

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112244.D
 Acq On : 25 Jan 2019 20:55
 Operator : JU/SJ
 Sample : K1234-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EWB

Quant Time: Jan 27 23:39:26 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	216286	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	843766	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	408400	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	718433	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	398274	20.00	ng	-0.01
87) Perylene-d12	15.47	264	406497	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1272267	124.94	ng	0.00
7) Phenol-d6	6.49	99	1618904	114.42	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1032939	70.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	471217	99.13	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2029598	70.29	ng	-0.01
79) Terphenyl-d14	12.94	244	1755854	83.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	246	0.061	ng	# 60
4) n-Nitrosodimethylamine	3.46	42	106	0.024	ng	# 1
6) Aniline	6.50	93	479	0.028	ng	# 1
8) 2-Chlorophenol	6.63	128	471	0.034	ng	# 1
9) Benzaldehyde	6.49	77	2605	0.352	ng	# 1
10) Phenol	6.50	94	18274	1.177	ng	# 44
11) bis(2-Chloroethyl)ether	6.62	93	1824	0.149	ng	# 1
15) Benzyl Alcohol	7.00	79	18069	1.515	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	6.89	45	137	0.009	ng	# 63
17) 2-Methylphenol	6.99	107	116	0.011	ng	# 1
18) Hexachloroethane	7.08	117	127	0.022	ng	# 2
19) n-Nitroso-di-n-propylamine	7.40	70	140669	14.418	ng	# 75
20) 3+4-Methylphenols	6.99	107	116	0.008	ng	# 1
24) Nitrobenzene	7.40	77	3371	0.230	ng	# 34
25) Isophorone	7.40	82	1017786	44.304	ng	# 63
31) Naphthalene	8.15	128	481	0.012	ng	# 67
32) Benzoic acid	8.12	122	140	0.023	ng	# 1
37) 2-Methylnaphthalene	8.84	142	110	0.004	ng	# 15
38) 1-Methylnaphthalene	8.84	142	110	0.004	ng	# 7
46) 1,1'-Biphenyl	9.30	154	3949	0.111	ng	# 93
48) 2-Nitroaniline	9.31	65	2485	0.329	ng	# 2
50) Dimethylphthalate	9.59	163	182064	5.738	ng	# 99
51) 2,6-Dinitrotoluene	9.59	165	1849	0.260	ng	# 1
52) Acenaphthene	9.88	154	1451	0.060	ng	# 5
57) 2,4-Dinitrotoluene	9.87	165	51486	5.691	ng	# 31
58) Fluorene	10.67	166	19374	0.699	ng	# 88
60) Diethylphthalate	10.29	149	2547	0.081	ng	# 96
63) Azobenzene	10.59	77	129	0.005	ng	# 11
65) 4,6-Dinitro-2-methylphenol	10.67	198	957	0.238	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	14085	0.582	ng	# 44
67) 4-Bromophenyl-phenylether	10.67	248	29350	3.473	ng	# 1
71) Phenanthrene	11.39	178	3299	0.088	ng	# 91
72) Anthracene	11.44	178	857	0.023	ng	# 60
73) Carbazole	11.60	167	1188	0.032	ng	# 42

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Instrument :
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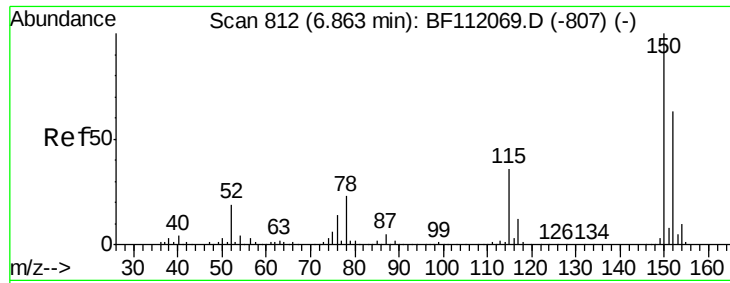
Quant Time: Jan 27 23:39:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) Di-n-butylphthalate	11.92	149	3955	0.087	ng	# 77
75) Fluoranthene	12.57	202	4295	0.107	ng	95
77) Benzidine	12.83	184	2548	0.232	ng	# 1
78) Pyrene	12.57	202	4295	0.156	ng	98
80) Butylbenzylphthalate	13.42	149	1012	0.076	ng	# 27
81) Benzo(a)anthracene	13.99	228	3017	0.129	ng	# 89
82) 3,3'-Dichlorobenzidine	13.84	252	222	0.025	ng	# 1
83) Chrysene	14.03	228	2883	0.129	ng	# 94
84) Bis(2-ethylhexyl)phthalate	13.97	149	11990	0.633	ng	98
85) Di-n-octyl phthalate	14.57	149	1341	0.046	ng	# 73
86) Indeno(1,2,3-cd)pyrene	16.95	276	1291	0.073	ng	# 72
88) Benzo(b)fluoranthene	15.04	252	3713	0.153	ng	# 55
89) Benzo(k)fluoranthene	15.04	252	3713	0.159	ng	# 55
90) Benzo(a)pyrene	15.40	252	1208	0.055	ng	# 31
91) Dibenzo(a,h)anthracene	16.96	278	247	0.014	ng	# 55
92) Benzo(g,h,i)perylene	17.38	276	849	0.051	ng	# 51

