

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112245.D
 Acq On : 25 Jan 2019 21:22
 Operator : JU/SJ
 Sample : K1238-31
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4

Quant Time: Jan 27 23:39:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	183270	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	715418	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	345221	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	623527	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	365973	20.00	ng	-0.02
87) Perylene-d12	15.47	264	363162	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1410164	163.44	ng	0.00
7) Phenol-d6	6.49	99	1793659	149.60	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1151335	92.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	529968	131.89	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1883028	77.15	ng	-0.01
79) Terphenyl-d14	12.94	244	1620012	83.37	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	3.57	79	108	0.012	ng	# 26
6) Aniline	6.50	93	585	0.041	ng	# 1
8) 2-Chlorophenol	6.63	128	512	0.044	ng	# 1
9) Benzaldehyde	6.49	77	2830	0.452	ng	# 1
10) Phenol	6.50	94	16352	1.243	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	2049	0.198	ng	# 1
12) 1,3-Dichlorobenzene	7.00	146	137	0.010	ng	# 1
13) 1,4-Dichlorobenzene	7.00	146	137	0.010	ng	# 1
14) 1,2-Dichlorobenzene	7.00	146	137	0.011	ng	# 1
15) Benzyl Alcohol	7.00	79	18043	1.785	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	6.85	45	446	0.034	ng	# 1
17) 2-Methylphenol	7.00	107	132	0.014	ng	# 1
18) Hexachloroethane	7.07	117	124	0.025	ng	# 2
19) n-Nitroso-di-n-propylamine	7.40	70	154587	18.699	ng	# 74
20) 3+4-Methylphenols	7.00	107	132	0.011	ng	# 1
22) Acetophenone	7.00	105	159	0.009	ng	# 1
24) Nitrobenzene	7.40	77	3657	0.295	ng	# 29
25) Isophorone	7.40	82	1130601	58.044	ng	# 64
31) Naphthalene	8.15	128	2280	0.068	ng	# 83
33) 4-Chloroaniline	8.15	127	153	0.011	ng	# 48
37) 2-Methylnaphthalene	8.84	142	524	0.023	ng	# 56
38) 1-Methylnaphthalene	8.93	142	139	0.006	ng	# 69
46) 1,1'-Biphenyl	9.30	154	3866	0.128	ng	# 99
47) 2-Chloronaphthalene	9.59	162	1103	0.047	ng	# 1
48) 2-Nitroaniline	9.59	65	1598	0.251	ng	# 1
49) Acenaphthylene	9.74	152	840	0.024	ng	# 59
50) Dimethylphthalate	9.59	163	200241	7.466	ng	97
51) 2,6-Dinitrotoluene	9.59	165	2044	0.340	ng	# 2
52) Acenaphthene	9.91	154	2959	0.144	ng	# 81
55) Dibenzofuran	10.09	168	2096	0.067	ng	95
56) 4-Nitrophenol	10.09	139	593	0.172	ng	# 12
57) 2,4-Dinitrotoluene	9.87	165	44135	5.771	ng	# 31
58) Fluorene	10.43	166	2202	0.094	ng	# 95
60) Diethylphthalate	10.29	149	1549	0.058	ng	# 81

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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

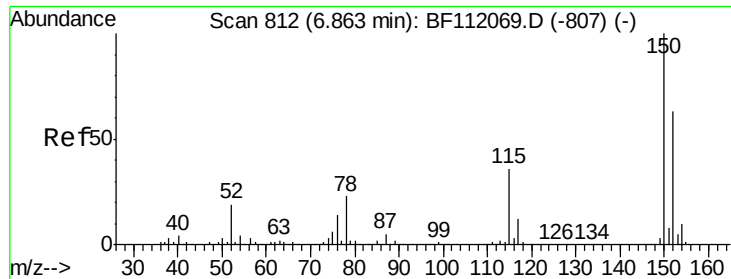
Instrument :
 BNA_F
 ClientSampleId :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

63) Azobenzene	10.59	77	126	0.005	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.67	198	997	0.285	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	15866	0.755	ng	# 47
67) 4-Bromophenyl-phenylether	10.67	248	31794	4.335	ng	# 1
71) Phenanthrene	11.39	178	15085	0.465	ng	98
72) Anthracene	11.44	178	2400	0.074	ng	96
73) Carbazole	11.60	167	2500	0.078	ng	# 87
74) Di-n-butylphthalate	11.92	149	4808	0.122	ng	# 95
75) Fluoranthene	12.57	202	25487	0.733	ng	97
77) Benzidine	12.83	184	1859	0.185	ng	# 1
78) Pyrene	12.80	202	19018	0.751	ng	98
80) Butylbenzylphthalate	13.40	149	557	0.045	ng	# 16
81) Benzo(a)anthracene	13.99	228	7644	0.355	ng	95
83) Chrysene	14.03	228	10279	0.501	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	4321	0.248	ng	# 94
85) Di-n-octyl phthalate	14.58	149	1584	0.059	ng	# 77
86) Indeno(1,2,3-cd)pyrene	16.94	276	4837	0.297	ng	# 90
88) Benzo(b)fluoranthene	15.04	252	14722	0.678	ng	# 93
89) Benzo(k)fluoranthene	15.04	252	14722	0.708	ng	# 93
90) Benzo(a)pyrene	15.40	252	6541	0.335	ng	# 80
91) Dibenzo(a,h)anthracene	16.94	278	1653	0.105	ng	# 36
92) Benzo(g,h,i)perylene	17.39	276	4841	0.326	ng	# 86

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

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S4

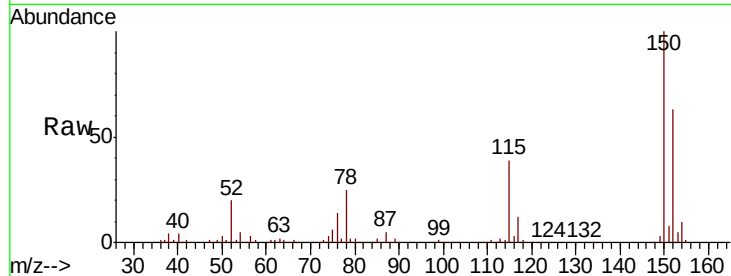
Tgt Ion:152 Resp: 183270

Ion Ratio Lower Upper

152 100

150 157.5 127.4 191.0

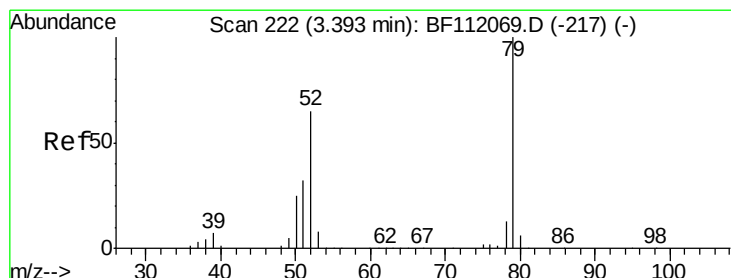
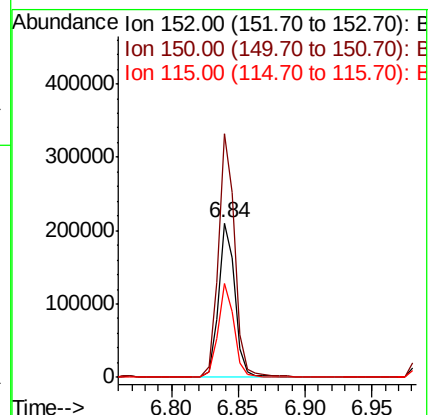
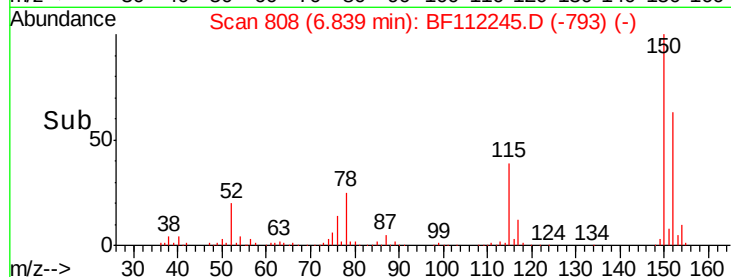
115 61.1 45.5 68.3



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



#3

Pyridine

Concen: 0.012 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.20 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

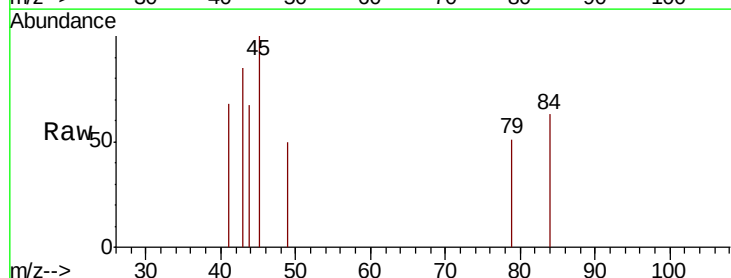
Tgt Ion: 79 Resp: 108

Ion Ratio Lower Upper

79 100

52 0.0 52.4 78.6#

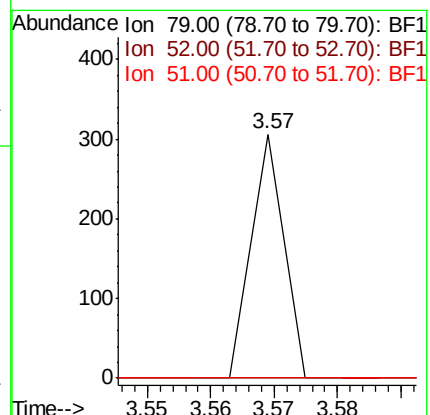
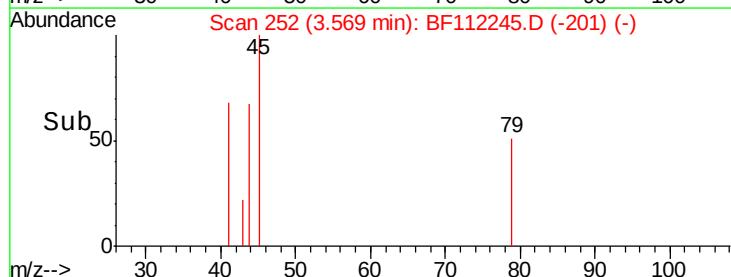
51 0.0 26.1 39.1#

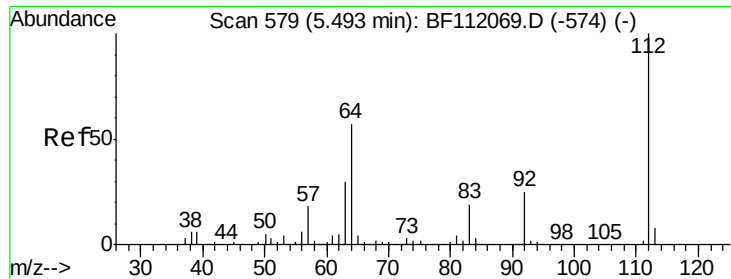


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 163.435 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampled :

S4

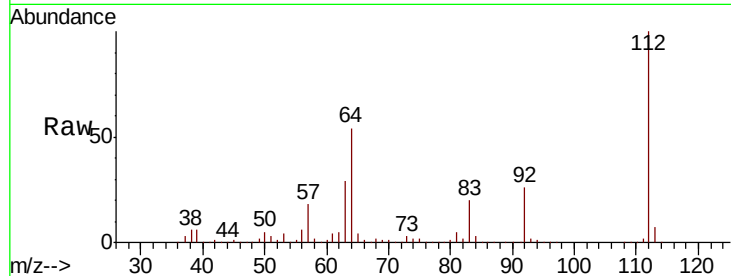
Tgt Ion:112 Resp: 1410164

Ion Ratio Lower Upper

112 100

64 54.4 45.7 68.5

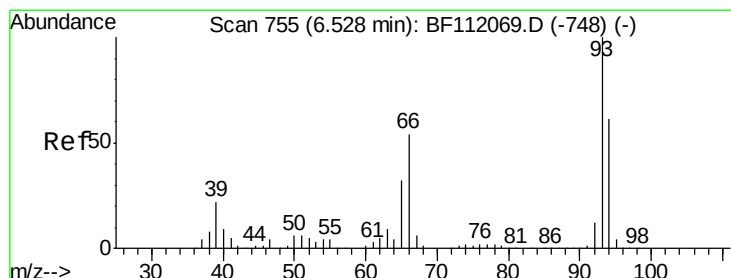
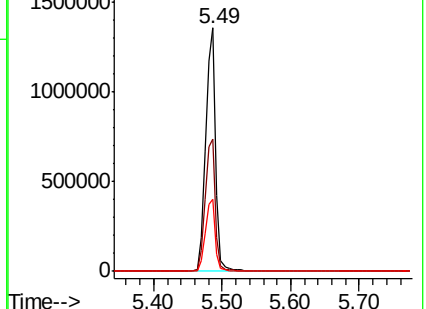
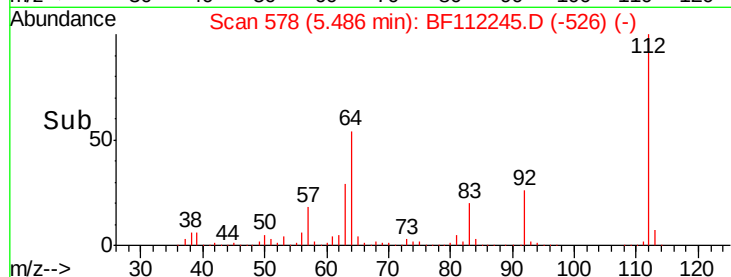
63 29.4 23.6 35.4



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: 0.041 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

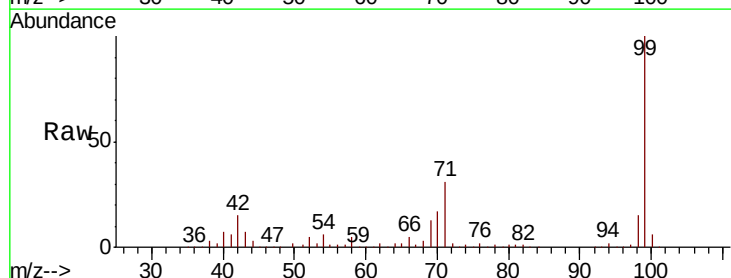
Tgt Ion: 93 Resp: 585

Ion Ratio Lower Upper

93 100

66 5527.4 43.4 65.2#

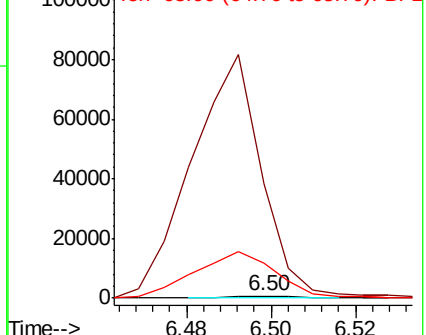
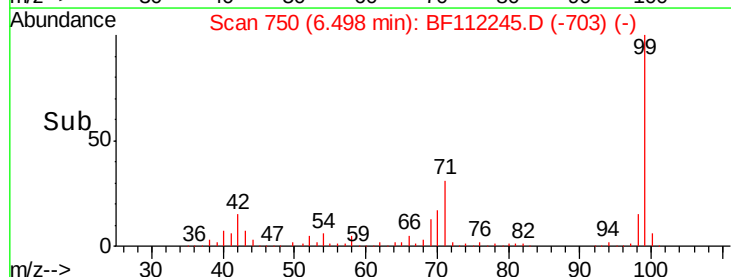
65 1679.0 25.3 37.9#

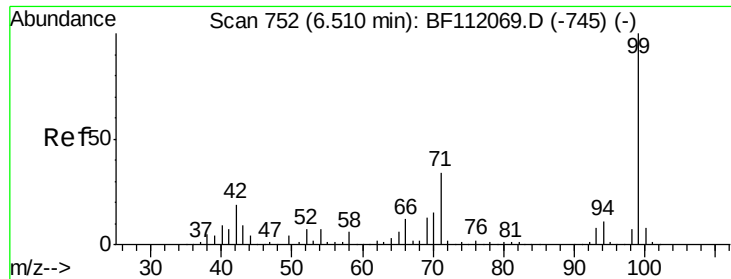


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 149.604 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampled :

S4

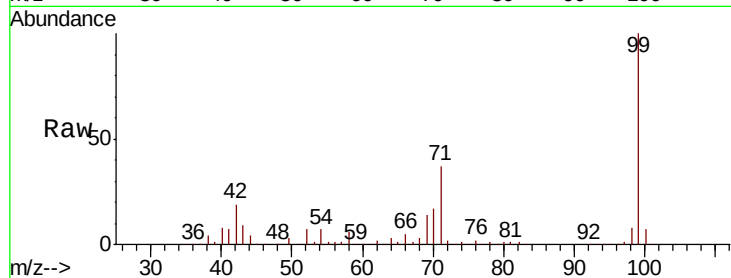
Tgt Ion: 99 Resp: 1793659

Ion Ratio Lower Upper

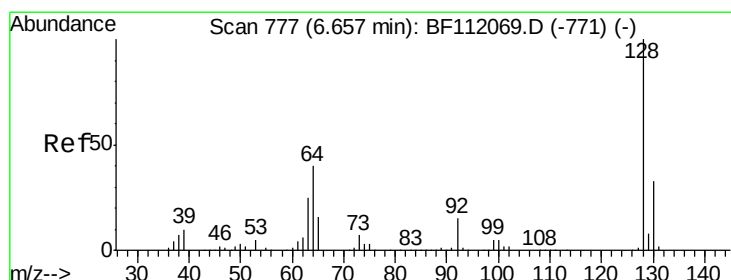
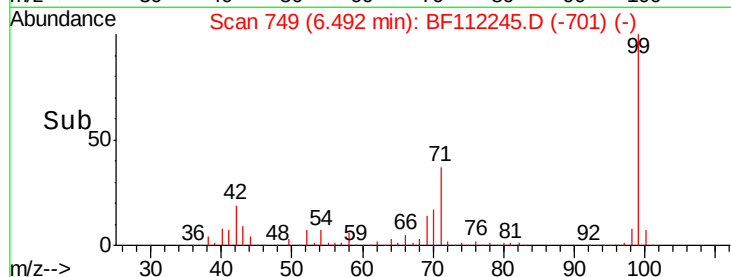
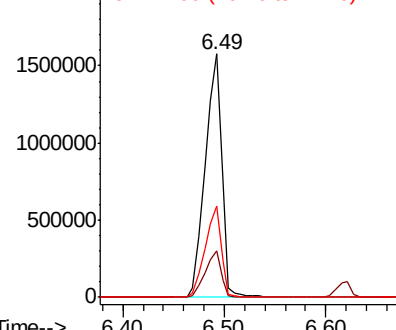
99 100

42 19.2 15.1 22.7

71 37.3 26.9 40.3



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: 0.044 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

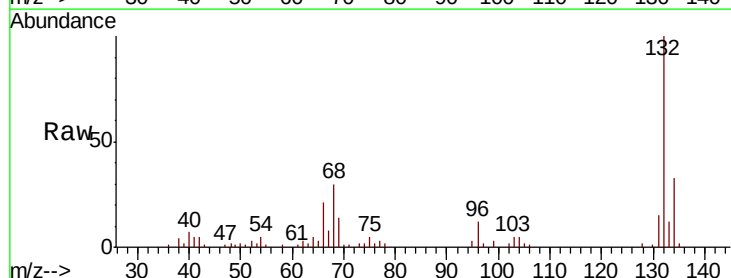
Tgt Ion: 128 Resp: 512

Ion Ratio Lower Upper

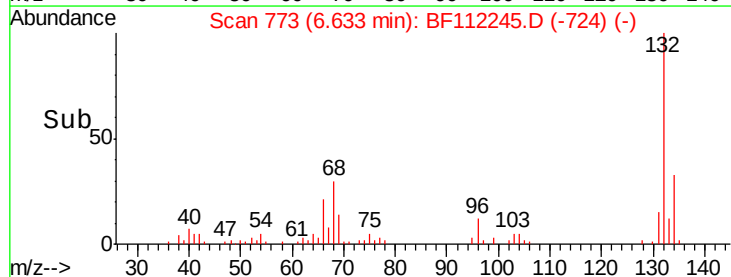
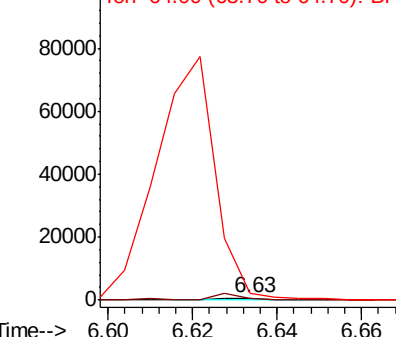
128 100

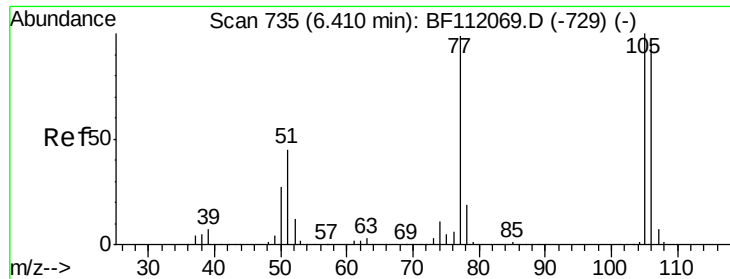
130 83.9 13.4 53.4#

64 309.0 20.5 60.5#



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: 0.452 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.09 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

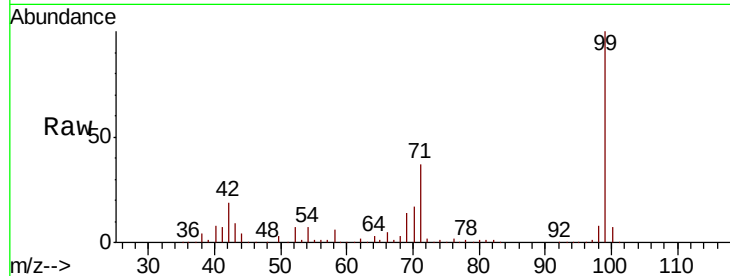
Tgt Ion: 77 Resp: 2830

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

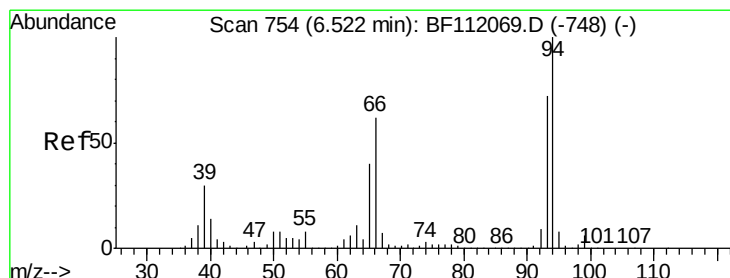
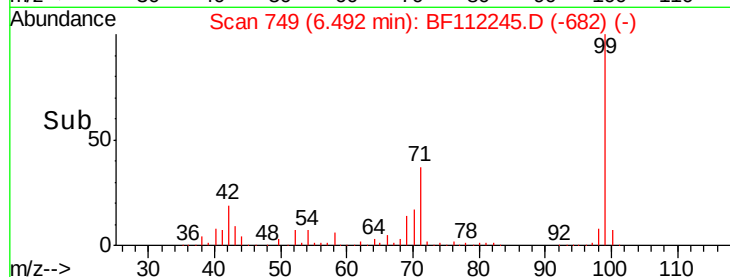
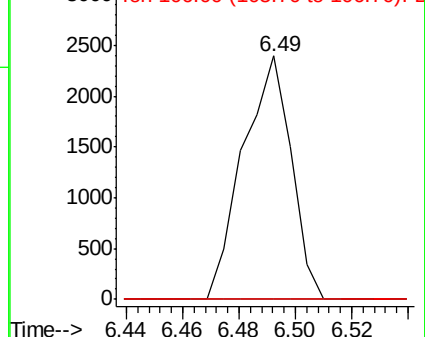
106 0.0 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.243 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

