

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115312.D
 Acq On : 29 Jun 2019 10:07
 Operator : HP/JU
 Sample : PB120999BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Quant Time: Jun 30 01:41:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	247239	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	950136	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	455989	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	890708	20.00	ng	0.00
76) Chrysene-d12	13.72	240	609176	20.00	ng	0.00
87) Perylene-d12	15.08	264	751441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1860442	116.12	ng	0.02
7) Phenol-d6	6.25	99	2272504	116.86	ng	0.01
23) Nitrobenzene-d5	7.17	82	1423492	92.16	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	658905	137.03	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	2575508	95.94	ng	0.00
79) Terphenyl-d14	12.68	244	2724668	95.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	252389	33.379	ng	99
3) Pyridine	2.88	79	731198	34.310	ng	98
4) n-Nitrosodimethylamine	2.84	42	316011	37.824	ng	97
6) Aniline	6.27	93	660158	24.701	ng	# 12
8) 2-Chlorophenol	6.39	128	762513	42.326	ng	99
9) Benzaldehyde	6.14	77	146115	11.517	ng	96
10) Phenol	6.27	94	870466	38.214	ng	96
11) bis(2-Chloroethyl)ether	6.34	93	694618	41.368	ng	99
12) 1,3-Dichlorobenzene	6.54	146	806230	40.324	ng	100
13) 1,4-Dichlorobenzene	6.62	146	827668	41.282	ng	100
14) 1,2-Dichlorobenzene	6.77	146	759941	40.930	ng	99
15) Benzyl Alcohol	6.75	79	539389	38.092	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	980383	40.256	ng	95
17) 2-Methylphenol	6.87	107	652064	43.850	ng	98
18) Hexachloroethane	7.11	117	297687	41.185	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	481907	38.708	ng	98
20) 3+4-Methylphenols	7.02	107	731296	42.590	ng	# 78
22) Acetophenone	7.01	105	1010220	46.443	ng	# 95
24) Nitrobenzene	7.18	77	769914	45.246	ng	100
25) Isophorone	7.43	82	1392131	43.998	ng	99
26) 2-Nitrophenol	7.50	139	429478	51.109	ng	100
27) 2,4-Dimethylphenol	7.55	122	705904	51.306	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	881992	44.103	ng	100
29) 2,4-Dichlorophenol	7.75	162	658895	46.405	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	717209	45.730	ng	100
31) Naphthalene	7.91	128	2101092	45.049	ng	100
32) Benzoic acid	7.70	122	499825	50.893	ng	98
33) 4-Chloroaniline	7.95	127	380485	17.850	ng	99
34) Hexachlorobutadiene	8.03	225	387559	45.093	ng	98
35) Caprolactam	8.33	113	128704	26.961	ng	97
36) 4-Chloro-3-methylphenol	8.45	107	662805	46.094	ng	97
37) 2-Methylnaphthalene	8.60	142	1441477	45.838	ng	98
38) 1-Methylnaphthalene	8.70	142	1369478	45.597	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	619926	48.110	ng	99

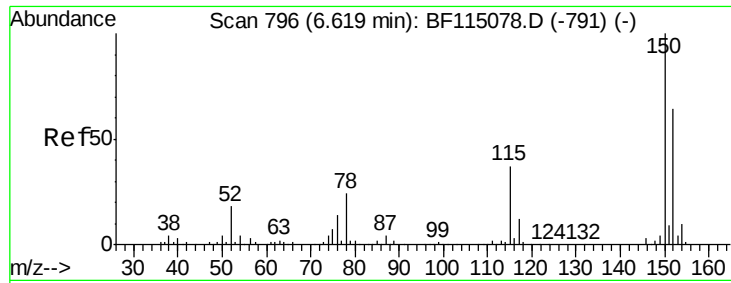
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115312.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	697089	91.235	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	468382	47.083	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	508345	49.621	ng	97
46) 1,1'-Biphenyl	9.06	154	1680647	46.063	ng	99
47) 2-Chloronaphthalene	9.08	162	1341068	45.313	ng	97
48) 2-Nitroaniline	9.18	65	400840	46.456	ng	85
49) Acenaphthylene	9.49	152	2077812	45.061	ng	99
50) Dimethylphthalate	9.37	163	1550378	46.214	ng	100
51) 2,6-Dinitrotoluene	9.42	165	369390	47.693	ng	99
52) Acenaphthene	9.67	154	1211496	41.988	ng	99
53) 3-Nitroaniline	9.58	138	241438	25.544	ng	95
54) 2,4-Dinitrophenol	9.70	184	416233	102.195	ng	98
55) Dibenzofuran	9.84	168	1821530	43.985	ng	100
56) 4-Nitrophenol	9.76	139	670926	88.543	ng	94
57) 2,4-Dinitrotoluene	9.82	165	492160	49.213	ng	98
58) Fluorene	10.18	166	1271493	46.306	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	438556	51.053	ng	97
60) Diethylphthalate	10.07	149	1507614	44.706	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	614637	47.248	ng	97
62) 4-Nitroaniline	10.20	138	410547	43.298	ng	97
63) Azobenzene	10.33	77	1400953	44.477	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	249123	52.093	ng	98
66) n-Nitrosodiphenylamine	10.29	169	1282421	46.214	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	443675	45.943	ng	99
68) Hexachlorobenzene	10.72	284	482822	46.061	ng	97
69) Atrazine	10.82	200	424774	47.585	ng	99
70) Pentachlorophenol	10.91	266	597586	89.487	ng	97
71) Phenanthrene	11.13	178	2078232	43.335	ng	100
72) Anthracene	11.18	178	2158535	44.589	ng	99
73) Carbazole	11.33	167	1982639	45.865	ng	99
74) Di-n-butylphthalate	11.68	149	2267293	45.389	ng	98
75) Fluoranthene	12.31	202	2159991	45.142	ng	98
77) Benzidine	12.42	184	710516	26.267	ng	99
78) Pyrene	12.53	202	2221032	47.442	ng	98
80) Butylbenzylphthalate	13.17	149	1011488	48.958	ng	93
81) Benzo(a)anthracene	13.71	228	2050699	46.916	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	536108	33.964	ng	97
83) Chrysene	13.75	228	1975031	49.327	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1315565	48.596	ng	98
85) Di-n-octyl phthalate	14.34	149	2258953	49.664	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	2487764	52.508	ng	99
88) Benzo(b)fluoranthene	14.72	252	2282278	48.675	ng	99
89) Benzo(k)fluoranthene	14.74	252	1865895	44.375	ng	99
90) Benzo(a)pyrene	15.04	252	2085148	49.340	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	2010135	50.950	ng	98
92) Benzo(g,h,i)perylene	16.75	276	2143981	53.692	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

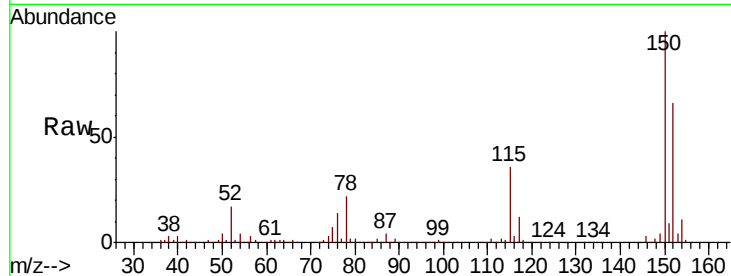


#1

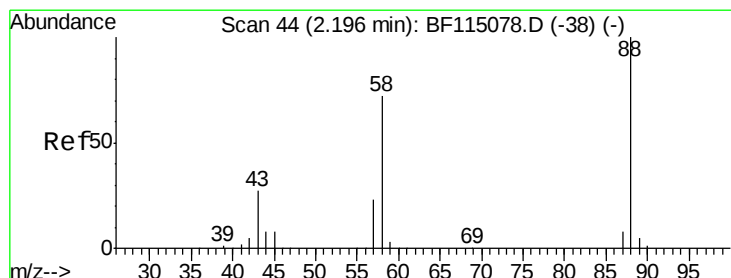
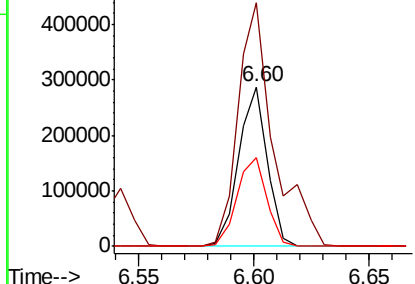
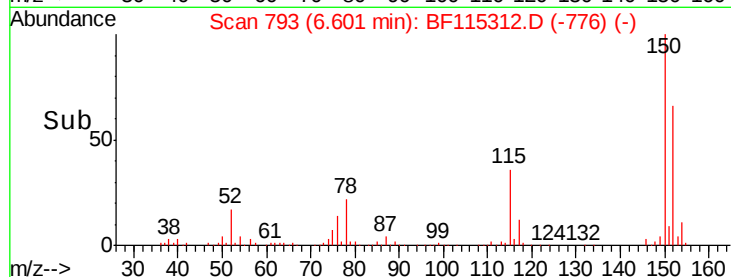
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion: 152 Resp: 247239
Ion Ratio Lower Upper
152 100
150 152.6 124.2 186.2
115 55.5 46.1 69.1



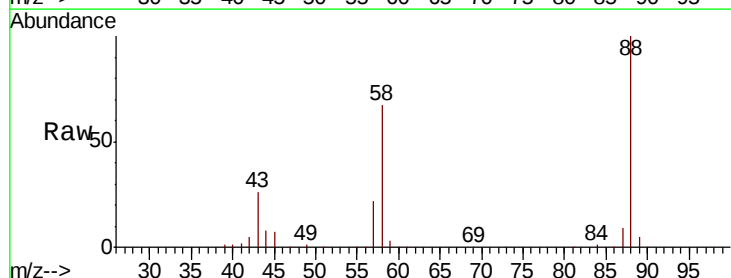
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



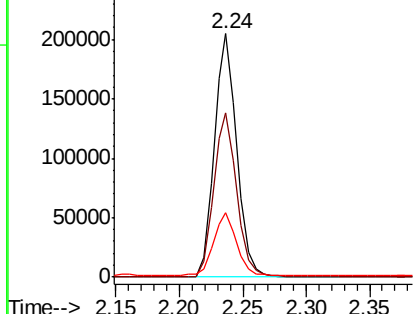
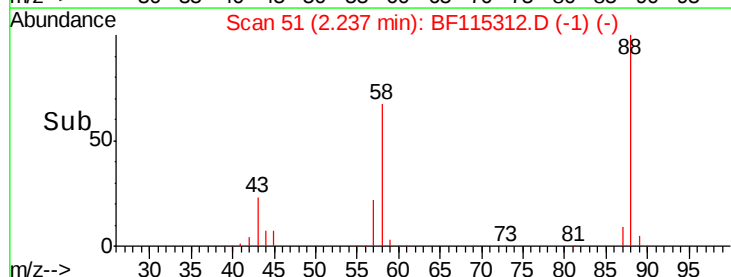
#2

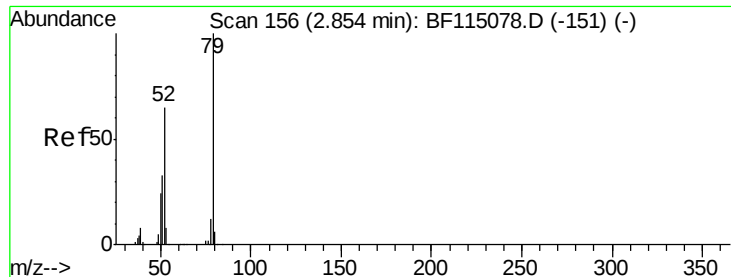
1,4-Dioxane
Concen: 33.379 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion: 88 Resp: 252389
Ion Ratio Lower Upper
88 100
58 69.6 56.1 84.1
43 26.9 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.310 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.08 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

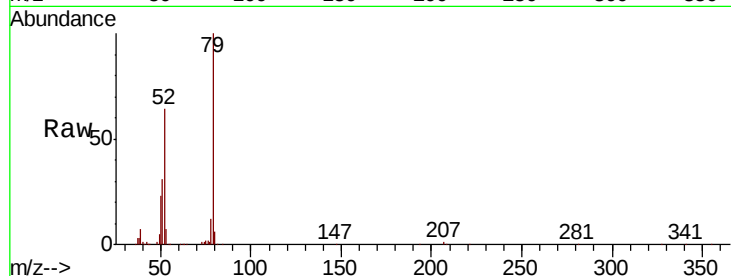
Tgt Ion: 79 Resp: 731198

Ion Ratio Lower Upper

79 100

52 63.9 52.3 78.5

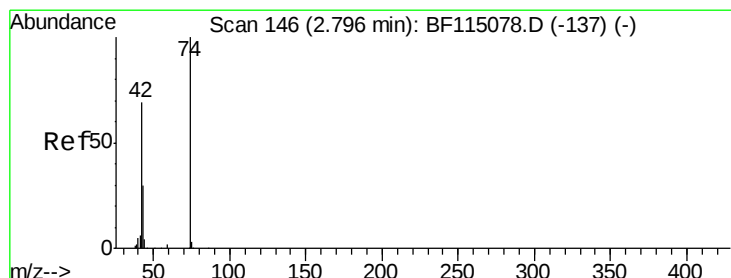
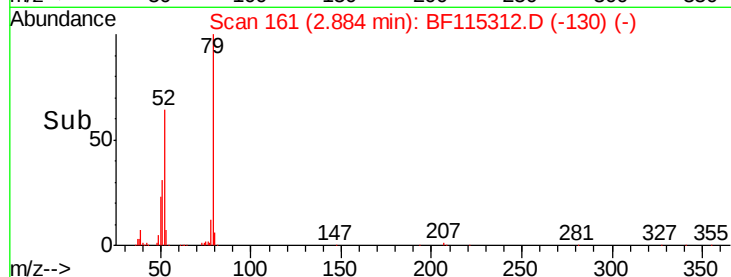
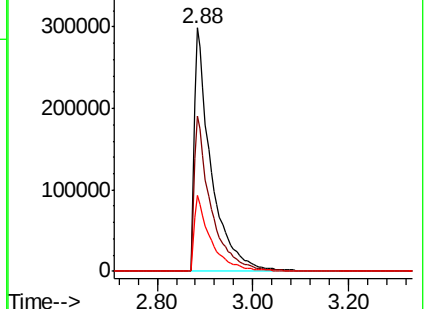
51 31.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.824 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

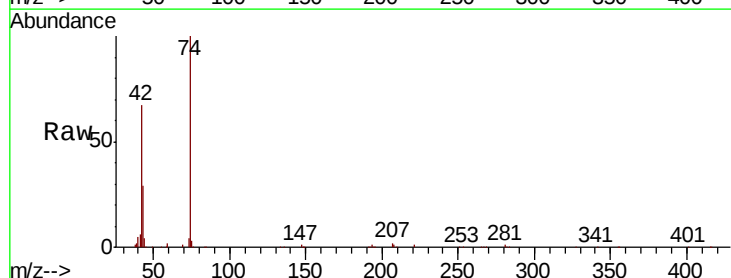
Tgt Ion: 42 Resp: 316011

Ion Ratio Lower Upper

42 100

74 149.3 116.6 175.0

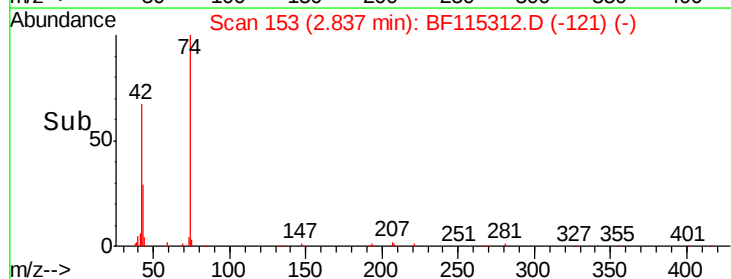
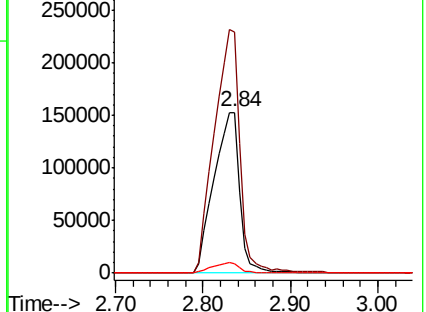
44 6.1 5.3 7.9

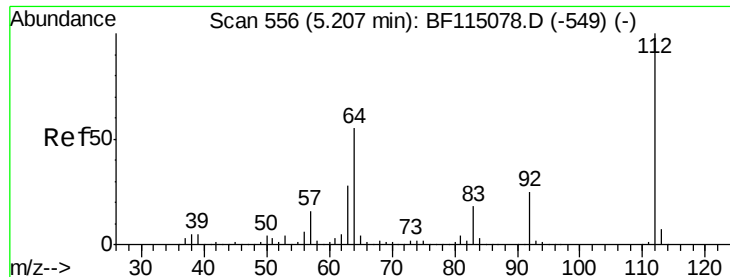


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.122 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

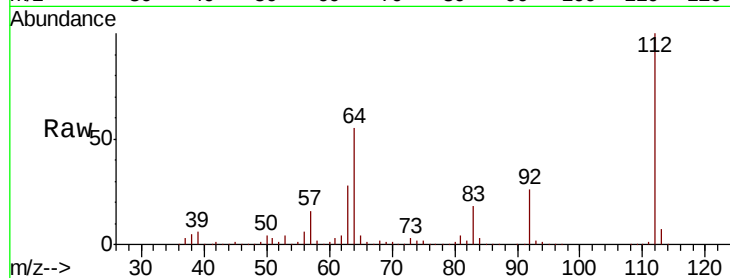
Tgt Ion: 112 Resp: 1860442

Ion Ratio Lower Upper

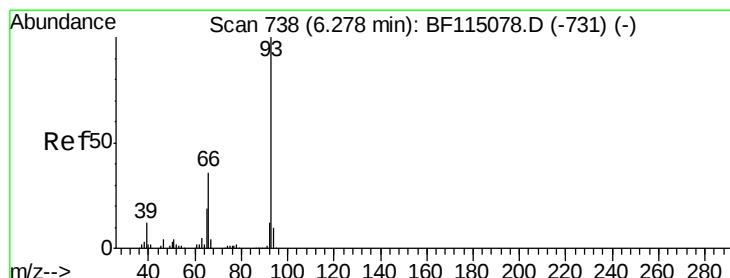
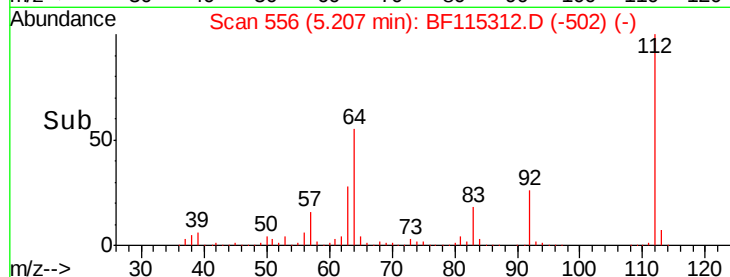
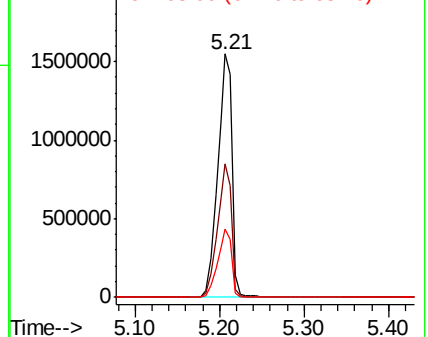
112 100

64 55.1 43.8 65.6

63 28.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.701 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

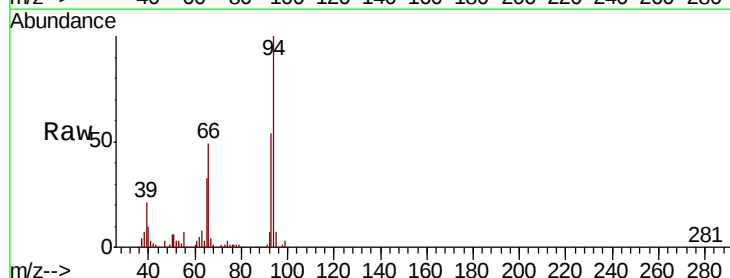
Tgt Ion: 93 Resp: 660158

Ion Ratio Lower Upper

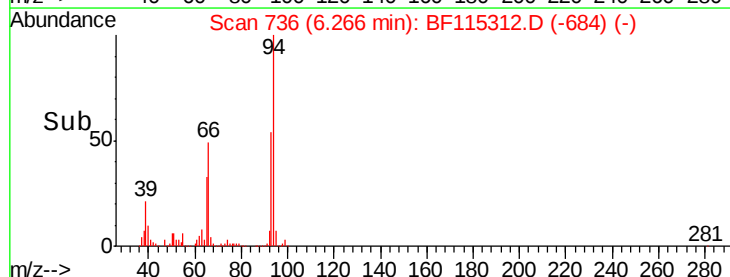
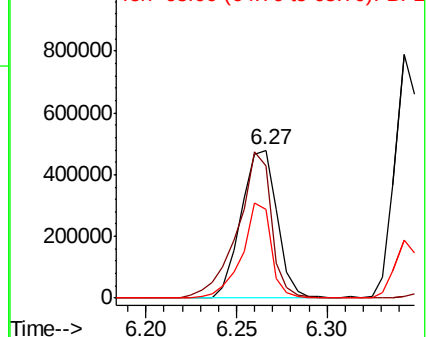
93 100

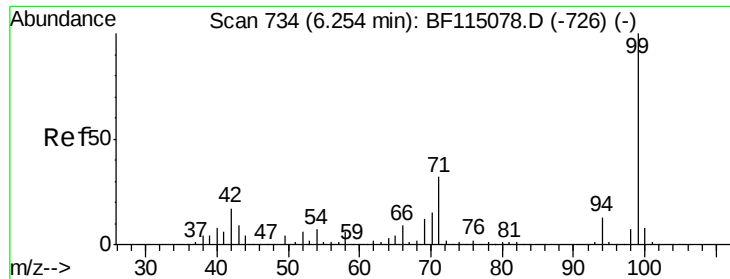
66 89.7 30.0 45.0#

65 59.8 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.861 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

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BNA_F

ClientSampleId :

PB120999BS

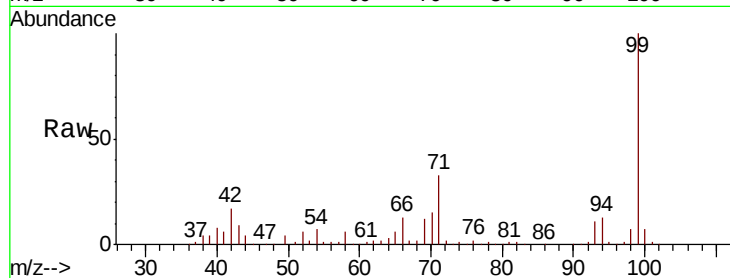
Tgt Ion: 99 Resp: 2272504

Ion Ratio Lower Upper

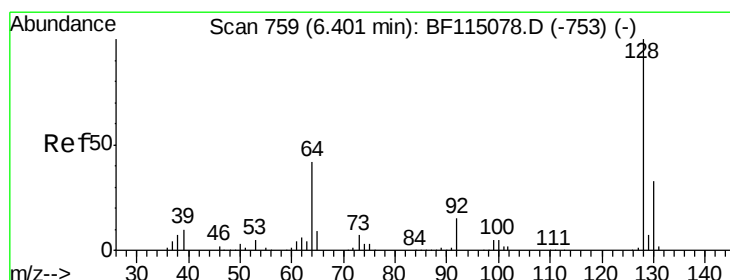
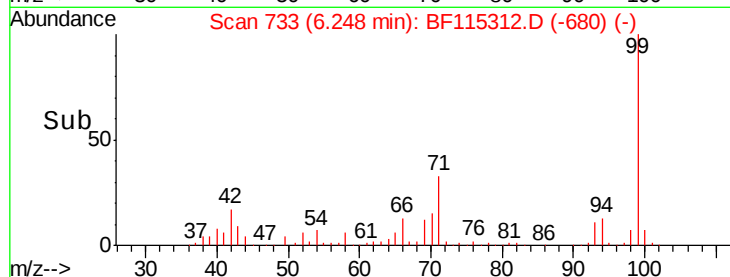
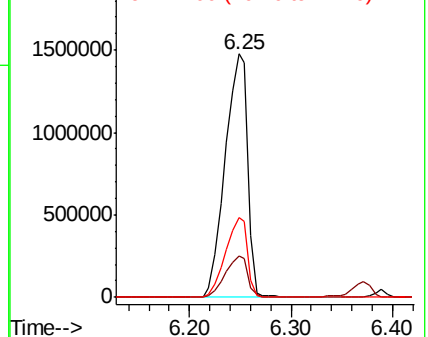
99 100

42 17.1 13.6 20.4

71 32.9 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.326 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

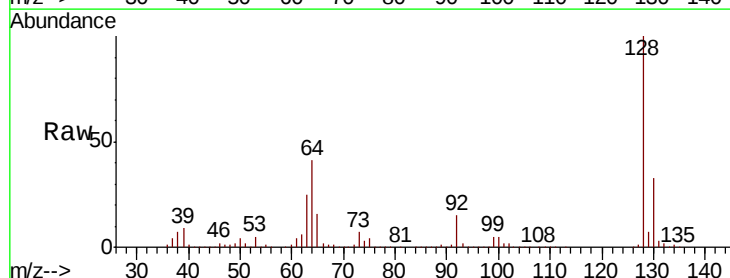
Tgt Ion: 128 Resp: 762513

Ion Ratio Lower Upper

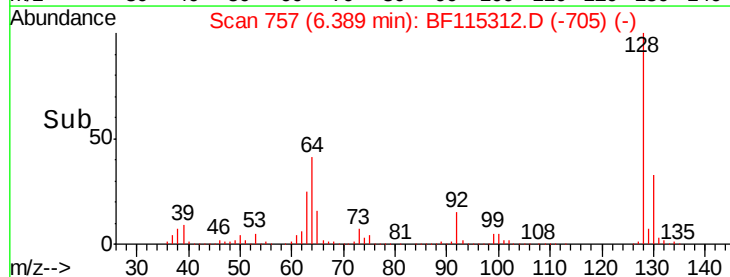
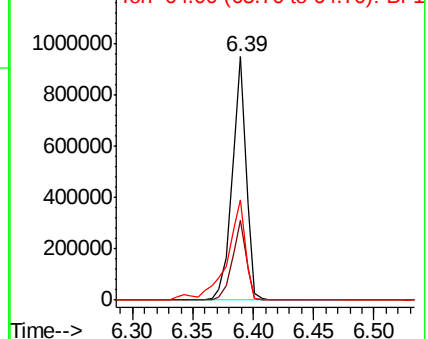
128 100

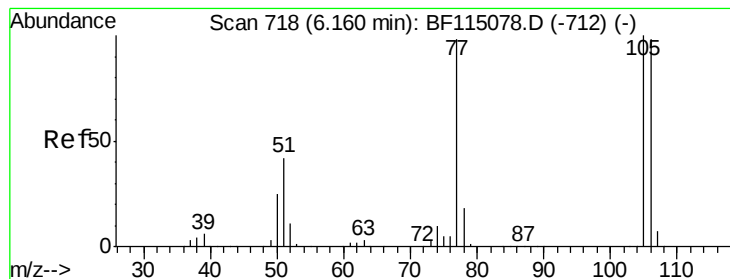
130 32.9 12.9 52.9

64 41.2 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.517 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

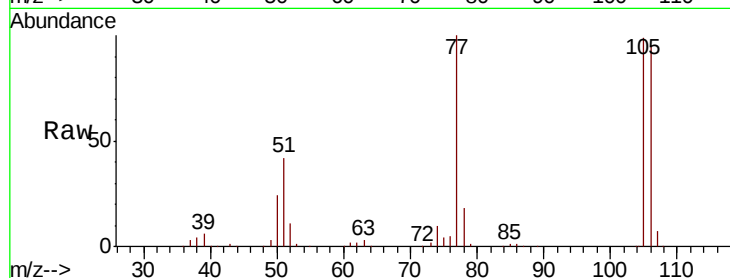
Tgt Ion: 77 Resp: 146115

Ion Ratio Lower Upper

77 100

105 98.8 81.5 121.5

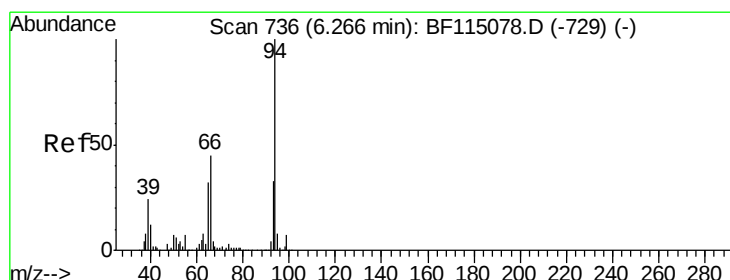
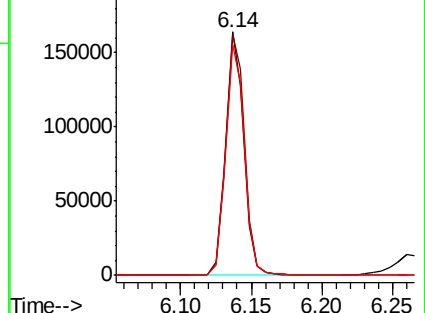
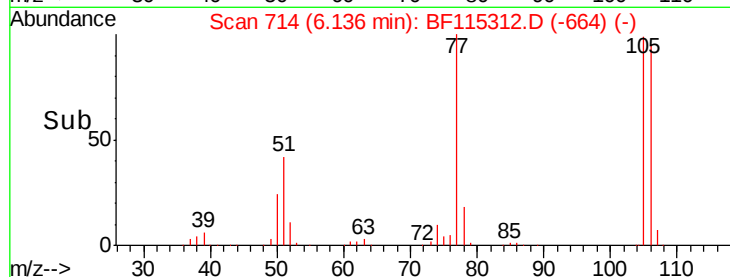
106 94.6 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.214 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