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

```
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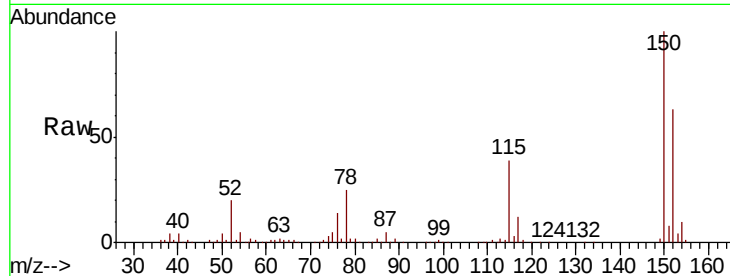


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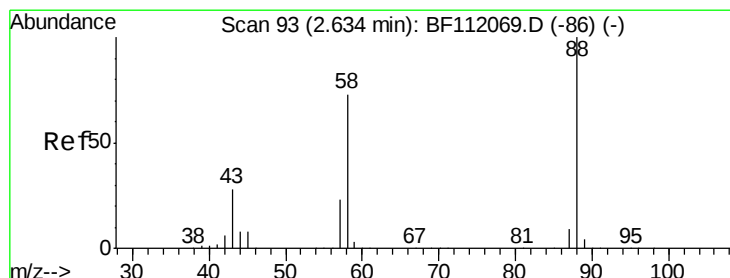
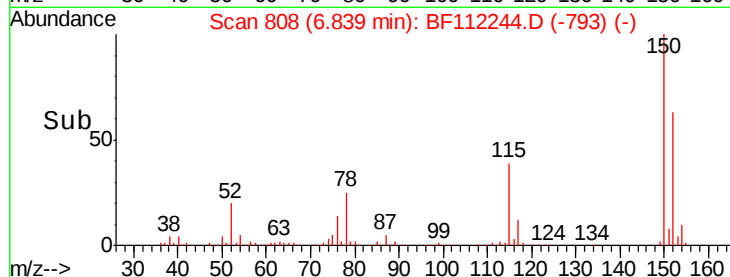
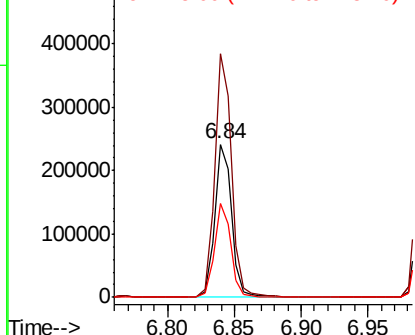
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Instrument :
BNA_F
ClientSampleId :
EWB

Tgt Ion:152 Resp: 216286
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.0
115 61.1 45.5 68.3



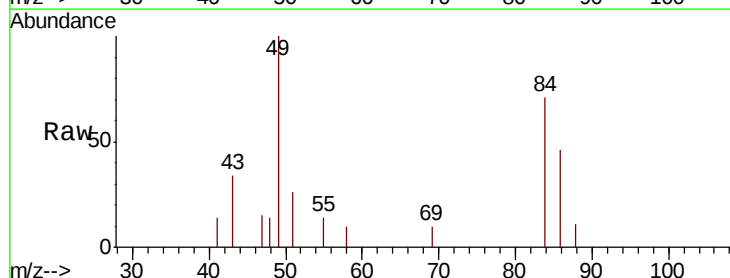
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



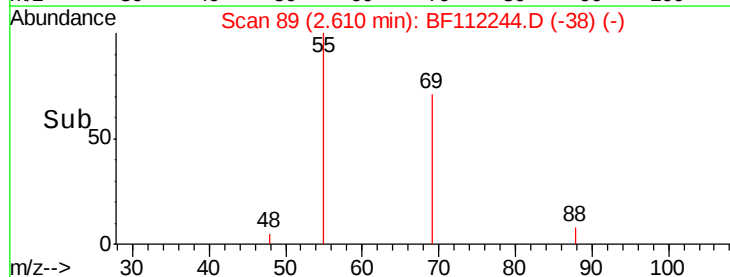
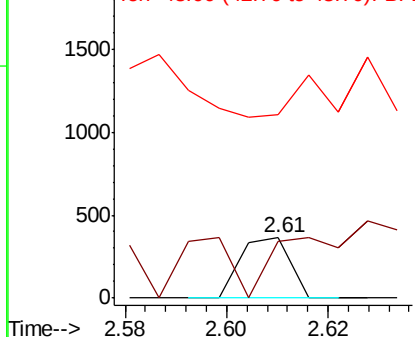
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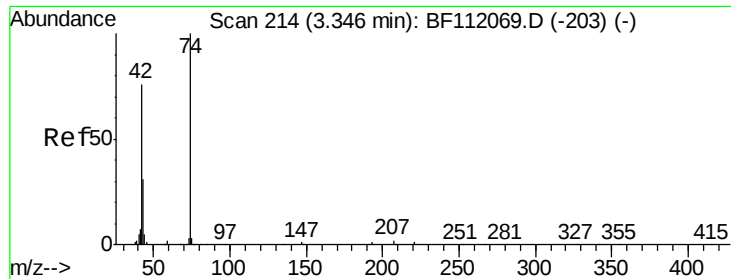
1,4-Dioxane
Concen: 0.061 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.00 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion: 88 Resp: 246
Ion Ratio Lower Upper
88 100
58 100.8 57.4 86.2#
43 0.0 22.2 33.4#



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





#4

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.12 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

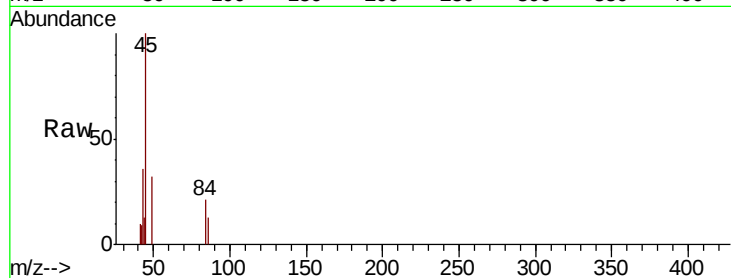
Tgt Ion: 42 Resp: 106

Ion Ratio Lower Upper

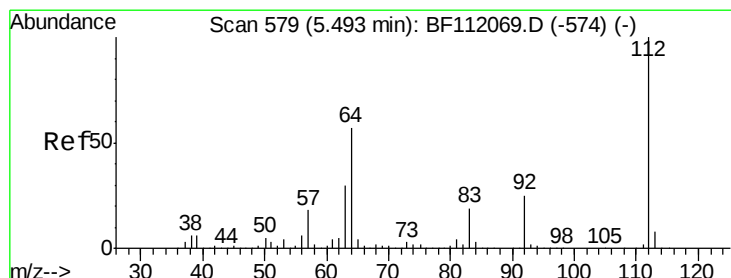
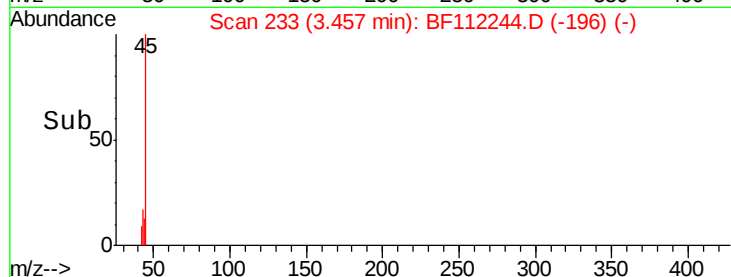
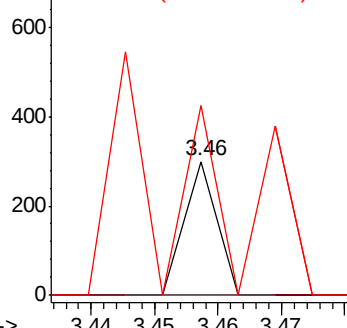
42 100

74 0.0 105.6 158.4#

44 142.0 5.4 8.2#



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: 124.945 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

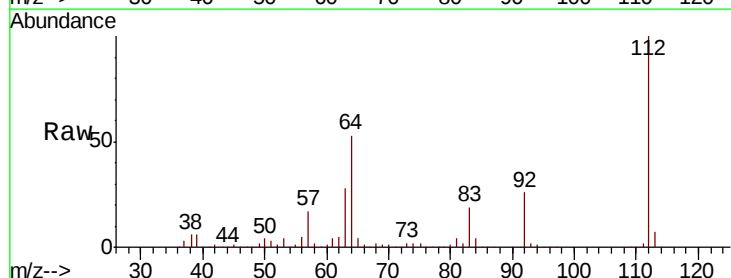
Tgt Ion: 112 Resp: 1272267

Ion Ratio Lower Upper

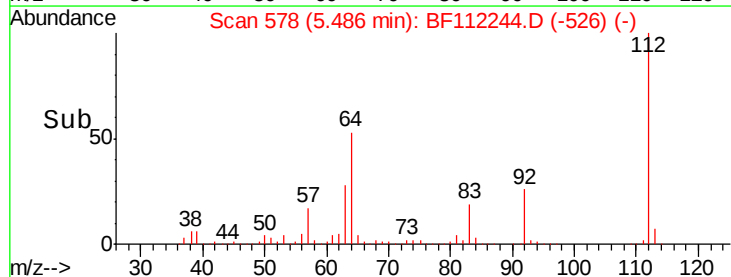
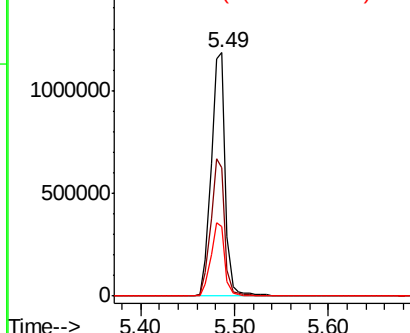
112 100

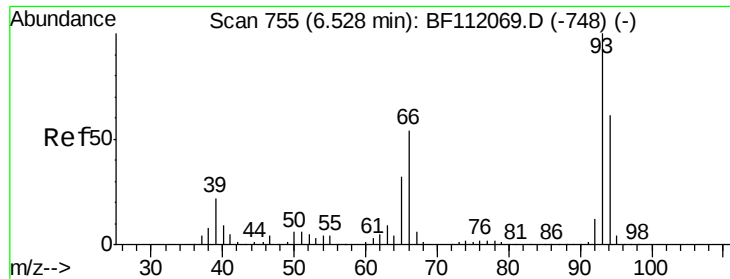
64 52.8 45.7 68.5

63 28.5 23.6 35.4



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

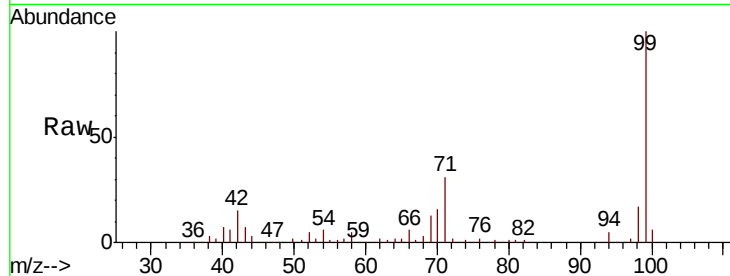




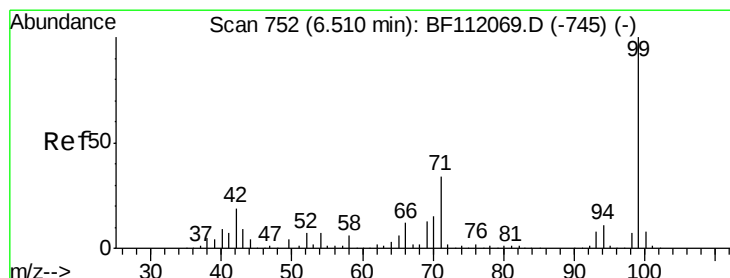
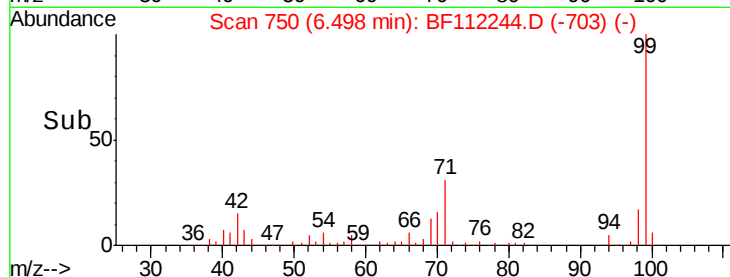
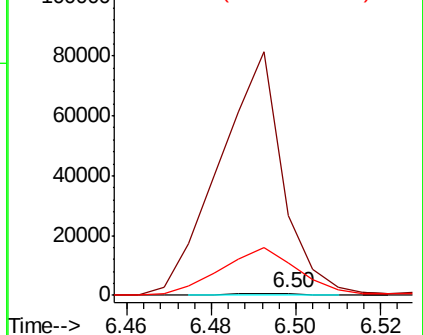
#6
 Aniline
 Concen: 0.028 ng
 RT: 6.50 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

Instrument :
 BNA_F
 ClientSampled :
 EWB

Tgt Ion: 93 Resp: 479
 Ion Ratio Lower Upper
 93 100
 66 4351.8 43.4 65.2#
 65 1741.7 25.3 37.9#

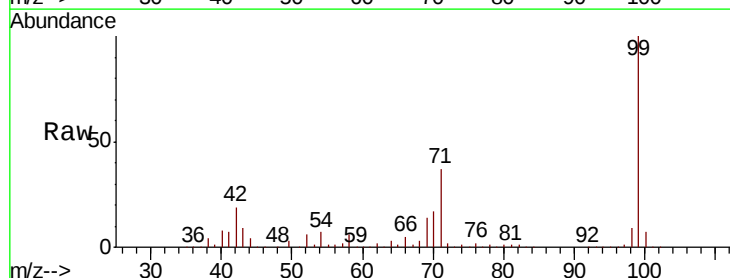


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

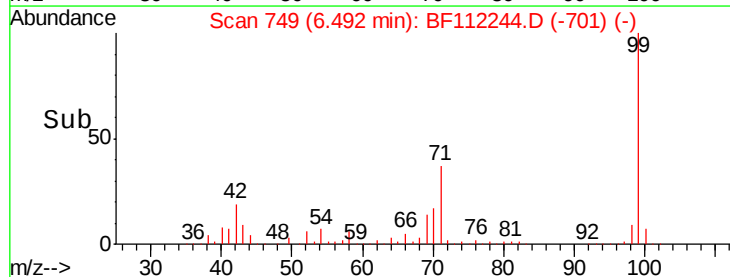
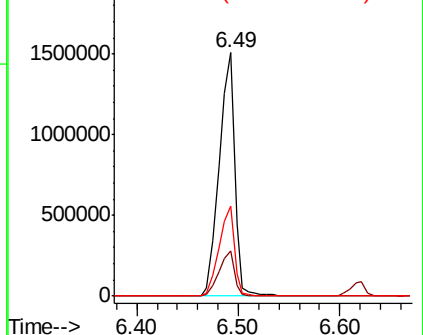


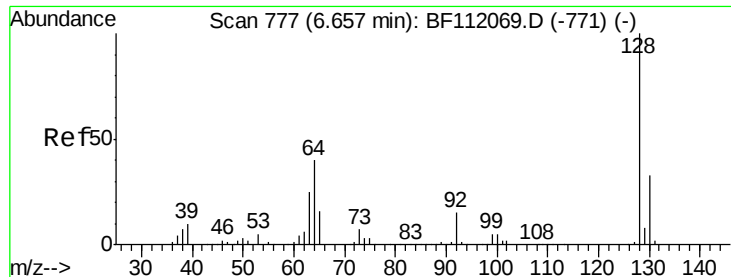
#7
 Phenol-d6
 Concen: 114.416 ng
 RT: 6.49 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

Tgt Ion: 99 Resp: 1618904
 Ion Ratio Lower Upper
 99 100
 42 18.7 15.1 22.7
 71 36.8 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: 0.034 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

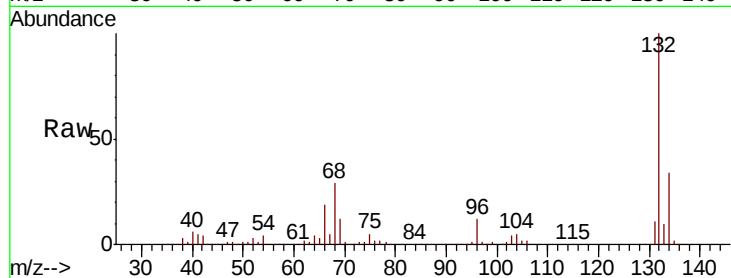
Tgt Ion:128 Resp: 471

Ion Ratio Lower Upper

128 100

130 355.7 13.4 53.4#

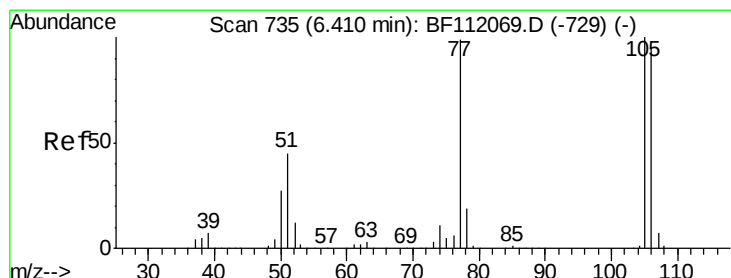
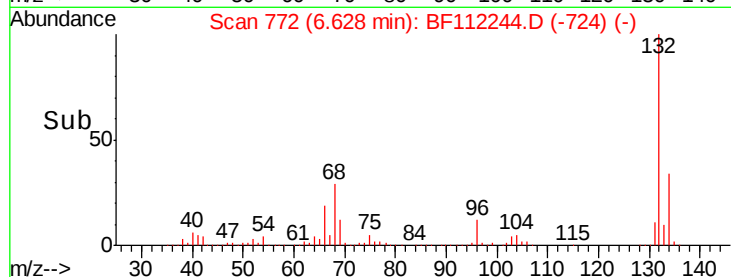
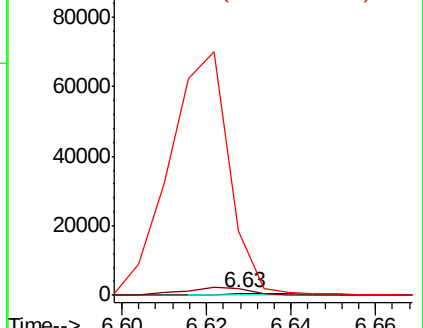
64 3325.4 20.5 60.5#



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: 0.352 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.09 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

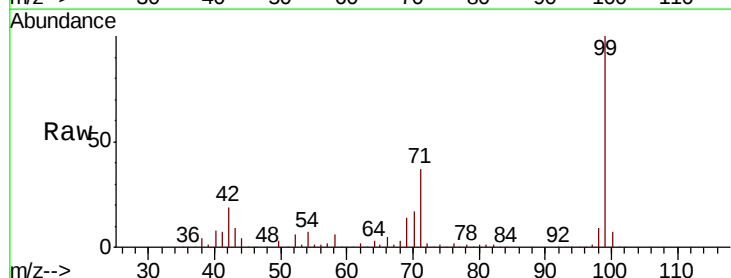
Tgt Ion: 77 Resp: 2605

Ion Ratio Lower Upper

77 100

105 0.0 80.8 120.8#

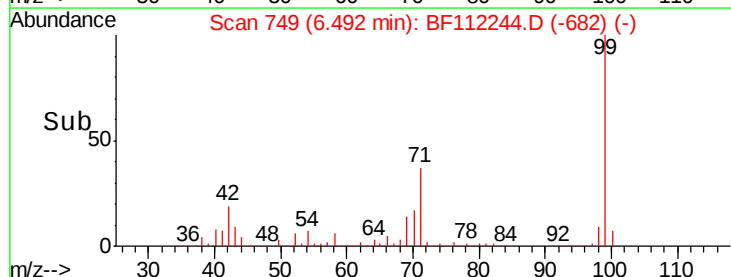
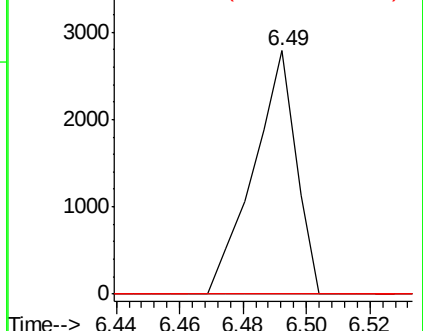
106 0.0 75.7 115.7#

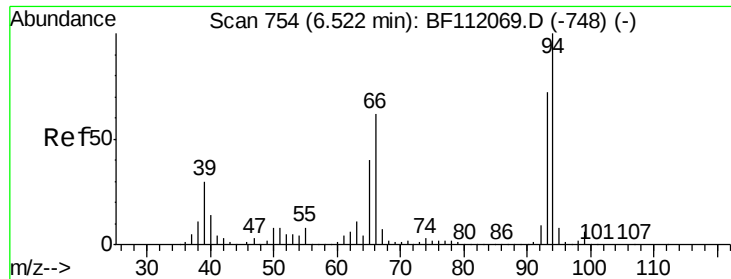


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.177 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

