

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098510.D
 Acq On : 14 Sep 2017 00:58
 Operator : SJ/JU
 Sample : I5159-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

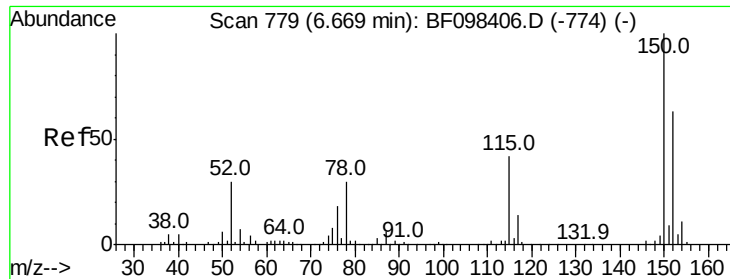
Quant Time: Sep 14 05:21:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	157415	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	644965	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	264087	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	407049	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	317023	20.00	ng	-0.01
86) Perylene-d12	15.21	264	246478	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1134039	106.51	ng	0.00
7) Phenol-d6	6.31	99	1384217	102.40	ng	-0.01
23) Nitrobenzene-d5	7.23	82	779709	67.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	191778	108.81	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1410488	90.53	ng	-0.02
78) Terphenyl-d14	12.76	244	936353	63.75	ng	-0.01

Target Compounds				Qvalue		
10) Phenol	6.32	94	38328	2.441	ng	87
25) Isophorone	7.23	82	766533	32.748	ng	# 67
31) Naphthalene	7.96	128	235817	7.396	ng	100
32) Benzoic acid	7.76	122	3140	8.354	ng	# 1
33) 4-Chloroaniline	7.96	127	32596	2.515	ng	# 33
37) 2-Methylnaphthalene	8.65	142	177289	9.180	ng	99
48) Acenaphthylene	9.55	152	102824	4.097	ng	97
49) Dimethylphthalate	9.41	163	201781	9.871	ng	98
53) 2,4-Dinitrophenol	9.90	184	111	8.575	ng	# 1
54) Dibenzofuran	9.89	168	78566	3.738	ng	# 96
64) 4,6-Dinitro-2-methylphenol	10.50	198	3402	6.186	ng	92
66) 4-Bromophenyl-phenylether	10.48	248	14401	3.728	ng	# 1
70) Phenanthrene	11.19	178	236924	10.979	ng	98
71) Anthracene	11.24	178	120614	5.444	ng	96
74) Fluoranthene	12.38	202	318919	14.763	ng	99
77) Pyrene	12.60	202	321598	12.859	ng	100
80) Benzo(a)anthracene	13.79	228	208260	11.205	ng	94
82) Chrysene	13.83	228	253718	13.504	ng	96
85) Indeno(1,2,3-cd)pyrene	16.54	276	105042	7.969	ng	93
87) Benzo(b)fluoranthene	14.82	252	505398	32.611	ng	98
88) Benzo(k)fluoranthene	14.82	252	505398	34.932	ng	97
89) Benzo(a)pyrene	15.15	252	147598	10.690	ng	97
90) Dibenz(a,h)anthracene	16.54	278	27733	2.761	ng	# 81
91) Benzo(g,h,i)perylene	16.95	276	92054	9.112	ng	96

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

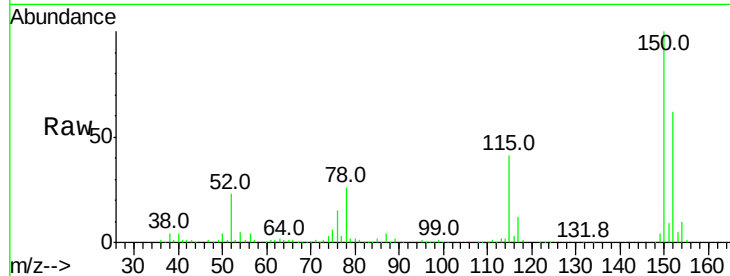


#1

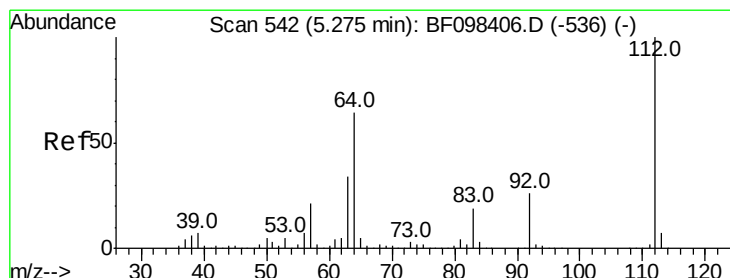
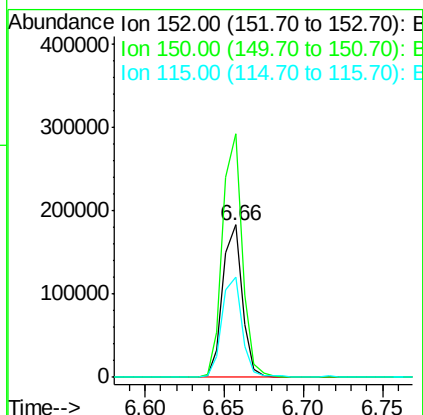
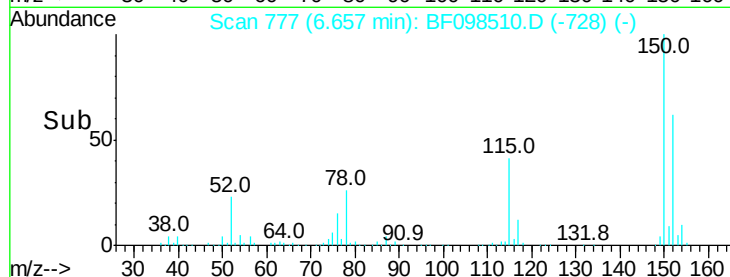
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098510.D
Acq: 14 Sep 2017 00:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157415
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 65.9 52.2 78.2



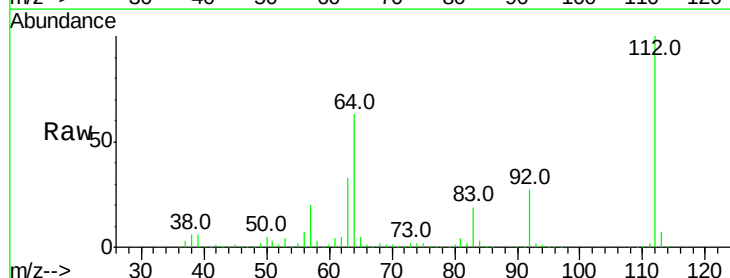
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



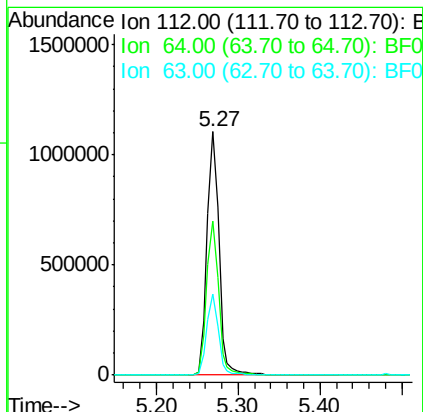
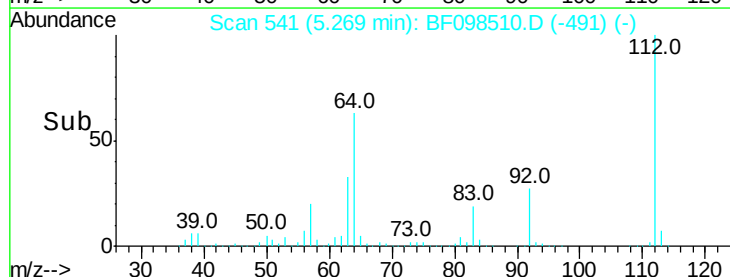
#5

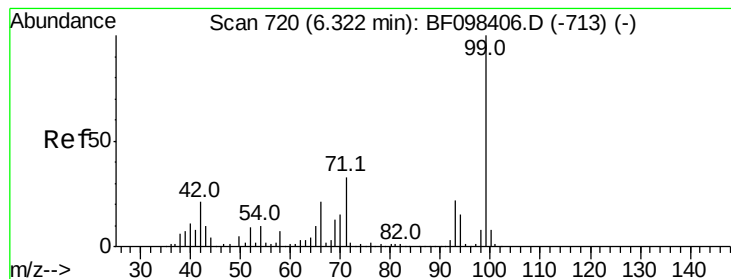
2-Fluorophenol
Concen: 106.515 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF098510.D
Acq: 14 Sep 2017 00:58

Tgt Ion:112 Resp: 1134039
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 33.4 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: 102.399 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

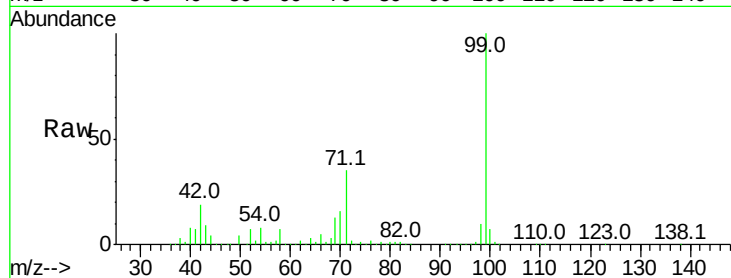
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1384217

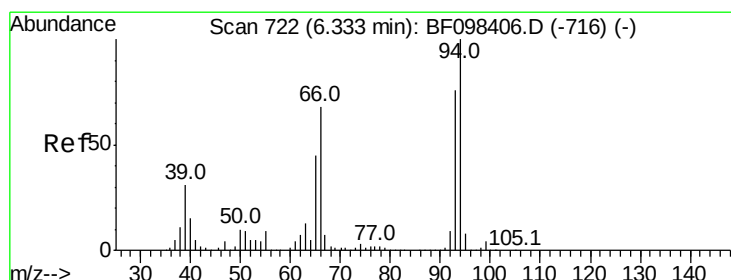
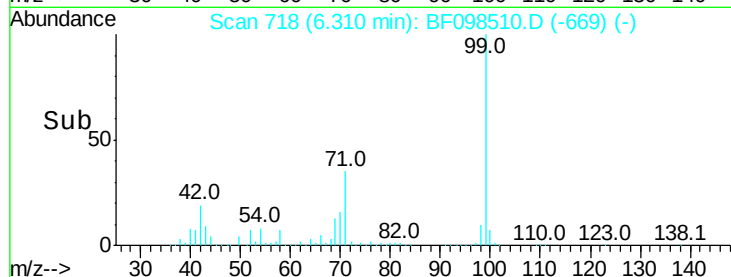
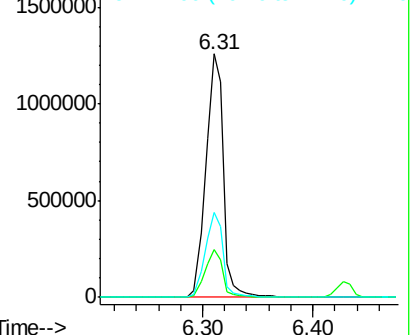
Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	35.0	24.5	36.7



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: 2.441 ng

RT: 6.32 min Scan# 720

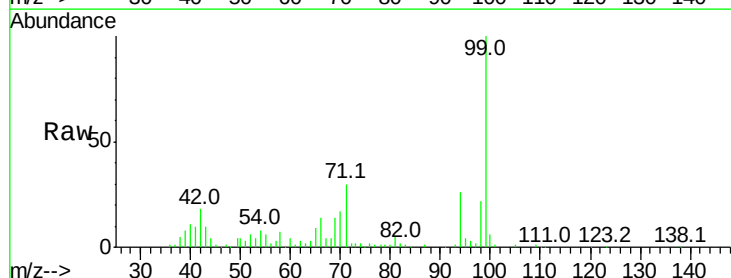
Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Tgt Ion: 94 Resp: 38328

