

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098502.D
 Acq On : 13 Sep 2017 21:10
 Operator : SJ/JU
 Sample : I5182-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 05:10:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	173254	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	709028	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	303943	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	466521	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	309932	20.00	ng	0.00
86) Perylene-d12	15.21	264	316539	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1027243	87.66	ng	-0.01
7) Phenol-d6	6.31	99	1307814	87.90	ng	-0.01
23) Nitrobenzene-d5	7.22	82	820991	64.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	196587	96.91	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1233363	68.78	ng	-0.02
78) Terphenyl-d14	12.76	244	764342	53.23	ng	-0.01

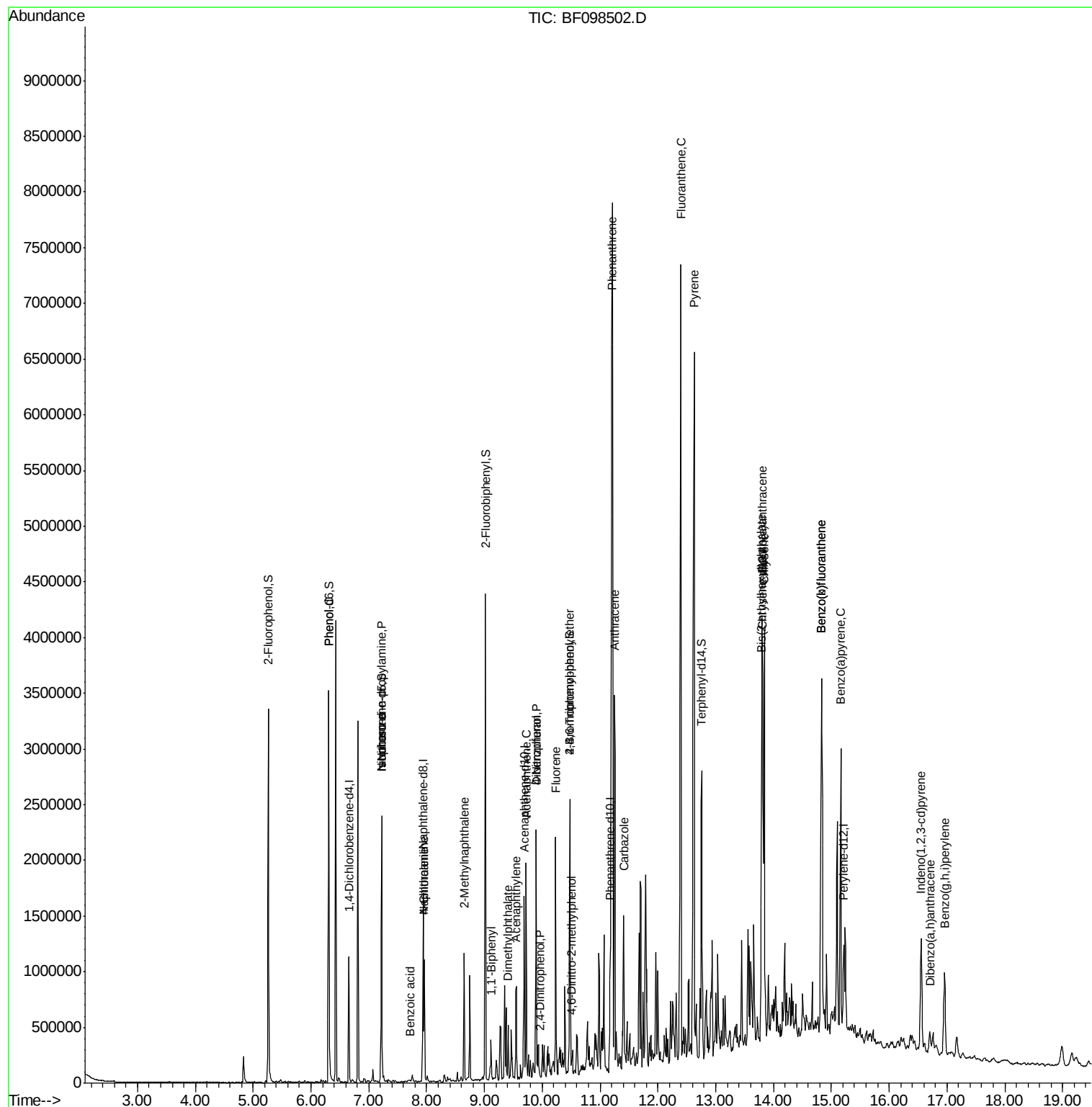
Target Compounds				Qvalue		
10) Phenol	6.32	94	50071	2.897	ng	83
19) n-Nitroso-di-n-propylamine	7.22	70	109003	11.648	ng	# 81
25) Isophorone	7.22	82	808751	31.430	ng	# 67
31) Naphthalene	7.96	128	452001	12.895	ng	99
32) Benzoic acid	7.72	122	1720	8.161	ng	92
33) 4-Chloroaniline	7.96	127	61029	4.284	ng	# 34
37) 2-Methylnaphthalene	8.65	142	292340	13.769	ng	99
45) 1,1'-Biphenyl	9.11	154	105869	3.892	ng	96
48) Acenaphthylene	9.55	152	274400	9.499	ng	98
49) Dimethylphthalate	9.41	163	145798	6.197	ng	99
51) Acenaphthene	9.72	154	359714	19.589	ng	97
53) 2,4-Dinitrophenol	9.97	184	722	8.807	ng	96
54) Dibenzofuran	9.89	168	709920	29.346	ng	97
55) 4-Nitrophenol	9.89	139	273254	81.526	ng	# 28
57) Fluorene	10.23	166	556665	27.801	ng	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	1985	5.586	ng	89
66) 4-Bromophenyl-phenylether	10.48	248	15125	3.416	ng	# 1
70) Phenanthrene	11.22	178	4575736	185.015	ng	99
71) Anthracene	11.25	178	1280951	50.447	ng	99
72) Carbazole	11.41	167	552477	23.346	ng	98
74) Fluoranthene	12.40	202	4100745	165.631	ng	99
77) Pyrene	12.63	202	3492601	142.850	ng	99
80) Benzo(a)anthracene	13.80	228	1597857	87.936	ng	99
82) Chrysene	13.84	228	1438738	78.330	ng	97
83) Bis(2-ethylhexyl)phthalate	13.79	149	82744	6.216	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.56	276	597919	46.399	ng	92
87) Benzo(b)fluoranthene	14.83	252	2435984	122.392	ng	97
88) Benzo(k)fluoranthene	14.83	252	2435984	131.103	ng	98
89) Benzo(a)pyrene	15.16	252	1184177	66.784	ng	97
90) Dibenzo(a,h)anthracene	16.70	278	108981	8.449	ng	95
91) Benzo(g,h,i)perylene	16.96	276	543234	41.872	ng	96

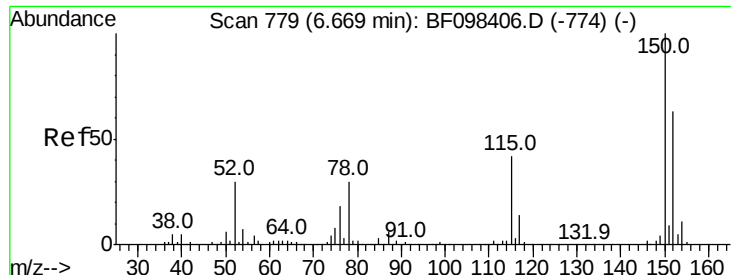
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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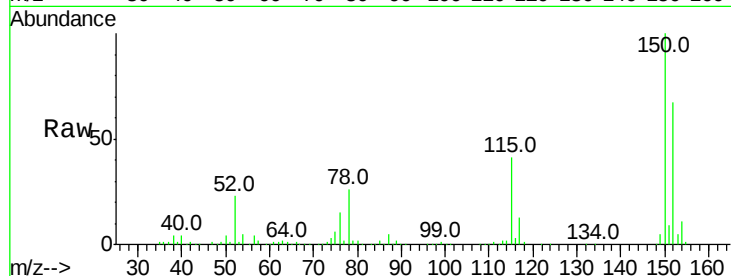


#1

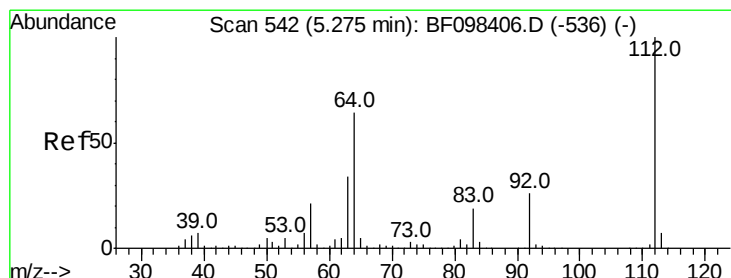
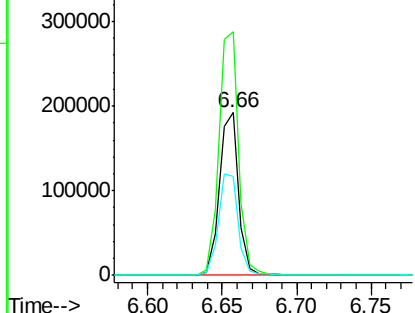
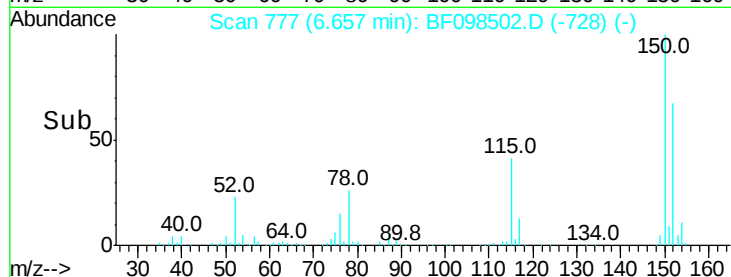
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	126.2	189.2
115	61.1	52.2	78.2



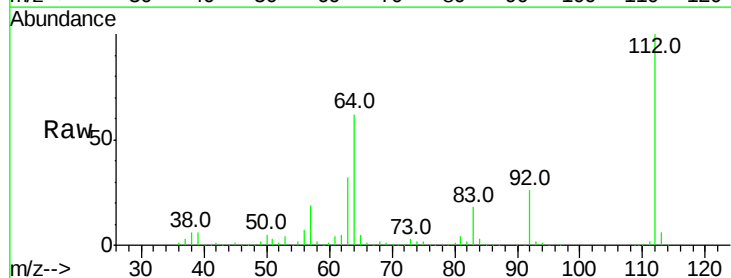
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



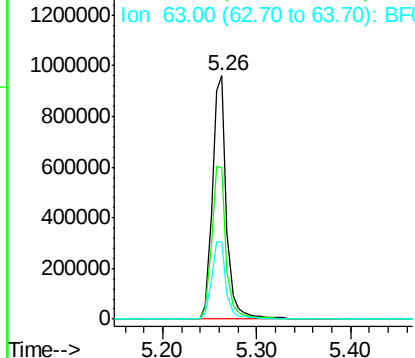
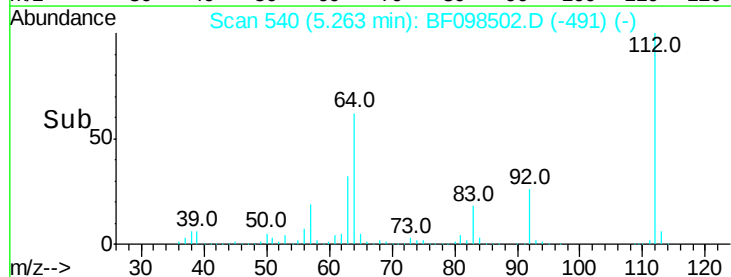
#5

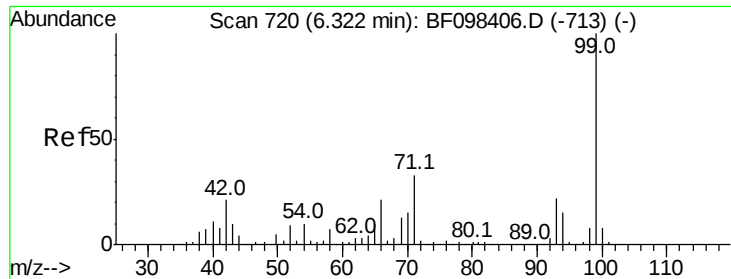
2-Fluorophenol
Concen: 87.663 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.0	69.0
63	31.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.903 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

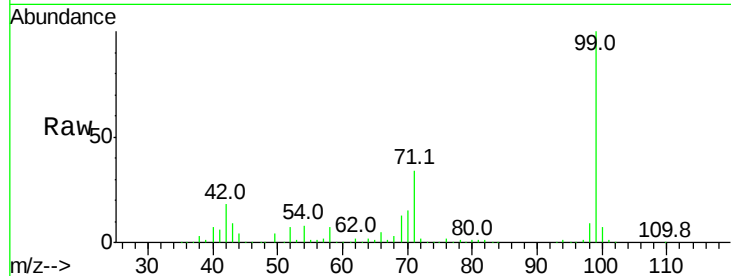
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1307814

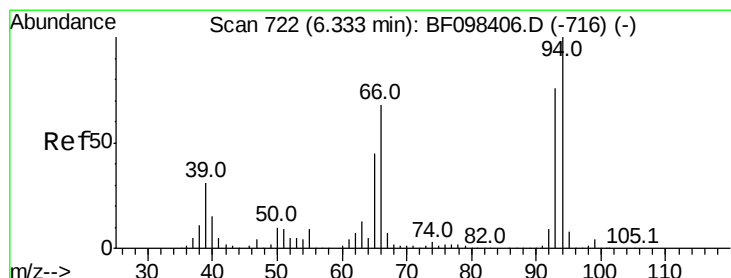
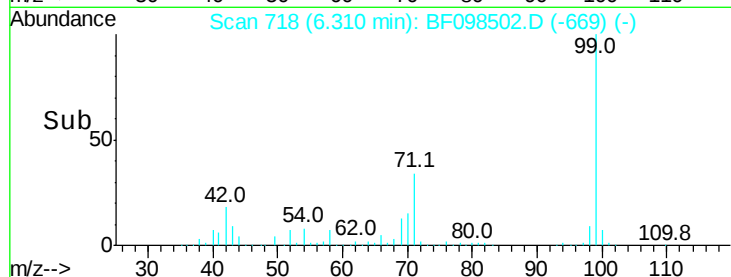
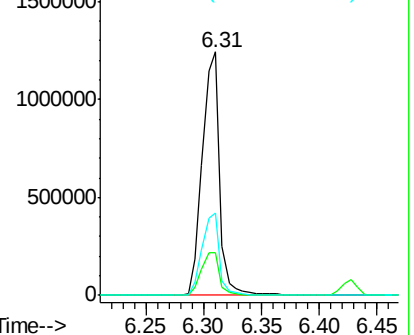
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.6	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.897 ng

