

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105174.D
 Acq On : 9 May 2018 5:10
 Operator : JU/SJ
 Sample : PB108327BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 11:39:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	202700	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	825947	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	398053	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	804086	20.00	ng	0.00
75) Chrysene-d12	13.99	240	706044	20.00	ng	-0.02
86) Perylene-d12	15.52	264	619120	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1538957	125.08	ng	0.01
7) Phenol-d6	6.42	99	1849124	126.22	ng	0.00
23) Nitrobenzene-d5	7.36	82	1181702	96.97	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	573908	130.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2158381	84.16	ng	0.00
78) Terphenyl-d14	12.91	244	2416770	79.51	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.56	93	2141	0.100	ng	# 1
8) 2-Chlorophenol	6.57	128	557	0.043	ng	# 34
9) Benzaldehyde	6.42	77	2868	0.255	ng	# 1
10) Phenol	6.43	94	260	0.016	ng	# 1
11) bis(2-Chloroethyl)ether	6.56	93	2141	0.159	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	280	0.018	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	280	0.018	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	280	0.019	ng	# 1
15) Benzyl Alcohol	6.95	79	19798	1.766	ng	# 36
17) 2-Methylphenol	6.95	107	115	0.010	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	161306	16.630	ng	# 82
20) 3+4-Methylphenols	6.95	107	115	0.009	ng	# 1
22) Acetophenone	6.95	105	112	0.006	ng	# 1
24) Nitrobenzene	7.35	77	3150	0.228	ng	# 34
25) Isophorone	7.36	82	1181515	43.351	ng	# 64
31) Naphthalene	8.09	128	140	0.004	ng	# 68
45) 1,1'-Biphenyl	9.25	154	6900	0.213	ng	# 93
47) 2-Nitroaniline	9.15	65	3915	6.292	ng	# 3
50) 2,6-Dinitrotoluene	9.82	165	51978	8.889	ng	# 25
51) Acenaphthene	9.82	154	1635	0.068	ng	# 4
56) 2,4-Dinitrotoluene	9.82	165	51978	9.792	ng	# 23
57) Fluorene	10.62	166	21042	0.813	ng	# 93
62) Azobenzene	10.61	77	2348	0.085	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	1223	9.191	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	14985	0.598	ng	# 50
66) 4-Bromophenyl-phenylether	10.62	248	32892	3.835	ng	# 1
69) Pentachlorophenol	11.07	266	493	3.307	ng	# 1
70) Phenanthrene	11.31	178	312	0.007	ng	# 1
71) Anthracene	11.31	178	312	0.007	ng	# 1
73) Di-n-butylphthalate	11.87	149	199	0.005	ng	# 78
76) Benzydine	12.64	184	978	0.037	ng	# 66
77) Pyrene	12.91	202	8131	0.158	ng	# 71
80) Benzo(a)anthracene	13.99	228	1839	0.043	ng	# 57
82) Chrysene	13.99	228	1839	0.042	ng	# 55

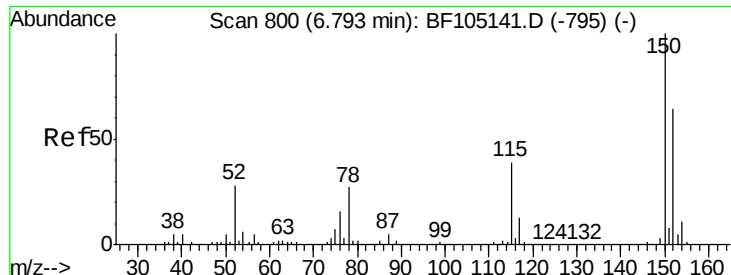
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105174.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.52	252	1990	0.058	ng	# 55

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

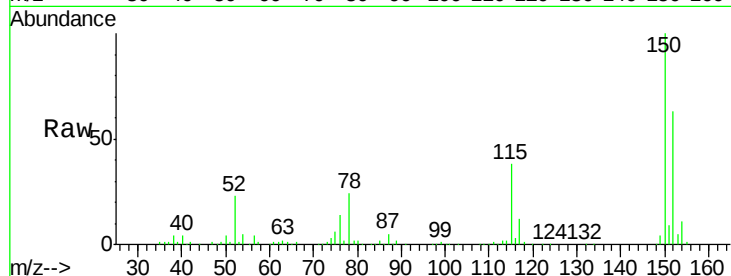


#1

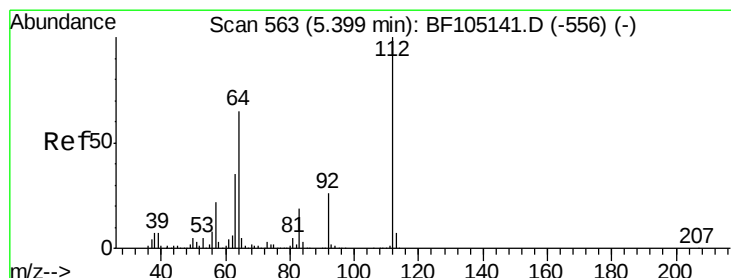
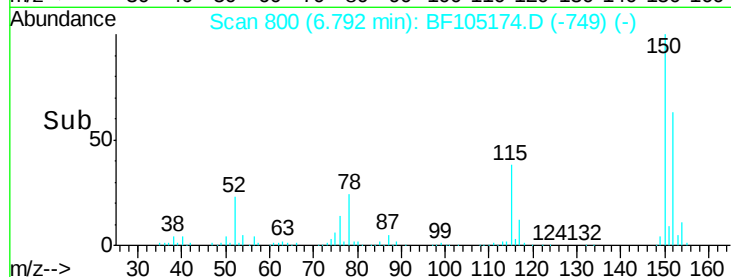
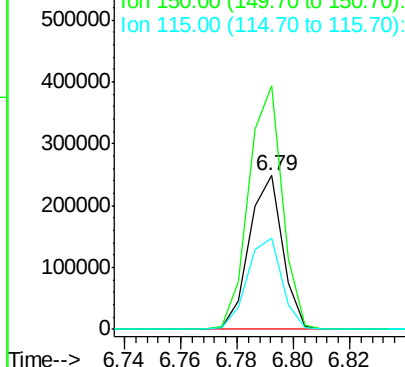
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	59.6	50.1	75.1



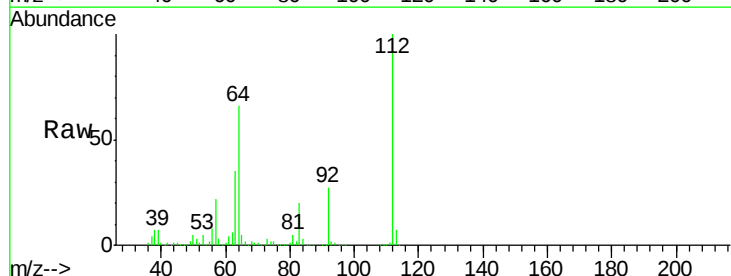
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



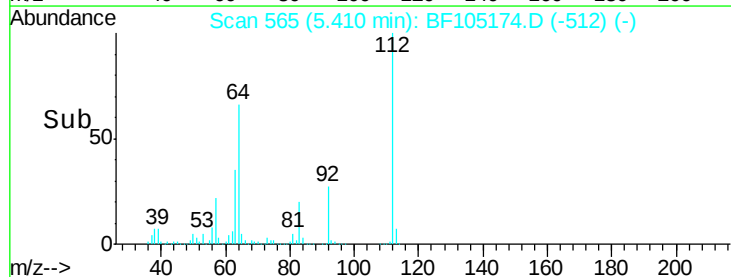
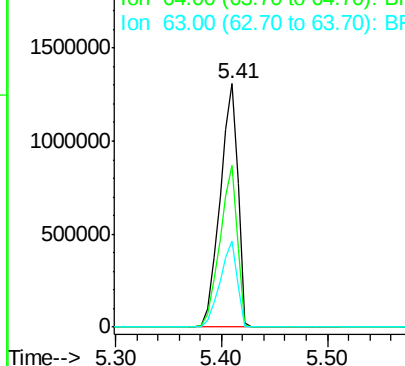
#5

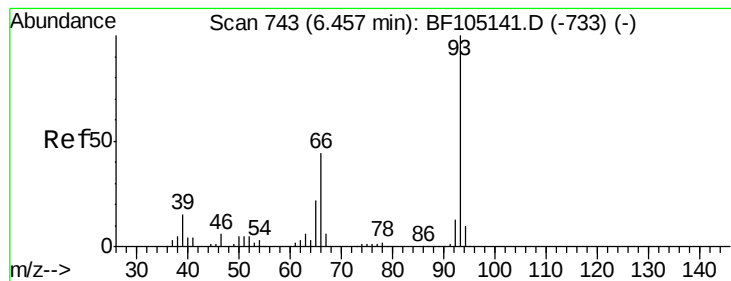
2-Fluorophenol
Concen: 125.078 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	35.2	23.7	35.5



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: 0.100 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.10 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampled :

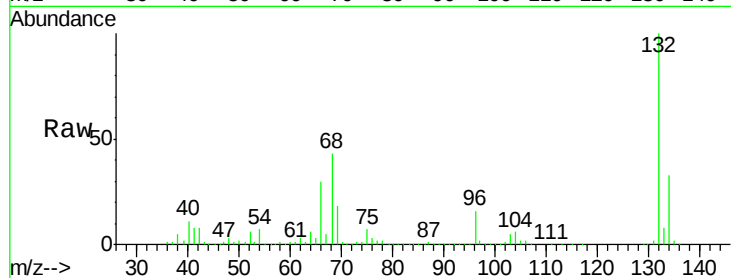
Tot Ion: 93 Resp: 2141

Ion Ratio Lower Upper

93 100

66 19512.3 32.2 48.2#

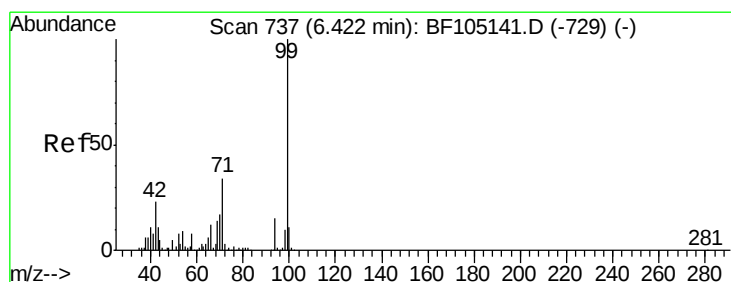
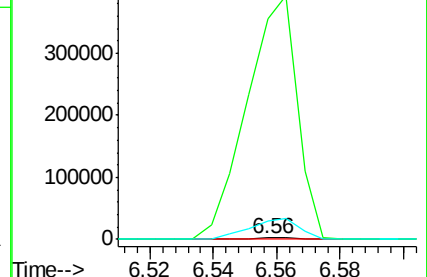
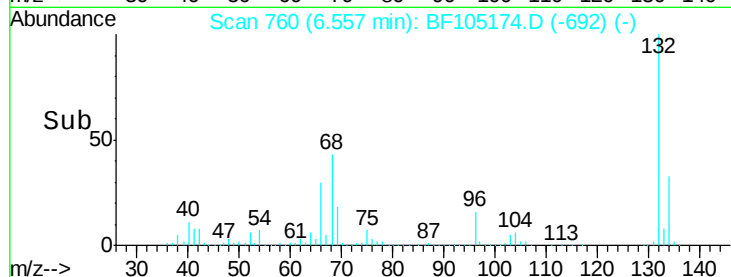
65 1653.5 16.4 24.6#



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: 126.217 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

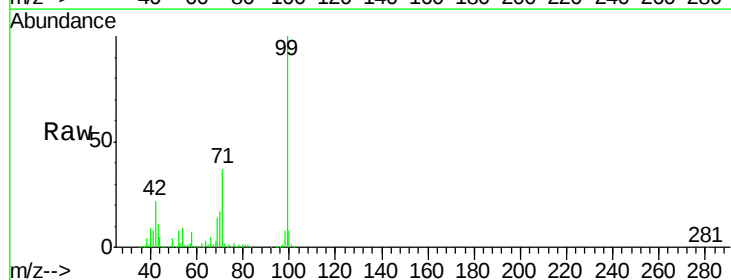
Tgt Ion: 99 Resp: 1849124

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

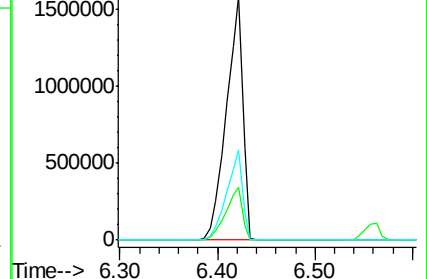
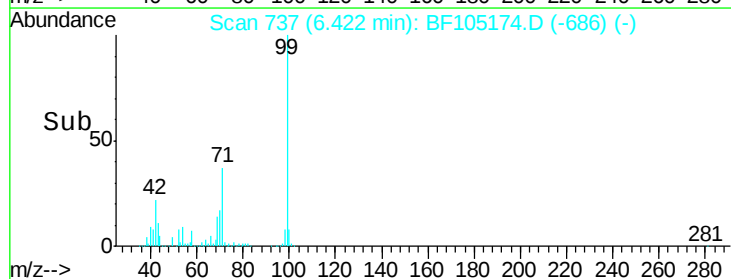
71 36.7 25.4 38.0

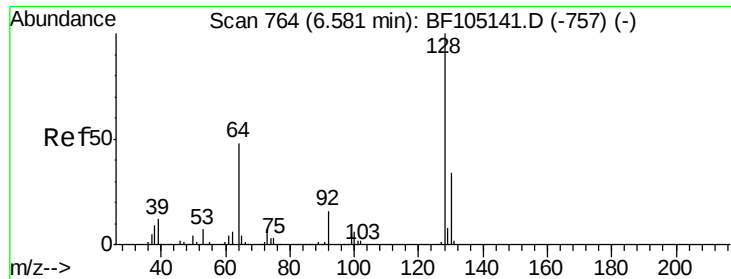


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.043 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampled :

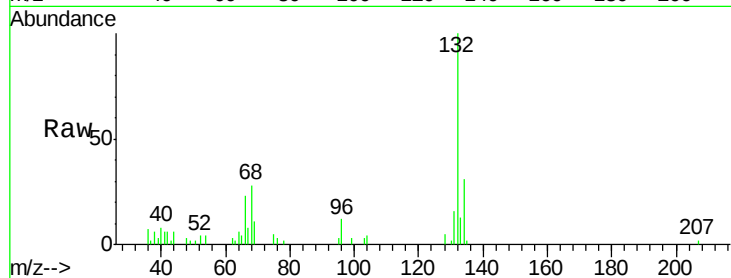
Tot Ion:128 Resp: 557

Ion Ratio Lower Upper

128 100

130 44.7 13.0 53.0

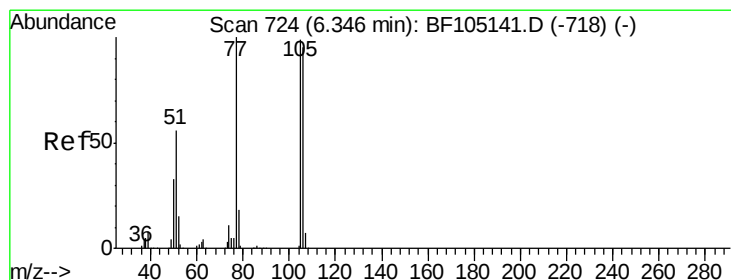
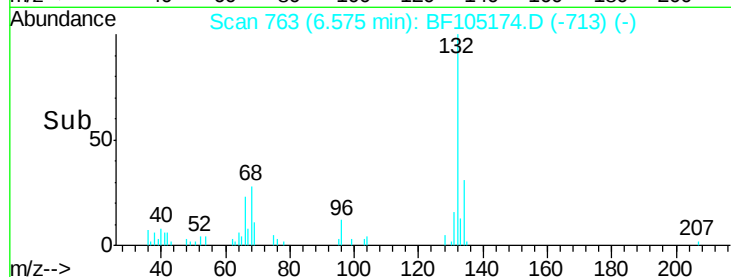
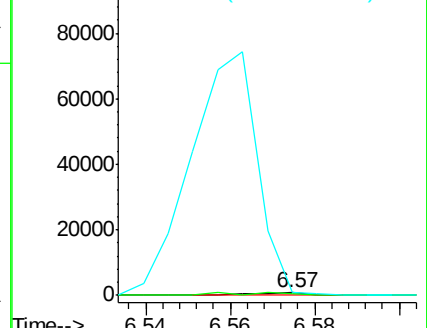
64 115.9 29.4 69.4#