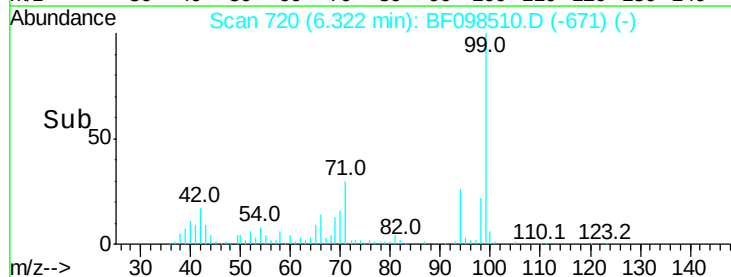
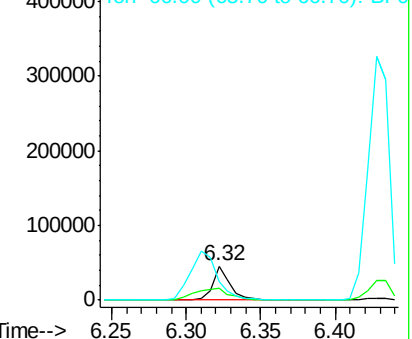
Ion	Ratio	Lower	Upper
94	100		
65	33.6	9.9	49.9
66	53.8	23.1	63.1

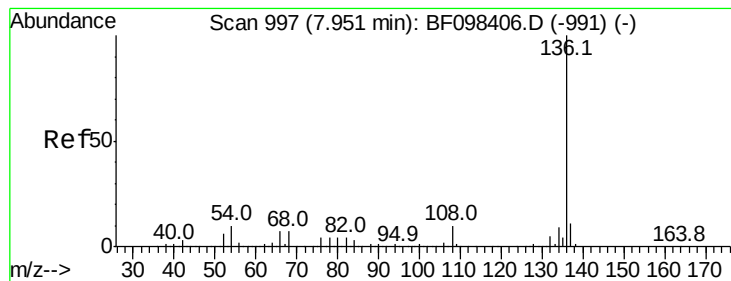


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098510.D

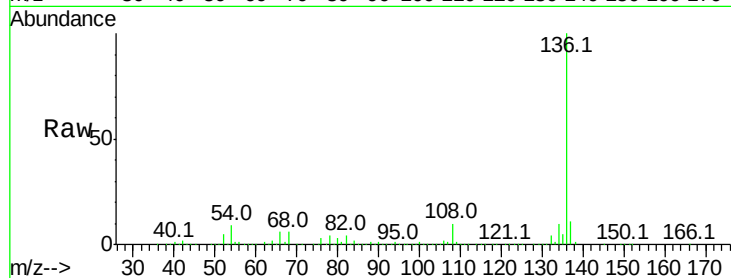
Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	644965
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.3	4.9	7.3#
68	6.1	4.1	6.1

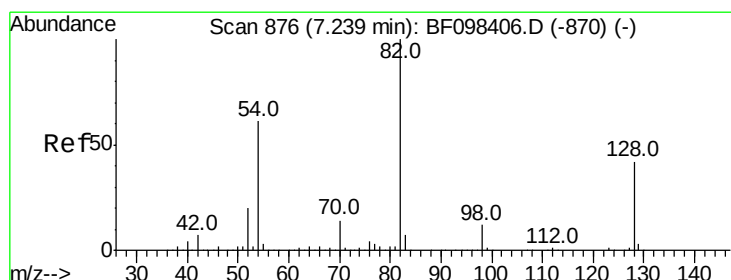
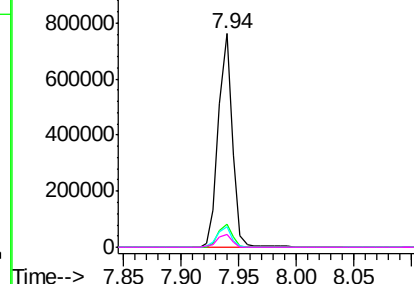
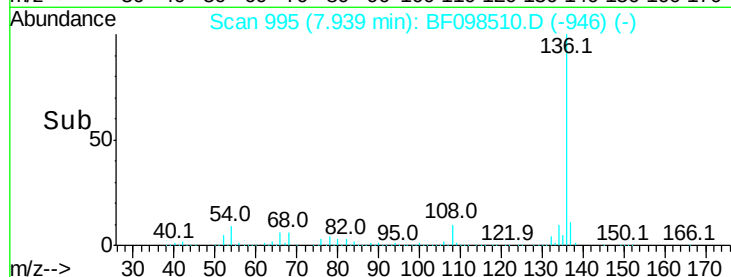


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.397 ng

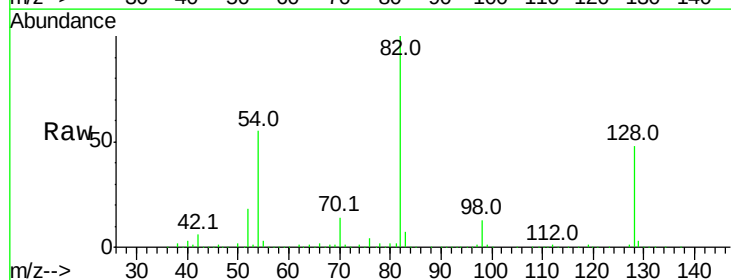
RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

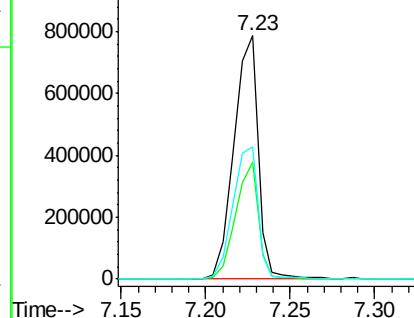
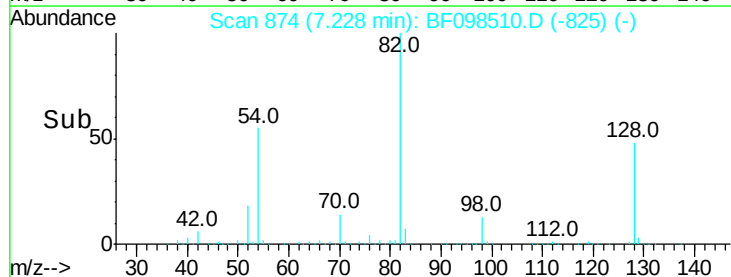
Tgt Ion:	82	Resp:	779709
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	54.5	42.2	63.2

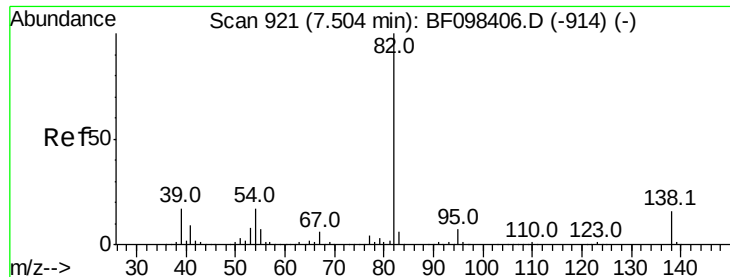


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.748 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

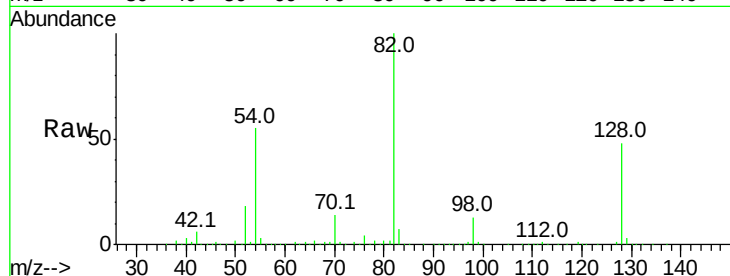
Tot Ion: 82 Resp: 766533

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

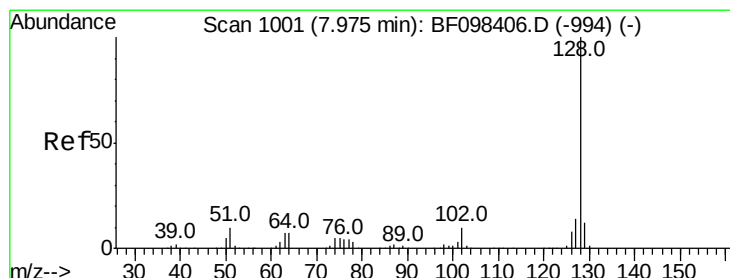
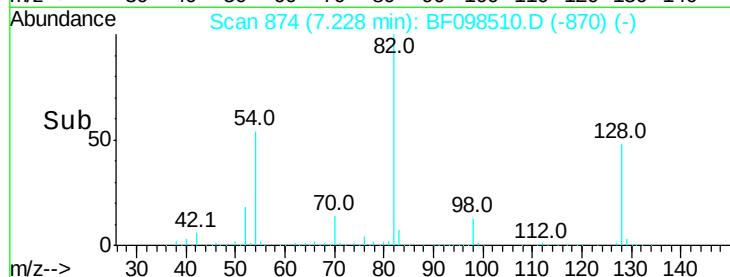
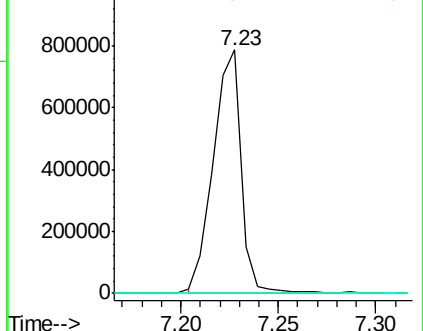
138 0.0 13.1 19.7#



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: 7.396 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

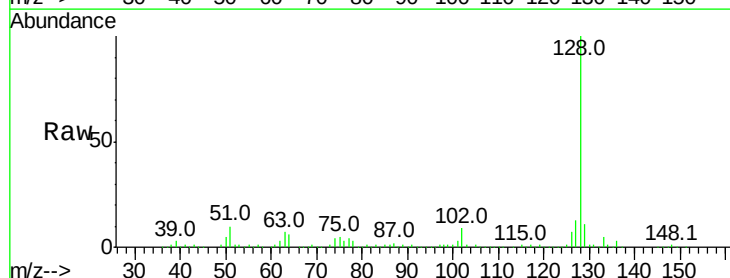
Tgt Ion: 128 Resp: 235817

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

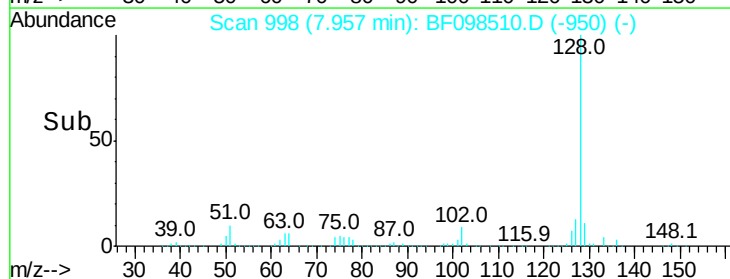
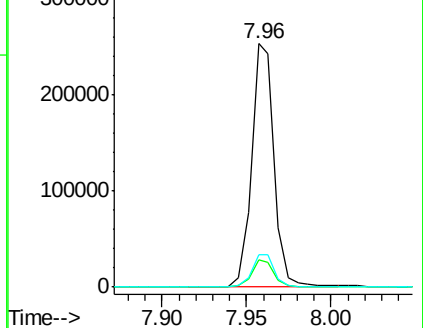
127 13.4 10.8 16.2

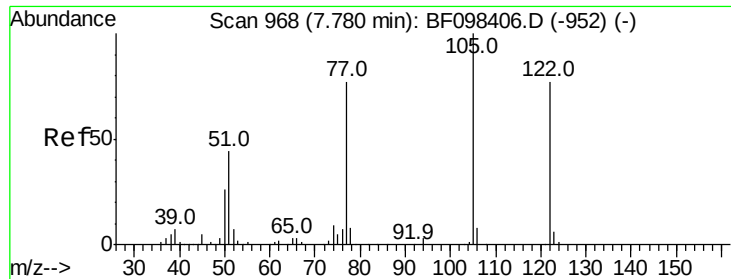


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.354 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

