

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098511.D
 Acq On : 14 Sep 2017 1:26
 Operator : SJ/JU
 Sample : I5159-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

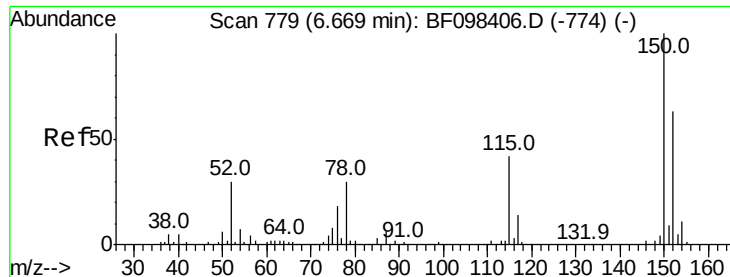
Quant Time: Sep 14 05:22:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170247	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	687824	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	285179	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	437651	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	335509	20.00	ng	-0.01
86) Perylene-d12	15.20	264	277661	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1508398	131.00	ng	0.00
7) Phenol-d6	6.32	99	1892591	129.45	ng	0.00
23) Nitrobenzene-d5	7.23	82	1094040	88.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	253821	133.36	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1871279	111.22	ng	-0.02
78) Terphenyl-d14	12.76	244	1201175	77.28	ng	-0.01

Target Compounds				Qvalue		
10) Phenol	6.33	94	46925	2.763	ng	98
15) Benzyl Alcohol	6.82	79	20815	2.139	ng	# 28
19) n-Nitroso-di-n-propylamine	7.23	70	146255	15.904	ng	# 79
25) Isophorone	7.23	82	1078939	43.222	ng	# 67
31) Naphthalene	7.96	128	73457	2.160	ng	99
32) Benzoic acid	7.76	122	1257	8.114	ng	# 18
48) Acenaphthylene	9.55	152	58237	2.149	ng	96
49) Dimethylphthalate	9.41	163	238483	10.803	ng	100
53) 2,4-Dinitrophenol	9.97	184	273	8.639	ng	# 4
56) 2,4-Dinitrotoluene	9.69	165	39000	7.074	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.48	198	730	5.208	ng	# 1
66) 4-Bromophenyl-phenylether	10.48	248	19309	4.649	ng	# 1
70) Phenanthrene	11.19	178	279516	12.047	ng	98
71) Anthracene	11.25	178	94411	3.963	ng	97
72) Carbazole	11.40	167	62716	2.825	ng	99
74) Fluoranthene	12.38	202	548229	23.604	ng	99
77) Pyrene	12.61	202	440908	16.659	ng	99
80) Benzo(a)anthracene	13.79	228	216510	11.007	ng	97
82) Chrysene	13.83	228	204484	10.284	ng	97
85) Indeno(1,2,3-cd)pyrene	16.54	276	66317	4.754	ng	96
87) Benzo(b)fluoranthene	14.81	252	336888	19.296	ng	# 97
88) Benzo(k)fluoranthene	14.81	252	336888	20.670	ng	98
89) Benzo(a)pyrene	15.14	252	112465	7.231	ng	# 94
91) Benzo(g,h,i)perylene	16.94	276	61886	5.438	ng	97

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

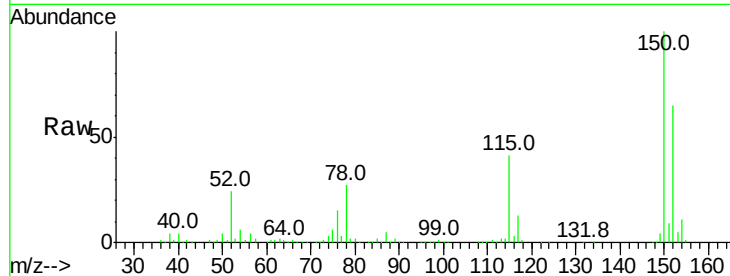


#1

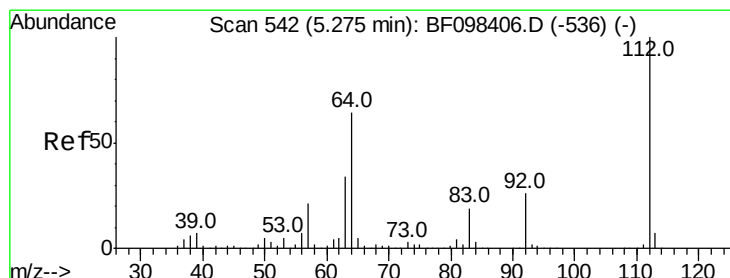
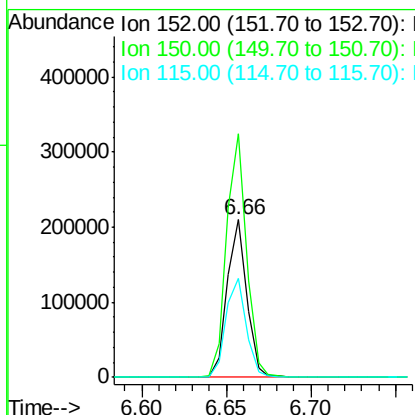
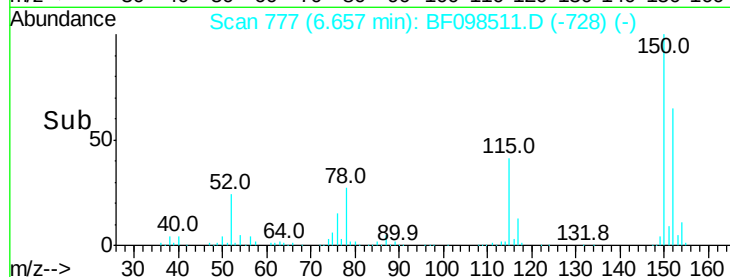
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170247
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 62.8 52.2 78.2



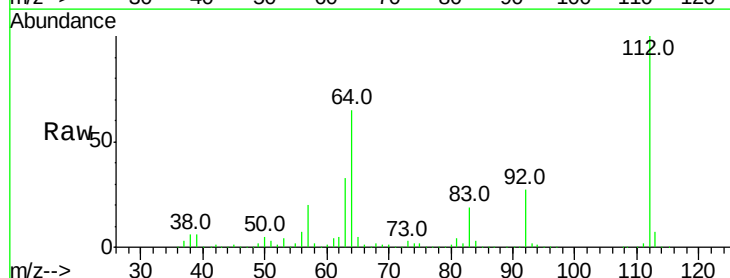
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



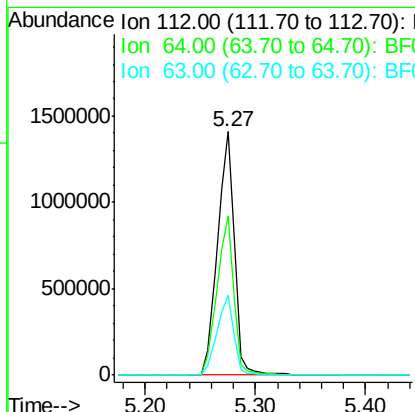
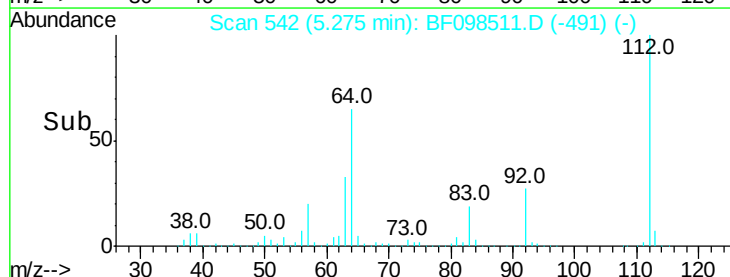
#5

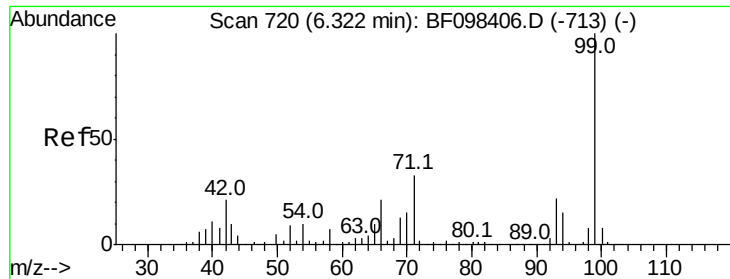
2-Fluorophenol
Concen: 130.998 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Tgt Ion:112 Resp: 1508398
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 33.0 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: 129.454 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

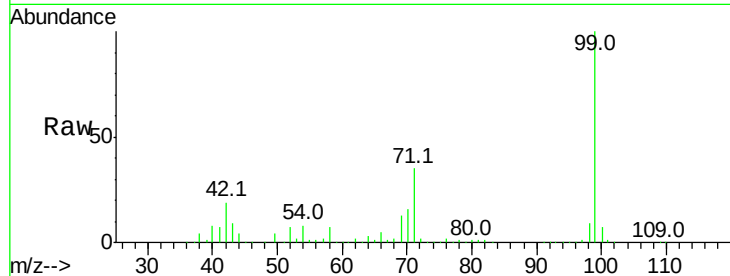
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1892591

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.5	20.3
71	35.0	24.5	36.7

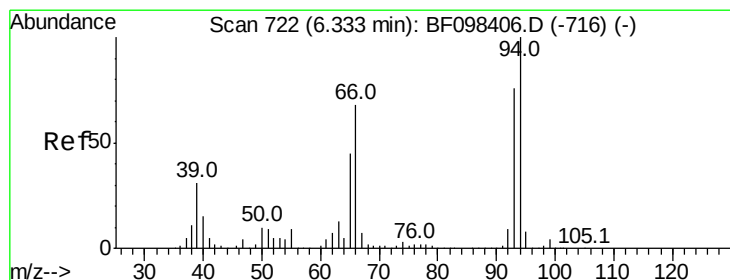
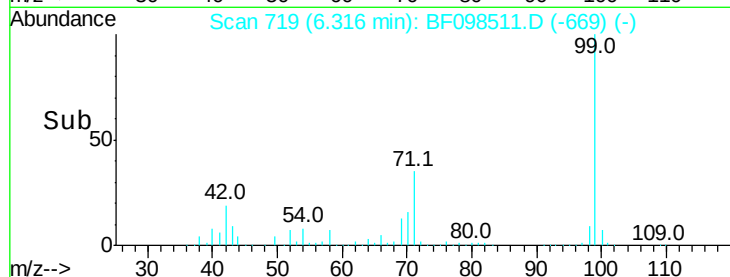
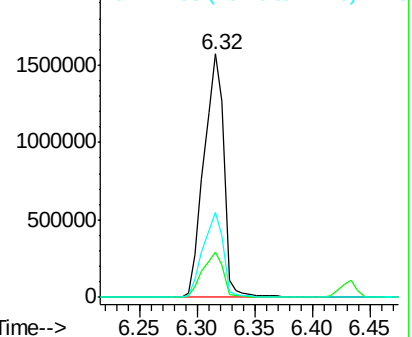


Abundance

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: 2.763 ng

RT: 6.33 min Scan# 721

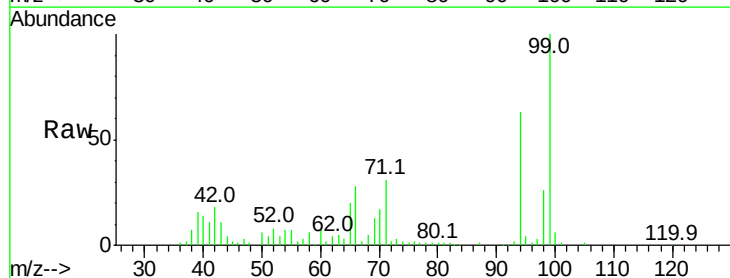
Delta R.T. -0.01 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Tgt Ion: 94 Resp: 46925