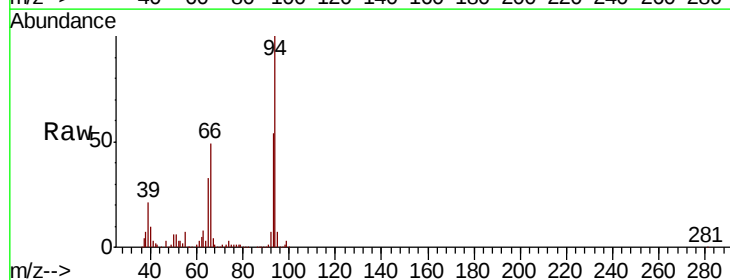
Tgt Ion: 94 Resp: 870466

Ion Ratio Lower Upper

94 100

65 32.6 11.9 51.9

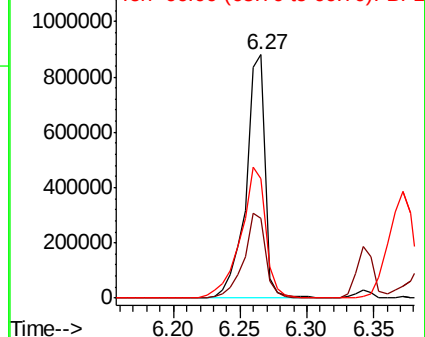
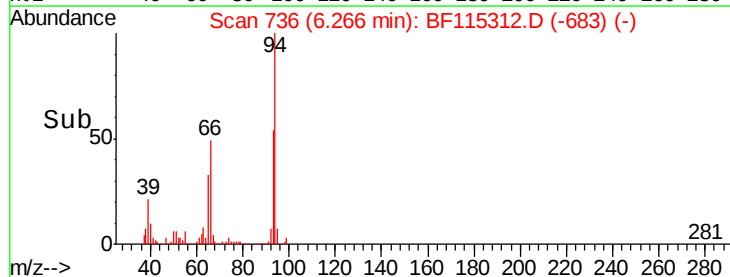
66 48.8 25.2 65.2

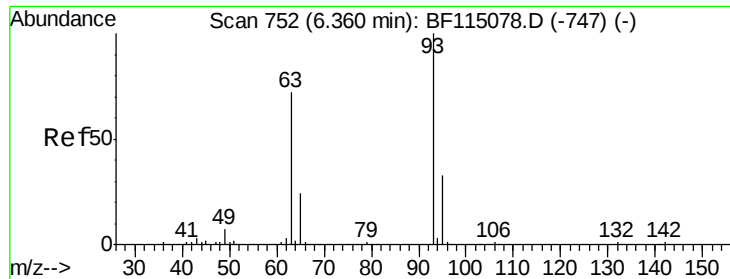


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

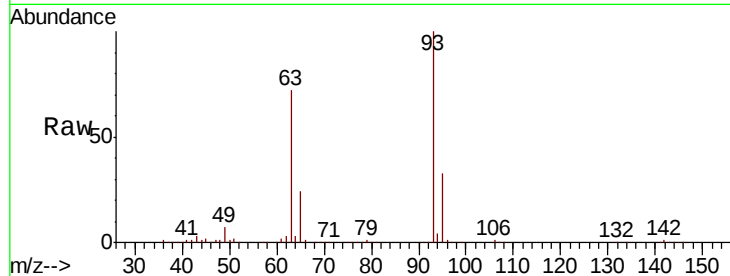




#11
bis(2-Chloroethyl)ether
Concen: 41.368 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.0	51.5	91.5
95	32.9	13.4	53.4

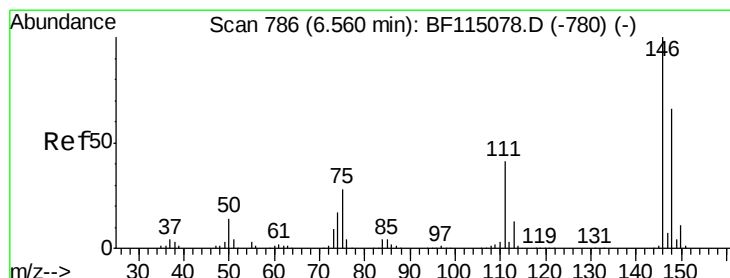
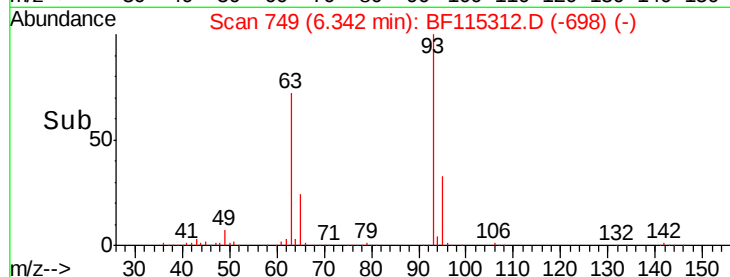
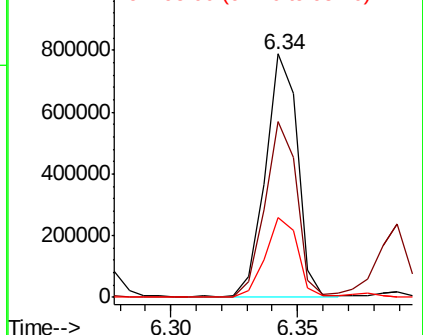


Abundance

Ion 93.00 (92.70 to 93.70): BF1

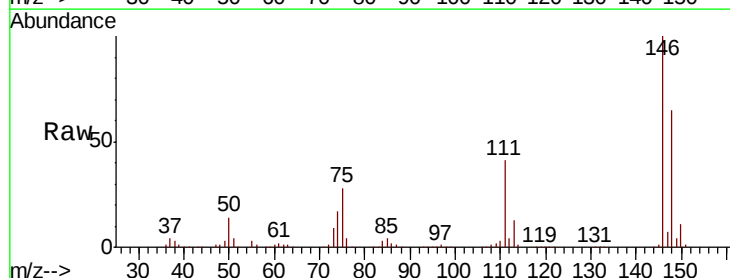
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 40.324 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.6	78.8
75	28.2	22.6	34.0

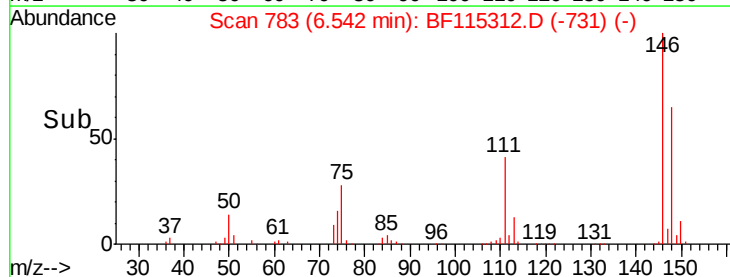
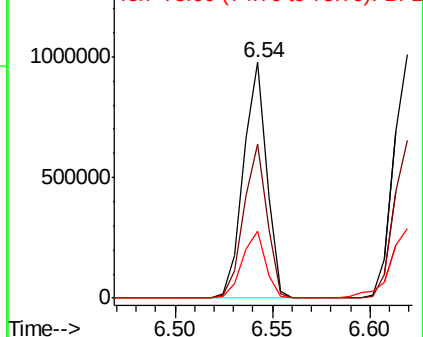


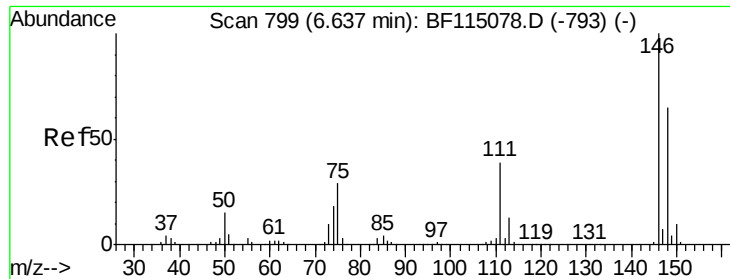
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

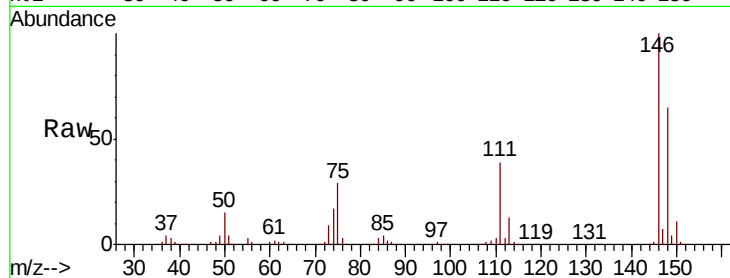




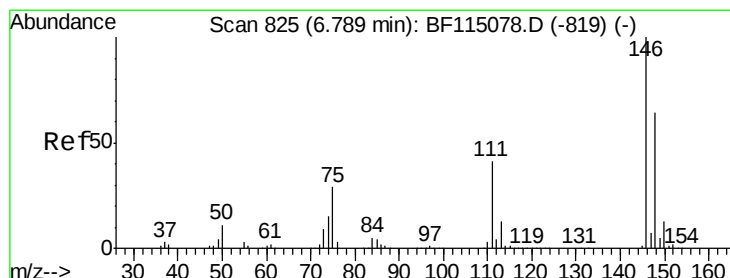
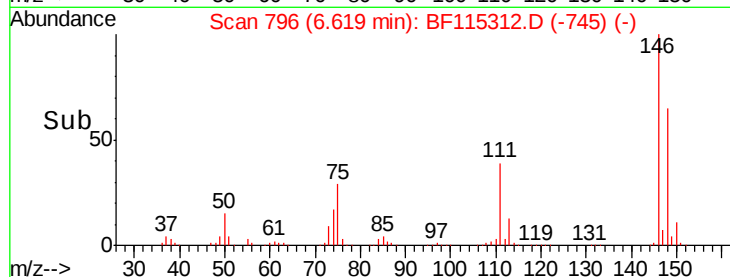
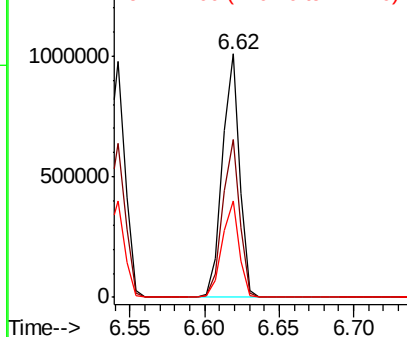
#13
 1,4-Dichlorobenzene
 Concen: 41.282 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:146 Resp: 827668
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 111 39.4 31.4 47.0

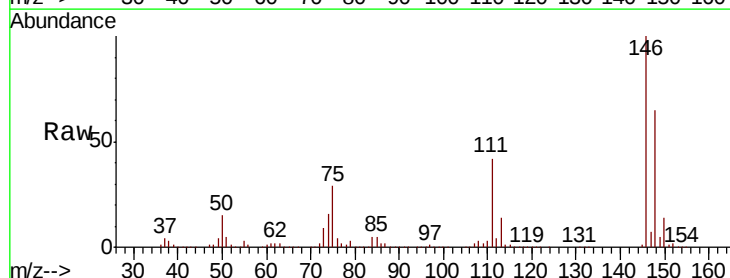


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

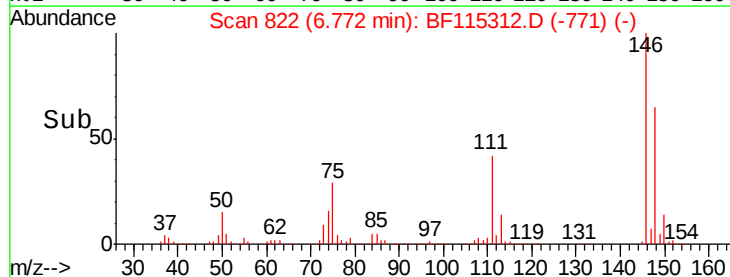
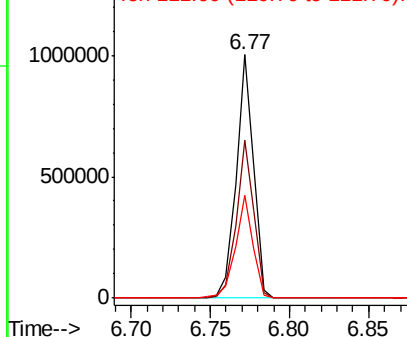


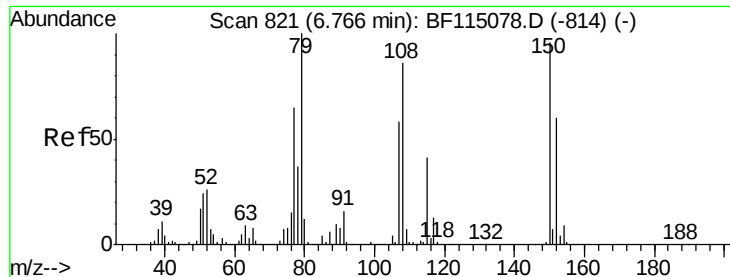
#14
 1,2-Dichlorobenzene
 Concen: 40.930 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:146 Resp: 759941
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 42.2 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.092 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

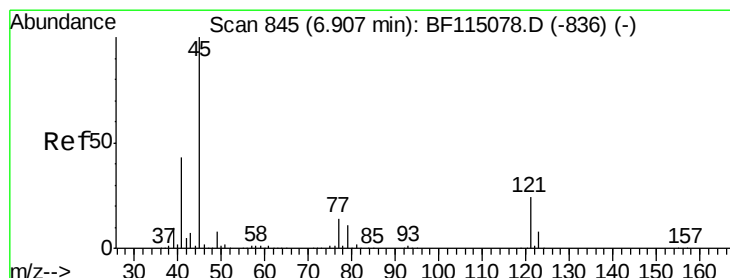
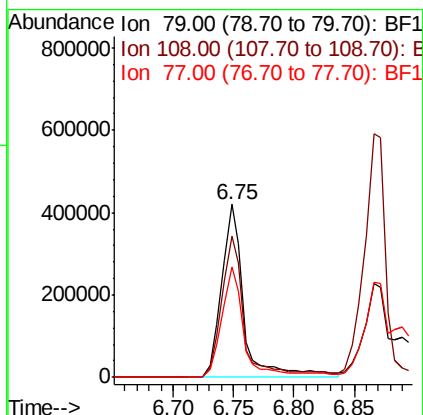
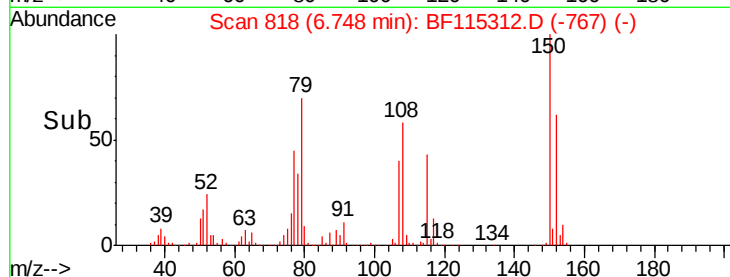
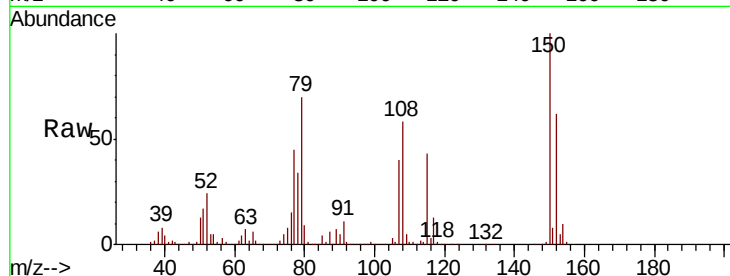
Tgt Ion: 79 Resp: 539389

Ion Ratio Lower Upper

79 100

108 81.9 68.7 103.1

77 64.0 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.256 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

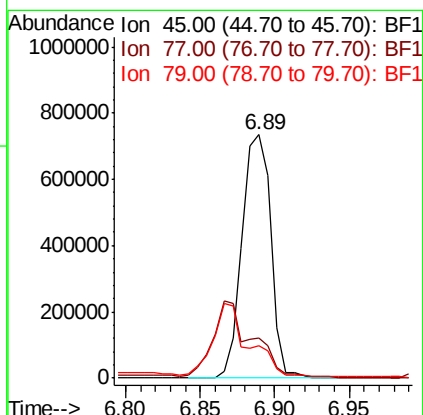
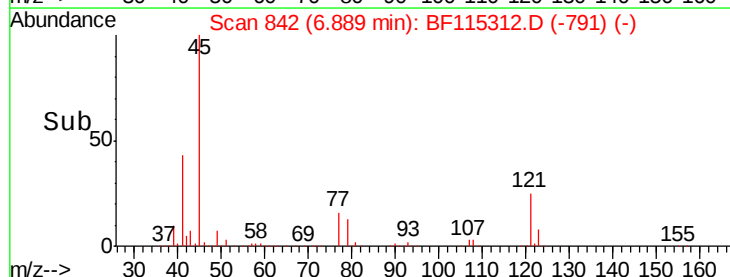
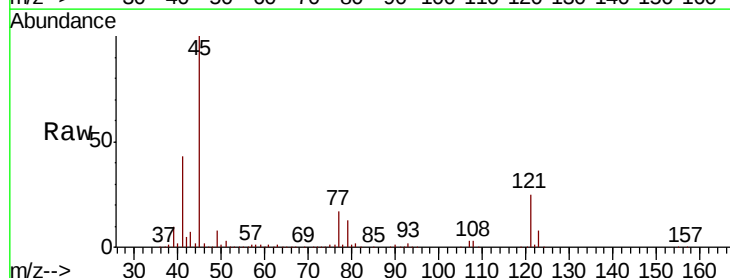
Tgt Ion: 45 Resp: 980383

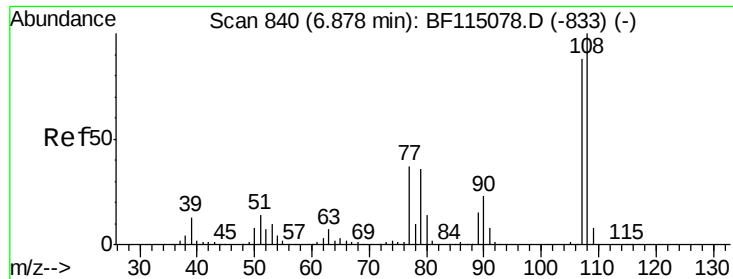
Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.6

79 13.2 0.0 31.2

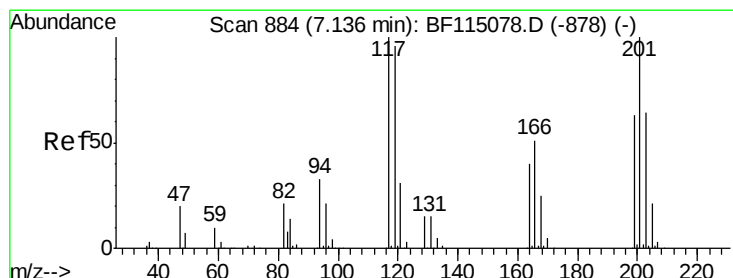
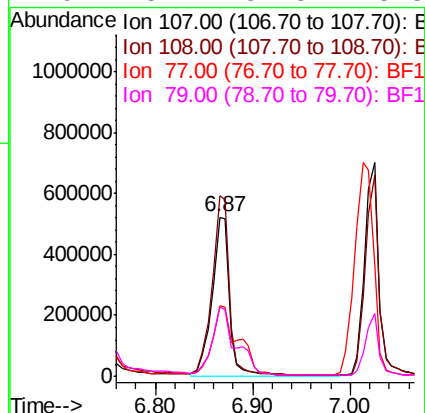
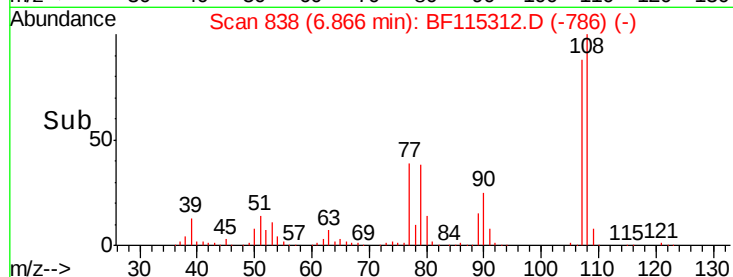
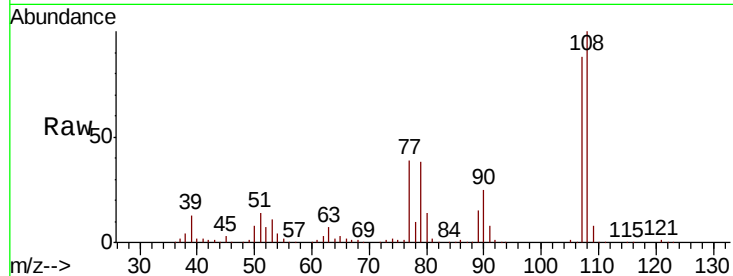




#17
2-Methylphenol
Concen: 43.850 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

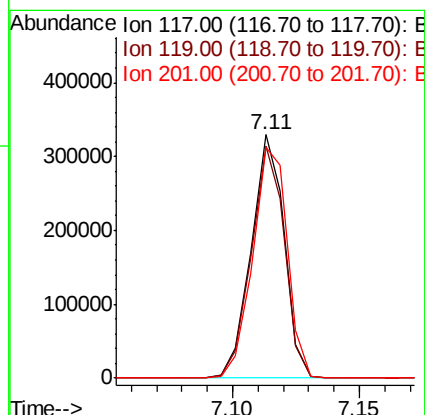
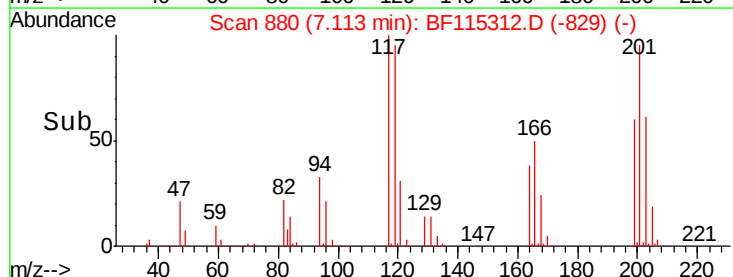
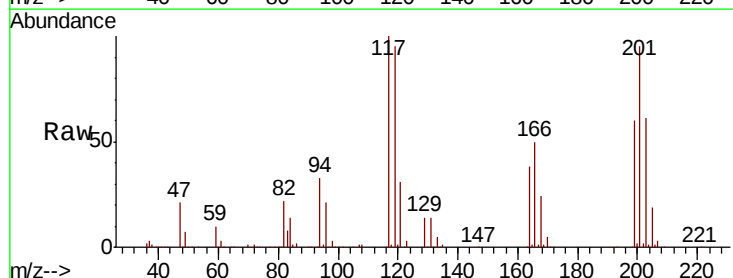
Instrument :
BNA_F
ClientSampleId :
PB120999BS

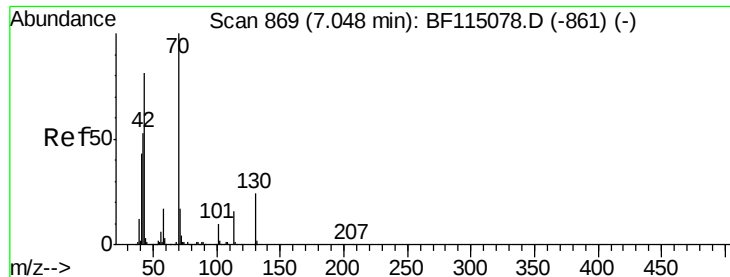
Tgt Ion:107 Resp: 652064
Ion Ratio Lower Upper
107 100
108 113.0 90.9 136.3
77 44.4 33.4 50.2
79 43.4 32.3 48.5



#18
Hexachloroethane
Concen: 41.185 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:117 Resp: 297687
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8
201 94.6 80.2 120.2

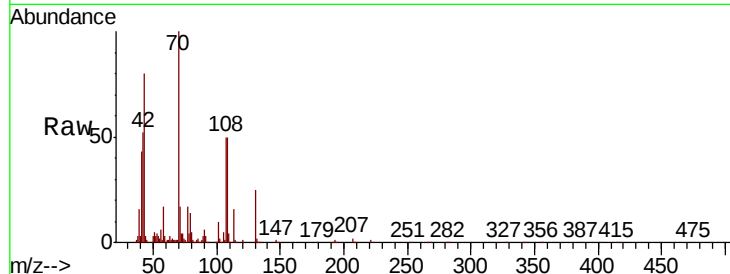




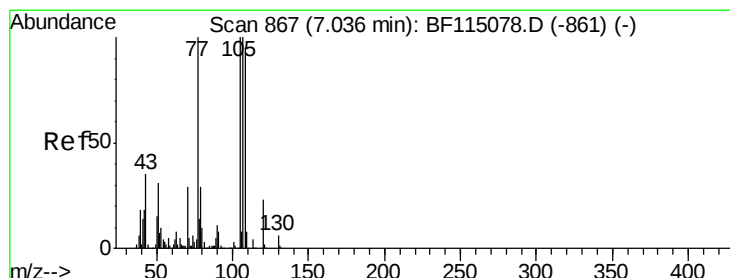
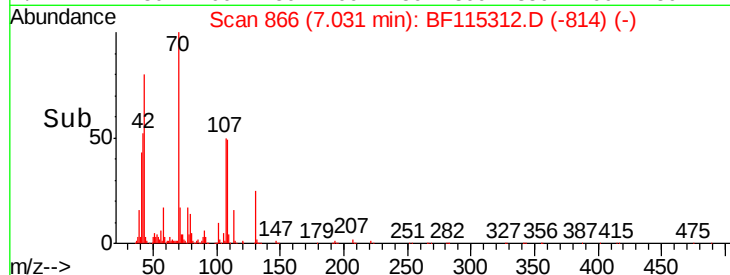
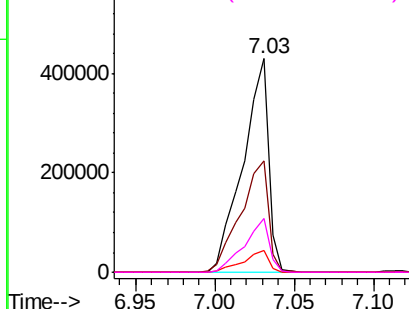
#19
n-Nitroso-di-n-propylamine
Concen: 38.708 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:	70	Resp:	481907
Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.6	63.8
101	10.1	8.0	12.0
130	25.0	19.4	29.0



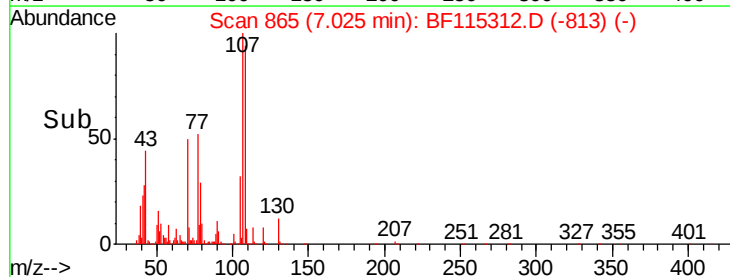
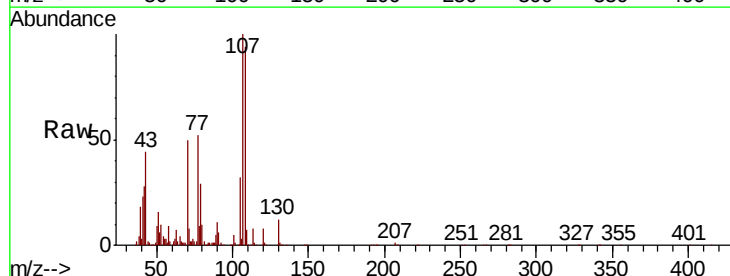
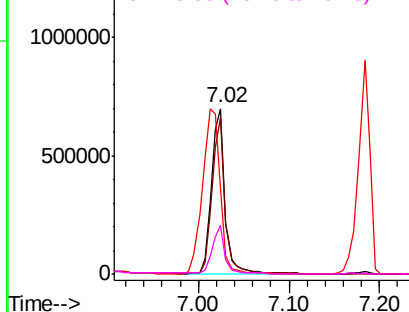
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

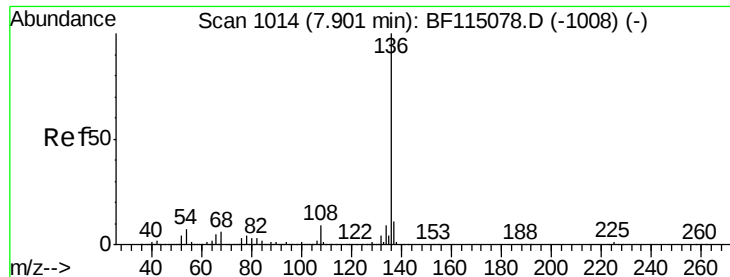


#20
3+4-Methylphenols
Concen: 42.590 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:	107	Resp:	731296
Ion	Ratio	Lower	Upper
107	100		
108	94.1	75.5	115.5
77	52.0	80.2	120.2#
79	29.4	9.5	49.5

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

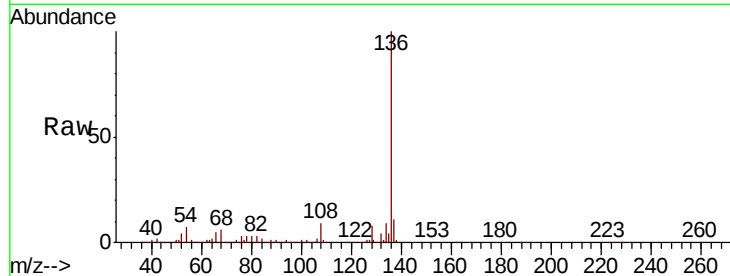




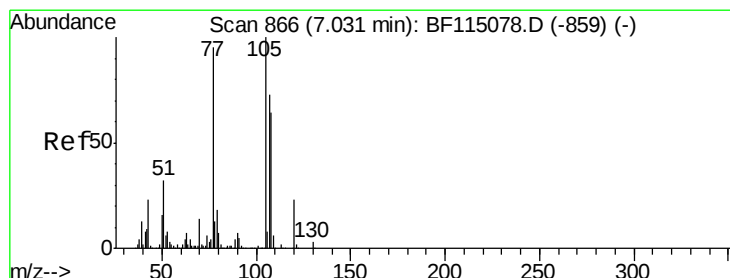
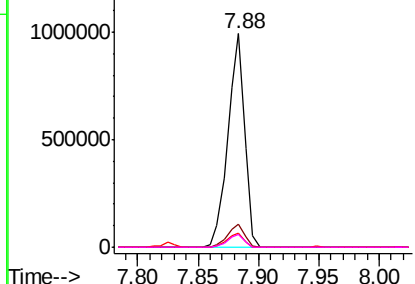
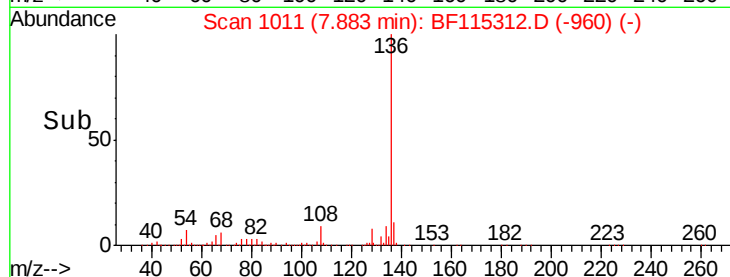
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:	136	Resp:	950136
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.6	8.4
68	5.8	4.8	7.2

