

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098542.D
 Acq On : 14 Sep 2017 21:53
 Operator : SJ/JU
 Sample : I5160-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-8-2

Quant Time: Sep 15 05:02:12 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	6.65	152	137030	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	552336	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	241558	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	381059	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	258570	20.00	ng	-0.02
86) Perylene-d12	15.20	264	298660	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1192122	128.63	ng	-0.02
7) Phenol-d6	6.30	99	1467361	124.70	ng	-0.02
23) Nitrobenzene-d5	7.22	82	894347	90.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	236204	146.51	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1483805	104.11	ng	-0.02
78) Terphenyl-d14	12.74	244	913475	76.25	ng	-0.02

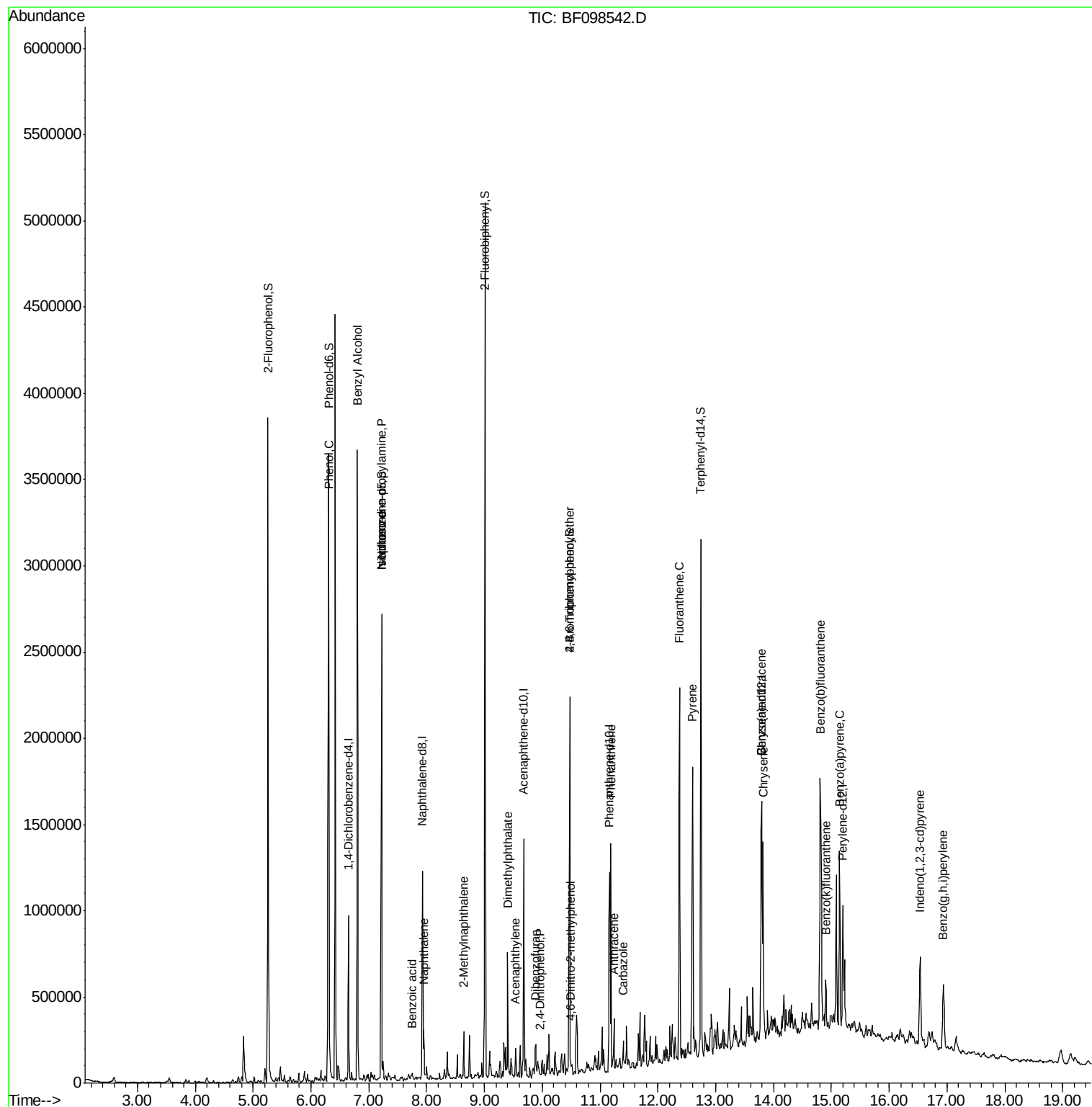
Target Compounds					Qvalue	
10) Phenol	6.32	94	31850	2.330	ng	86
15) Benzyl Alcohol	6.80	79	17062	2.179	ng	# 35
19) n-Nitroso-di-n-propylamine	7.22	70	122485	16.548	ng	# 79
25) Isophorone	7.22	82	882152	44.008	ng	# 67
31) Naphthalene	7.95	128	106418	3.897	ng	99
32) Benzoic acid	7.76	122	3185	8.425	ng	# 45
37) 2-Methylnaphthalene	8.65	142	77085	4.661	ng	99
48) Acenaphthylene	9.54	152	51464	2.242	ng	# 95
49) Dimethylphthalate	9.40	163	214186	11.455	ng	99
53) 2,4-Dinitrophenol	9.96	184	1043	9.038	ng	# 4
54) Dibenzofuran	9.89	168	39444	2.052	ng	# 95
64) 4,6-Dinitro-2-methylphenol	10.50	198	1023	5.357	ng	95
66) 4-Bromophenyl-phenylether	10.47	248	18535	5.125	ng	# 1
70) Phenanthrene	11.19	178	449096	22.231	ng	98
71) Anthracene	11.24	178	118130	5.696	ng	98
72) Carbazole	11.40	167	55075	2.849	ng	96
74) Fluoranthene	12.37	202	806816	39.896	ng	99
77) Pyrene	12.60	202	707600	34.690	ng	98
80) Benzo(a)anthracene	13.79	228	449411	29.646	ng	98
82) Chrysene	13.82	228	437450	28.547	ng	97
85) Indeno(1,2,3-cd)pyrene	16.54	276	305673	28.432	ng	# 91
87) Benzo(b)fluoranthene	14.81	252	972818	51.804	ng	99
88) Benzo(k)fluoranthene	14.90	252	112222	6.401	ng	96
89) Benzo(a)pyrene	15.14	252	456944	27.313	ng	97
91) Benzo(g,h,i)perylene	16.94	276	279495	22.833	ng	96

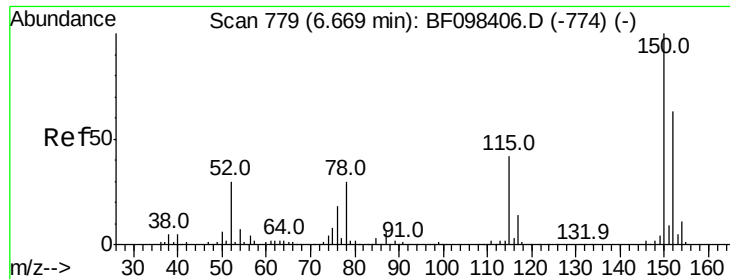
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
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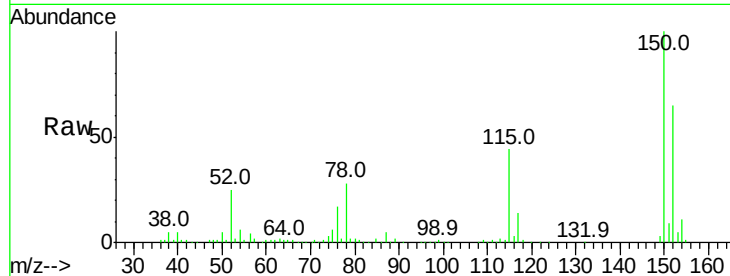


#1

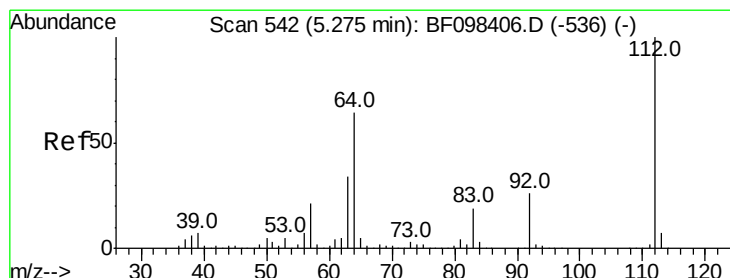
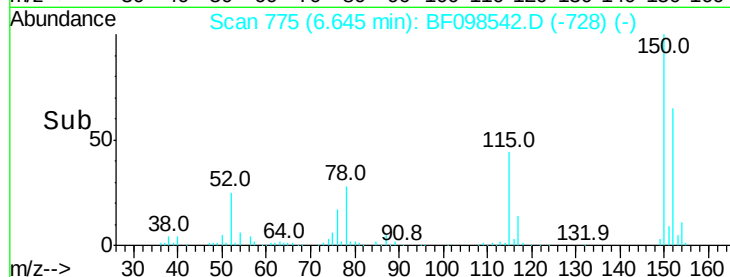
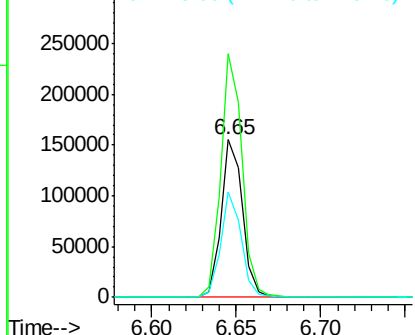
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tot Ion:152 Resp: 137030
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 67.2 52.2 78.2



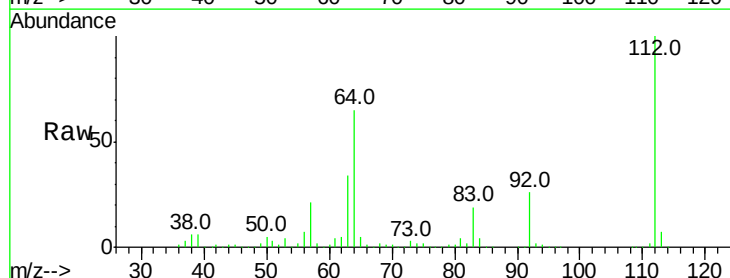
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



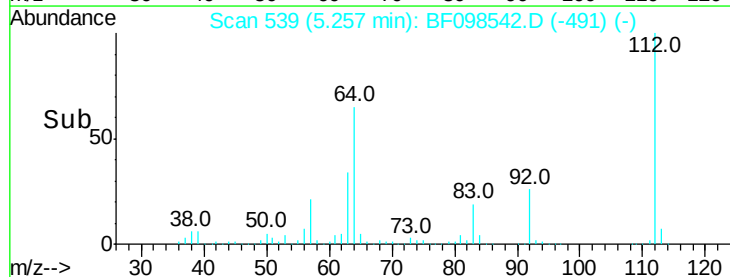
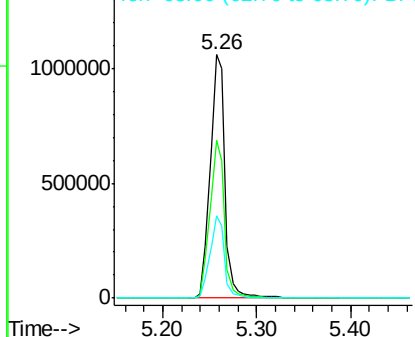
#5

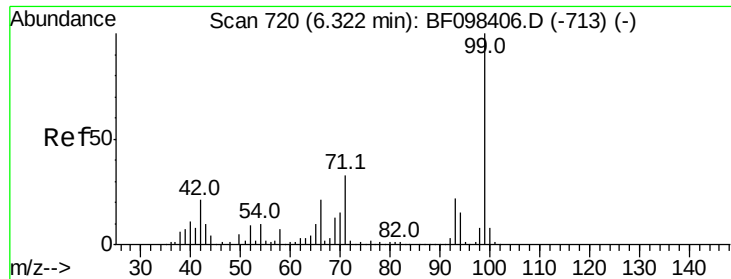
2-Fluorophenol
Concen: 128.627 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:112 Resp: 1192122
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.6 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: 124.698 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