Ion	Ratio	Lower	Upper
94	100		
65	31.6	9.9	49.9
66	44.2	23.1	63.1

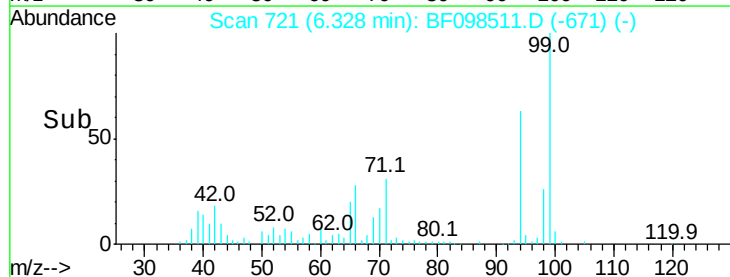
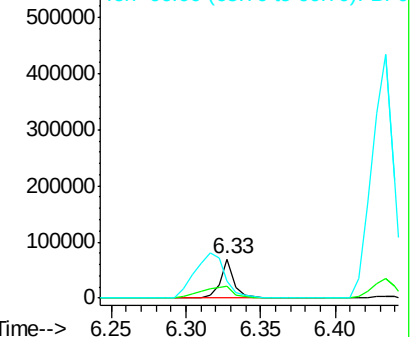


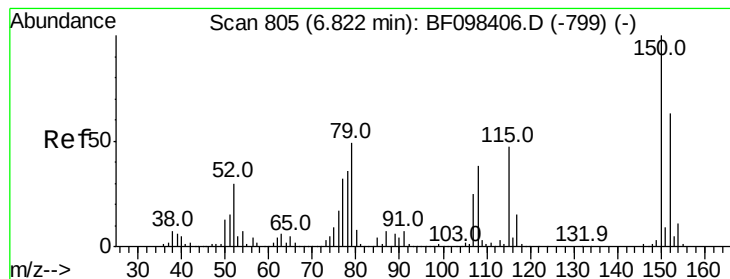
Abundance

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





#15

Benzyl Alcohol

Concen: 2.139 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_F

ClientSampleId :

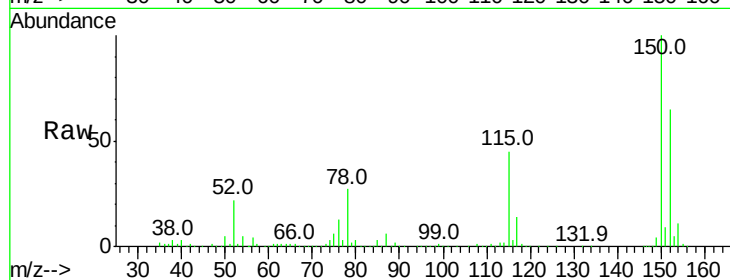
Tot Ion: 79 Resp: 20815

Ion Ratio Lower Upper

79 100

108 31.3 63.4 95.0#

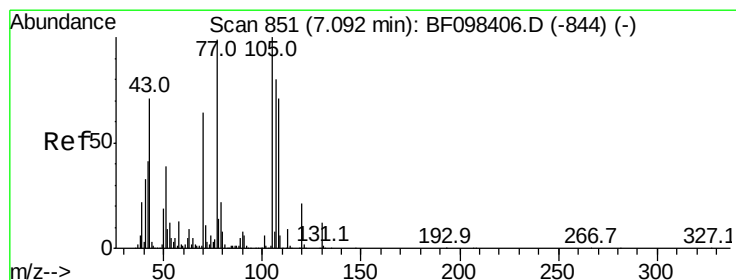
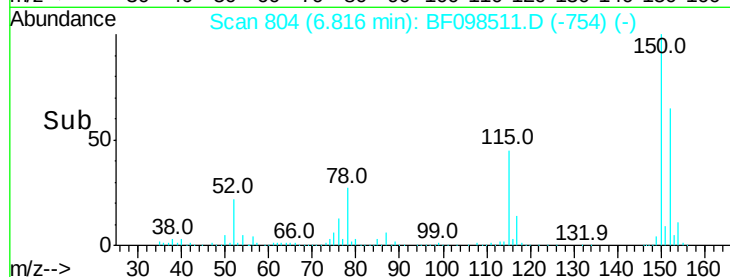
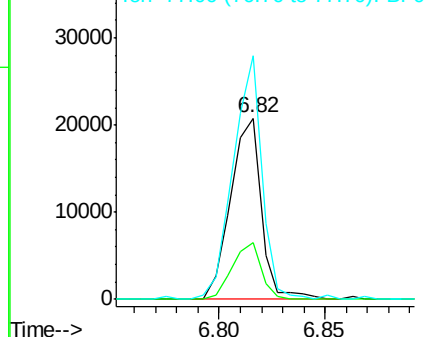
77 134.5 49.2 73.8#



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: 15.904 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Tgt Ion: 70 Resp: 146255

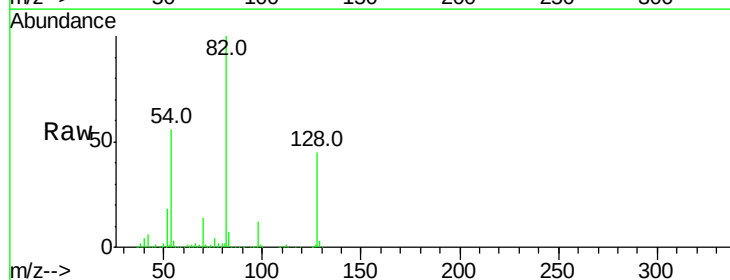
Ion Ratio Lower Upper

70 100

42 47.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

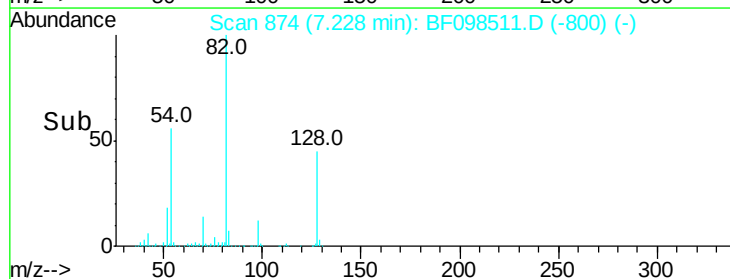
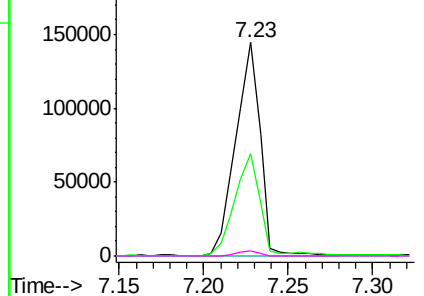


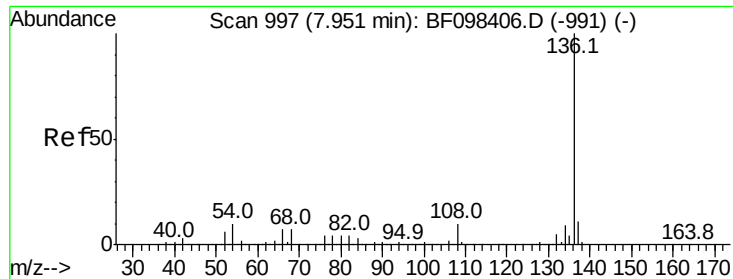
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

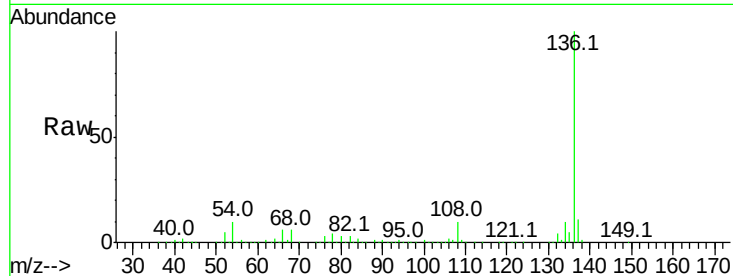




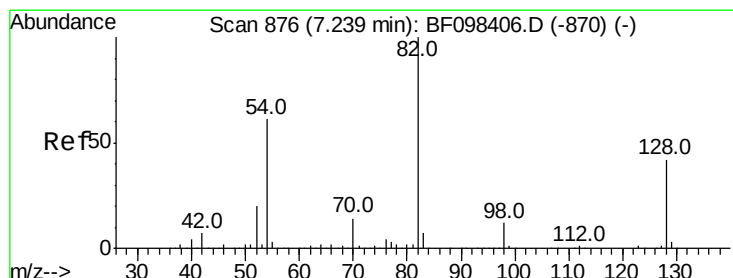
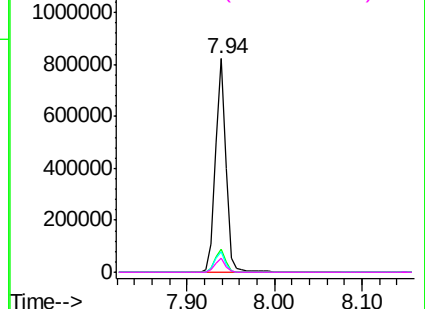
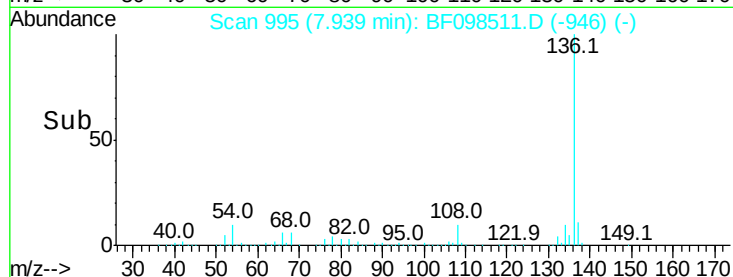
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	687824
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.5	4.9	7.3#
68	6.3	4.1	6.1#

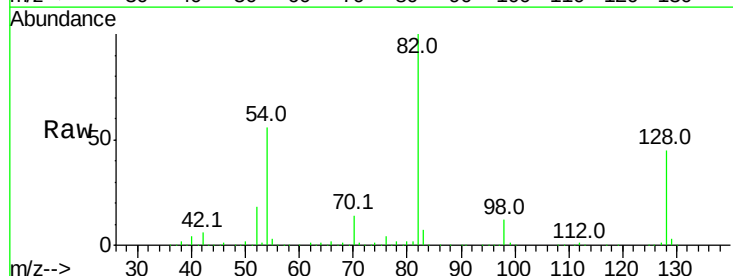


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

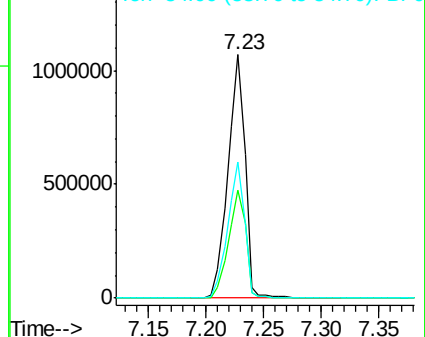
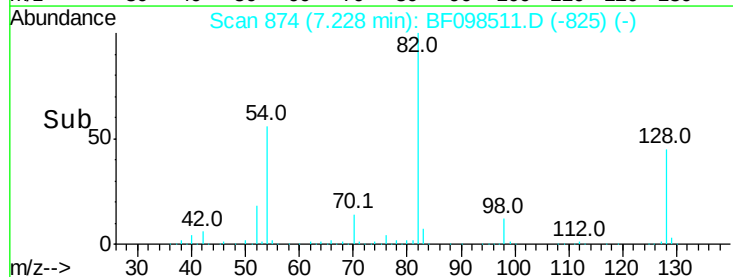


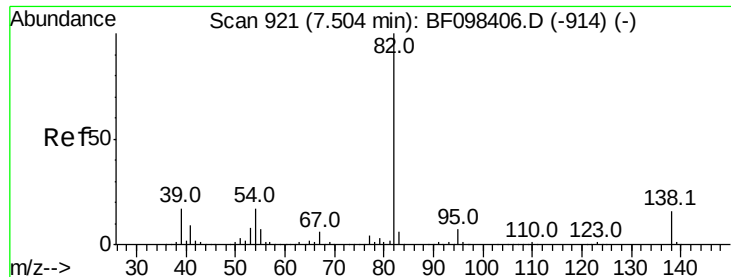
#23
Nitrobenzene-d5
Concen: 88.674 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Tgt Ion:	82	Resp:	1094040
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	55.6	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: 43.222 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_F