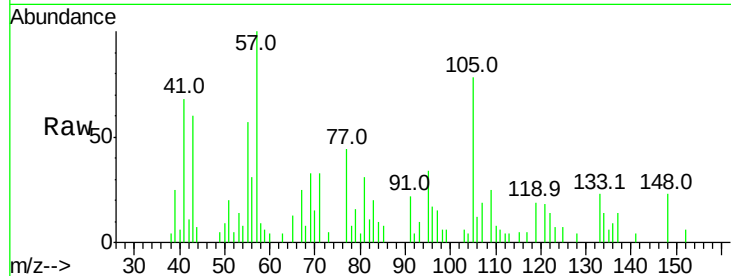
Tot Ion:122 Resp: 3140

Ion Ratio Lower Upper

122 100

105 539.3 103.3 143.3#

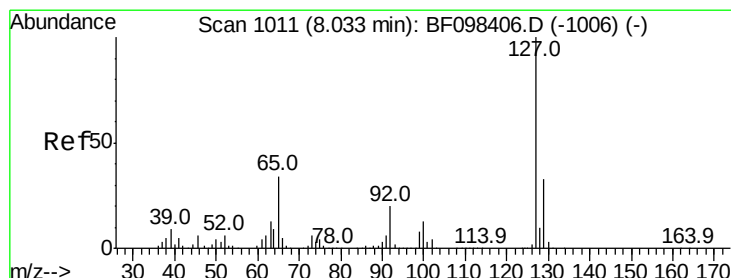
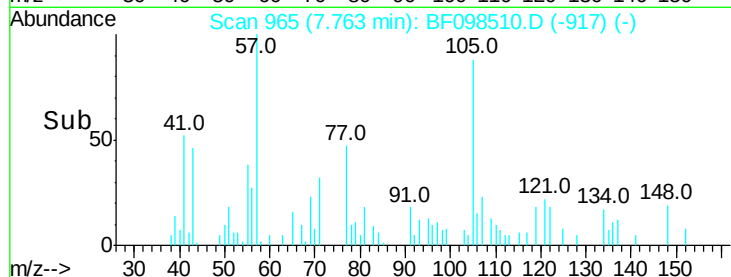
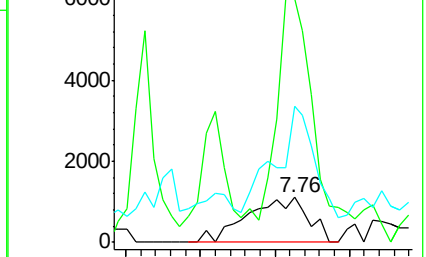
77 302.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 2.515 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.08 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Tgt Ion:127 Resp: 32596

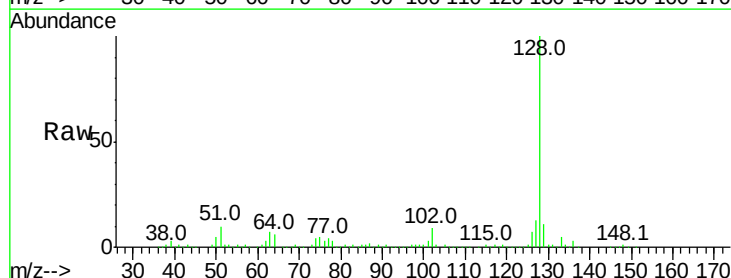
Ion Ratio Lower Upper

127 100

129 83.8 26.2 39.2#

65 0.0 27.8 41.8#

92 1.0 16.8 25.2#

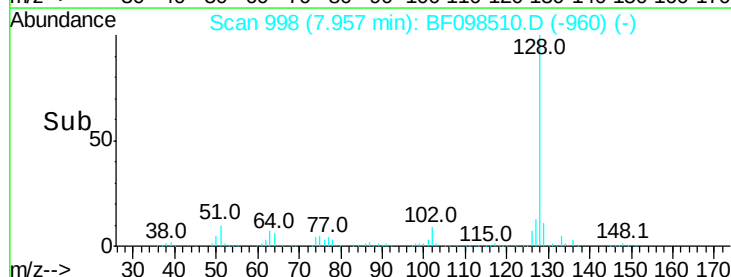
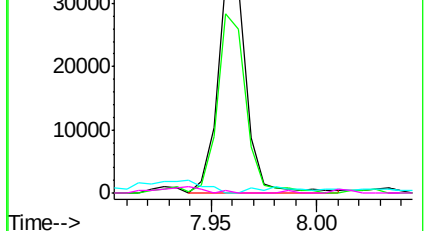


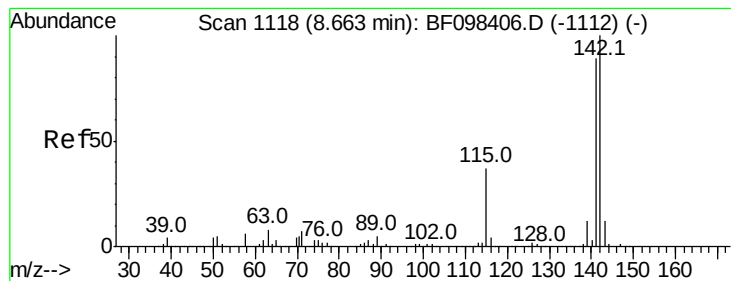
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 9.180 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampled :

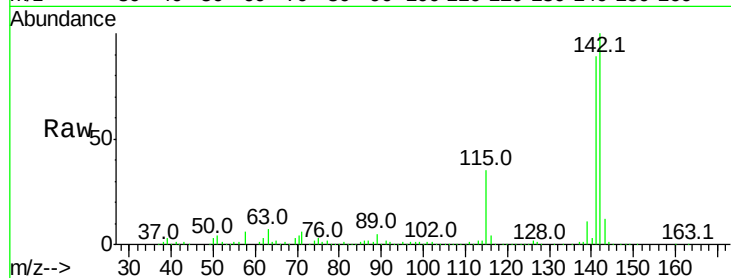
Tot Ion:142 Resp: 177289

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9

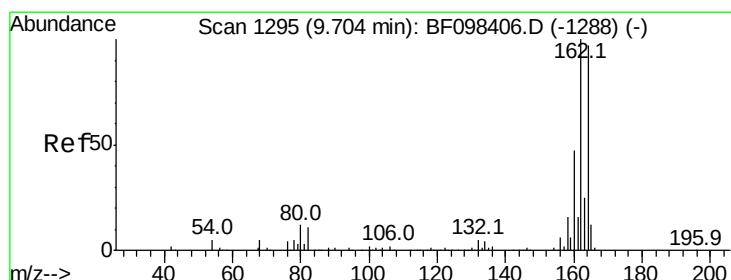
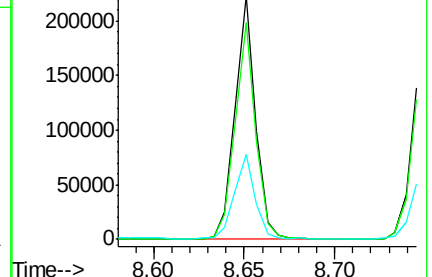
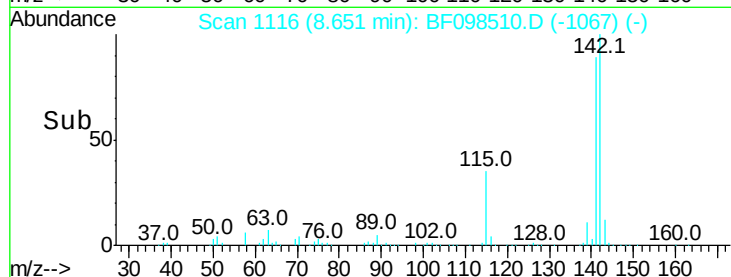
115 35.1 27.1 40.7



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: BF098510.D

Acq: 14 Sep 2017 00:58

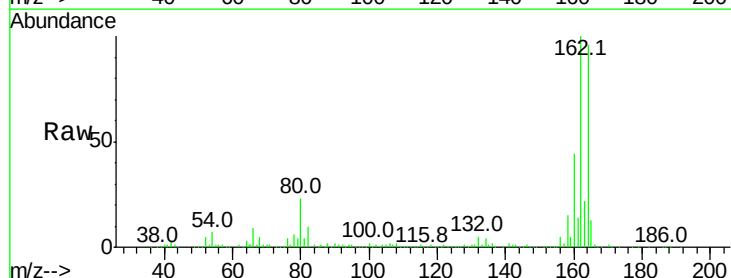
Tgt Ion:164 Resp: 264087

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

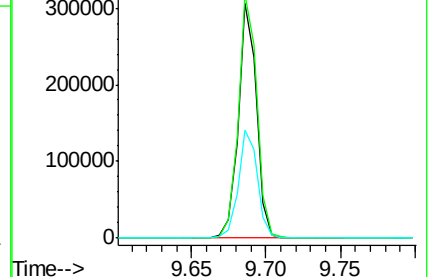
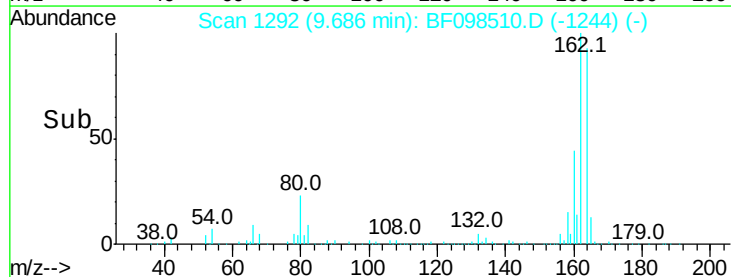
160 45.8 36.2 54.2

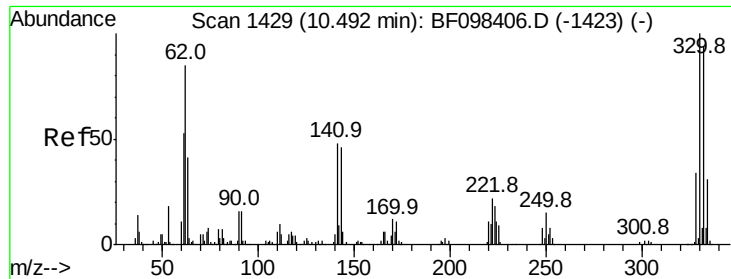


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

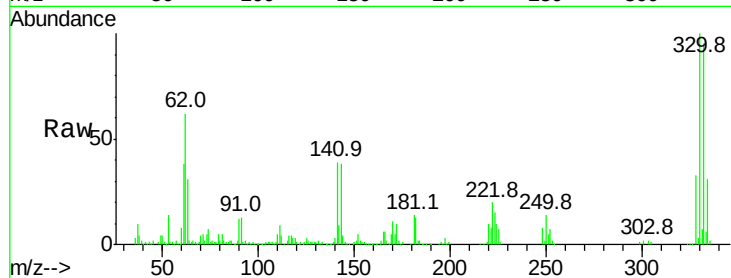




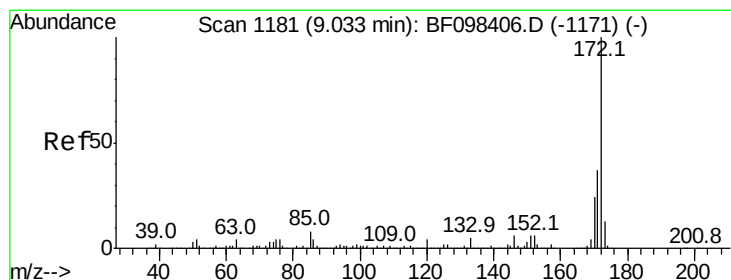
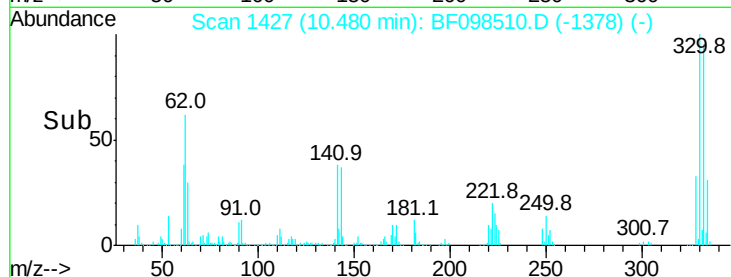
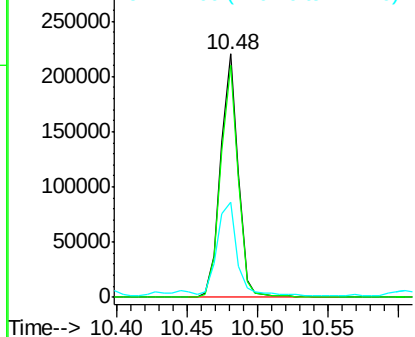
#41
 2,4,6-Tribromophenol
 Concen: 108.806 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098510.D
 Acq: 14 Sep 2017 00:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 191778
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 44.6 31.4 47.2