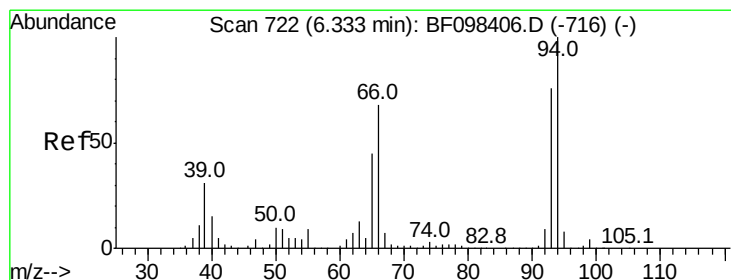
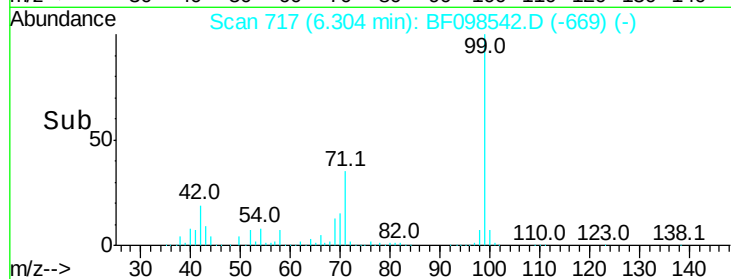
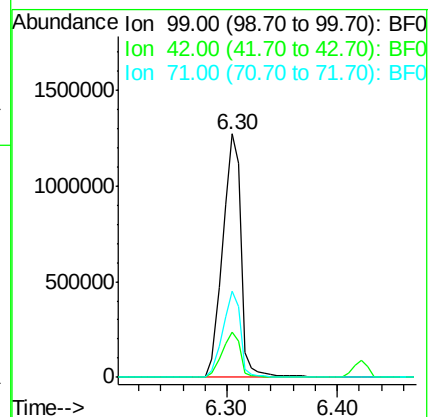
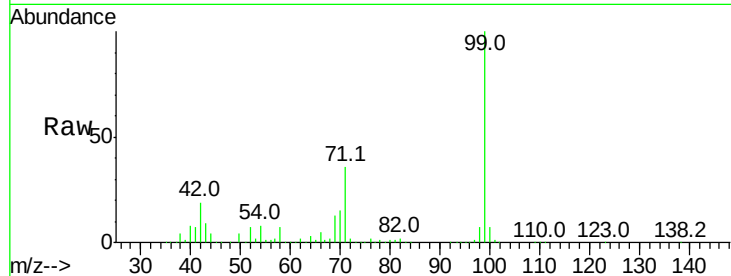
Tot Ion: 99 Resp: 1467361

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

71 35.5 24.5 36.7



#10

Phenol

Concen: 2.330 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

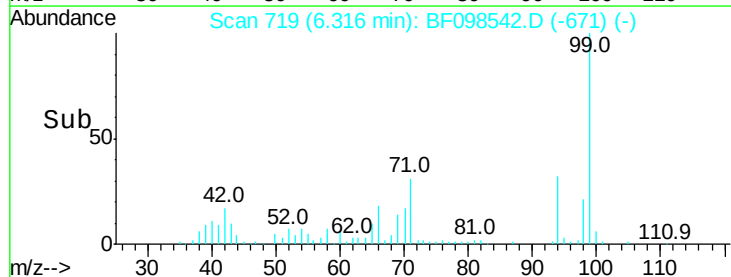
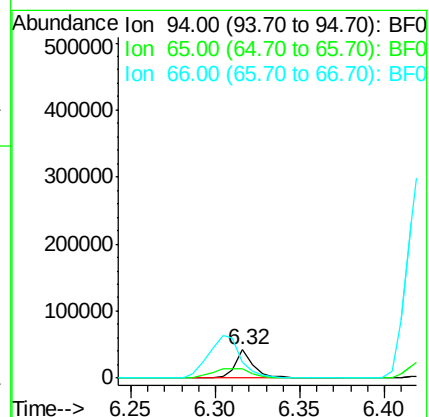
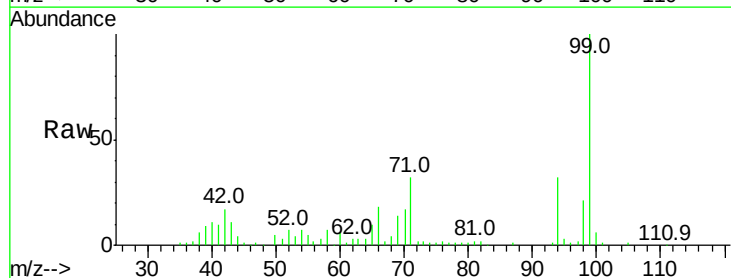
Tgt Ion: 94 Resp: 31850

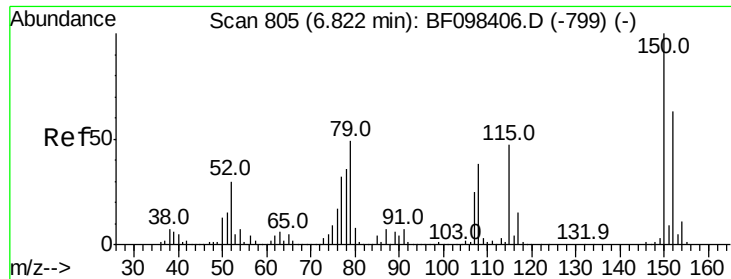
Ion Ratio Lower Upper

94 100

65 32.2 9.9 49.9

66 56.1 23.1 63.1

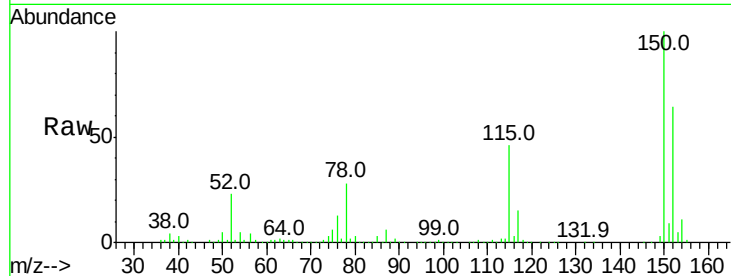




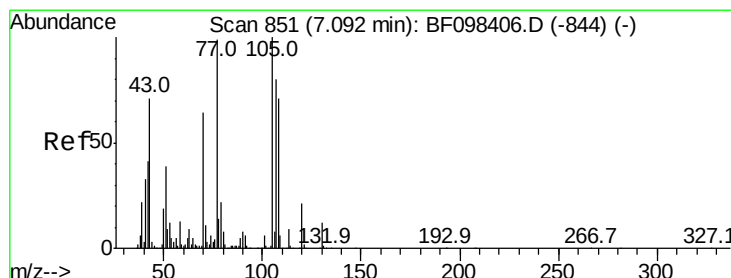
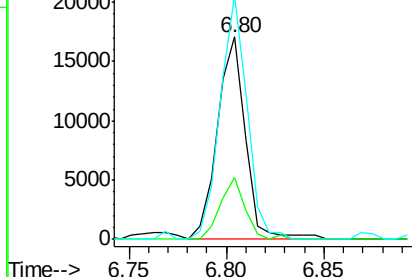
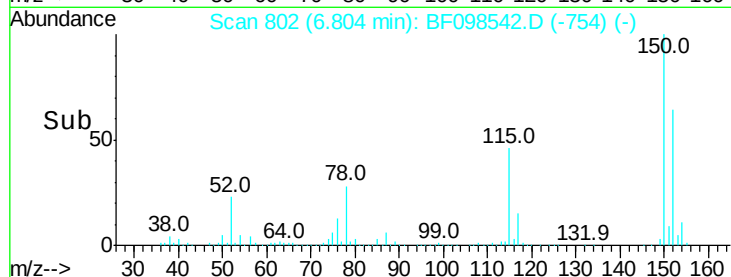
#15
Benzyl Alcohol
Concen: 2.179 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampled :
G-8-2

Tot Ion: 79 Resp: 17062
Ion Ratio Lower Upper
79 100
108 30.7 63.4 95.0#
77 120.4 49.2 73.8#

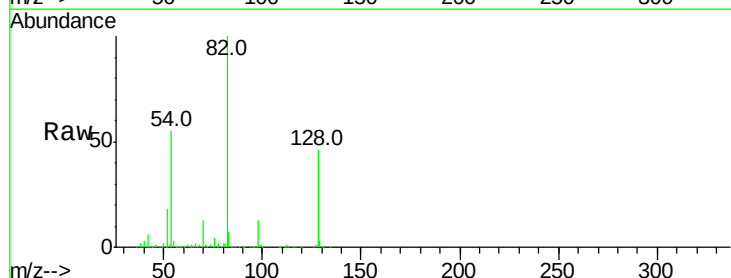


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

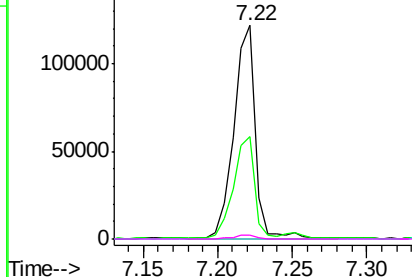
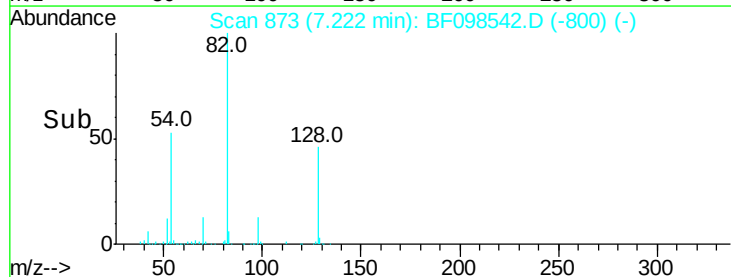


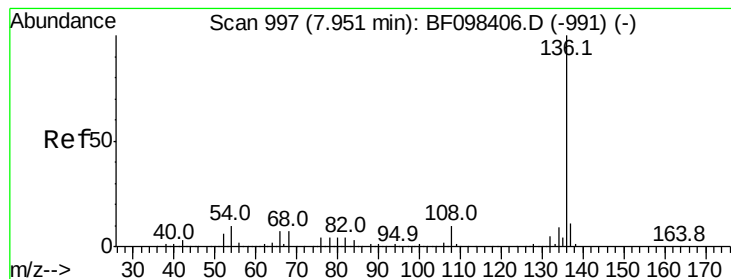
#19
n-Nitroso-di-n-propylamine
Concen: 16.548 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion: 70 Resp: 122485
Ion Ratio Lower Upper
70 100
42 48.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

Tot Ion:136 Resp: 552336

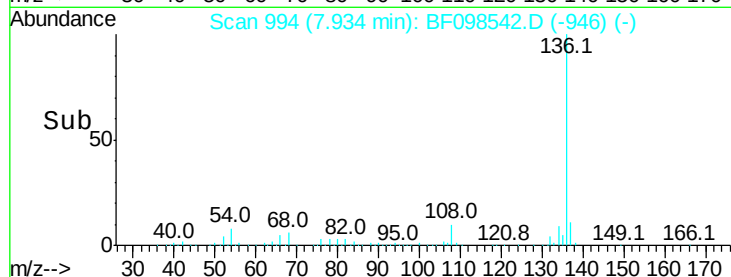
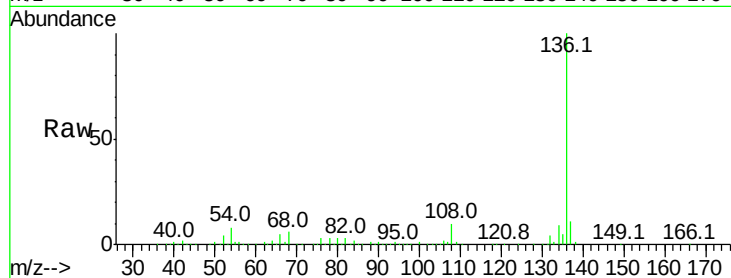
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.5 4.9 7.3#

68 5.5 4.1 6.1

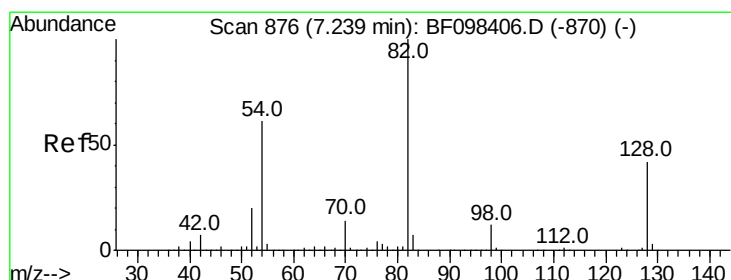
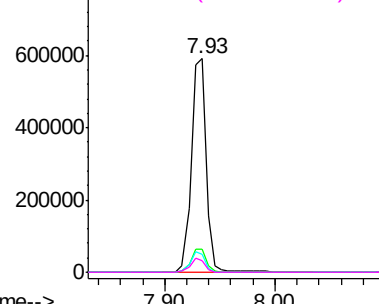


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.270 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