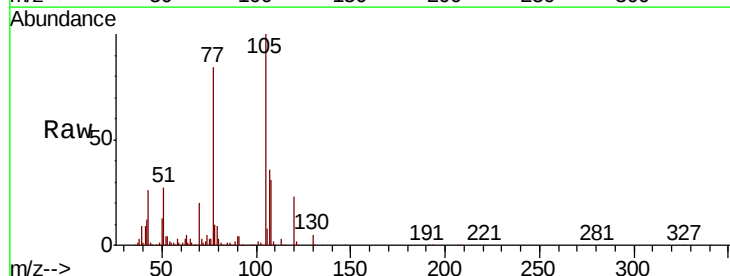


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

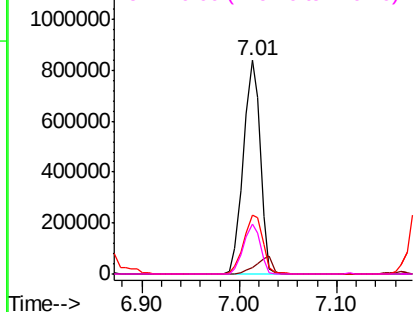
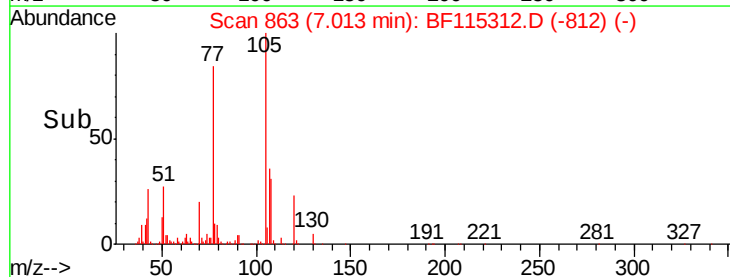


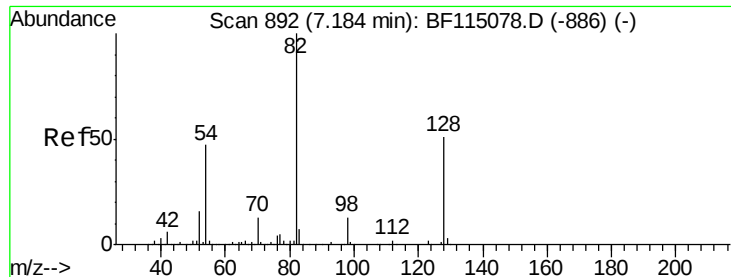
#22
Acetophenone
Concen: 46.443 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:	105	Resp:	1010220
Ion	Ratio	Lower	Upper
105	100		
71	3.3	1.9	2.9#
51	27.5	25.8	38.8
120	23.2	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.162 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

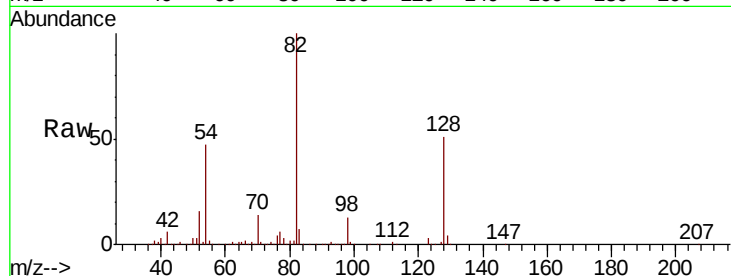
Tgt Ion: 82 Resp: 1423492

Ion Ratio Lower Upper

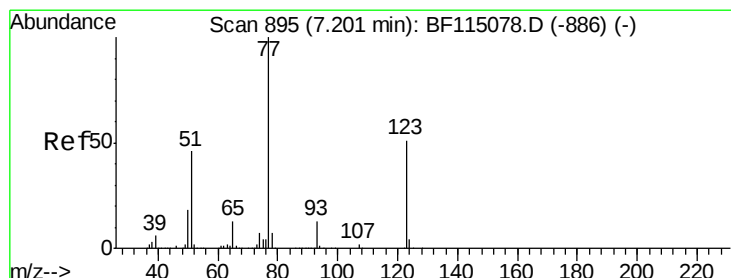
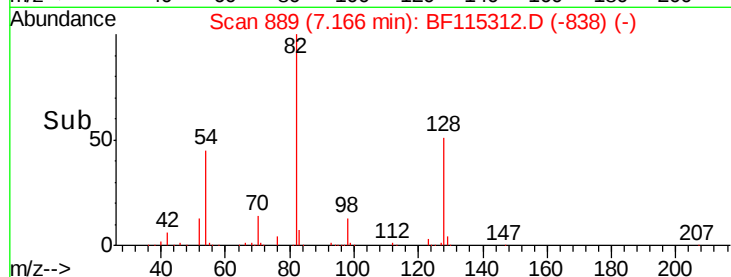
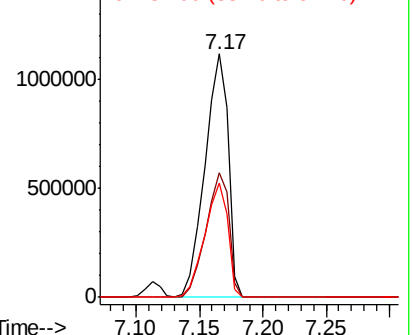
82 100

128 51.1 40.4 60.6

54 47.1 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 45.246 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

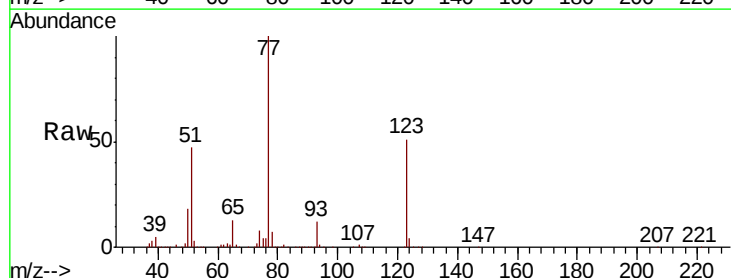
Tgt Ion: 77 Resp: 769914

Ion Ratio Lower Upper

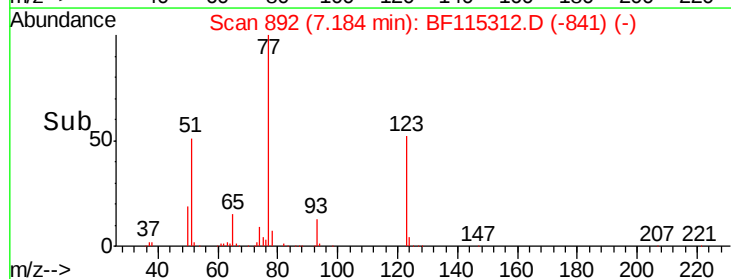
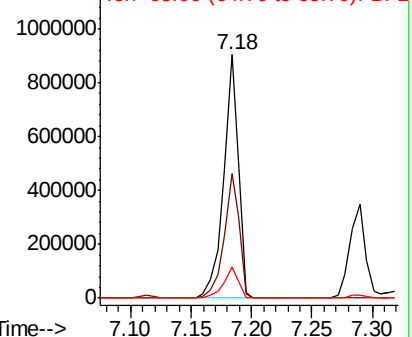
77 100

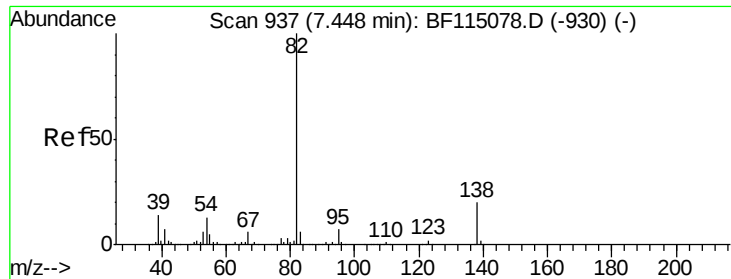
123 51.2 41.0 61.6

65 13.0 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.998 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

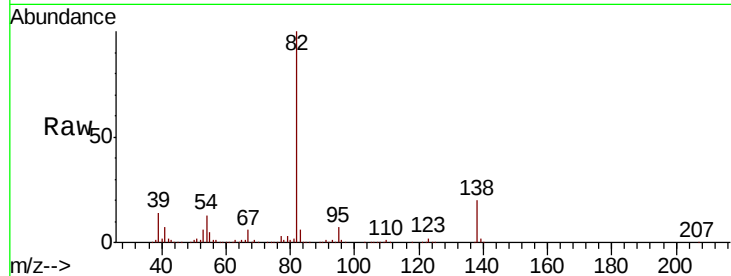
Tgt Ion: 82 Resp: 1392131

Ion Ratio Lower Upper

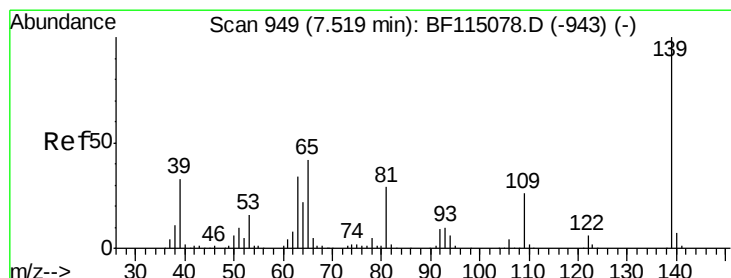
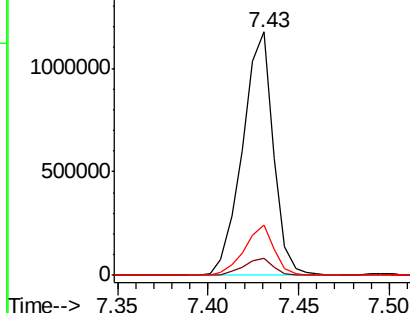
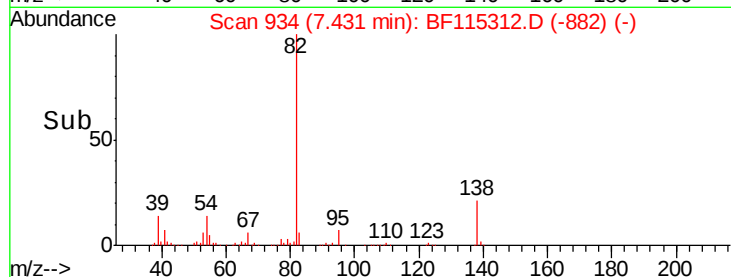
82 100

95 6.9 5.4 8.2

138 20.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.109 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

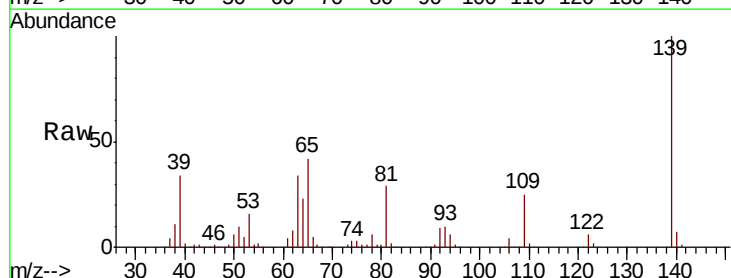
Tgt Ion: 139 Resp: 429478

Ion Ratio Lower Upper

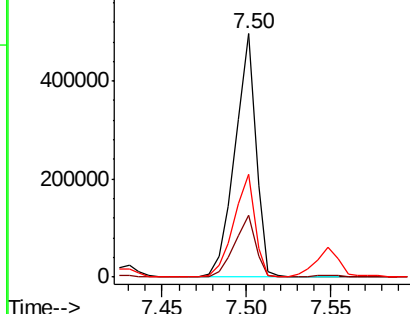
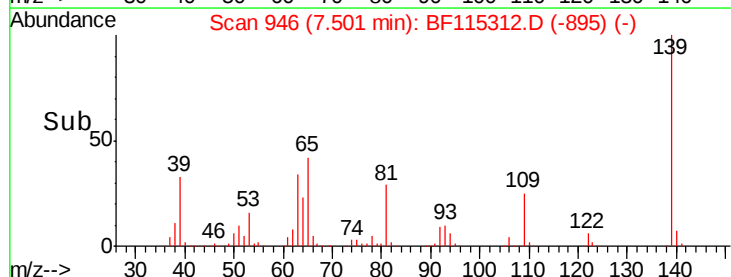
139 100

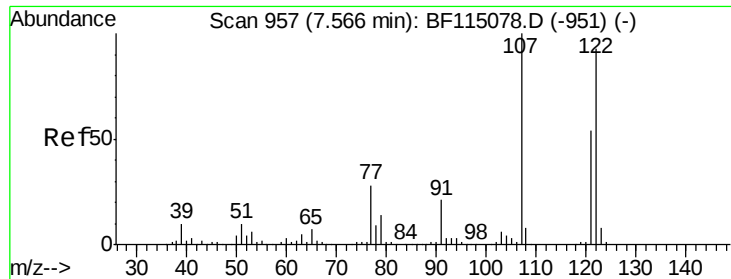
109 25.2 20.4 30.6

65 42.1 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

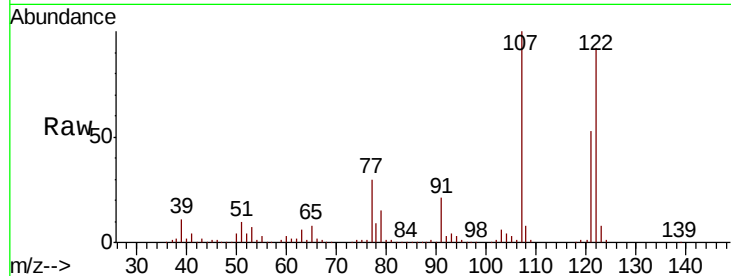




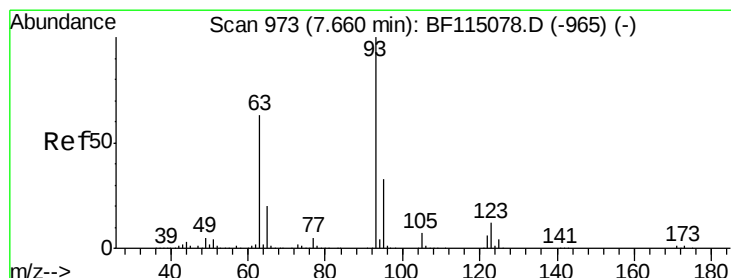
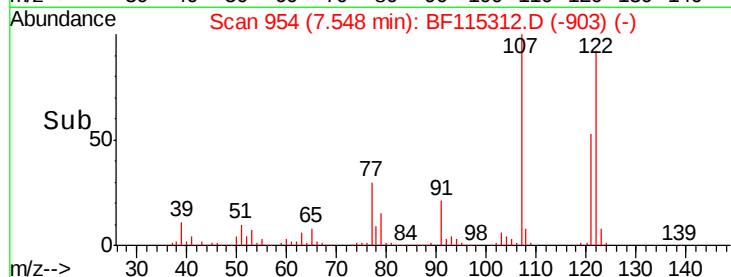
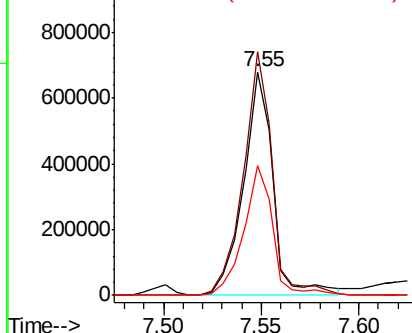
#27
2,4-Dimethylphenol
Concen: 51.306 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:122 Resp: 705904
Ion Ratio Lower Upper
122 100
107 109.1 85.8 128.6
121 58.0 46.3 69.5

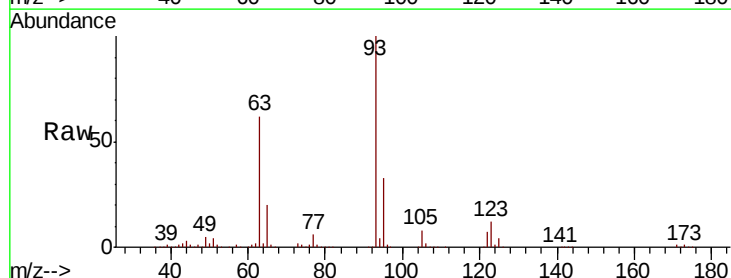


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

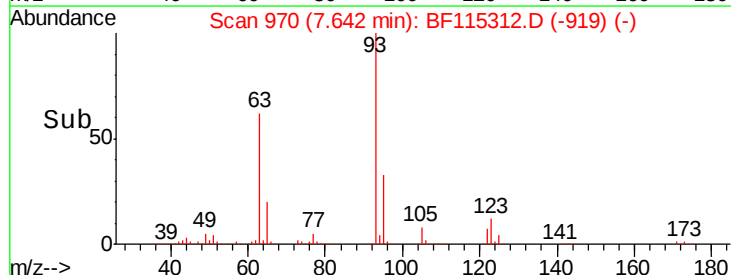
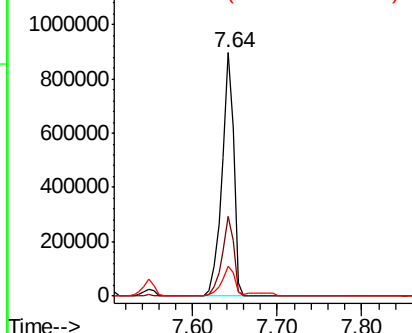


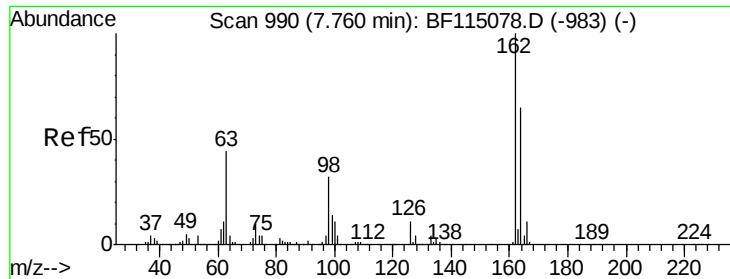
#28
bis(2-Chloroethoxy)methane
Concen: 44.103 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion: 93 Resp: 881992
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.5 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

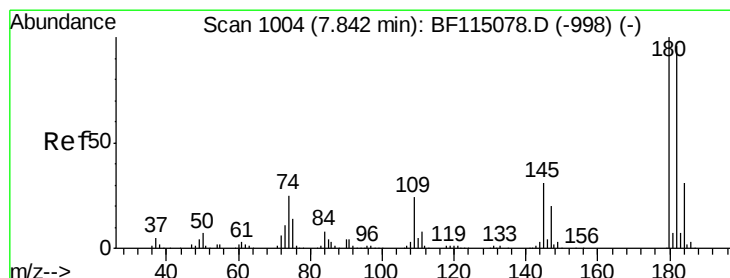
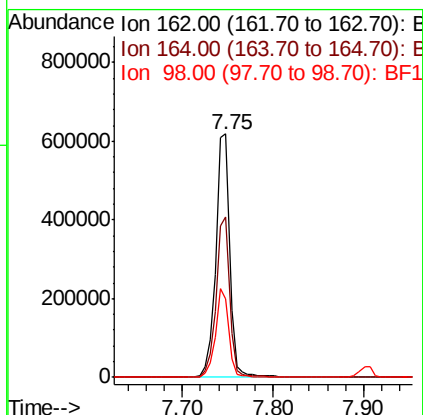
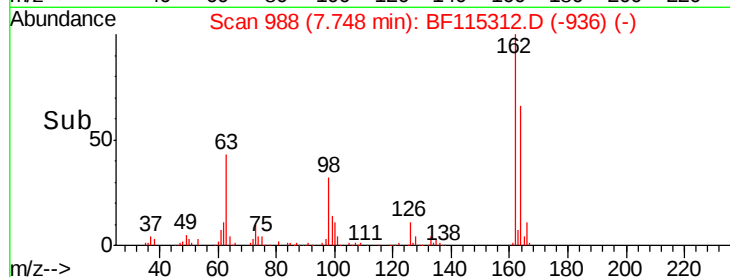
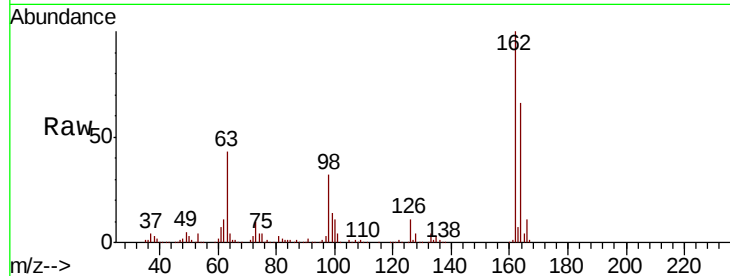




#29
2,4-Dichlorophenol
Concen: 46.405 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

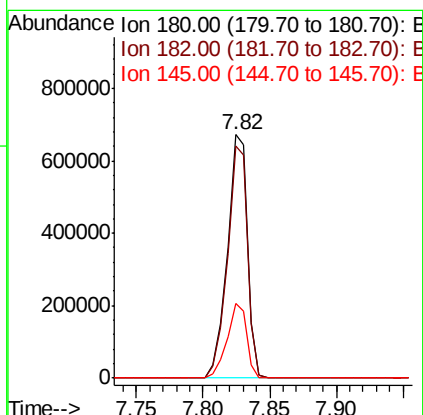
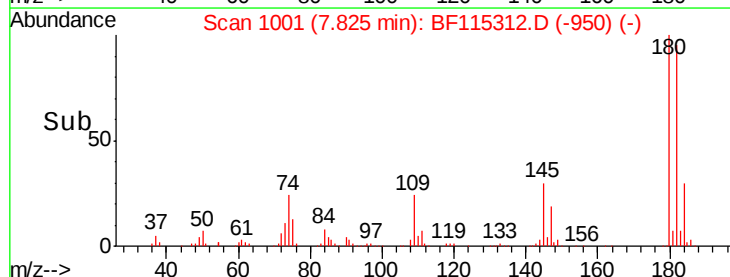
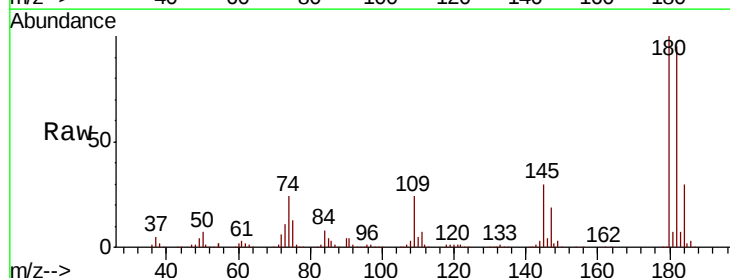
Instrument :
BNA_F
ClientSampleId :
PB120999BS

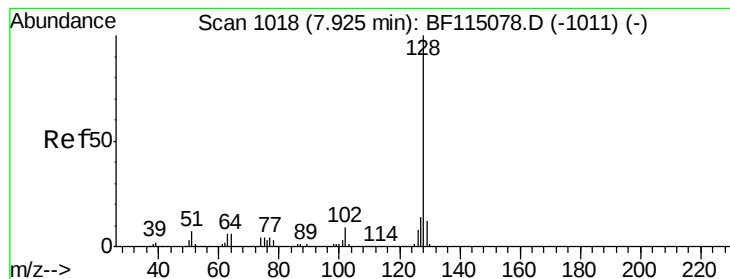
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.3	85.3
98	32.0	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 45.730 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	30.4	24.8	37.2





#31

Naphthalene

Concen: 45.049 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

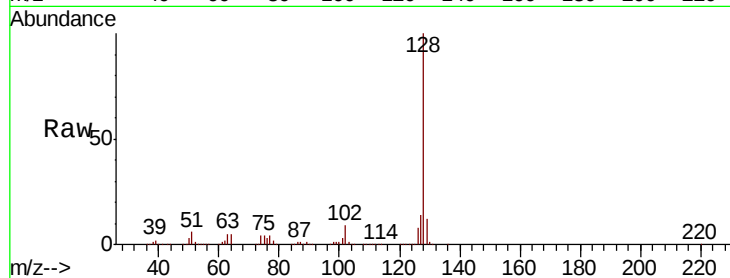
Tgt Ion:128 Resp: 2101092

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

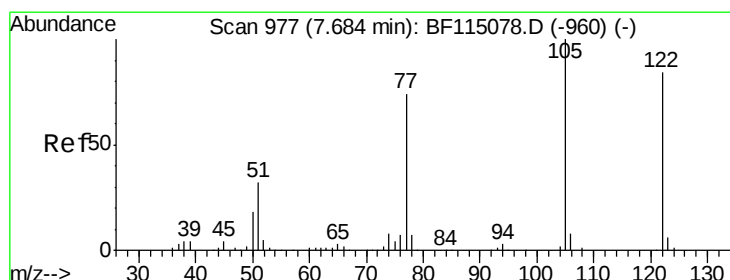
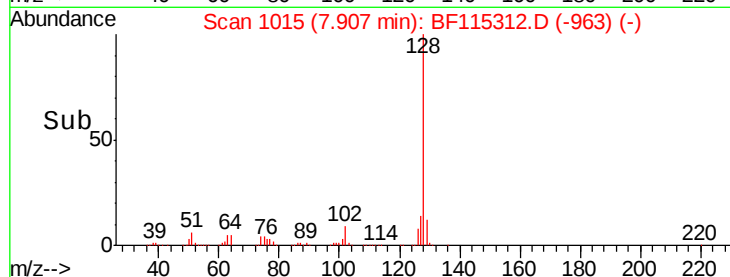
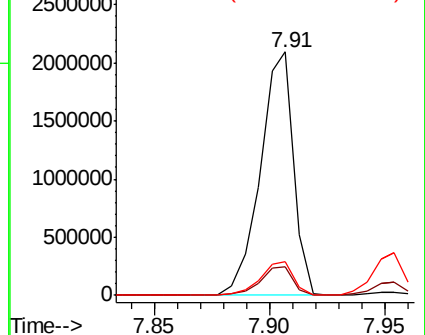
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.893 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.03 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

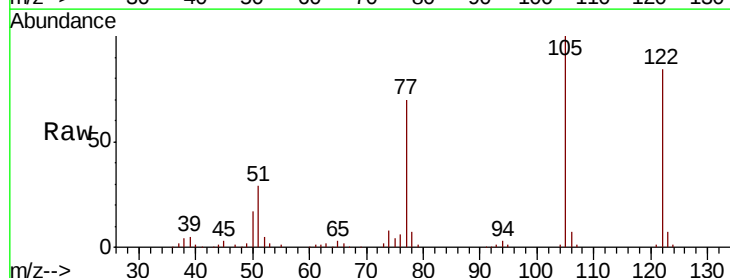
Tgt Ion:122 Resp: 499825

Ion Ratio Lower Upper

122 100

105 118.6 98.2 138.2

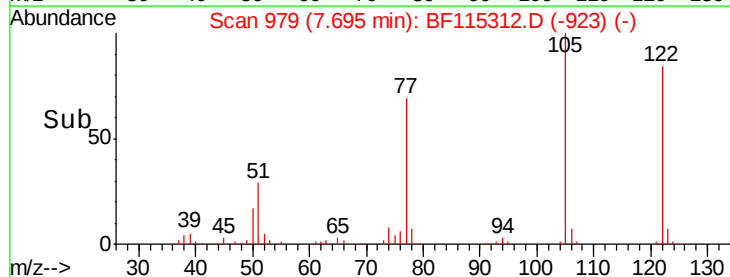
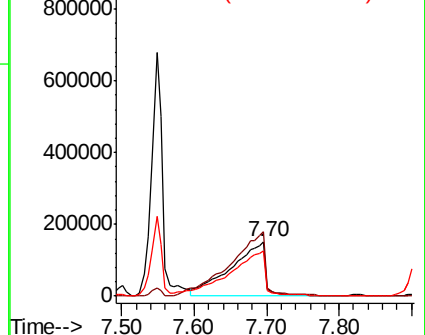
77 82.9 67.0 107.0

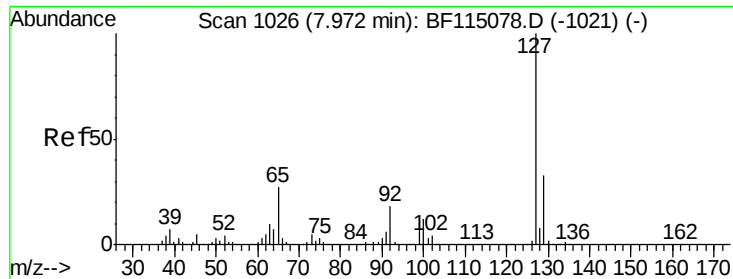


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

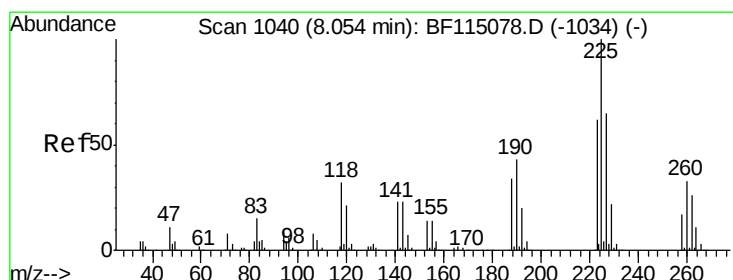
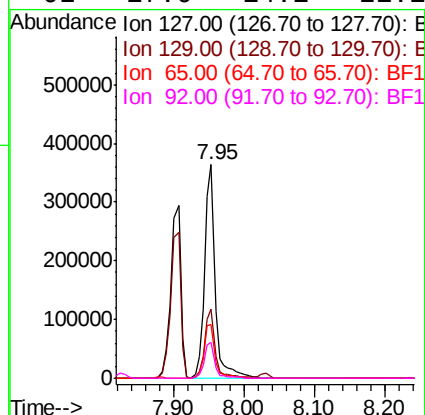
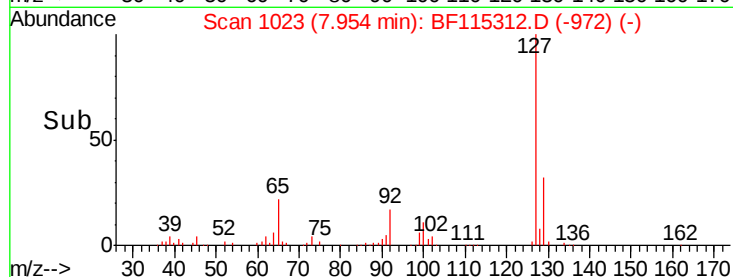
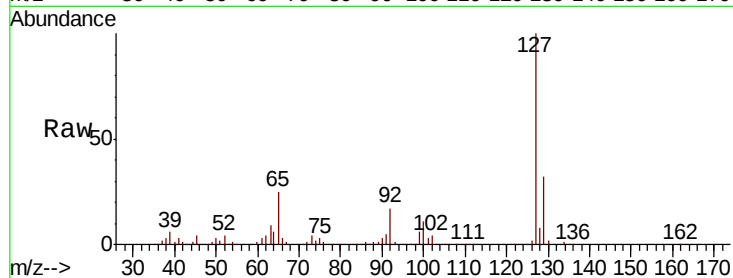