ClientSampleId :

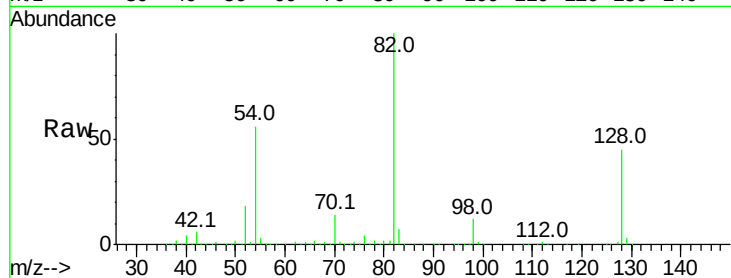
Tot Ion: 82 Resp: 1078939

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

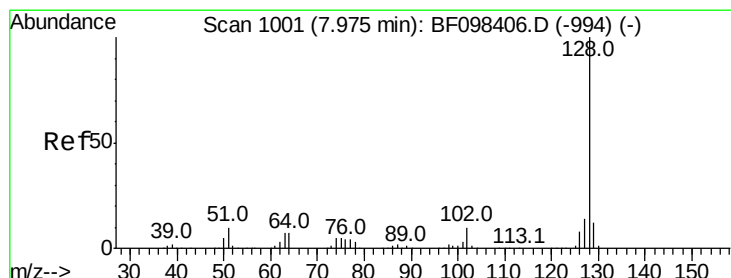
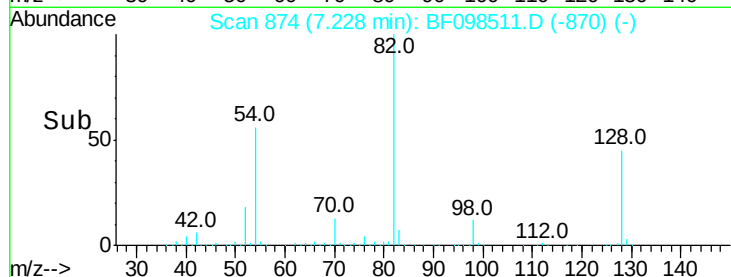
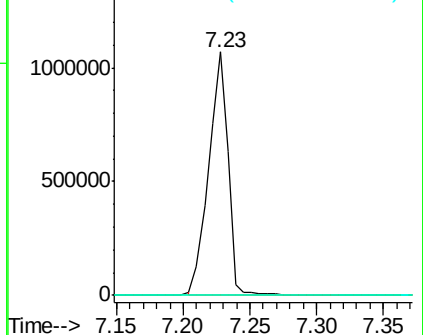
138 0.0 13.1 19.7#



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: 2.160 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

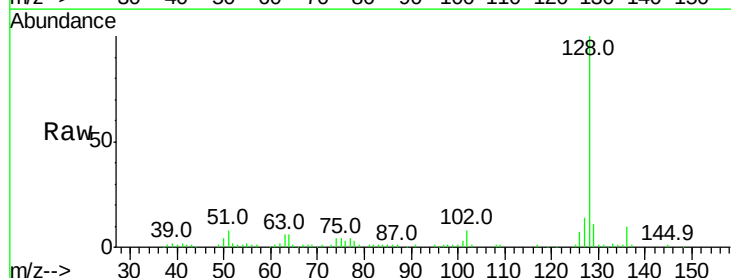
Tgt Ion:128 Resp: 73457

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

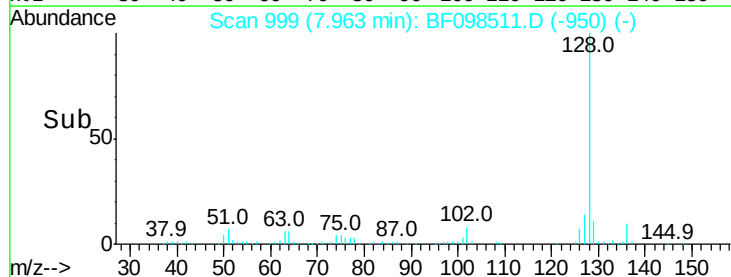
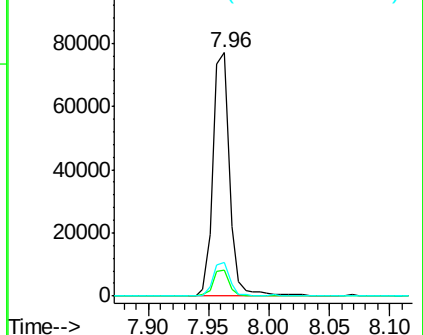
127 13.7 10.8 16.2

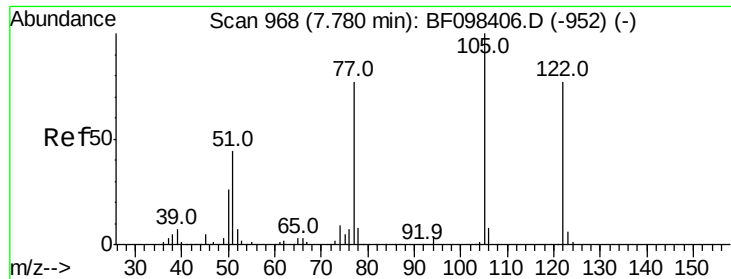


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.114 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_F

ClientSampleId :

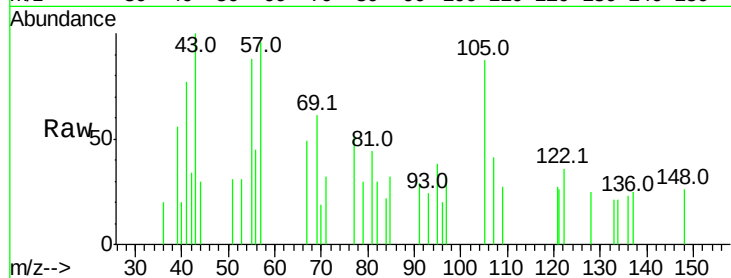
Tot Ion:122 Resp: 1257

Ion Ratio Lower Upper

122 100

105 243.3 103.3 143.3#

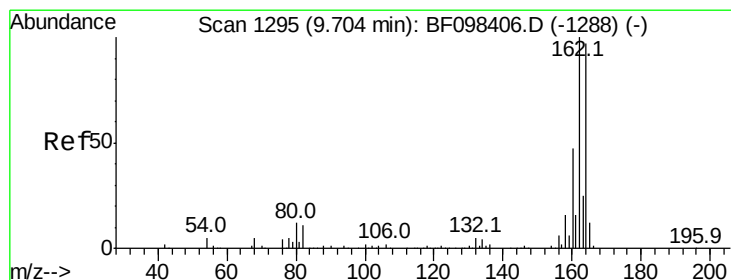
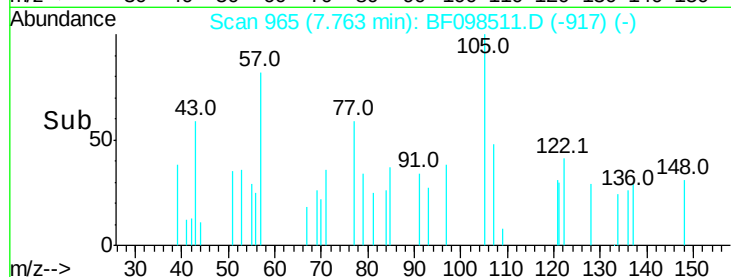
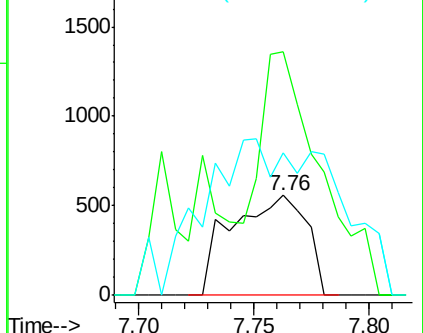
77 142.6 73.7 113.7#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

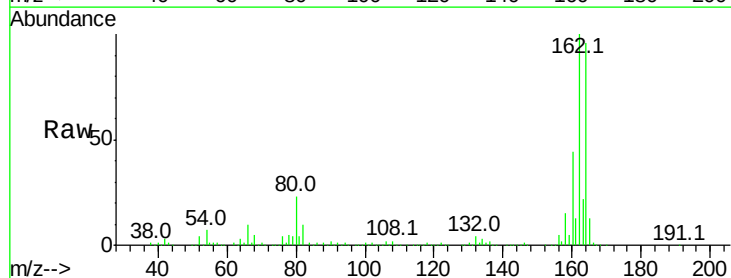
Tgt Ion:164 Resp: 285179

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

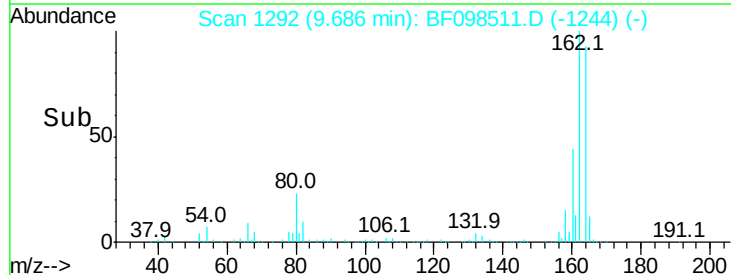
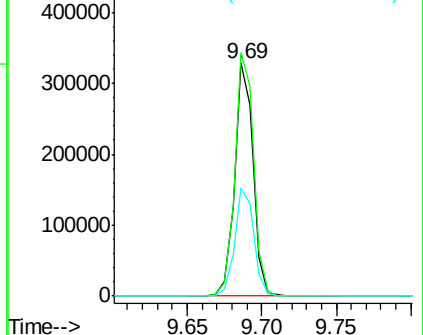
160 46.1 36.2 54.2

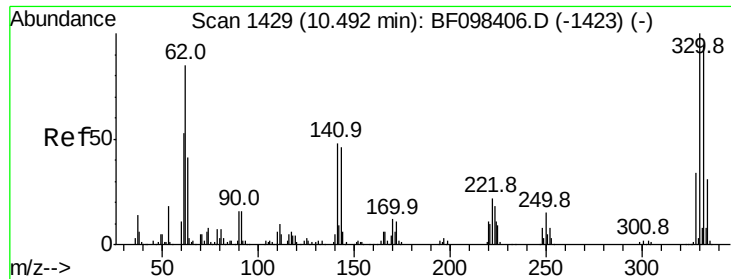


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

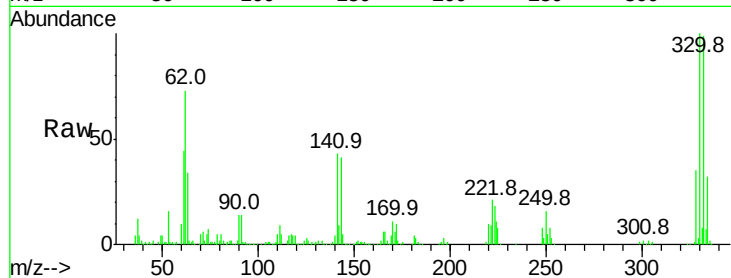




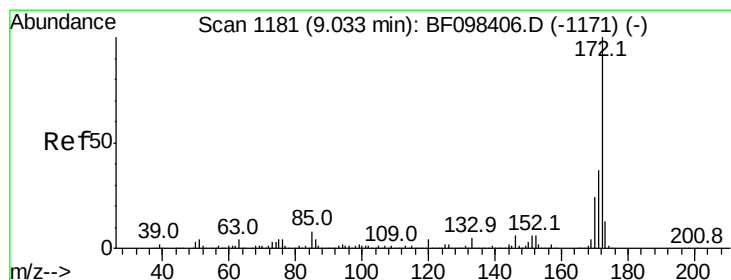
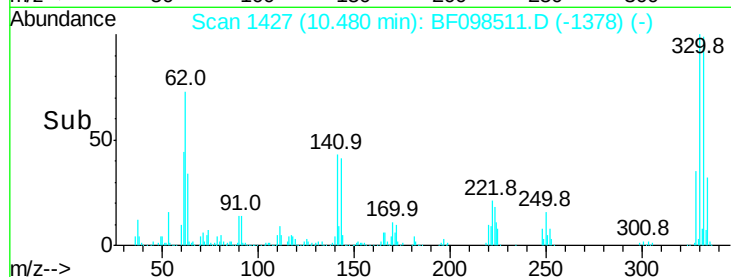
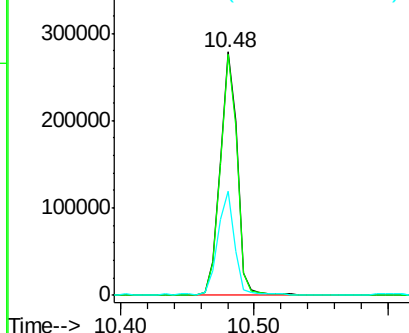
#41
 2,4,6-Tribromophenol
 Concen: 133.356 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 253821
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 44.4 31.4 47.2

