

Data File : BF115233.D
Acq On : 27 Jun 2019 13:50
Operator : HP/JU
Sample : PB120902BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Quant Time: Jun 28 04:51:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	247365	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	946287	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	459707	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	884891	20.00	ng	-0.02
76) Chrysene-d12	13.71	240	633495	20.00	ng	-0.04
87) Perylene-d12	15.07	264	772443	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1863446	116.25	ng	0.00
7) Phenol-d6	6.24	99	2269796	116.66	ng	-0.01
23) Nitrobenzene-d5	7.16	82	1419284	92.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	652494	134.60	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2582760	95.43	ng	-0.02
79) Terphenyl-d14	12.68	244	2769548	92.95	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	2.21	88	248154	32.802 ng	99
3) Pyridine	2.86	79	710982	33.344 ng	98
4) n-Nitrosodimethylamine	2.81	42	307465	36.783 ng	96
6) Aniline	6.26	93	674757	25.234 ng	# 19
8) 2-Chlorophenol	6.38	128	756832	41.989 ng	100
9) Benzaldehyde	6.14	77	147159	11.593 ng	94
10) Phenol	6.26	94	864967	37.953 ng	93
11) bis(2-Chloroethyl)ether	6.34	93	688254	40.968 ng	100
12) 1,3-Dichlorobenzene	6.54	146	815385	40.761 ng	98
13) 1,4-Dichlorobenzene	6.61	146	832100	41.482 ng	98
14) 1,2-Dichlorobenzene	6.77	146	770698	41.488 ng	97
15) Benzyl Alcohol	6.75	79	567350	40.046 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	986730	40.496 ng	98
17) 2-Methylphenol	6.87	107	610779	41.053 ng	98
18) Hexachloroethane	7.11	117	293265	40.552 ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	488640	39.229 ng	99
20) 3+4-Methylphenols	7.02	107	725546	42.234 ng	# 84
22) Acetophenone	7.01	105	1001144	46.213 ng	# 98
24) Nitrobenzene	7.18	77	759305	44.804 ng	98
25) Isophorone	7.42	82	1400750	44.451 ng	100
26) 2-Nitrophenol	7.50	139	426122	50.916 ng	98
27) 2,4-Dimethylphenol	7.55	122	697096	50.872 ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	884628	44.415 ng	99
29) 2,4-Dichlorophenol	7.74	162	659318	46.624 ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	724484	46.382 ng	100
31) Naphthalene	7.90	128	2126623	45.782 ng	100
32) Benzoic acid	7.68	122	544531	55.671 ng	99
33) 4-Chloroaniline	7.95	127	340820	16.054 ng	99
34) Hexachlorobutadiene	8.03	225	398768	46.586 ng	98
35) Caprolactam	8.32	113	117415	24.696 ng	96
36) 4-Chloro-3-methylphenol	8.44	107	653814	45.654 ng	97
37) 2-Methylnaphthalene	8.59	142	1454662	46.446 ng	99
38) 1-Methylnaphthalene	8.69	142	1380733	46.159 ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	605576	46.617 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	805748	104.603	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	476173	47.479	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	510487	49.427	ng	99
46) 1,1'-Biphenyl	9.05	154	1699435	46.202	ng	99
47) 2-Chloronaphthalene	9.08	162	1357631	45.502	ng	99
48) 2-Nitroaniline	9.17	65	385558	44.324	ng	89
49) Acenaphthylene	9.49	152	2089033	44.938	ng	99
50) Dimethylphthalate	9.37	163	1560500	46.139	ng	99
51) 2,6-Dinitrotoluene	9.41	165	371987	47.640	ng	99
52) Acenaphthene	9.66	154	1299586	44.676	ng	99
53) 3-Nitroaniline	9.58	138	245505	25.765	ng	95
54) 2,4-Dinitrophenol	9.68	184	428081	104.106	ng	93
55) Dibenzofuran	9.83	168	1859973	44.550	ng	98
56) 4-Nitrophenol	9.75	139	670606	87.785	ng	97
57) 2,4-Dinitrotoluene	9.81	165	489406	48.541	ng	91
58) Fluorene	10.17	166	1288879	46.602	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	430079	49.661	ng	98
60) Diethylphthalate	10.06	149	1549247	45.569	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	635082	48.625	ng	96
62) 4-Nitroaniline	10.19	138	402787	42.136	ng	98
63) Azobenzene	10.32	77	1420479	44.732	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	250206	52.610	ng	88
66) n-Nitrosodiphenylamine	10.29	169	1288516	46.739	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	452599	47.175	ng	95
68) Hexachlorobenzene	10.71	284	490283	47.080	ng	94
69) Atrazine	10.82	200	421189	47.494	ng	100
70) Pentachlorophenol	10.91	266	603644	90.988	ng	97
71) Phenanthrene	11.12	178	2085808	43.779	ng	100
72) Anthracene	11.17	178	2170008	45.121	ng	98
73) Carbazole	11.32	167	1954868	45.520	ng	99
74) Di-n-butylphthalate	11.68	149	2326398	46.879	ng	99
75) Fluoranthene	12.30	202	2158995	45.418	ng	98
77) Benzidine	12.42	184	749150	26.632	ng	99
78) Pyrene	12.52	202	2206046	45.313	ng	98
80) Butylbenzylphthalate	13.16	149	1043307	48.560	ng	95
81) Benzo(a)anthracene	13.71	228	2069675	45.532	ng	100
82) 3,3'-Dichlorobenzidine	13.67	252	501862	30.574	ng	100
83) Chrysene	13.74	228	1901094	45.658	ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1411614	50.142	ng	100
85) Di-n-octyl phthalate	14.34	149	2408958	50.929	ng	99
86) Indeno(1,2,3-cd)pyrene	16.34	276	2510455	50.953	ng	99
88) Benzo(b)fluoranthene	14.71	252	2260276	46.895	ng	99
89) Benzo(k)fluoranthene	14.73	252	1892072	43.774	ng	99
90) Benzo(a)pyrene	15.02	252	2061865	47.463	ng	98
91) Dibenzo(a,h)anthracene	16.36	278	2044189	50.404	ng	99
92) Benzo(g,h,i)perylene	16.72	276	2140547	52.149	ng	98

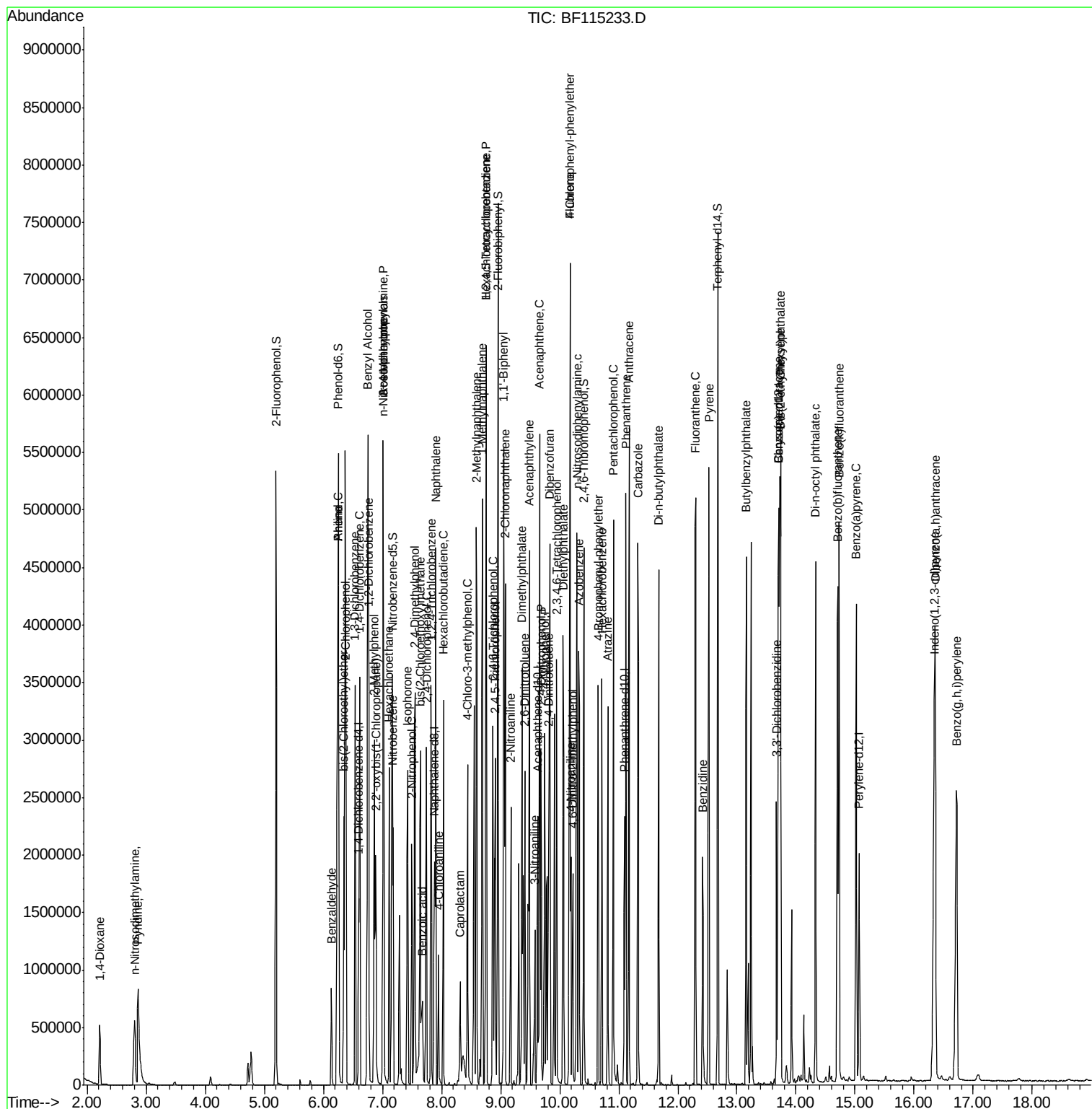
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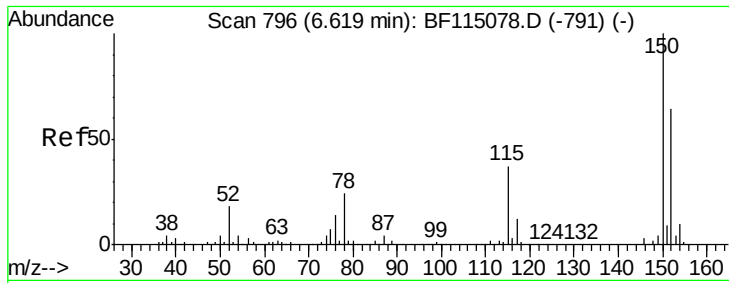
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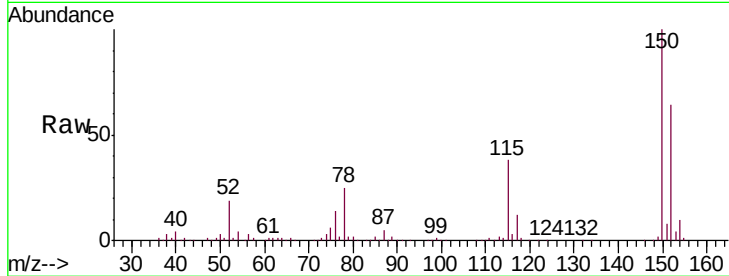


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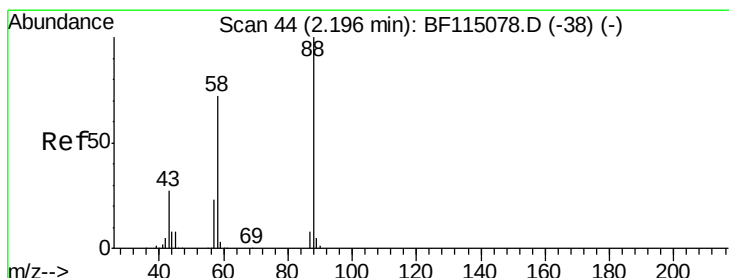
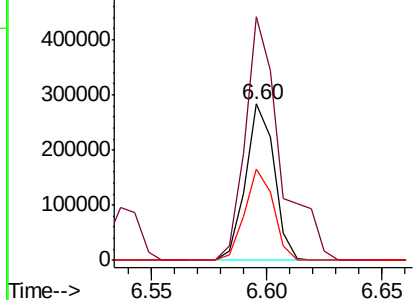
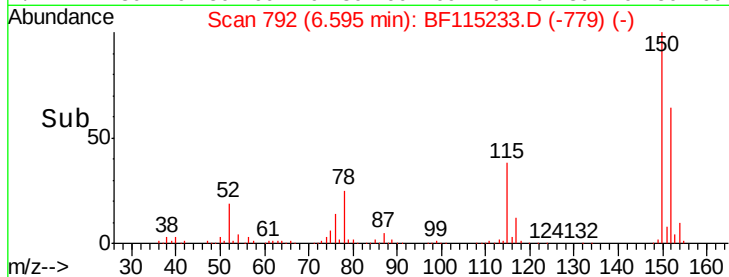
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion: 152 Resp: 247365
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 58.7 46.1 69.1



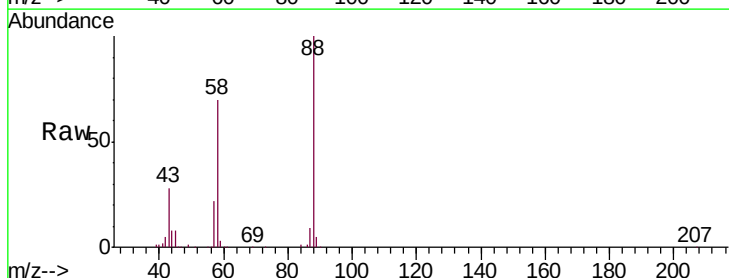
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



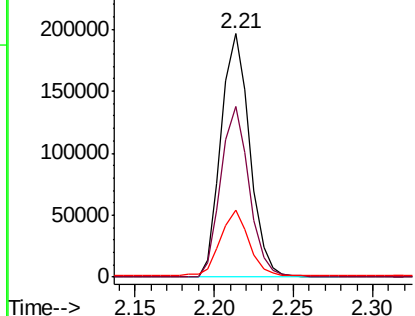
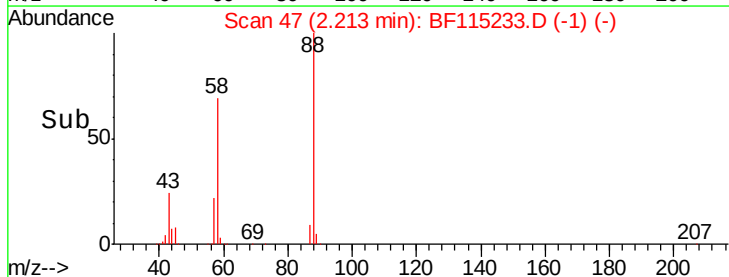
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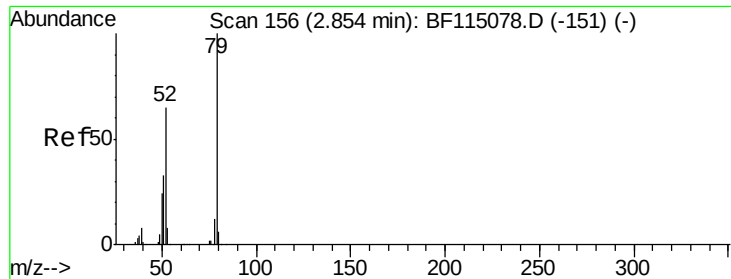
1,4-Dioxane
Concen: 32.802 ng
RT: 2.21 min Scan# 47
Delta R.T. 0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion: 88 Resp: 248154
Ion Ratio Lower Upper
88 100
58 68.7 56.1 84.1
43 26.7 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: 33.344 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF115233.D

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Instrument :

BNA_F

ClientSampleId :

PB120902BS

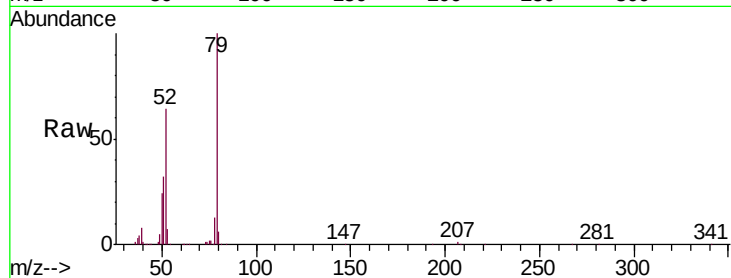
Tgt Ion: 79 Resp: 710982

Ion Ratio Lower Upper

79 100

52 64.0 52.3 78.5

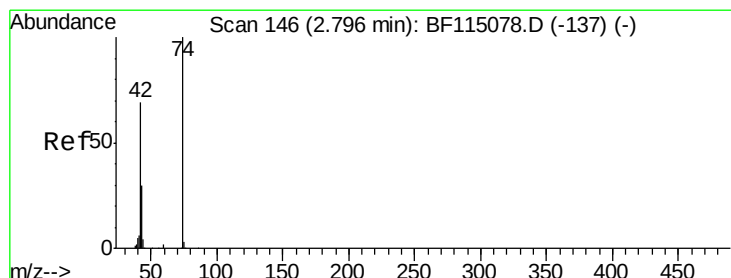
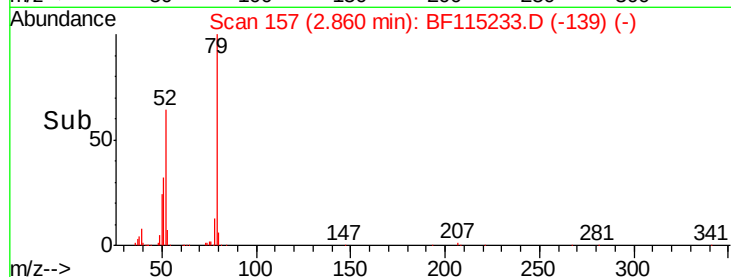
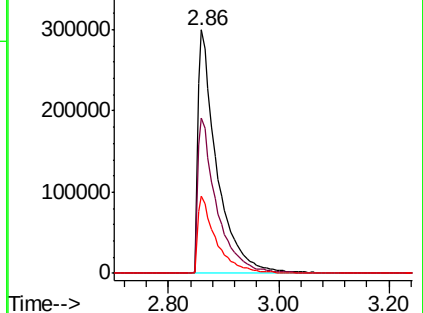
51 31.6 26.1 39.1



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: 36.783 ng

RT: 2.81 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF115233.D

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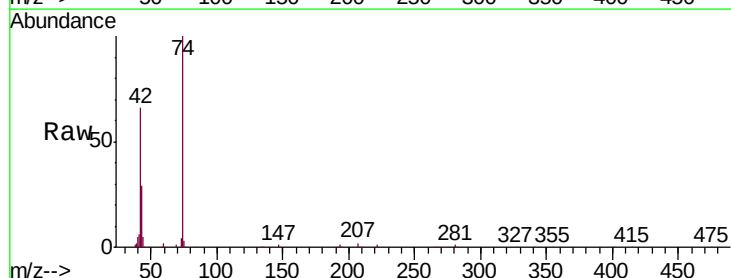
Tgt Ion: 42 Resp: 307465

Ion Ratio Lower Upper

42 100

74 151.4 116.6 175.0

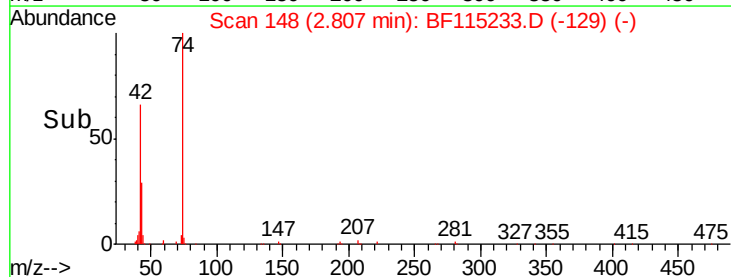
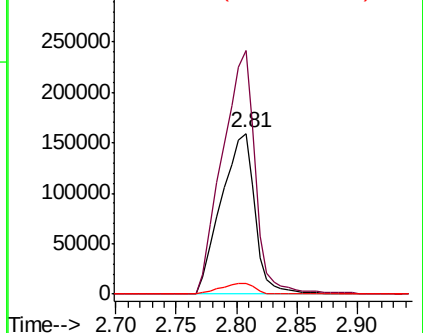
44 6.9 5.3 7.9

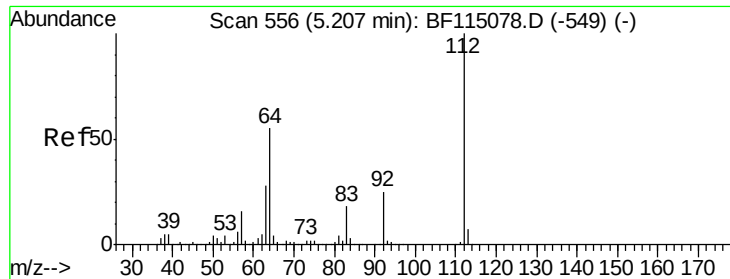


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

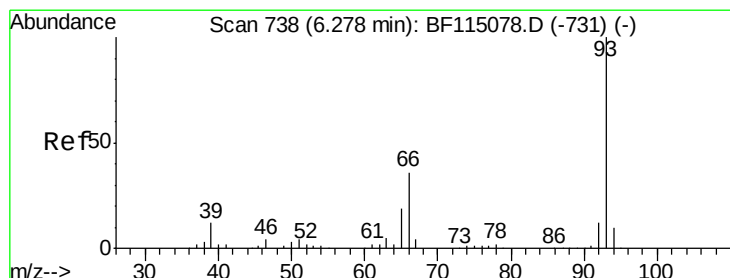
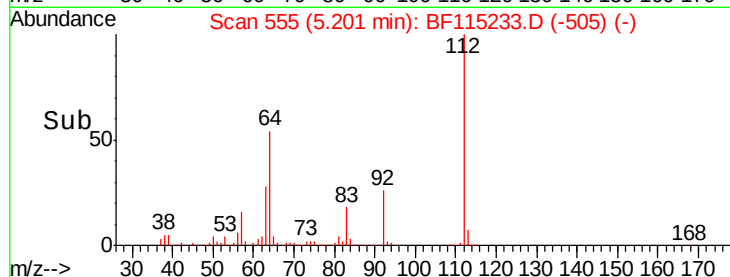
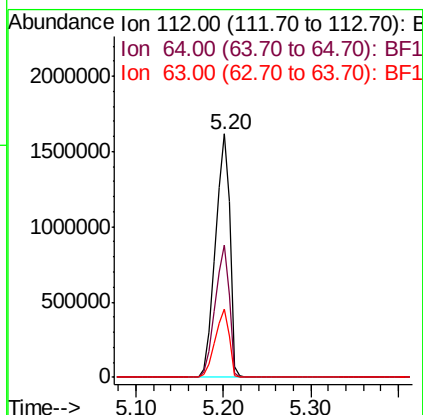
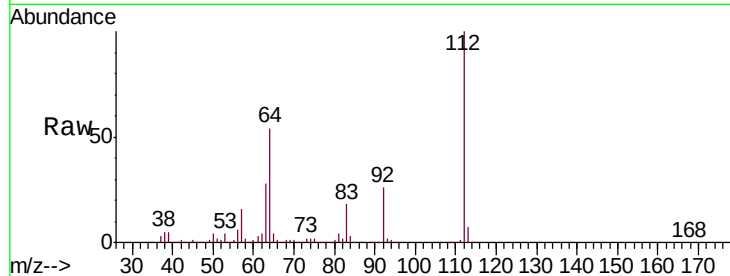




#5
 2-Fluorophenol
 Concen: 116.250 ng
 RT: 5.20 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

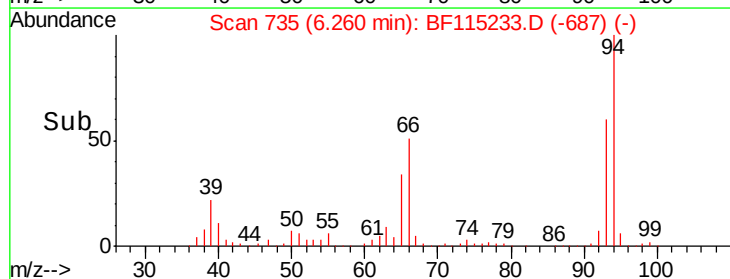
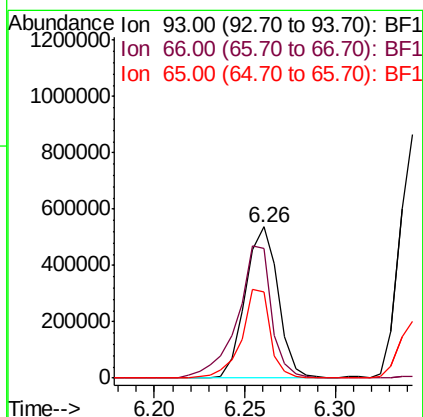
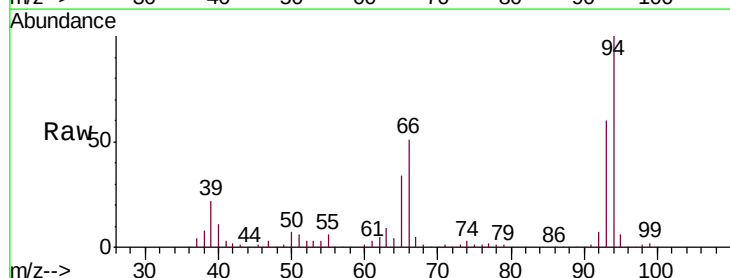
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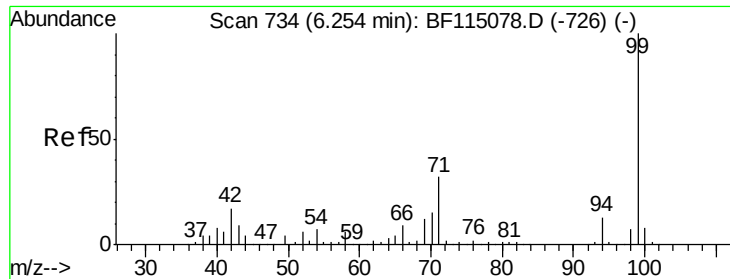
Tgt Ion: 112 Resp: 1863446
 Ion Ratio Lower Upper
 112 100
 64 54.3 43.8 65.6
 63 28.1 22.2 33.4



#6
 Aniline
 Concen: 25.234 ng
 RT: 6.26 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion: 93 Resp: 674757
 Ion Ratio Lower Upper
 93 100
 66 85.4 30.0 45.0#
 65 56.8 15.6 23.4#





#7

Phenol-d6

Concen: 116.662 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

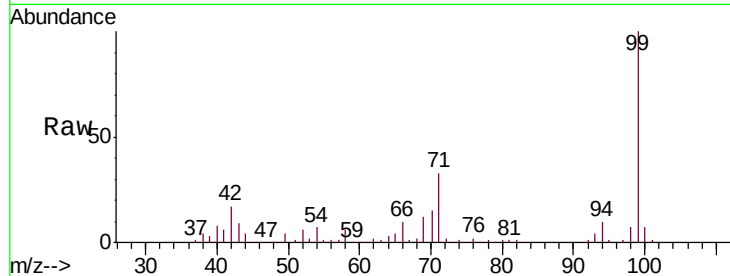
Tgt Ion: 99 Resp: 2269796

Ion Ratio Lower Upper

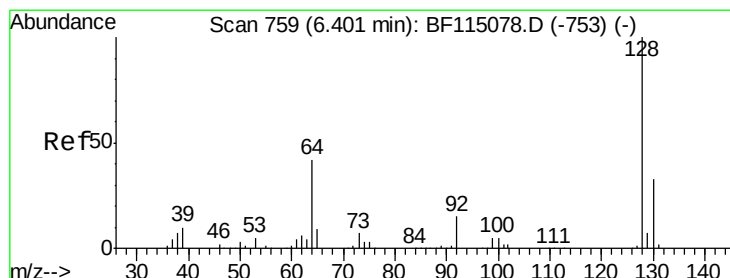
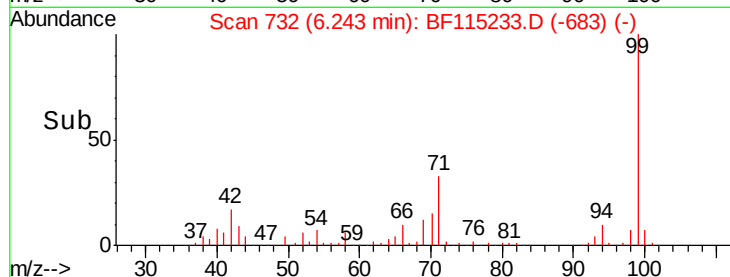
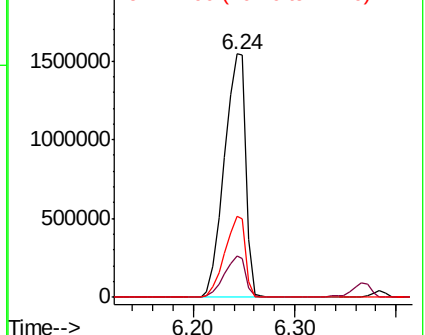
99 100

42 17.2 13.6 20.4

71 33.2 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: 41.989 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

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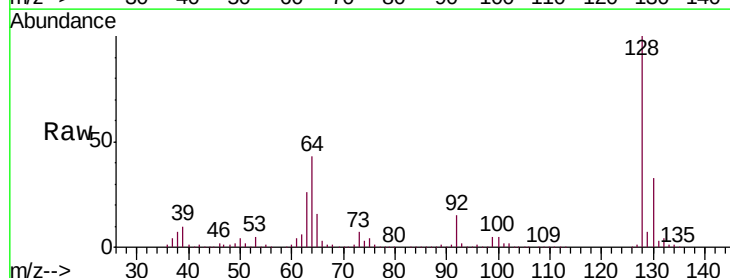
Tgt Ion: 128 Resp: 756832

Ion Ratio Lower Upper

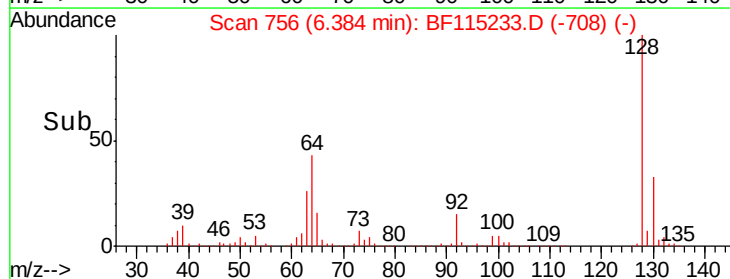
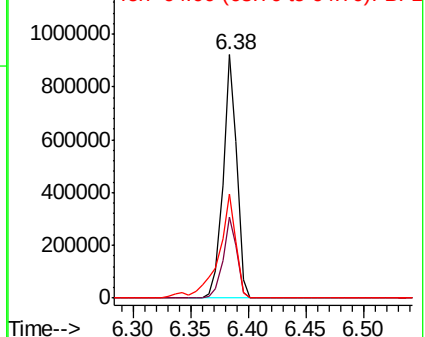
128 100

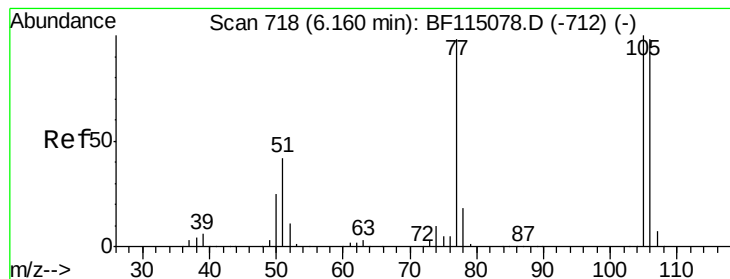
130 33.3 12.9 52.9

64 42.9 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: 11.593 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