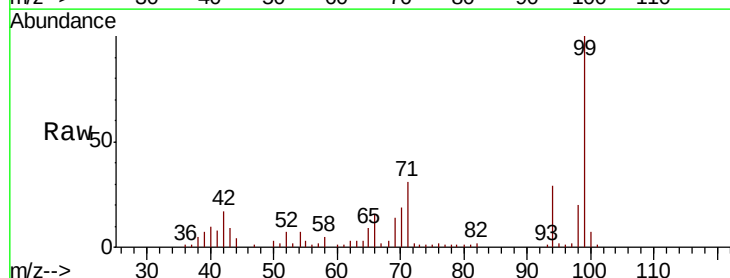
Tgt Ion: 94 Resp: 16352

Ion Ratio Lower Upper

94 100

65 32.0 20.3 60.3

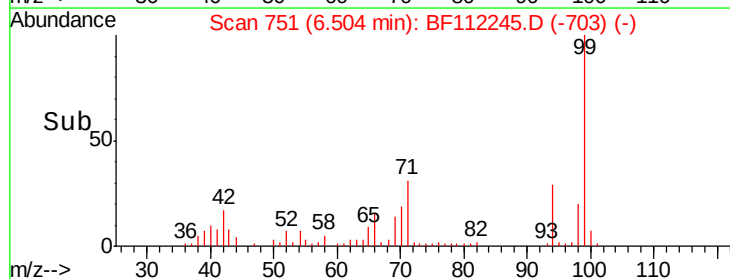
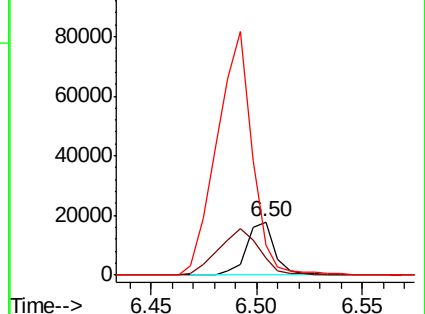
66 56.5 42.4 82.4

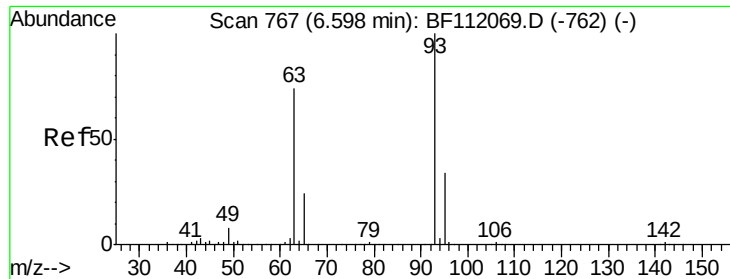


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

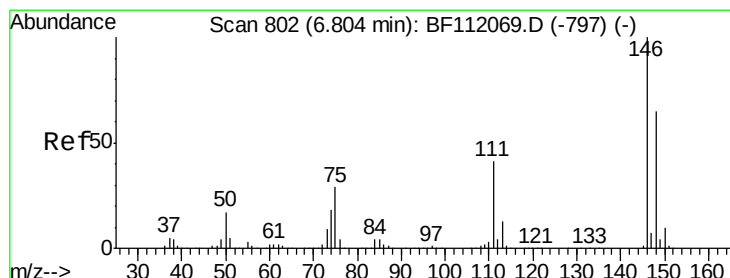
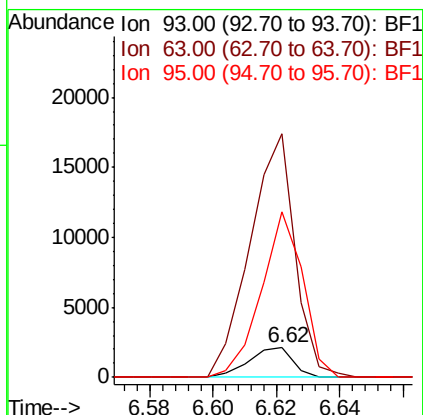
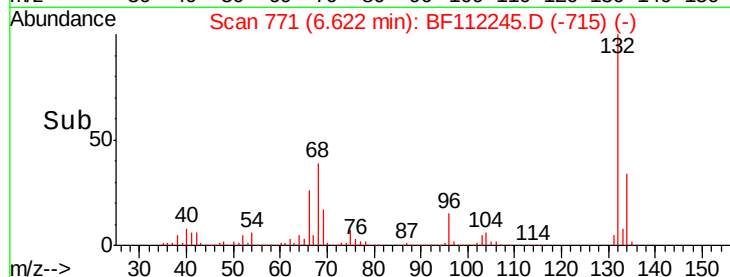
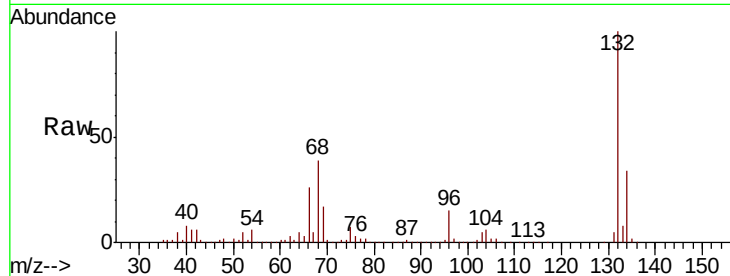




#11
 bis(2-Chloroethyl)ether
 Concen: 0.198 ng
 RT: 6.62 min Scan# 771
 Delta R.T. 0.03 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

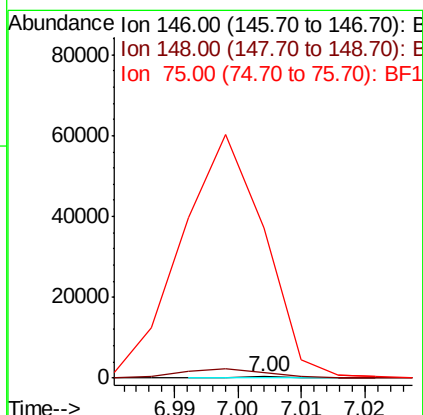
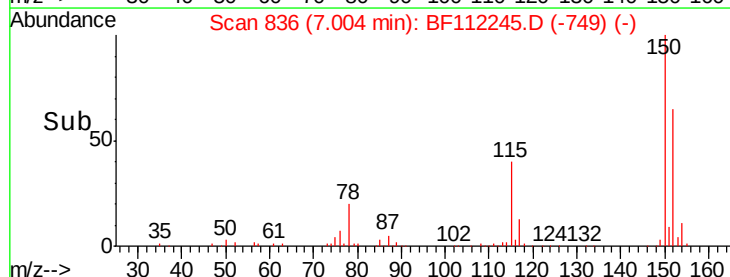
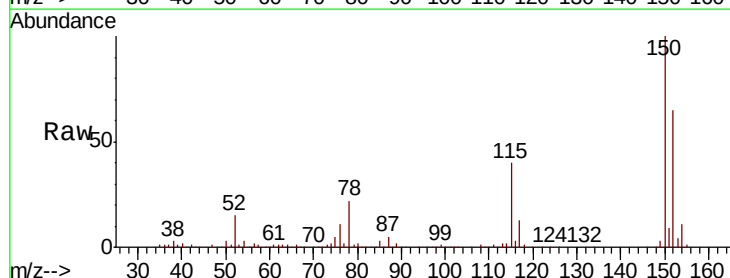
Instrument :
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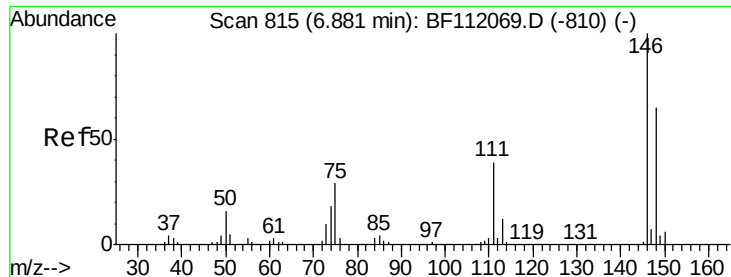
Tgt Ion: 93 Resp: 2049
 Ion Ratio Lower Upper
 93 100
 63 829.8 53.3 93.3#
 95 562.9 13.4 53.4#



#12
 1,3-Dichlorobenzene
 Concen: 0.010 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.21 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Tgt Ion: 146 Resp: 137
 Ion Ratio Lower Upper
 146 100
 148 381.4 51.8 77.8#
 75 9618.6 23.1 34.7#

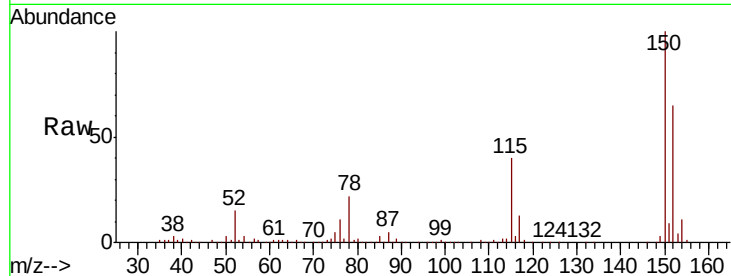




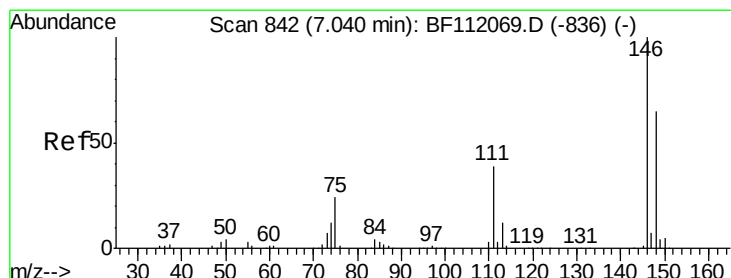
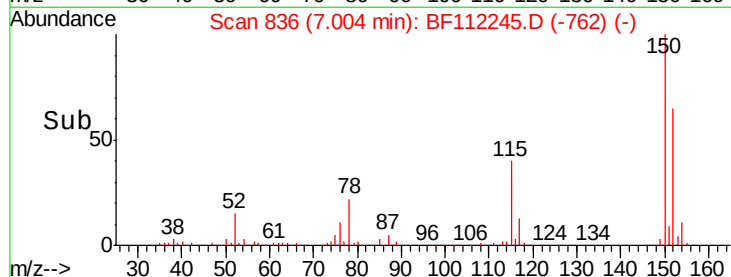
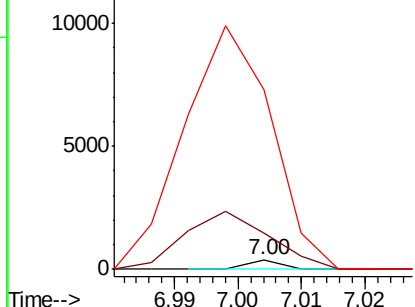
#13
 1,4-Dichlorobenzene
 Concen: 0.010 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.14 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S4

Tgt Ion:146 Resp: 137
 Ion Ratio Lower Upper
 146 100
 148 381.4 52.0 78.0#
 111 1876.8 31.2 46.8#

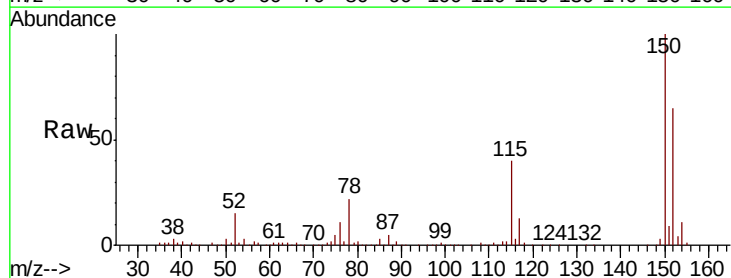


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

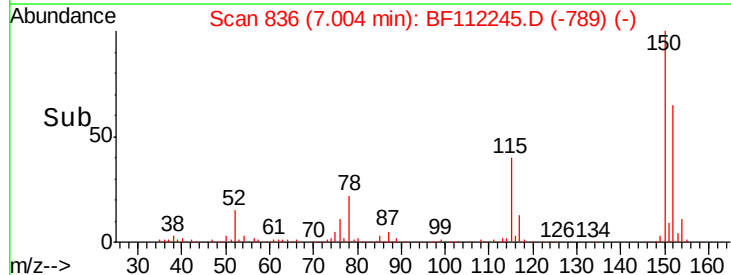
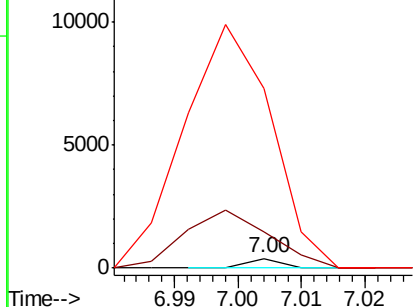


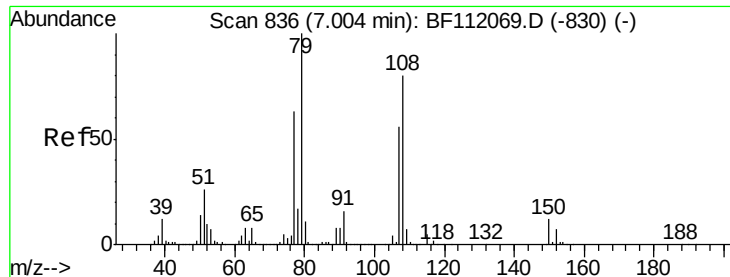
#14
 1,2-Dichlorobenzene
 Concen: 0.011 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Tgt Ion:146 Resp: 137
 Ion Ratio Lower Upper
 146 100
 148 381.4 52.2 78.4#
 111 1876.8 31.2 46.8#



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: 1.785 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampled :

S4

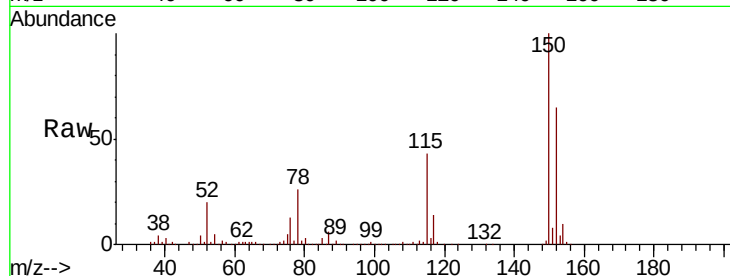
Tgt Ion: 79 Resp: 18043

Ion Ratio Lower Upper

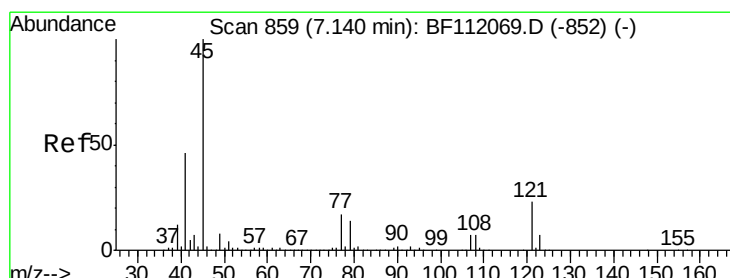
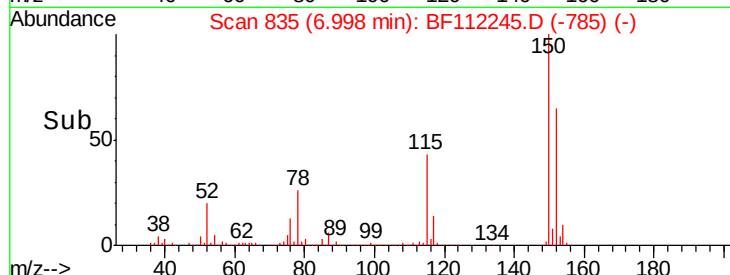
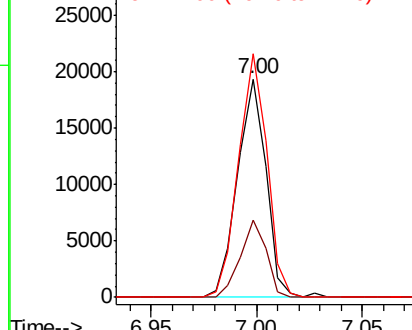
79 100

108 35.3 64.2 96.2#

77 111.6 50.3 75.5#



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.034 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.28 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

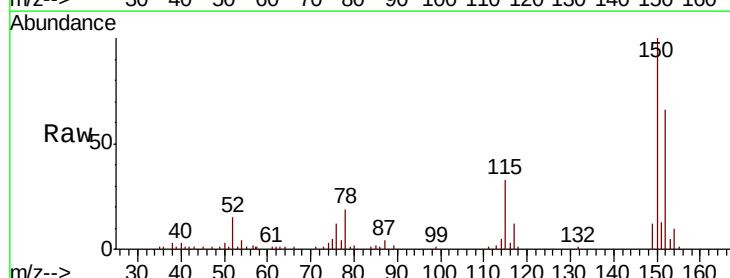
Tgt Ion: 45 Resp: 446

Ion Ratio Lower Upper

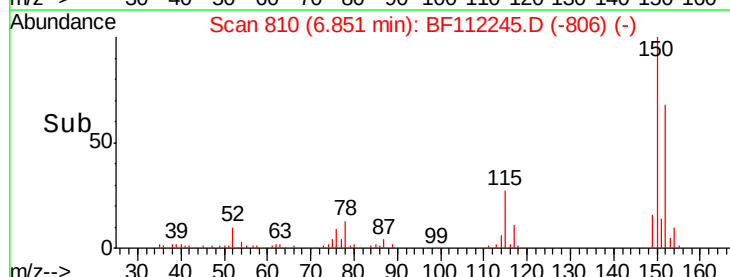
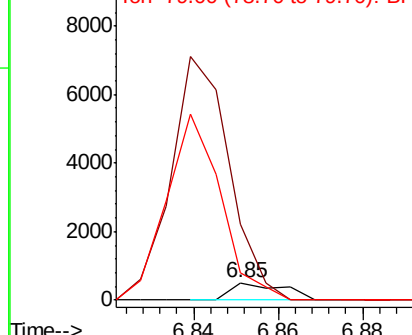
45 100

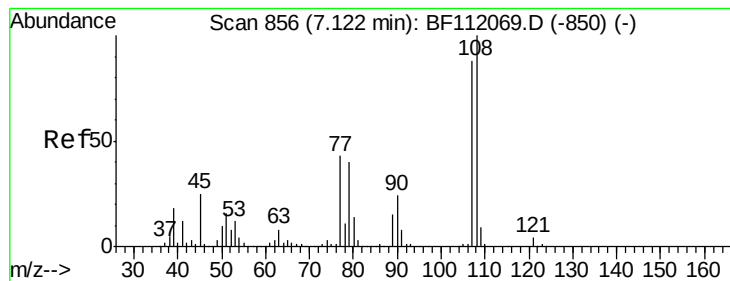
77 441.7 0.0 36.9#

79 160.1 0.0 34.0#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.014 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.12 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

Tgt Ion:107 Resp: 132

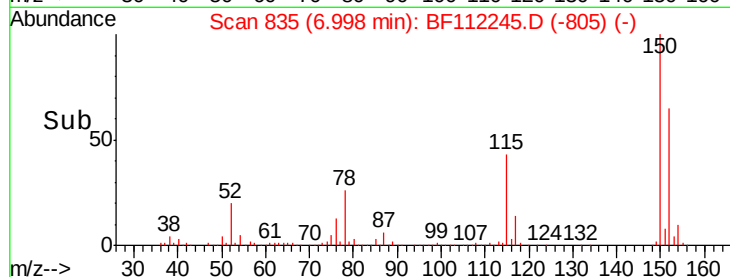
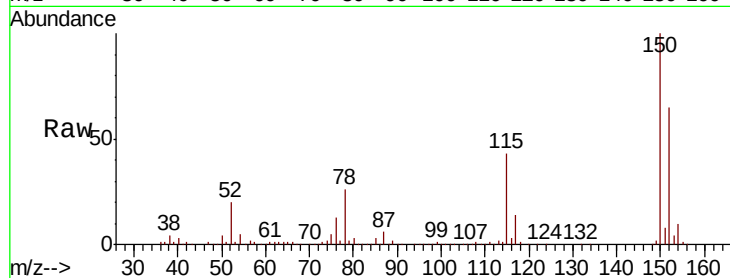
Ion Ratio Lower Upper

107 100

108 1819.2 91.3 136.9#

77 5753.6 39.0 58.6#

79 5156.3 37.0 55.4#



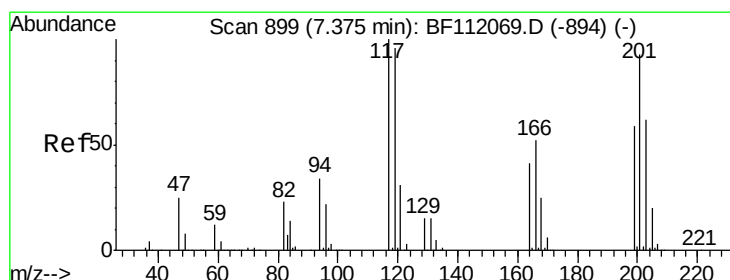
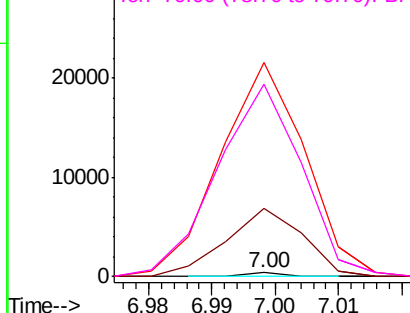
Abundance

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: 0.025 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.29 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