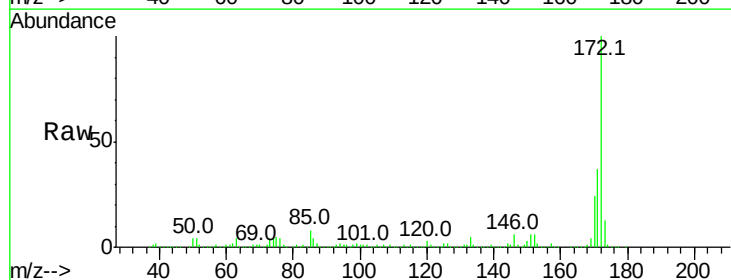


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

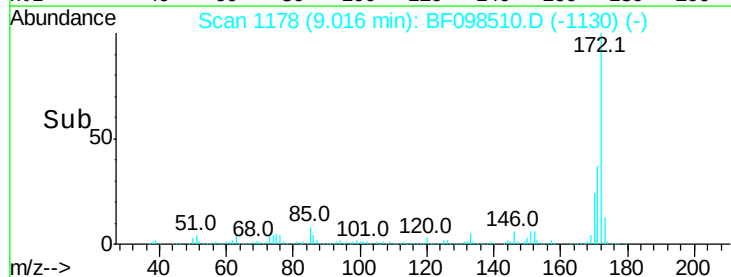
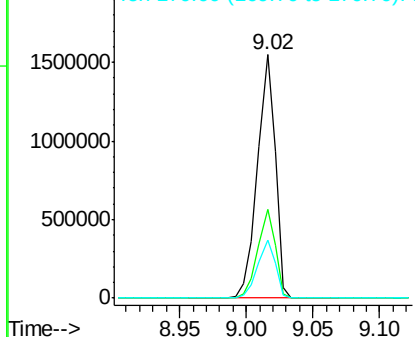


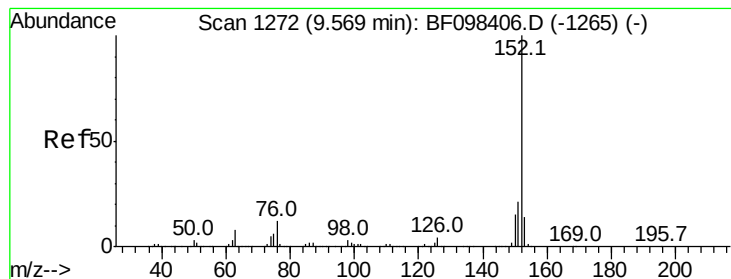
#44
 2-Fluorobiphenyl
 Concen: 90.526 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098510.D
 Acq: 14 Sep 2017 00:58

Tgt Ion:172 Resp: 1410488
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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: 4.097 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

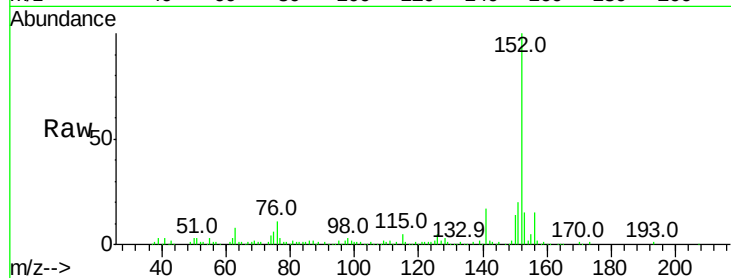
Tot Ion:152 Resp: 102824

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

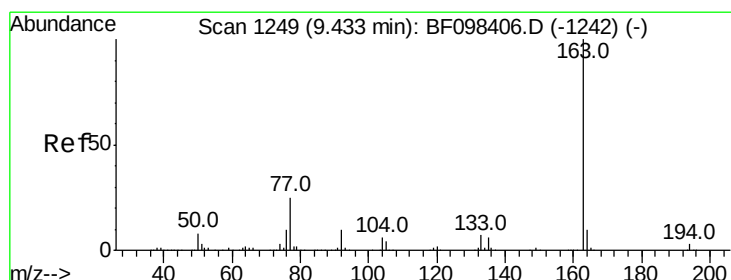
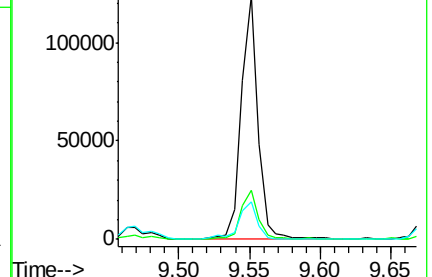
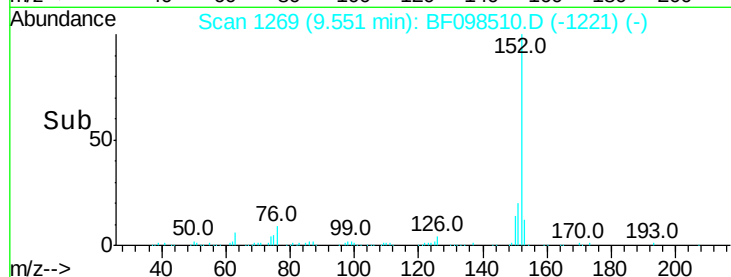
153 15.4 10.8 16.2



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: 9.871 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

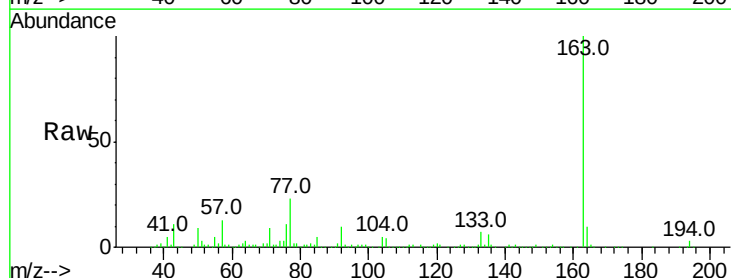
Tgt Ion:163 Resp: 201781

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

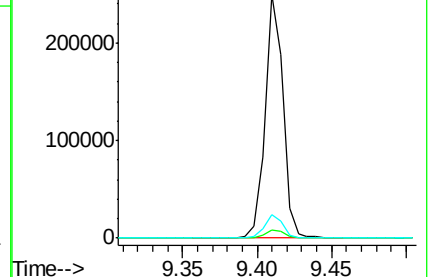
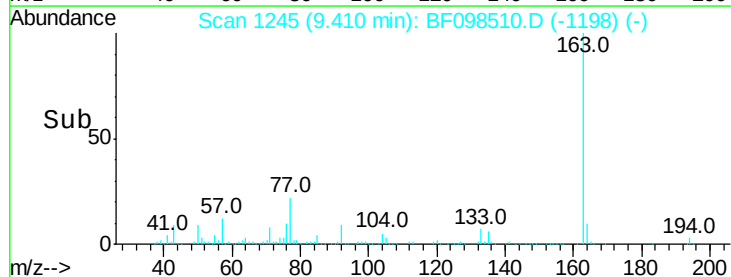
164 9.8 8.4 12.6

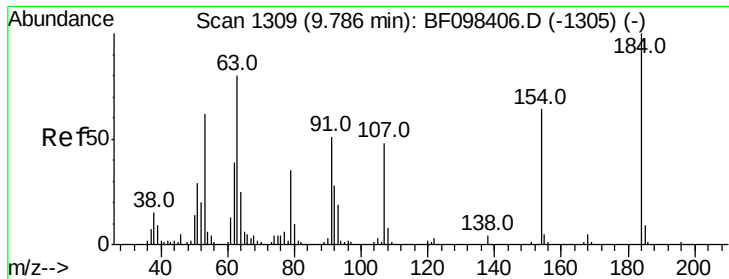


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

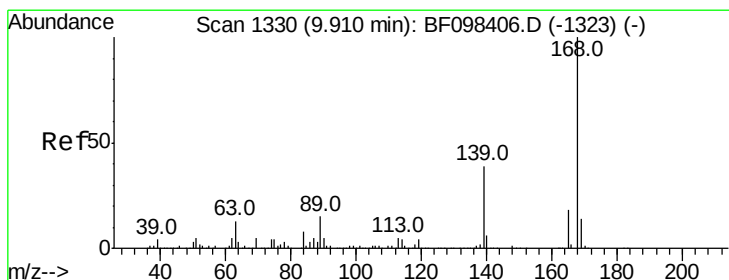
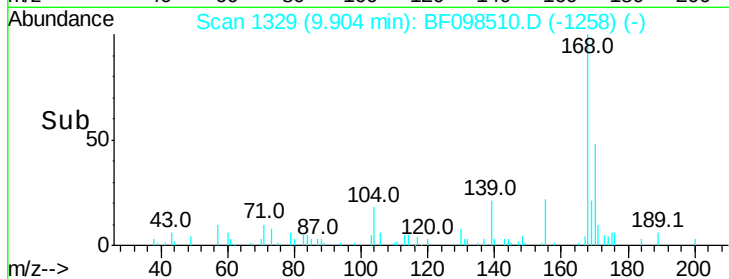
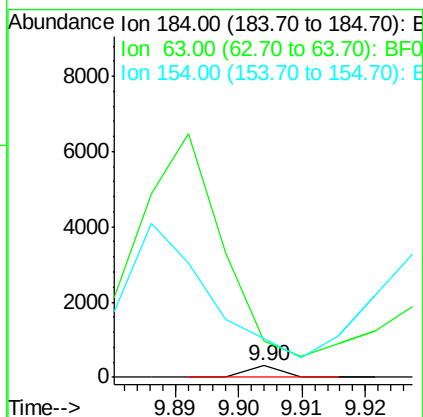
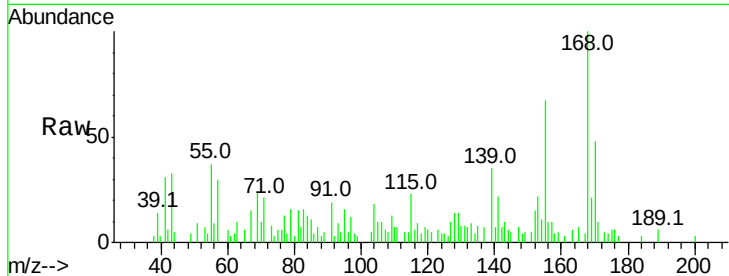




#53
2,4-Dinitrophenol
Concen: 8.575 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.12 min
Lab File: BF098510.D
Acq: 14 Sep 2017 00:58

