

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098491.D
 Acq On : 13 Sep 2017 15:45
 Operator : SJ/JU
 Sample : I5208-04 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 18:43:20 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	174066	20.00	ng	-0.02
21) Naphthalene-d8	7.94	136	697358	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	282704	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	438213	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	340465	20.00	ng	0.00
86) Perylene-d12	15.22	264	308570	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	686108	58.28	ng	-0.02
7) Phenol-d6	6.30	99	846594	56.64	ng	-0.02
23) Nitrobenzene-d5	7.22	82	491825	39.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	113376	60.09	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	834839	50.05	ng	-0.02
78) Terphenyl-d14	12.75	244	593773	37.64	ng	-0.02

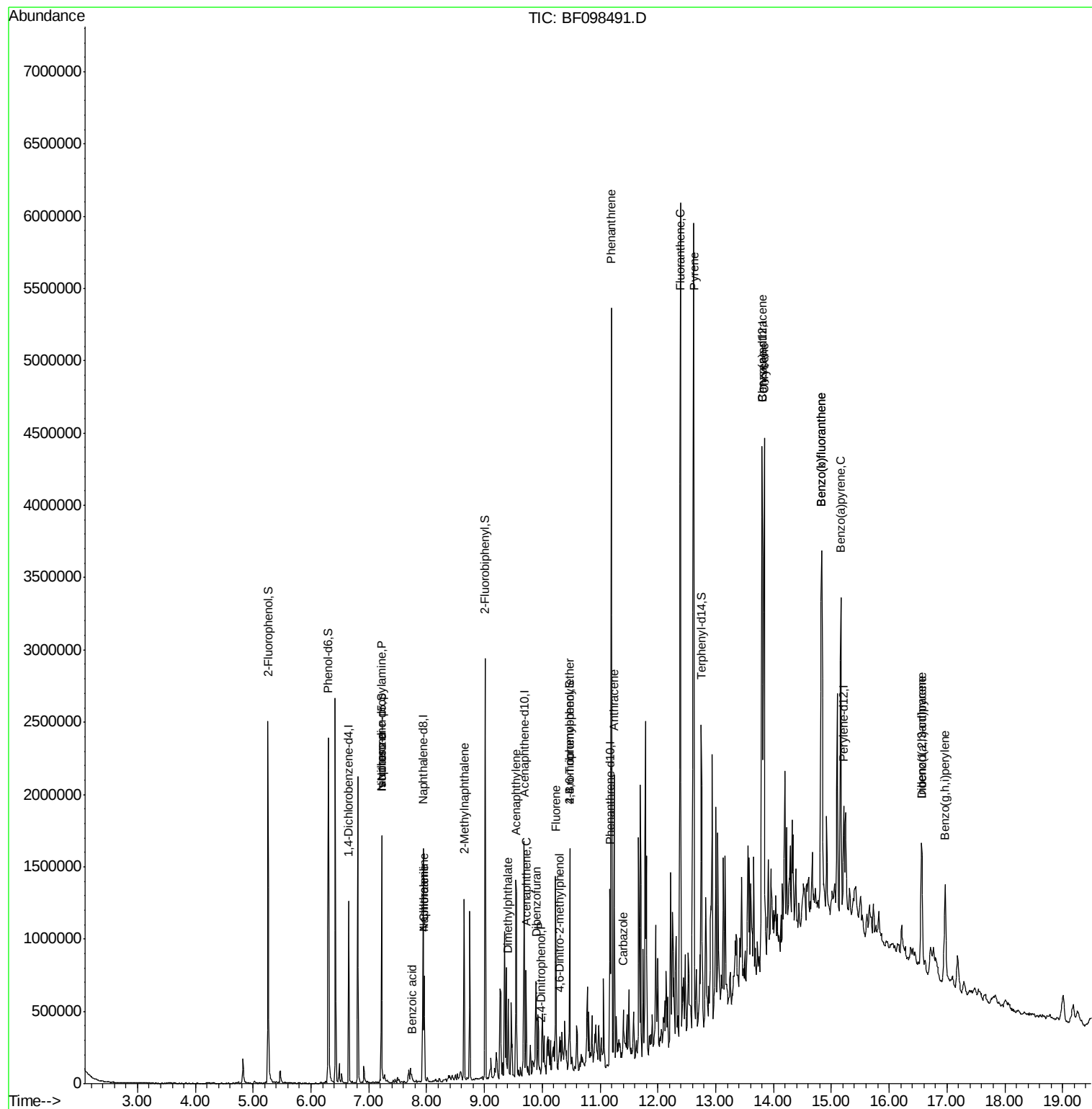
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.22	70	65921	7.011	ng	# 81
25) Isophorone	7.22	82	483793	19.116	ng	# 67
31) Naphthalene	7.96	128	279304	8.102	ng	100
32) Benzoic acid	7.75	122	1292	8.116	ng	# 72
33) 4-Chloroaniline	7.96	127	37062	2.645	ng	# 34
37) 2-Methylnaphthalene	8.65	142	317375	15.198	ng	99
48) Acenaphthylene	9.55	152	480822	17.895	ng	98
49) Dimethylphthalate	9.41	163	98417	4.497	ng	99
51) Acenaphthene	9.72	154	140518	8.227	ng	98
53) 2,4-Dinitrophenol	9.98	184	234	8.623	ng	# 1
54) Dibenzofuran	9.89	168	133354	5.927	ng	# 95
57) Fluorene	10.23	166	340114	18.262	ng	98
64) 4,6-Dinitro-2-methylphenol	10.29	198	137	5.010	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	8623	2.073	ng	# 1
70) Phenanthrene	11.20	178	2090995	90.009	ng	99
71) Anthracene	11.24	178	676928	28.381	ng	98
72) Carbazole	11.40	167	92087	4.143	ng	99
74) Fluoranthene	12.39	202	2796292	120.240	ng	100
77) Pyrene	12.62	202	2780430	103.523	ng	99
80) Benzo(a)anthracene	13.80	228	1507699	75.533	ng	94
82) Chrysene	13.84	228	1461639	72.441	ng	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	539502	38.111	ng	92
87) Benzo(b)fluoranthene	14.83	252	2023015	104.268	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	2023015	111.689	ng	97
89) Benzo(a)pyrene	15.16	252	1066605	61.706	ng	96
90) Dibenzo(a,h)anthracene	16.56	278	151246	12.029	ng	# 74
91) Benzo(g,h,i)perylene	16.97	276	496890	39.289	ng	97

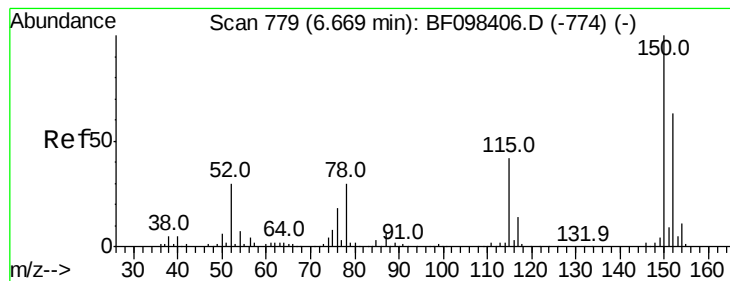
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampled :

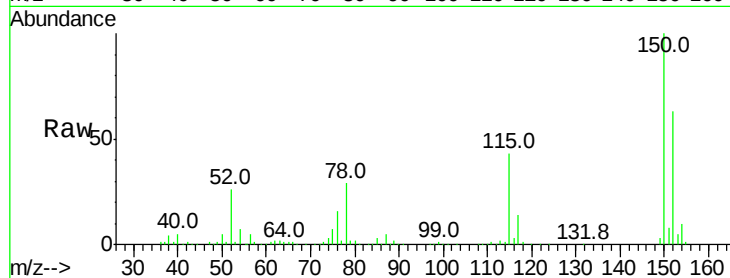
Tot Ion:152 Resp: 174066

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

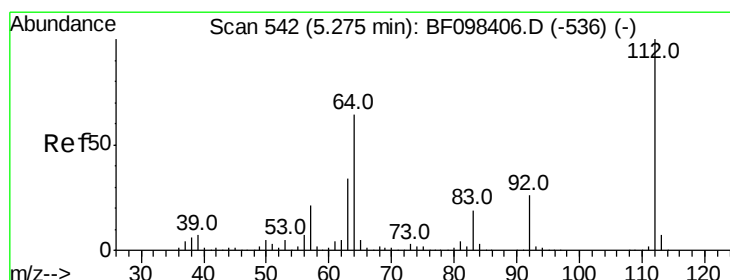
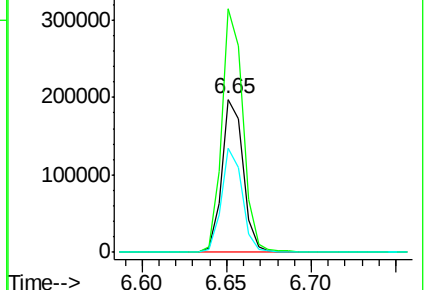
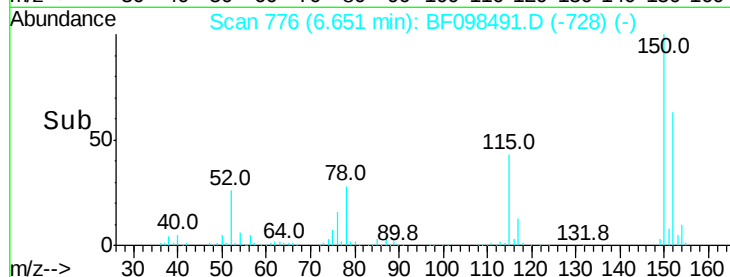
115 68.5 52.2 78.2



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: 58.278 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

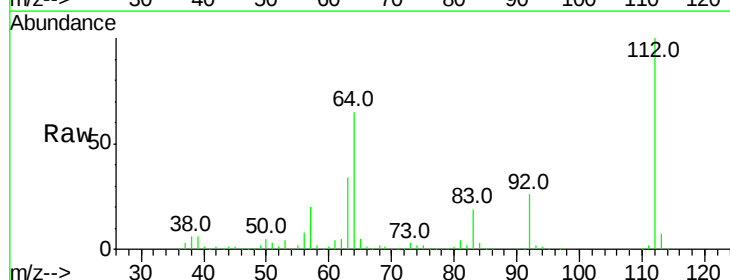
Tgt Ion:112 Resp: 686108

Ion Ratio Lower Upper

112 100

64 65.4 46.0 69.0

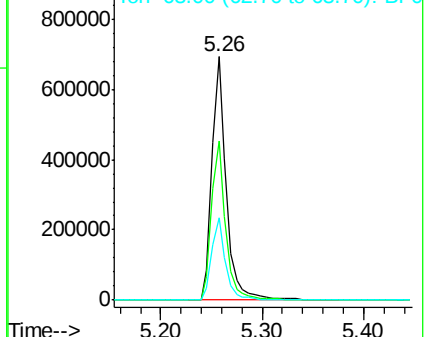
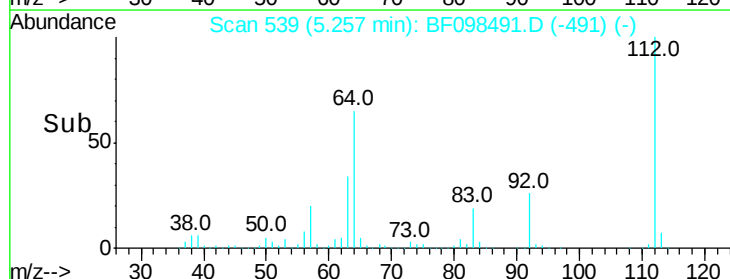
63 33.7 23.4 35.0

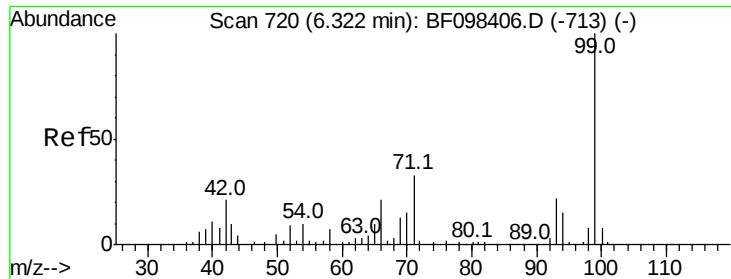


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.637 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