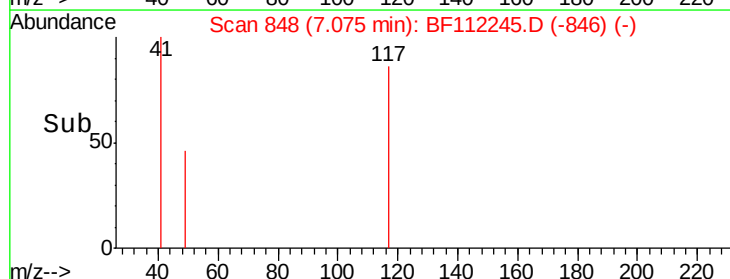
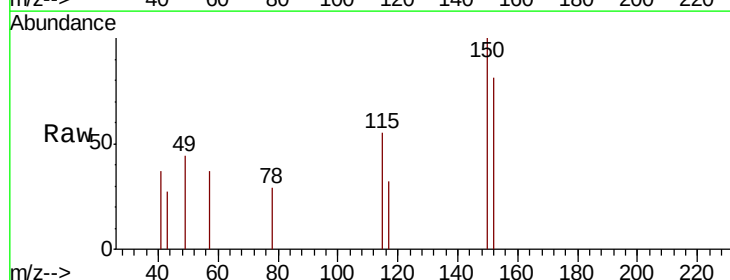
Tgt Ion:117 Resp: 124

Ion Ratio Lower Upper

117 100

119 0.0 77.0 115.4#

201 0.0 74.1 111.1#

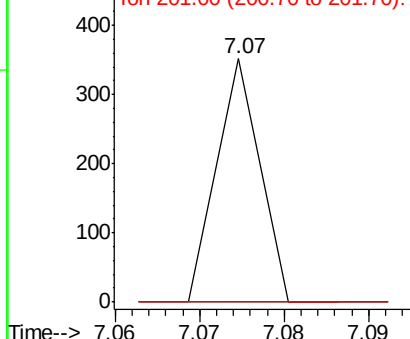


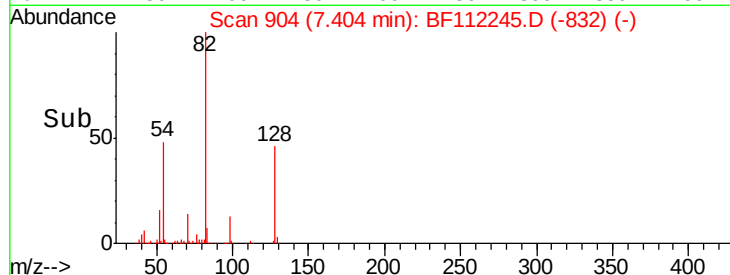
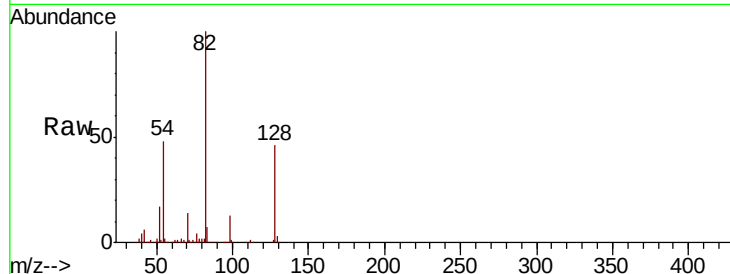
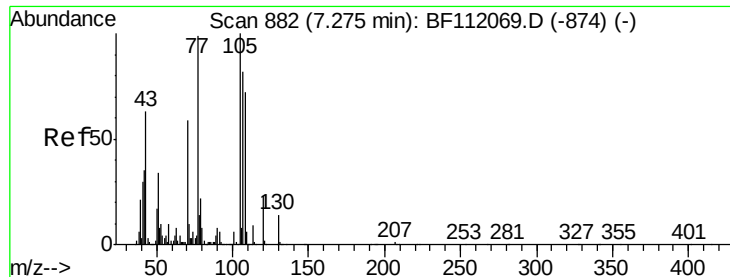
Abundance

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

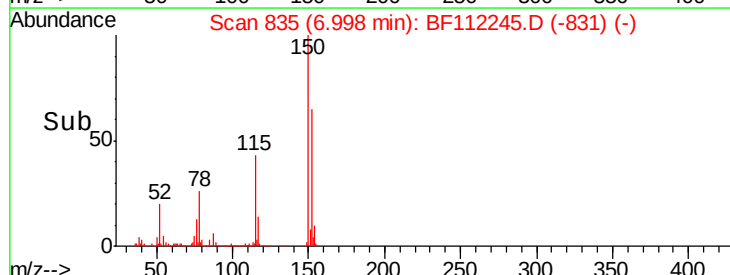
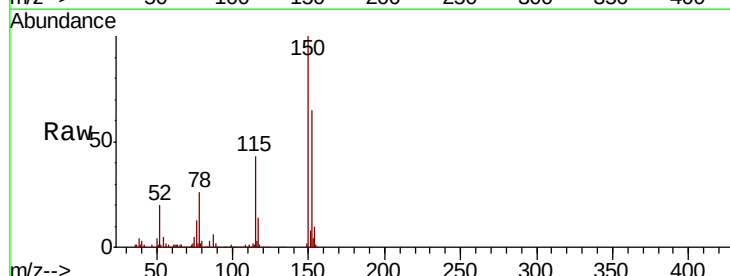
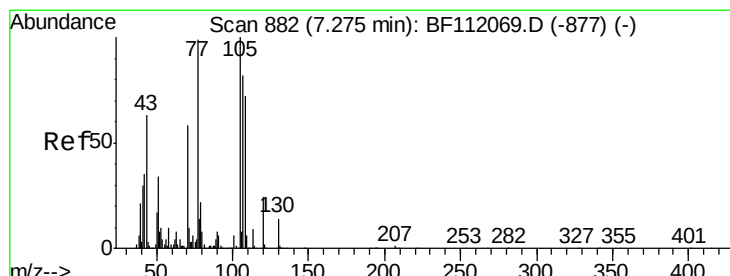
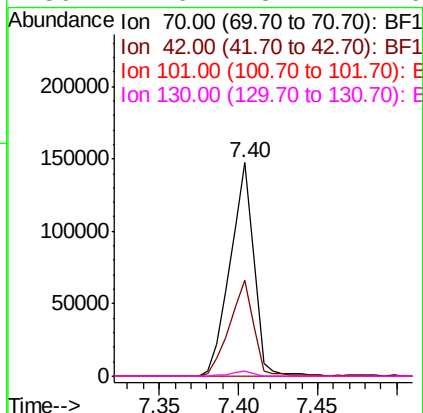




#19
n-Nitroso-di-n-propylamine
Concen: 18.699 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.12 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

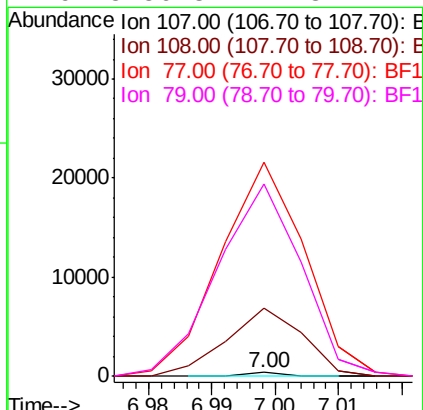
Instrument :
BNA_F
ClientSampleId :
S4

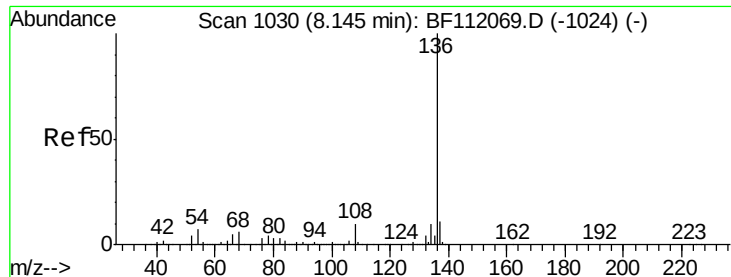
Tgt Ion: 70 Resp: 154587
Ion Ratio Lower Upper
70 100
42 44.9 47.6 71.4#
101 0.0 7.9 11.9#
130 2.6 18.4 27.6#



#20
3+4-Methylphenols
Concen: 0.011 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.28 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion: 107 Resp: 132
Ion Ratio Lower Upper
107 100
108 1819.2 68.2 108.2#
77 5753.6 100.7 140.7#
79 5156.3 7.3 47.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampled :

S4

Tgt Ion:136 Resp: 715418

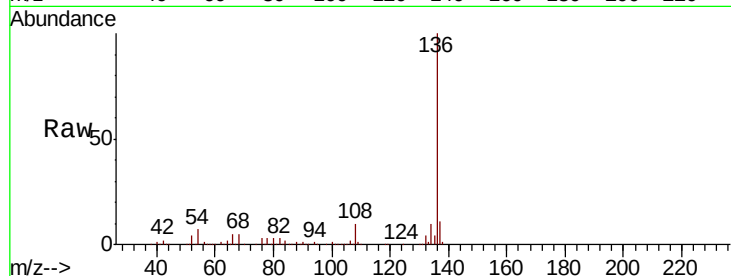
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.6 5.9 8.9

68 5.2 5.1 7.7

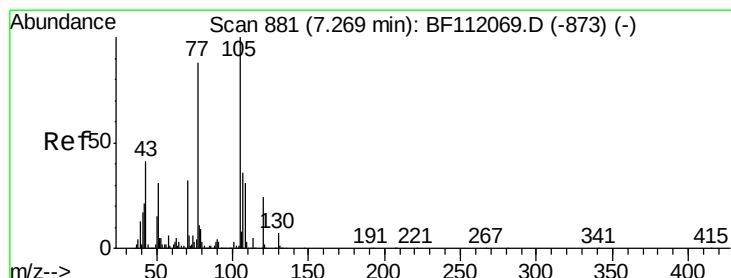
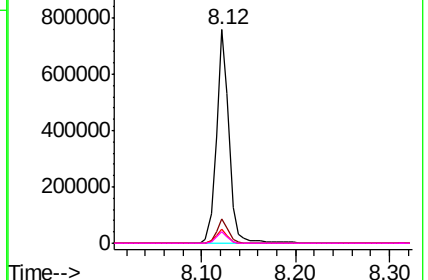
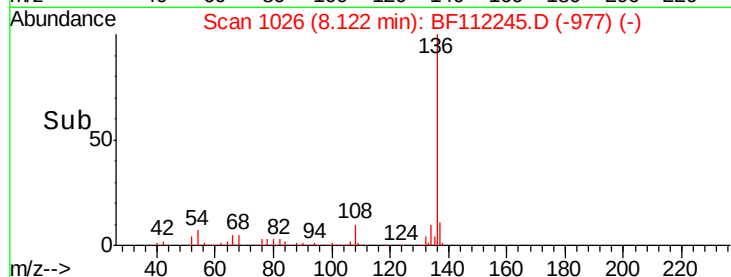


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.009 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.27 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Tgt Ion:105 Resp: 159

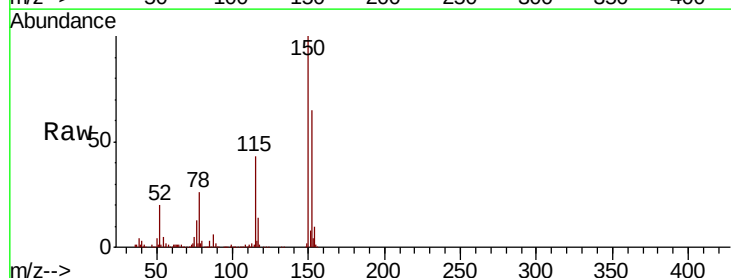
Ion Ratio Lower Upper

105 100

71 440.0 4.6 6.8#

51 1834.7 25.0 37.6#

120 302.9 19.0 28.4#

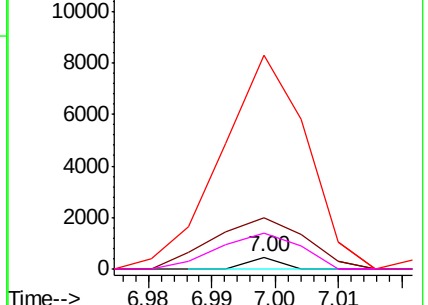
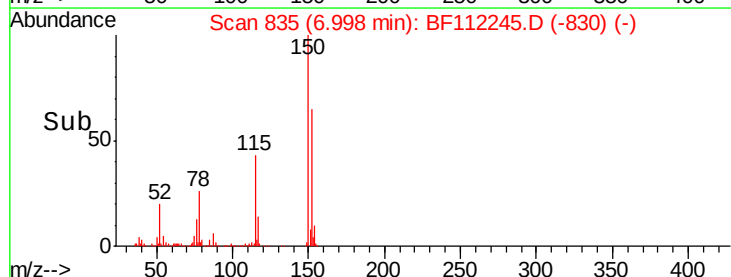


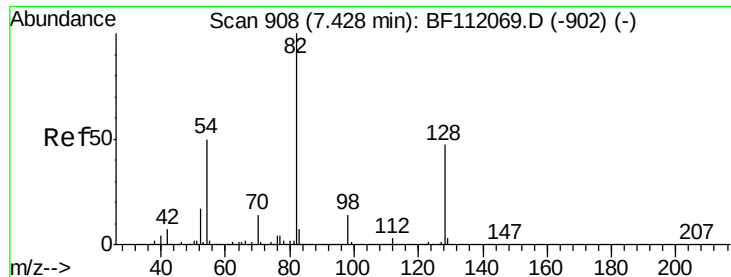
Abundance Ion 105.00 (104.70 to 105.70): E

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

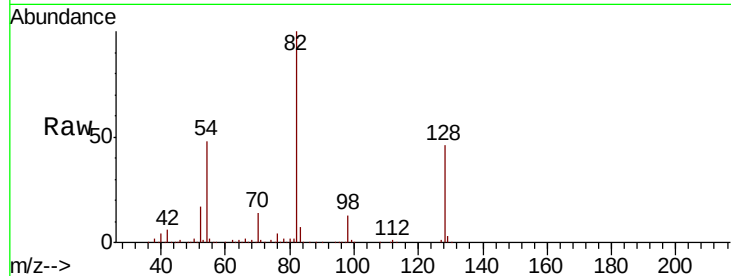




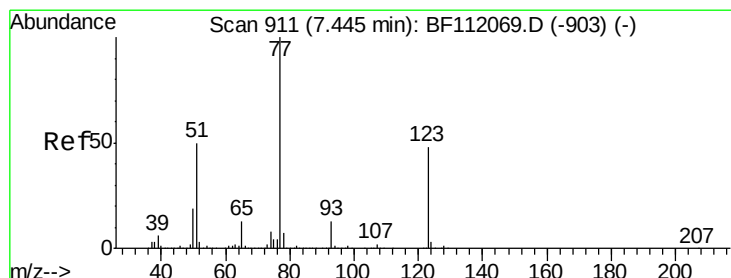
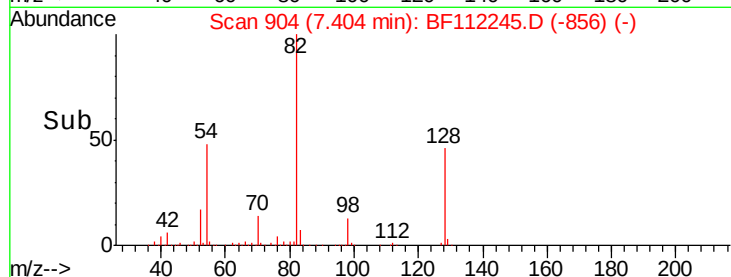
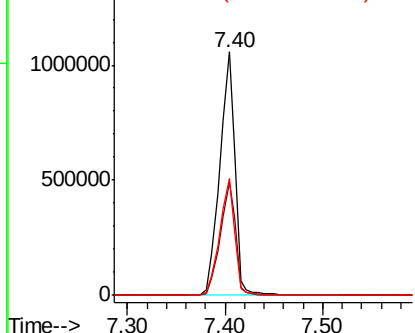
#23
 Nitrobenzene-d5
 Concen: 92.729 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S4

Tgt Ion: 82 Resp: 1151335
 Ion Ratio Lower Upper
 82 100
 128 46.4 37.8 56.8
 54 48.0 39.7 59.5

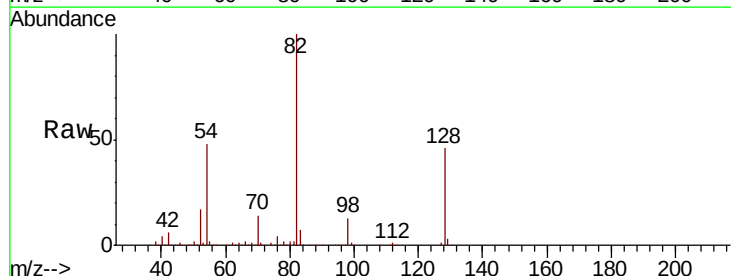


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

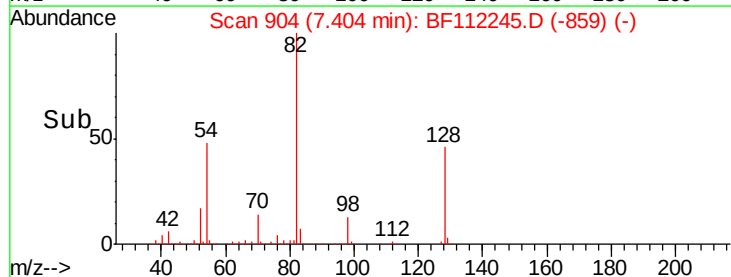
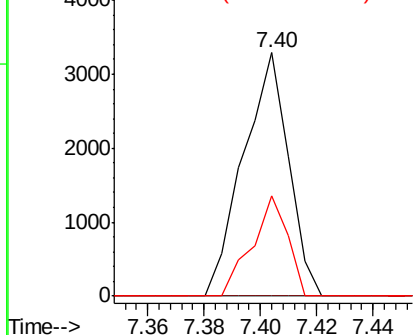


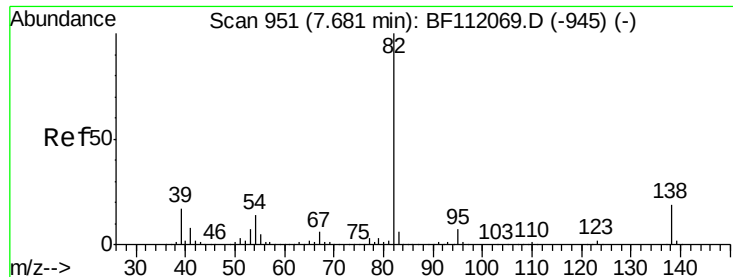
#24
 Nitrobenzene
 Concen: 0.295 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.04 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Tgt Ion: 77 Resp: 3657
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.4 57.6#
 65 40.9 10.6 15.8#



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: 58.044 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampled :

S4

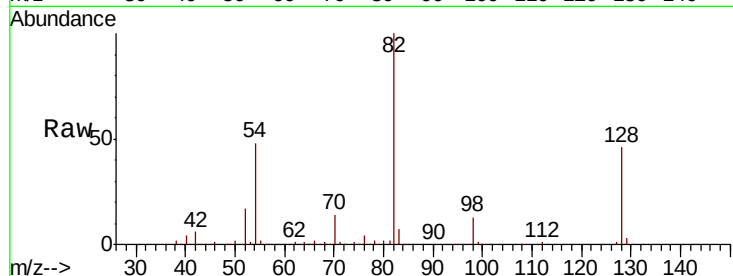
Tgt Ion: 82 Resp: 1130601

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

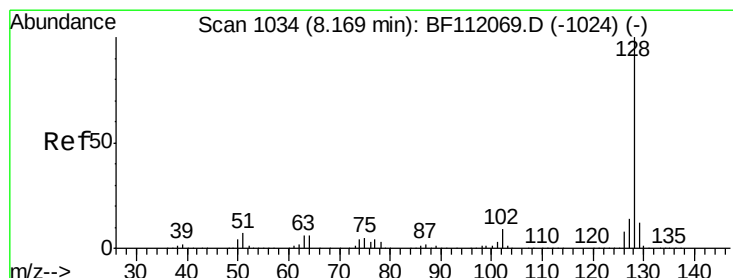
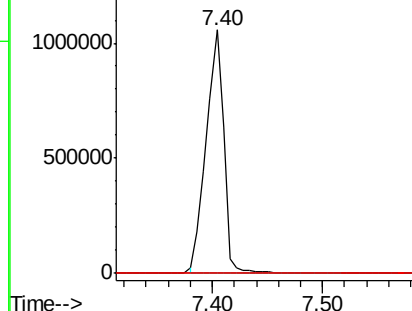
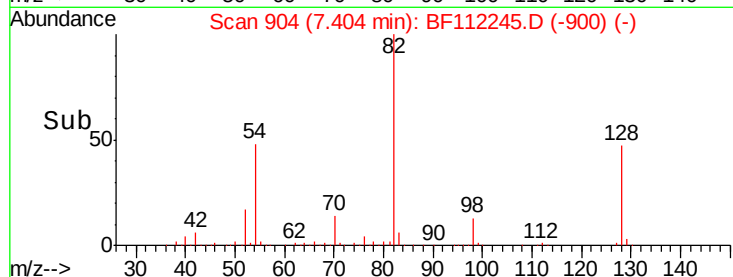
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 0.068 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

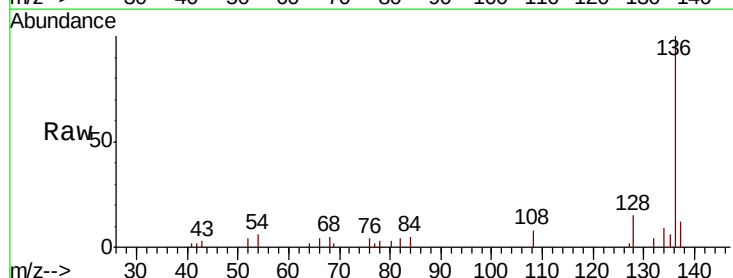
Tgt Ion: 128 Resp: 2280

Ion Ratio Lower Upper

128 100

129 0.0 9.6 14.4#

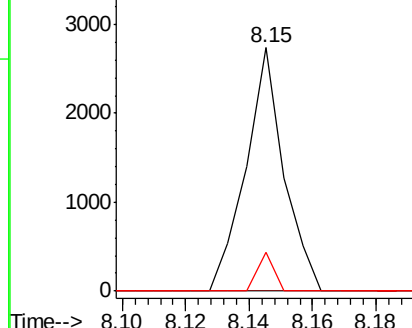
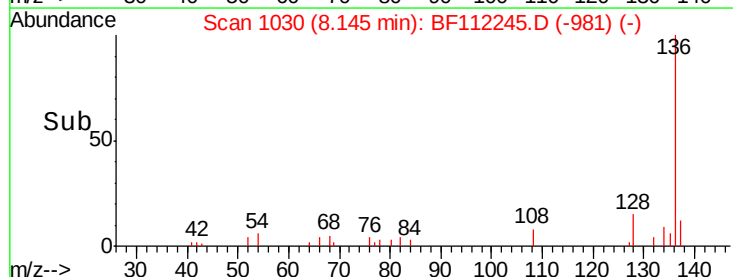
127 15.8 11.1 16.7