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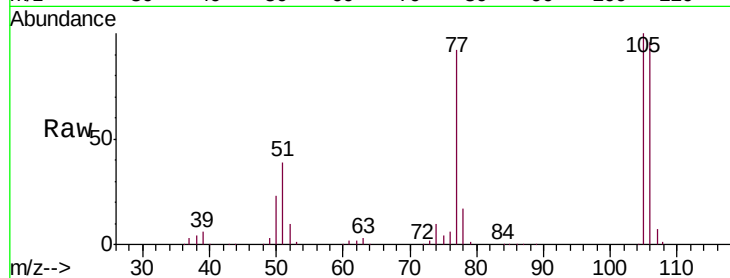
Tgt Ion: 77 Resp: 147159

Ion Ratio Lower Upper

77 100

105 109.0 81.5 121.5

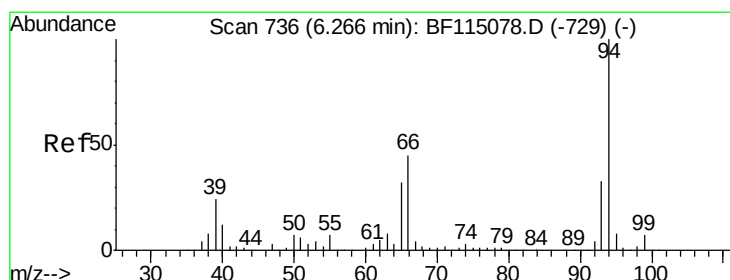
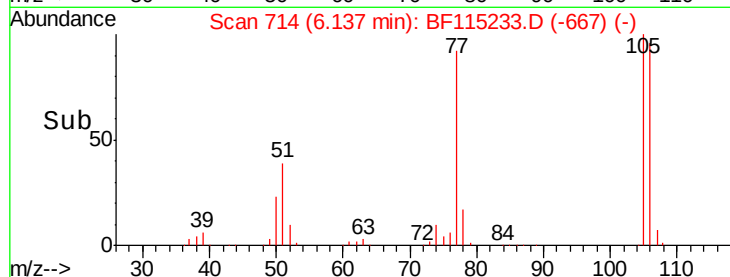
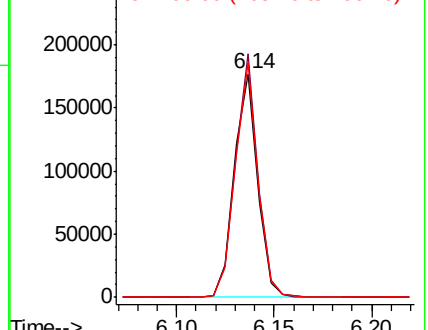
106 105.1 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.953 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

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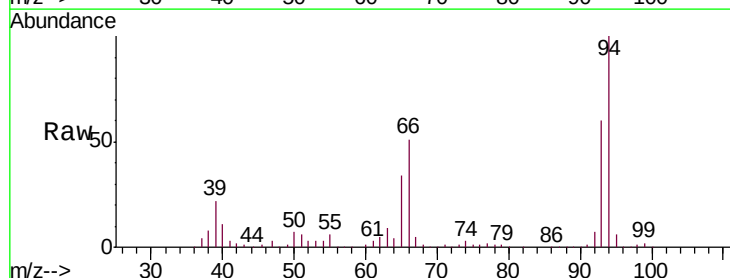
Tgt Ion: 94 Resp: 864967

Ion Ratio Lower Upper

94 100

65 34.1 11.9 51.9

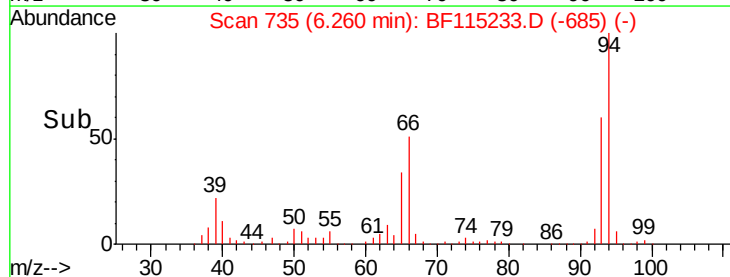
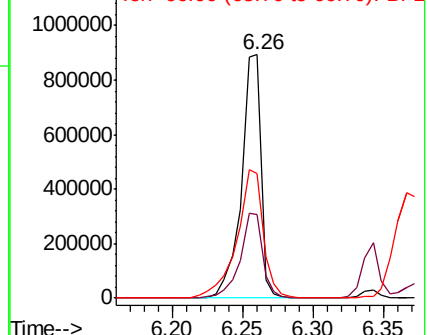
66 51.3 25.2 65.2

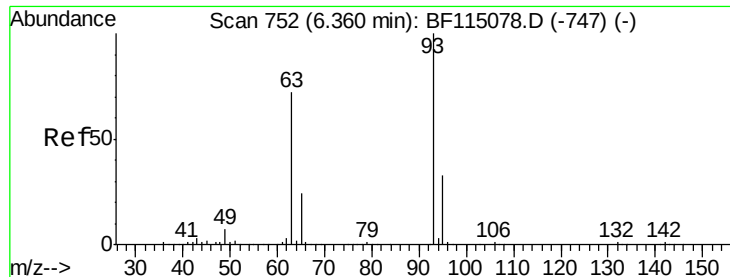


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

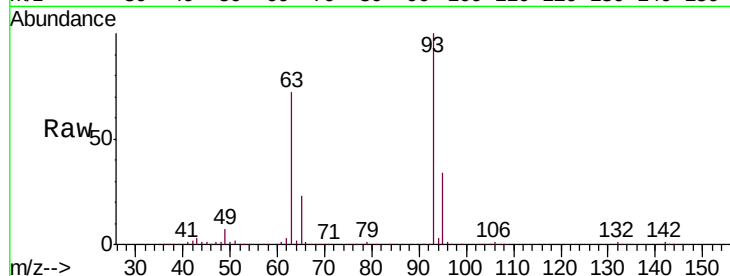




#11
bis(2-Chloroethyl)ether
Concen: 40.968 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.5	91.5
95	33.6	13.4	53.4

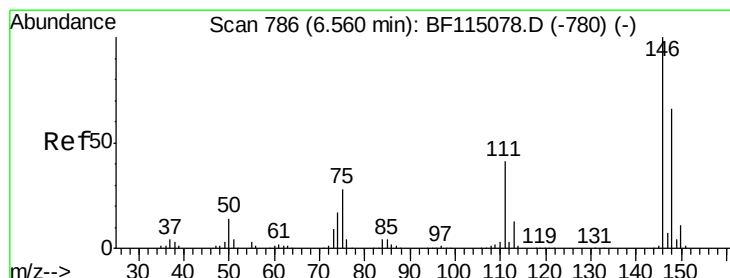
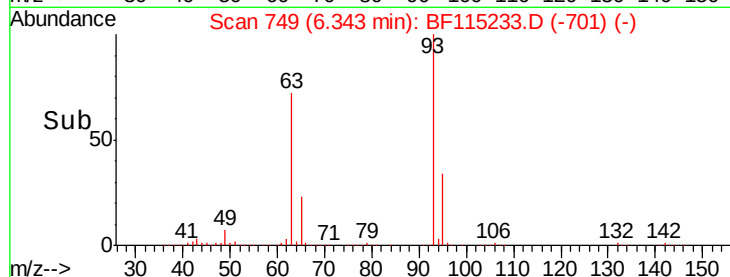
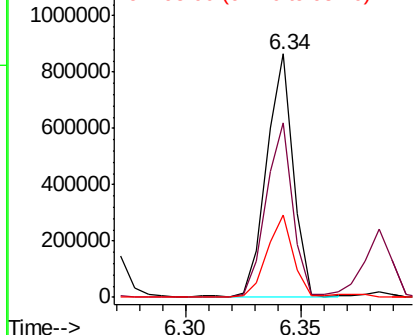


Abundance

Ion 93.00 (92.70 to 93.70): BF1

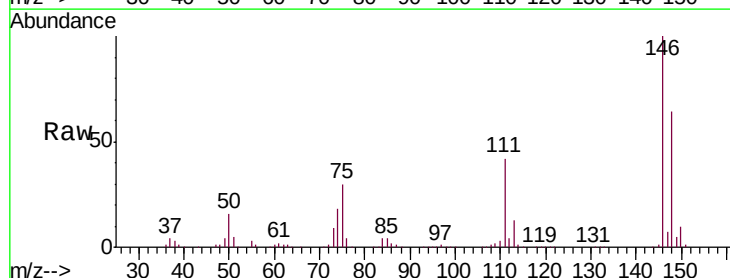
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 40.761 ng
RT: 6.54 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	78.8
75	29.5	22.6	34.0

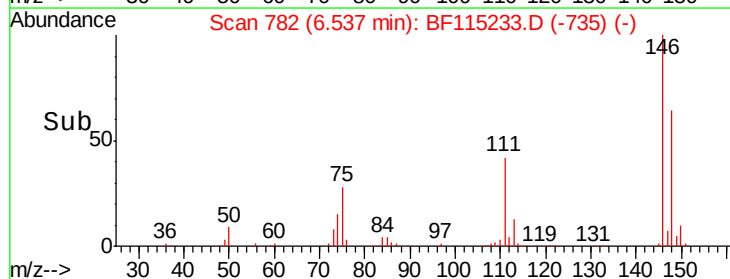
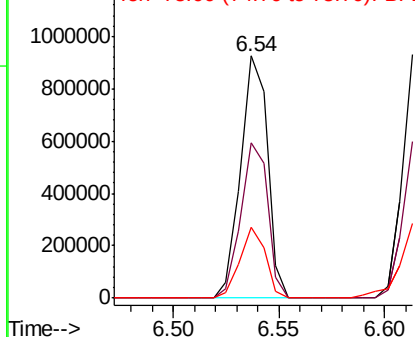


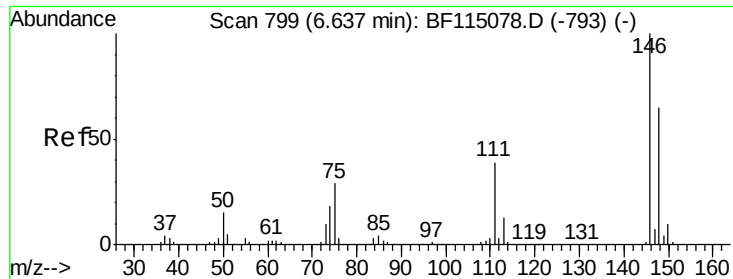
Abundance

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

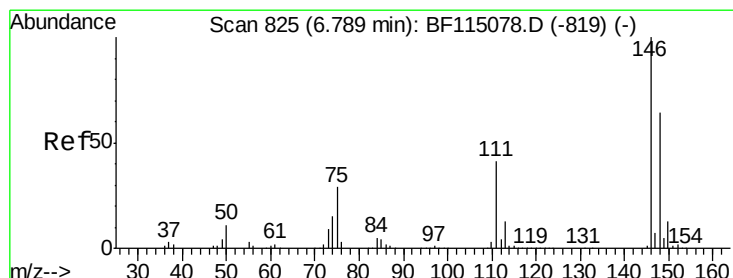
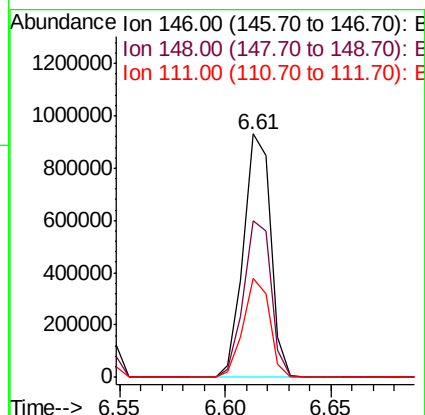
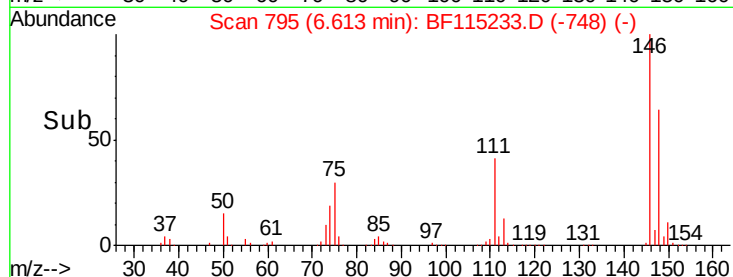
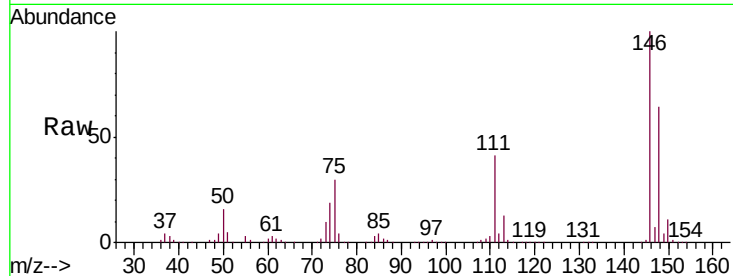




#13
 1,4-Dichlorobenzene
 Concen: 41.482 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

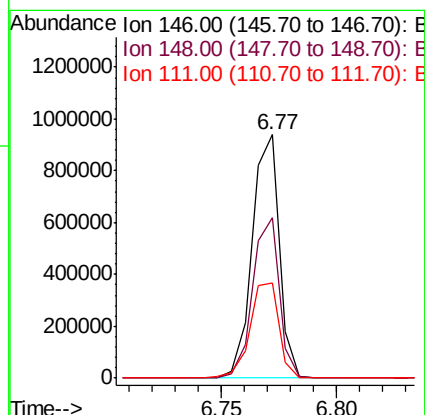
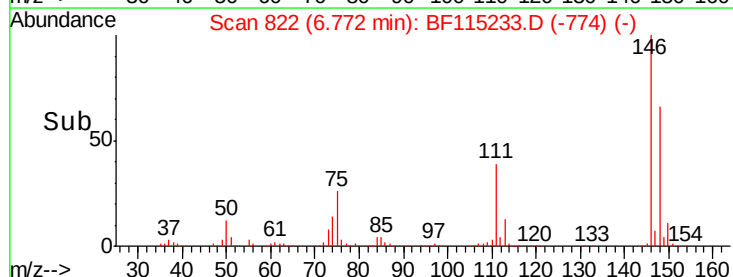
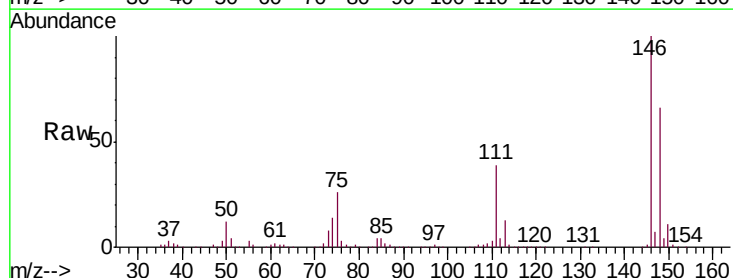
Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

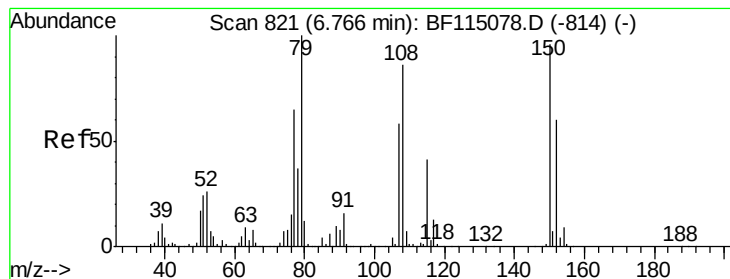
Tgt Ion:146 Resp: 832100
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 40.8 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 41.488 ng
 RT: 6.77 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:146 Resp: 770698
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.1 76.7
 111 39.3 33.2 49.8





#15

Benzyl Alcohol

Concen: 40.046 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

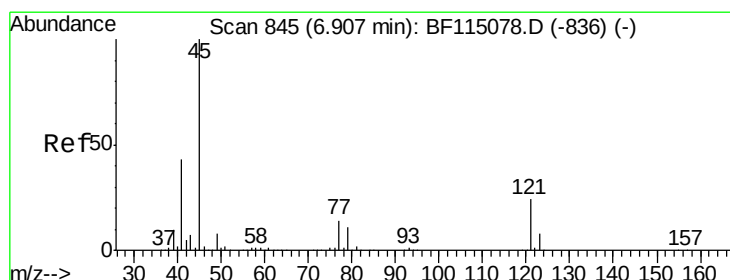
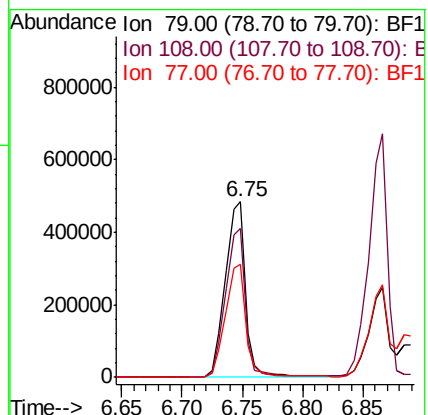
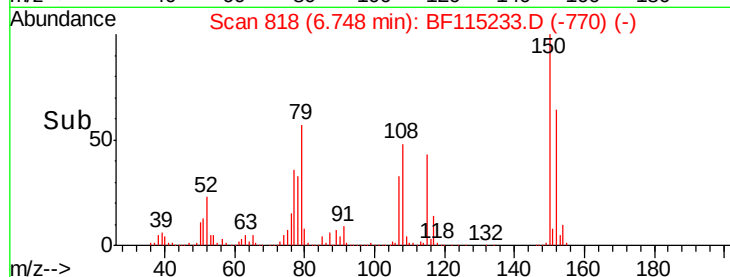
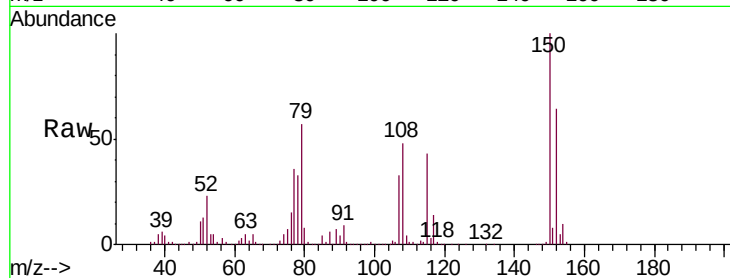
Tgt Ion: 79 Resp: 567350

Ion Ratio Lower Upper

79 100

108 85.0 68.7 103.1

77 64.4 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.496 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

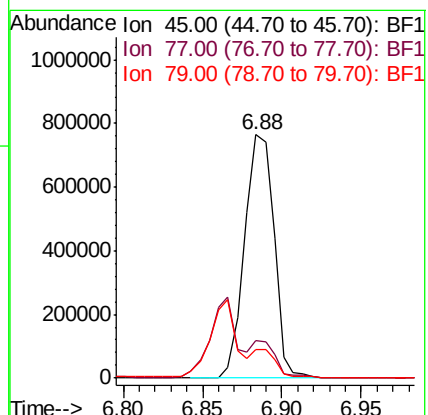
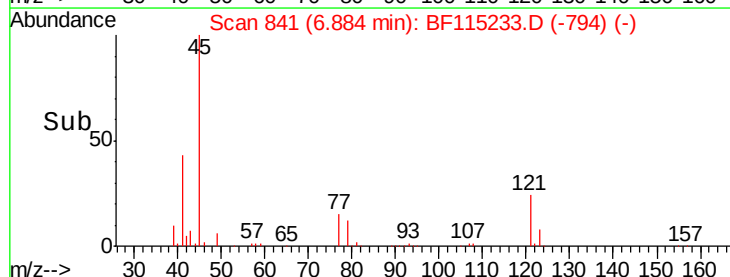
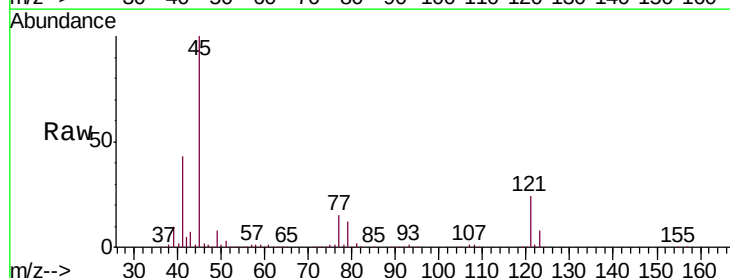
Tgt Ion: 45 Resp: 986730

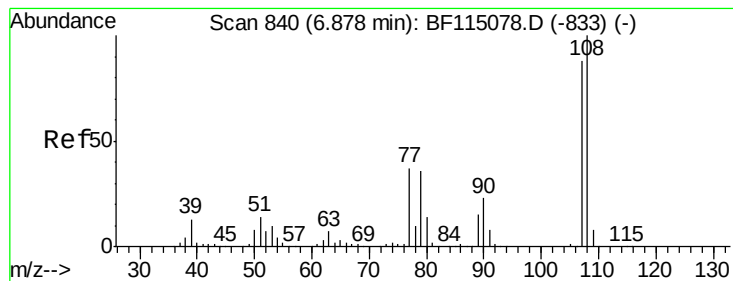
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.6

79 11.8 0.0 31.2

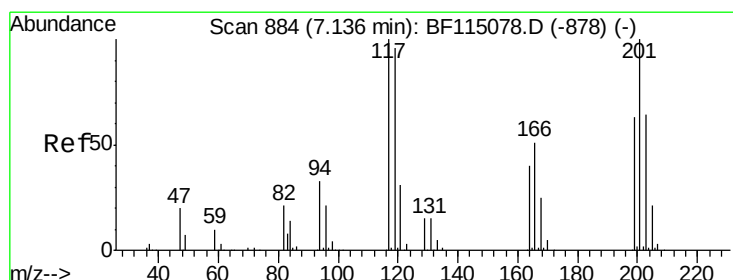
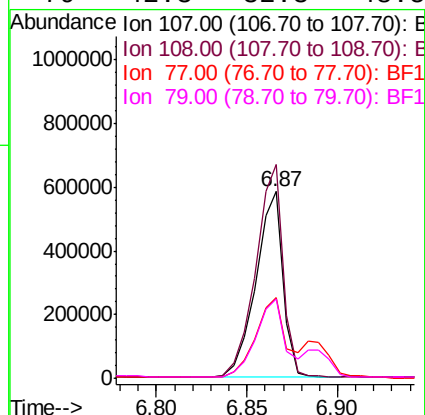
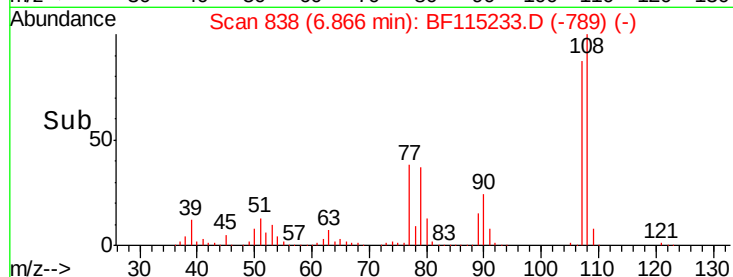
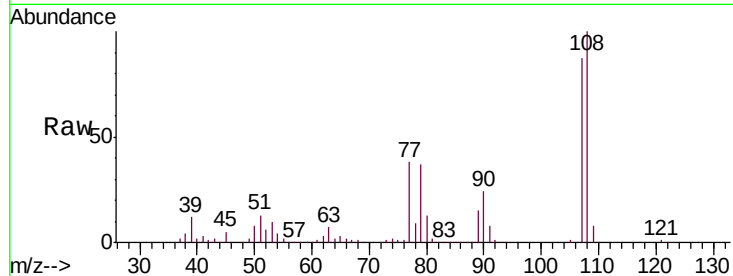




#17
2-Methylphenol
Concen: 41.053 ng
RT: 6.87 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

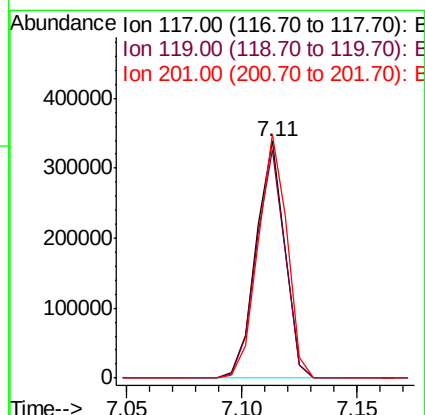
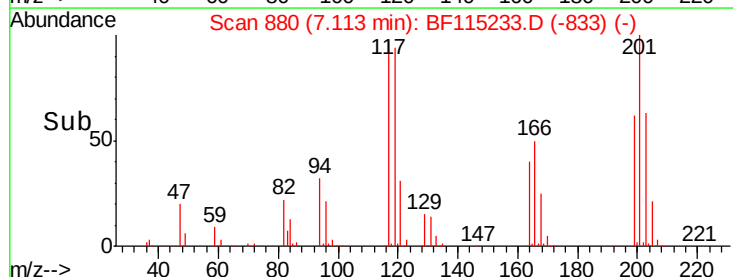
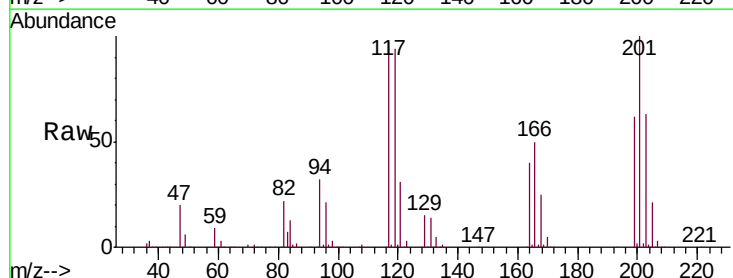
Instrument :
BNA_F
ClientSampleId :
PB120902BS

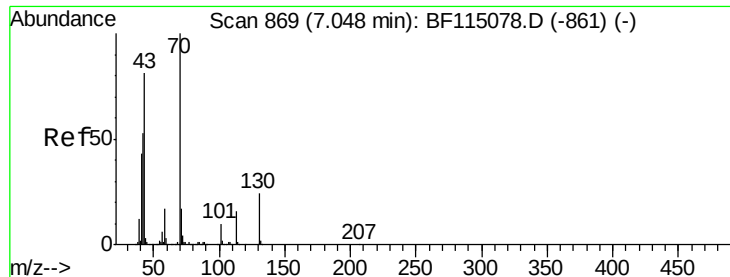
Tgt Ion:	107	Resp:	610779
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.9	136.3
77	43.3	33.4	50.2
79	42.3	32.3	48.5



#18
Hexachloroethane
Concen: 40.552 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:	117	Resp:	293265
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
201	102.7	80.2	120.2

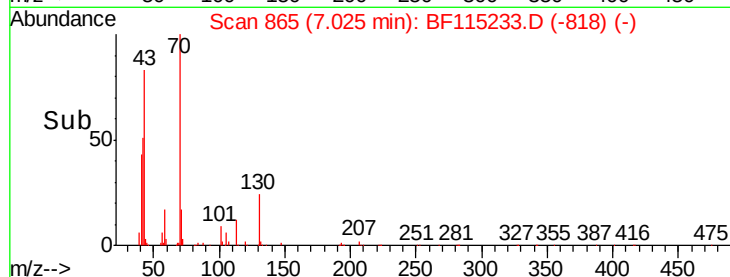
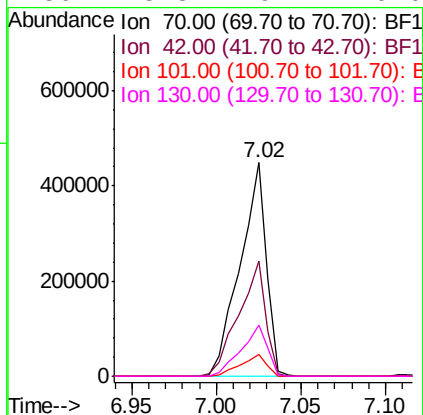
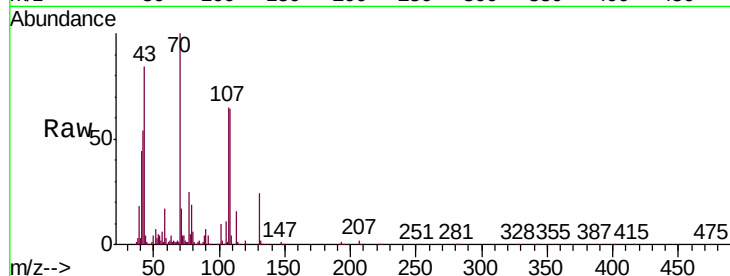




#19
n-Nitroso-di-n-propylamine
Concen: 39.229 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

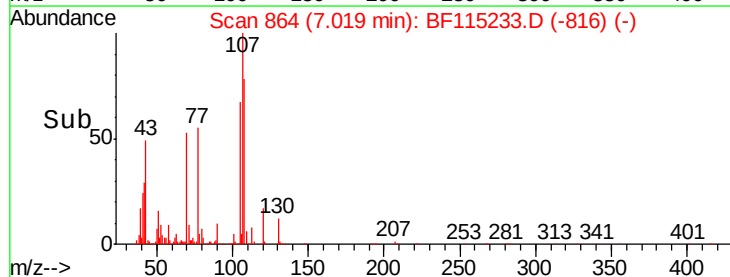
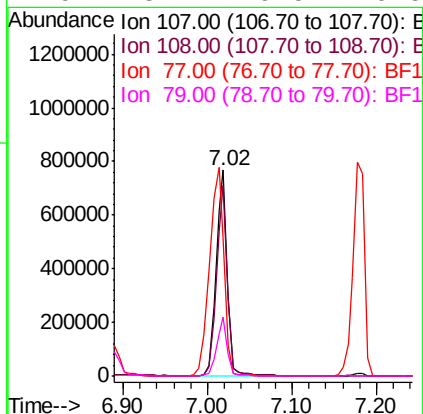
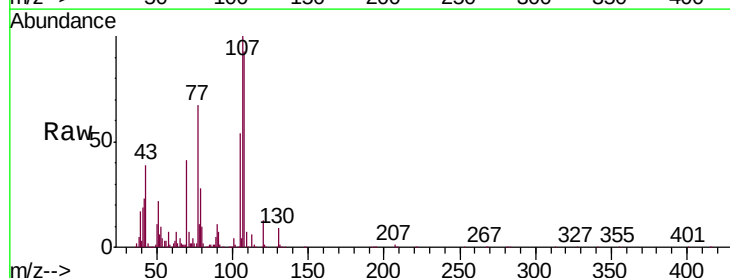
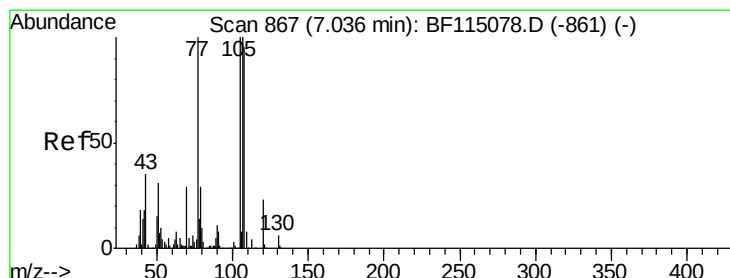
Instrument :
BNA_F
ClientSampleId :
PB120902BS