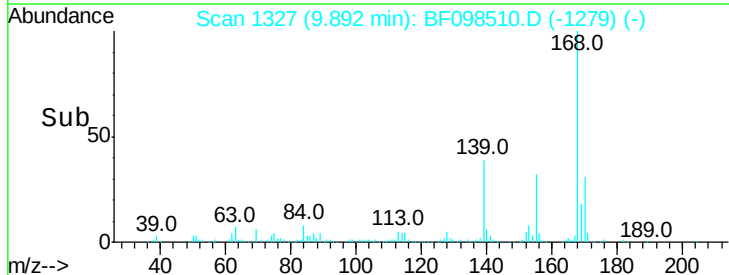
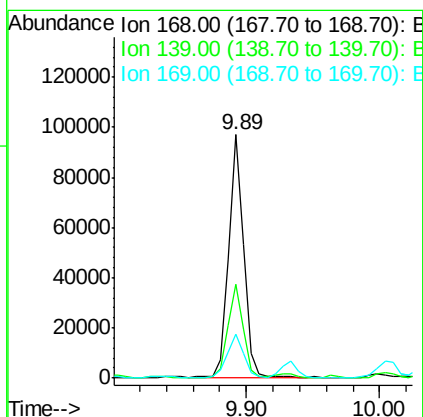
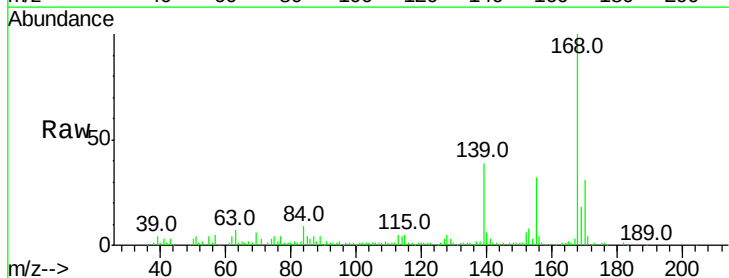
Instrument :
BNA_F
ClientSampled :

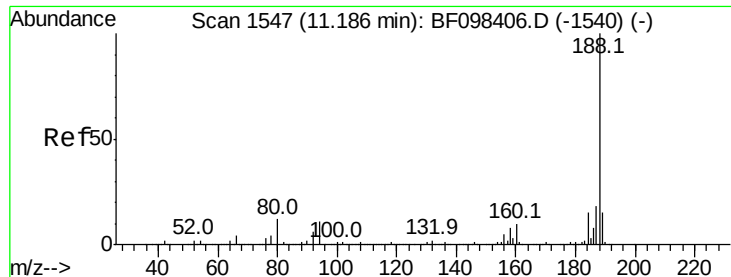
Tot Ion:184 Resp: 111
Ion Ratio Lower Upper
184 100
63 302.5 62.7 94.1#
154 331.5 81.1 121.7#



#54
Dibenzofuran
Concen: 3.738 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098510.D
Acq: 14 Sep 2017 00:58

Tgt Ion:168 Resp: 78566
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 18.3 10.8 16.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

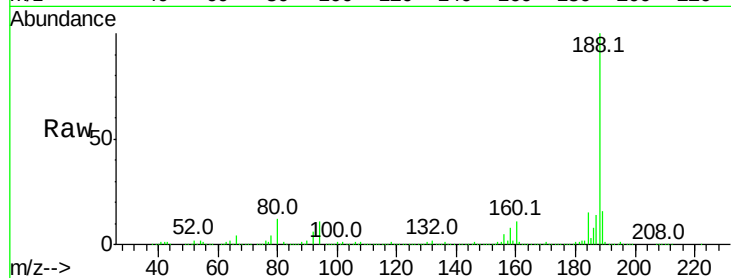
Tot Ion:188 Resp: 407049

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

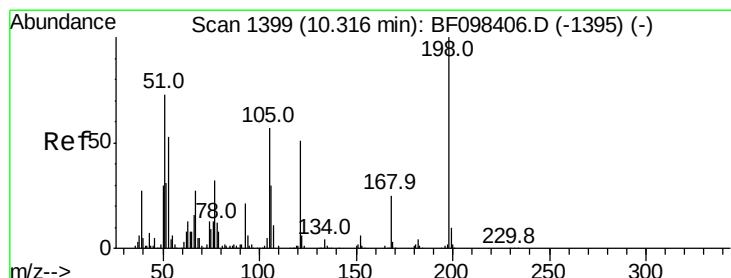
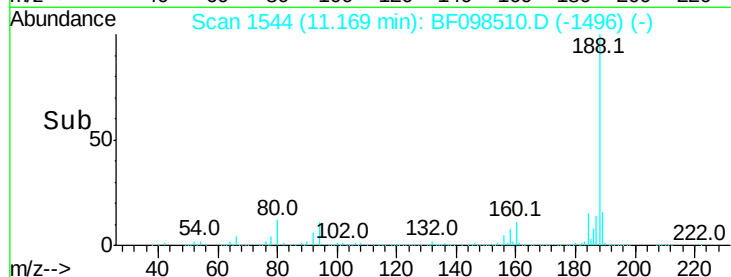
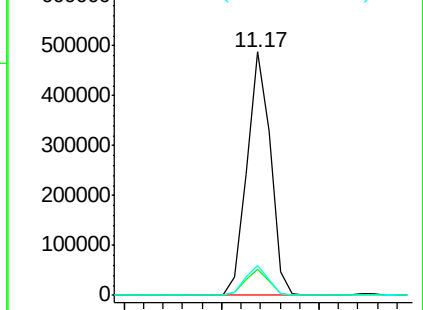
80 12.1 10.2 15.2



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: 6.186 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.18 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

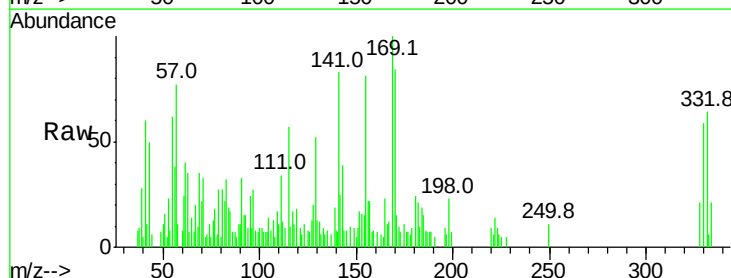
Tgt Ion:198 Resp: 3402

Ion Ratio Lower Upper

198 100

51 66.6 53.2 93.2

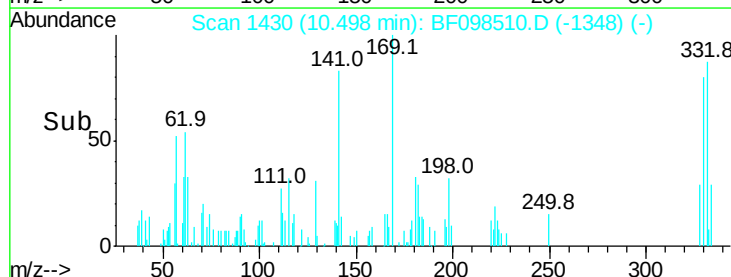
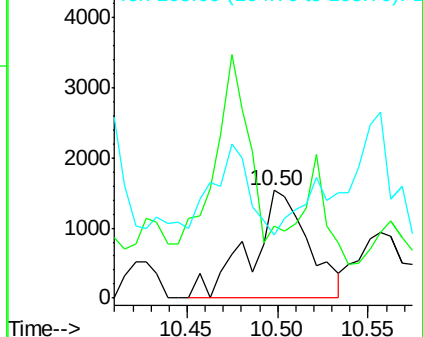
105 58.7 45.8 85.8

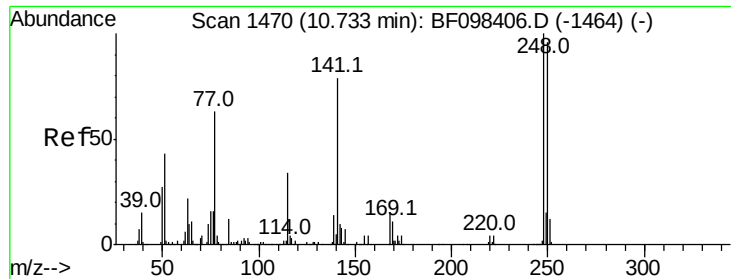


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

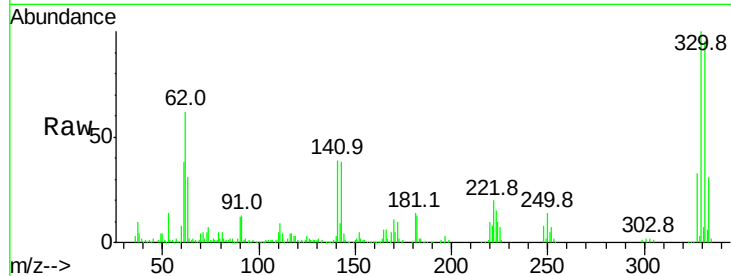




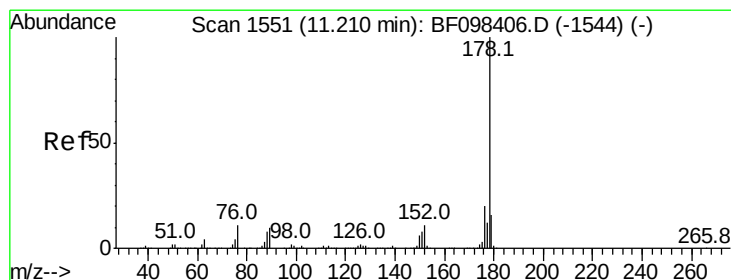
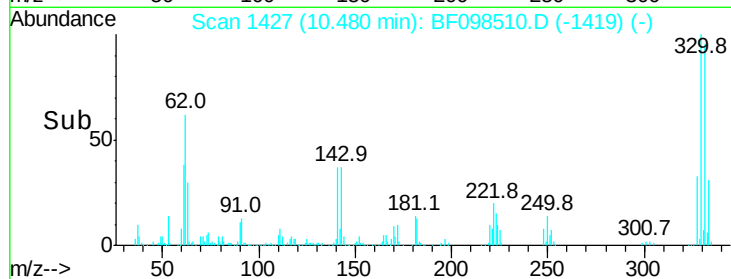
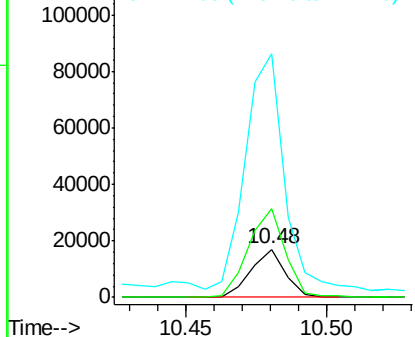
#66
 4-Bromophenyl-phenylether
 Concen: 3.728 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF098510.D
 Acq: 14 Sep 2017 00:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14401
 Ion Ratio Lower Upper
 248 100
 250 184.0 76.8 115.2#
 141 502.9 68.6 103.0#

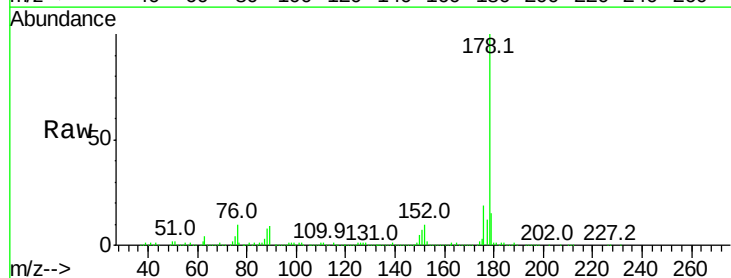


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

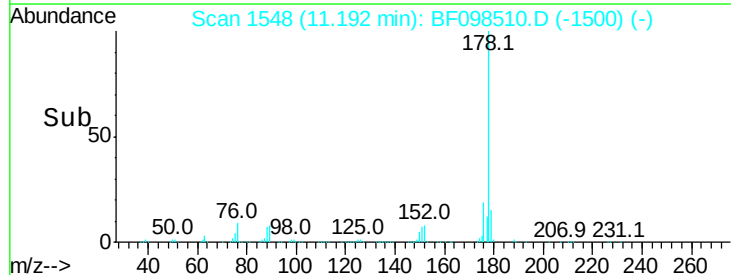
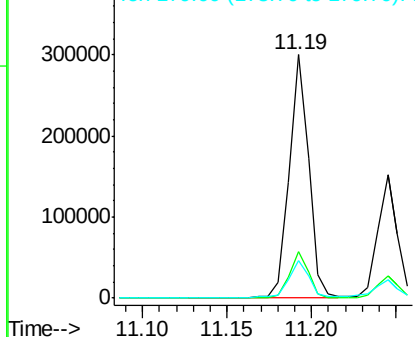