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ClientSampled :

EWB

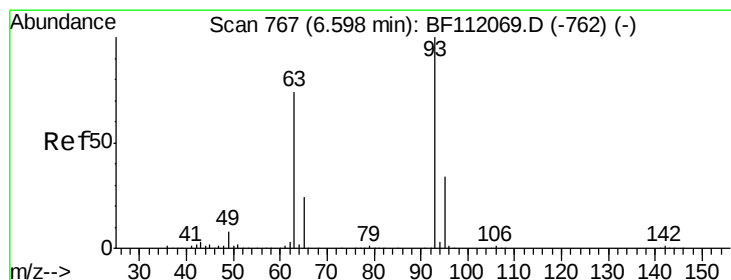
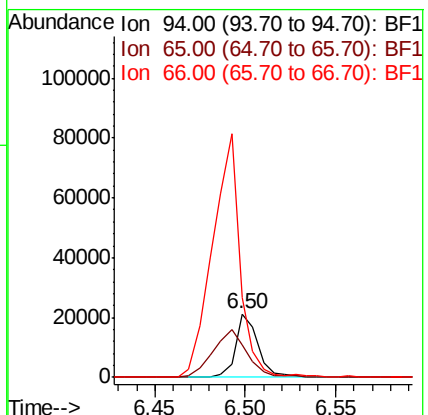
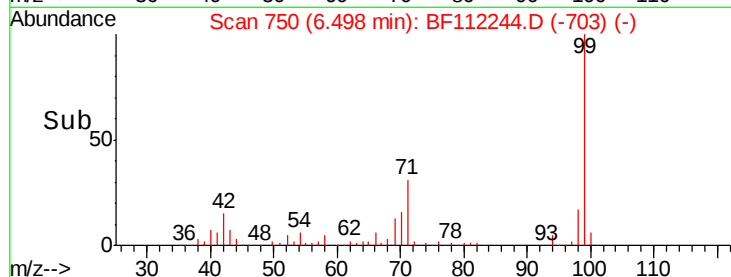
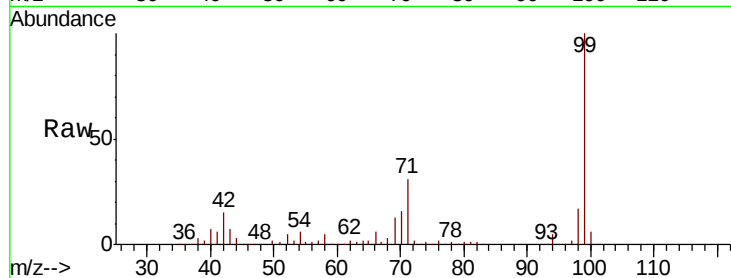
Tgt Ion: 94 Resp: 18274

Ion Ratio Lower Upper

94 100

65 50.2 20.3 60.3

66 125.4 42.4 82.4#



#11

bis(2-Chloroethyl)ether

Concen: 0.149 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.03 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

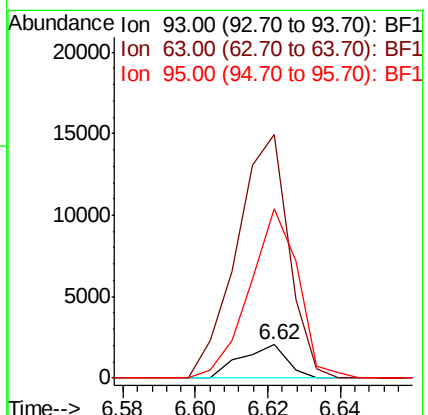
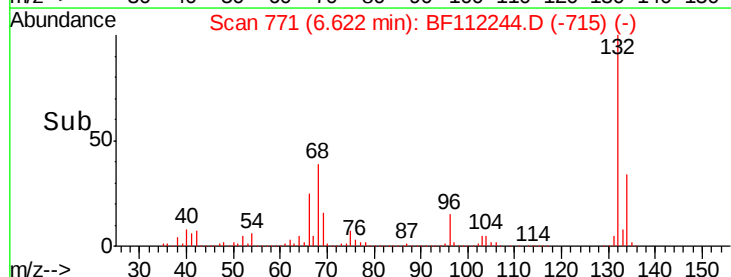
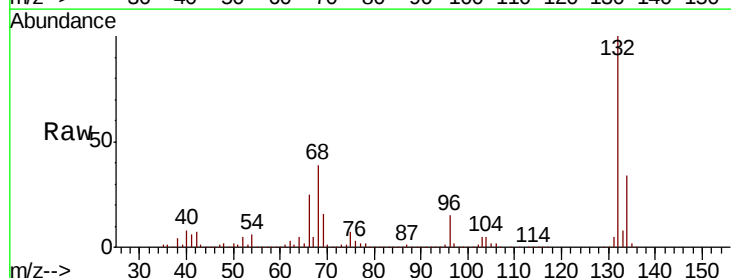
Tgt Ion: 93 Resp: 1824

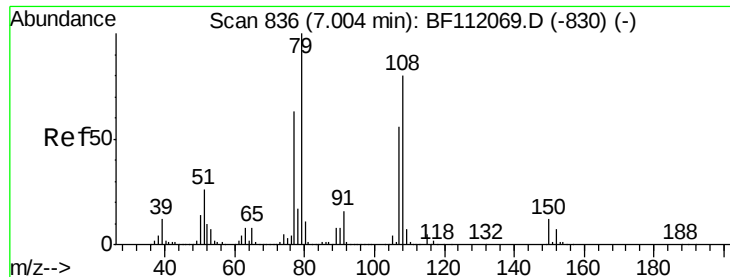
Ion Ratio Lower Upper

93 100

63 724.4 53.3 93.3#

95 503.8 13.4 53.4#





#15

Benzyl Alcohol

Concen: 1.515 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

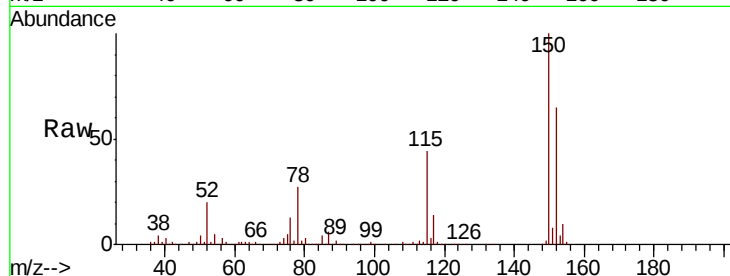
Tgt Ion: 79 Resp: 18069

Ion Ratio Lower Upper

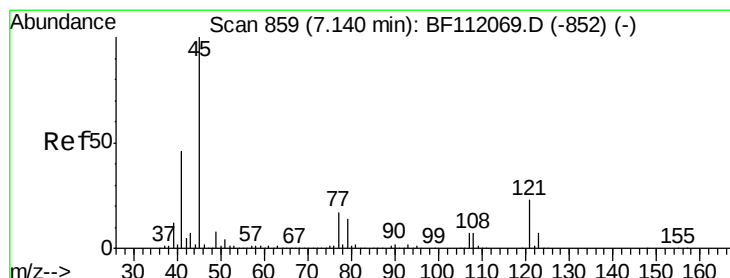
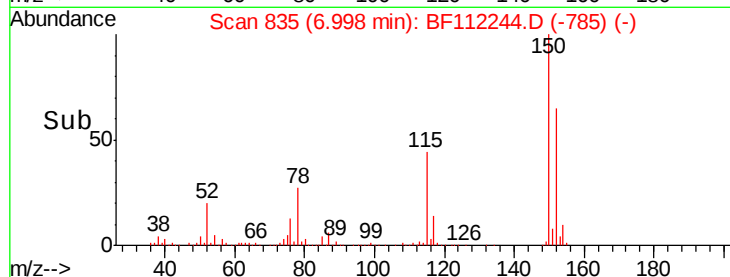
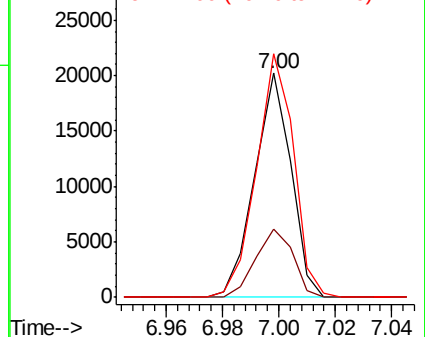
79 100

108 30.5 64.2 96.2#

77 108.5 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: 0.009 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.24 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

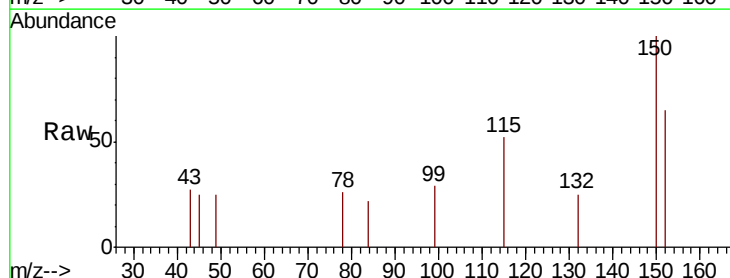
Tgt Ion: 45 Resp: 137

Ion Ratio Lower Upper

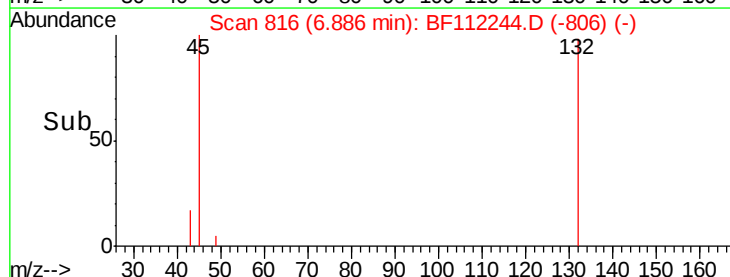
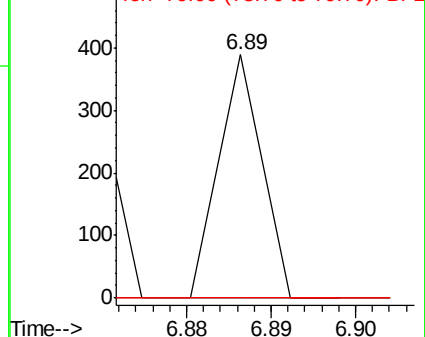
45 100

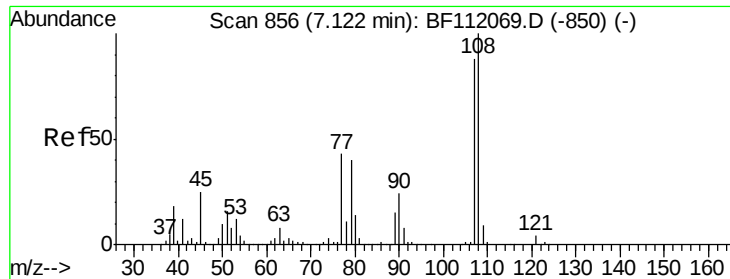
77 0.0 0.0 36.9

79 0.0 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

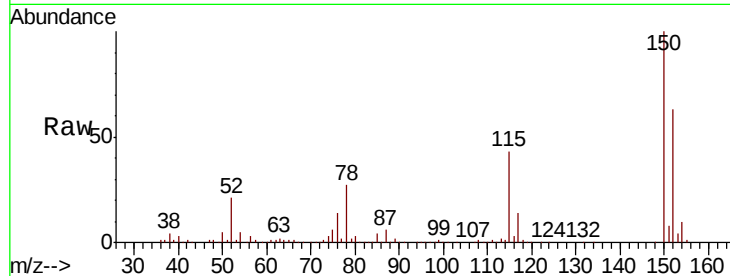




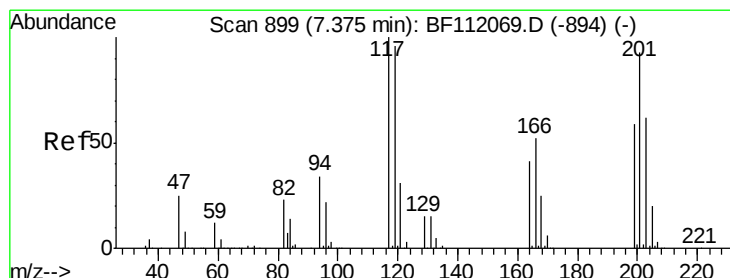
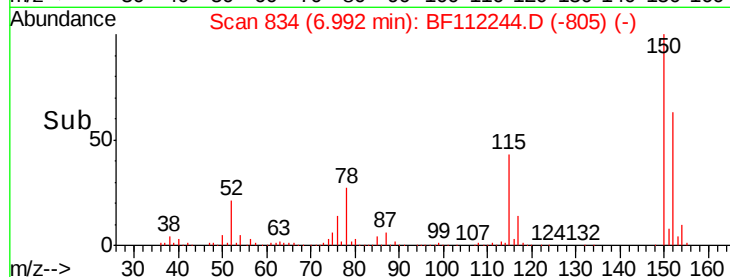
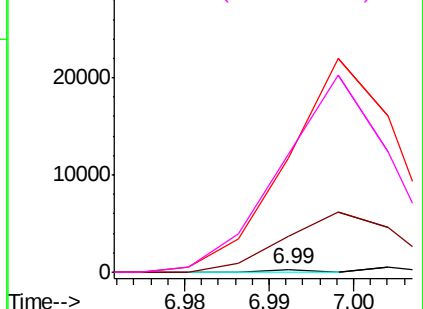
#17
2-Methylphenol
Concen: 0.011 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.13 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Instrument :
BNA_F
ClientSampleId :
EWB

Tgt Ion:107 Resp: 116
Ion Ratio Lower Upper
107 100
108 1117.6 91.3 136.9#
77 3580.5 39.0 58.6#
79 3685.4 37.0 55.4#

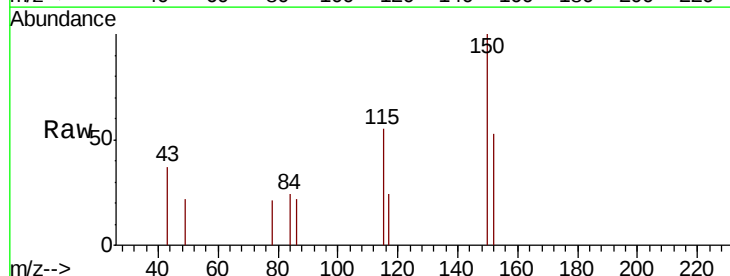


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

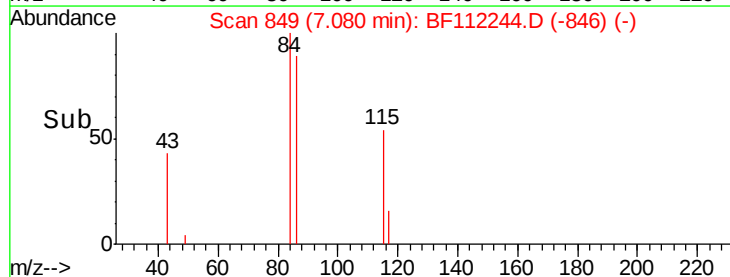
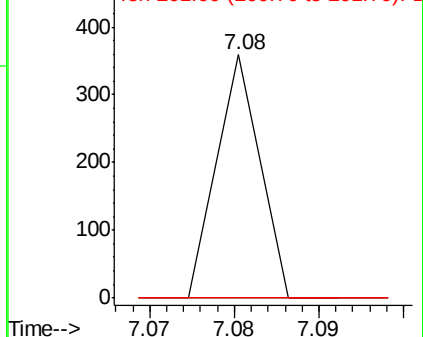


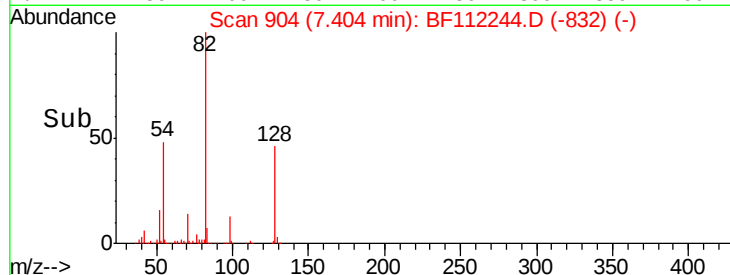
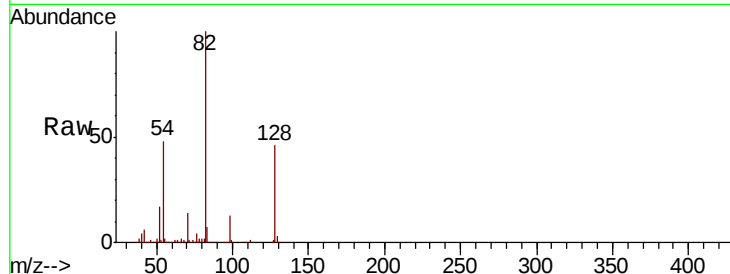
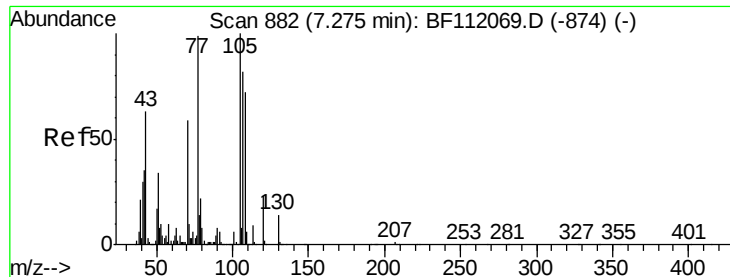
#18
Hexachloroethane
Concen: 0.022 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.28 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:117 Resp: 127
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

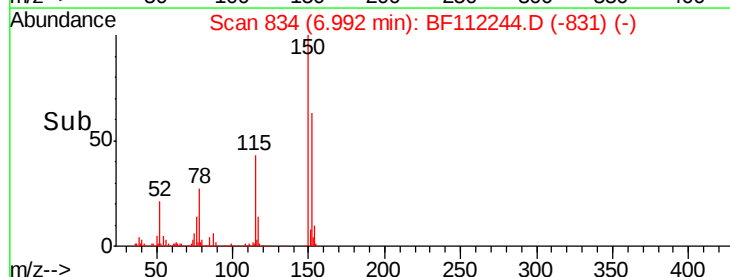
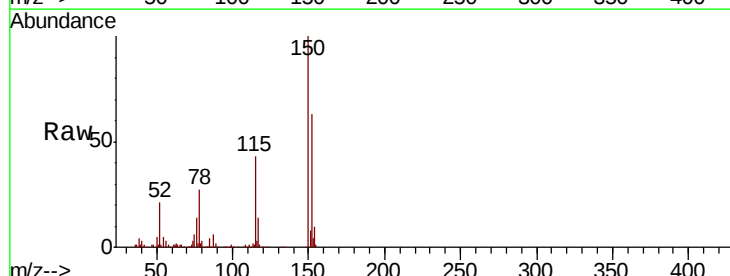
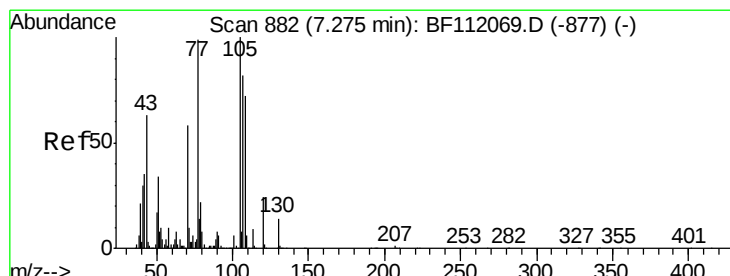
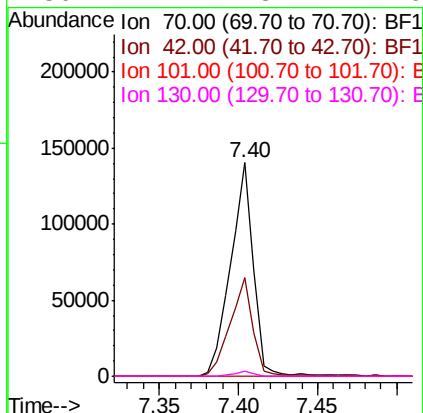




#19
n-Nitroso-di-n-propylamine
Concen: 14.418 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.12 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

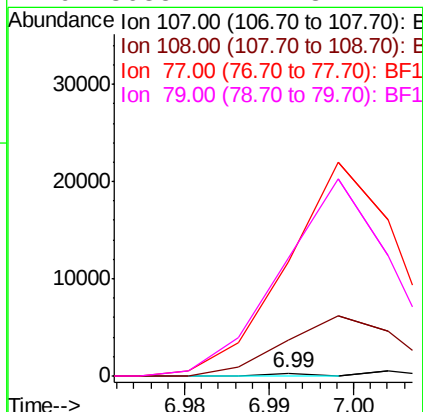
Instrument :
BNA_F
ClientSampleId :
EWB

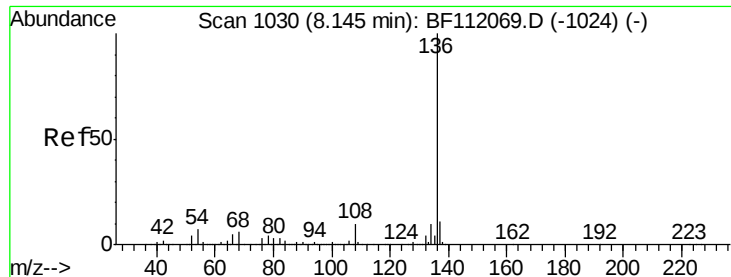
Tgt Ion: 70 Resp: 140669
Ion Ratio Lower Upper
70 100
42 46.2 47.6 71.4#
101 0.0 7.9 11.9#
130 2.4 18.4 27.6#



#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.28 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion: 107 Resp: 116
Ion Ratio Lower Upper
107 100
108 1117.6 68.2 108.2#
77 3580.5 100.7 140.7#
79 3685.4 7.3 47.3#

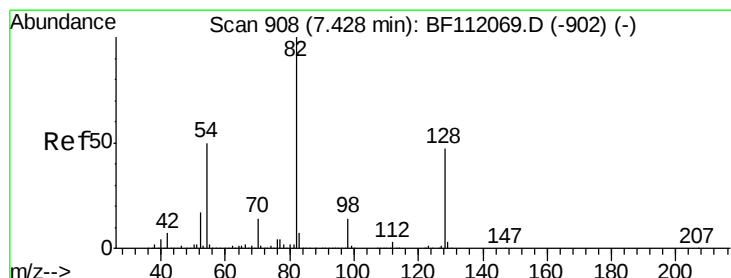
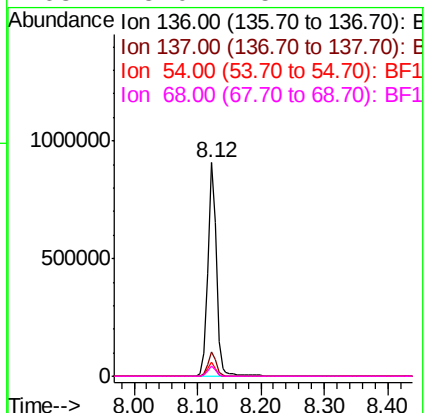
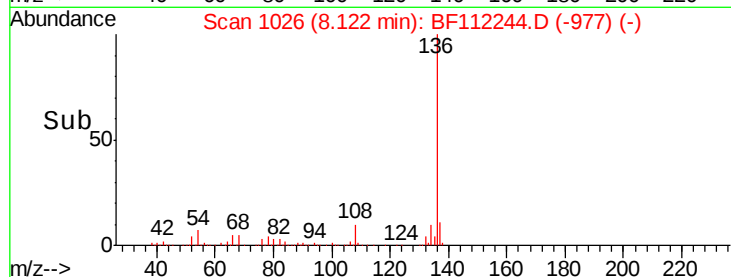
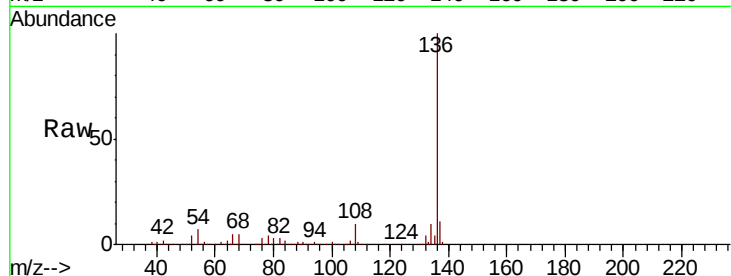




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

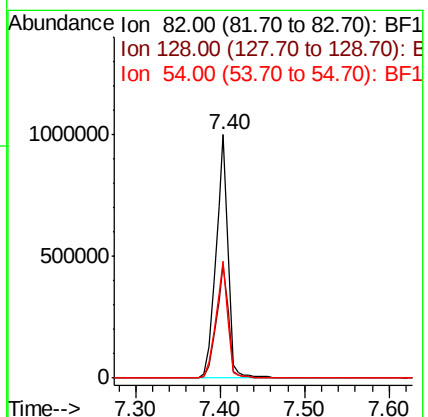