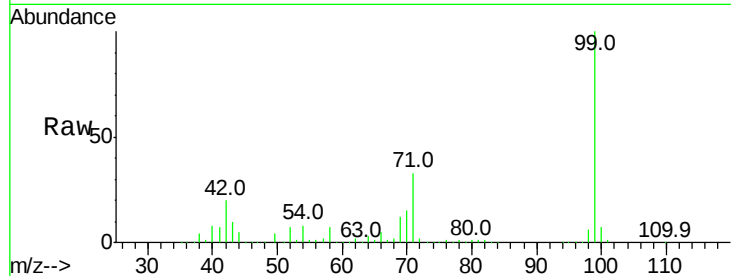
Tot Ion: 99 Resp: 846594

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

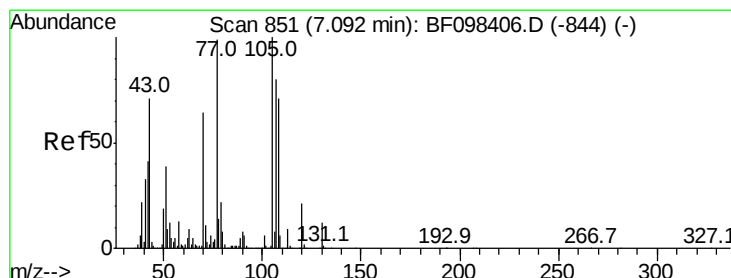
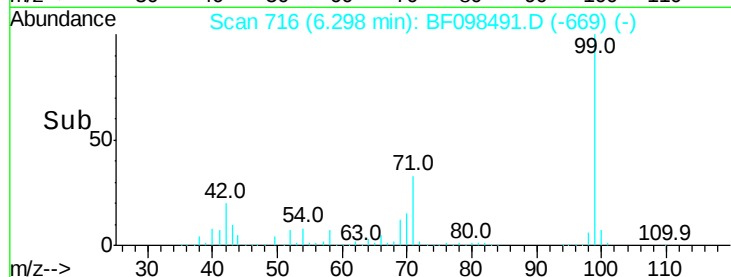
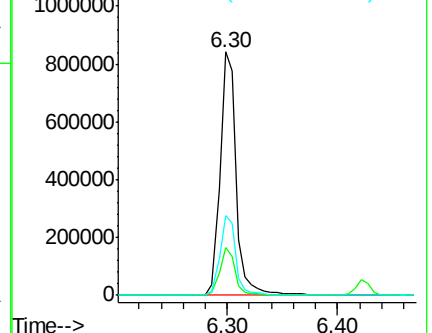
71 32.9 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.011 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Tgt Ion: 70 Resp: 65921

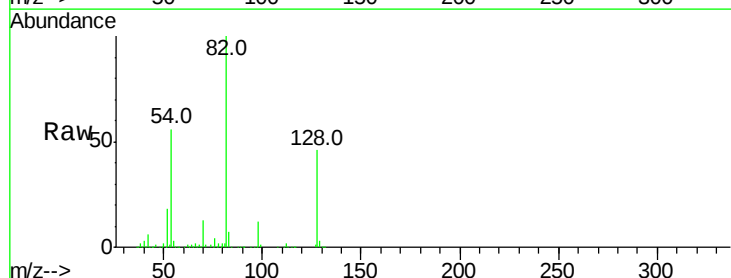
Ion Ratio Lower Upper

70 100

42 50.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

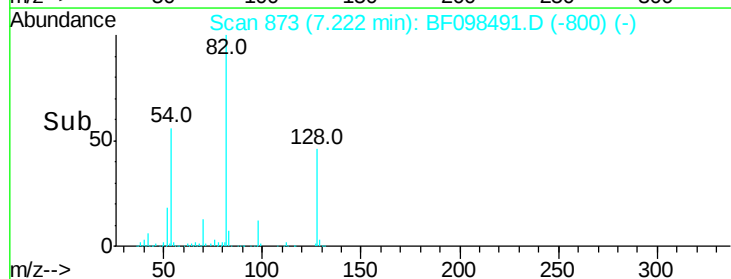
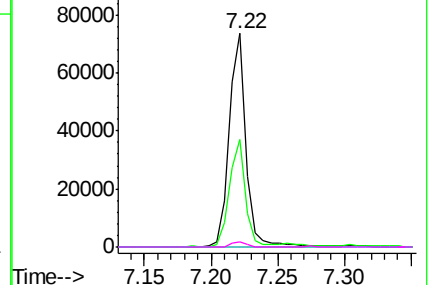


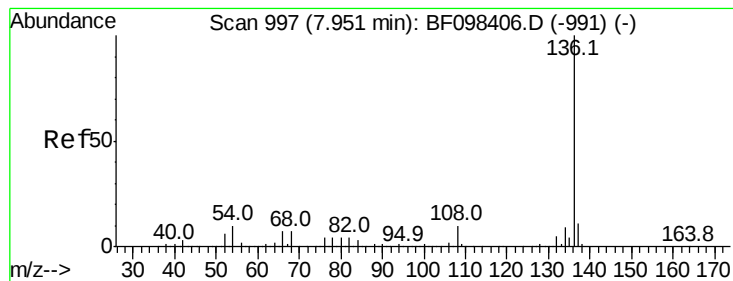
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF098491.D

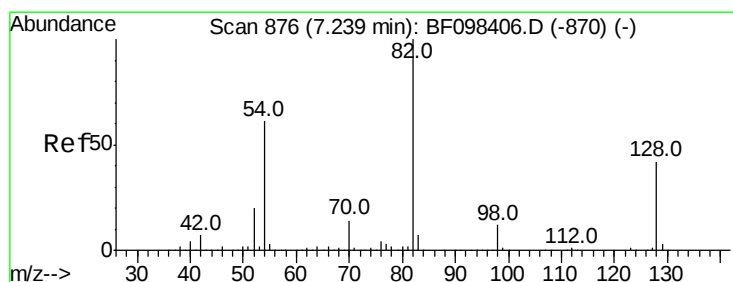
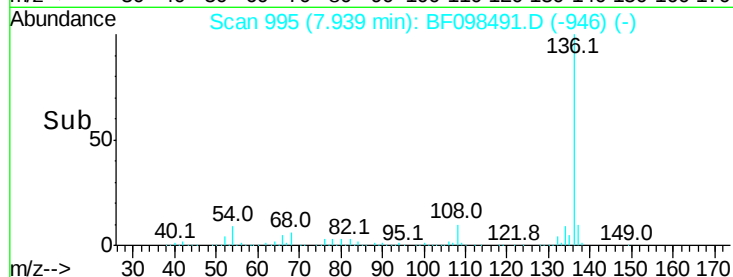
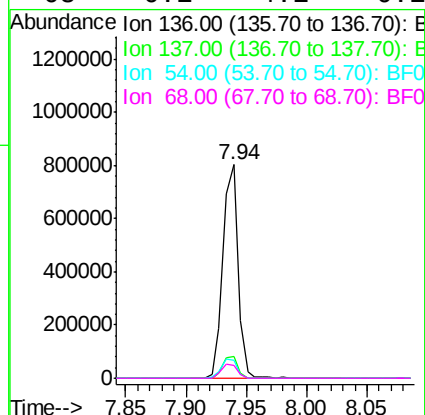
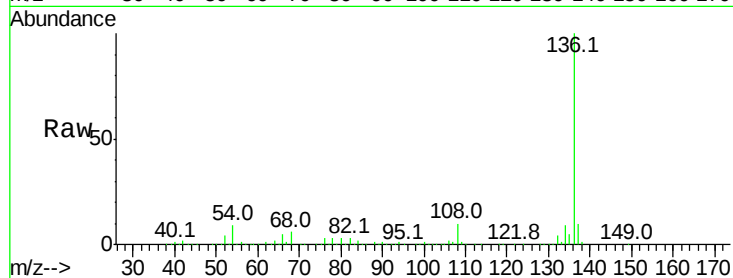
Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	697358
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.6	4.9	7.3#
68	6.1	4.1	6.1



#23

Nitrobenzene-d5

Concen: 39.318 ng

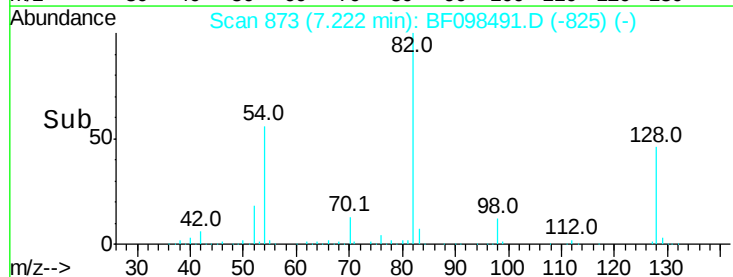
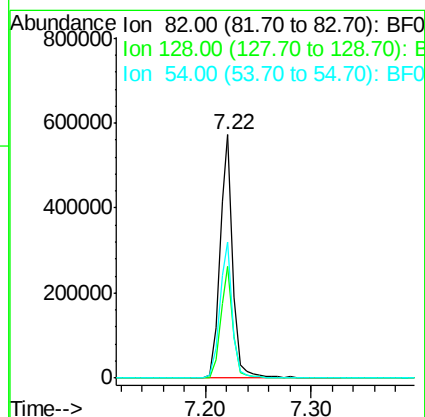
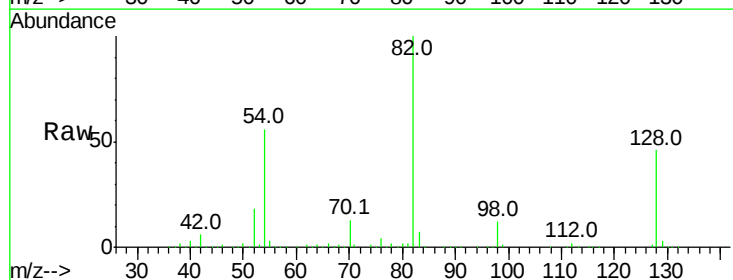
RT: 7.22 min Scan# 873

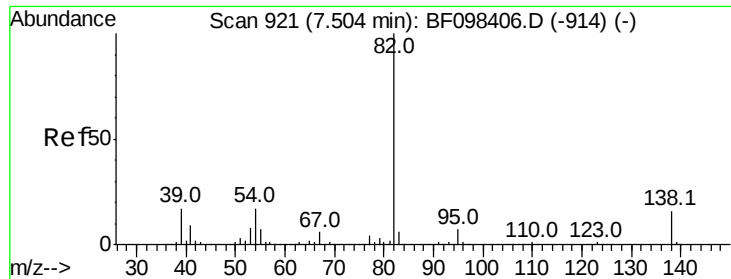
Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Tgt Ion:	82	Resp:	491825
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	55.6	42.2	63.2





#25

Isophorone

Concen: 19.116 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

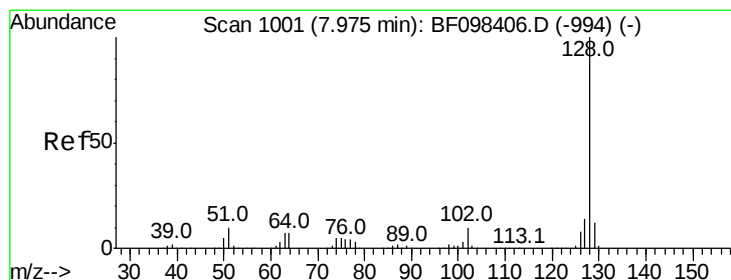
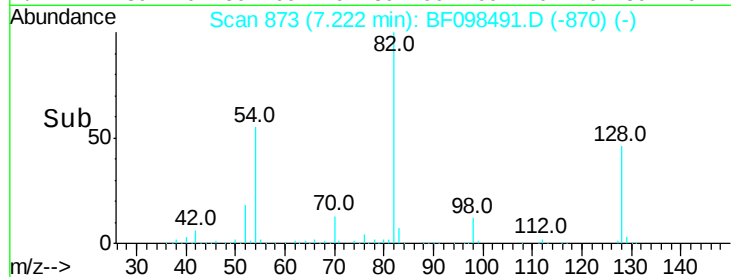
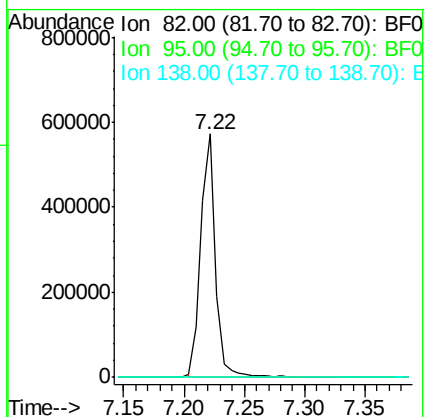
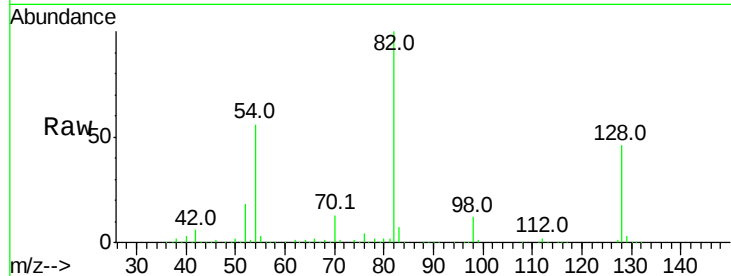
Tot Ion: 82 Resp: 483793

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#31

Naphthalene

Concen: 8.102 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

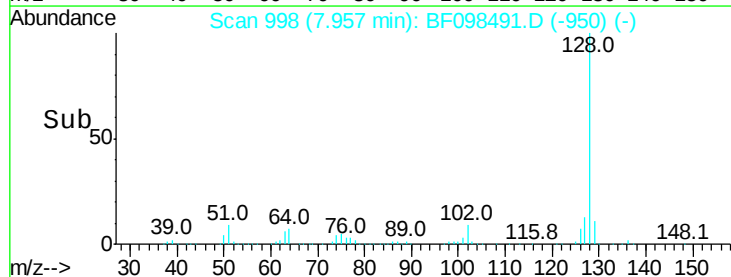
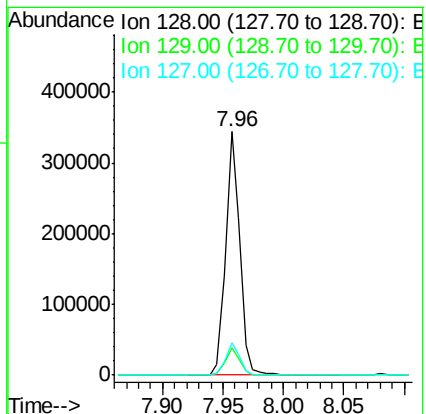
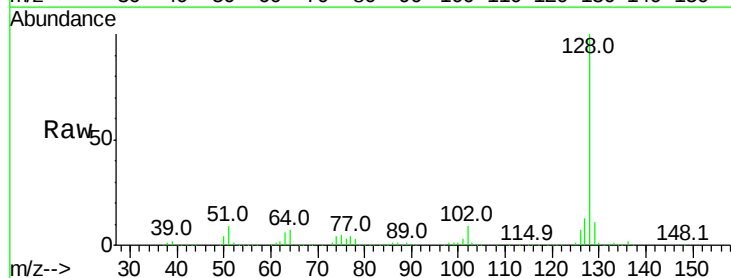
Tgt Ion: 128 Resp: 279304