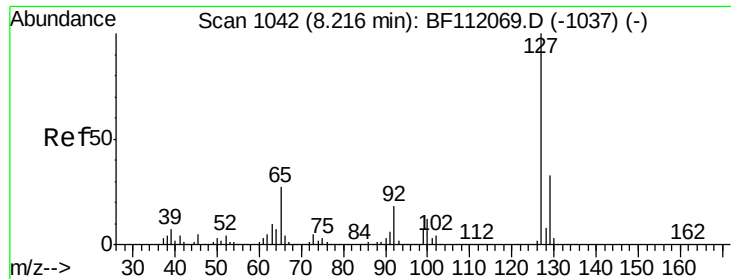


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

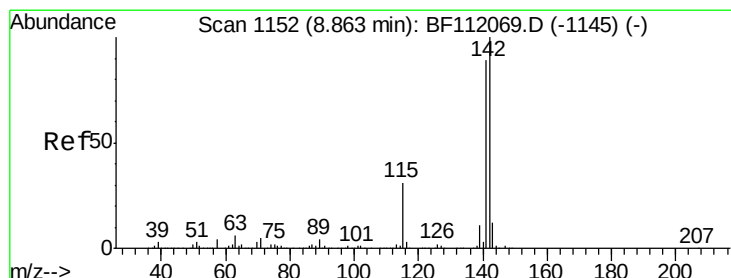
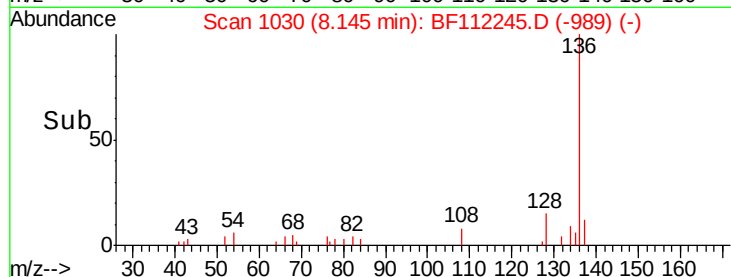
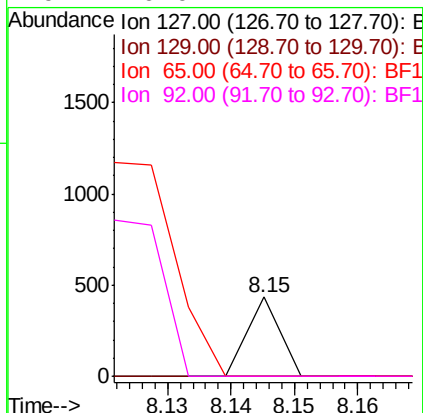
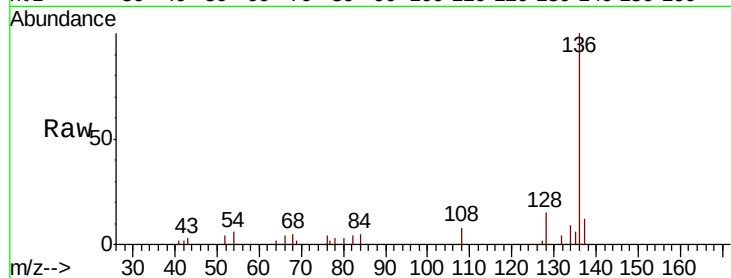




#33
4-Chloroaniline
Concen: 0.011 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

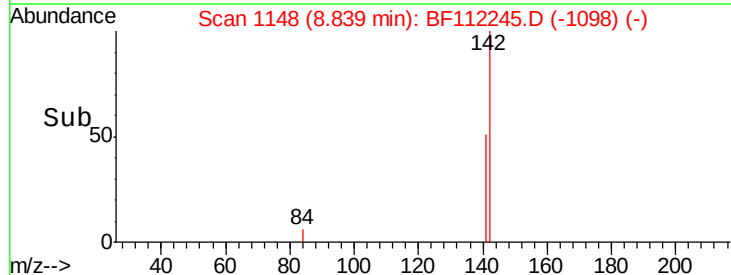
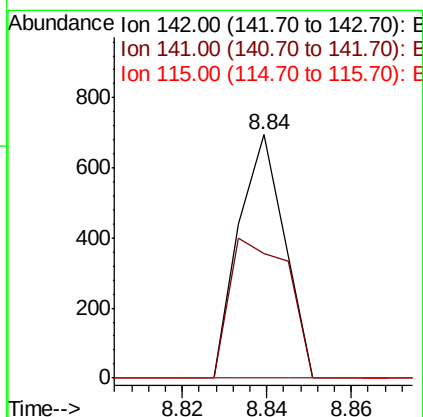
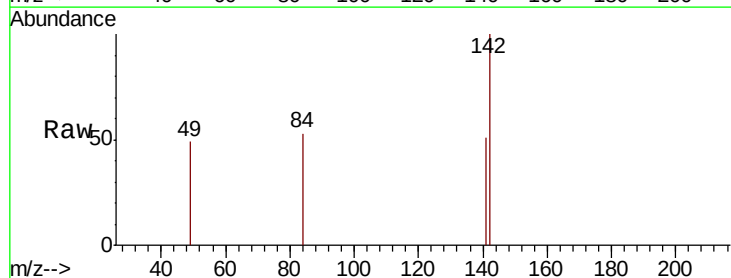
Instrument :
BNA_F
ClientSampleId :
S4

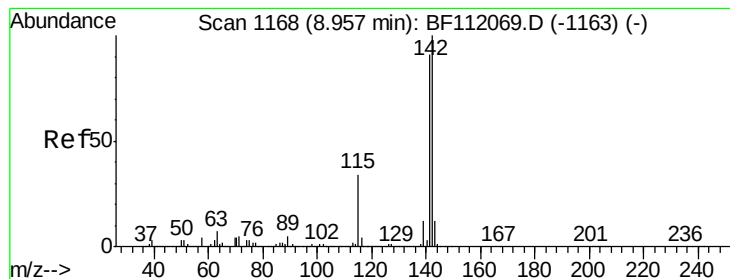
Tgt Ion:	127	Resp:	153
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	39.8#
65	0.0	21.4	32.2#
92	0.0	14.2	21.2#



#37
2-Methylnaphthalene
Concen: 0.023 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:	142	Resp:	524
Ion	Ratio	Lower	Upper
142	100		
141	51.4	70.9	106.3#
115	0.0	24.9	37.3#





#38

1-Methylnaphthalene

Concen: 0.006 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

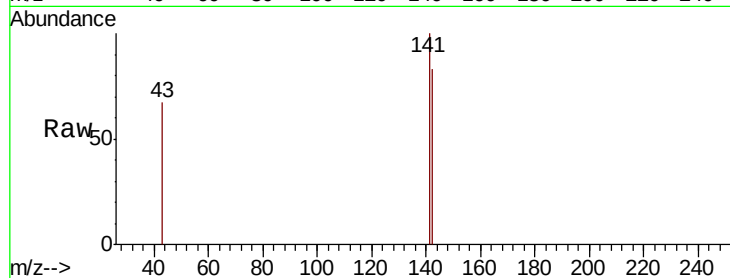
Tgt Ion:142 Resp: 139

Ion Ratio Lower Upper

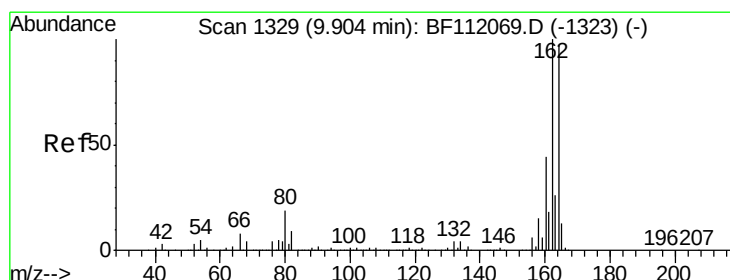
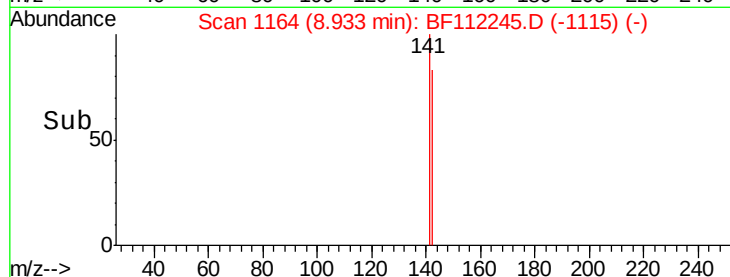
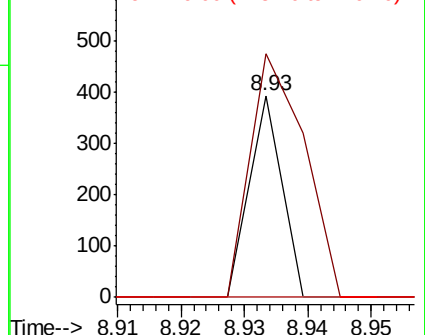
142 100

141 120.8 72.6 108.8#

116 0.0 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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

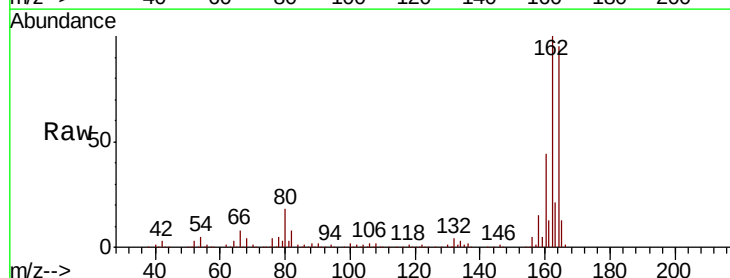
Tgt Ion:164 Resp: 345221

Ion Ratio Lower Upper

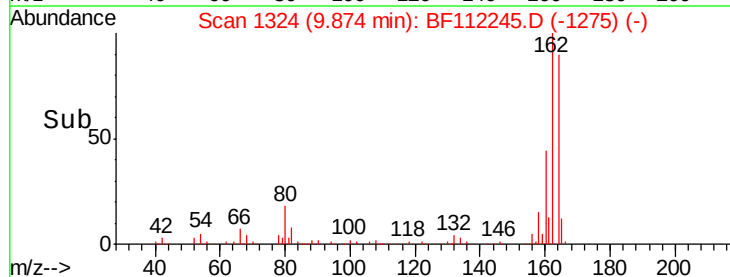
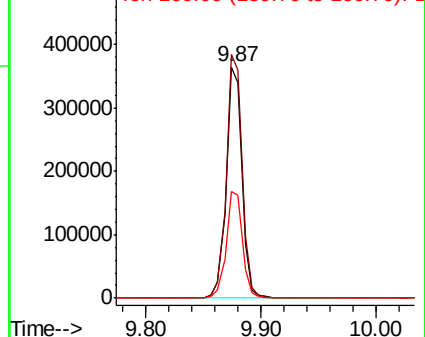
164 100

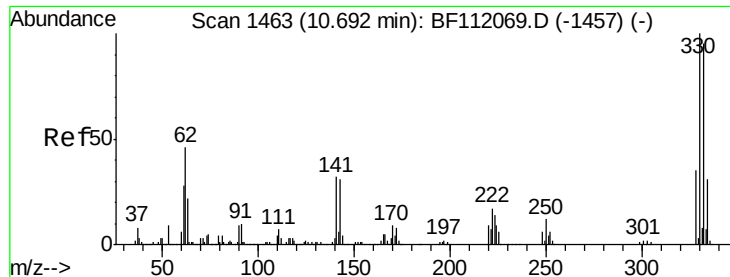
162 105.3 82.2 123.4

160 46.0 36.2 54.4



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

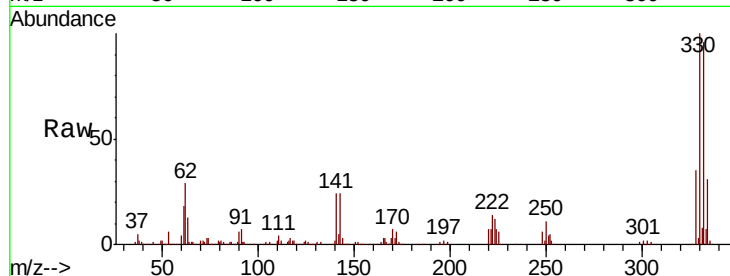




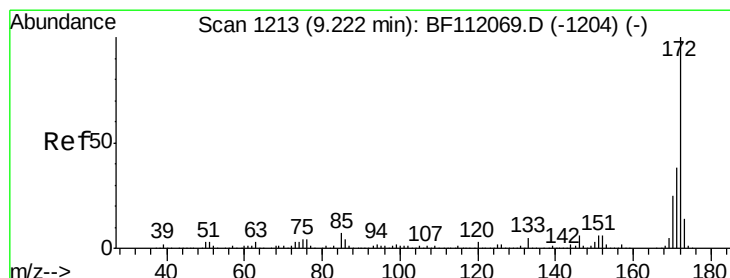
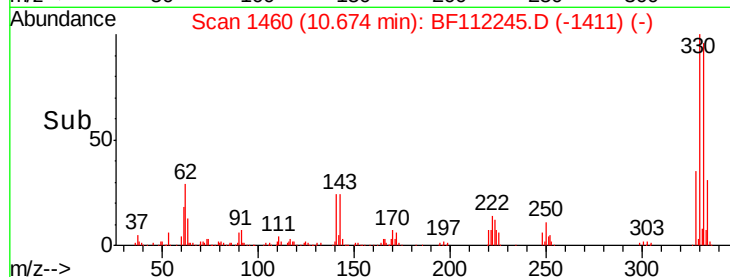
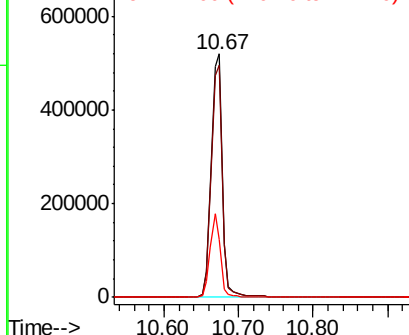
#42
 2,4,6-Tribromophenol
 Concen: 131.889 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	32.5	24.3	36.5

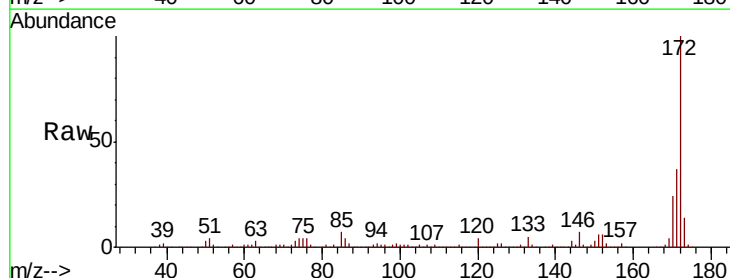


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

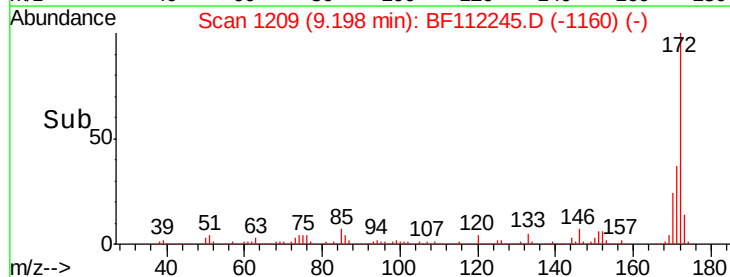
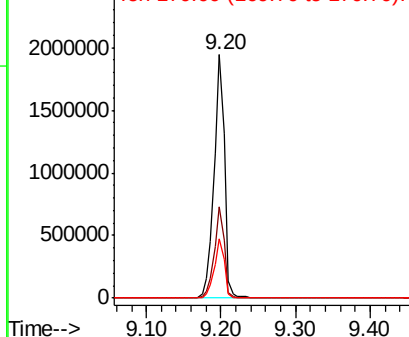


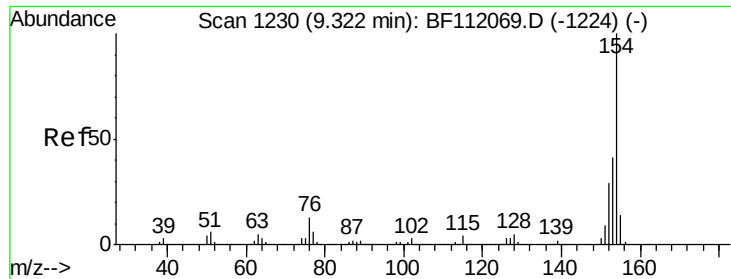
#45
 2-Fluorobiphenyl
 Concen: 77.146 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.5	20.2	30.4



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

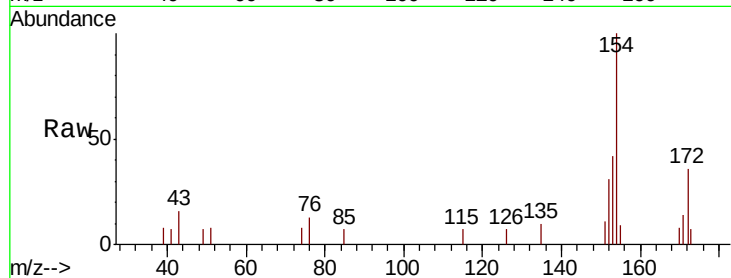




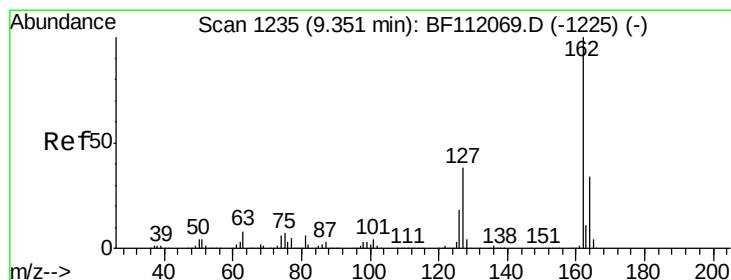
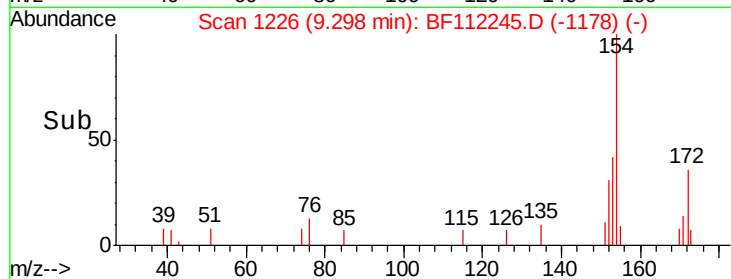
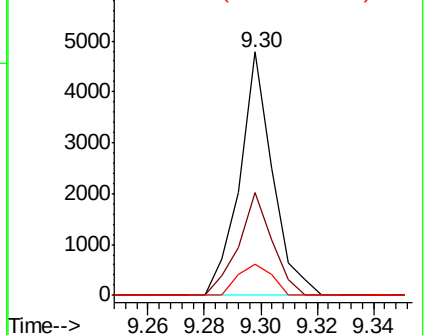
#46
1,1'-Biphenyl
Concen: 0.128 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion:154 Resp: 3866
Ion Ratio Lower Upper
154 100
153 42.4 21.5 61.5
76 12.6 0.0 33.1

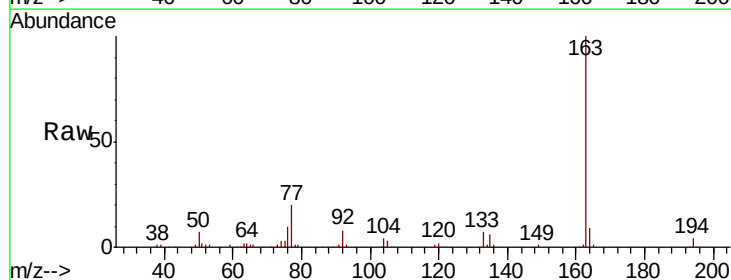


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

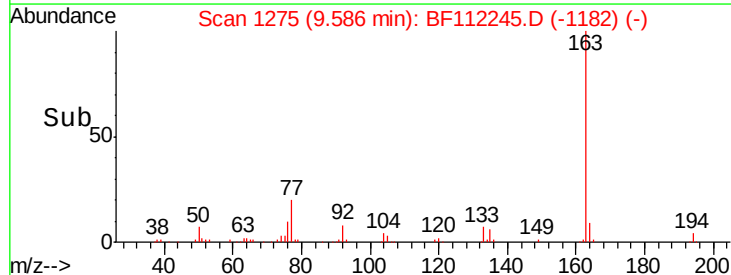
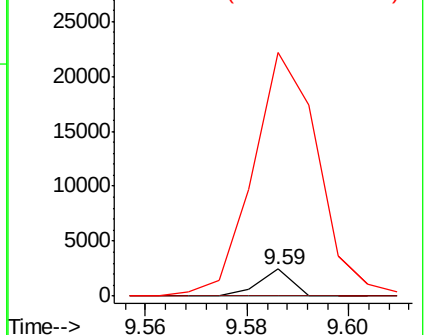


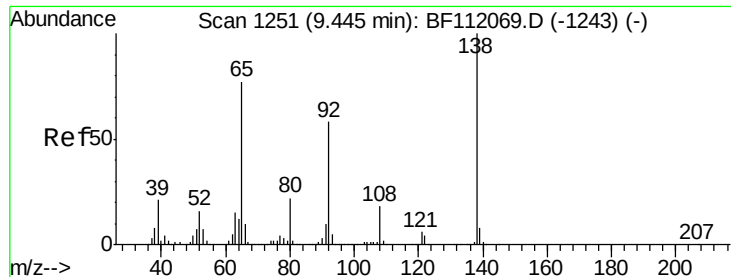
#47
2-Chloronaphthalene
Concen: 0.047 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.25 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:162 Resp: 1103
Ion Ratio Lower Upper
162 100
127 0.0 30.4 45.6#
164 901.2 27.4 41.2#



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

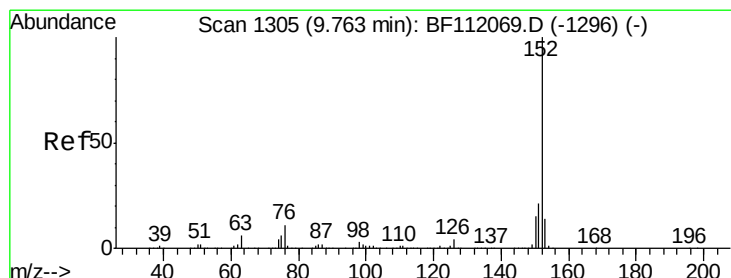
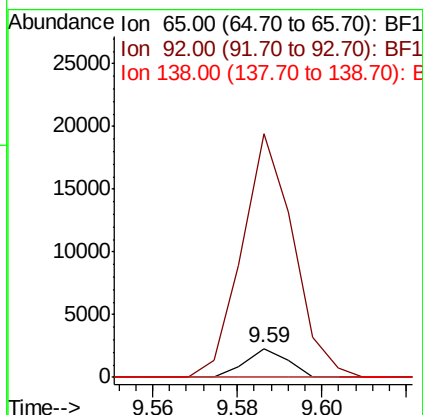
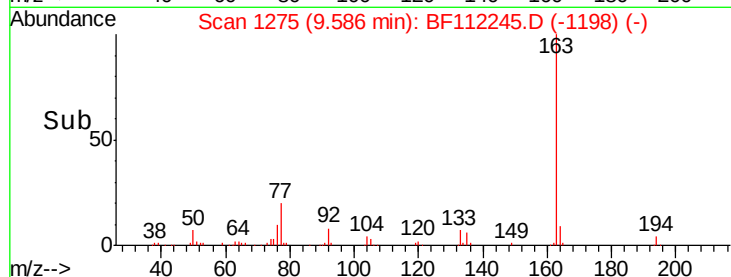
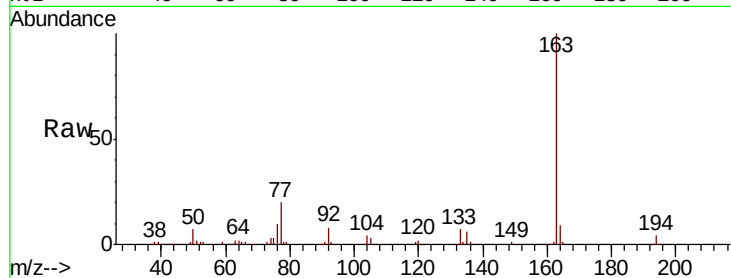