#33
4-Chloroaniline
Concen: 17.850 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

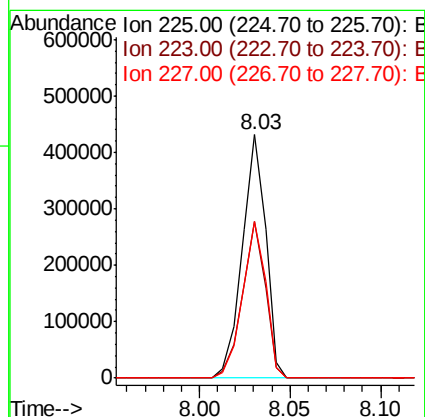
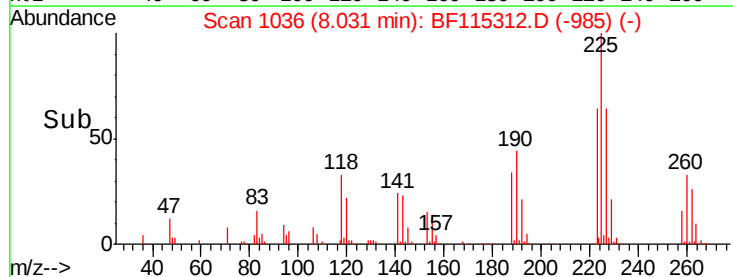
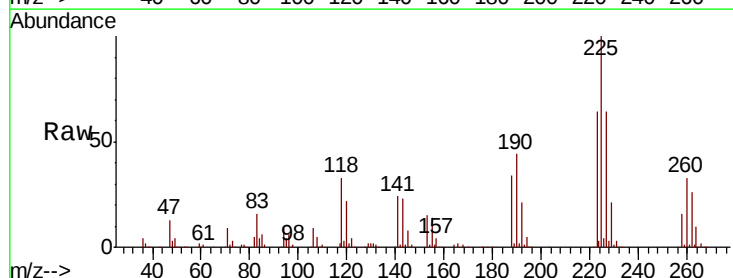
Instrument :
BNA_F
ClientSampleId :
PB120999BS

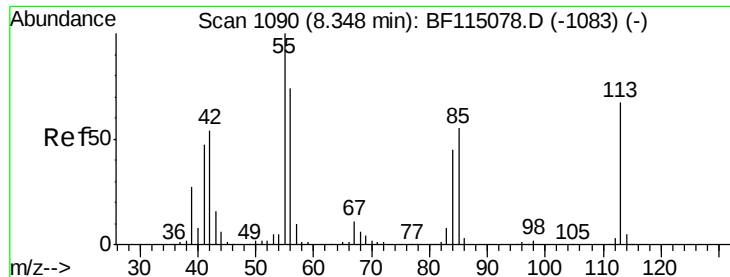
Tgt Ion:	127	Resp:	380485
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	25.4	21.4	32.2
92	17.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 45.093 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:	225	Resp:	387559
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.4	74.2
227	64.1	51.8	77.8

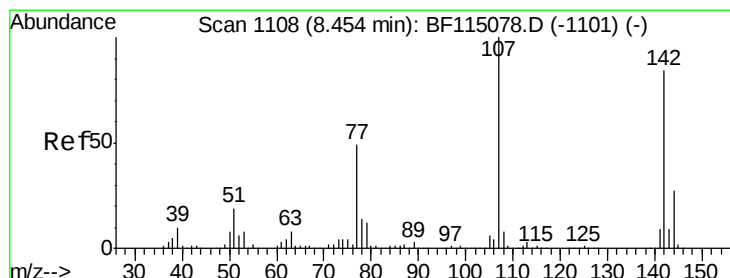
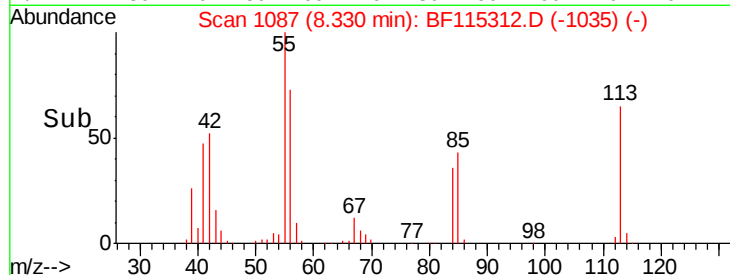
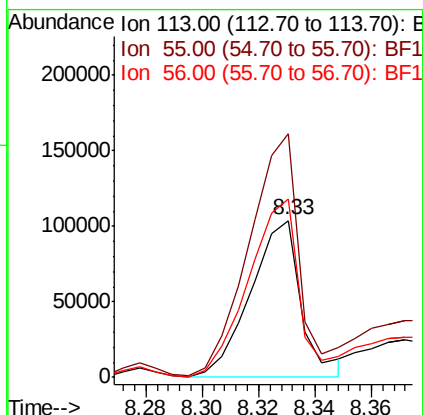
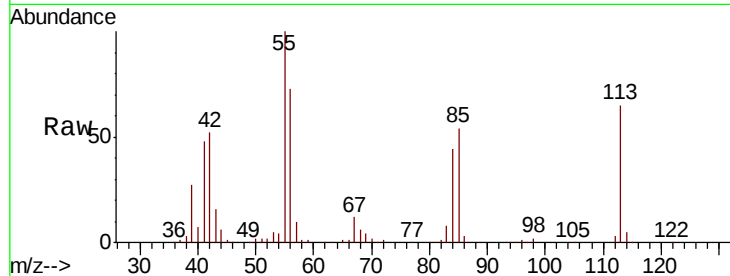




#35
 Caprolactam
 Concen: 26.961 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

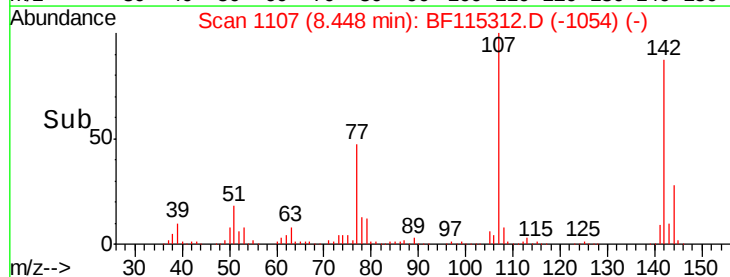
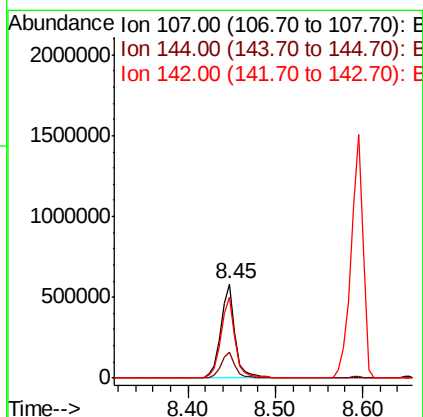
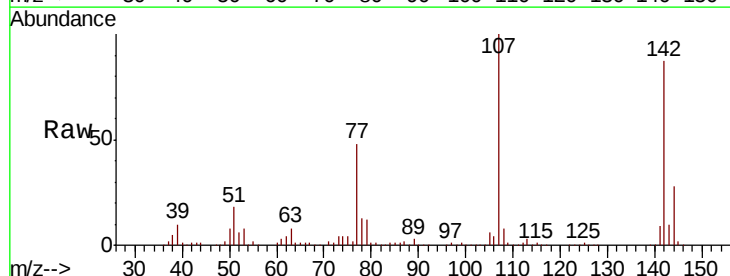
Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

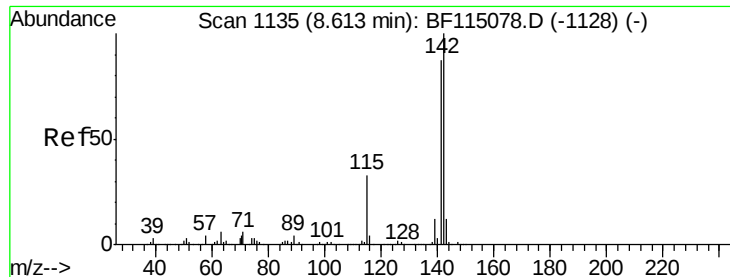
Tgt Ion:113 Resp: 128704
 Ion Ratio Lower Upper
 113 100
 55 155.0 130.2 170.2
 56 113.6 91.6 131.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.094 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:107 Resp: 662805
 Ion Ratio Lower Upper
 107 100
 144 28.4 21.7 32.5
 142 86.7 67.0 100.4

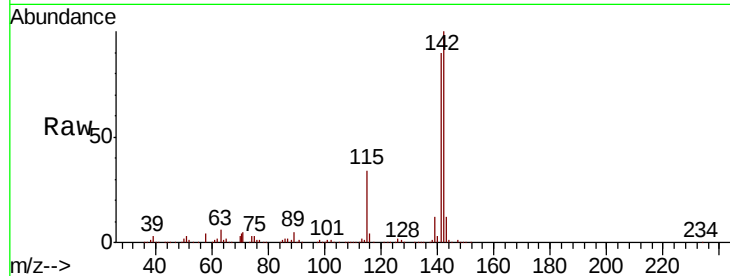




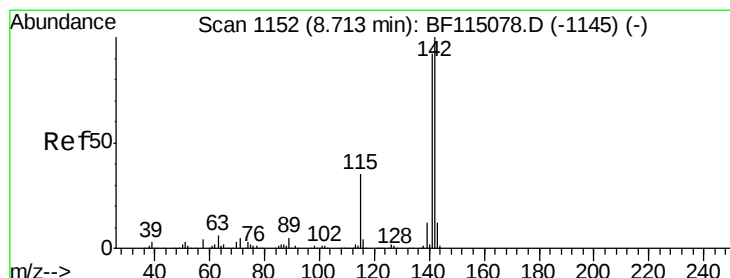
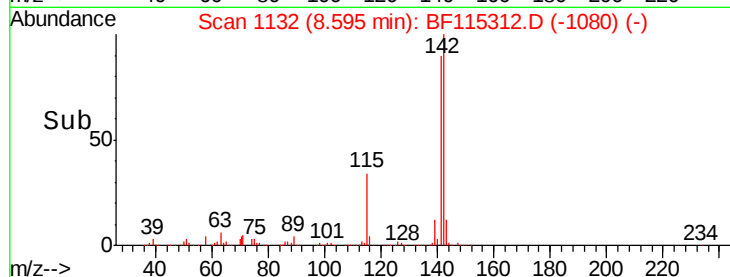
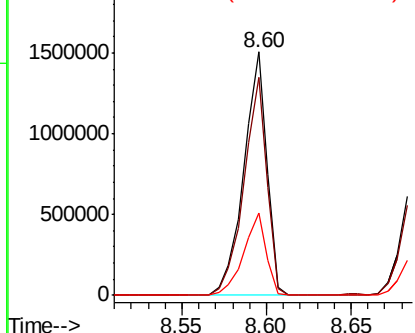
#37
 2-Methylnaphthalene
 Concen: 45.838 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:142 Resp: 1441477
 Ion Ratio Lower Upper
 142 100
 141 89.5 69.8 104.6
 115 33.9 26.7 40.1

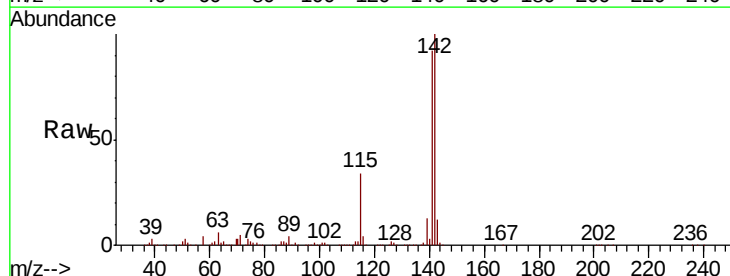


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

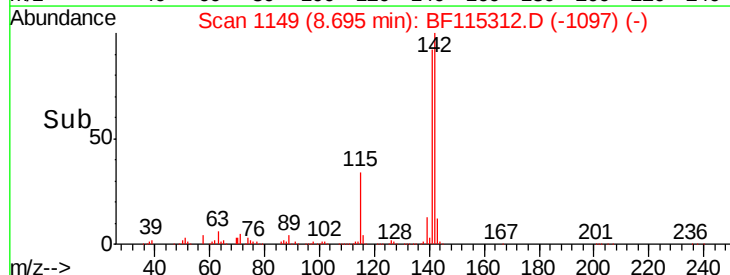
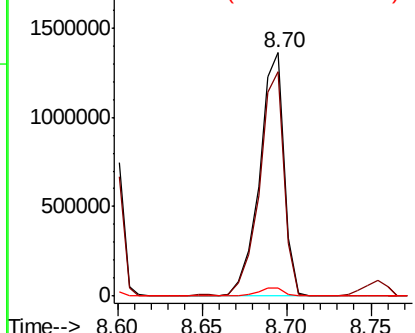


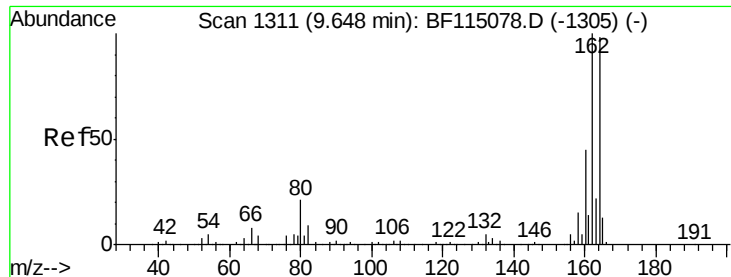
#38
 1-Methylnaphthalene
 Concen: 45.597 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:142 Resp: 1369478
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.8 110.8
 116 3.5 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

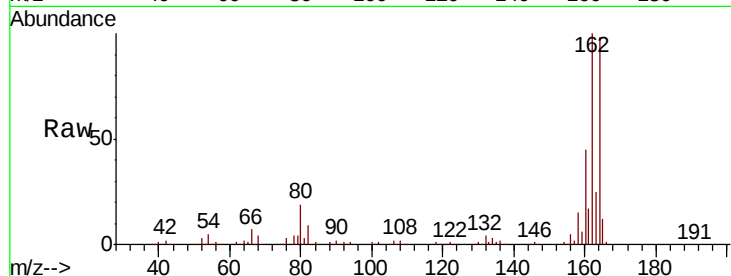




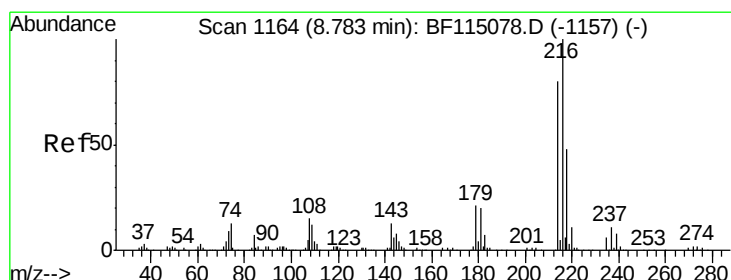
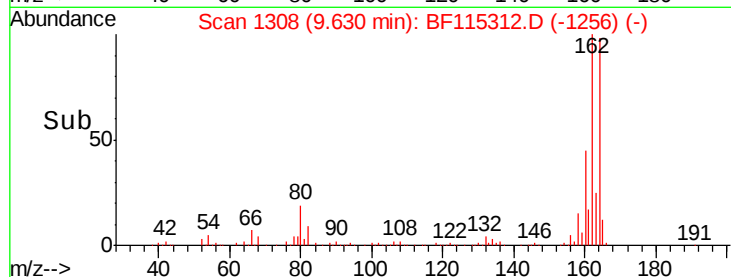
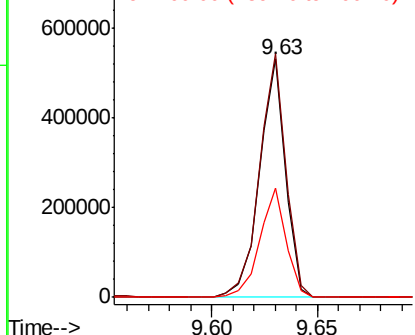
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:164 Resp: 455989
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 45.9 37.0 55.4

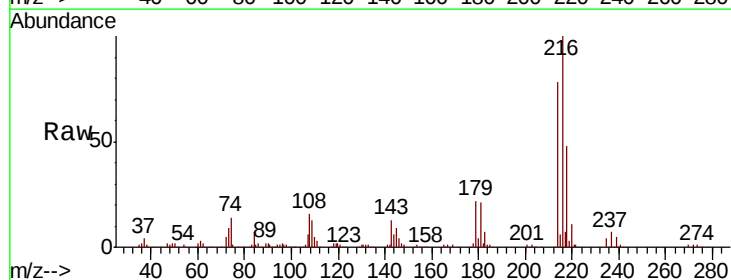


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

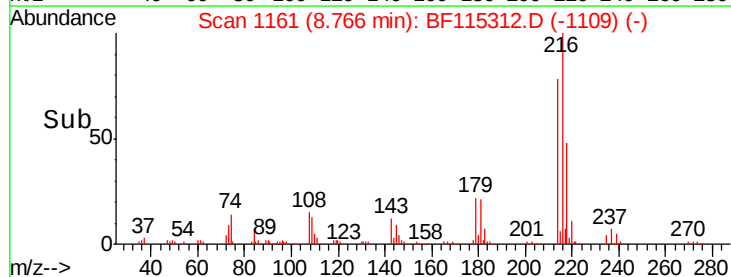
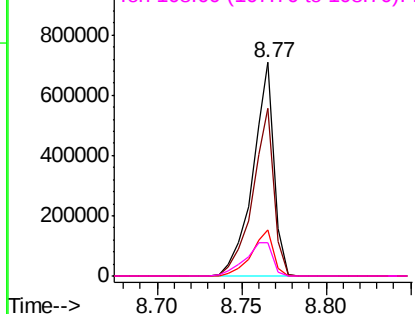


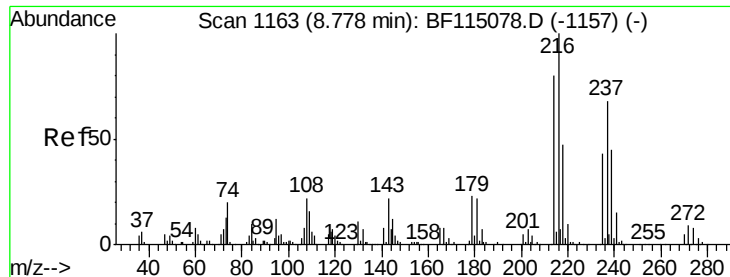
#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.110 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:216 Resp: 619926
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 22.1 17.6 26.4
108 20.6 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.235 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

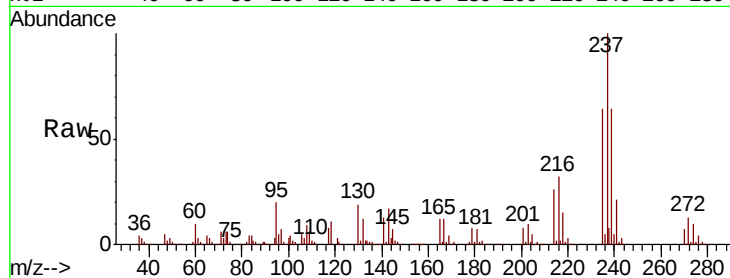
Tgt Ion: 237 Resp: 697089

Ion Ratio Lower Upper

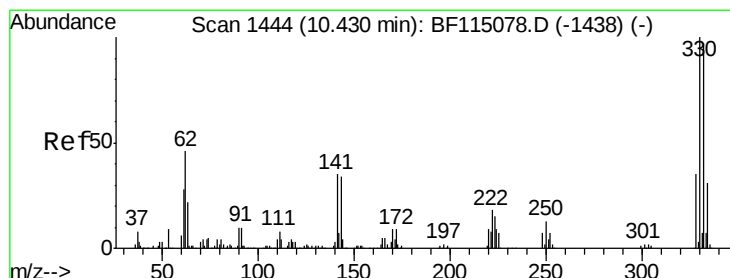
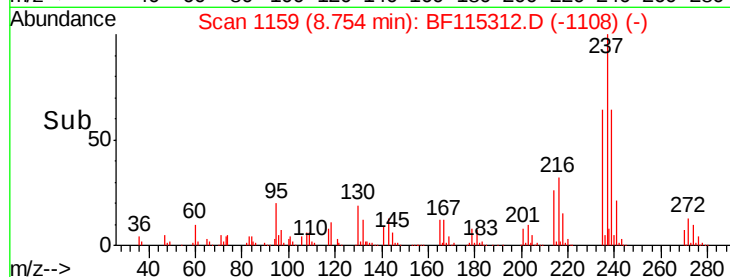
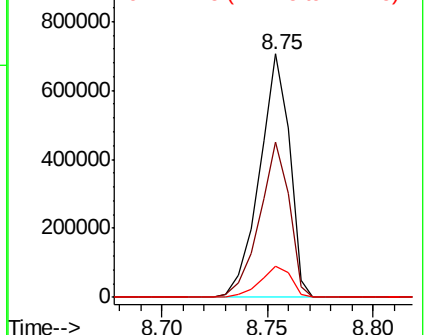
237 100

235 63.6 43.9 83.9

272 13.0 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.027 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

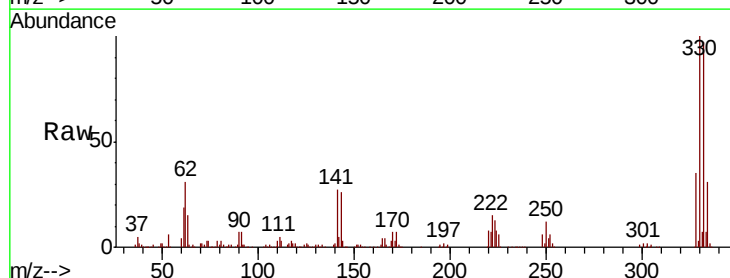
Tgt Ion: 330 Resp: 658905

Ion Ratio Lower Upper

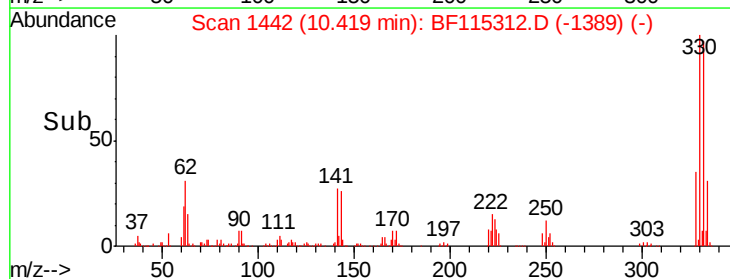
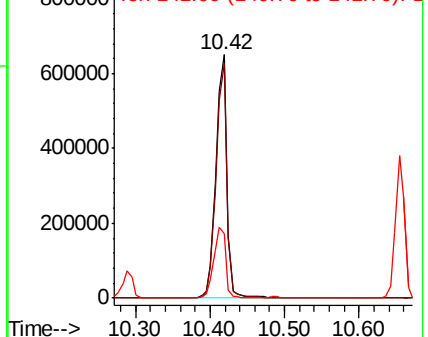
330 100

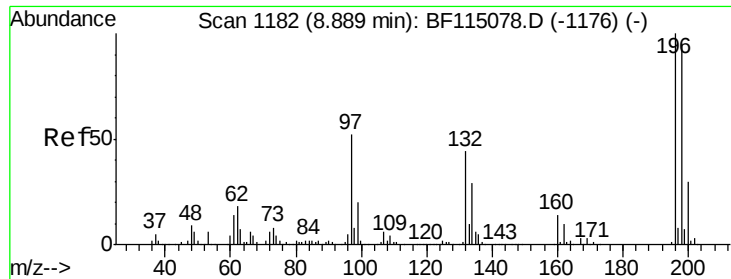
332 95.6 77.3 115.9

141 31.8 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

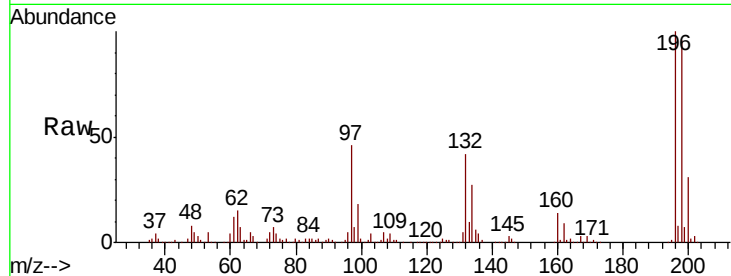




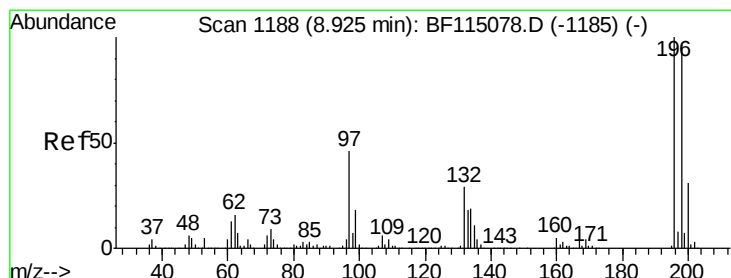
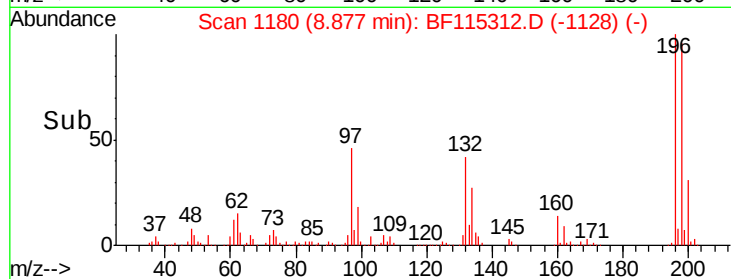
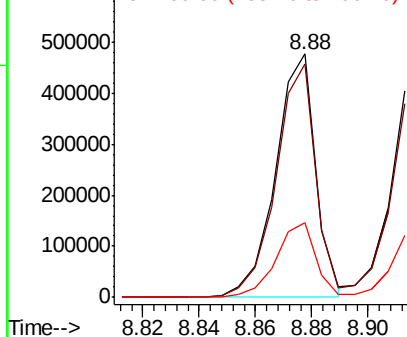
#43
 2,4,6-Trichlorophenol
 Concen: 47.083 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:196 Resp: 468382
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 30.9 24.2 36.4



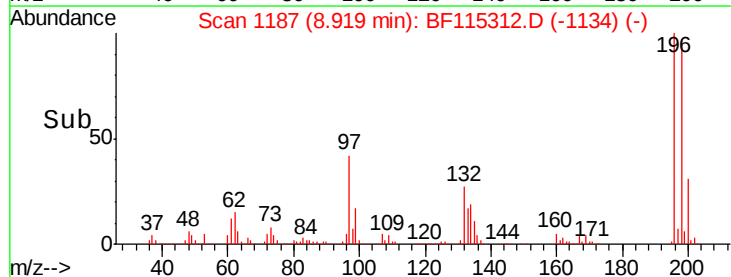
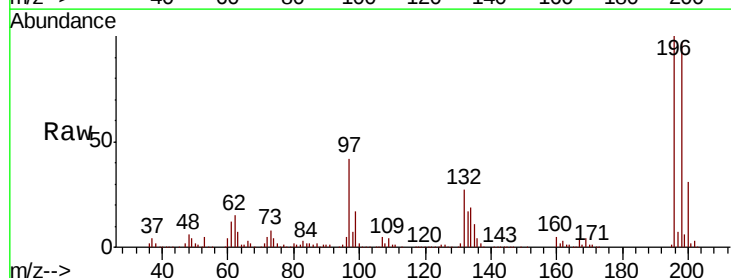
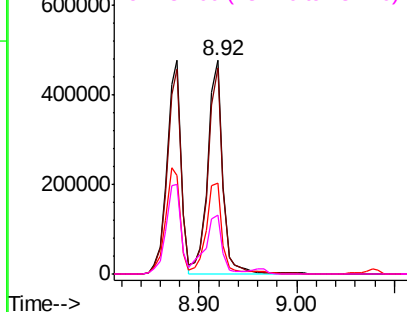
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

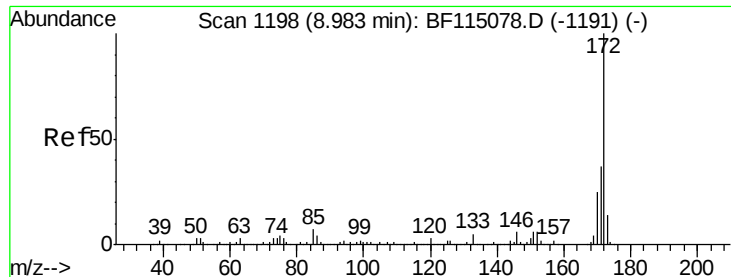


#44
 2,4,5-Trichlorophenol
 Concen: 49.621 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:196 Resp: 508345
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.1 115.7
 97 42.5 37.7 56.5
 132 27.3 23.1 34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