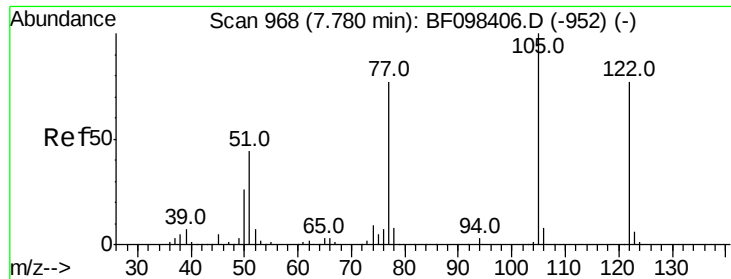
Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 13.5 10.8 16.2

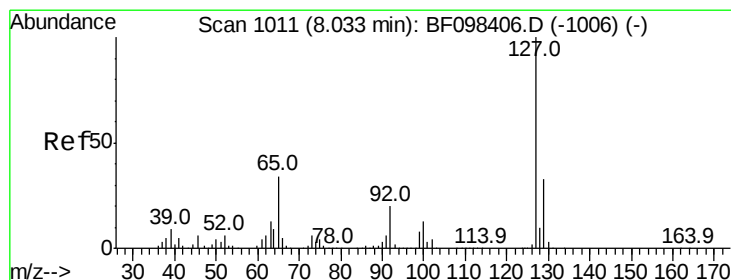
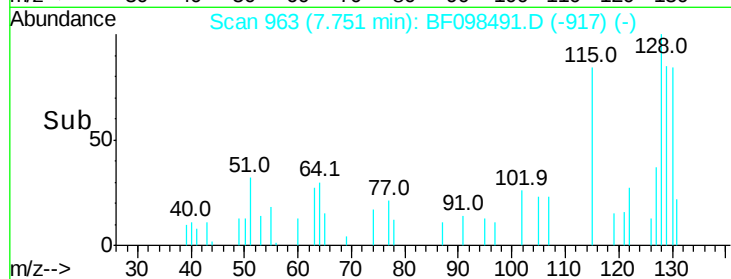
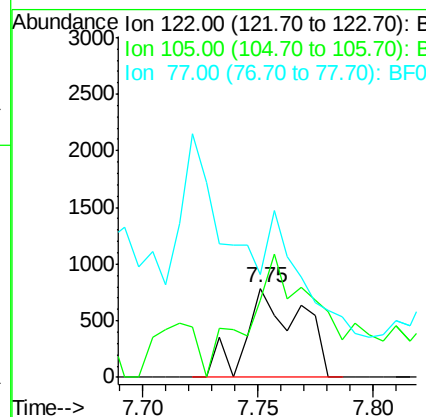
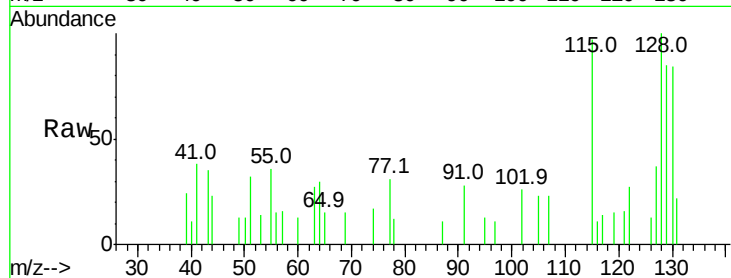




#32
Benzoic acid
Concen: 8.116 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

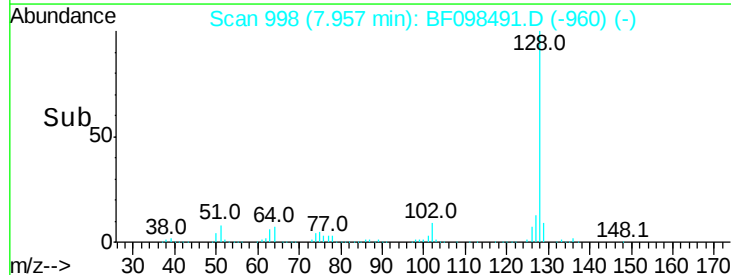
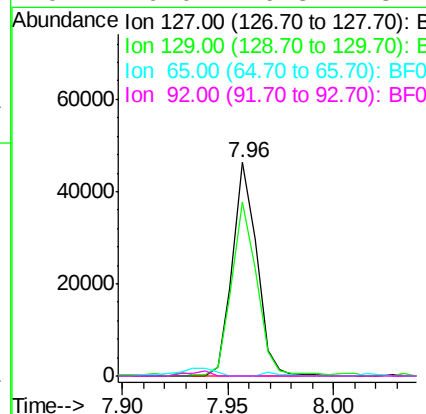
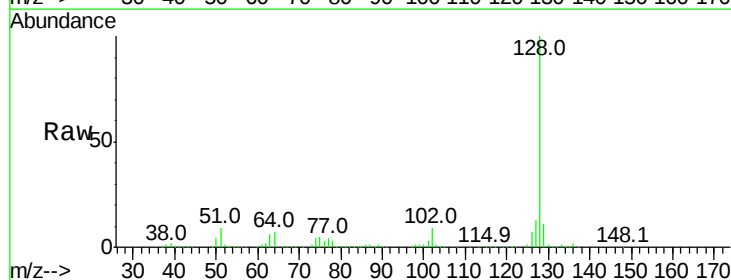
Instrument :
BNA_F
ClientSampled :

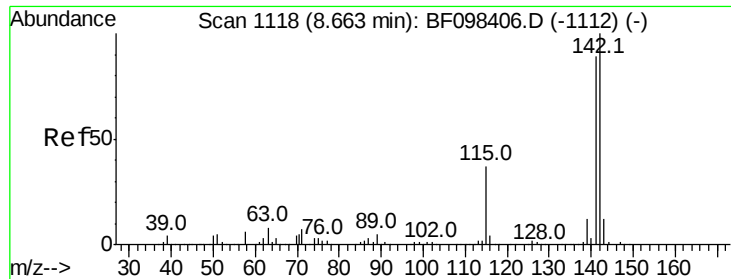
Tot Ion	Ratio	Lower	Upper
122	100		
105	87.1	103.3	143.3#
77	115.5	73.7	113.7#



#33
4-Chloroaniline
Concen: 2.645 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.08 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion	Ratio	Lower	Upper
127	100		
129	81.6	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#





#37

2-Methylnaphthalene

Concen: 15.198 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

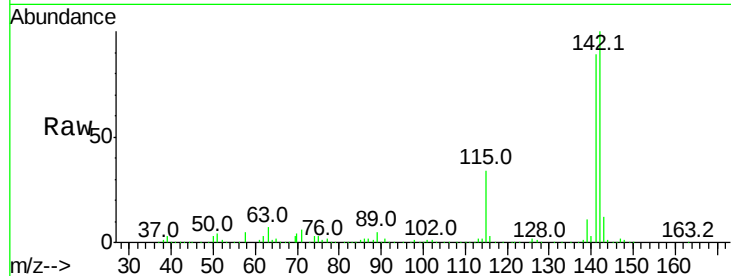
Tot Ion:142 Resp: 317375

Ion Ratio Lower Upper

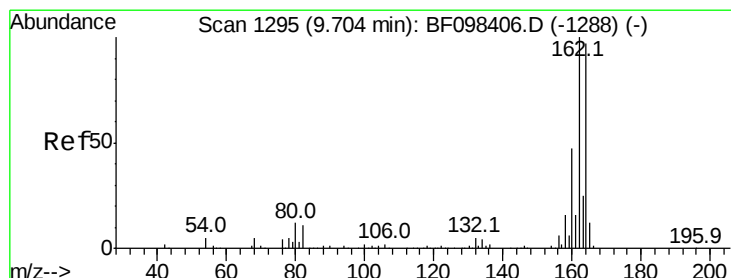
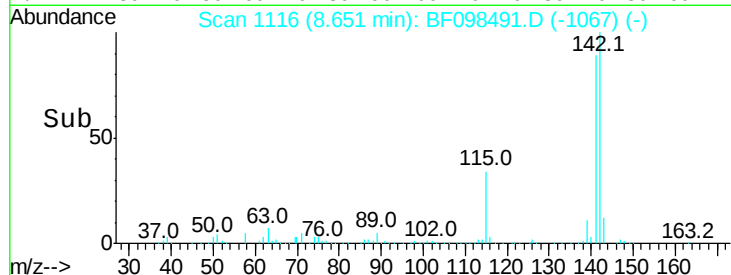
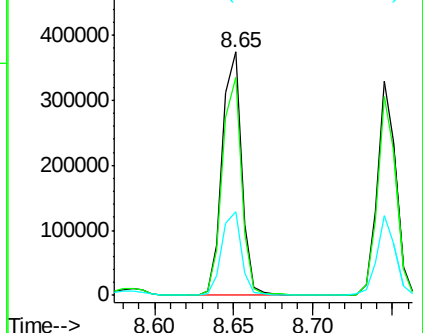
142 100

141 89.5 71.3 106.9

115 34.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

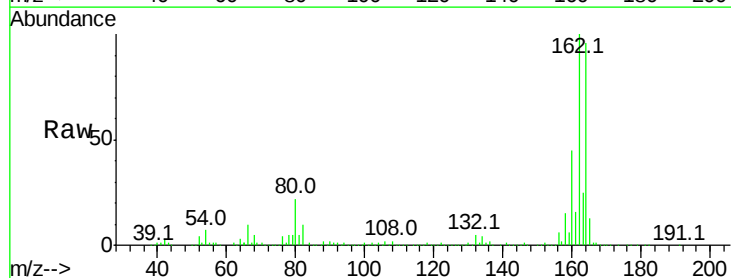
Tgt Ion:164 Resp: 282704

Ion Ratio Lower Upper

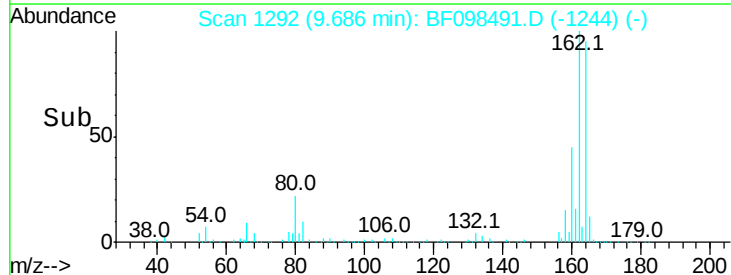
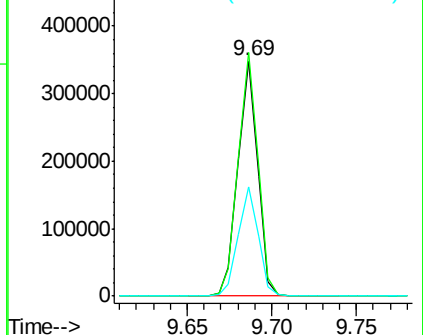
164 100

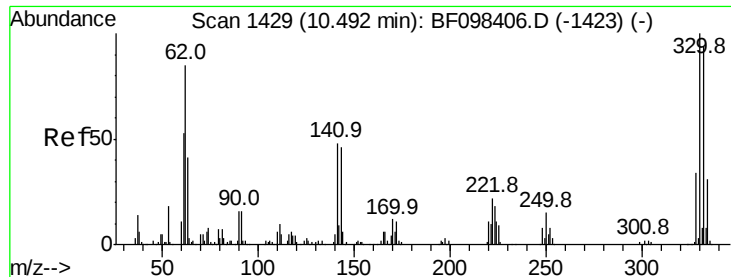
162 103.6 82.6 123.8

160 46.6 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

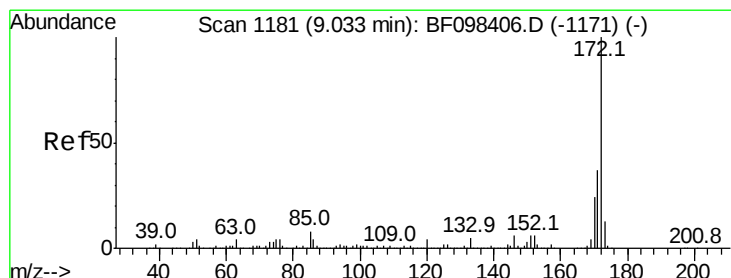
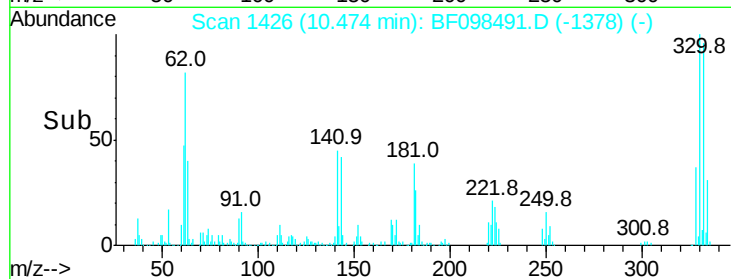
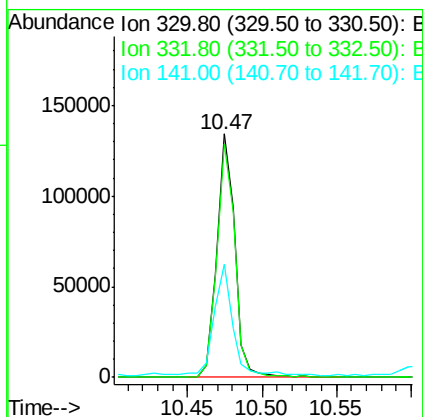
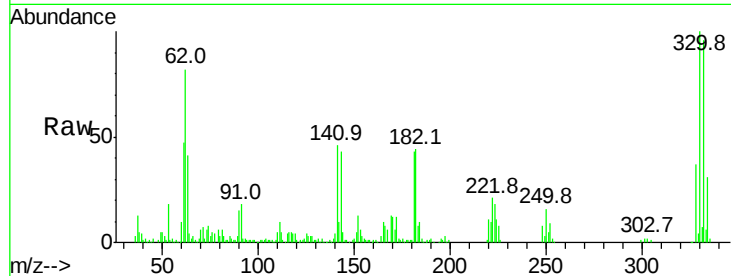