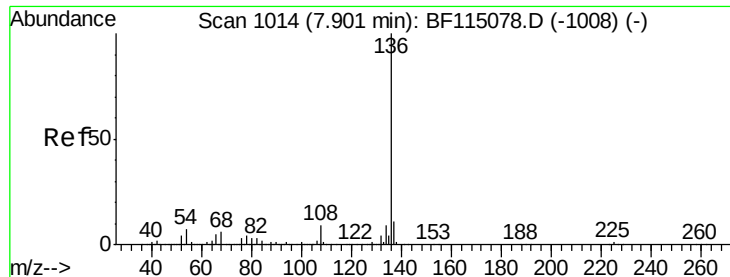
Tgt Ion:	70	Resp:	488640
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.6	63.8
101	10.0	8.0	12.0
130	23.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 42.234 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:	107	Resp:	725546
Ion	Ratio	Lower	Upper
107	100		
108	92.8	75.5	115.5
77	67.3	80.2	120.2#
79	28.4	9.5	49.5

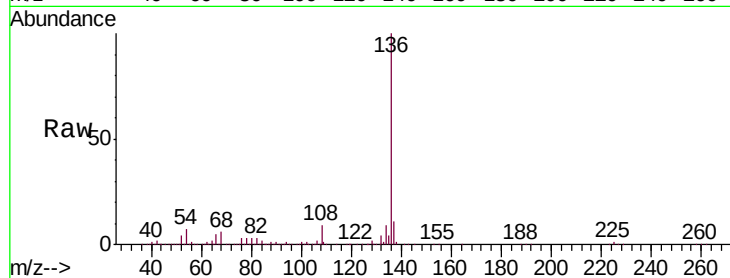




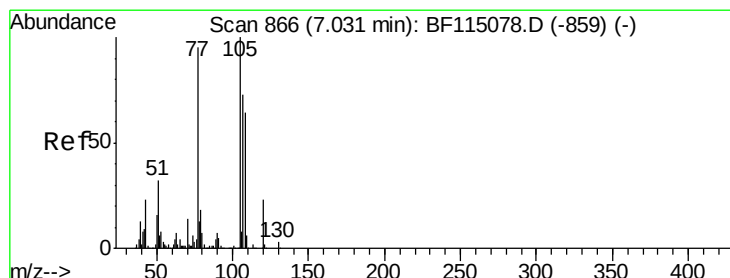
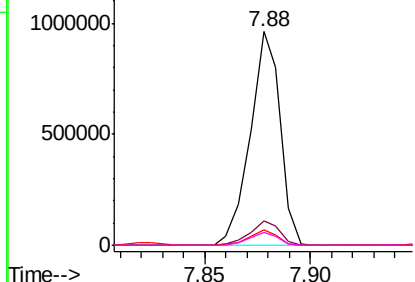
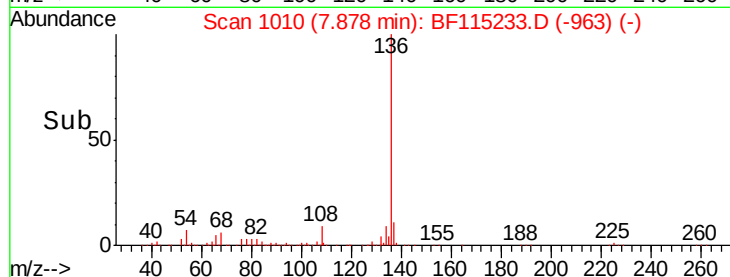
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion:	136	Resp:	946287
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.1	5.6	8.4
68	5.9	4.8	7.2

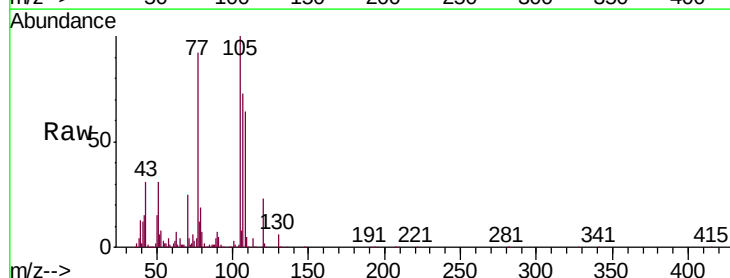


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

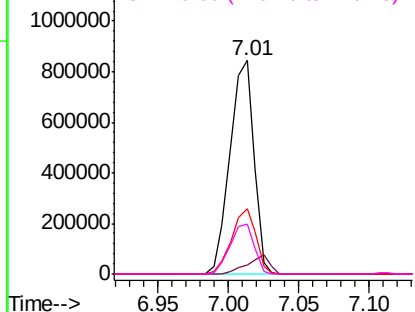
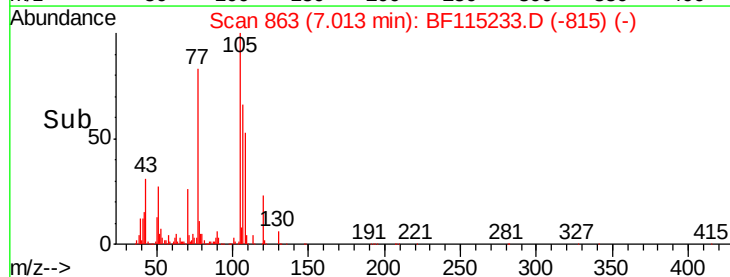


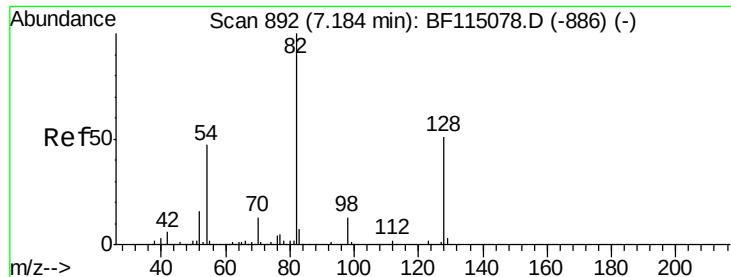
#22
Acetophenone
Concen: 46.213 ng
RT: 7.01 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:	105	Resp:	1001144
Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.9	2.9#
51	30.7	25.8	38.8
120	23.4	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
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

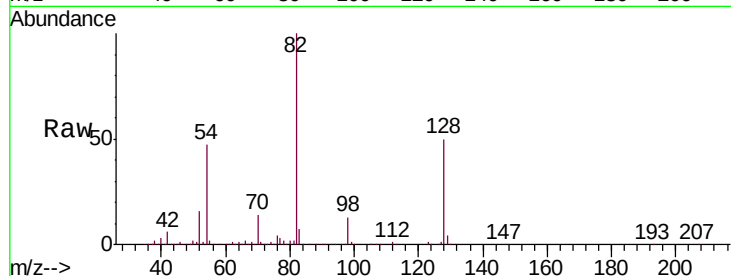




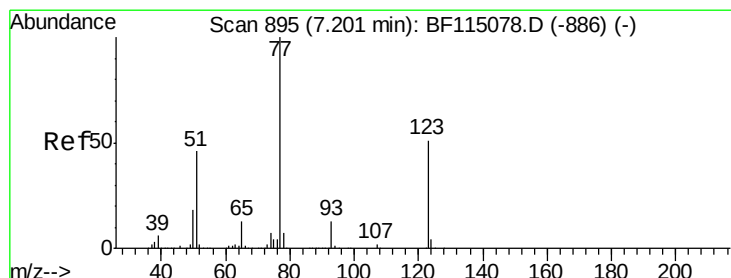
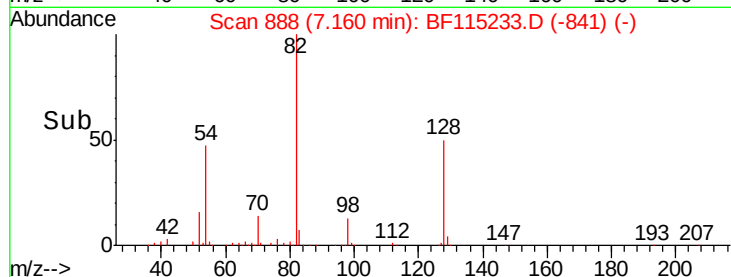
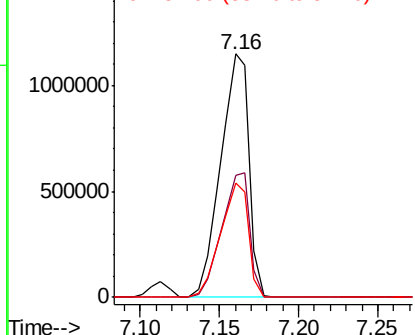
#23
 Nitrobenzene-d5
 Concen: 92.264 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tgt Ion: 82 Resp: 1419284
 Ion Ratio Lower Upper
 82 100
 128 50.2 40.4 60.6
 54 46.9 37.5 56.3

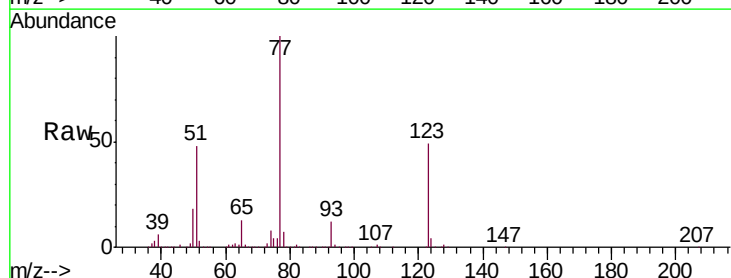


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

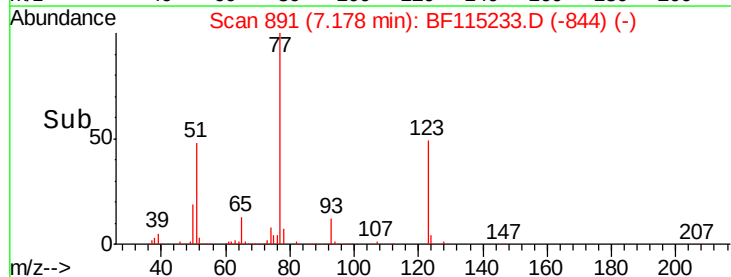
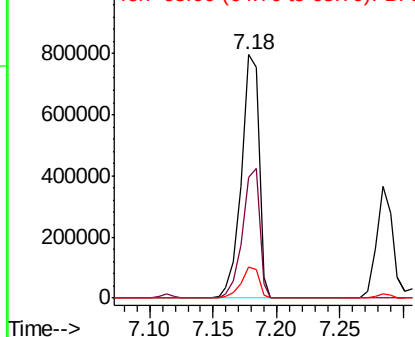


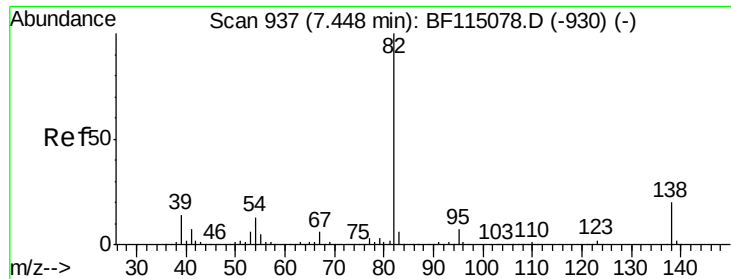
#24
 Nitrobenzene
 Concen: 44.804 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion: 77 Resp: 759305
 Ion Ratio Lower Upper
 77 100
 123 49.5 41.0 61.6
 65 12.9 10.5 15.7



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





#25

Isophorone

Concen: 44.451 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

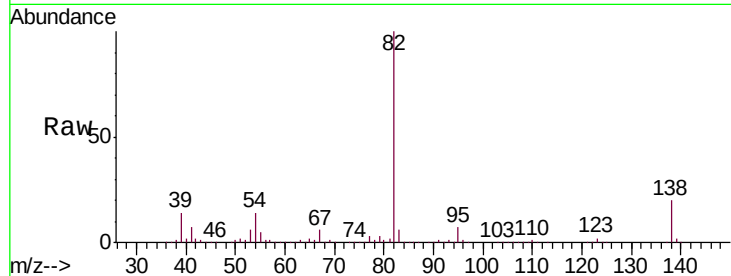
Tgt Ion: 82 Resp: 1400750

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

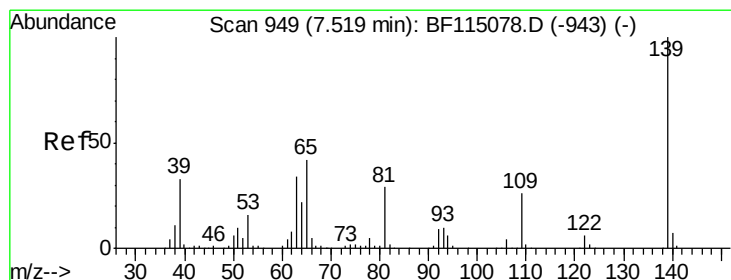
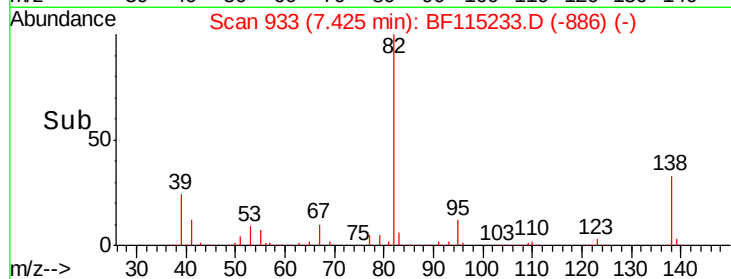
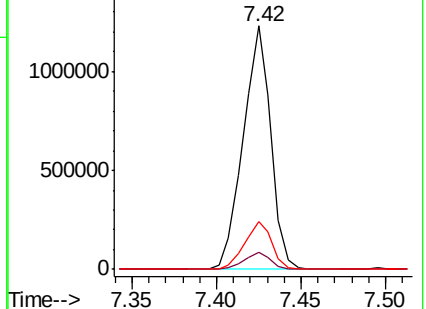
138 19.6 15.9 23.9



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: 50.916 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

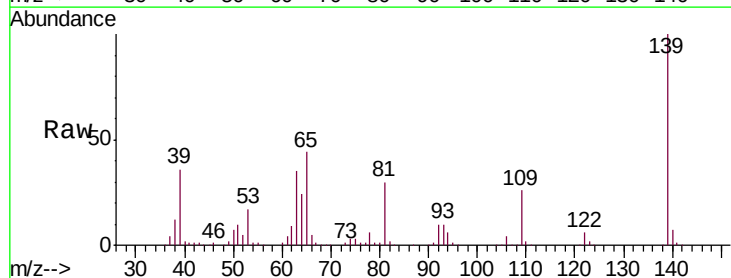
Tgt Ion: 139 Resp: 426122

Ion Ratio Lower Upper

139 100

109 25.6 20.4 30.6

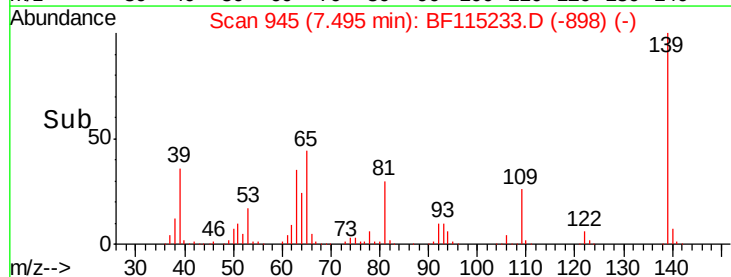
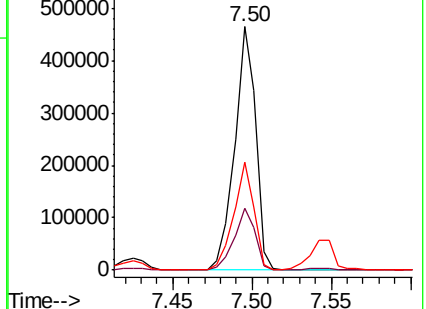
65 44.4 33.6 50.4

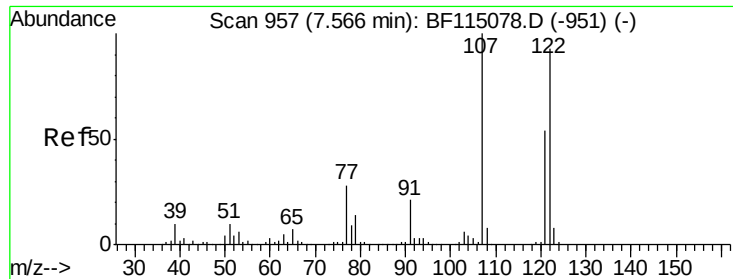


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

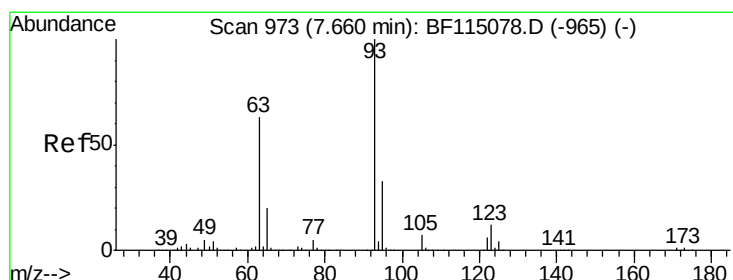
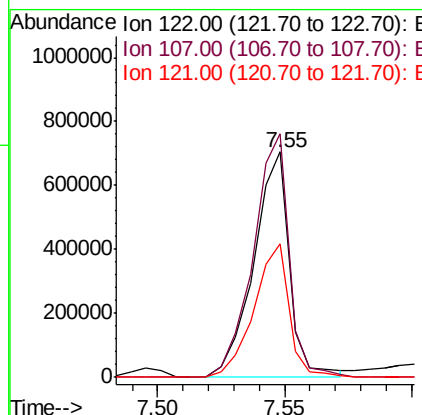
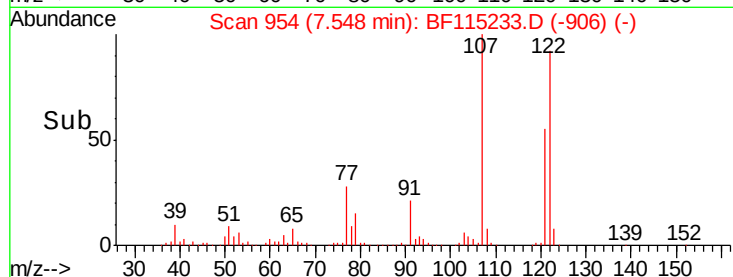
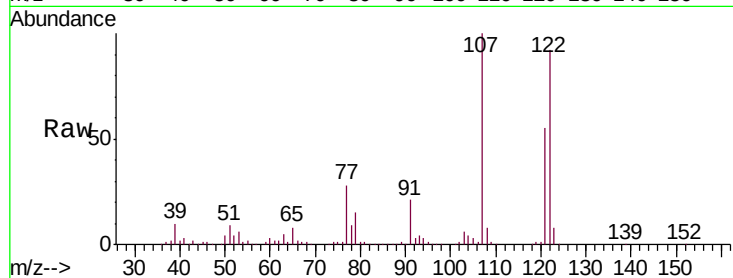




#27
 2,4-Dimethylphenol
 Concen: 50.872 ng
 RT: 7.55 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

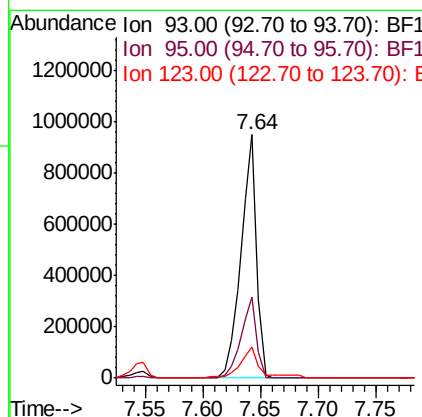
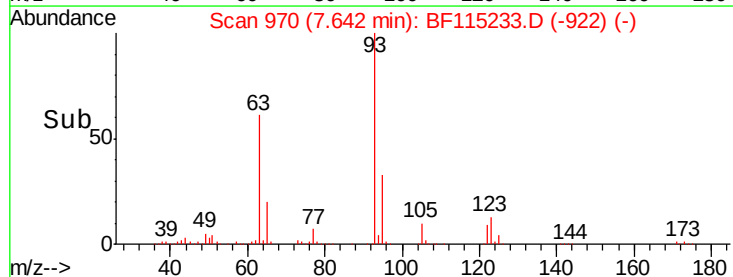
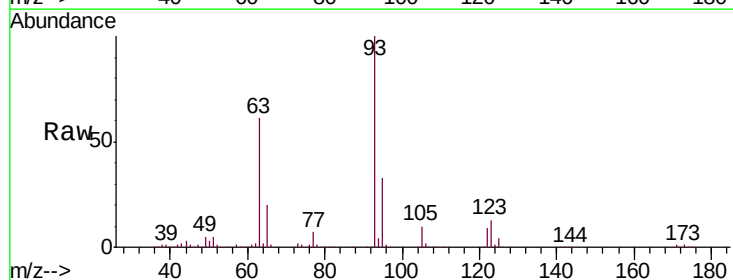
Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

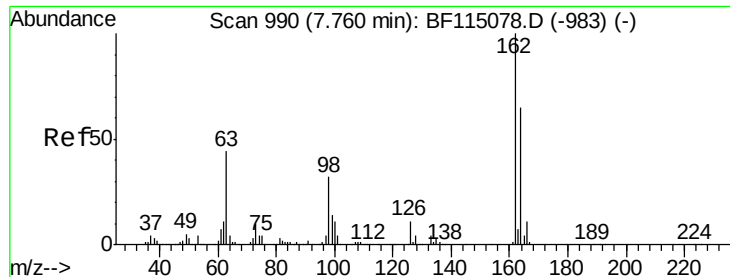
Tgt Ion:122 Resp: 697096
 Ion Ratio Lower Upper
 122 100
 107 108.1 85.8 128.6
 121 59.1 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.415 ng
 RT: 7.64 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion: 93 Resp: 884628
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.2 39.4
 123 12.9 9.7 14.5

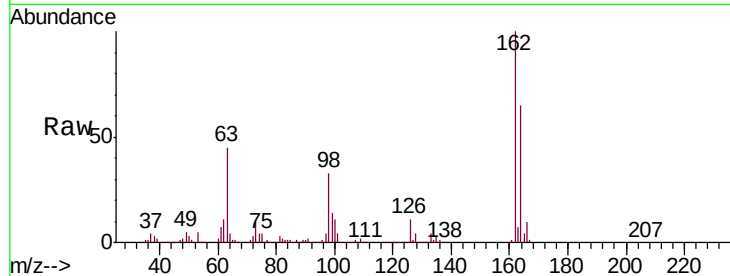




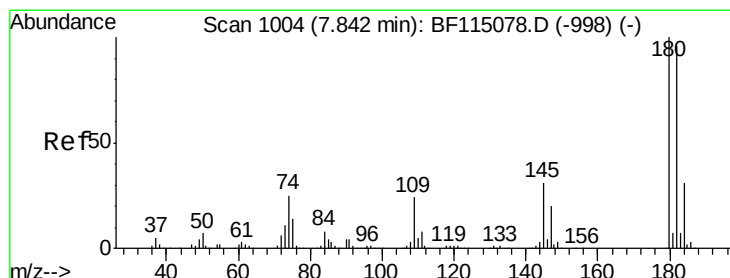
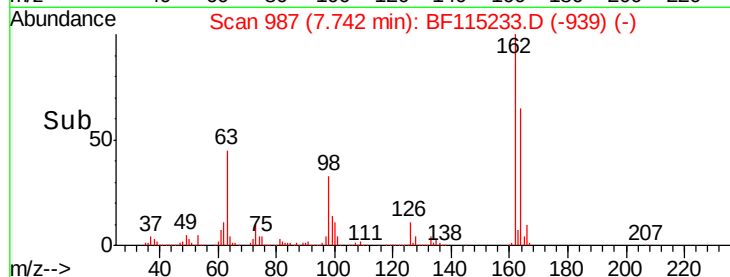
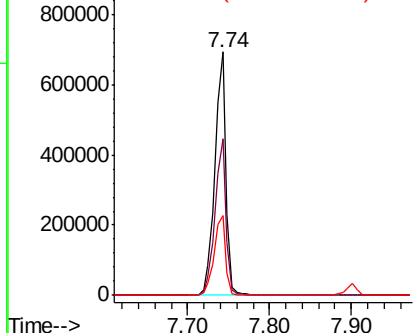
#29
2,4-Dichlorophenol
Concen: 46.624 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.3	85.3
98	33.0	12.5	52.5

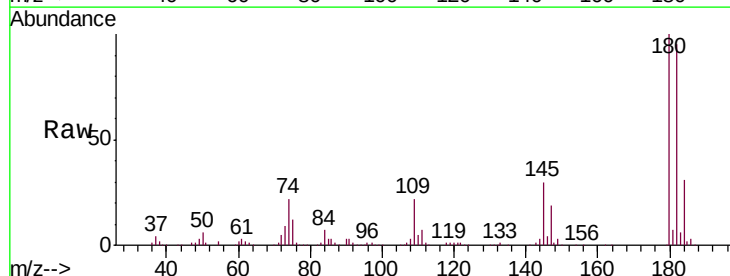


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

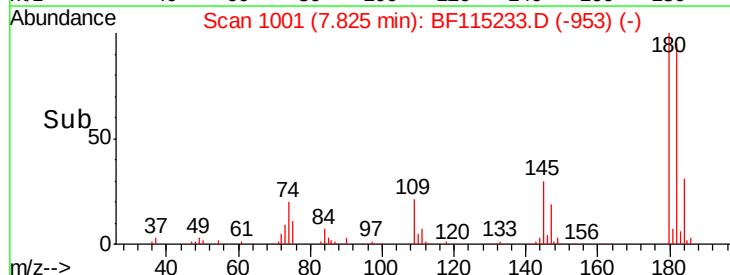
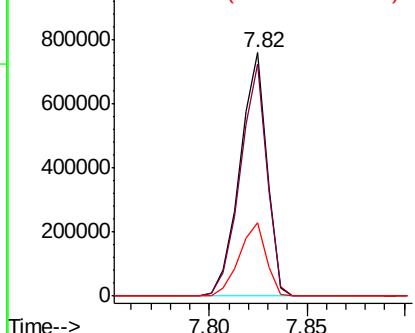


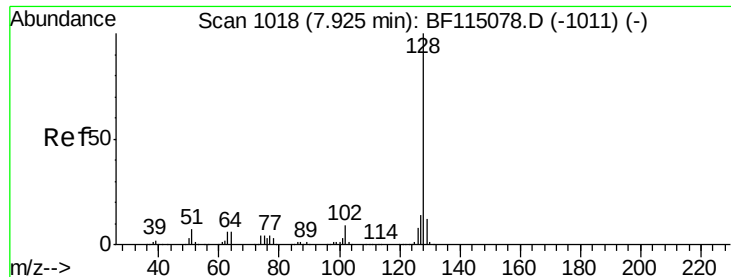
#30
1,2,4-Trichlorobenzene
Concen: 46.382 ng
RT: 7.82 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	30.0	24.8	37.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

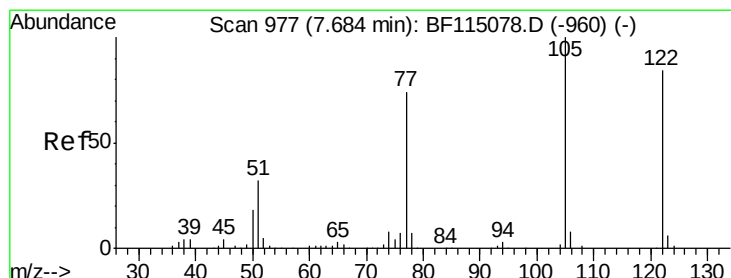
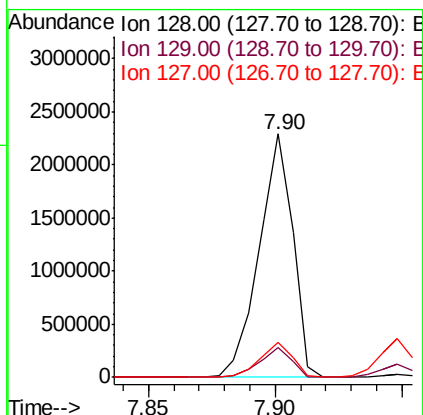
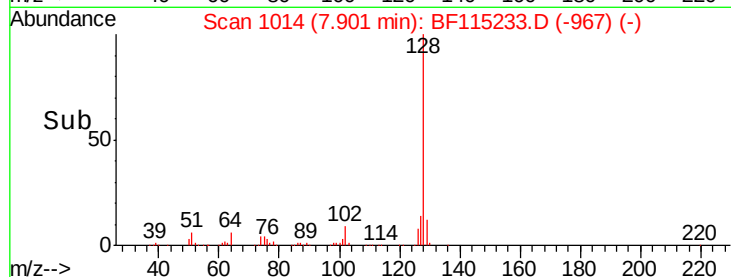
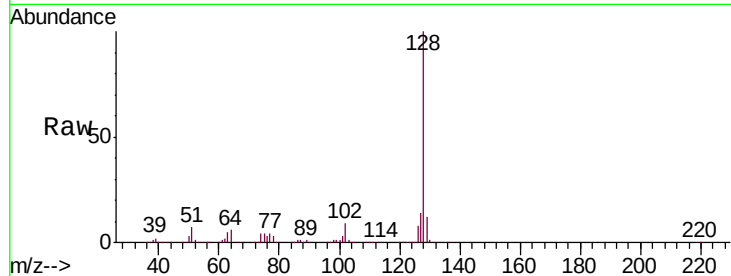




#31
Naphthalene
Concen: 45.782 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

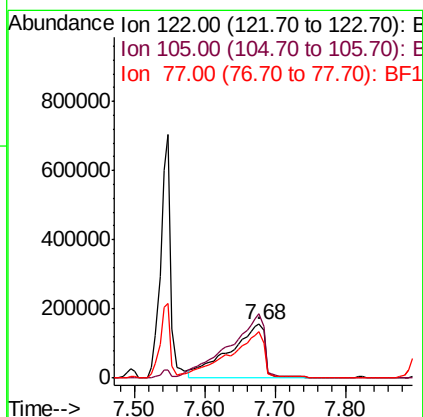
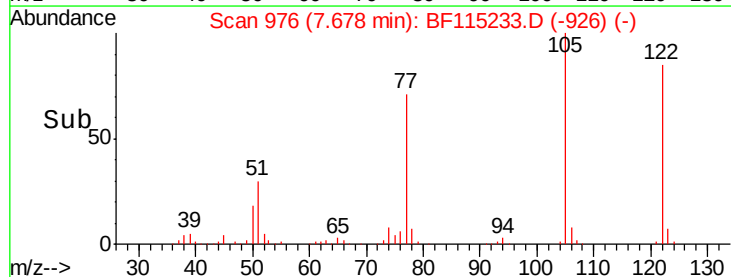
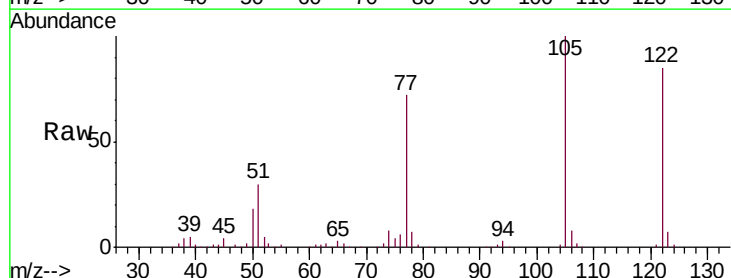
Instrument :
BNA_F
ClientSampleId :
PB120902BS