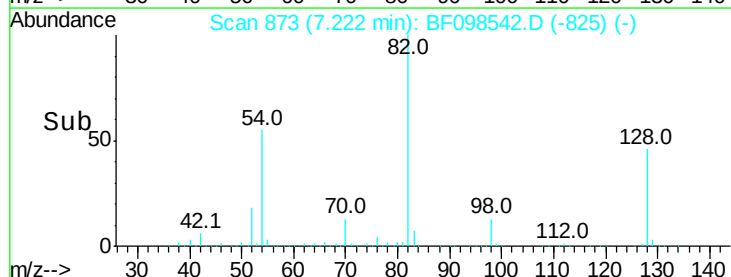
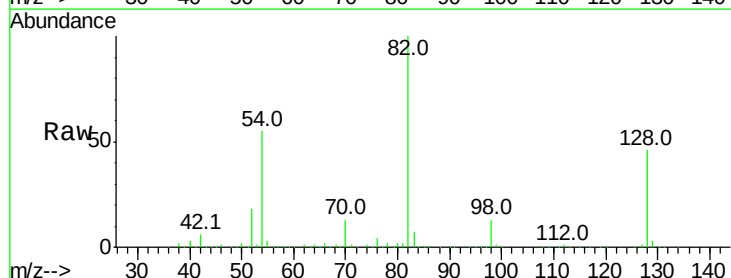
Tgt Ion: 82 Resp: 894347

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

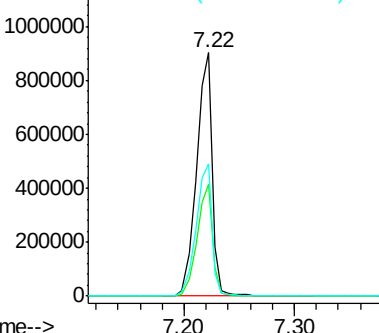
54 54.5 42.2 63.2

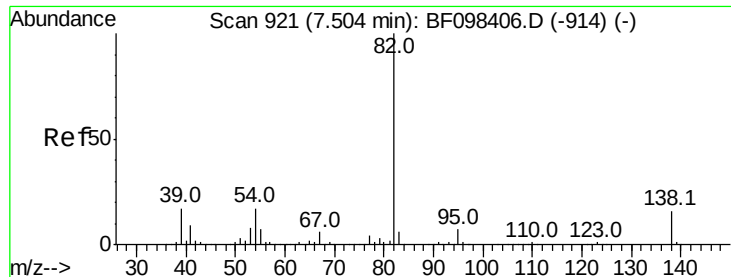


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.008 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

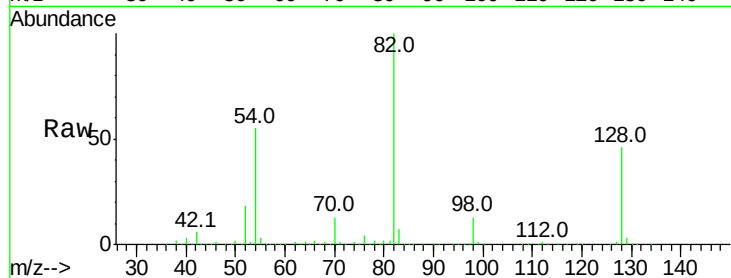
Tot Ion: 82 Resp: 882152

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

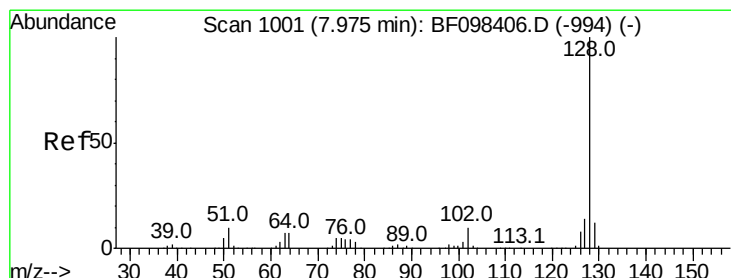
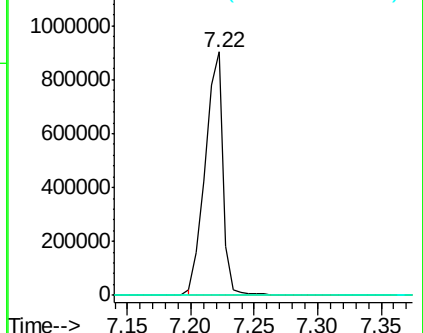
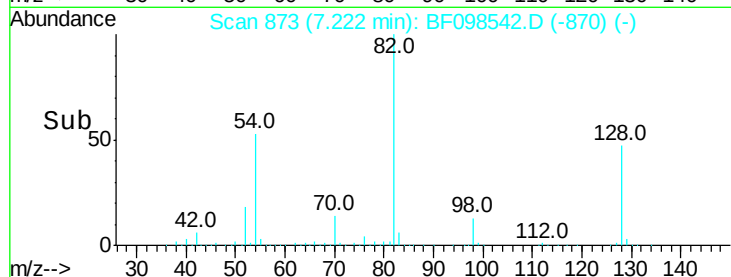
138 0.0 13.1 19.7#



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: 3.897 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

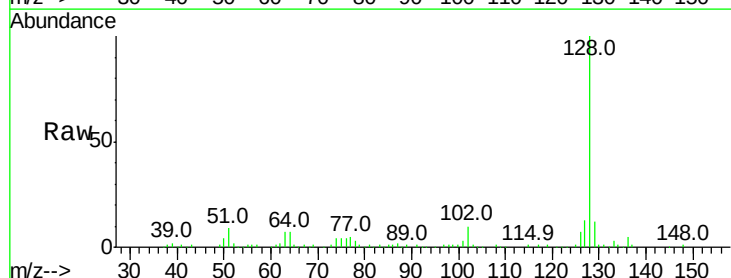
Tgt Ion: 128 Resp: 106418

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

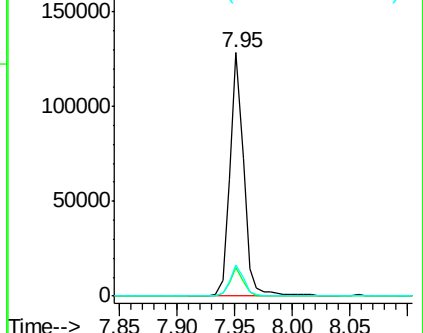
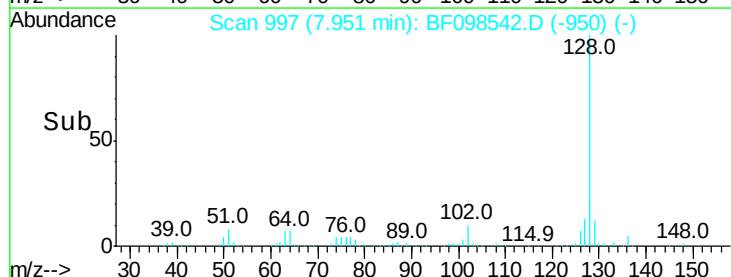
127 13.0 10.8 16.2

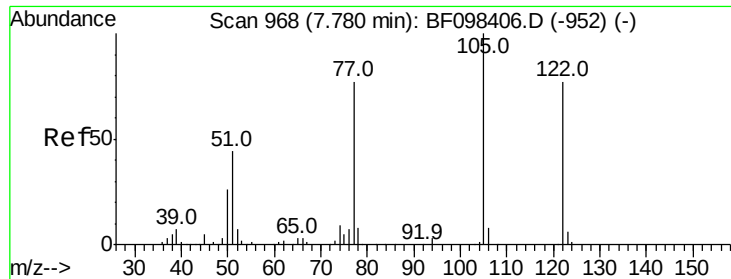


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

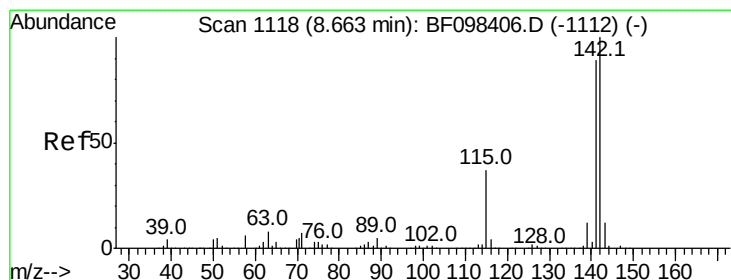
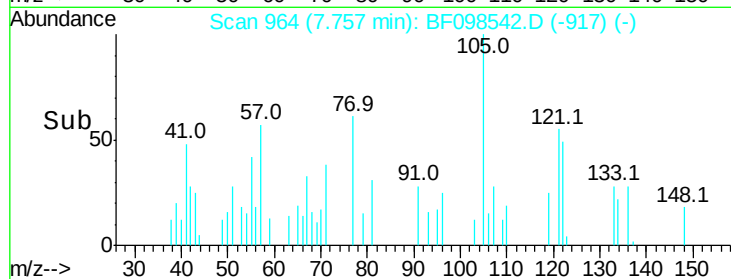
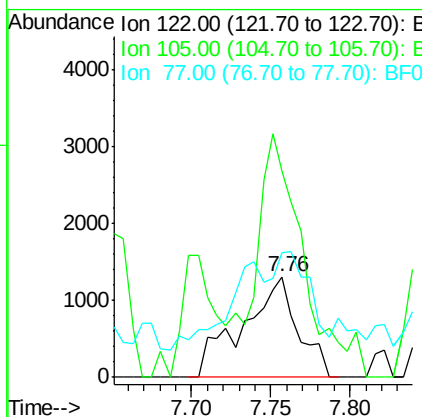
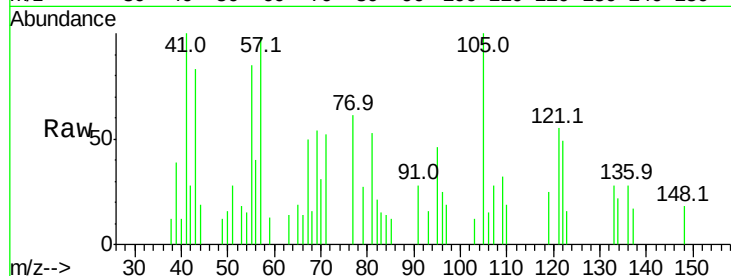




#32
Benzoic acid
Concen: 8.425 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

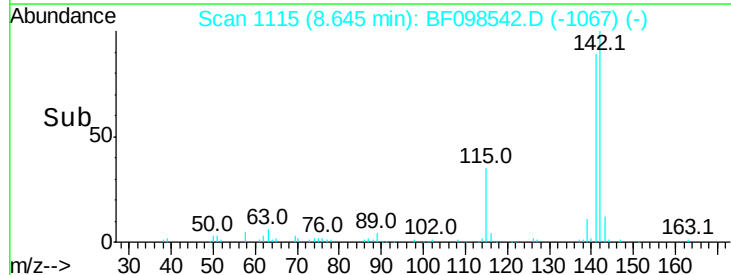
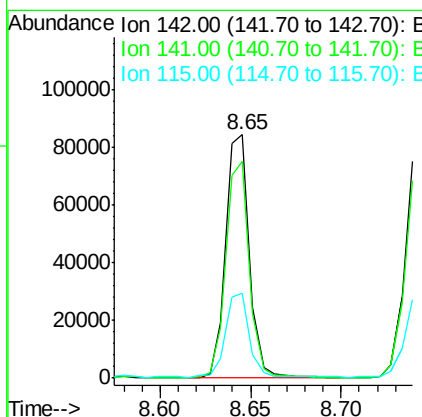
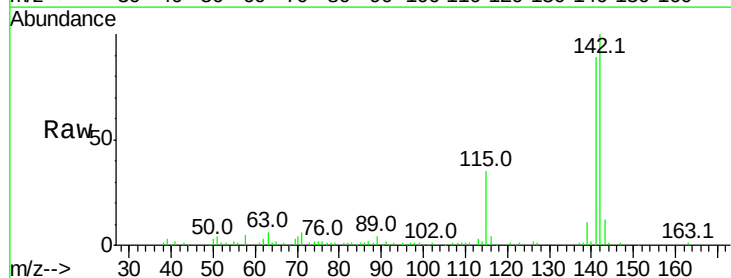
Instrument :
BNA_F
ClientSampleId :
G-8-2

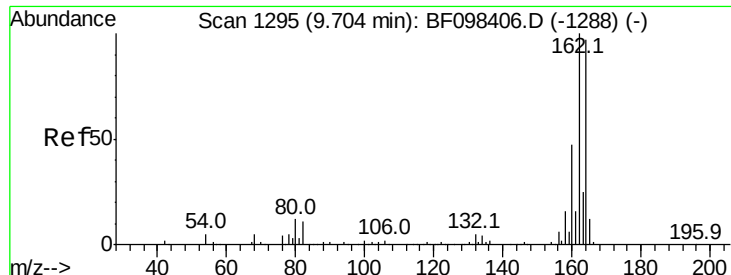
Tot Ion:122 Resp: 3185
Ion Ratio Lower Upper
122 100
105 205.9 103.3 143.3#
77 124.8 73.7 113.7#



#37
2-Methylnaphthalene
Concen: 4.661 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:142 Resp: 77085
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 34.9 27.1 40.7