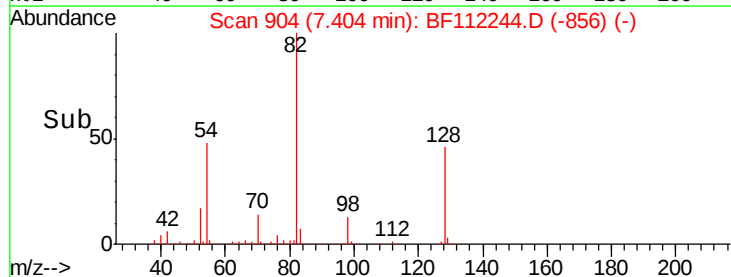
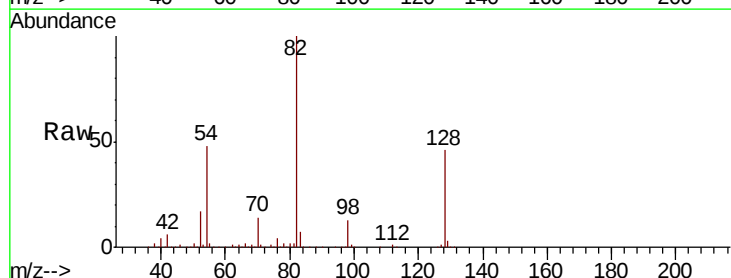
Instrument :
BNA_F
ClientSampleId :
EWB

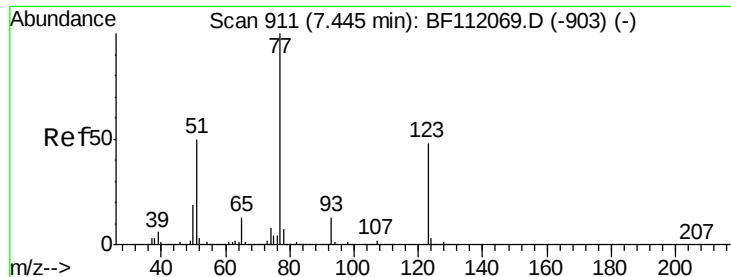
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.9	8.9
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 70.538 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.8	56.8
54	48.2	39.7	59.5





#24

Nitrobenzene

Concen: 0.230 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.04 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampled :

EWB

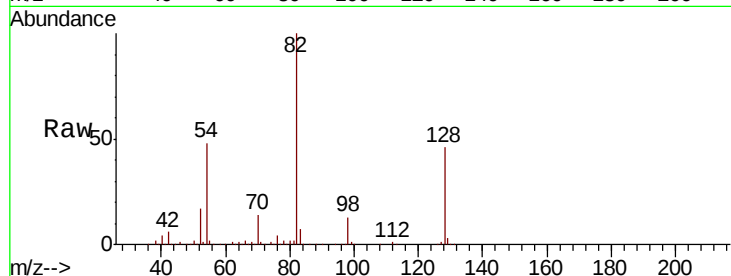
Tgt Ion: 77 Resp: 3371

Ion Ratio Lower Upper

77 100

123 0.0 38.4 57.6#

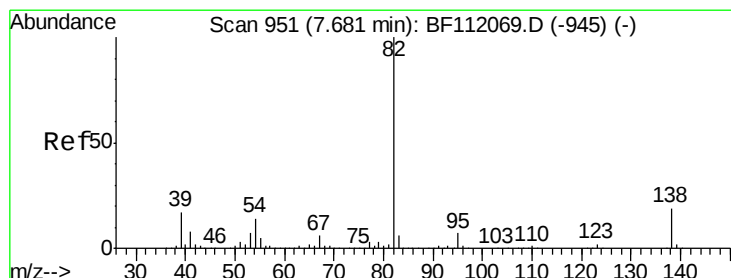
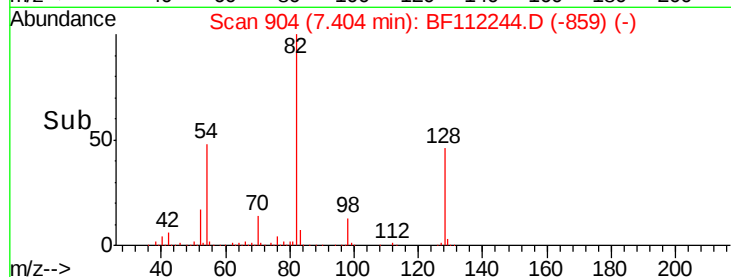
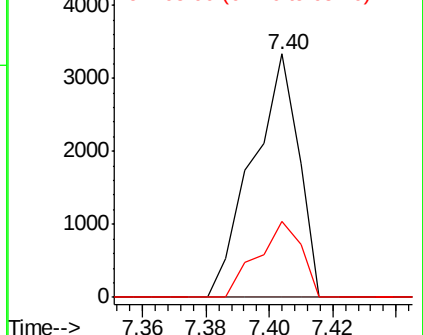
65 31.4 10.6 15.8#



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: 44.304 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

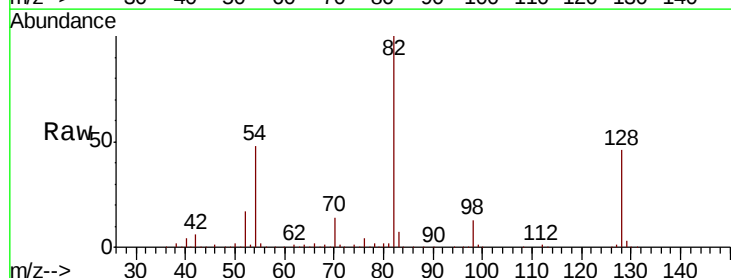
Tgt Ion: 82 Resp: 1017786

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

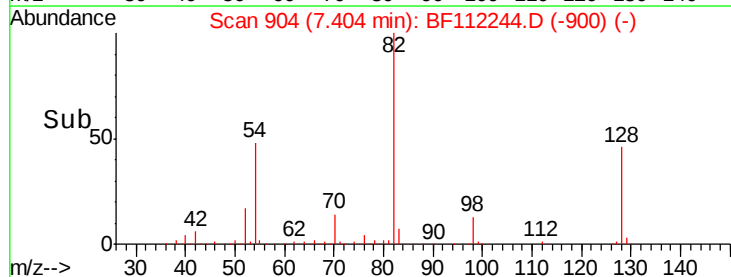
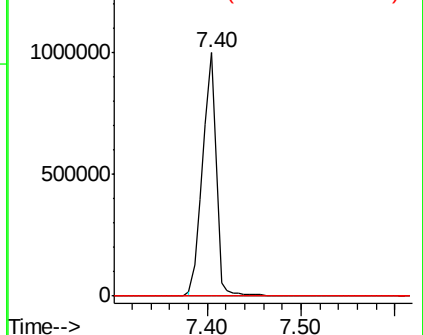
138 0.0 15.4 23.0#

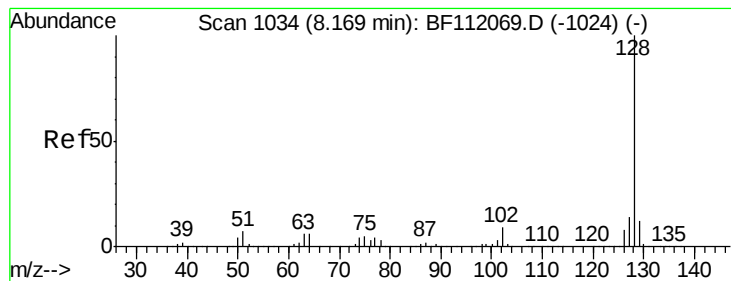


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 0.012 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

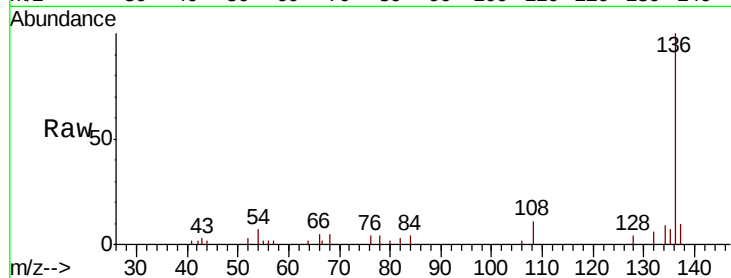
Tgt Ion:128 Resp: 481

Ion Ratio Lower Upper

128 100

129 0.0 9.6 14.4#

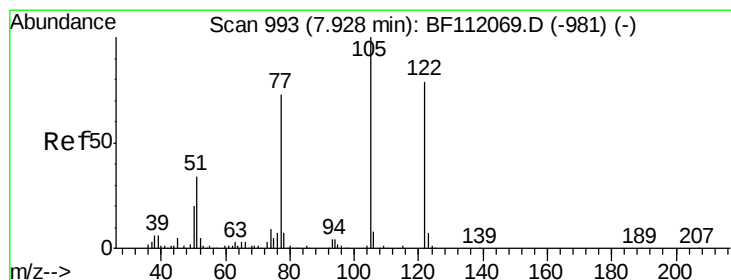
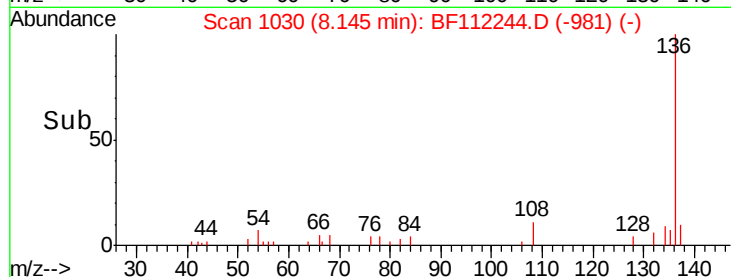
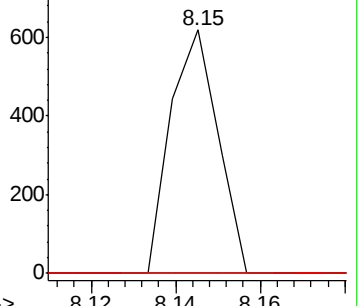
127 0.0 11.1 16.7#



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



#32

Benzoic acid

Concen: 0.023 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.15 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

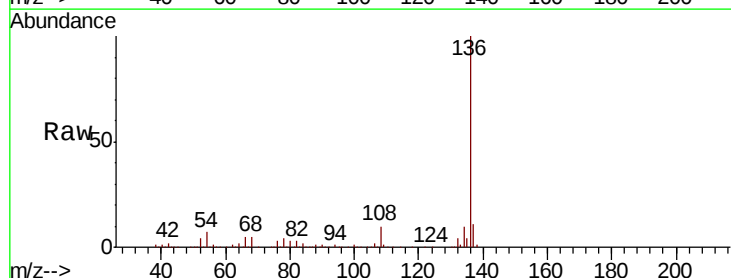
Tgt Ion:122 Resp: 140

Ion Ratio Lower Upper

122 100

105 167.3 101.2 141.2#

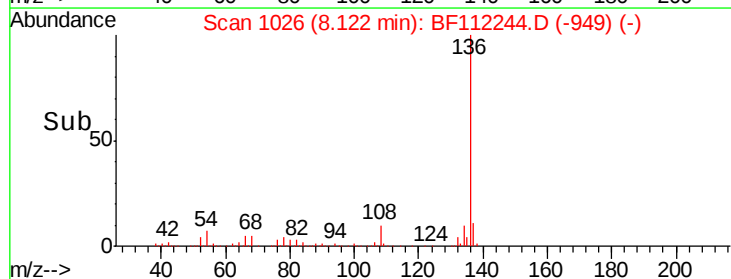
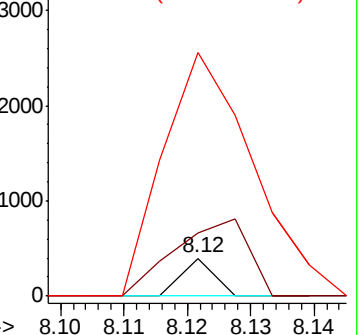
77 644.1 70.4 110.4#

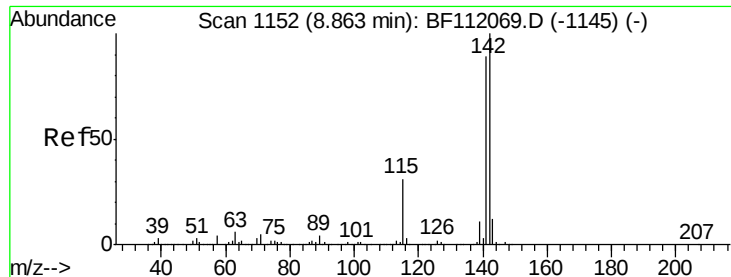


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

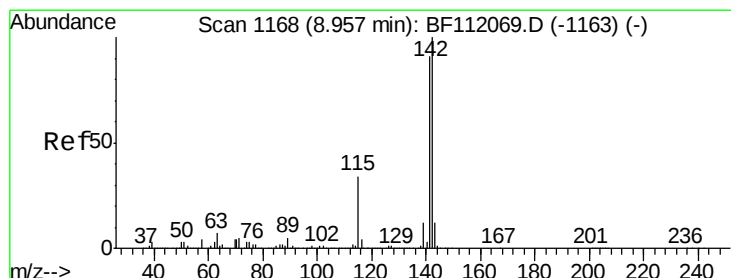
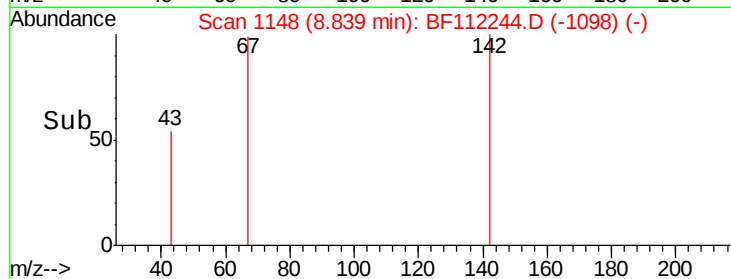
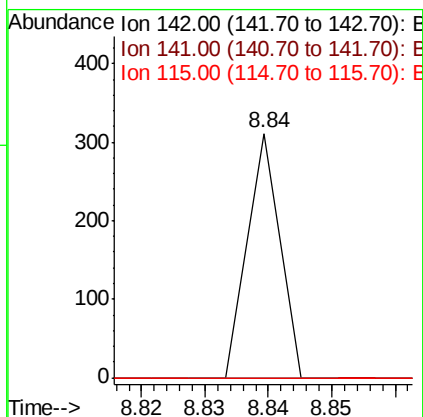
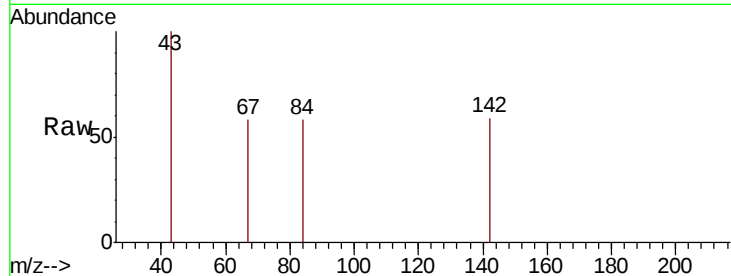




#37
 2-Methylnaphthalene
 Concen: 0.004 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

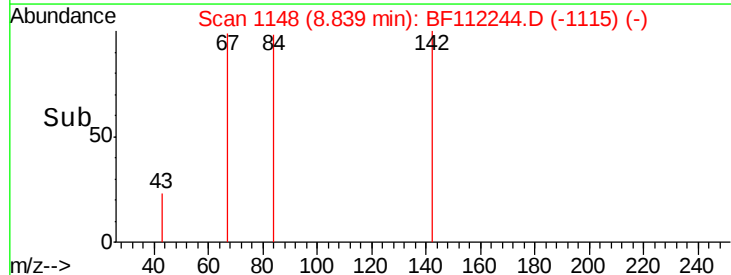
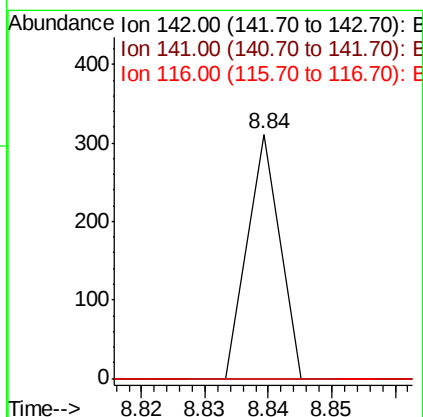
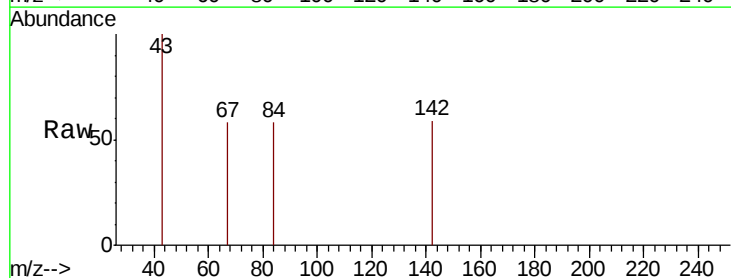
Instrument :
 BNA_F
 ClientSampleId :
 EWB

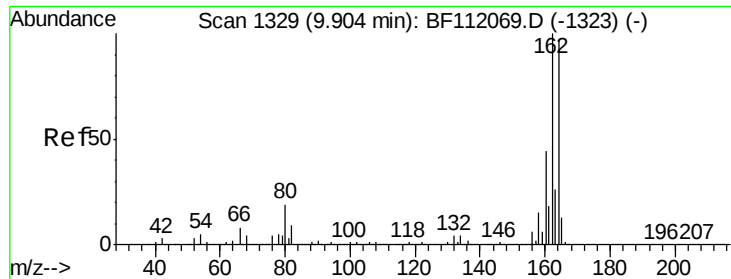
Tgt Ion:142 Resp: 110
 Ion Ratio Lower Upper
 142 100
 141 0.0 70.9 106.3#
 115 0.0 24.9 37.3#



#38
 1-Methylnaphthalene
 Concen: 0.004 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.11 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

Tgt Ion:142 Resp: 110
 Ion Ratio Lower Upper
 142 100
 141 0.0 72.6 108.8#
 116 0.0 2.8 4.2#

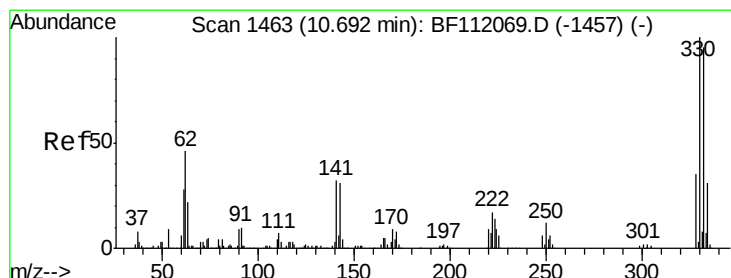
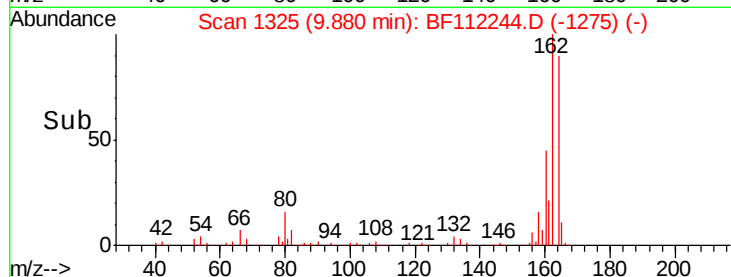
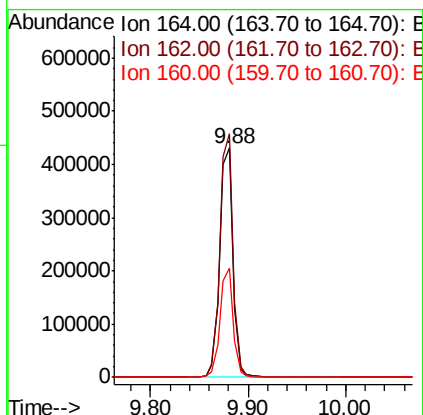
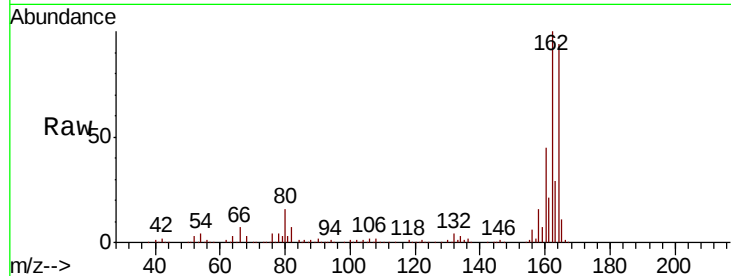




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

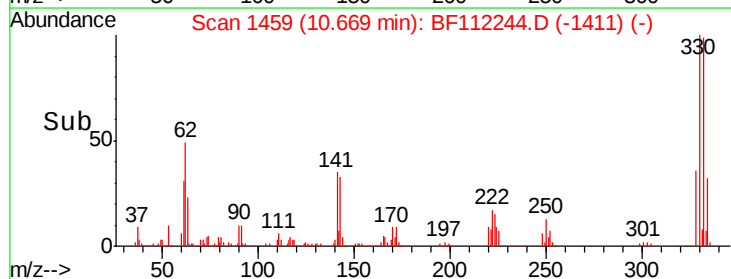
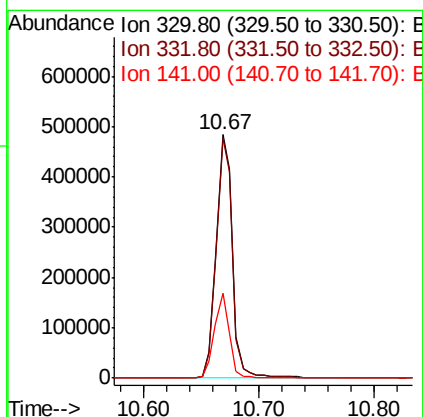
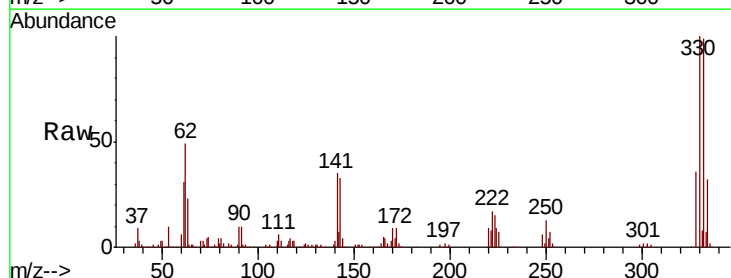
Instrument :
BNA_F
ClientSampleId :
EWB

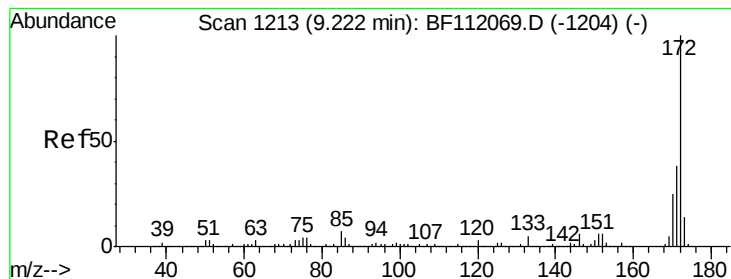
Tgt Ion:164 Resp: 408400
Ion Ratio Lower Upper
164 100
162 106.3 82.2 123.4
160 47.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 99.127 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:330 Resp: 471217
Ion Ratio Lower Upper
330 100
332 99.0 76.6 114.8