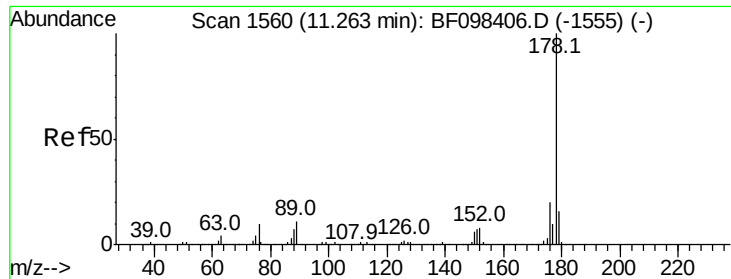
#70
 Phenanthrene
 Concen: 10.979 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098510.D
 Acq: 14 Sep 2017 00:58

Tgt Ion:178 Resp: 236924
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.2 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

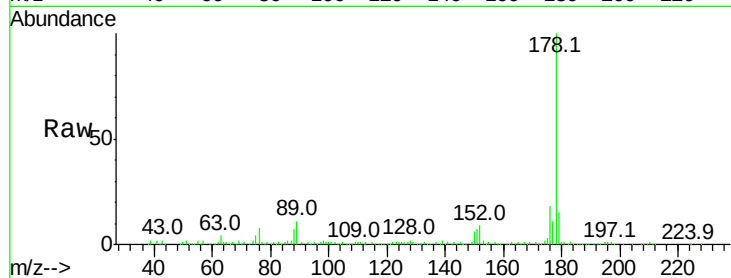




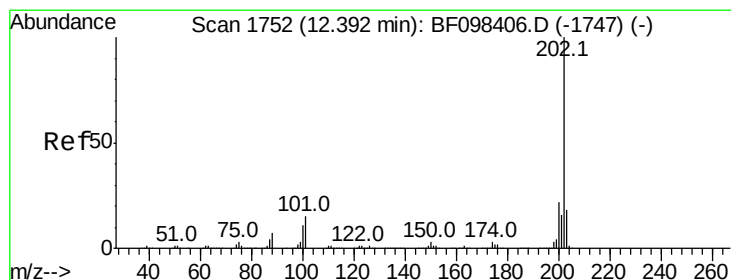
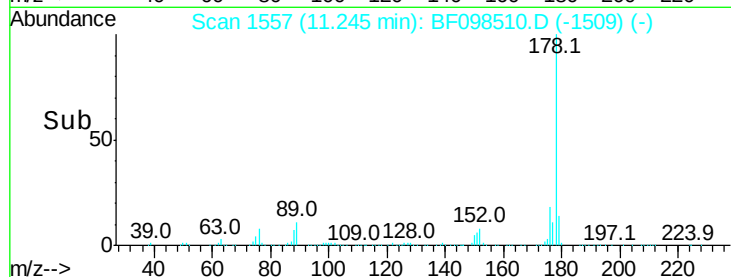
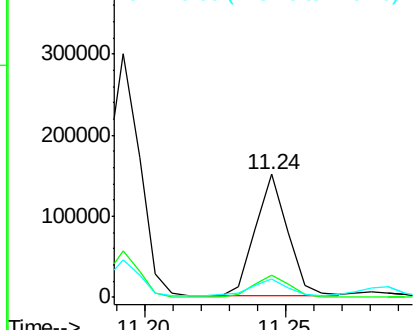
#71
 Anthracene
 Concen: 5.444 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098510.D
 Acq: 14 Sep 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 120614
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.8 23.8
 179 14.6 12.7 19.1

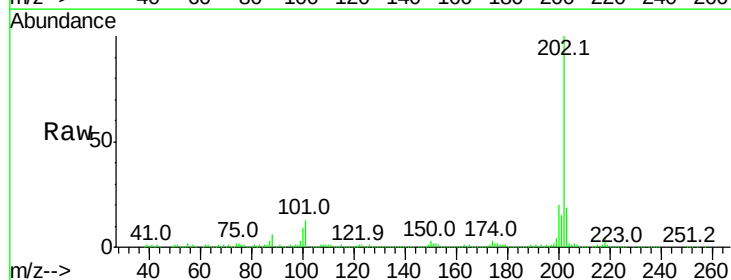


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

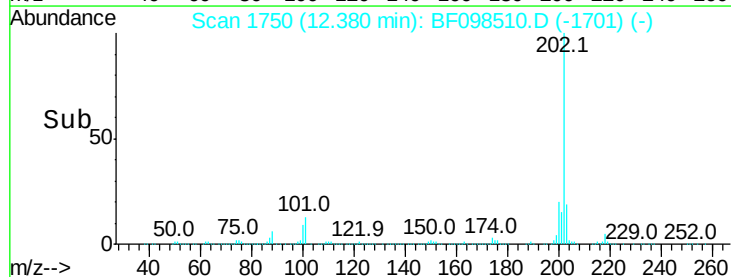
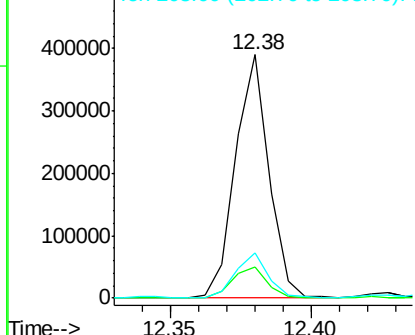


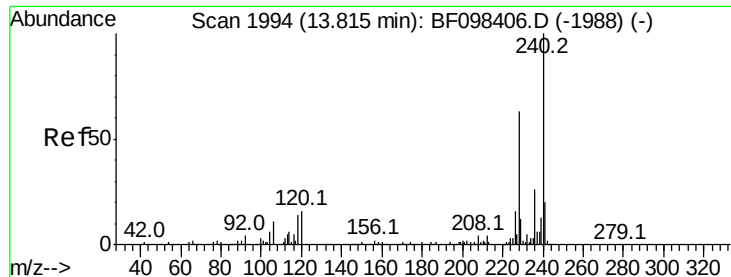
#74
 Fluoranthene
 Concen: 14.763 ng
 RT: 12.38 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BF098510.D
 Acq: 14 Sep 2017 00:58

Tgt Ion:202 Resp: 318919
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 33.2
 203 18.8 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: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

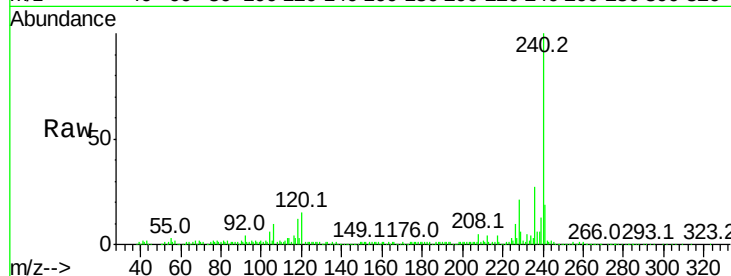
Tot Ion:240 Resp: 317023

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

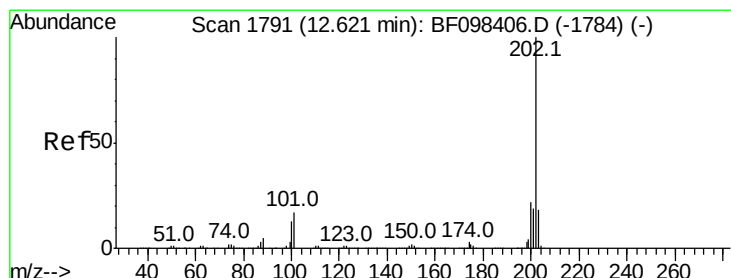
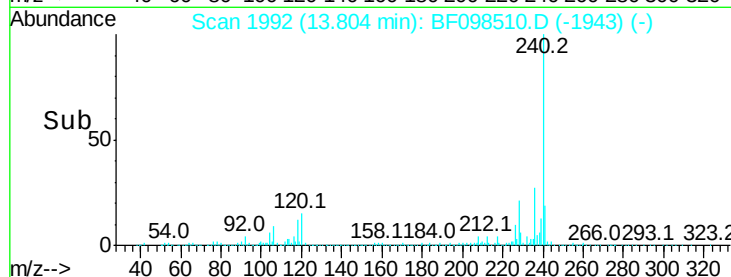
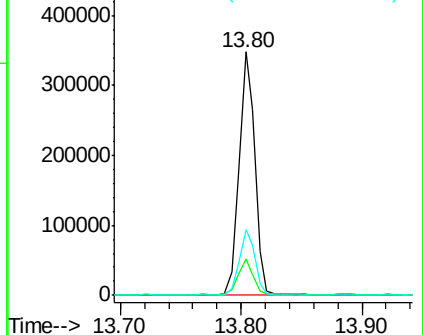
236 26.8 20.5 30.7



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: 12.859 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

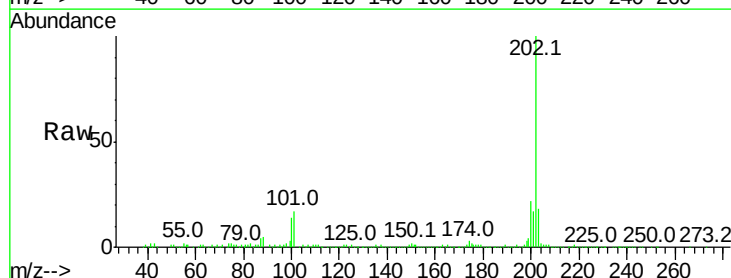
Tgt Ion:202 Resp: 321598

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

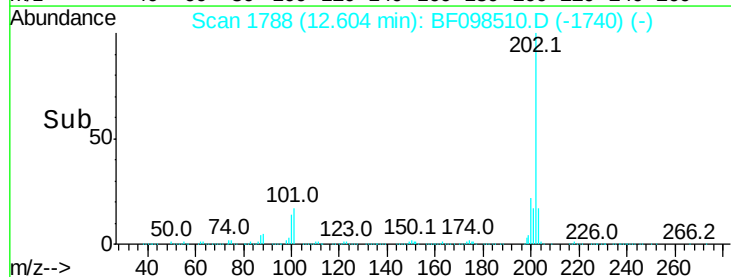
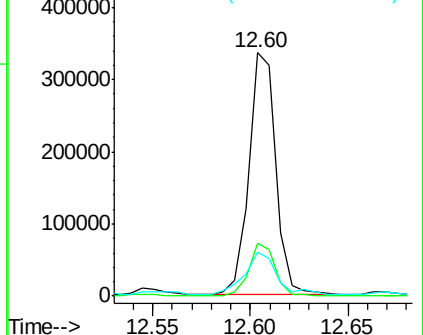
203 17.9 14.4 21.6

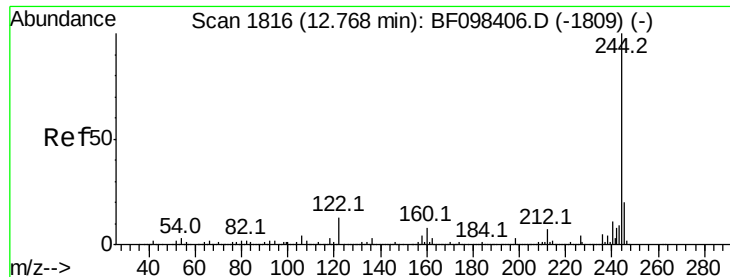


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.752 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