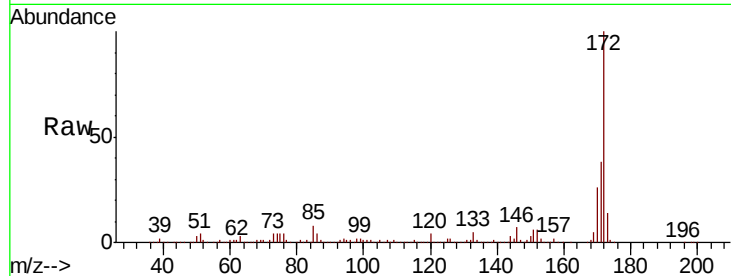




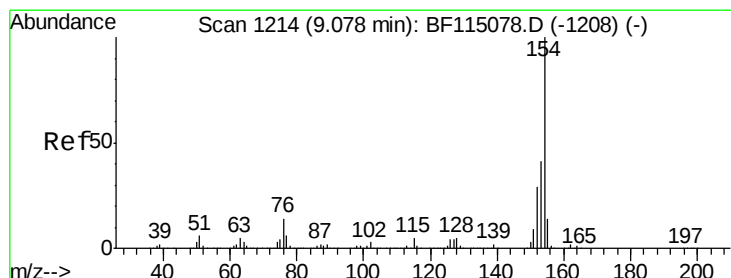
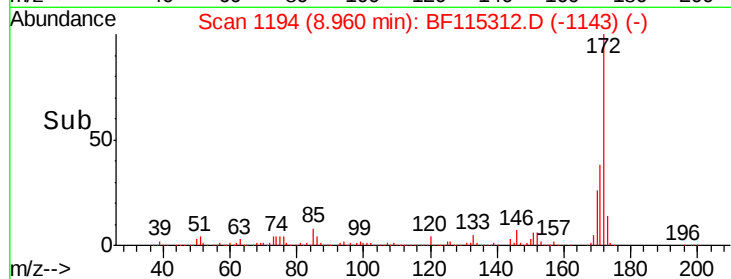
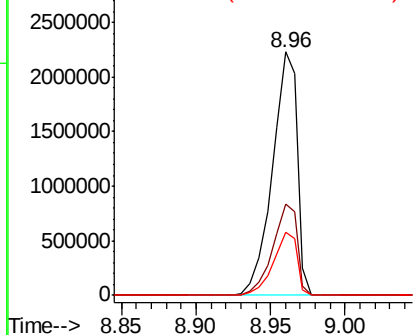
#45
 2-Fluorobiphenyl
 Concen: 95.941 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:172 Resp: 2575508
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.9 20.3 30.5

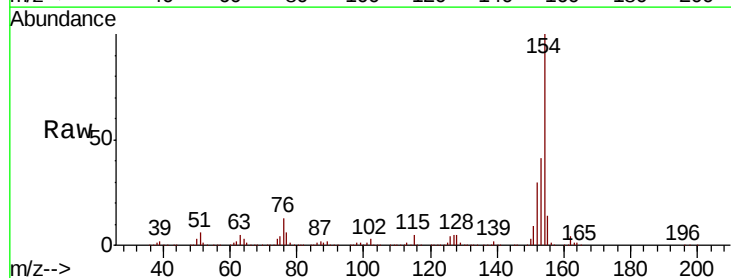


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

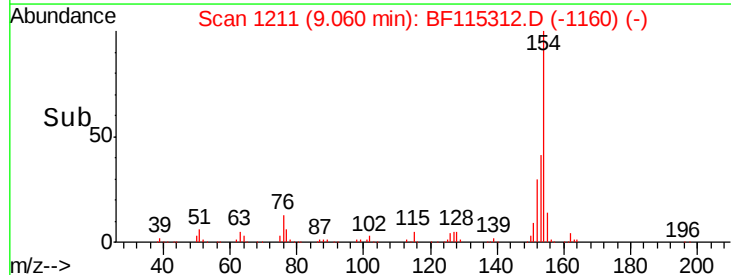
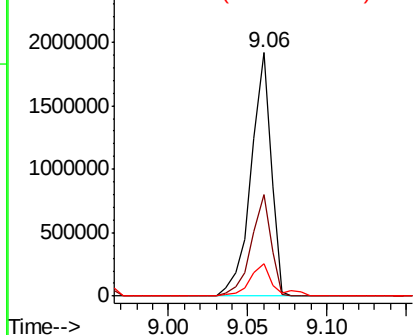


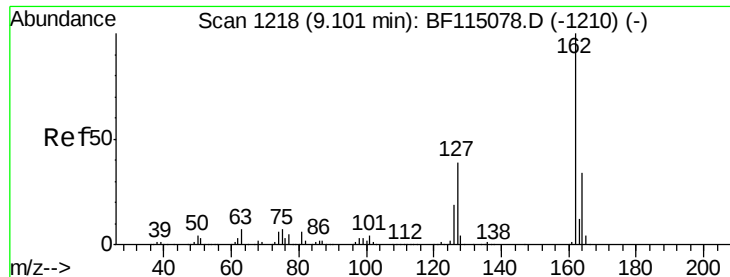
#46
 1,1'-Biphenyl
 Concen: 46.063 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:154 Resp: 1680647
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.9 60.9
 76 13.1 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

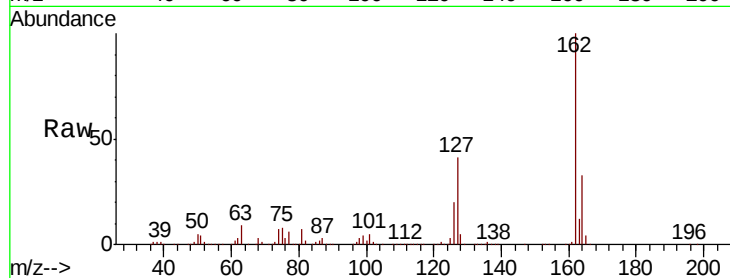




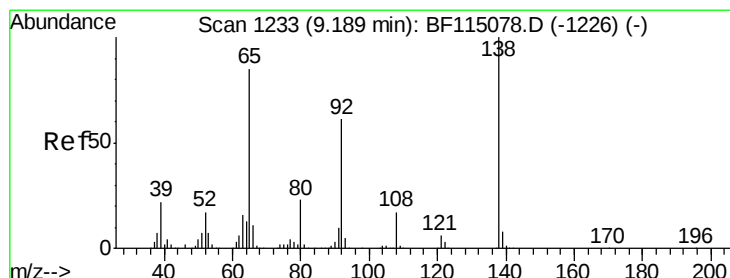
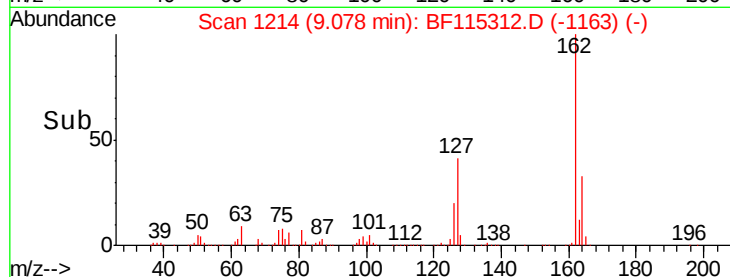
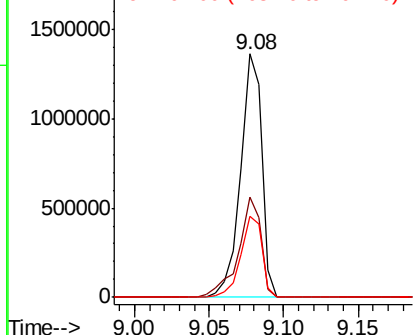
#47
2-Chloronaphthalene
Concen: 45.313 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion: 162 Resp: 1341068
Ion Ratio Lower Upper
162 100
127 41.3 30.8 46.2
164 33.2 27.0 40.4

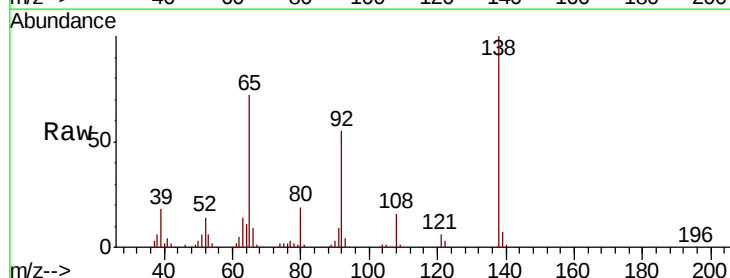


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

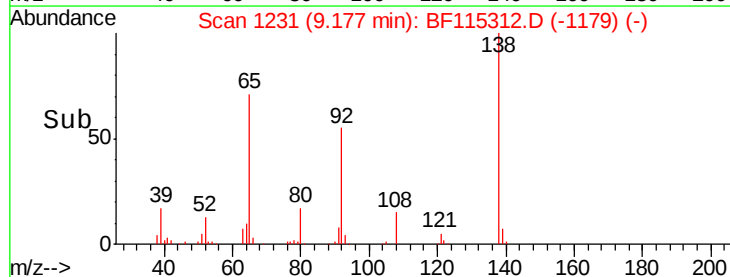
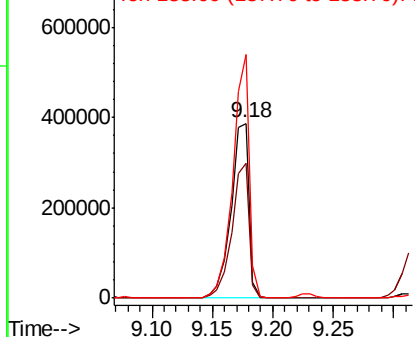


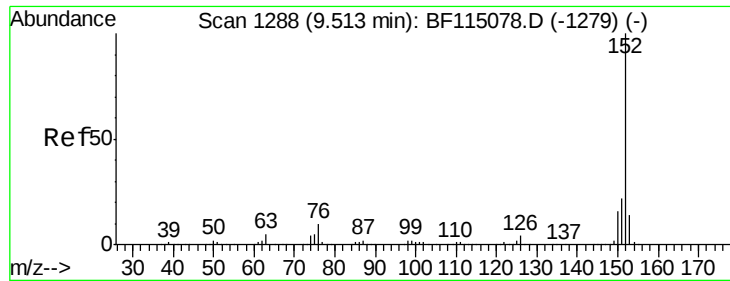
#48
2-Nitroaniline
Concen: 46.456 ng
RT: 9.18 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion: 65 Resp: 400840
Ion Ratio Lower Upper
65 100
92 77.1 57.4 86.2
138 139.4 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.061 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

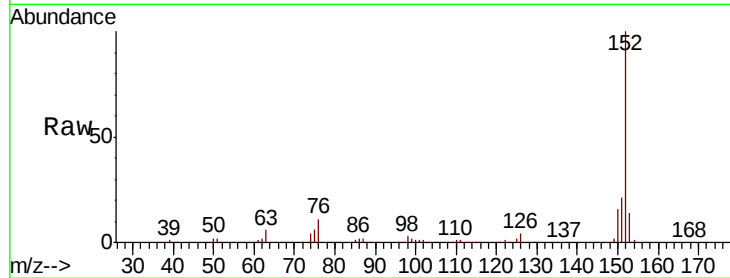
Tgt Ion:152 Resp: 2077812

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

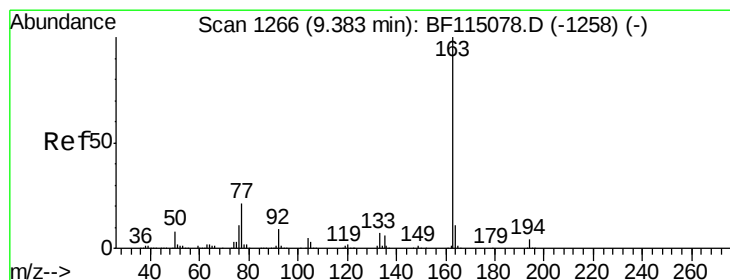
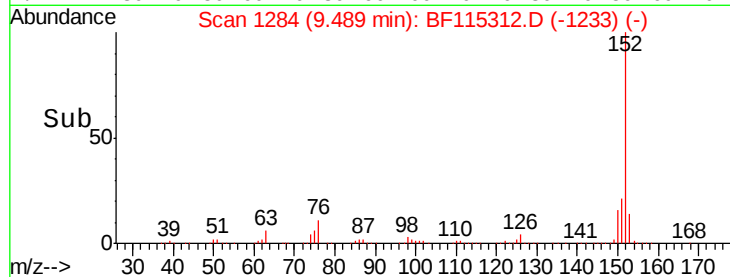
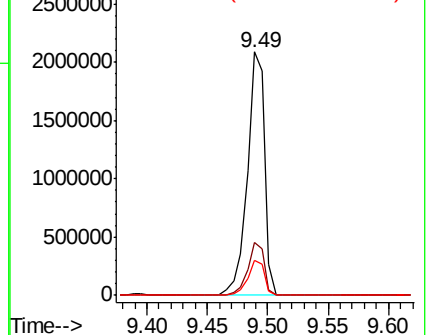
153 14.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.214 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

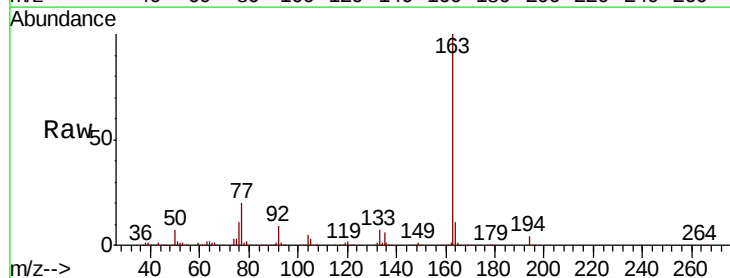
Tgt Ion:163 Resp: 1550378

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

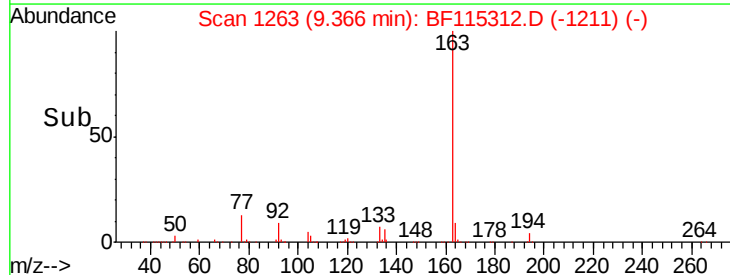
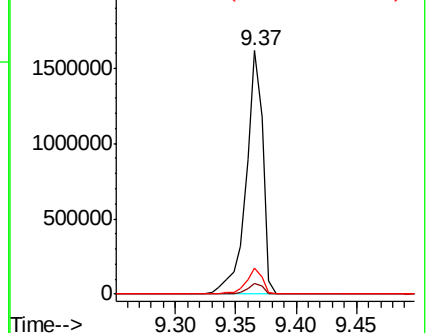
164 10.8 8.6 13.0

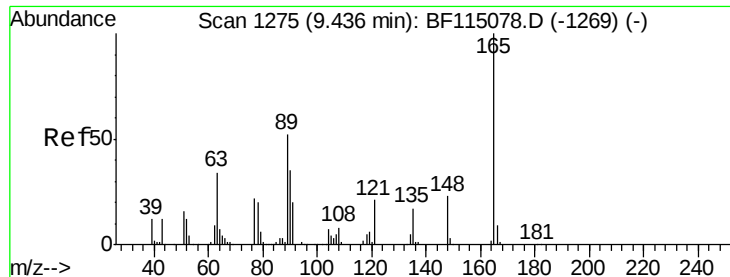


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.693 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

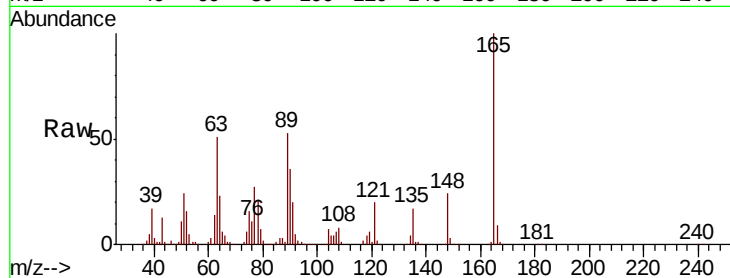
Tgt Ion:165 Resp: 369390

Ion Ratio Lower Upper

165 100

63 50.8 39.4 59.2

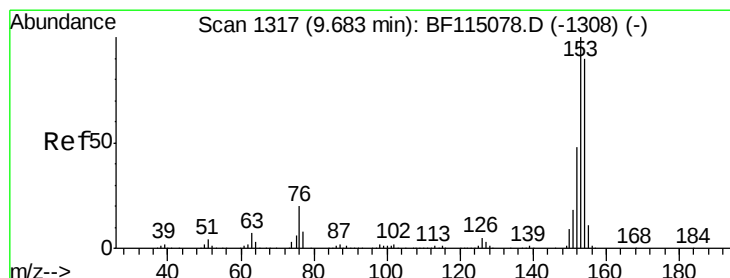
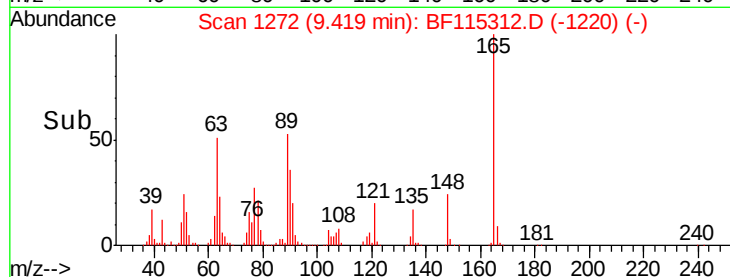
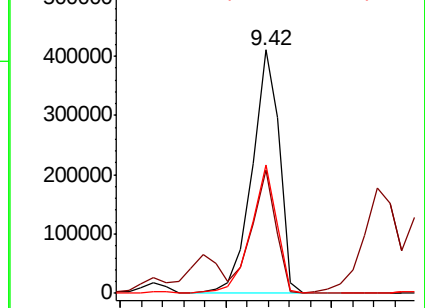
89 52.9 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.988 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

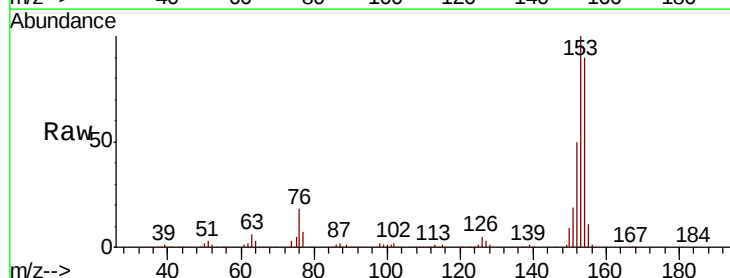
Tgt Ion:154 Resp: 1211496

Ion Ratio Lower Upper

154 100

153 111.6 88.7 133.1

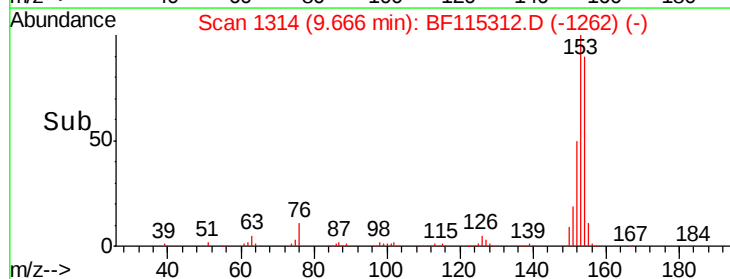
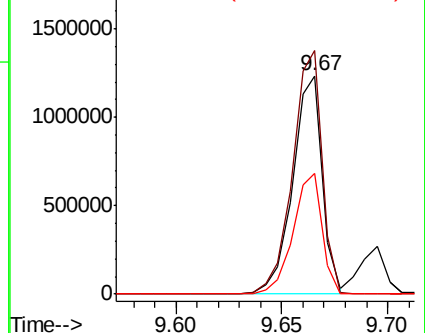
152 55.5 42.6 64.0

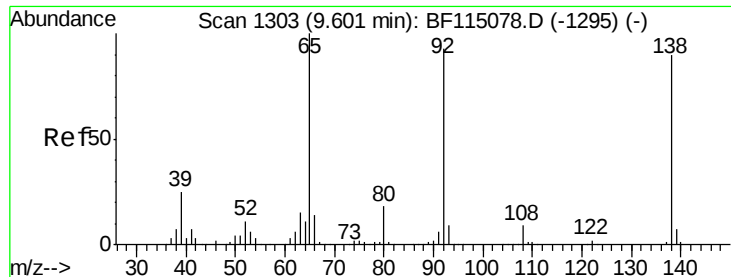


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

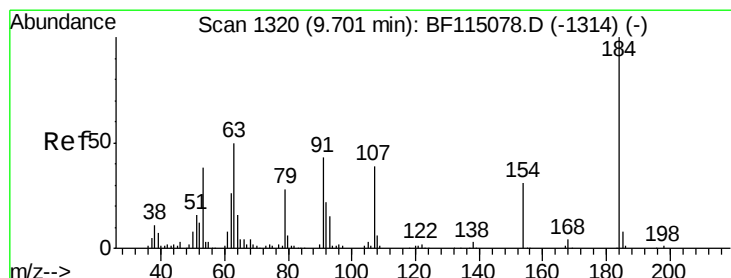
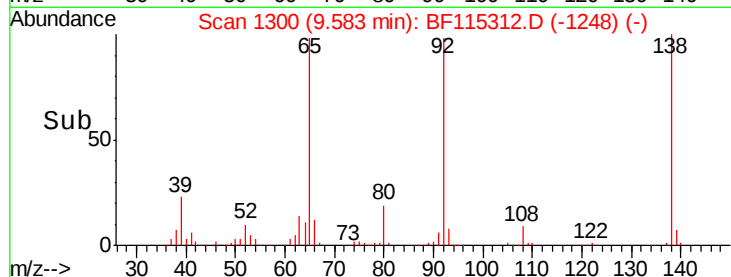
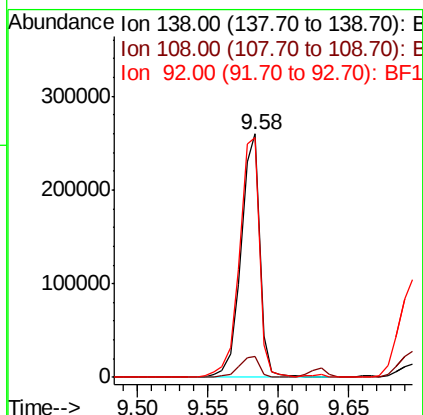
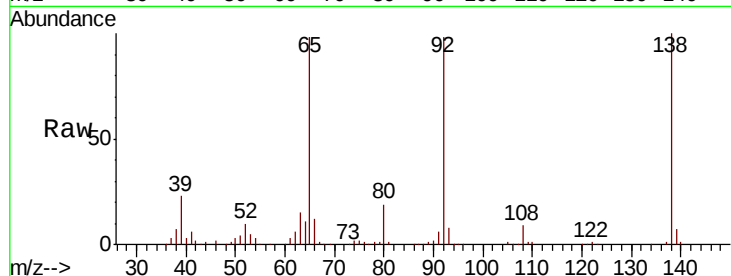




#53
 3-Nitroaniline
 Concen: 25.544 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

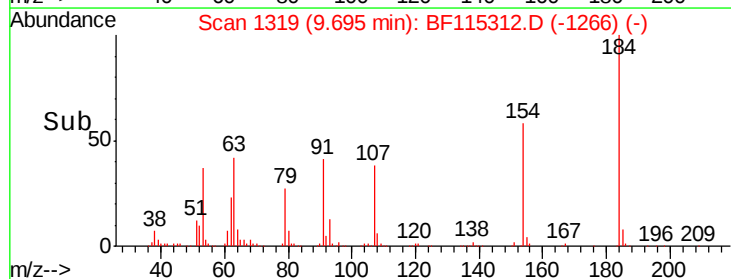
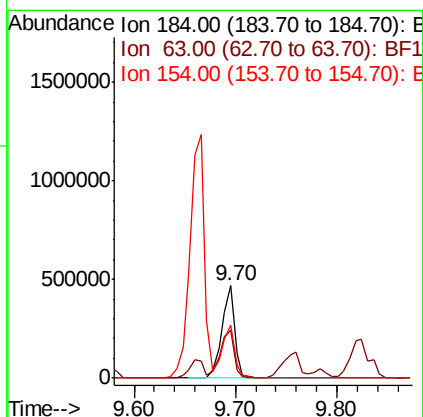
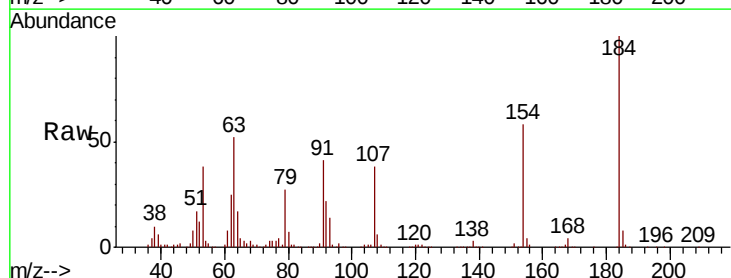
Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

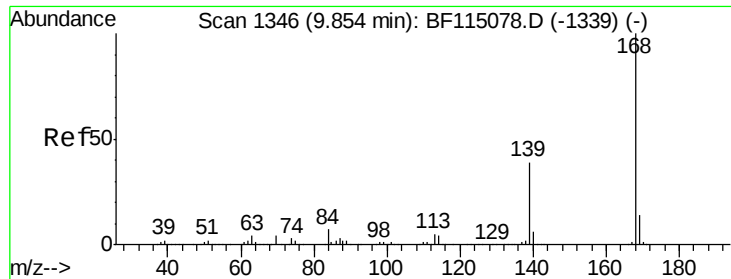
Tgt Ion:138 Resp: 241438
 Ion Ratio Lower Upper
 138 100
 108 8.8 7.8 11.6
 92 98.3 82.9 124.3



#54
 2,4-Dinitrophenol
 Concen: 102.195 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:184 Resp: 416233
 Ion Ratio Lower Upper
 184 100
 63 51.5 41.9 62.9
 154 57.7 44.7 67.1

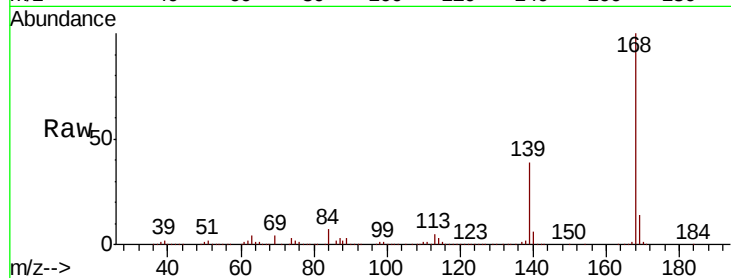




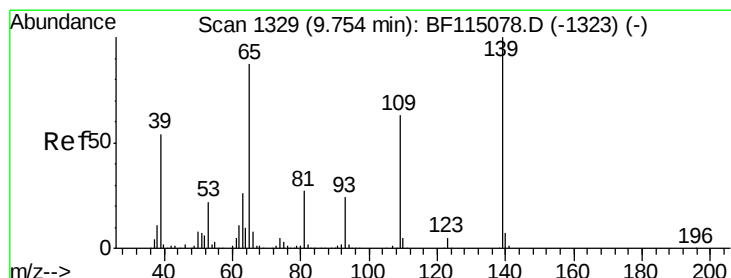
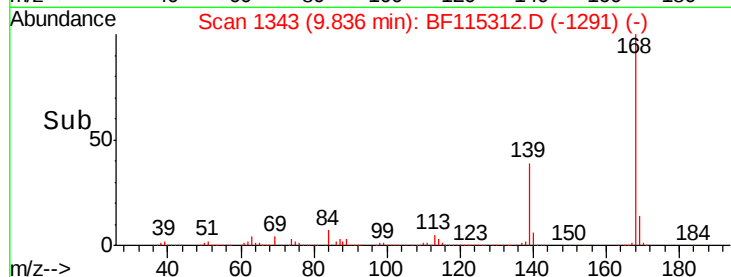
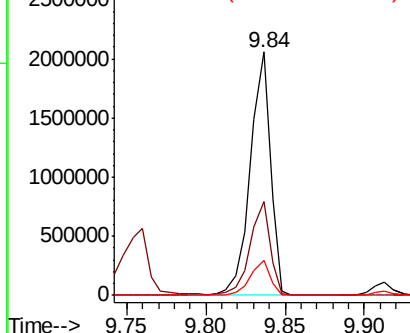
#55
Dibenzofuran
Concen: 43.985 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:168 Resp: 1821530
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 14.3 11.3 16.9

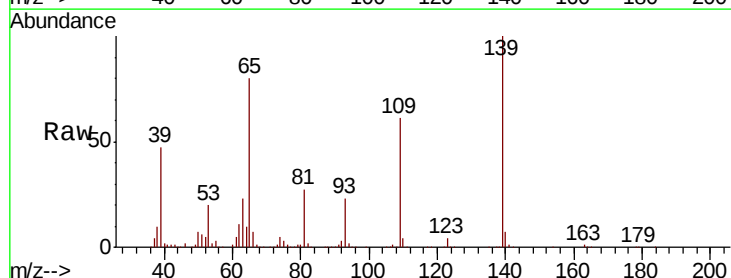


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

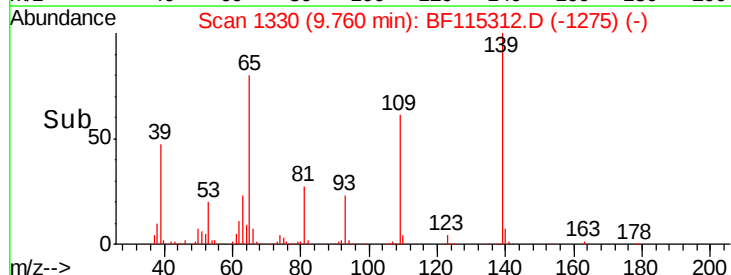
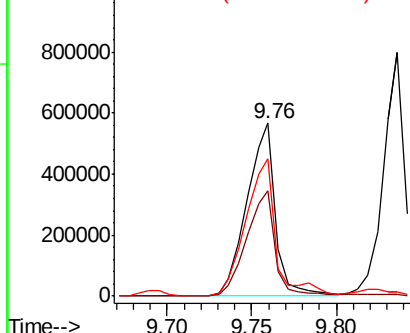


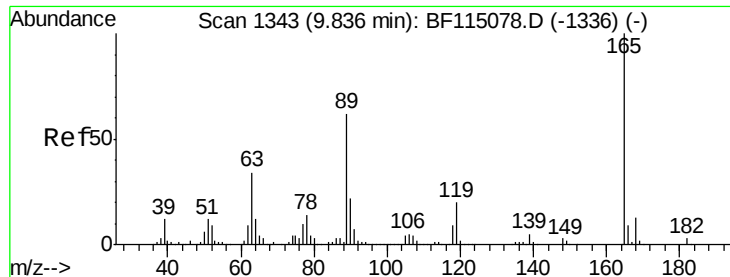
#56
4-Nitrophenol
Concen: 88.543 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:139 Resp: 670926
Ion Ratio Lower Upper
139 100
109 60.9 43.0 83.0
65 79.7 67.0 107.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