#41
 2,4,6-Tribromophenol
 Concen: 60.088 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098491.D
 Acq: 13 Sep 2017 15:45

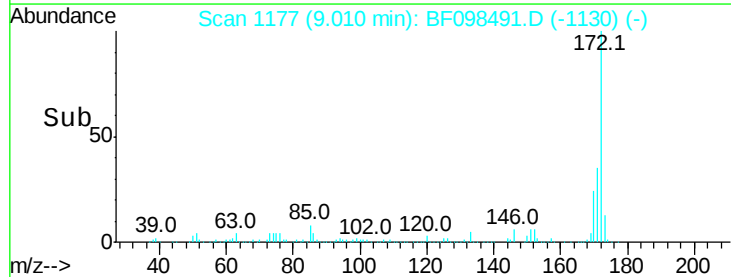
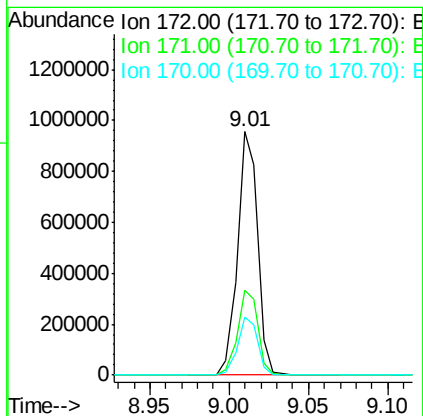
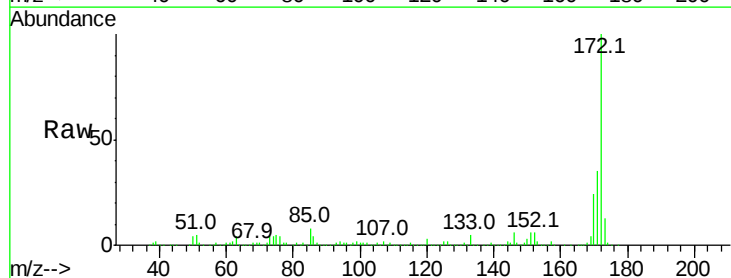
Instrument :
 BNA_F
 ClientSampleId :

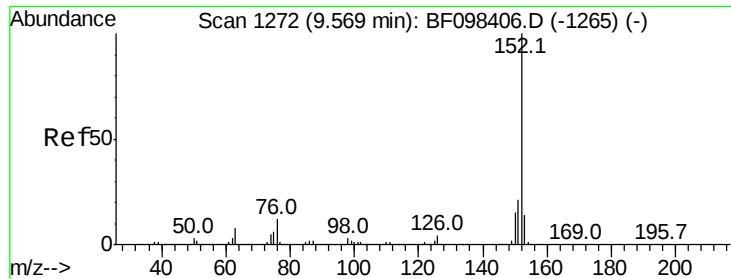
Tot Ion:330 Resp: 113376
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 47.9 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 50.052 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098491.D
 Acq: 13 Sep 2017 15:45

Tgt Ion:172 Resp: 834839
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.9 19.8 29.8





#48

Acenaphthylene

Concen: 17.895 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

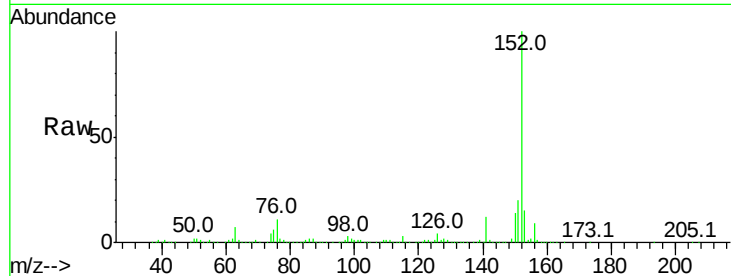
Tot Ion:152 Resp: 480822

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

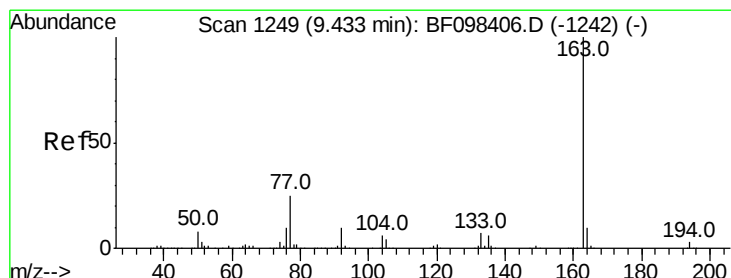
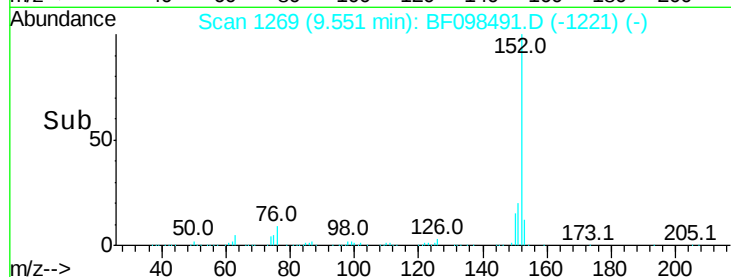
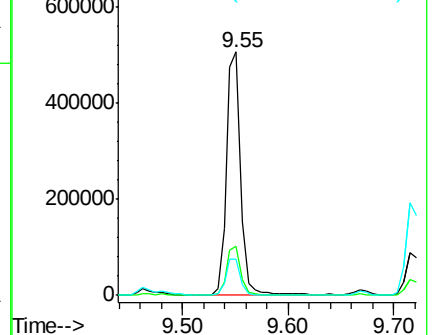
153 14.7 10.8 16.2



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: 4.497 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

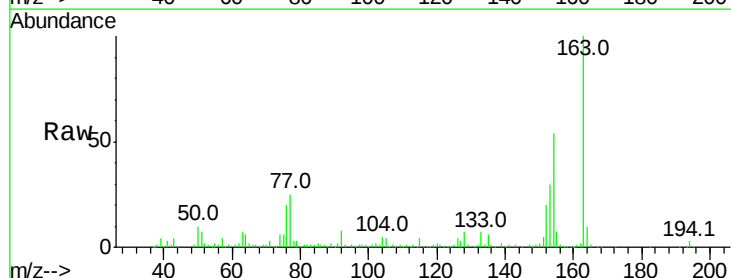
Tgt Ion:163 Resp: 98417

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

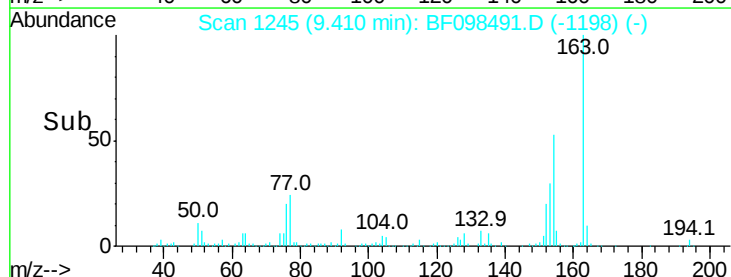
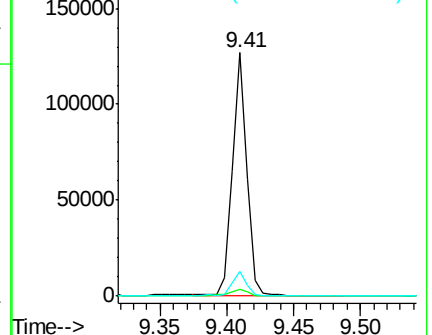
164 10.2 8.4 12.6

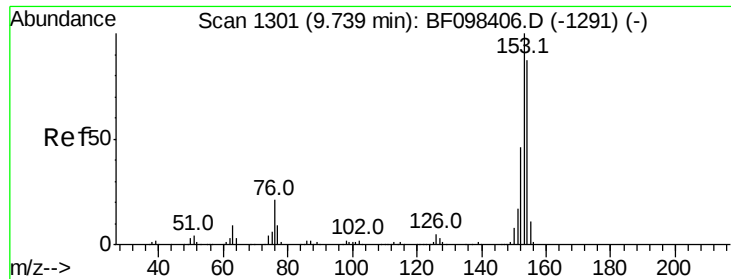


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 8.227 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

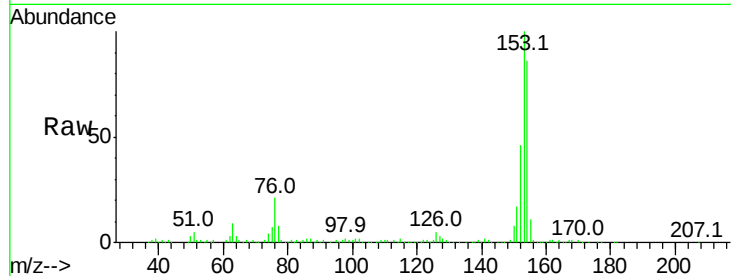
Tot Ion:154 Resp: 140518

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

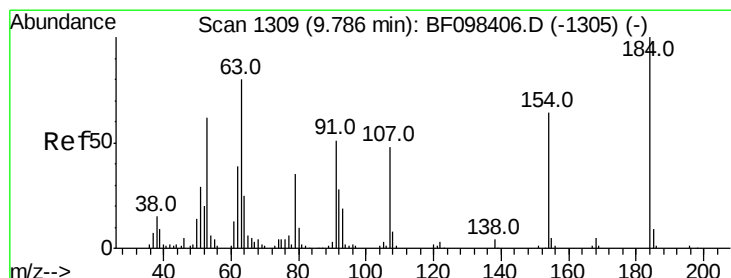
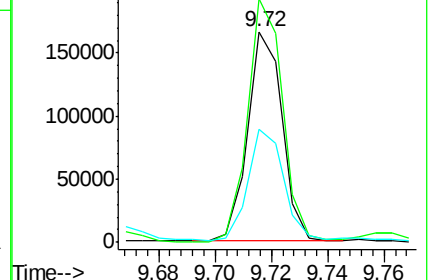
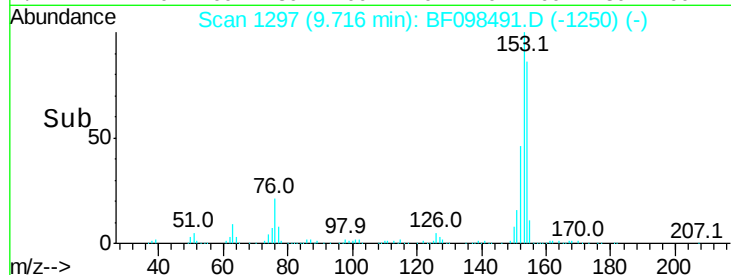
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 8.623 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.19 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

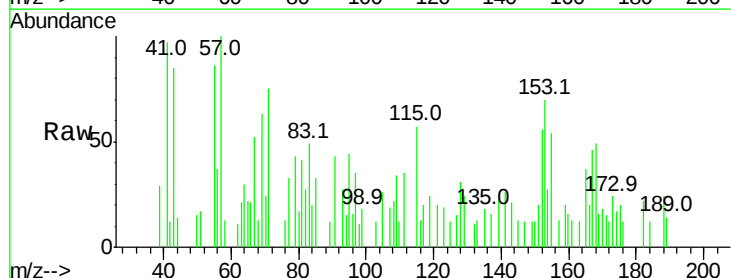
Tgt Ion:184 Resp: 234

Ion Ratio Lower Upper

184 100

63 172.1 62.7 94.1#

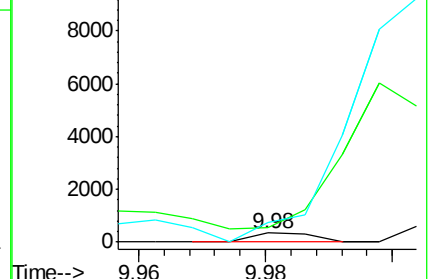
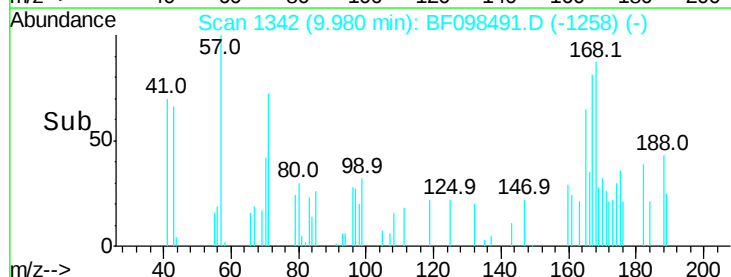
154 221.6 81.1 121.7#