RT: 6.32 min Scan# 719

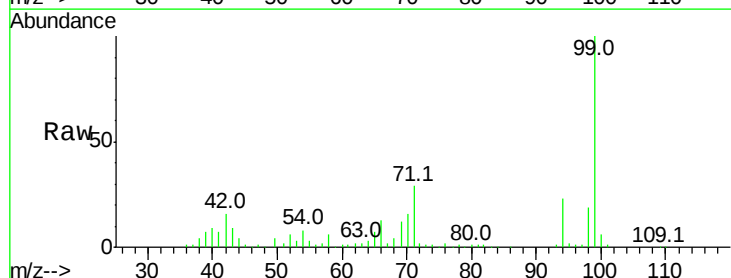
Delta R.T. -0.02 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Tgt Ion: 94 Resp: 50071

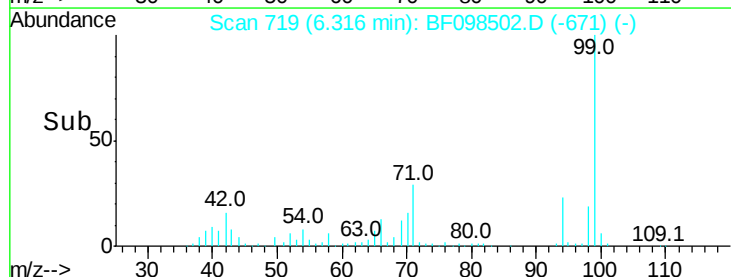
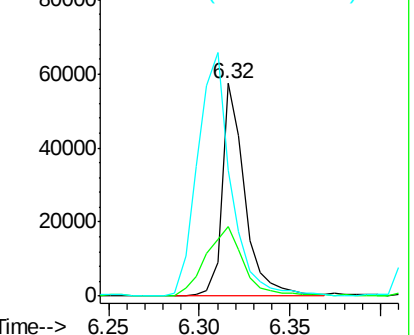
Ion	Ratio	Lower	Upper
94	100		
65	32.8	9.9	49.9
66	59.4	23.1	63.1

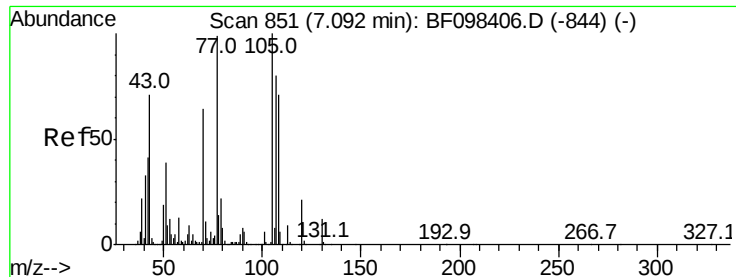


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.648 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 109003

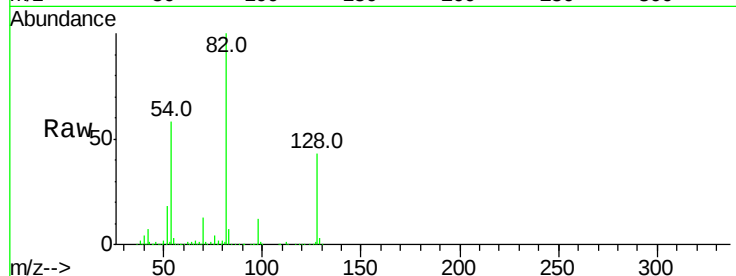
Ion Ratio Lower Upper

70 100

42 50.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

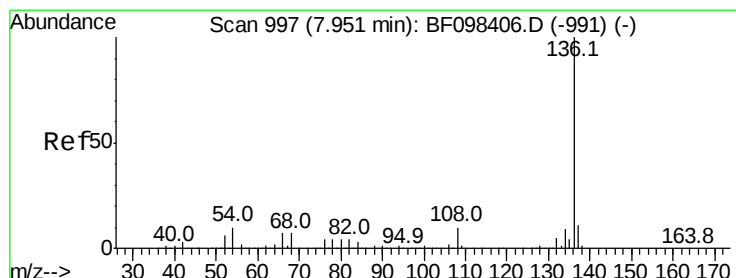
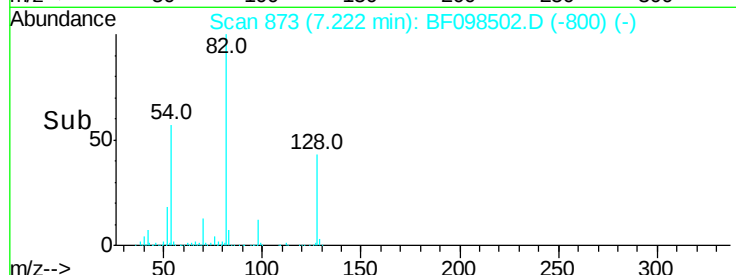
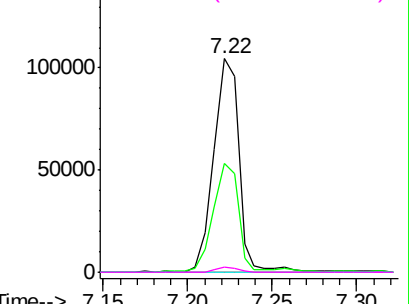


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Tgt Ion:136 Resp: 709028

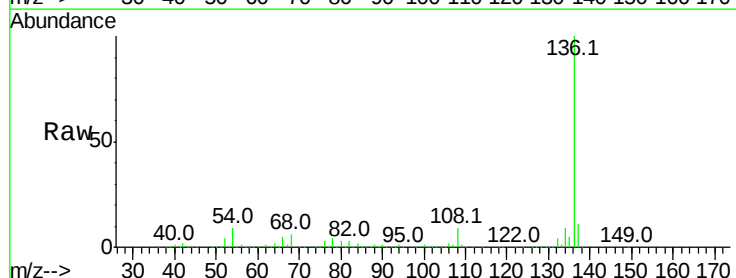
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.0 4.9 7.3#

68 6.0 4.1 6.1

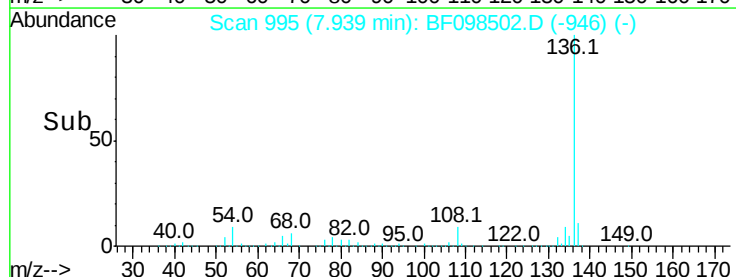
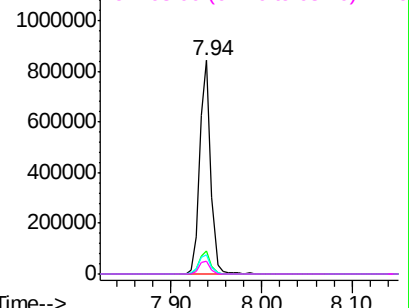


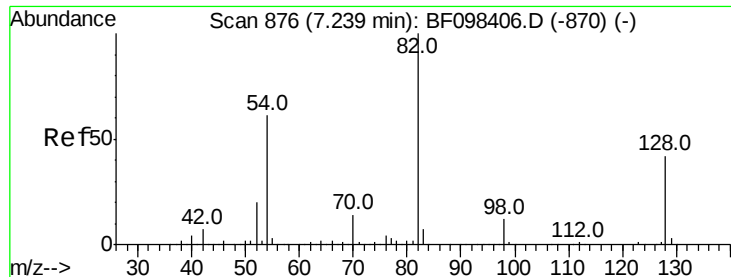
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

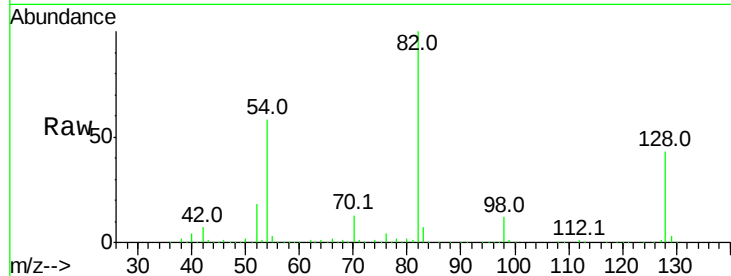




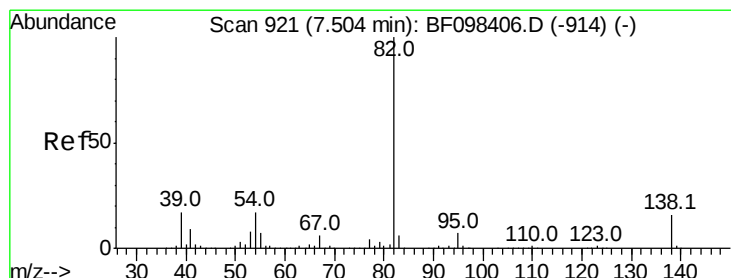
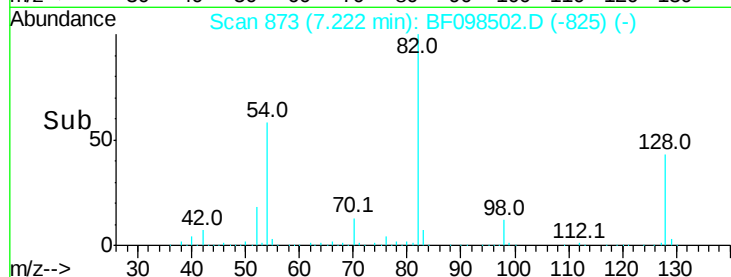
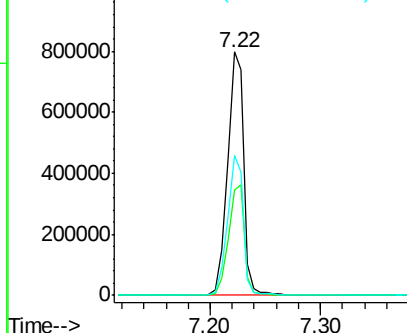
#23
 Nitrobenzene-d5
 Concen: 64.553 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 820991
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.0 51.0
 54 57.6 42.2 63.2

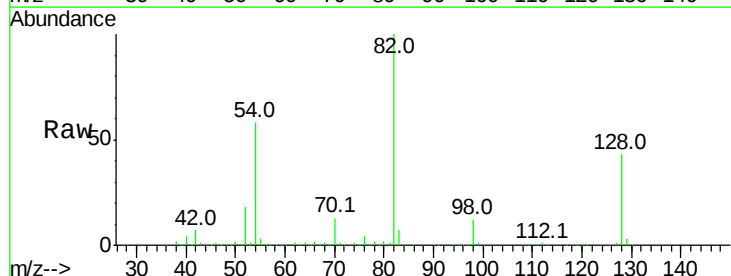


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

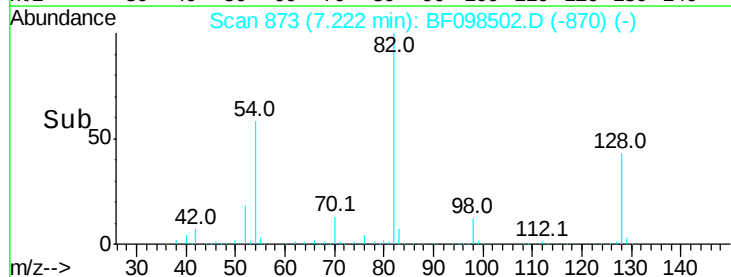
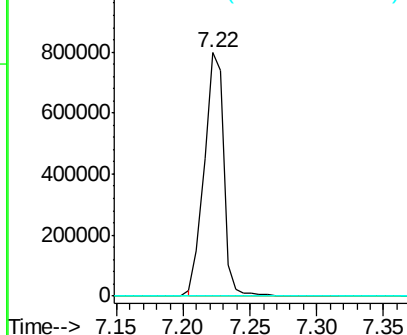


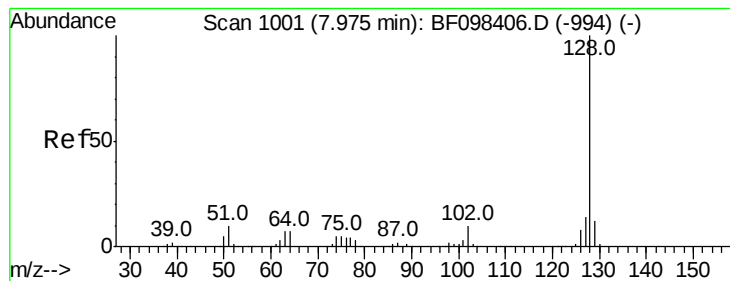
#25
 Isophorone
 Concen: 31.430 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.28 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

Tgt Ion: 82 Resp: 808751
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 12.895 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

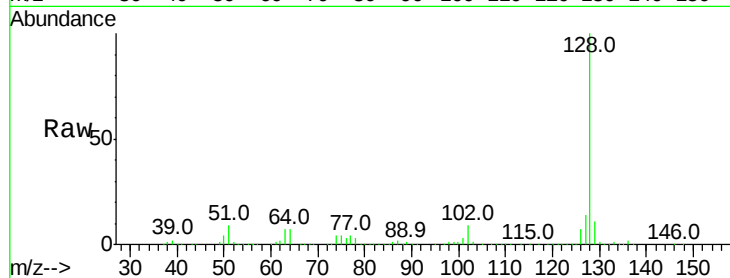
Tot Ion:128 Resp: 452001

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

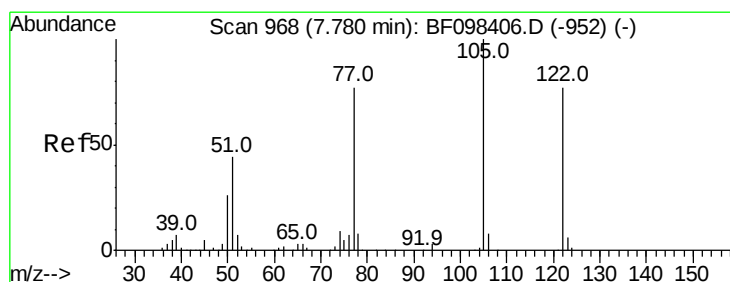
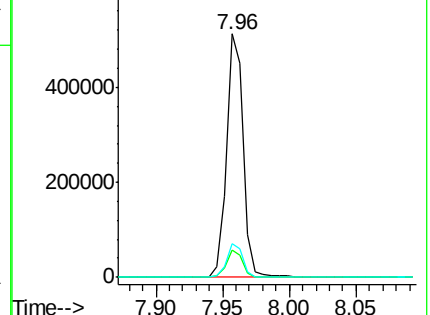
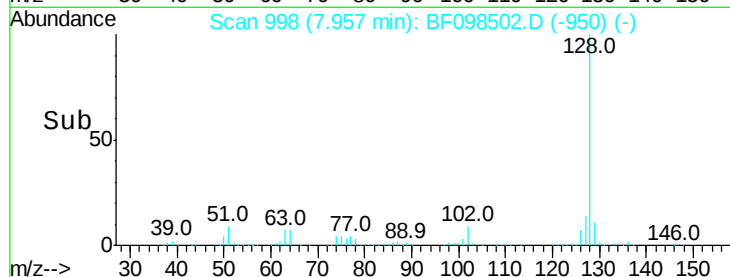
127 13.8 10.8 16.2