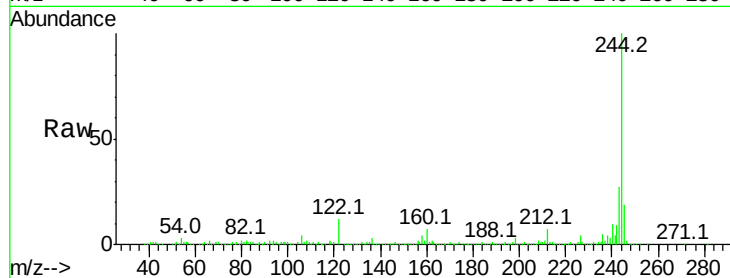
Tot Ion:244 Resp: 936353

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

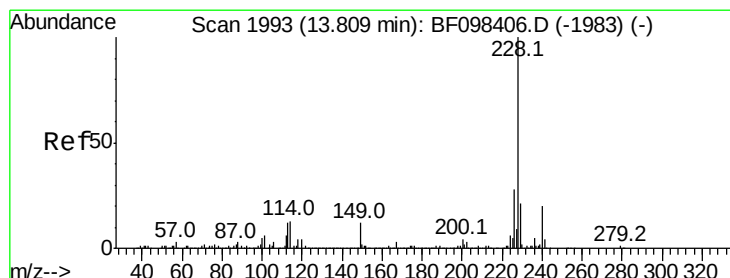
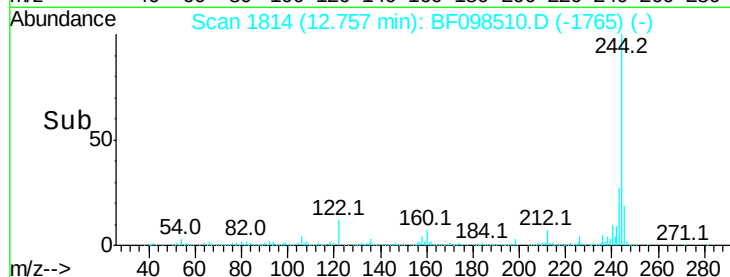
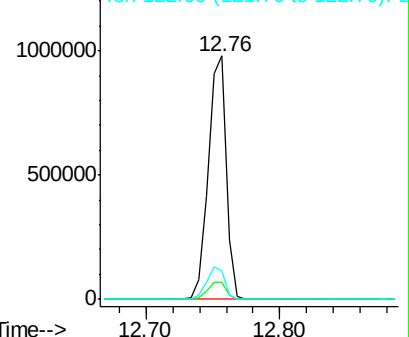
122 11.9 10.3 15.5



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: 11.205 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

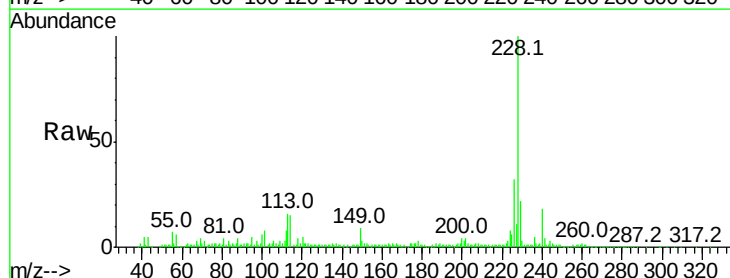
Tgt Ion:228 Resp: 208260

Ion Ratio Lower Upper

228 100

226 32.3 22.6 33.8

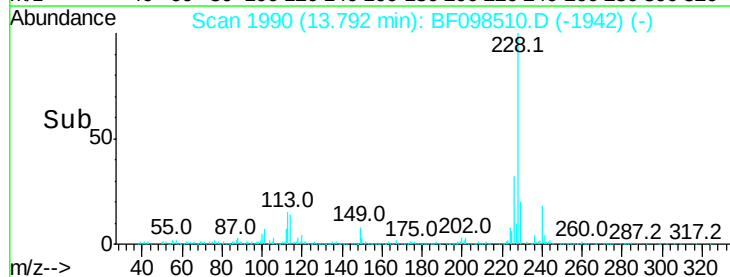
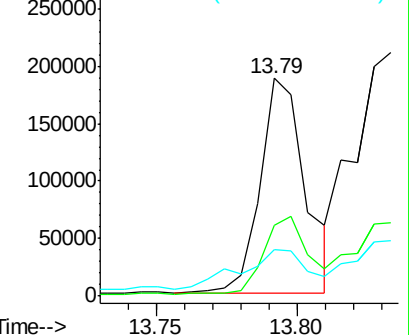
229 21.6 16.3 24.5

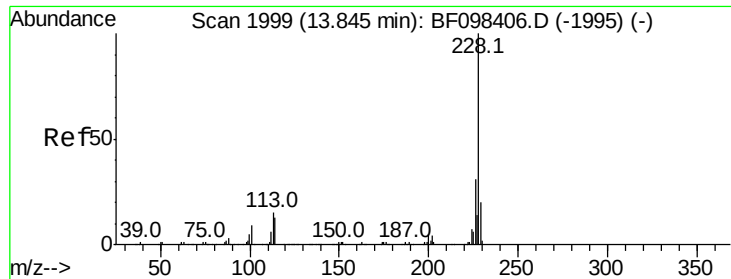


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 13.504 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

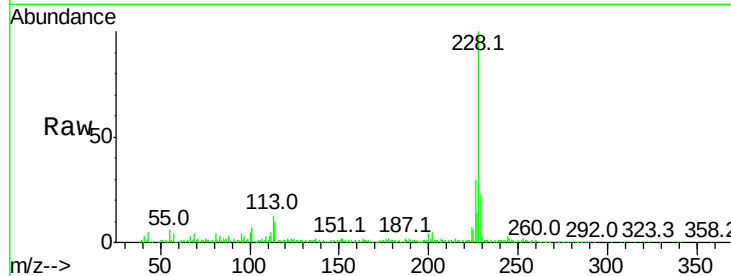
Tot Ion:228 Resp: 253718

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

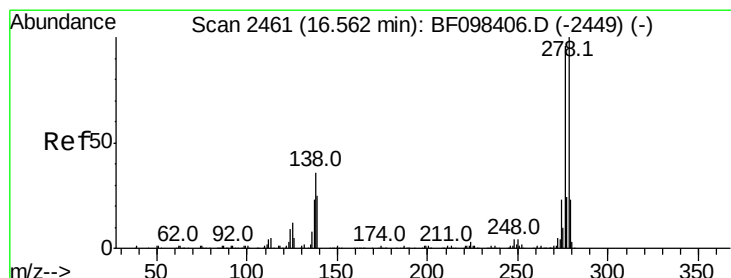
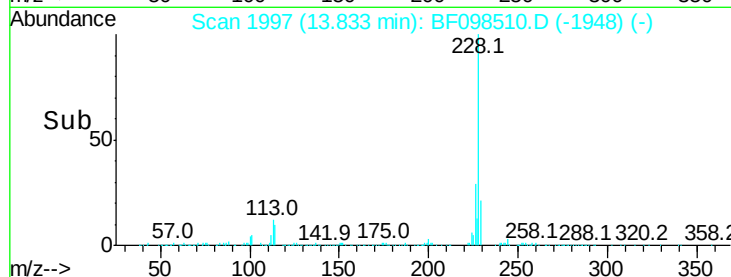
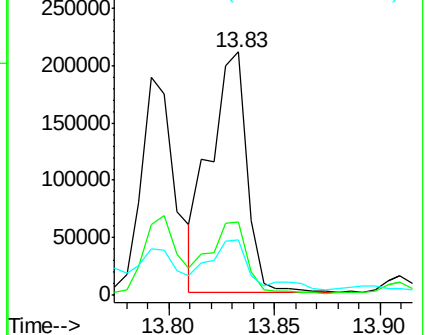
229 23.0 15.8 23.6



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: 7.969 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

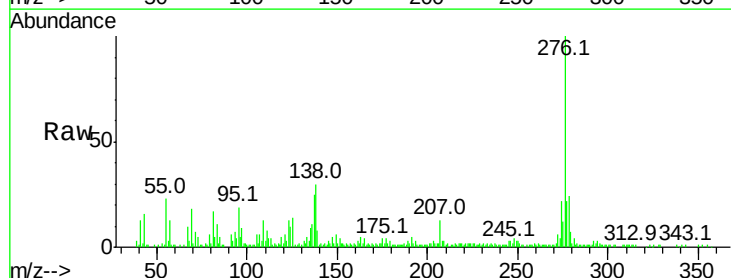
Tgt Ion:276 Resp: 105042

Ion Ratio Lower Upper

276 100

138 29.2 27.8 41.6

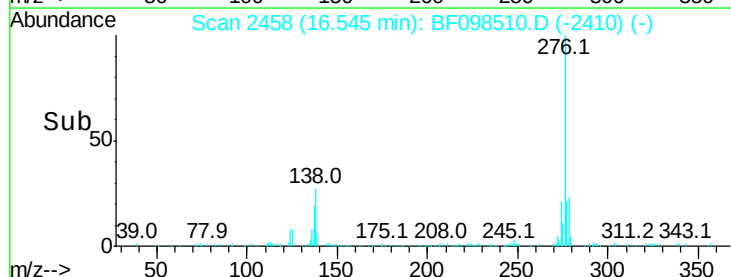
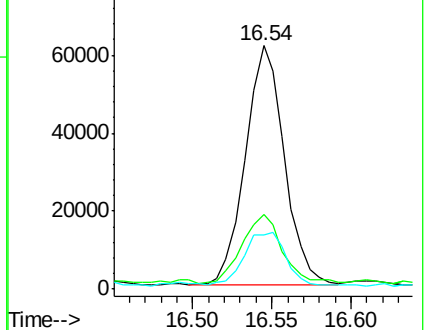
277 24.1 20.2 30.4

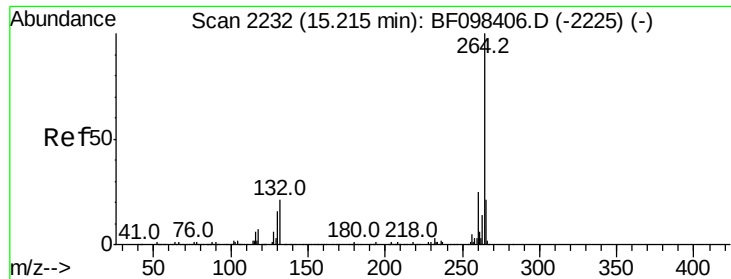


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

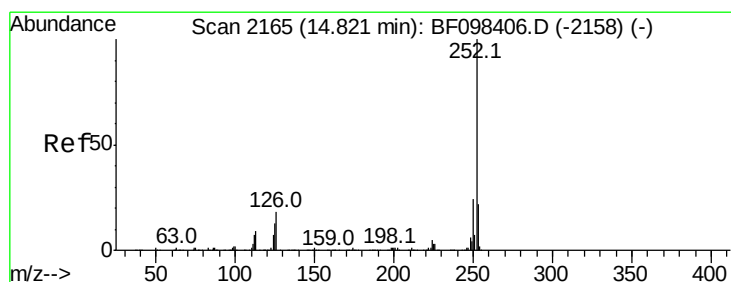
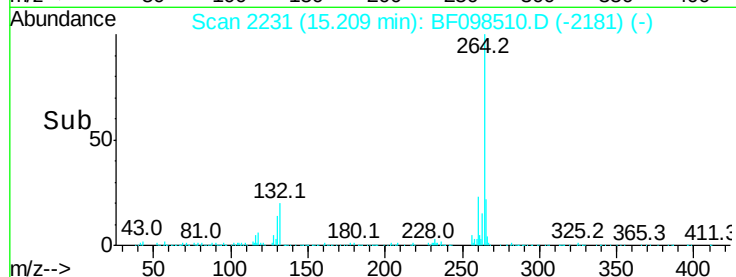
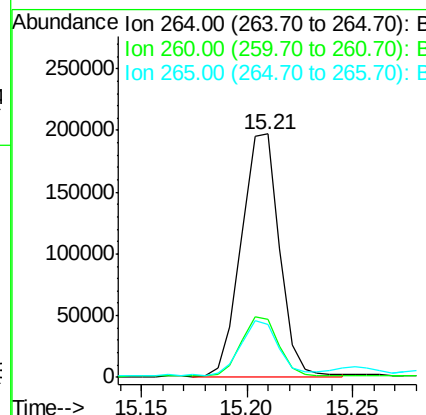
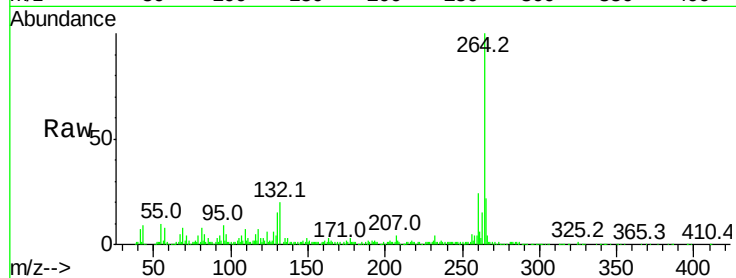




