

Data File : BF115274.D
Acq On : 28 Jun 2019 12:02
Operator : HP/JU
Sample : PB120979BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Quant Time: Jun 29 02:31:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	265649	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1013290	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	507049	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	973159	20.00	ng	0.00
76) Chrysene-d12	13.72	240	642921	20.00	ng	0.00
87) Perylene-d12	15.09	264	803422	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1952016	113.39	ng	0.02
7) Phenol-d6	6.25	99	2404409	115.08	ng	0.01
23) Nitrobenzene-d5	7.17	82	1523070	92.46	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	711357	133.04	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	2770939	92.83	ng	0.00
79) Terphenyl-d14	12.68	244	2926350	96.78	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	263134	32.388	ng	100
3) Pyridine	2.89	79	758620	33.130	ng	97
4) n-Nitrosodimethylamine	2.84	42	332797	37.073	ng	95
6) Aniline	6.27	93	716273	24.943	ng	# 21
8) 2-Chlorophenol	6.39	128	805280	41.602	ng	98
9) Benzaldehyde	6.14	77	159803	11.723	ng	99
10) Phenol	6.26	94	916052	37.428	ng	91
11) bis(2-Chloroethyl)ether	6.34	93	739706	41.001	ng	98
12) 1,3-Dichlorobenzene	6.54	146	854558	39.779	ng	100
13) 1,4-Dichlorobenzene	6.62	146	869842	40.379	ng	100
14) 1,2-Dichlorobenzene	6.77	146	809086	40.557	ng	99
15) Benzyl Alcohol	6.75	79	605028	39.766	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1068898	40.849	ng	98
17) 2-Methylphenol	6.87	107	677921	42.430	ng	98
18) Hexachloroethane	7.11	117	317006	40.818	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	523833	39.160	ng	100
20) 3+4-Methylphenols	7.02	107	761777	41.291	ng	# 79
22) Acetophenone	7.01	105	1075005	46.341	ng	# 96
24) Nitrobenzene	7.18	77	817213	45.033	ng	99
25) Isophorone	7.43	82	1531713	45.392	ng	99
26) 2-Nitrophenol	7.50	139	462839	51.646	ng	100
27) 2,4-Dimethylphenol	7.55	122	757932	51.655	ng	97
28) bis(2-Chloroethoxy)methane	7.64	93	960614	45.041	ng	100
29) 2,4-Dichlorophenol	7.75	162	715849	47.274	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	776071	46.399	ng	100
31) Naphthalene	7.91	128	2279127	45.821	ng	100
32) Benzoic acid	7.70	122	575430	54.940	ng	99
33) 4-Chloroaniline	7.95	127	383991	16.892	ng	99
34) Hexachlorobutadiene	8.03	225	420038	45.826	ng	97
35) Caprolactam	8.33	113	135732	26.661	ng	98
36) 4-Chloro-3-methylphenol	8.45	107	718312	46.841	ng	95
37) 2-Methylnaphthalene	8.60	142	1569036	46.785	ng	99
38) 1-Methylnaphthalene	8.70	142	1478936	46.173	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	655332	45.737	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	800357	94.202	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	521124	47.110	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	550993	48.368	ng	97
46) 1,1'-Biphenyl	9.06	154	1813599	44.702	ng	98
47) 2-Chloronaphthalene	9.08	162	1467596	44.595	ng	97
48) 2-Nitroaniline	9.17	65	433212	45.152	ng	97
49) Acenaphthylene	9.49	152	2281001	44.486	ng	99
50) Dimethylphthalate	9.37	163	1701302	45.606	ng	99
51) 2,6-Dinitrotoluene	9.42	165	409043	47.494	ng	100
52) Acenaphthene	9.67	154	1330931	41.482	ng	99
53) 3-Nitroaniline	9.58	138	264219	25.140	ng	94
54) 2,4-Dinitrophenol	9.70	184	469234	103.505	ng	97
55) Dibenzofuran	9.84	168	1965118	42.673	ng	100
56) 4-Nitrophenol	9.76	139	736433	87.401	ng	91
57) 2,4-Dinitrotoluene	9.82	165	538032	48.382	ng	97
58) Fluorene	10.18	166	1380461	45.029	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	474328	49.656	ng	98
60) Diethylphthalate	10.07	149	1698102	45.284	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	680425	47.003	ng	97
62) 4-Nitroaniline	10.20	138	451912	42.861	ng	97
63) Azobenzene	10.33	77	1529146	43.658	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	277493	53.013	ng	98
66) n-Nitrosodiphenylamine	10.29	169	1404762	46.333	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	499519	47.343	ng	92
68) Hexachlorobenzene	10.72	284	538740	47.041	ng	94
69) Atrazine	10.82	200	466031	47.784	ng	99
70) Pentachlorophenol	10.91	266	650402	89.144	ng	99
71) Phenanthrene	11.13	178	2228259	42.527	ng	100
72) Anthracene	11.18	178	2301969	43.523	ng	98
73) Carbazole	11.33	167	2093926	44.335	ng	98
74) Di-n-butylphthalate	11.68	149	2505870	45.915	ng	98
75) Fluoranthene	12.31	202	2305982	44.110	ng	98
77) Benzidine	12.42	184	810660	28.396	ng	99
78) Pyrene	12.53	202	2375587	48.080	ng	98
80) Butylbenzylphthalate	13.17	149	1142191	52.383	ng	92
81) Benzo(a)anthracene	13.71	228	2152884	46.668	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	566271	33.992	ng	97
83) Chrysene	13.75	228	2039058	48.253	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1493803	52.284	ng	99
85) Di-n-octyl phthalate	14.34	149	2563470	53.401	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2614712	52.291	ng	99
88) Benzo(b)fluoranthene	14.72	252	2270583	45.293	ng	98
89) Benzo(k)fluoranthene	14.75	252	2092975	46.555	ng	99
90) Benzo(a)pyrene	15.04	252	2184212	48.340	ng	98
91) Dibenzo(a,h)anthracene	16.38	278	2122080	50.307	ng	99
92) Benzo(g,h,i)perylene	16.75	276	2235400	52.360	ng	99

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

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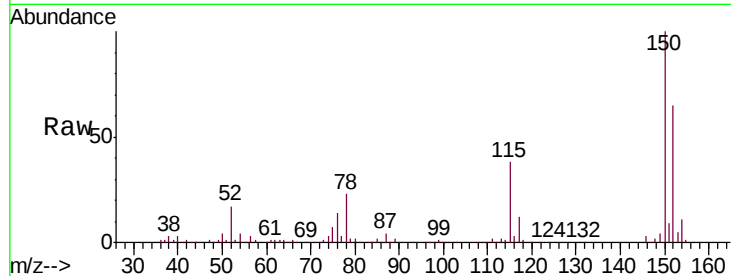




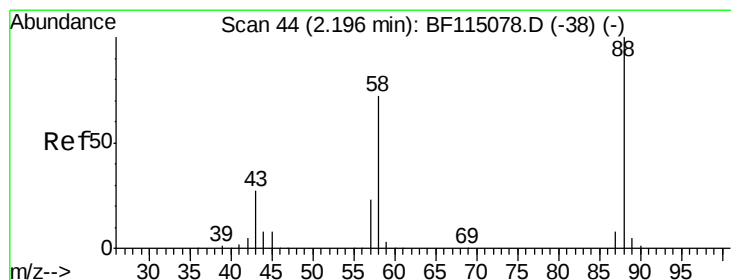
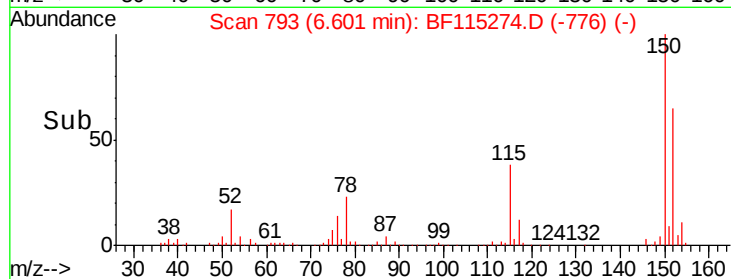
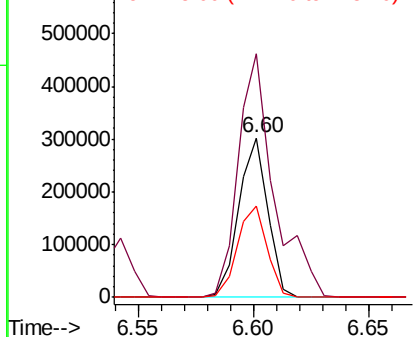
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion: 152 Resp: 265649
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.2 186.2
 115 57.4 46.1 69.1

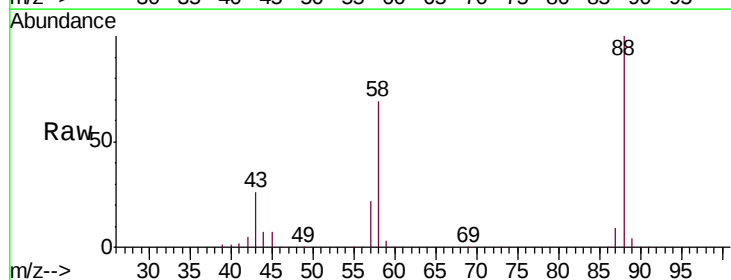


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

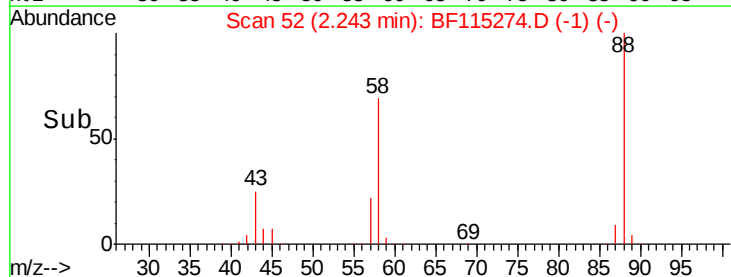
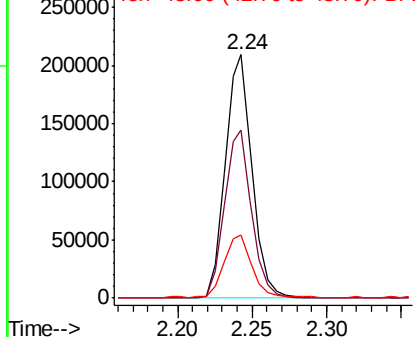


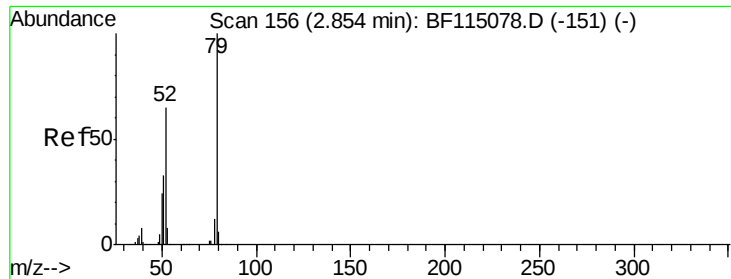
#2
 1,4-Dioxane
 Concen: 32.388 ng
 RT: 2.24 min Scan# 52
 Delta R.T. 0.09 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion: 88 Resp: 263134
 Ion Ratio Lower Upper
 88 100
 58 69.8 56.1 84.1
 43 26.3 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: 33.130 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

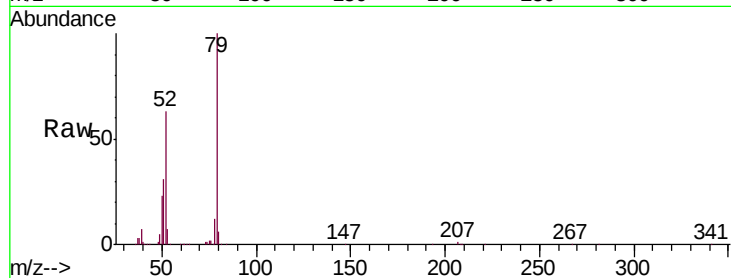
Tgt Ion: 79 Resp: 758620

Ion Ratio Lower Upper

79 100

52 63.4 52.3 78.5

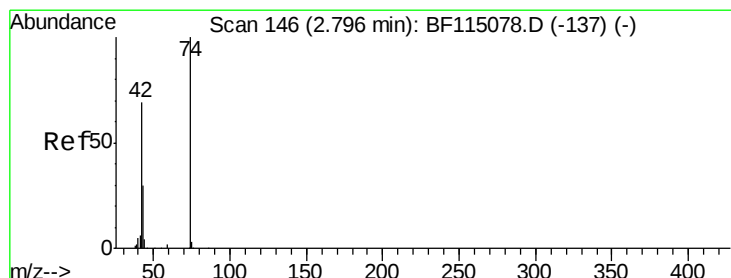
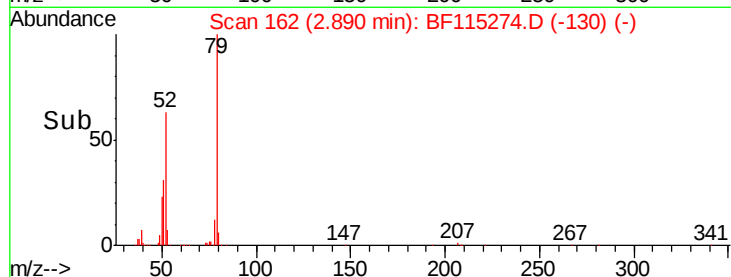
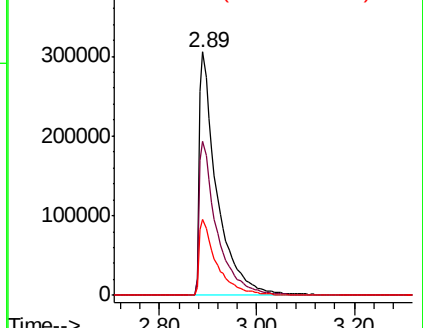
51 31.0 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.073 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

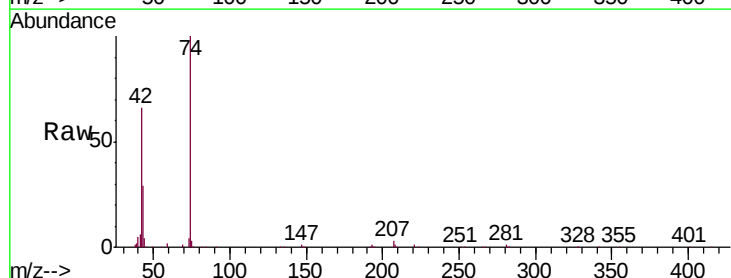
Tgt Ion: 42 Resp: 332797

Ion Ratio Lower Upper

42 100

74 152.6 116.6 175.0

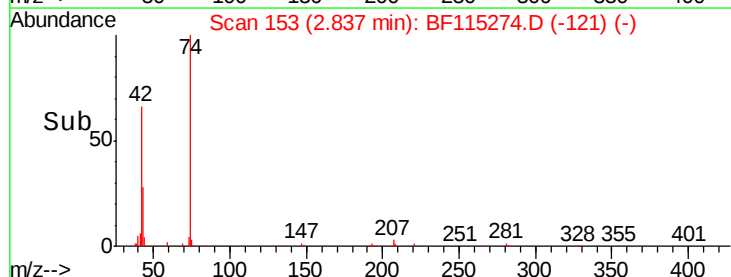
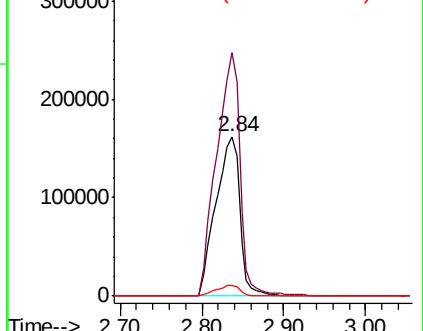
44 6.6 5.3 7.9

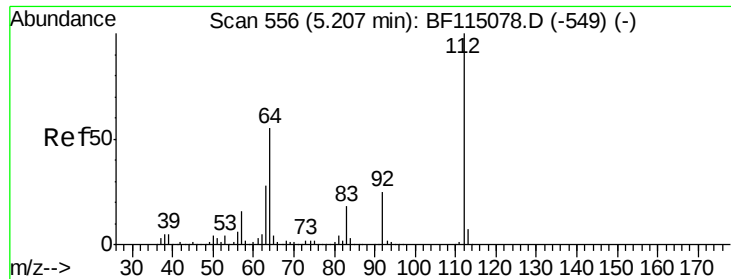


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.394 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115274.D

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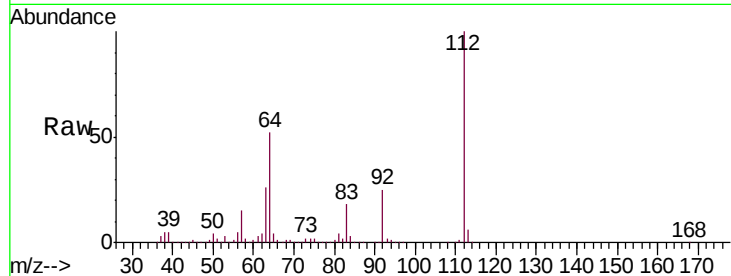
Tgt Ion: 112 Resp: 1952016

Ion Ratio Lower Upper

112 100

64 51.7 43.8 65.6

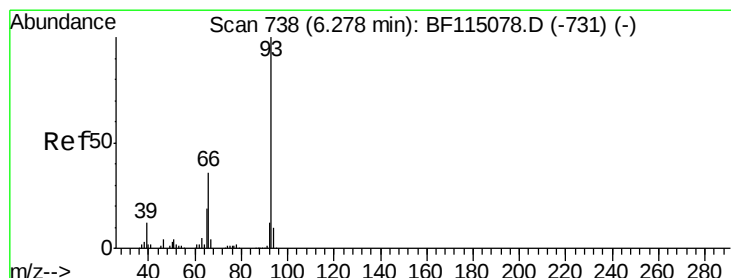
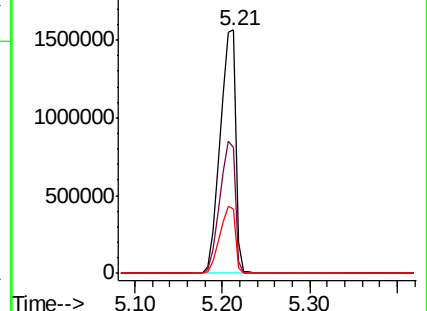
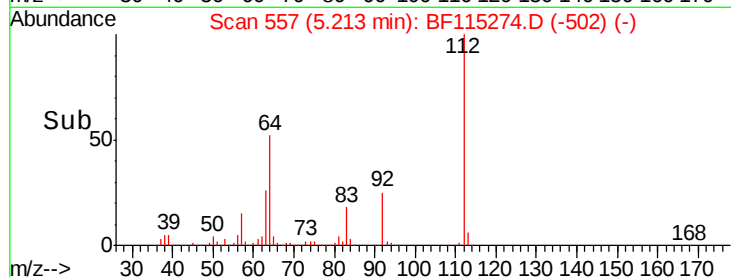
63 26.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.943 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

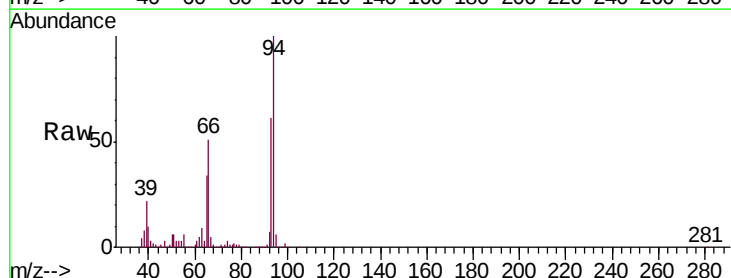
Tgt Ion: 93 Resp: 716273

Ion Ratio Lower Upper

93 100

66 84.3 30.0 45.0#

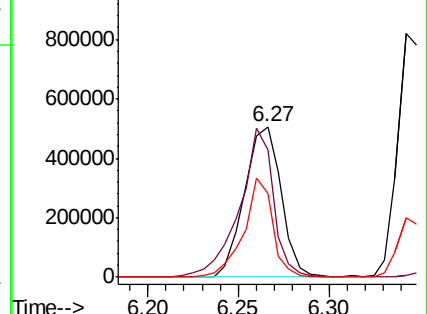
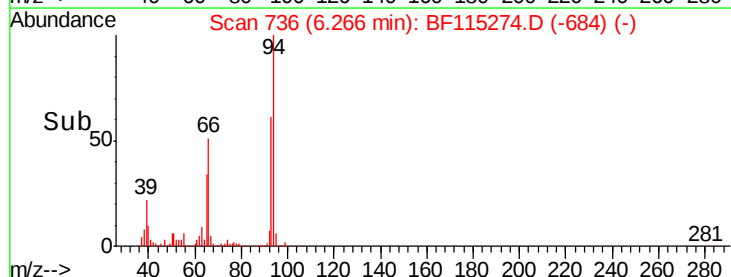
65 55.7 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.075 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

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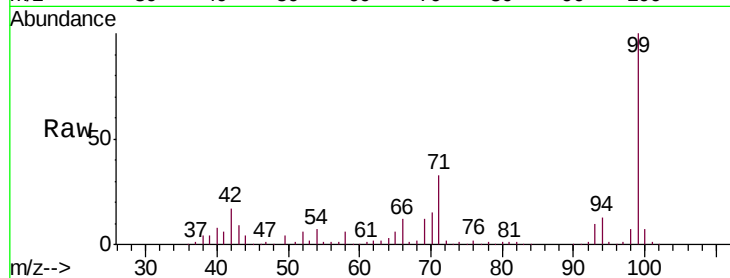
Tgt Ion: 99 Resp: 2404409

Ion Ratio Lower Upper

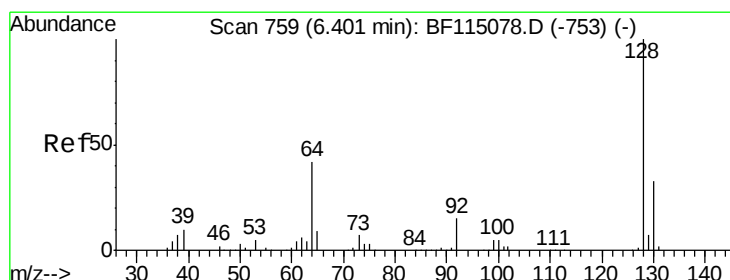
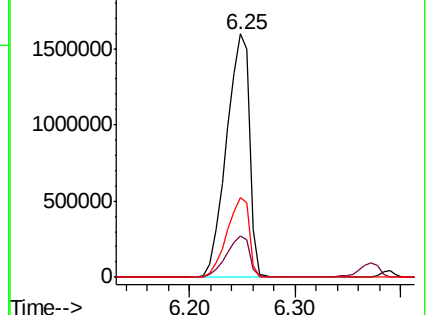
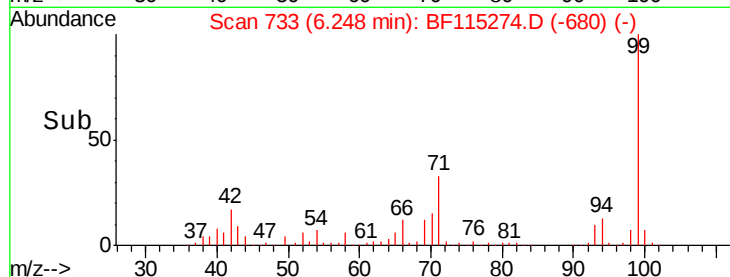
99 100

42 17.0 13.6 20.4

71 32.9 25.5 38.3



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



#8

2-Chlorophenol

Concen: 41.602 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

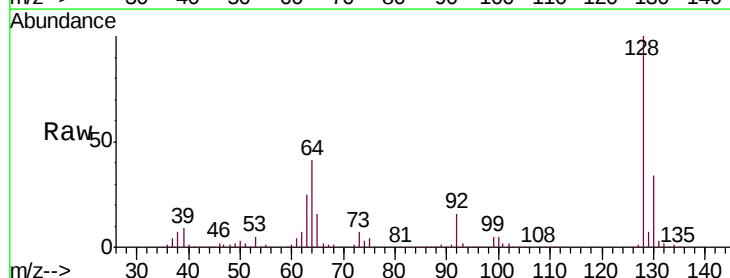
Tgt Ion: 128 Resp: 805280

Ion Ratio Lower Upper

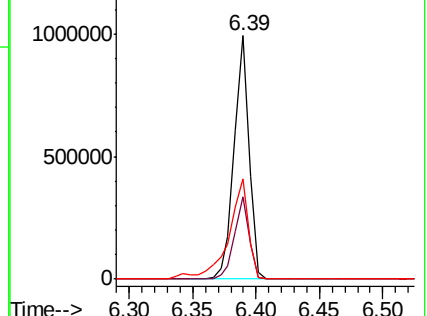
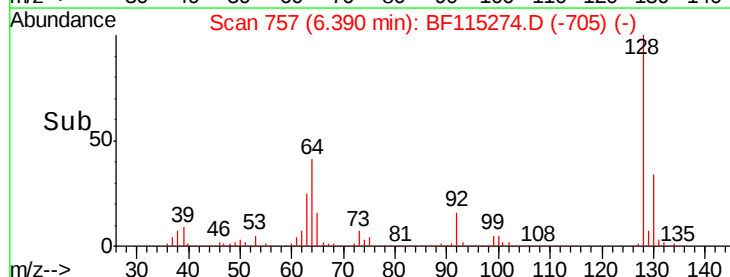
128 100

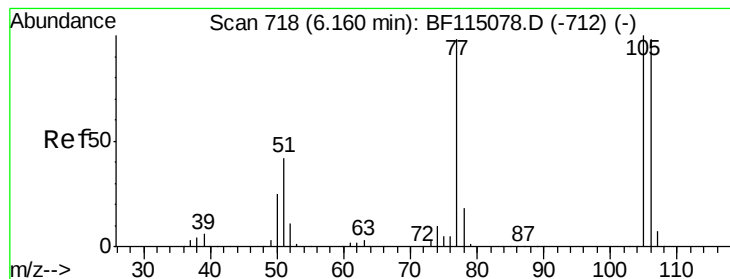
130 33.9 12.9 52.9

64 41.3 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: 11.723 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

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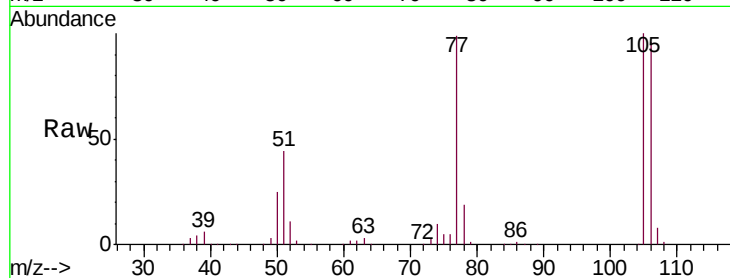
Tgt Ion: 77 Resp: 159803

Ion Ratio Lower Upper

77 100

105 101.5 81.5 121.5

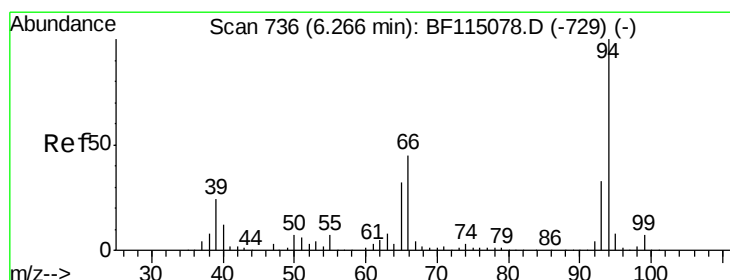
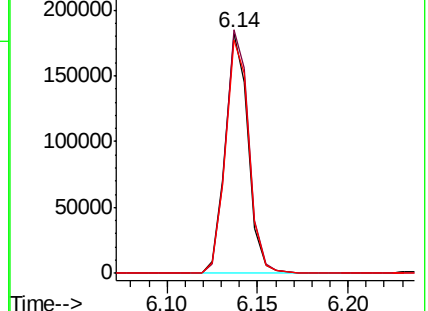
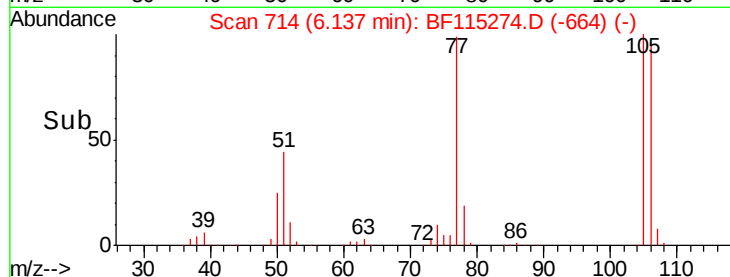
106 97.3 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.428 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

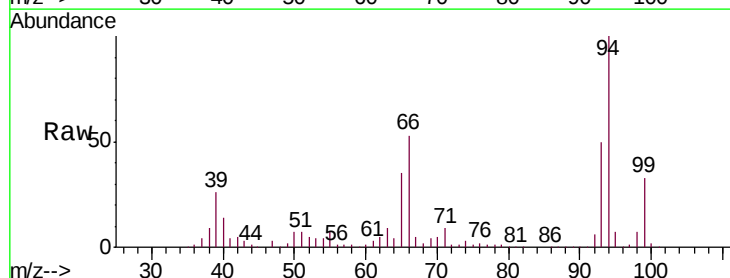
Tgt Ion: 94 Resp: 916052

Ion Ratio Lower Upper

94 100

65 35.0 11.9 51.9

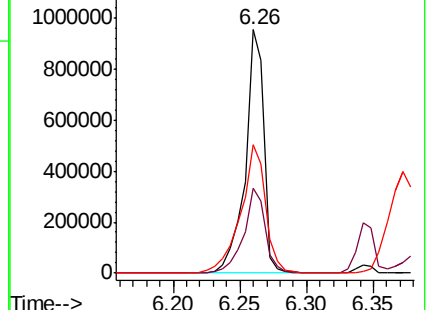
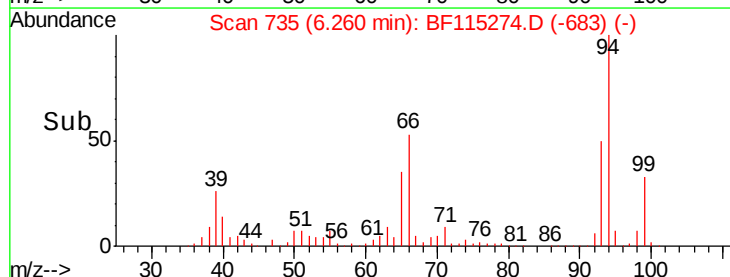
66 52.7 25.2 65.2