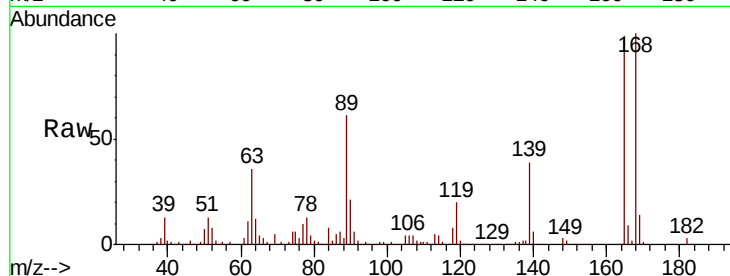




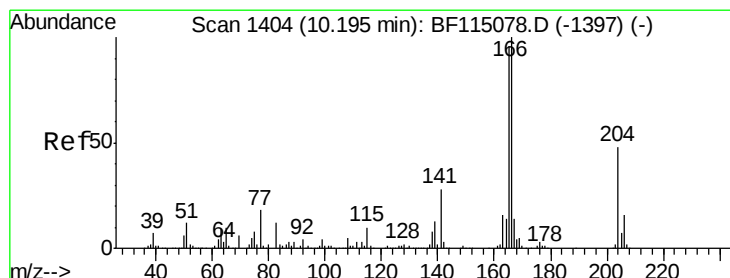
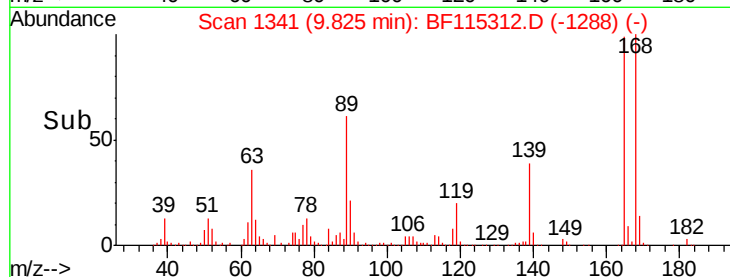
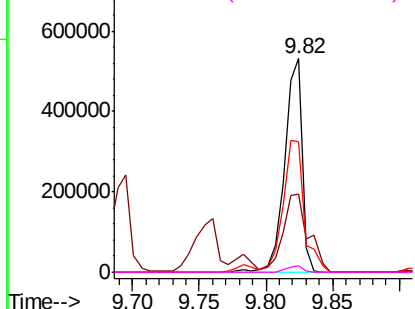
#57
2,4-Dinitrotoluene
Concen: 49.213 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:	165	Resp:	492160
Ion	Ratio	Lower	Upper
165	100		
63	36.8	27.5	41.3
89	61.2	49.9	74.9
182	2.8	2.1	3.1

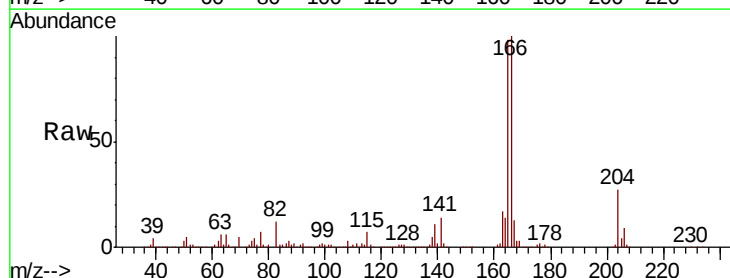


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

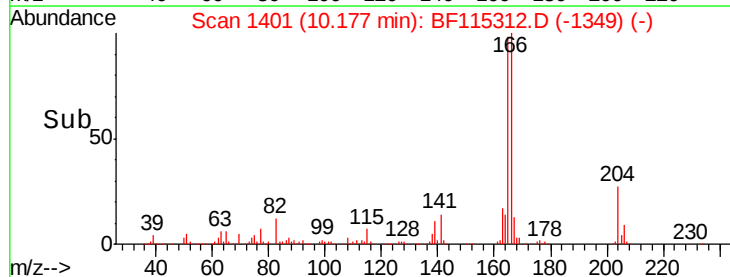
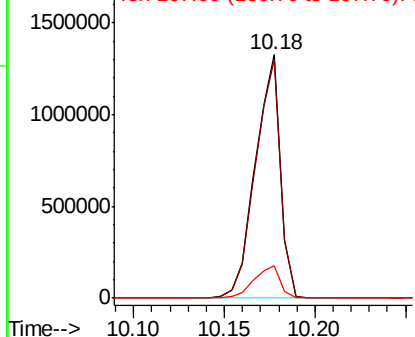


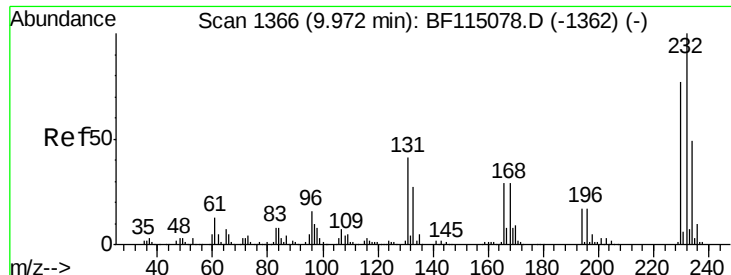
#58
Fluorene
Concen: 46.306 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:	166	Resp:	1271493
Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.5	114.7
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

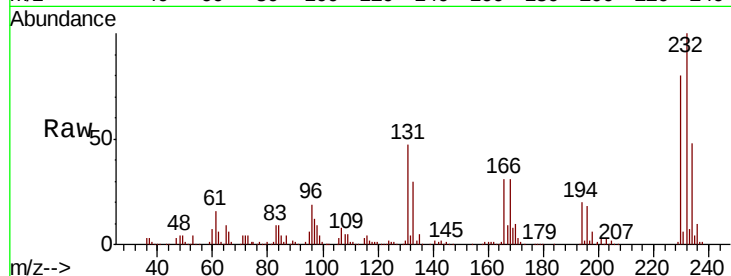




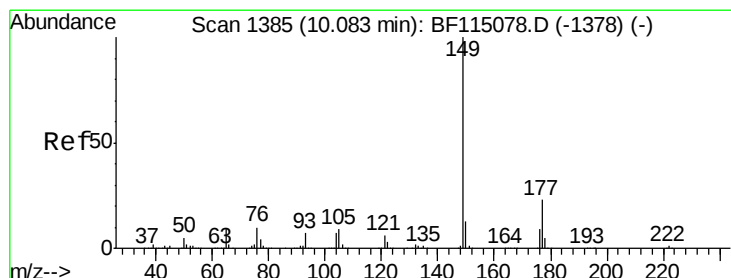
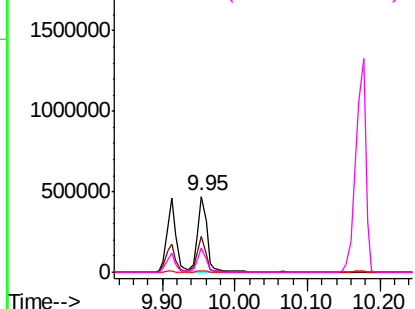
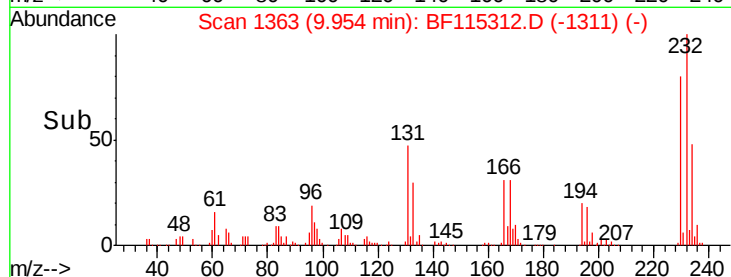
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.053 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:	232	Resp:	438556
Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.4	56.0
130	2.2	1.8	2.6
166	29.6	24.6	36.8

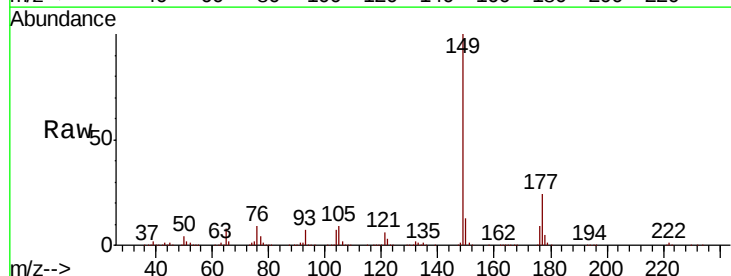


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

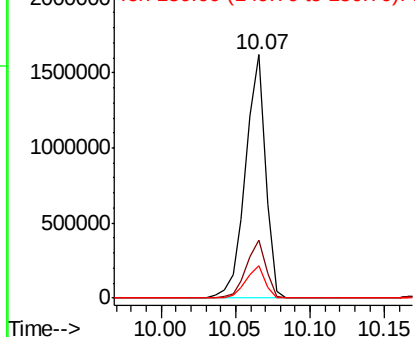
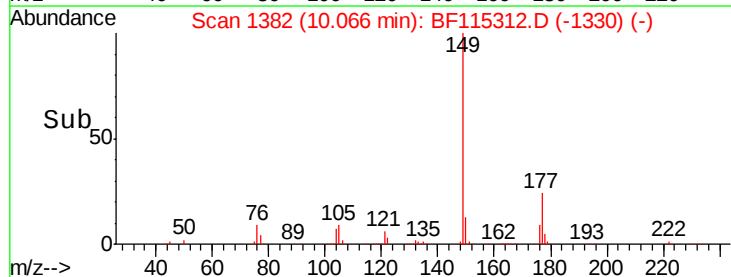


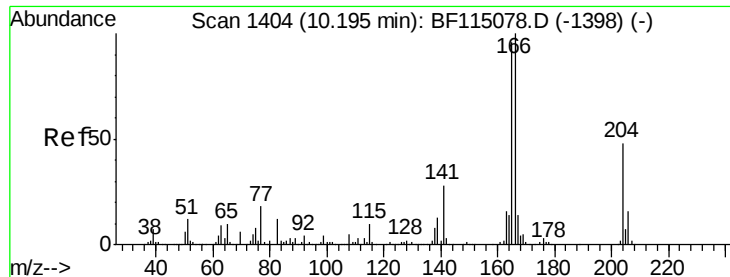
#60
 Diethylphthalate
 Concen: 44.706 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:	149	Resp:	1507614
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.2	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

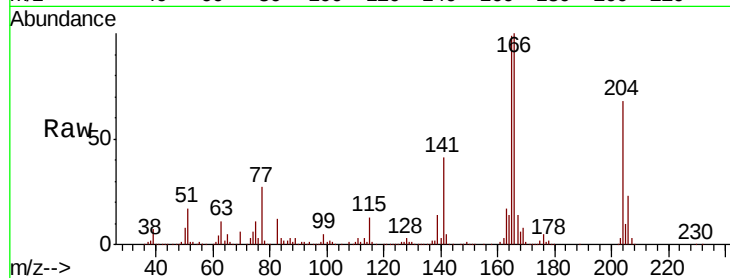




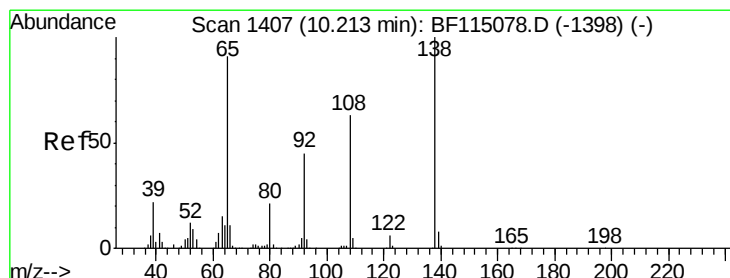
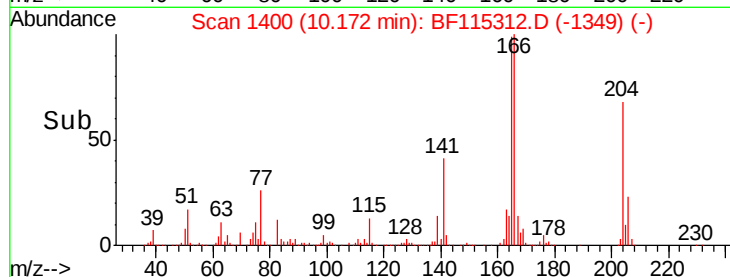
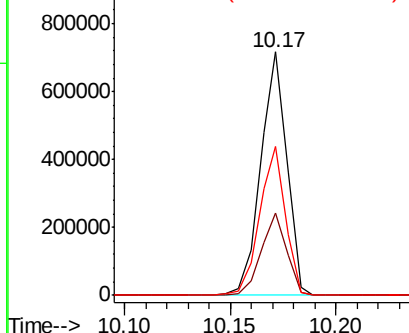
#61
 4-Chlorophenyl-phenylether
 Concen: 47.248 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:204 Resp: 614637
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.6 40.0
 141 61.2 46.7 70.1

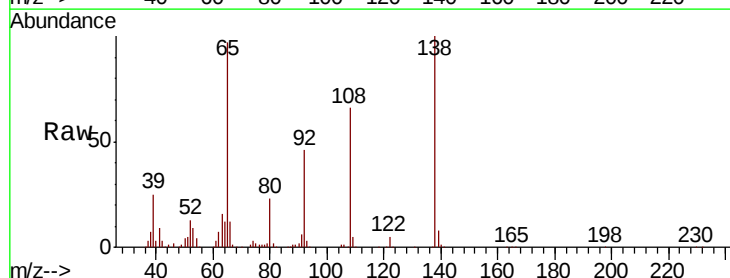


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

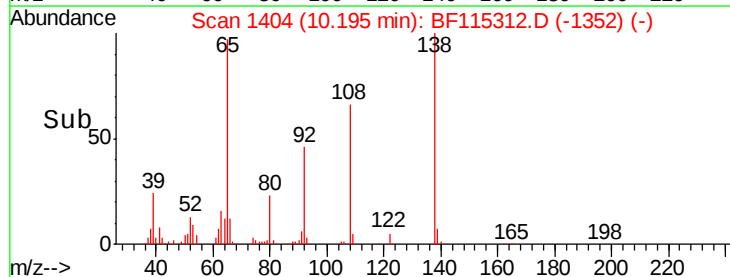
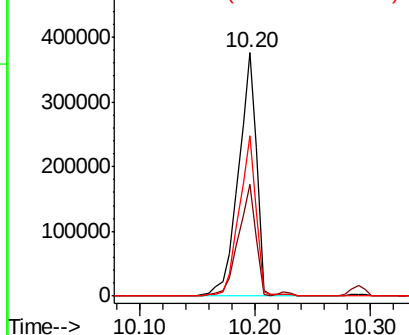


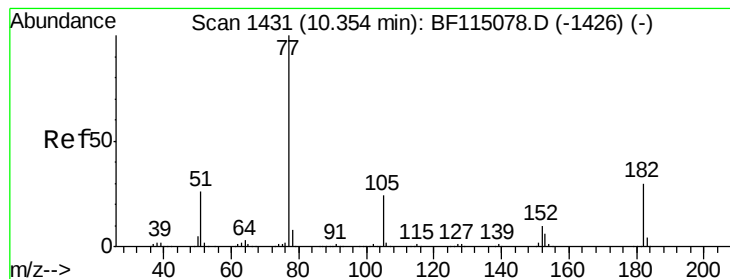
#62
 4-Nitroaniline
 Concen: 43.298 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:138 Resp: 410547
 Ion Ratio Lower Upper
 138 100
 92 46.1 24.8 64.8
 108 65.8 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.477 ng

RT: 10.33 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion: 77 Resp: 1400953

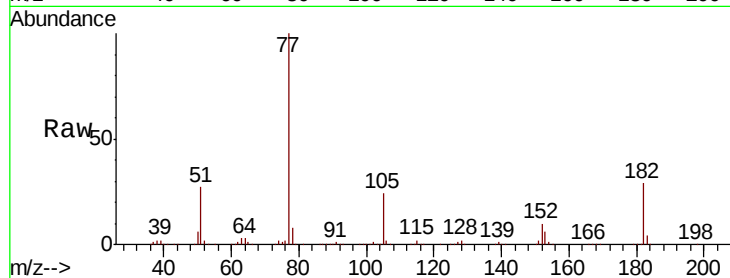
Ion Ratio Lower Upper

77 100

182 28.6 10.1 50.1

105 24.2 4.5 44.5

51 26.8 6.4 46.4

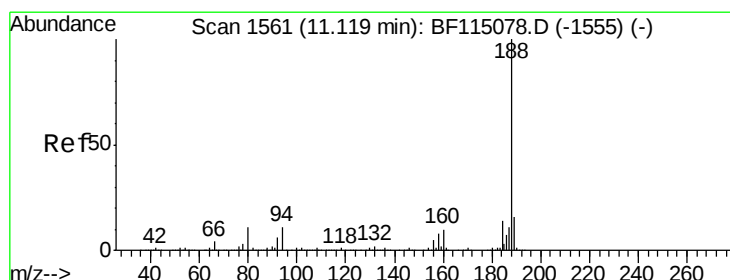
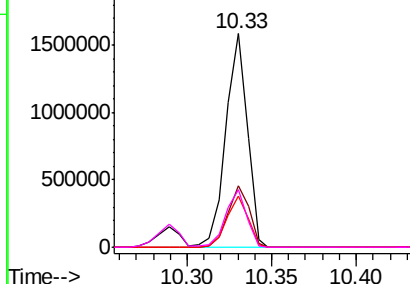
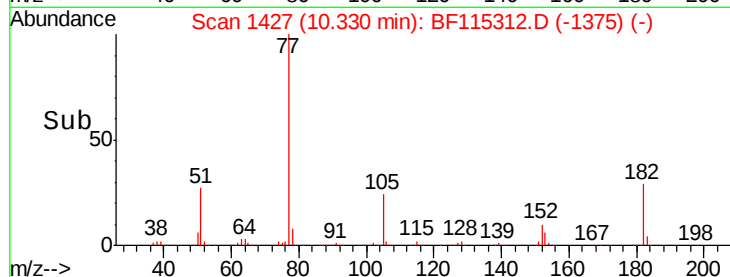


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

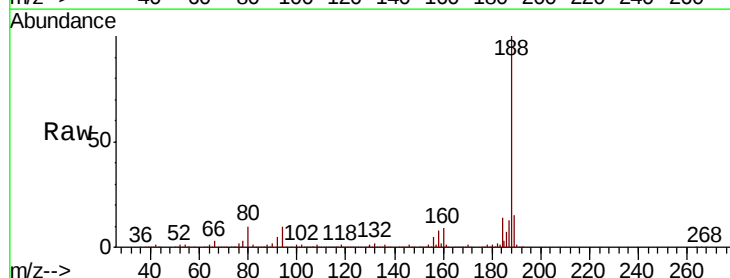
Tgt Ion: 188 Resp: 890708

Ion Ratio Lower Upper

188 100

94 9.6 8.6 12.8

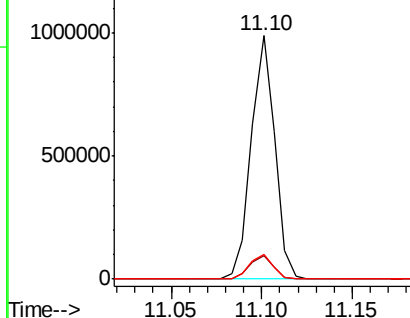
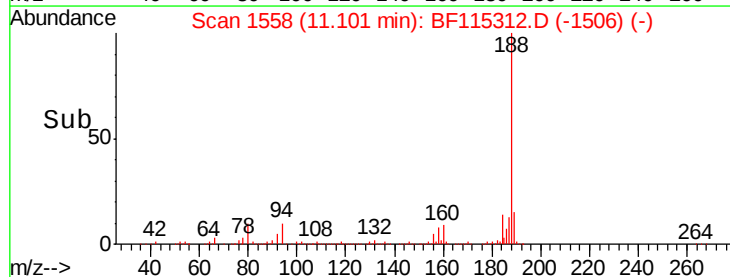
80 10.0 8.8 13.2

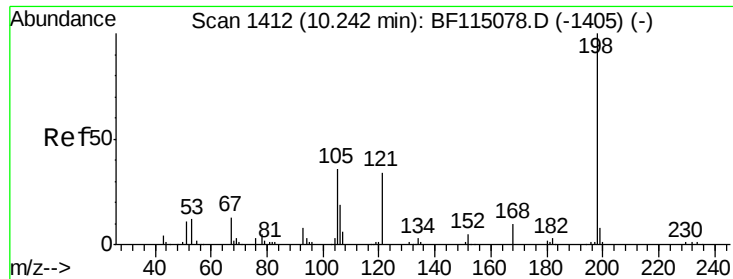


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

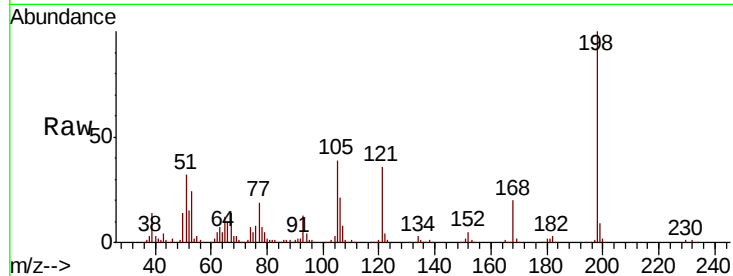




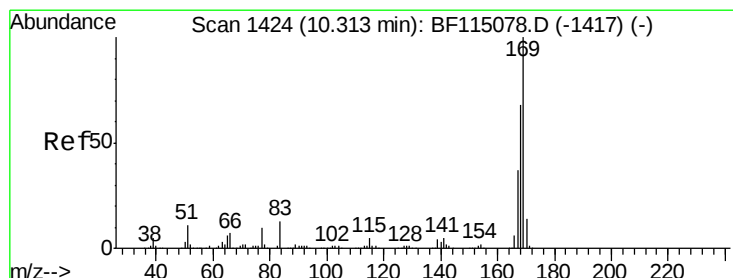
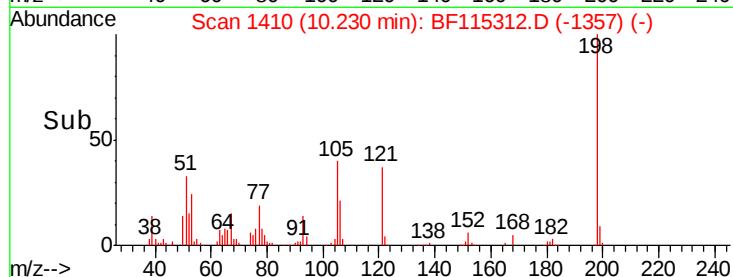
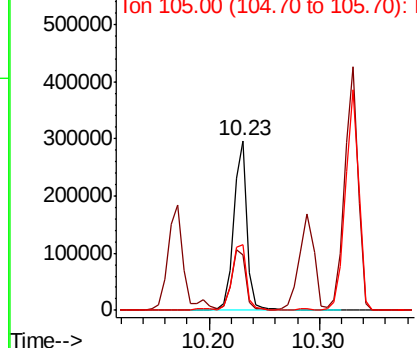
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.093 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampled :
 PB120999BS

Tgt Ion:198 Resp: 249123
 Ion Ratio Lower Upper
 198 100
 51 32.4 11.0 51.0
 105 38.7 17.3 57.3

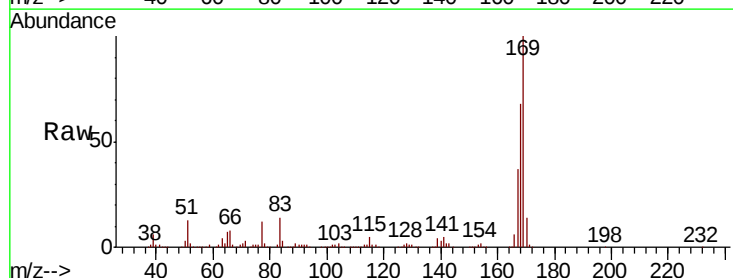


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

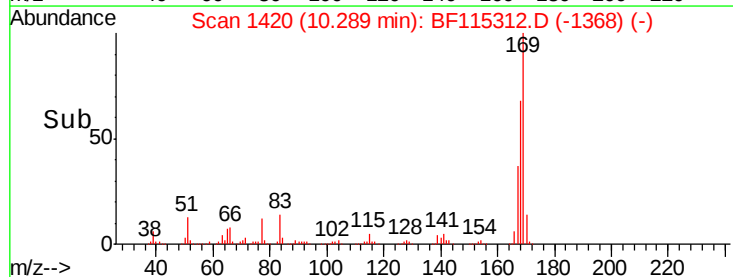
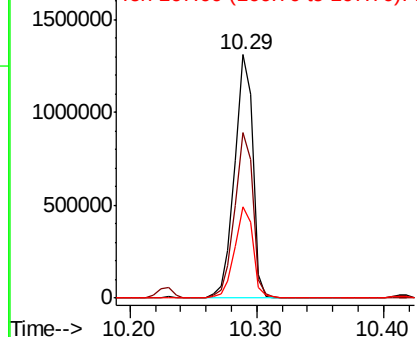


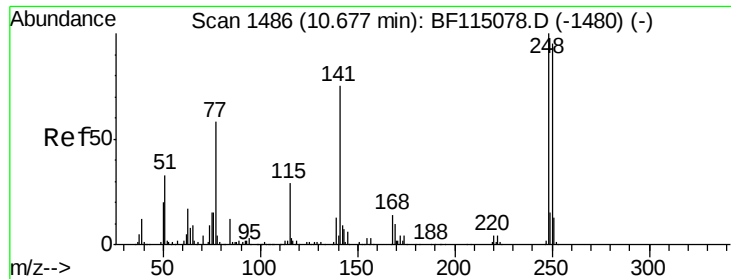
#66
 n-Nitrosodiphenylamine
 Concen: 46.214 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:169 Resp: 1282421
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.2 81.4
 167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

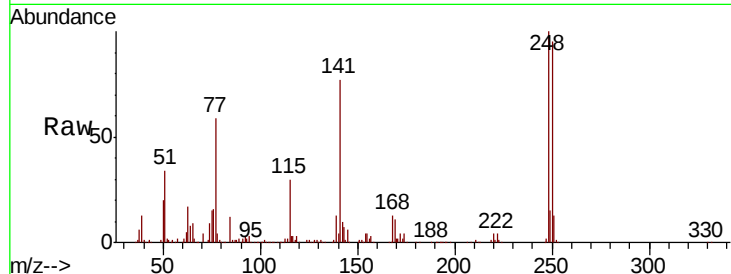




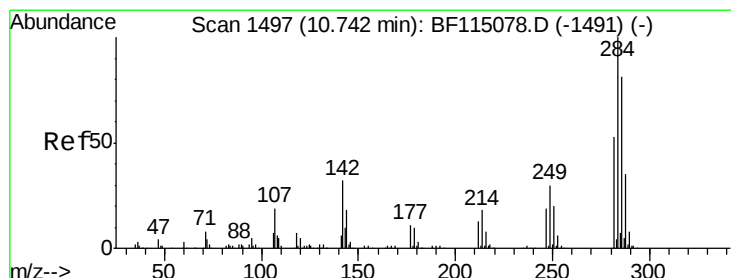
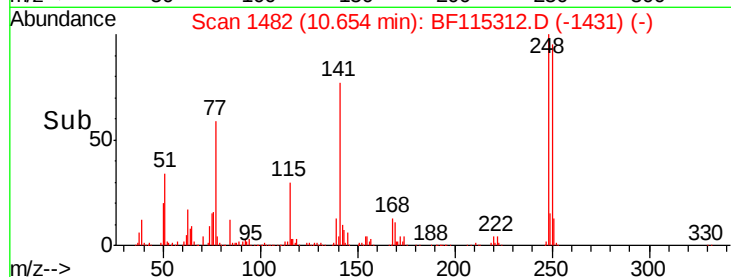
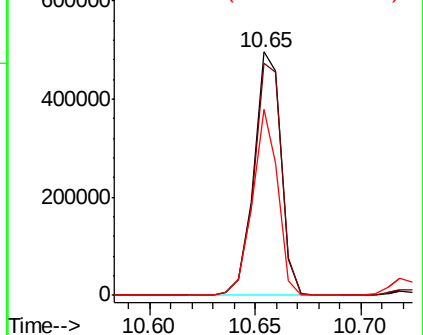
#67
4-Bromophenyl-phenylether
Concen: 45.943 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:248 Resp: 443675
Ion Ratio Lower Upper
248 100
250 95.1 76.2 114.2
141 76.6 59.6 89.4

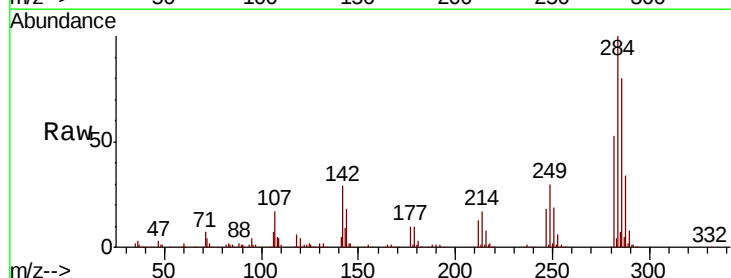


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

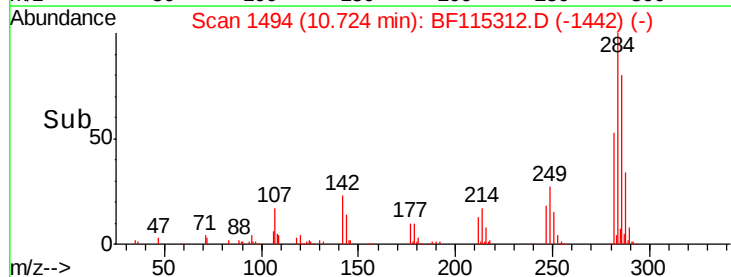
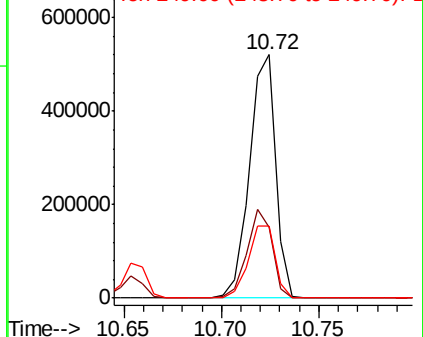