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098510.D
Acq: 14 Sep 2017 00:58

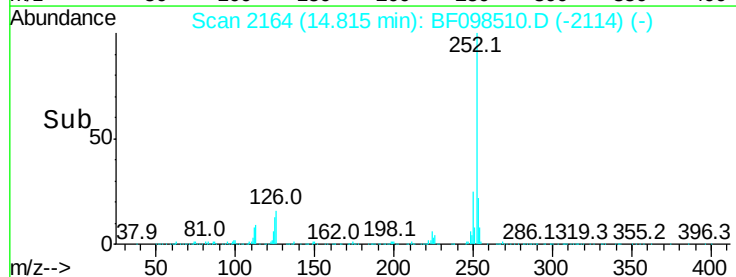
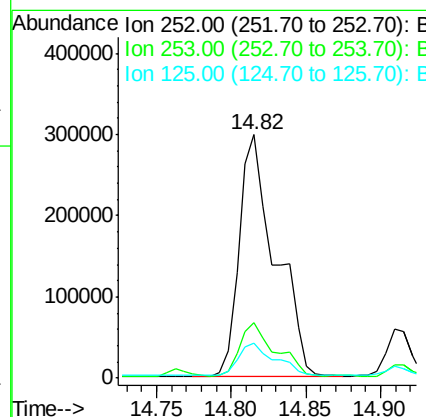
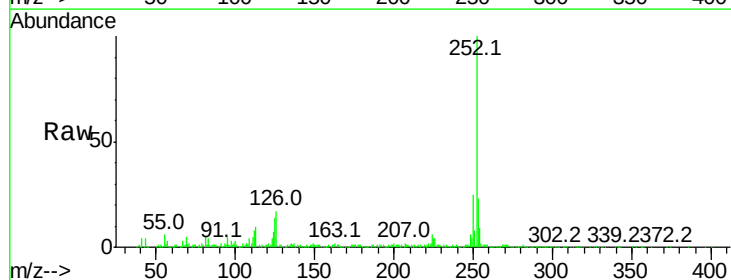
Instrument :
BNA_F
ClientSampled :

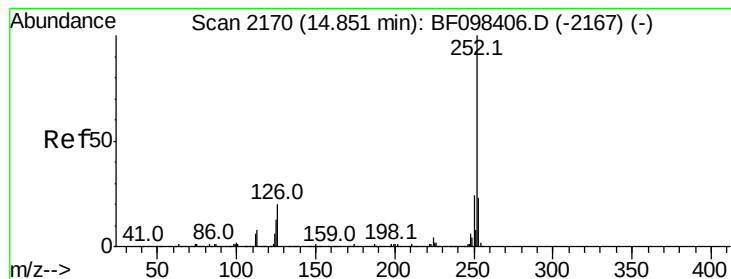
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.8	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 32.611 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098510.D
Acq: 14 Sep 2017 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	14.1	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 34.932 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.04 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

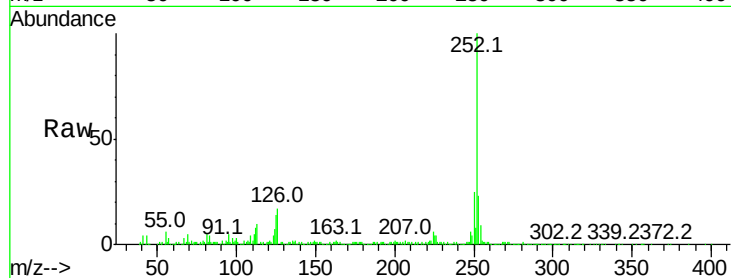
Tot Ion:252 Resp: 505398

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

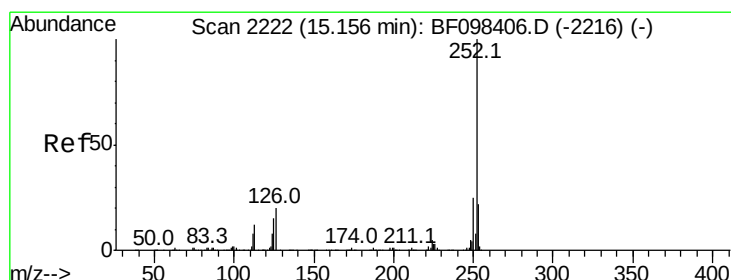
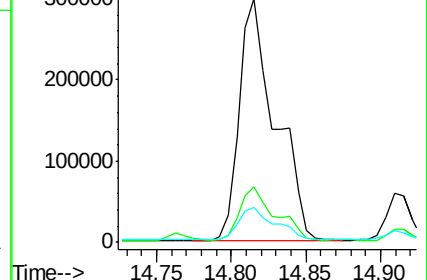
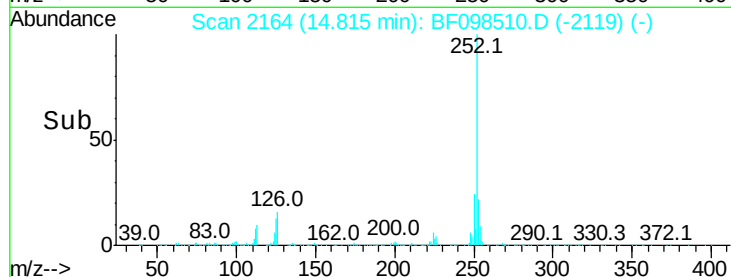
125 14.1 13.1 19.7



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: 10.690 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

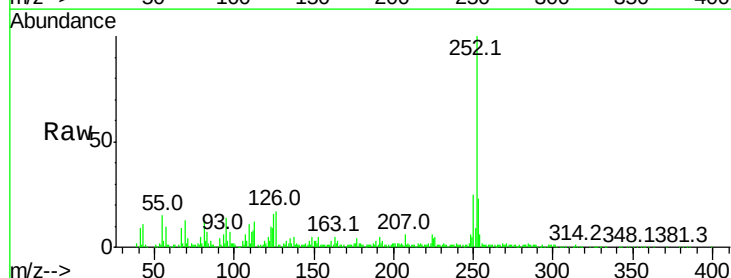
Tgt Ion:252 Resp: 147598

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

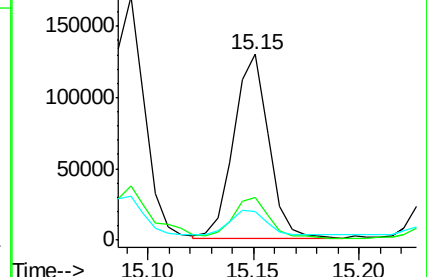
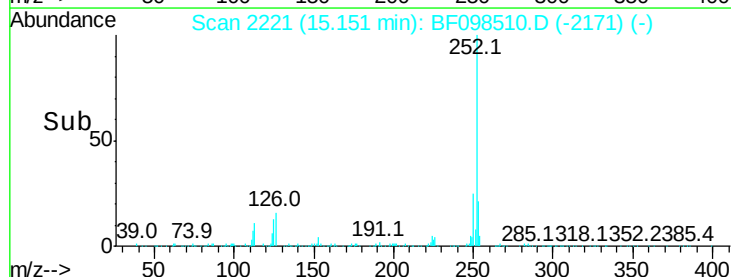
125 15.6 11.0 16.4

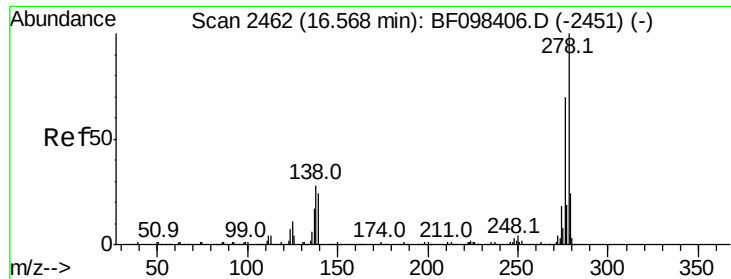


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.761 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

Instrument :

BNA_F

ClientSampleId :

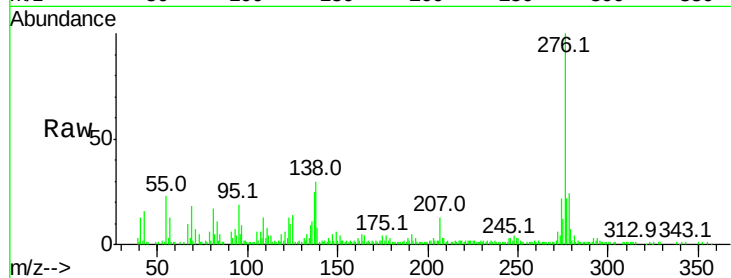
Tot Ion:278 Resp: 27733

Ion Ratio Lower Upper

278 100

139 34.6 16.6 24.8#

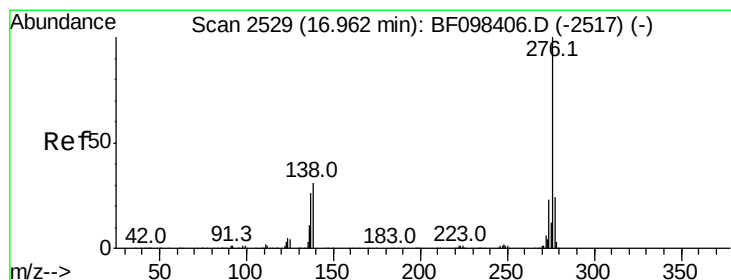
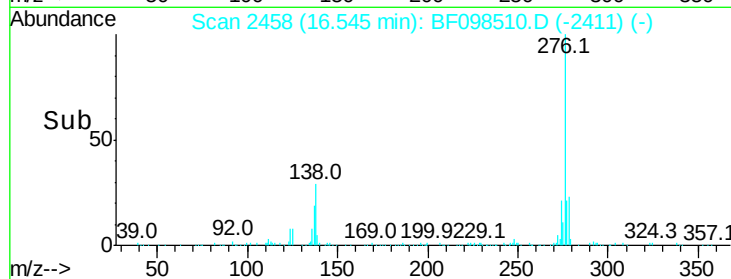
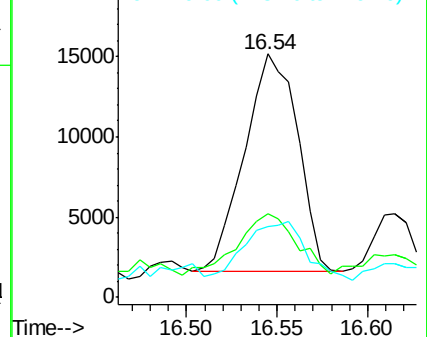
279 29.1 19.3 28.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 9.112 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF098510.D

Acq: 14 Sep 2017 00:58

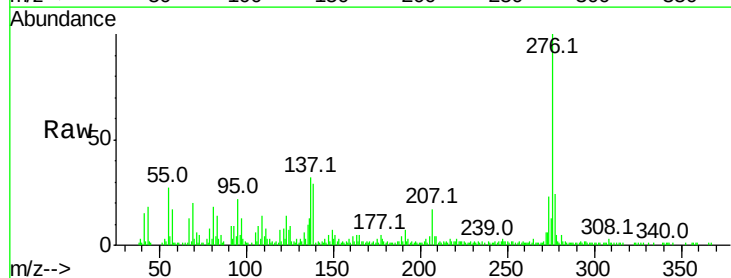
Tgt Ion:276 Resp: 92054

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 28.9 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