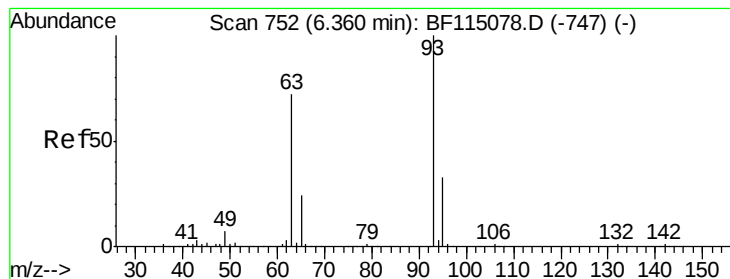


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.001 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

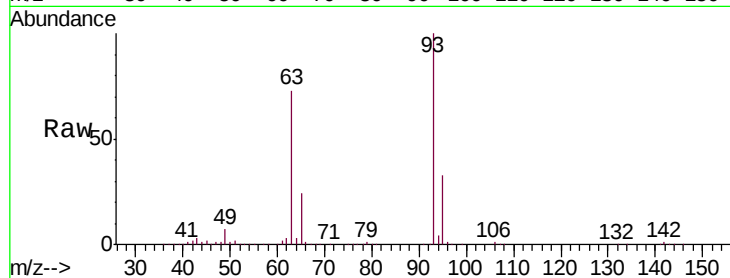
Tgt Ion: 93 Resp: 739706

Ion Ratio Lower Upper

93 100

63 72.9 51.5 91.5

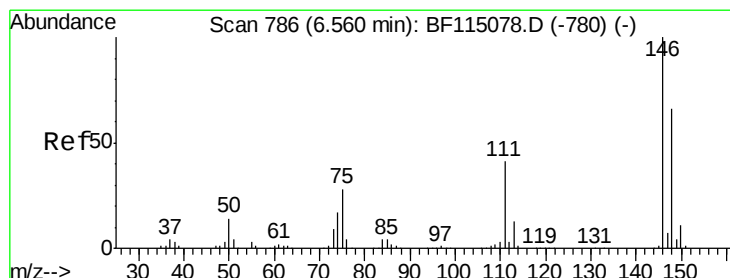
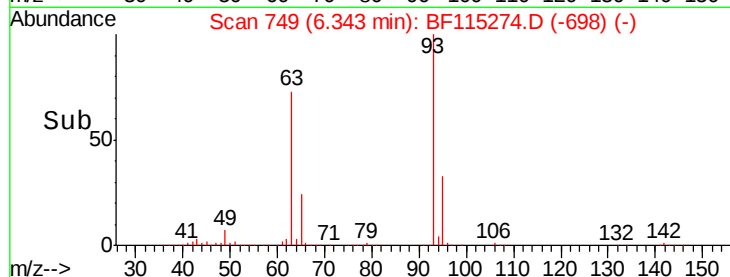
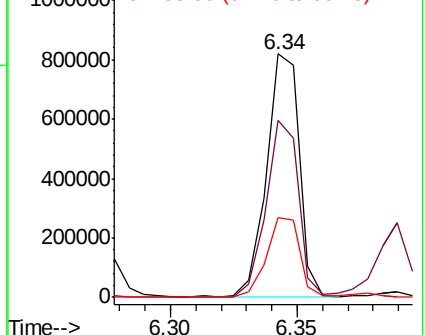
95 32.7 13.4 53.4



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: 39.779 ng

RT: 6.54 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

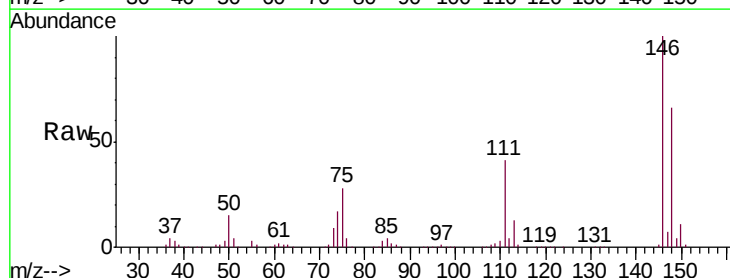
Tgt Ion: 146 Resp: 854558

Ion Ratio Lower Upper

146 100

148 65.8 52.6 78.8

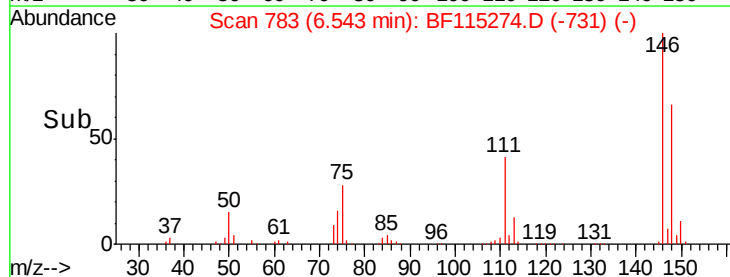
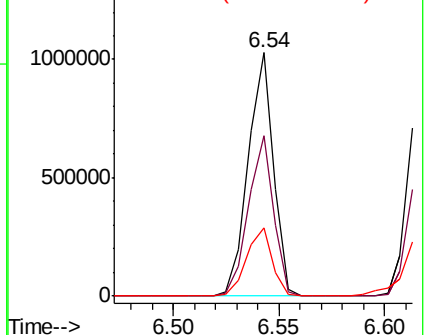
75 28.3 22.6 34.0

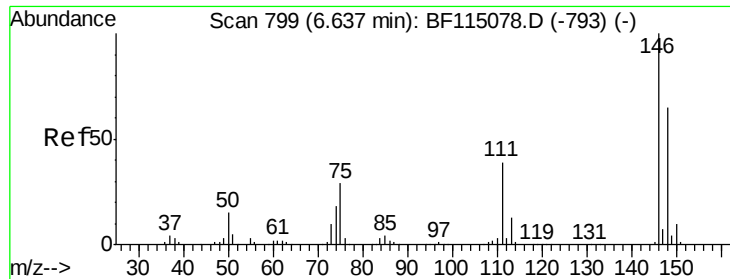


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

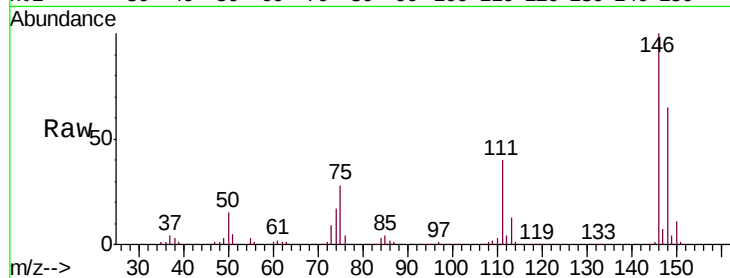




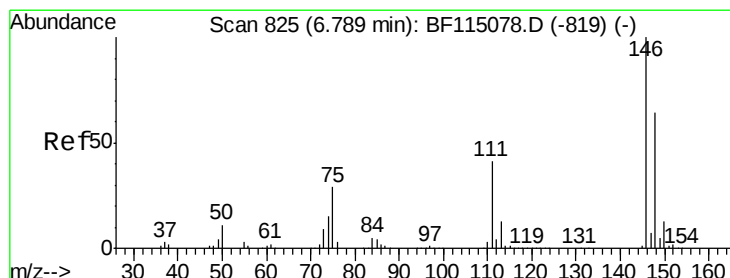
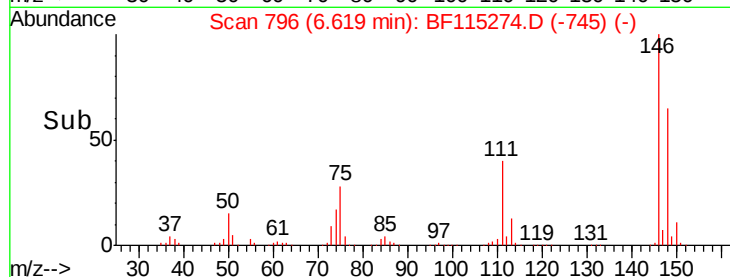
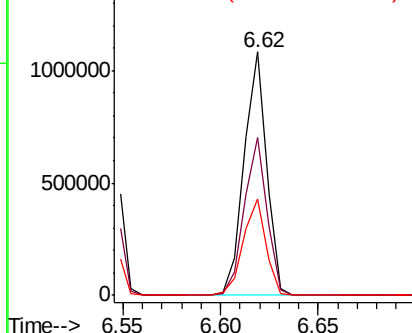
#13
 1,4-Dichlorobenzene
 Concen: 40.379 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion:146 Resp: 869842
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 39.7 31.4 47.0

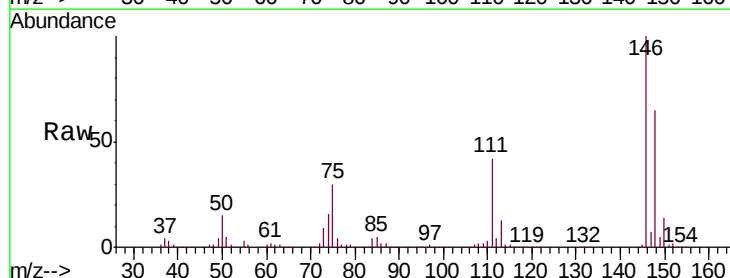


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

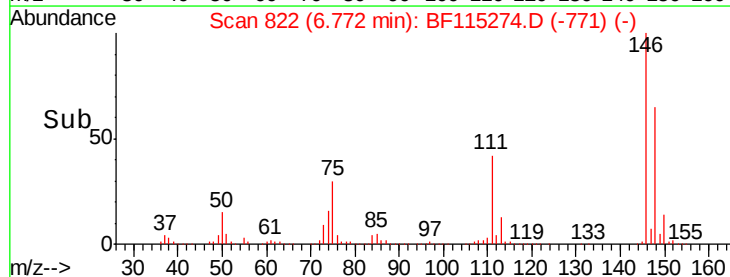
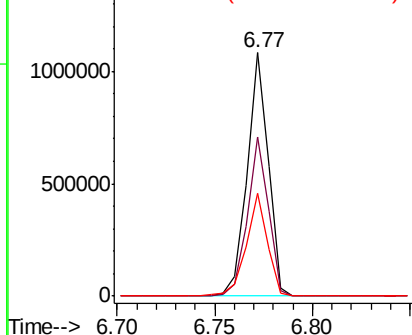


#14
 1,2-Dichlorobenzene
 Concen: 40.557 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:146 Resp: 809086
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 42.1 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 39.766 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

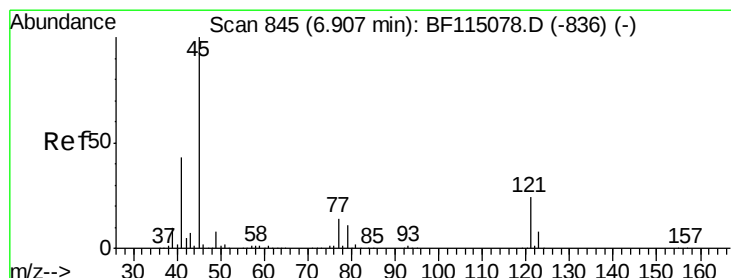
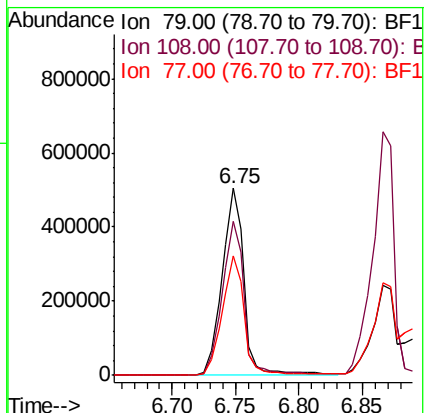
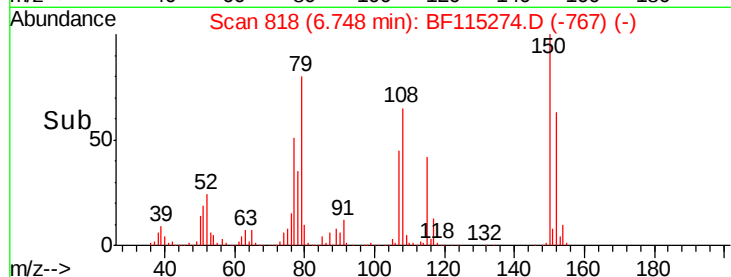
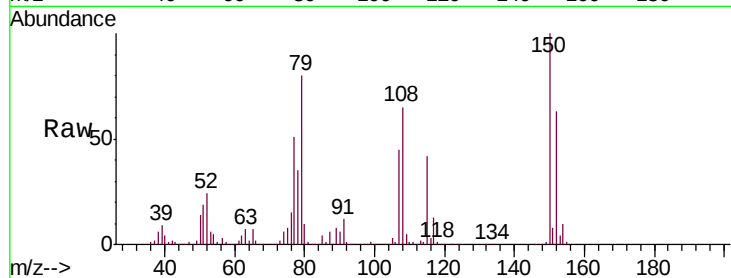
Tgt Ion: 79 Resp: 605028

Ion Ratio Lower Upper

79 100

108 82.2 68.7 103.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.849 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

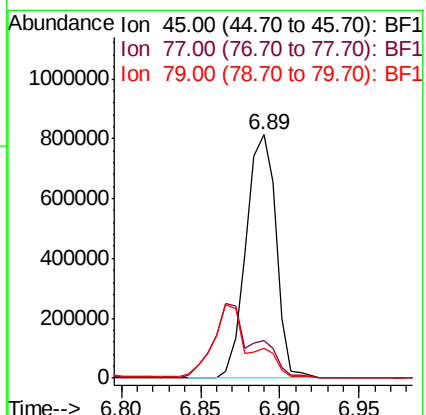
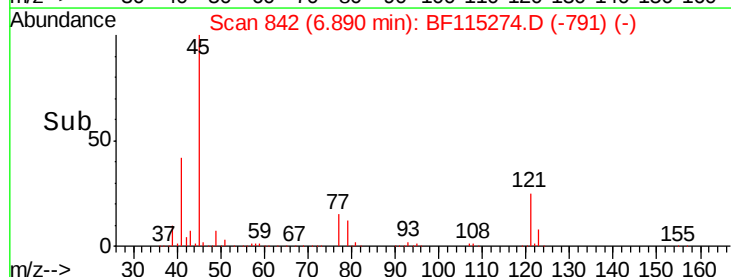
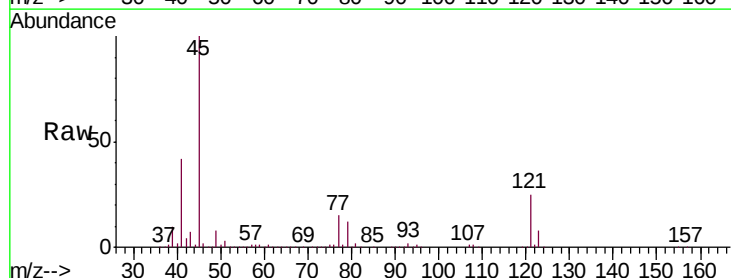
Tgt Ion: 45 Resp: 1068898

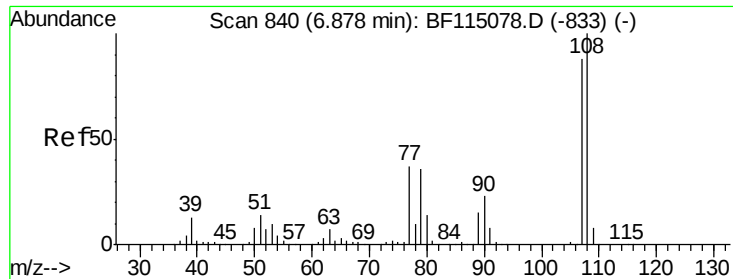
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.6

79 12.0 0.0 31.2

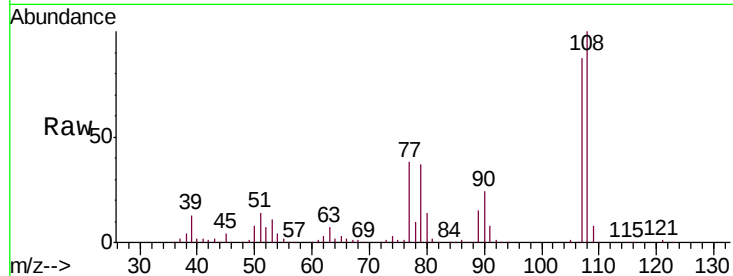




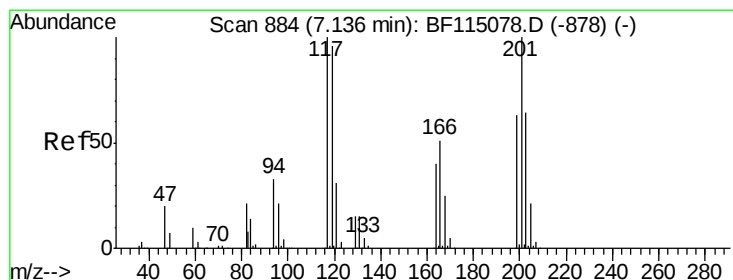
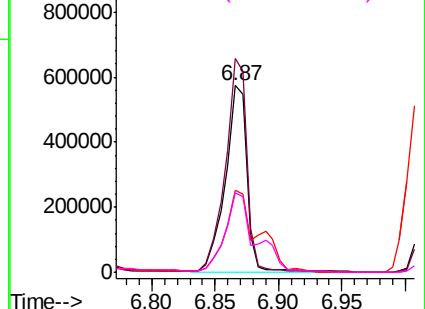
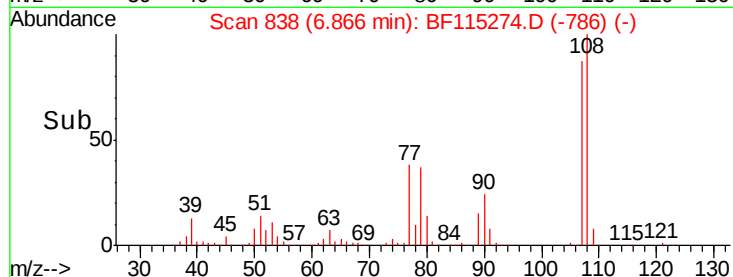
#17
2-Methylphenol
Concen: 42.430 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleID :
PB120979BS

Tgt Ion:	107	Resp:	677921
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.9	136.3
77	43.8	33.4	50.2
79	42.5	32.3	48.5

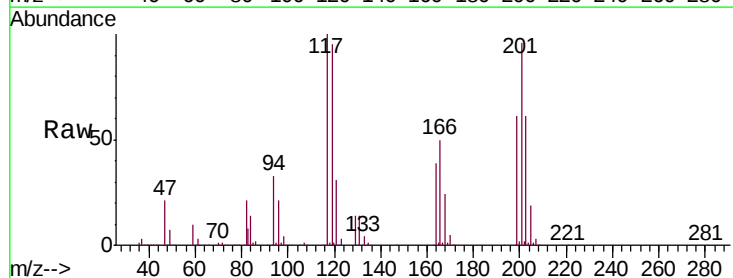


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

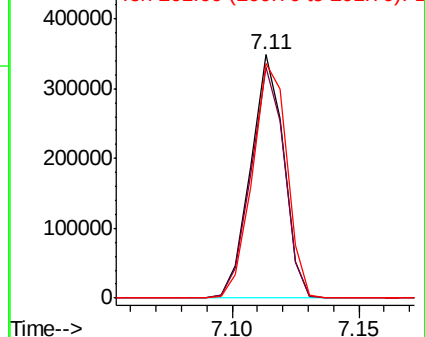
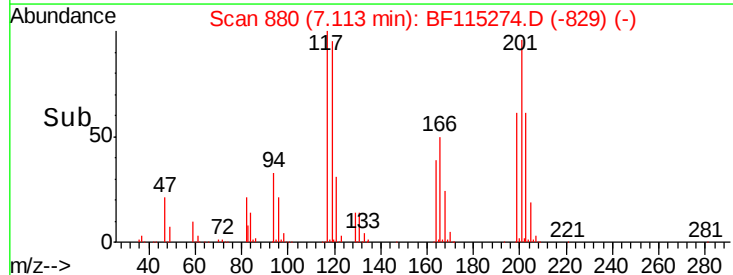


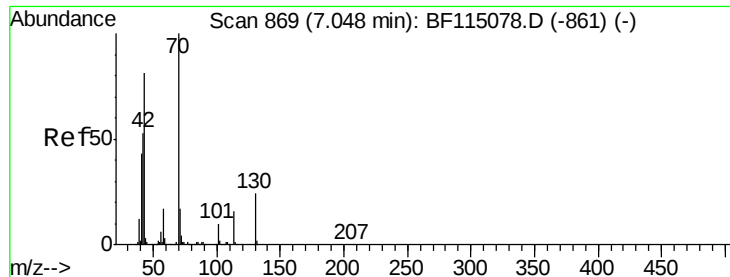
#18
Hexachloroethane
Concen: 40.818 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:	117	Resp:	317006
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	114.8
201	96.5	80.2	120.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

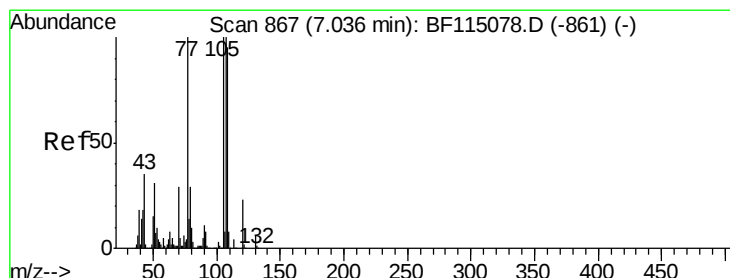
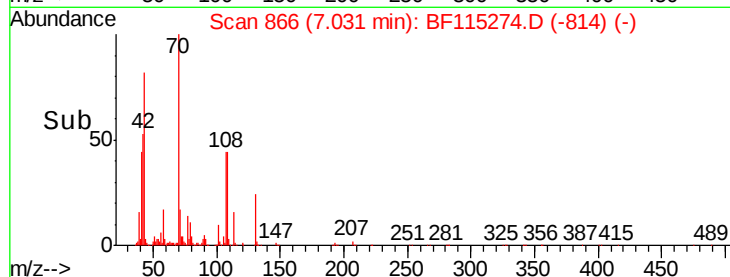
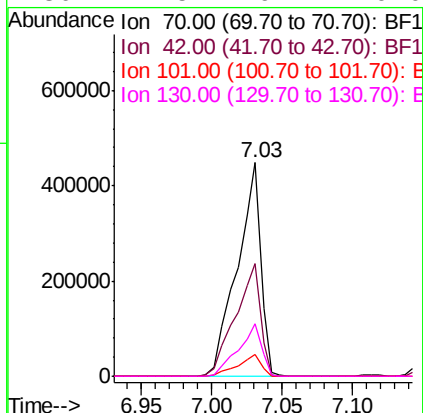
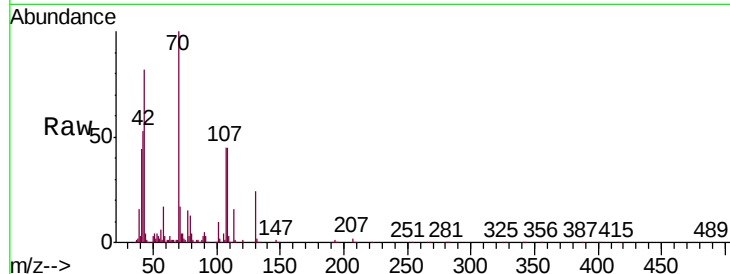




#19
n-Nitroso-di-n-propylamine
Concen: 39.160 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

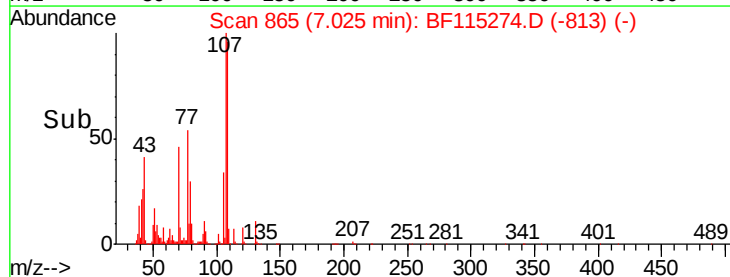
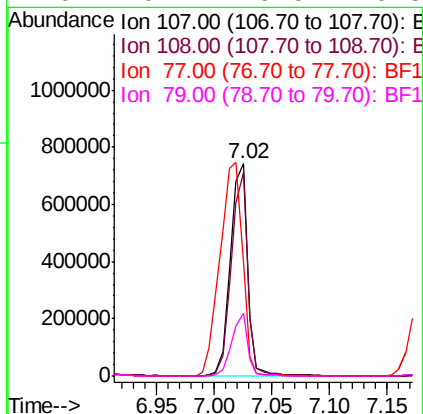
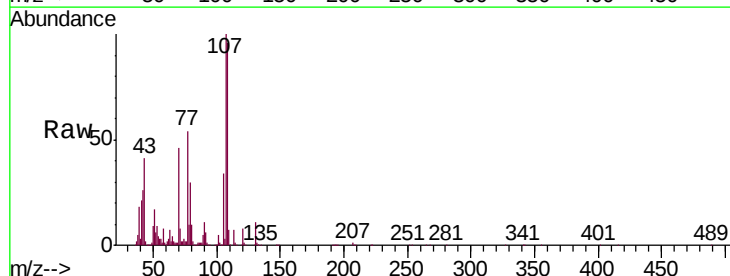
Instrument :
BNA_F
ClientSampleId :
PB120979BS

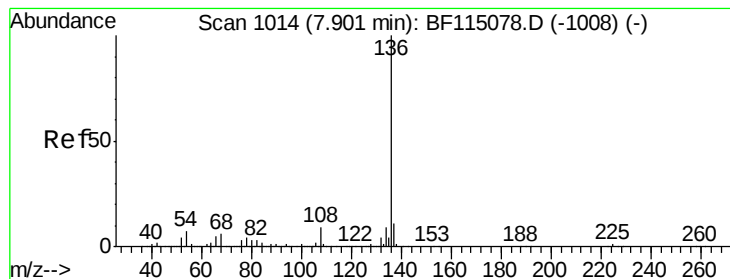
Tgt Ion:	70	Resp:	523833
Ion	Ratio	Lower	Upper
70	100		
42	52.9	42.6	63.8
101	10.1	8.0	12.0
130	24.5	19.4	29.0



#20
3+4-Methylphenols
Concen: 41.291 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:	107	Resp:	761777
Ion	Ratio	Lower	Upper
107	100		
108	95.8	75.5	115.5
77	53.7	80.2	120.2#
79	29.7	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

Tgt Ion:136 Resp: 1013290

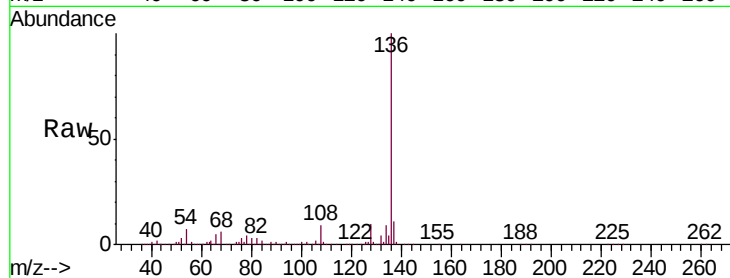
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 5.6 8.4

68 5.8 4.8 7.2

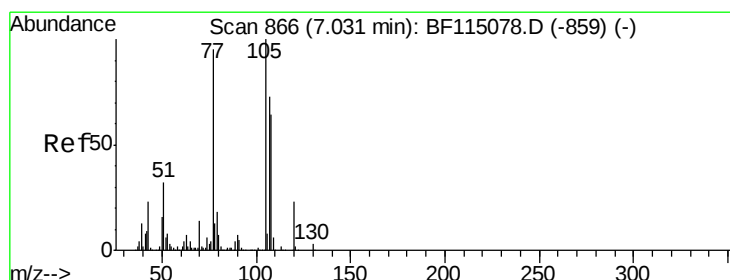
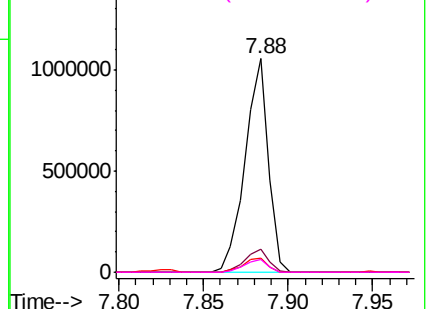
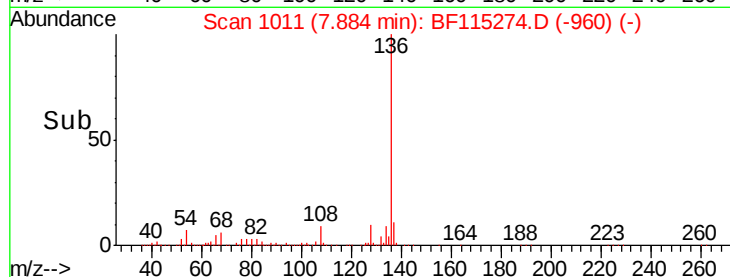