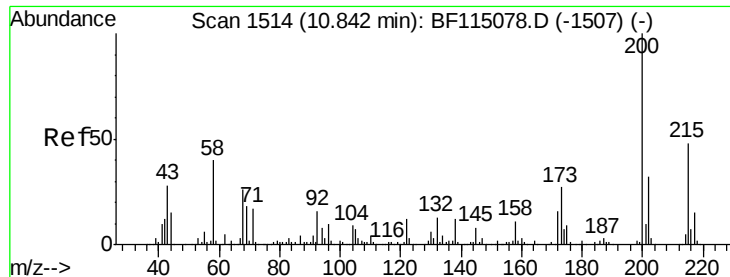
#68
Hexachlorobenzene
Concen: 46.061 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:284 Resp: 482822
Ion Ratio Lower Upper
284 100
142 29.3 25.8 38.8
249 29.5 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

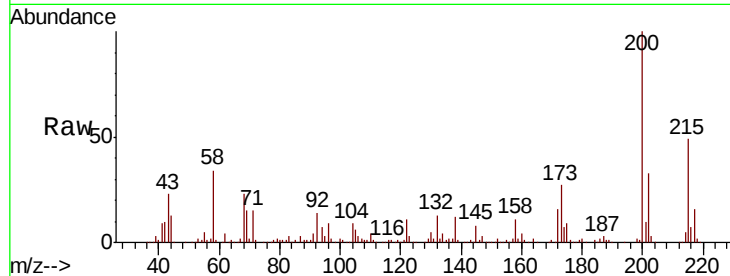




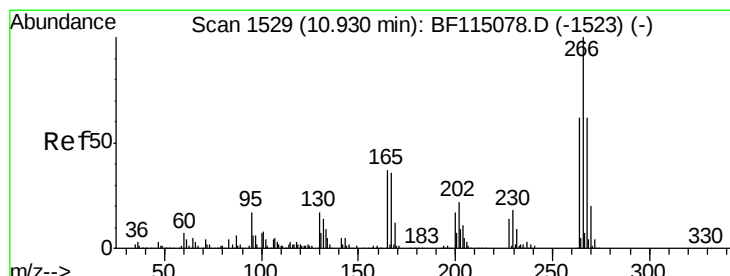
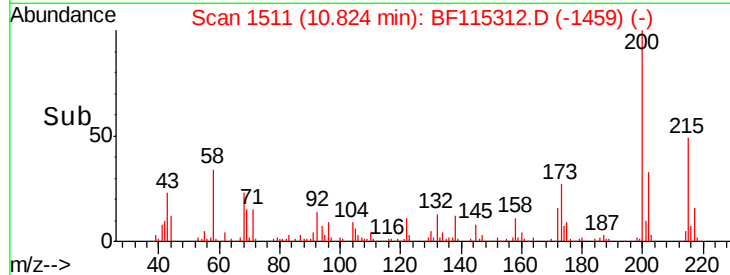
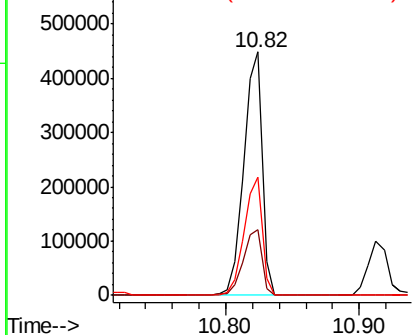
#69
 Atrazine
 Concen: 47.585 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:200 Resp: 424774
 Ion Ratio Lower Upper
 200 100
 173 27.2 7.4 47.4
 215 48.6 27.8 67.8

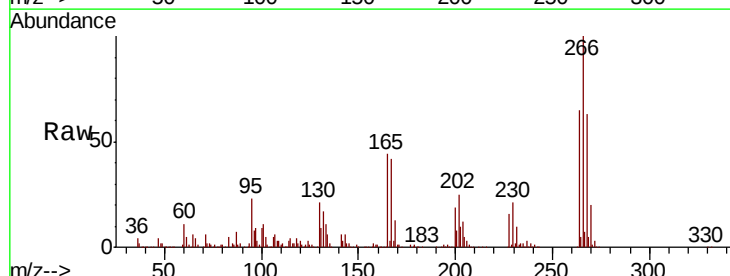


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

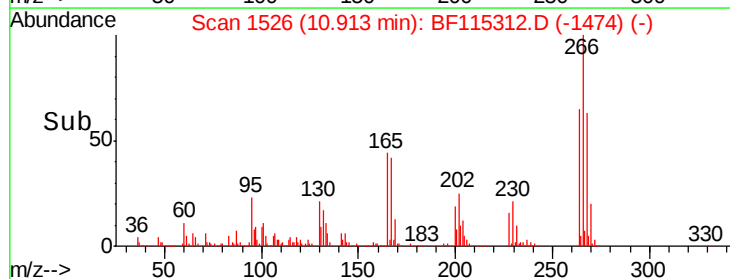
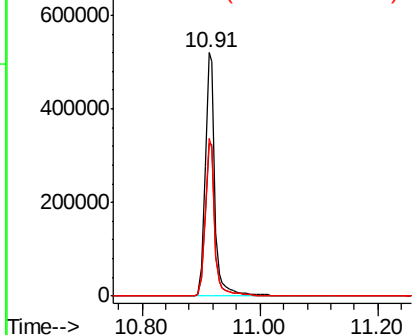


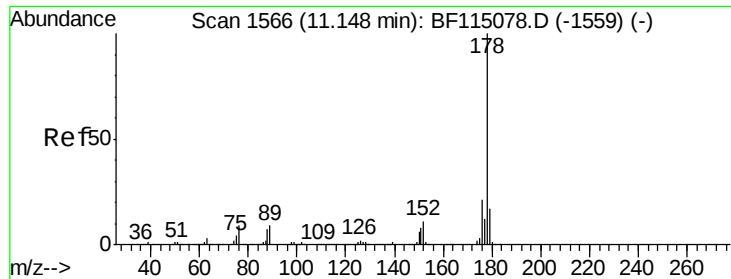
#70
 Pentachlorophenol
 Concen: 89.487 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:266 Resp: 597586
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.5 74.3
 264 64.7 49.3 73.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

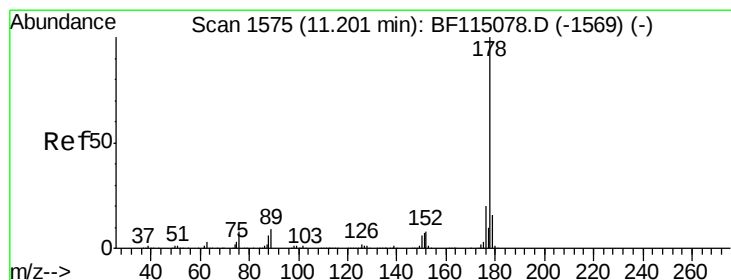
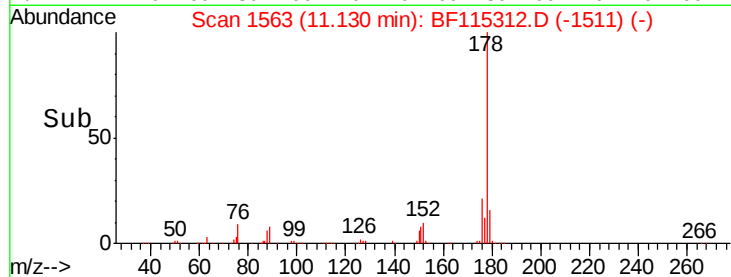
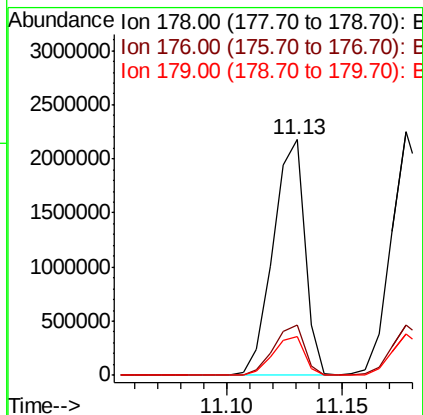
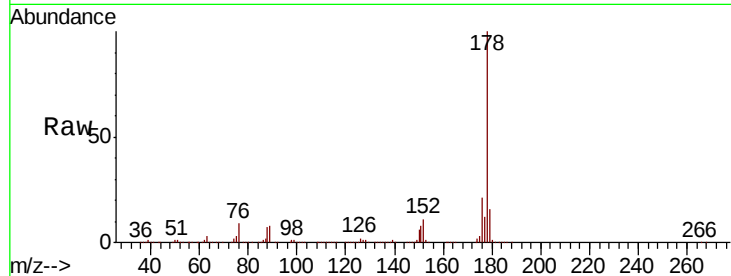




#71
Phenanthrene
Concen: 43.335 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

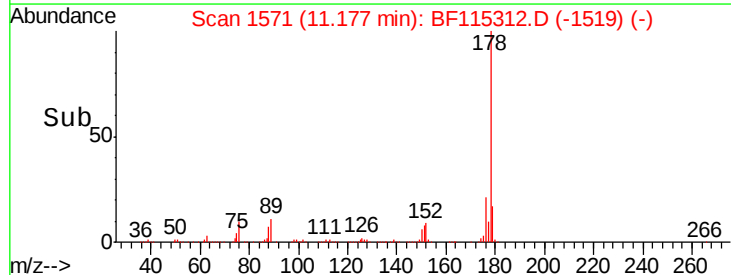
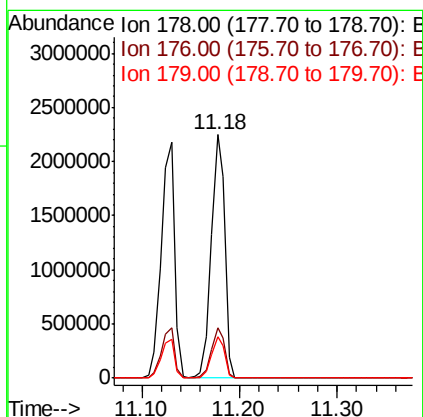
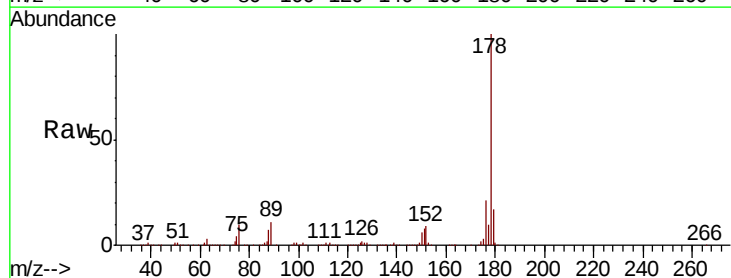
Instrument :
BNA_F
ClientSampleId :
PB120999BS

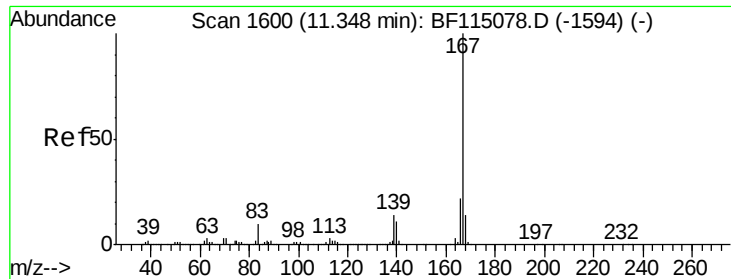
Tgt Ion:178 Resp: 2078232
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.5 13.2 19.8



#72
Anthracene
Concen: 44.589 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:178 Resp: 2158535
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 16.8 12.9 19.3





#73

Carbazole

Concen: 45.865 ng

RT: 11.33 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

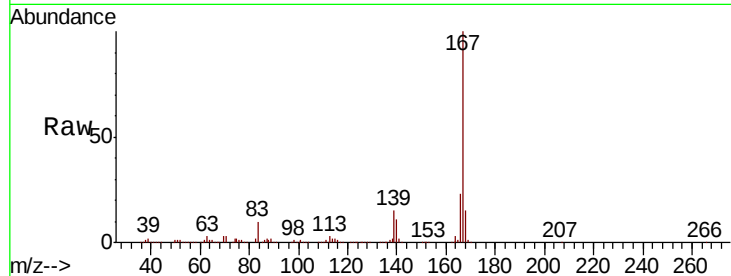
Tgt Ion:167 Resp: 1982639

Ion Ratio Lower Upper

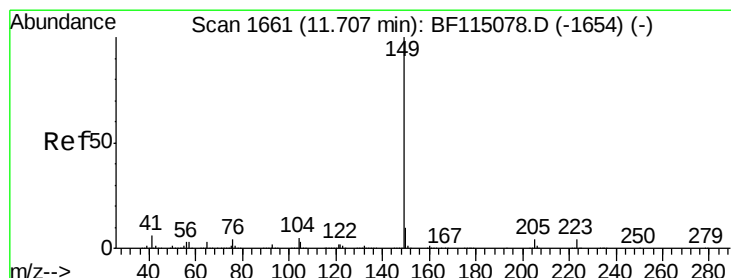
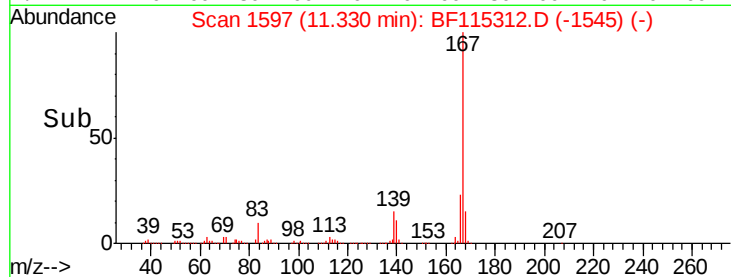
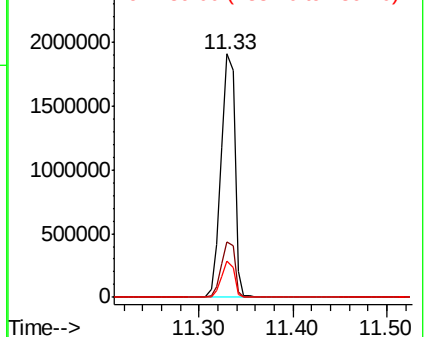
167 100

166 22.9 18.0 27.0

139 14.7 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.389 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

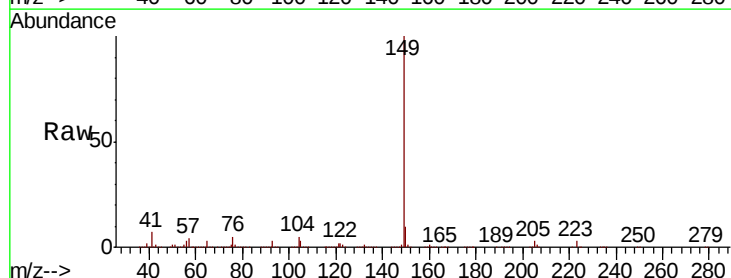
Tgt Ion:149 Resp: 2267293

Ion Ratio Lower Upper

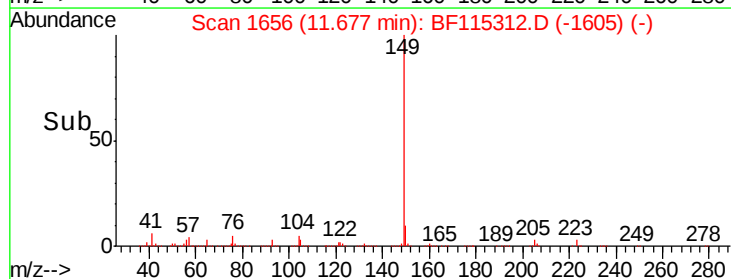
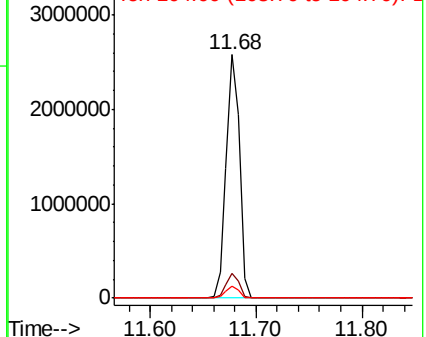
149 100

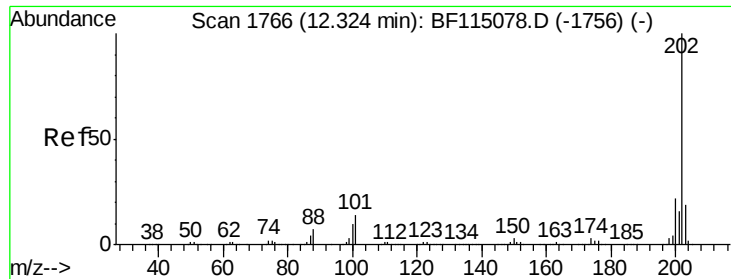
150 10.4 7.8 11.8

104 5.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.142 ng

RT: 12.31 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

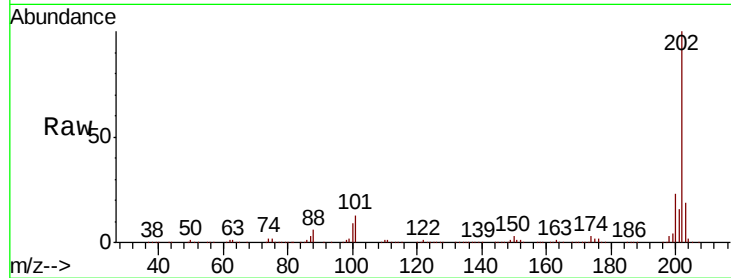
Tgt Ion:202 Resp: 2159991

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.0

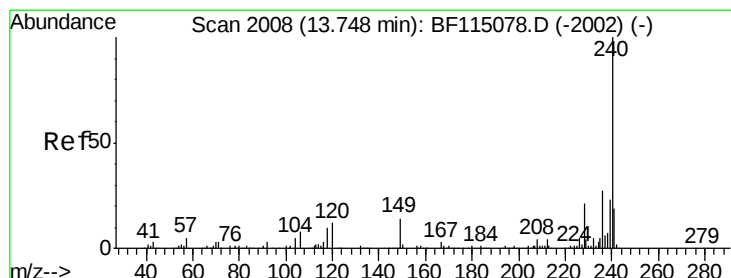
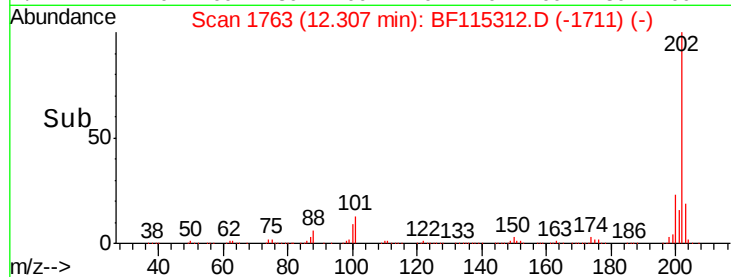
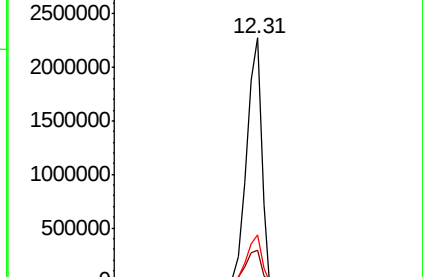
203 18.9 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

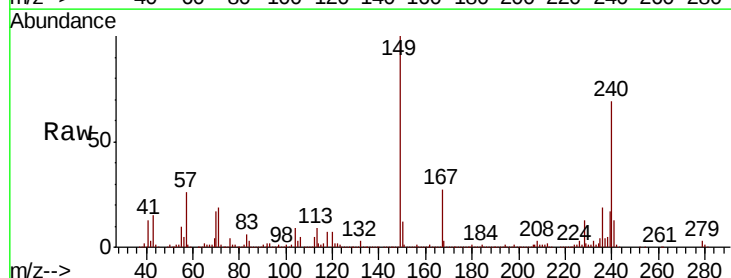
Tgt Ion:240 Resp: 609176

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

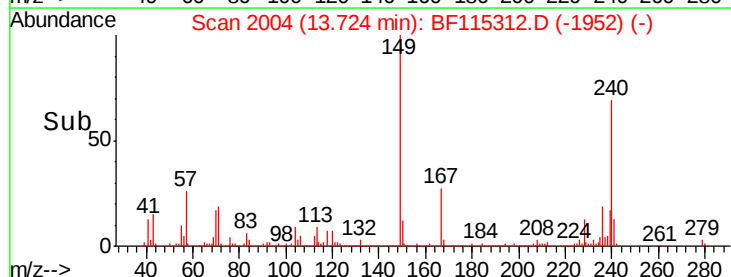
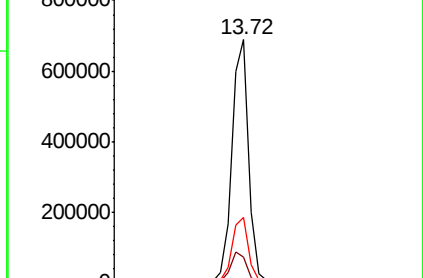
236 26.9 21.7 32.5

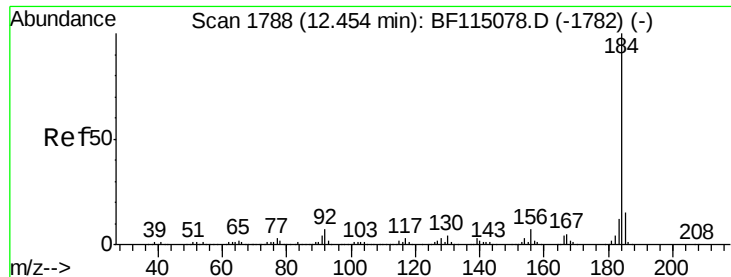


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.267 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

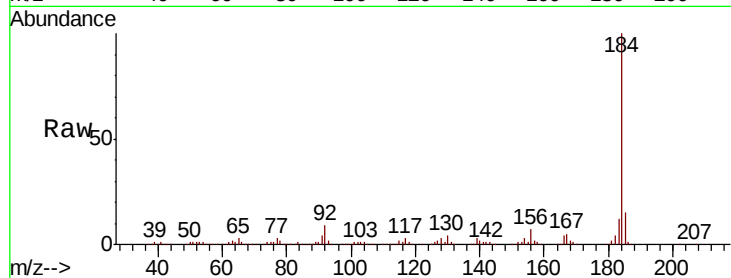
Tgt Ion:184 Resp: 710516

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

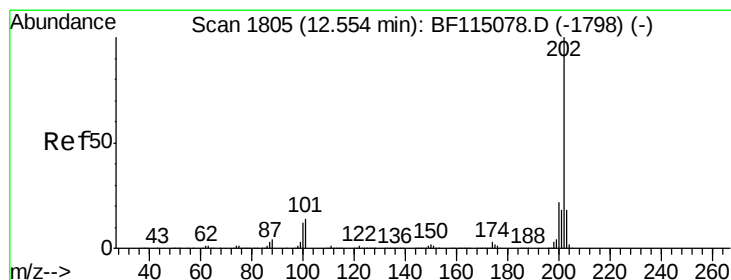
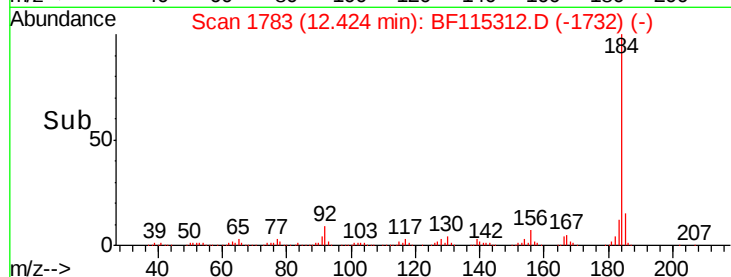
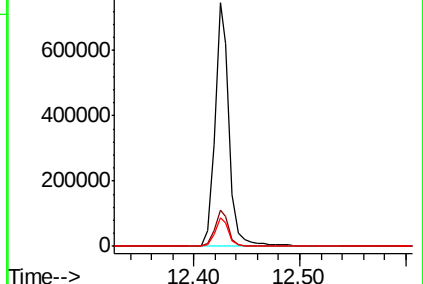
183 11.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.442 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

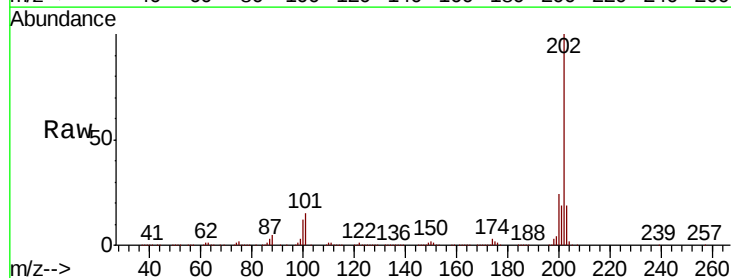
Tgt Ion:202 Resp: 2221032

Ion Ratio Lower Upper

202 100

200 23.5 17.9 26.9

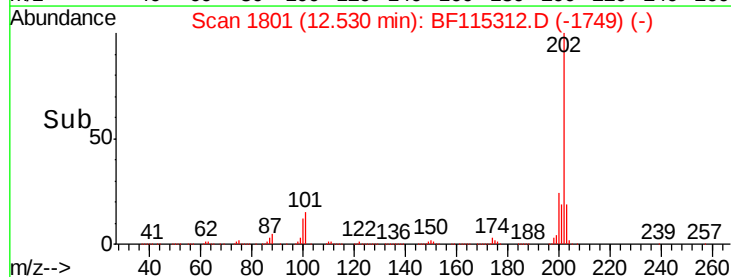
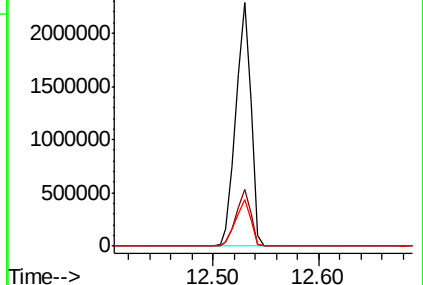
203 19.0 14.6 21.8

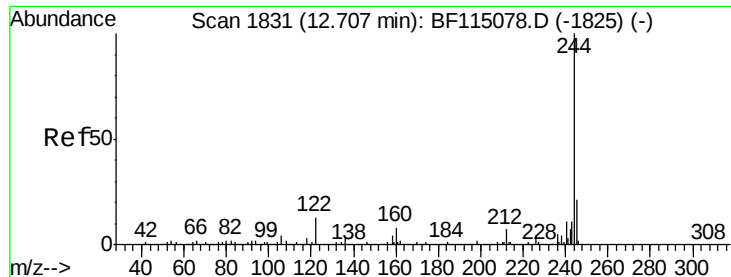


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.097 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

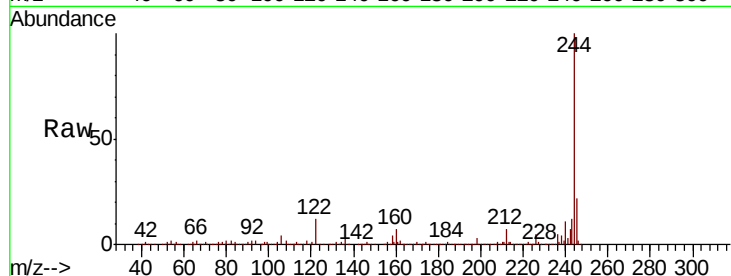
Tgt Ion:244 Resp: 2724668

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

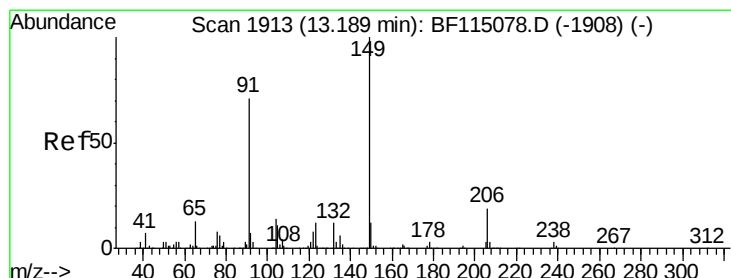
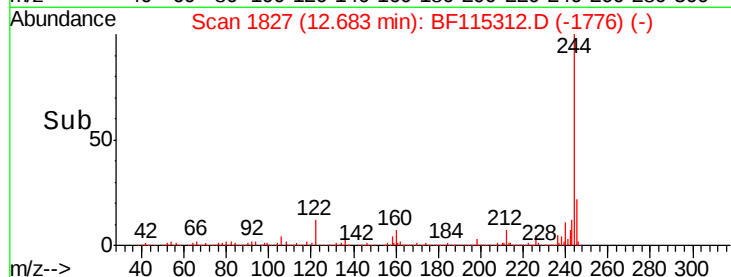
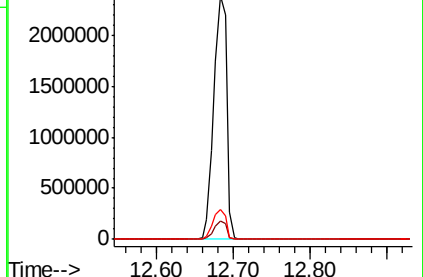
122 12.4 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.958 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

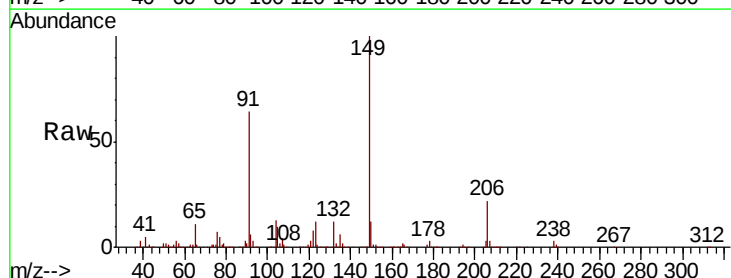
Tgt Ion:149 Resp: 1011488

Ion Ratio Lower Upper

149 100

91 64.1 56.5 84.7

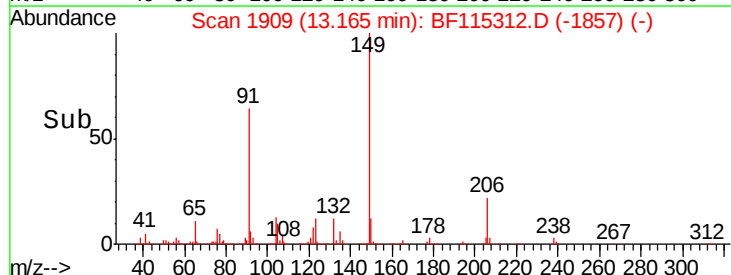
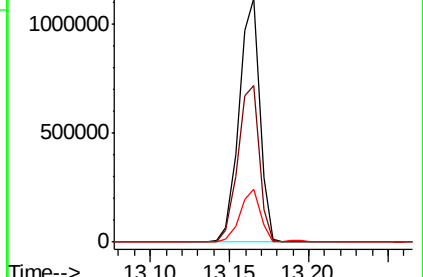
206 21.7 15.3 22.9