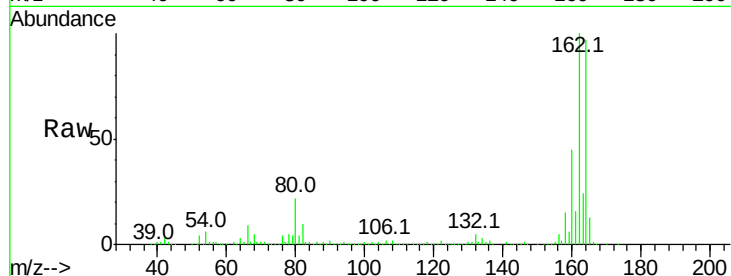




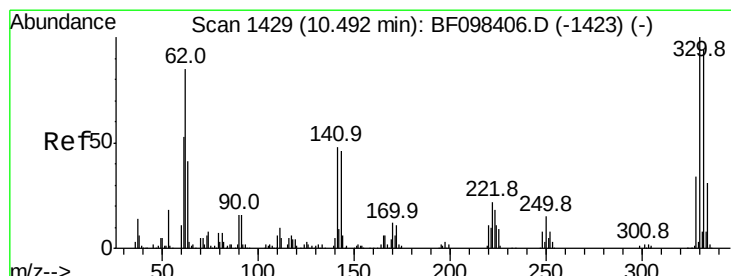
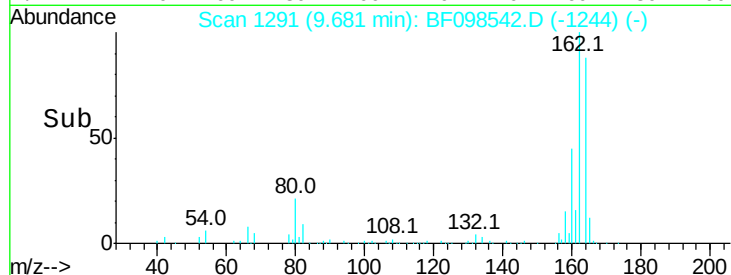
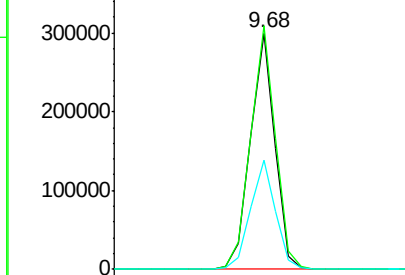
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF098542.D
 Acq: 14 Sep 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 G-8-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	46.4	36.2	54.2

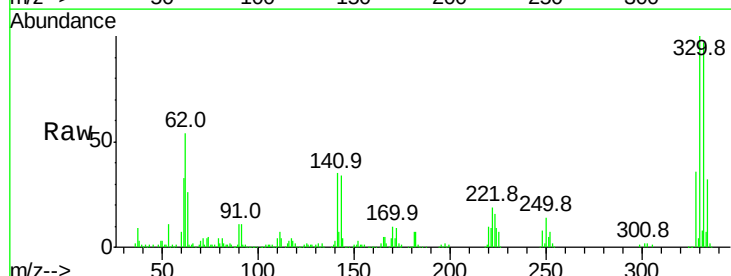


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

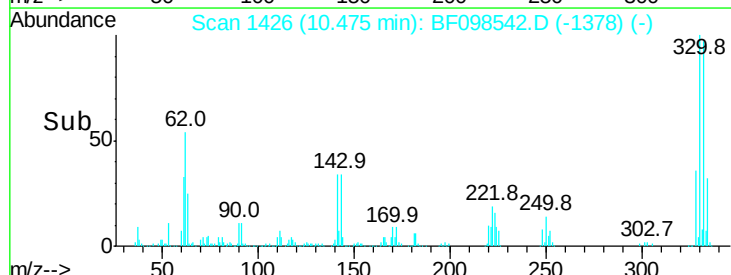
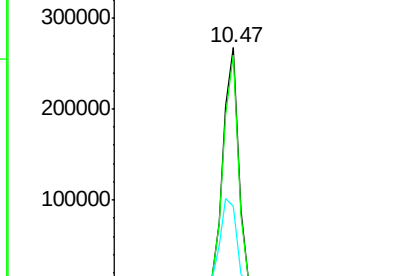


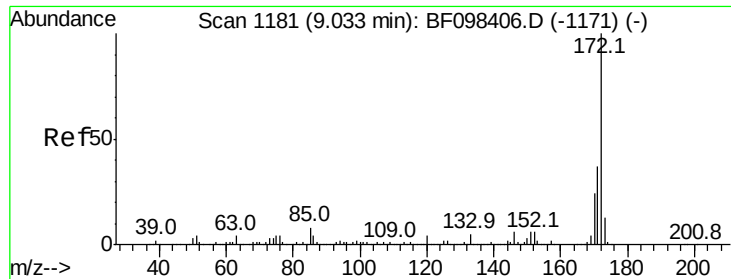
#41
 2,4,6-Tribromophenol
 Concen: 146.510 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098542.D
 Acq: 14 Sep 2017 21:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	45.4	31.4	47.2



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



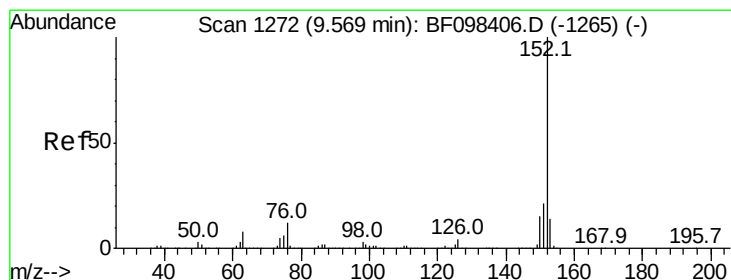
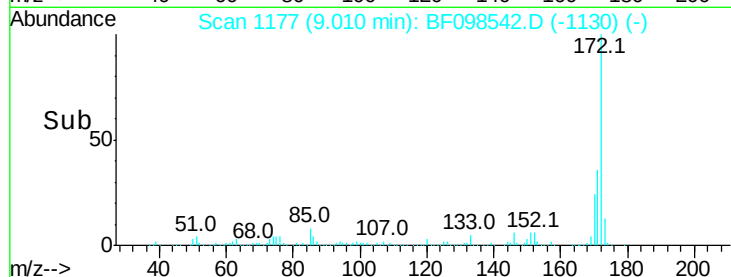
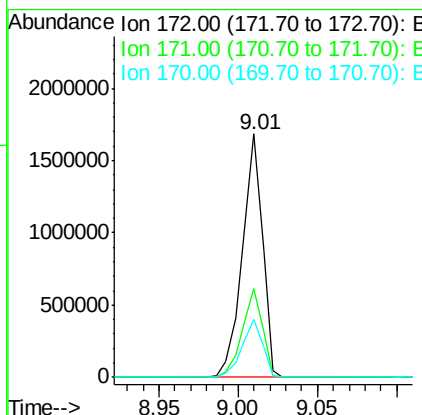
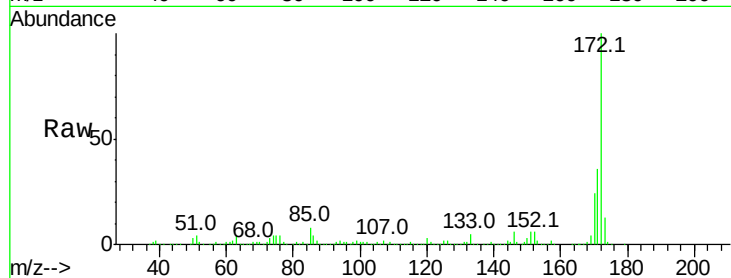


#44
 2-Fluorobiphenyl
 Concen: 104.113 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098542.D
 Acq: 14 Sep 2017 21:53

Instrument :
 BNA_F
 ClientSampleId :
 G-8-2

Tot Ion:172 Resp: 1483805

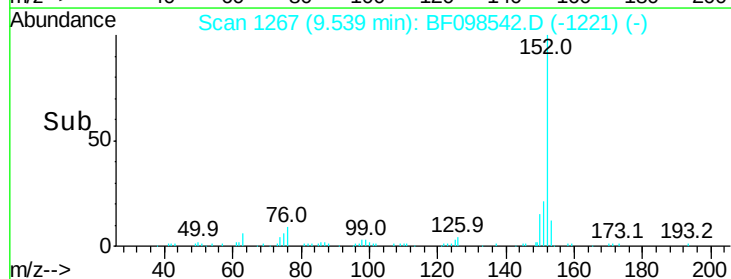
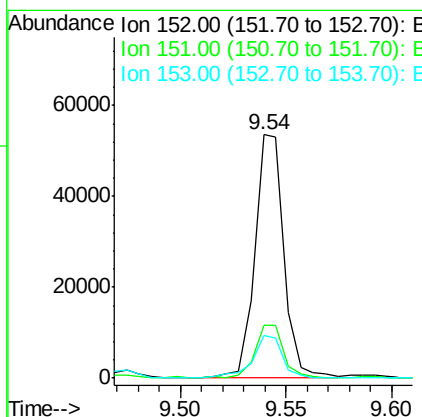
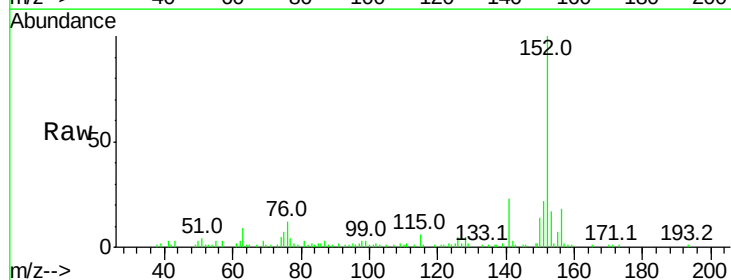
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

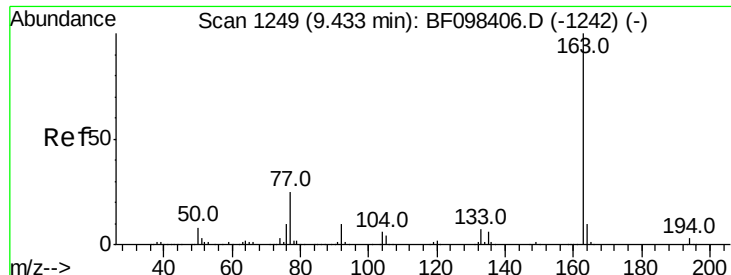


#48
 Acenaphthylene
 Concen: 2.242 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.03 min
 Lab File: BF098542.D
 Acq: 14 Sep 2017 21:53

Tgt Ion:152 Resp: 51464

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	17.4	10.8	16.2#

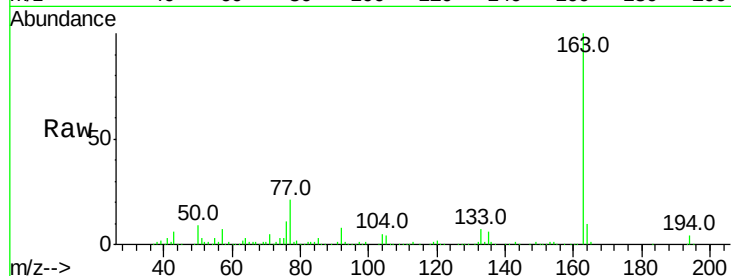




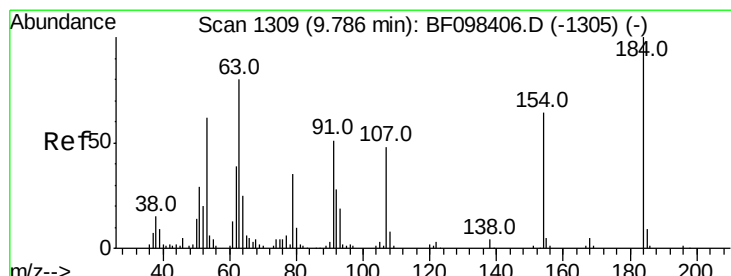
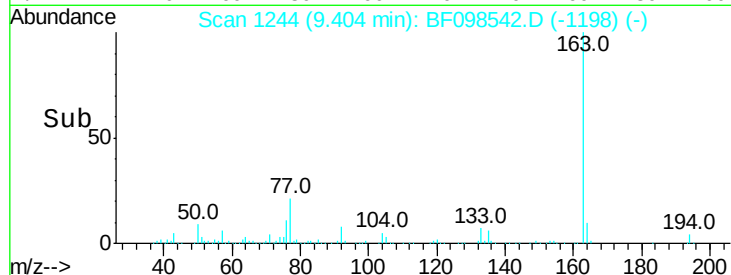
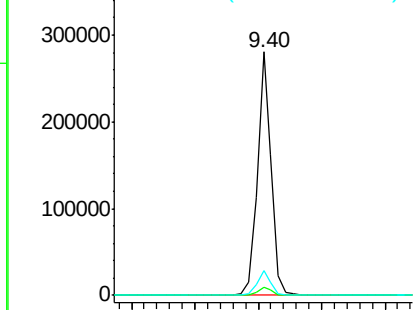
#49
Dimethylphthalate
Concen: 11.455 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampleId :
G-8-2