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.341 ng

RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:105 Resp: 1075005

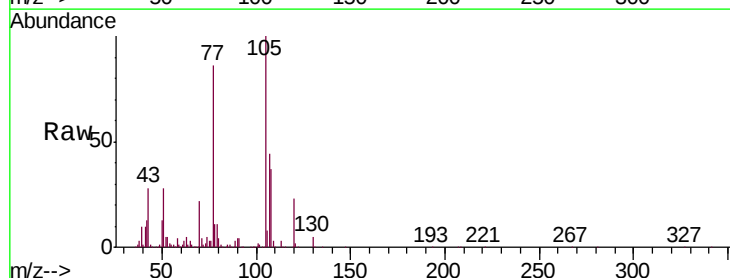
Ion Ratio Lower Upper

105 100

71 3.6 1.9 2.9#

51 28.2 25.8 38.8

120 23.2 18.5 27.7

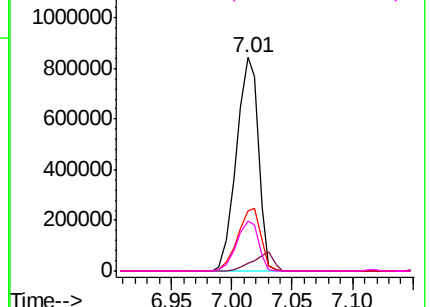
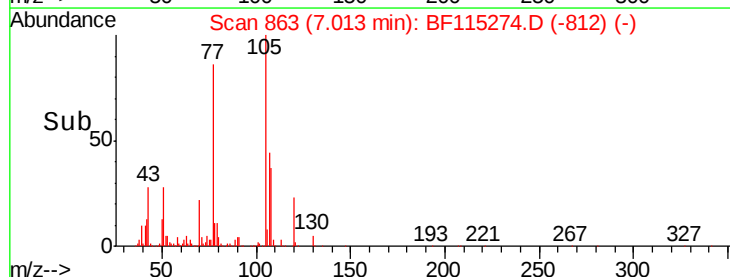


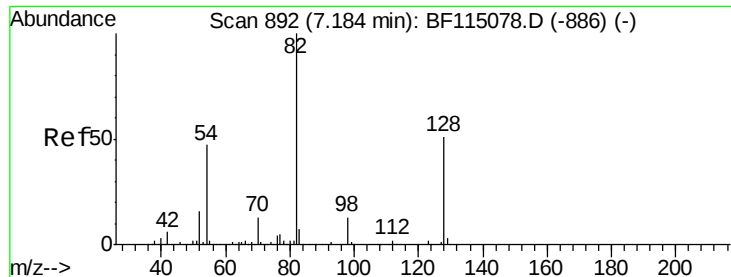
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

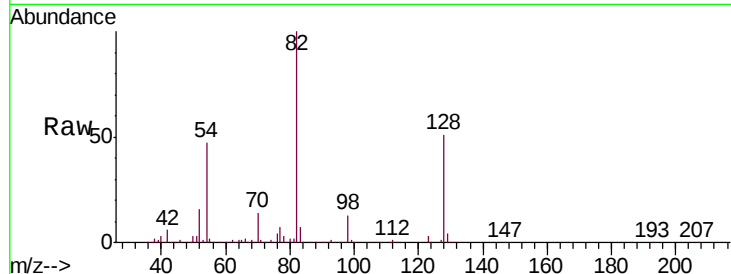




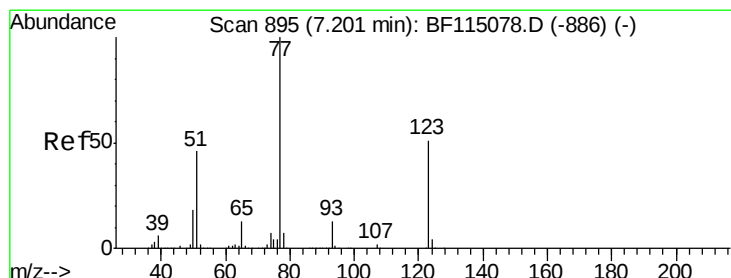
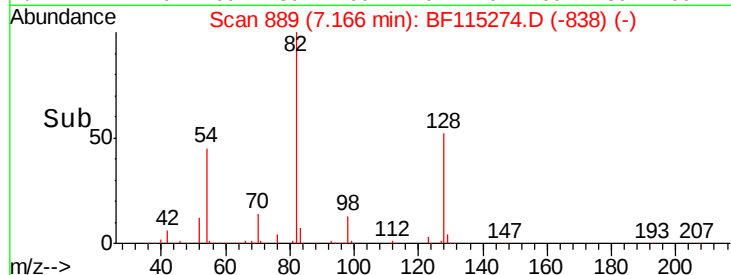
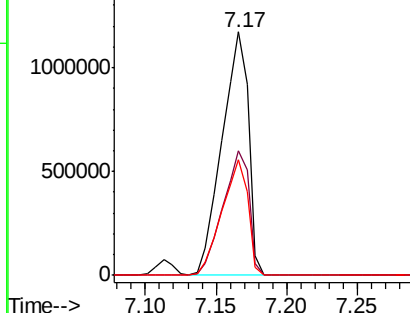
#23
 Nitrobenzene-d5
 Concen: 92.463 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion: 82 Resp: 1523070
 Ion Ratio Lower Upper
 82 100
 128 51.4 40.4 60.6
 54 47.4 37.5 56.3

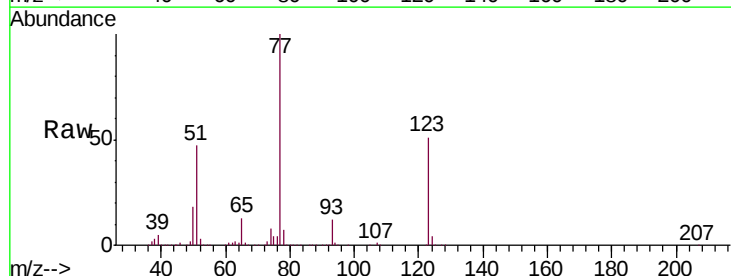


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

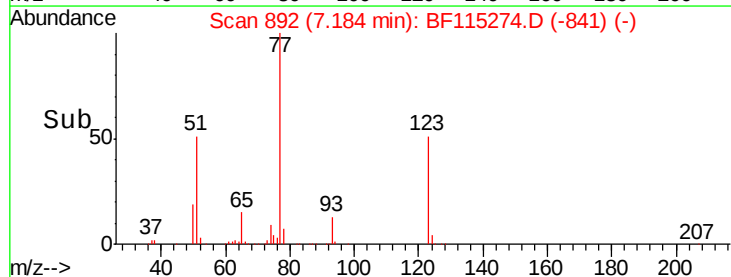
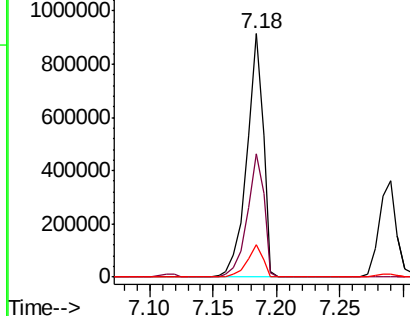


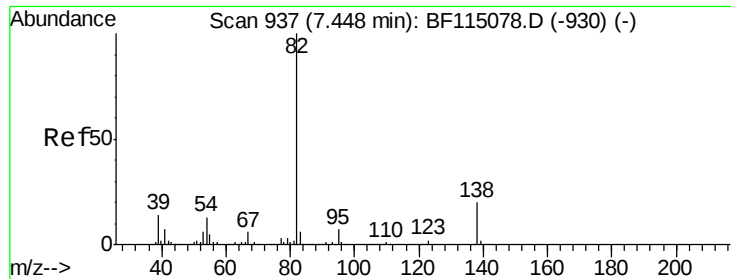
#24
 Nitrobenzene
 Concen: 45.033 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion: 77 Resp: 817213
 Ion Ratio Lower Upper
 77 100
 123 50.8 41.0 61.6
 65 13.4 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

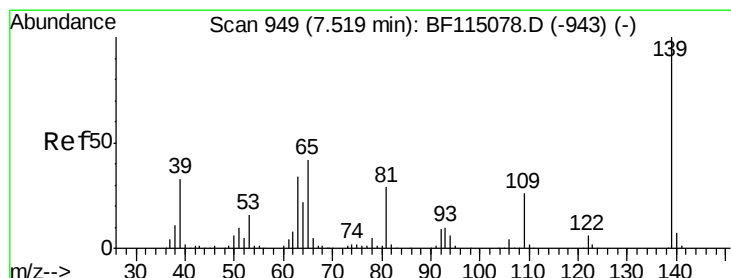
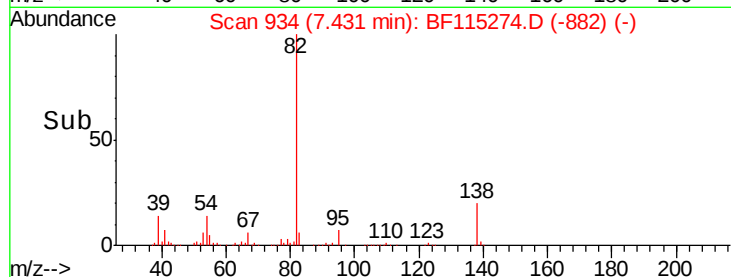
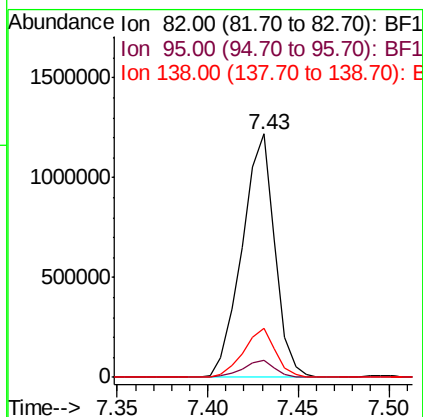
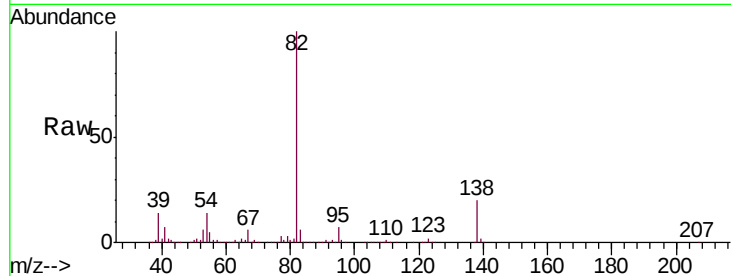




#25
Isophorone
Concen: 45.392 ng
RT: 7.43 min Scan# 934
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

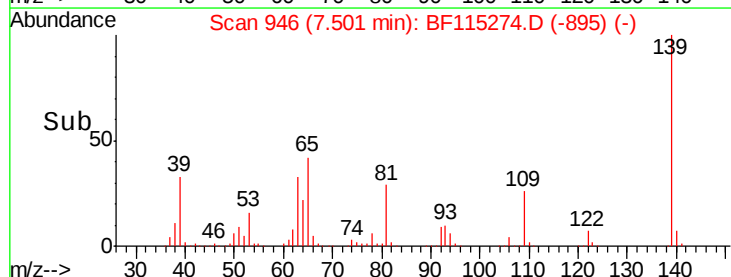
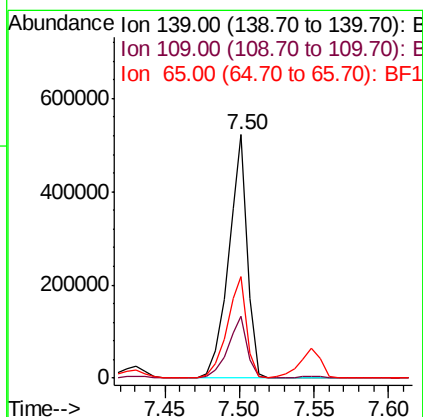
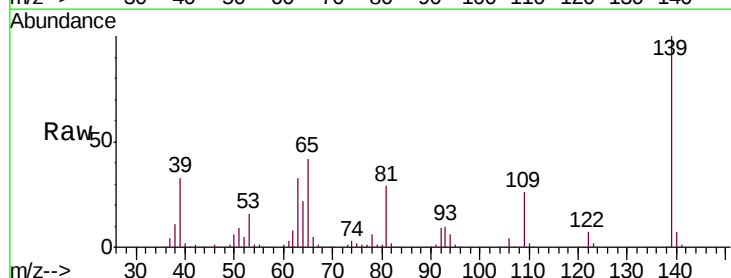
Instrument :
BNA_F
ClientSampleId :
PB120979BS

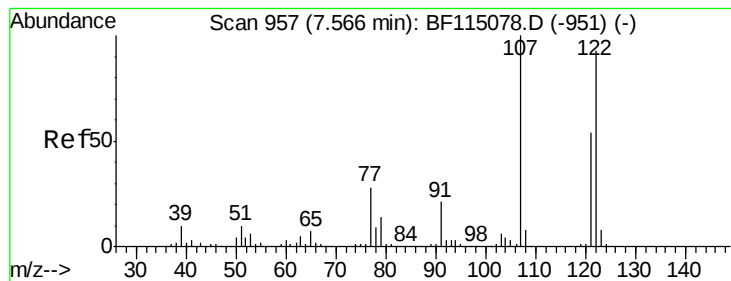
Tgt Ion: 82 Resp: 1531713
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 20.3 15.9 23.9



#26
2-Nitrophenol
Concen: 51.646 ng
RT: 7.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion: 139 Resp: 462839
Ion Ratio Lower Upper
139 100
109 25.5 20.4 30.6
65 41.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 51.655 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

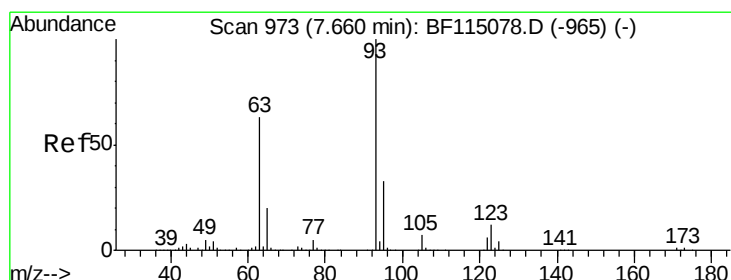
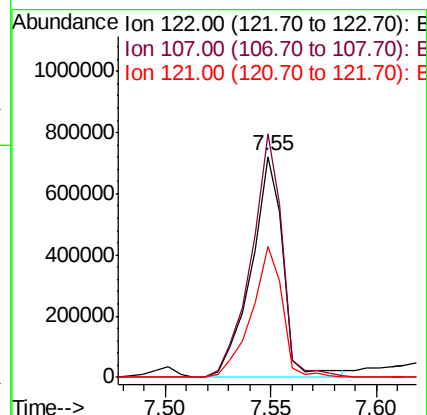
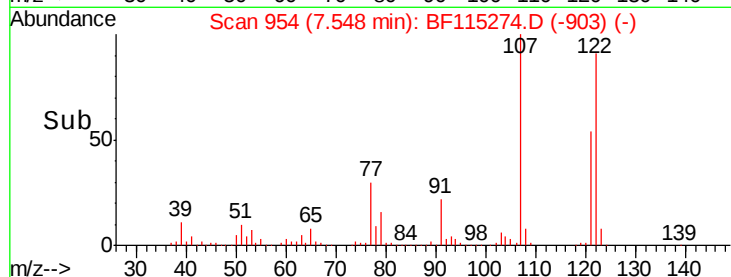
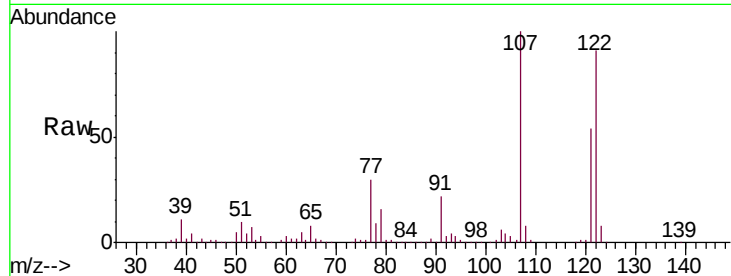
Tgt Ion:122 Resp: 757932

Ion Ratio Lower Upper

122 100

107 110.2 85.8 128.6

121 59.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.041 ng

RT: 7.64 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

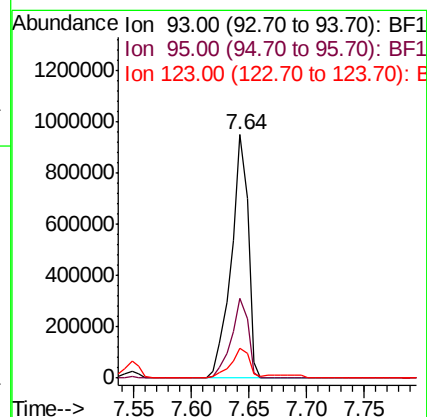
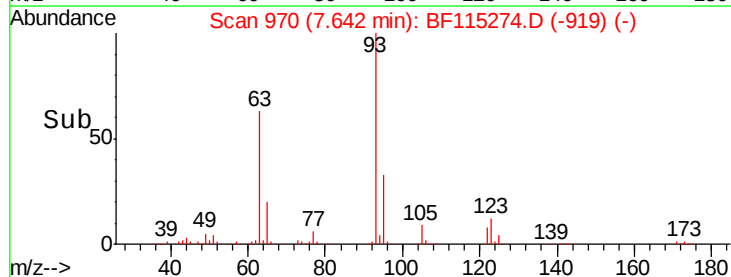
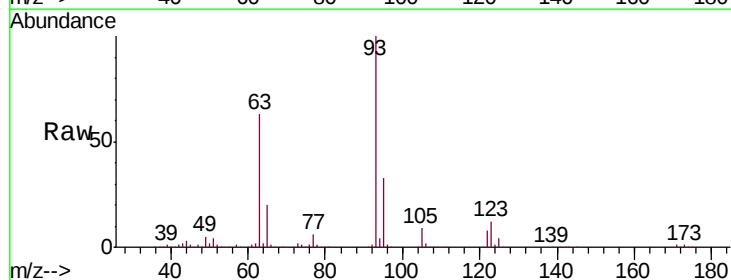
Tgt Ion: 93 Resp: 960614

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.3 9.7 14.5

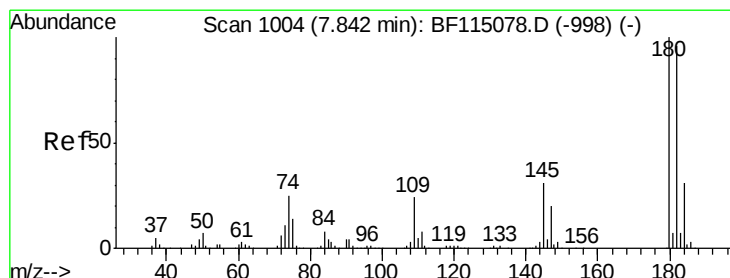
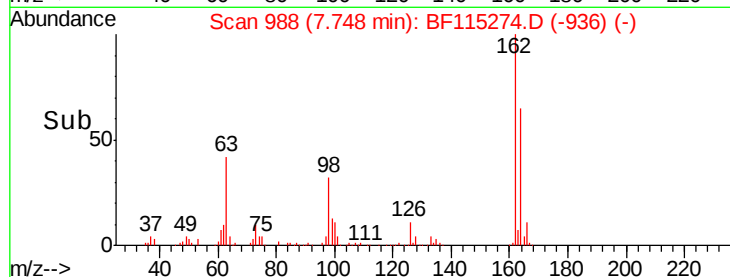
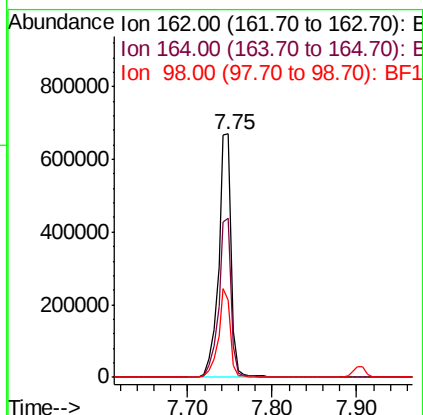
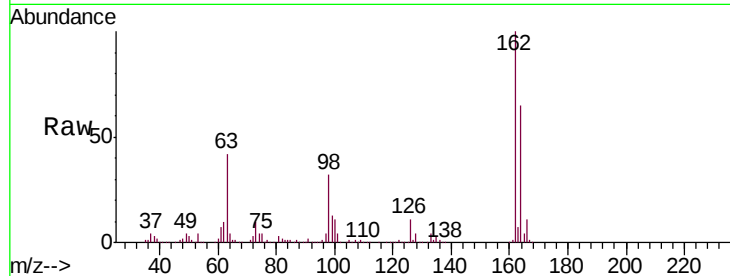




#29
 2,4-Dichlorophenol
 Concen: 47.274 ng
 RT: 7.75 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

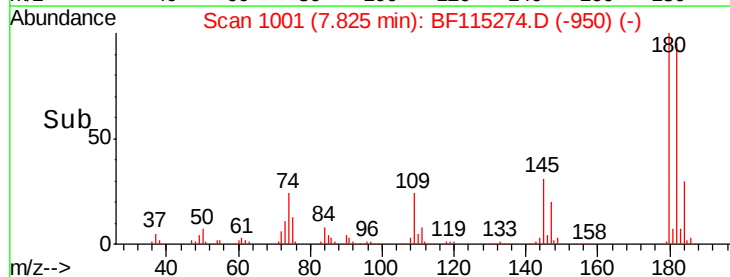
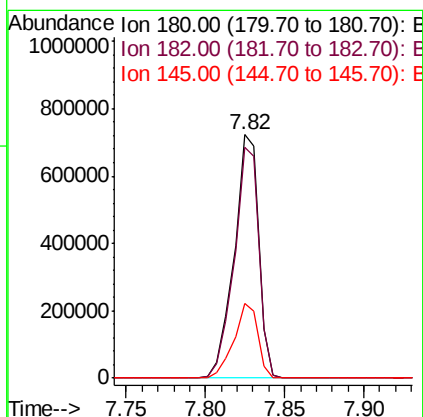
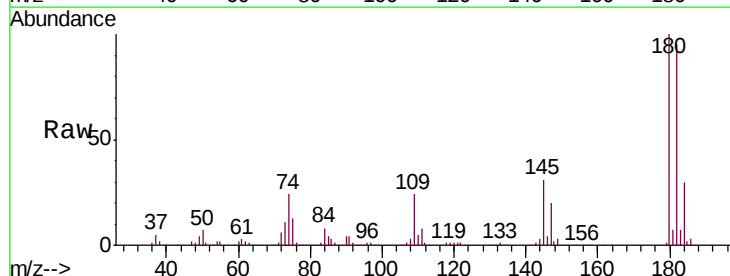
Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

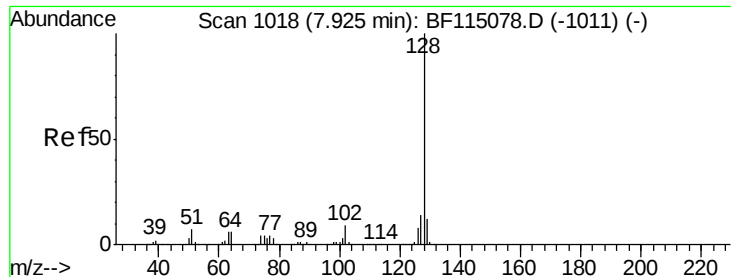
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.3	85.3
98	31.6	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.399 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	30.8	24.8	37.2

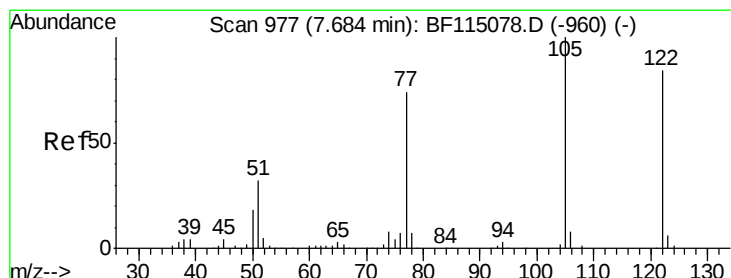
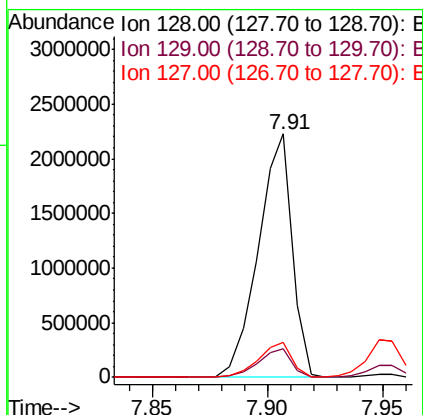
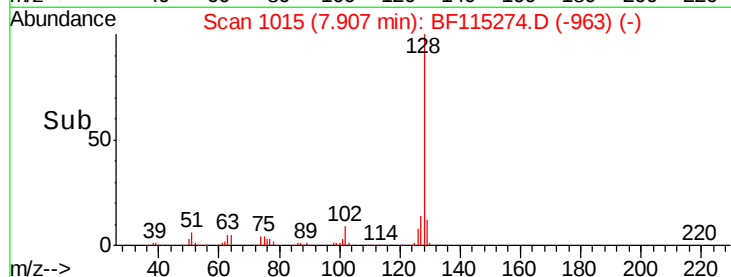
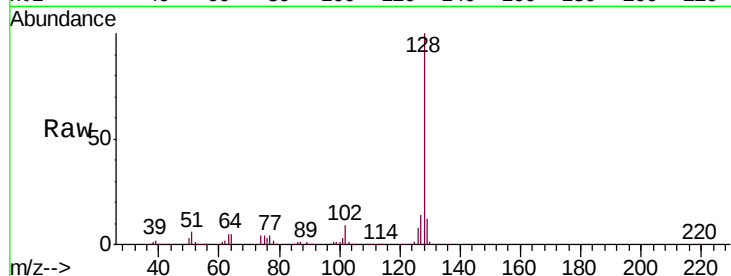




#31
Naphthalene
Concen: 45.821 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

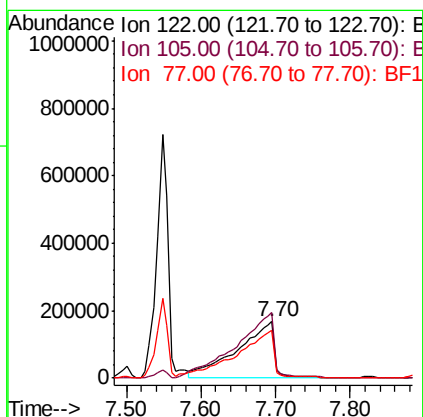
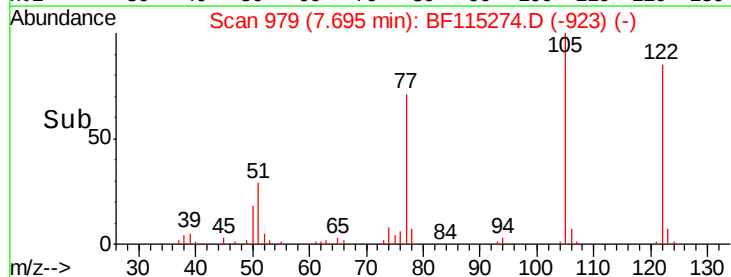
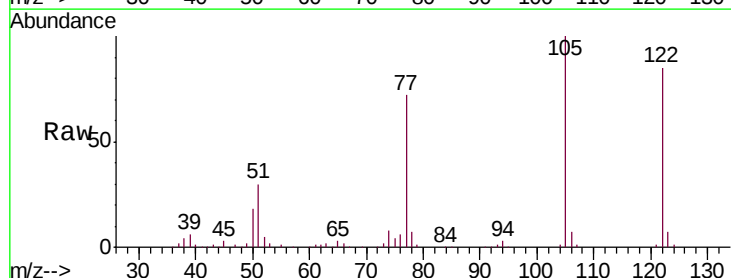
Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tgt Ion:128 Resp: 2279127
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 54.940 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.03 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:122 Resp: 575430
Ion Ratio Lower Upper
122 100
105 117.7 98.2 138.2
77 84.7 67.0 107.0

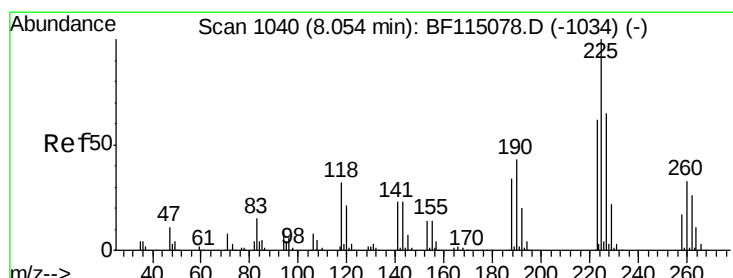
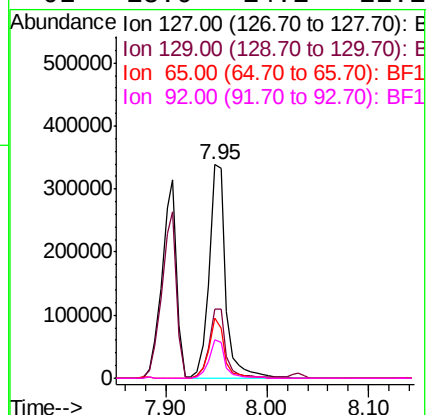
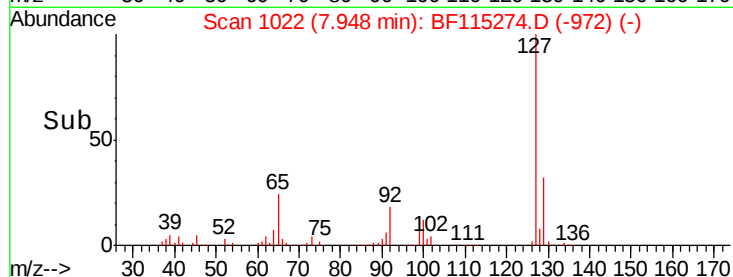
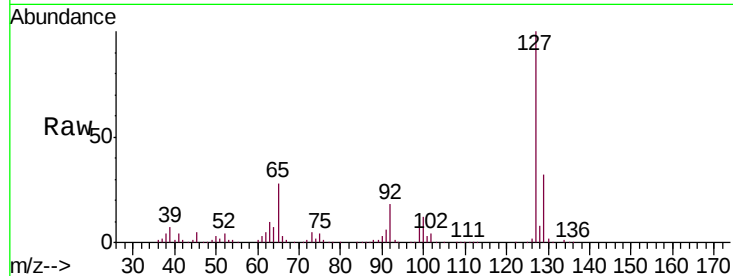