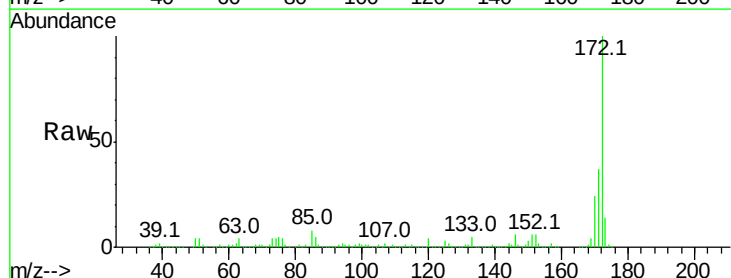


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

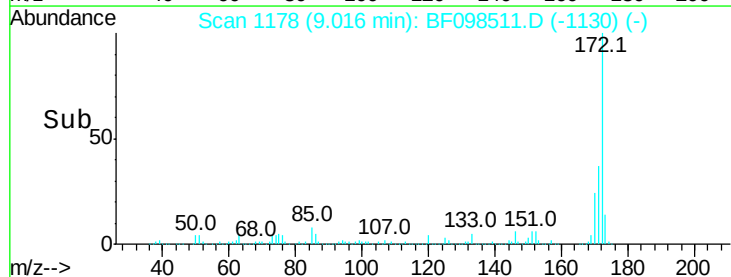
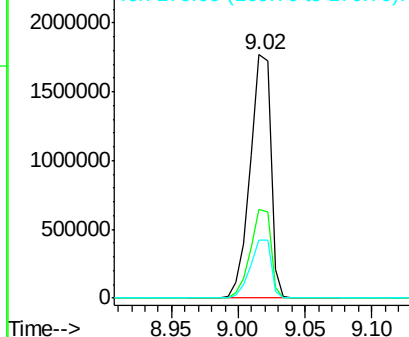


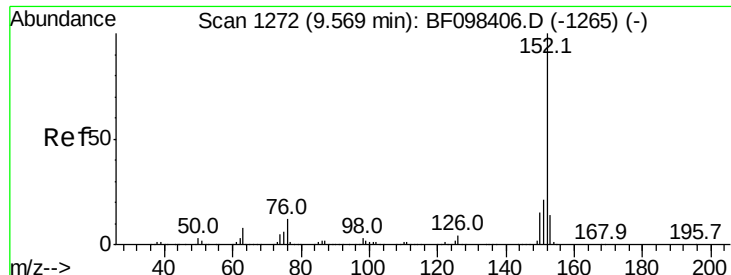
#44
 2-Fluorobiphenyl
 Concen: 111.217 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Tgt Ion:172 Resp: 1871279
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 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





#48

Acenaphthylene

Concen: 2.149 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

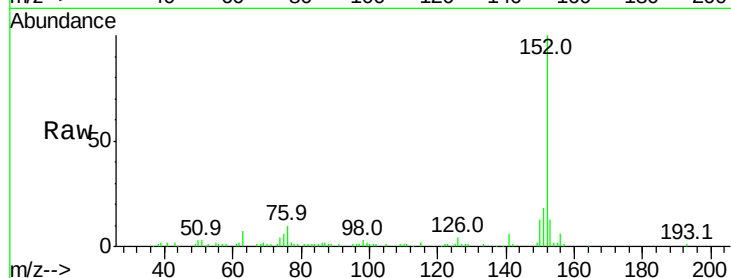
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 58237

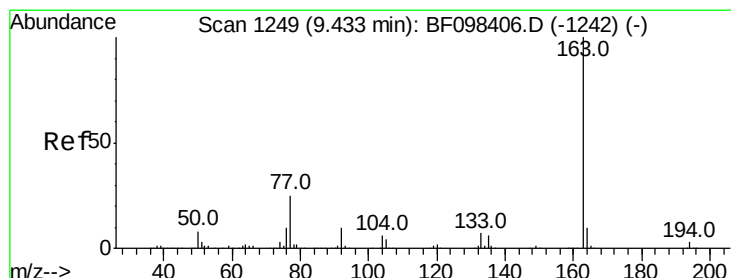
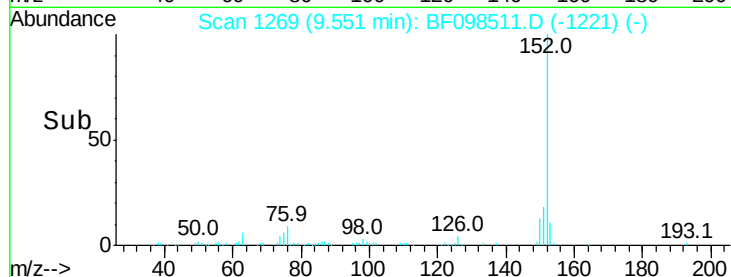
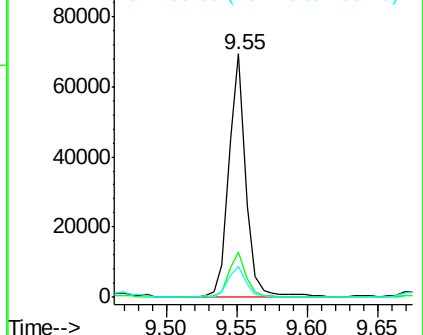
Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.8	25.2
153	12.7	10.8	16.2



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: 10.803 ng

RT: 9.41 min Scan# 1245

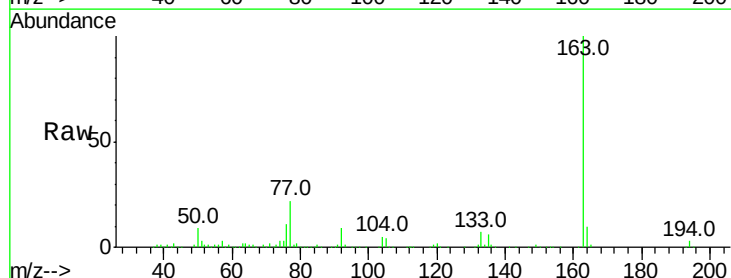
Delta R.T. -0.02 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Tgt Ion:163 Resp: 238483

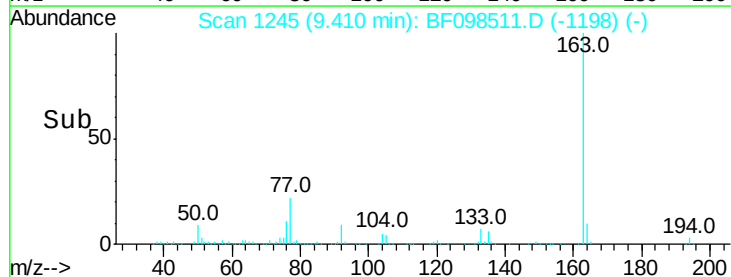
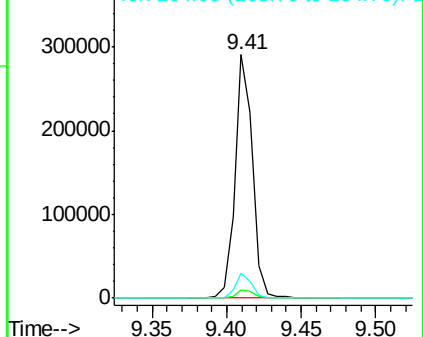
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6

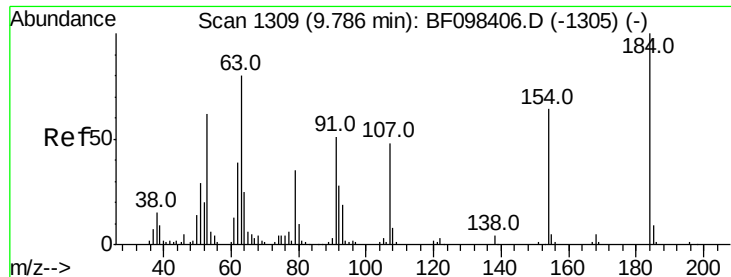


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 8.639 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.18 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_F

ClientSampled :

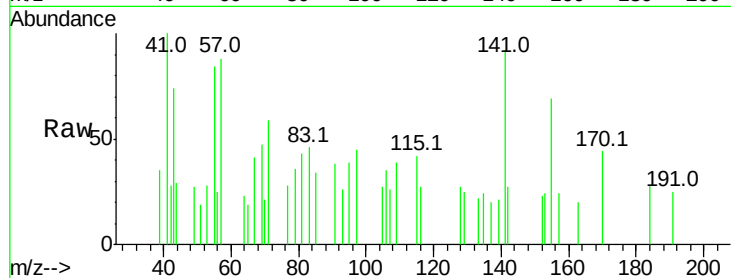
Tot Ion:184 Resp: 273

Ion Ratio Lower Upper

184 100

63 0.0 62.7 94.1#

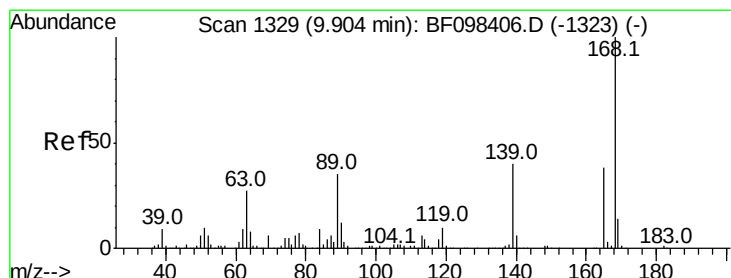
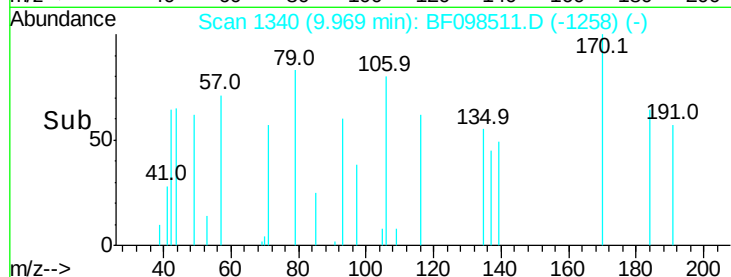
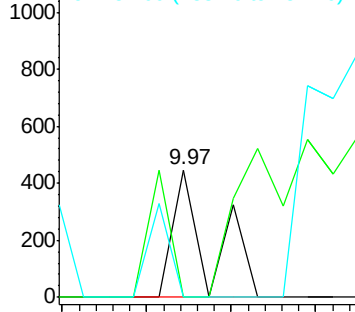
154 0.0 81.1 121.7#



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



#56

2,4-Dinitrotoluene

Concen: 7.074 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.22 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Tgt Ion:165 Resp: 39000

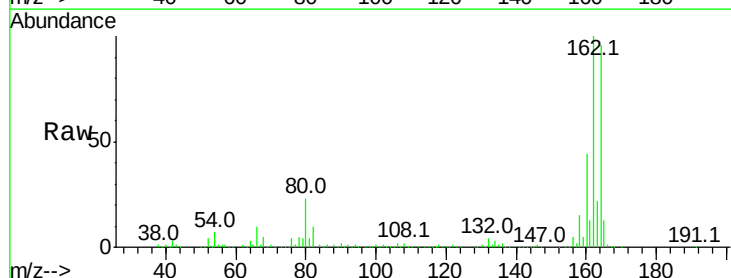
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