Tot Ion:163 Resp: 214186
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

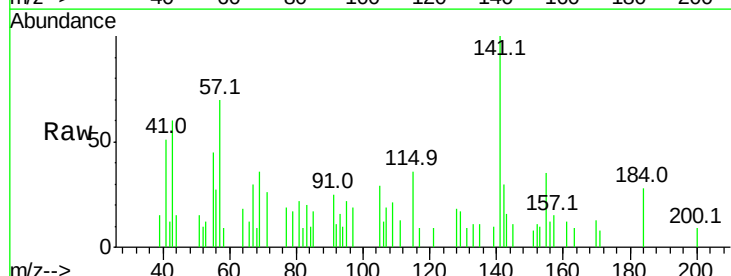


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

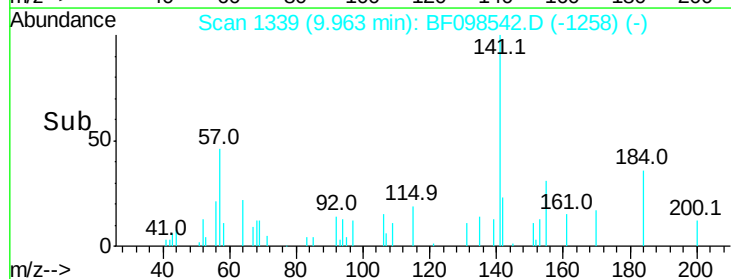
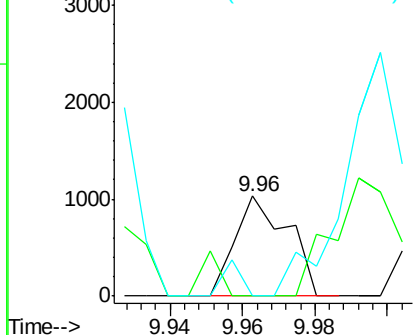


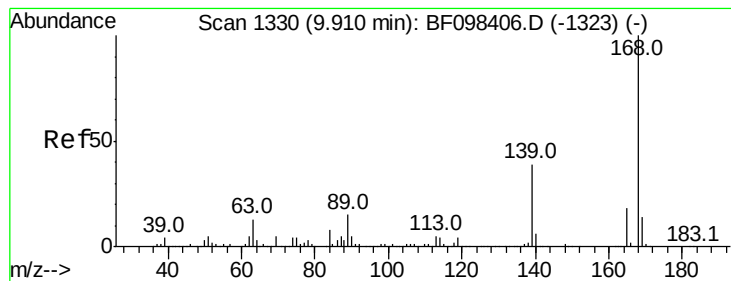
#53
2,4-Dinitrophenol
Concen: 9.038 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.18 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:184 Resp: 1043
Ion Ratio Lower Upper
184 100
63 0.0 62.7 94.1#
154 0.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.052 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

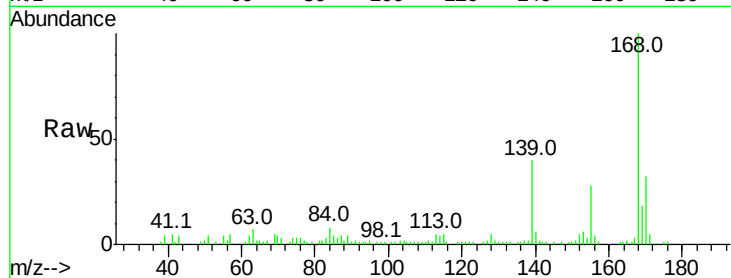
Tot Ion:168 Resp: 39444

Ion Ratio Lower Upper

168 100

139 39.9 30.6 45.8

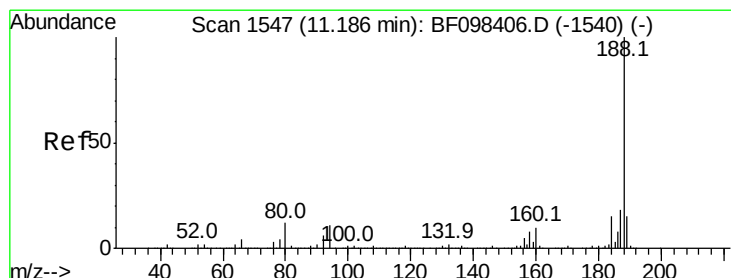
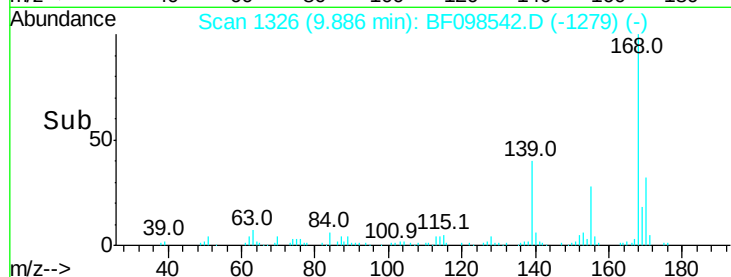
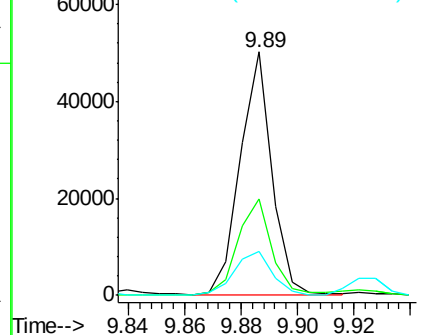
169 18.2 10.8 16.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

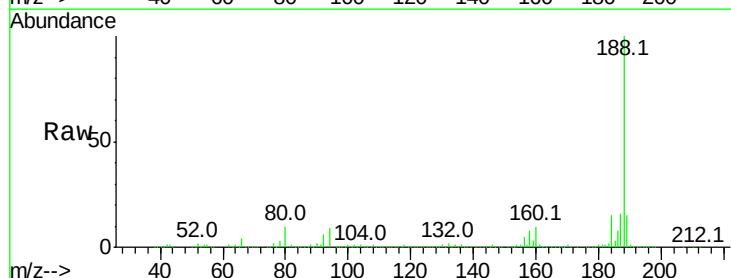
Tgt Ion:188 Resp: 381059

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

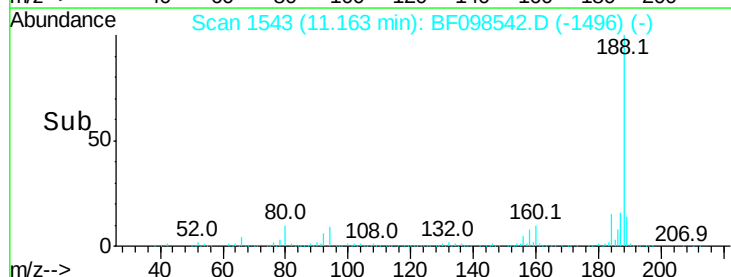
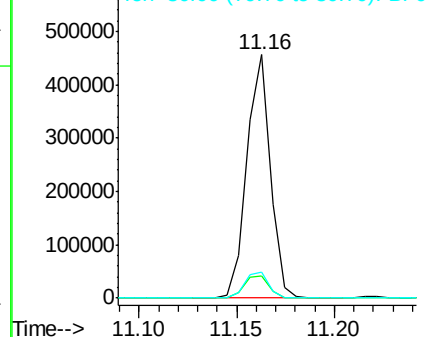
80 10.4 10.2 15.2

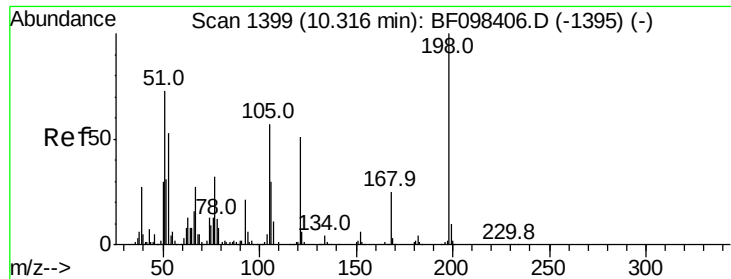


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

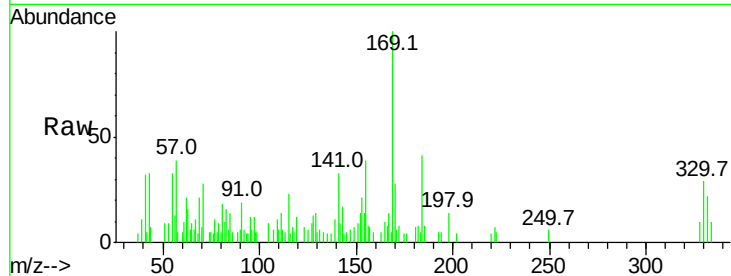




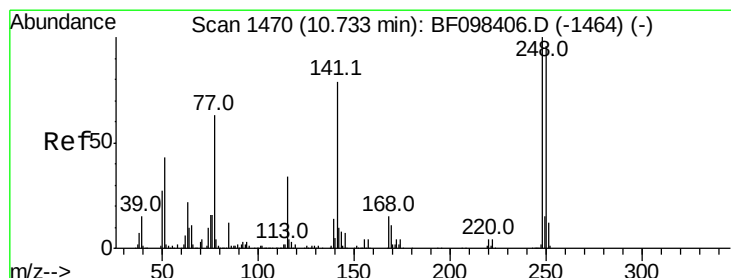
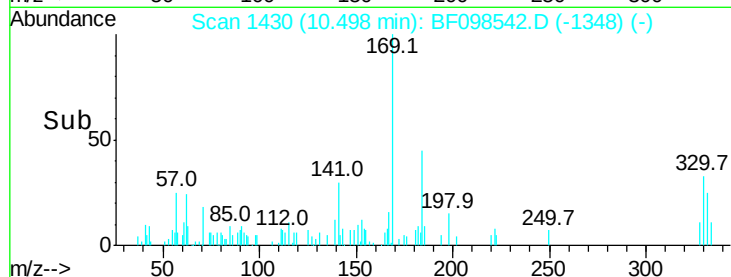
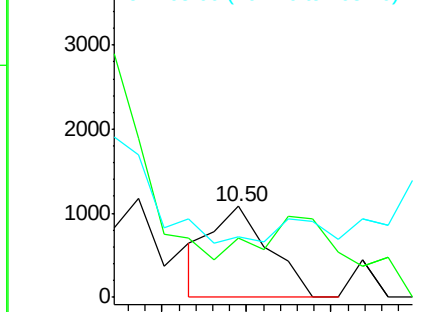
#64
4,6-Dinitro-2-methylphenol
Concen: 5.357 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.18 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Instrument :
BNA_F
ClientSampled :
G-8-2

Tot Ion:198 Resp: 1023
Ion Ratio Lower Upper
198 100
51 65.1 53.2 93.2
105 66.4 45.8 85.8

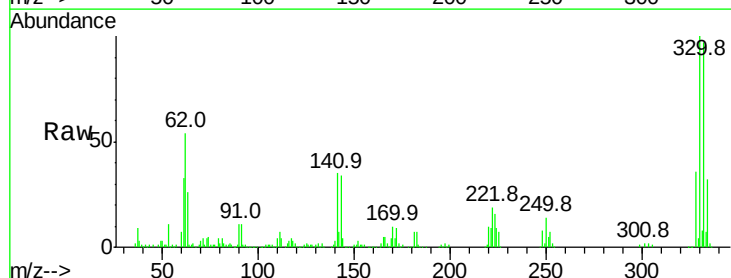


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

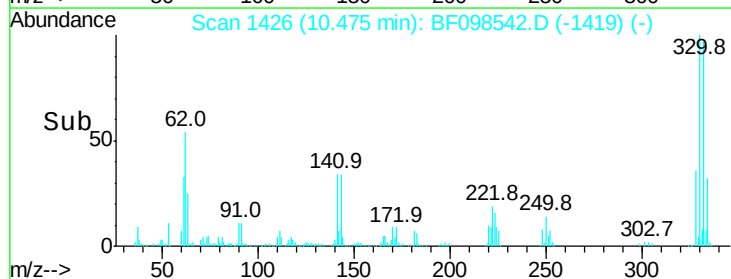
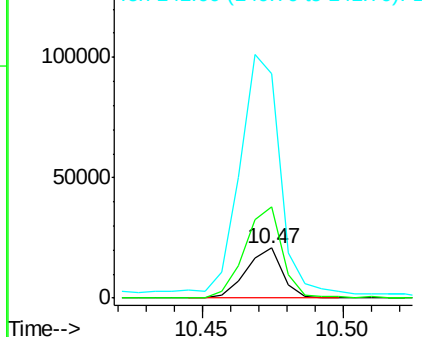