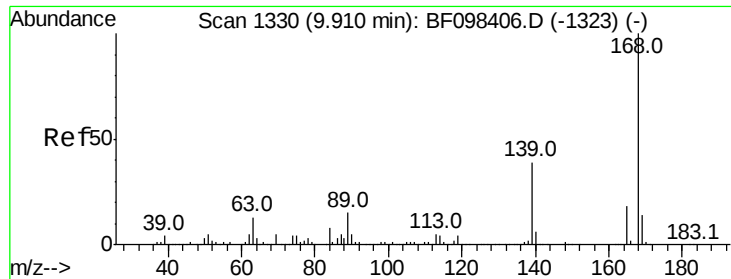


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

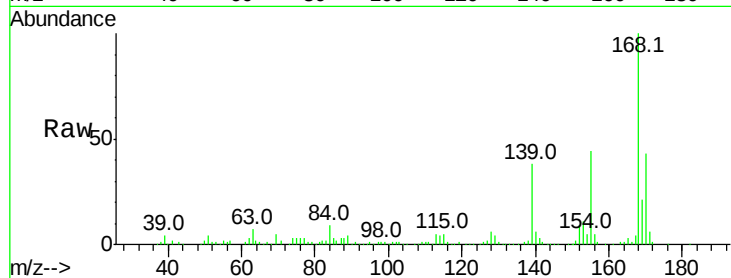




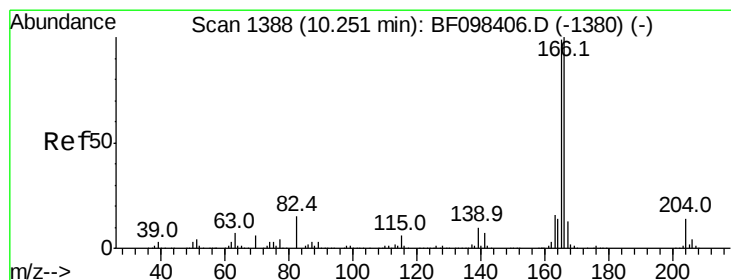
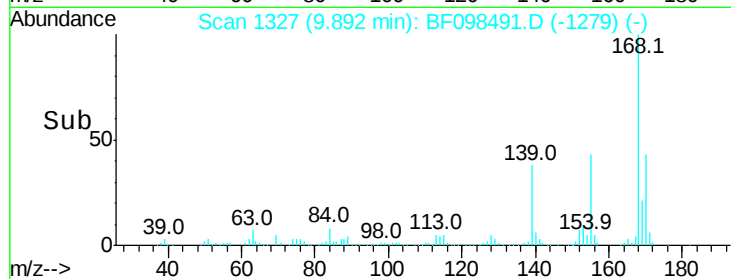
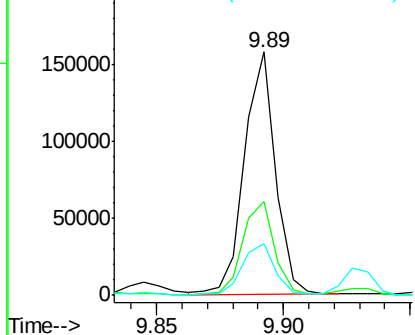
#54
Dibenzenofuran
Concen: 5.927 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	21.2	10.8	16.2#

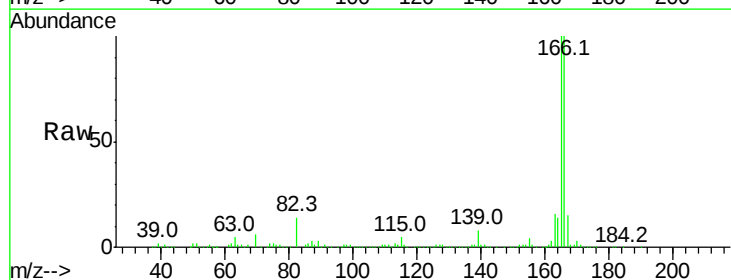


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

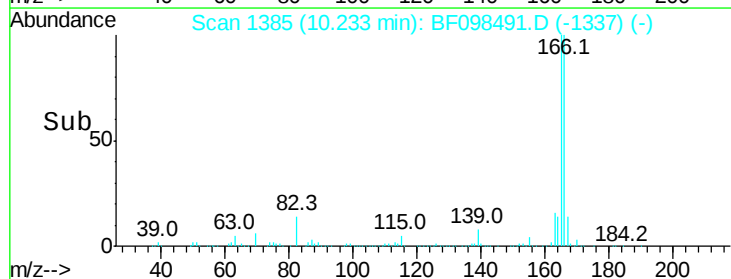
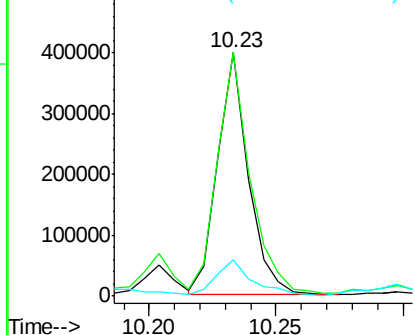


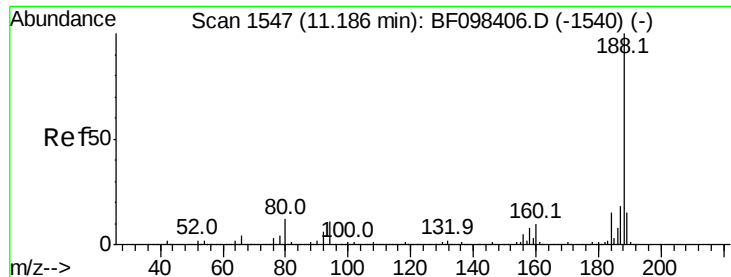
#57
Fluorene
Concen: 18.262 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	14.7	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

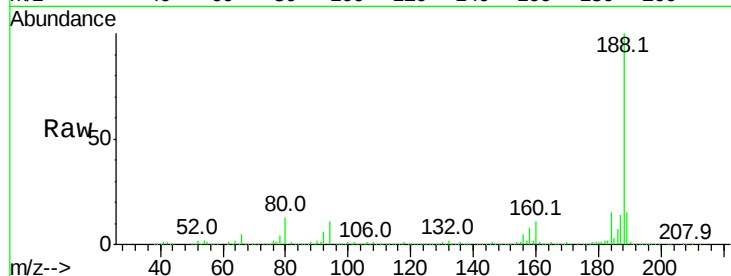




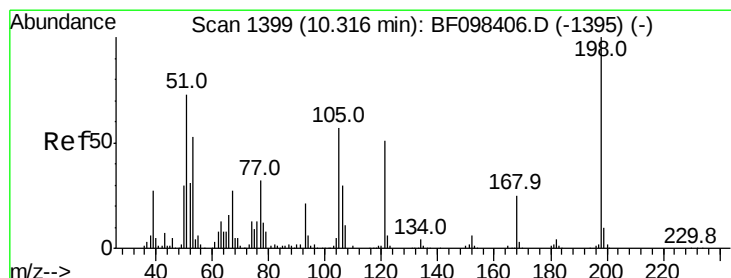
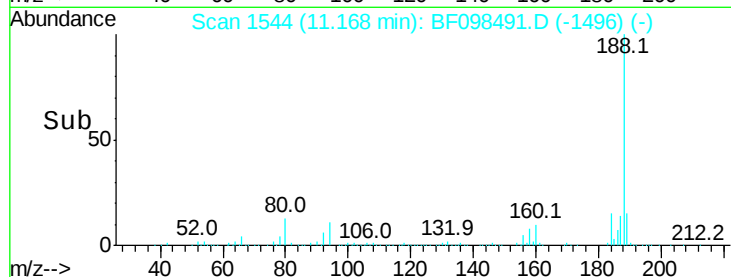
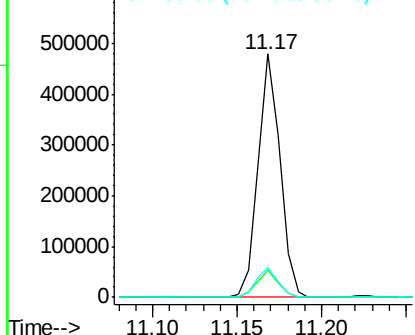
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 438213
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.5 10.2 15.2

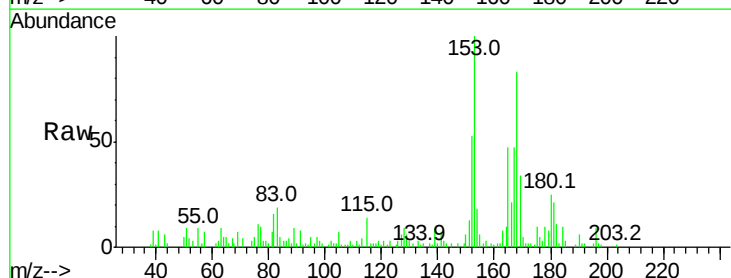


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

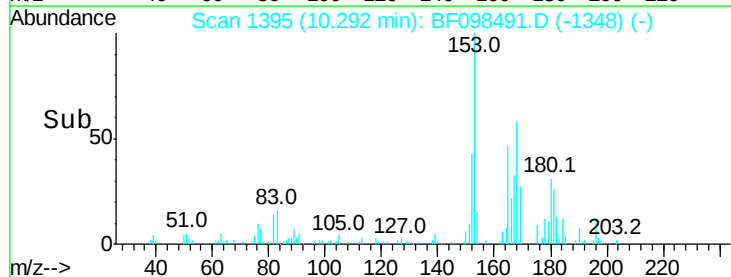
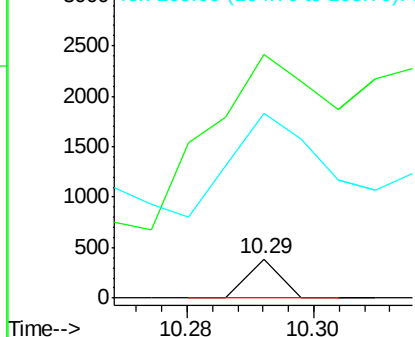


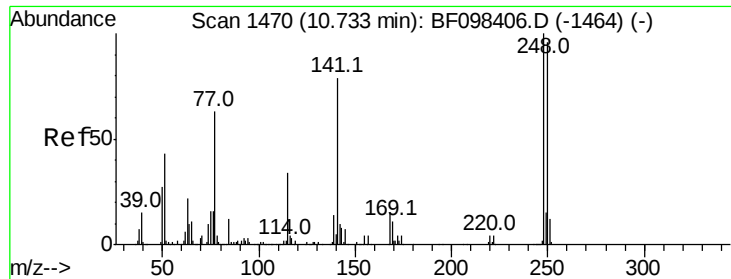
#64
4,6-Dinitro-2-methylphenol
Concen: 5.010 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:198 Resp: 137
Ion Ratio Lower Upper
198 100
51 620.1 53.2 93.2#
105 471.0 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

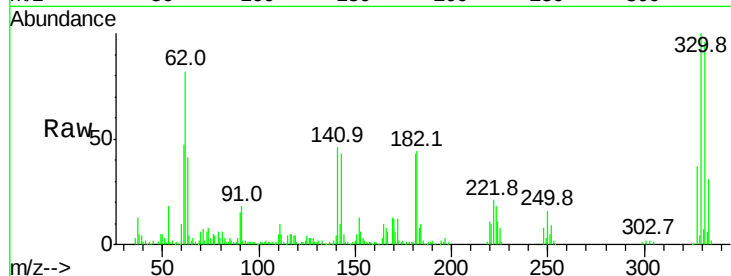




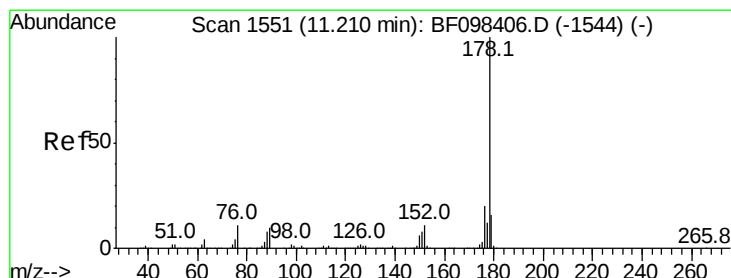
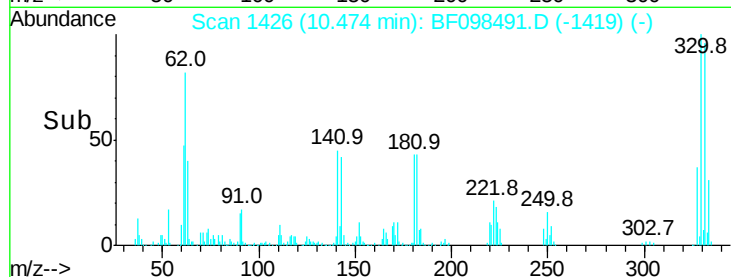
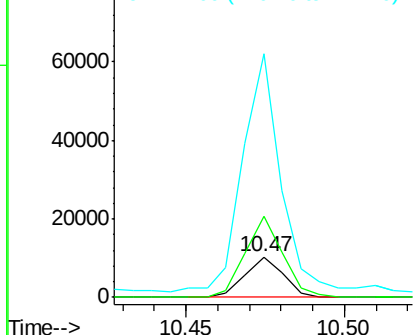
#66
 4-Bromophenyl-phenylether
 Concen: 2.073 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.26 min
 Lab File: BF098491.D
 Acq: 13 Sep 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8623
 Ion Ratio Lower Upper
 248 100
 250 202.4 76.8 115.2#
 141 603.2 68.6 103.0#