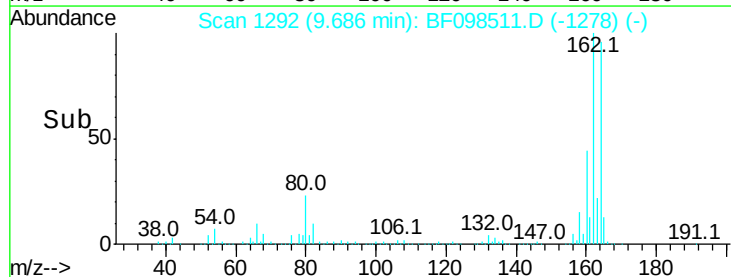
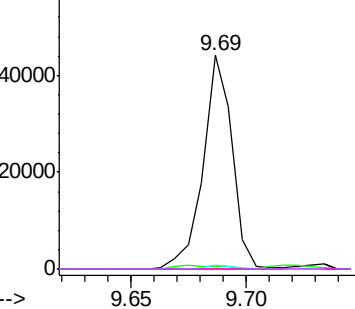


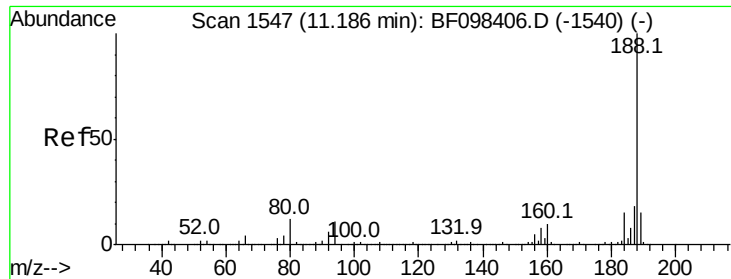
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

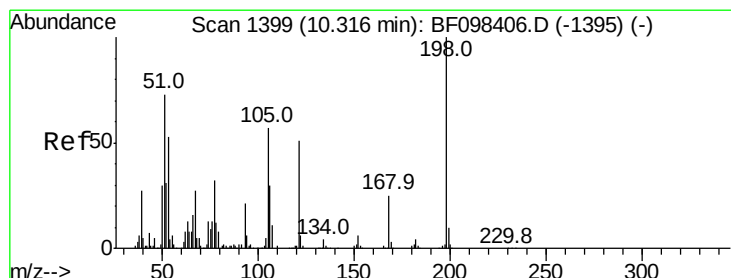
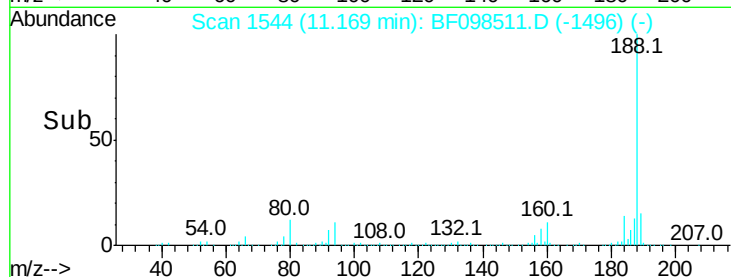
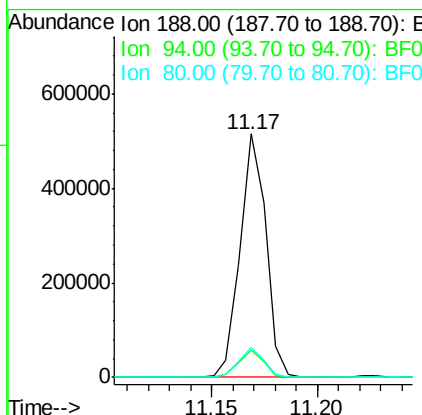
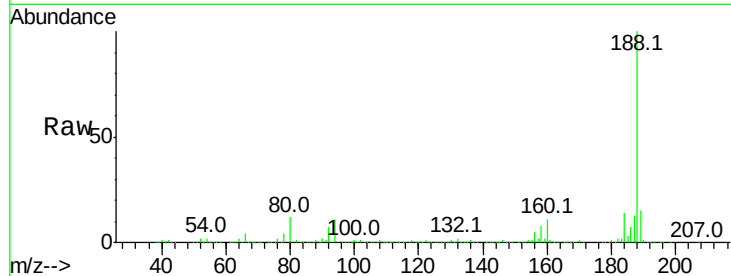




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.02 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

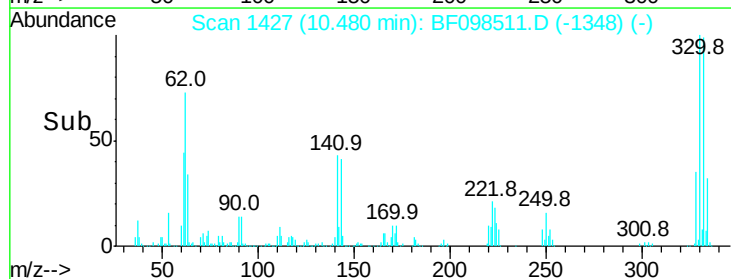
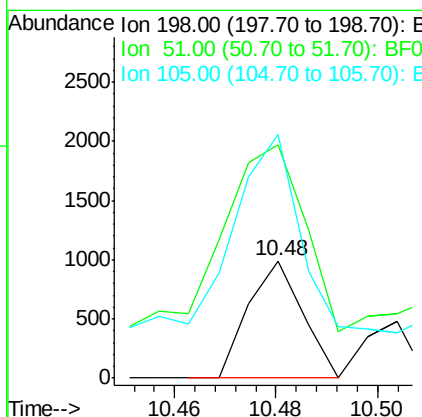
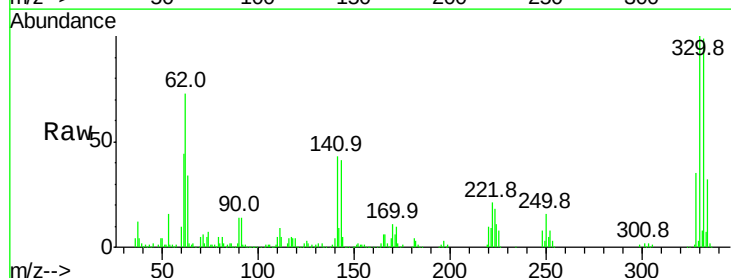
Instrument :
 BNA_F
 ClientSampleId :

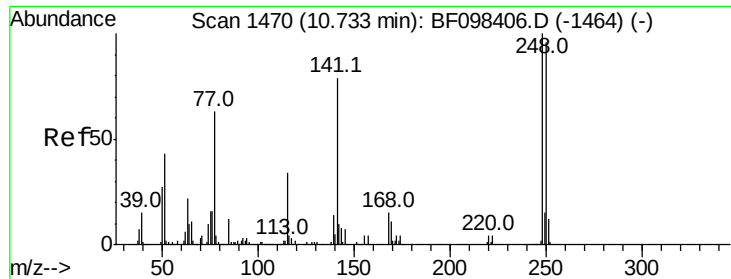
Tot Ion:188 Resp: 437651
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 12.0 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.208 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.17 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Tgt Ion:198 Resp: 730
 Ion Ratio Lower Upper
 198 100
 51 199.5 53.2 93.2#
 105 207.6 45.8 85.8#

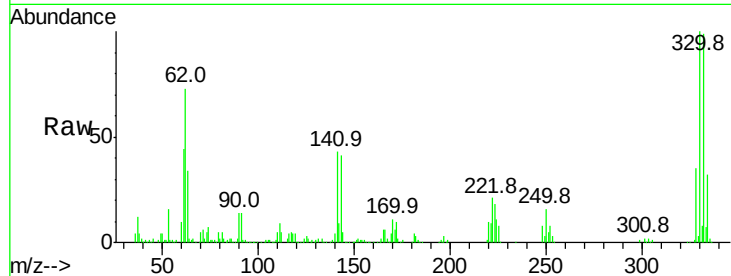




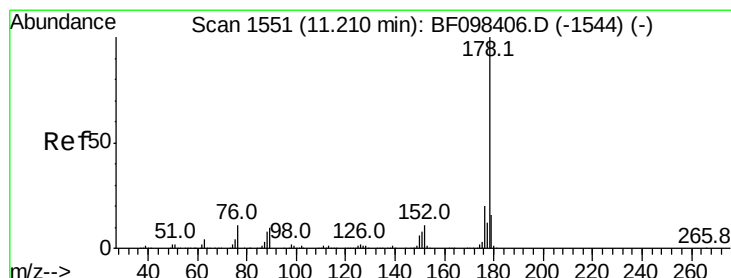
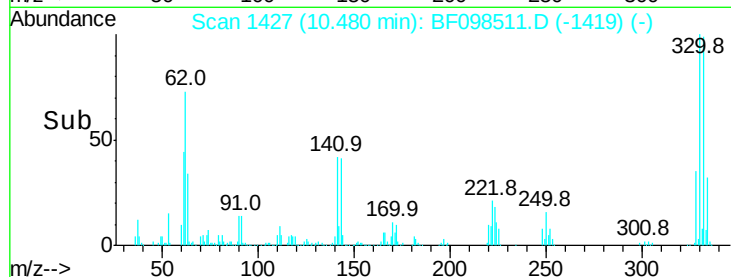
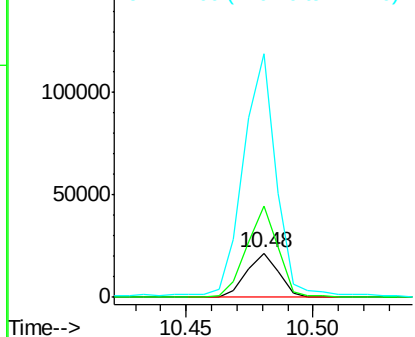
#66
 4-Bromophenyl-phenylether
 Concen: 4.649 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 19309
 Ion Ratio Lower Upper
 248 100
 250 206.4 76.8 115.2#
 141 550.2 68.6 103.0#

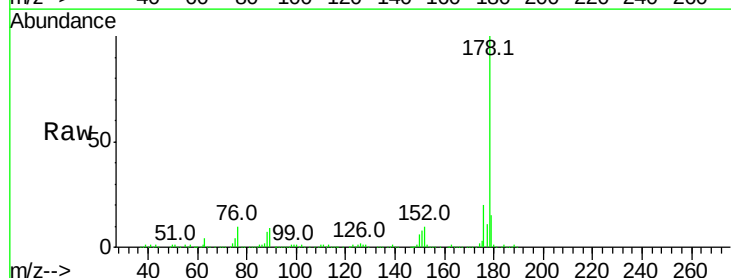


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

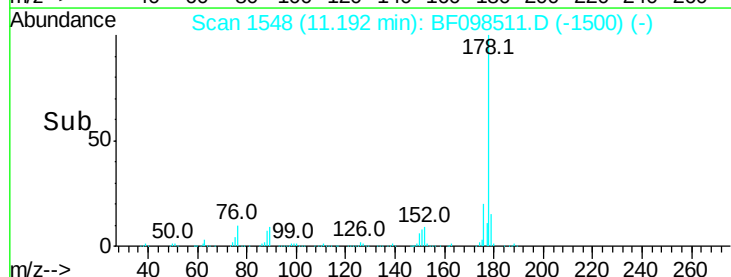
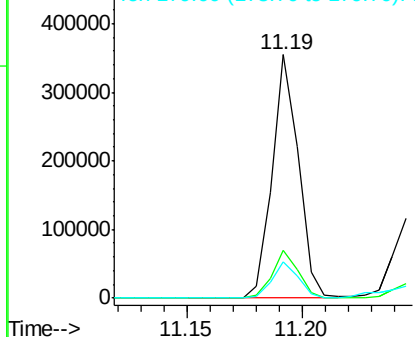