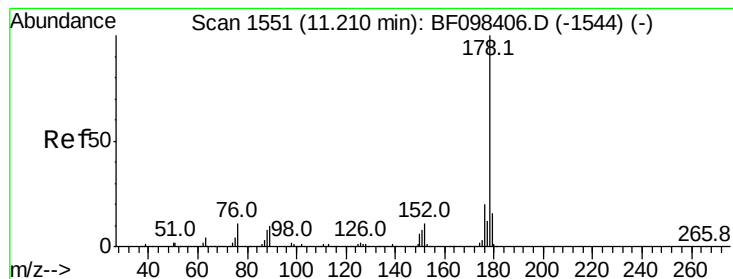
#66
4-Bromophenyl-phenylether
Concen: 5.125 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.26 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:248 Resp: 18535
Ion Ratio Lower Upper
248 100
250 182.4 76.8 115.2#
141 447.9 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: 22.231 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

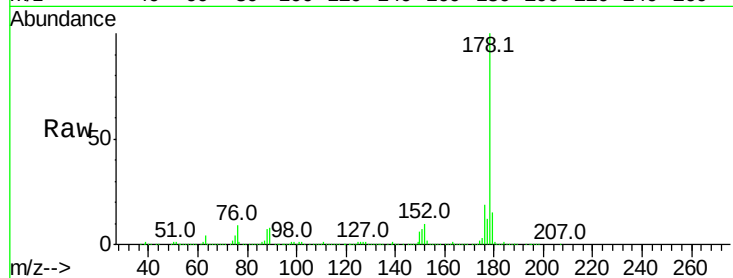
Tot Ion:178 Resp: 449096

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

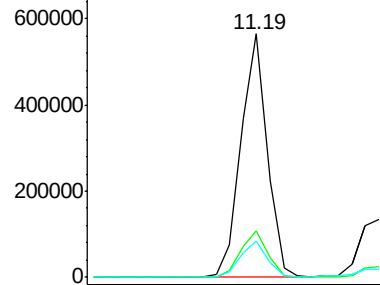
179 15.1 12.6 19.0



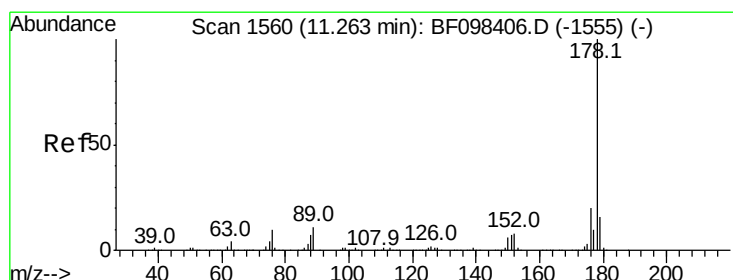
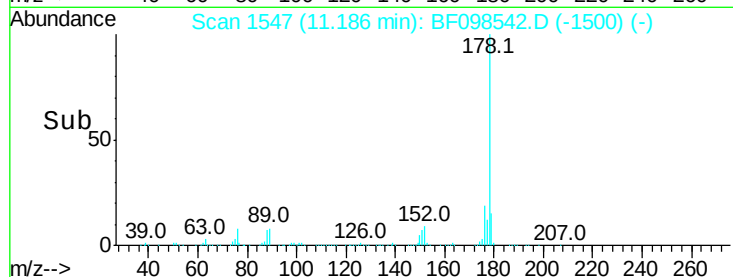
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 5.696 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

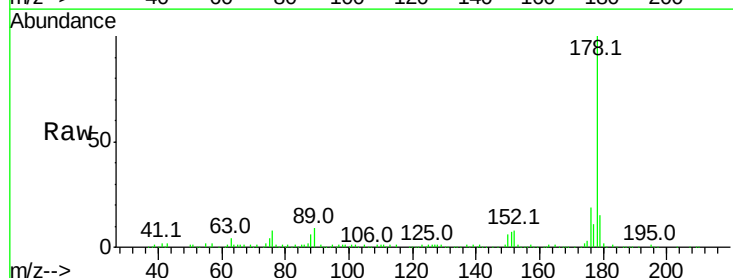
Tgt Ion:178 Resp: 118130

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

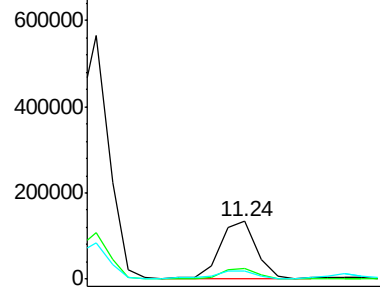
179 14.7 12.7 19.1



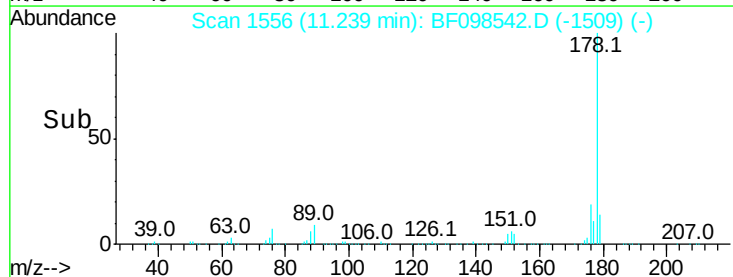
Abundance Ion 178.00 (177.70 to 178.70): E

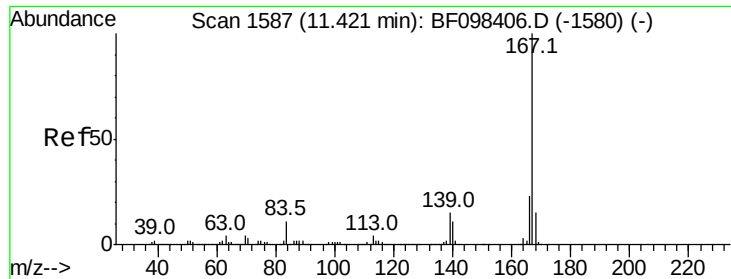
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#72

Carbazole

Concen: 2.849 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

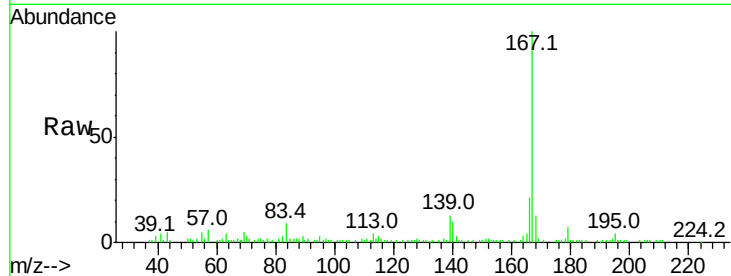
Tot Ion:167 Resp: 55075

Ion Ratio Lower Upper

167 100

166 20.5 18.1 27.1

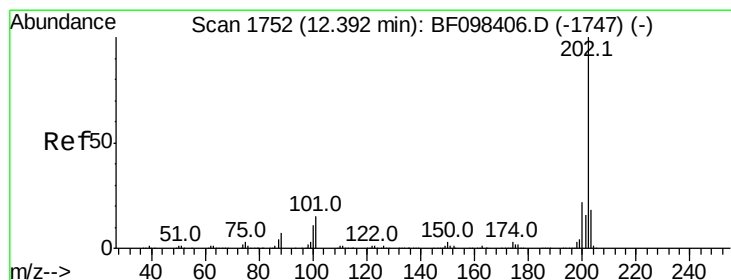
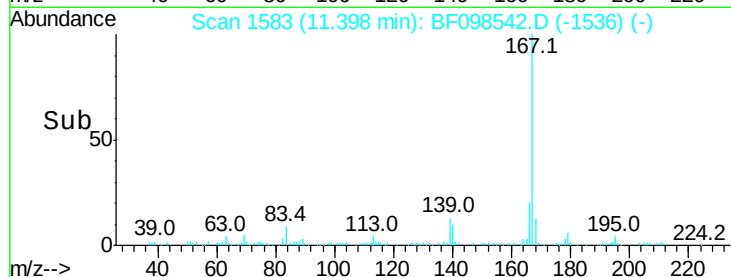
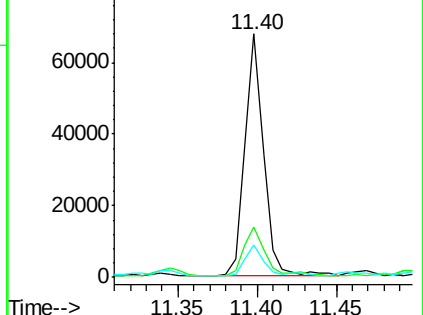
139 13.1 11.7 17.5



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: 39.896 ng

RT: 12.37 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

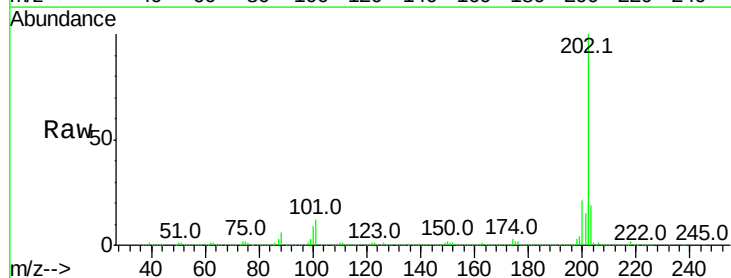
Tgt Ion:202 Resp: 806816

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

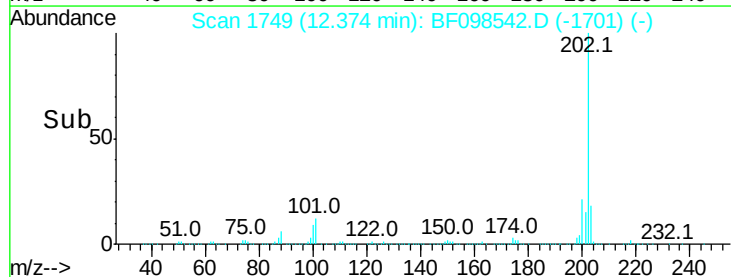
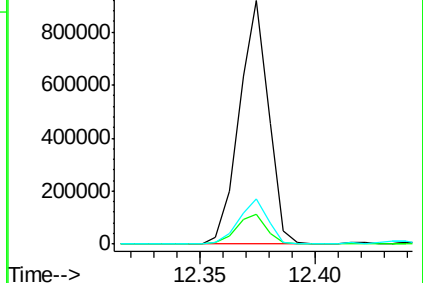
203 18.5 0.0 38.1

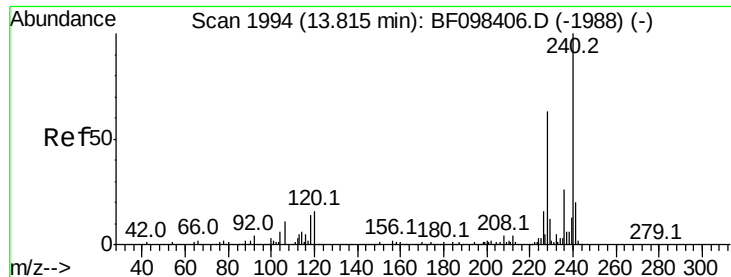


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

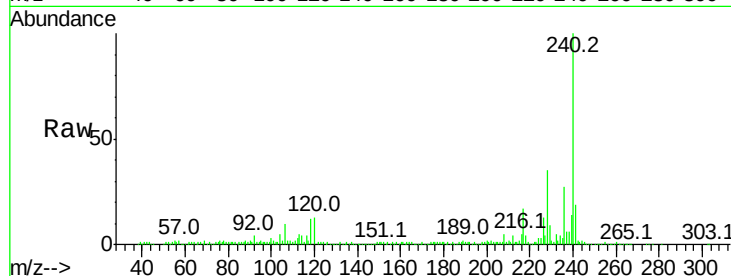
Tot Ion:240 Resp: 258570

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

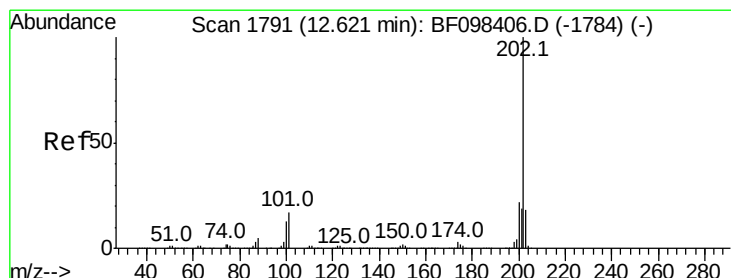
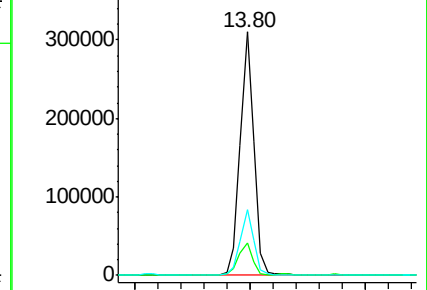
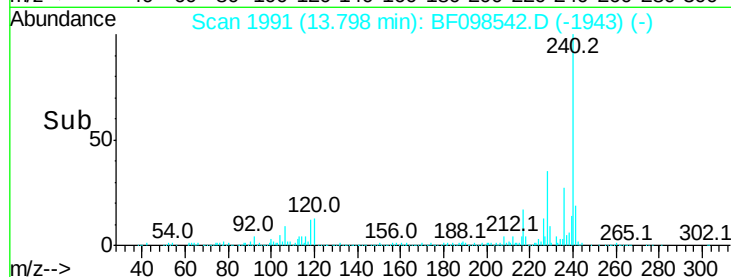
236 26.9 20.5 30.7