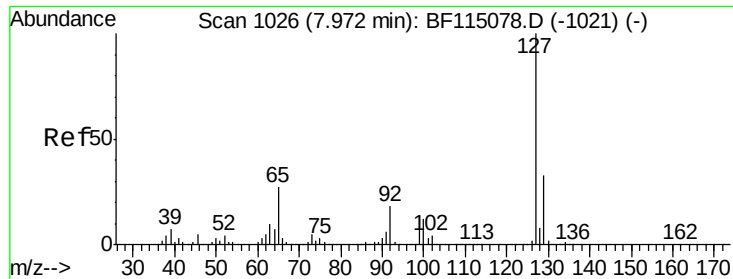
Tgt Ion:128 Resp: 2126623
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 55.671 ng
RT: 7.68 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:122 Resp: 544531
Ion Ratio Lower Upper
122 100
105 118.1 98.2 138.2
77 85.0 67.0 107.0

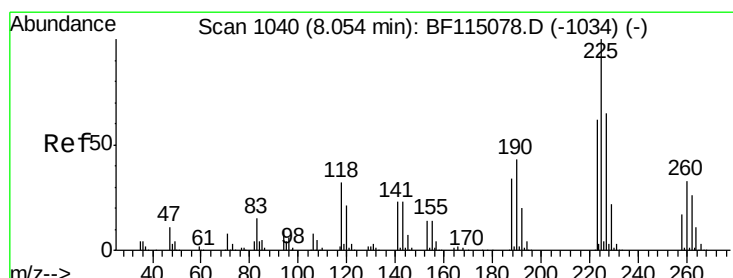
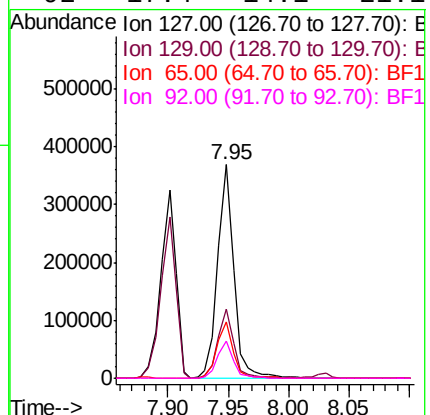
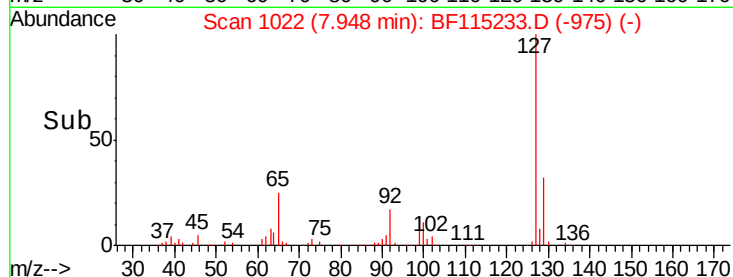
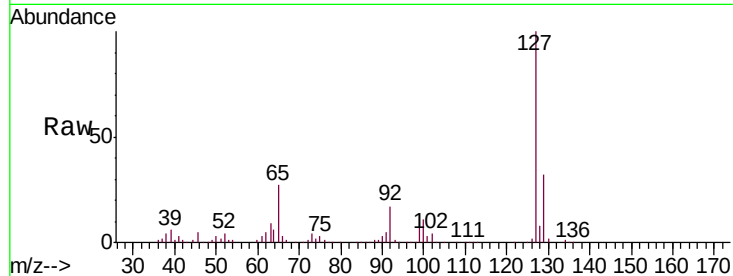




#33
4-Chloroaniline
Concen: 16.054 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

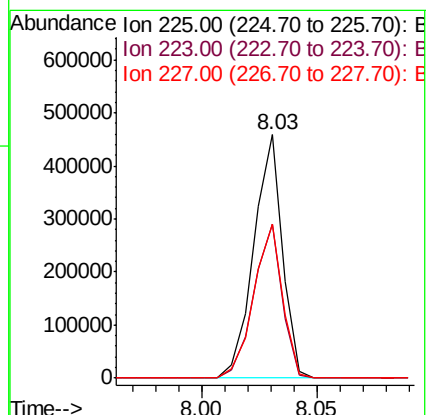
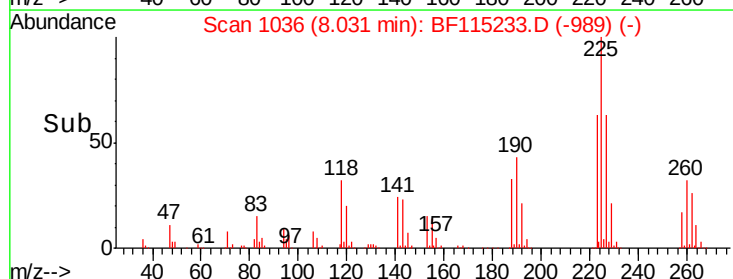
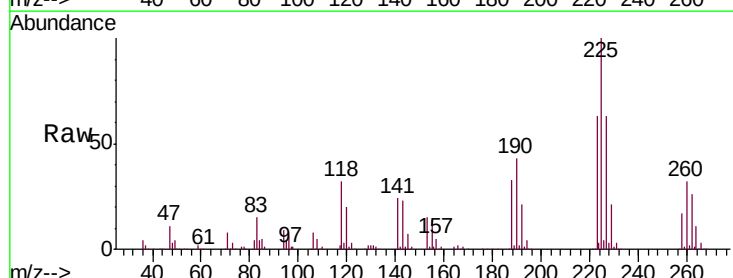
Instrument :
BNA_F
ClientSampleId :
PB120902BS

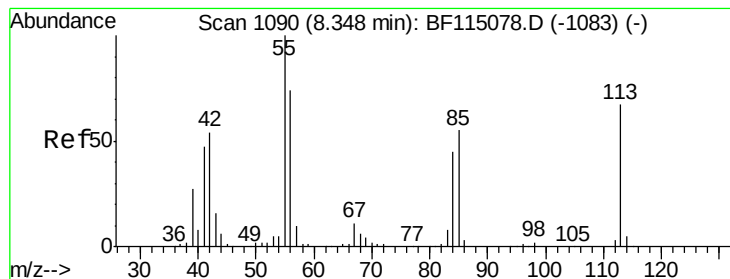
Tgt Ion:	127	Resp:	340820
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	26.6	21.4	32.2
92	17.4	14.1	21.1



#34
Hexachlorobutadiene
Concen: 46.586 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:	225	Resp:	398768
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.4	51.8	77.8





#35

Caprolactam

Concen: 24.696 ng

RT: 8.32 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

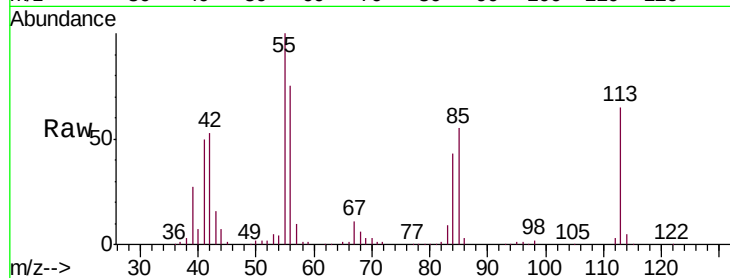
Tgt Ion:113 Resp: 117415

Ion Ratio Lower Upper

113 100

55 154.5 130.2 170.2

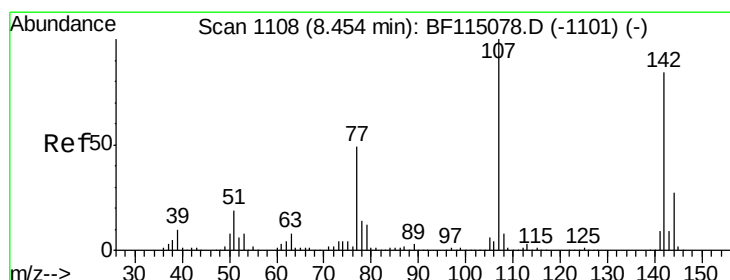
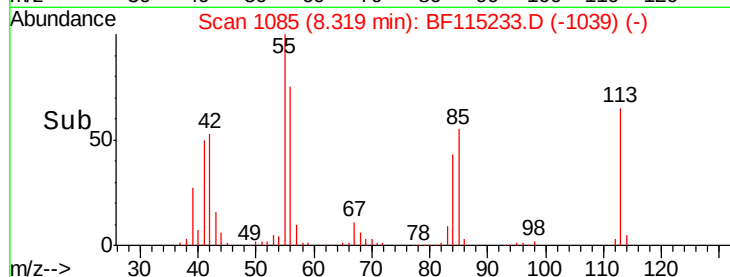
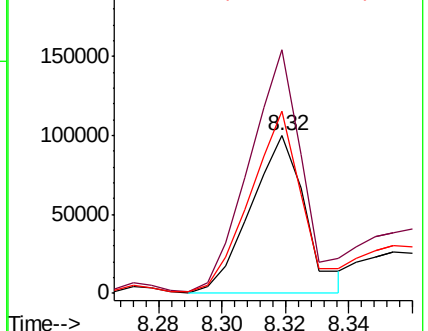
56 115.9 91.6 131.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.654 ng

RT: 8.44 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

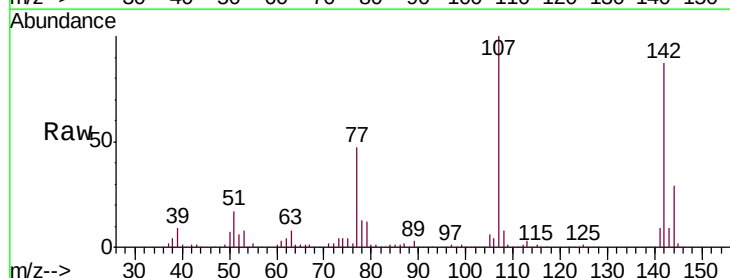
Tgt Ion:107 Resp: 653814

Ion Ratio Lower Upper

107 100

144 28.9 21.7 32.5

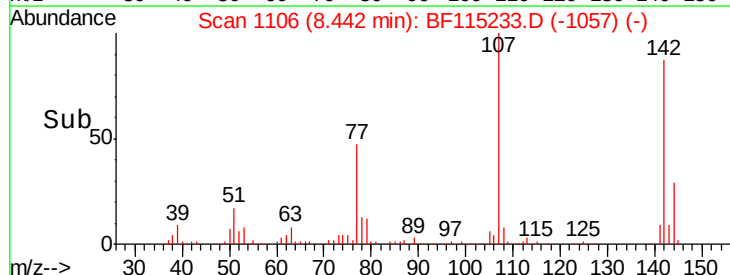
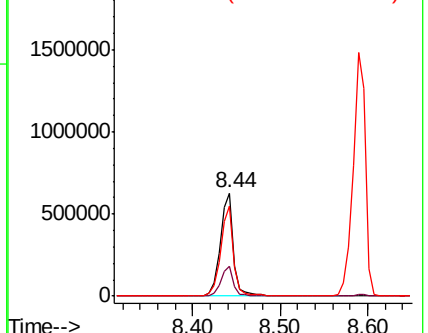
142 86.6 67.0 100.4

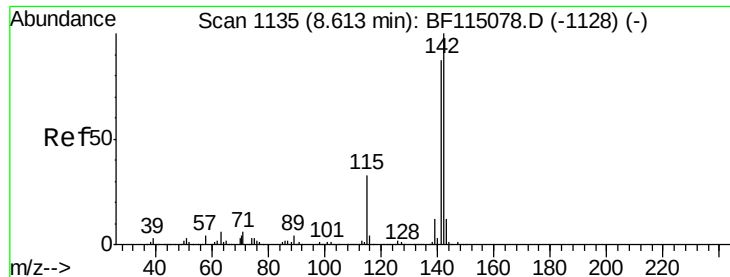


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

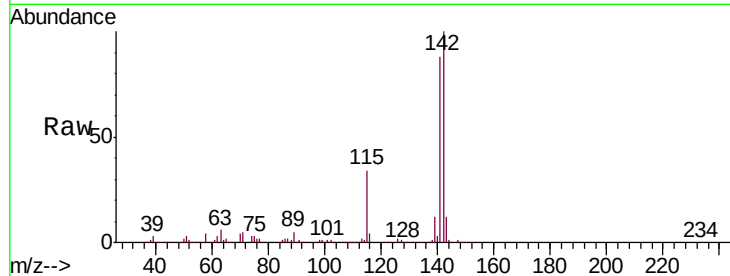




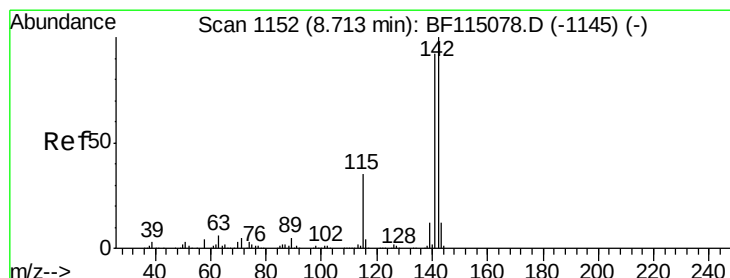
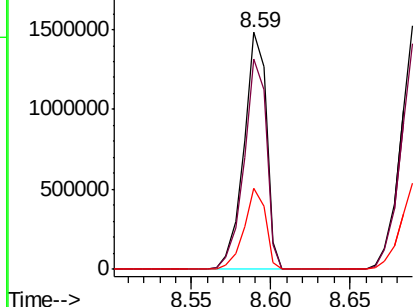
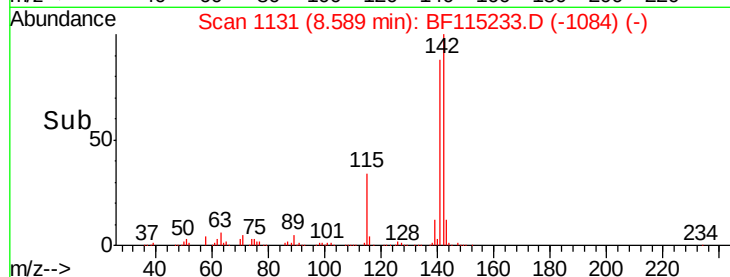
#37
 2-Methylnaphthalene
 Concen: 46.446 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tgt Ion:142 Resp: 1454662
 Ion Ratio Lower Upper
 142 100
 141 88.5 69.8 104.6
 115 34.0 26.7 40.1

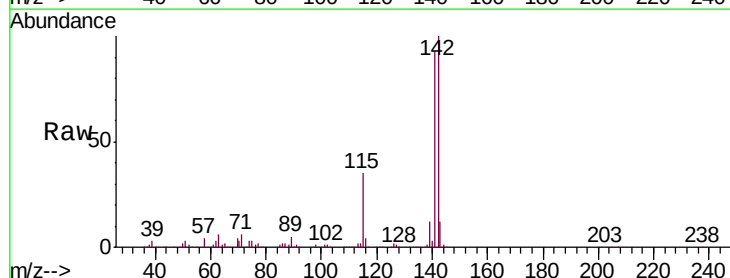


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

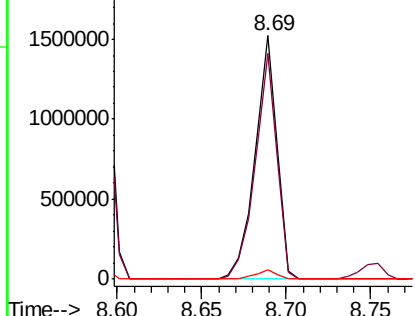
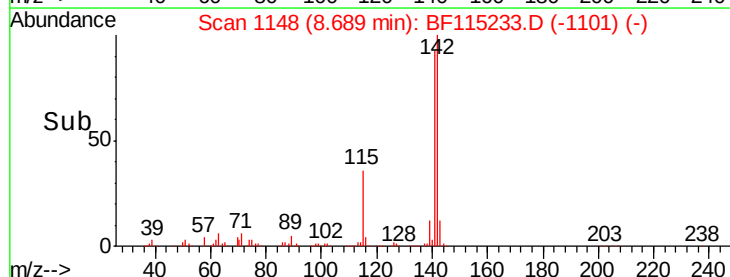


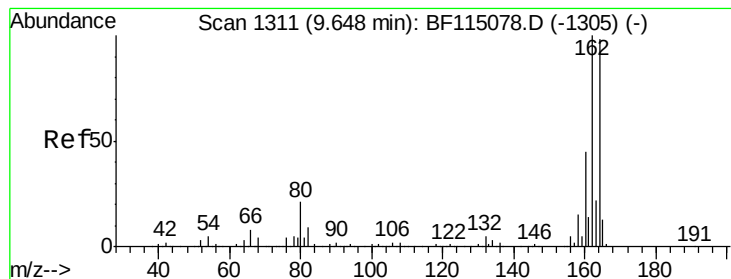
#38
 1-Methylnaphthalene
 Concen: 46.159 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:142 Resp: 1380733
 Ion Ratio Lower Upper
 142 100
 141 92.7 73.8 110.8
 116 3.8 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: 9.62 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

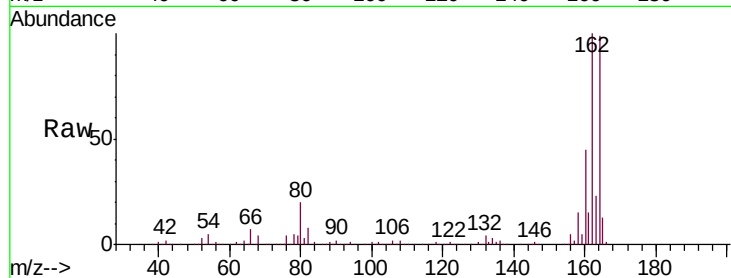
Tgt Ion:164 Resp: 459707

Ion Ratio Lower Upper

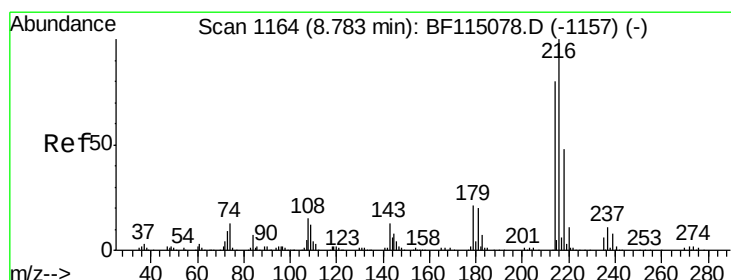
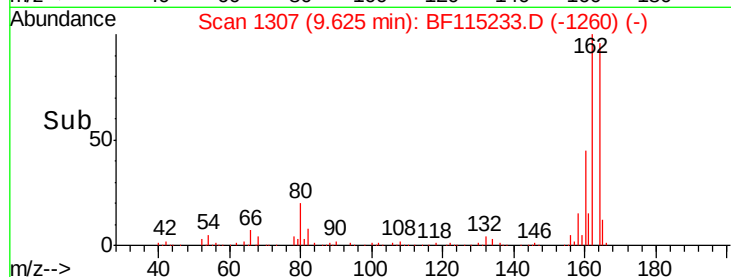
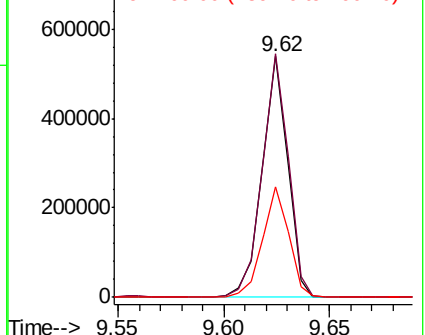
164 100

162 101.1 81.7 122.5

160 45.7 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: 46.617 ng

RT: 8.76 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion:216 Resp: 605576

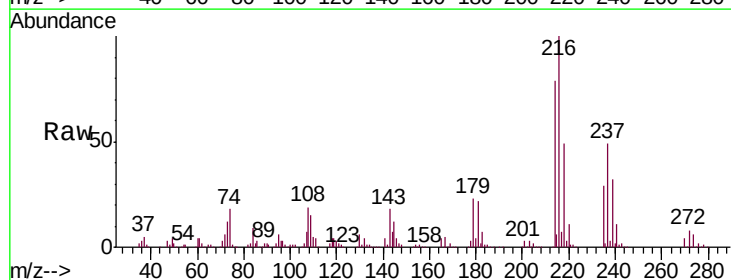
Ion Ratio Lower Upper

216 100

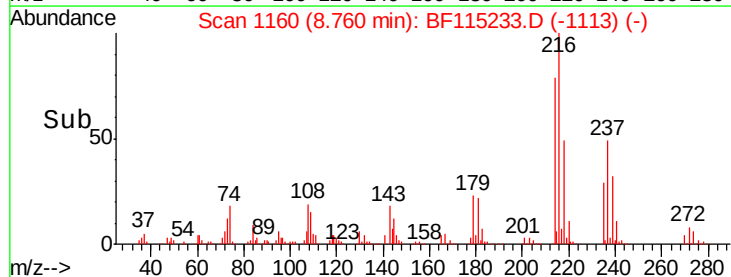
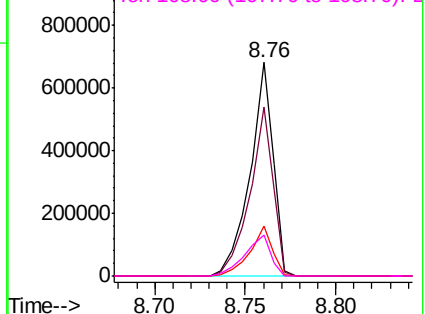
214 79.0 63.8 95.6

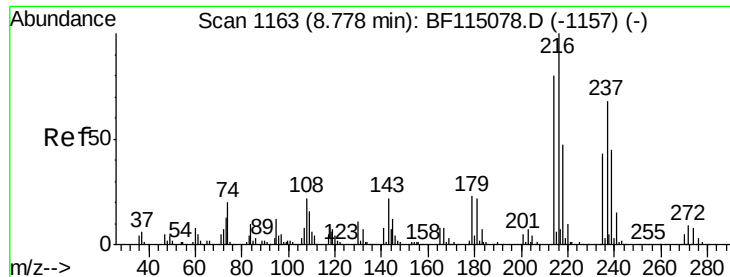
179 22.4 17.6 26.4

108 21.4 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

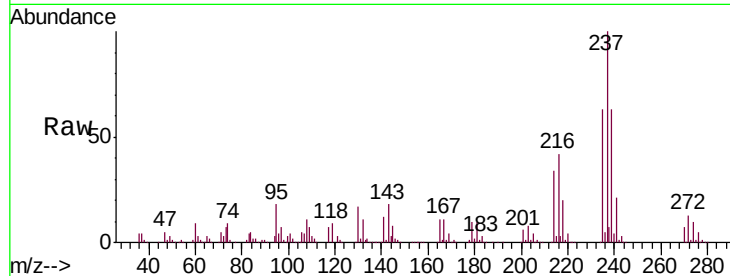




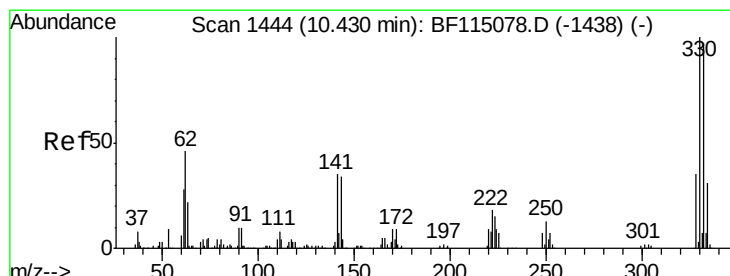
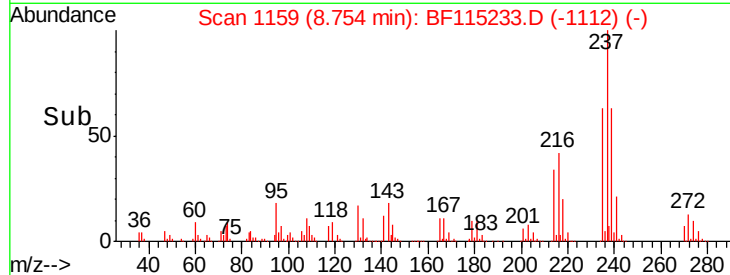
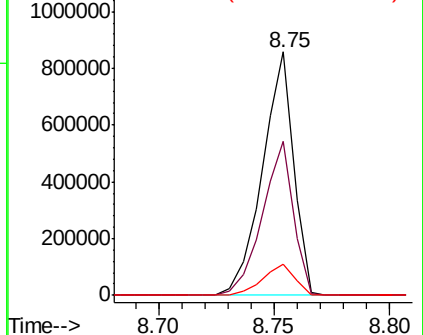
#41
Hexachlorocyclopentadiene
Concen: 104.603 ng
RT: 8.75 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion: 237 Resp: 805748
Ion Ratio Lower Upper
237 100
235 63.2 43.9 83.9
272 13.0 0.0 33.8

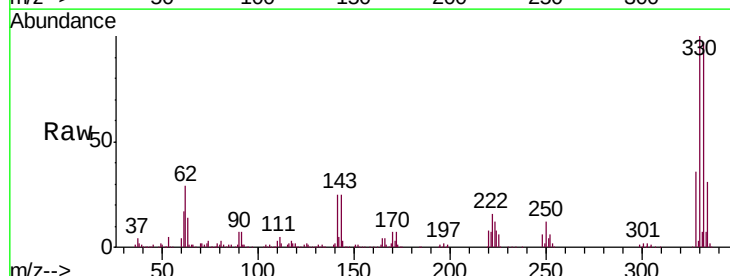


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

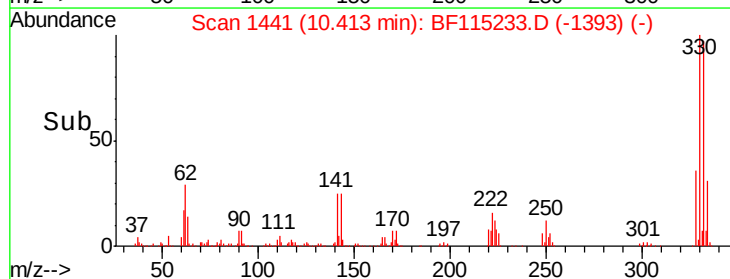
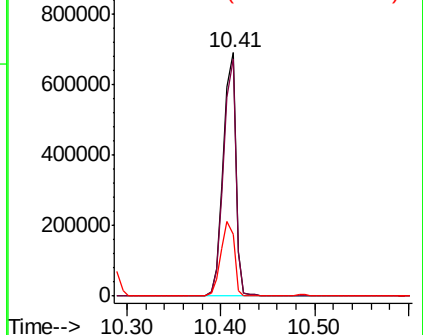


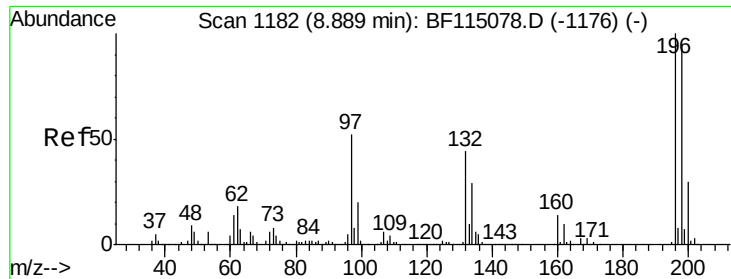
#42
2,4,6-Tribromophenol
Concen: 134.597 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion: 330 Resp: 652494
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.6 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

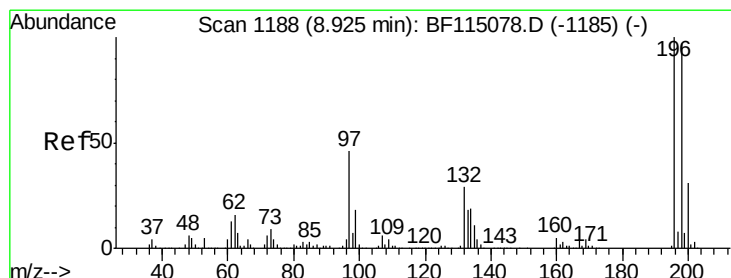
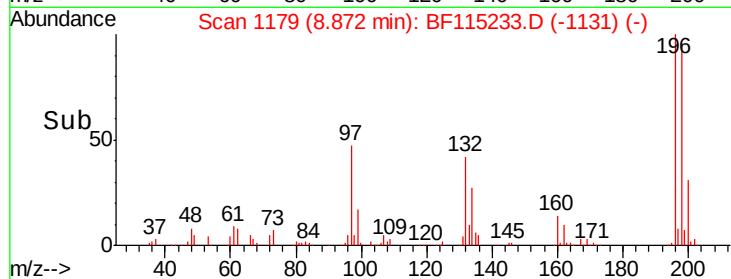
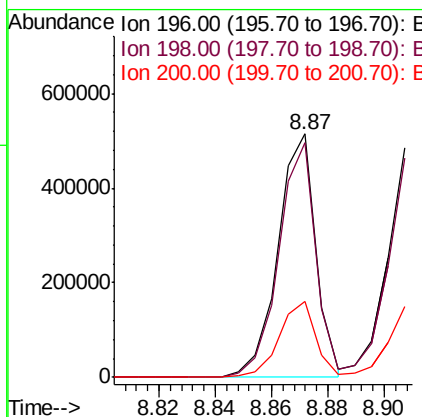
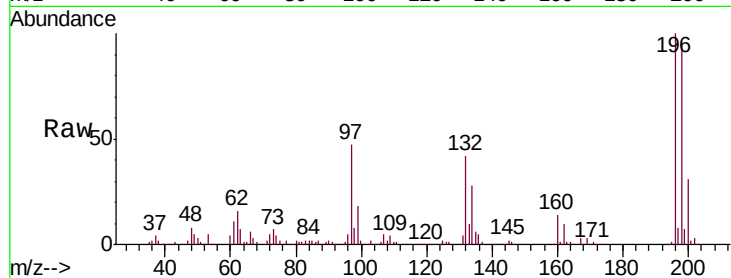




#43
 2,4,6-Trichlorophenol
 Concen: 47.479 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

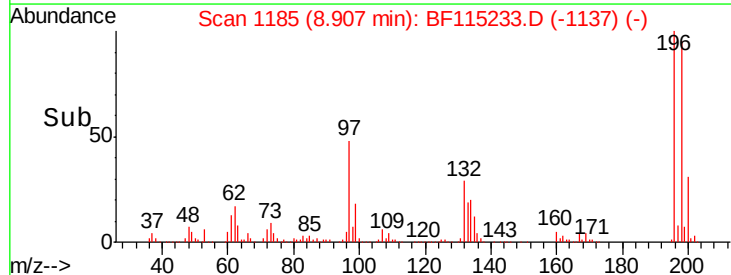
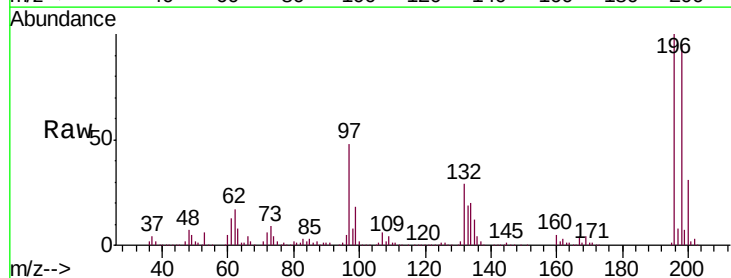
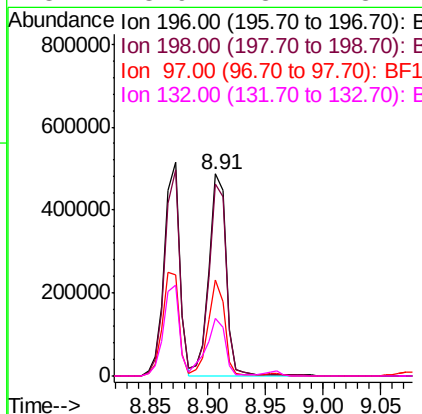
Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