#33
4-Chloroaniline
Concen: 16.892 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

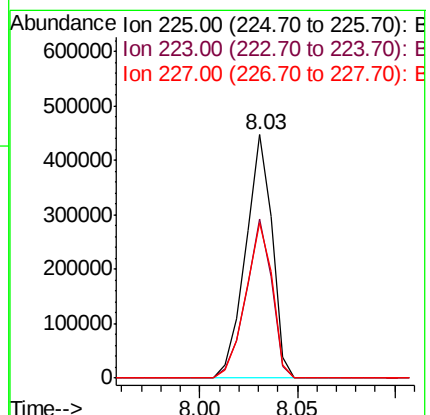
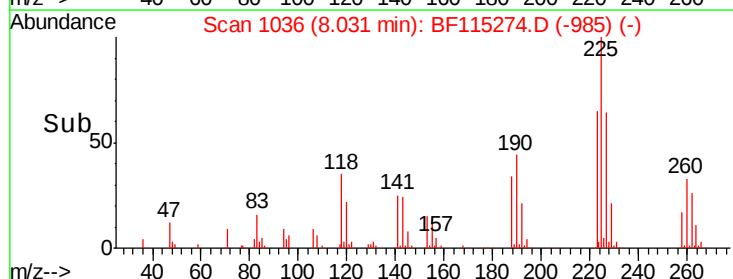
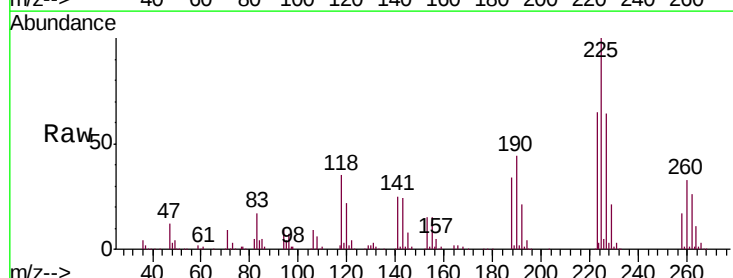
Instrument :
BNA_F
ClientSampleId :
PB120979BS

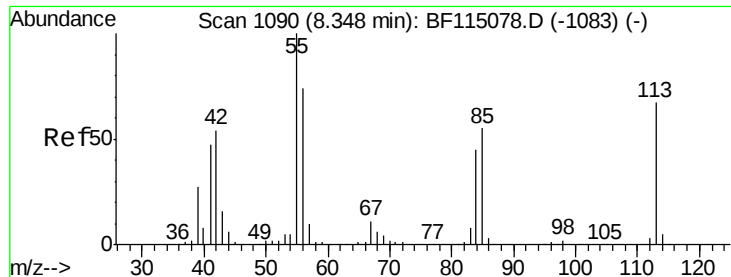
Tgt Ion:	127	Resp:	383991
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	27.9	21.4	32.2
92	18.0	14.1	21.1



#34
Hexachlorobutadiene
Concen: 45.826 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:	225	Resp:	420038
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.4	74.2
227	64.0	51.8	77.8

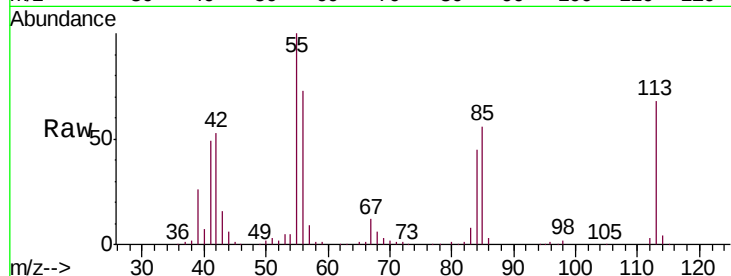




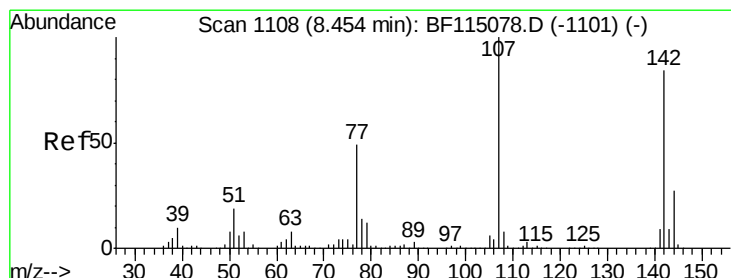
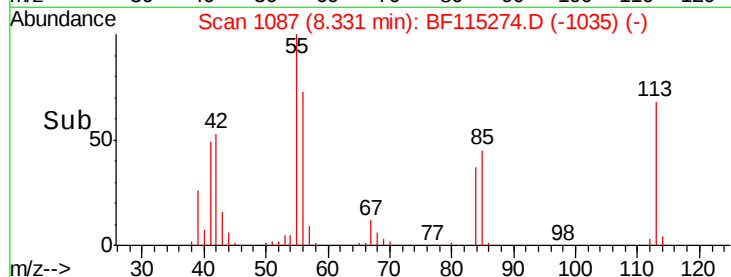
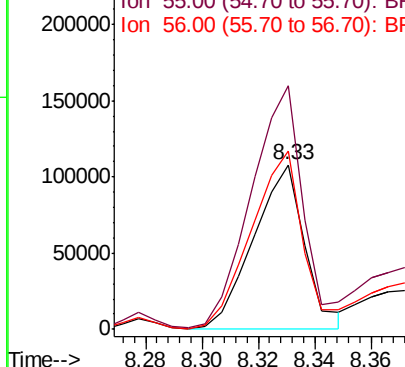
#35
 Caprolactam
 Concen: 26.661 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion:113 Resp: 135732
 Ion Ratio Lower Upper
 113 100
 55 148.1 130.2 170.2
 56 108.1 91.6 131.6

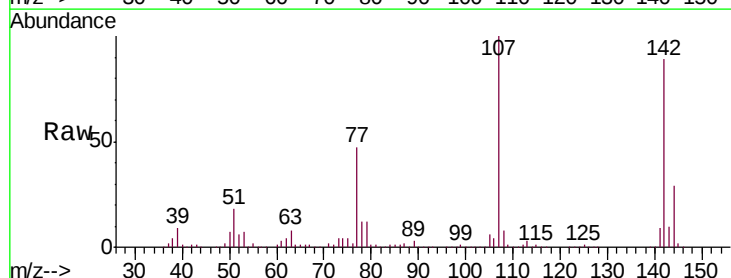


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

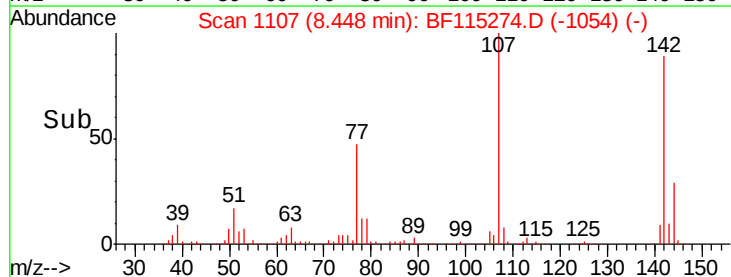
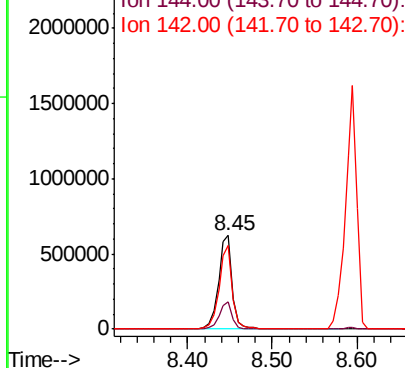


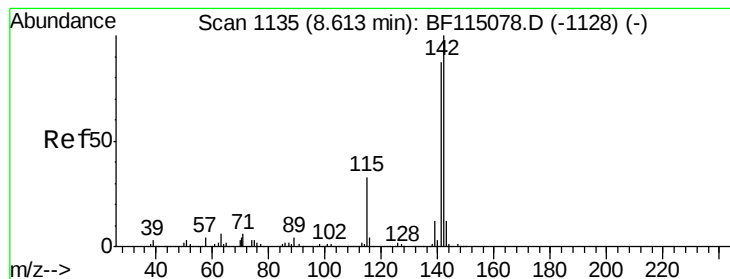
#36
 4-Chloro-3-methylphenol
 Concen: 46.841 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:107 Resp: 718312
 Ion Ratio Lower Upper
 107 100
 144 28.6 21.7 32.5
 142 88.5 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: 46.785 ng

RT: 8.60 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

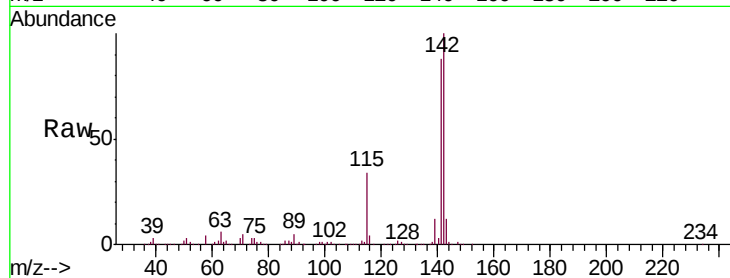
Tgt Ion:142 Resp: 1569036

Ion Ratio Lower Upper

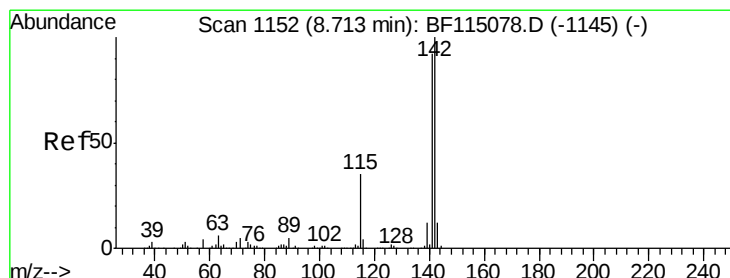
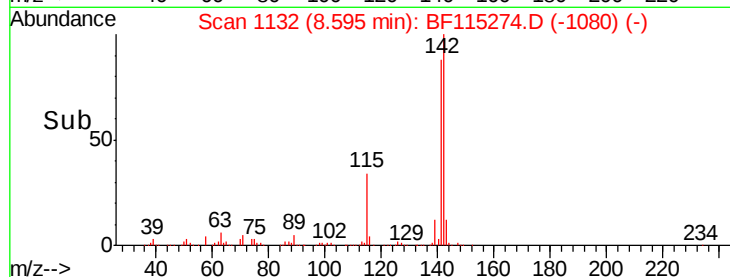
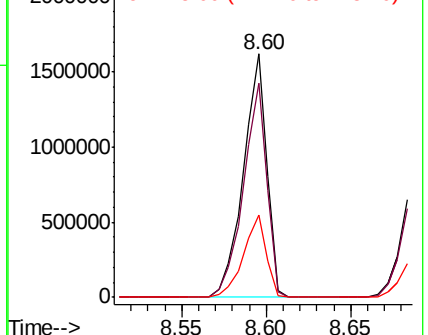
142 100

141 88.2 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: 46.173 ng

RT: 8.70 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

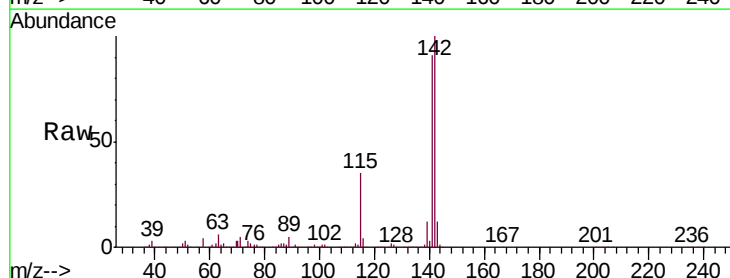
Tgt Ion:142 Resp: 1478936

Ion Ratio Lower Upper

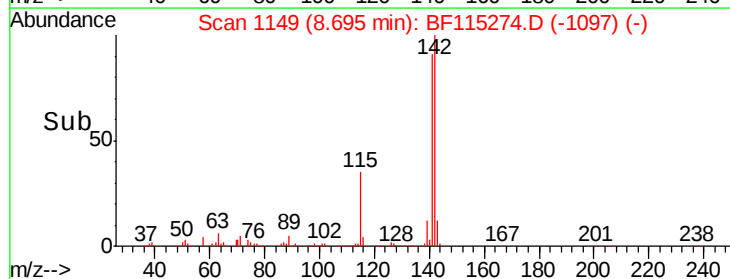
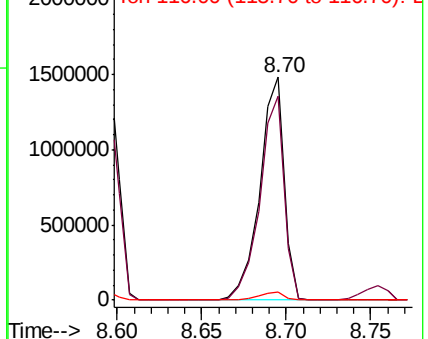
142 100

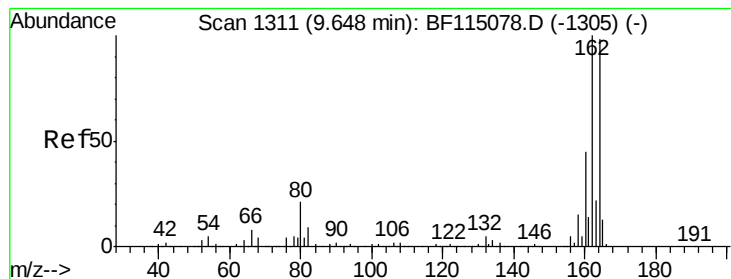
141 91.5 73.8 110.8

116 3.6 2.8 4.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

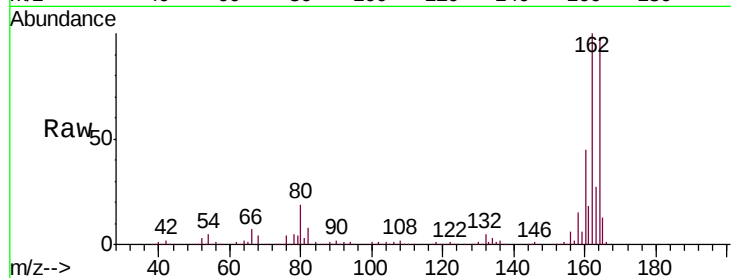
Tgt Ion:164 Resp: 507049

Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

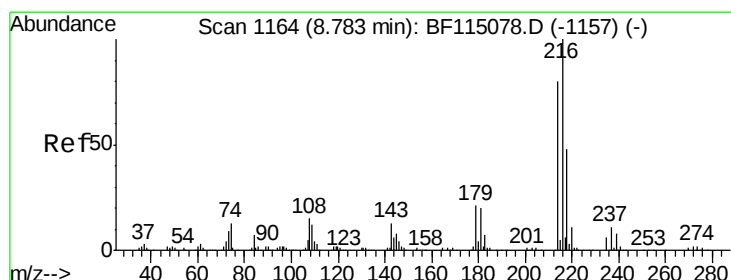
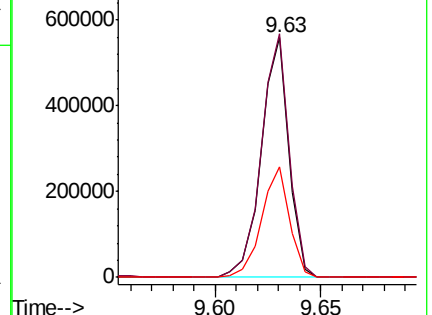
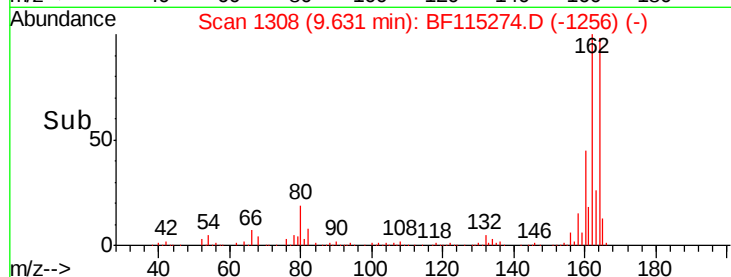
160 46.0 37.0 55.4



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: 45.737 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:216 Resp: 655332

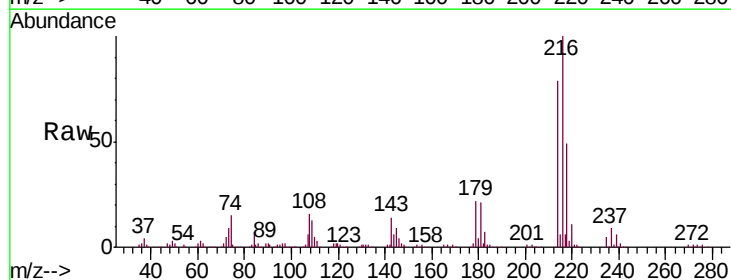
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.3 17.6 26.4

108 20.7 15.7 23.5

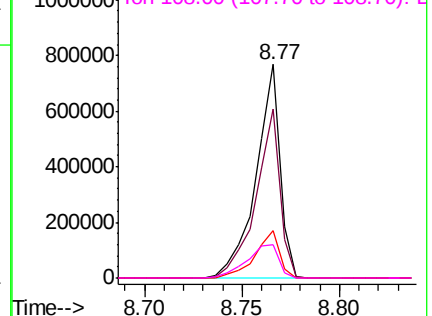
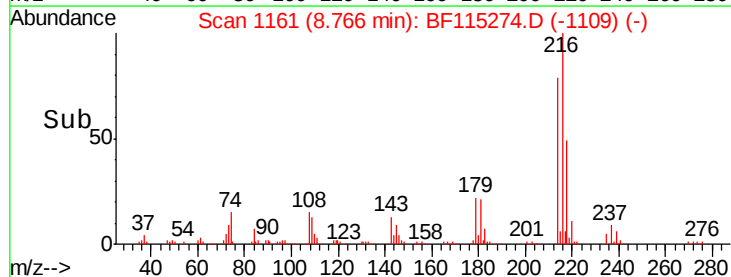


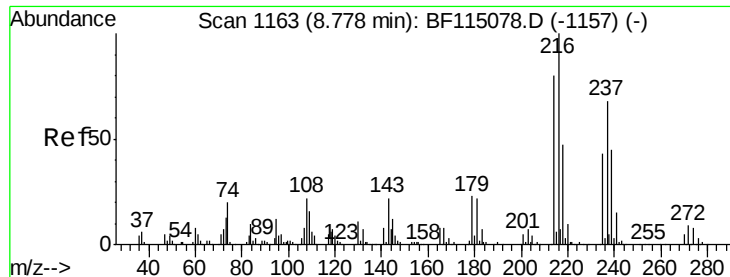
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.202 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

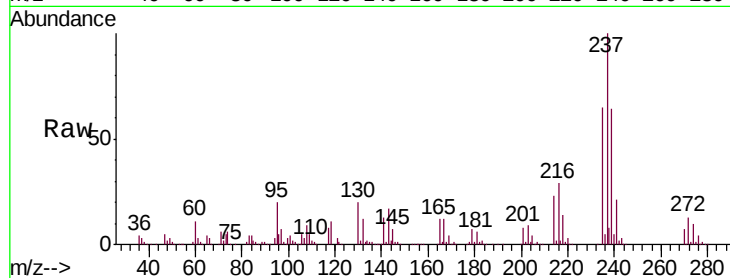
Tgt Ion: 237 Resp: 800357

Ion Ratio Lower Upper

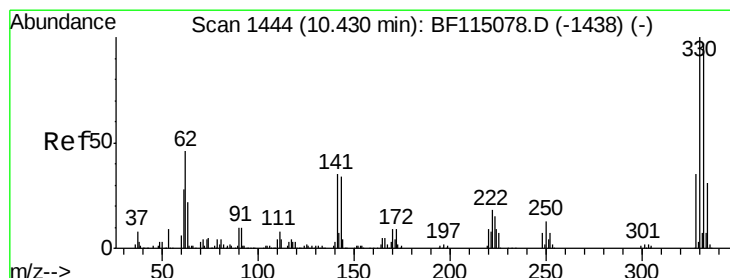
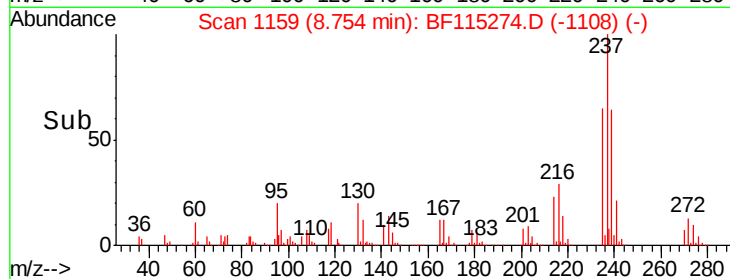
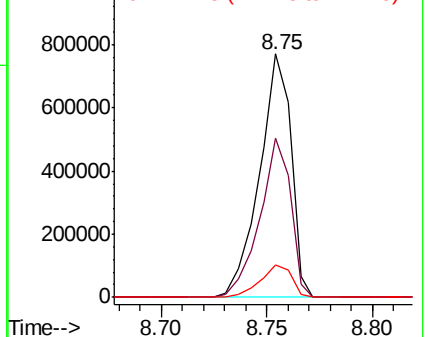
237 100

235 65.3 43.9 83.9

272 13.1 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: 133.038 ng

RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

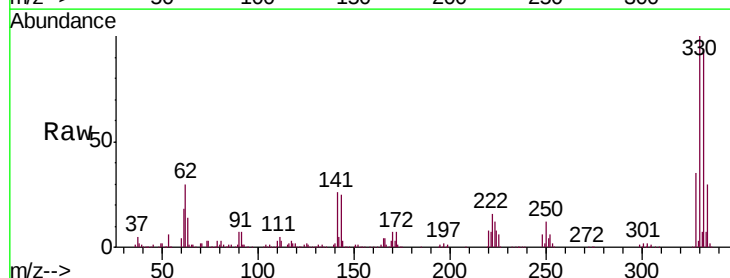
Tgt Ion: 330 Resp: 711357

Ion Ratio Lower Upper

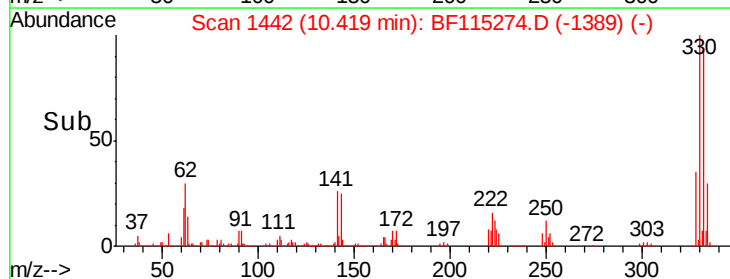
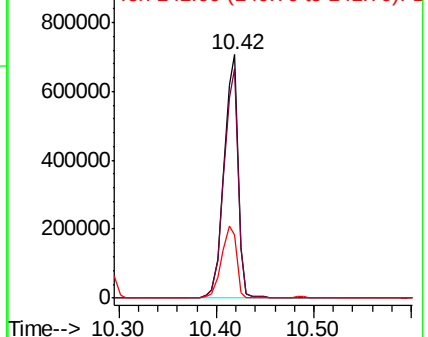
330 100

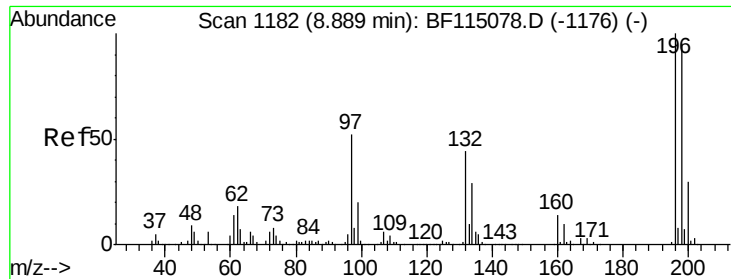
332 95.0 77.3 115.9

141 31.7 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

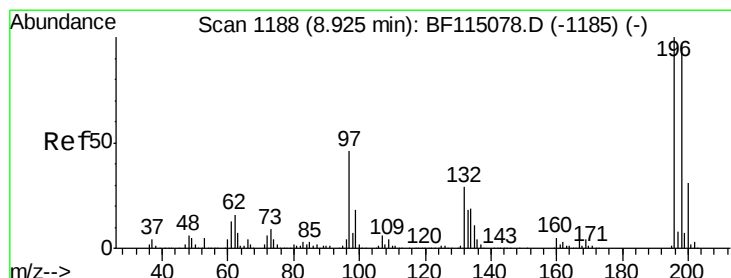
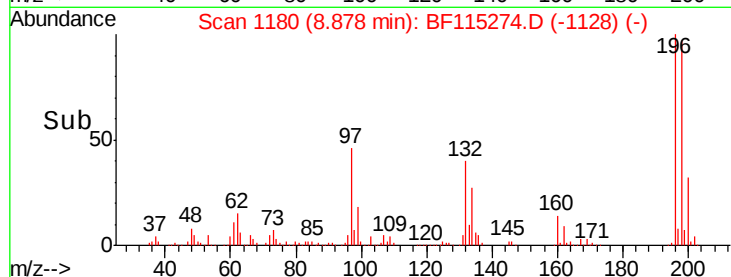
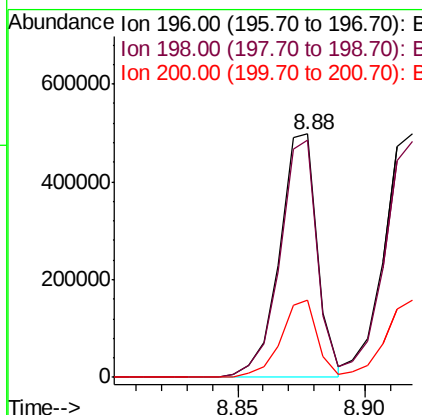
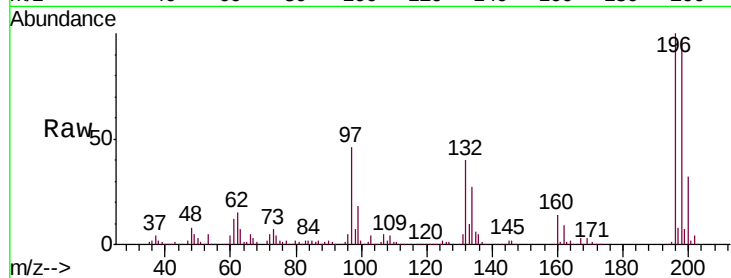




#43
 2,4,6-Trichlorophenol
 Concen: 47.110 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

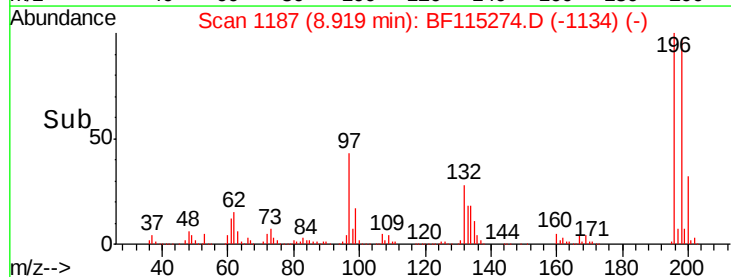
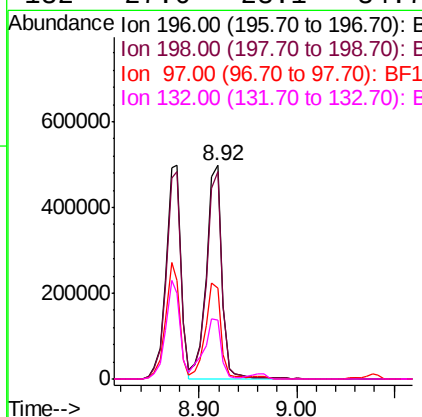
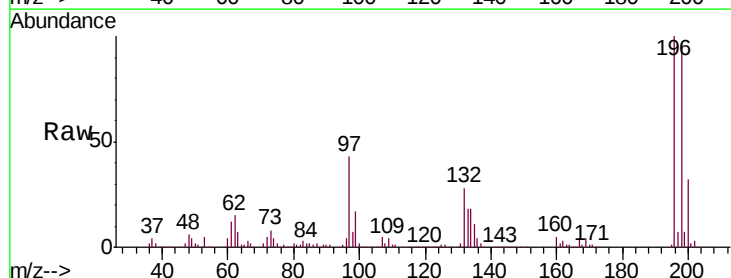
Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

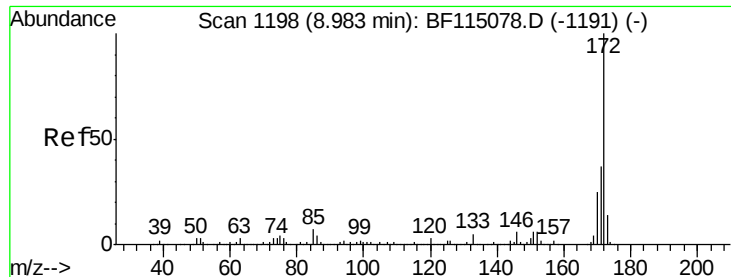
Tgt Ion:196 Resp: 521124
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 200 31.6 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 48.368 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:196 Resp: 550993
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.1 115.7
 97 42.7 37.7 56.5
 132 27.6 23.1 34.7