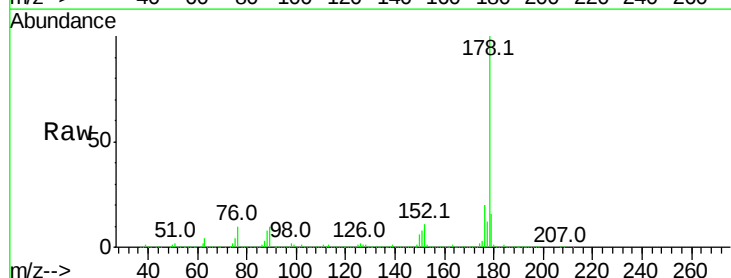


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

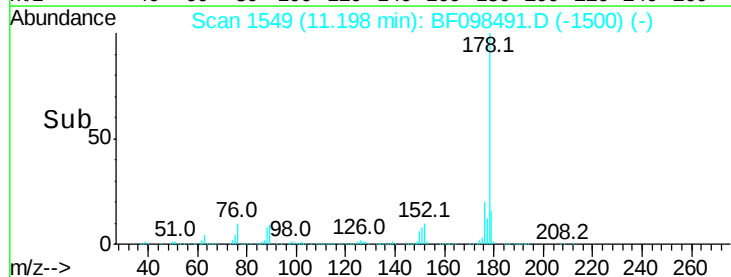
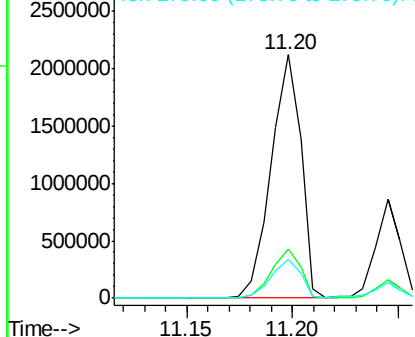


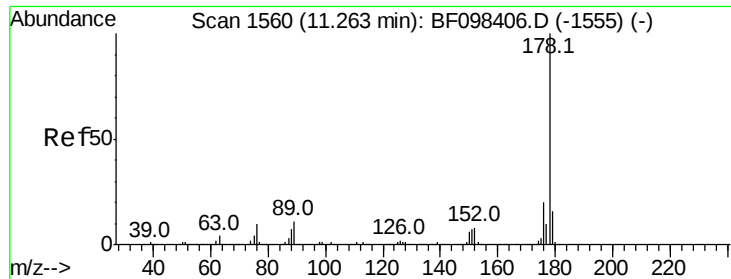
#70
 Phenanthrene
 Concen: 90.009 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF098491.D
 Acq: 13 Sep 2017 15:45

Tgt Ion:178 Resp: 2090995
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.9 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: 28.381 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

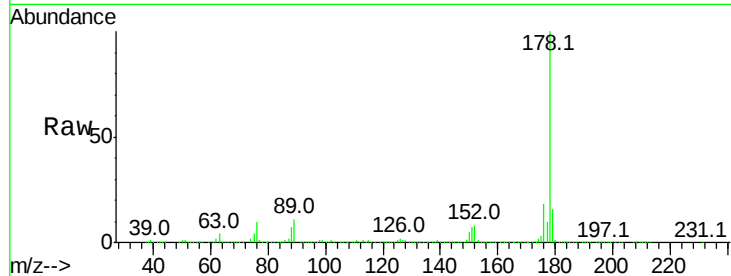
Tot Ion:178 Resp: 676928

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

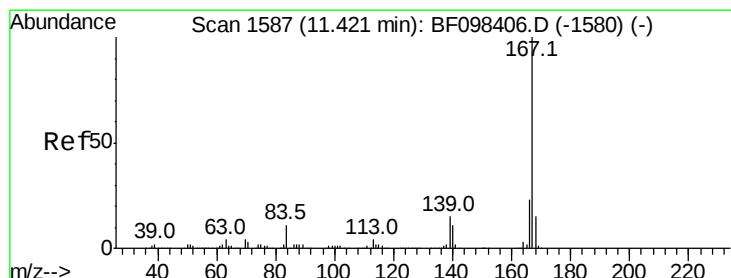
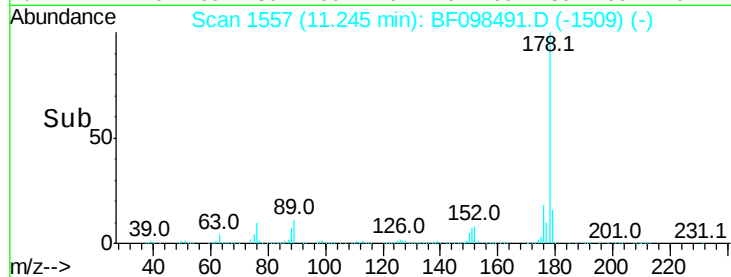
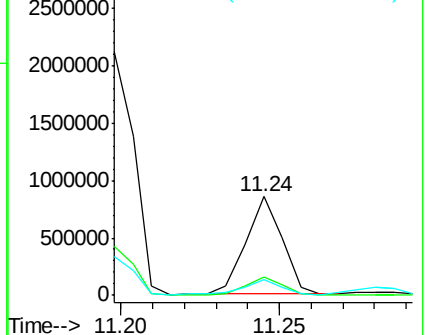
179 16.1 12.7 19.1



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: 4.143 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

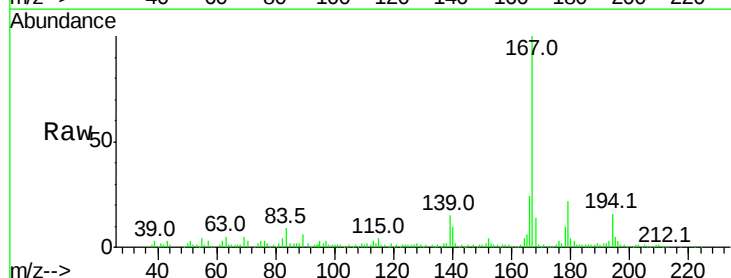
Tgt Ion:167 Resp: 92087

Ion Ratio Lower Upper

167 100

166 23.6 18.1 27.1

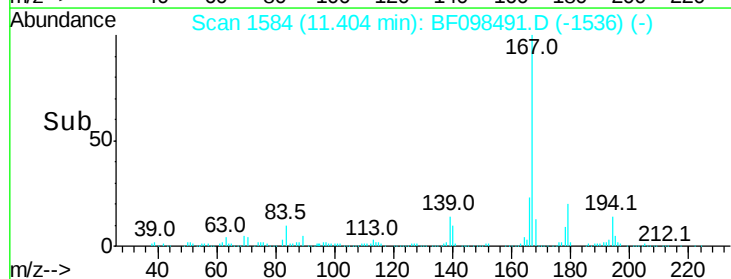
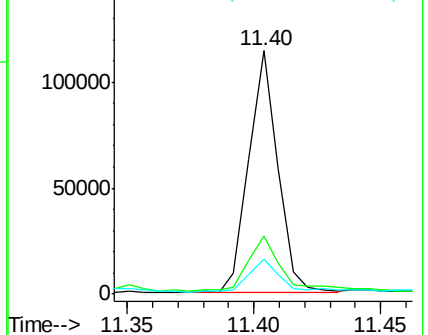
139 14.5 11.7 17.5

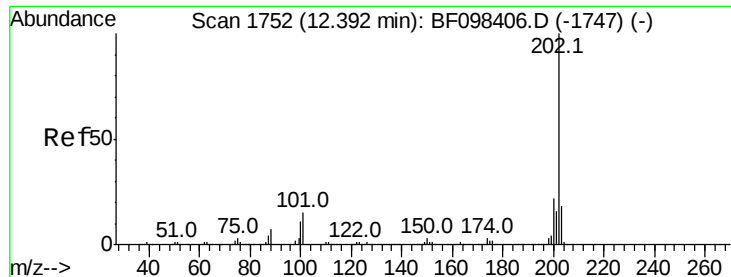


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 120.240 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

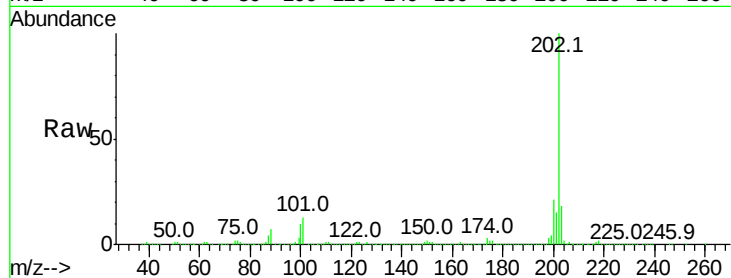
Tot Ion:202 Resp: 2796292

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

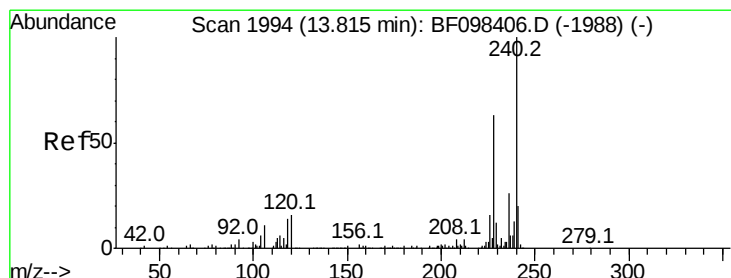
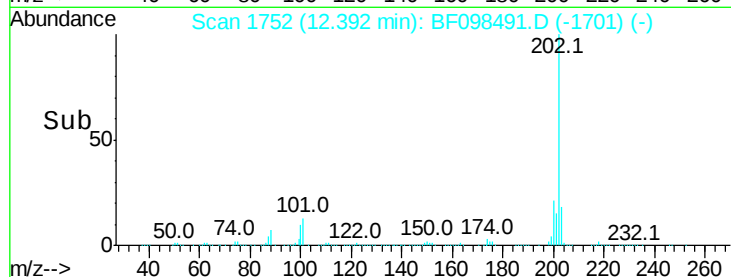
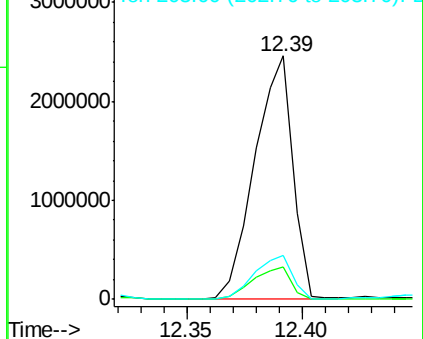
203 18.0 0.0 38.1



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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

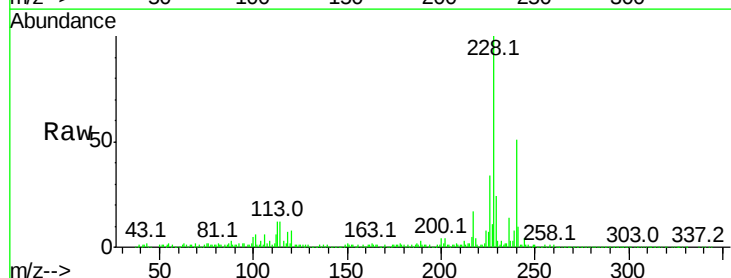
Tgt Ion:240 Resp: 340465

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

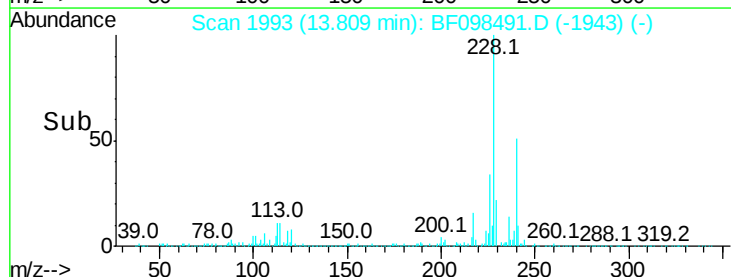
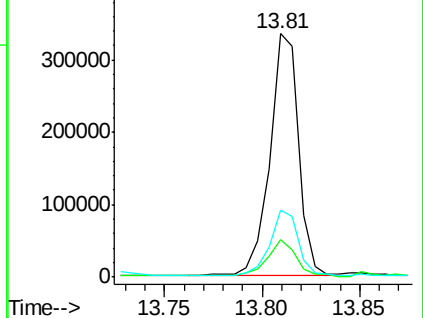
236 27.4 20.5 30.7

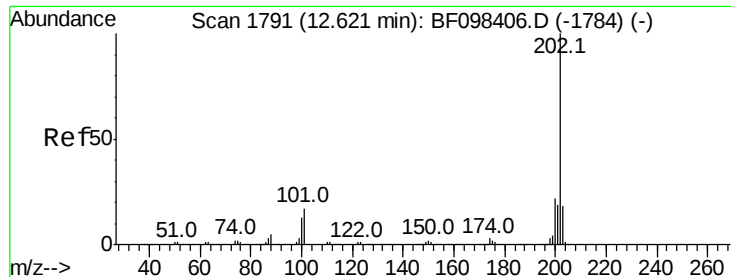


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 103.523 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