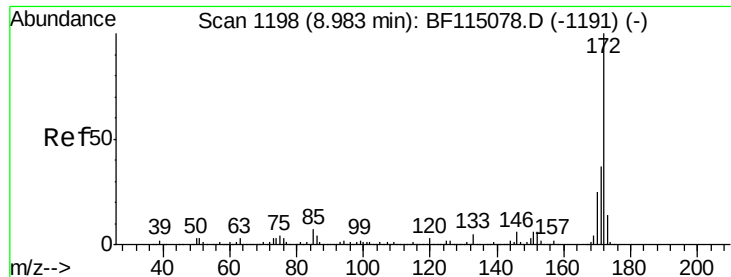
Tgt Ion:196 Resp: 476173
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.3 114.5
 200 31.4 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 49.427 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:196 Resp: 510487
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 97 47.5 37.7 56.5
 132 28.9 23.1 34.7

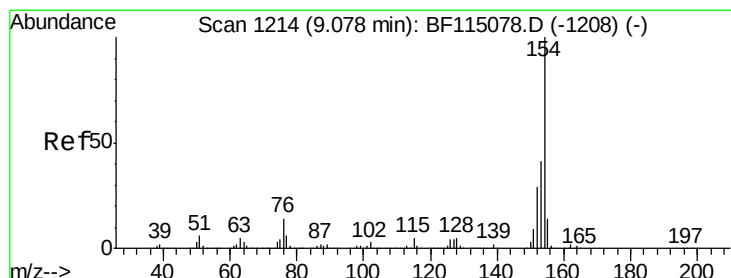
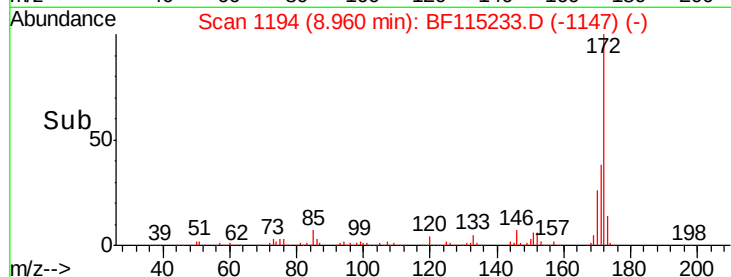
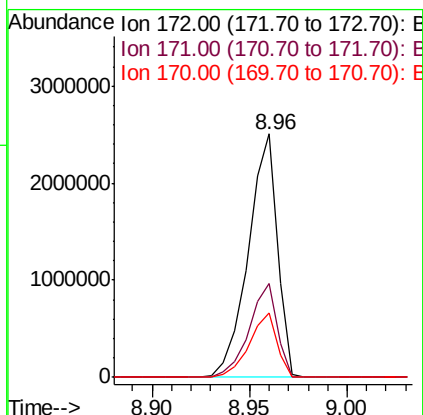
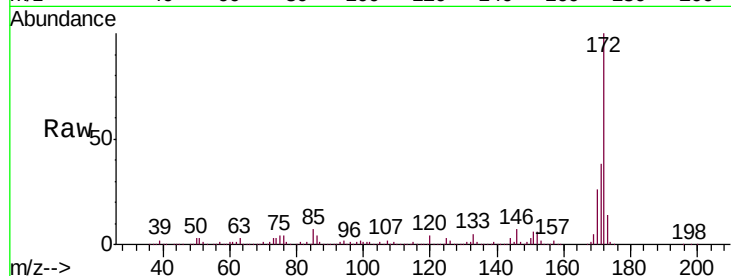




#45
2-Fluorobiphenyl
Concen: 95.433 ng
RT: 8.96 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

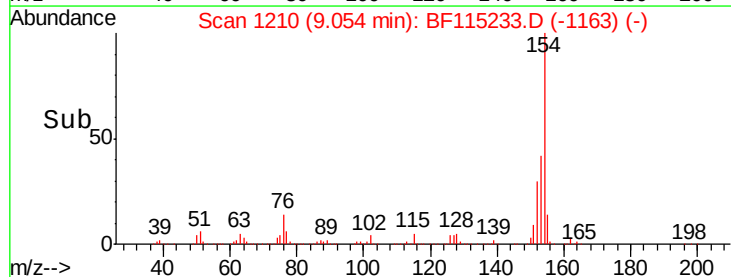
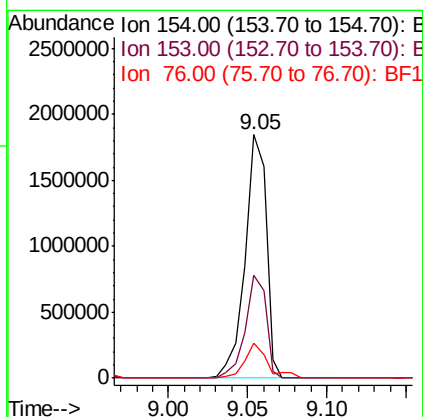
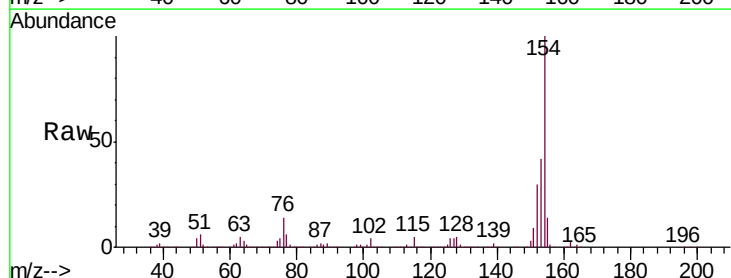
Instrument :
BNA_F
ClientSampleId :
PB120902BS

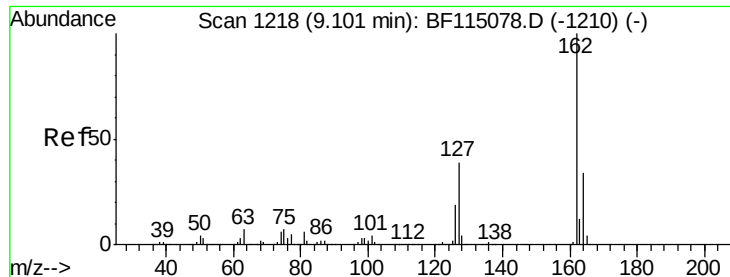
Tgt Ion:172 Resp: 2582760
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.6
170 26.3 20.3 30.5



#46
1,1'-Biphenyl
Concen: 46.202 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:154 Resp: 1699435
Ion Ratio Lower Upper
154 100
153 42.1 20.9 60.9
76 14.1 0.0 34.1

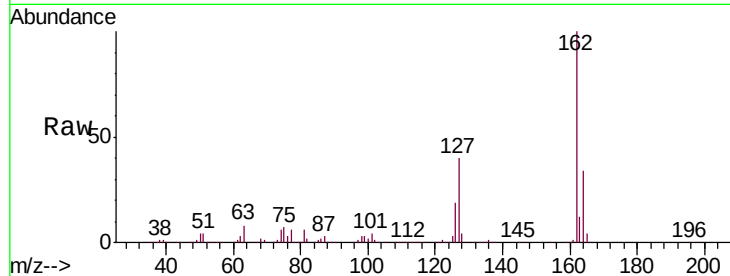




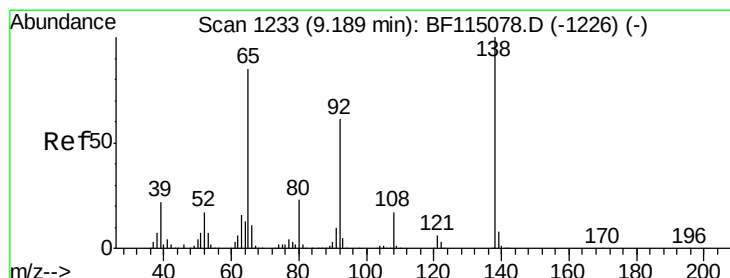
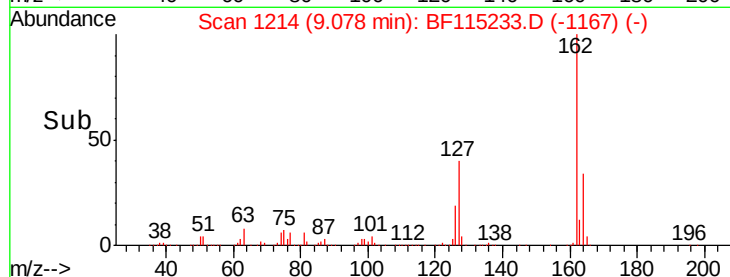
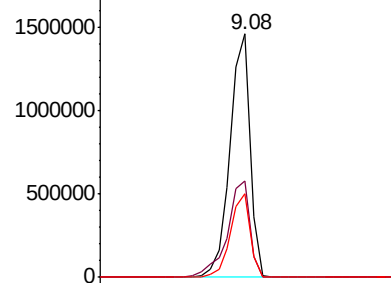
#47
 2-Chloronaphthalene
 Concen: 45.502 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tgt Ion: 162 Resp: 1357631
 Ion Ratio Lower Upper
 162 100
 127 39.8 30.8 46.2
 164 34.1 27.0 40.4

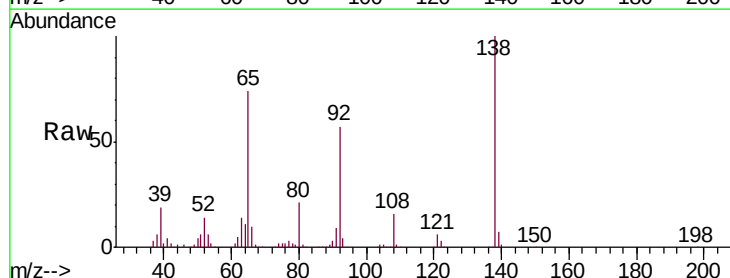


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

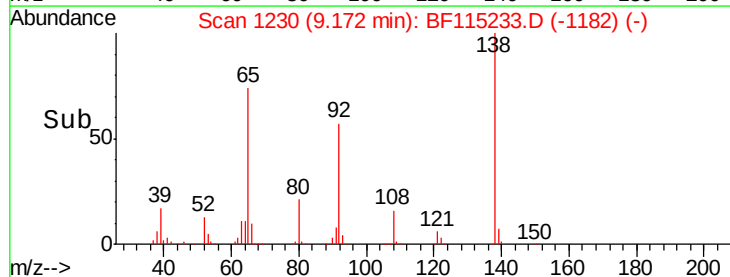
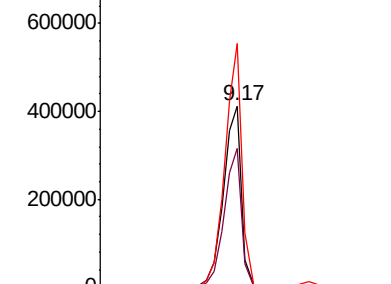


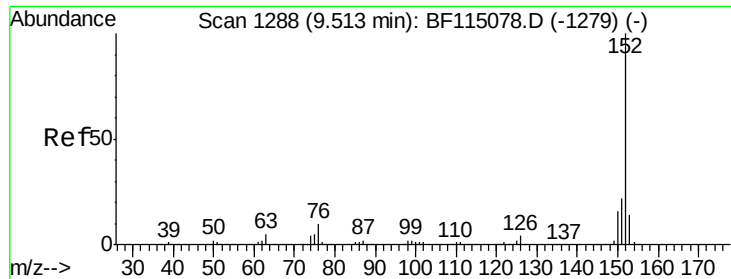
#48
 2-Nitroaniline
 Concen: 44.324 ng
 RT: 9.17 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion: 65 Resp: 385558
 Ion Ratio Lower Upper
 65 100
 92 76.2 57.4 86.2
 138 134.3 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: 44.938 ng

RT: 9.49 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

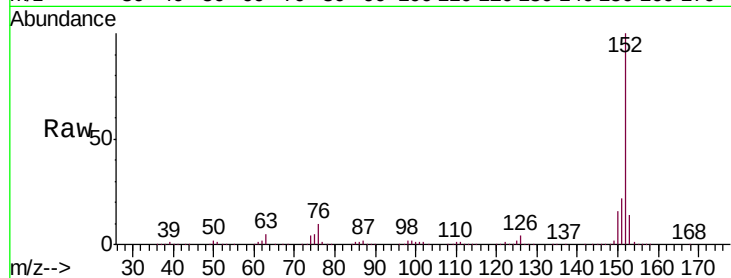
Tgt Ion:152 Resp: 2089033

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

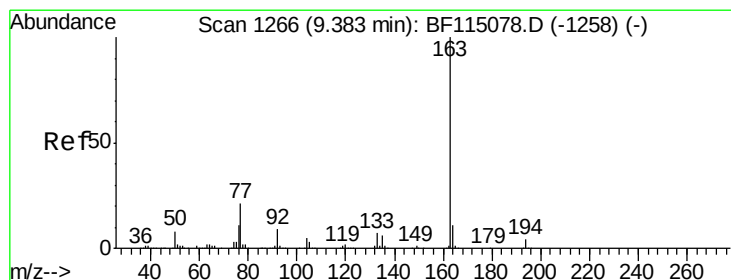
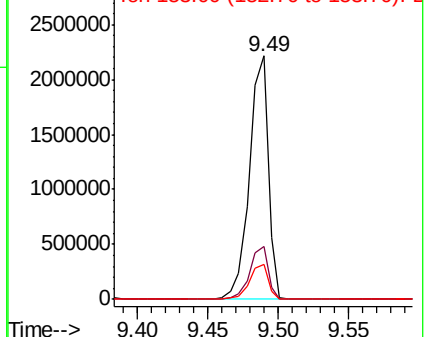
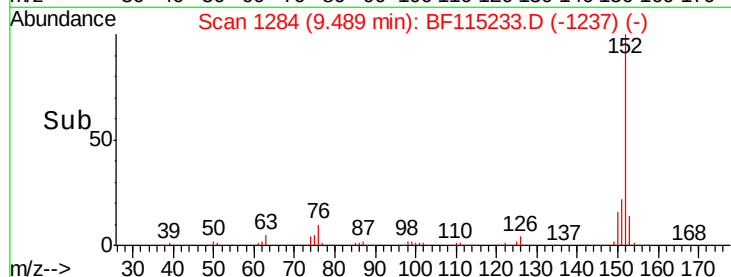
153 14.2 11.0 16.6



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: 46.139 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

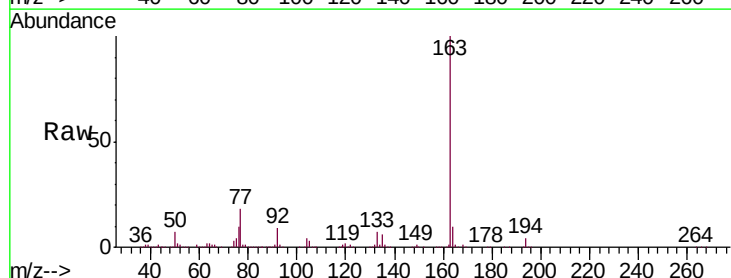
Tgt Ion:163 Resp: 1560500

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

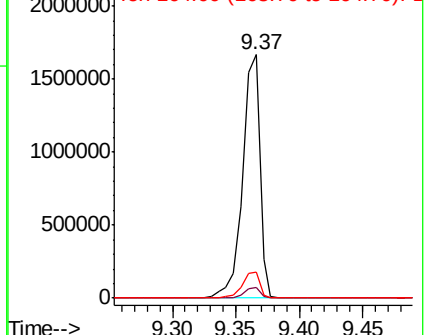
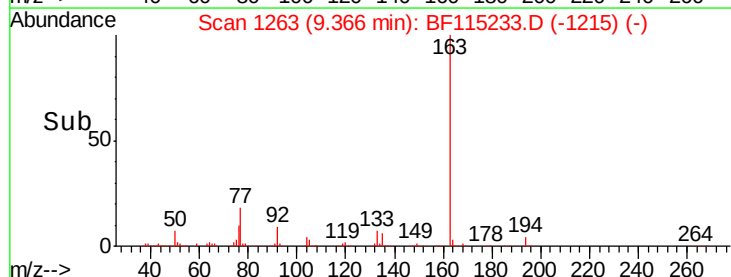
164 10.4 8.6 13.0

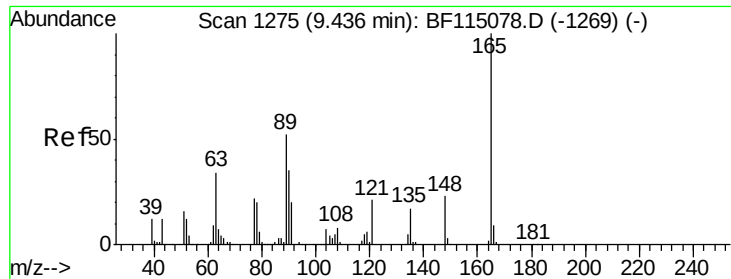


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

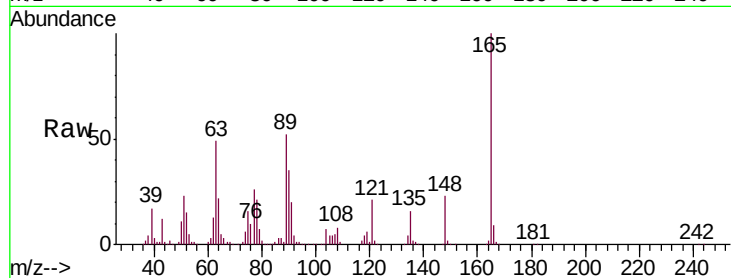




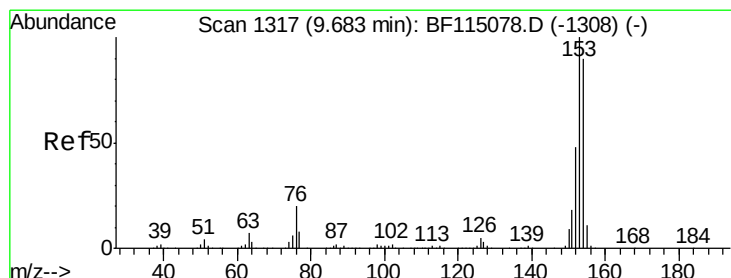
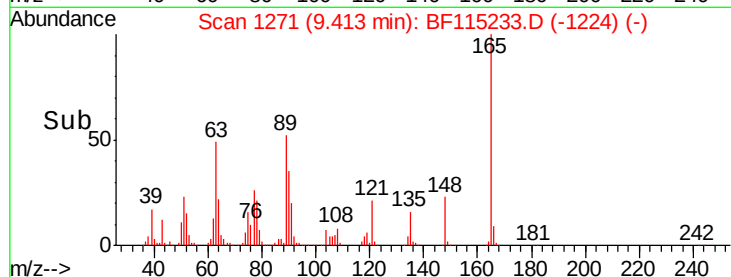
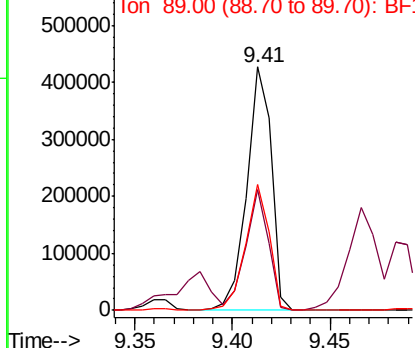
#51
 2,6-Dinitrotoluene
 Concen: 47.640 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampled :
 PB120902BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.3	39.4	59.2
89	51.8	42.0	63.0

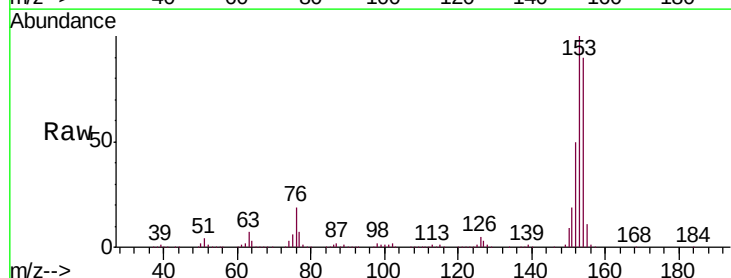


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

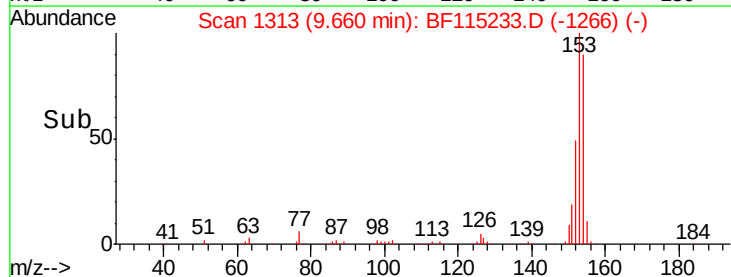
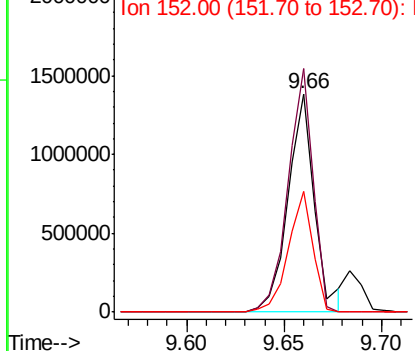


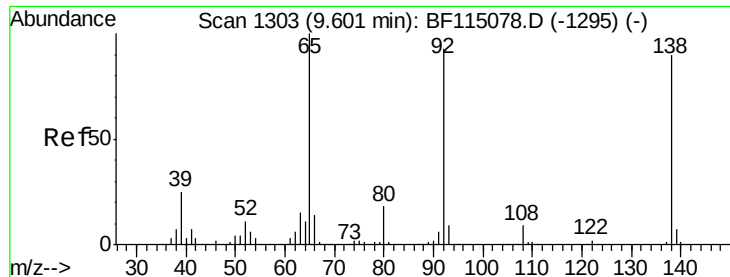
#52
 Acenaphthene
 Concen: 44.676 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.7	133.1
152	55.3	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

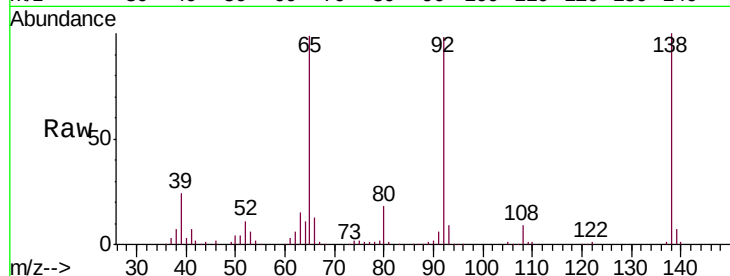




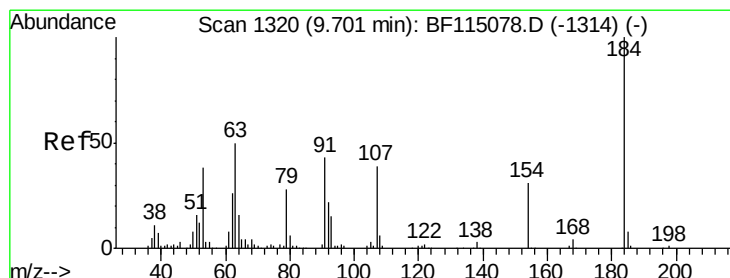
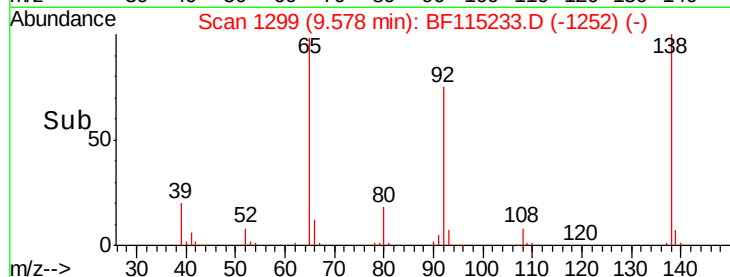
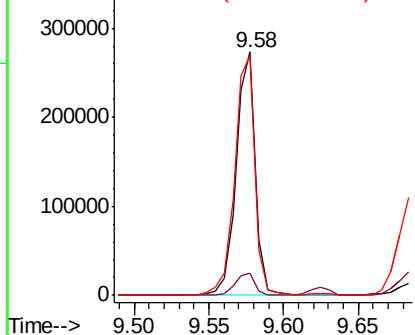
#53
 3-Nitroaniline
 Concen: 25.765 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tgt Ion:138 Resp: 245505
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.8 11.6
 92 98.5 82.9 124.3

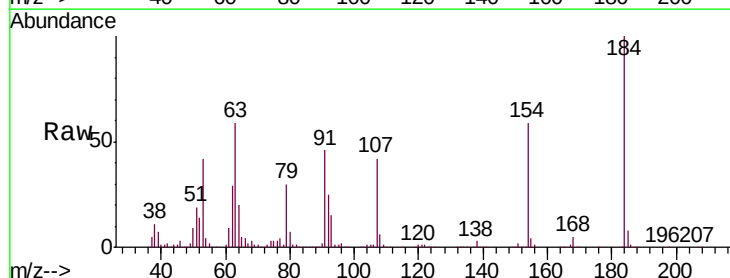


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

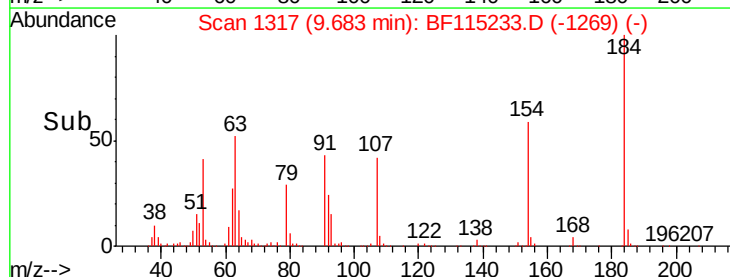
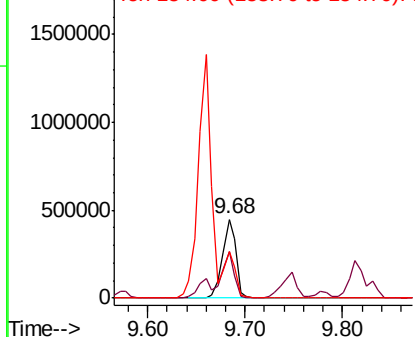


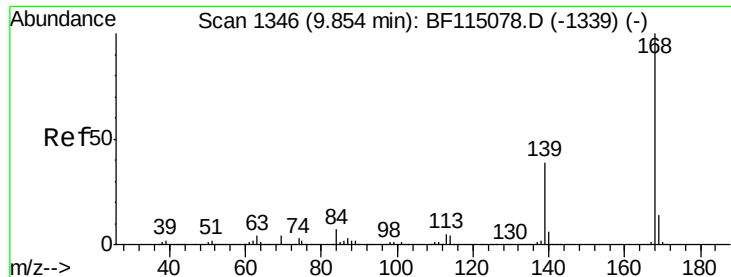
#54
 2,4-Dinitrophenol
 Concen: 104.106 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:184 Resp: 428081
 Ion Ratio Lower Upper
 184 100
 63 59.3 41.9 62.9
 154 59.4 44.7 67.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

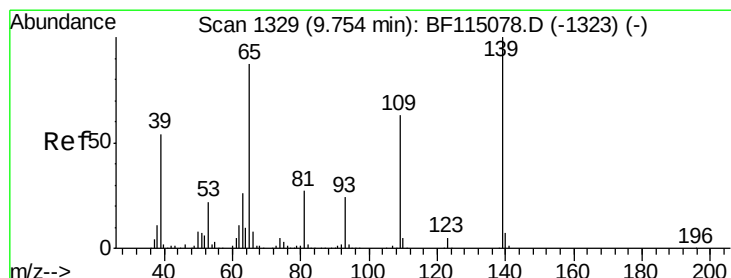
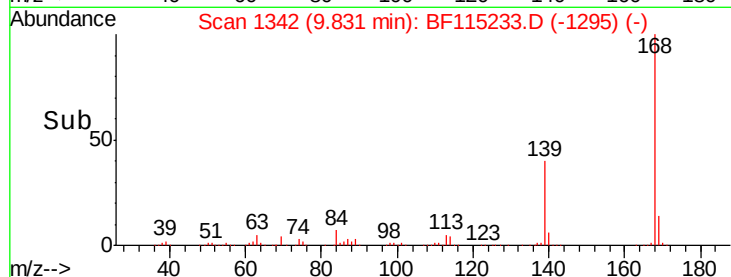
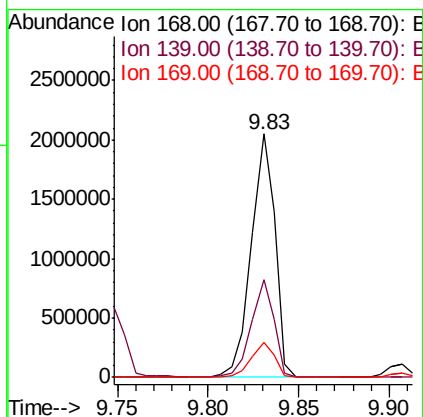
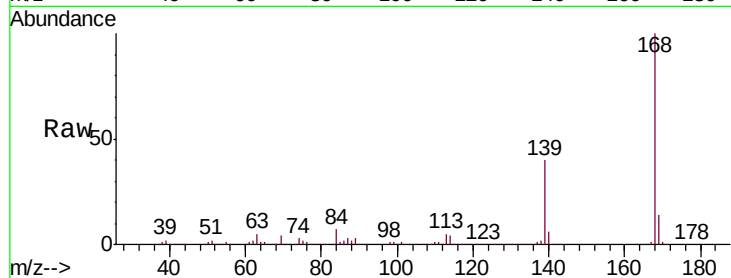




#55
Dibenzofuran
Concen: 44.550 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

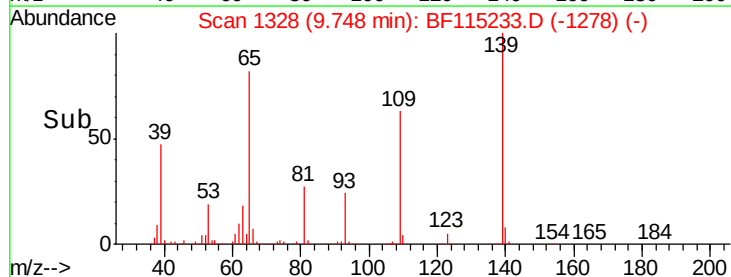
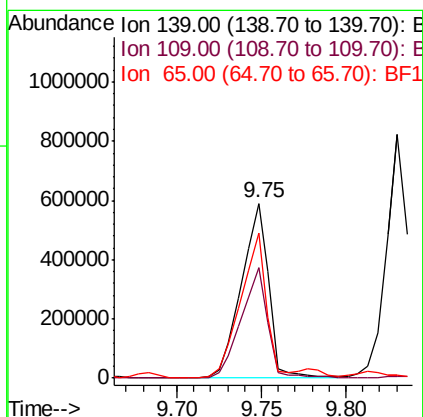
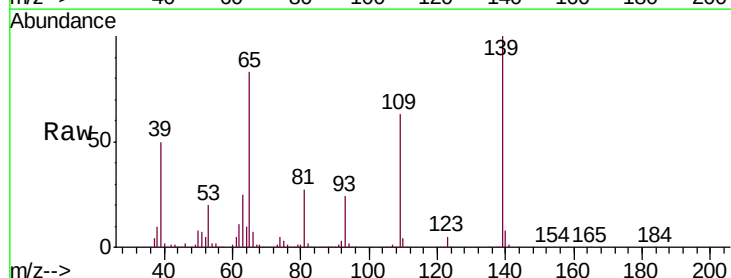
Instrument :
BNA_F
ClientSampleId :
PB120902BS