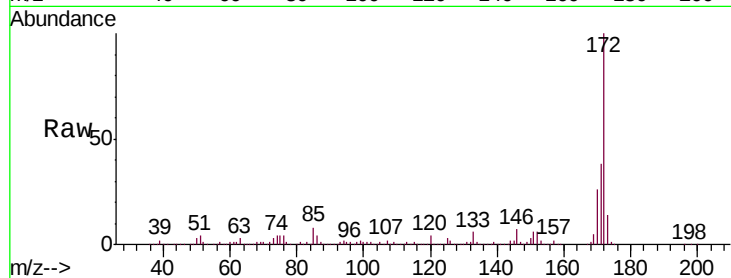




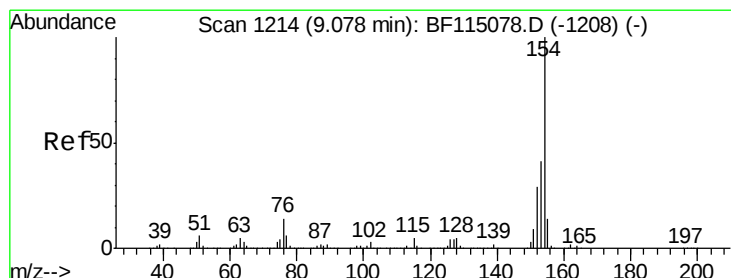
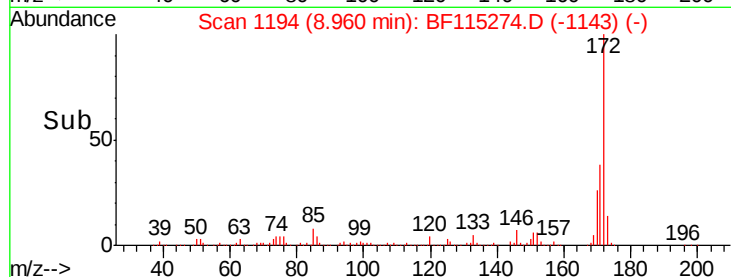
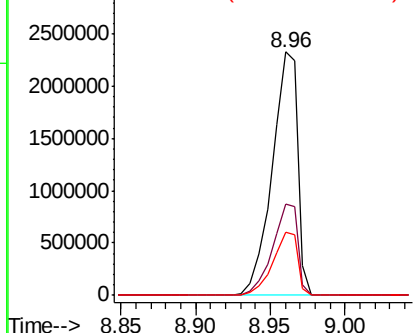
#45
 2-Fluorobiphenyl
 Concen: 92.827 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion:172 Resp: 2770939
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 25.8 20.3 30.5

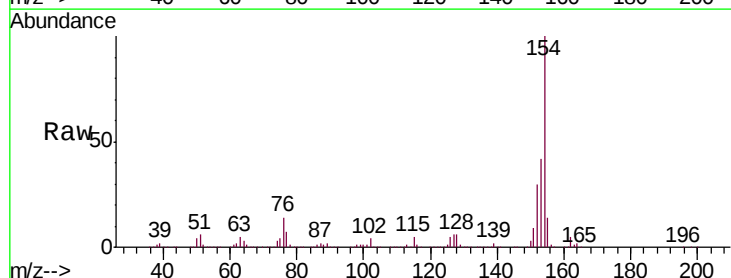


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

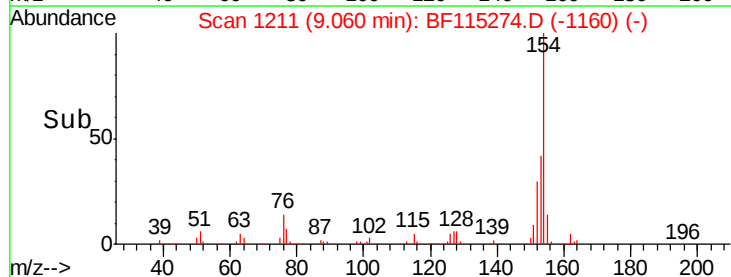
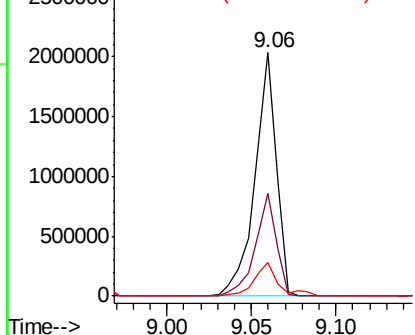


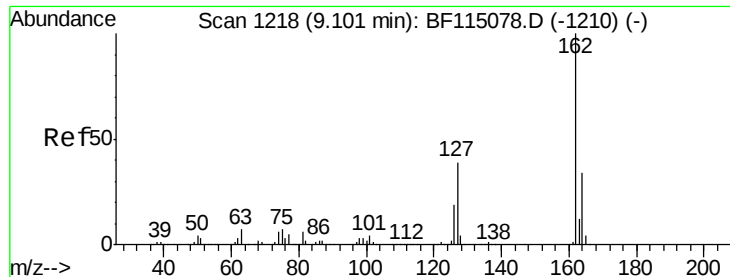
#46
 1,1'-Biphenyl
 Concen: 44.702 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:154 Resp: 1813599
 Ion Ratio Lower Upper
 154 100
 153 42.1 20.9 60.9
 76 13.7 0.0 34.1



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

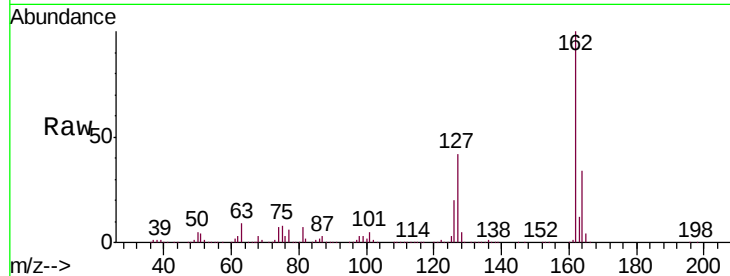




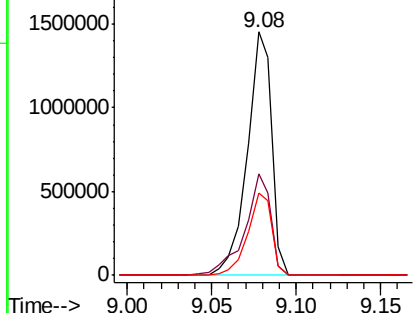
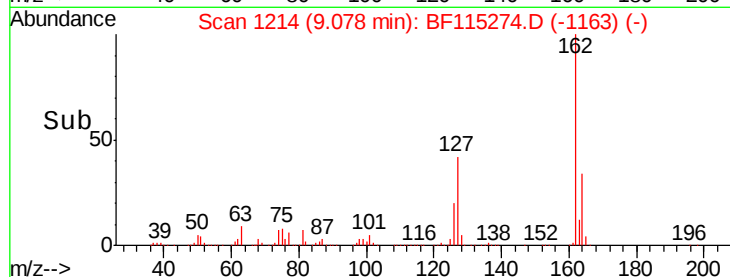
#47
2-Chloronaphthalene
Concen: 44.595 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tgt Ion: 162 Resp: 1467596
Ion Ratio Lower Upper
162 100
127 41.9 30.8 46.2
164 34.0 27.0 40.4

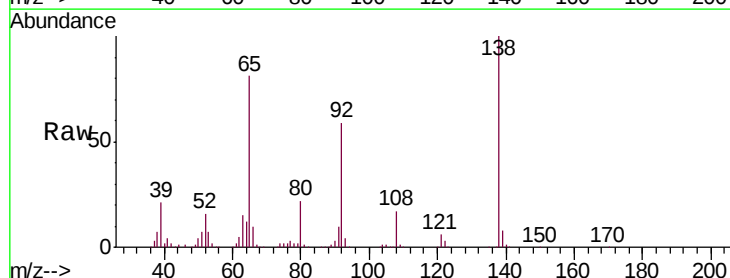


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

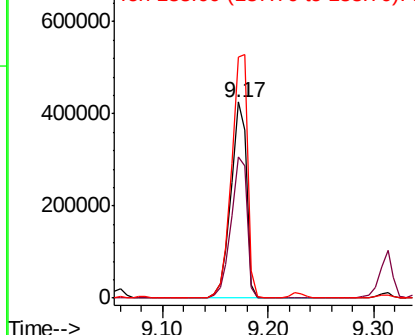
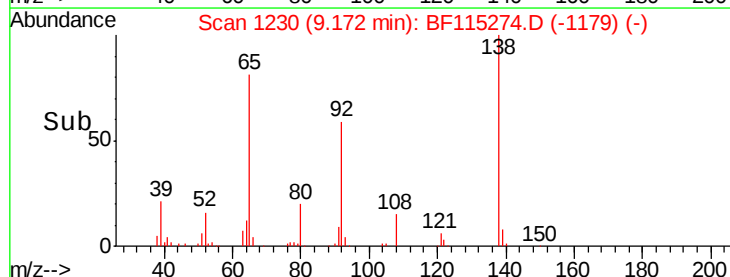


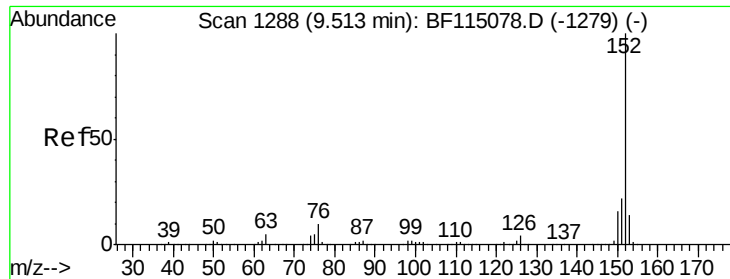
#48
2-Nitroaniline
Concen: 45.152 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion: 65 Resp: 433212
Ion Ratio Lower Upper
65 100
92 72.2 57.4 86.2
138 122.8 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: 44.486 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

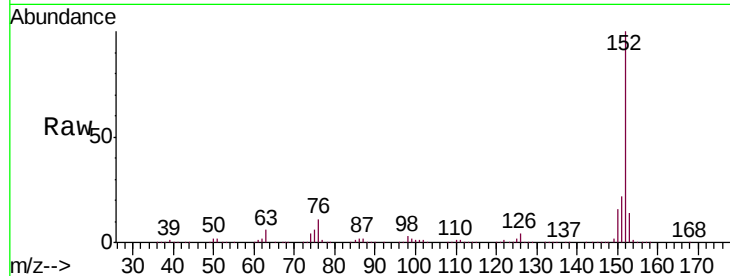
Tgt Ion:152 Resp: 2281001

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

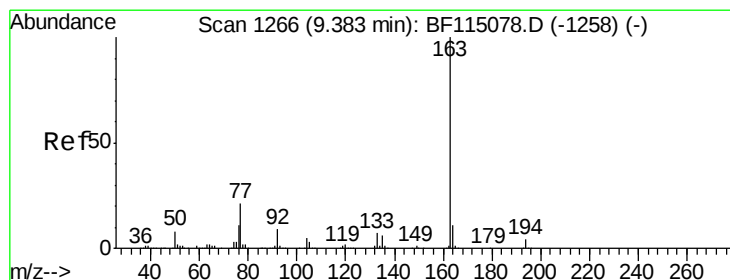
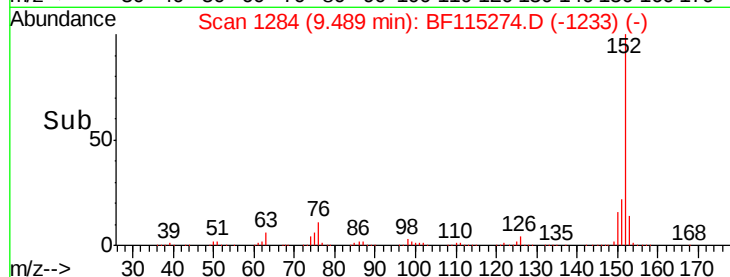
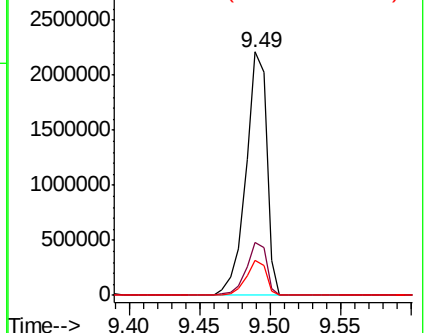
153 14.4 11.0 16.6



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: 45.606 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

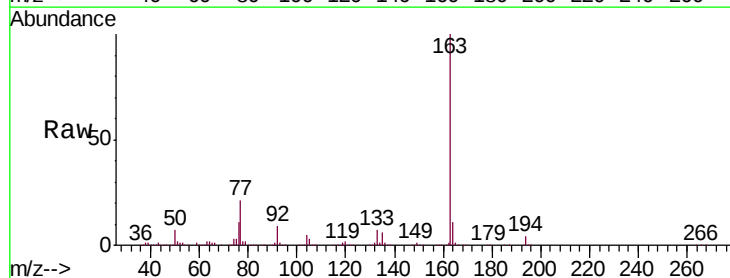
Tgt Ion:163 Resp: 1701302

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

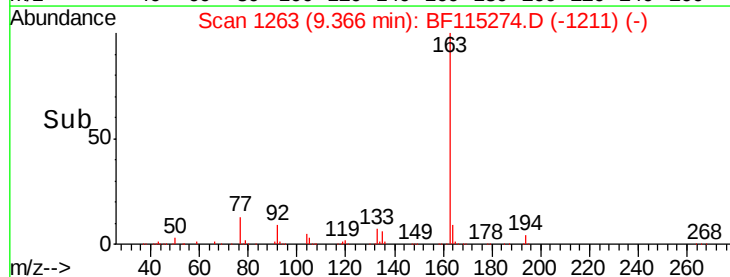
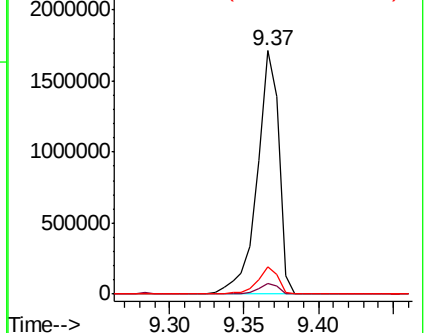
164 11.0 8.6 13.0

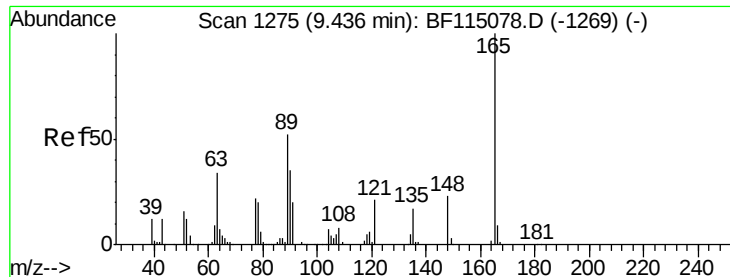


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.494 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

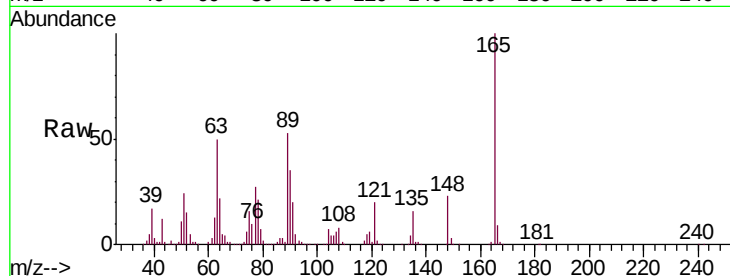
Tgt Ion:165 Resp: 409043

Ion Ratio Lower Upper

165 100

63 49.5 39.4 59.2

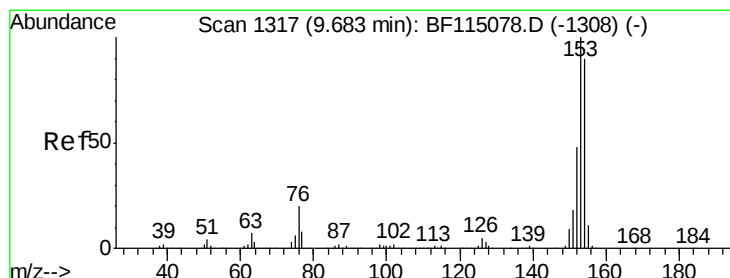
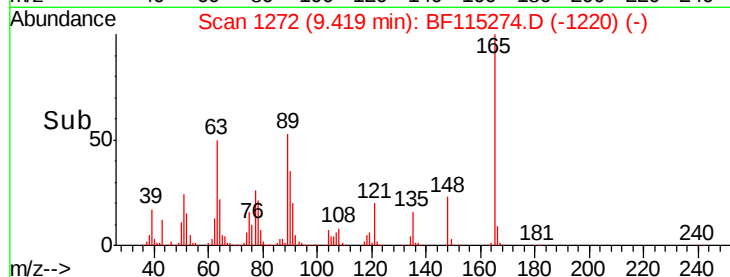
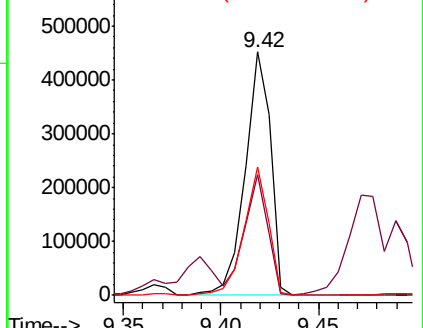
89 52.8 42.0 63.0



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: 41.482 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

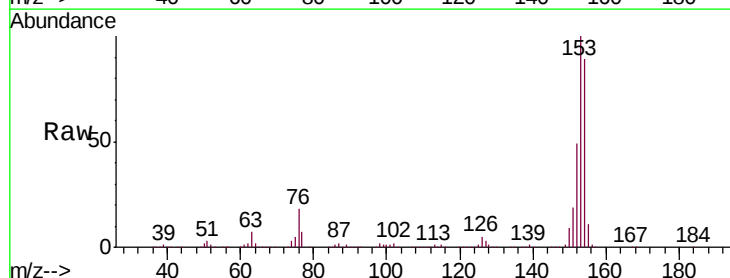
Tgt Ion:154 Resp: 1330931

Ion Ratio Lower Upper

154 100

153 112.1 88.7 133.1

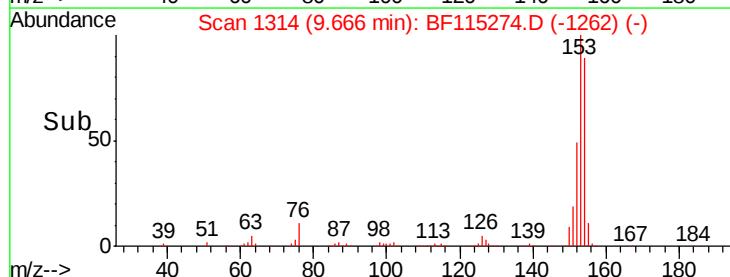
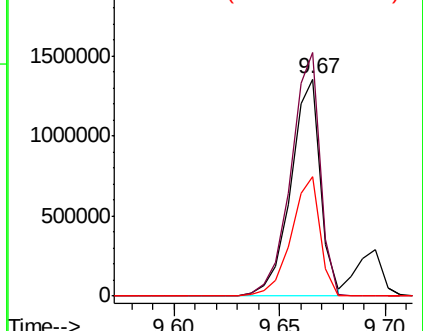
152 54.9 42.6 64.0

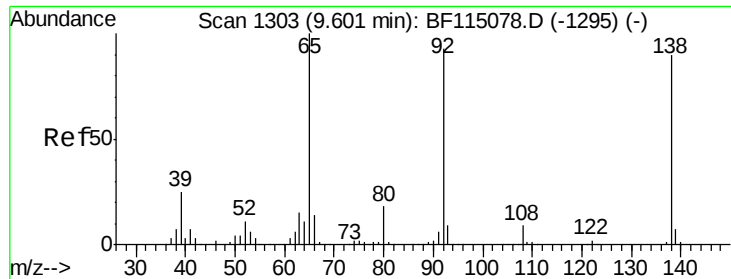


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

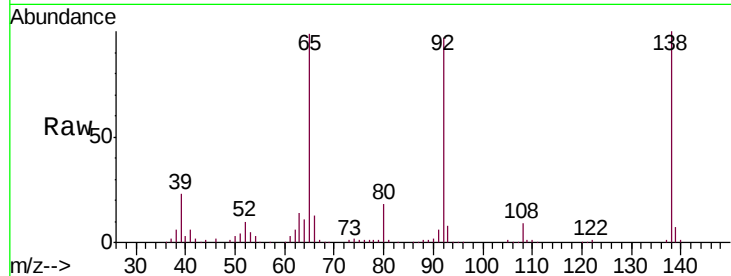




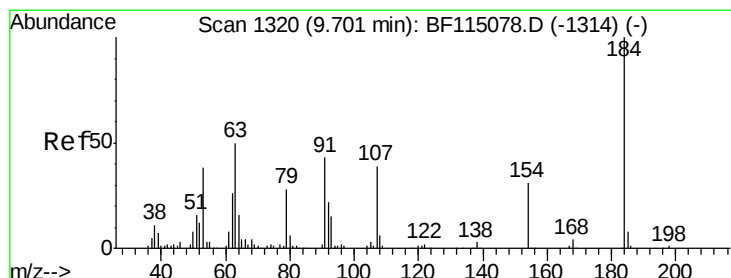
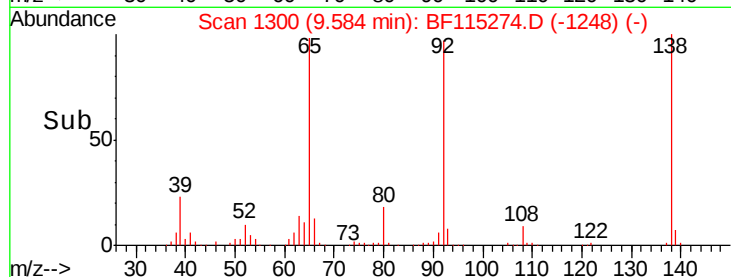
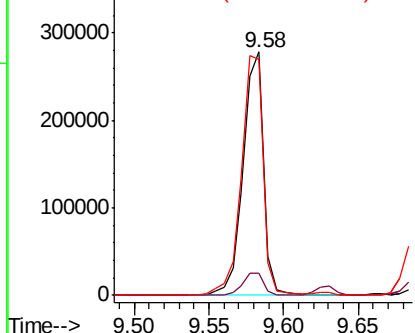
#53
3-Nitroaniline
Concen: 25.140 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tgt Ion:138 Resp: 264219
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.6
92 97.1 82.9 124.3

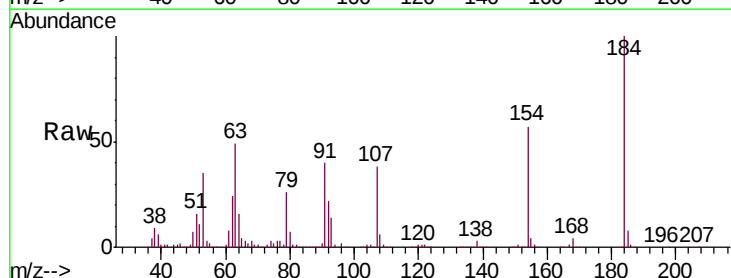


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

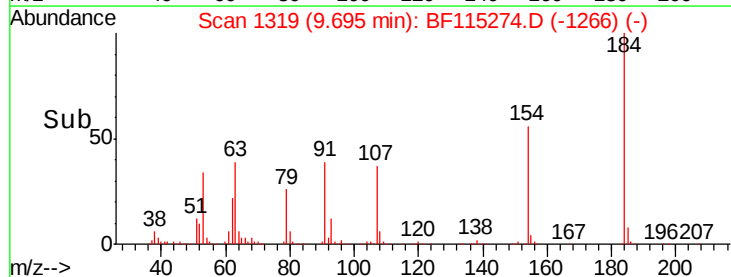
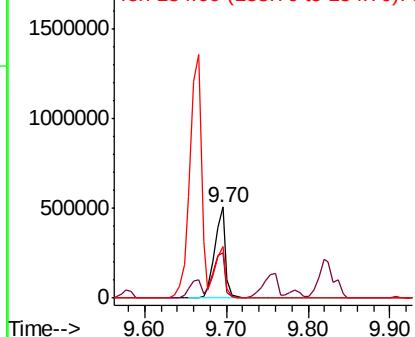


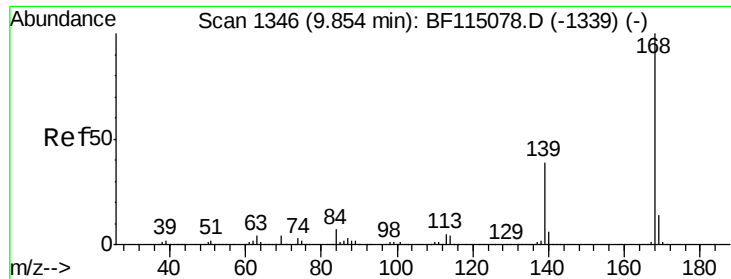
#54
2,4-Dinitrophenol
Concen: 103.505 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:184 Resp: 469234
Ion Ratio Lower Upper
184 100
63 49.2 41.9 62.9
154 56.5 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

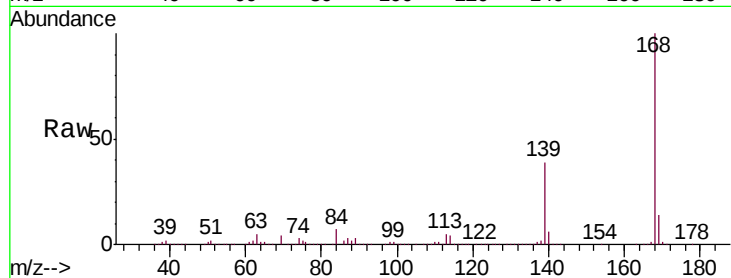




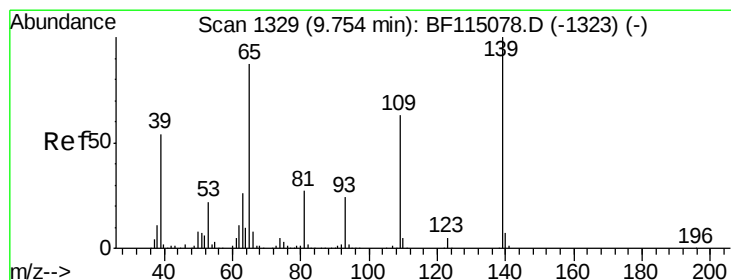
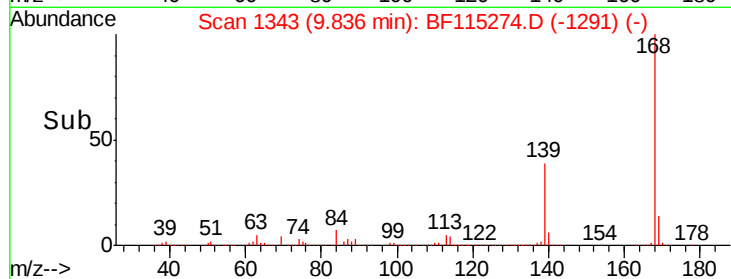
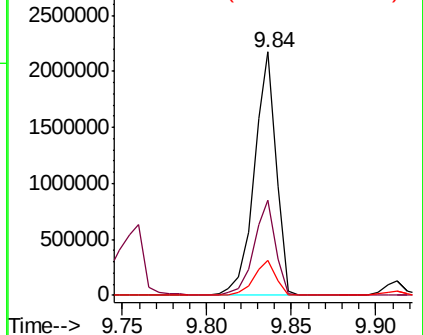
#55
Dibenzofuran
Concen: 42.673 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tgt Ion:168 Resp: 1965118
Ion Ratio Lower Upper
168 100
139 39.0 31.1 46.7
169 14.5 11.3 16.9

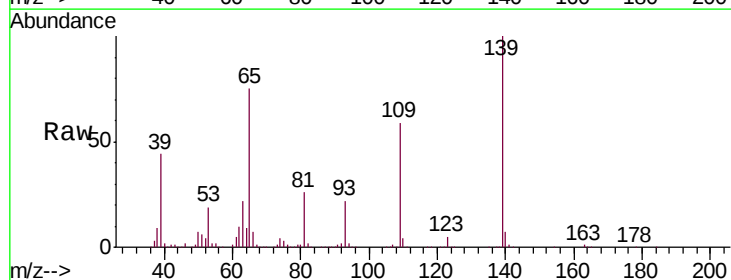


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

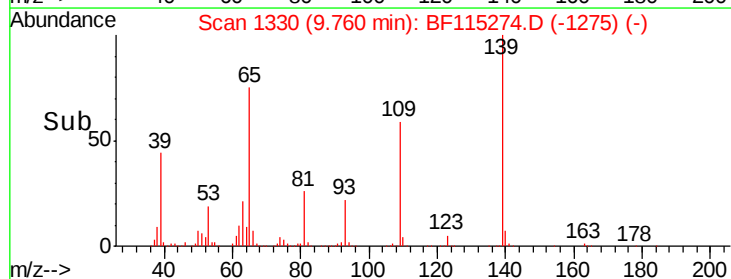
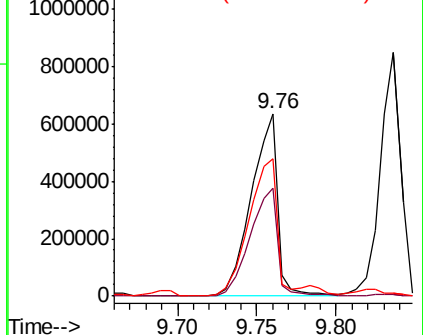


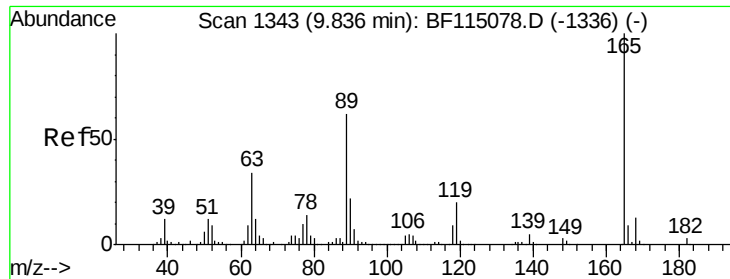
#56
4-Nitrophenol
Concen: 87.401 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:139 Resp: 736433
Ion Ratio Lower Upper
139 100
109 59.4 43.0 83.0
65 75.1 67.0 107.0