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: 8.161 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.06 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

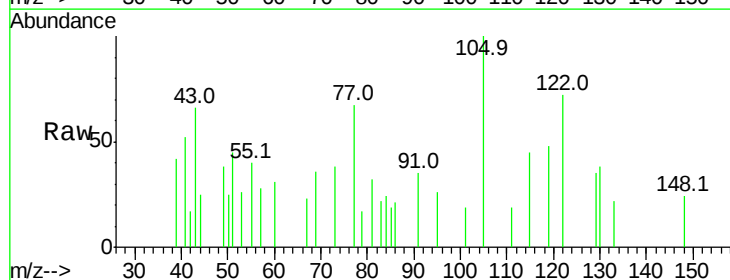
Tgt Ion:122 Resp: 1720

Ion Ratio Lower Upper

122 100

105 138.6 103.3 143.3

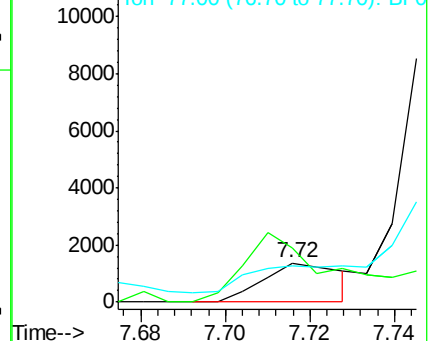
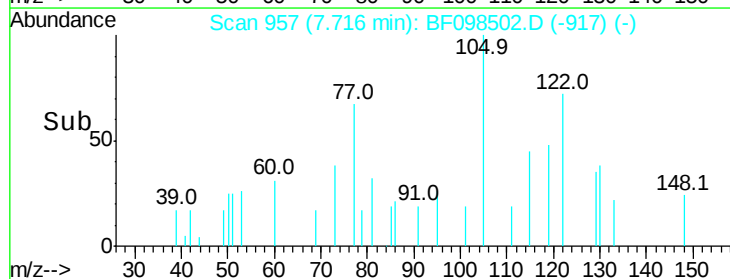
77 92.3 73.7 113.7

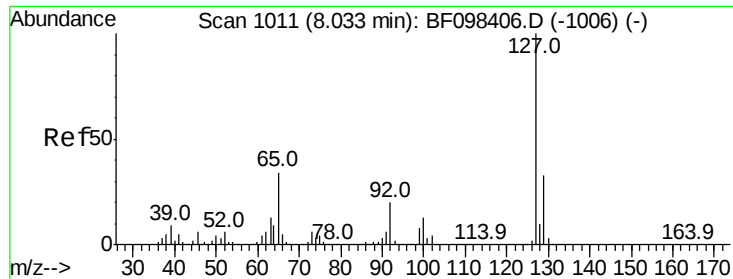


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

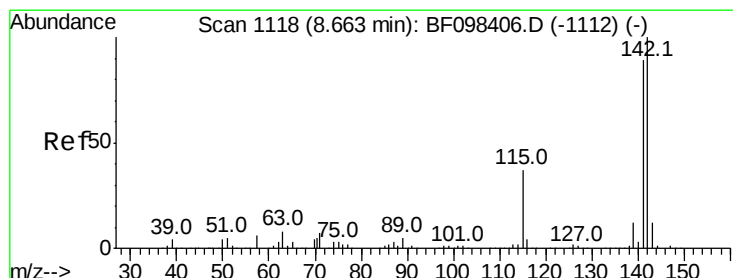
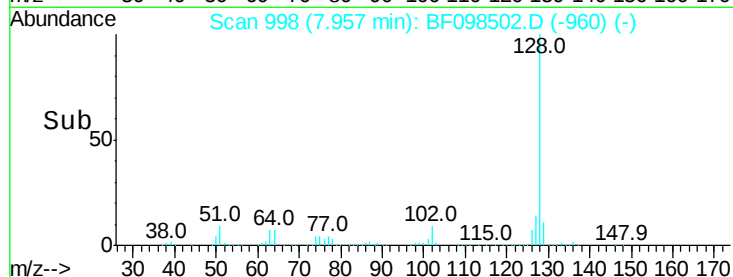
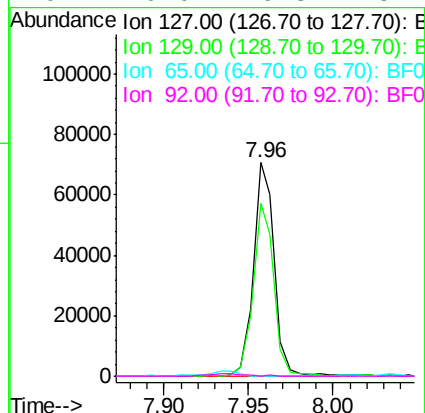
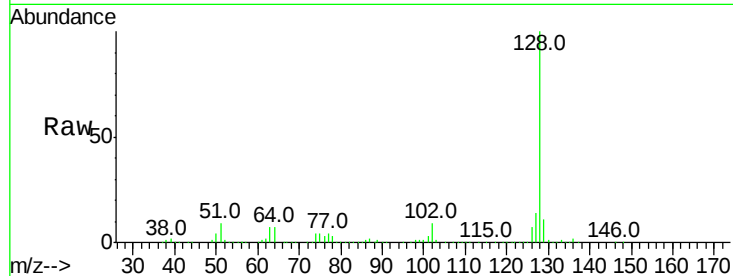




#33
 4-Chloroaniline
 Concen: 4.284 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.08 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

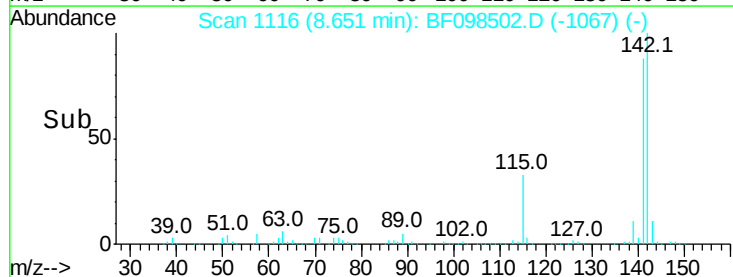
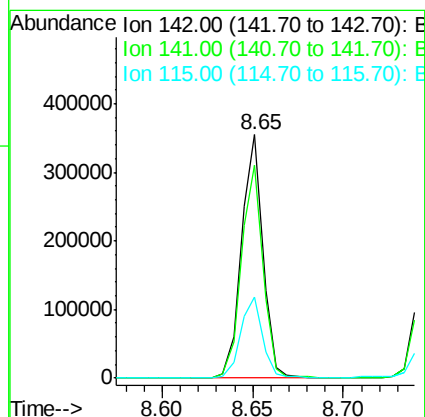
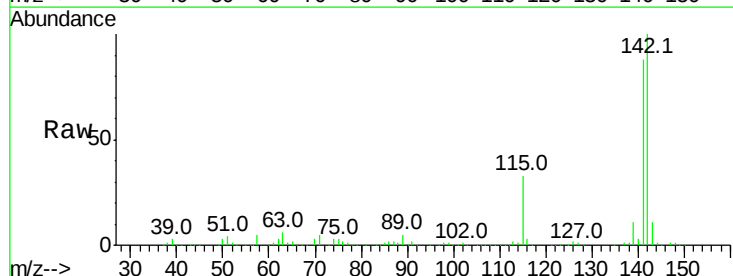
Instrument :
 BNA_F
 ClientSampleId :

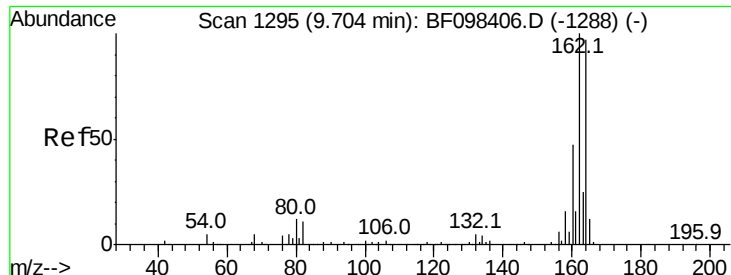
Tot Ion:	127	Resp:	61029
Ion	Ratio	Lower	Upper
127	100		
129	80.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
 2-Methylnaphthalene
 Concen: 13.769 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

Tgt Ion:	142	Resp:	292340
Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	33.2	27.1	40.7

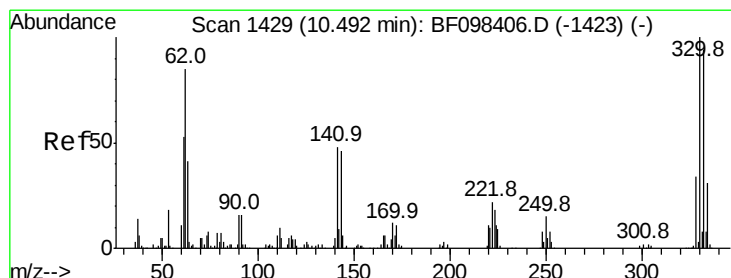
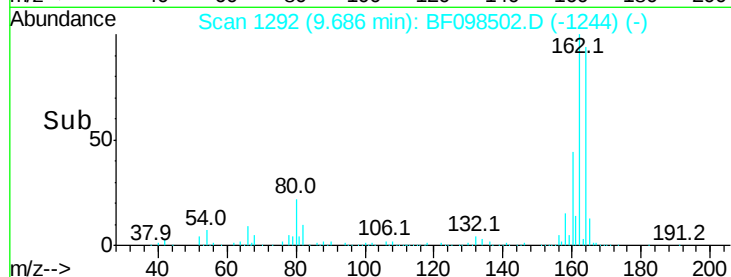
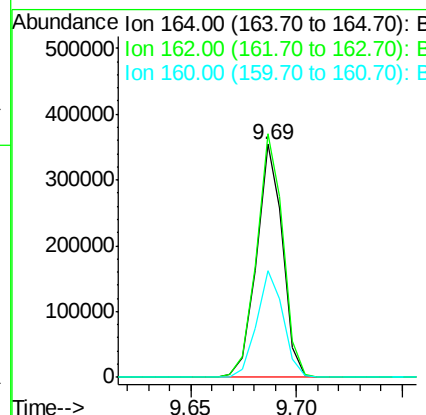
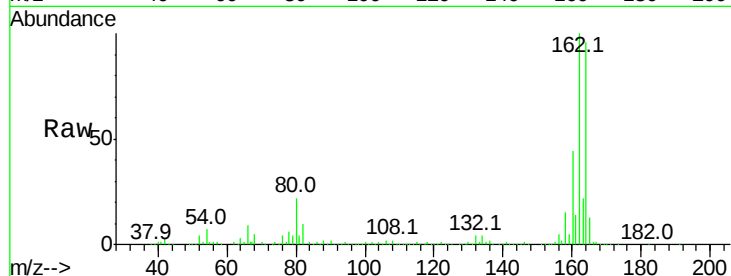




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

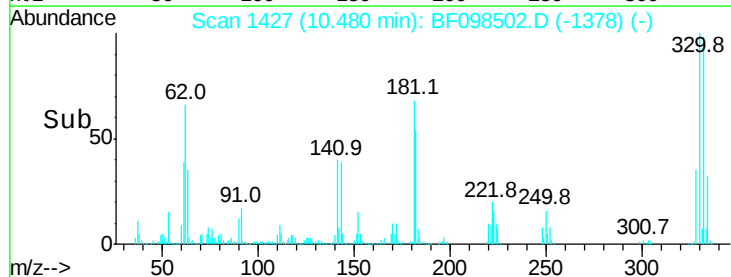
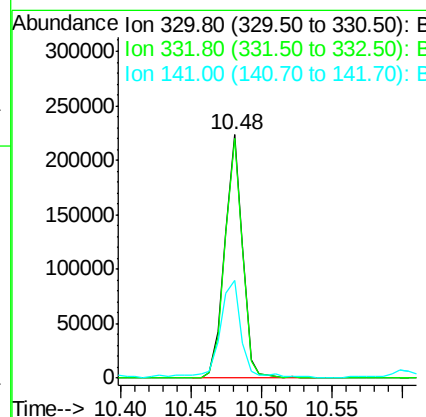
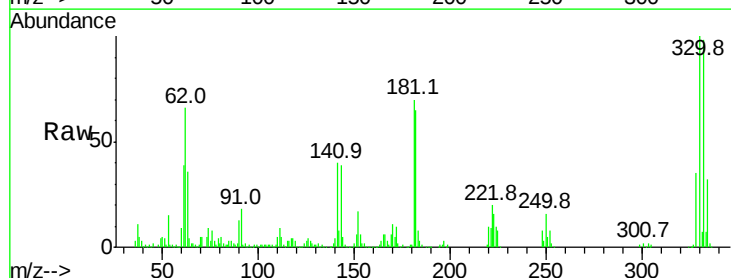
Instrument :
 BNA_F
 ClientSampleID :

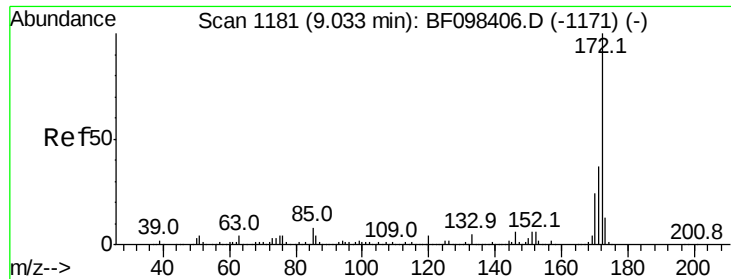
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	45.6	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 96.909 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	48.3	31.4	47.2