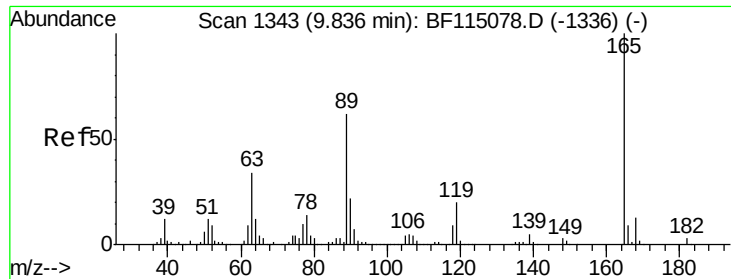
Tgt Ion:168 Resp: 1859973
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 87.785 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:139 Resp: 670606
Ion Ratio Lower Upper
139 100
109 62.9 43.0 83.0
65 82.8 67.0 107.0

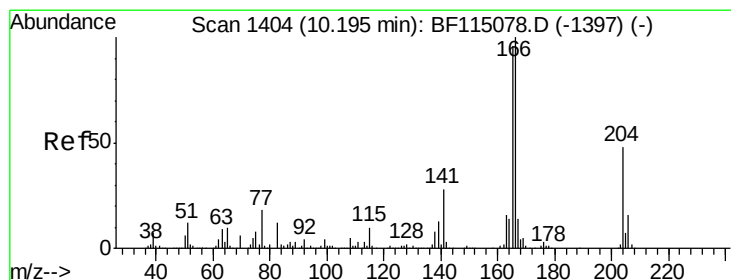
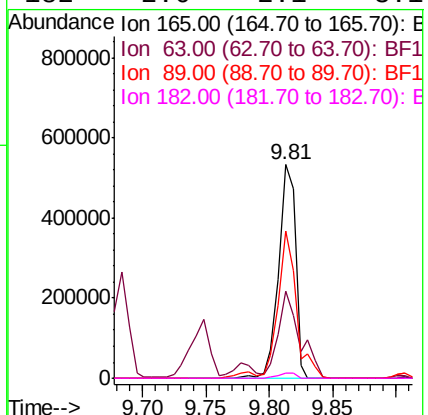
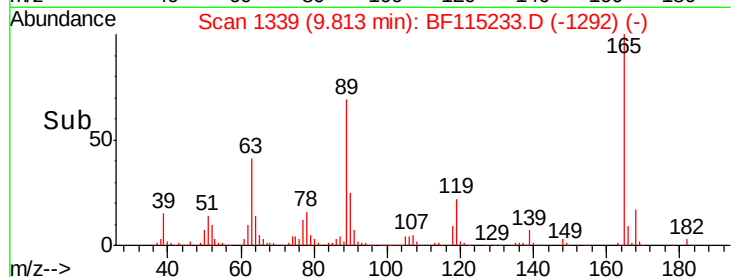
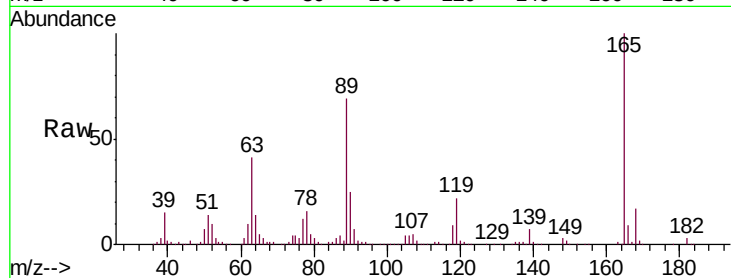




#57
 2,4-Dinitrotoluene
 Concen: 48.541 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

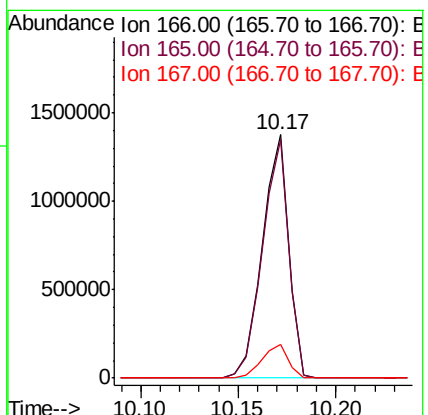
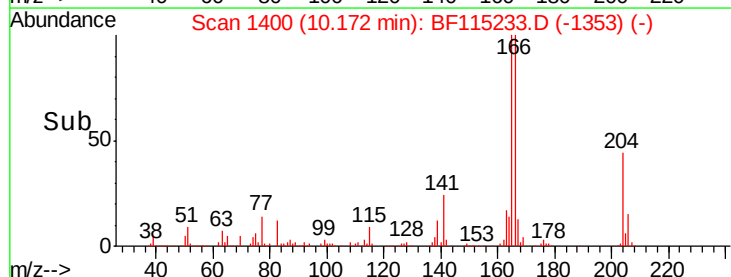
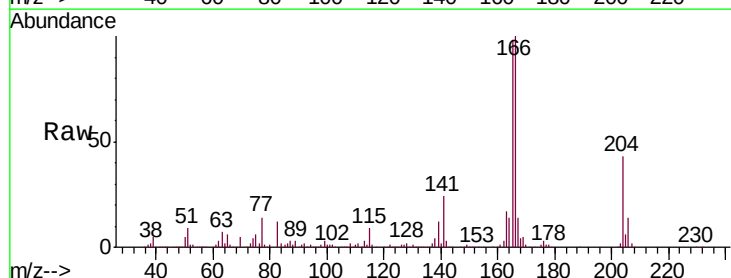
Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

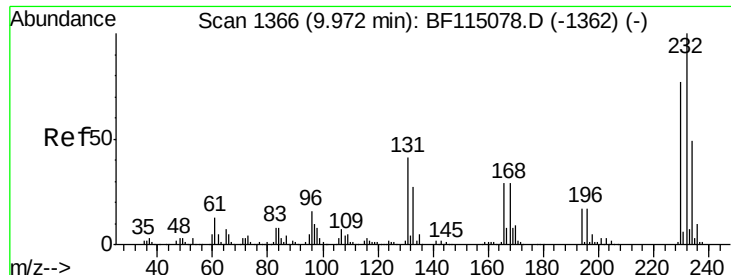
Tgt Ion:	165	Resp:	489406
Ion	Ratio	Lower	Upper
165	100		
63	40.7	27.5	41.3
89	68.9	49.9	74.9
182	2.6	2.1	3.1



#58
 Fluorene
 Concen: 46.602 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:	166	Resp:	1288879
Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.5	114.7
167	13.8	11.0	16.4

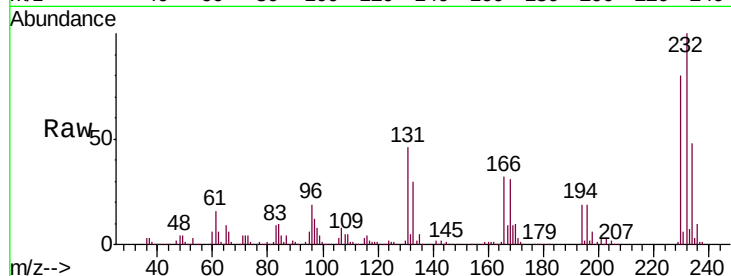




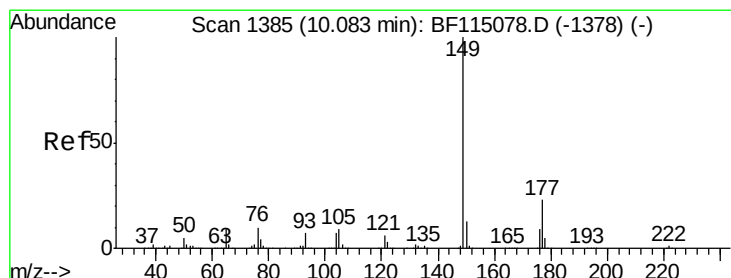
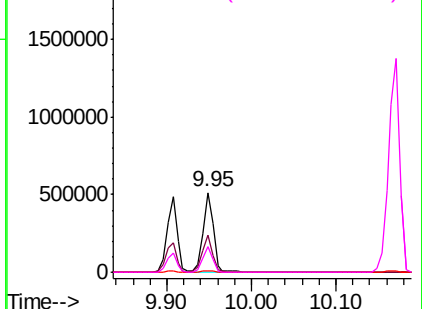
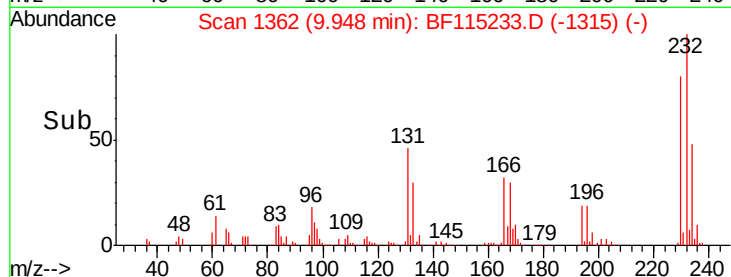
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.661 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tgt Ion:	232	Resp:	430079
Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.4	56.0
130	2.2	1.8	2.6
166	30.4	24.6	36.8

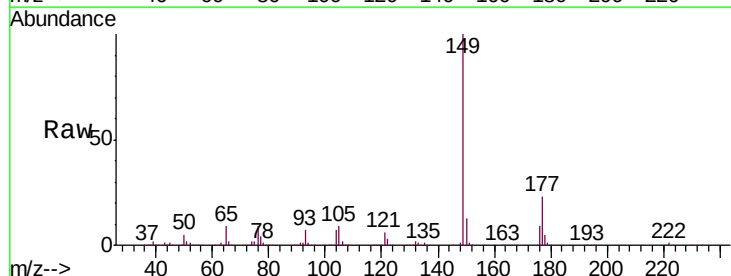


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

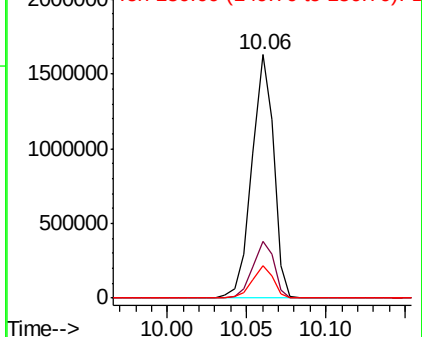
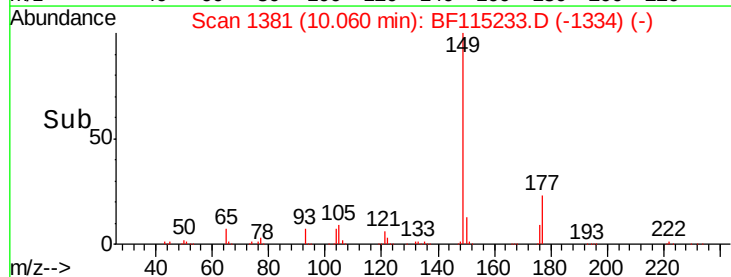


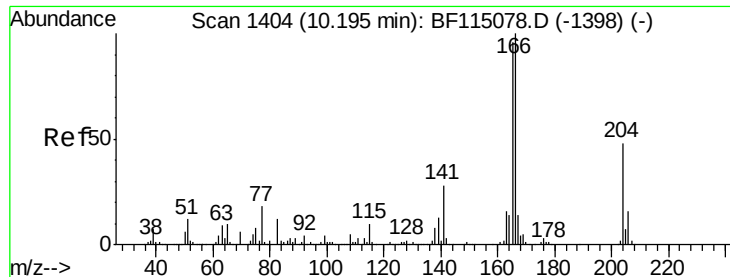
#60
 Diethylphthalate
 Concen: 45.569 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:	149	Resp:	1549247
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	13.3	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

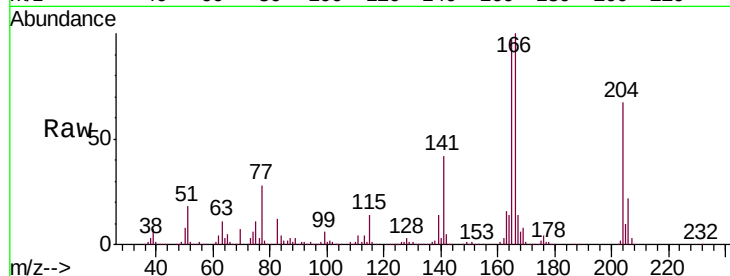




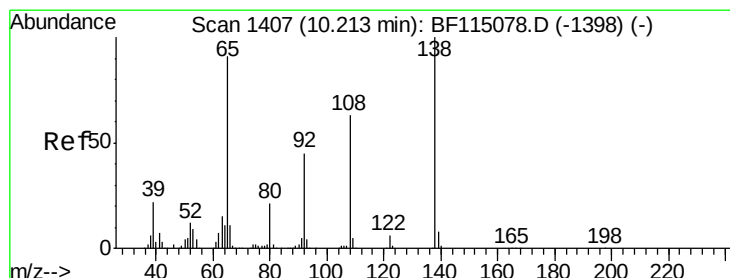
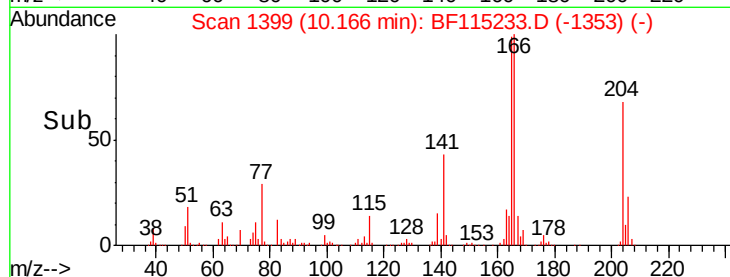
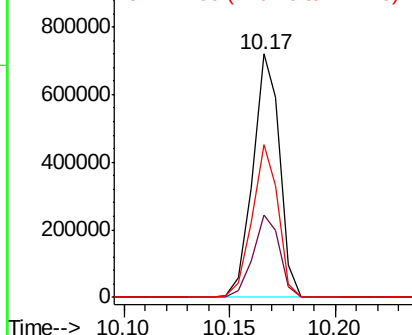
#61
4-Chlorophenyl-phenylether
Concen: 48.625 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion: 204 Resp: 635082
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 62.9 46.7 70.1

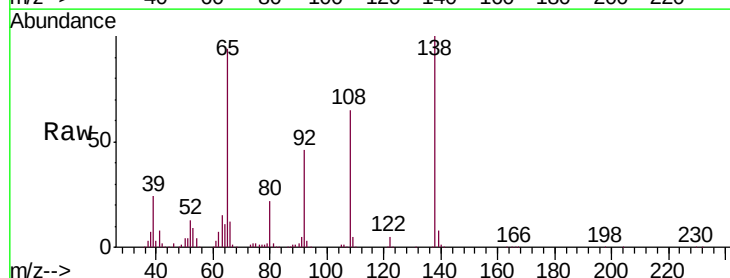


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

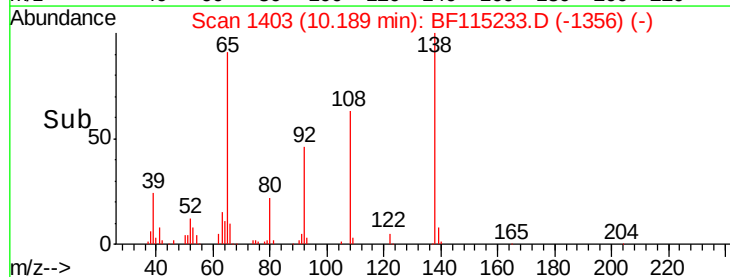
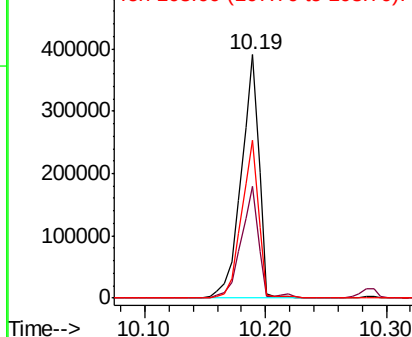


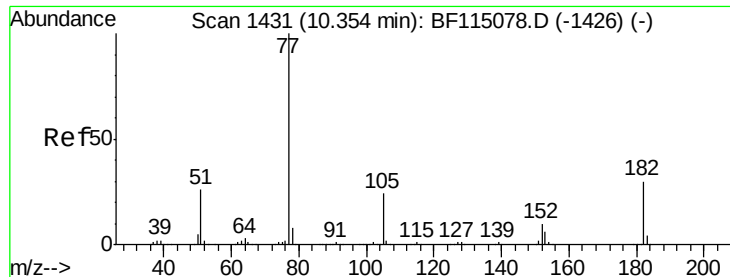
#62
4-Nitroaniline
Concen: 42.136 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion: 138 Resp: 402787
Ion Ratio Lower Upper
138 100
92 46.1 24.8 64.8
108 64.8 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

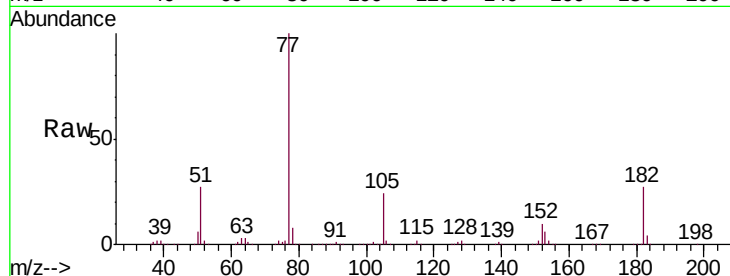




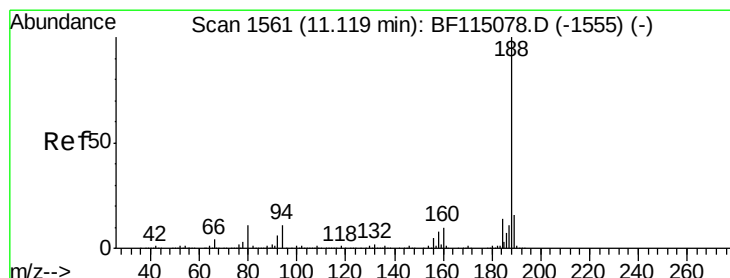
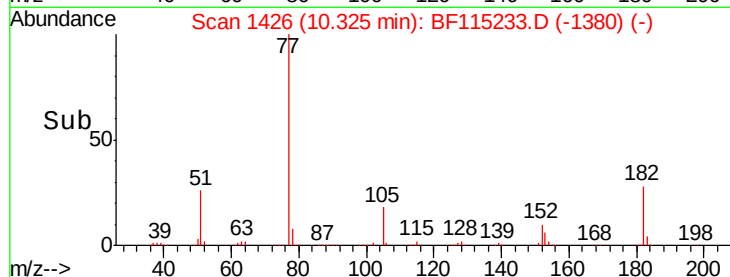
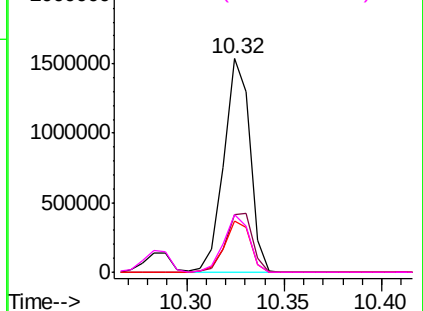
#63
Azobenzene
Concen: 44.732 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion: 77 Resp: 1420479
Ion Ratio Lower Upper
77 100
182 27.1 10.1 50.1
105 23.7 4.5 44.5
51 27.0 6.4 46.4

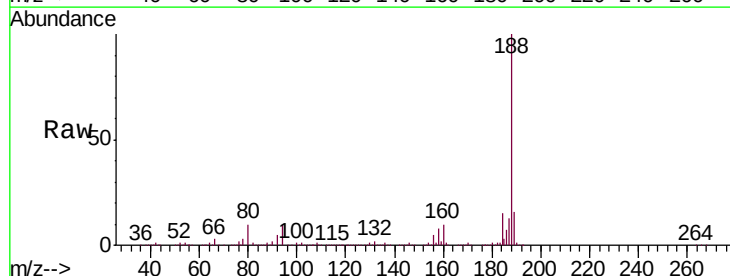


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

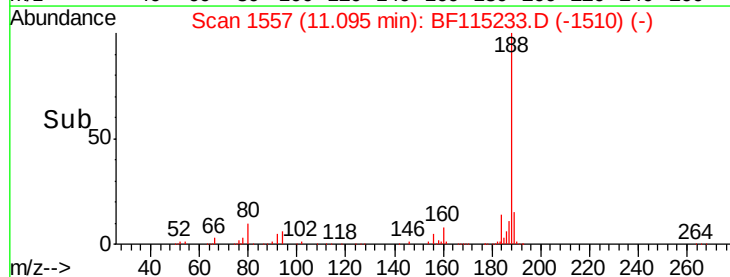
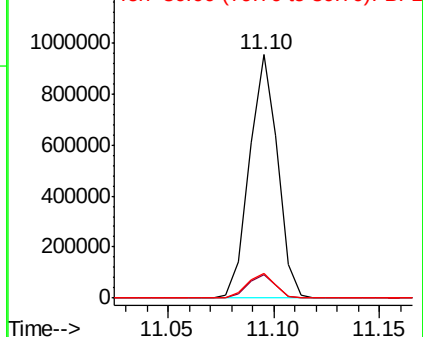


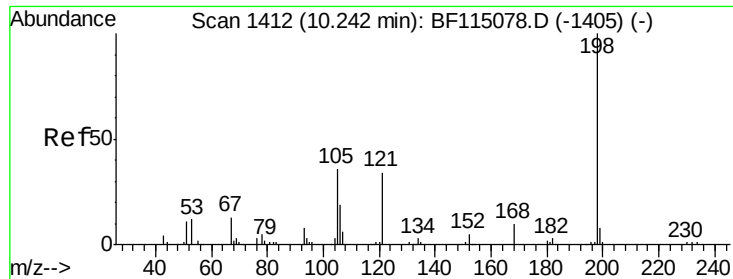
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion: 188 Resp: 884891
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.3 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

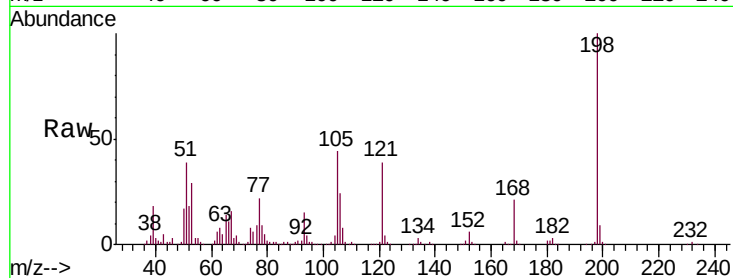




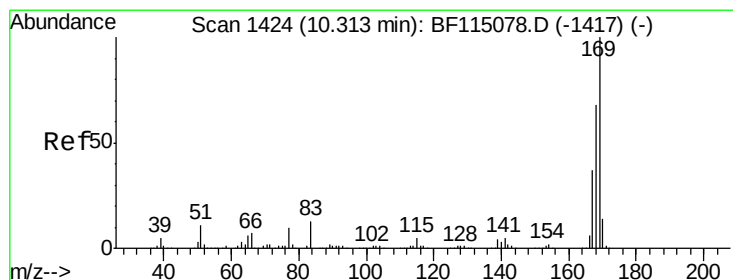
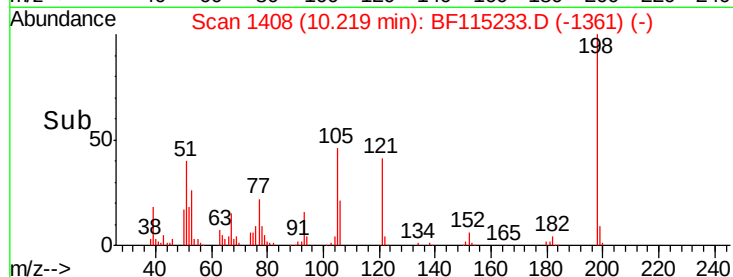
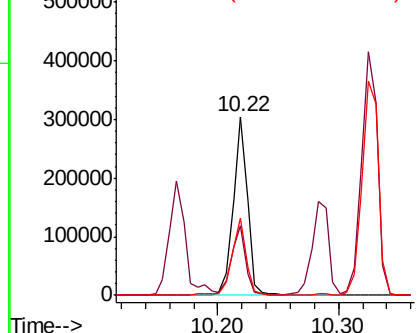
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.610 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tgt Ion:198 Resp: 250206
 Ion Ratio Lower Upper
 198 100
 51 38.6 11.0 51.0
 105 43.5 17.3 57.3

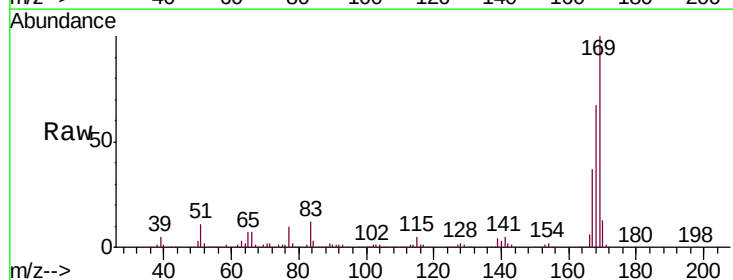


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

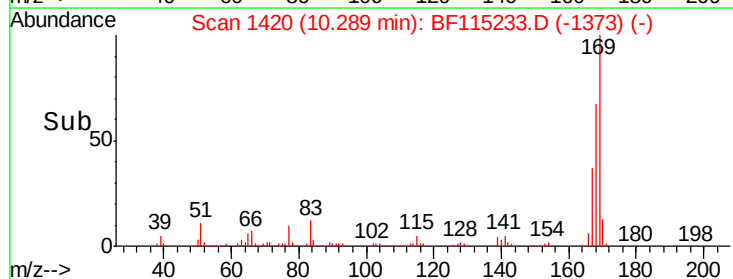
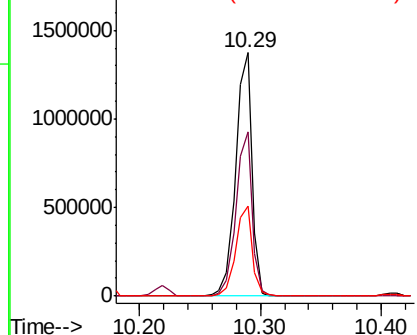


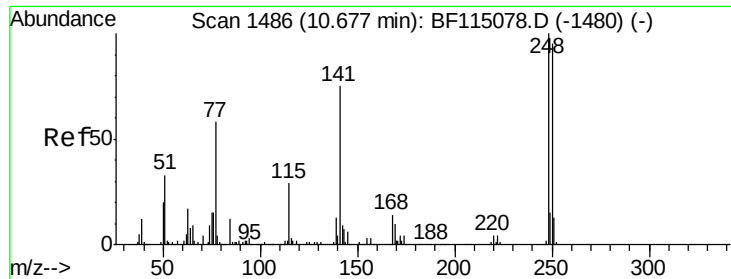
#66
 n-Nitrosodiphenylamine
 Concen: 46.739 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:169 Resp: 1288516
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.4
 167 37.1 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

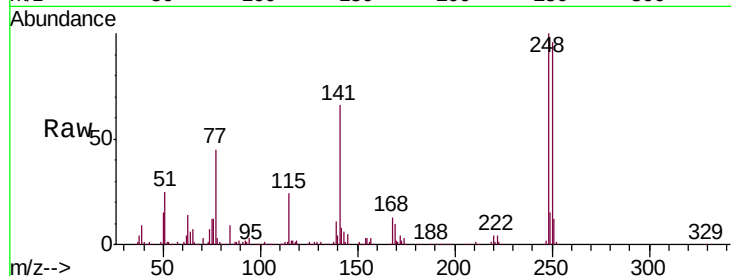




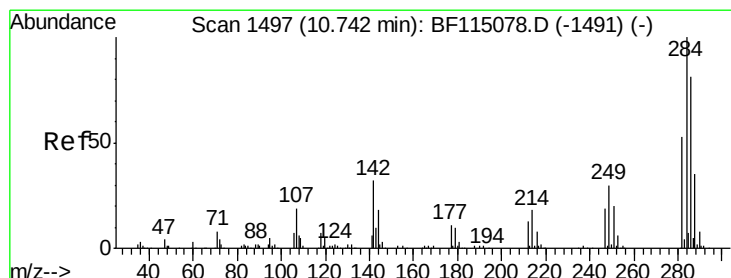
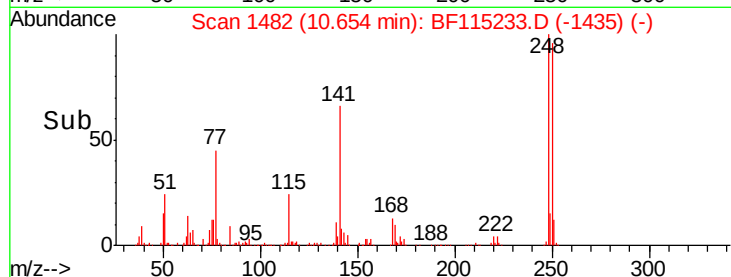
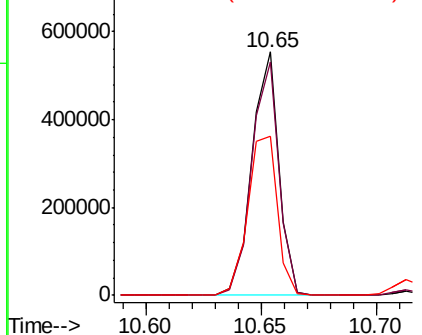
#67
4-Bromophenyl-phenylether
Concen: 47.175 ng
RT: 10.65 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion:248 Resp: 452599
Ion Ratio Lower Upper
248 100
250 96.1 76.2 114.2
141 65.6 59.6 89.4