141 32.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 70.287 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

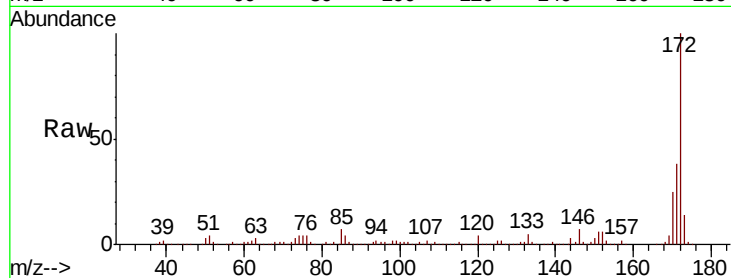
Tgt Ion:172 Resp: 2029598

Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

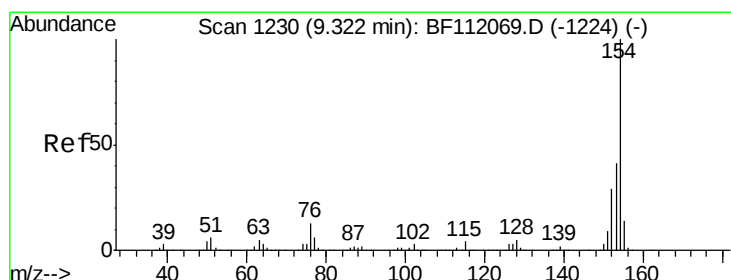
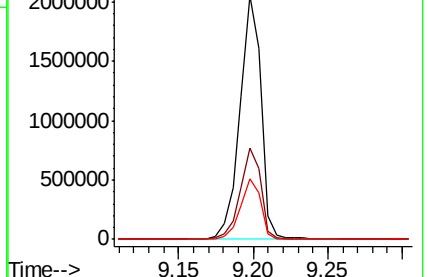
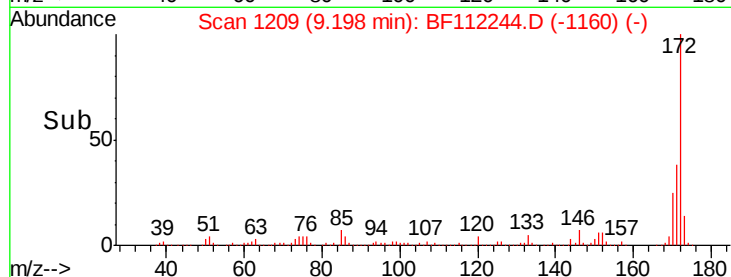
170 25.1 20.2 30.4



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: 0.111 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

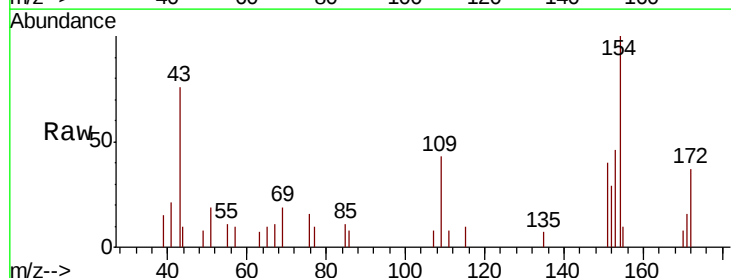
Tgt Ion:154 Resp: 3949

Ion Ratio Lower Upper

154 100

153 45.7 21.5 61.5

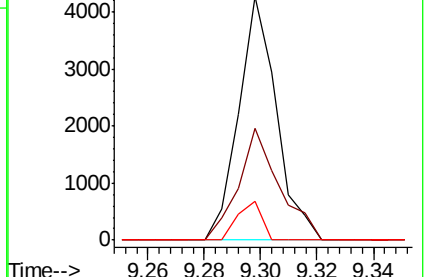
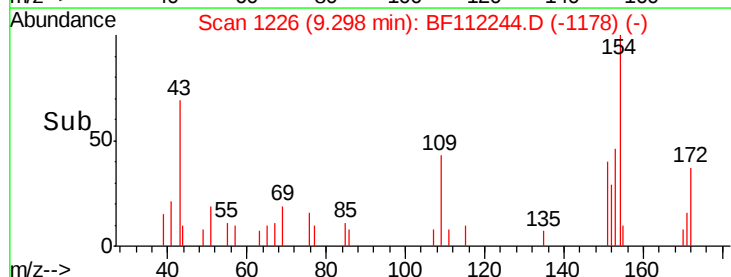
76 16.0 0.0 33.1

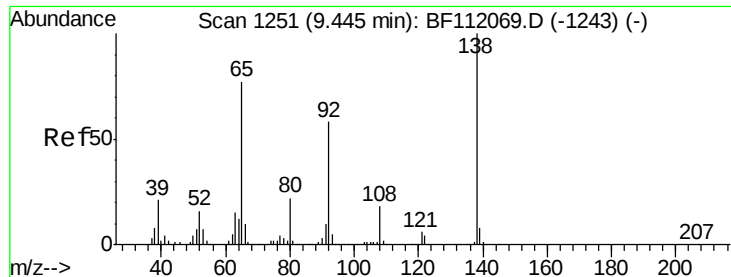


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

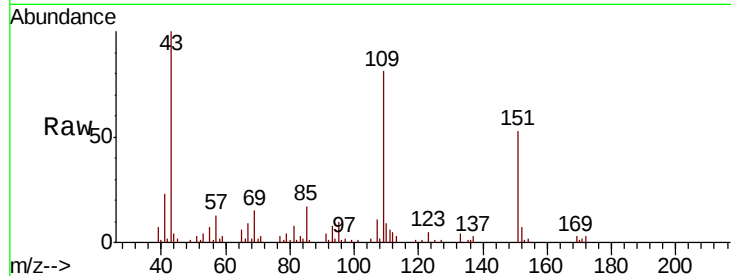




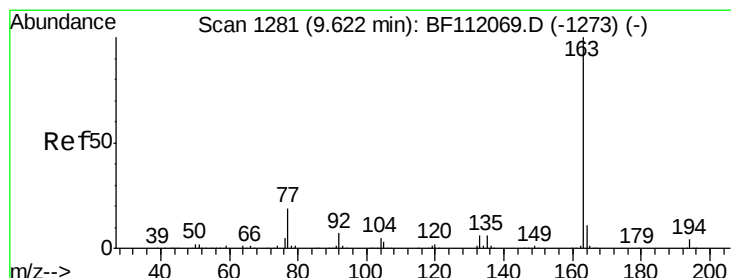
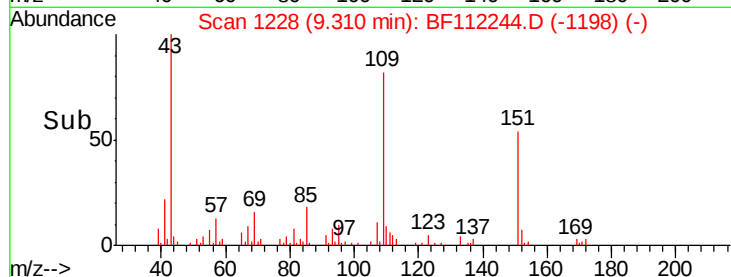
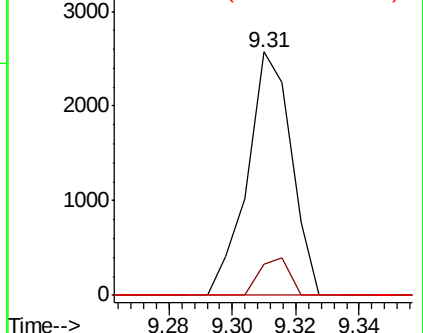
#48
2-Nitroaniline
Concen: 0.329 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.12 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Instrument :
BNA_F
ClientSampleId :
EWB

Tgt Ion: 65 Resp: 2485
Ion Ratio Lower Upper
65 100
92 12.8 60.4 90.6#
138 0.0 104.4 156.6#

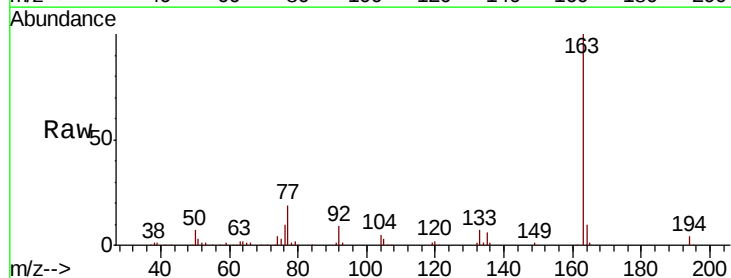


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

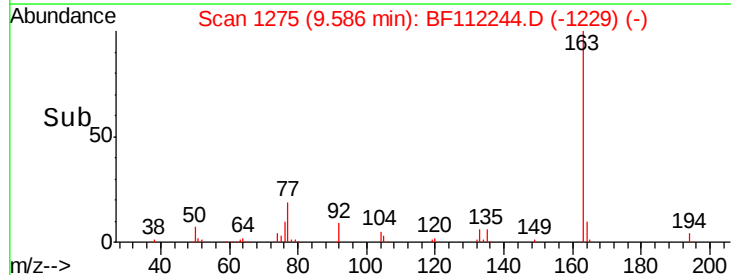
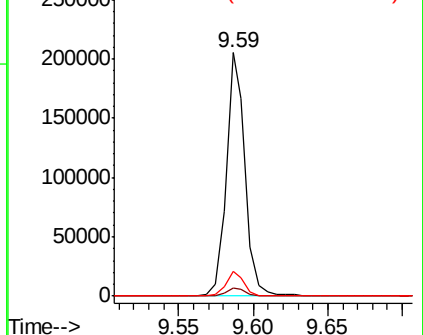


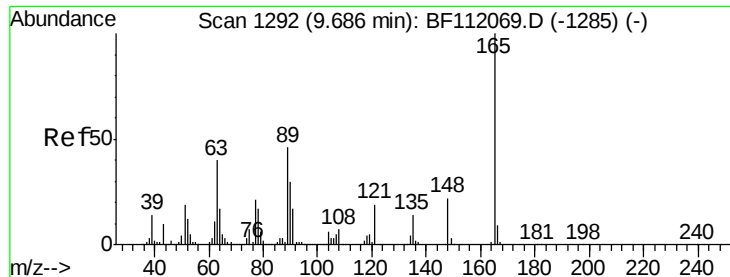
#50
Dimethylphthalate
Concen: 5.738 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:163 Resp: 182064
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.1 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

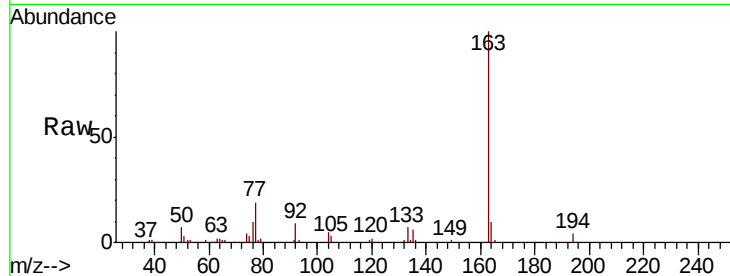




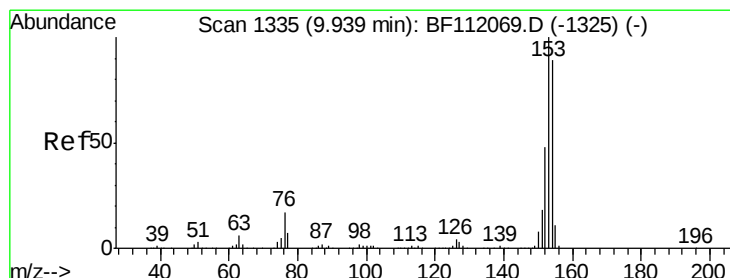
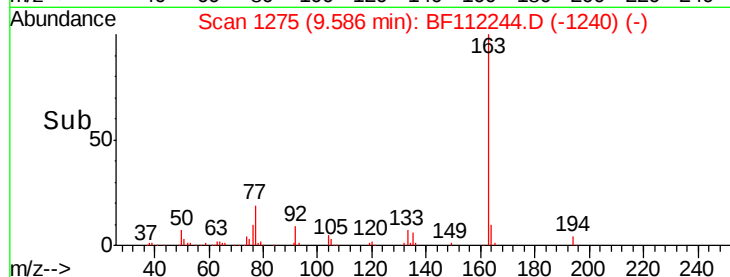
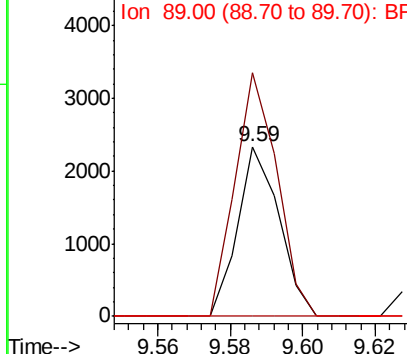
#51
2,6-Dinitrotoluene
Concen: 0.260 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.09 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Instrument :
BNA_F
ClientSampleId :
EWB

Tgt Ion:165 Resp: 1849
Ion Ratio Lower Upper
165 100
63 143.6 33.8 50.8#
89 0.0 36.9 55.3#

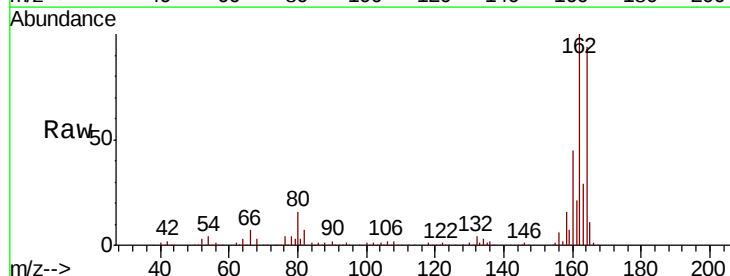


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

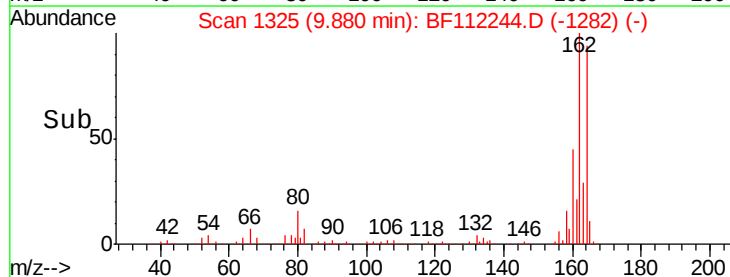
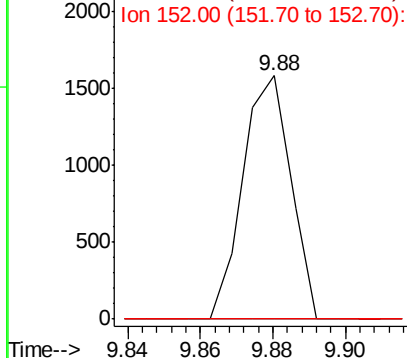


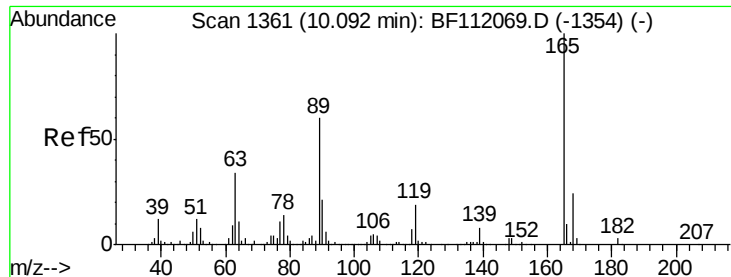
#52
Acenaphthene
Concen: 0.060 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:154 Resp: 1451
Ion Ratio Lower Upper
154 100
153 0.0 89.8 134.6#
152 0.0 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

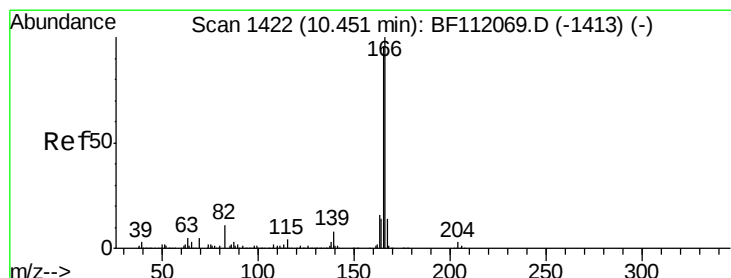
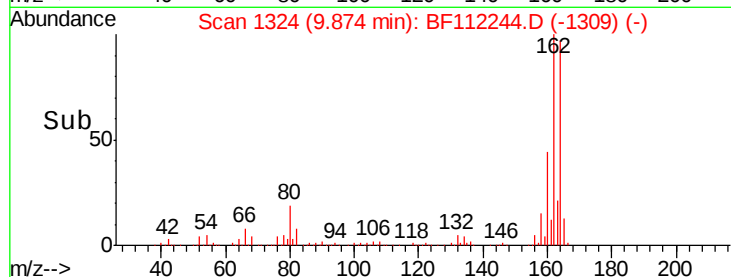
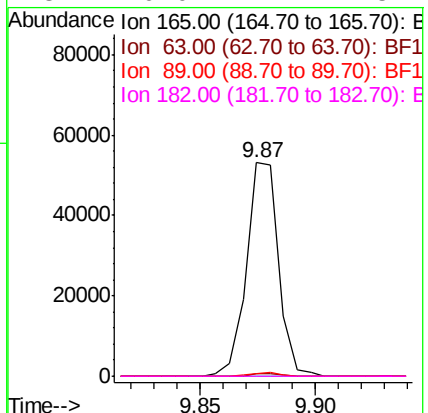
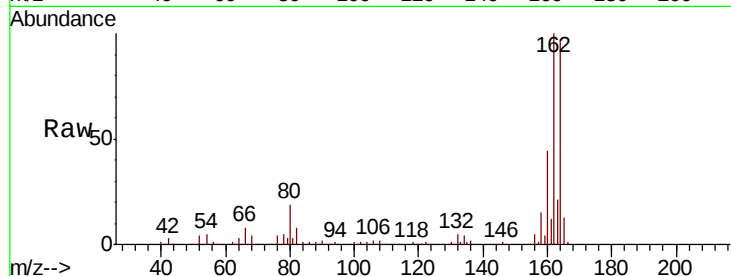




#57
 2,4-Dinitrotoluene
 Concen: 5.691 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

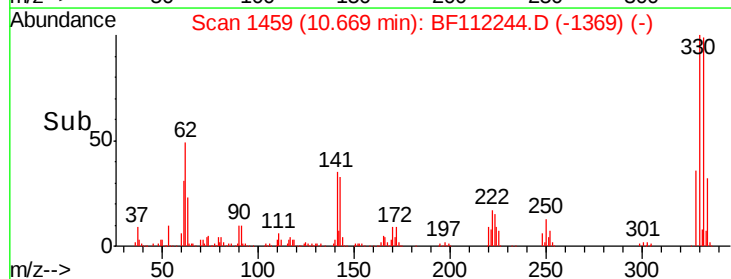
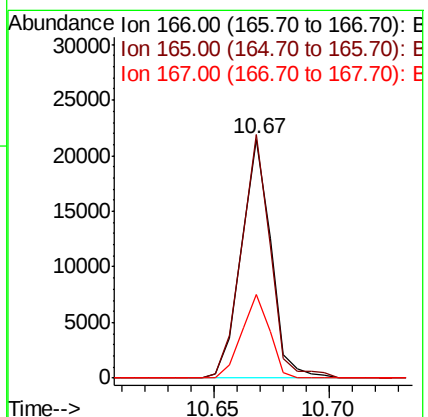
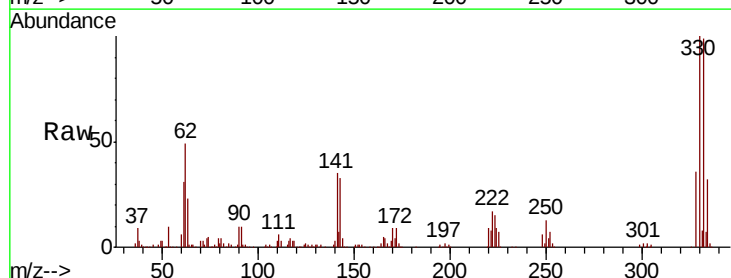
Instrument :
 BNA_F
 ClientSampleId :
 EWB

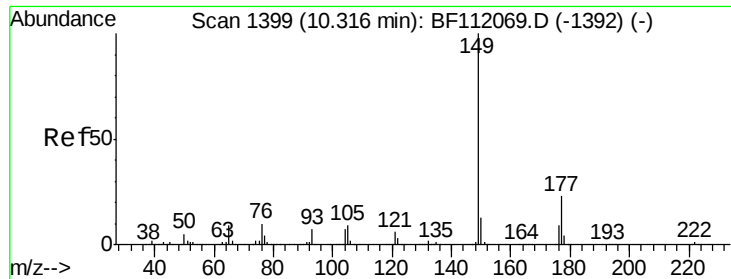
Tgt Ion:	165	Resp:	51486
Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#



#58
 Fluorene
 Concen: 0.699 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.23 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

Tgt Ion:	166	Resp:	19374
Ion	Ratio	Lower	Upper
166	100		
165	102.0	77.1	115.7
167	35.0	11.3	16.9#

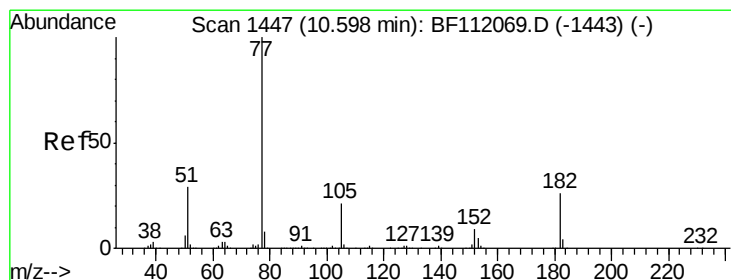
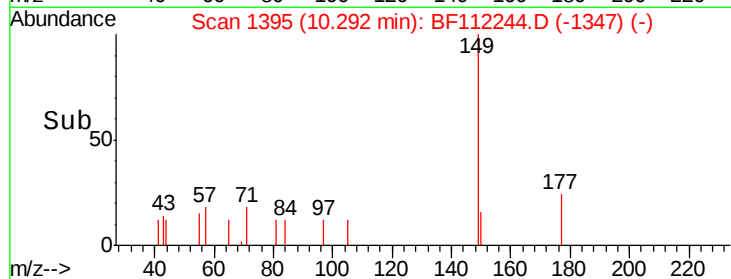
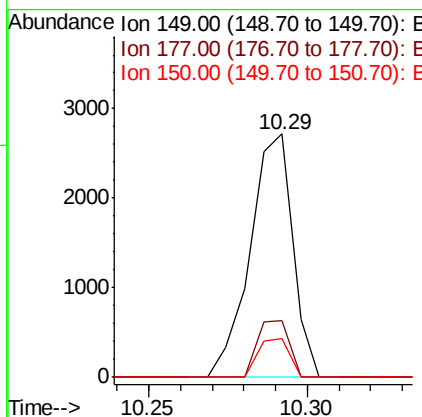
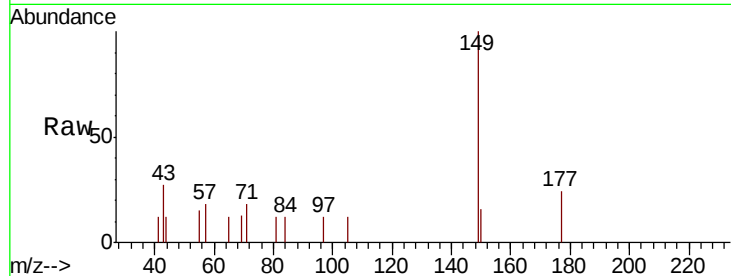




#60
Diethylphthalate
Concen: 0.081 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