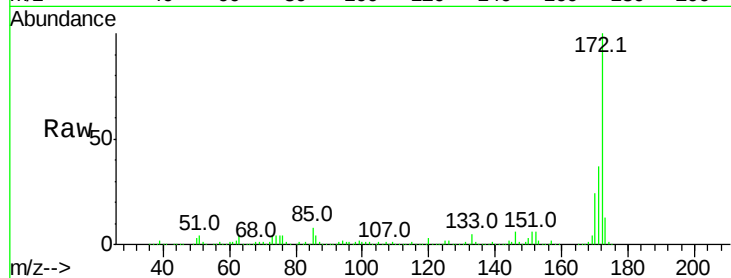




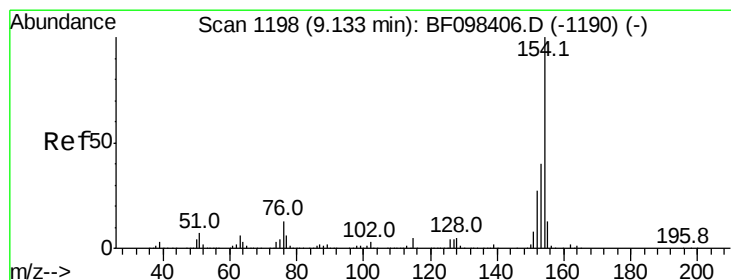
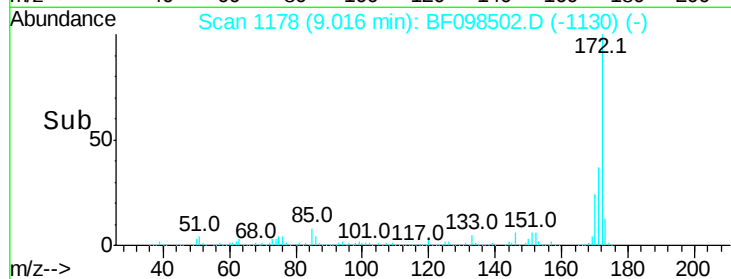
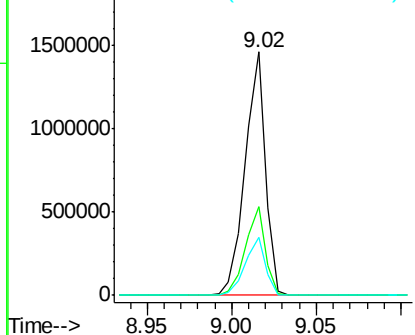
#44
2-Fluorobiphenyl
Concen: 68.778 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.8	19.8	29.8

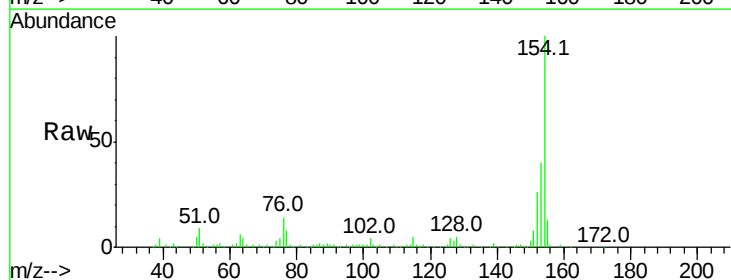


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

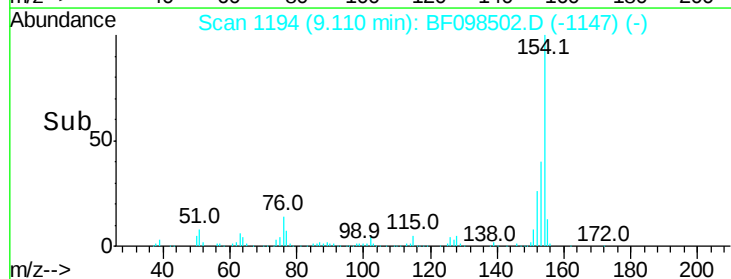
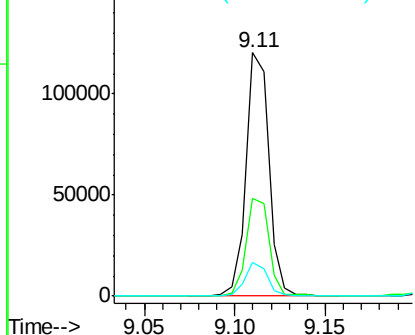


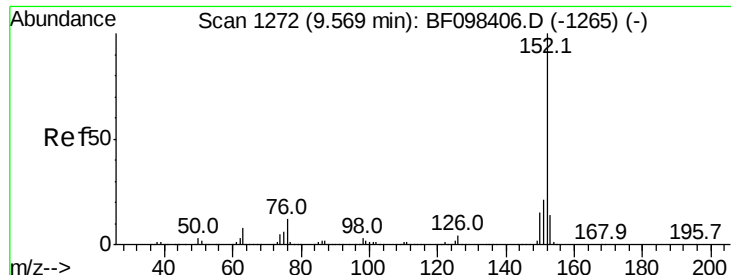
#45
1,1'-Biphenyl
Concen: 3.892 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	13.9	0.0	29.9



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): BF0





#48

Acenaphthylene

Concen: 9.499 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

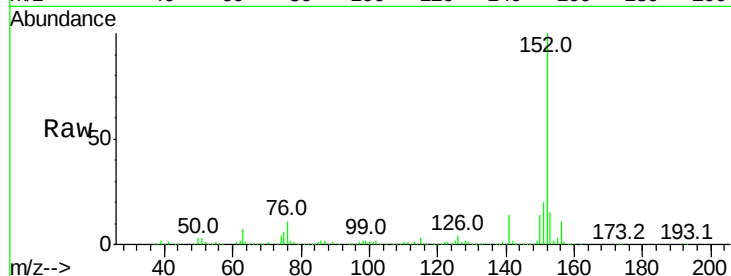
Tot Ion:152 Resp: 274400

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2

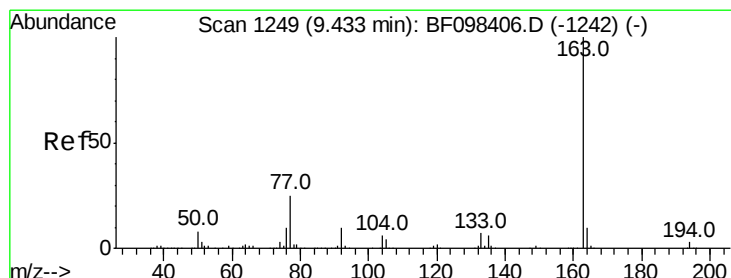
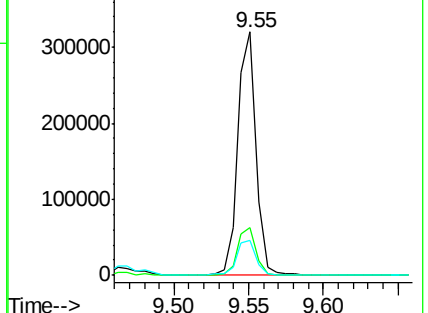
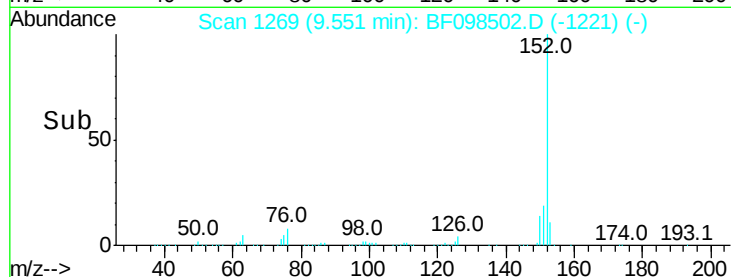
153 14.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.197 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

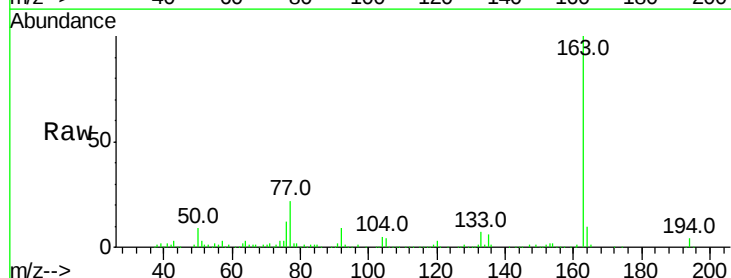
Tgt Ion:163 Resp: 145798

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

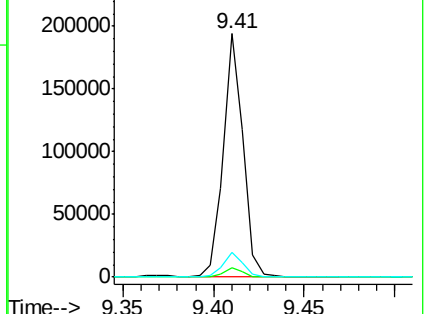
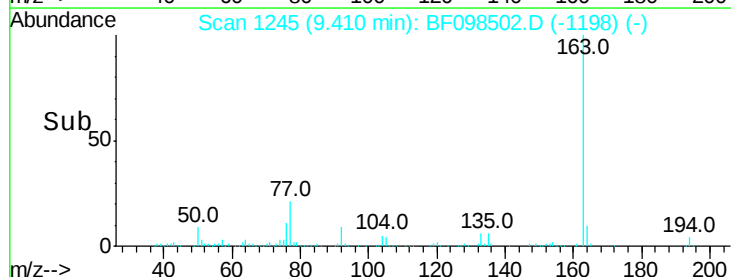
164 10.0 8.4 12.6

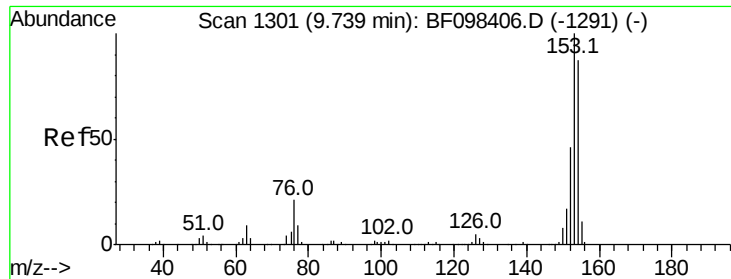


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 19.589 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

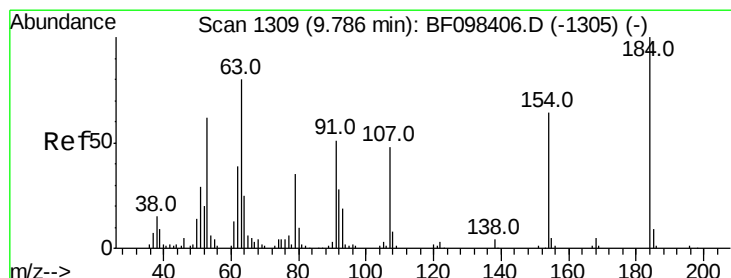
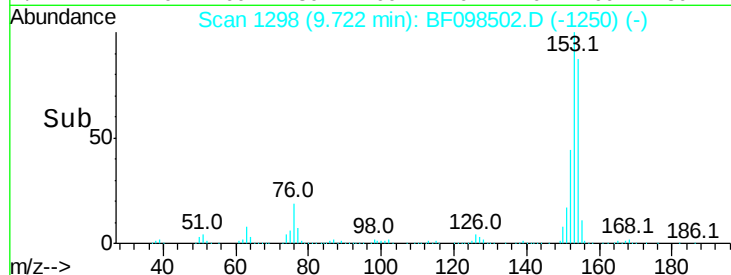
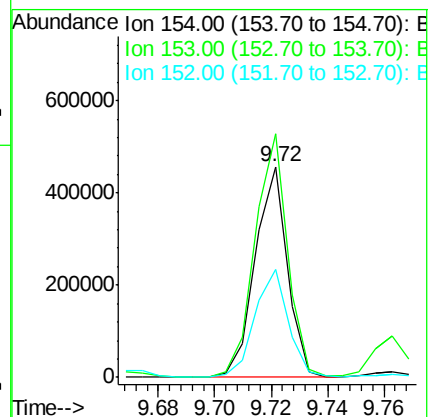
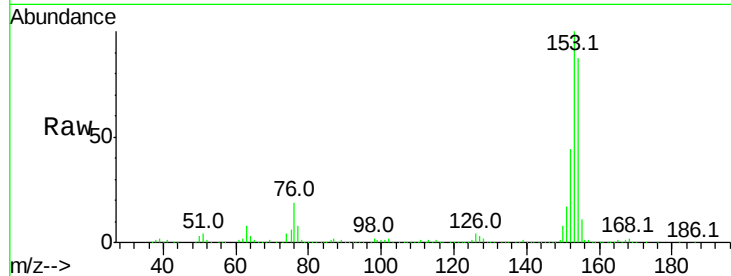
Tot Ion:154 Resp: 359714

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

152 51.3 43.6 65.4



#53

2,4-Dinitrophenol

Concen: 8.807 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.18 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

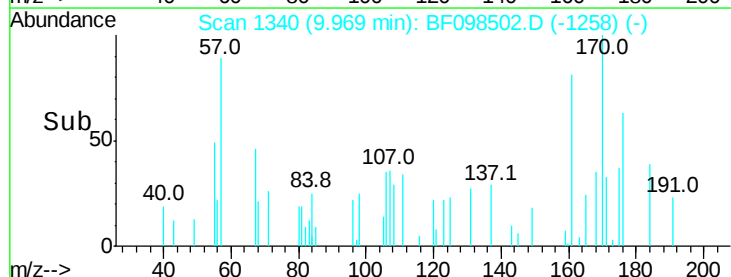
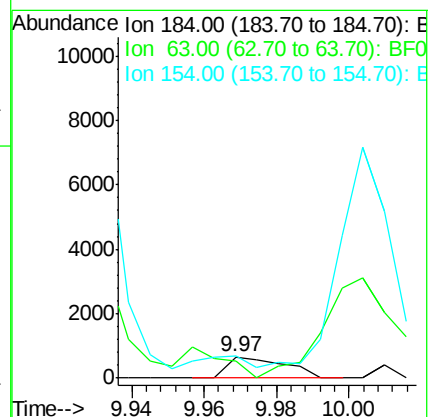
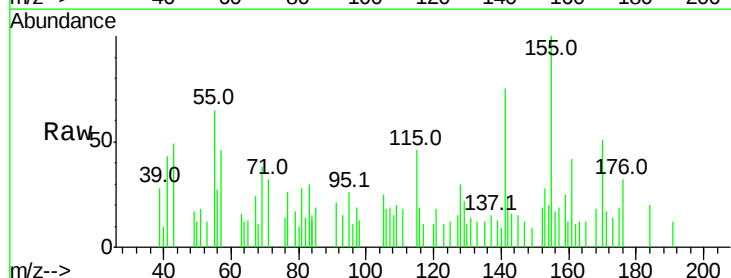
Tgt Ion:184 Resp: 722