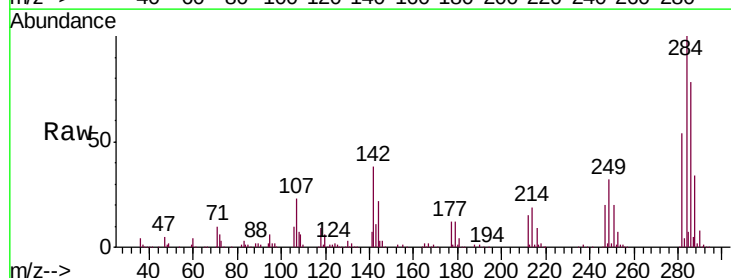


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

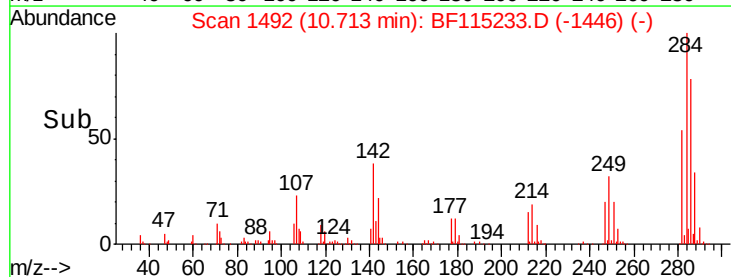
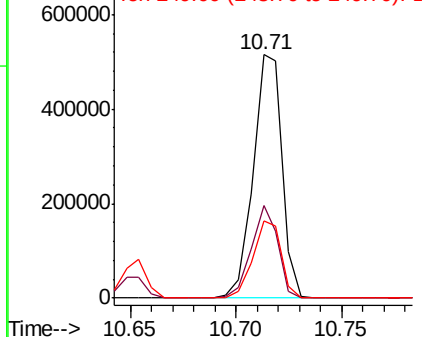


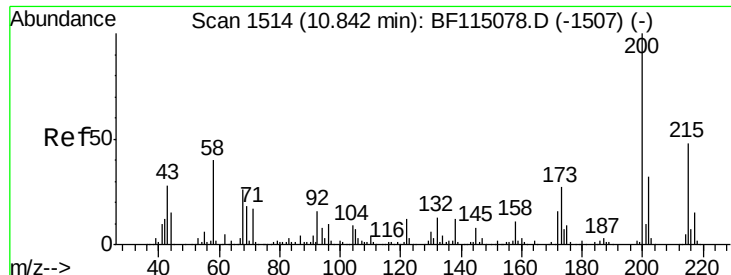
#68
Hexachlorobenzene
Concen: 47.080 ng
RT: 10.71 min Scan# 1492
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:284 Resp: 490283
Ion Ratio Lower Upper
284 100
142 38.0 25.8 38.8
249 31.7 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

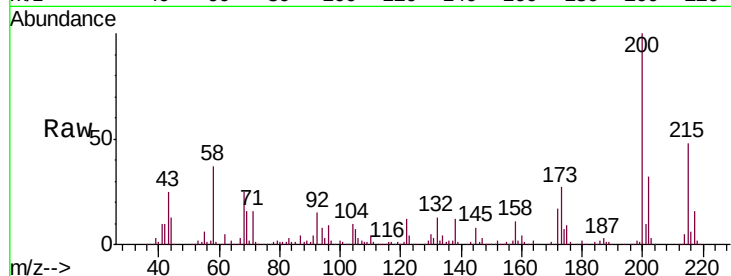




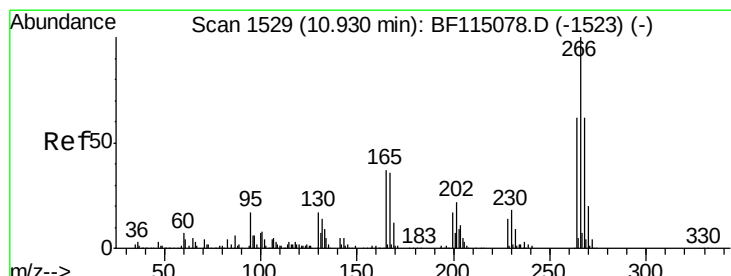
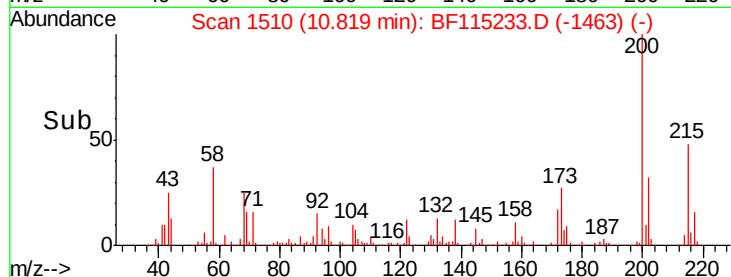
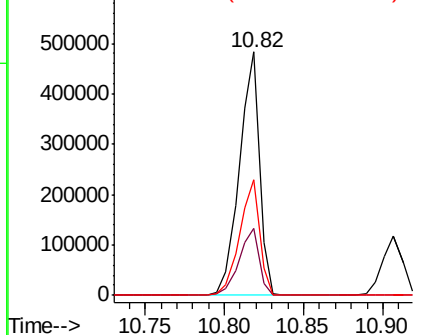
#69
 Atrazine
 Concen: 47.494 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	47.7	27.8	67.8

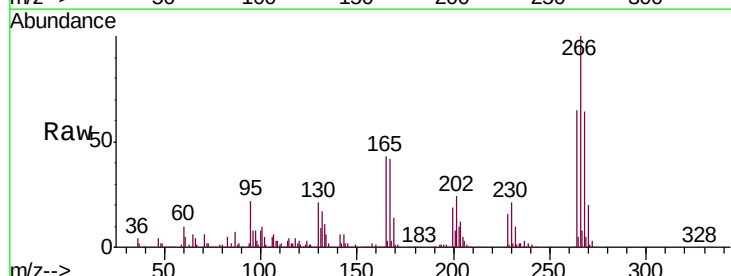


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

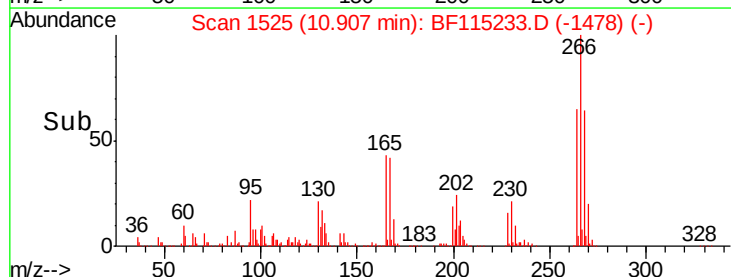
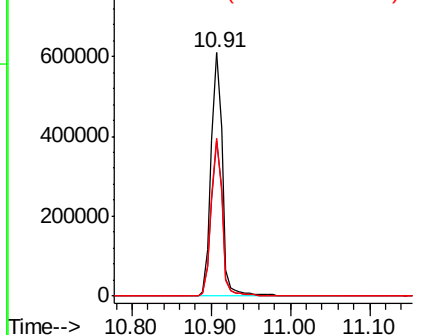


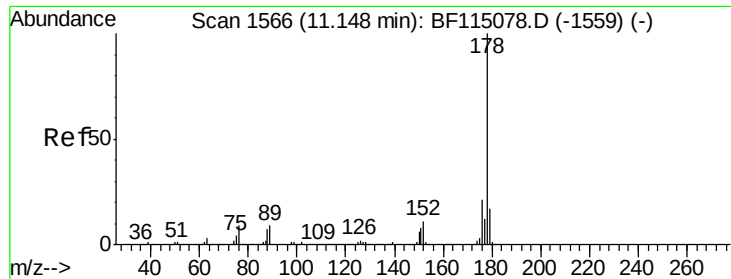
#70
 Pentachlorophenol
 Concen: 90.988 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.5	74.3
264	64.8	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

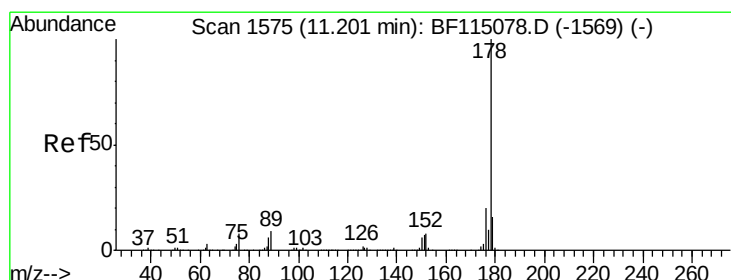
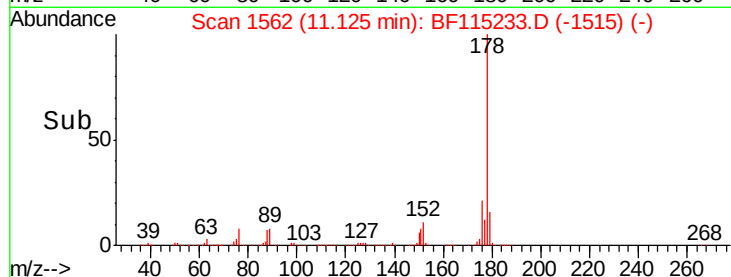
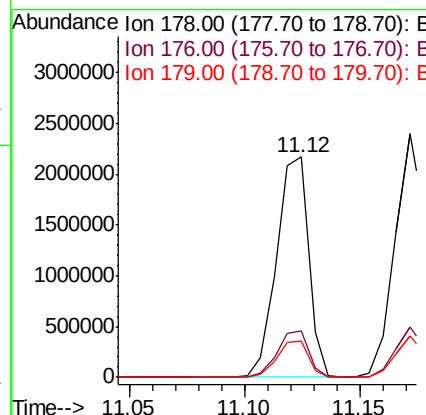
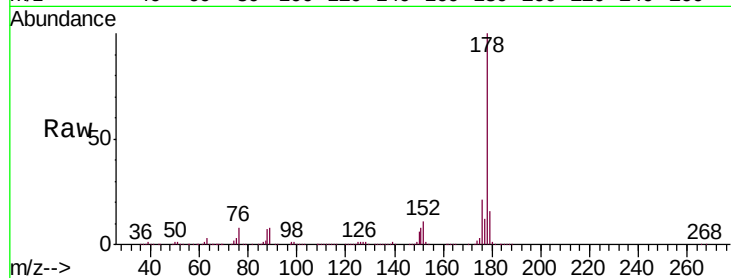




#71
Phenanthrene
Concen: 43.779 ng
RT: 11.12 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

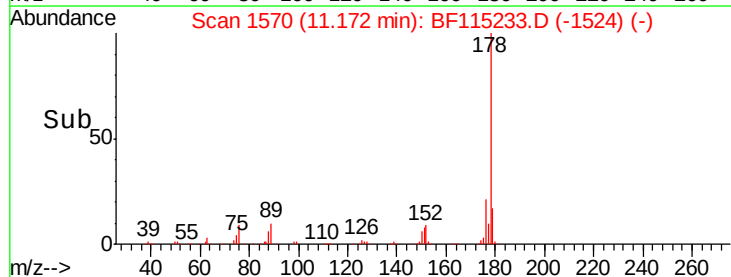
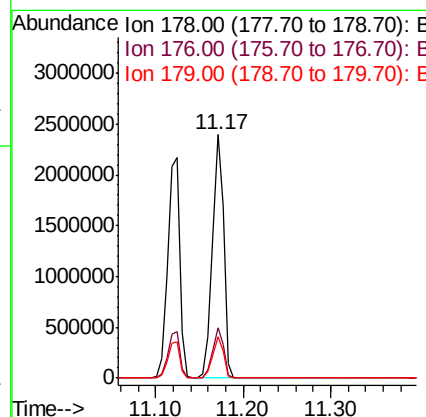
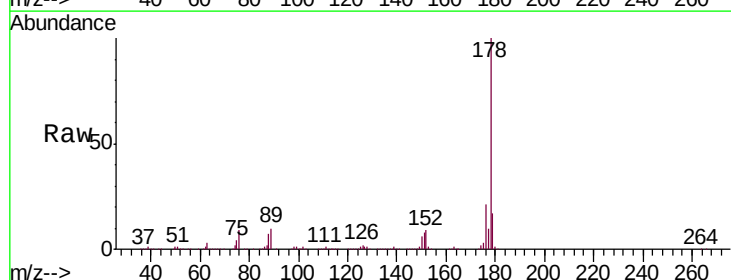
Instrument :
BNA_F
ClientSampleId :
PB120902BS

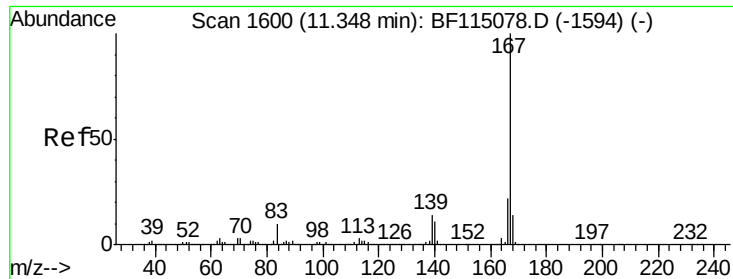
Tgt Ion:178 Resp: 2085808
Ion Ratio Lower Upper
178 100
176 21.0 16.9 25.3
179 16.5 13.2 19.8



#72
Anthracene
Concen: 45.121 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:178 Resp: 2170008
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 17.0 12.9 19.3

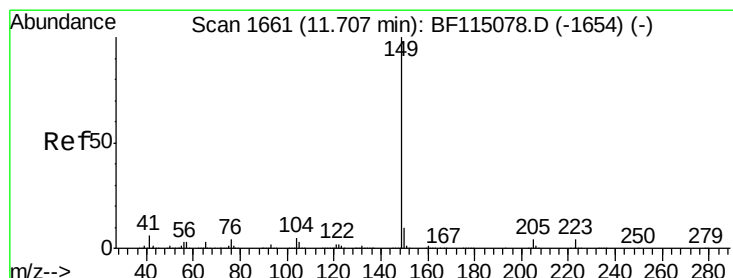
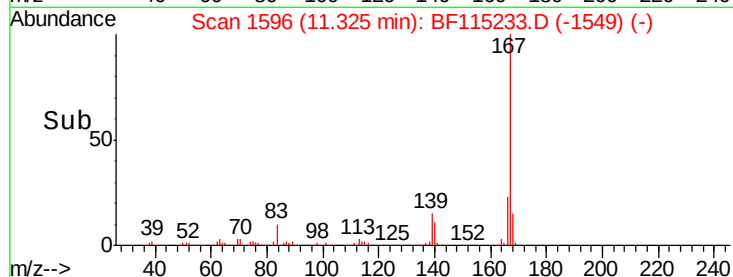
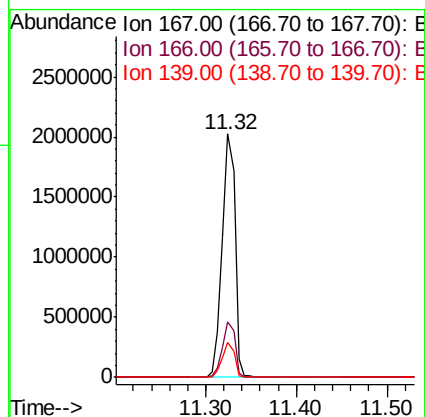
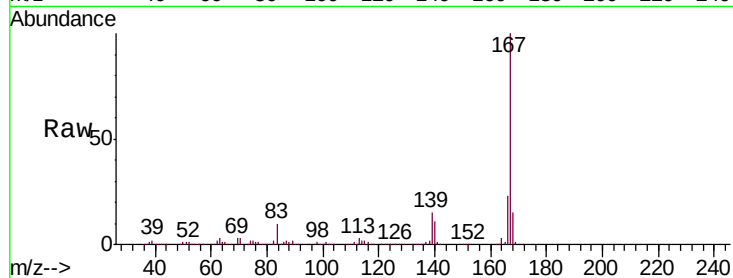




#73
 Carbazole
 Concen: 45.520 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

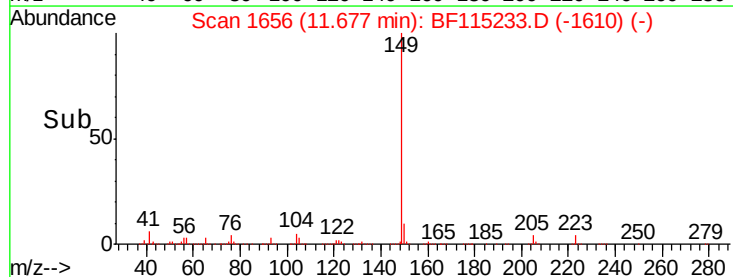
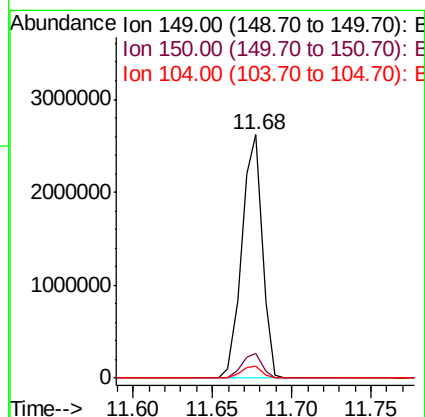
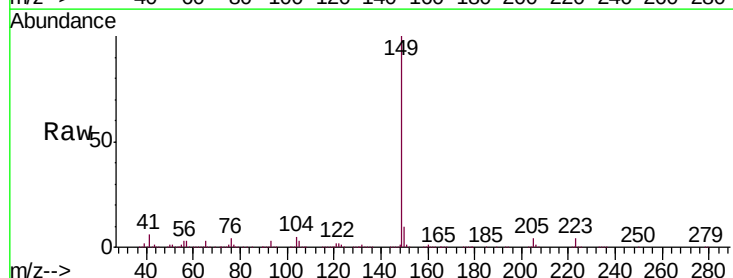
Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

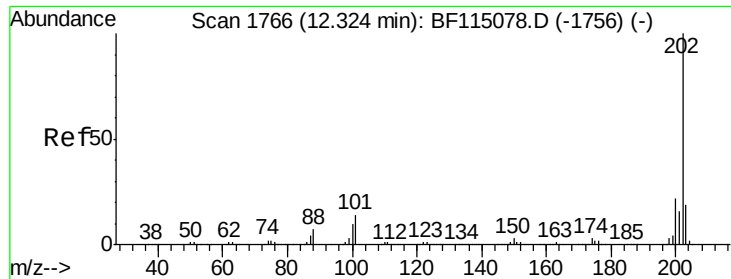
Tgt Ion:167 Resp: 1954868
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 14.5 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 46.879 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:149 Resp: 2326398
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 4.7 3.7 5.5

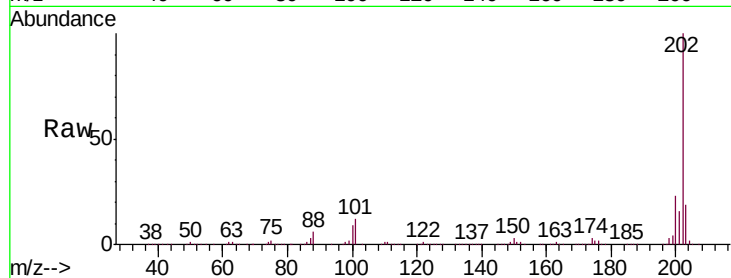




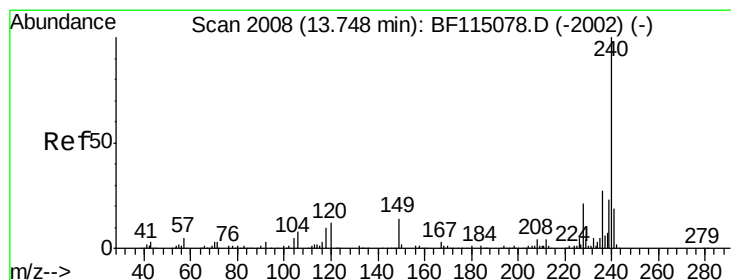
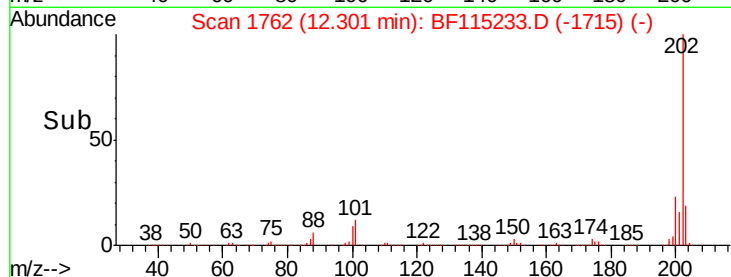
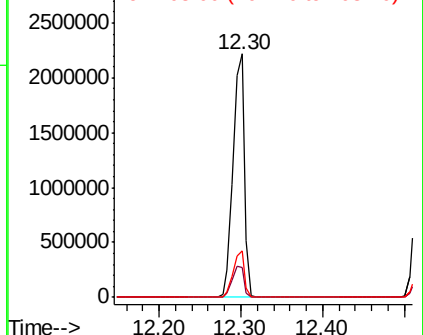
#75
Fluoranthene
Concen: 45.418 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion: 202 Resp: 2158995
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.0
203 18.9 0.0 38.8

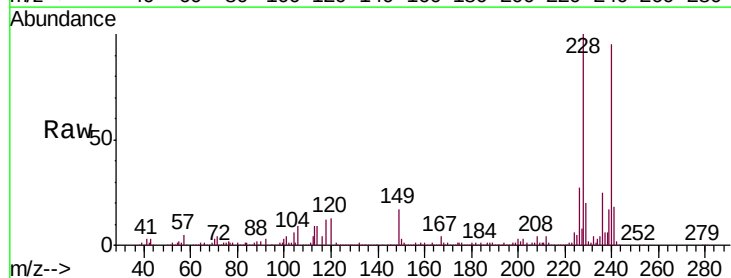


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

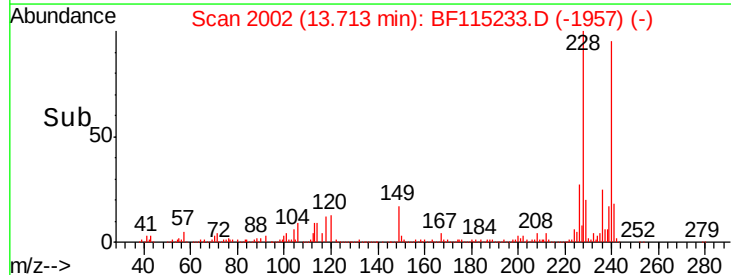
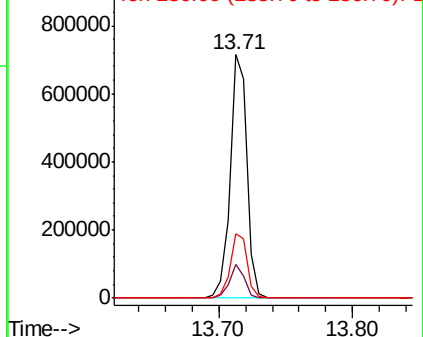


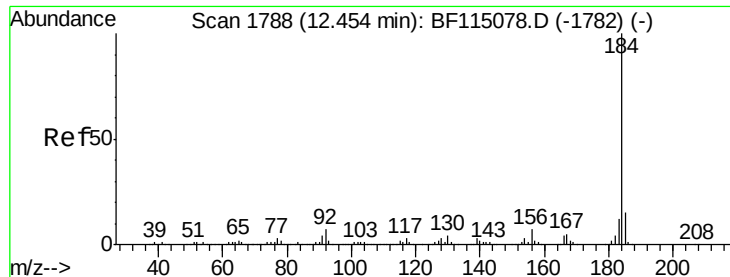
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion: 240 Resp: 633495
Ion Ratio Lower Upper
240 100
120 13.9 9.4 14.2
236 26.5 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: 26.632 ng

RT: 12.42 min Scan# 1782

Delta R.T. -0.04 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

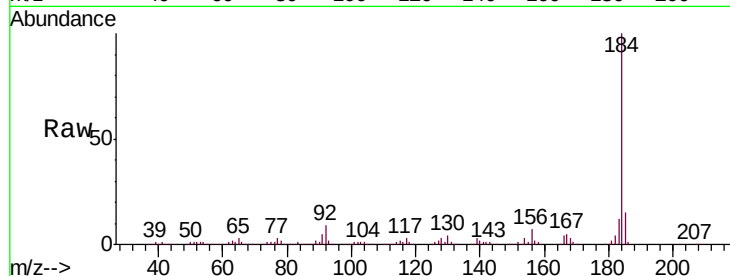
Tgt Ion:184 Resp: 749150

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

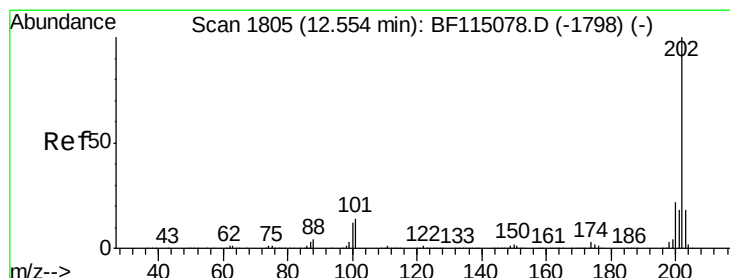
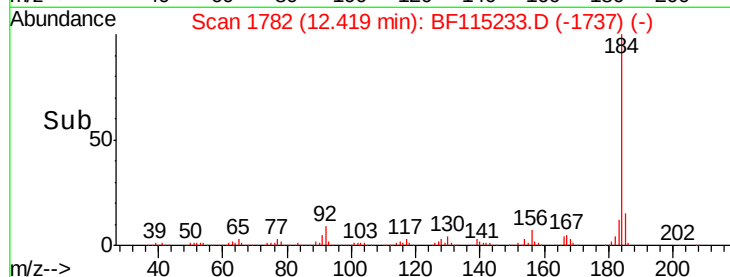
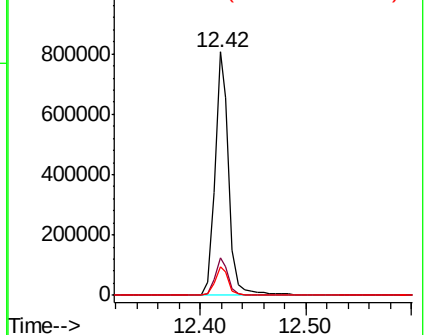
183 11.6 9.6 14.4



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: 45.313 ng

RT: 12.52 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

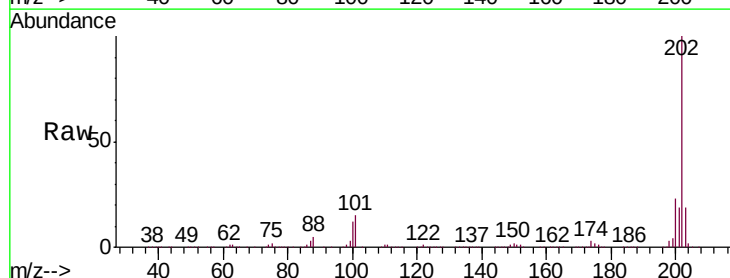
Tgt Ion:202 Resp: 2206046

Ion Ratio Lower Upper

202 100

200 23.3 17.9 26.9

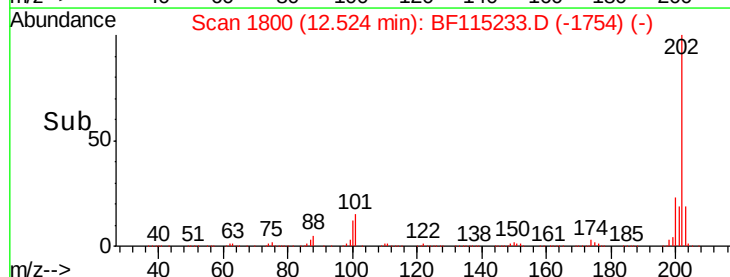
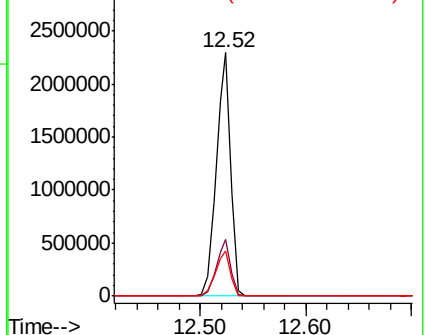
203 18.8 14.6 21.8

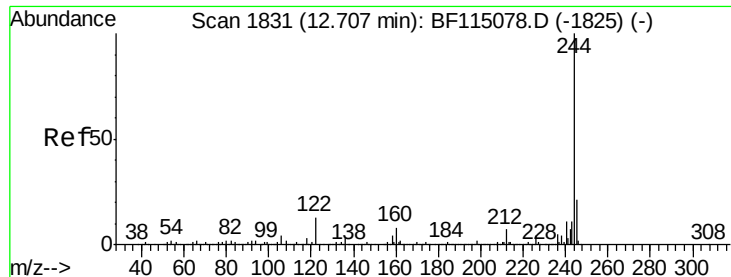


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.952 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

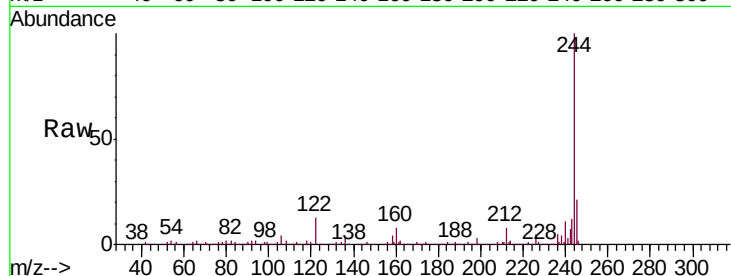
Tgt Ion:244 Resp: 2769548

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

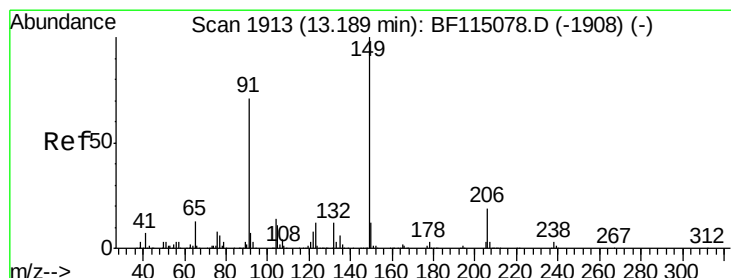
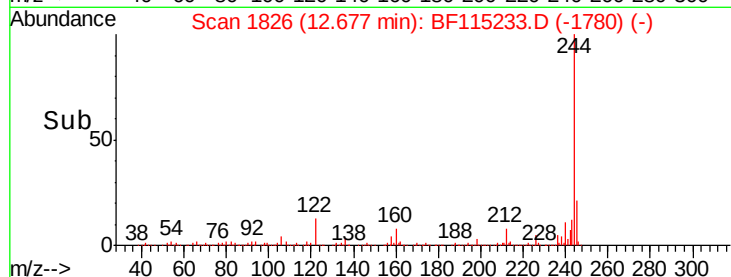
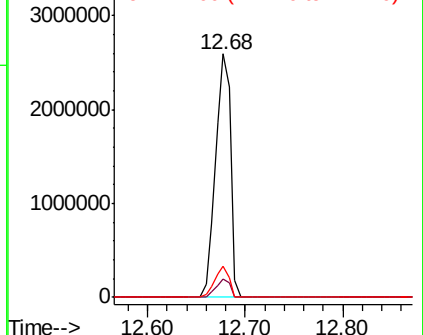
122 12.7 10.4 15.6