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: 0.255 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.08 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

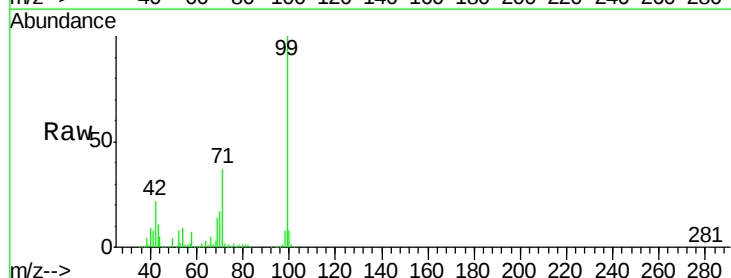
Tgt Ion: 77 Resp: 2868

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

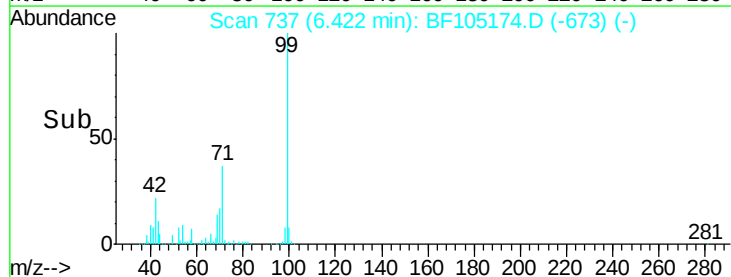
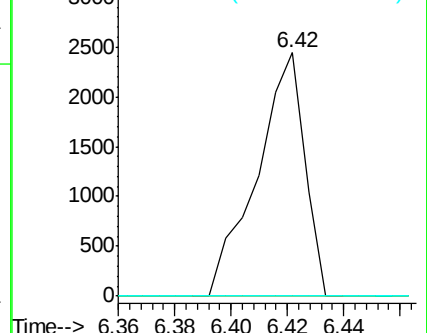
106 0.0 74.5 114.5#

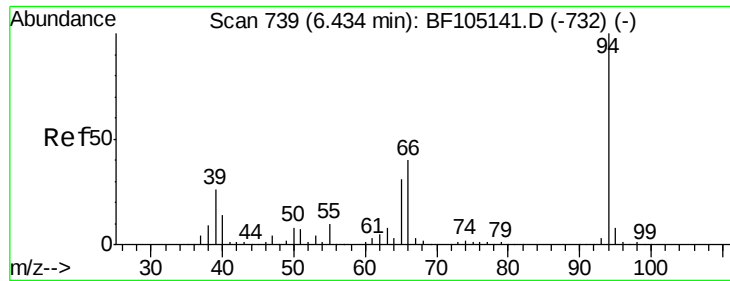


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

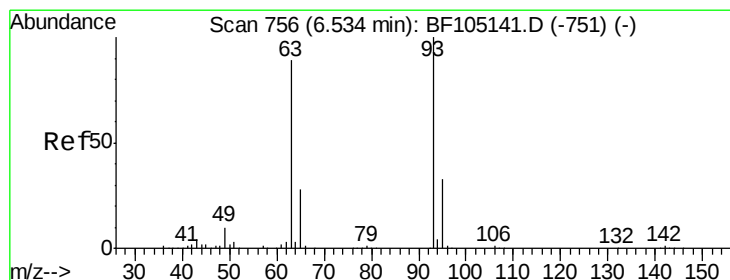
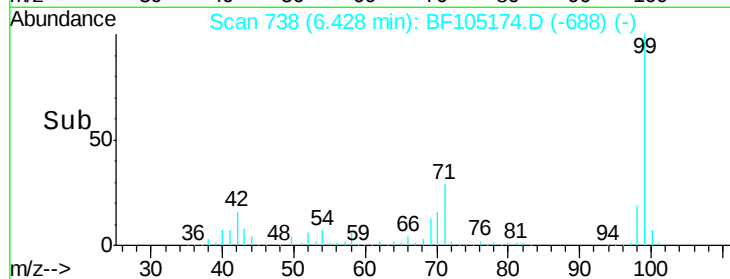
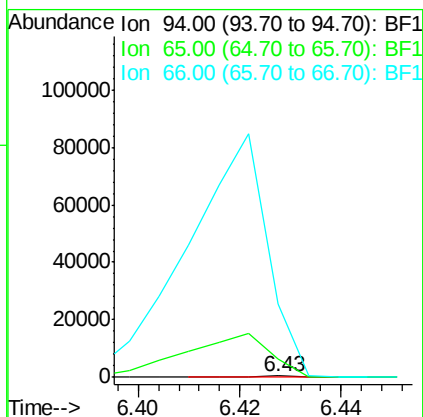
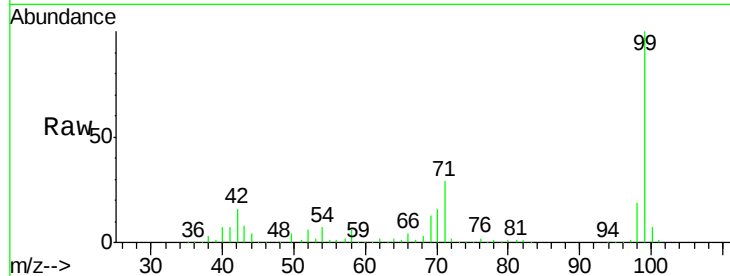




#10
Phenol
Concen: 0.016 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

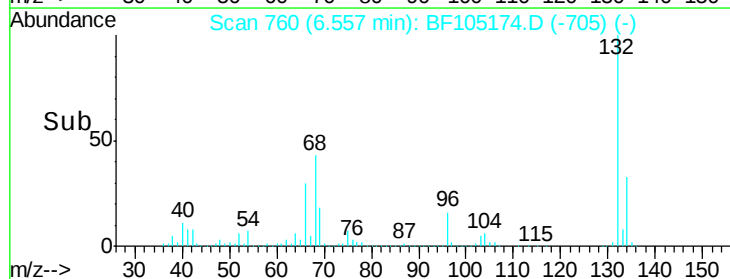
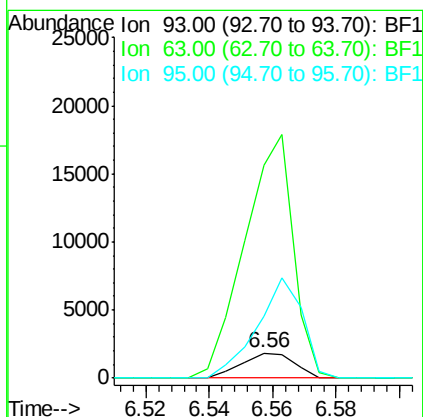
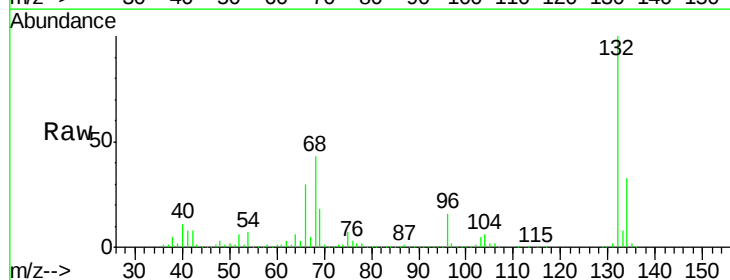
Instrument :
BNA_F
ClientSampled :

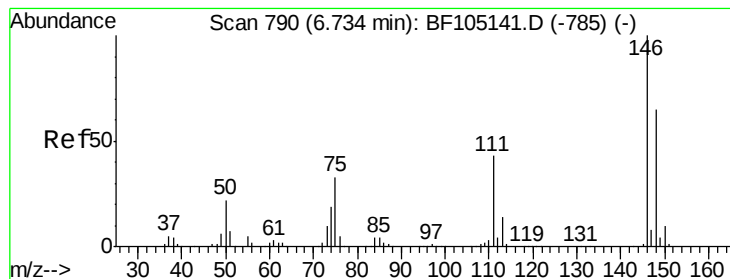
Tot Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
65 1497.8 7.9 47.9#
66 6195.2 16.2 56.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.159 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 93 Resp: 2141
Ion Ratio Lower Upper
93 100
63 855.7 58.6 98.6#
95 250.0 11.8 51.8#





#12

1,3-Dichlorobenzene

Concen: 0.018 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.22 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :

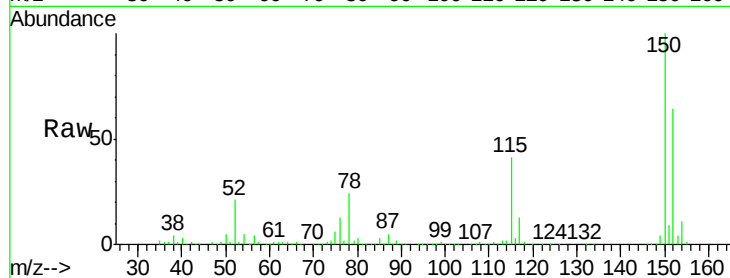
Tot Ion:146 Resp: 280

Ion Ratio Lower Upper

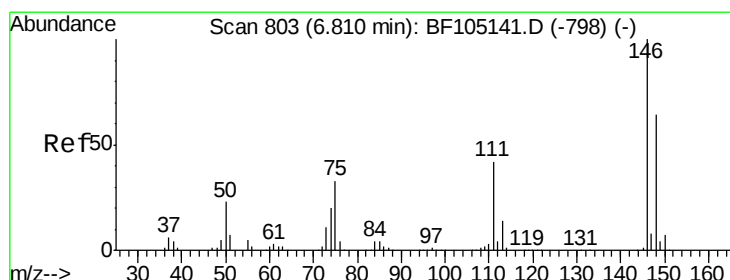
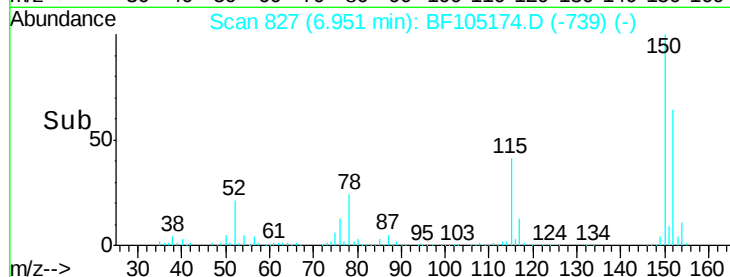
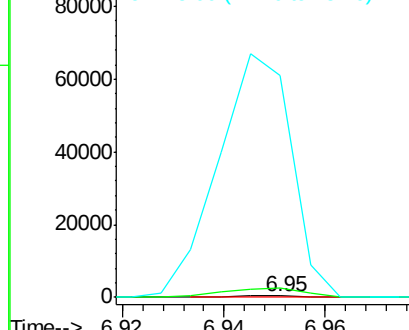
146 100

148 562.1 51.8 77.8#

75 13793.2 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 0.018 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.14 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

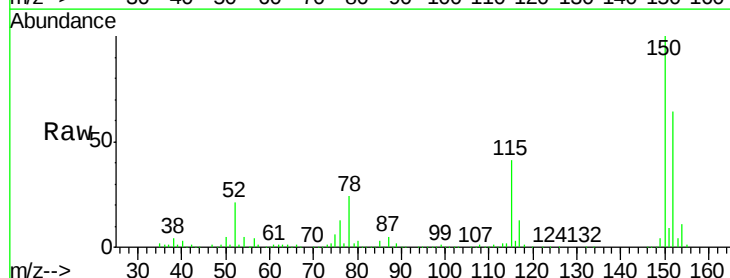
Tgt Ion:146 Resp: 280

Ion Ratio Lower Upper

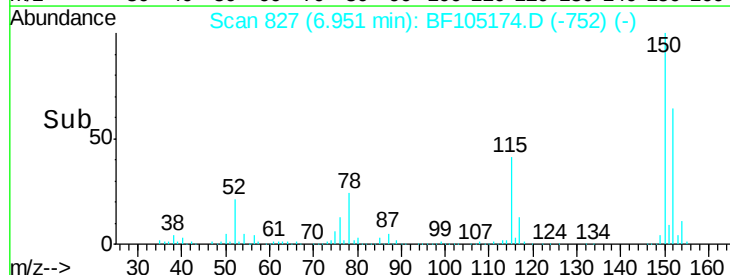
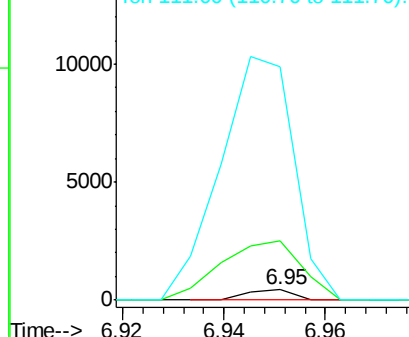
146 100

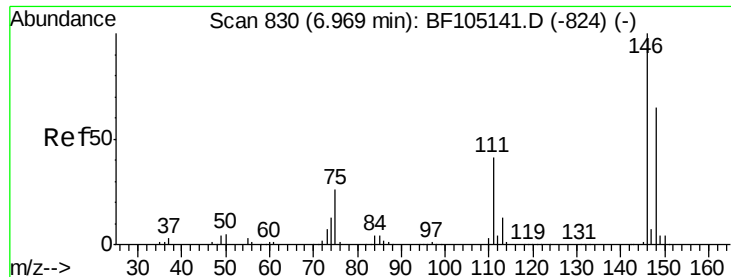
148 562.1 50.8 76.2#

111 2232.7 34.2 51.2#



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

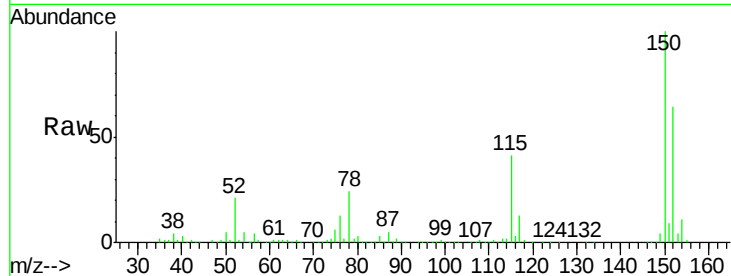




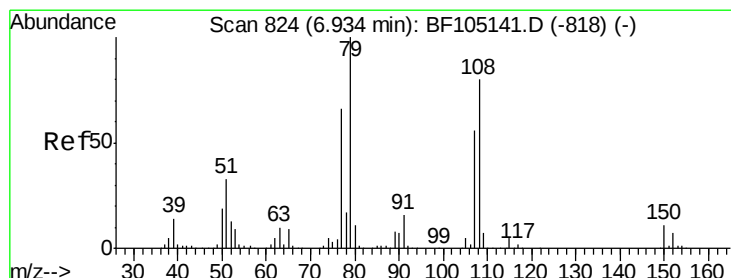
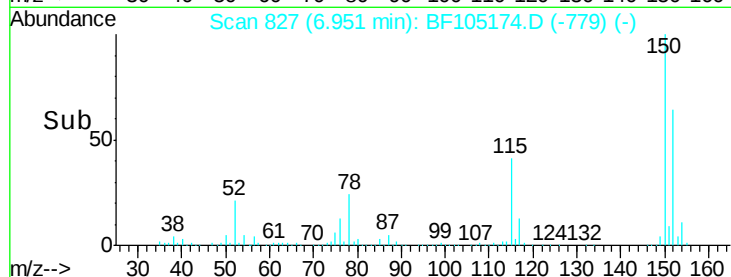
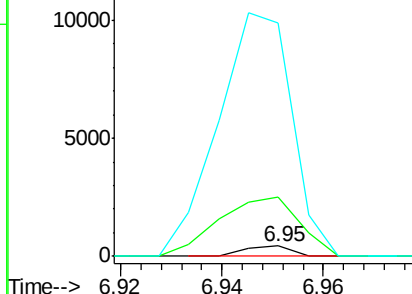
#14
 1,2-Dichlorobenzene
 Concen: 0.019 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 280
 Ion Ratio Lower Upper
 146 100
 148 562.1 50.6 75.8#
 111 2232.7 36.0 54.0#