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

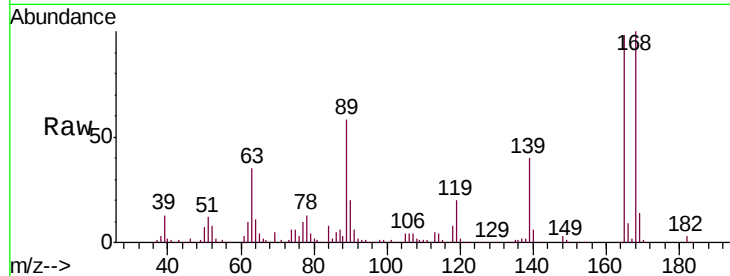




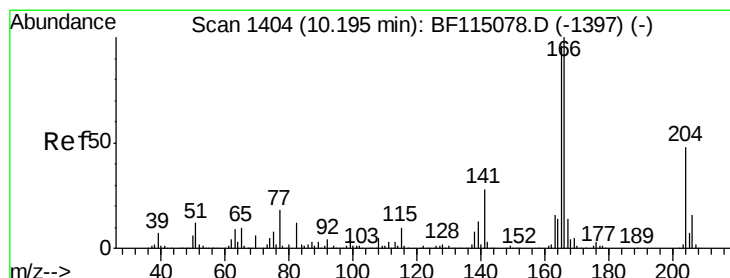
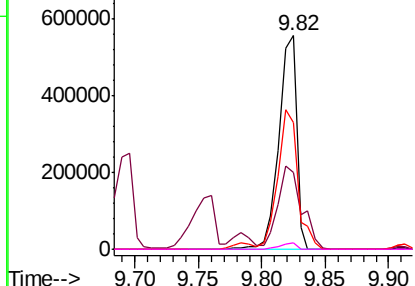
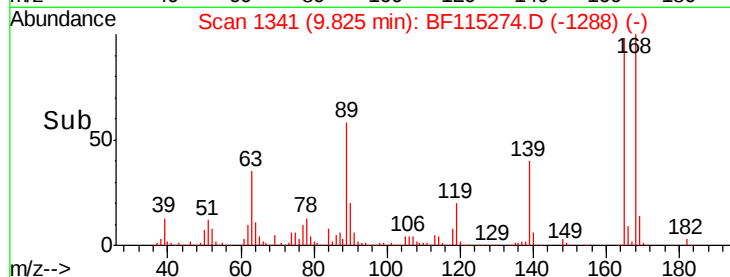
#57
2,4-Dinitrotoluene
Concen: 48.382 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tgt Ion:	165	Resp:	538032
Ion	Ratio	Lower	Upper
165	100		
63	35.8	27.5	41.3
89	59.5	49.9	74.9
182	2.8	2.1	3.1

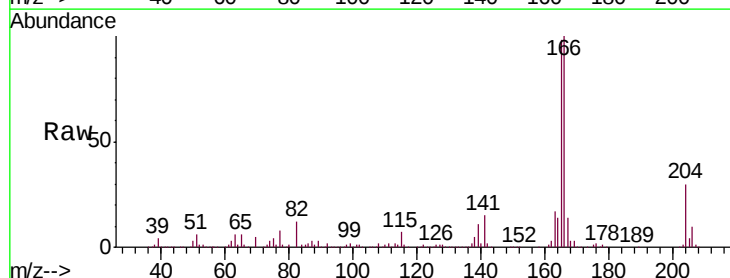


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

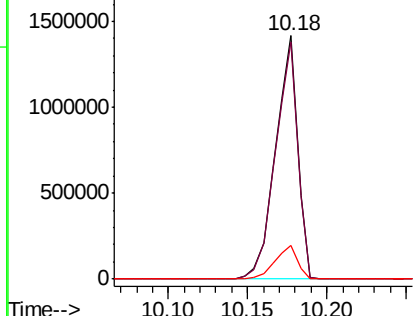
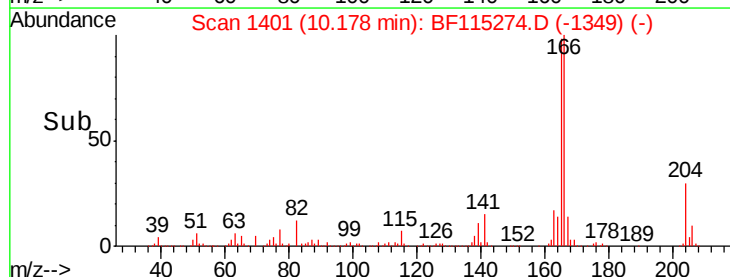


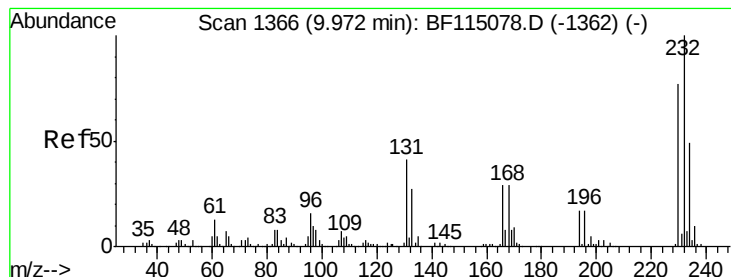
#58
Fluorene
Concen: 45.029 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:	166	Resp:	1380461
Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.5	114.7
167	13.9	11.0	16.4



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

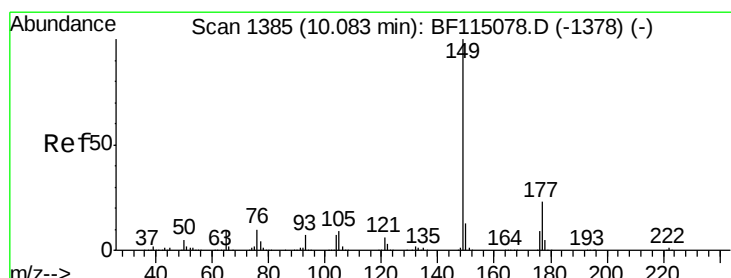
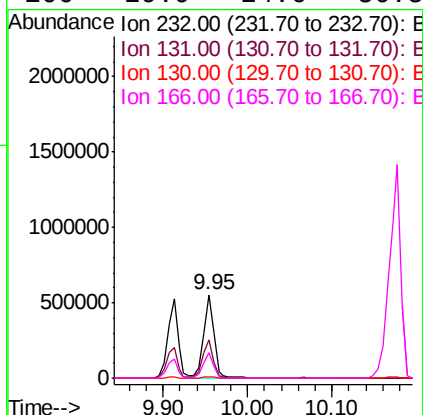
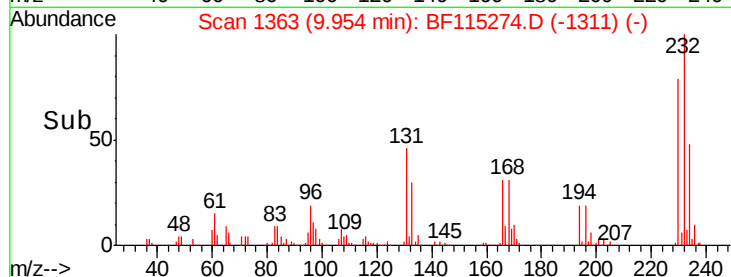
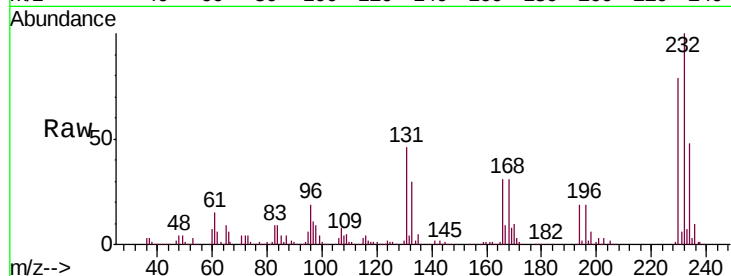




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.656 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

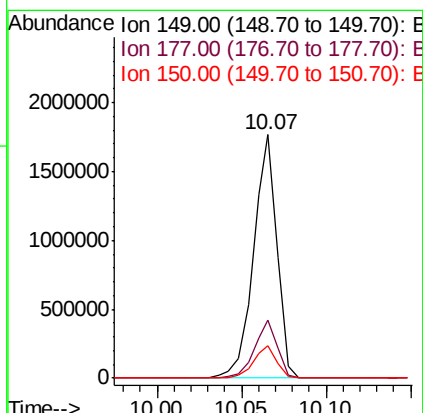
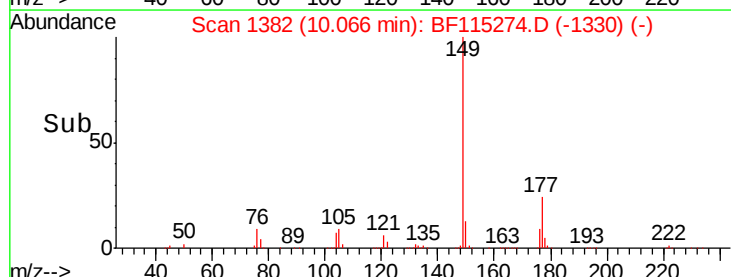
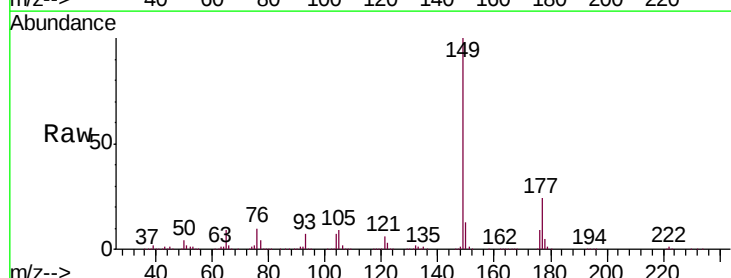
Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

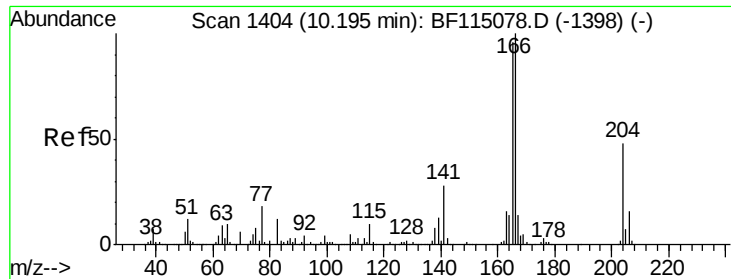
Tgt Ion: 232 Resp: 474328
 Ion Ratio Lower Upper
 232 100
 131 44.8 37.4 56.0
 130 2.1 1.8 2.6
 166 29.9 24.6 36.8



#60
 Diethylphthalate
 Concen: 45.284 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion: 149 Resp: 1698102
 Ion Ratio Lower Upper
 149 100
 177 23.7 18.7 28.1
 150 13.3 10.4 15.6

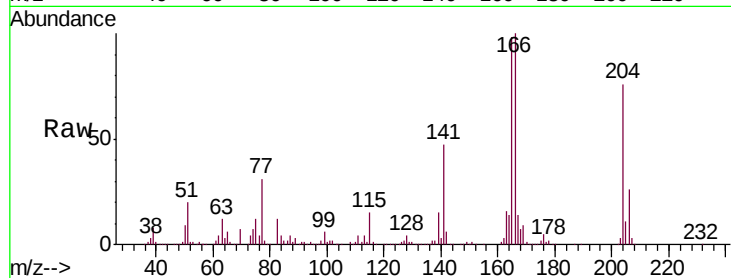




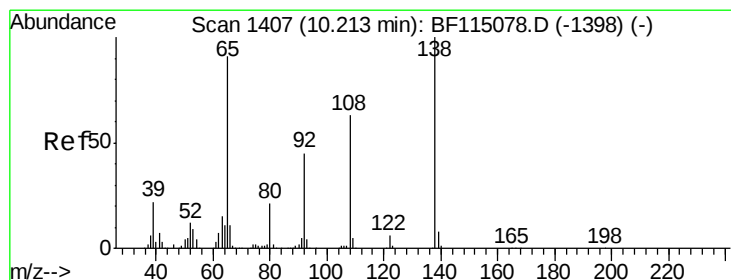
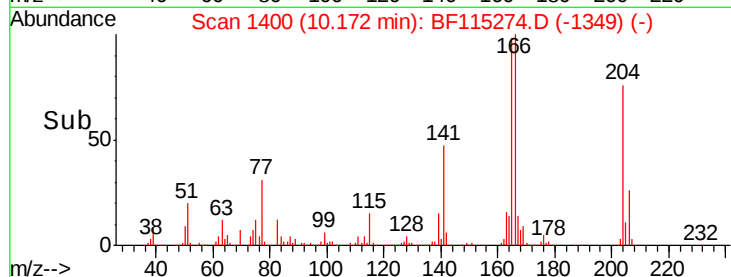
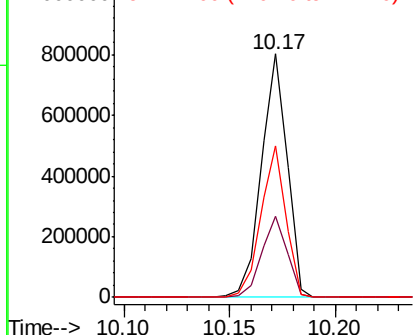
#61
4-Chlorophenyl-phenylether
Concen: 47.003 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tgt Ion:204 Resp: 680425
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 62.1 46.7 70.1

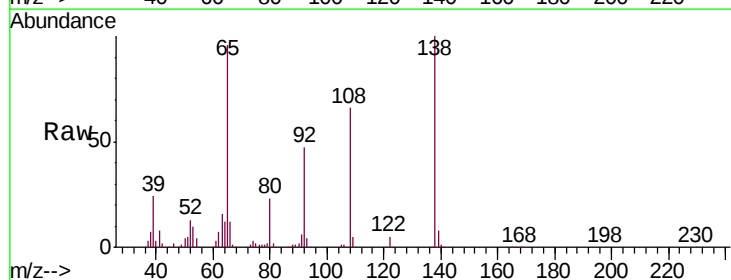


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

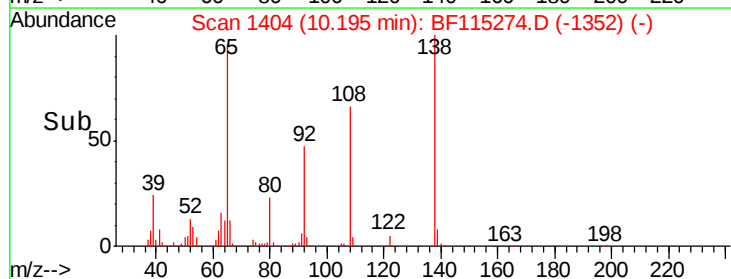
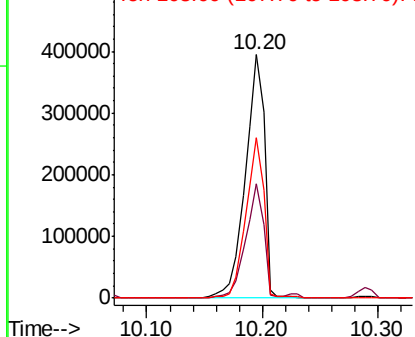


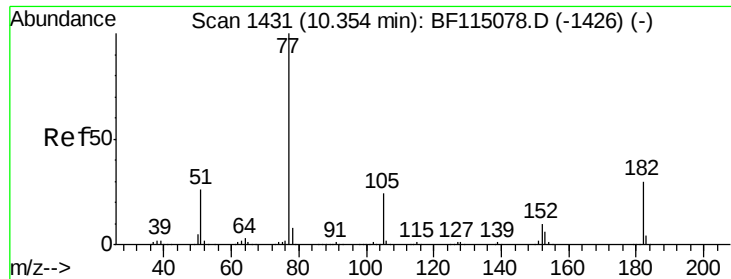
#62
4-Nitroaniline
Concen: 42.861 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:138 Resp: 451912
Ion Ratio Lower Upper
138 100
92 47.1 24.8 64.8
108 65.8 43.3 83.3



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

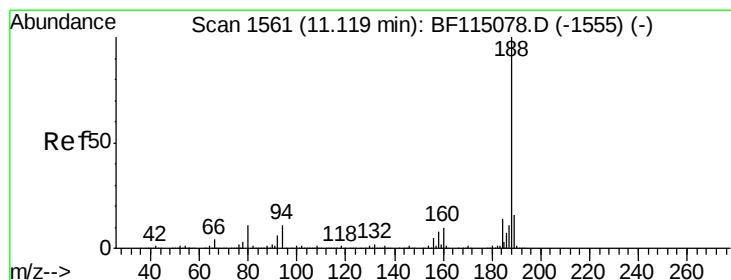
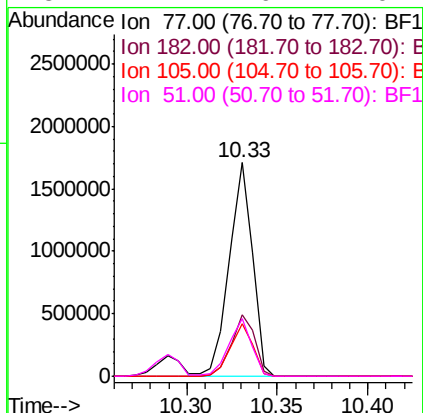
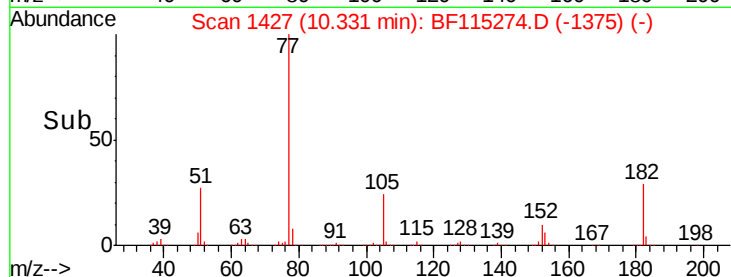
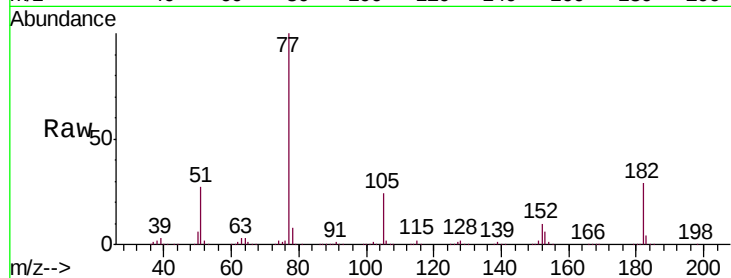




#63
Azobenzene
Concen: 43.658 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

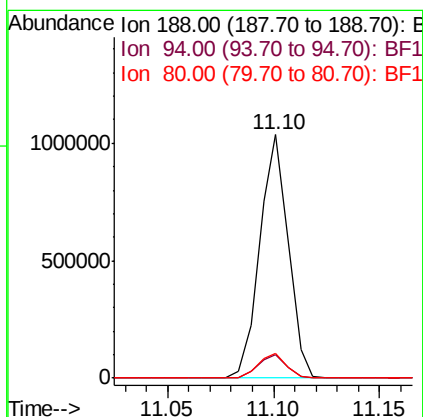
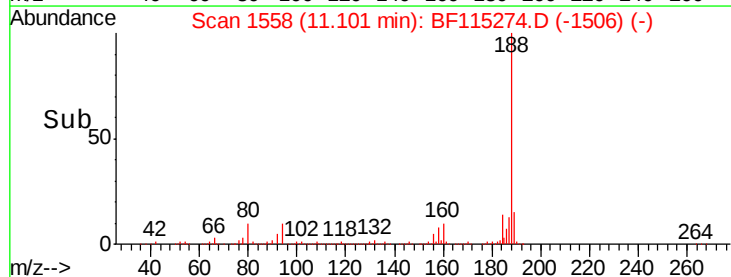
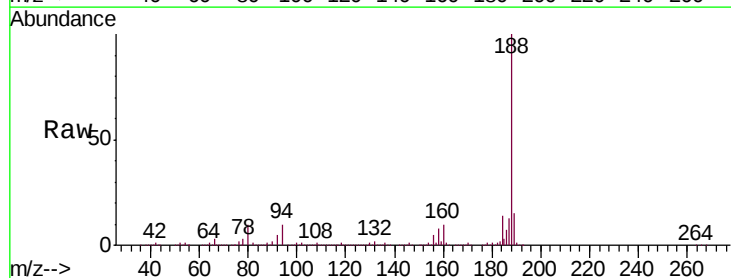
Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tgt Ion: 77 Resp: 1529146
Ion Ratio Lower Upper
77 100
182 28.9 10.1 50.1
105 24.5 4.5 44.5
51 27.2 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion: 188 Resp: 973159
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 9.9 8.8 13.2

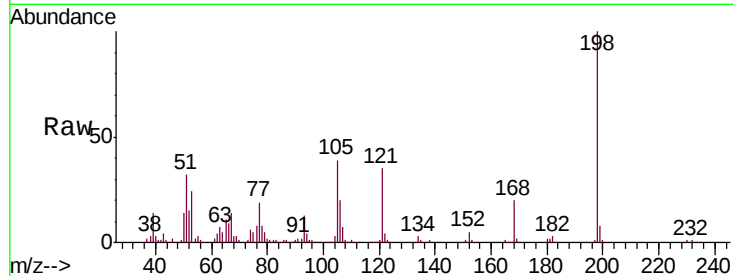




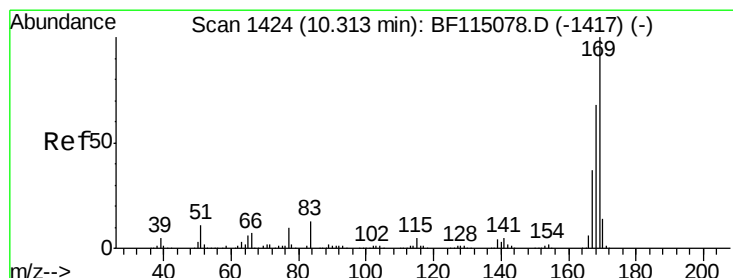
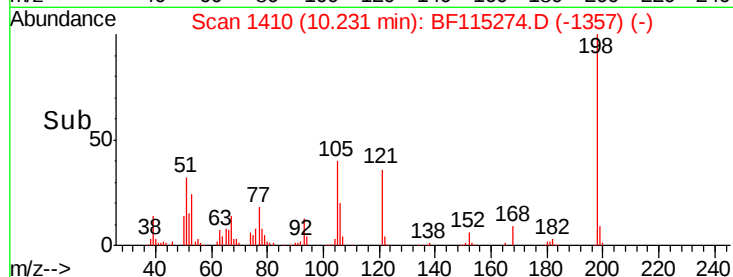
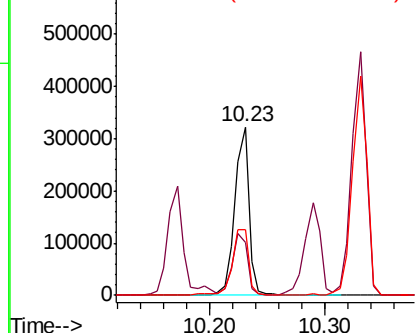
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.013 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion:198 Resp: 277493
 Ion Ratio Lower Upper
 198 100
 51 31.7 11.0 51.0
 105 38.8 17.3 57.3

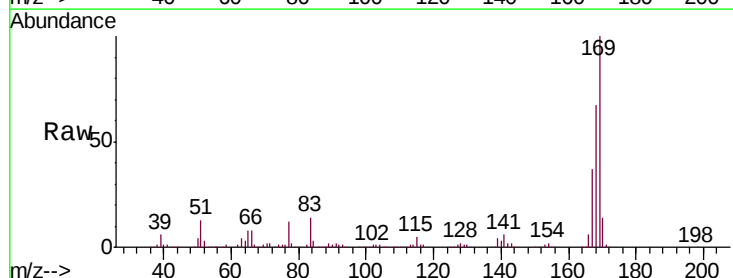


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

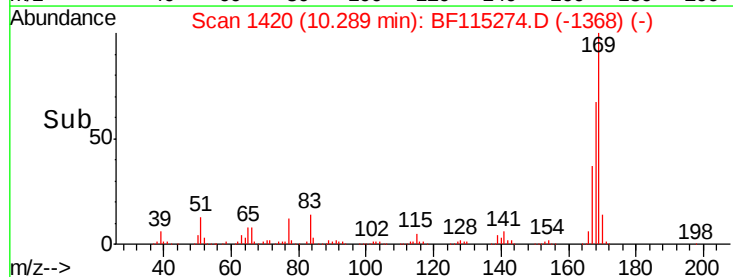
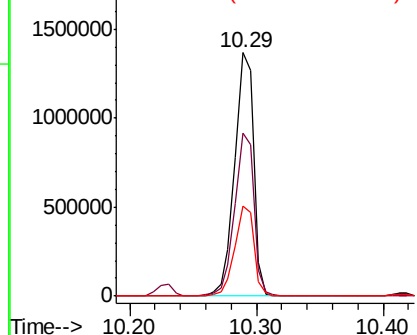


#66
 n-Nitrosodiphenylamine
 Concen: 46.333 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:169 Resp: 1404762
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.2 81.4
 167 37.2 29.4 44.0



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

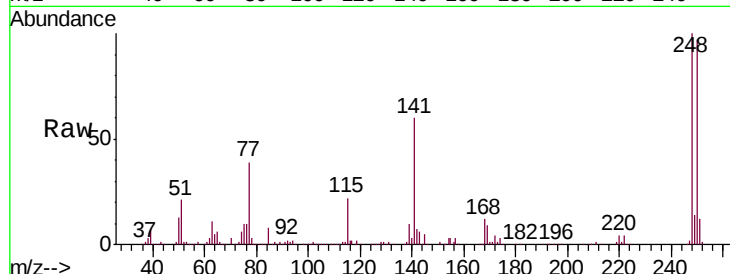




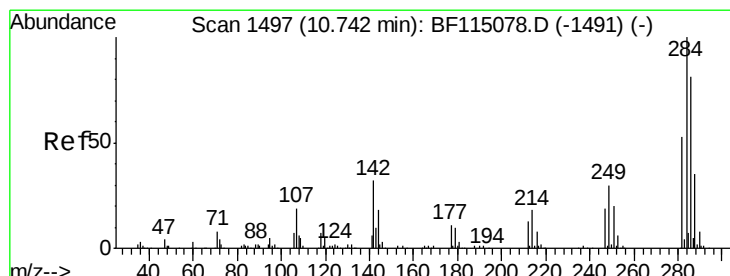
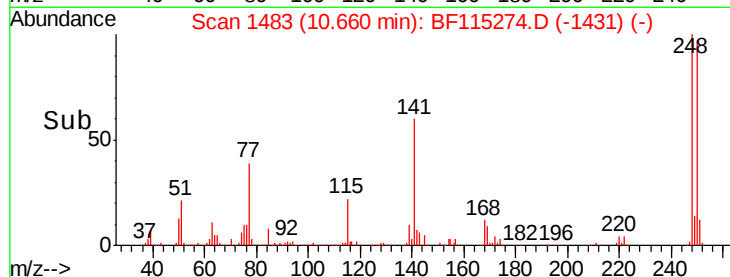
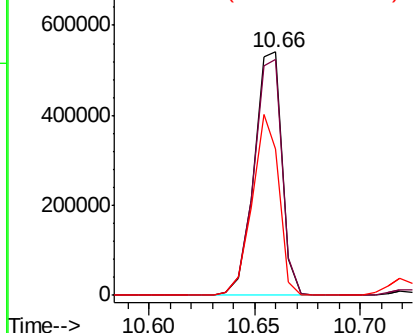
#67
 4-Bromophenyl-phenylether
 Concen: 47.343 ng
 RT: 10.66 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion:248 Resp: 499519
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.2 114.2
 141 60.2 59.6 89.4

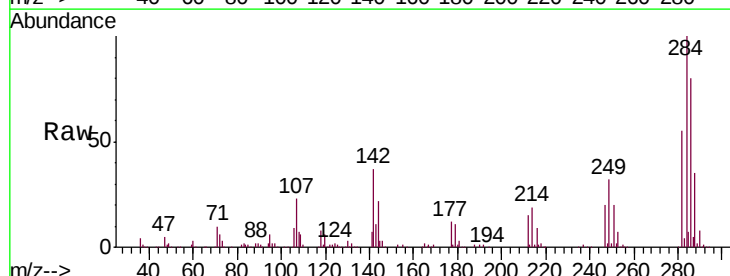


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

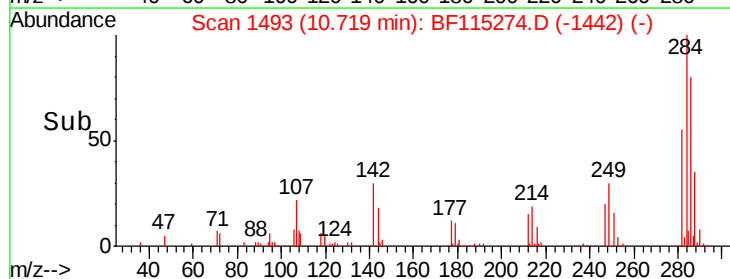
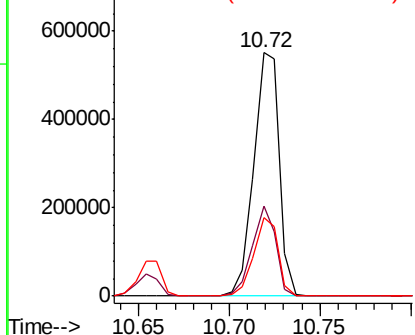


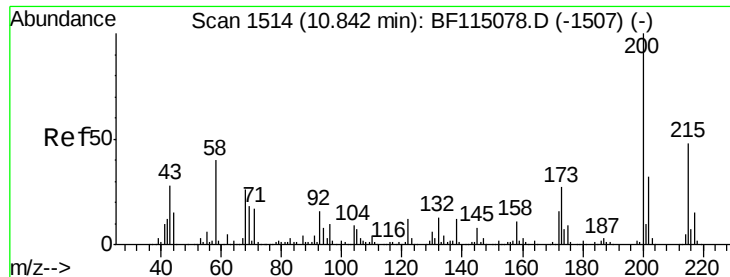
#68
 Hexachlorobenzene
 Concen: 47.041 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:284 Resp: 538740
 Ion Ratio Lower Upper
 284 100
 142 37.0 25.8 38.8
 249 32.5 24.2 36.4