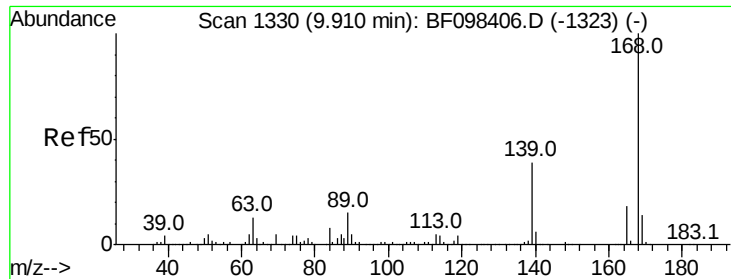
Ion Ratio Lower Upper

184 100

63 83.4 62.7 94.1

154 103.7 81.1 121.7

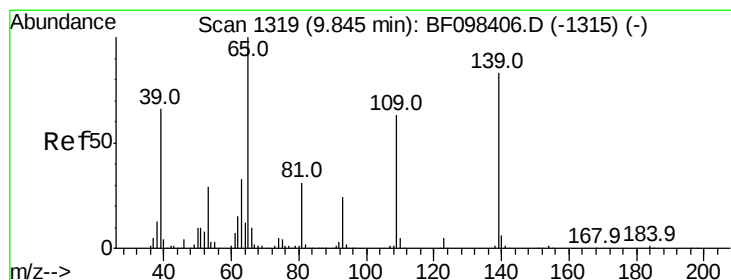
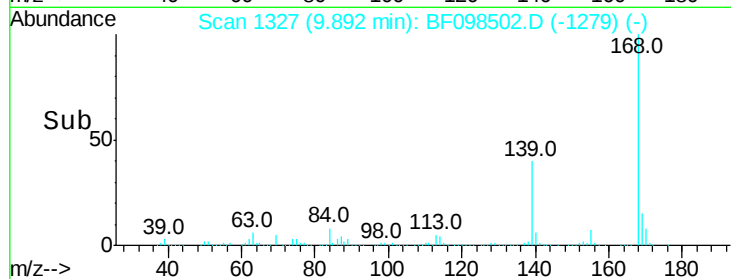
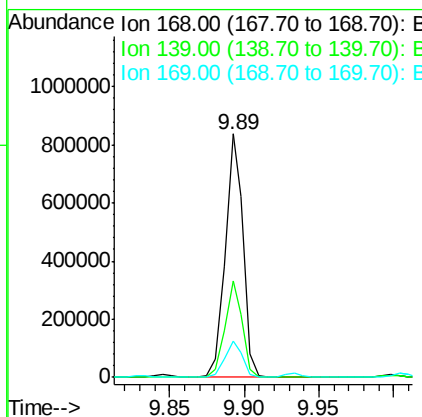
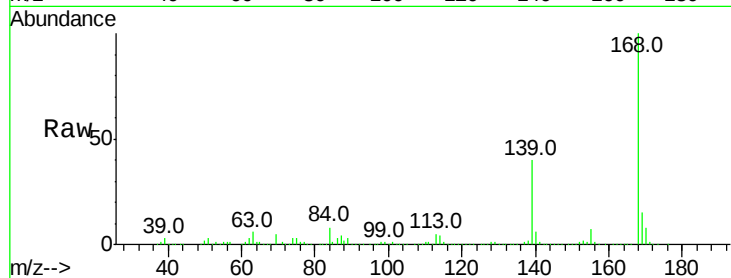




#54
Dibenzofuran
Concen: 29.346 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

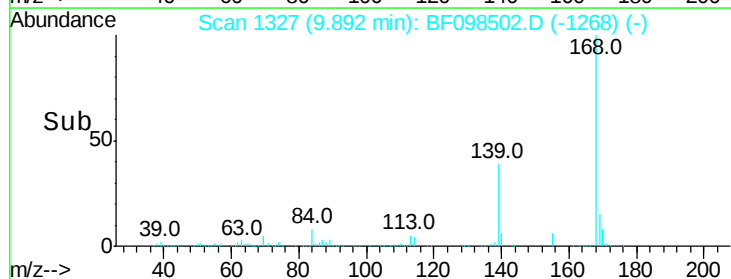
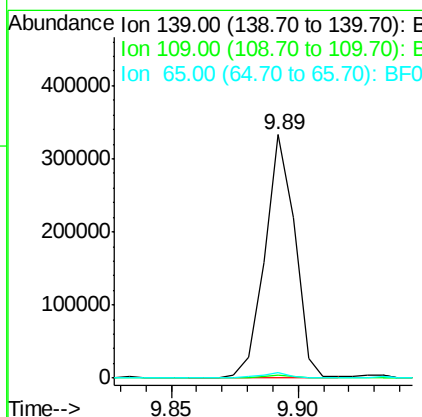
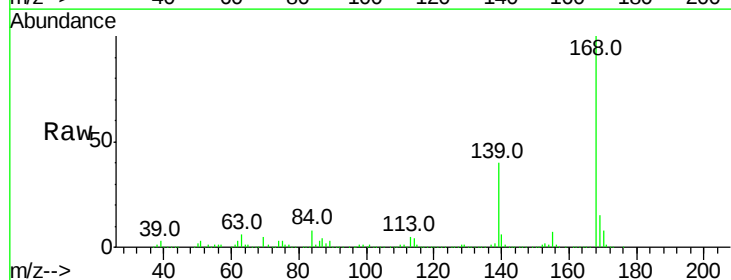
Instrument :
BNA_F
ClientSampled :

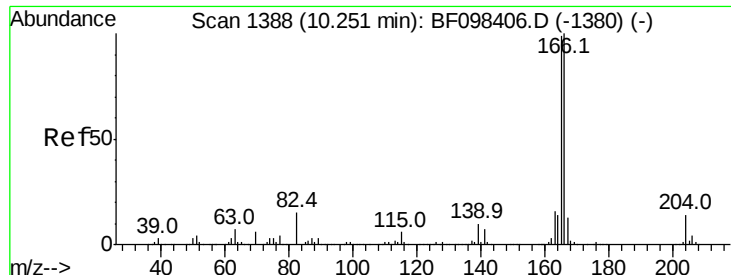
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.6	45.8
169	15.0	10.8	16.2



#55
4-Nitrophenol
Concen: 81.526 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.05 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.0	34.1	74.1#
65	2.1	31.4	71.4#





#57

Fluorene

Concen: 27.801 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

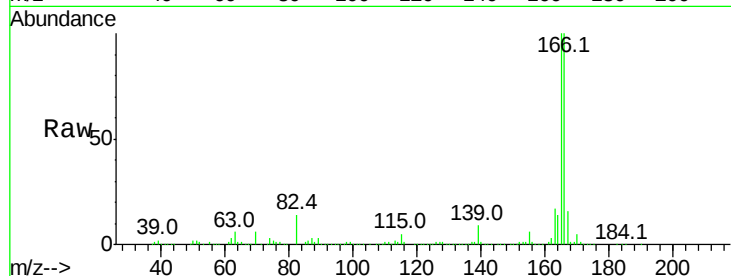
Tot Ion:166 Resp: 556665

Ion Ratio Lower Upper

166 100

165 99.9 78.8 118.2

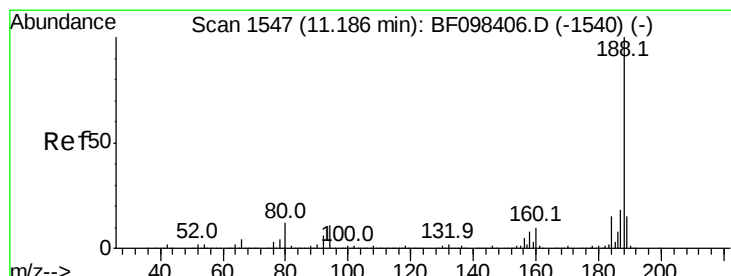
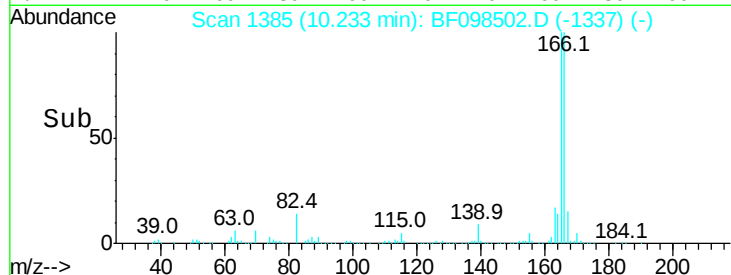
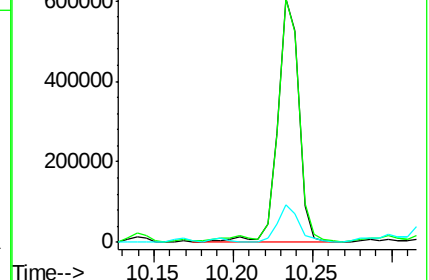
167 15.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

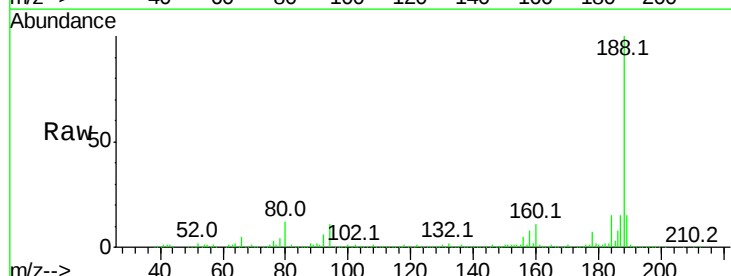
Tgt Ion:188 Resp: 466521

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

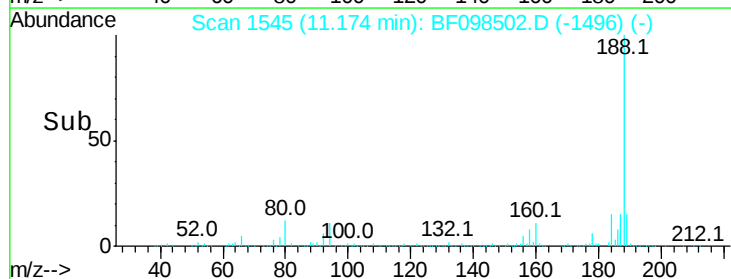
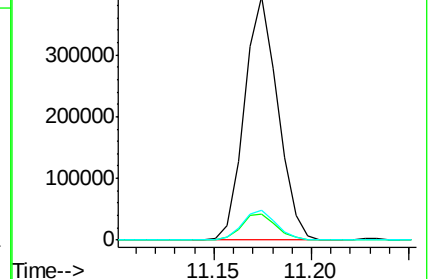
80 12.3 10.2 15.2

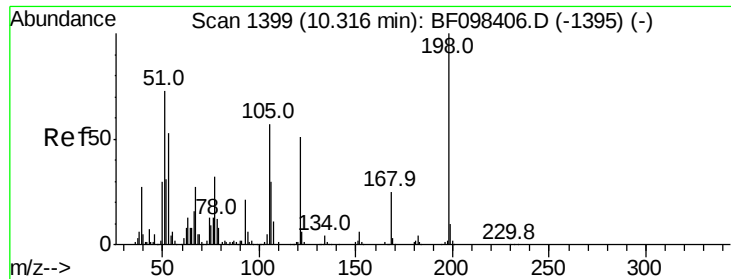


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

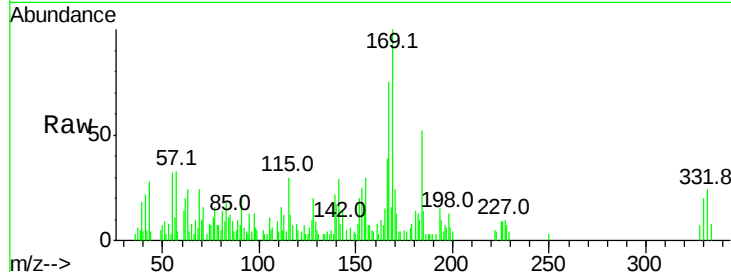




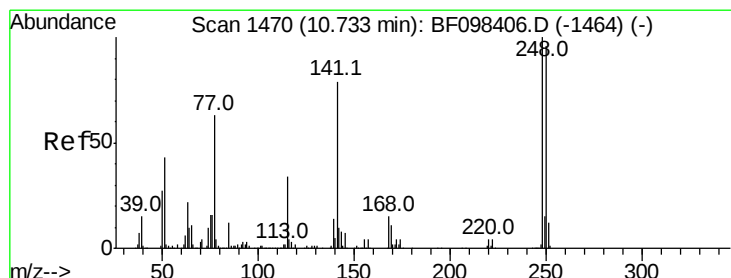
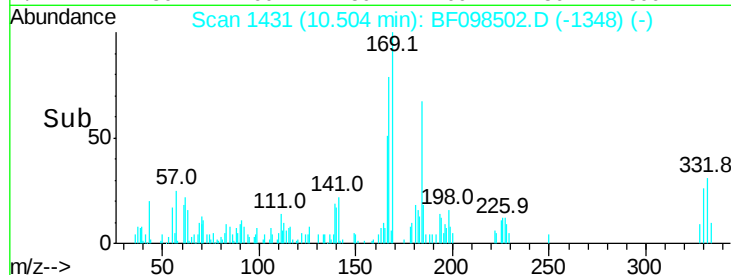
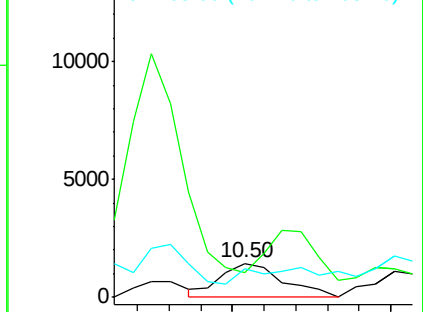
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.586 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.19 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1985
 Ion Ratio Lower Upper
 198 100
 51 73.8 53.2 93.2
 105 83.5 45.8 85.8

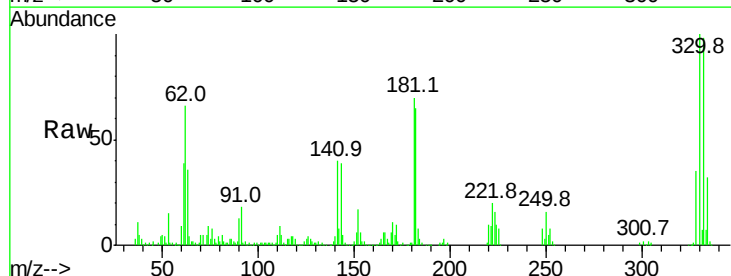


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

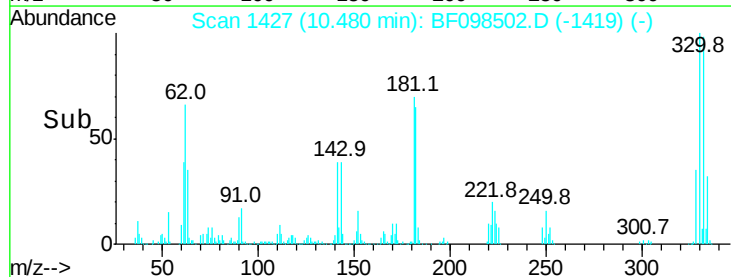
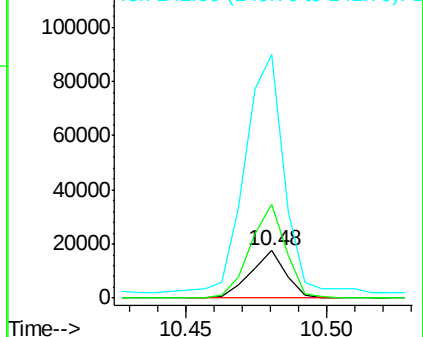