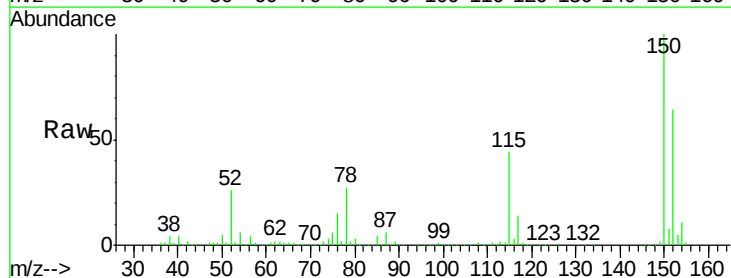


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

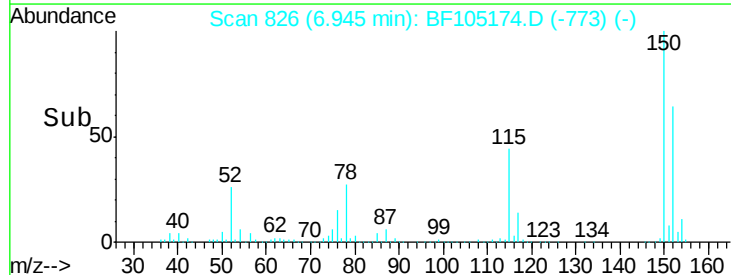
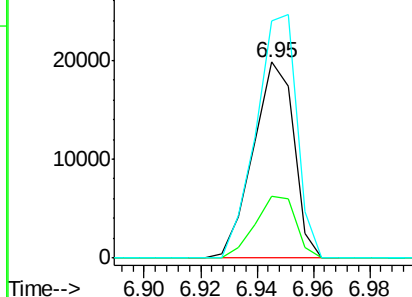


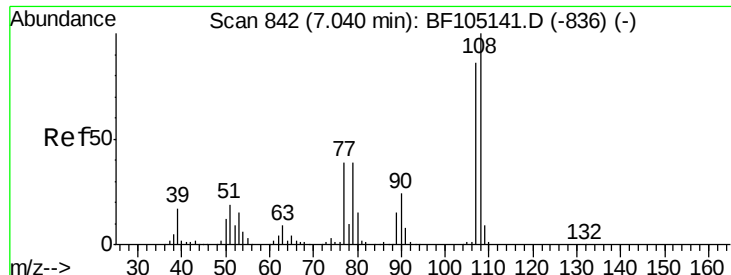
#15
 Benzyl Alcohol
 Concen: 1.766 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Tgt Ion: 79 Resp: 19798
 Ion Ratio Lower Upper
 79 100
 108 31.3 65.1 97.7#
 77 121.0 50.6 75.8#



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

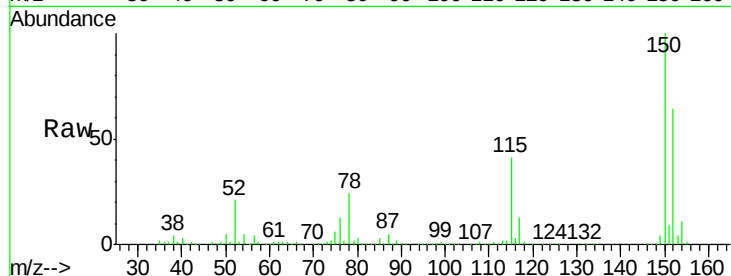




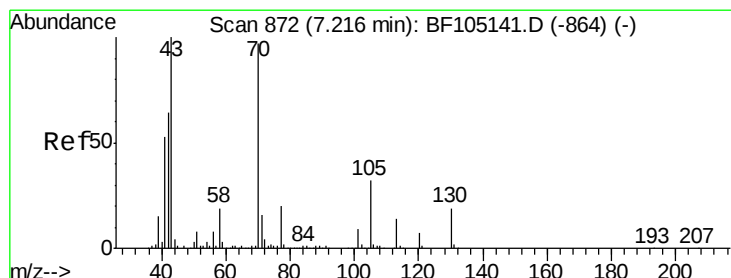
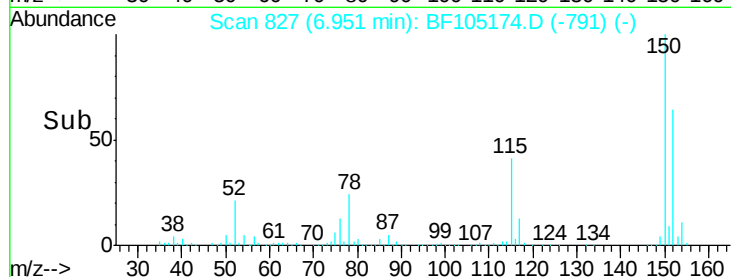
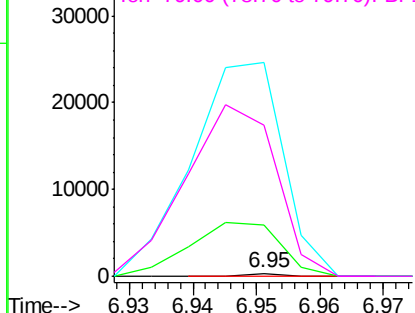
#17
2-Methylphenol
Concen: 0.010 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.09 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 115
Ion Ratio Lower Upper
107 100
108 1833.4 91.7 137.5#
77 7548.5 33.8 50.8#
79 5320.2 33.8 50.8#

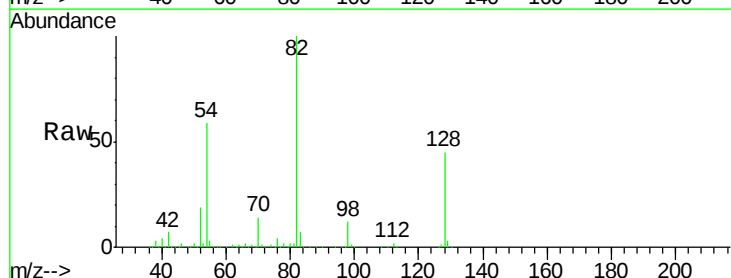


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

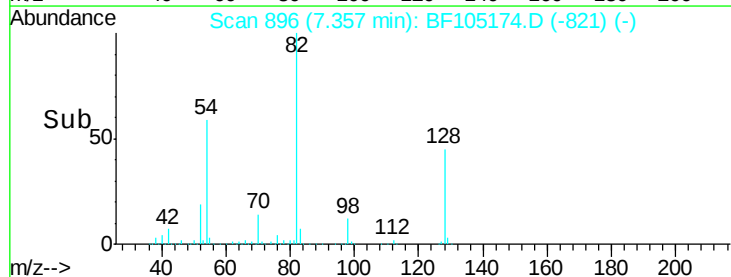
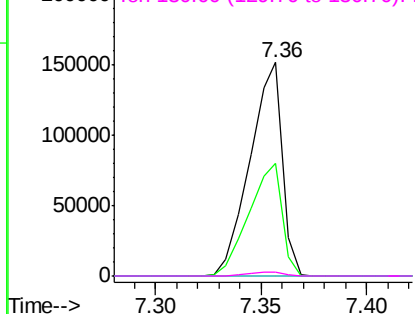


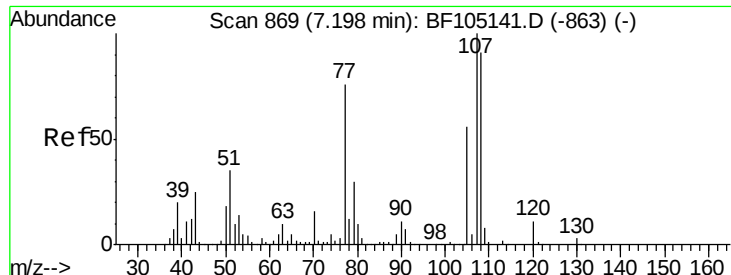
#19
n-Nitroso-di-n-propylamine
Concen: 16.630 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 70 Resp: 161306
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



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





#20

3+4-Methylphenols

Concen: 0.009 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.25 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 115

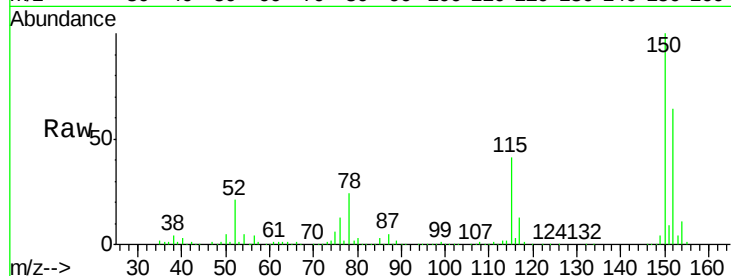
Ion Ratio Lower Upper

107 100

108 1833.4 68.2 108.2#

77 7548.5 26.7 66.7#

79 5320.2 6.3 46.3#

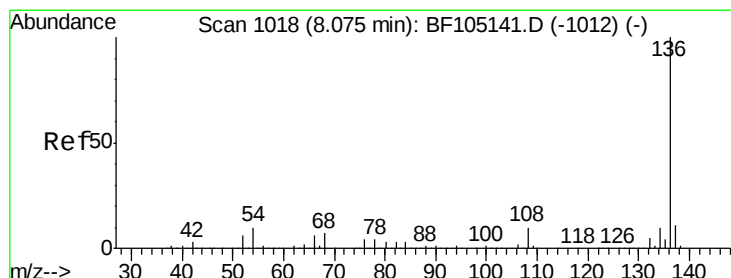
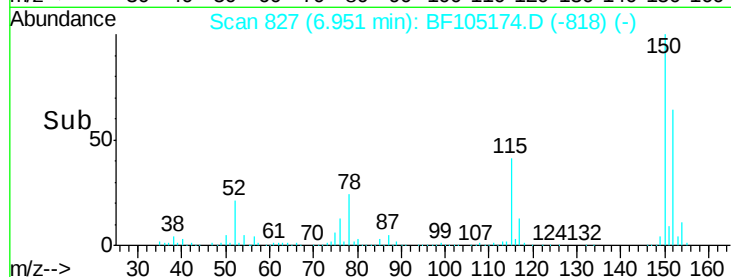
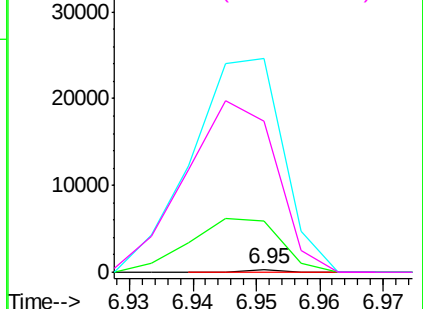


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Tgt Ion:136 Resp: 825947

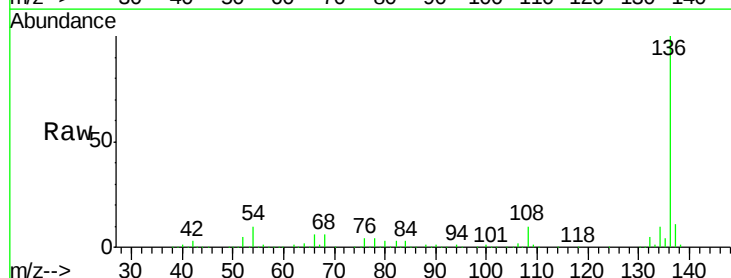
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.1 6.6 9.8#

68 6.3 5.0 7.4

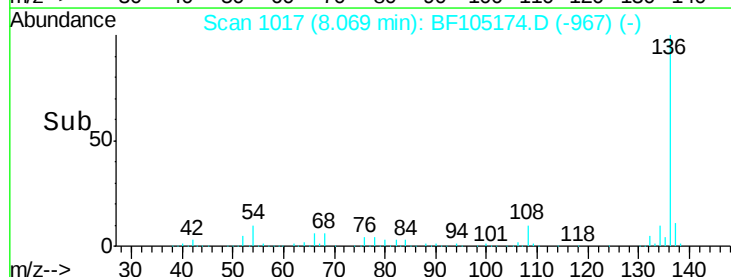
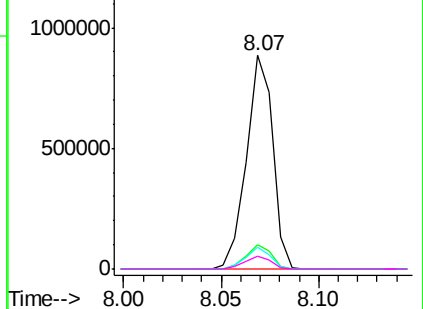


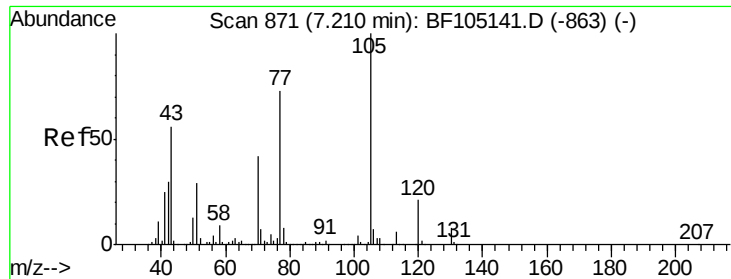
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.006 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.26 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 112

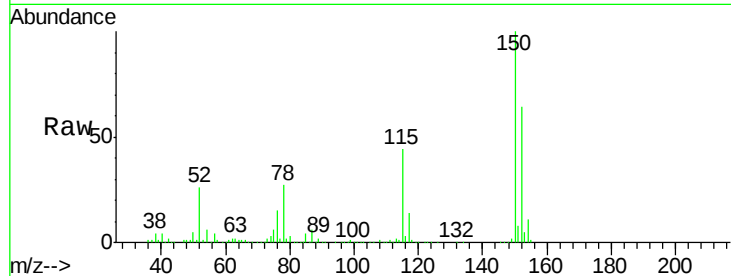
Ion Ratio Lower Upper

105 100

71 730.0 4.4 6.6#

51 3374.4 22.3 33.5#

120 311.0 16.9 25.3#

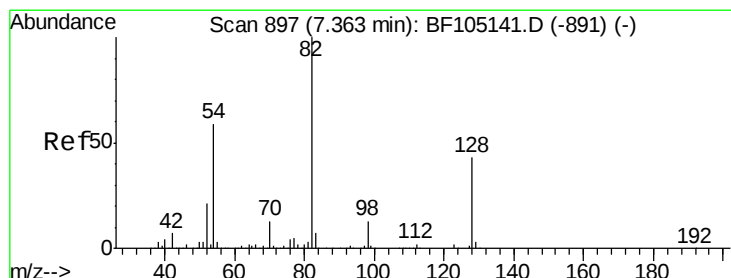
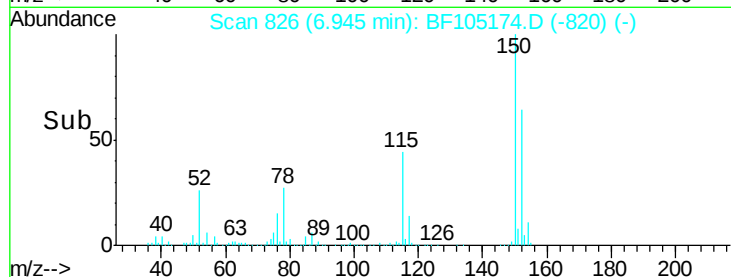
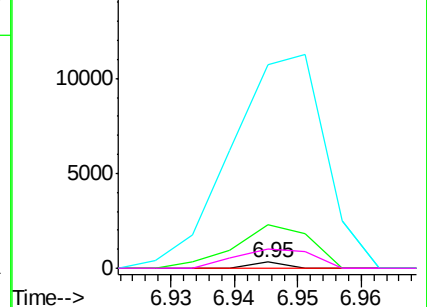


Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.965 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

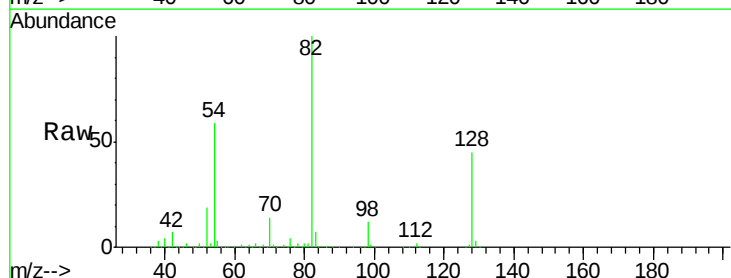
Tgt Ion: 82 Resp: 1181702

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

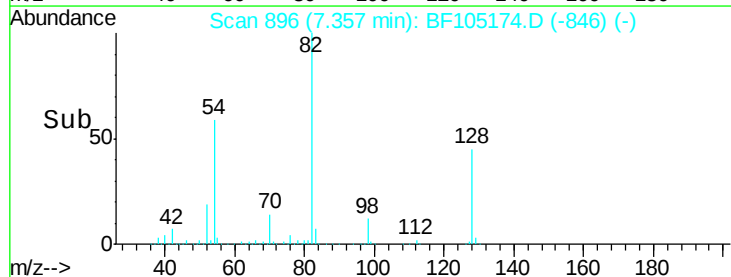
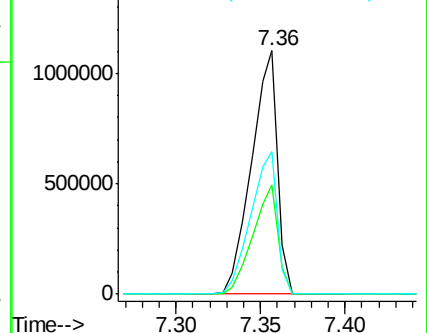
54 58.6 41.4 62.2

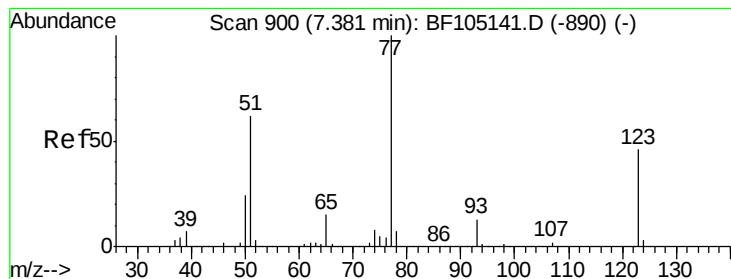


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.228 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.03 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :

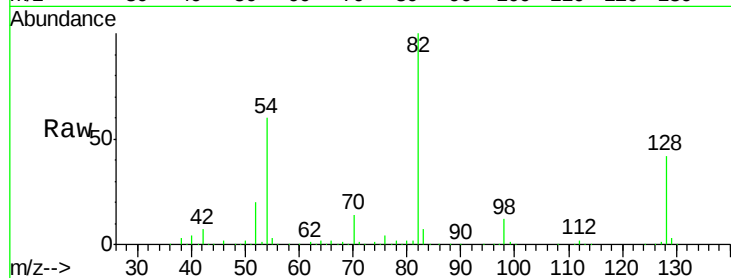
Tot Ion: 77 Resp: 3150

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

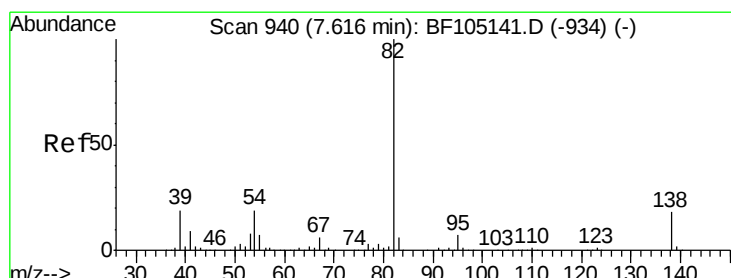
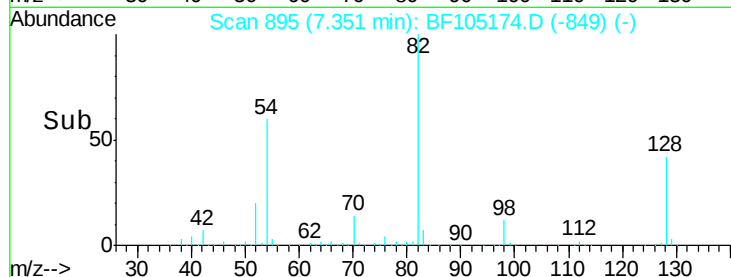
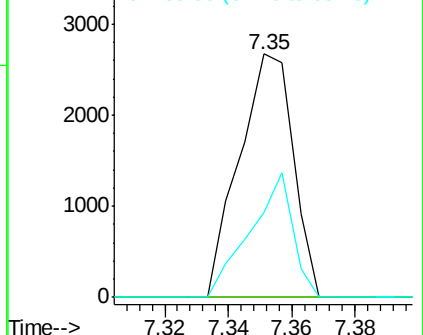
65 34.6 11.0 16.4#



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: 43.351 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

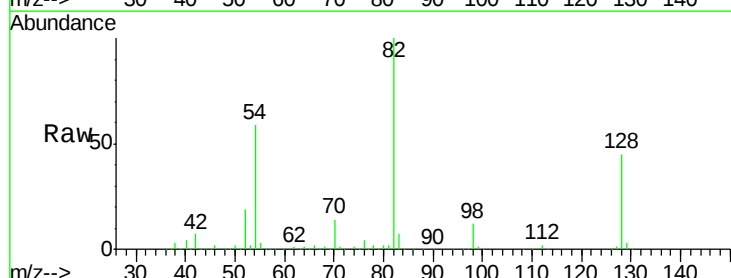
Tgt Ion: 82 Resp: 1181515

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

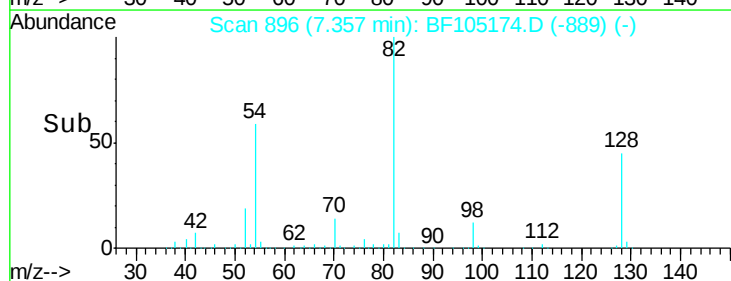
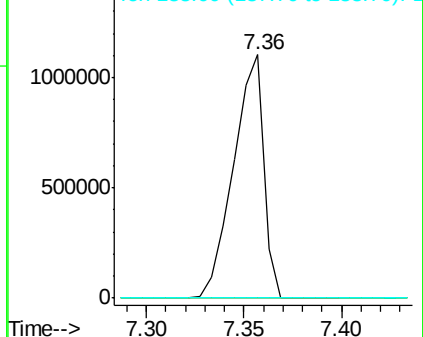
138 0.0 14.9 22.3#

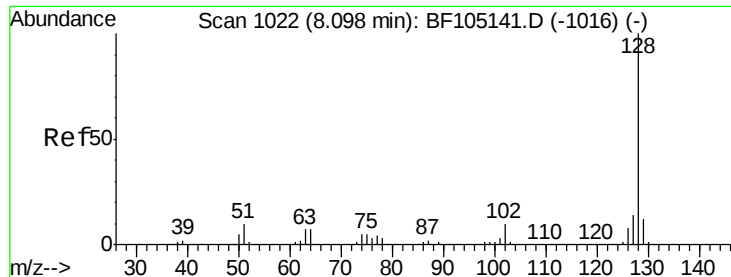


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 0.004 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :

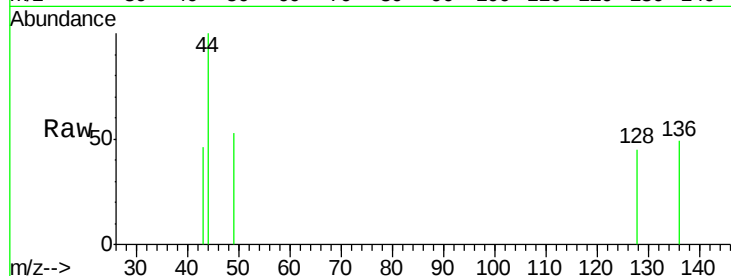
Tot Ion:128 Resp: 140

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

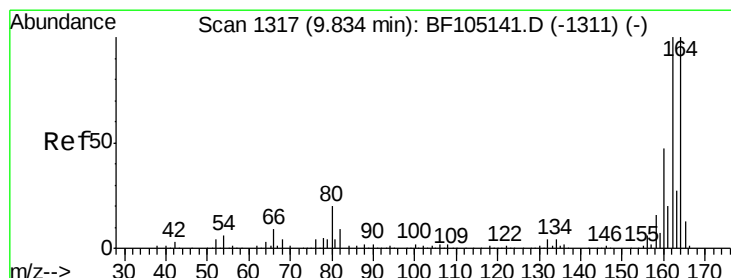
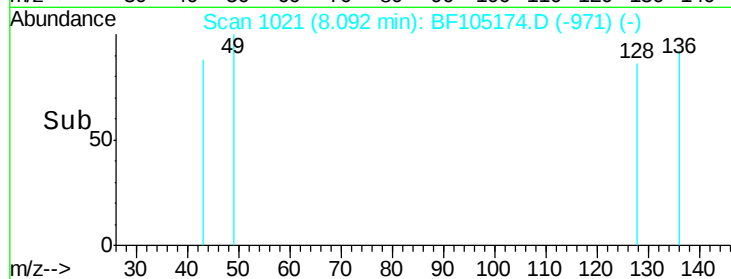
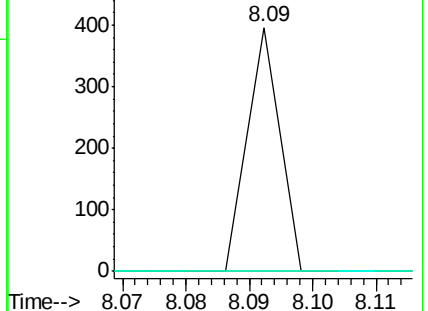
127 0.0 10.9 16.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

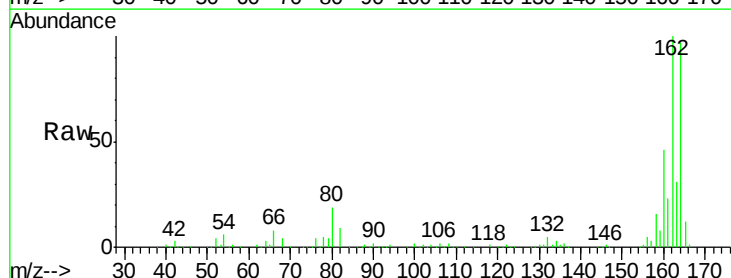
Tgt Ion:164 Resp: 398053

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

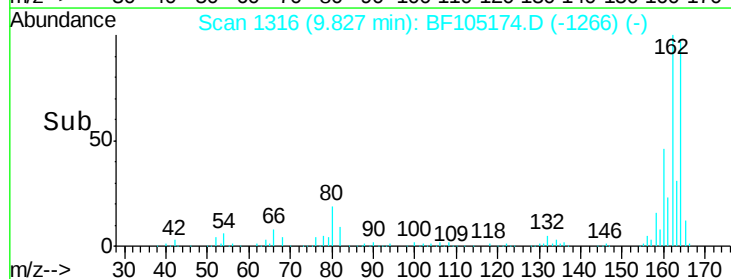
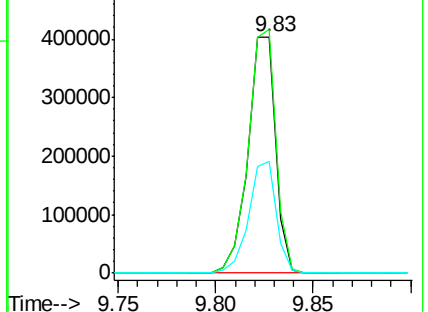
160 47.5 38.3 57.5

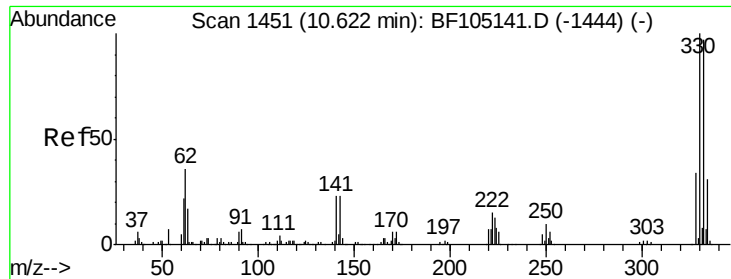


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

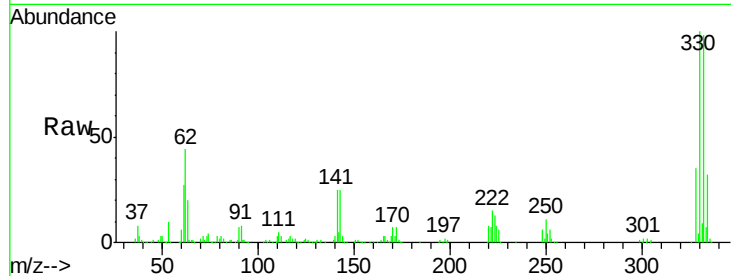




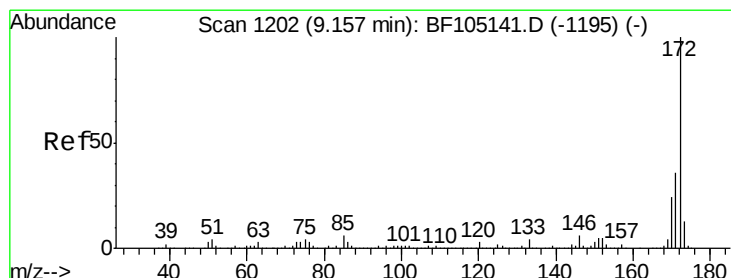
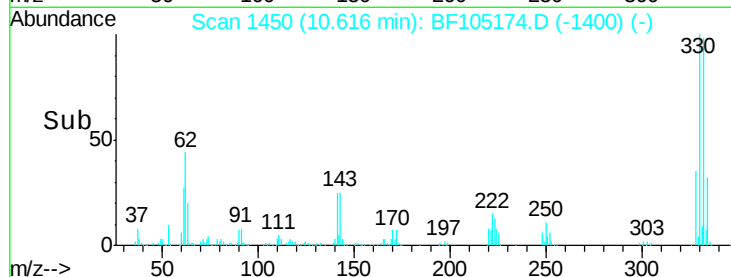
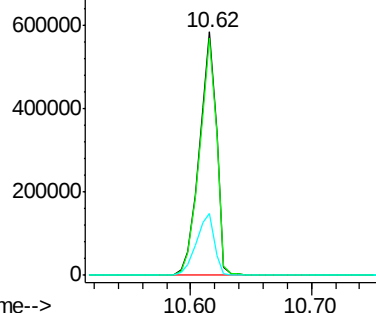
#41
 2,4,6-Tribromophenol
 Concen: 130.683 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.7	29.9	44.9