#48
2-Nitroaniline
Concen: 0.251 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.15 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

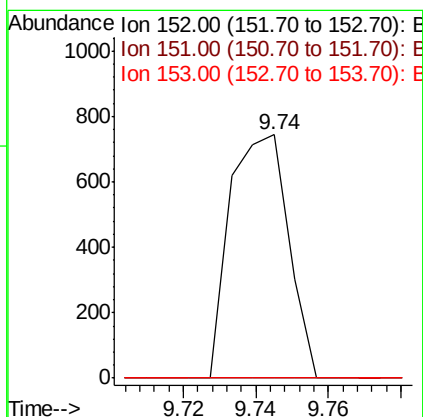
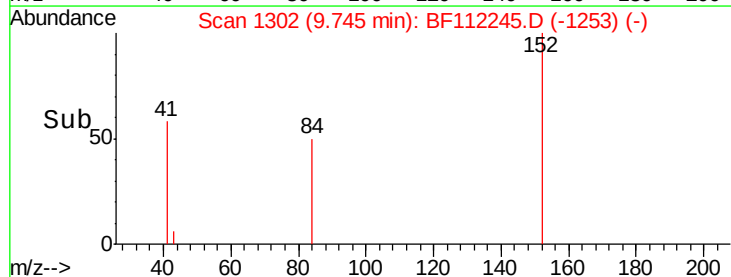
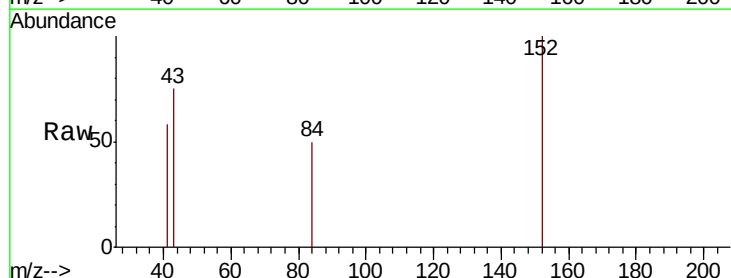
Instrument :
BNA_F
ClientSampleId :
S4

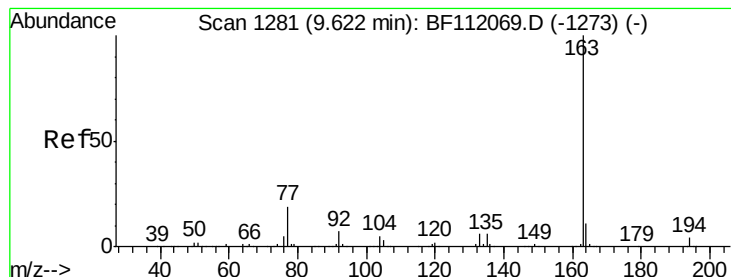
Tgt Ion: 65 Resp: 1598
Ion Ratio Lower Upper
65 100
92 851.2 60.4 90.6#
138 0.0 104.4 156.6#



#49
Acenaphthylene
Concen: 0.024 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion: 152 Resp: 840
Ion Ratio Lower Upper
152 100
151 0.0 17.0 25.6#
153 0.0 11.2 16.8#





#50

Dimethylphthalate

Concen: 7.466 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

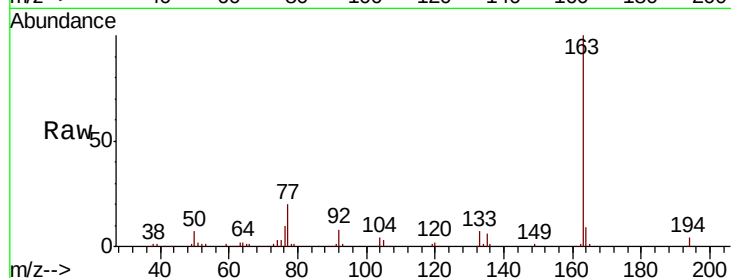
Tgt Ion:163 Resp: 200241

Ion Ratio Lower Upper

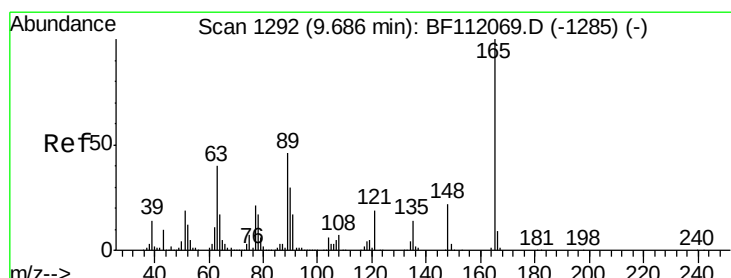
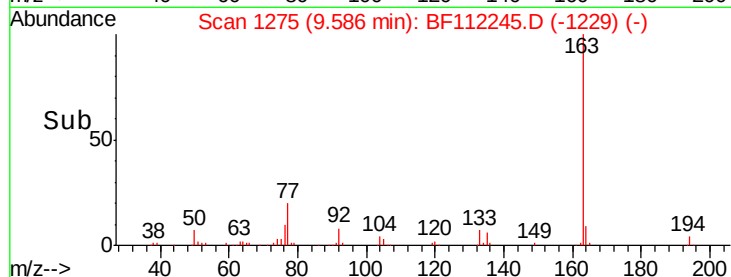
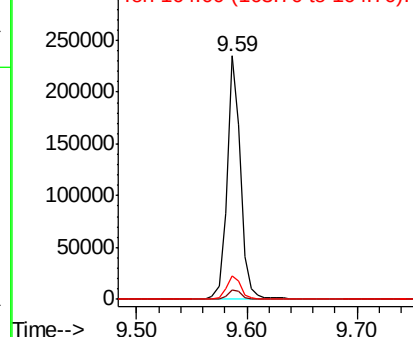
163 100

194 3.6 3.3 4.9

164 9.4 8.5 12.7



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: 0.340 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.09 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

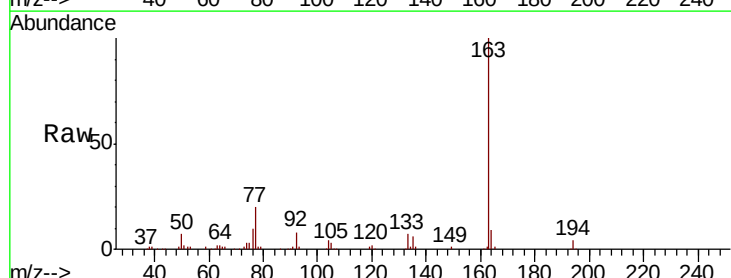
Tgt Ion:165 Resp: 2044

Ion Ratio Lower Upper

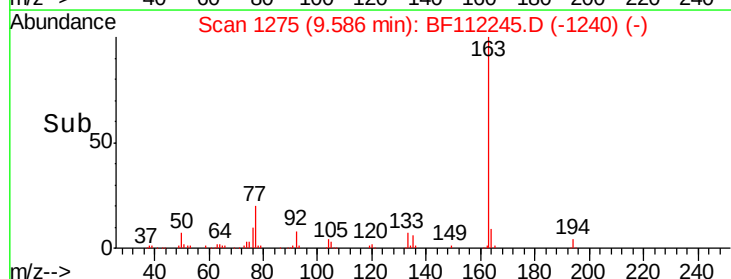
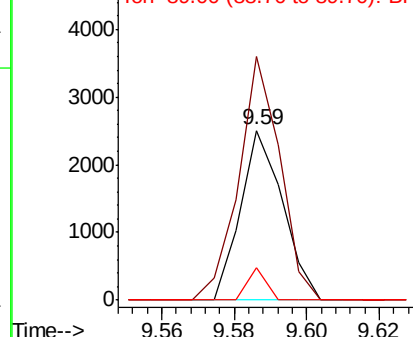
165 100

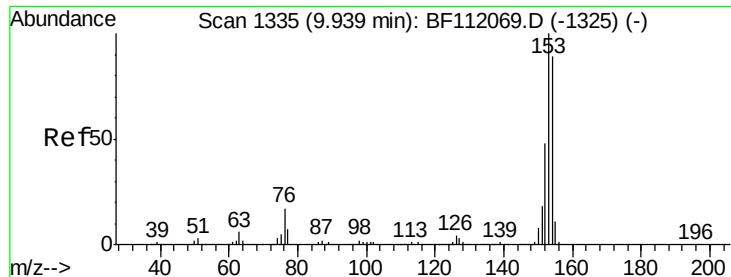
63 143.7 33.8 50.8#

89 18.8 36.9 55.3#



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: 0.144 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

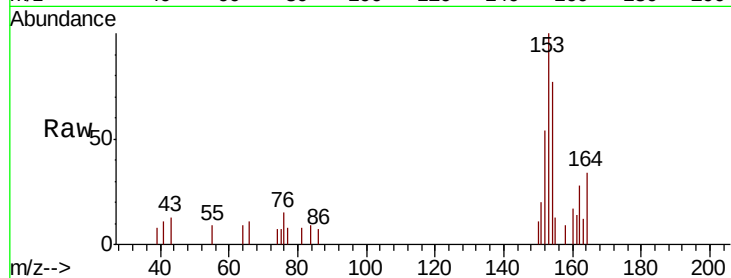
Tgt Ion:154 Resp: 2959

Ion Ratio Lower Upper

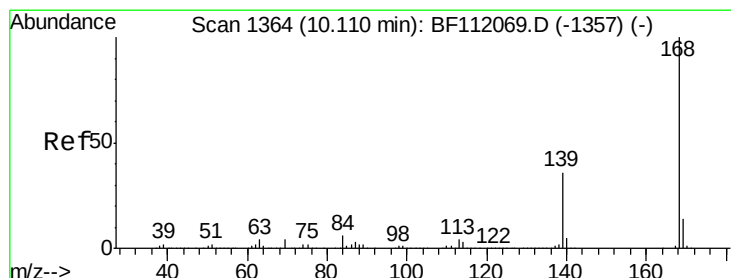
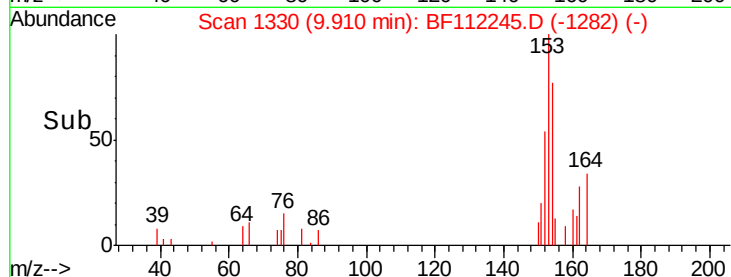
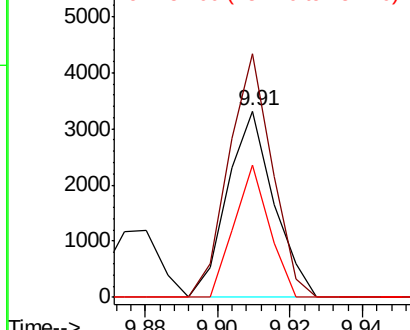
154 100

153 130.6 89.8 134.6

152 70.7 43.5 65.3#



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



#55

Dibenzofuran

Concen: 0.067 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

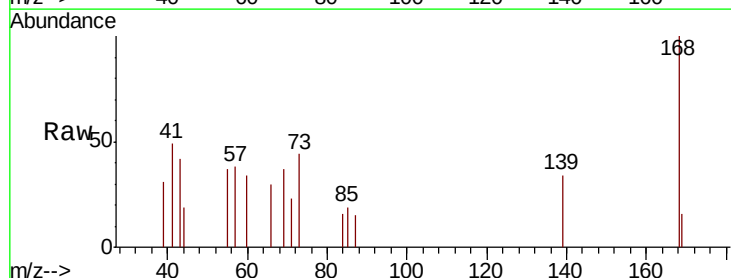
Tgt Ion:168 Resp: 2096

Ion Ratio Lower Upper

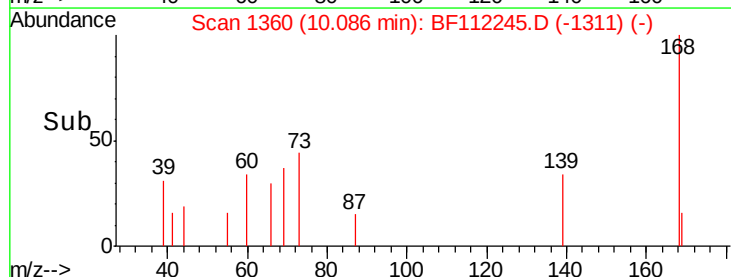
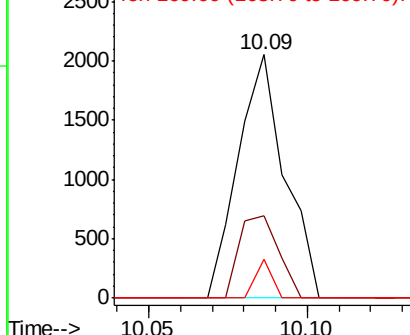
168 100

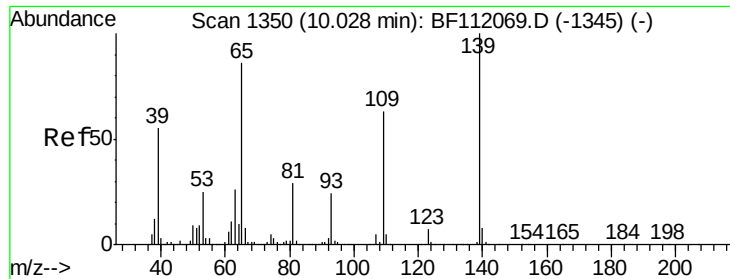
139 33.8 29.2 43.8

169 16.0 11.4 17.0



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

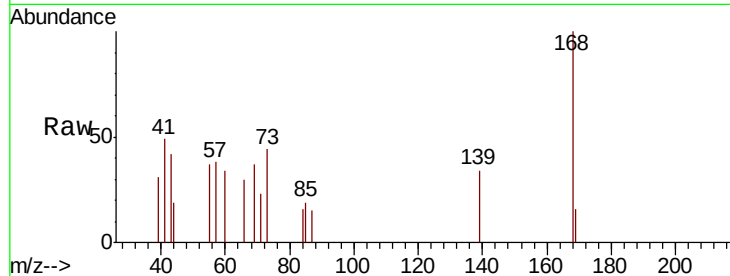




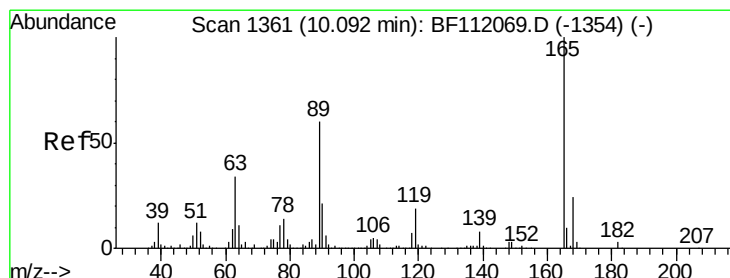
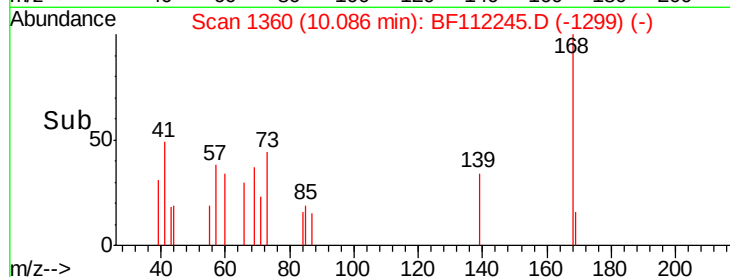
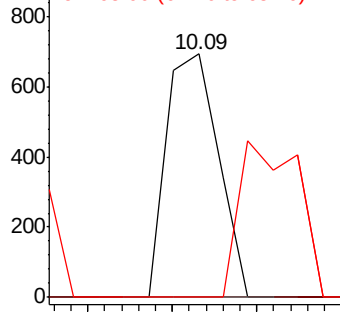
#56
4-Nitrophenol
Concen: 0.172 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.06 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion:139 Resp: 593
Ion Ratio Lower Upper
139 100
109 0.0 42.8 82.8#
65 0.0 66.1 106.1#

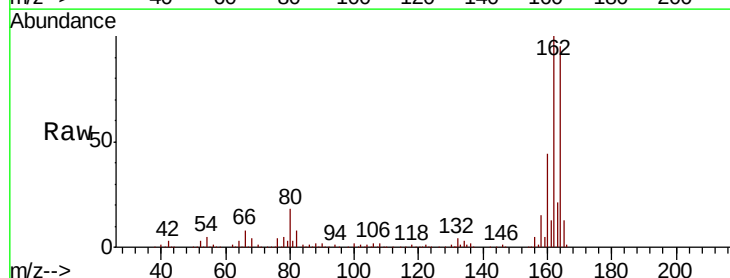


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

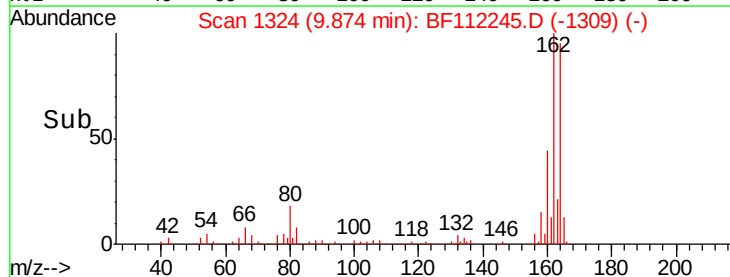
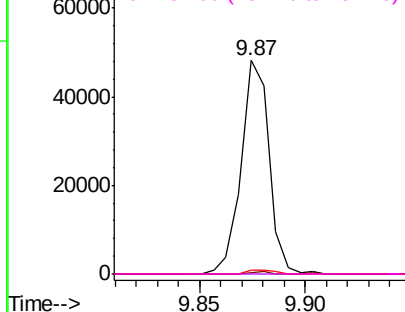


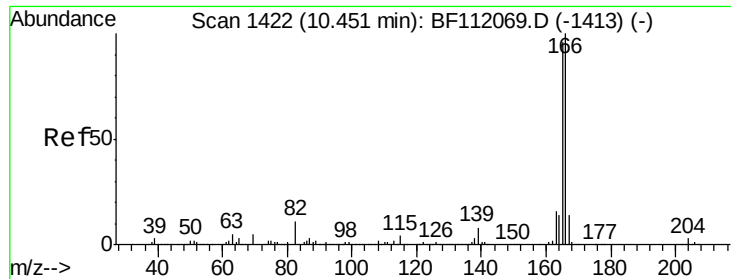
#57
2,4-Dinitrotoluene
Concen: 5.771 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:165 Resp: 44135
Ion Ratio Lower Upper
165 100
63 0.9 27.9 41.9#
89 1.5 47.9 71.9#
182 0.0 2.2 3.4#



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

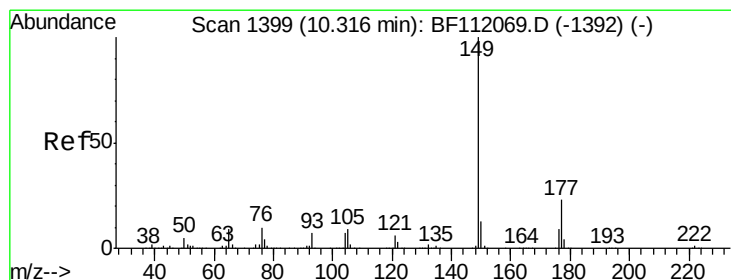
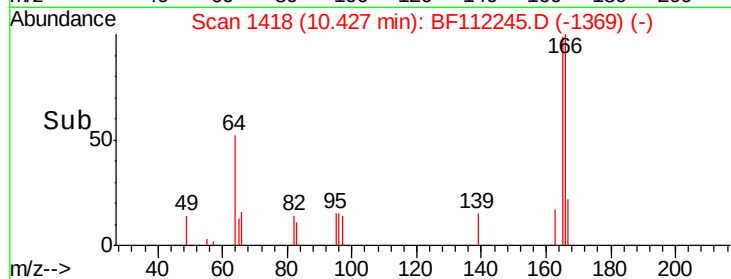
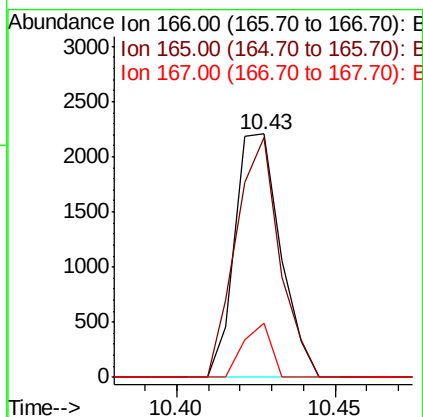
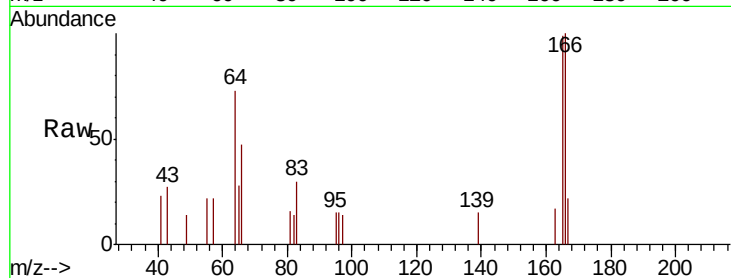