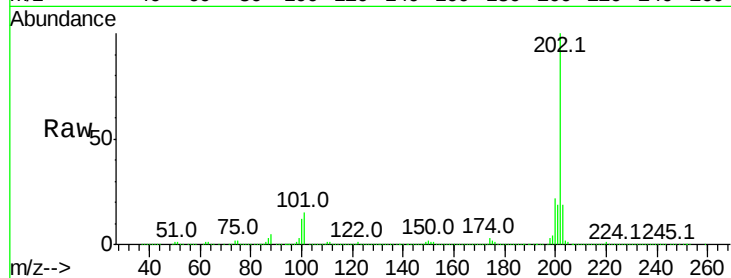
Tot Ion:202 Resp: 2780430

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.6	14.4	21.6

202 100

200 21.7 17.6 26.4

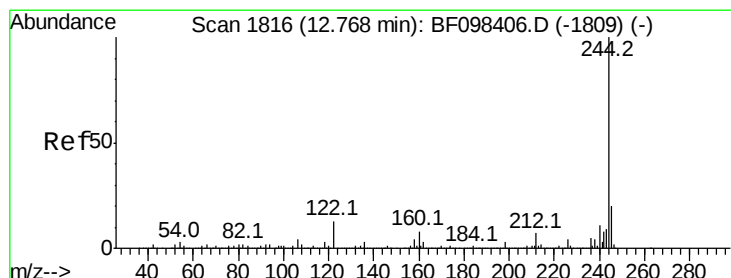
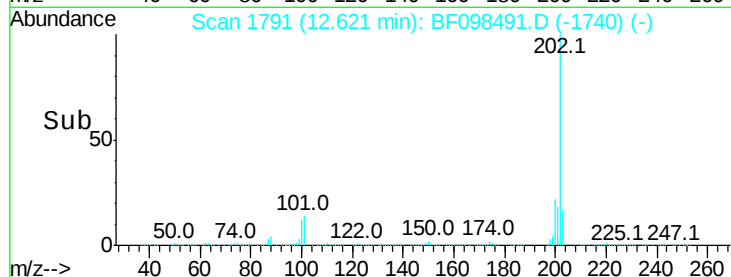
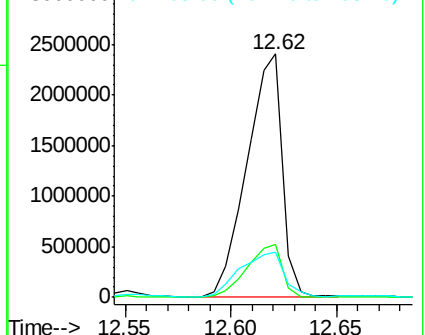
203 18.6 14.4 21.6



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: 37.644 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

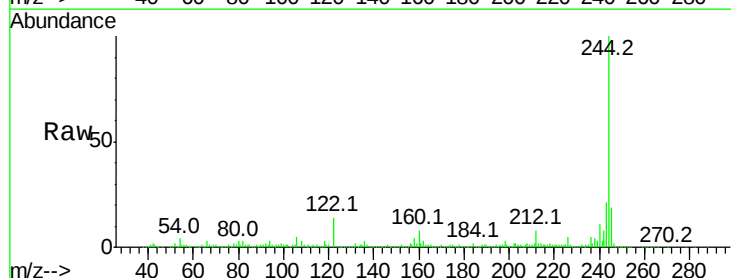
Tgt Ion:244 Resp: 593773

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.2	10.3	15.5

244 100

212 7.6 6.0 9.0

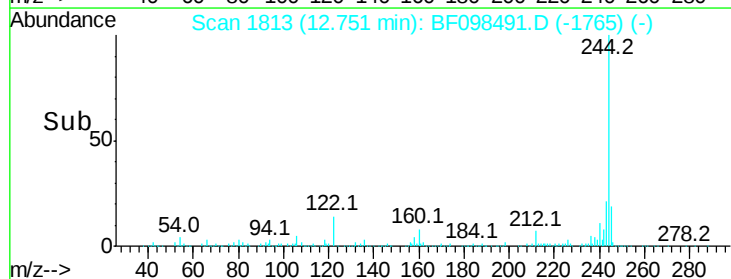
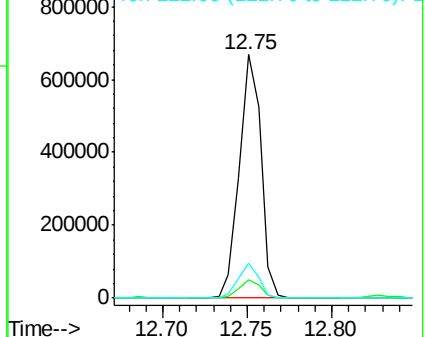
122 14.2 10.3 15.5

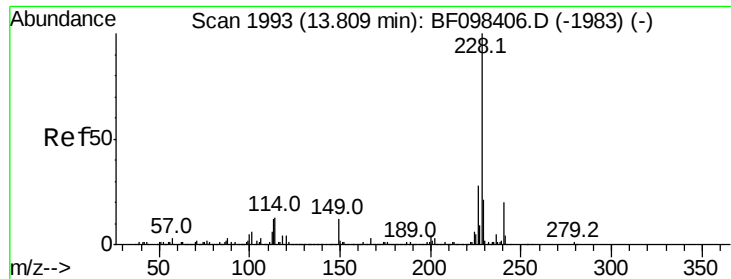


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

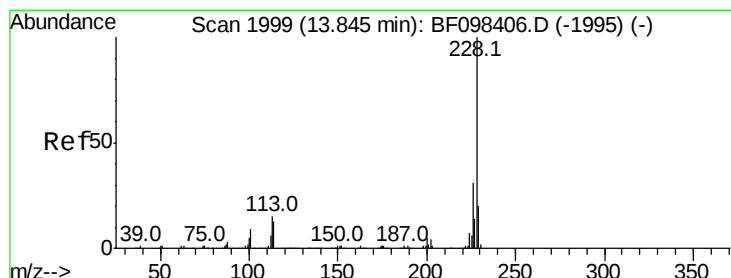
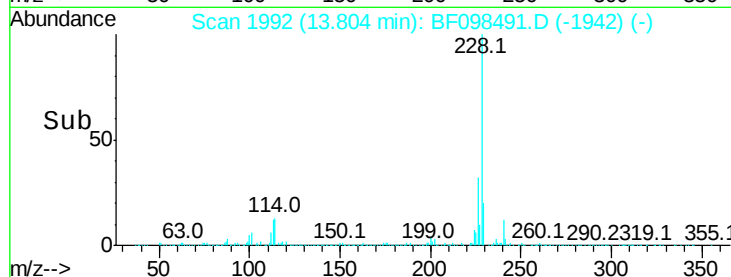
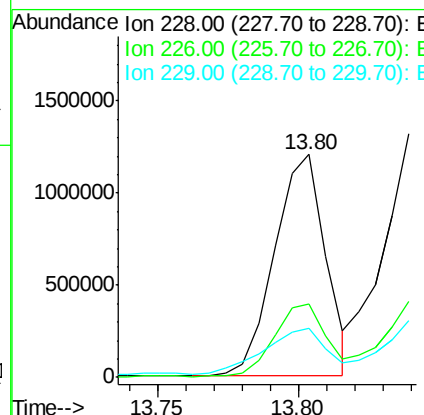
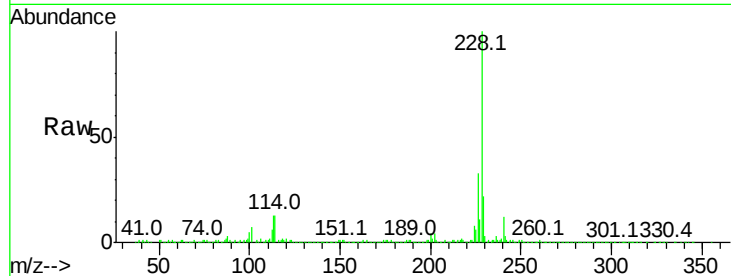




#80
Benzo(a)anthracene
Concen: 75.533 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

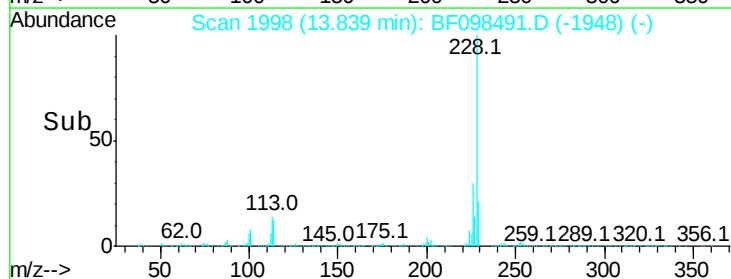
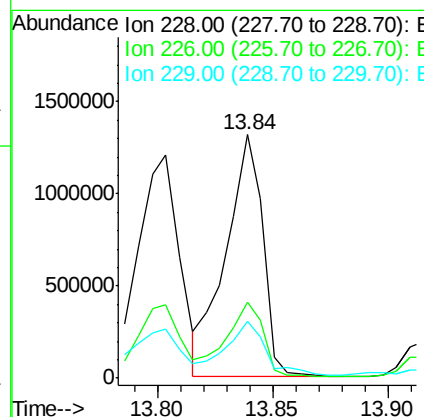
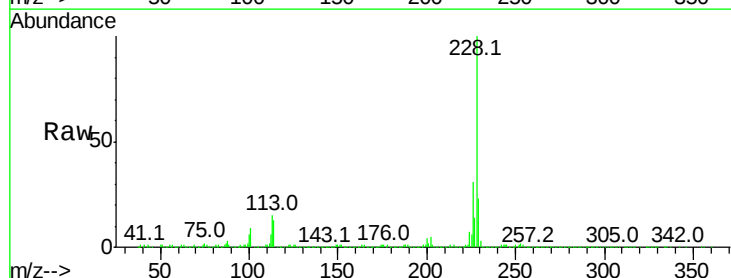
Instrument :
BNA_F
ClientSampleId :

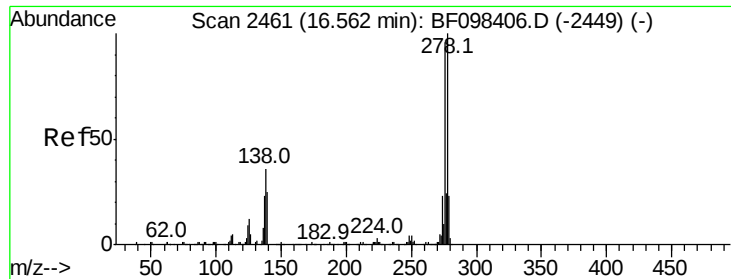
Tot Ion:228 Resp: 1507699
Ion Ratio Lower Upper
228 100
226 32.7 22.6 33.8
229 21.8 16.3 24.5



#82
Chrysene
Concen: 72.441 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:228 Resp: 1461639
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 23.2 15.8 23.6

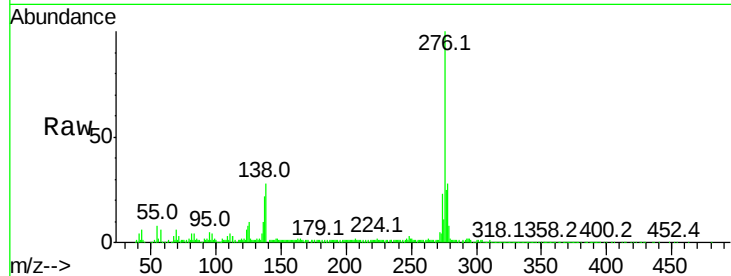




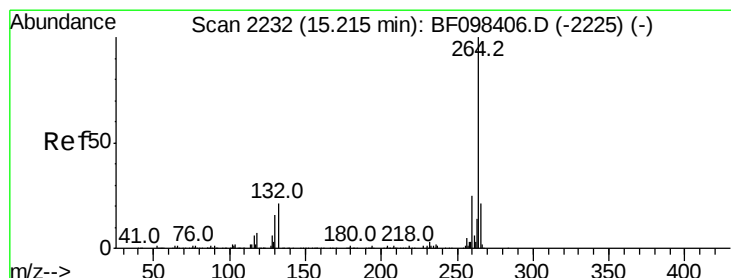
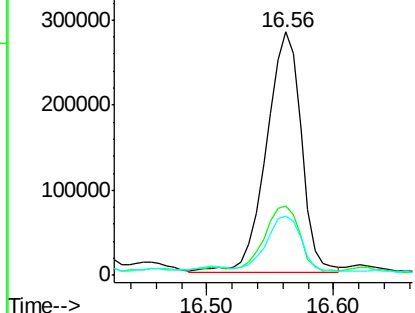
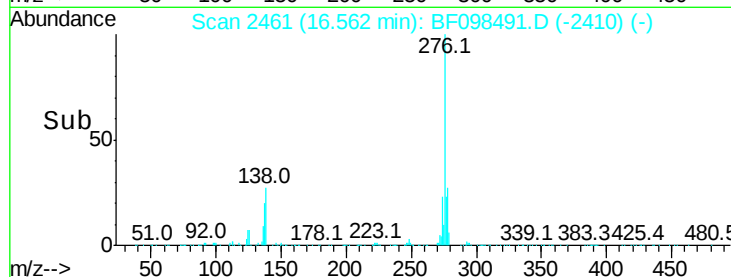
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.111 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BF098491.D
 Acq: 13 Sep 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	23.0	20.2	30.4