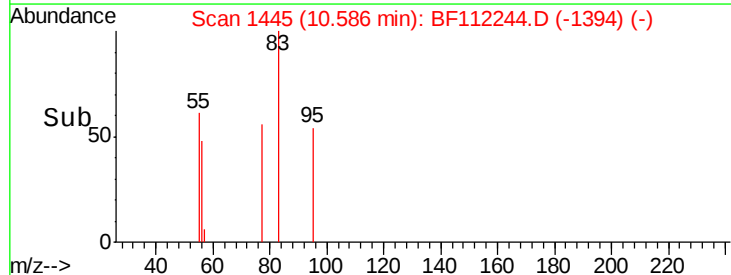
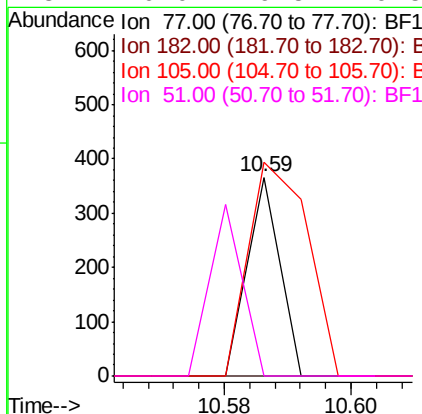
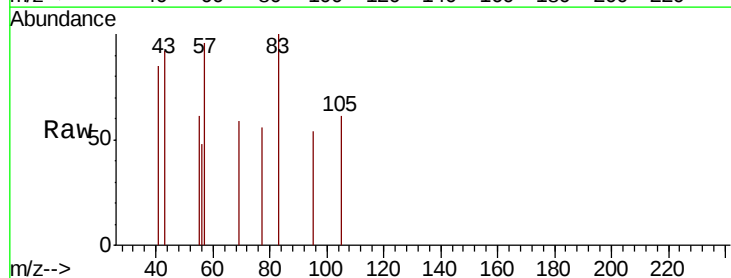
Instrument :
BNA_F
ClientSampleId :
EWB

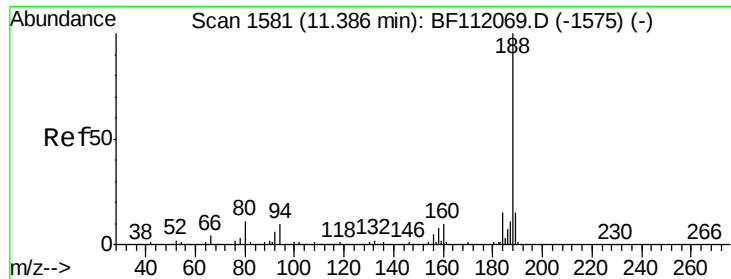
Tgt Ion: 149 Resp: 2547
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 15.9 10.4 15.6#



#63
Azobenzene
Concen: 0.005 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion: 77 Resp: 129
Ion Ratio Lower Upper
77 100
182 0.0 5.7 45.7#
105 107.7 1.4 41.4#
51 0.0 9.5 49.5#

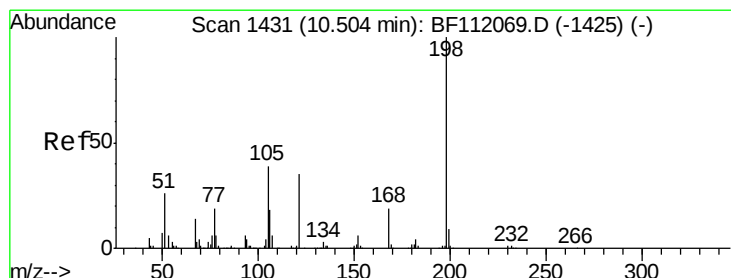
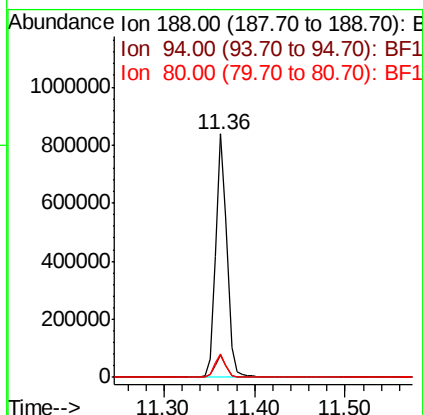
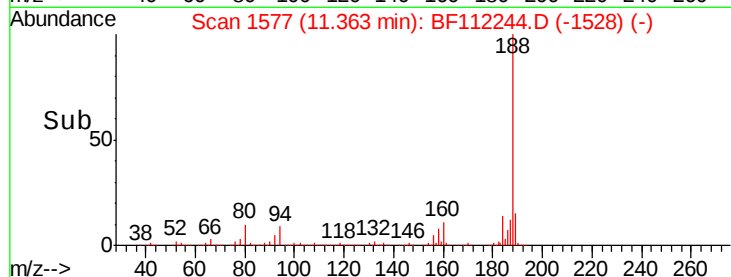
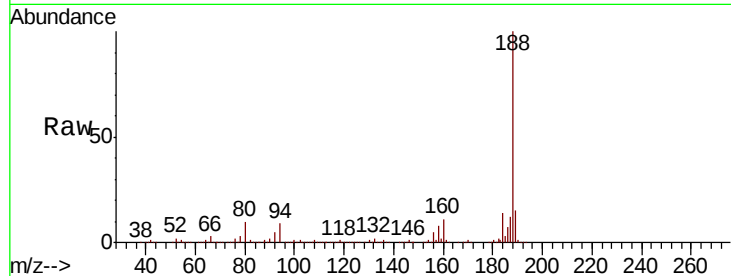




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

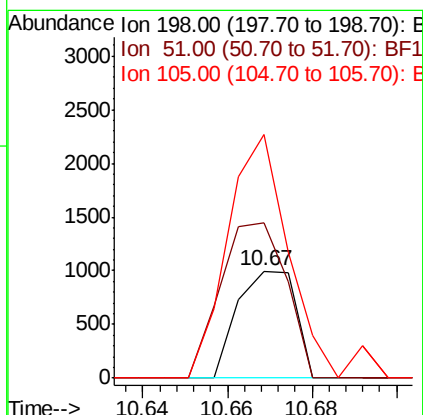
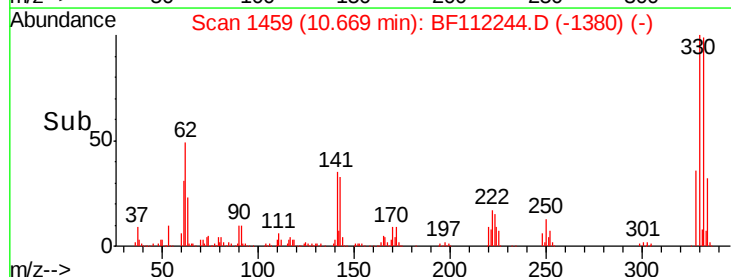
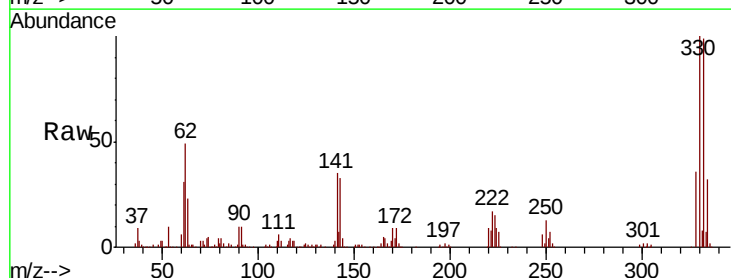
Instrument :
BNA_F
ClientSampleId :
EWB

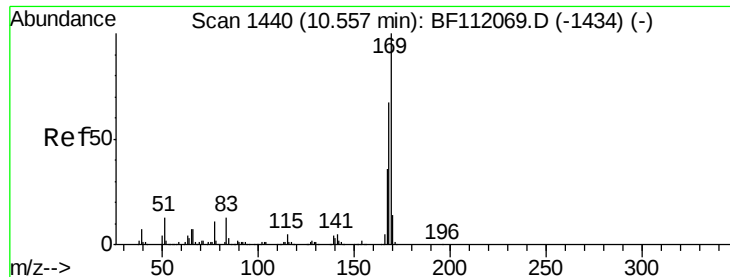
Tgt Ion:188 Resp: 718433
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.7 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 0.238 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.16 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:198 Resp: 957
Ion Ratio Lower Upper
198 100
51 145.4 17.2 57.2#
105 227.5 21.9 61.9#





#66

n-Nitrosodiphenylamine

Concen: 0.582 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.12 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

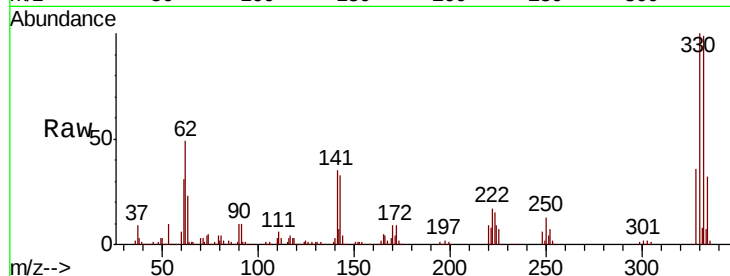
Tgt Ion:169 Resp: 14085

Ion Ratio Lower Upper

169 100

168 8.2 53.9 80.9#

167 49.5 28.9 43.3#

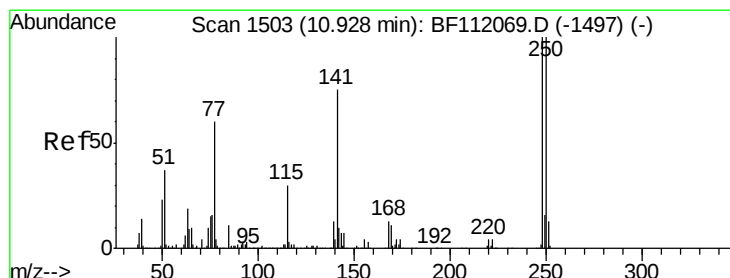
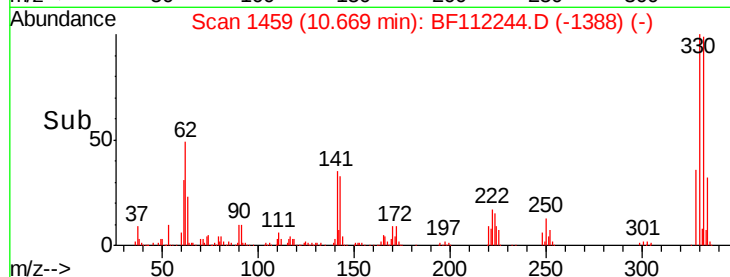
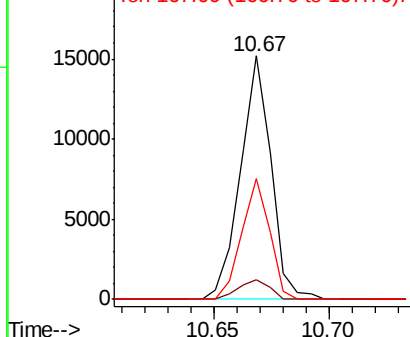


Abundance

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: 3.473 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

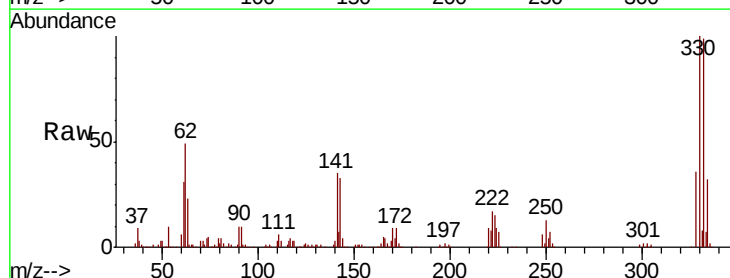
Tgt Ion:248 Resp: 29350

Ion Ratio Lower Upper

248 100

250 199.5 79.7 119.5#

141 545.2 60.3 90.5#

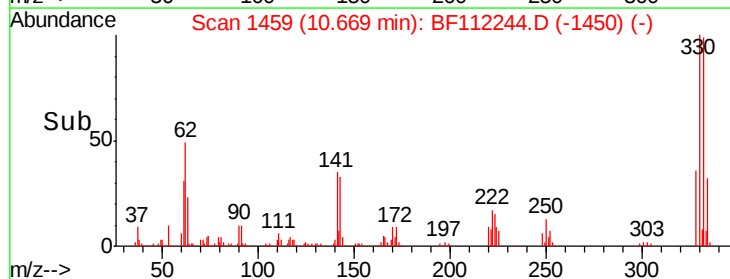
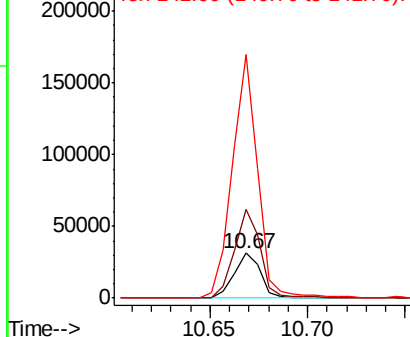


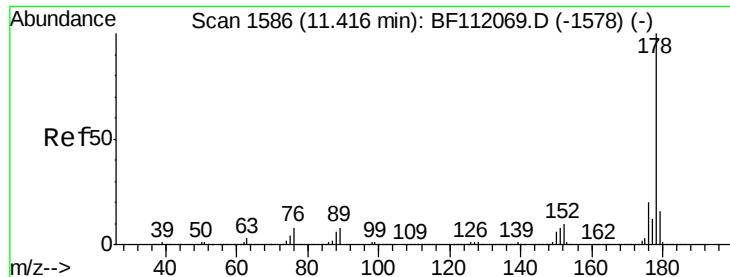
Abundance

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: 0.088 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

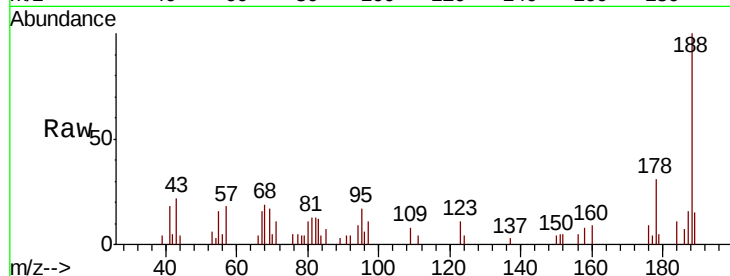
Tgt Ion:178 Resp: 3299

Ion Ratio Lower Upper

178 100

176 27.4 16.3 24.5#

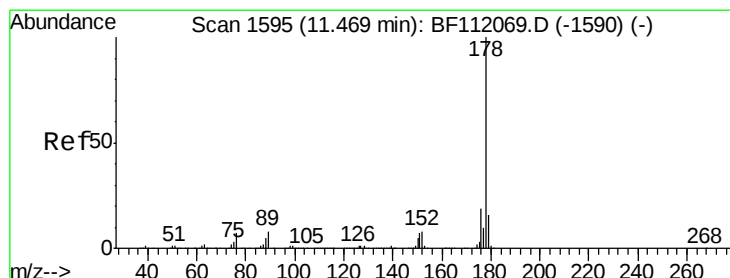
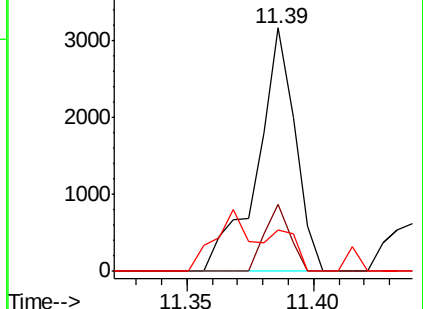
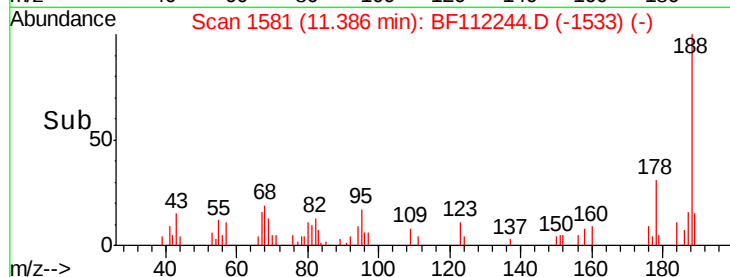
179 17.2 13.0 19.4



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: 0.023 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

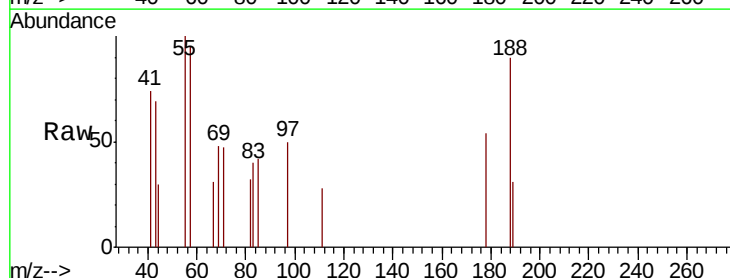
Tgt Ion:178 Resp: 857

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

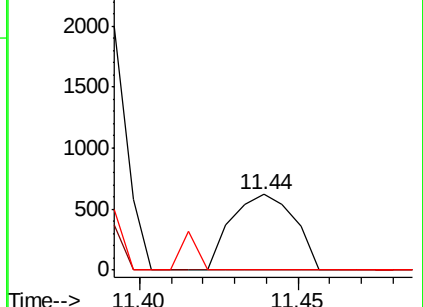
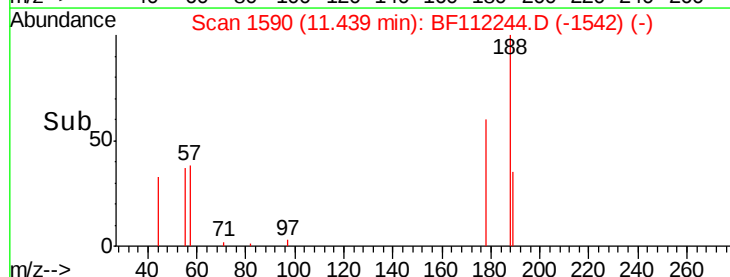
179 0.0 12.8 19.2#

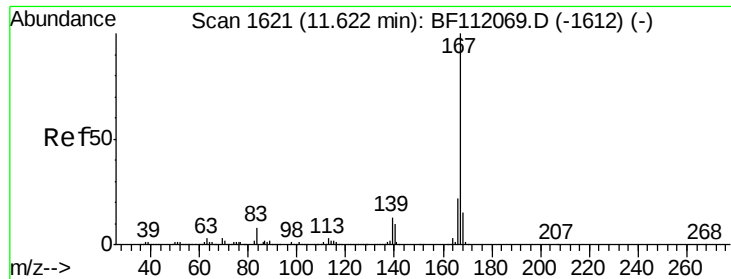


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

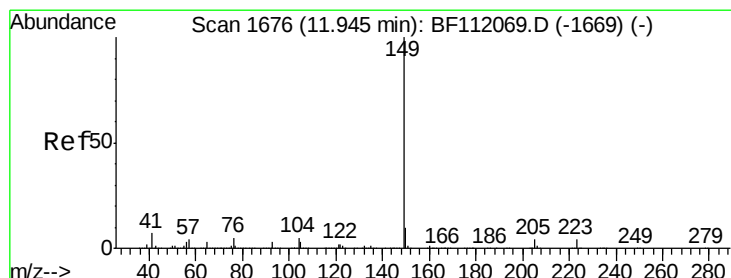
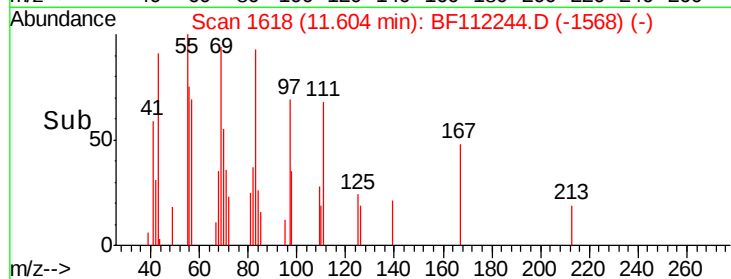
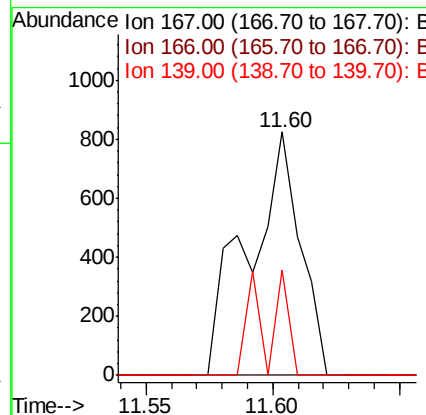
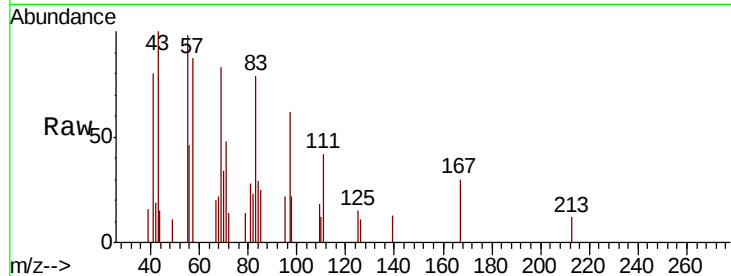




#73
 Carbazole
 Concen: 0.032 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

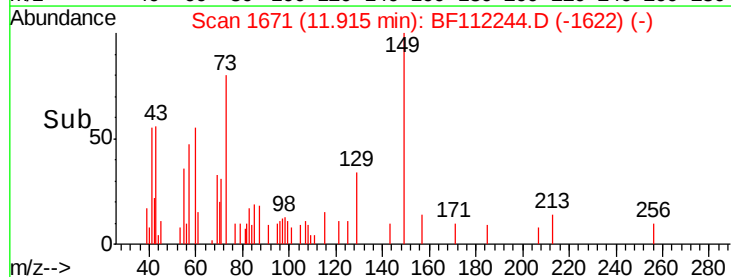
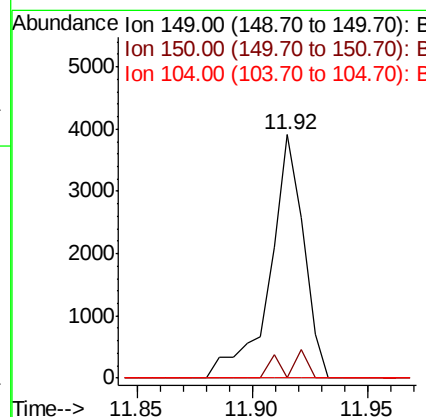
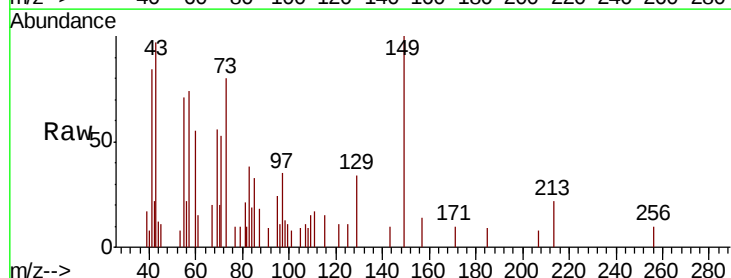
Instrument :
 BNA_F
 ClientSampleId :
 EWB

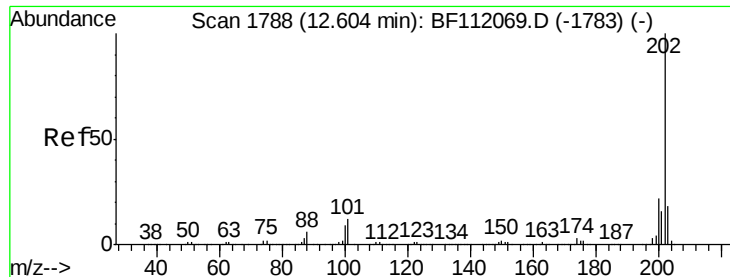
Tgt Ion:167 Resp: 1188
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.9 26.9#
 139 43.3 10.2 15.2#



#74
 Di-n-butylphthalate
 Concen: 0.087 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

Tgt Ion:149 Resp: 3955
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.1 12.1#