#58
Fluorene
Concen: 0.094 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

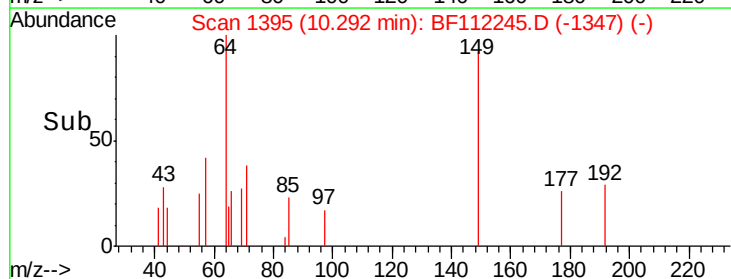
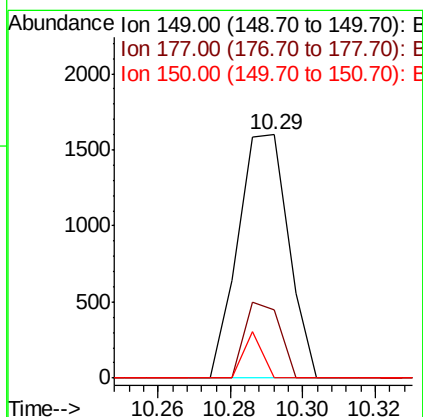
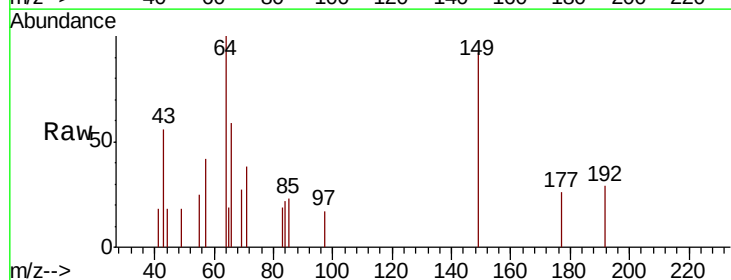
Instrument :
BNA_F
ClientSampleId :
S4

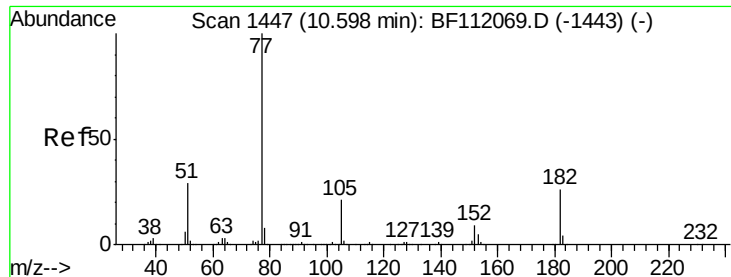
Tgt Ion:166 Resp: 2202
Ion Ratio Lower Upper
166 100
165 98.6 77.1 115.7
167 22.4 11.3 16.9#



#60
Diethylphthalate
Concen: 0.058 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:149 Resp: 1549
Ion Ratio Lower Upper
149 100
177 27.8 18.2 27.2#
150 0.0 10.4 15.6#

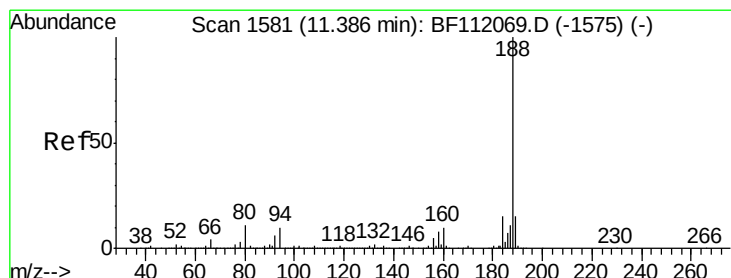
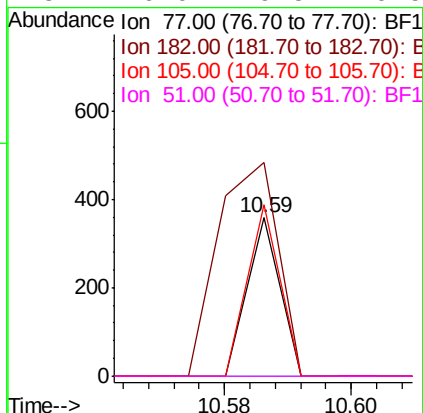
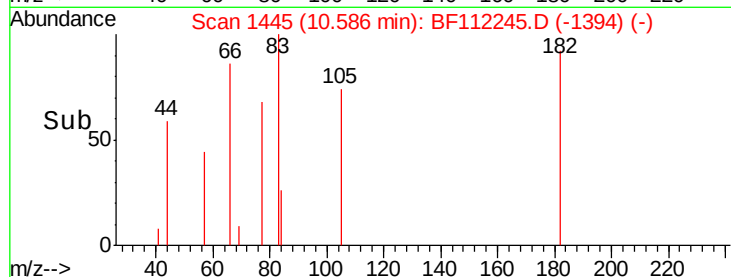
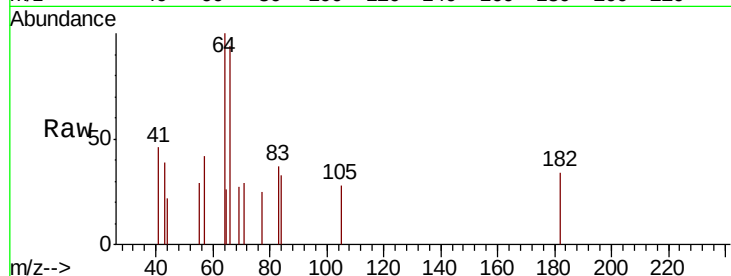




#63
Azobenzene
Concen: 0.005 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

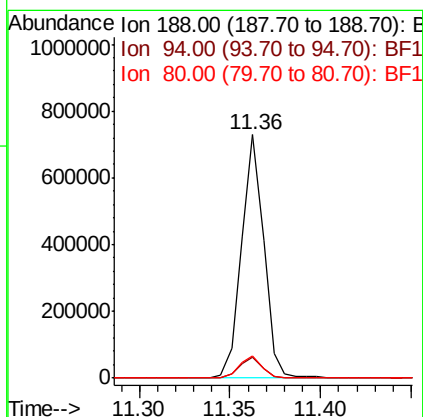
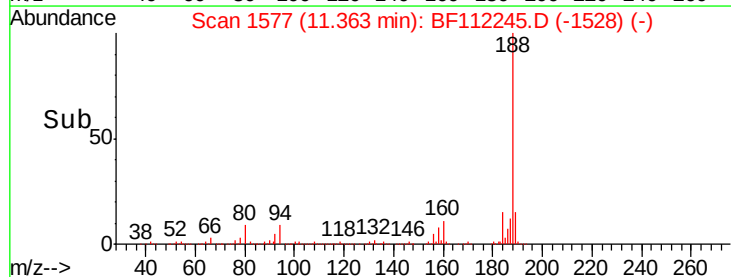
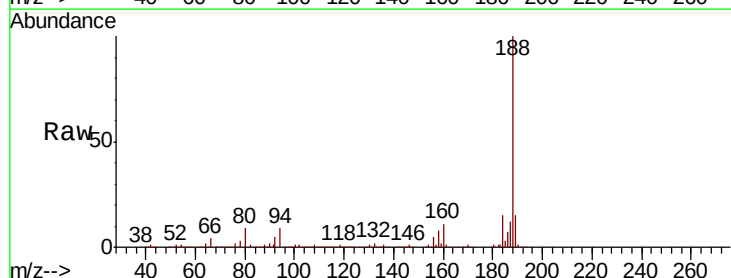
Instrument :
BNA_F
ClientSampleId :
S4

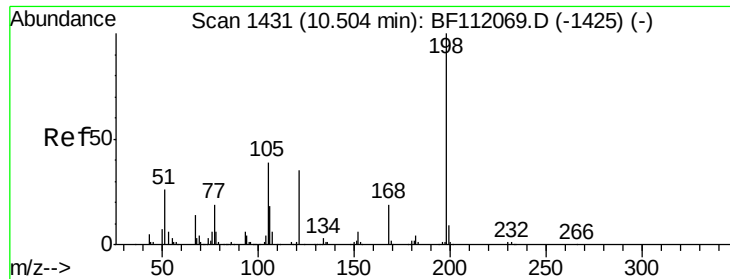
Tgt Ion: 77 Resp: 126
Ion Ratio Lower Upper
77 100
182 135.2 5.7 45.7#
105 108.7 1.4 41.4#
51 0.0 9.5 49.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion: 188 Resp: 623527
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 8.9 8.9 13.3#

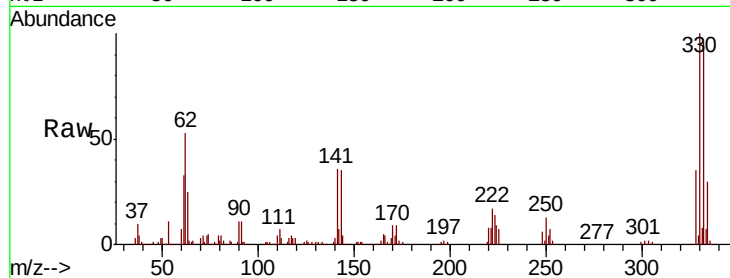




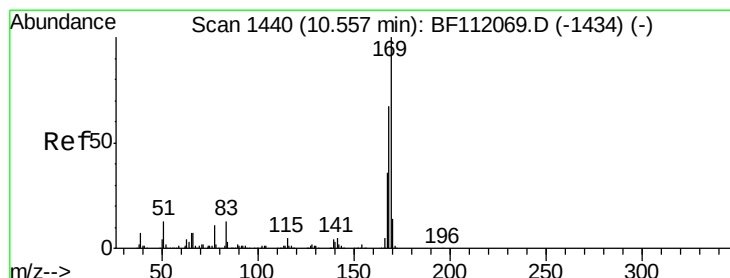
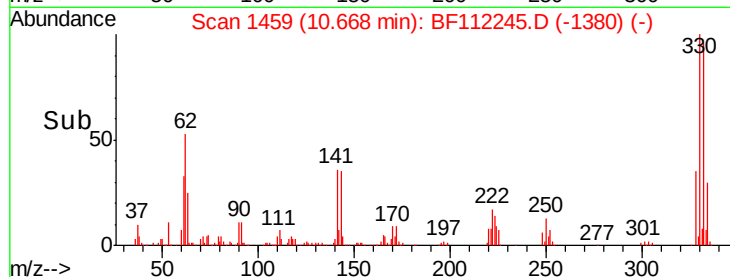
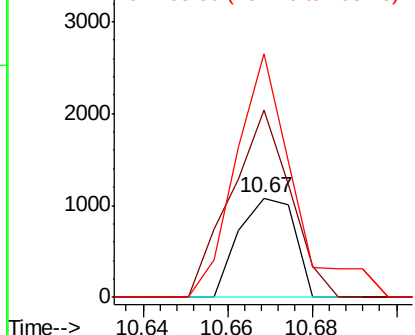
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.285 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.16 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Instrument :
 BNA_F
 ClientSampleId :
 S4

Tgt Ion:198 Resp: 997
 Ion Ratio Lower Upper
 198 100
 51 188.2 17.2 57.2#
 105 245.1 21.9 61.9#

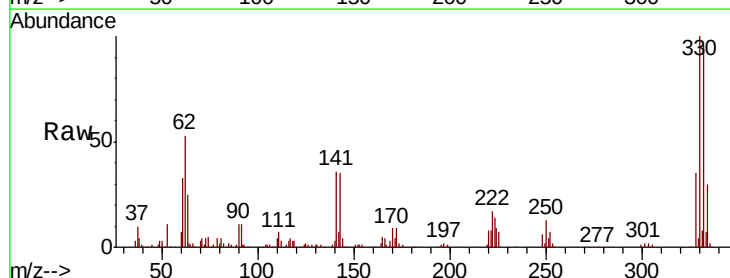


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

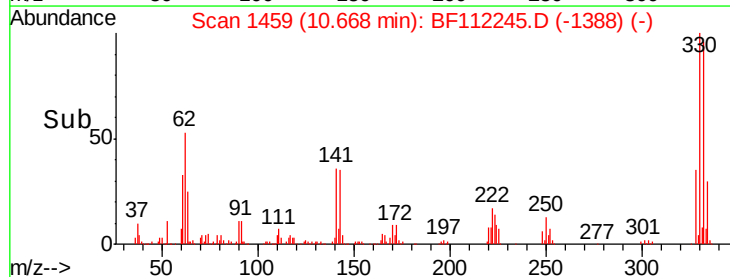
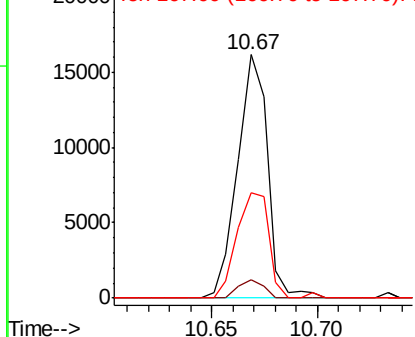


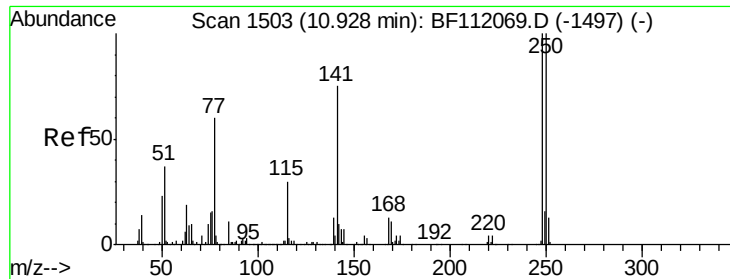
#66
 n-Nitrosodiphenylamine
 Concen: 0.755 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.12 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Tgt Ion:169 Resp: 15866
 Ion Ratio Lower Upper
 169 100
 168 7.4 53.9 80.9#
 167 43.2 28.9 43.3



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

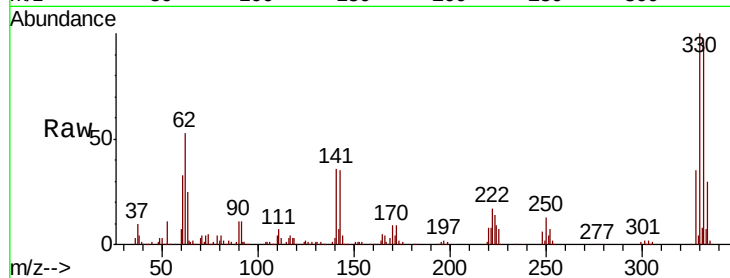




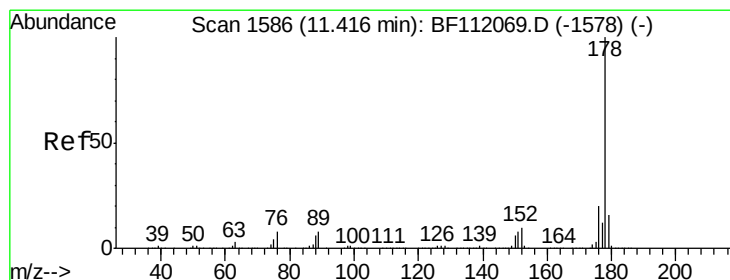
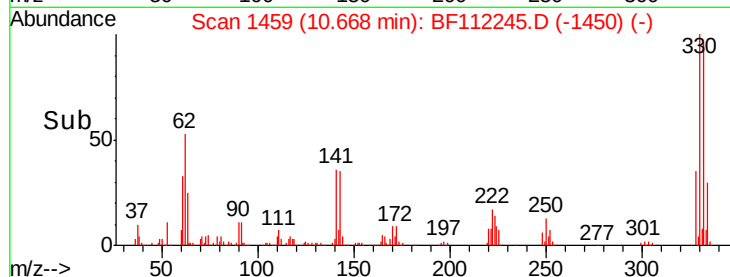
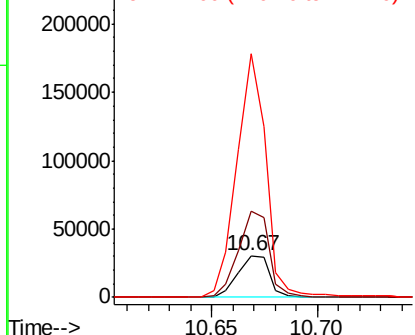
#67
 4-Bromophenyl-phenylether
 Concen: 4.335 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Instrument :
 BNA_F
 ClientSampled :
 S4

Tgt Ion:248 Resp: 31794
 Ion Ratio Lower Upper
 248 100
 250 205.7 79.7 119.5#
 141 582.4 60.3 90.5#

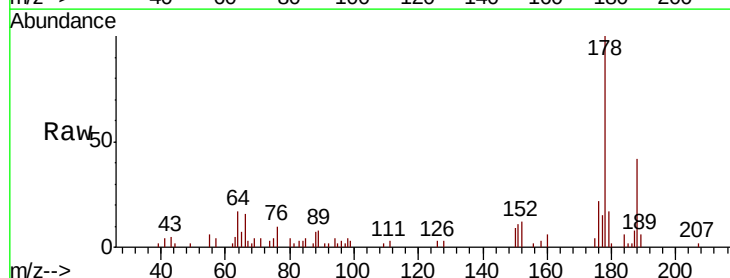


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

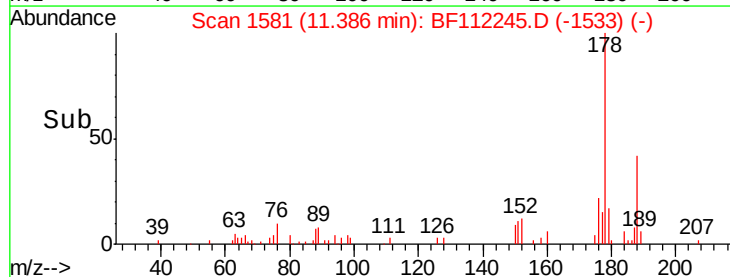
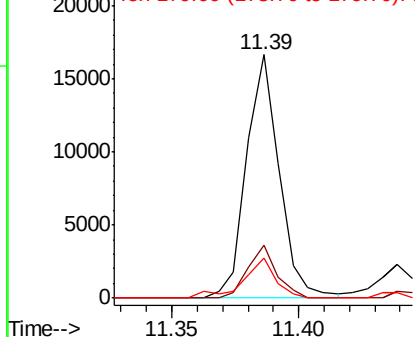


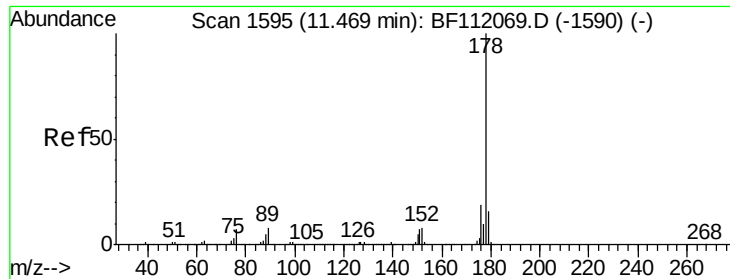
#71
 Phenanthrene
 Concen: 0.465 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Tgt Ion:178 Resp: 15085
 Ion Ratio Lower Upper
 178 100
 176 21.8 16.3 24.5
 179 16.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.074 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

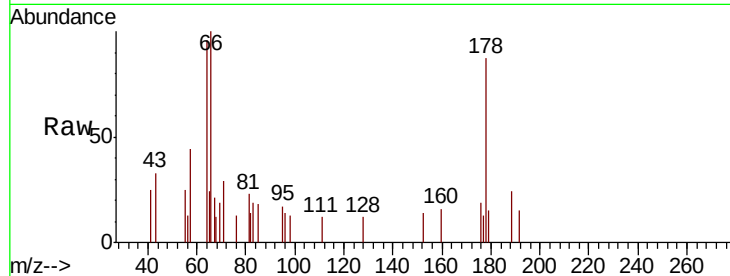
Tgt Ion:178 Resp: 2400

Ion Ratio Lower Upper

178 100

176 21.5 15.5 23.3

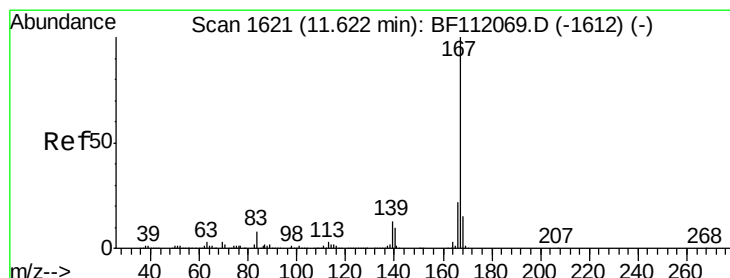
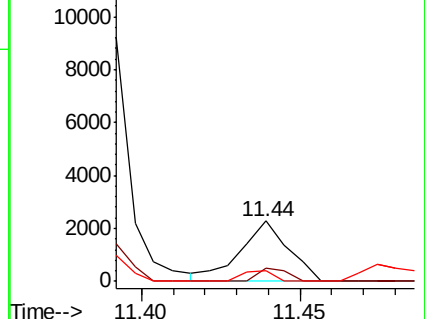
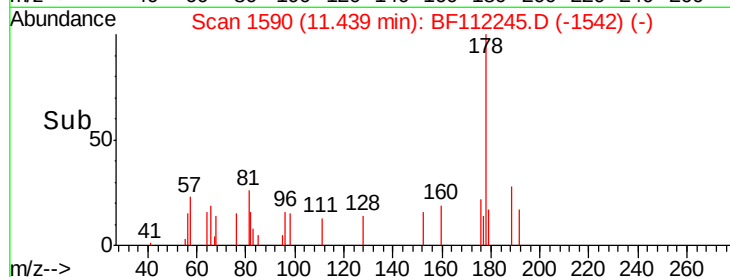
179 17.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.078 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

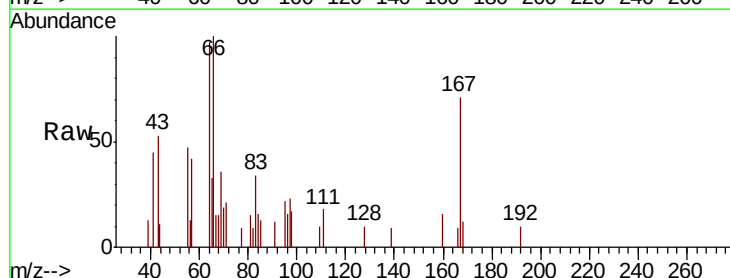
Tgt Ion:167 Resp: 2500

Ion Ratio Lower Upper

167 100

166 13.0 17.9 26.9#

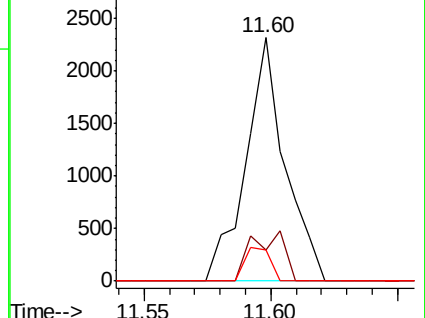
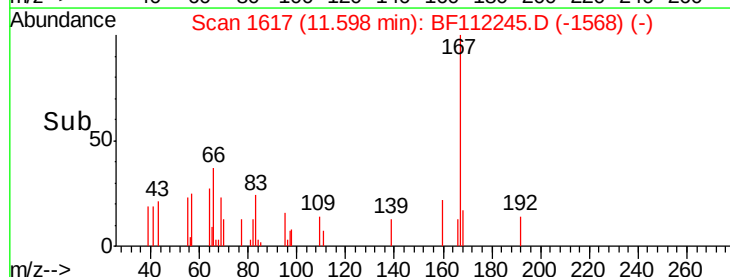
139 13.0 10.2 15.2