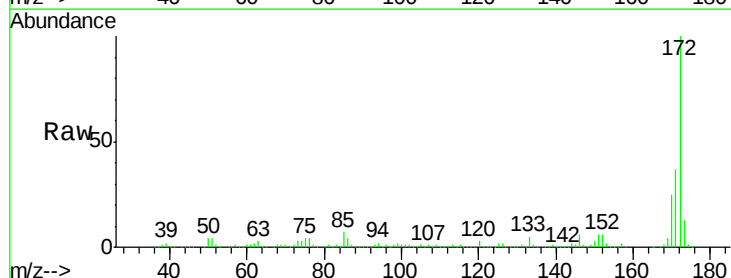


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

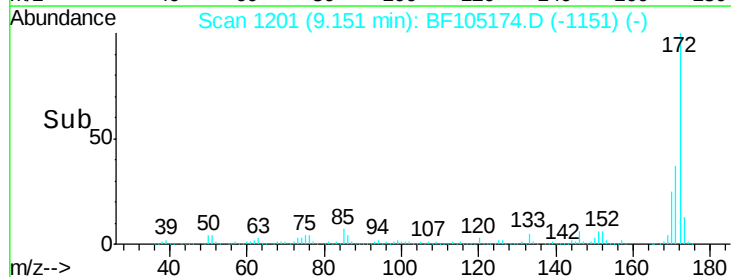
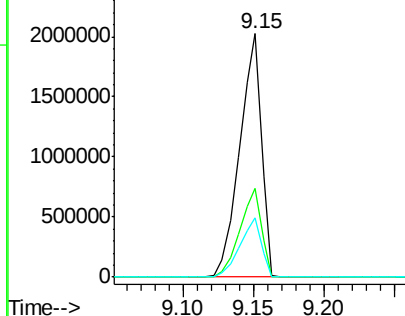


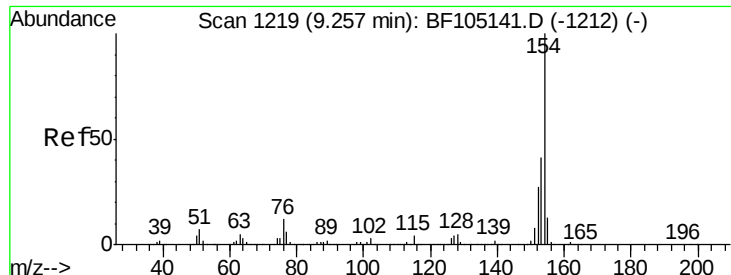
#44
 2-Fluorobiphenyl
 Concen: 84.160 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4



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

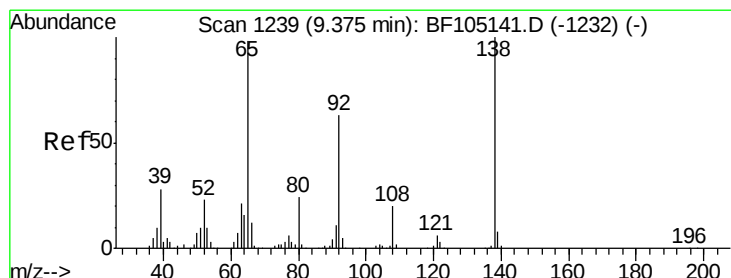
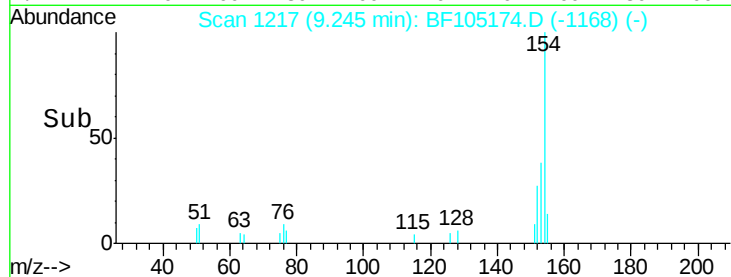
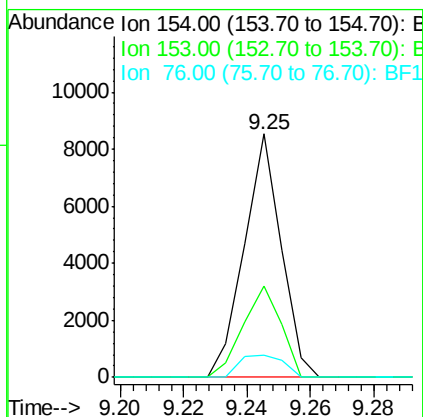
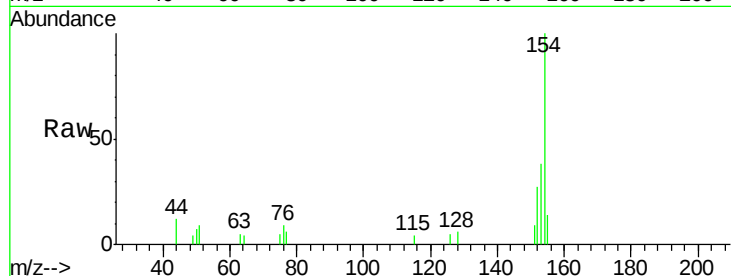




#45
 1,1'-Biphenyl
 Concen: 0.213 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

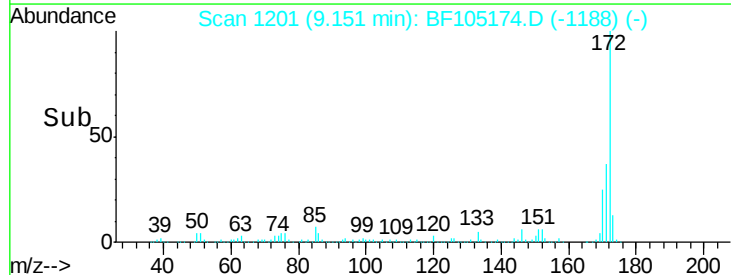
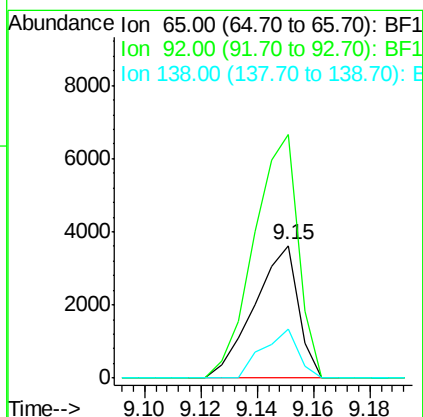
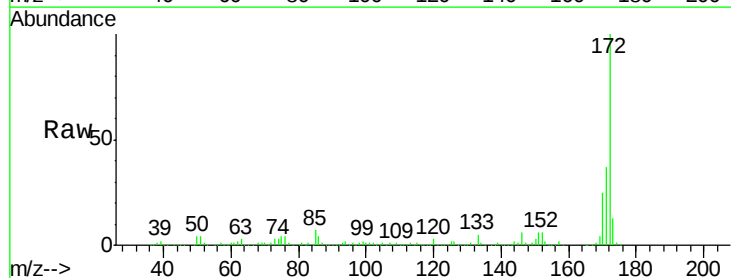
Instrument :
 BNA_F
 ClientSampleId :

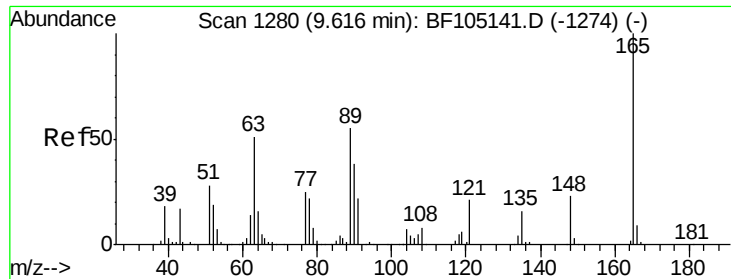
Tot Ion:	154	Resp:	6900
Ion	Ratio	Lower	Upper
154	100		
153	37.6	21.3	61.3
76	9.4	0.0	34.0



#47
 2-Nitroaniline
 Concen: 6.292 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.22 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Tgt Ion:	65	Resp:	3915
Ion	Ratio	Lower	Upper
65	100		
92	183.5	55.8	83.6#
138	36.8	91.2	136.8#

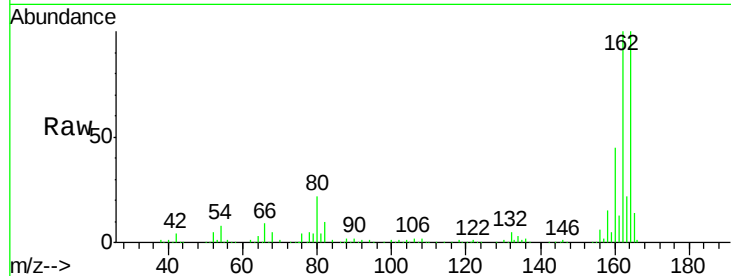




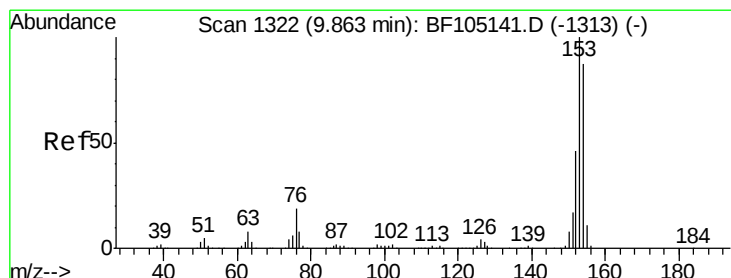
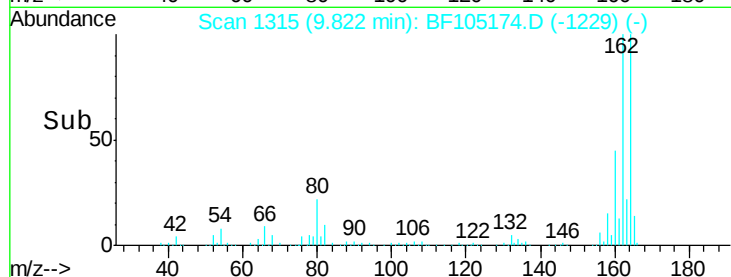
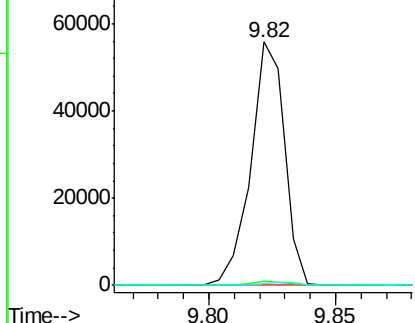
#50
 2,6-Dinitrotoluene
 Concen: 8.889 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.9	44.0	66.0#

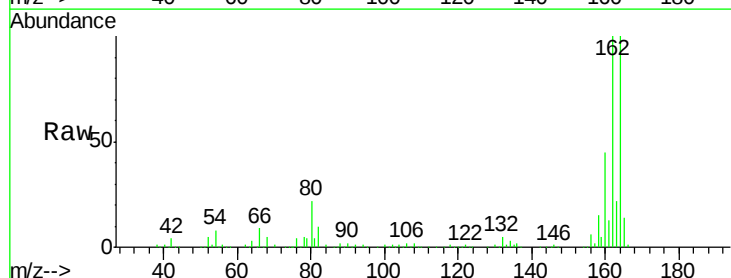


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

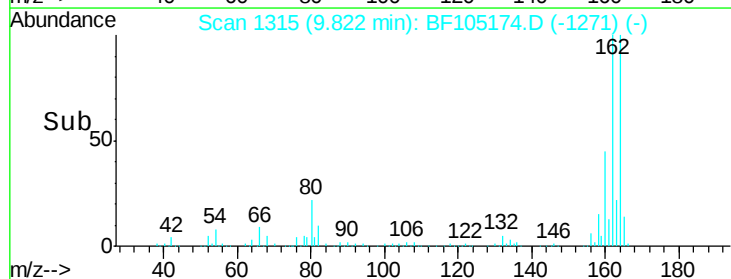
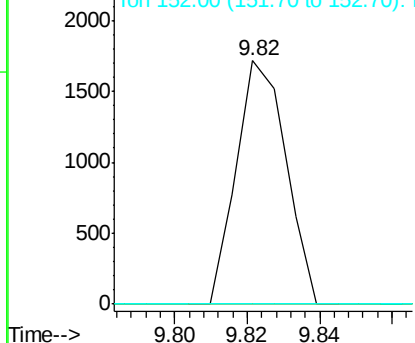


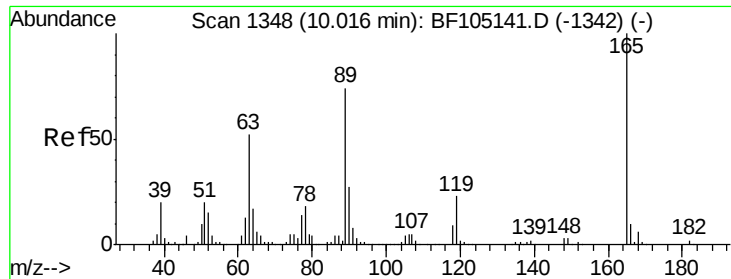
#51
 Acenaphthene
 Concen: 0.068 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.04 min
 Lab File: BF105174.D
 Acq: 9 May 2018 5:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.2	136.8#
152	0.0	43.8	65.8#



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

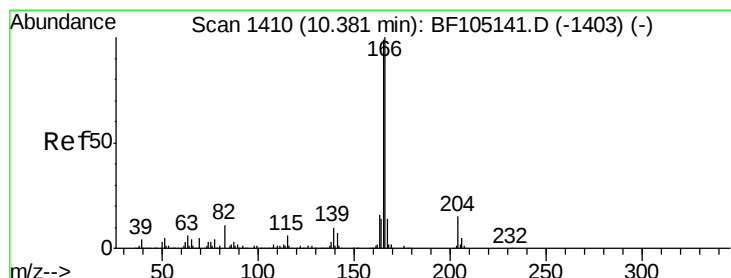
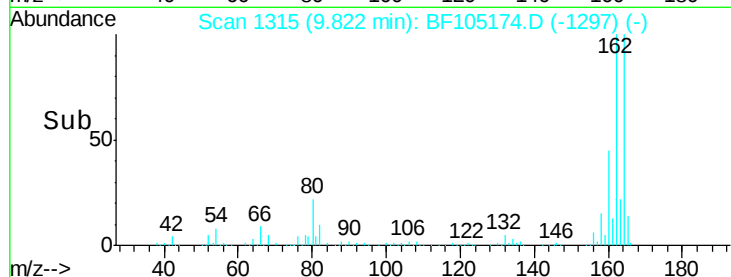
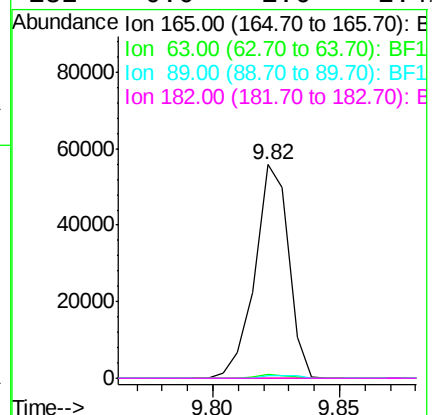
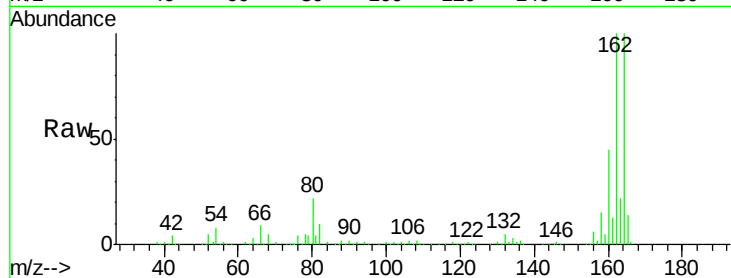