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: 34.690 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

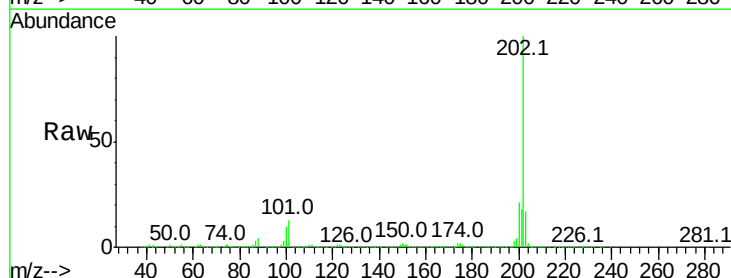
Tgt Ion:202 Resp: 707600

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

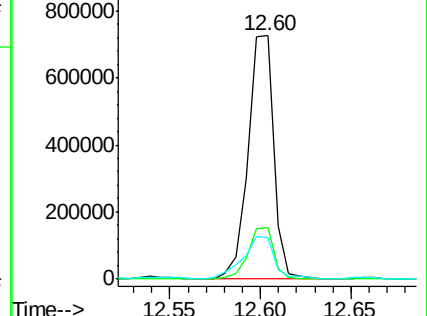
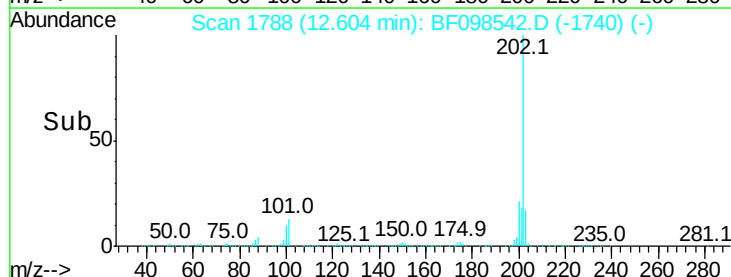
203 17.0 14.4 21.6

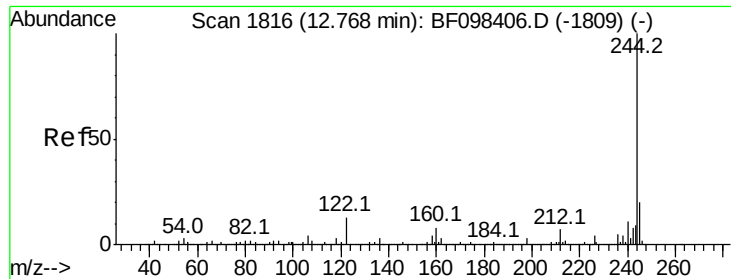


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.254 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

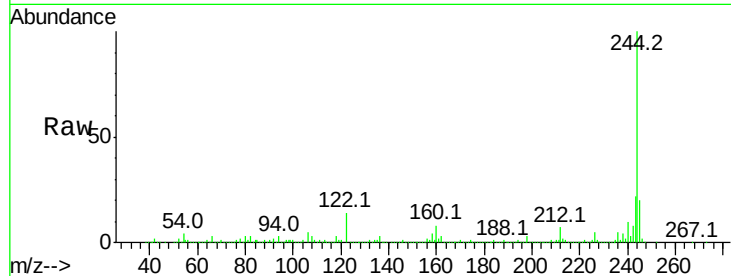
Tot Ion:244 Resp: 913475

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

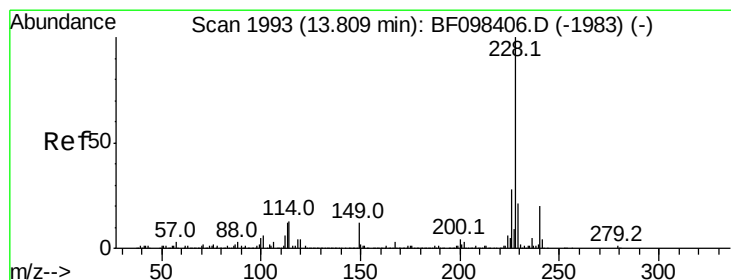
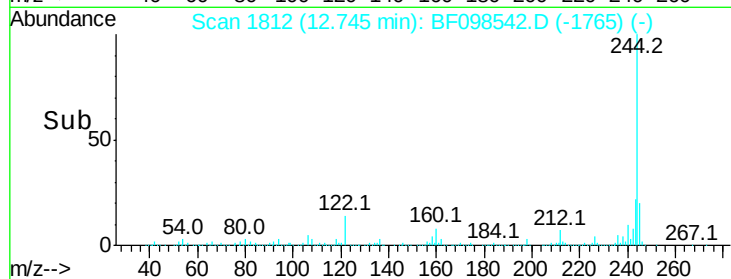
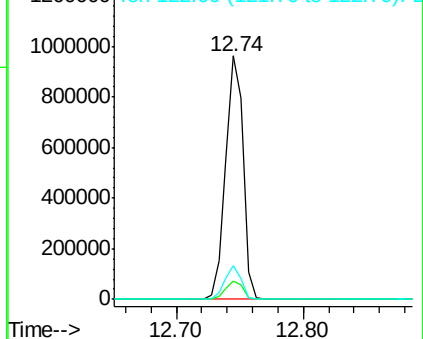
122 13.8 10.3 15.5



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: 29.646 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

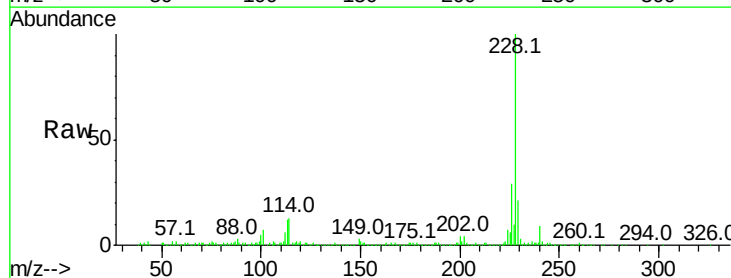
Tgt Ion:228 Resp: 449411

Ion Ratio Lower Upper

228 100

226 29.5 22.6 33.8

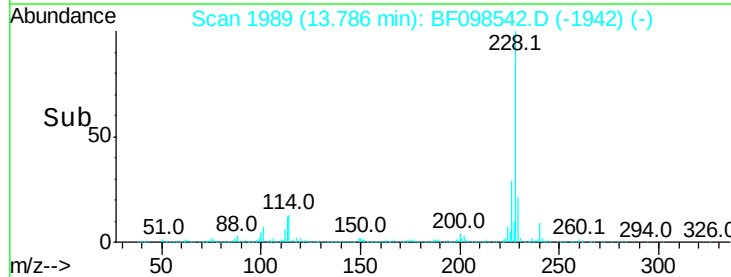
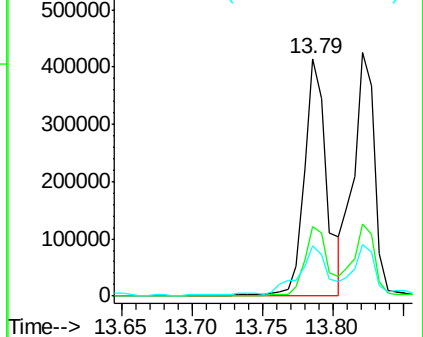
229 21.2 16.3 24.5

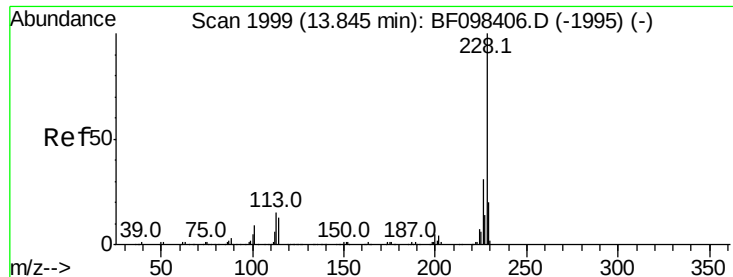


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 28.547 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

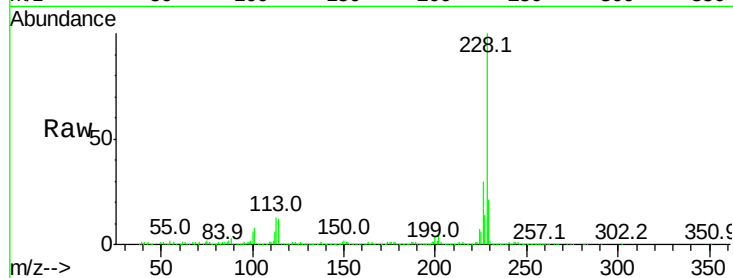
Tot Ion:228 Resp: 437450

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

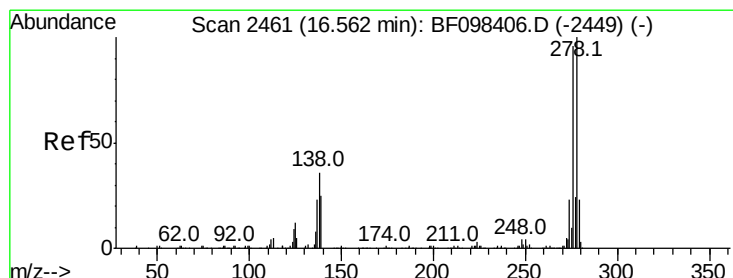
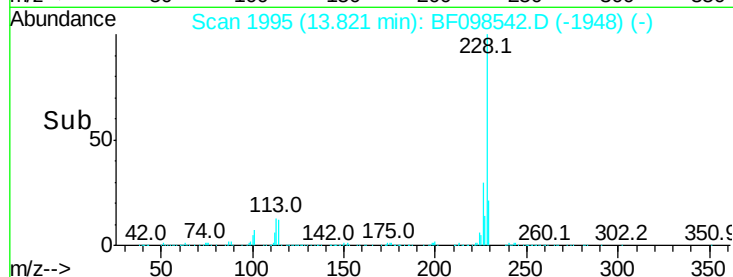
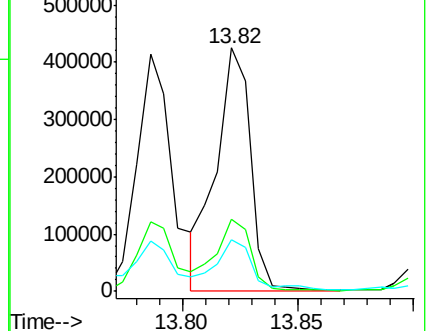
229 21.3 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.432 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

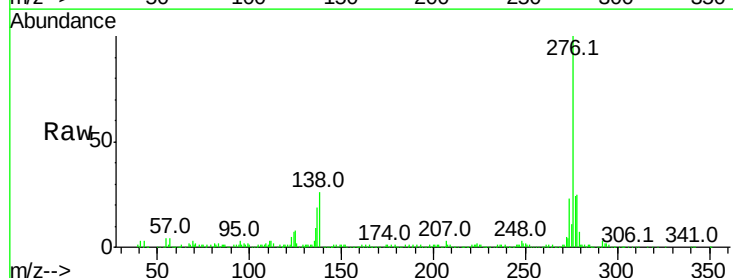
Tgt Ion:276 Resp: 305673

Ion Ratio Lower Upper

276 100

138 27.0 27.8 41.6#

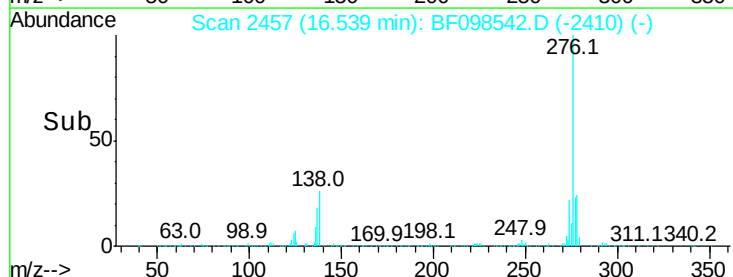
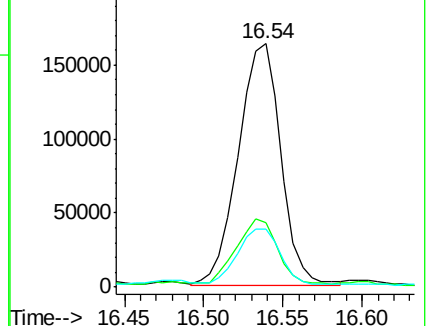
277 23.1 20.2 30.4