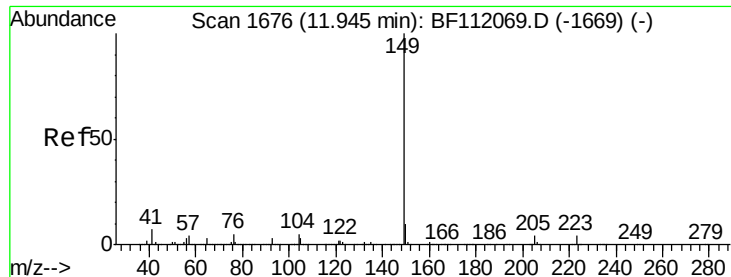


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.122 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

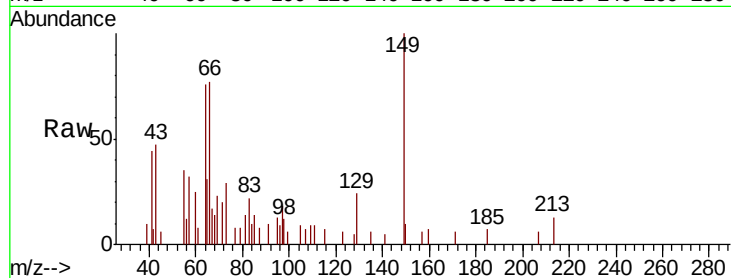
Tgt Ion:149 Resp: 4808

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

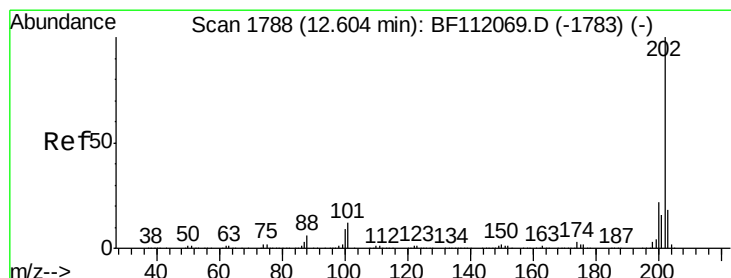
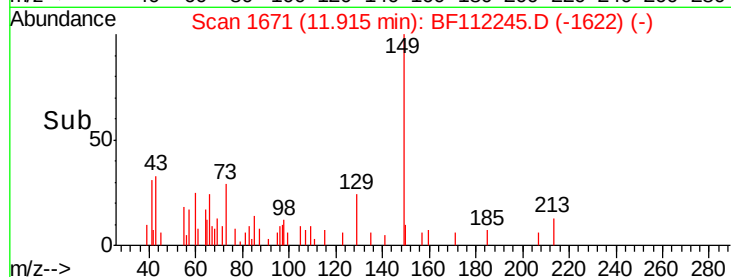
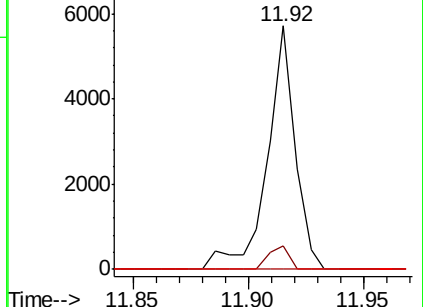
104 0.0 3.9 5.9#



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: 0.733 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

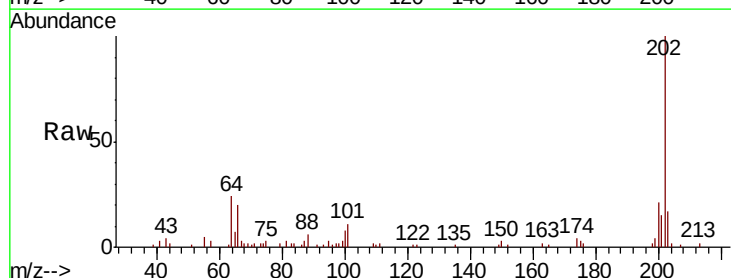
Tgt Ion:202 Resp: 25487

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.8

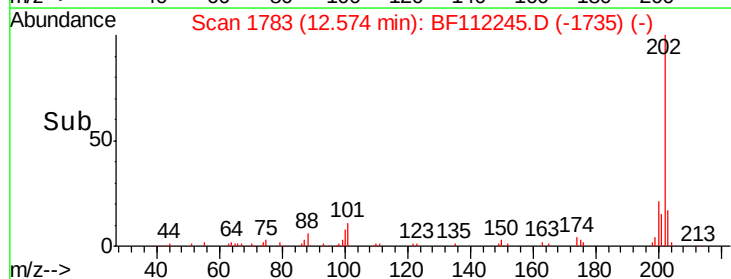
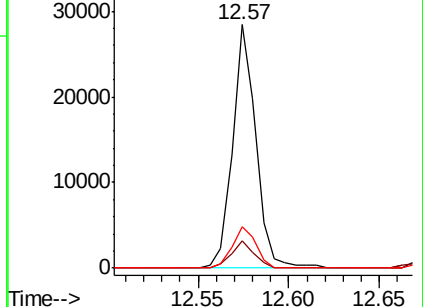
203 16.9 0.0 38.4

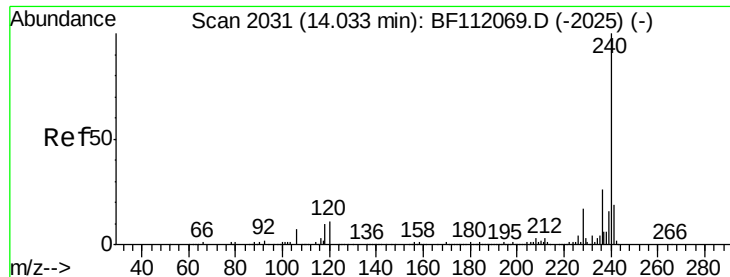


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

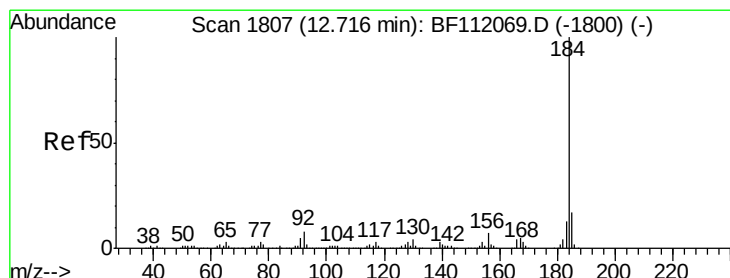
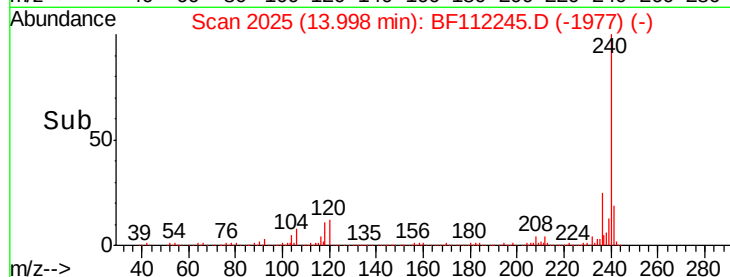
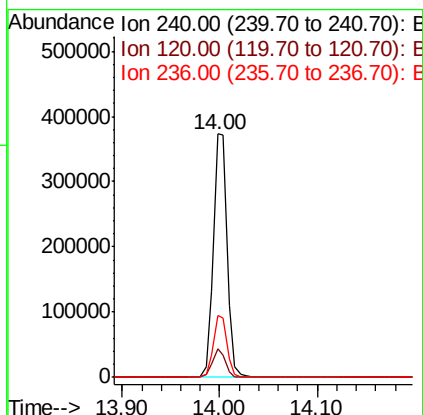
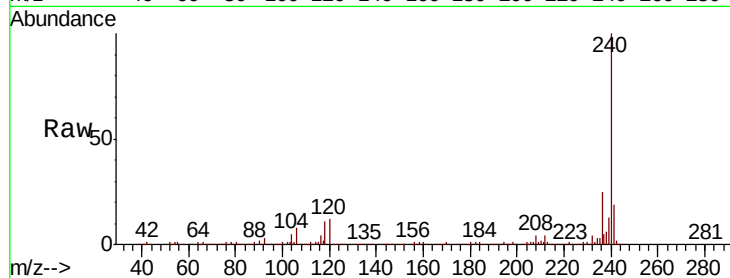




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

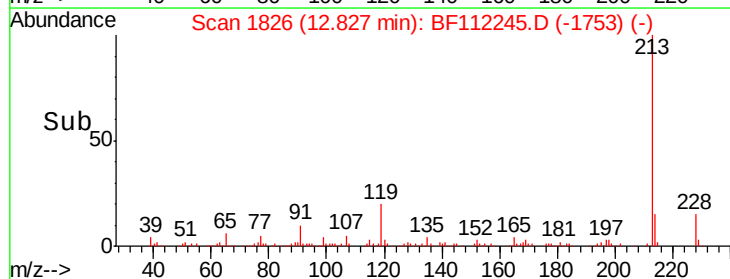
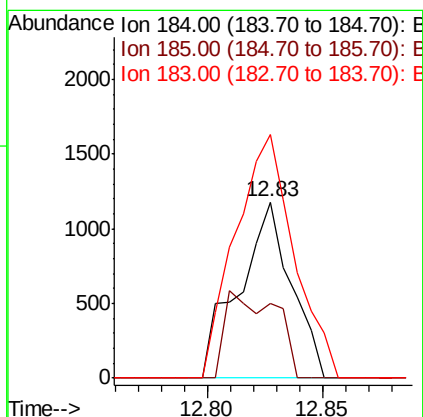
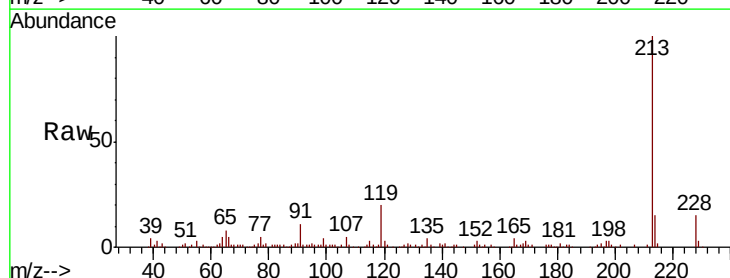
Instrument :
BNA_F
ClientSampled :
S4

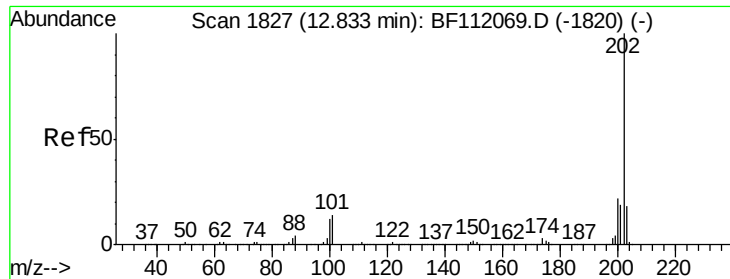
Tgt Ion:240 Resp: 365973
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.6
236 25.3 20.7 31.1



#77
Benzidine
Concen: 0.185 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.13 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:184 Resp: 1859
Ion Ratio Lower Upper
184 100
185 42.7 13.9 20.9#
183 138.5 10.0 15.0#

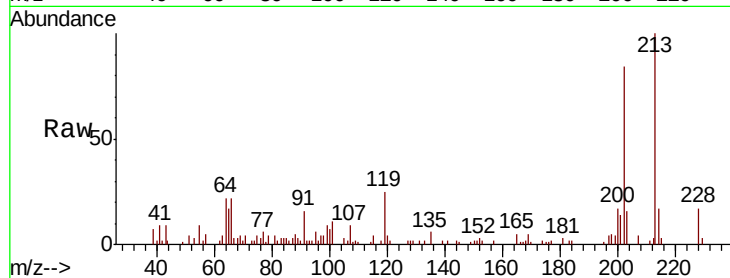




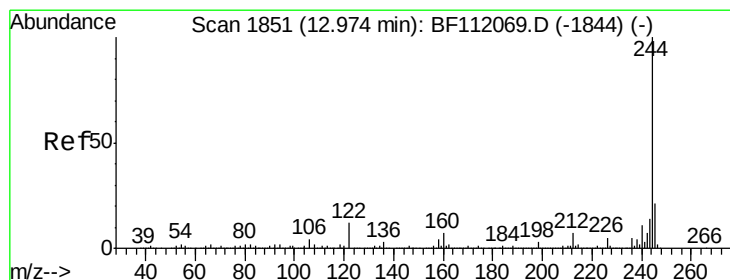
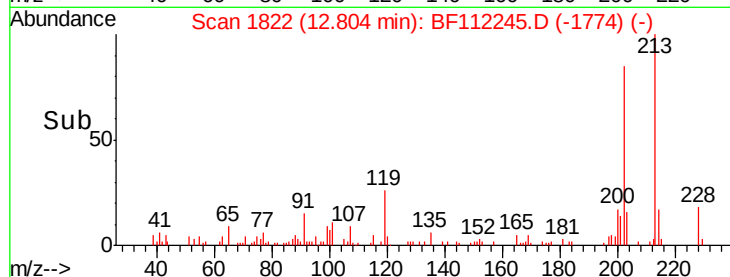
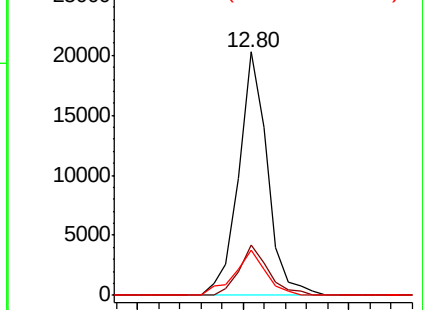
#78
 Pyrene
 Concen: 0.751 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.02 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Instrument :
 BNA_F
 ClientSampled :
 S4

Tgt Ion: 202 Resp: 19018
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.7 26.5
 203 18.8 14.6 22.0

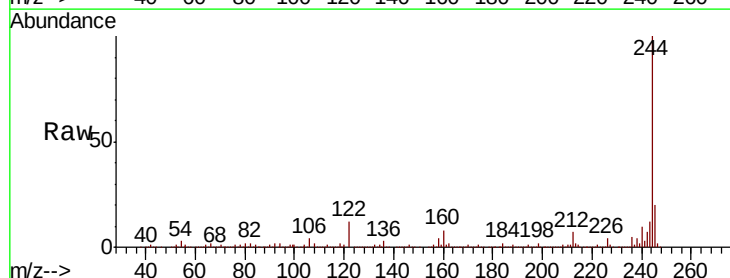


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

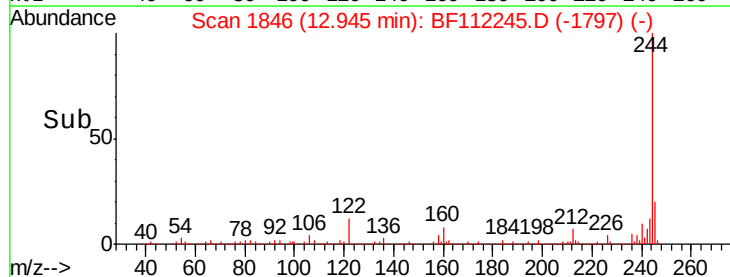
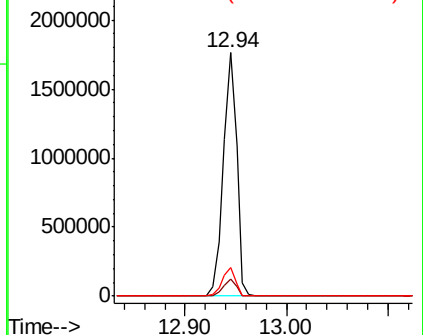


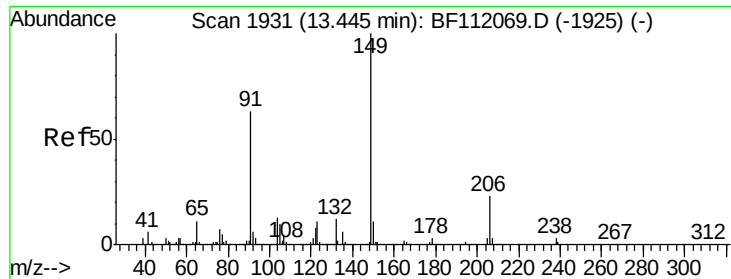
#79
 Terphenyl-d14
 Concen: 83.372 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112245.D
 Acq: 25 Jan 2019 21:22

Tgt Ion: 244 Resp: 1620012
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.5 9.8 14.6



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

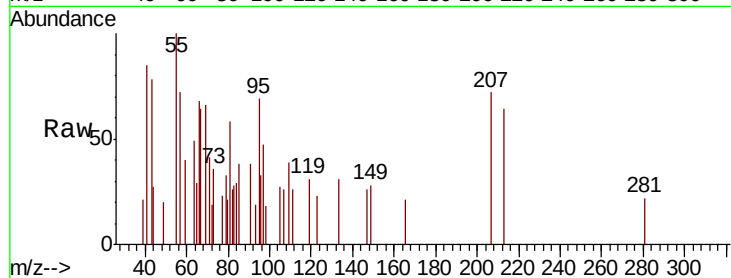




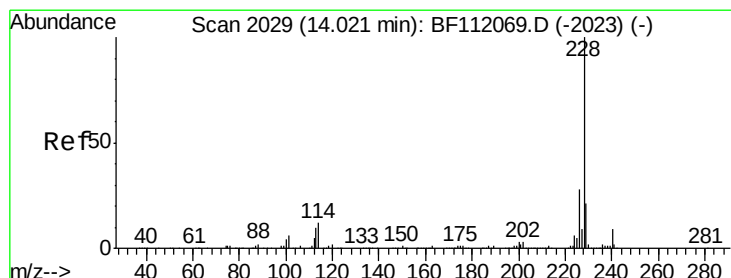
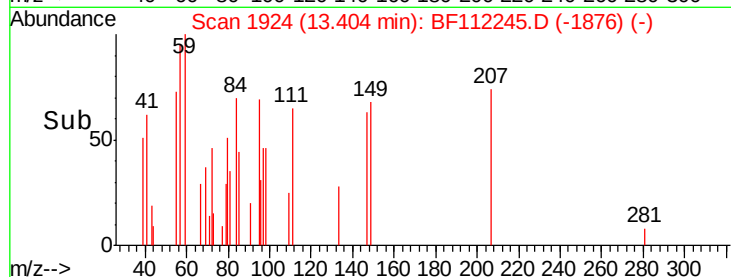
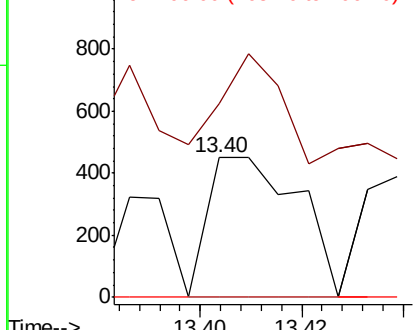
#80
Butylbenzylphthalate
Concen: 0.045 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Instrument :
BNA_F
ClientSampled :
S4

Tgt Ion:149 Resp: 557
Ion Ratio Lower Upper
149 100
91 138.9 50.3 75.5#
206 0.0 18.2 27.4#

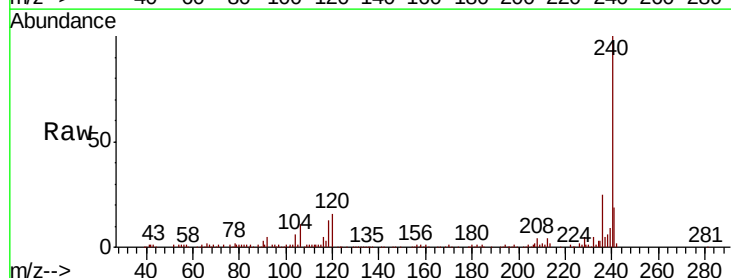


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

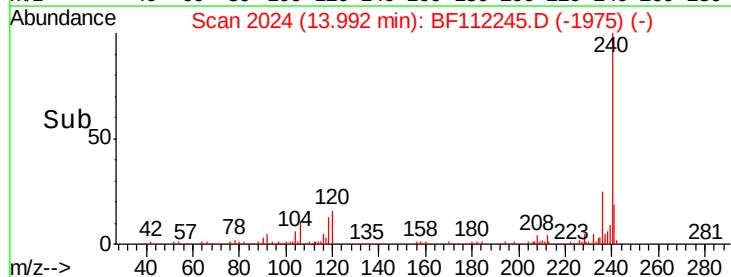
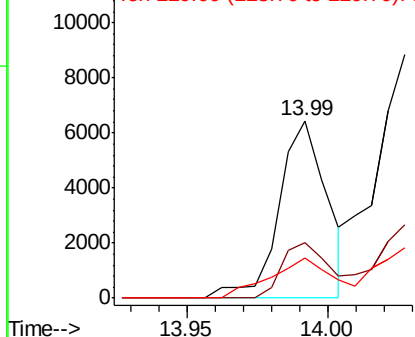


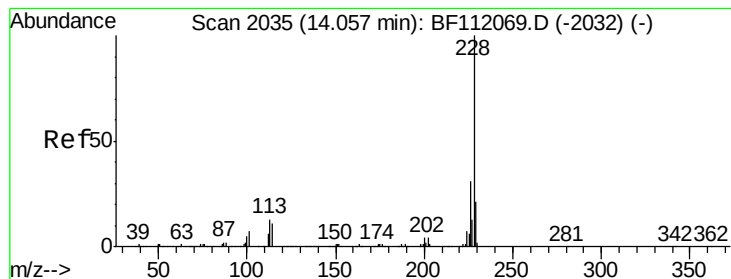
#81
Benzo(a)anthracene
Concen: 0.355 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:228 Resp: 7644
Ion Ratio Lower Upper
228 100
226 31.3 22.6 34.0
229 22.9 16.5 24.7



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





#83

Chrysene

Concen: 0.501 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampleId :