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

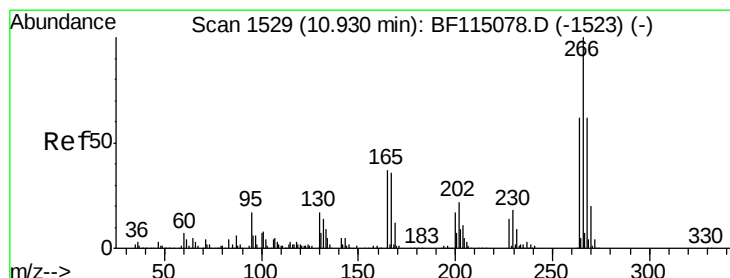
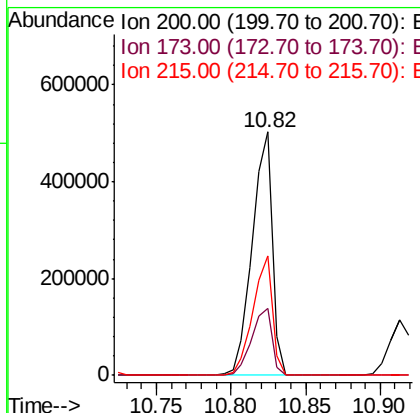
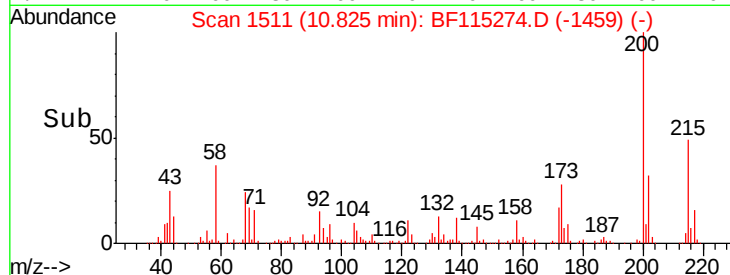
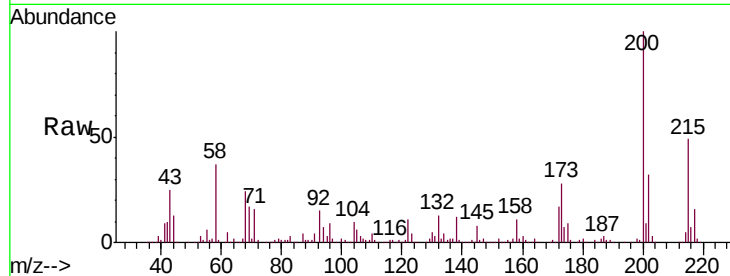




#69
 Atrazine
 Concen: 47.784 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

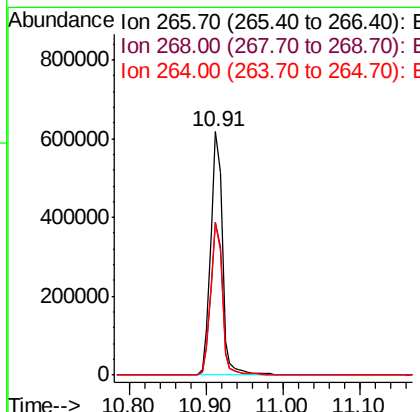
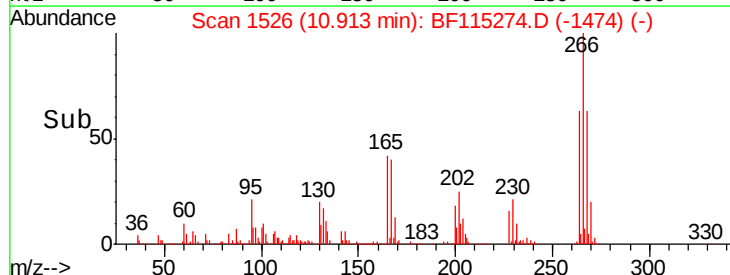
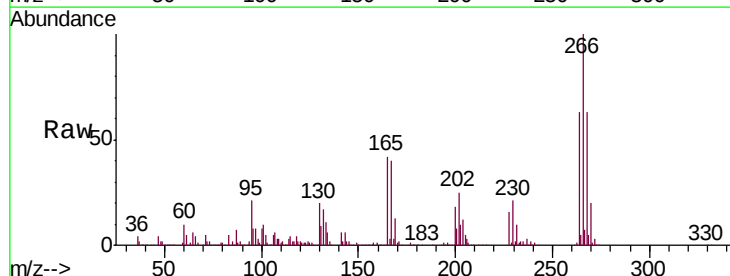
Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

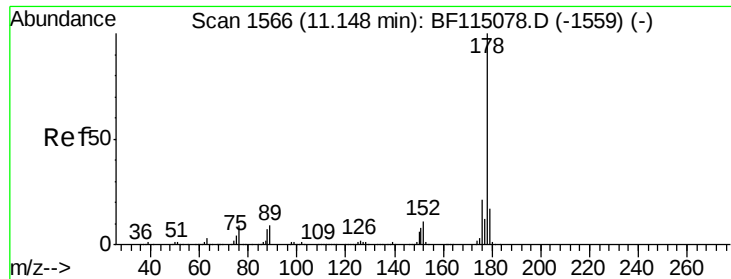
Tgt Ion:200 Resp: 466031
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 48.9 27.8 67.8



#70
 Pentachlorophenol
 Concen: 89.144 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:266 Resp: 650402
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.5 74.3
 264 62.7 49.3 73.9

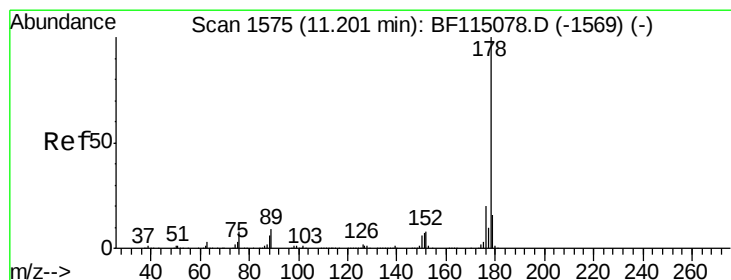
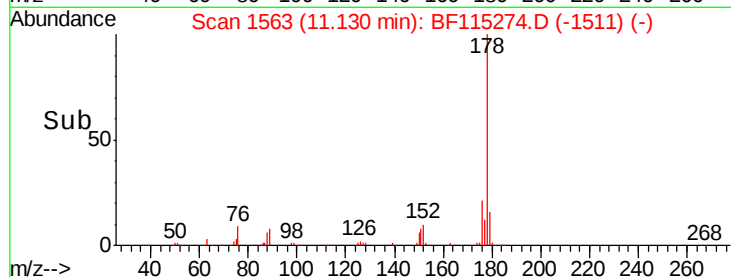
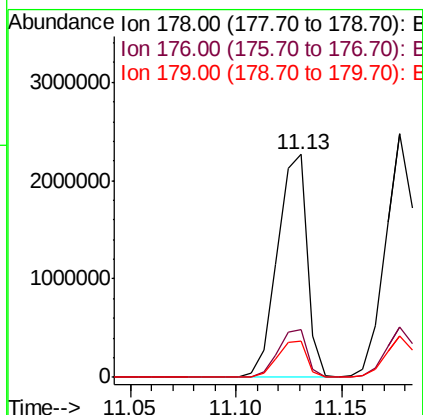
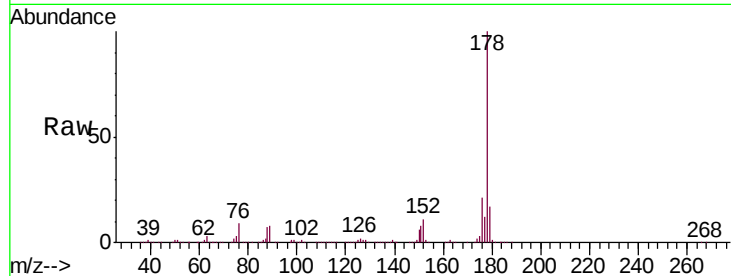




#71
Phenanthrene
Concen: 42.527 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

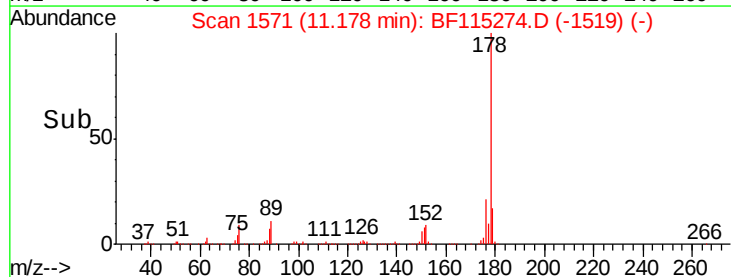
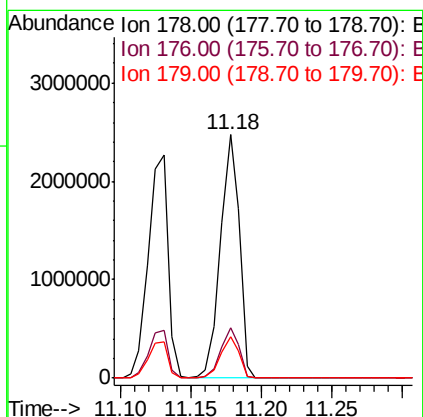
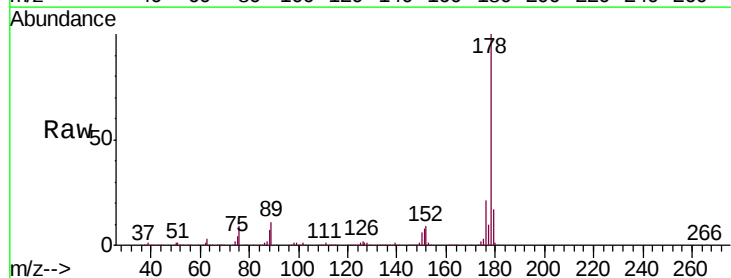
Instrument :
BNA_F
ClientSampleId :
PB120979BS

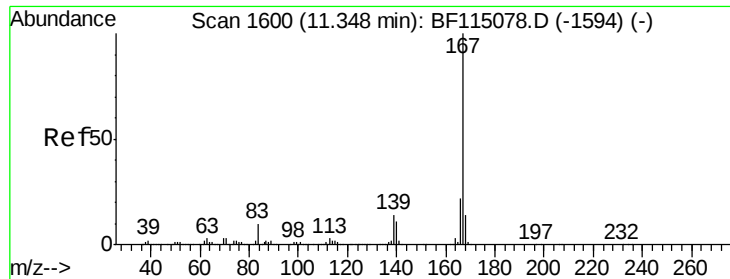
Tgt Ion:178 Resp: 2228259
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.5 13.2 19.8



#72
Anthracene
Concen: 43.523 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:178 Resp: 2301969
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 16.9 12.9 19.3





#73

Carbazole

Concen: 44.335 ng

RT: 11.33 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

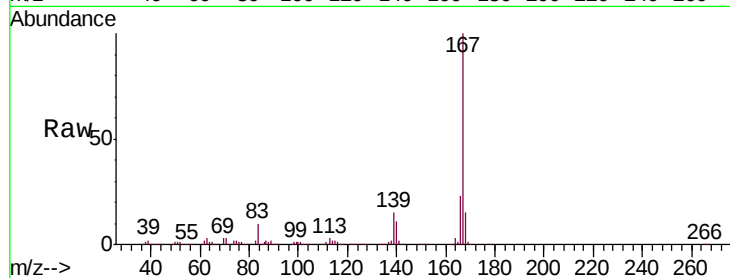
Tgt Ion:167 Resp: 2093926

Ion Ratio Lower Upper

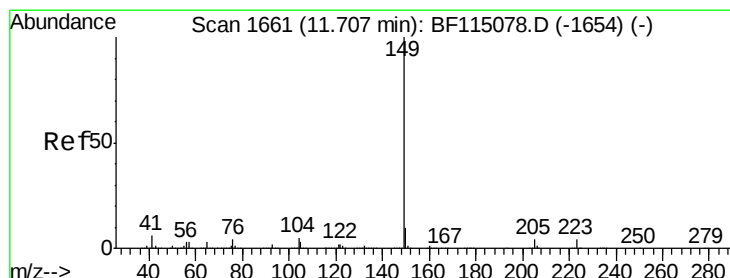
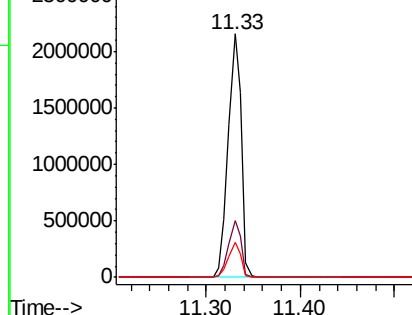
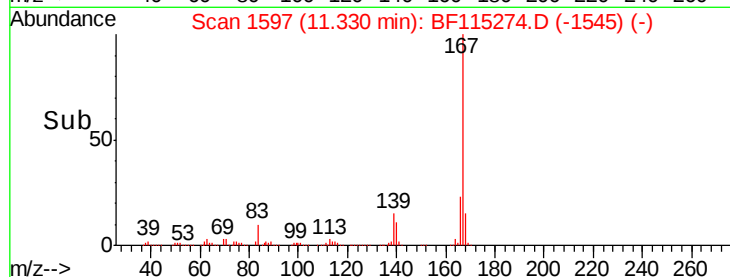
167 100

166 23.3 18.0 27.0

139 14.6 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 45.915 ng

RT: 11.68 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

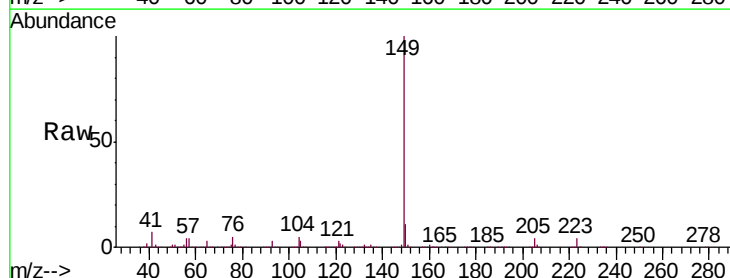
Tgt Ion:149 Resp: 2505870

Ion Ratio Lower Upper

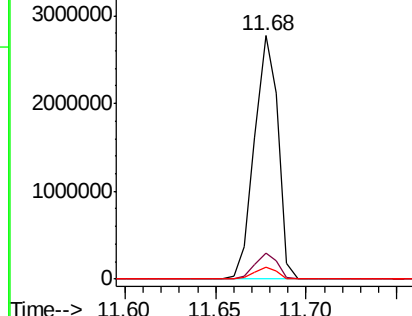
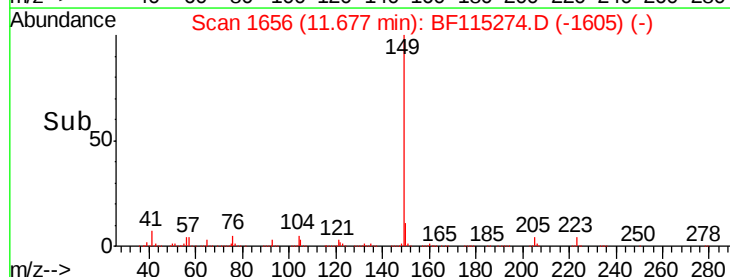
149 100

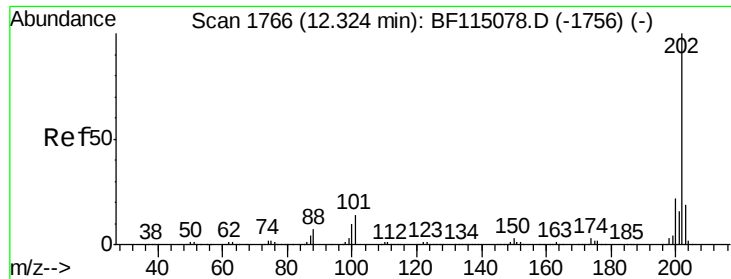
150 10.7 7.8 11.8

104 5.1 3.7 5.5



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

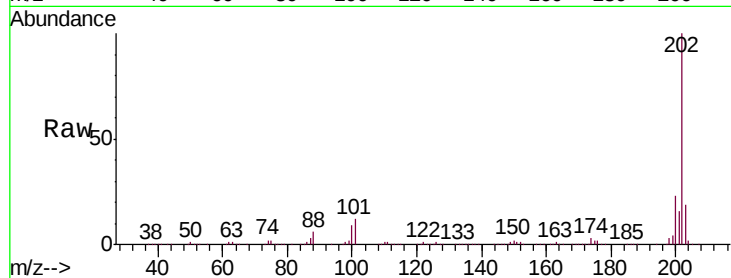




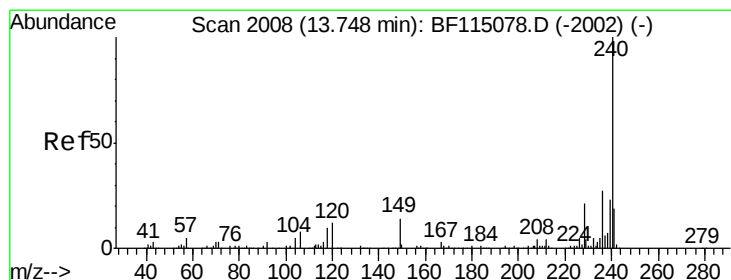
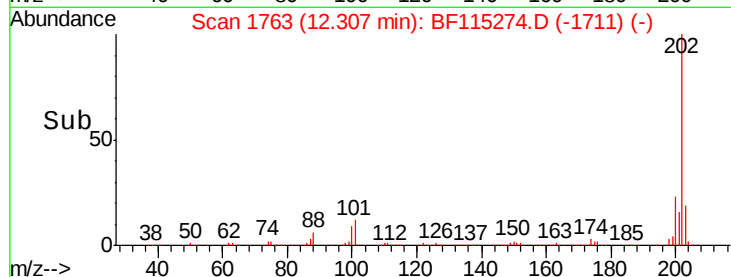
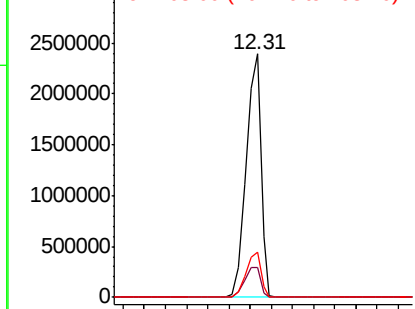
#75
 Fluoranthene
 Concen: 44.110 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tgt Ion: 202 Resp: 2305982
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 34.0
 203 18.8 0.0 38.8

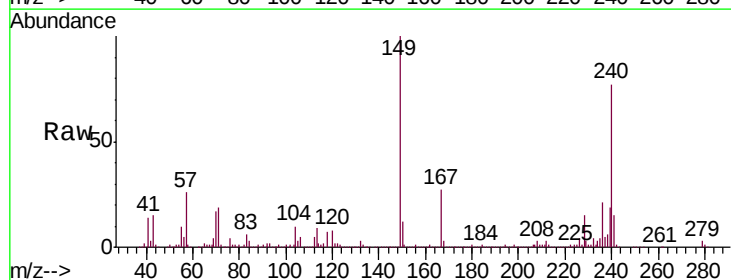


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

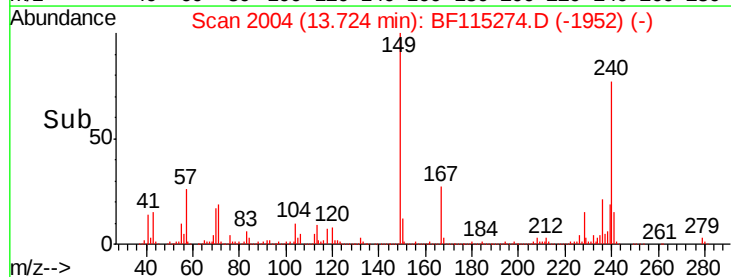
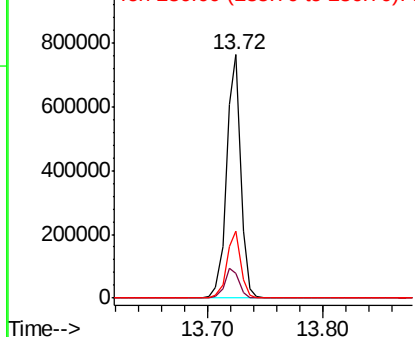


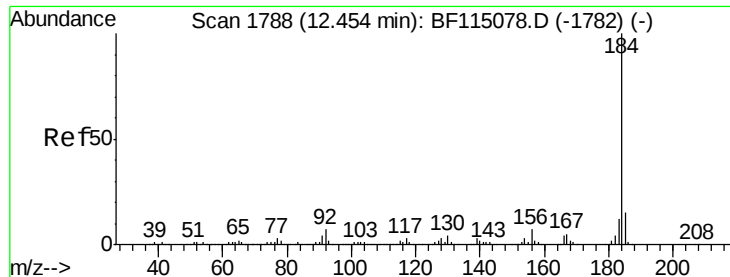
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion: 240 Resp: 642921
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.4 14.2
 236 27.5 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: 28.396 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

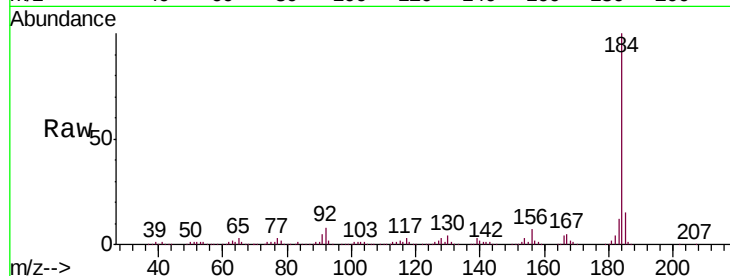
Tgt Ion:184 Resp: 810660

Ion Ratio Lower Upper

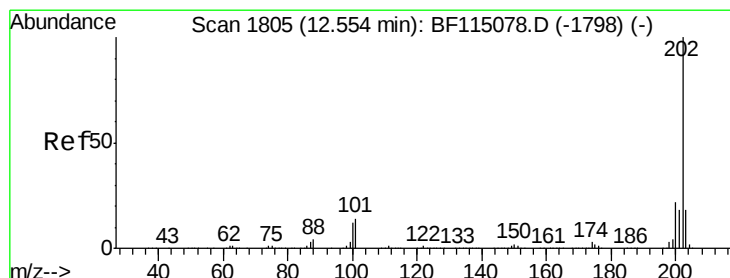
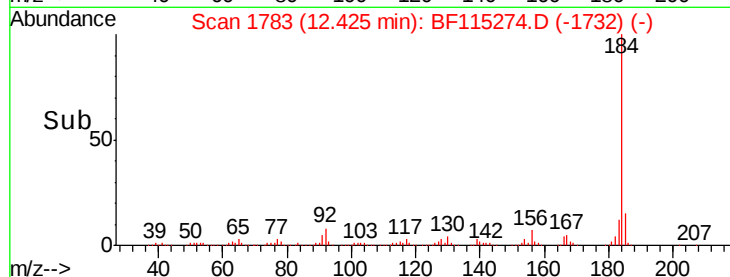
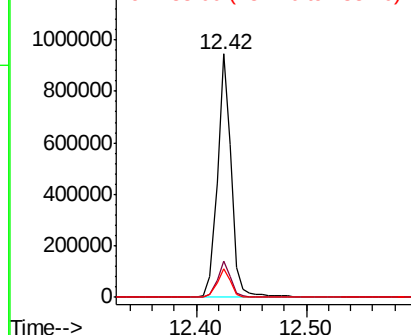
184 100

185 14.7 12.2 18.2

183 11.9 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: 48.080 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

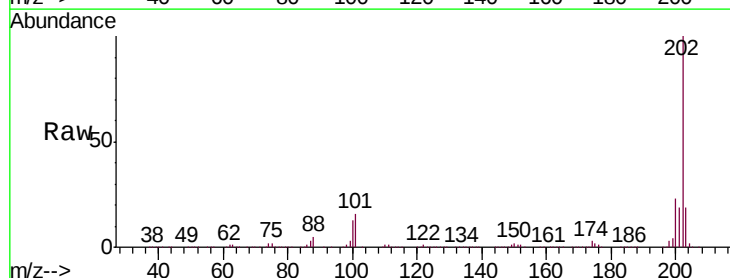
Tgt Ion:202 Resp: 2375587

Ion Ratio Lower Upper

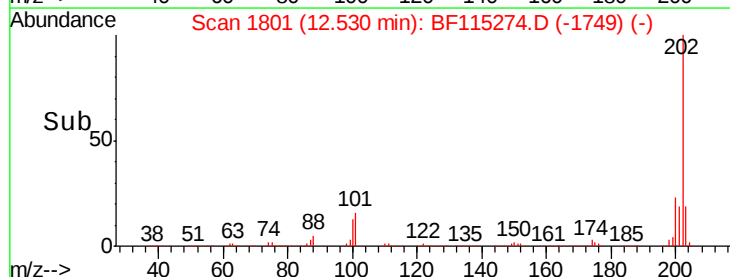
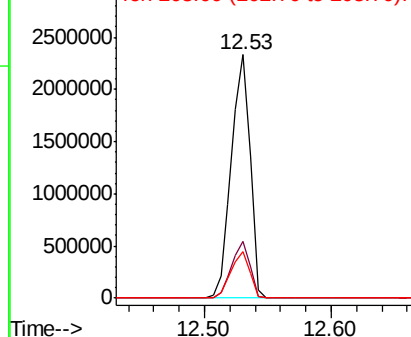
202 100

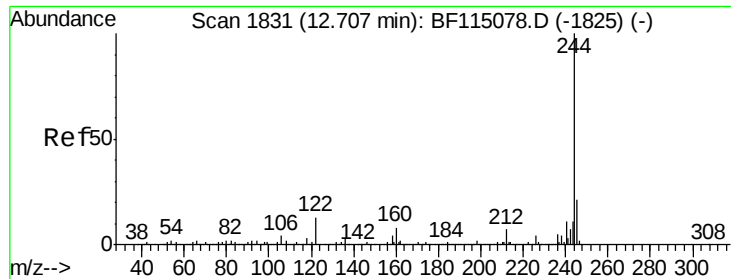
200 23.3 17.9 26.9

203 19.1 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: 96.775 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

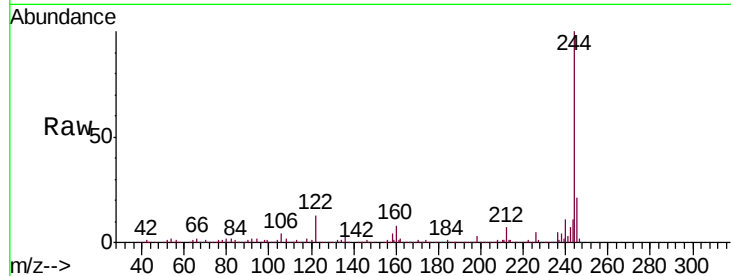
Tgt Ion:244 Resp: 2926350

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

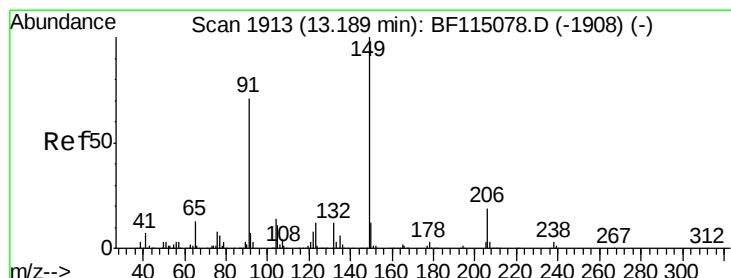
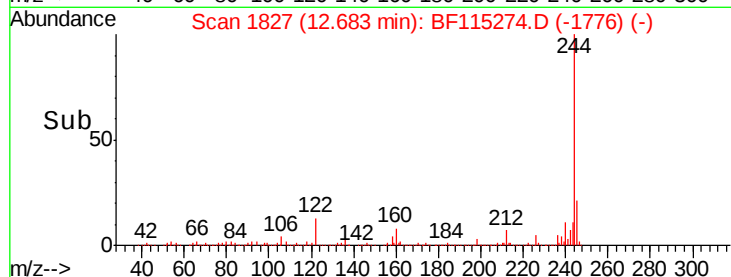
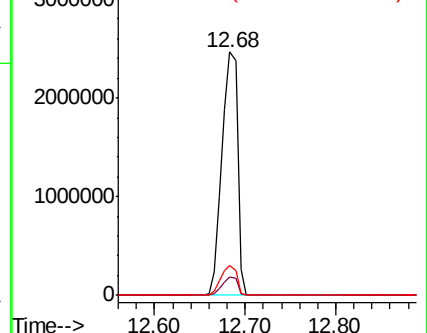
122 12.5 10.4 15.6



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: 52.383 ng

RT: 13.17 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

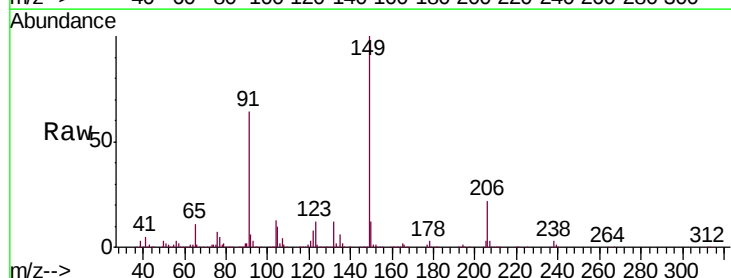
Tgt Ion:149 Resp: 1142191

Ion Ratio Lower Upper

149 100

91 64.1 56.5 84.7

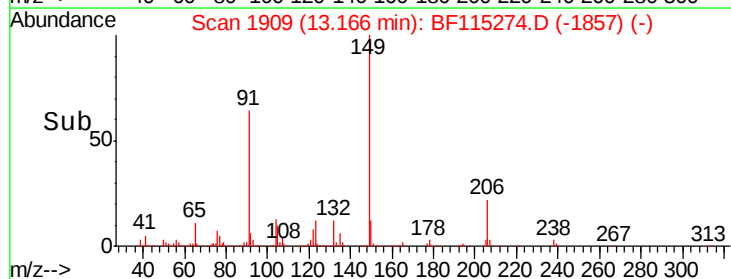
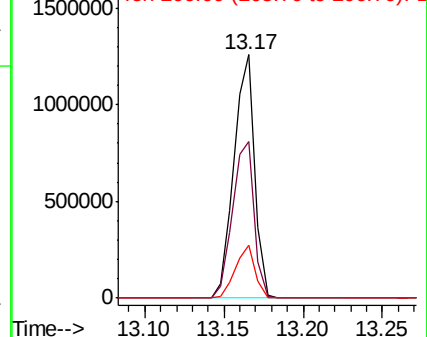
206 21.9 15.3 22.9