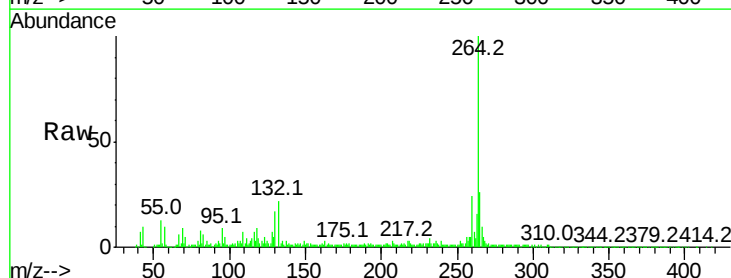


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

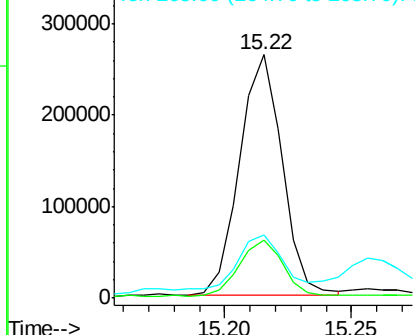
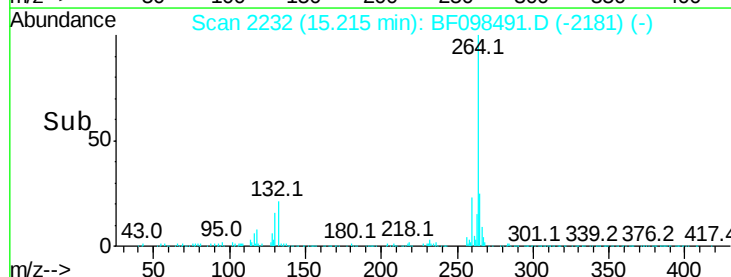


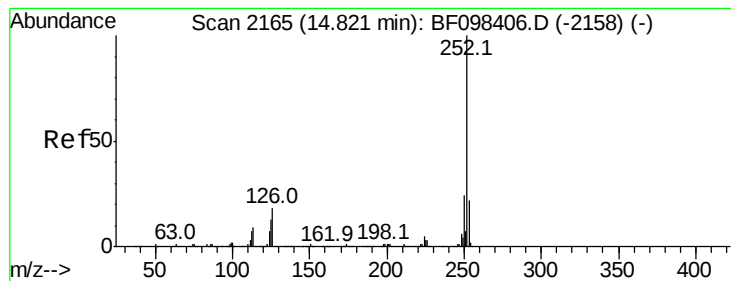
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BF098491.D
 Acq: 13 Sep 2017 15:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	25.9	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: 104.268 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

Instrument :

BNA_F

ClientSampleId :

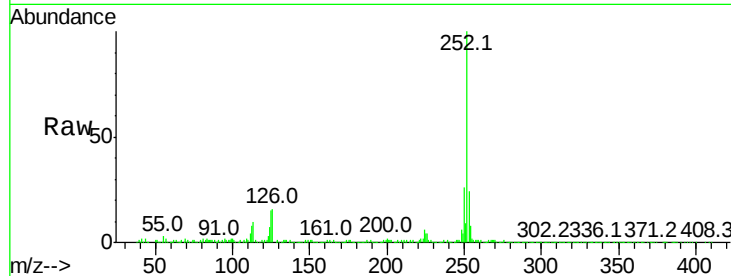
Tot Ion:252 Resp: 2023015

Ion Ratio Lower Upper

252 100

253 24.0 18.1 27.1

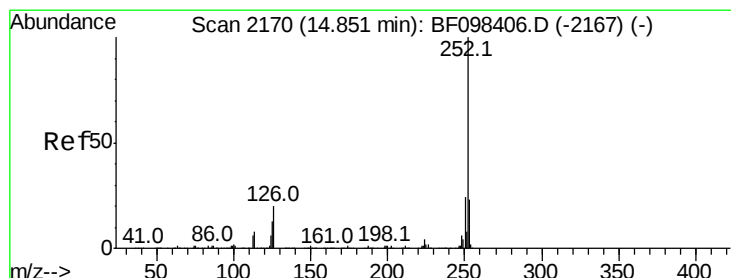
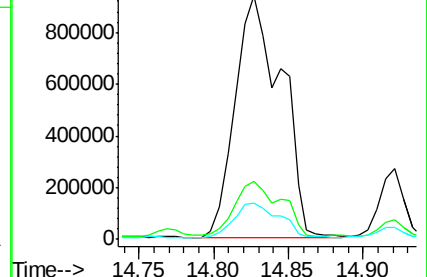
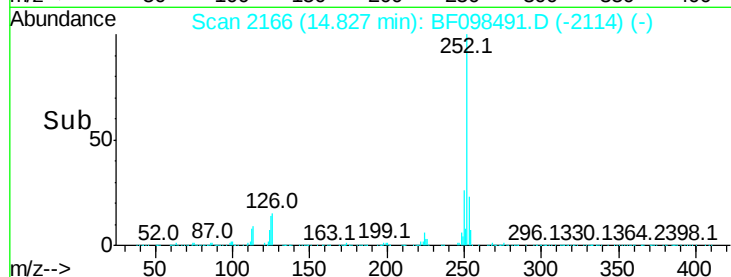
125 14.9 9.8 14.8#



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: 111.689 ng

RT: 14.83 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF098491.D

Acq: 13 Sep 2017 15:45

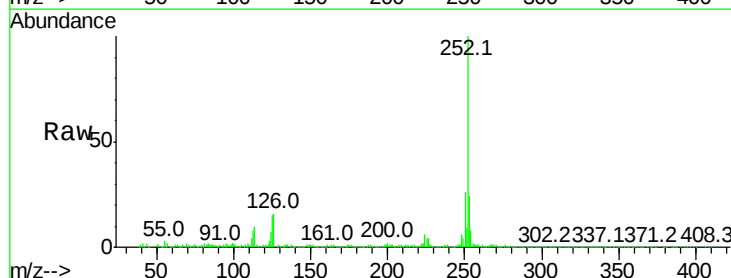
Tgt Ion:252 Resp: 2023015

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

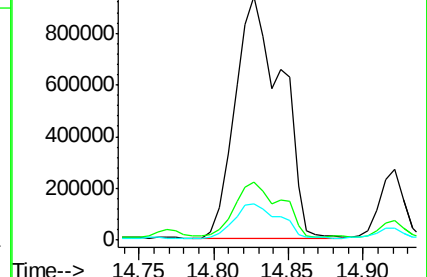
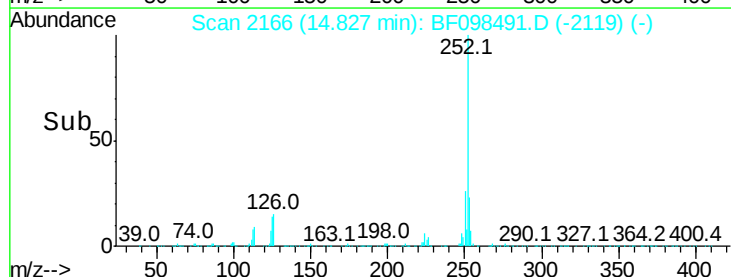
125 14.9 13.1 19.7

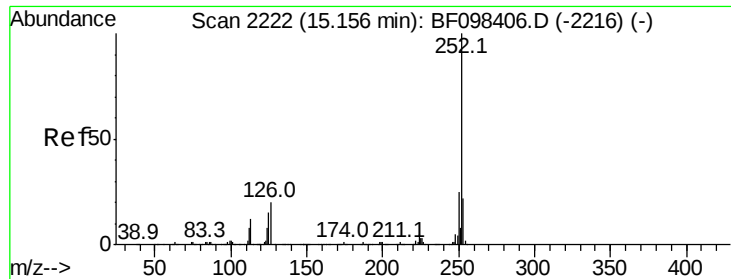


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

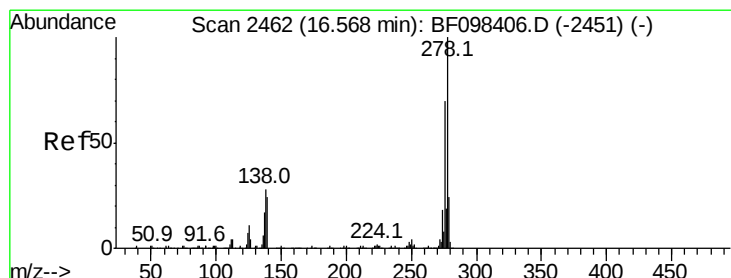
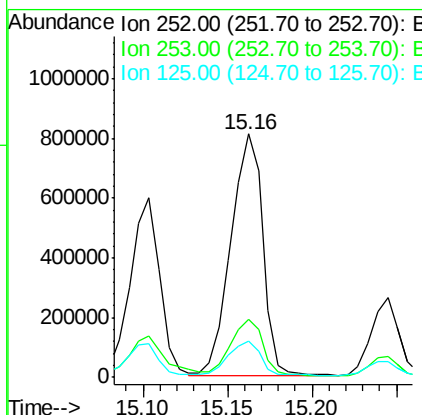
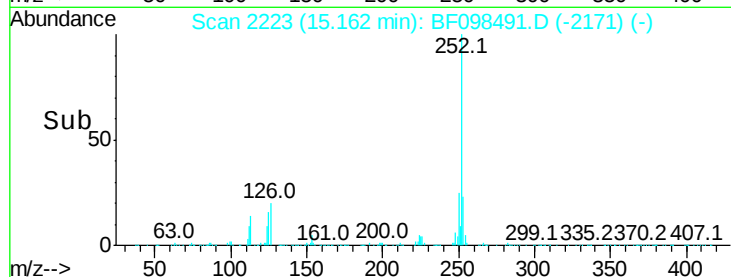
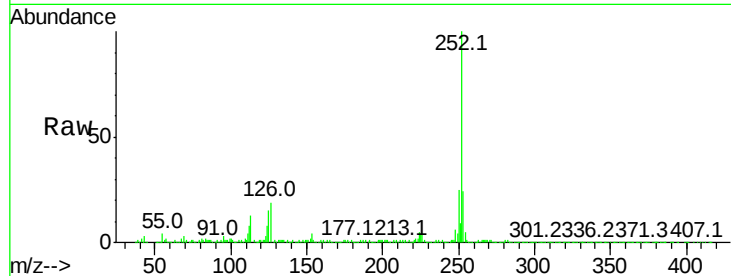




#89
Benzo(a)pyrene
Concen: 61.706 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

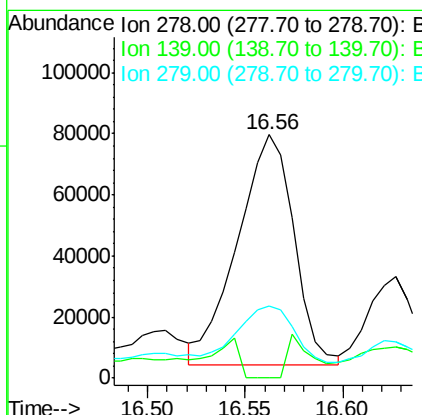
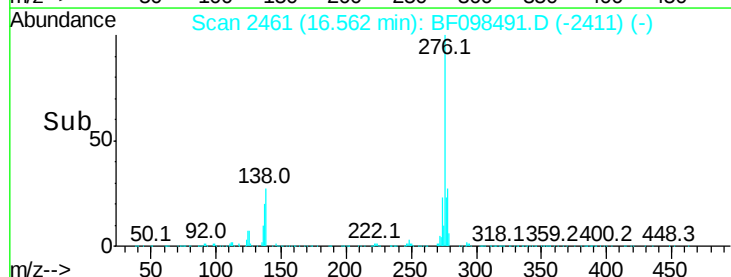
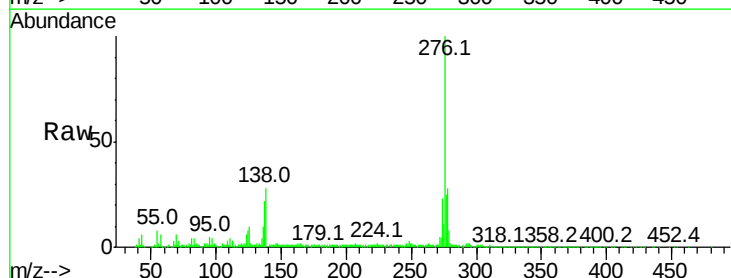
Instrument :
BNA_F
ClientSampled :

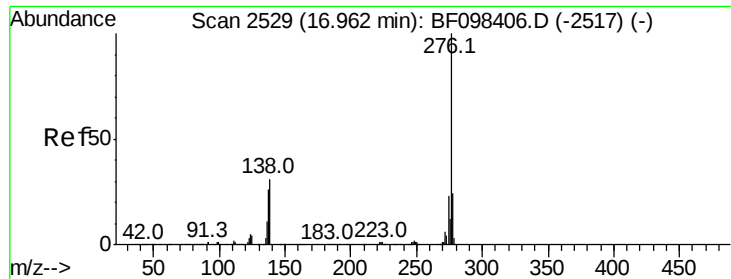
Tot Ion:252 Resp: 1066605
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 12.029 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:278 Resp: 151246
Ion Ratio Lower Upper
278 100
139 0.0 16.6 24.8#
279 29.4 19.3 28.9#

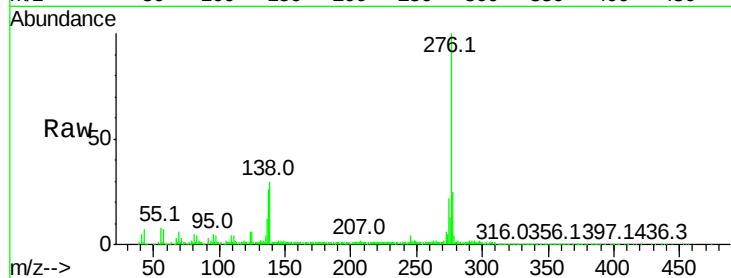




#91
 Benzo(a,h,i)perylene
 Concen: 39.289 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF098491.D
 Acq: 13 Sep 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	29.8	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