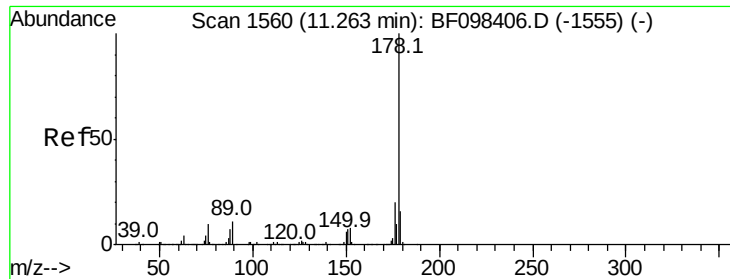
#70
 Phenanthrene
 Concen: 12.047 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Tgt Ion:178 Resp: 279516
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 14.8 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

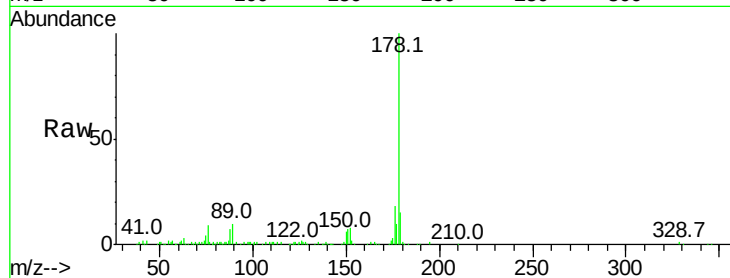




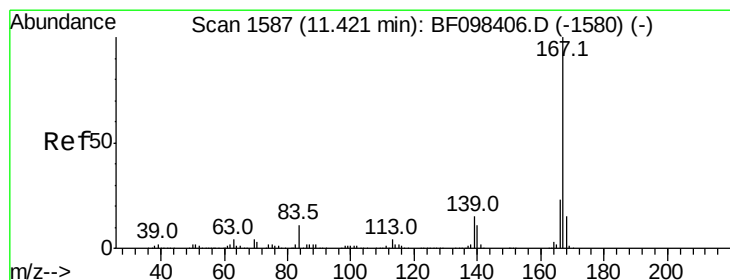
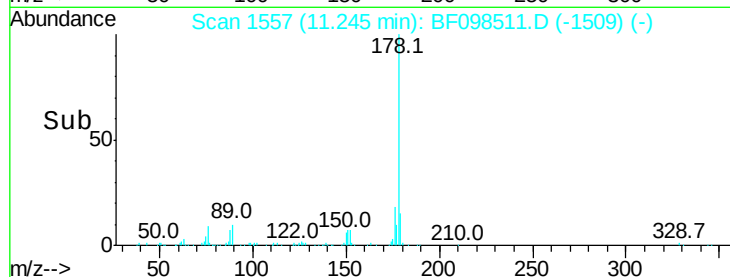
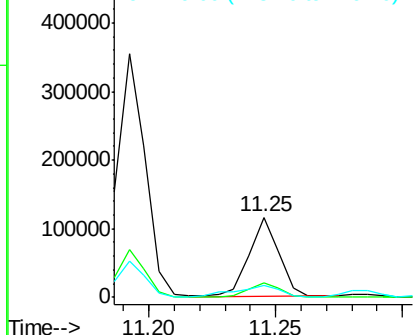
#71
 Anthracene
 Concen: 3.963 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 94411
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.8 23.8
 179 15.5 12.7 19.1

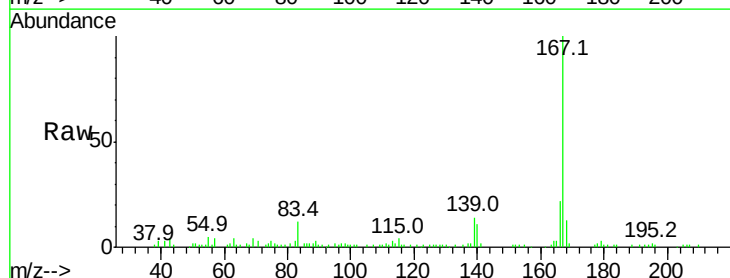


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

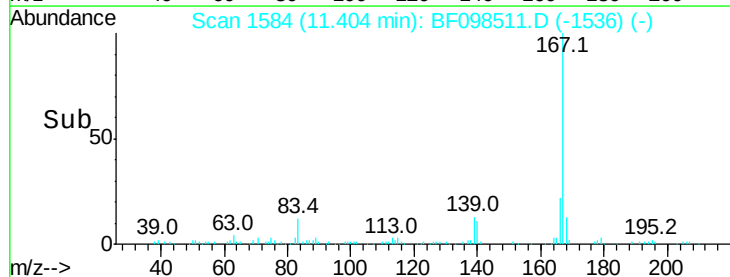
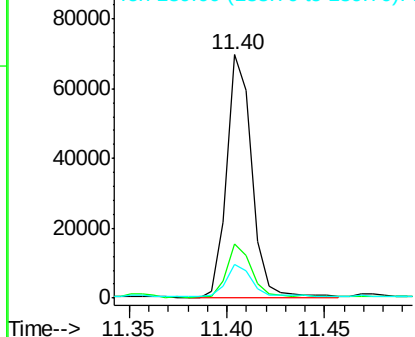


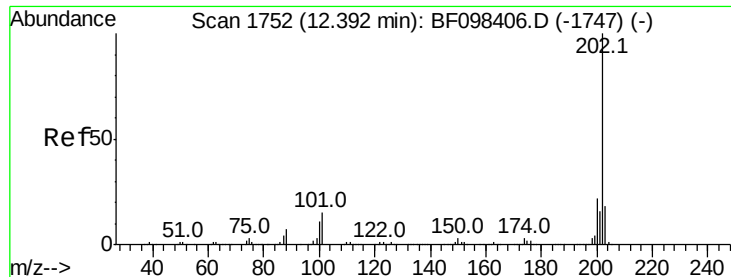
#72
 Carbazole
 Concen: 2.825 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Tgt Ion:167 Resp: 62716
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.7 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: 23.604 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_F

ClientSampleId :

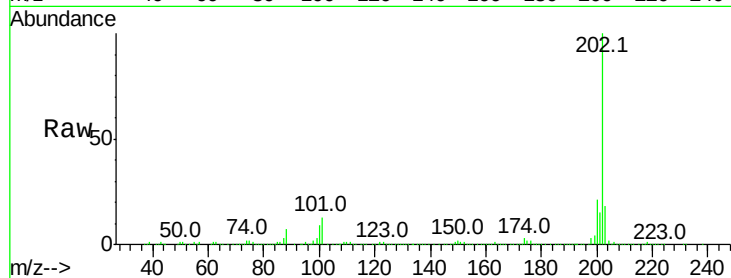
Tot Ion:202 Resp: 548229

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

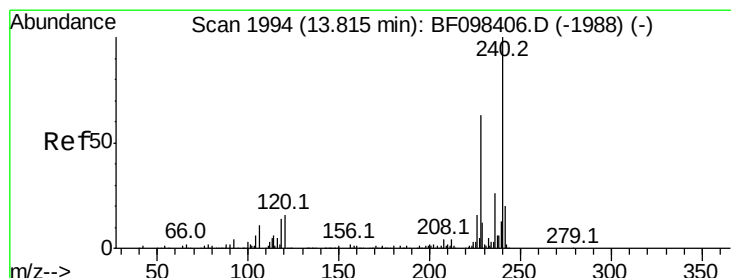
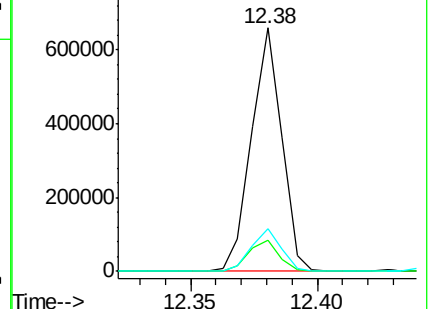
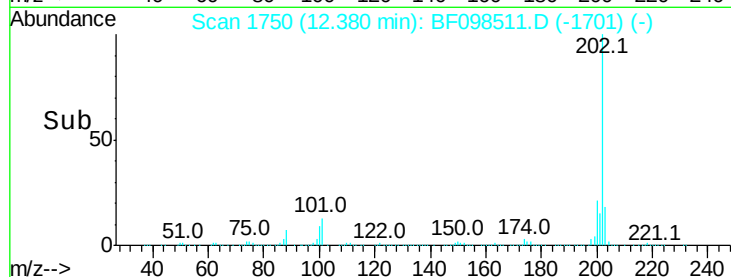
203 17.6 0.0 38.1



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: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

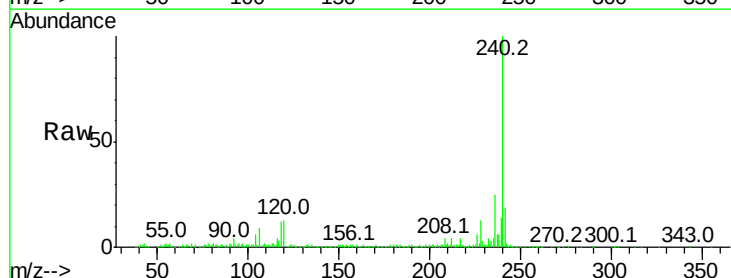
Tgt Ion:240 Resp: 335509

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

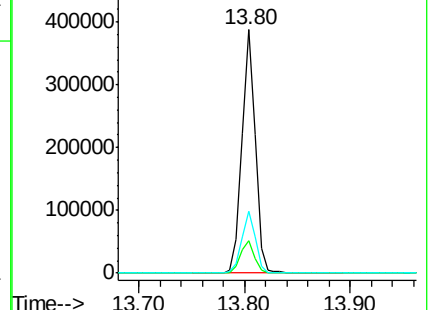
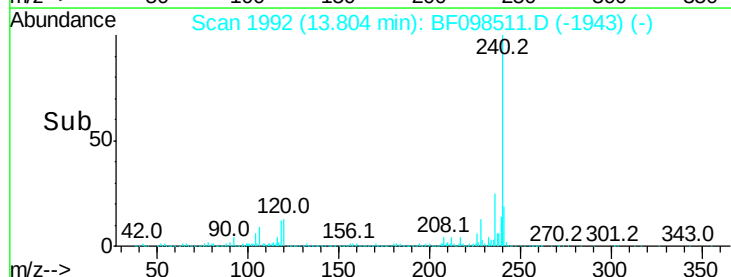
236 25.5 20.5 30.7