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: 48.560 ng

RT: 13.16 min Scan# 1908

Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

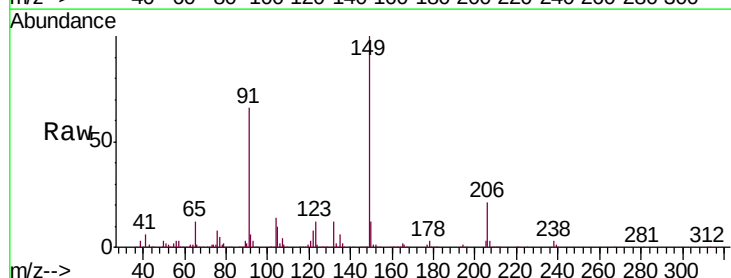
Tgt Ion:149 Resp: 1043307

Ion Ratio Lower Upper

149 100

91 65.9 56.5 84.7

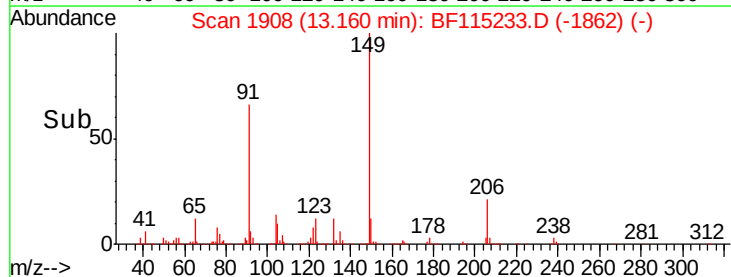
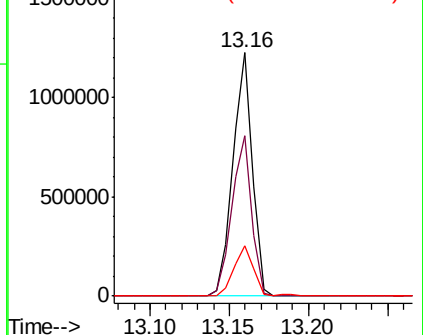
206 20.9 15.3 22.9

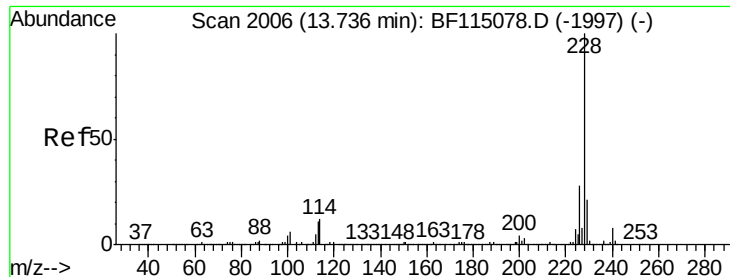


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

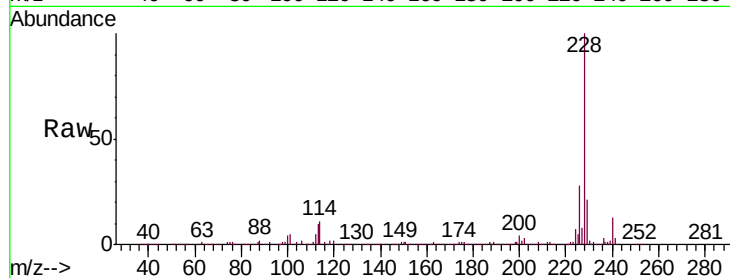




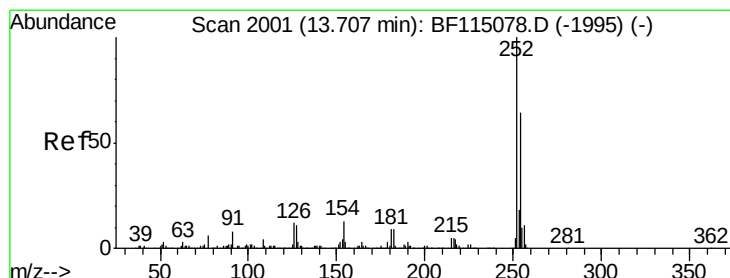
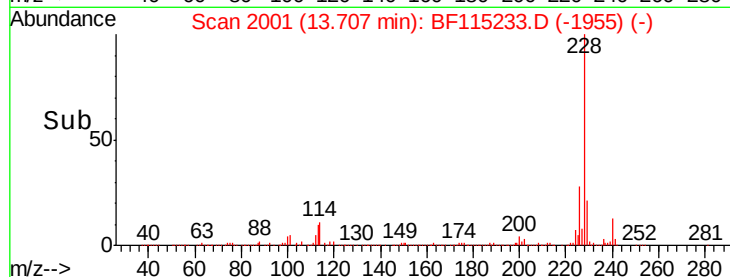
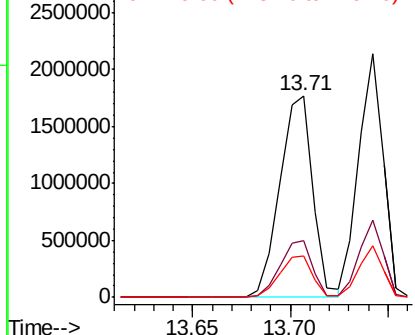
#81
 Benzo(a)anthracene
 Concen: 45.532 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. -0.03 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampled :
 PB120902BS

Tgt Ion:228 Resp: 2069675
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.5 33.7
 229 20.5 16.6 24.8

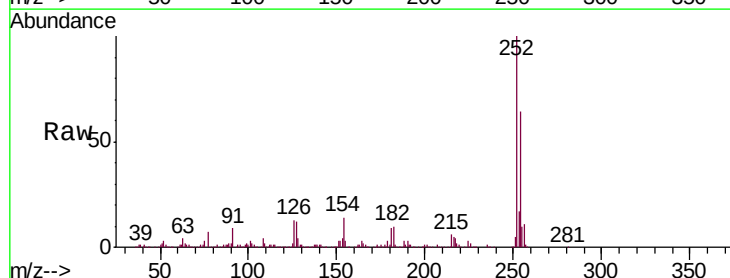


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

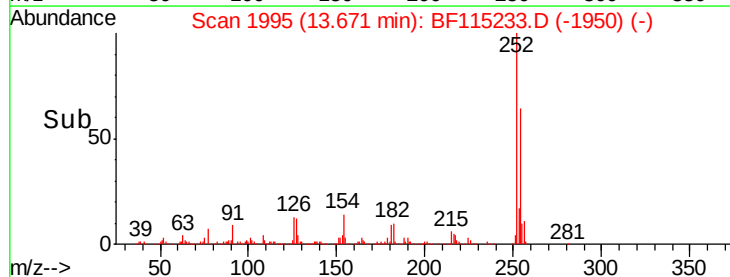
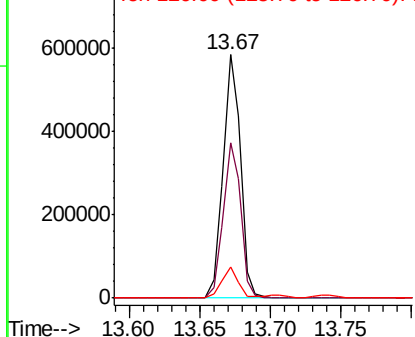


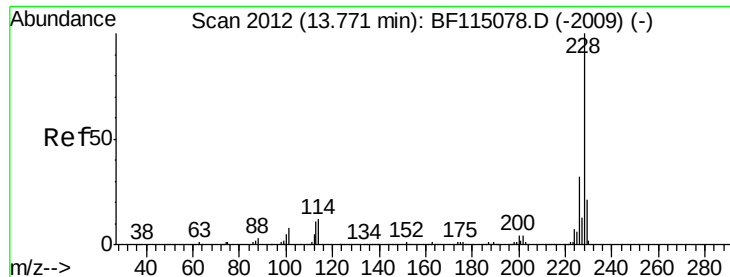
#82
 3,3'-Dichlorobenzidine
 Concen: 30.574 ng
 RT: 13.67 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:252 Resp: 501862
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.1 76.7
 126 12.6 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: 45.658 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

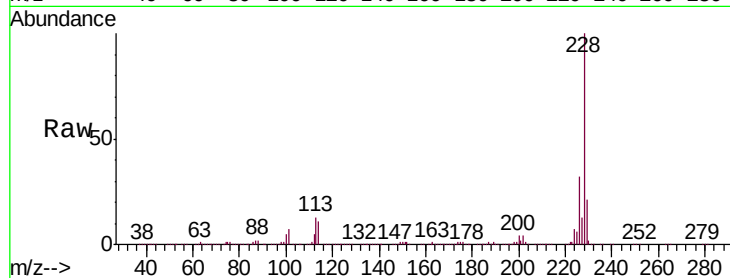
Tgt Ion:228 Resp: 1901094

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

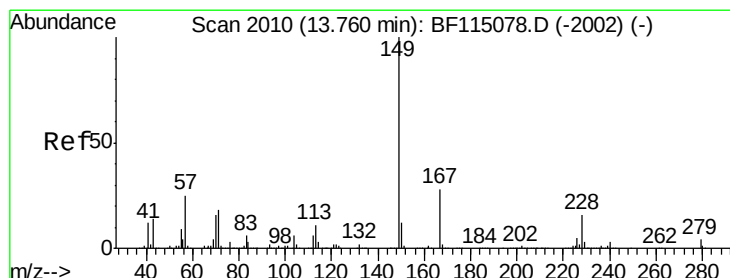
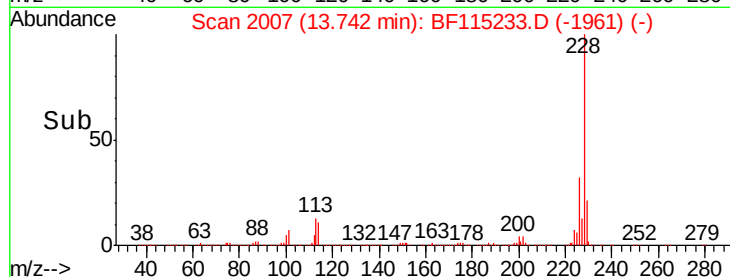
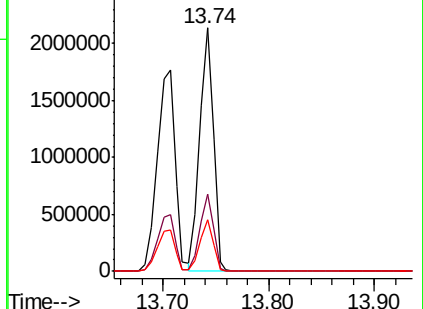
229 21.2 16.5 24.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.142 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

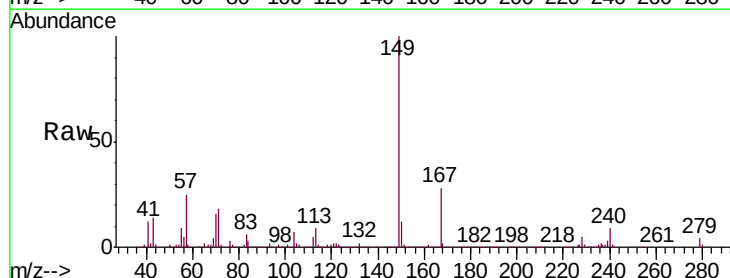
Tgt Ion:149 Resp: 1411614

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

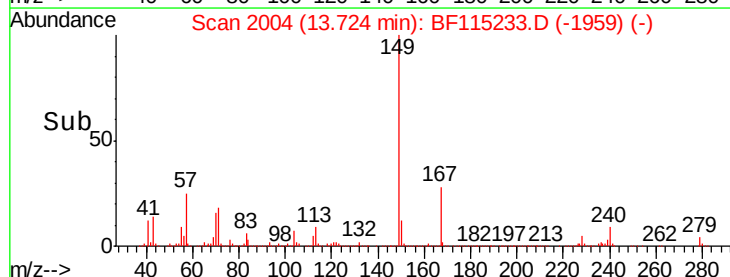
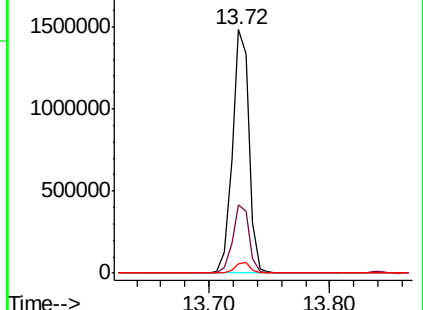
279 3.8 2.9 4.3

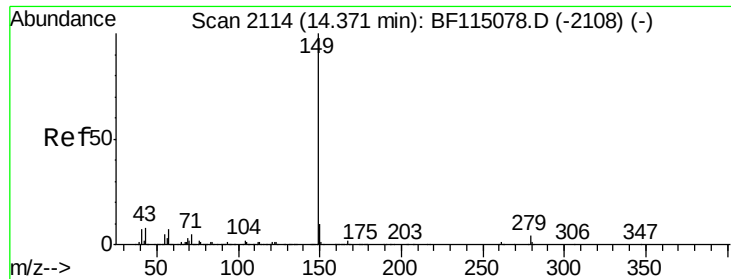


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.929 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

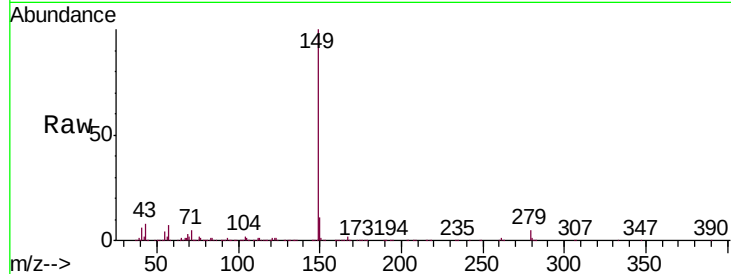
Tgt Ion:149 Resp: 2408958

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

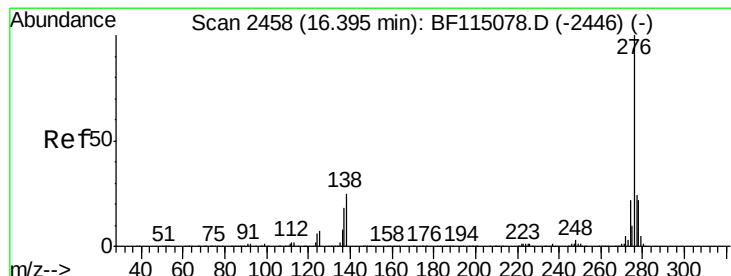
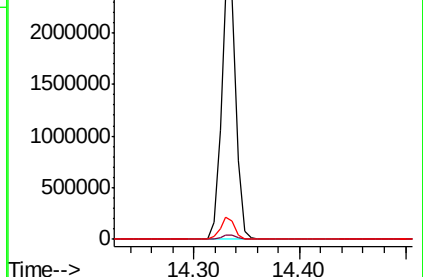
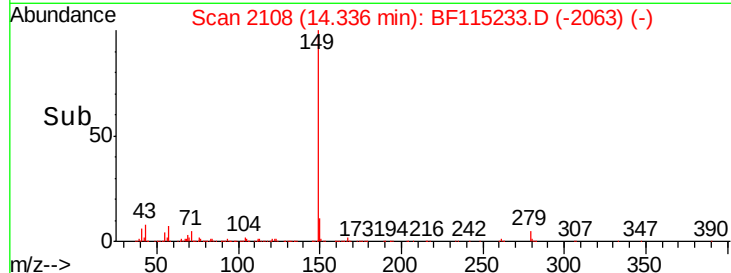
43 8.5 7.0 10.6



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: 50.953 ng

RT: 16.34 min Scan# 2448

Delta R.T. -0.06 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

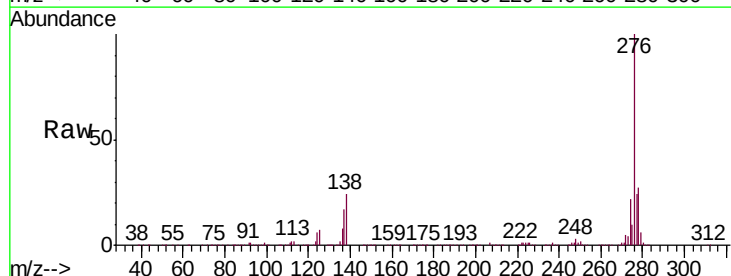
Tgt Ion:276 Resp: 2510455

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

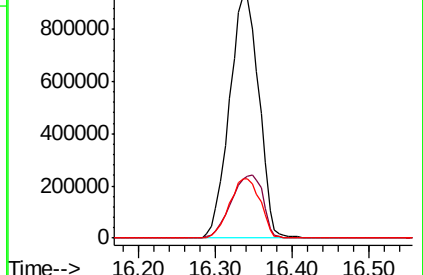
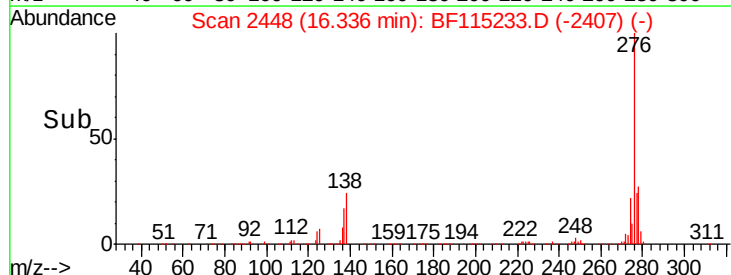
277 25.5 20.1 30.1

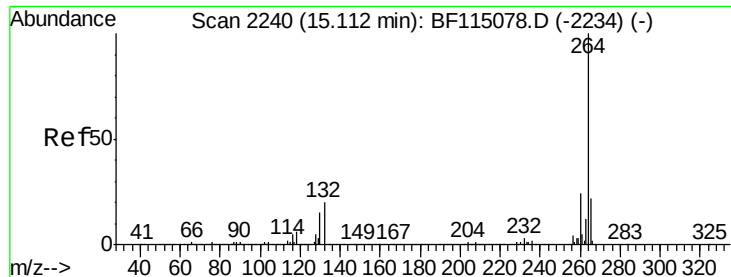


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



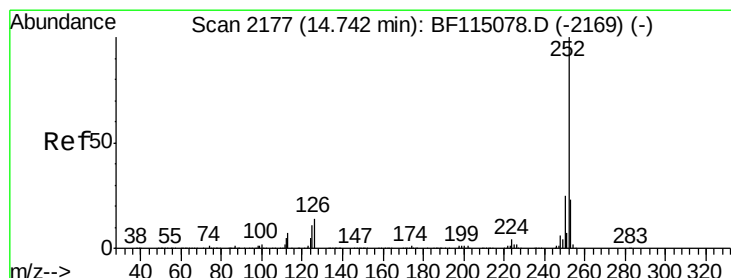
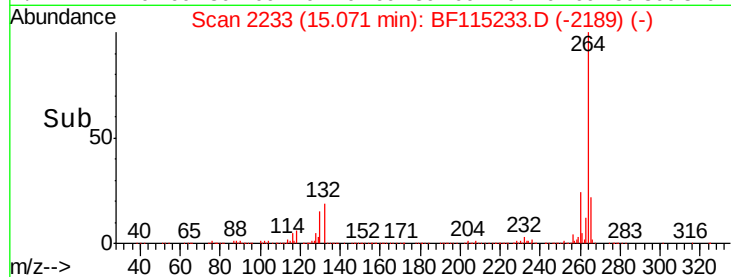
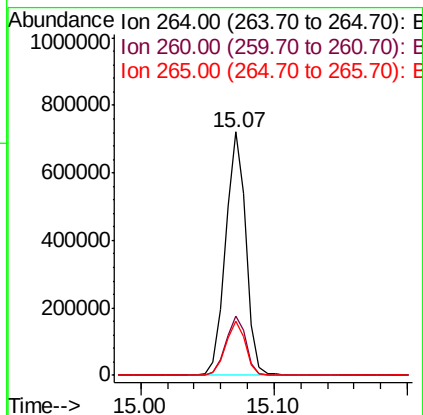
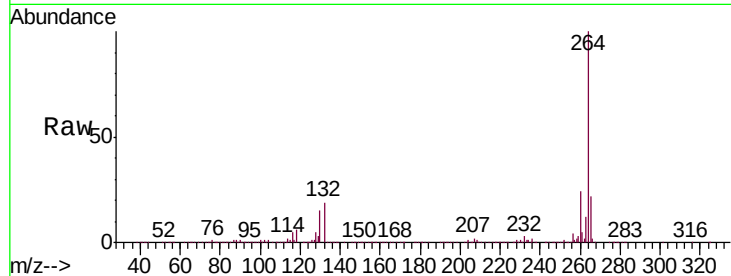


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tgt Ion: 264 Resp: 772443

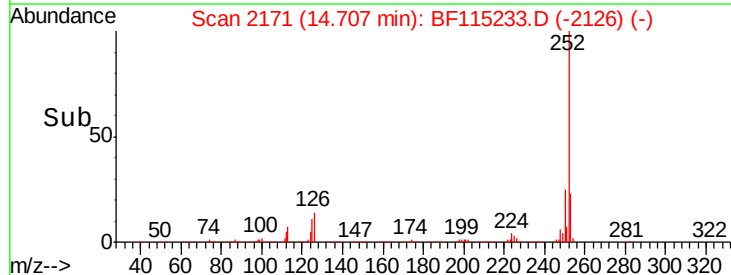
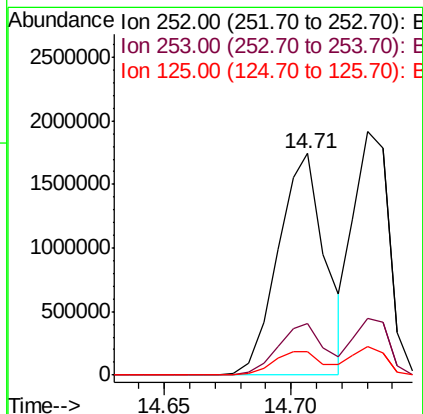
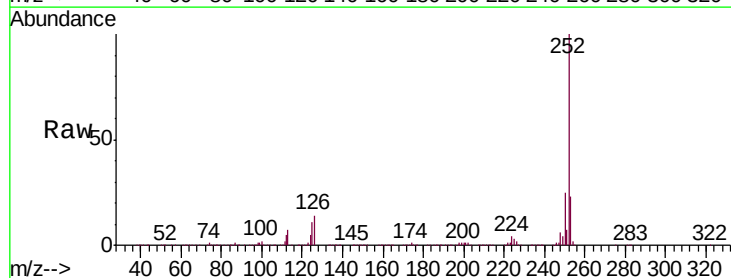
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.0	17.3	25.9

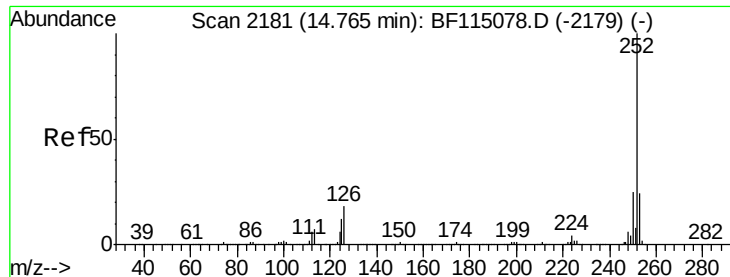


#88
Benzo(b)fluoranthene
Concen: 46.895 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion: 252 Resp: 2260276

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.7	8.7	13.1

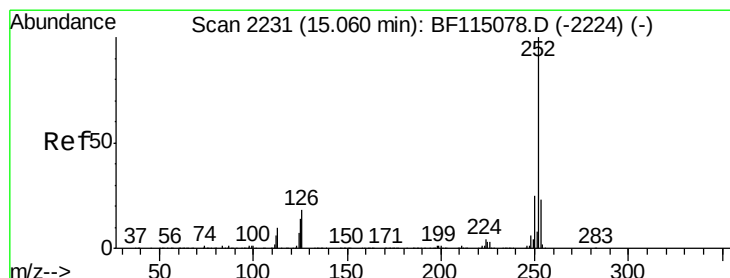
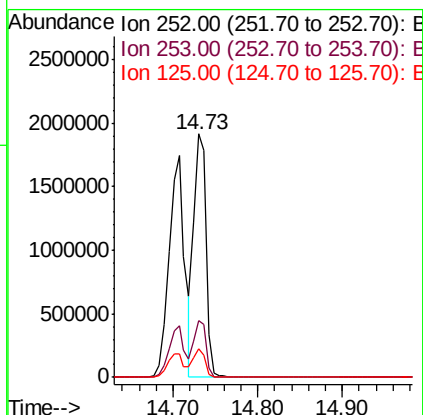
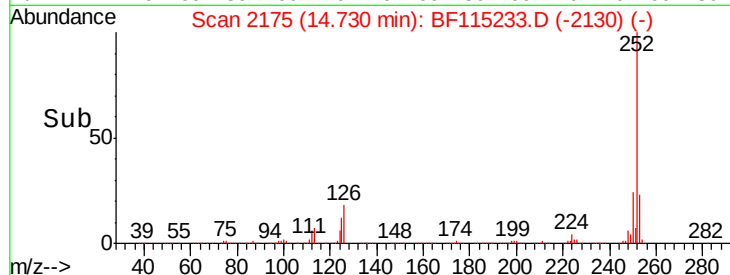
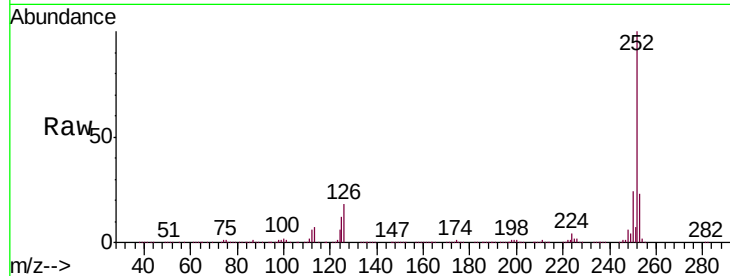




#89
Benzo(k)fluoranthene
Concen: 43.774 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

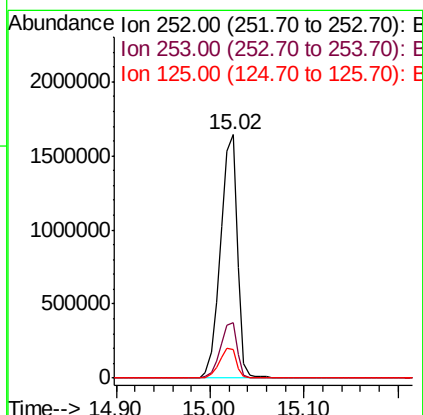
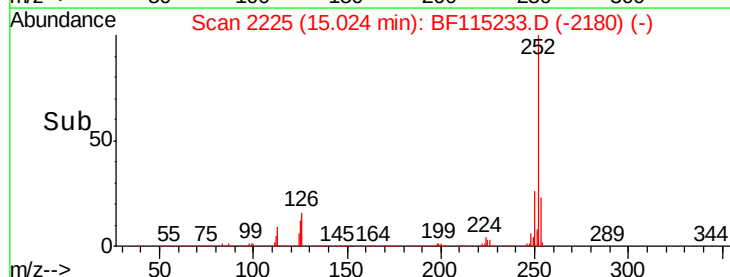
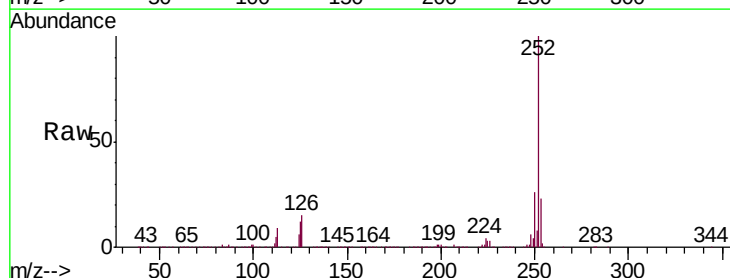
Instrument :
BNA_F
ClientSampleId :
PB120902BS

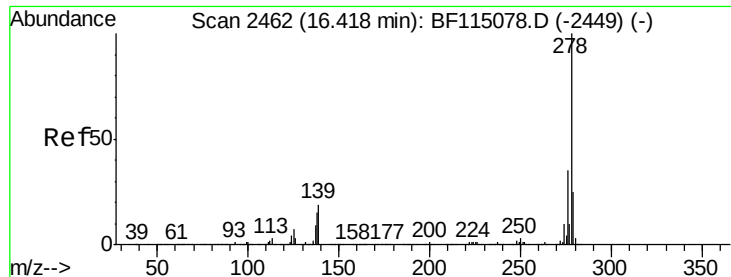
Tgt Ion:252 Resp: 1892072
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 11.7 10.2 15.2



#90
Benzo(a)pyrene
Concen: 47.463 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:252 Resp: 2061865
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 11.8 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 50.404 ng

RT: 16.36 min Scan# 2452

Delta R.T. -0.06 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

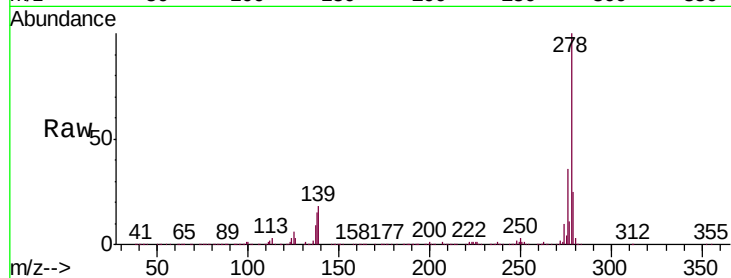
Tgt Ion:278 Resp: 2044189

Ion Ratio Lower Upper

278 100

139 18.0 15.4 23.2

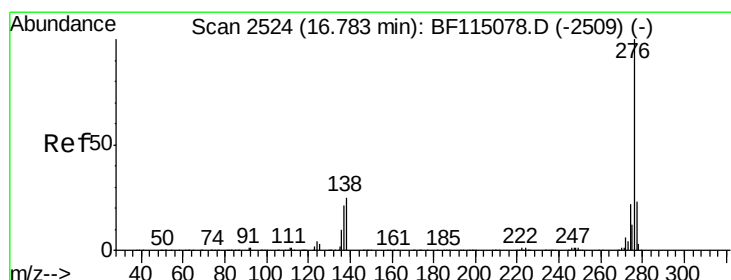
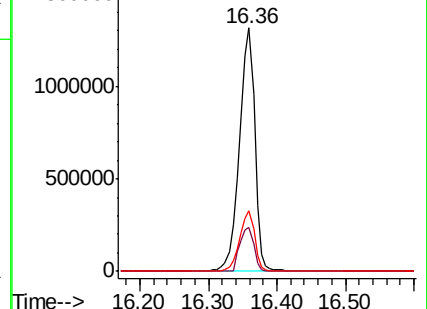
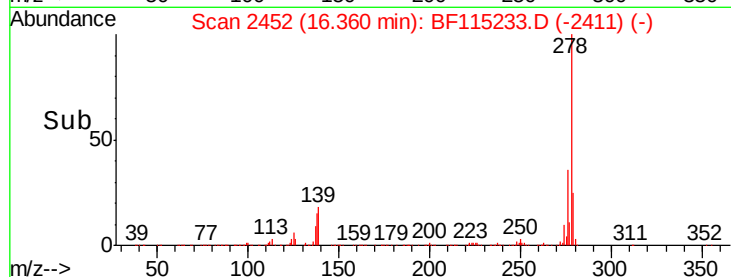
279 24.8 19.9 29.9



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: 52.149 ng

RT: 16.72 min Scan# 2513

Delta R.T. -0.06 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

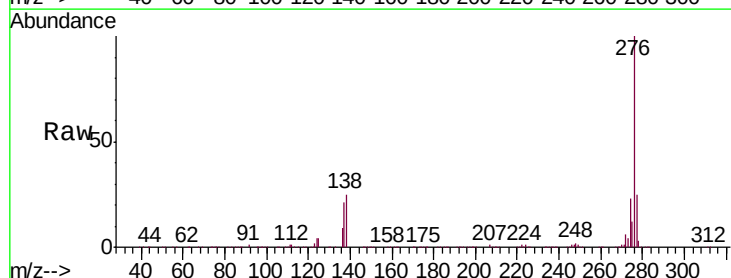
Tgt Ion:276 Resp: 2140547

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 25.2 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