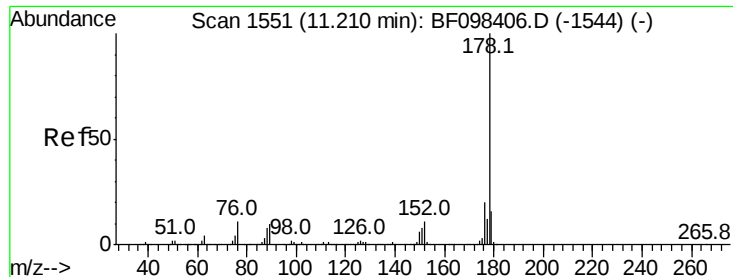
#66
 4-Bromophenyl-phenylether
 Concen: 3.416 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

Tgt Ion:248 Resp: 15125
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.8 115.2#
 141 510.8 68.6 103.0#



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

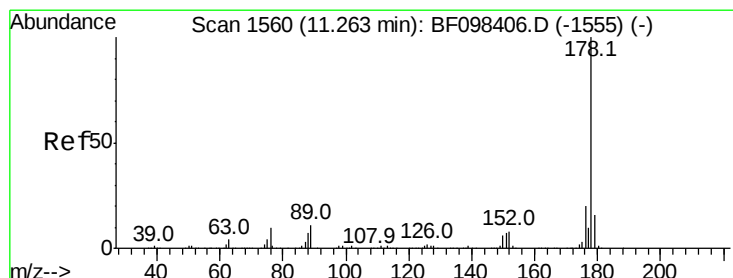
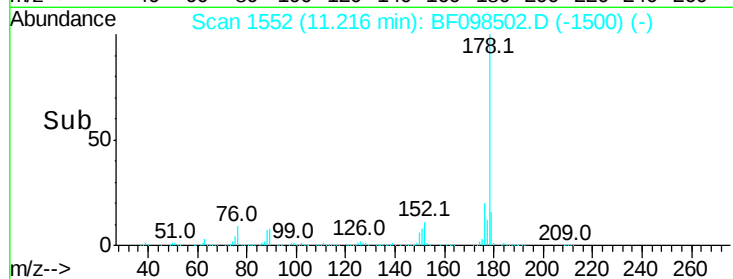
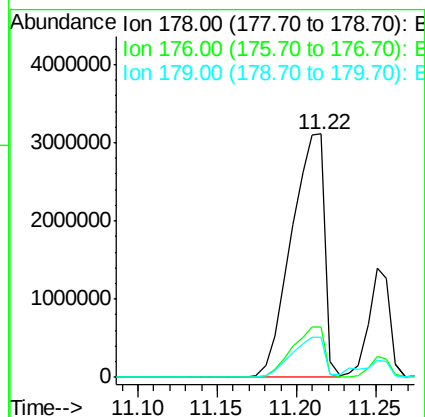
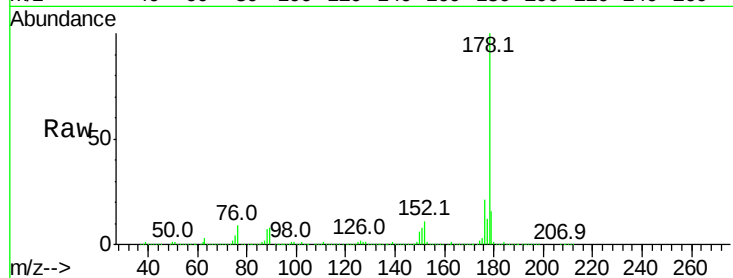




#70
Phenanthrene
Concen: 185.015 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

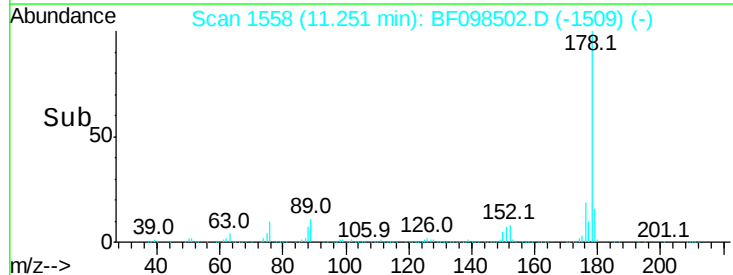
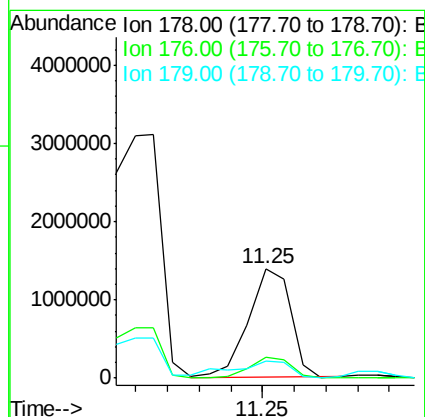
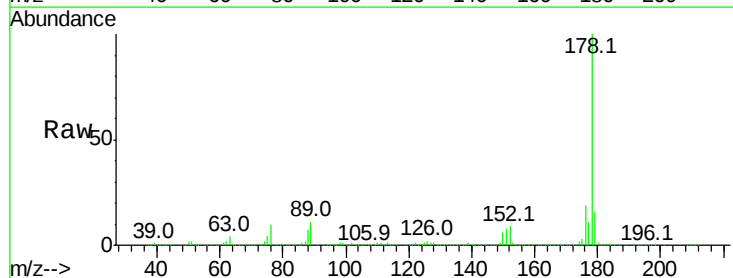
Instrument :
BNA_F
ClientSampleId :

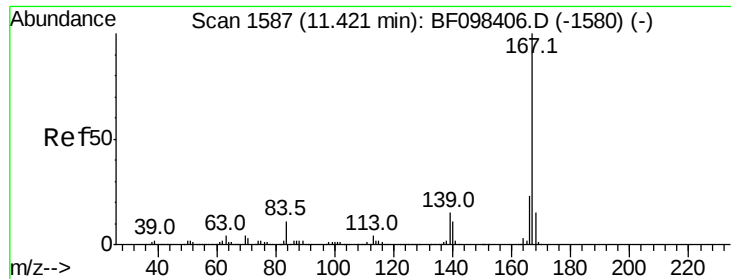
Tot Ion:178 Resp: 4575736
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.3 12.6 19.0



#71
Anthracene
Concen: 50.447 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098502.D
Acq: 13 Sep 2017 21:10

Tgt Ion:178 Resp: 1280951
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 16.0 12.7 19.1





#72

Carbazole

Concen: 23.346 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

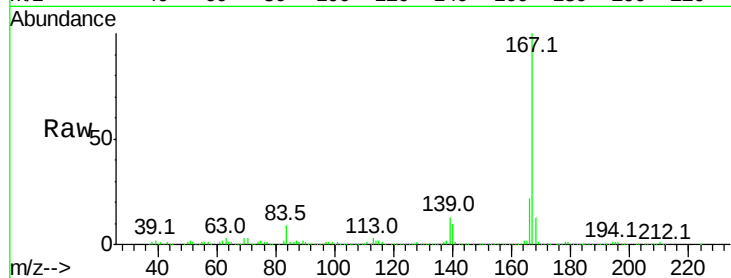
Tot Ion:167 Resp: 552477

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

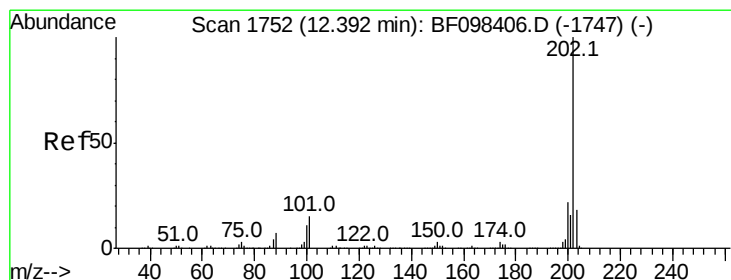
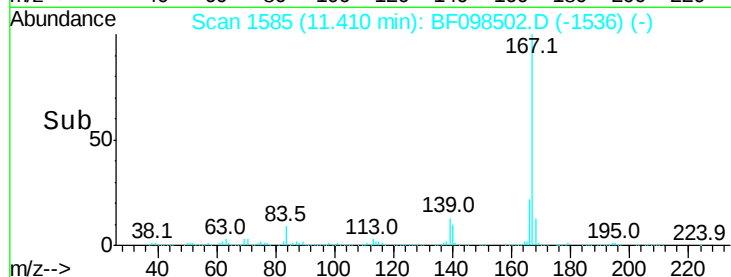
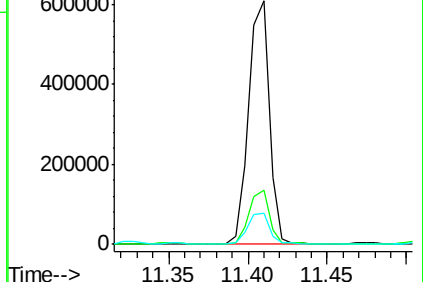
139 13.1 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 165.631 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

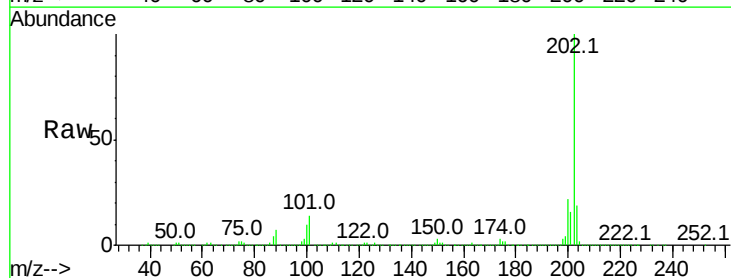
Tgt Ion:202 Resp: 4100745

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

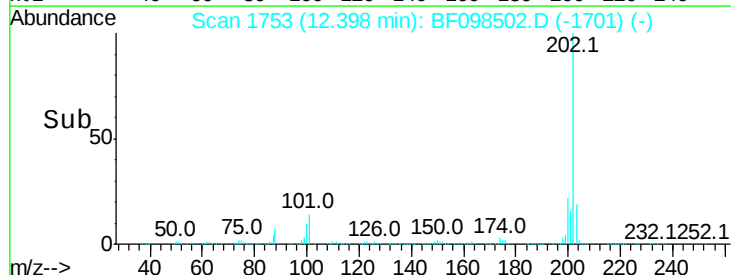
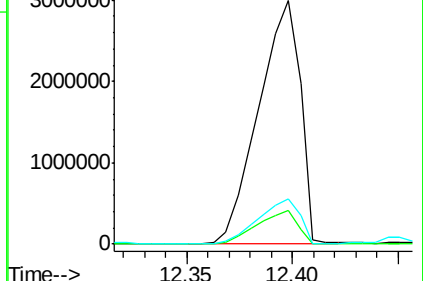
203 18.6 0.0 38.1

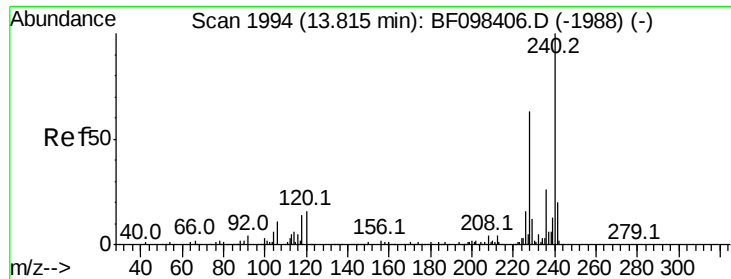


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

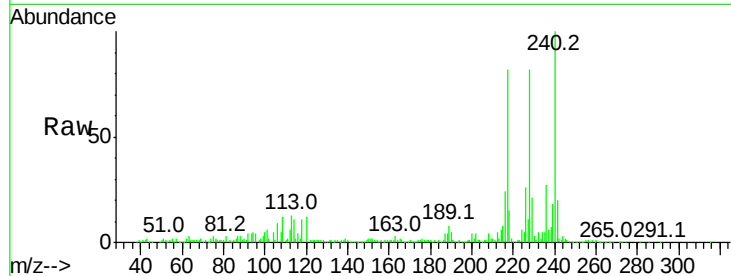
Tot Ion:240 Resp: 309932

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

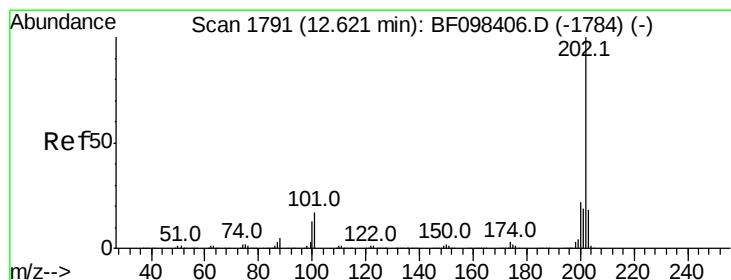
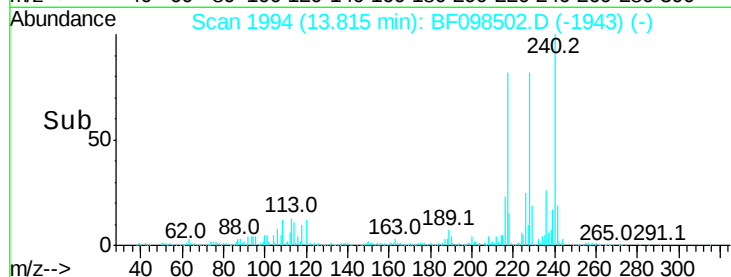
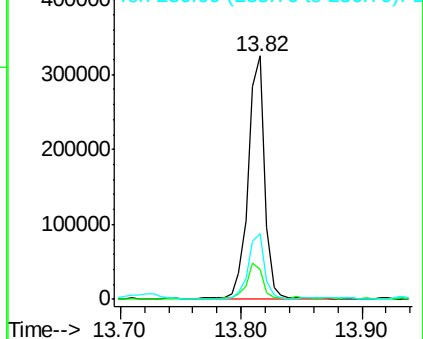
236 27.2 20.5 30.7