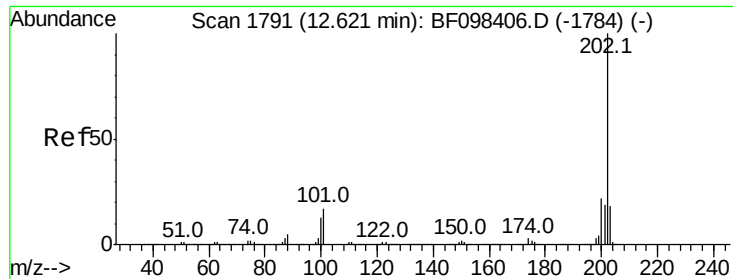


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

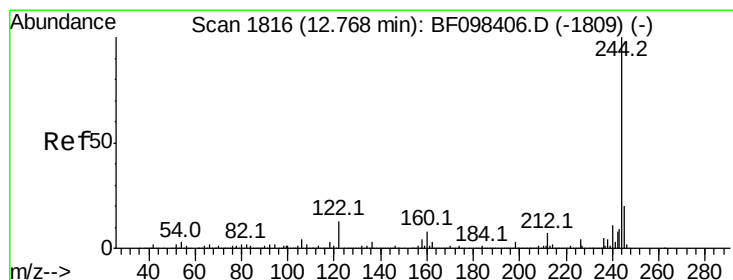
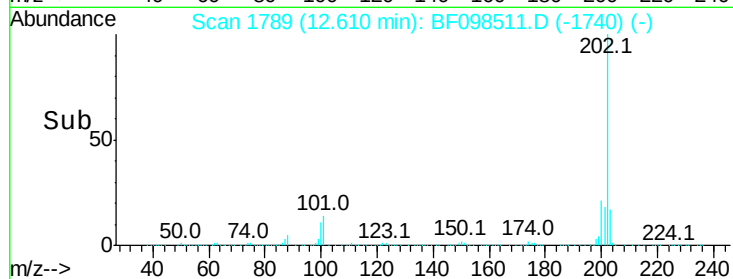
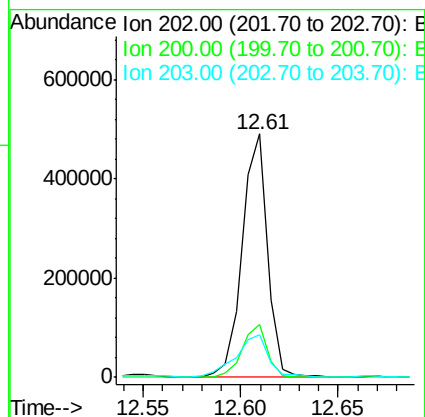
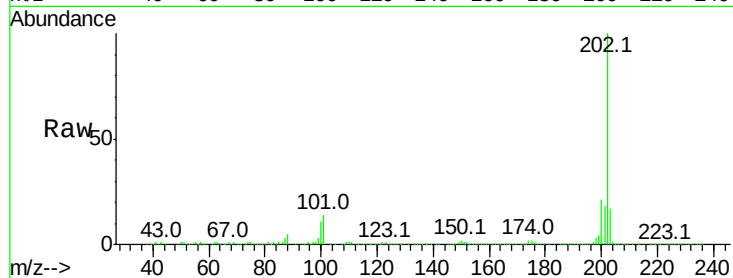




#77
Pvrene
Concen: 16.659 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

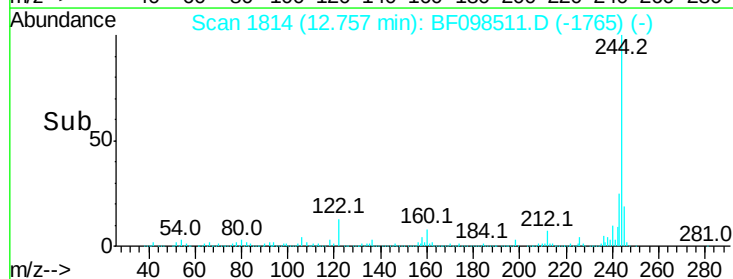
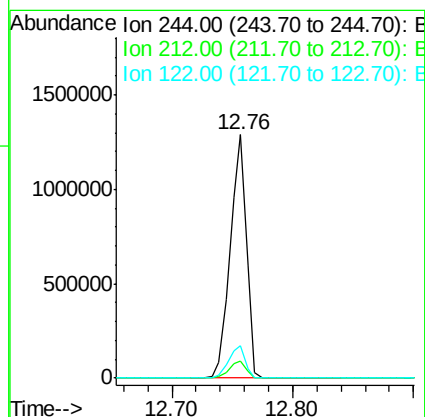
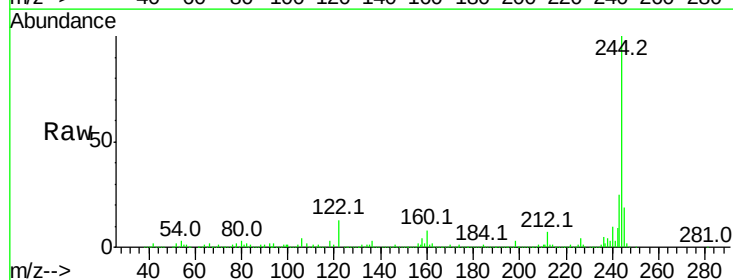
Instrument :
BNA_F
ClientSampleId :

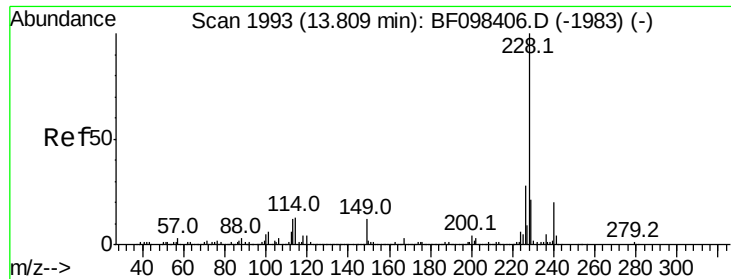
Tot Ion:202 Resp: 440908
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 77.276 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Tgt Ion:244 Resp: 1201175
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.2 10.3 15.5

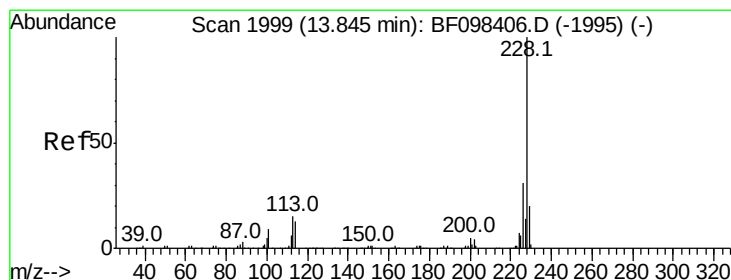
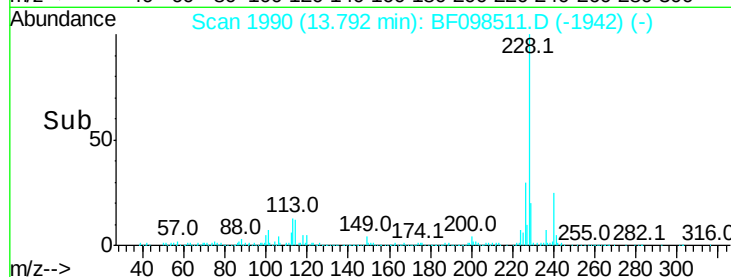
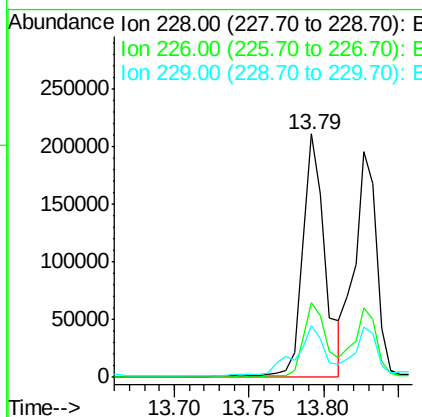
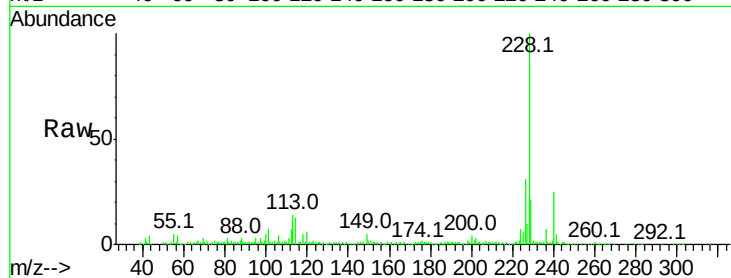




#80
Benzo(a)anthracene
Concen: 11.007 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

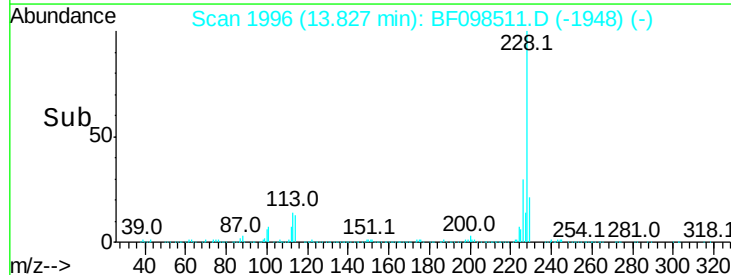
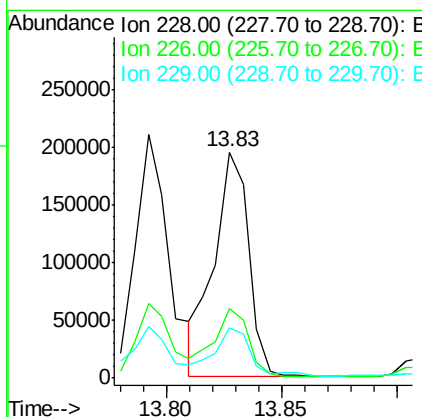
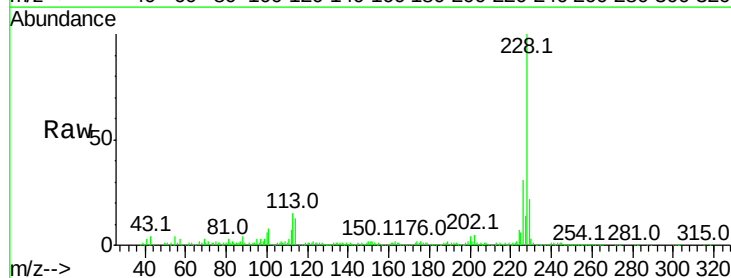
Instrument :
BNA_F
ClientSampleId :

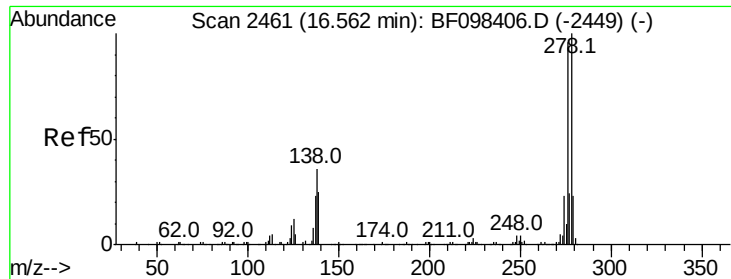
Tot Ion:228 Resp: 216510
Ion Ratio Lower Upper
228 100
226 30.7 22.6 33.8
229 21.1 16.3 24.5



#82
Chrysene
Concen: 10.284 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Tgt Ion:228 Resp: 204484
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 22.3 15.8 23.6

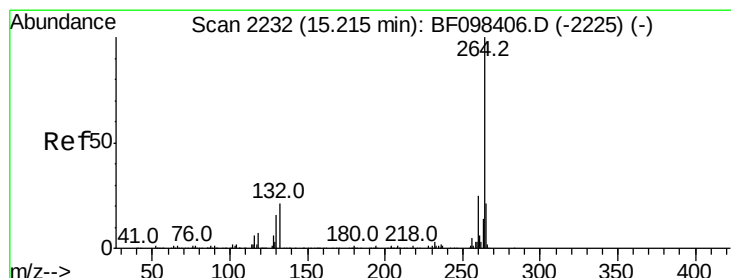
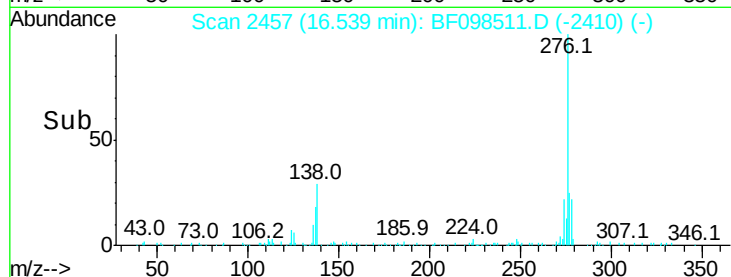
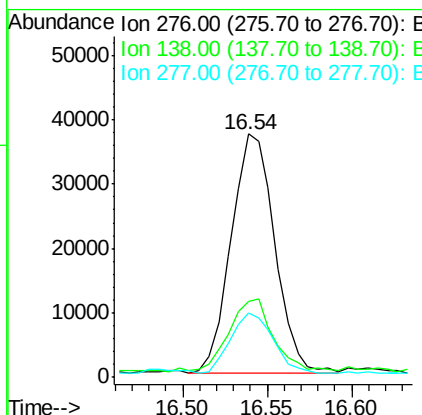
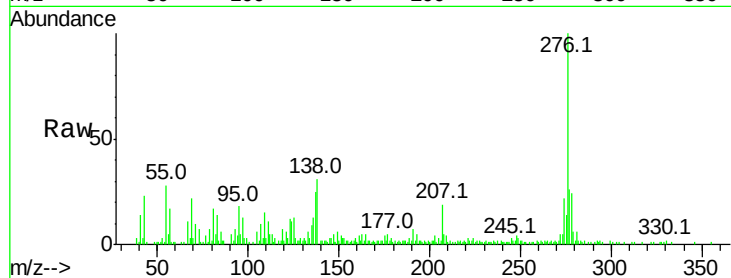