#56
2,4-Dinitrotoluene
Concen: 9.792 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

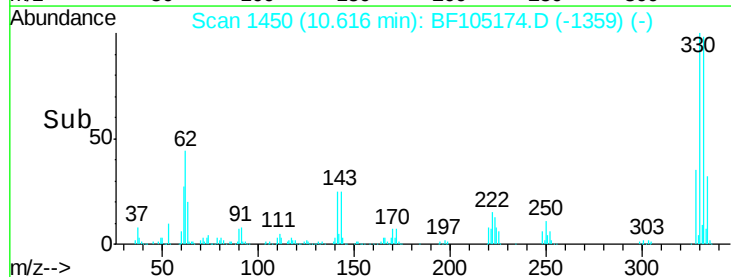
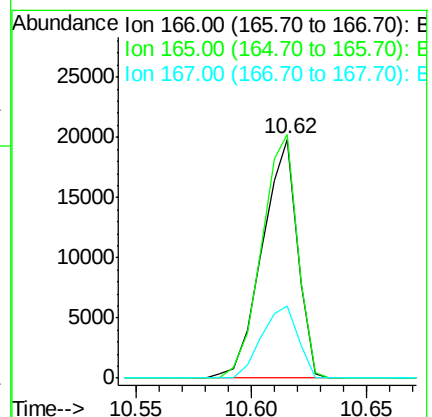
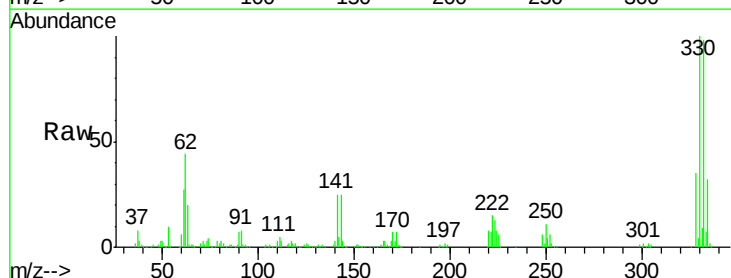
Instrument :
BNA_F
ClientSampleId :

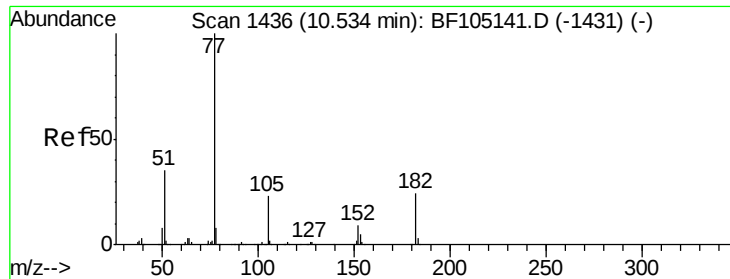
Tot Ion:165	Resp:	51978
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.4 54.6#
89	0.9	57.8 86.6#
182	0.0	1.6 2.4#



#57
Fluorene
Concen: 0.813 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.23 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:166	Resp:	21042
Ion Ratio	Lower	Upper
166	100	
165	102.1	79.8 119.8
167	30.3	10.6 16.0#

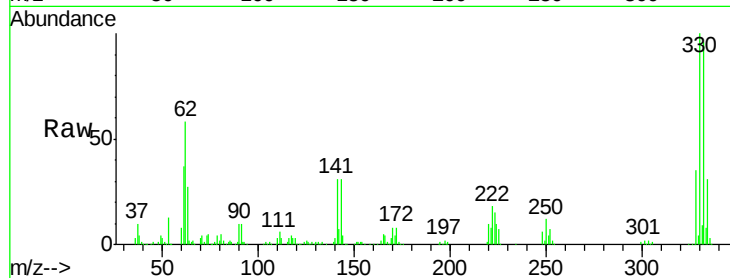




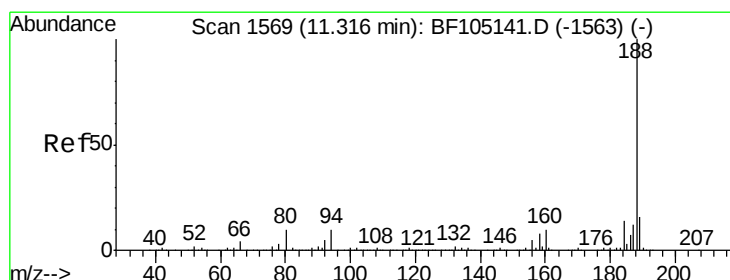
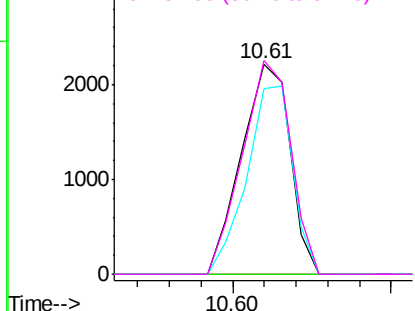
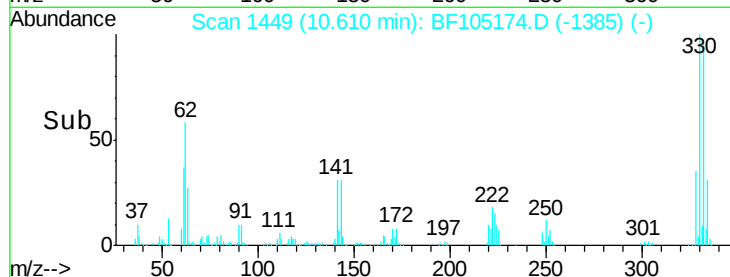
#62
Azobenzene
Concen: 0.085 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.08 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2348
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 88.3 3.0 43.0#
51 101.4 9.9 49.9#

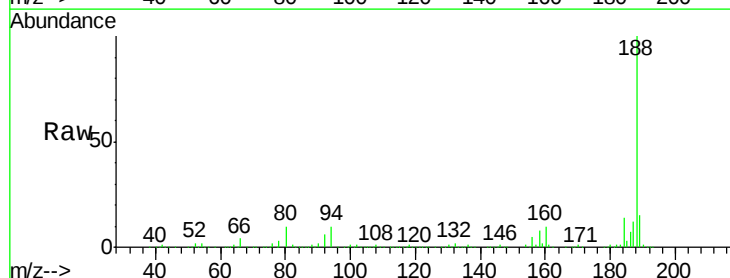


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

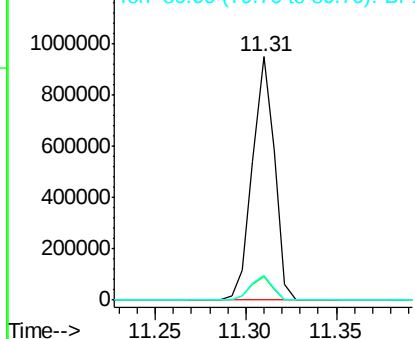
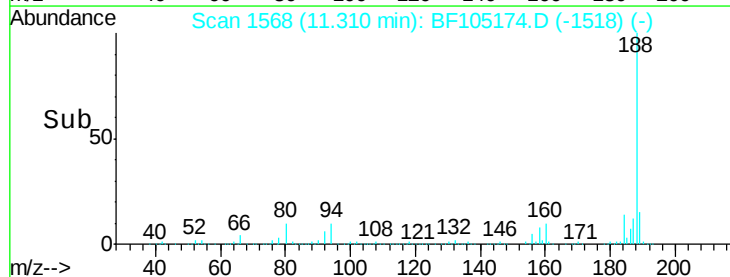


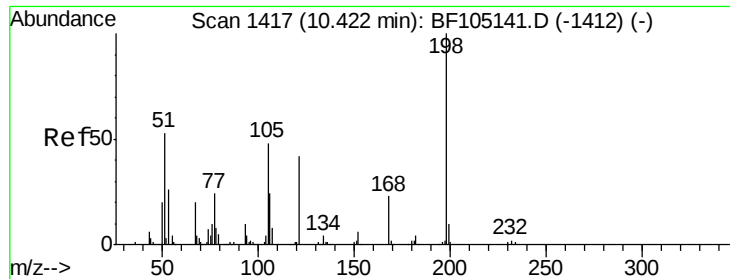
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion: 188 Resp: 804086
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 9.191 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.19 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampled :

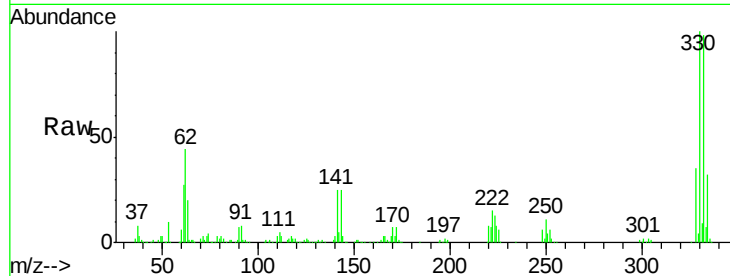
Tot Ion:198 Resp: 1223

Ion Ratio Lower Upper

198 100

51 168.7 37.7 77.7#

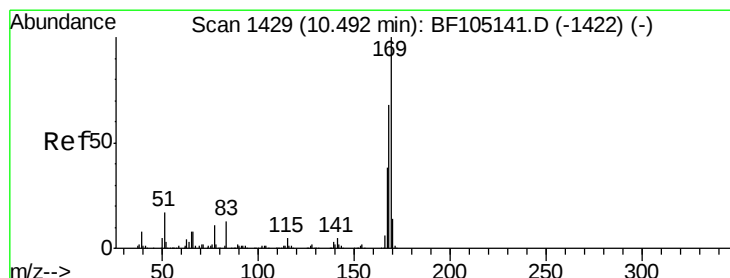
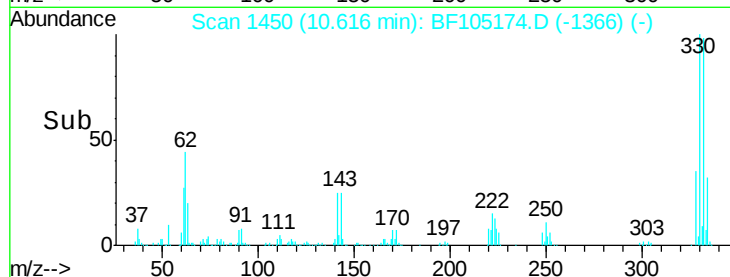
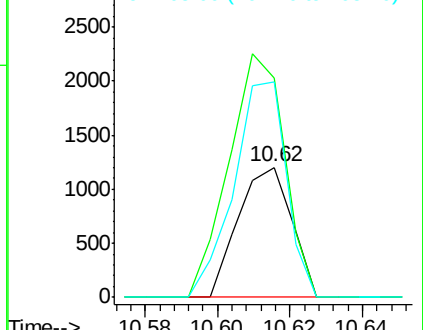
105 165.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.598 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.12 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

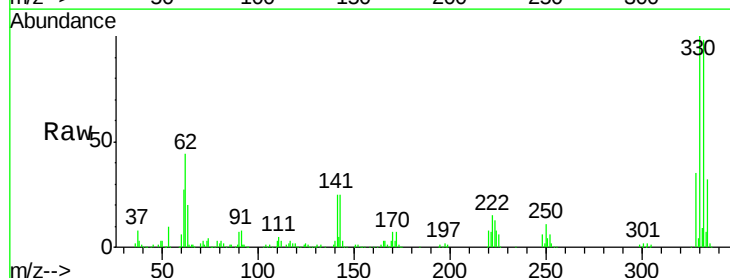
Tgt Ion:169 Resp: 14985

Ion Ratio Lower Upper

169 100

168 8.1 54.4 81.6#

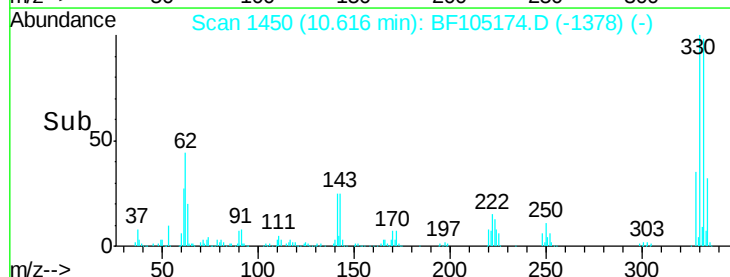
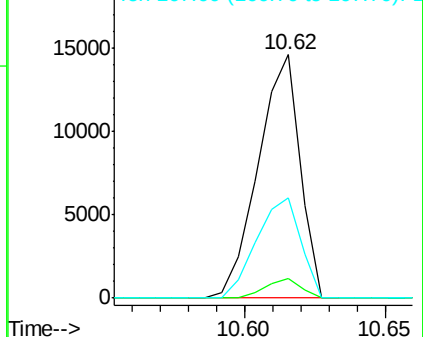
167 41.1 29.8 44.6

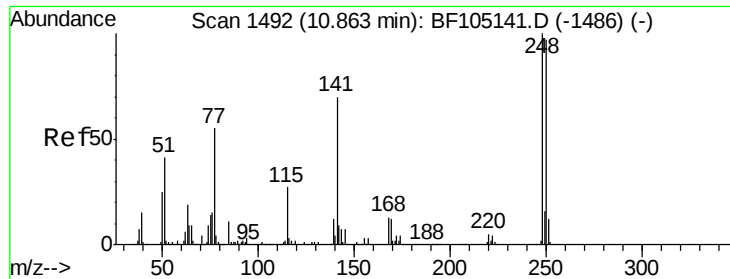


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

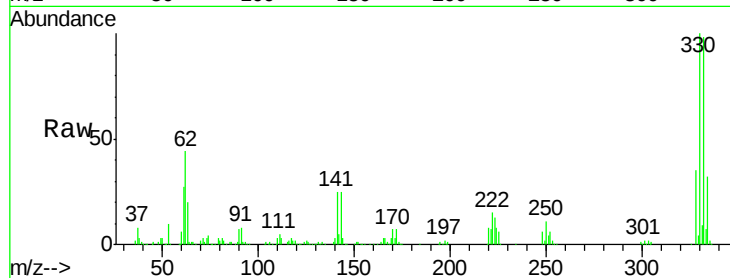




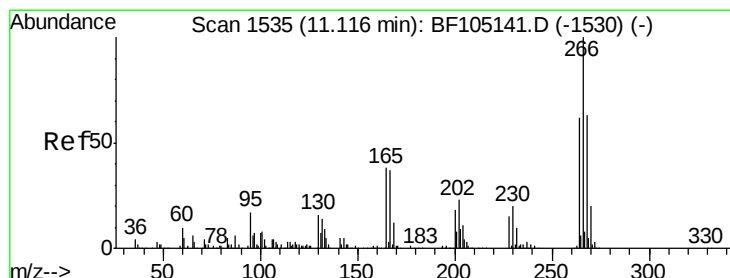
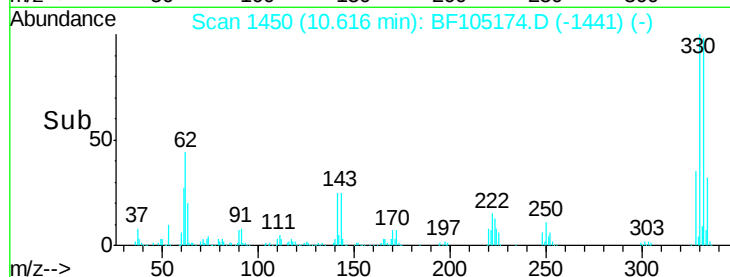
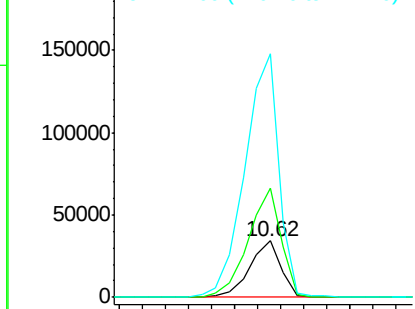
#66
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 32892
Ion Ratio Lower Upper
248 100
250 193.0 76.9 115.3#
141 429.8 74.4 111.6#