 104 0.0 3.9 5.9#





#75

Fluoranthene

Concen: 0.107 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

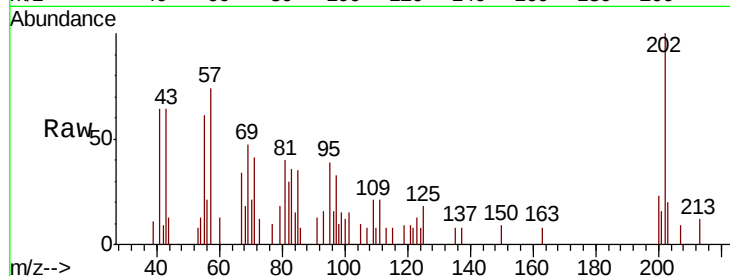
Tgt Ion:202 Resp: 4295

Ion Ratio Lower Upper

202 100

101 14.7 0.0 31.8

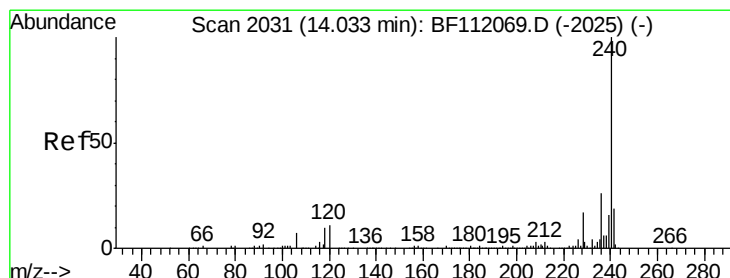
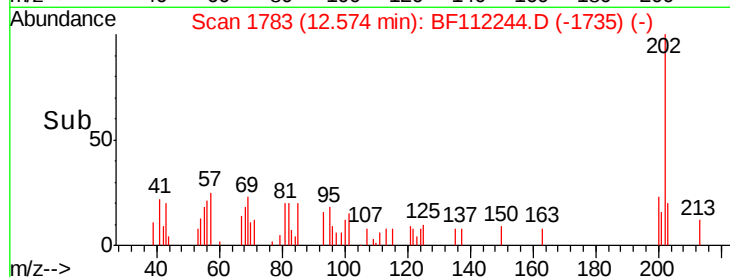
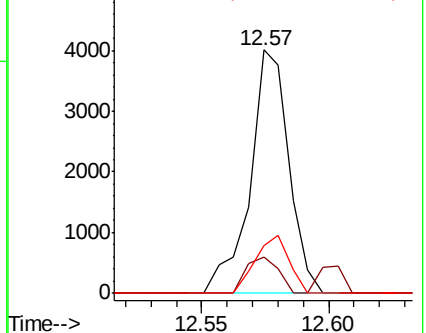
203 19.5 0.0 38.4



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# 2026

Delta R.T. -0.01 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

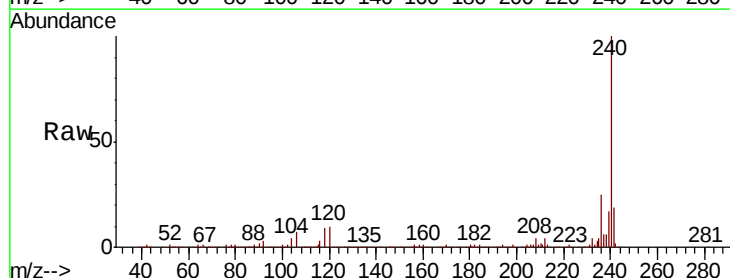
Tgt Ion:240 Resp: 398274

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

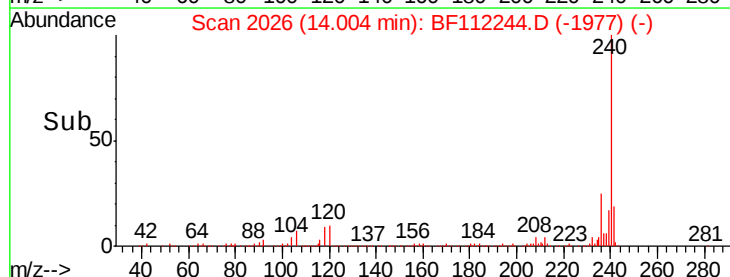
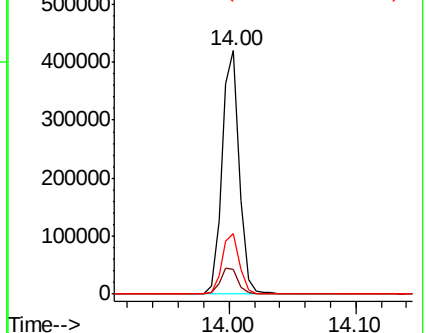
236 24.9 20.7 31.1

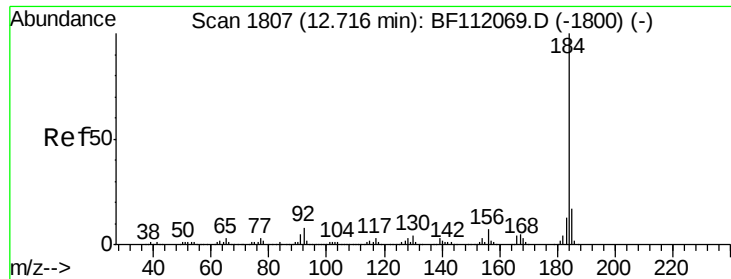


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.232 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.13 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

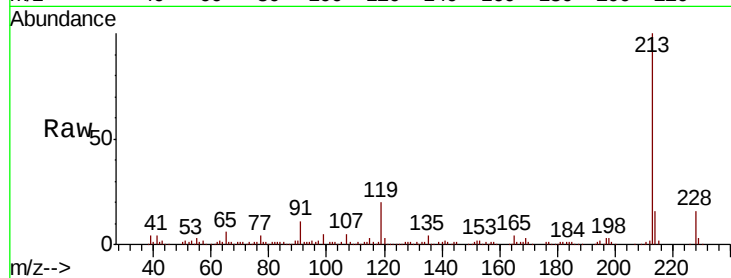
Tgt Ion:184 Resp: 2548

Ion Ratio Lower Upper

184 100

185 58.7 13.9 20.9#

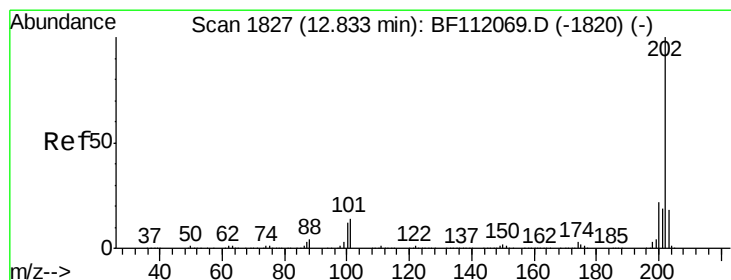
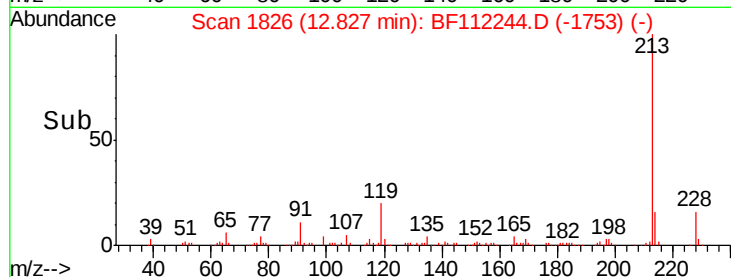
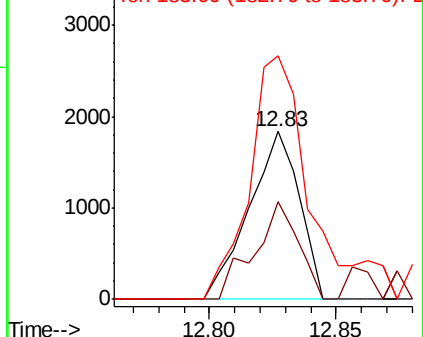
183 145.3 10.0 15.0#



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: 0.156 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.25 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

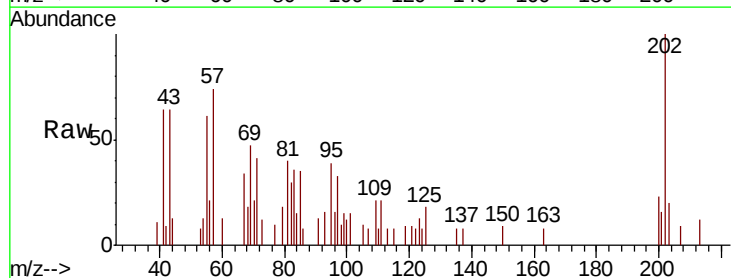
Tgt Ion:202 Resp: 4295

Ion Ratio Lower Upper

202 100

200 22.8 17.7 26.5

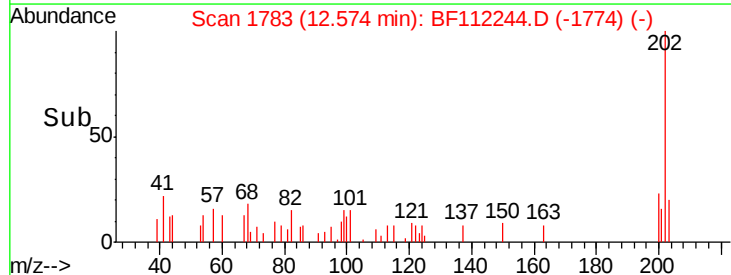
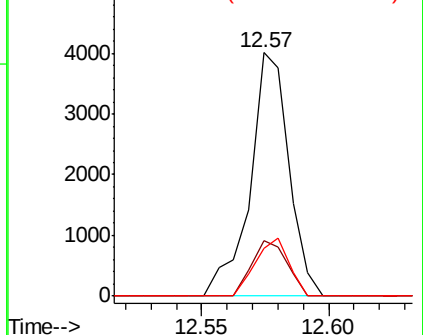
203 19.5 14.6 22.0

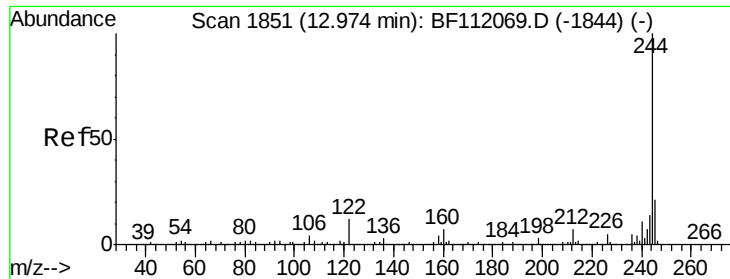


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

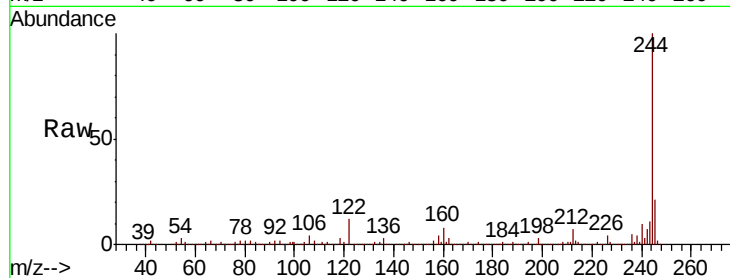




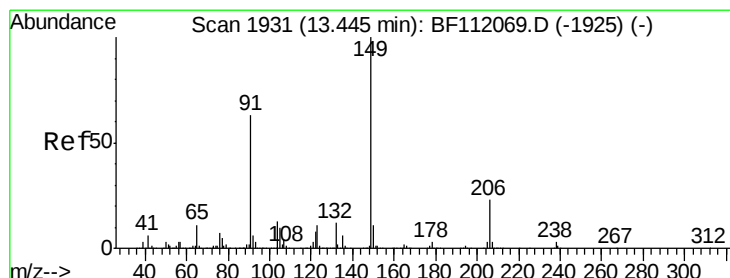
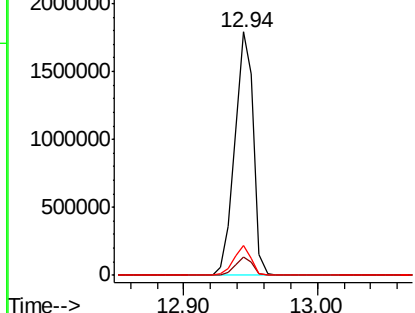
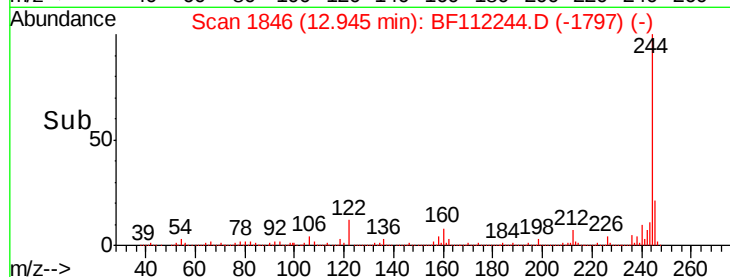
#79
 Terphenyl-d14
 Concen: 83.035 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 EWB

Tgt Ion:244 Resp: 1755854
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.1 9.8 14.6

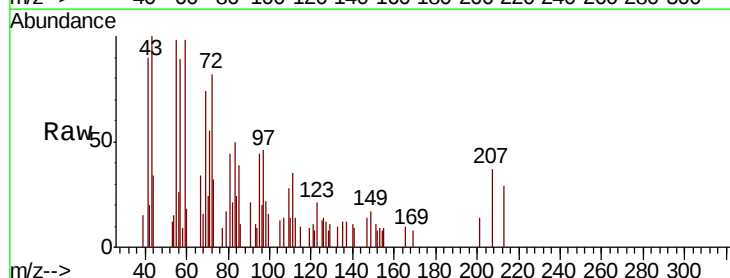


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

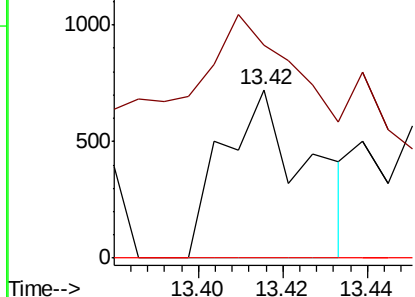
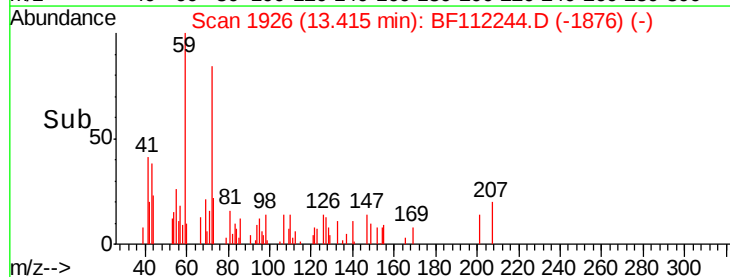


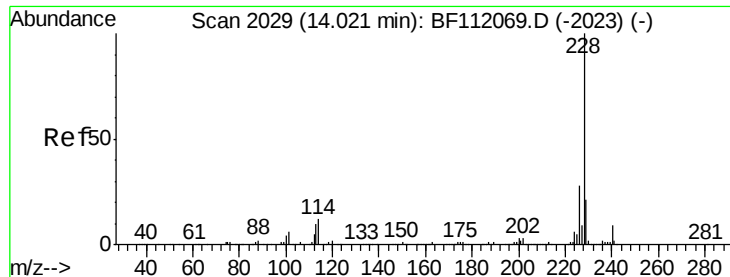
#80
 Butylbenzylphthalate
 Concen: 0.076 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF112244.D
 Acq: 25 Jan 2019 20:55

Tgt Ion:149 Resp: 1012
 Ion Ratio Lower Upper
 149 100
 91 126.3 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: 0.129 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

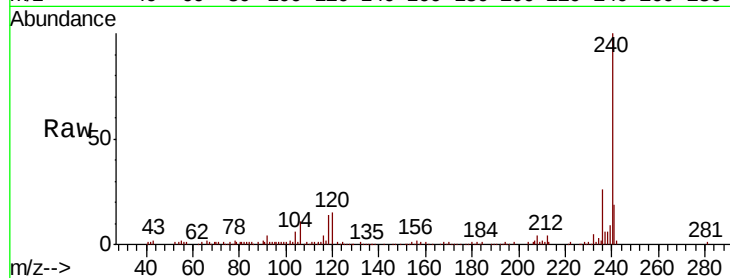
Tgt Ion:228 Resp: 3017

Ion Ratio Lower Upper

228 100

226 33.2 22.6 34.0

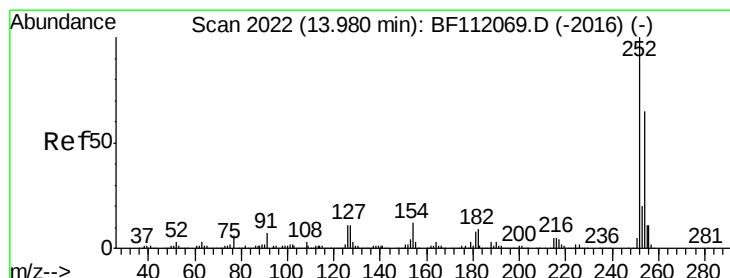
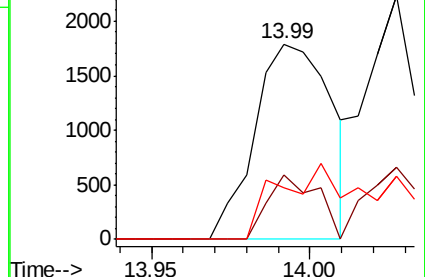
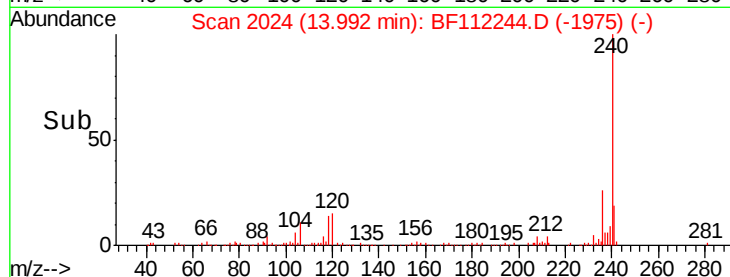
229 26.7 16.5 24.7#



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



#82

3,3'-Dichlorobenzidine

Concen: 0.025 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.12 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

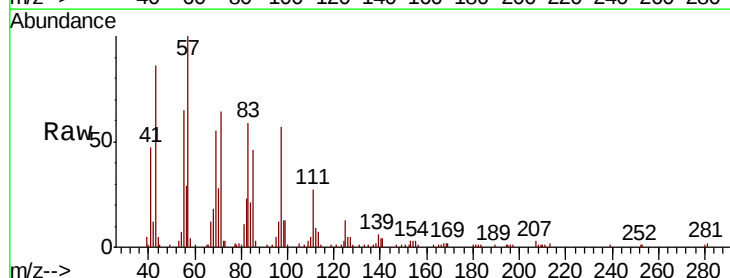
Tgt Ion:252 Resp: 222

Ion Ratio Lower Upper

252 100

254 0.0 51.6 77.4#

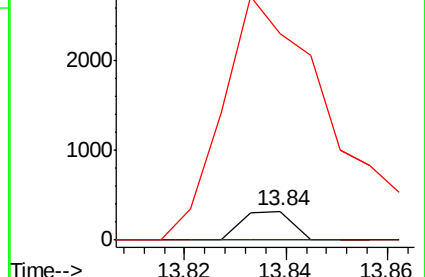
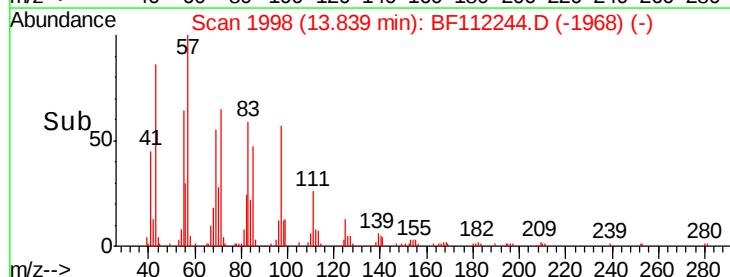
126 717.4 8.6 12.8#

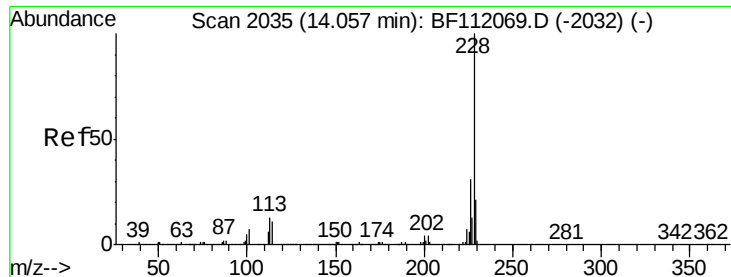


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.129 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampleId :

EWB

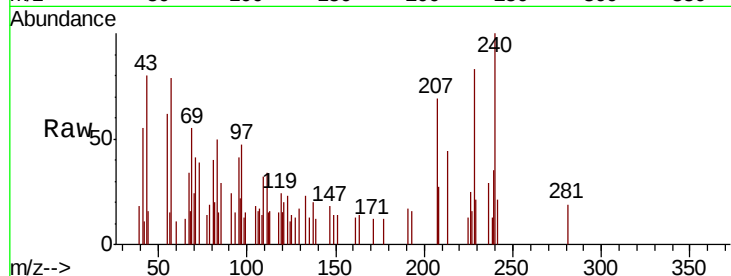
Tgt Ion:228 Resp: 2883

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

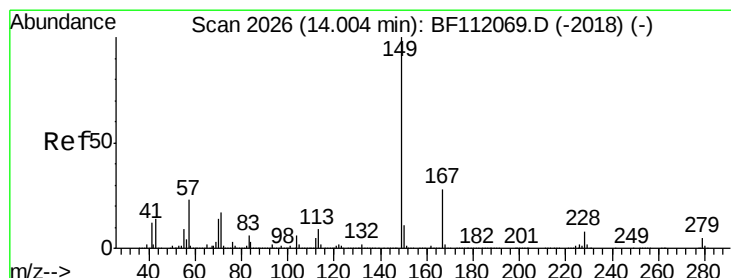