S4

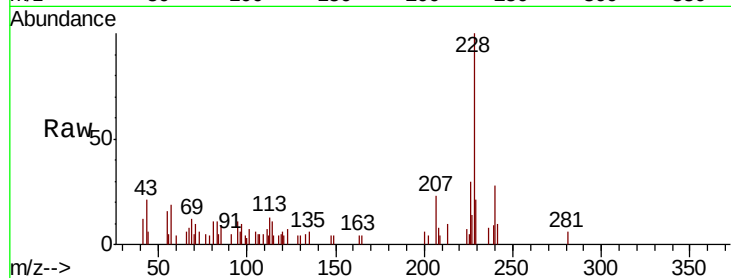
Tgt Ion:228 Resp: 10279

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

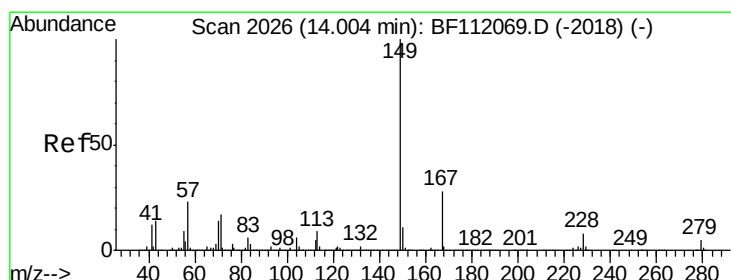
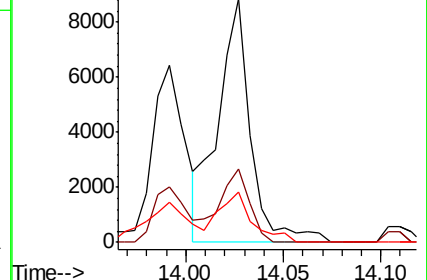
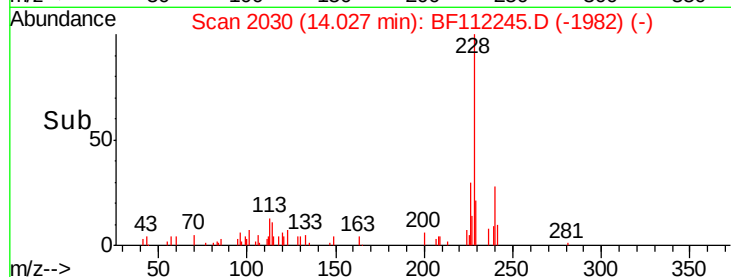
229 20.9 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.248 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

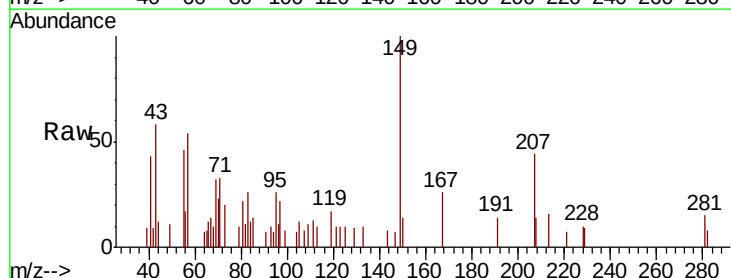
Tgt Ion:149 Resp: 4321

Ion Ratio Lower Upper

149 100

167 25.9 22.5 33.7

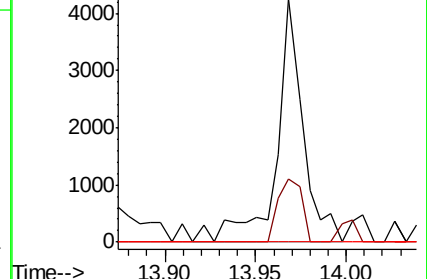
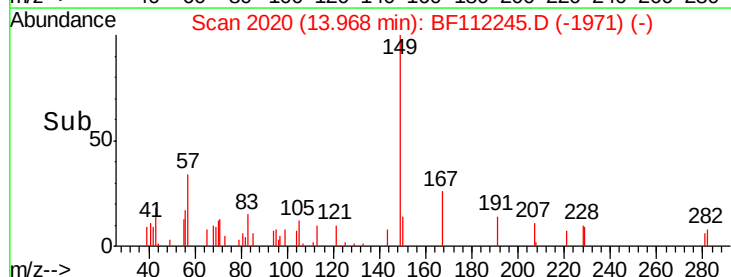
279 0.0 3.8 5.6#

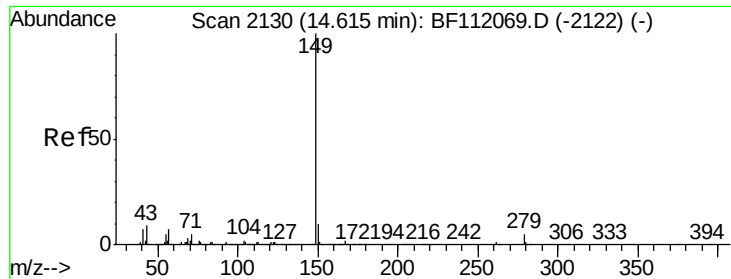


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

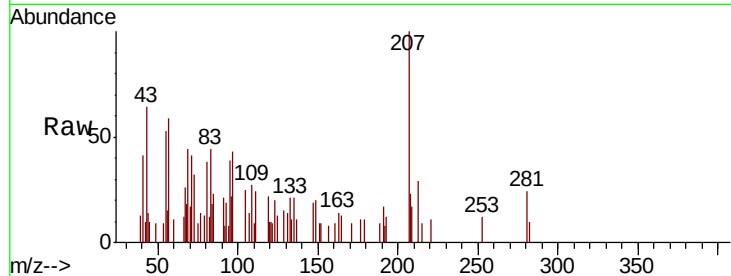




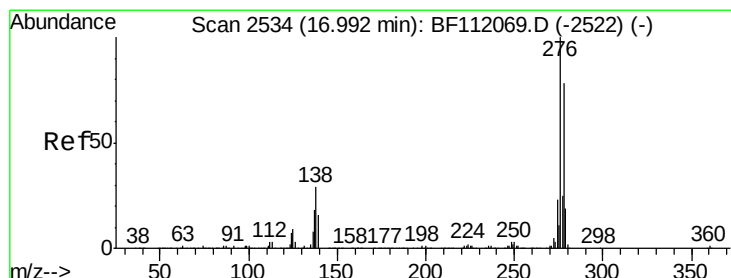
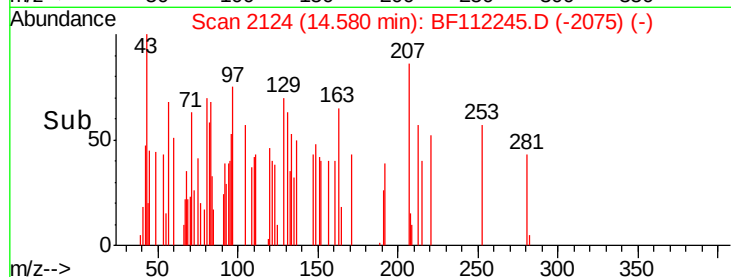
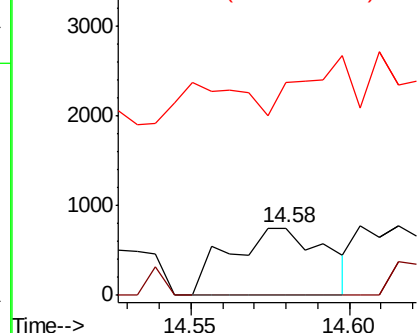
#85
Di-n-octyl phthalate
Concen: 0.059 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Instrument :
BNA_F
ClientSampled :
S4

Tgt Ion:149 Resp: 1584
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.8 11.6#

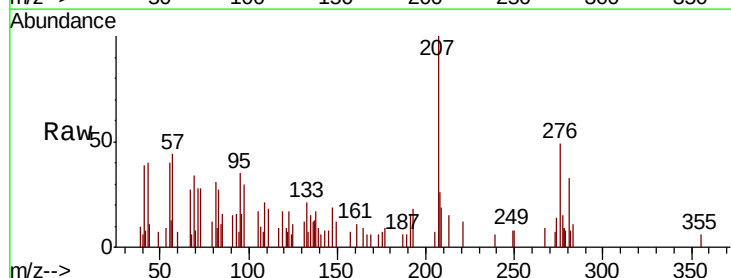


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

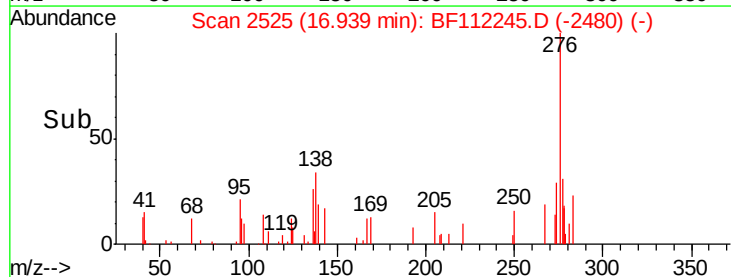
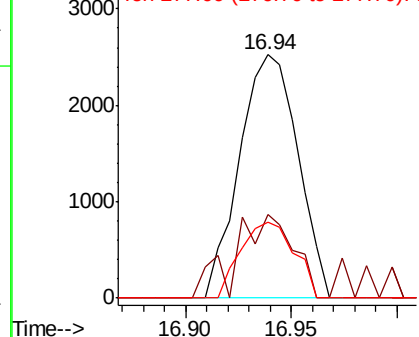


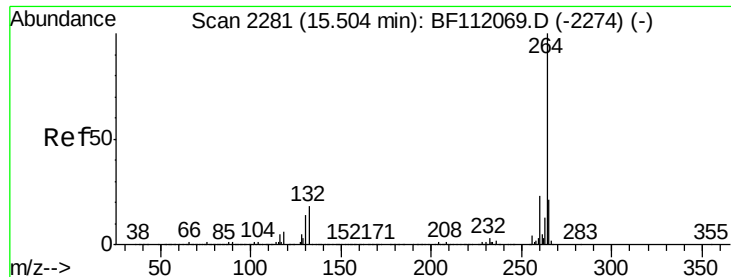
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.04 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:276 Resp: 4837
Ion Ratio Lower Upper
276 100
138 34.7 22.6 34.0#
277 28.8 20.3 30.5



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



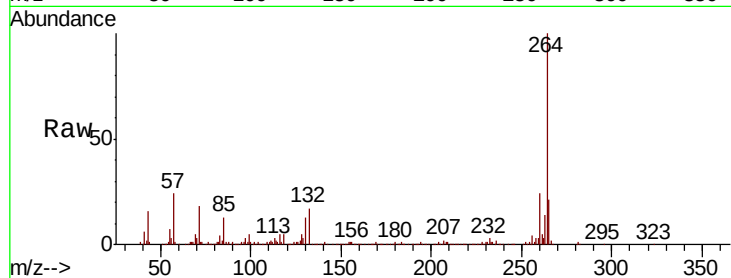


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion: 264 Resp: 363162

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.1	17.0	25.4

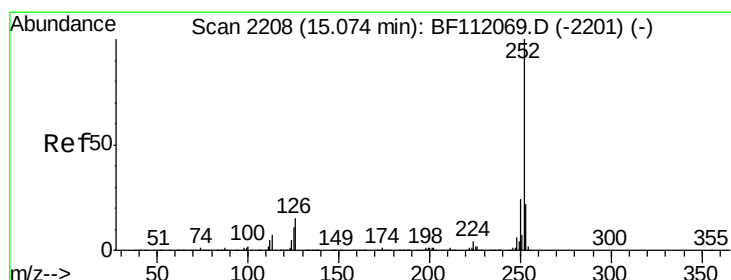
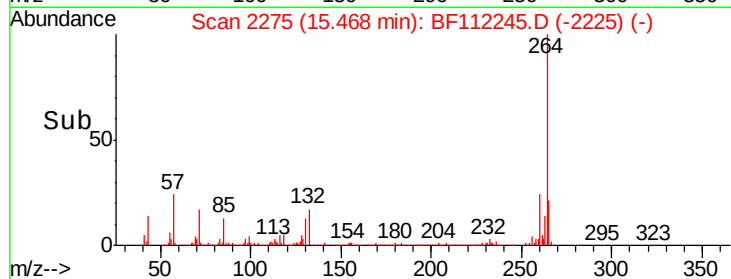
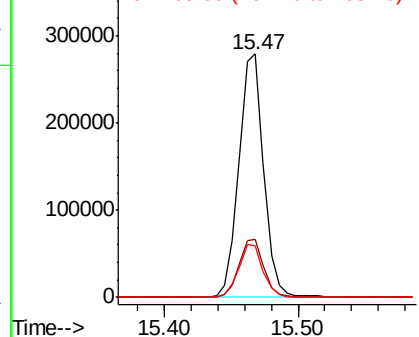


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

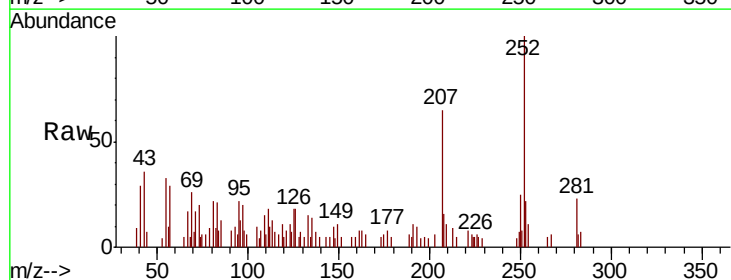
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 0.678 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion: 252 Resp: 14722

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	18.3	8.7	13.1

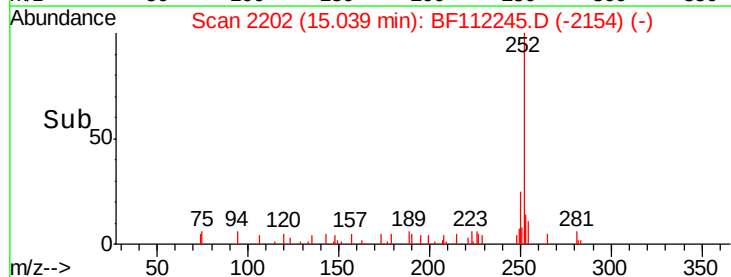
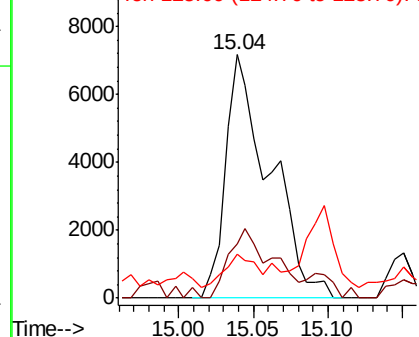


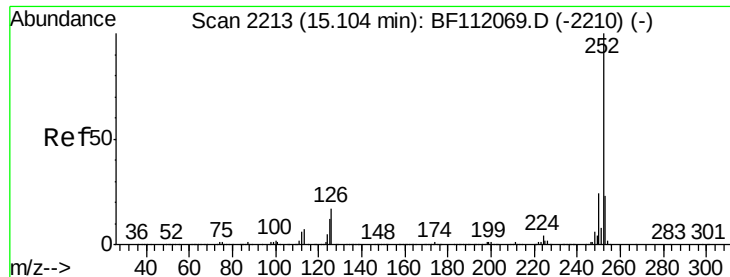
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

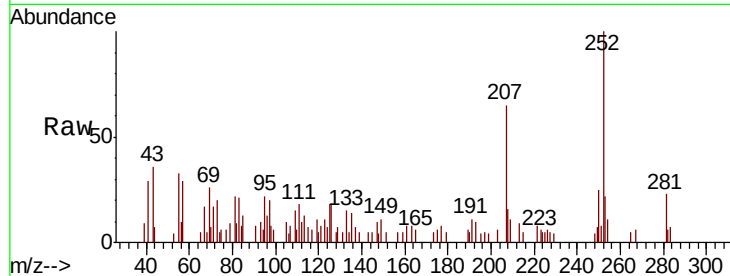




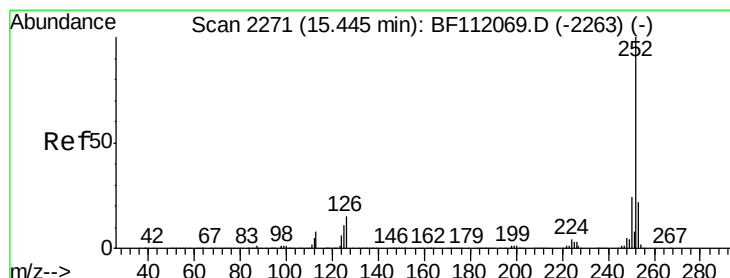
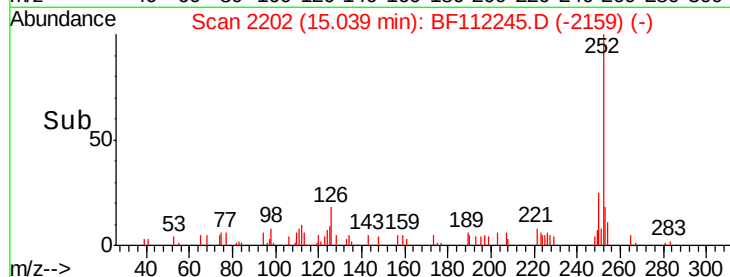
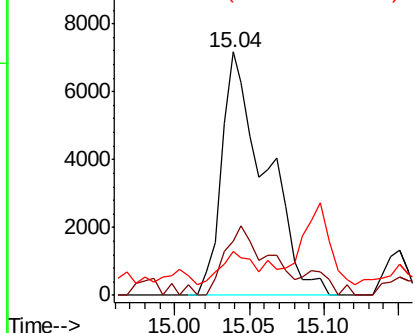
#89
Benzo(k)fluoranthene
Concen: 0.708 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion:252 Resp: 14722
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 18.3 9.1 13.7#

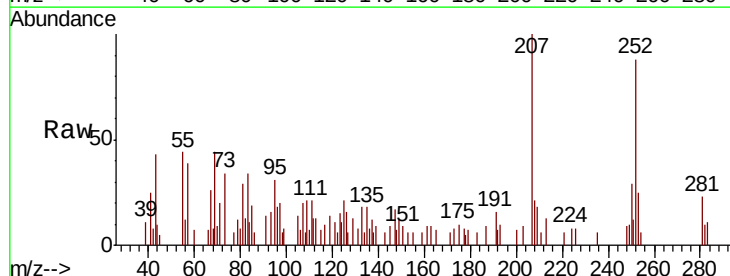


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

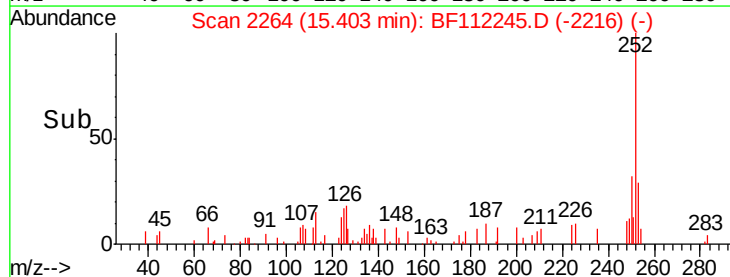
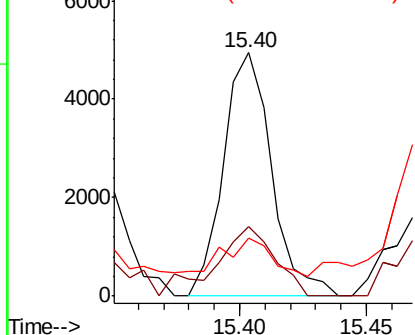


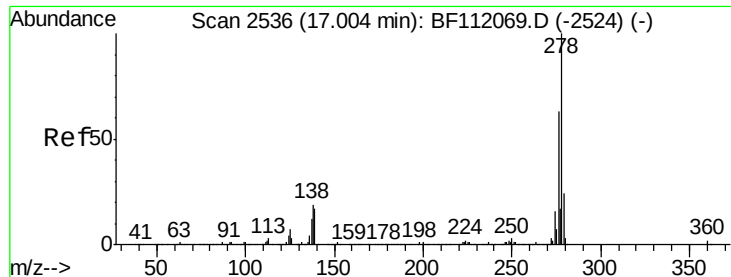
#90
Benzo(a)pyrene
Concen: 0.335 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112245.D
Acq: 25 Jan 2019 21:22

Tgt Ion:252 Resp: 6541
Ion Ratio Lower Upper
252 100
253 28.5 17.5 26.3#
125 23.7 9.0 13.4#



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





#91

Dibenzo(a,h)anthracene

Concen: 0.105 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

Instrument :

BNA_F

ClientSampled :

S4

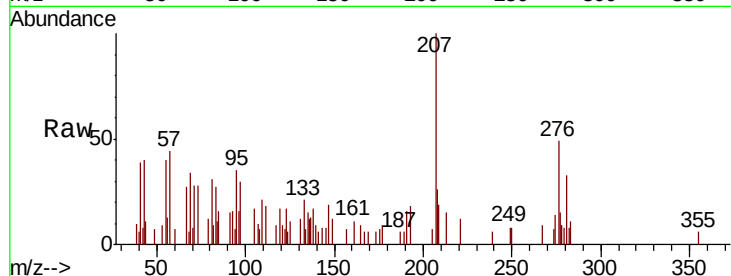
Tgt Ion: 278 Resp: 1653

Ion Ratio Lower Upper

278 100

139 53.3 13.7 20.5#

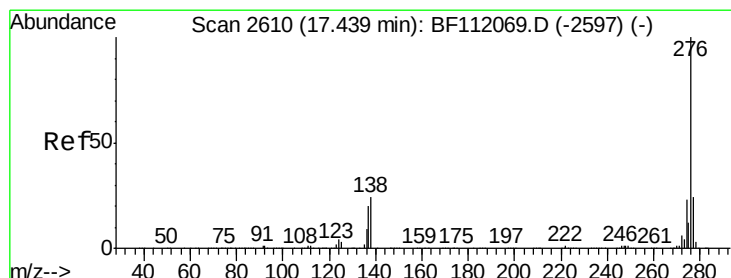
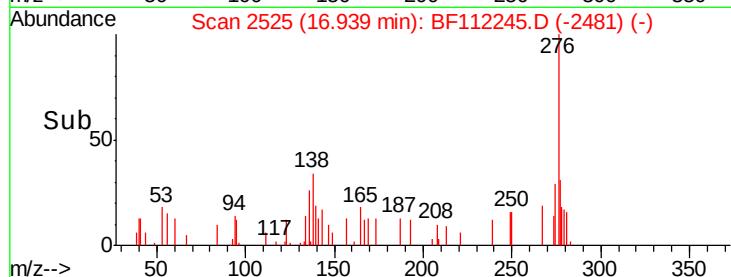
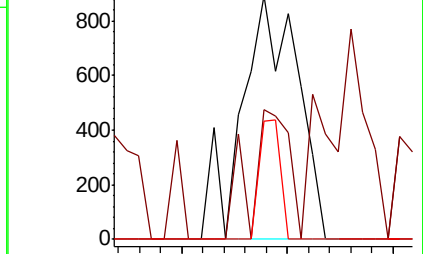
279 48.7 19.0 28.6#



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: 0.326 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF112245.D

Acq: 25 Jan 2019 21:22

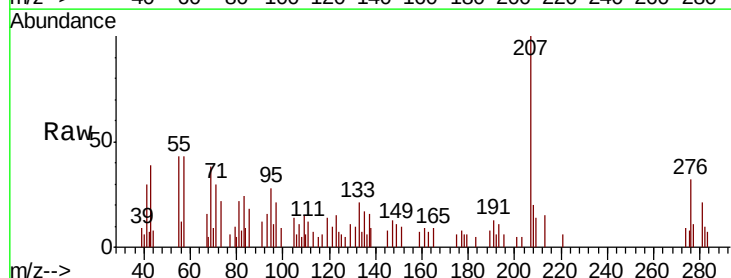
Tgt Ion: 276 Resp: 4841

Ion Ratio Lower Upper

276 100

277 34.9 19.4 29.0#

138 27.0 19.1 28.7



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