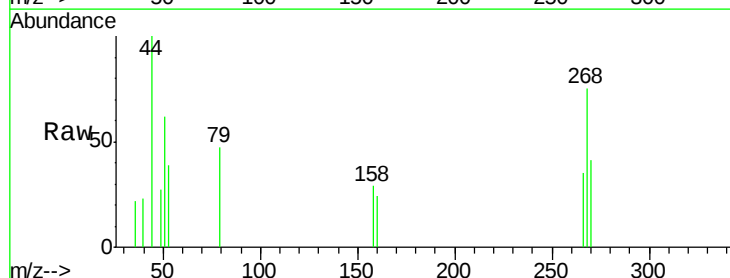


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

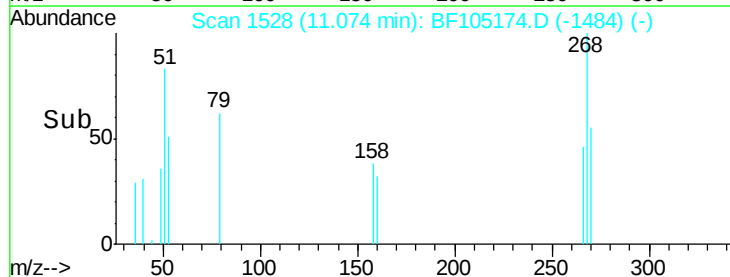
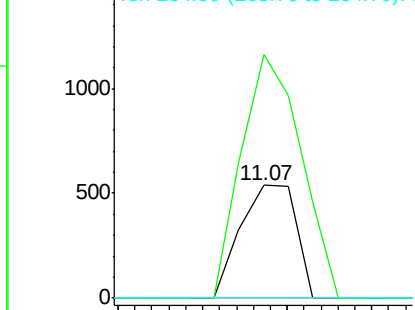


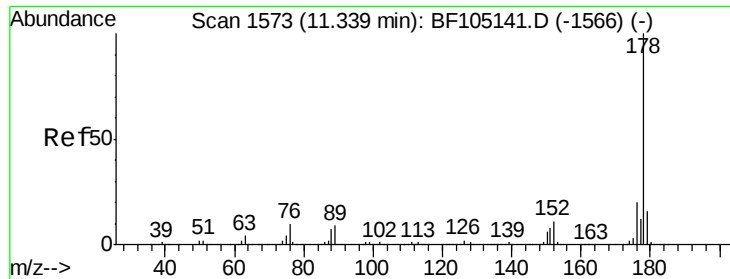
#69
Pentachlorophenol
Concen: 3.307 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.04 min
Lab File: BF105174.D
Acq: 9 May 2018 5:10

Tgt Ion:266 Resp: 493
Ion Ratio Lower Upper
266 100
268 215.6 51.1 76.7#
264 0.0 49.5 74.3#



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





#70

Phenanthrene

Concen: 0.007 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampled :

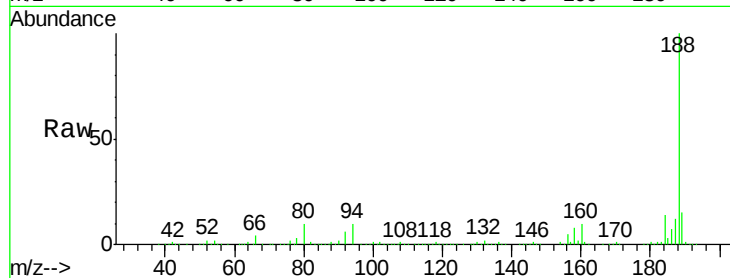
Tot Ion:178 Resp: 312

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

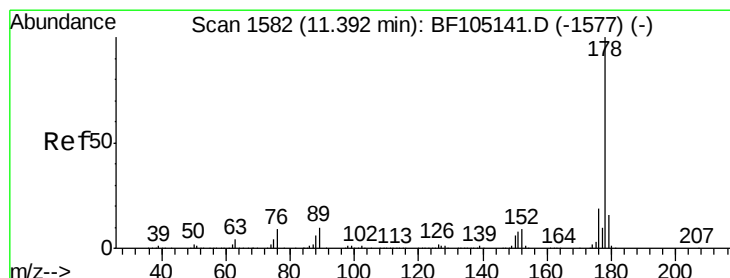
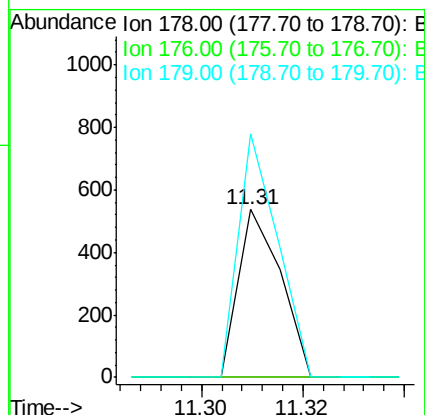
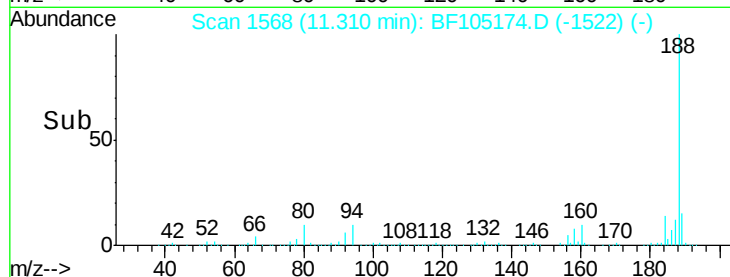
179 144.8 13.0 19.6#



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



#71

Anthracene

Concen: 0.007 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.08 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

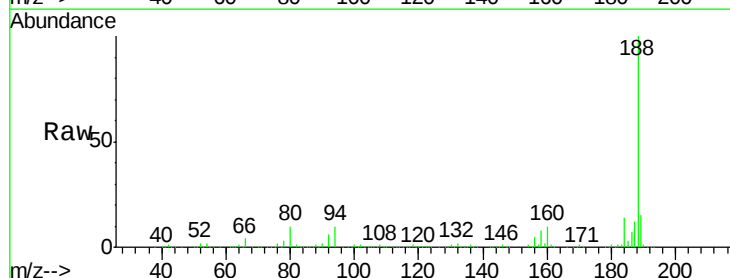
Tgt Ion:178 Resp: 312

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

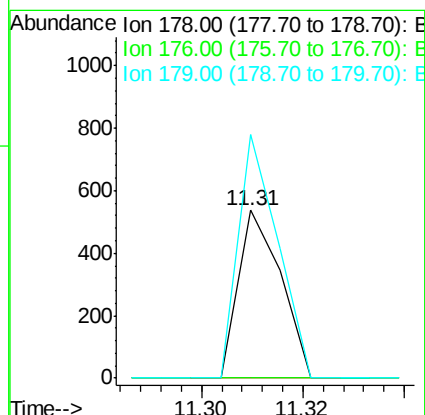
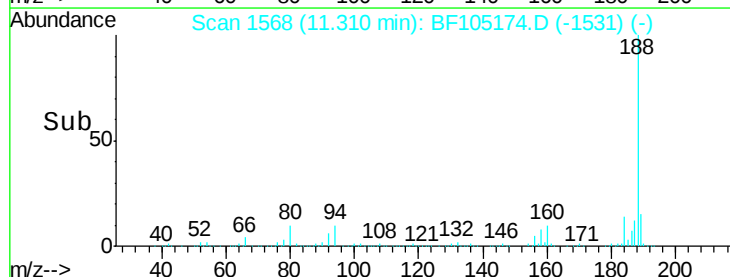
179 144.8 12.6 19.0#

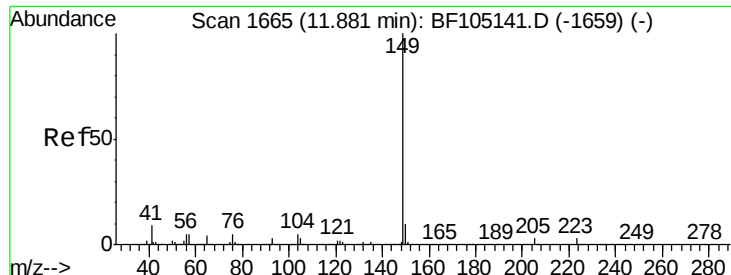


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.005 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105174.D

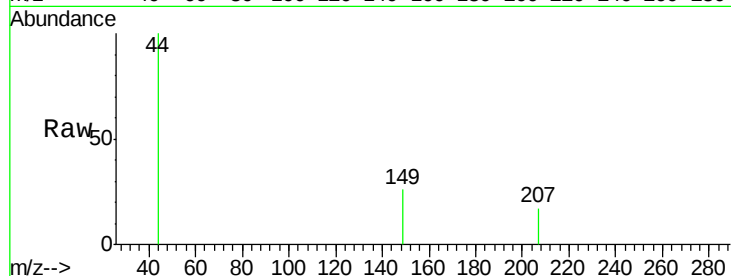
Acq: 9 May 2018 5:10

Instrument :

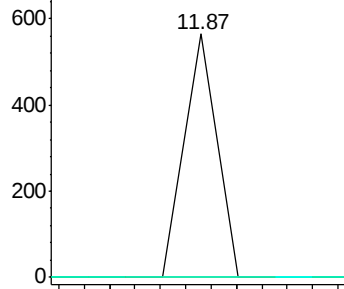
BNA_F

ClientSampleId :

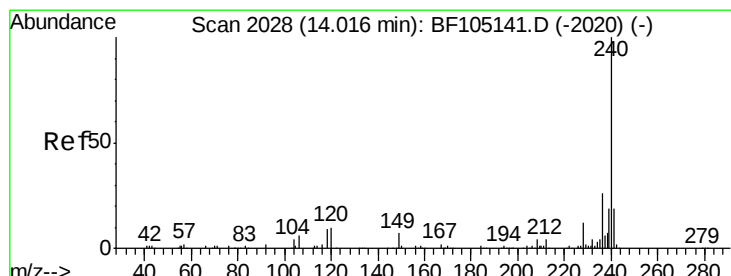
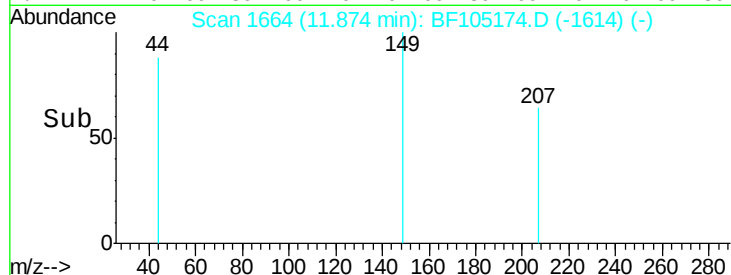
Tot Ion:149	Resp:	199
Ion Ratio	Lower	Upper
149	100	
150	0.0	7.8 11.6#
104	0.0	3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

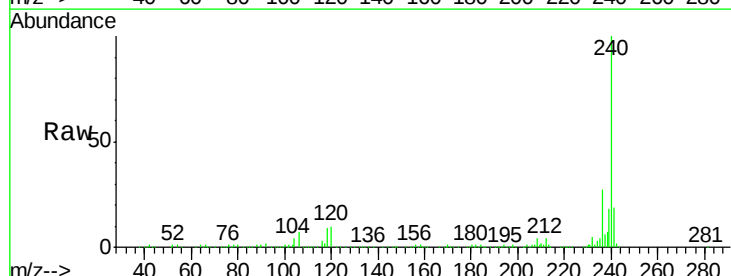
RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

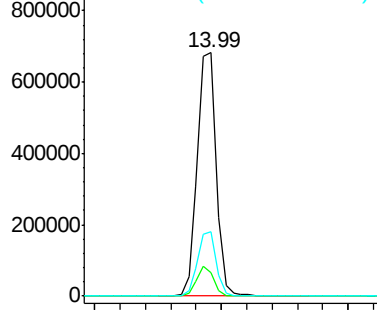
Lab File: BF105174.D

Acq: 9 May 2018 5:10

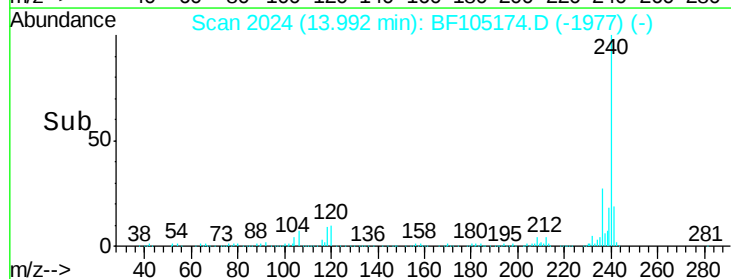
Tgt Ion:240	Resp:	706044
Ion Ratio	Lower	Upper
240	100	
120	9.9	9.5 14.3
236	26.6	20.7 31.1

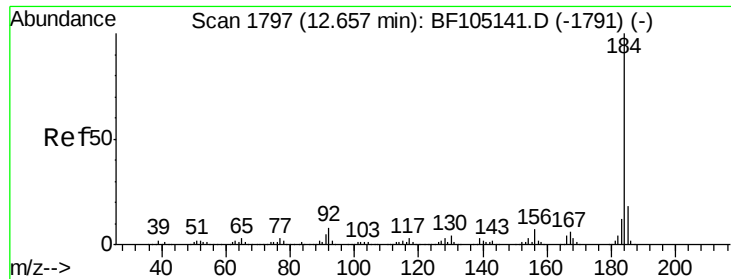


Abundance Ion 240.00 (239.70 to 240.70): E



Time-->





#76

Benzidine

Concen: 0.037 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :