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

Pyrene

Concen: 142.850 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

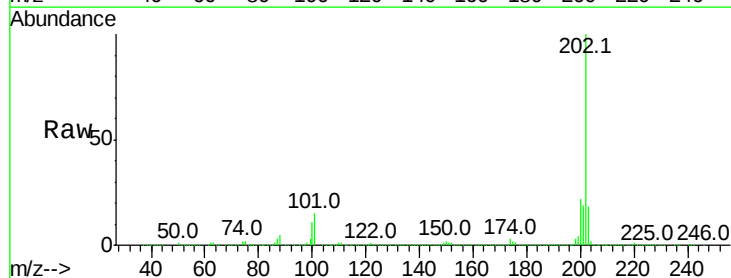
Tgt Ion:202 Resp: 3492601

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

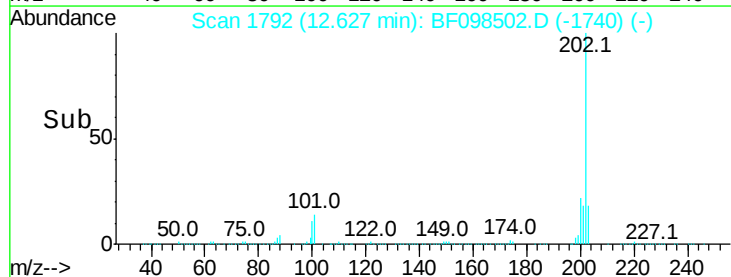
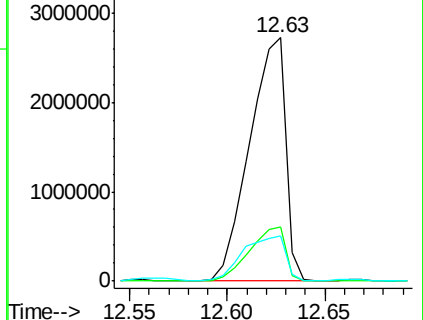
203 18.5 14.4 21.6

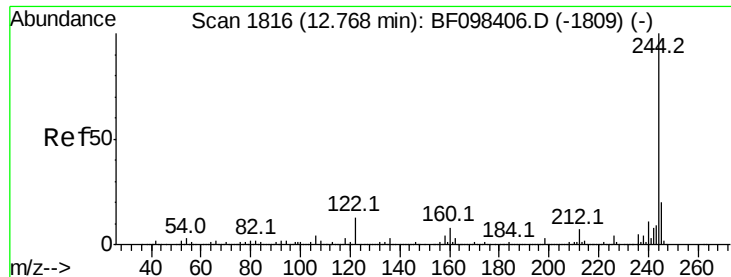


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.231 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

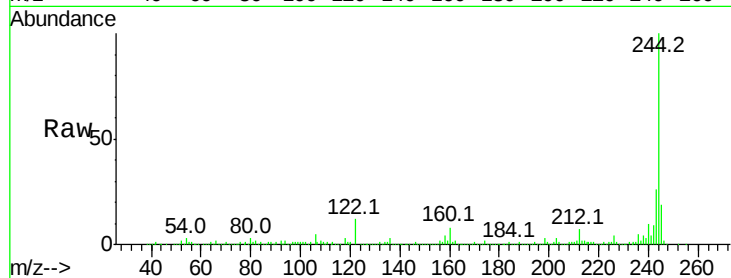
Tot Ion:244 Resp: 764342

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

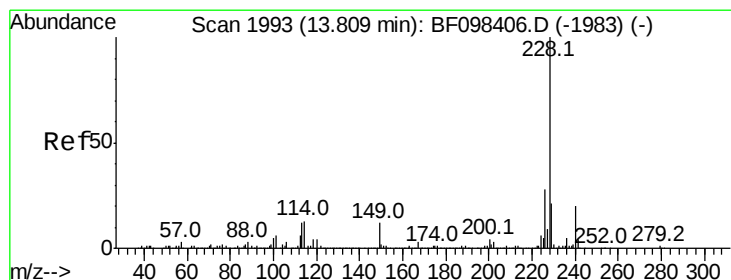
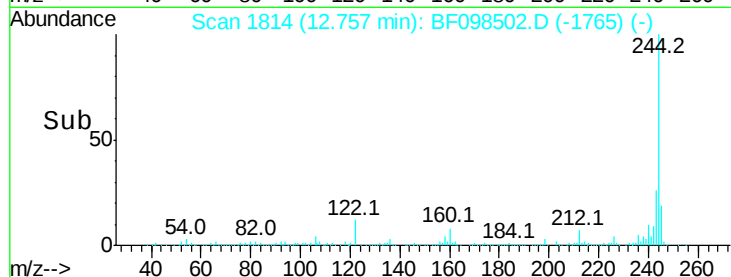
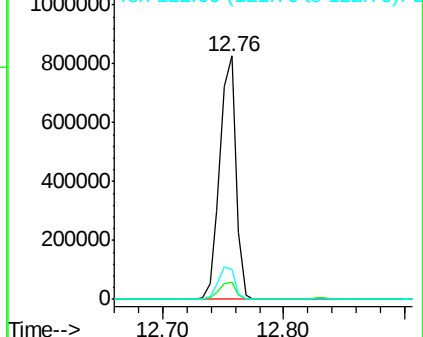
122 12.1 10.3 15.5



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: 87.936 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

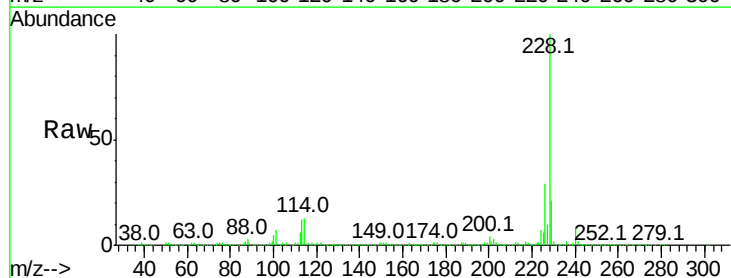
Tgt Ion:228 Resp: 1597857

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

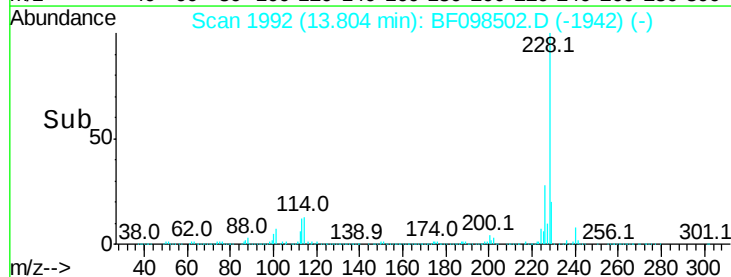
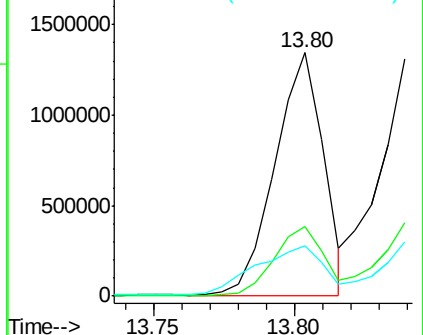
229 20.9 16.3 24.5

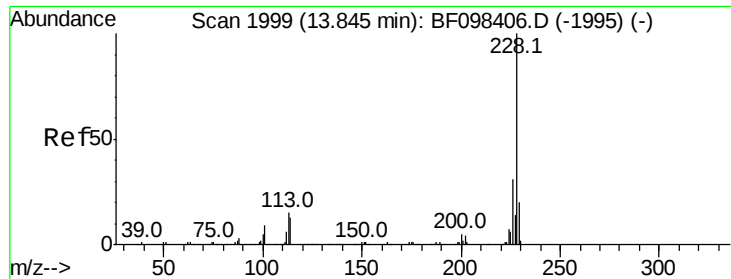


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 78.330 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

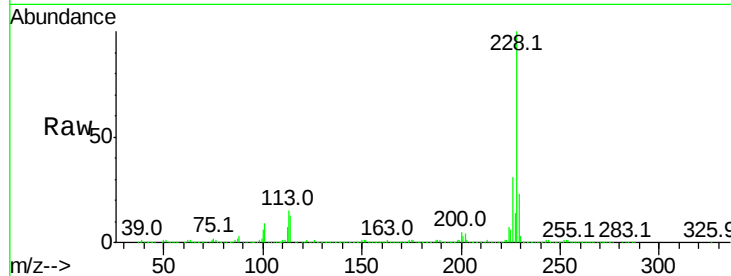
Tot Ion:228 Resp: 1438738

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

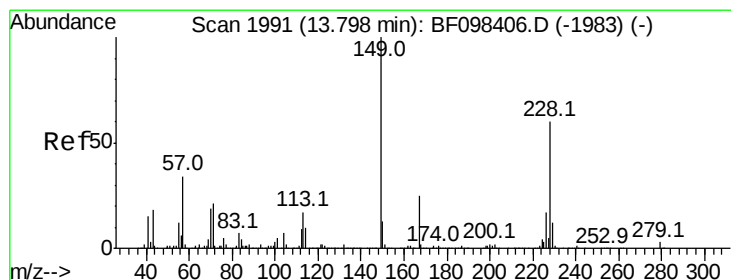
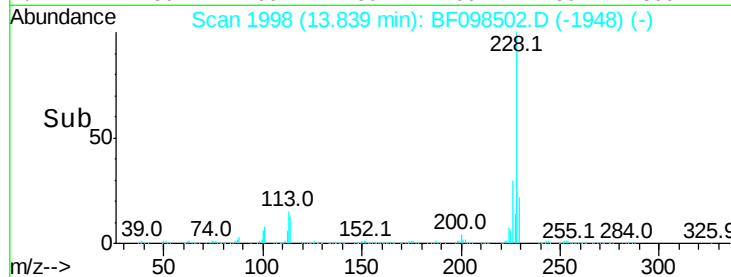
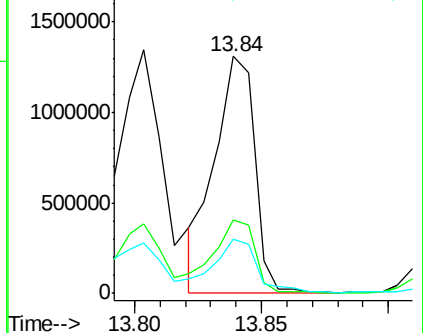
229 22.7 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.216 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

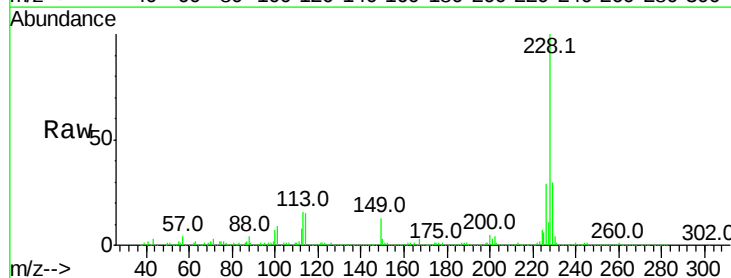
Tgt Ion:149 Resp: 82744

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

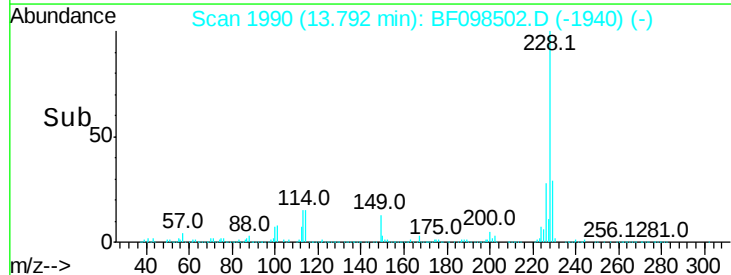
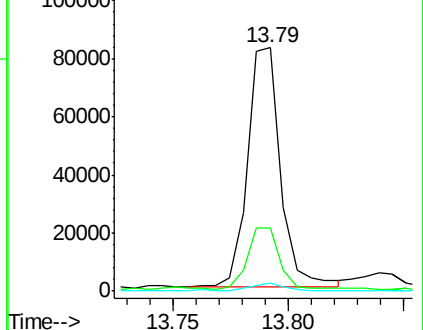
279 3.1 1.9 2.9#

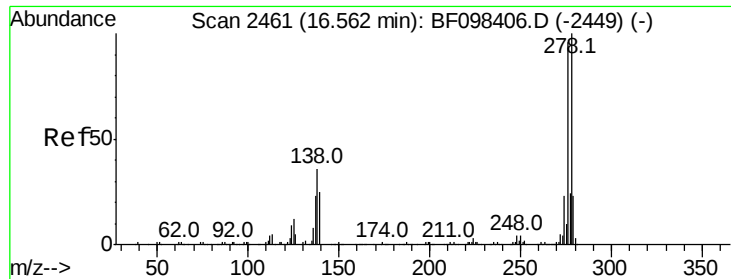


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.399 ng

RT: 16.56 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

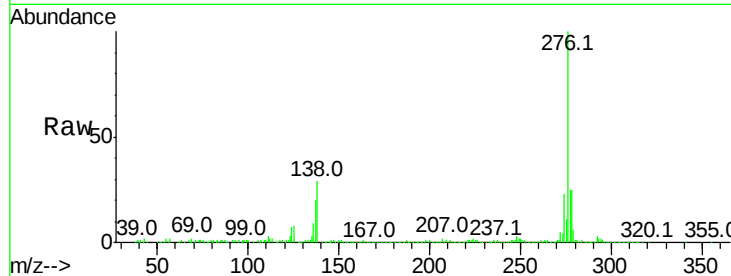
Tot Ion:276 Resp: 597919

Ion Ratio Lower Upper

276 100

138 28.7 27.8 41.6

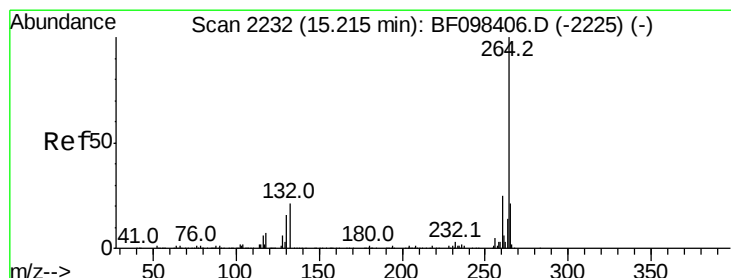
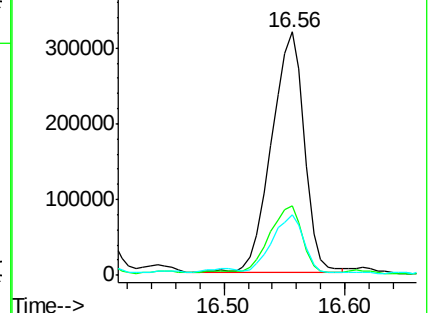
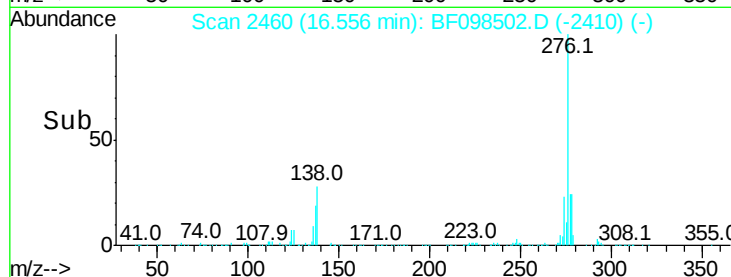
277 23.1 20.2 30.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