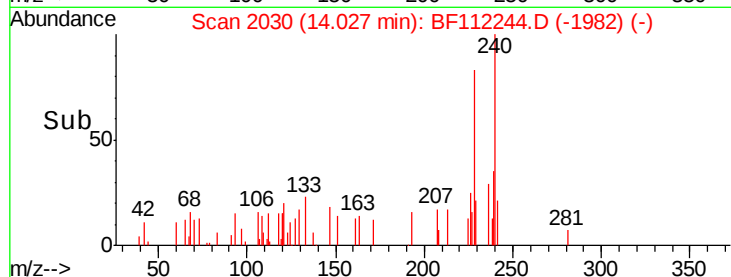
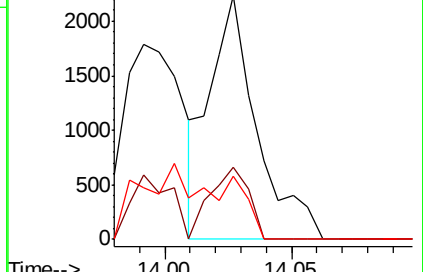
229 25.8 16.6 24.8#



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: 0.633 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

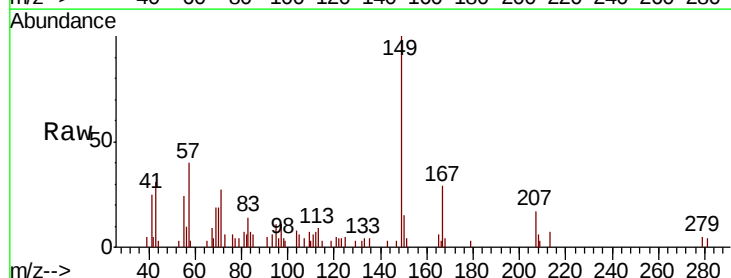
Tgt Ion:149 Resp: 11990

Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

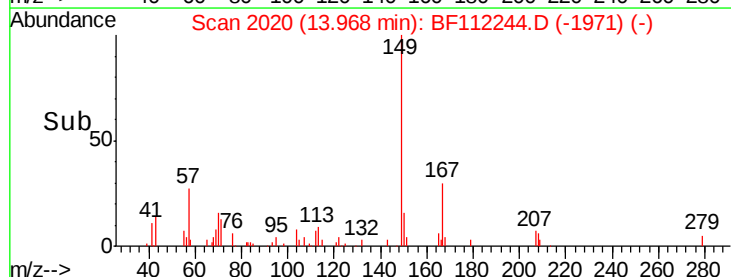
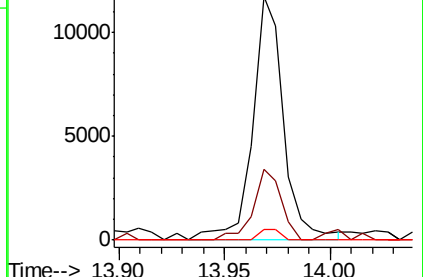
279 4.5 3.8 5.6

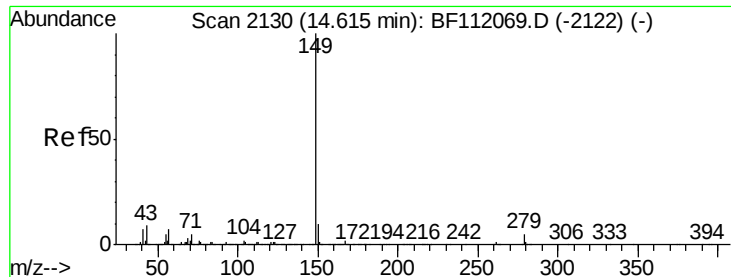


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

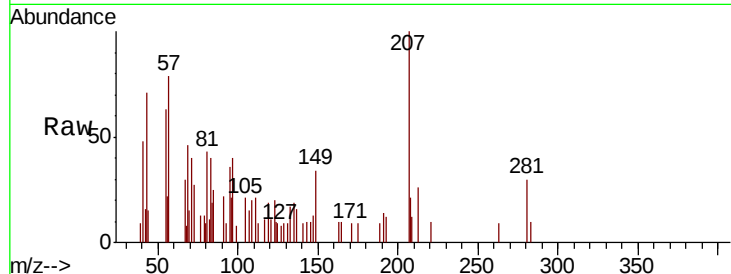




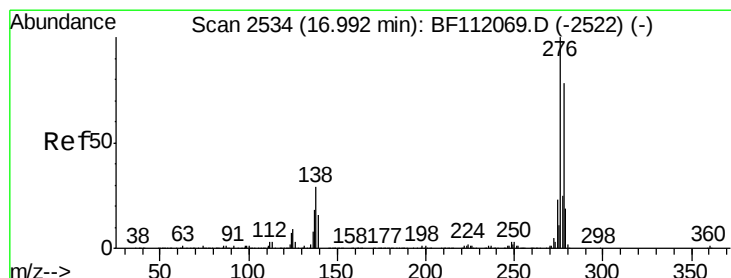
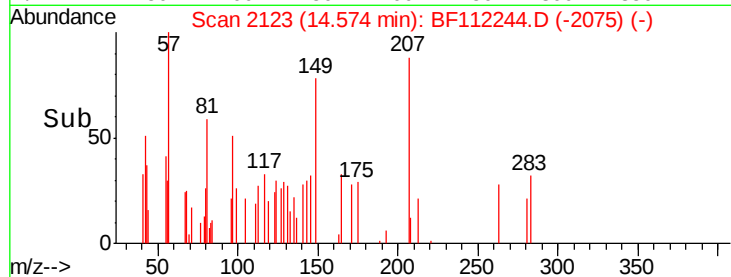
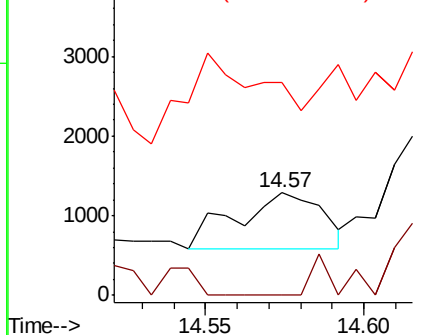
#85
Di-n-octyl phthalate
Concen: 0.046 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Instrument :
BNA_F
ClientSampled :
EWB

Tgt Ion:149 Resp: 1341
Ion Ratio Lower Upper
149 100
167 13.9 1.3 1.9#
43 0.0 7.8 11.6#

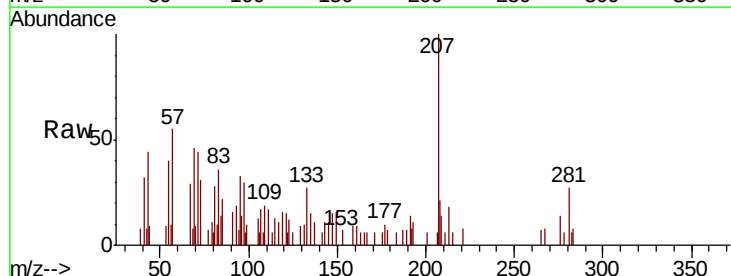


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

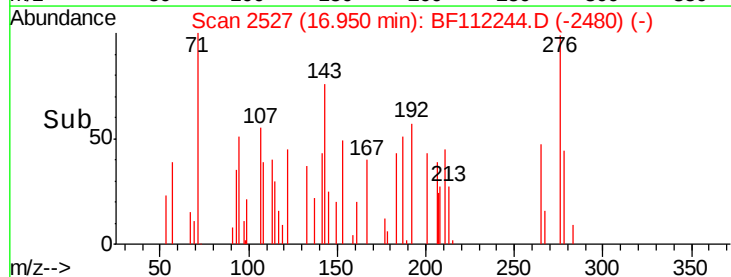
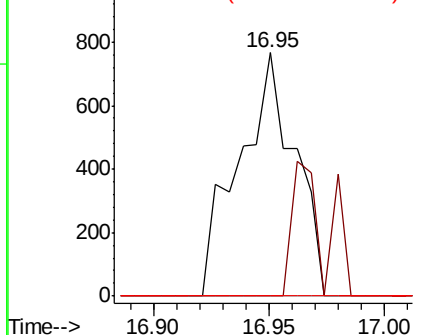


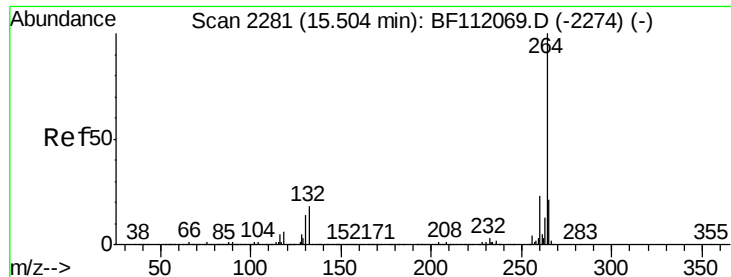
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:276 Resp: 1291
Ion Ratio Lower Upper
276 100
138 32.8 22.6 34.0
277 0.0 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

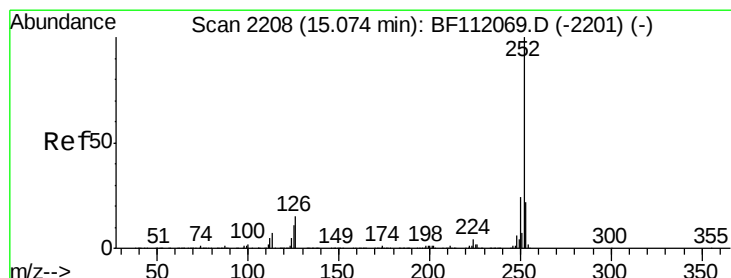
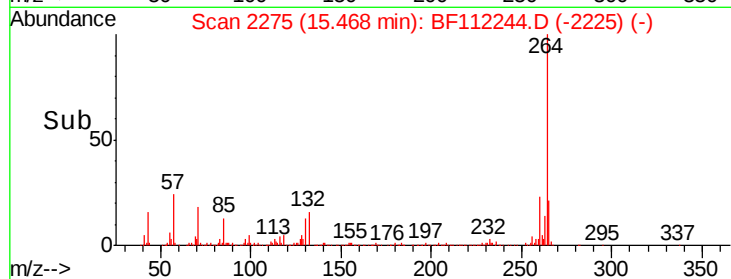
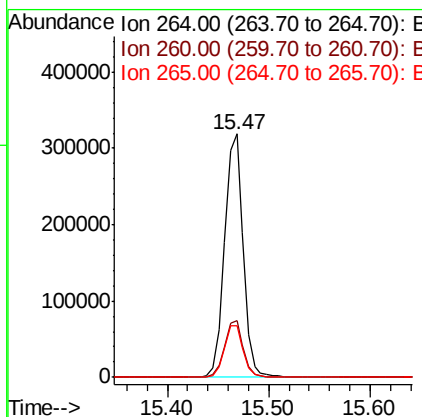
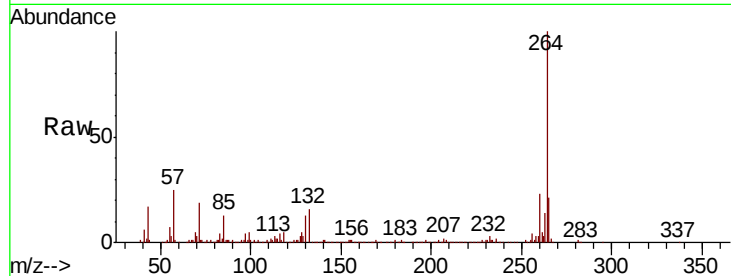




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

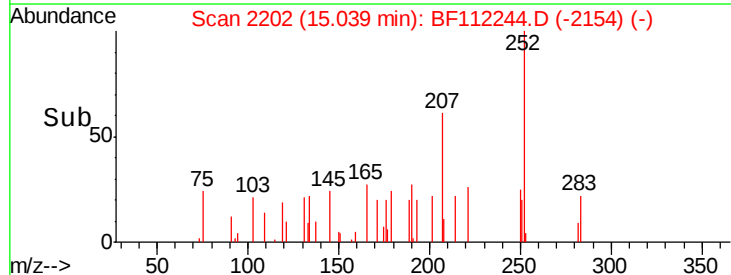
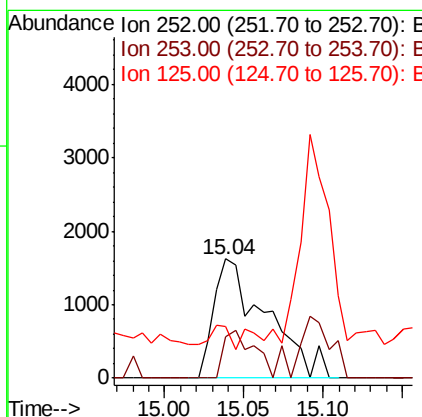
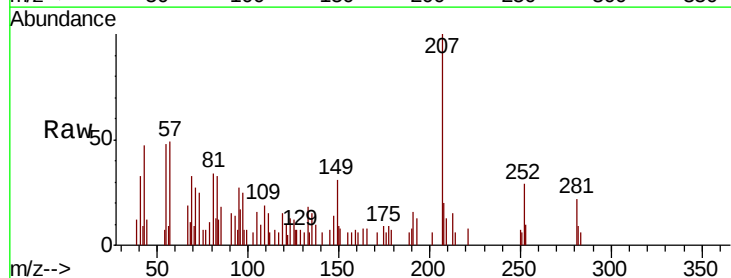
Instrument :
BNA_F
ClientSampleId :
EWB

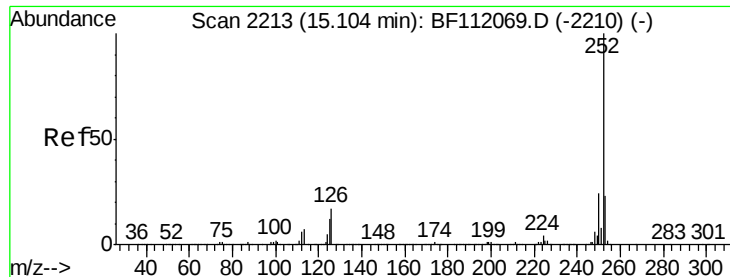
Tgt Ion:264 Resp: 406497
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.2
265 21.0 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 0.153 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:252 Resp: 3713
Ion Ratio Lower Upper
252 100
253 35.1 18.0 27.0#
125 42.9 8.7 13.1#

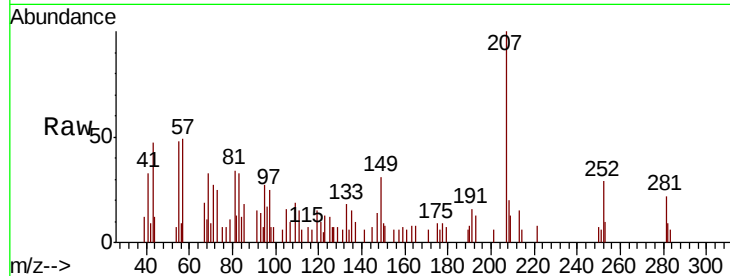




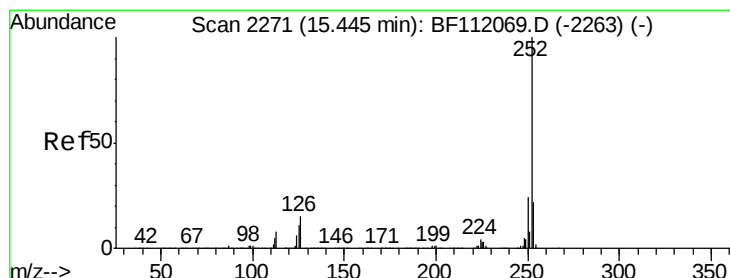
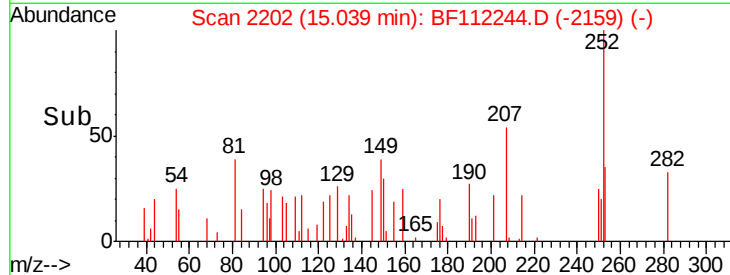
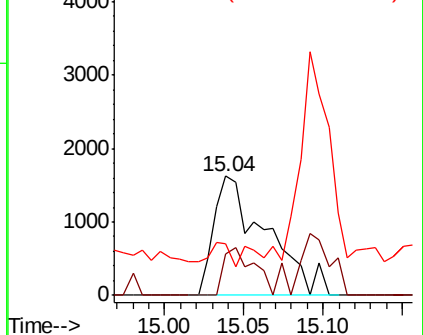
#89
Benzo(k)fluoranthene
Concen: 0.159 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Instrument :
BNA_F
ClientSampleId :
EWB

Tgt Ion:252 Resp: 3713
Ion Ratio Lower Upper
252 100
253 35.1 18.0 27.0#
125 42.9 9.1 13.7#

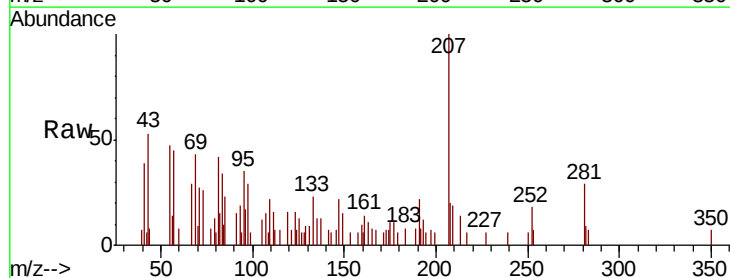


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

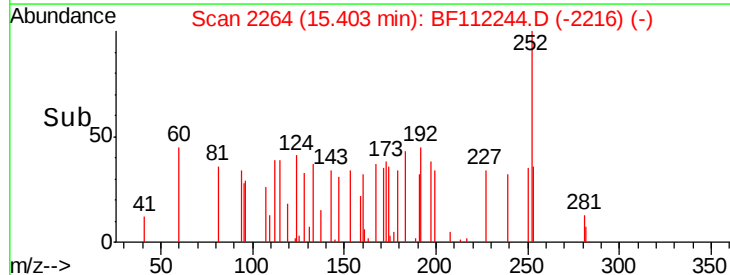
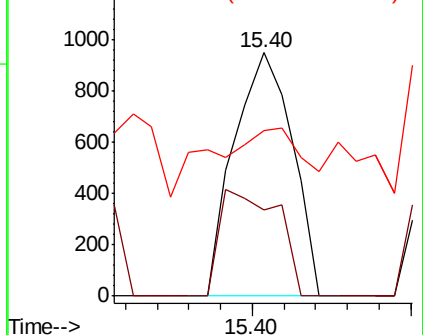


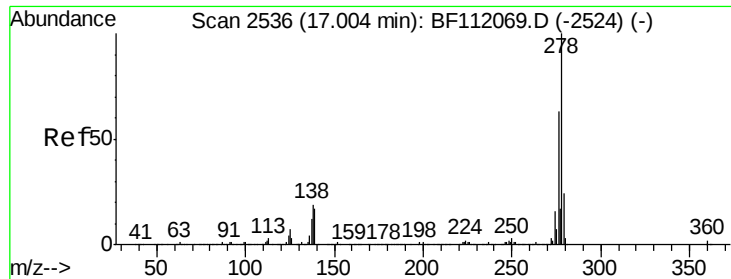
#90
Benzo(a)pyrene
Concen: 0.055 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112244.D
Acq: 25 Jan 2019 20:55

Tgt Ion:252 Resp: 1208
Ion Ratio Lower Upper
252 100
253 35.6 17.5 26.3#
125 67.9 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: 0.014 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

Instrument :

BNA_F

ClientSampled :

EWB

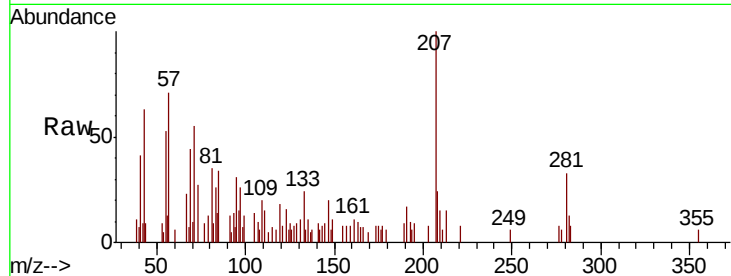
Tgt Ion: 278 Resp: 247

Ion Ratio Lower Upper

278 100

139 0.0 13.7 20.5#

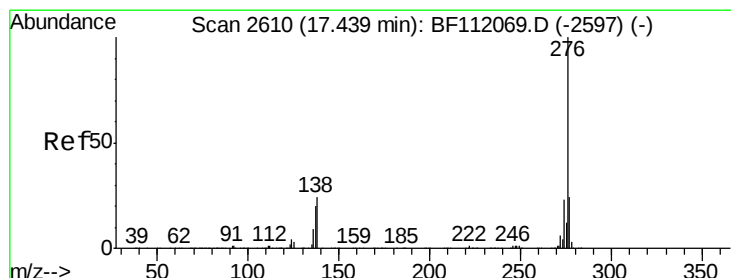
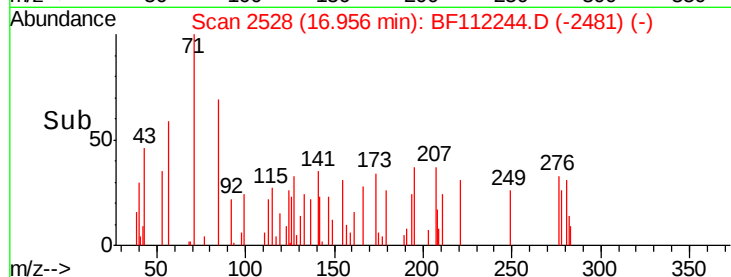
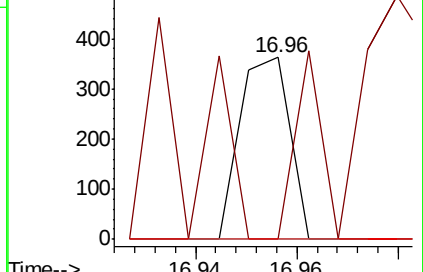
279 0.0 19.0 28.6#



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: 0.051 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.04 min

Lab File: BF112244.D

Acq: 25 Jan 2019 20:55

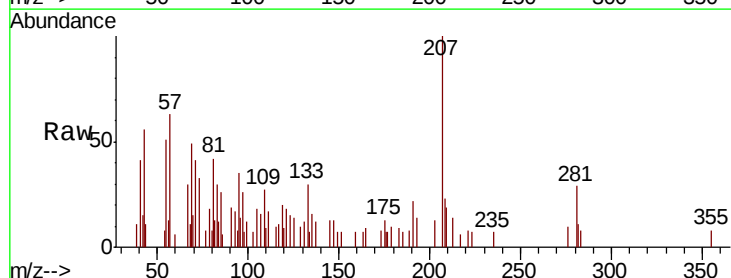
Tgt Ion: 276 Resp: 849

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.0#

138 0.0 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