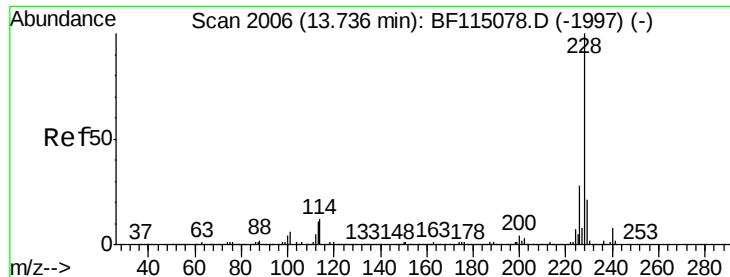


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.916 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

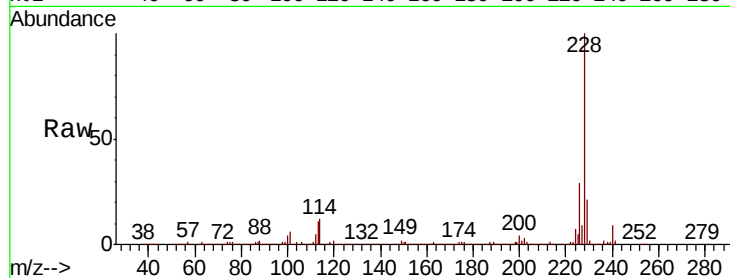
Tgt Ion:228 Resp: 2050699

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

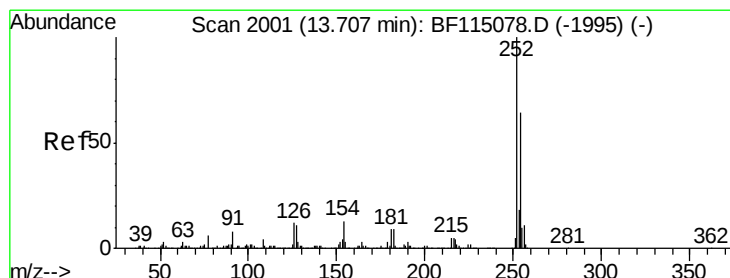
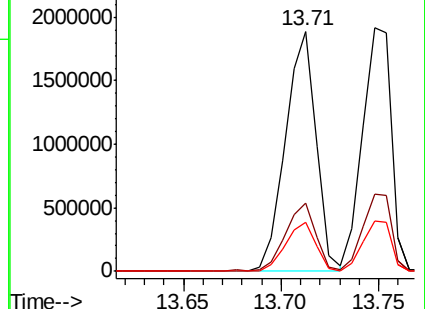
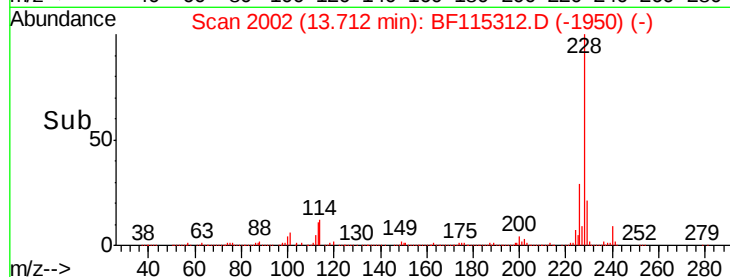
229 20.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.964 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

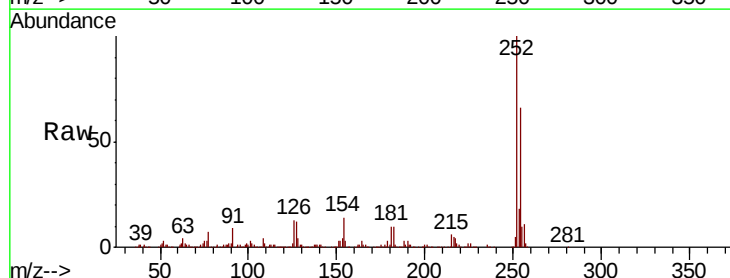
Tgt Ion:252 Resp: 536108

Ion Ratio Lower Upper

252 100

254 65.8 51.1 76.7

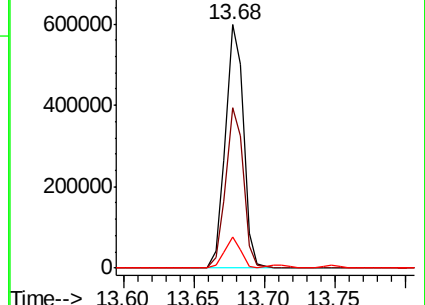
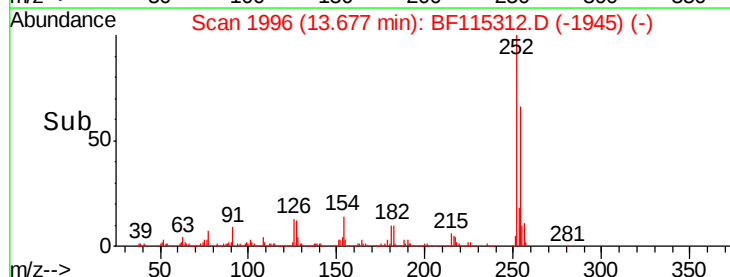
126 13.0 9.4 14.0

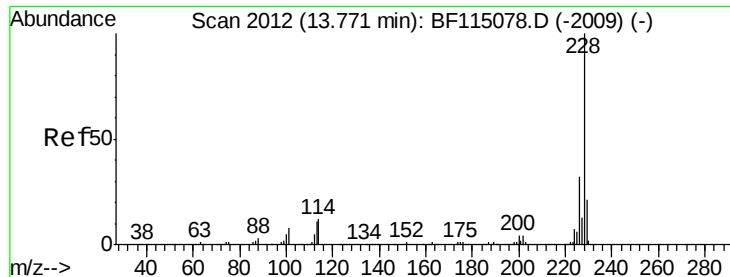


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.327 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

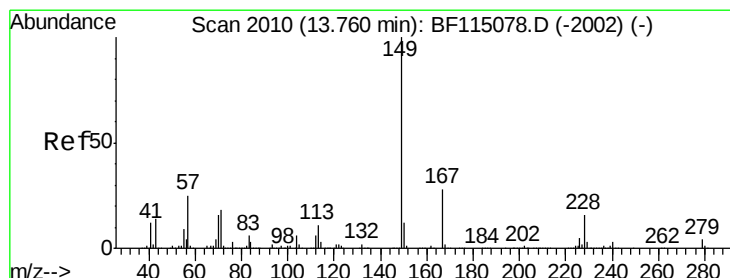
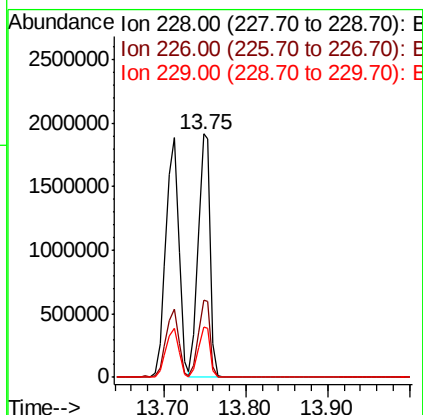
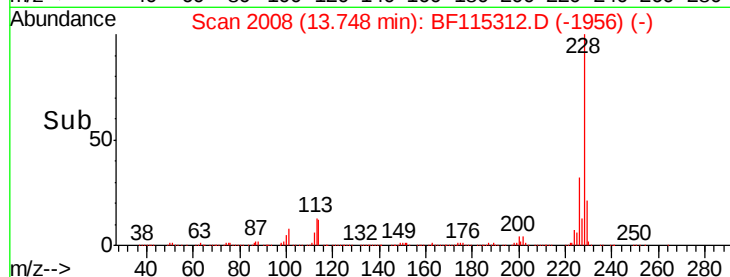
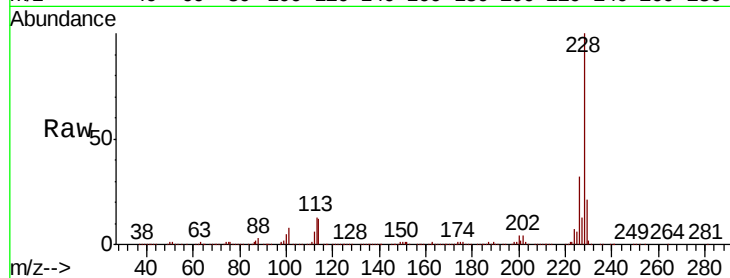
Tgt Ion:228 Resp: 1975031

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

229 20.8 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.596 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

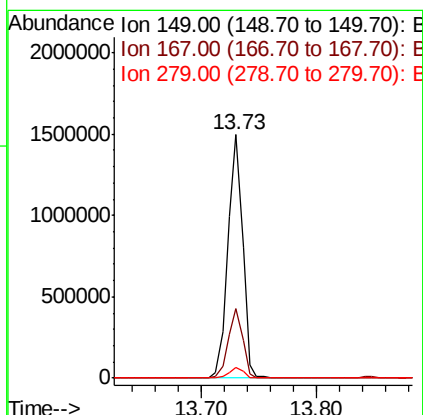
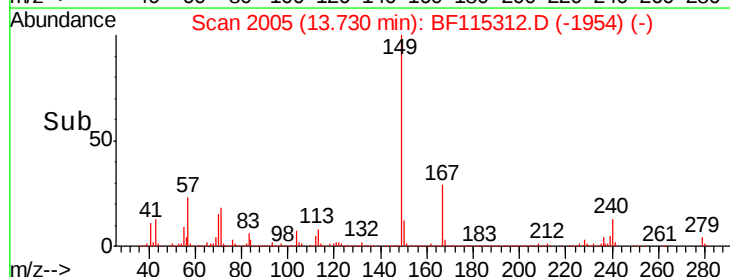
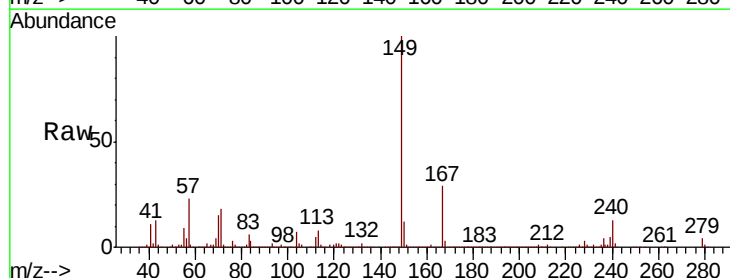
Tgt Ion:149 Resp: 1315565

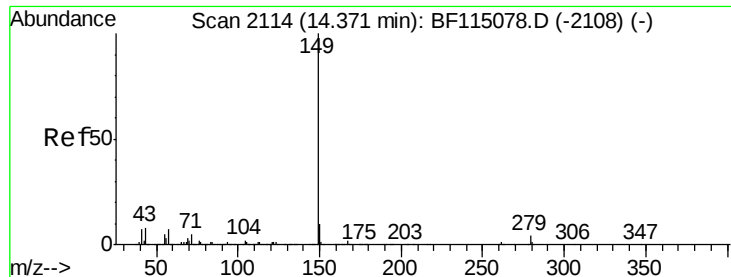
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.664 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

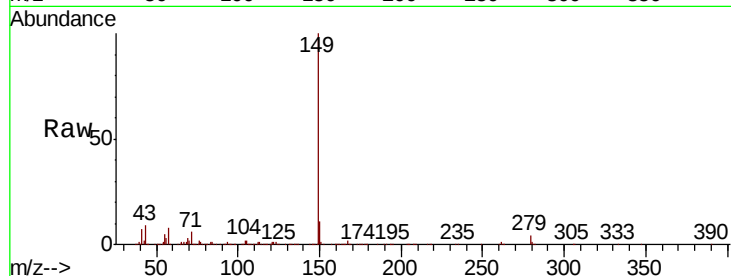
Tgt Ion:149 Resp: 2258953

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

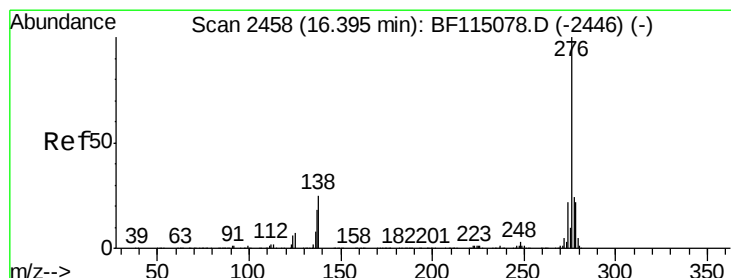
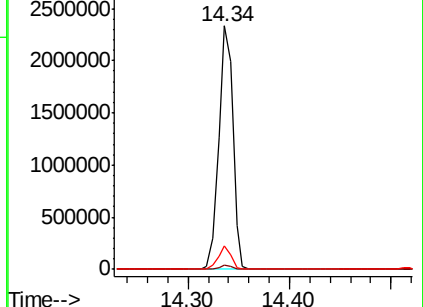
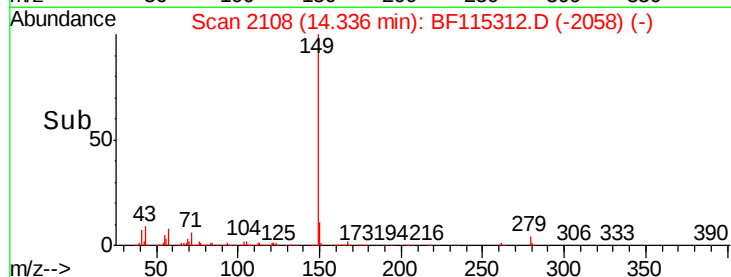
43 8.6 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.508 ng

RT: 16.36 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

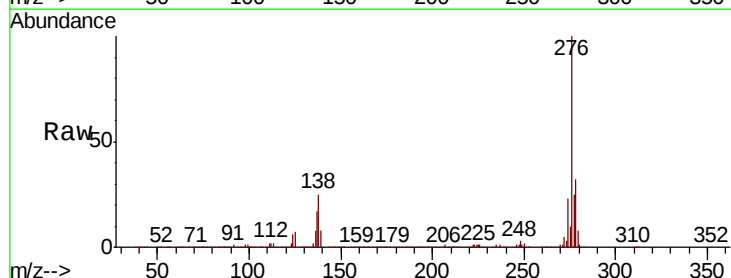
Tgt Ion:276 Resp: 2487764

Ion Ratio Lower Upper

276 100

138 28.2 23.2 34.8

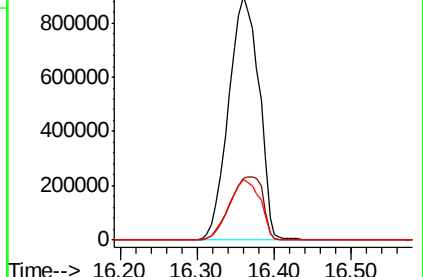
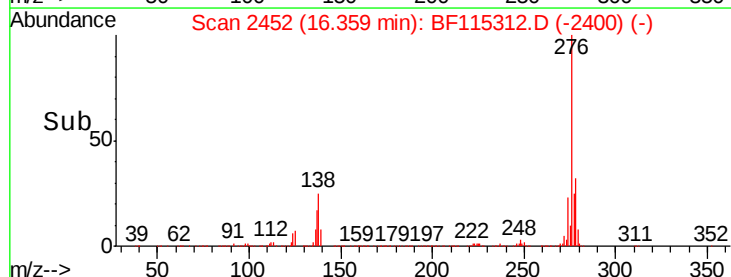
277 25.6 20.1 30.1

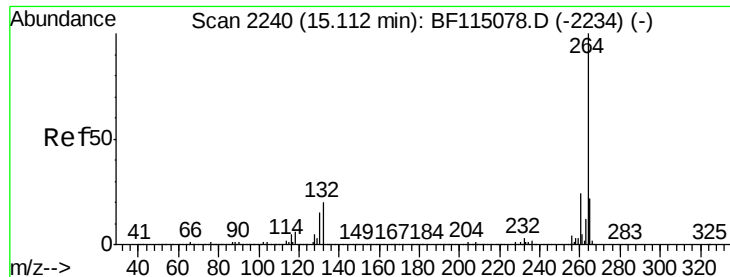


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



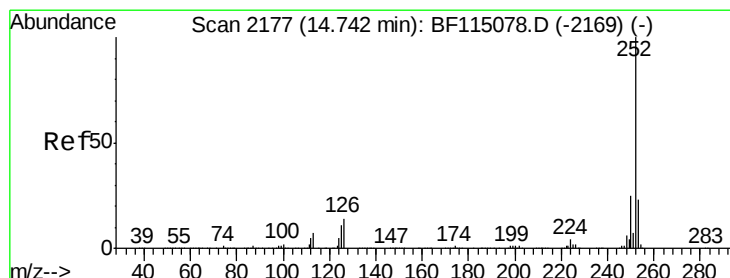
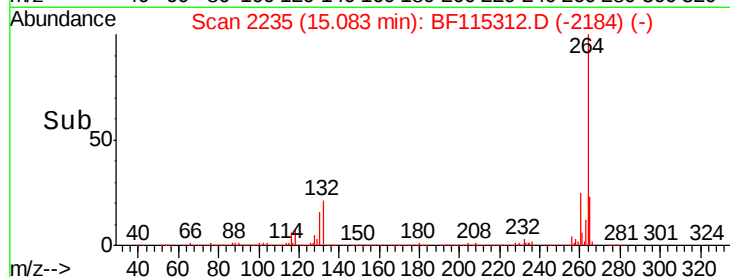
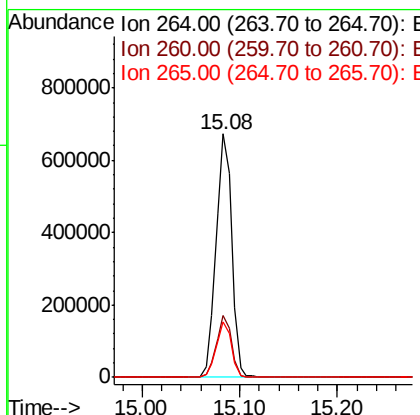
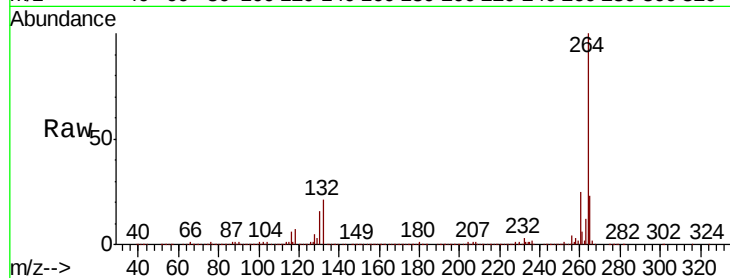


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion: 264 Resp: 751441

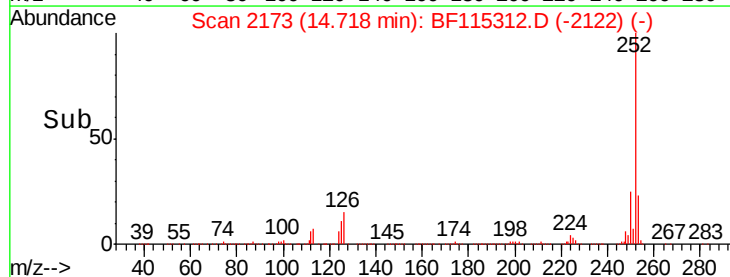
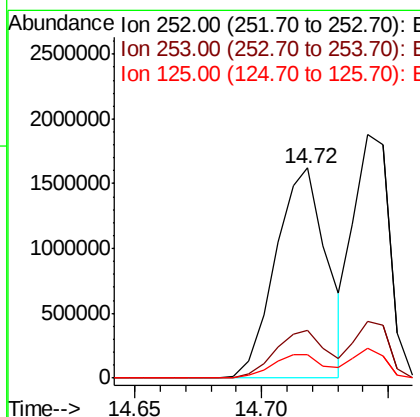
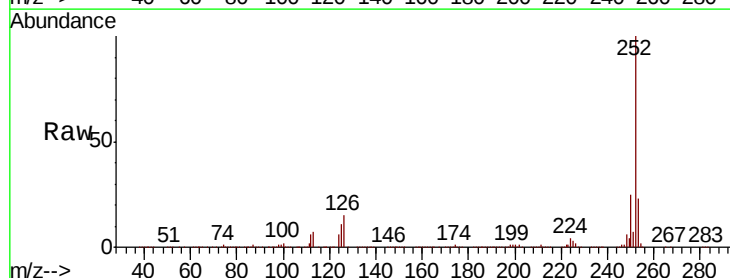
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	22.6	17.3	25.9

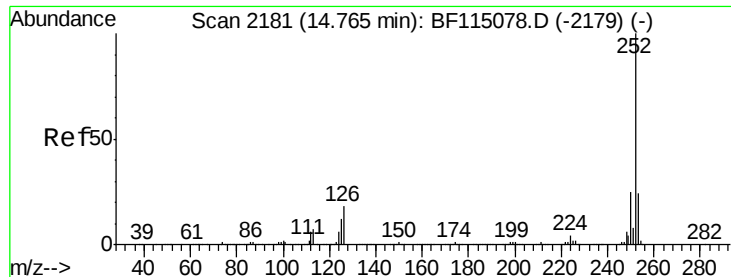


#88
Benzo(b)fluoranthene
Concen: 48.675 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion: 252 Resp: 2282278

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.2	8.7	13.1

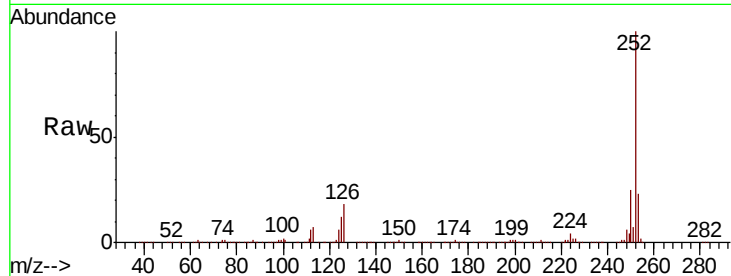




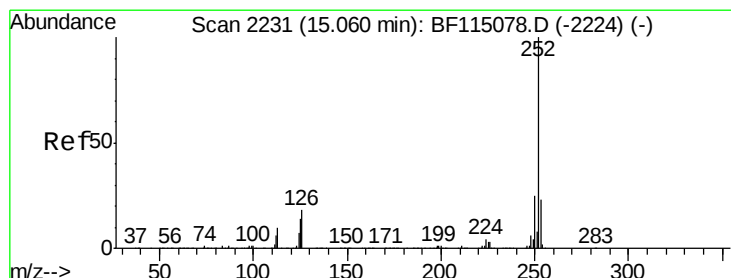
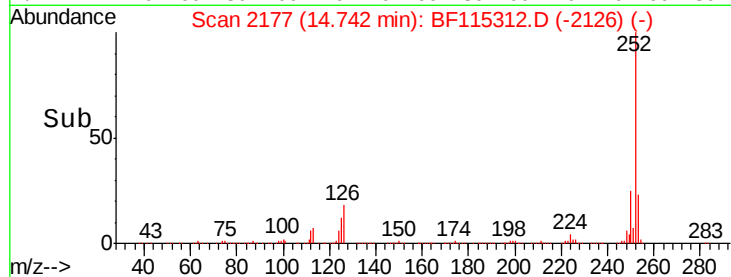
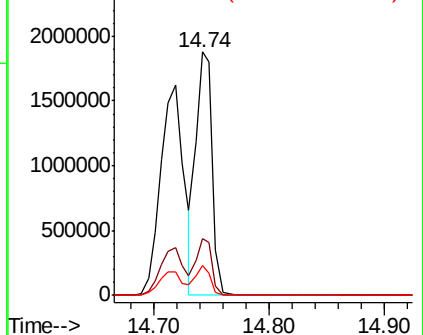
#89
Benzo(k)fluoranthene
Concen: 44.375 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:252 Resp: 1865895
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 12.2 10.2 15.2

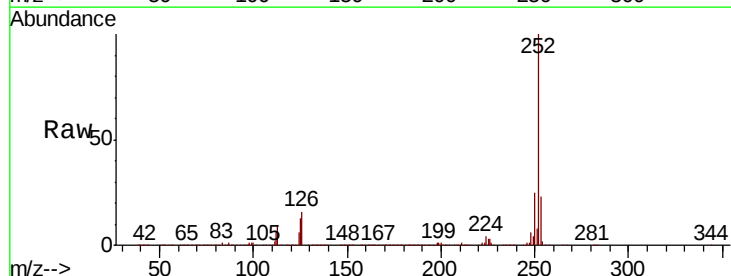


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

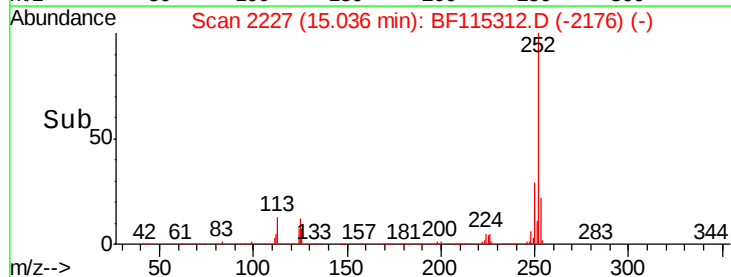
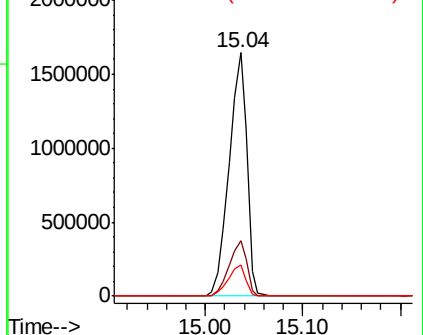


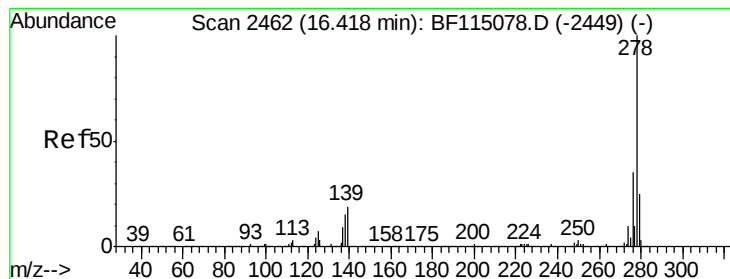
#90
Benzo(a)pyrene
Concen: 49.340 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:252 Resp: 2085148
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 12.8 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.950 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

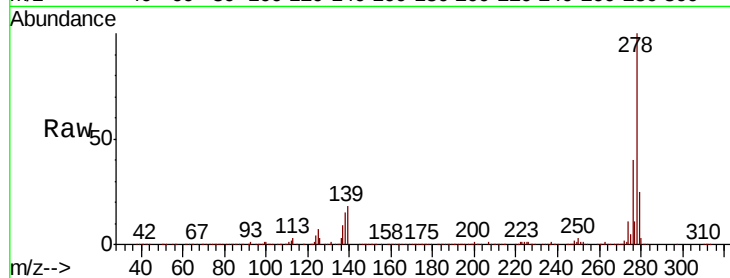
Tgt Ion:278 Resp: 2010135

Ion Ratio Lower Upper

278 100

139 17.9 15.4 23.2

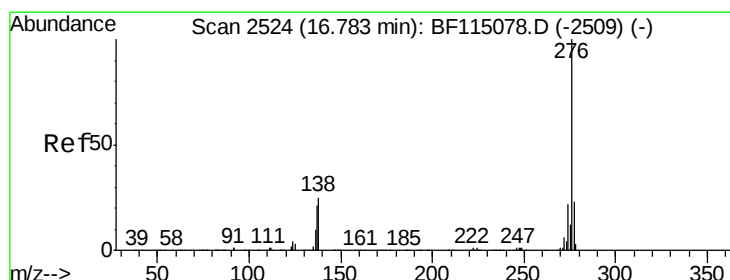
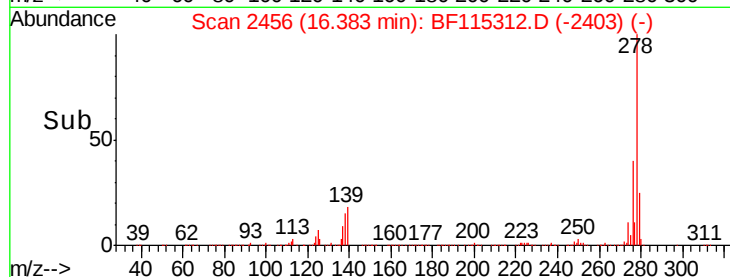
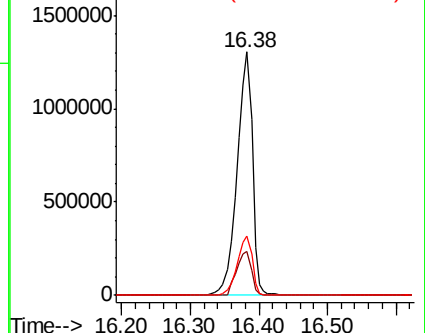
279 24.5 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.692 ng

RT: 16.75 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

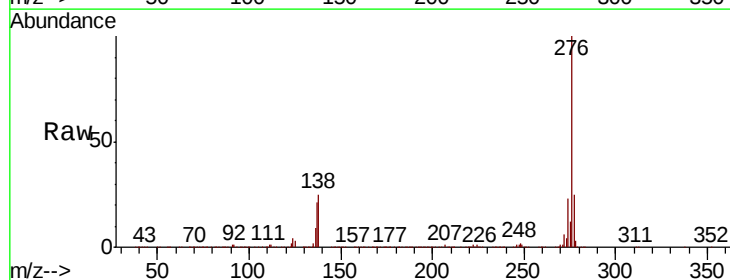
Tgt Ion:276 Resp: 2143981

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 25.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