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.754 ng
 RT: 16.54 min Scan# 2457
 Delta R.T. -0.02 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

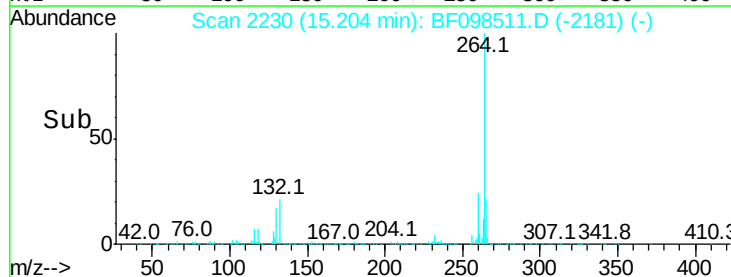
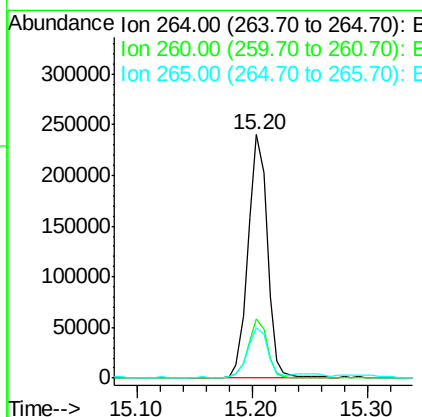
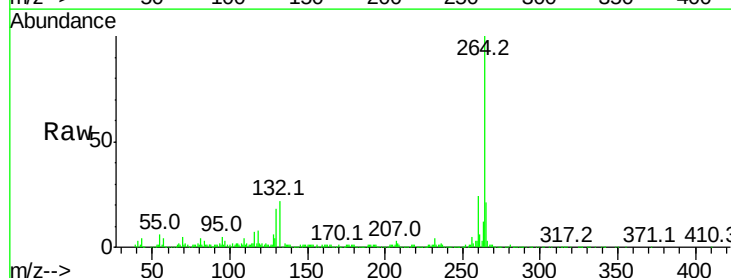
Instrument :
 BNA_F
 ClientSampled :

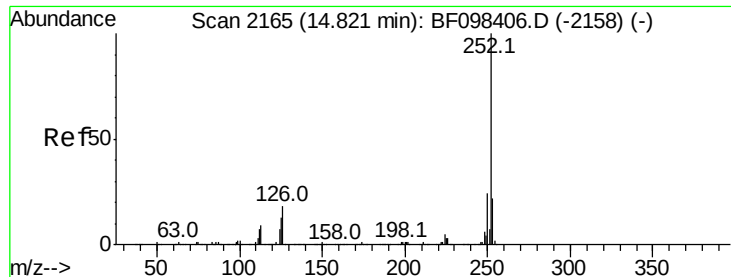
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098511.D
 Acq: 14 Sep 2017 1:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 19.296 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

Instrument :

BNA_F

ClientSampleId :

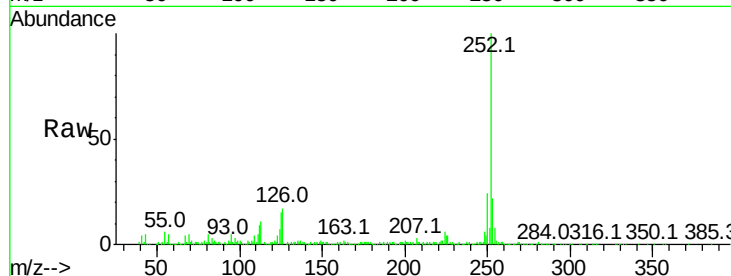
Tot Ion:252 Resp: 336888

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

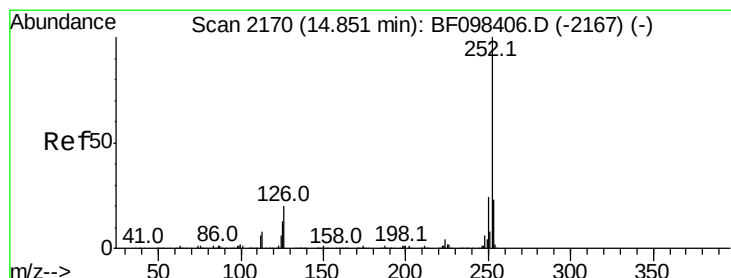
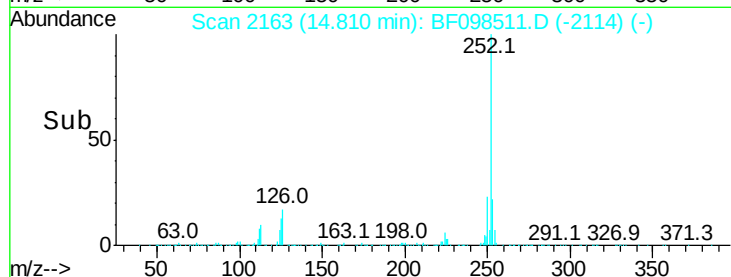
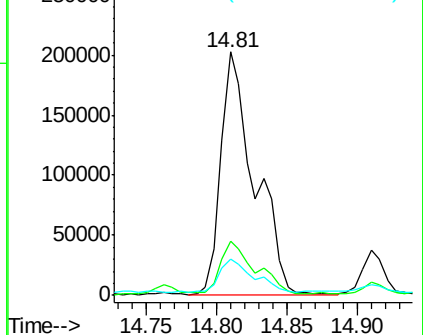
125 14.9 9.8 14.8#



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: 20.670 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.04 min

Lab File: BF098511.D

Acq: 14 Sep 2017 1:26

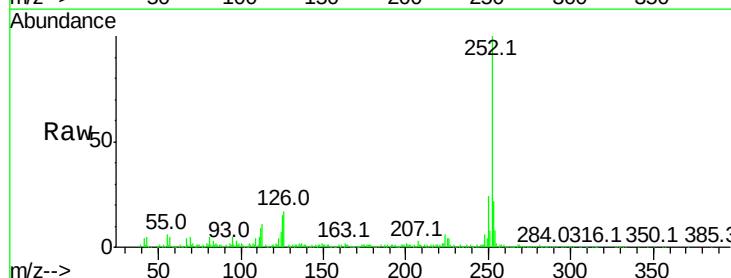
Tgt Ion:252 Resp: 336888

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

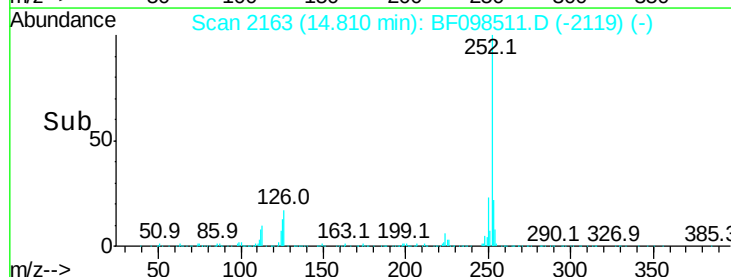
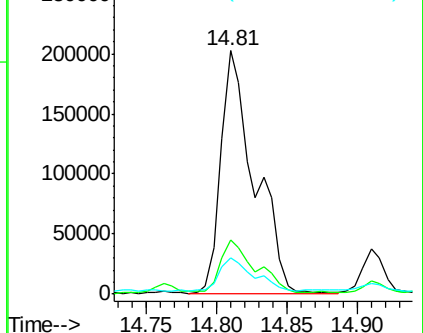
125 14.9 13.1 19.7

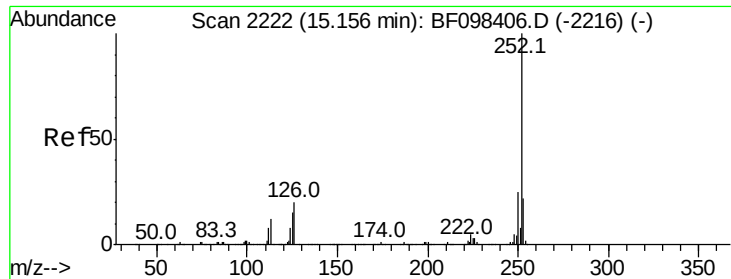


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

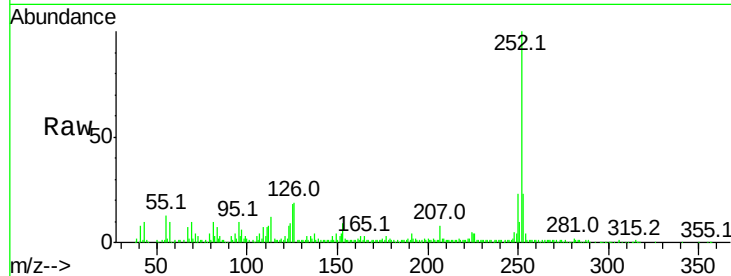




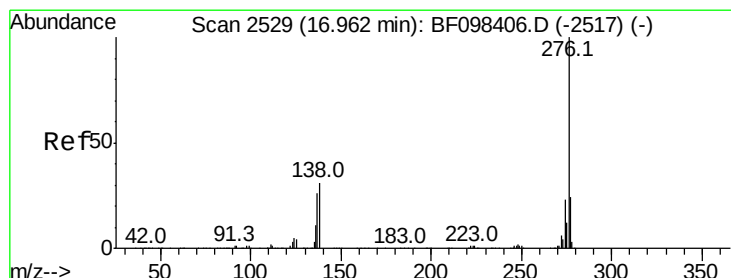
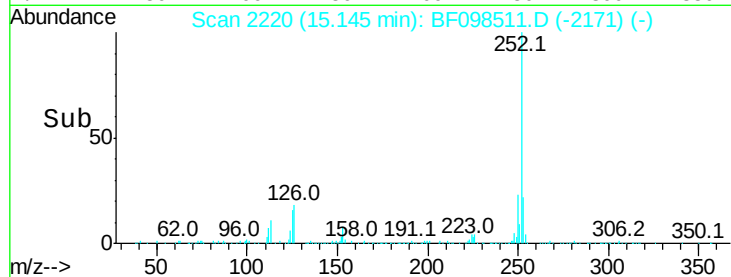
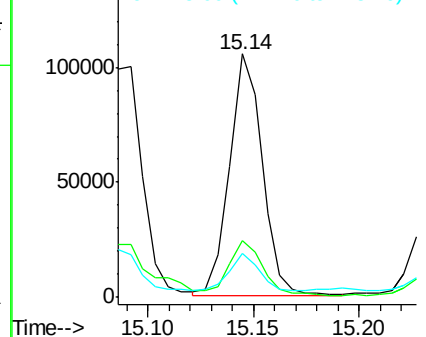
#89
Benzo(a)pyrene
Concen: 7.231 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	17.9	11.0	16.4

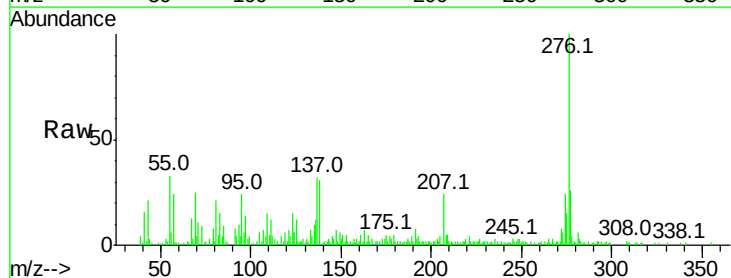


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 5.438 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF098511.D
Acq: 14 Sep 2017 1:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	30.7	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