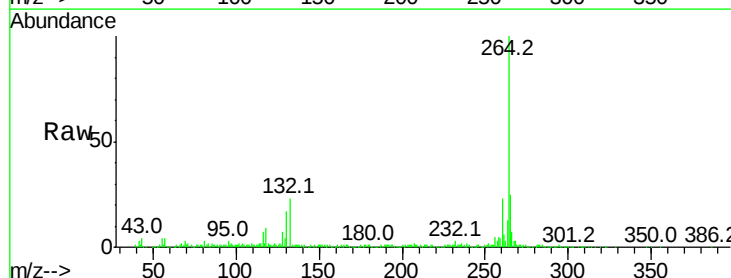
Tgt Ion:264 Resp: 316539

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

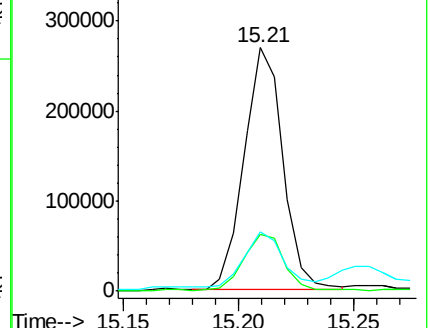
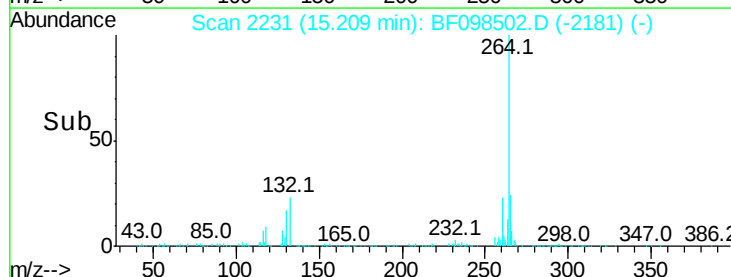
265 24.5 17.2 25.8

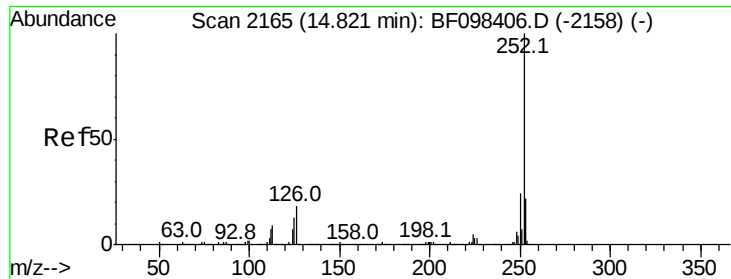


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 122.392 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampled :

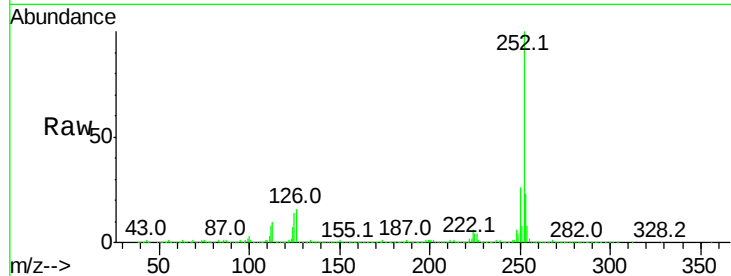
Tot Ion:252 Resp: 2435984

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

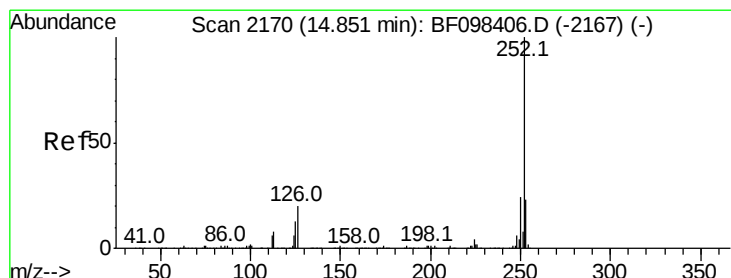
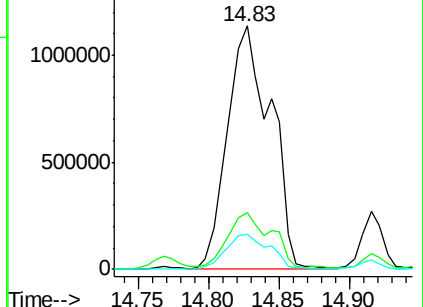
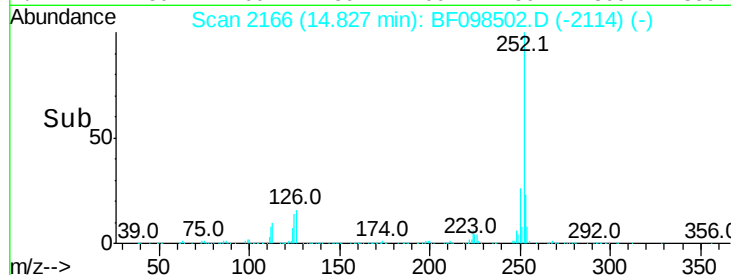
125 14.3 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 131.103 ng

RT: 14.83 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

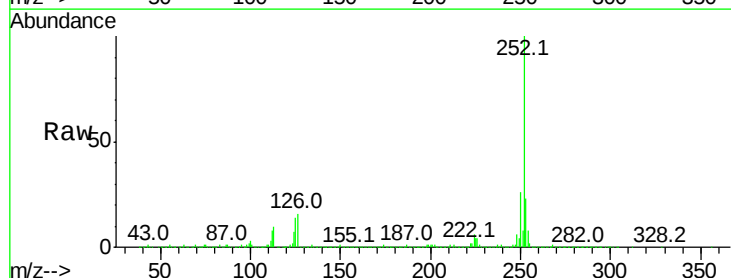
Tgt Ion:252 Resp: 2435984

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

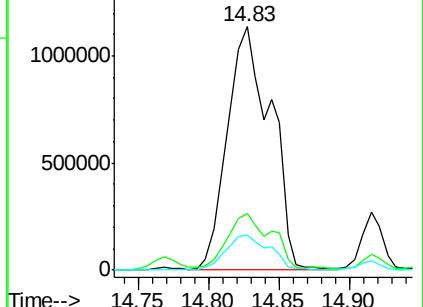
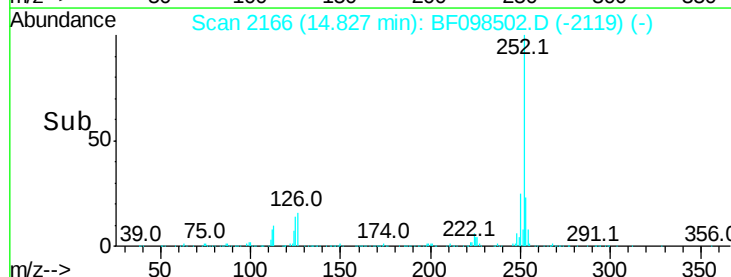
125 14.3 13.1 19.7

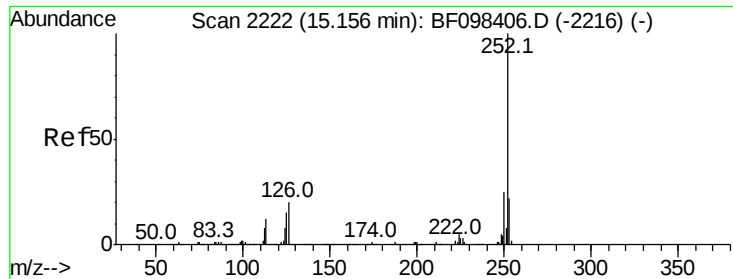


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 66.784 ng

RT: 15.16 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

Instrument :

BNA_F

ClientSampleId :

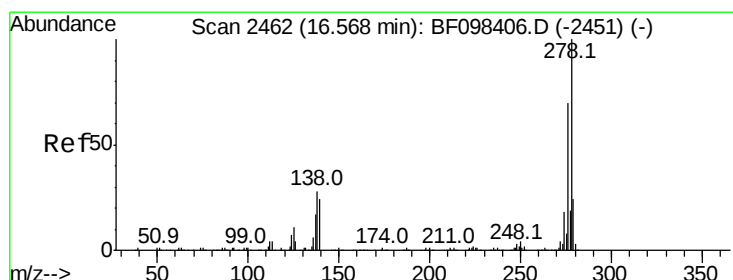
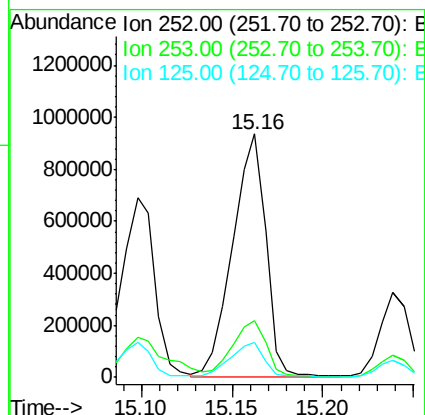
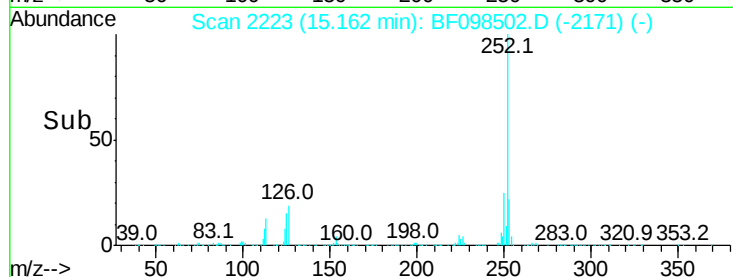
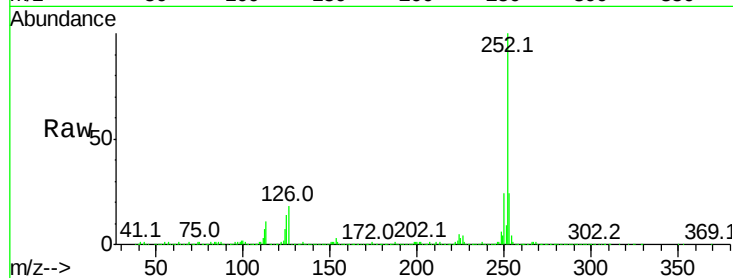
Tot Ion:252 Resp: 1184177

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	14.4	11.0	16.4

252 100

253 23.5 17.5 26.3

125 14.4 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 8.449 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.14 min

Lab File: BF098502.D

Acq: 13 Sep 2017 21:10

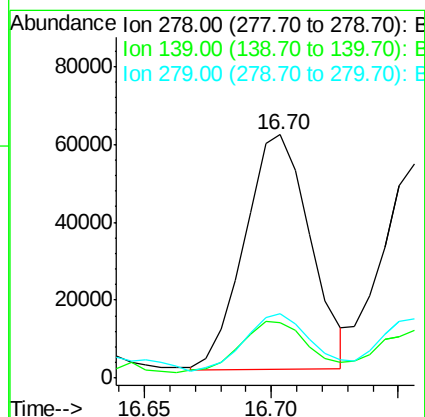
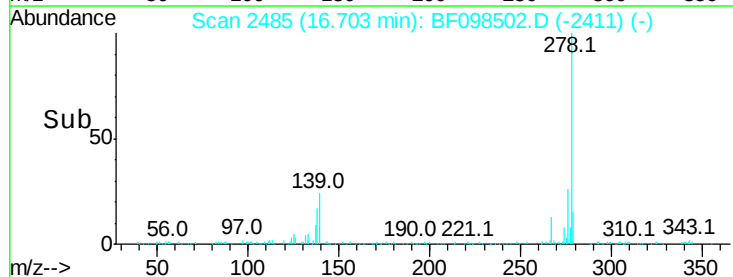
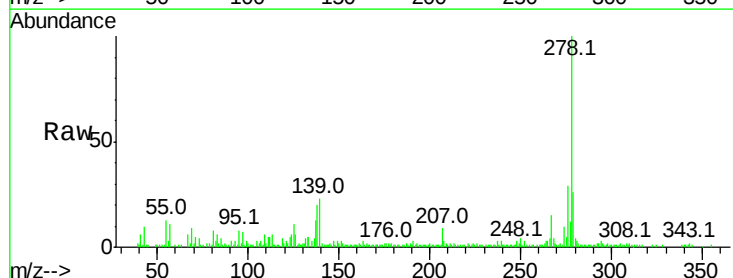
Tgt Ion:278 Resp: 108981

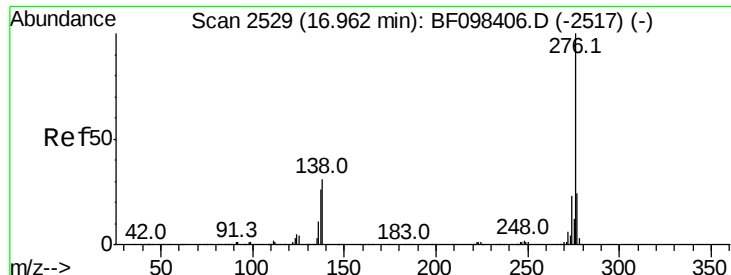
Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	26.4	19.3	28.9

278 100

139 23.0 16.6 24.8

279 26.4 19.3 28.9

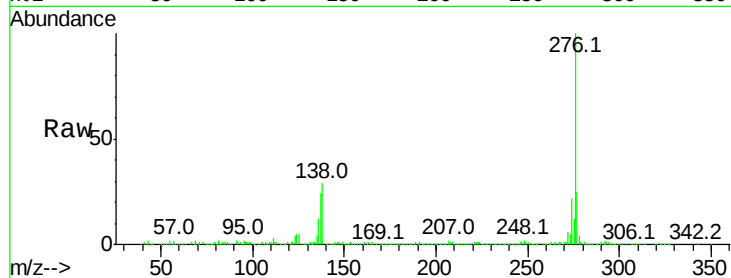




#91
 Benzo(a,h,i)perylene
 Concen: 41.872 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BF098502.D
 Acq: 13 Sep 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 543234
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.6 28.0
 138 29.0 25.4 38.0



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