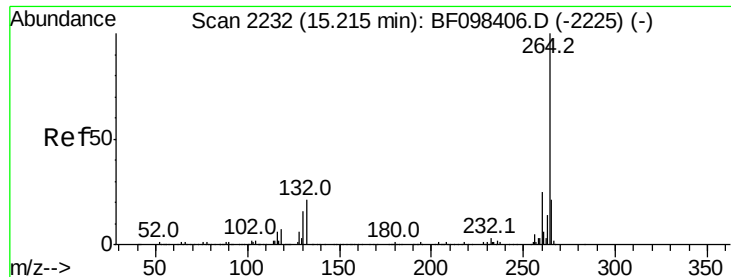


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

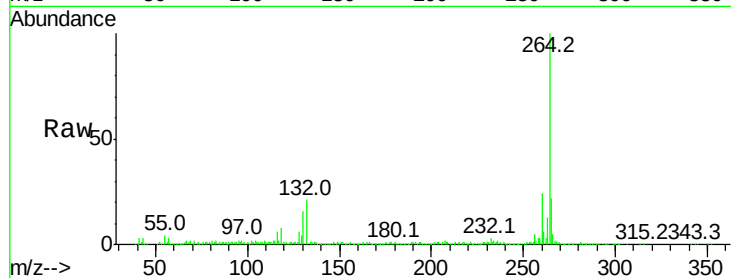
Tot Ion:264 Resp: 298660

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

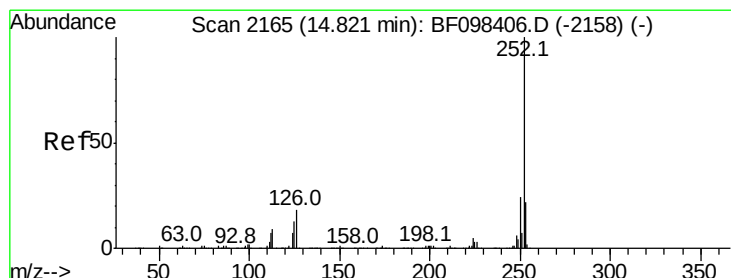
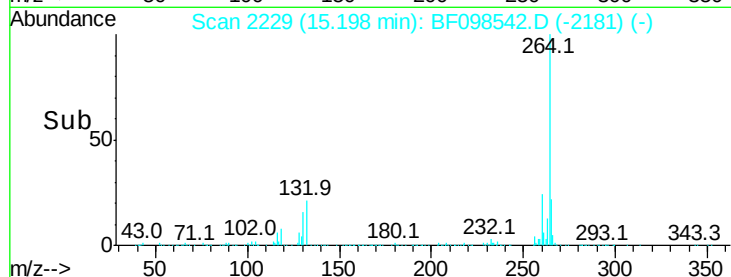
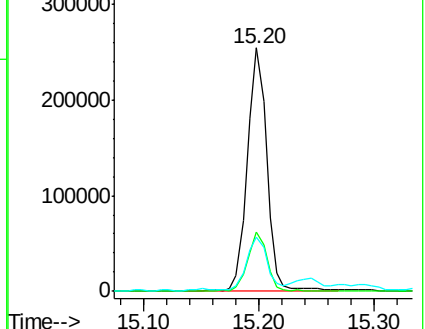
265 22.4 17.2 25.8



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: 51.804 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

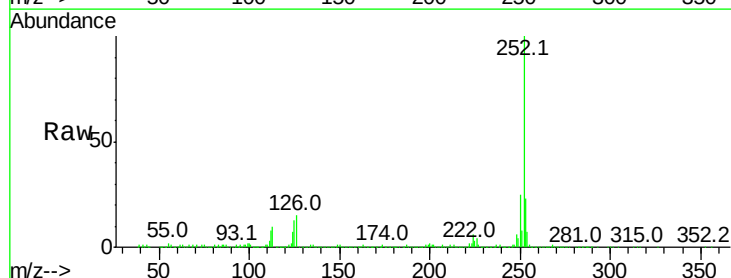
Tgt Ion:252 Resp: 972818

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

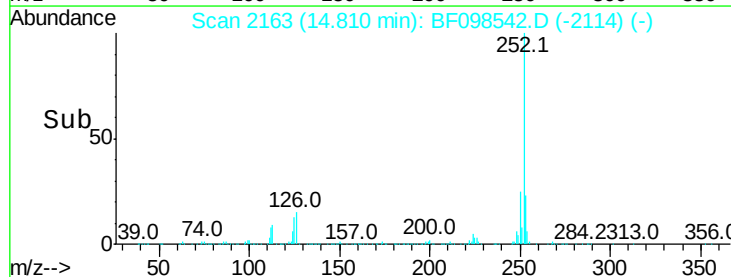
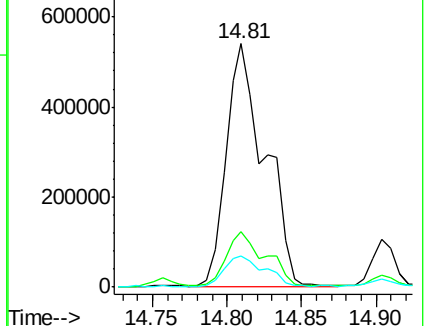
125 12.8 9.8 14.8

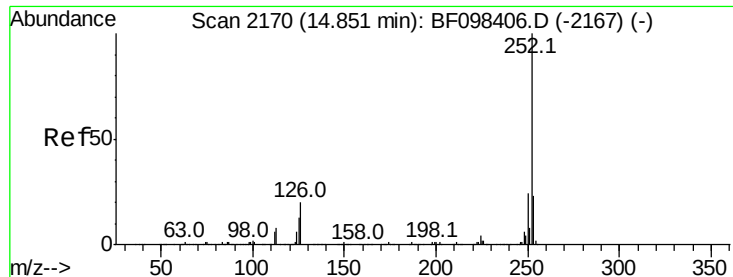


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

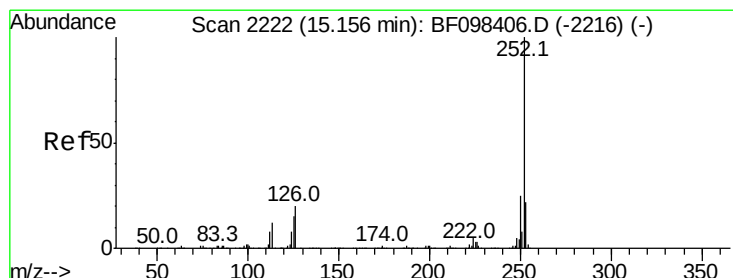
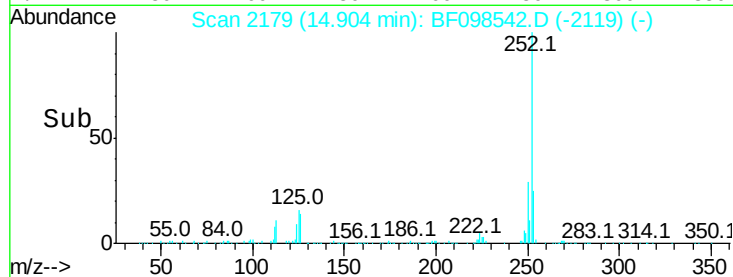
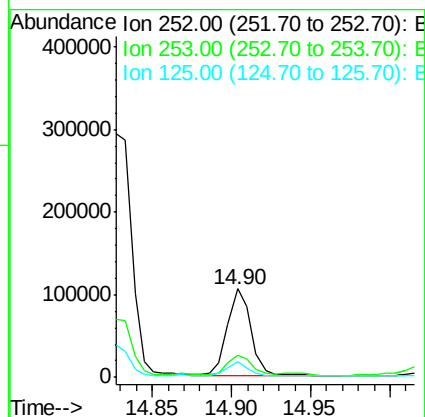
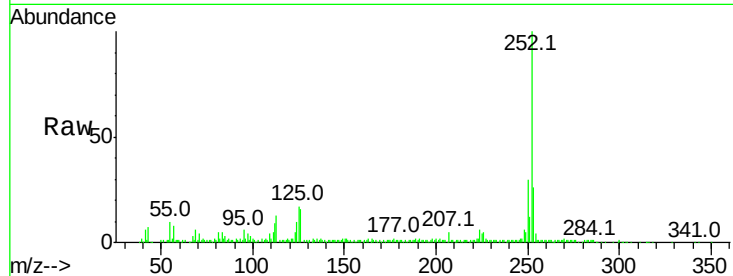




#88
Benzo(k)fluoranthene
Concen: 6.401 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.05 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

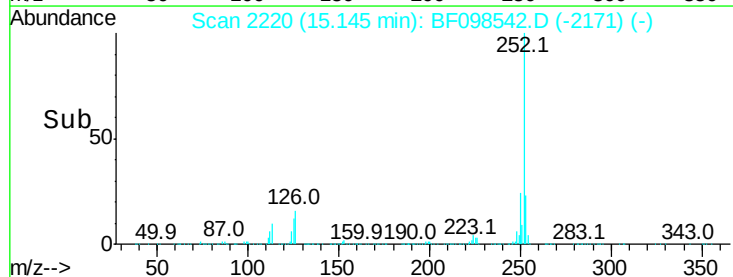
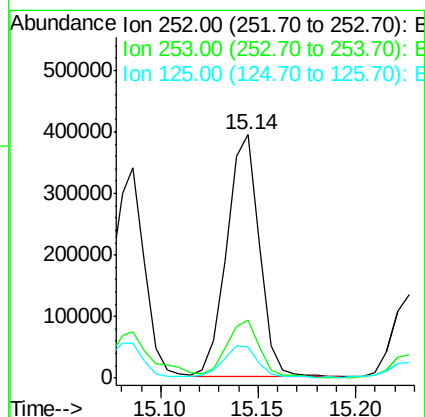
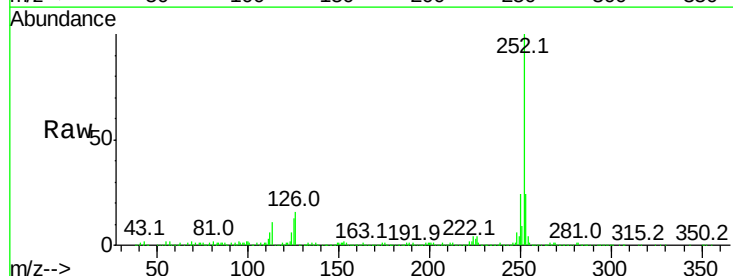
Instrument :
BNA_F
ClientSampleId :
G-8-2

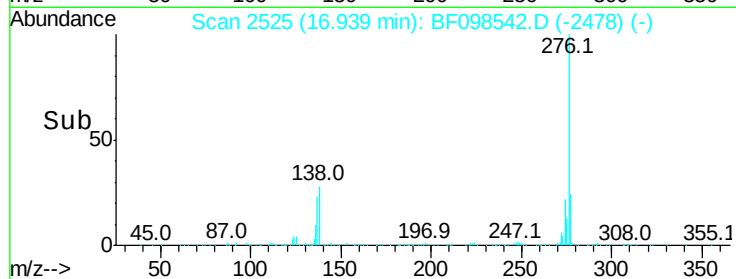
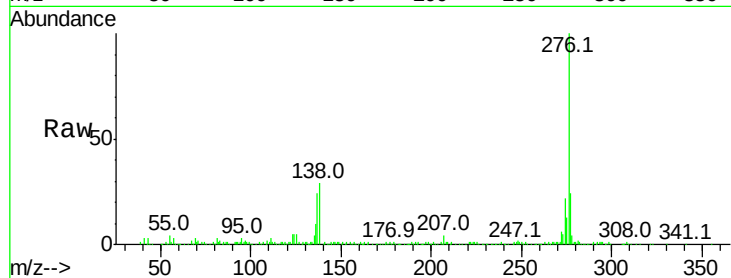
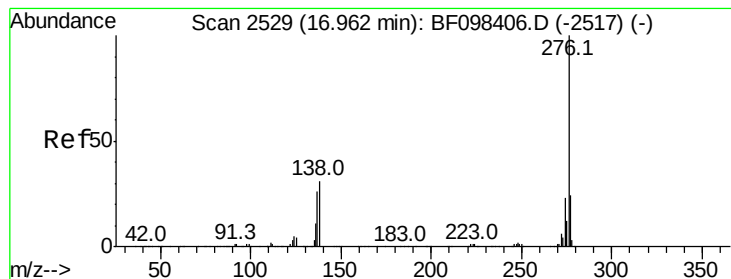
Tot Ion:	252	Resp:	112222
Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	17.5	13.1	19.7



#89
Benzo(a)pyrene
Concen: 27.313 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098542.D
Acq: 14 Sep 2017 21:53

Tgt Ion:	252	Resp:	456944
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	12.9	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 22.833 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF098542.D

Acq: 14 Sep 2017 21:53

Instrument :

BNA_F

ClientSampleId :

G-8-2

Tot Ion:276 Resp: 279495

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 29.2 25.4 38.0