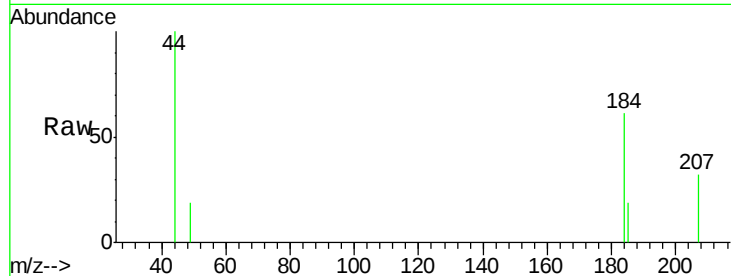
Tot Ion:184 Resp: 978

Ion Ratio Lower Upper

184 100

185 31.3 12.6 18.8#

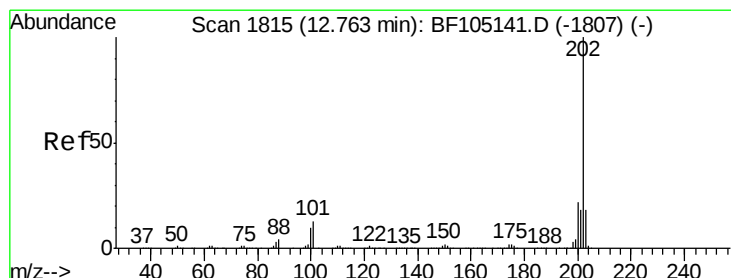
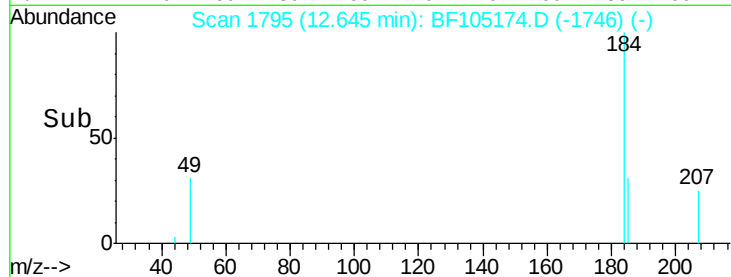
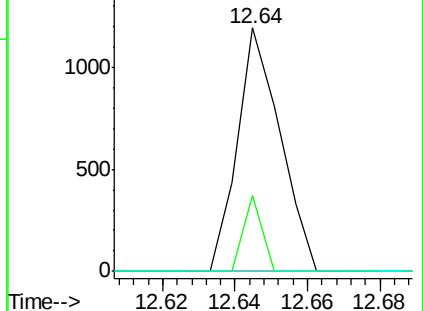
183 0.0 9.3 13.9#



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



#77

Pyrene

Concen: 0.158 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.15 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

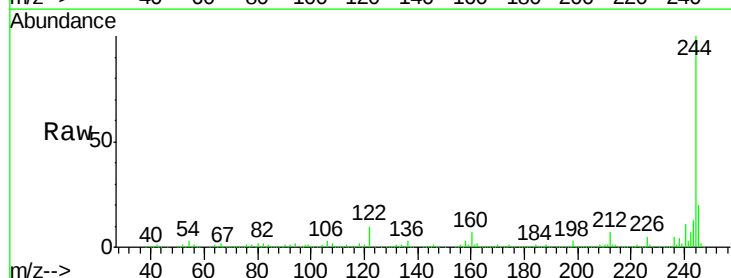
Tgt Ion:202 Resp: 8131

Ion Ratio Lower Upper

202 100

200 45.4 17.4 26.2#

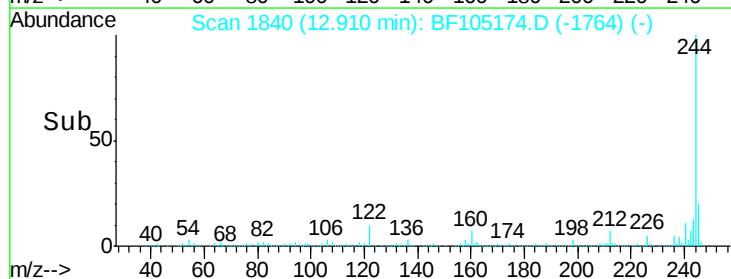
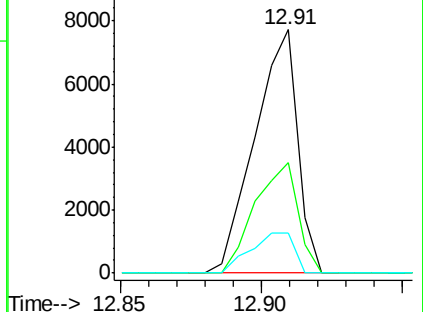
203 16.7 14.3 21.5

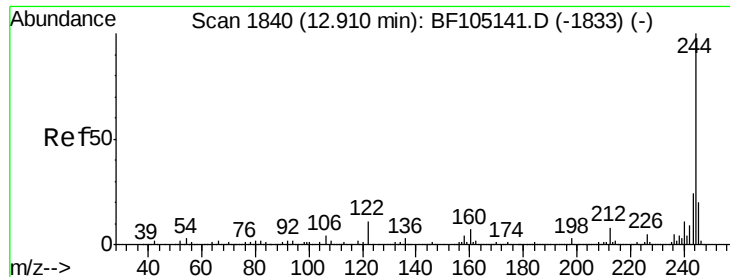


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 79.511 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampled :

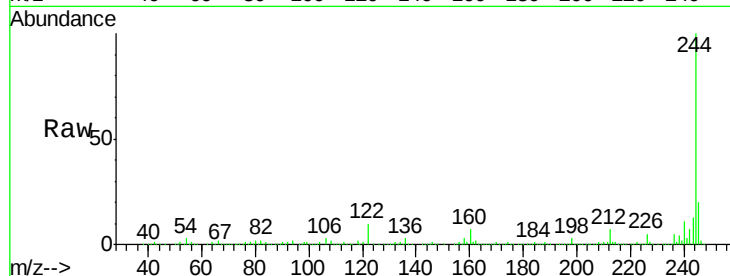
Tot Ion:244 Resp: 2416770

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

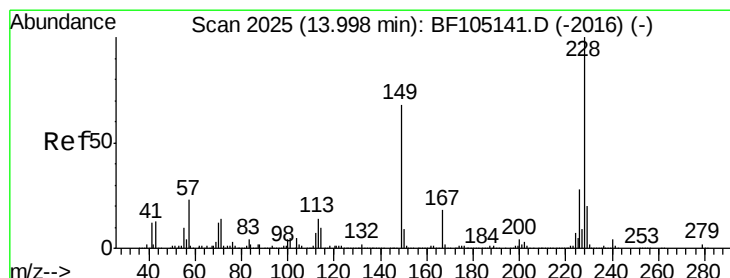
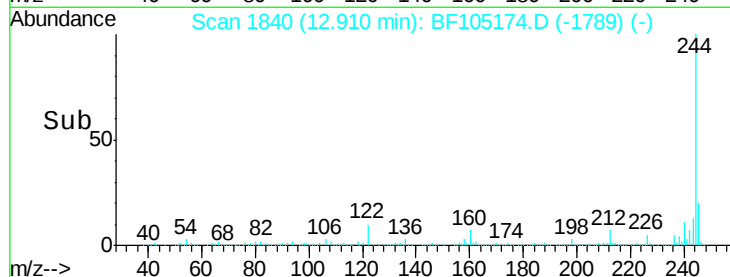
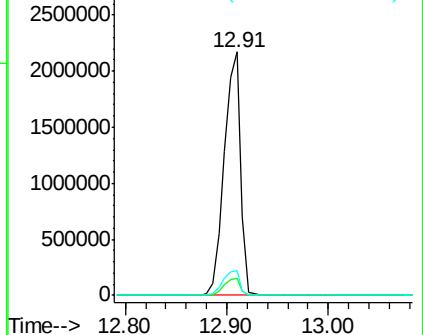
122 10.0 11.0 16.4#



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

Benzo(a)anthracene

Concen: 0.043 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

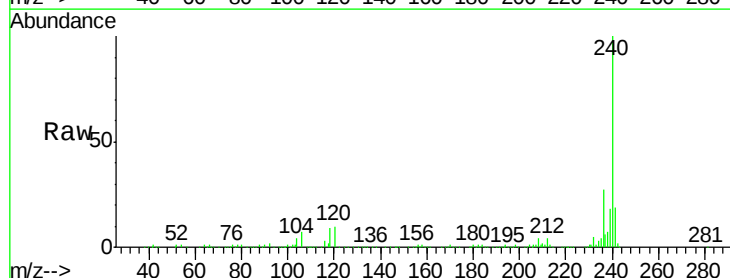
Tgt Ion:228 Resp: 1839

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

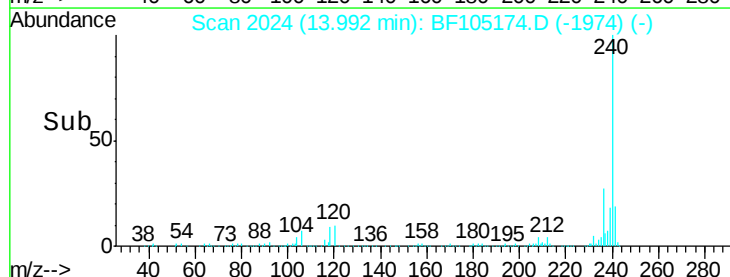
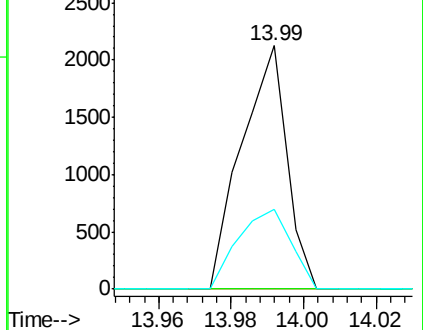
229 32.6 15.8 23.6#

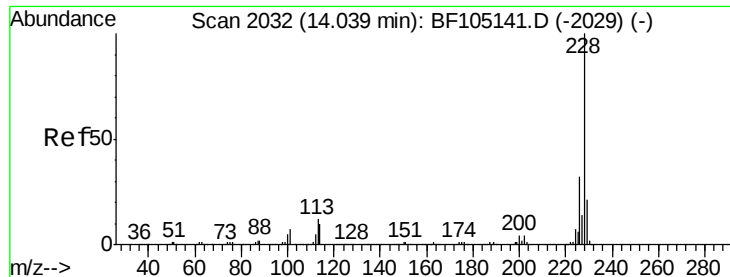


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.042 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.05 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :

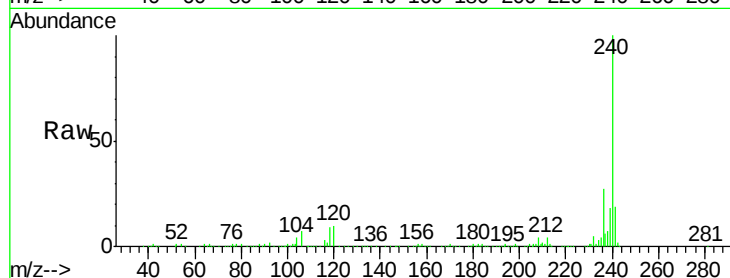
Tot Ion:228 Resp: 1839

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

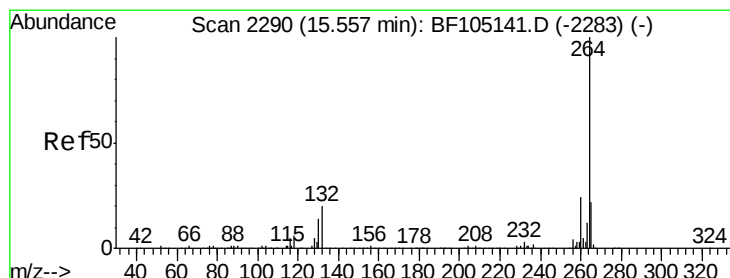
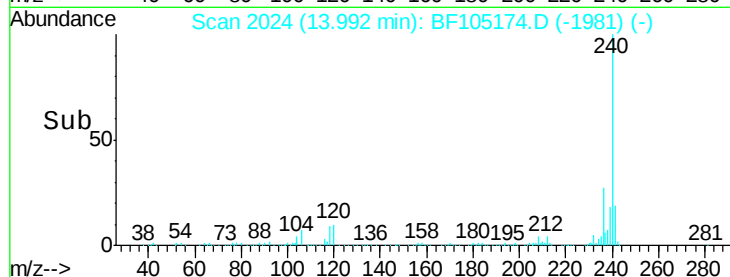
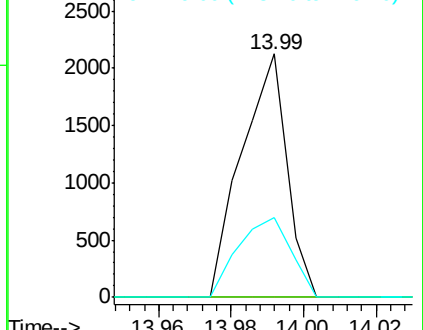
229 32.6 16.2 24.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.04 min

Lab File: BF105174.D

Acq: 9 May 2018 5:10

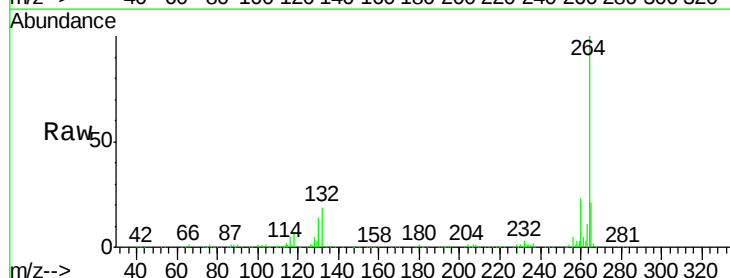
Tgt Ion:264 Resp: 619120

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

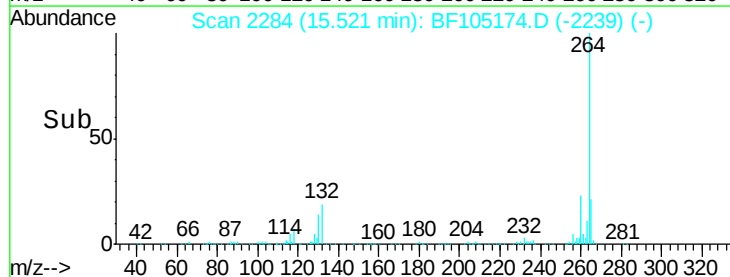
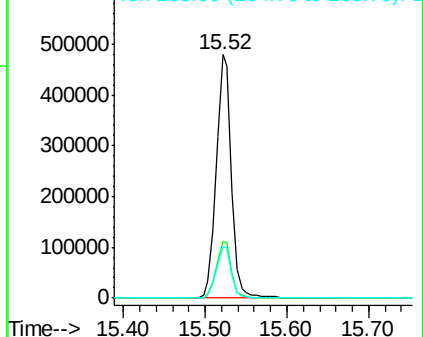
265 21.1 17.5 26.3

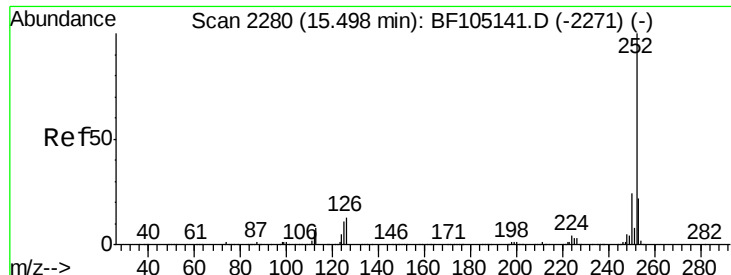


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.058 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.02 min

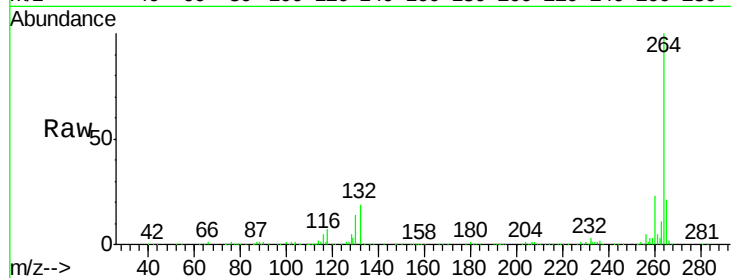
Lab File: BF105174.D

Acq: 9 May 2018 5:10

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	1990
Ion	Ratio	Lower	Upper
252	100		
253	46.5	17.1	25.7#
125	0.0	9.8	14.6#