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: 46.668 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

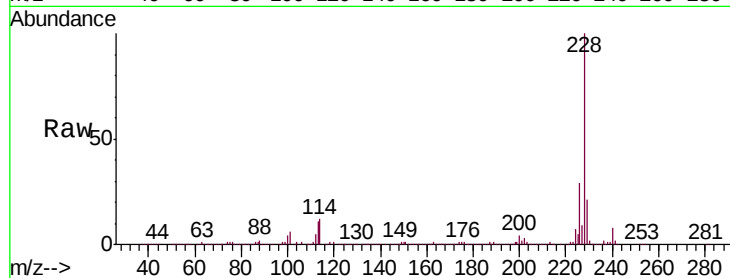
Tgt Ion:228 Resp: 2152884

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

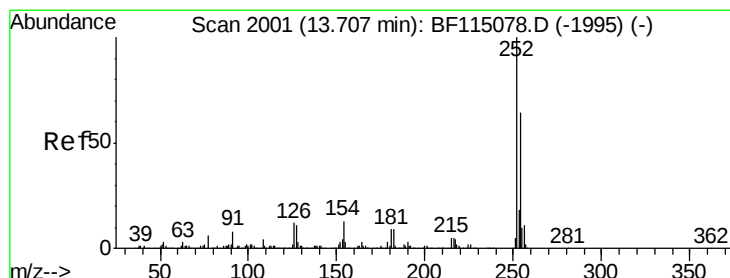
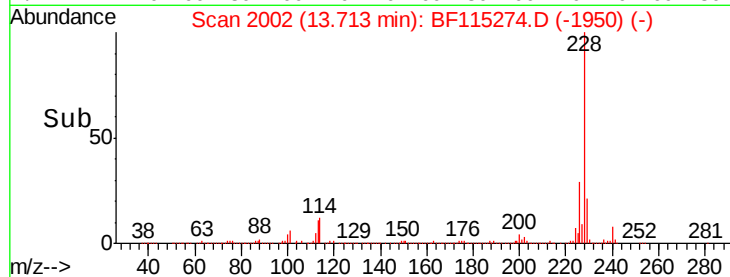
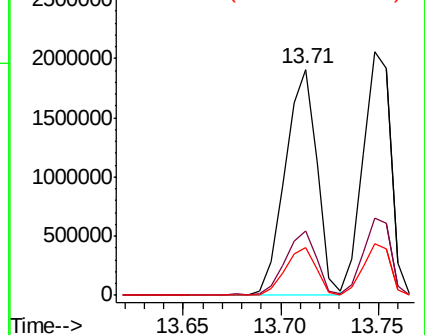
229 20.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.992 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

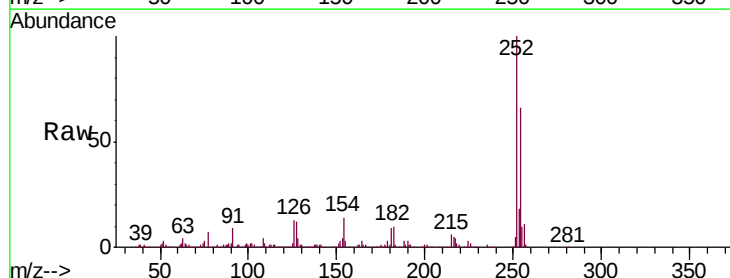
Tgt Ion:252 Resp: 566271

Ion Ratio Lower Upper

252 100

254 66.0 51.1 76.7

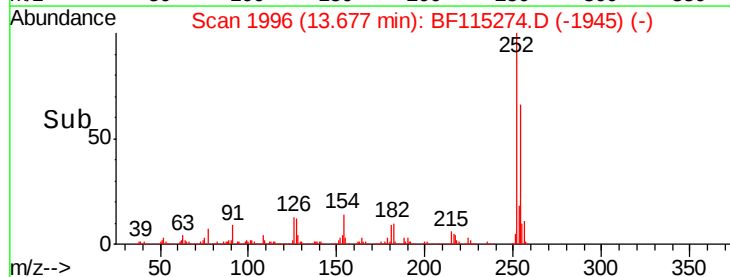
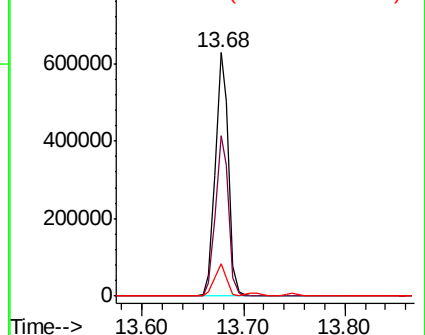
126 13.1 9.4 14.0

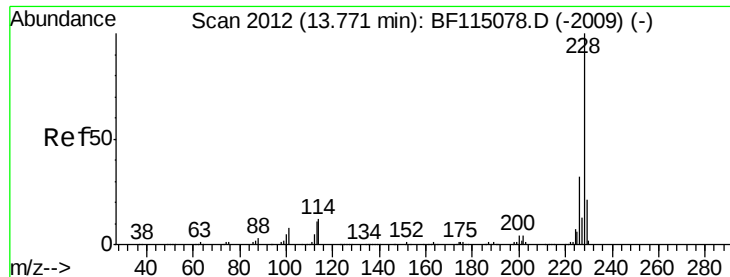


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.253 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

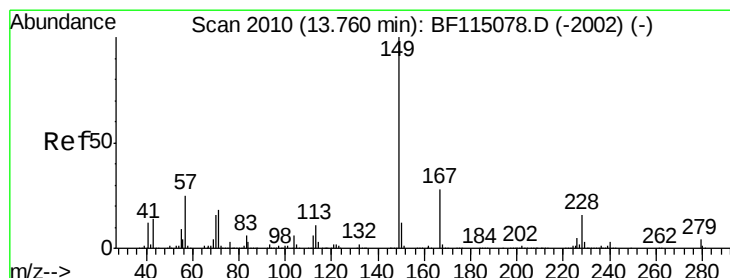
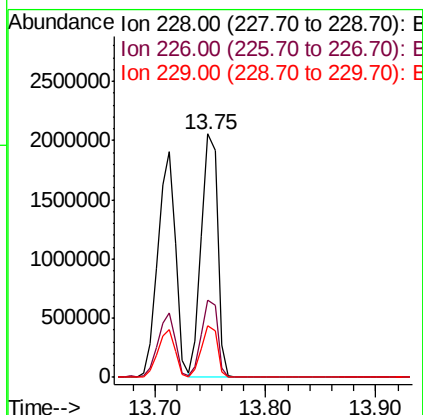
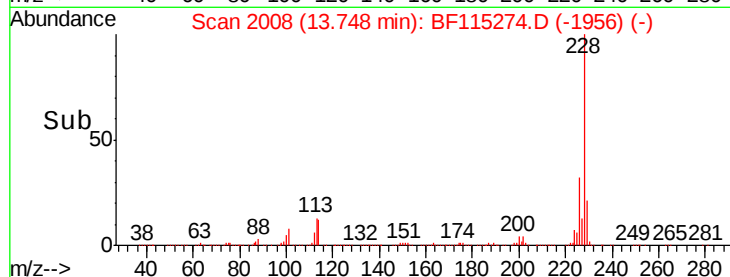
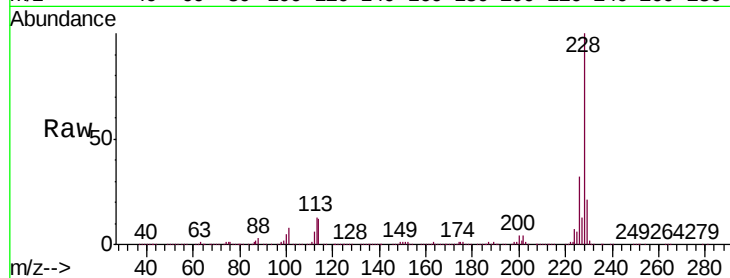
Tgt Ion:228 Resp: 2039058

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

229 21.3 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.284 ng

RT: 13.73 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

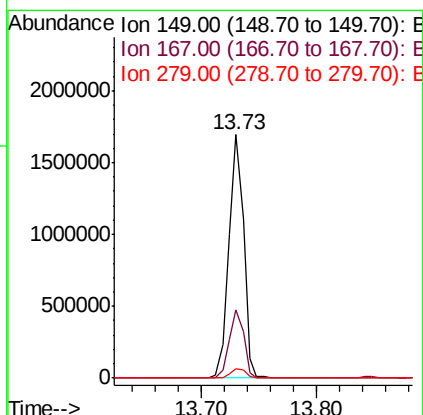
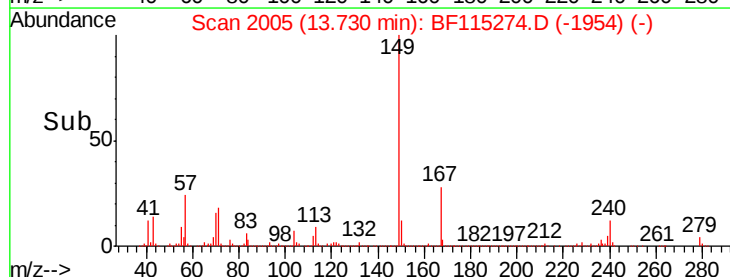
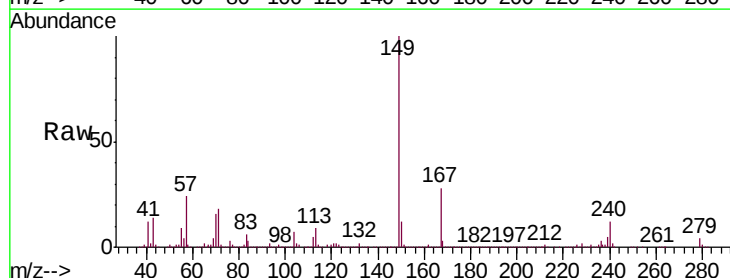
Tgt Ion:149 Resp: 1493803

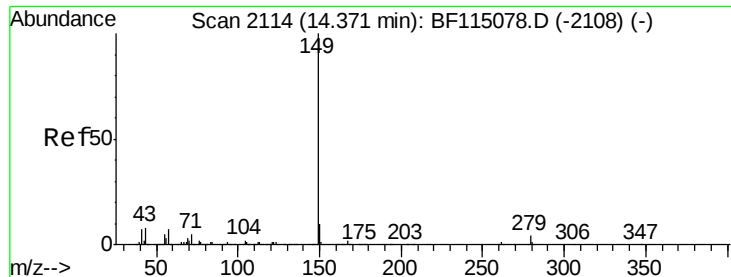
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 53.401 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

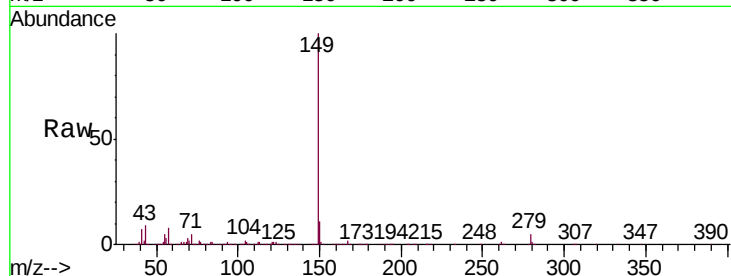
Tgt Ion:149 Resp: 2563470

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

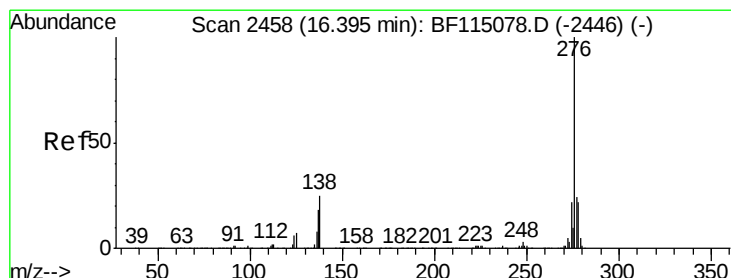
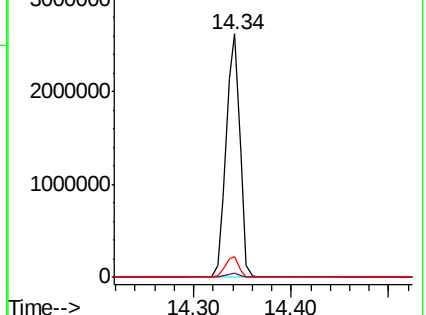
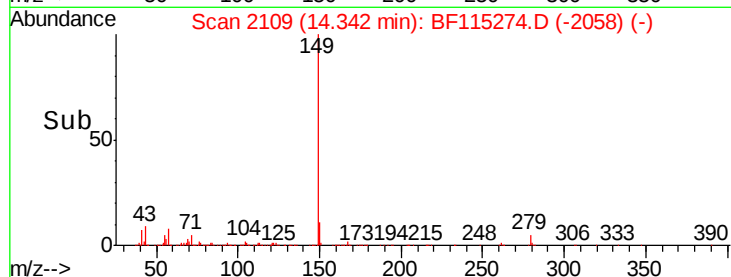
43 8.6 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.291 ng

RT: 16.37 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

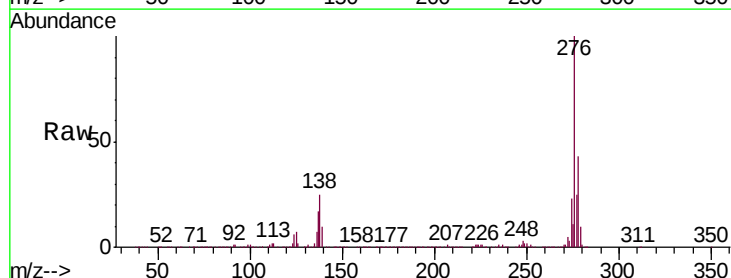
Tgt Ion:276 Resp: 2614712

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

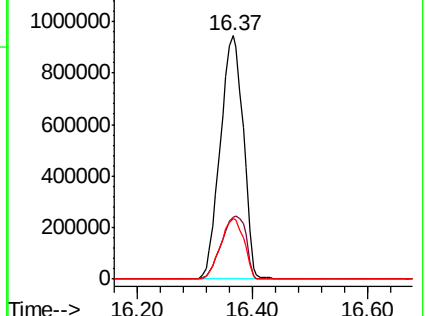
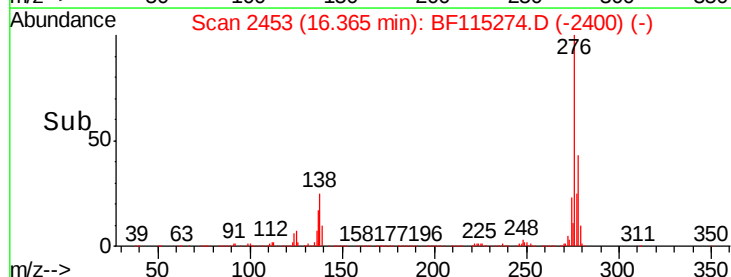
277 25.6 20.1 30.1

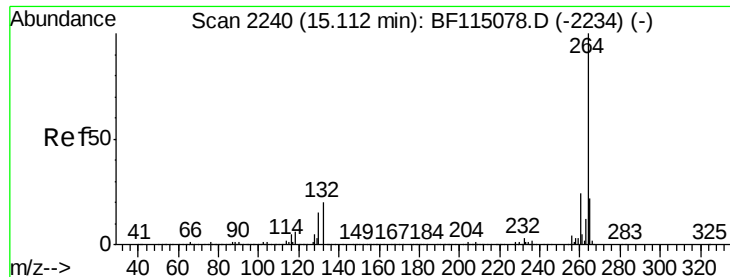


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

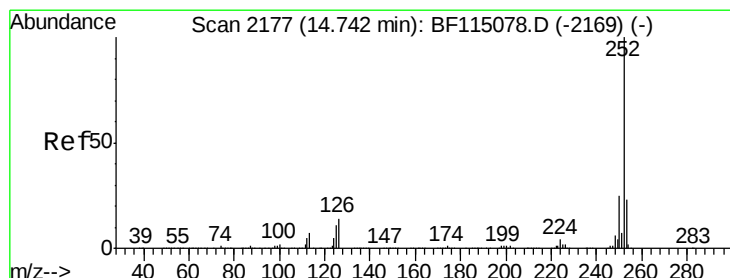
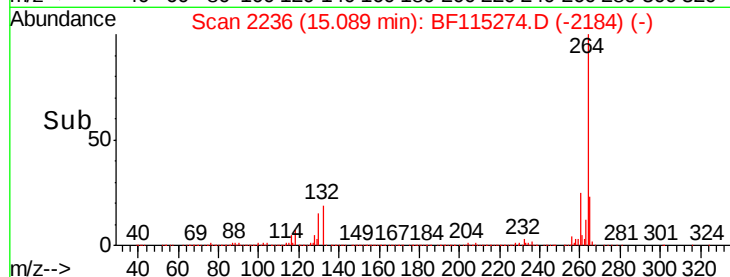
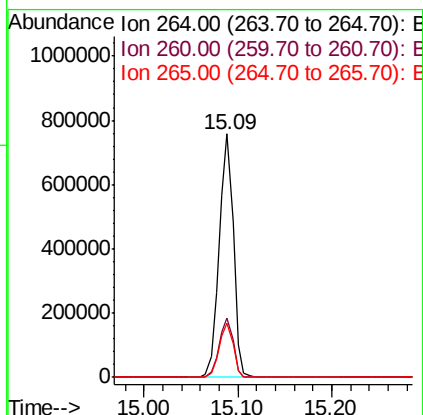
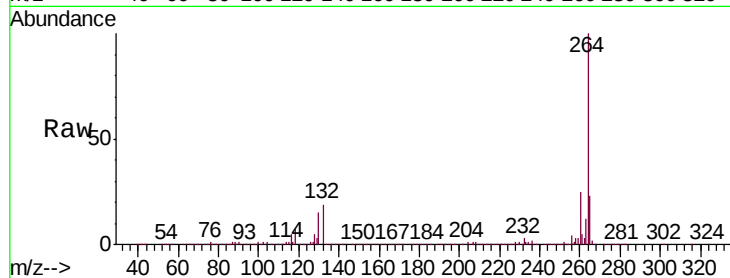




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

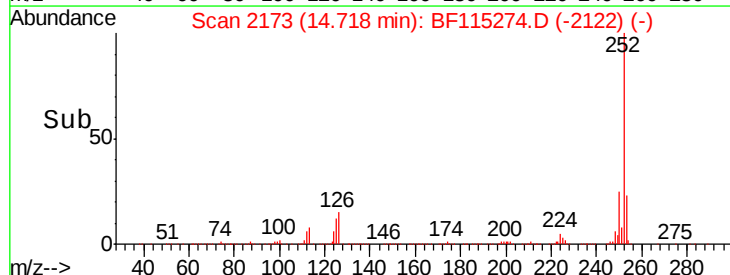
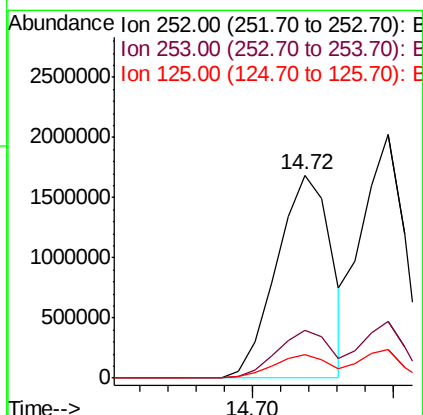
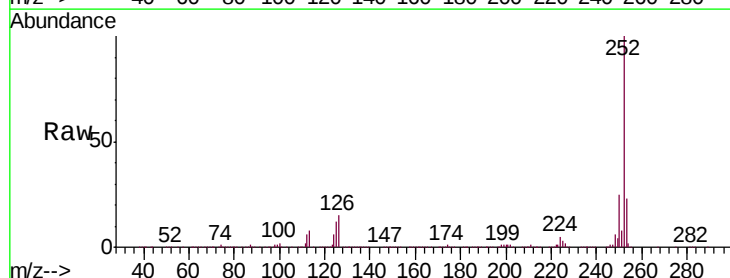
Instrument :
BNA_F
ClientSampleId :
PB120979BS

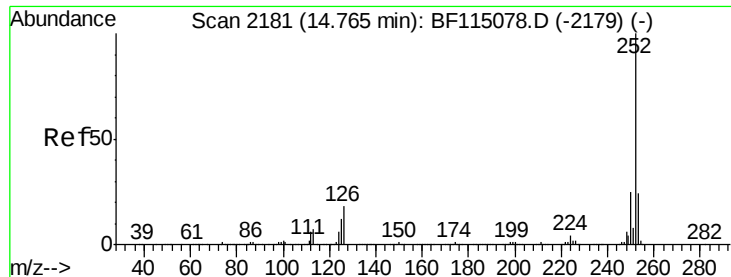
Tgt Ion: 264 Resp: 803422
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 22.5 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 45.293 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion: 252 Resp: 2270583
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.8 8.7 13.1

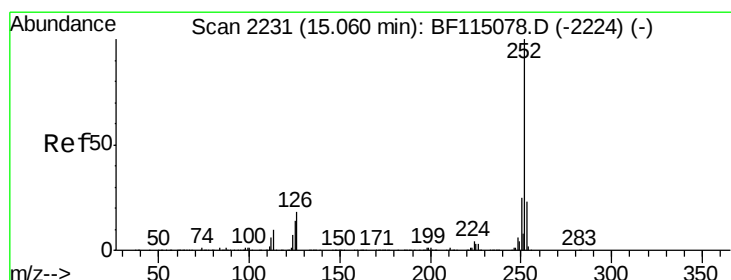
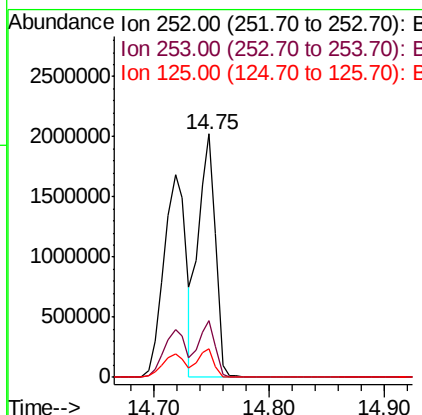
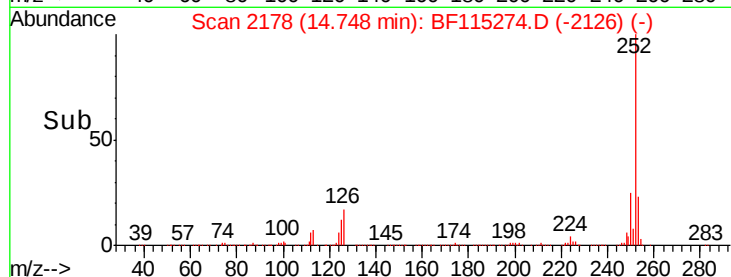
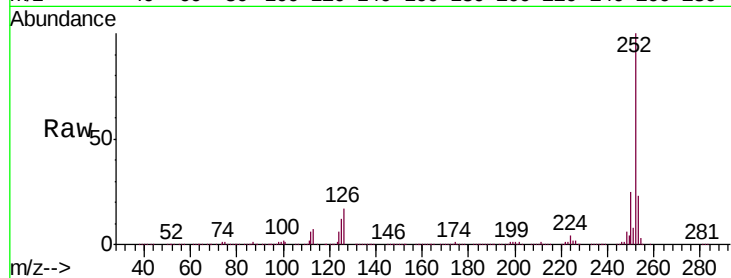




#89
Benzo(k)fluoranthene
Concen: 46.555 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

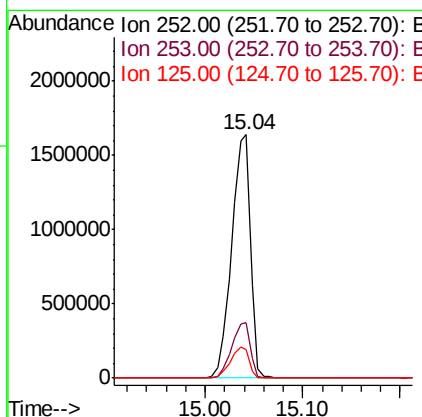
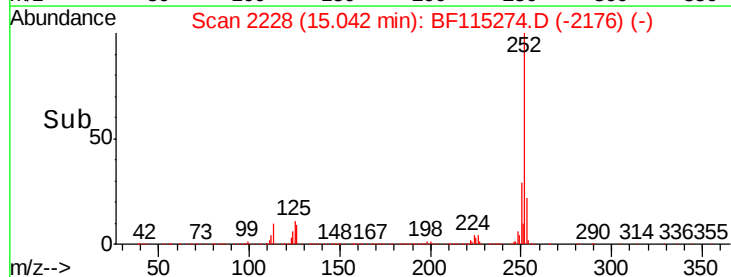
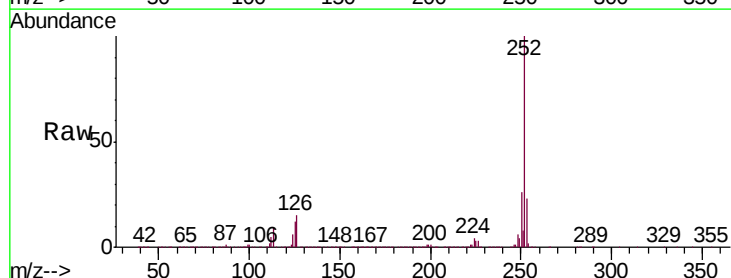
Instrument :
BNA_F
ClientSampleId :
PB120979BS

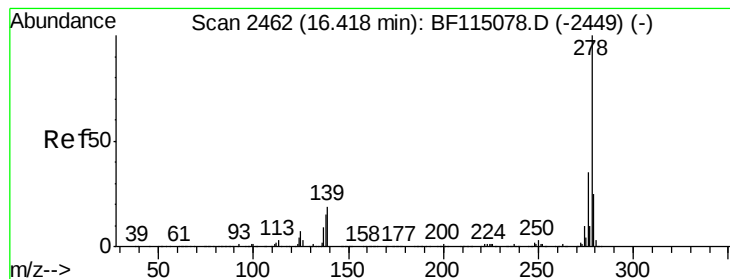
Tgt Ion:252 Resp: 2092975
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 11.8 10.2 15.2



#90
Benzo(a)pyrene
Concen: 48.340 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:252 Resp: 2184212
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: 50.307 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

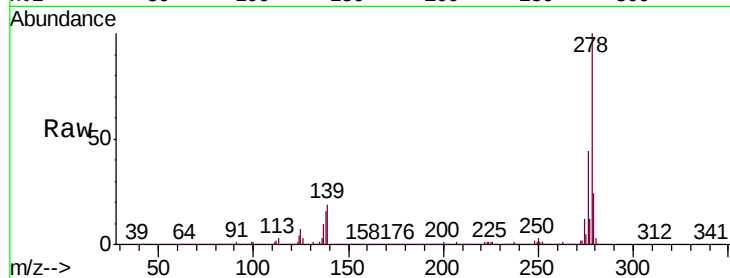
Tgt Ion:278 Resp: 2122080

Ion Ratio Lower Upper

278 100

139 18.7 15.4 23.2

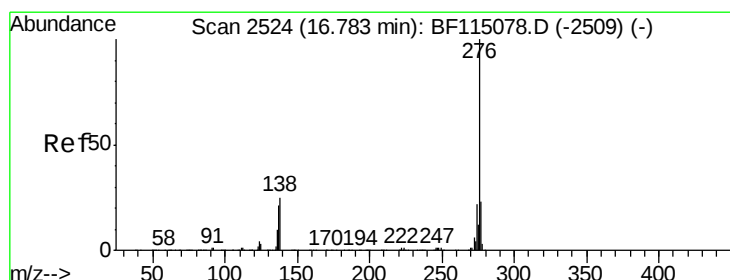
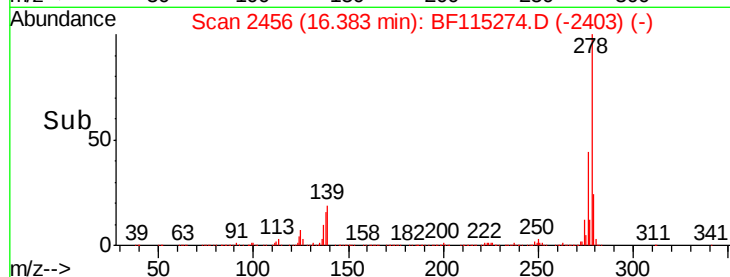
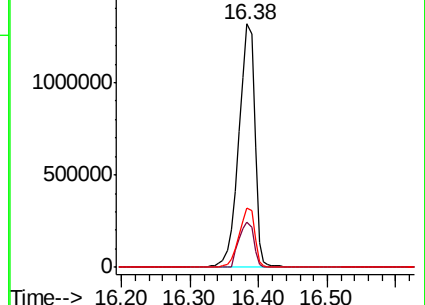
279 24.4 19.9 29.9



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: 52.360 ng

RT: 16.75 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

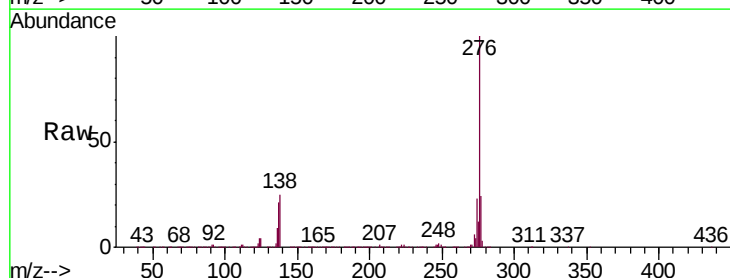
Tgt Ion:276 Resp: 2235400

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 24.7 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

