

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107177.D
 Acq On : 6 Jul 2018 17:14
 Operator : JU/SJ
 Sample : J3864-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-6A(3-8)

Quant Time: Jul 06 17:40:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

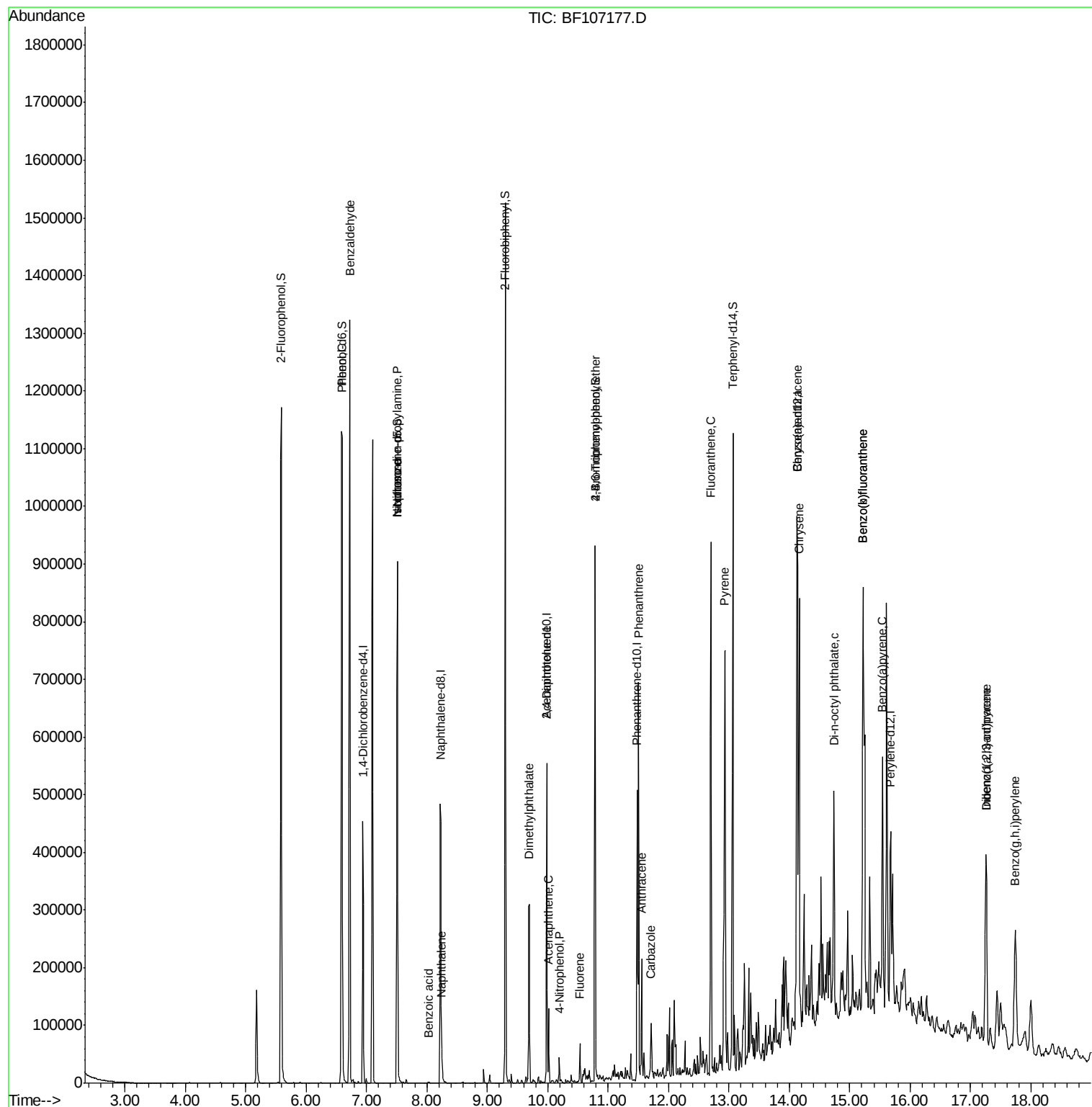
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64063	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	245760	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	119802	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	203027	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	166367	20.00	ng	-0.03
86) Perylene-d12	15.68	264	154553	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	367939	97.25	ng	-0.01
7) Phenol-d6	6.59	99	477396	101.05	ng	-0.02
23) Nitrobenzene-d5	7.51	82	307299	69.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	134050	96.54	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	491814	66.23	ng	-0.02
78) Terphenyl-d14	13.07	244	424639	61.83	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	8113	2.049	ng	Qvalue 84
10) Phenol	6.60	94	12408	2.301	ng	# 74
19) n-Nitroso-di-n-propylamine	7.51	70	39408	12.654	ng	# 72
20) 3+4-Methylphenols	7.40	107	139	Below Cal		# 20
25) Isophorone	7.51	82	307295	39.434	ng	# 64
31) Naphthalene	8.25	128	25337	2.205	ng	100
32) Benzoic acid	8.03	122	569	5.940	ng	# 1
49) Dimethylphthalate	9.70	163	138811	15.449	ng	99
51) Acenaphthene	10.02	154	25772	3.449	ng	95
55) 4-Nitrophenol	10.19	139	6171	4.038	ng	# 9
56) 2,4-Dinitrotoluene	9.98	165	15494	6.239	ng	# 21
57) Fluorene	10.54	166	17565	2.164	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	8053	3.324	ng	# 1
70) Phenanthrene	11.51	178	248615	25.389	ng	98
71) Anthracene	11.55	178	85537	8.558	ng	99
72) Carbazole	11.71	167	39080	4.176	ng	98
74) Fluoranthene	12.70	202	362635	33.598	ng	97
77) Pyrene	12.94	202	359393	32.759	ng	99
80) Benzo(a)anthracene	14.12	228	357741	35.282	ng	99
82) Chrysene	14.17	228	298310	31.979	ng	97
84) Di-n-octyl phthalate	14.74	149	34217	3.640	ng	# 53
85) Indeno(1,2,3-cd)pyrene	17.26	276	217520	27.477	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	683746	71.218	ng	96
88) Benzo(k)fluoranthene	15.22	252	683746	74.785	ng	# 96
89) Benzo(a)pyrene	15.54	252	240118	28.134	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	62839	8.688	ng	# 73
91) Benzo(g,h,i)perylene	17.74	276	189670	26.828	ng	# 91

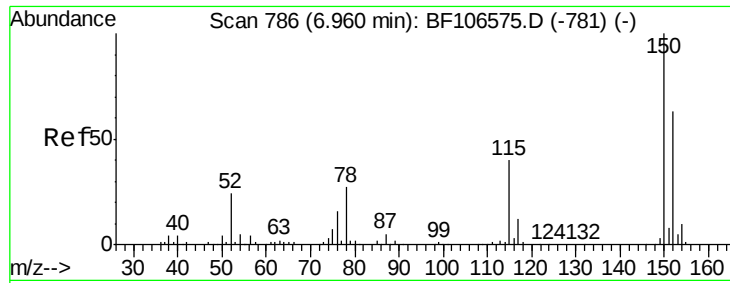
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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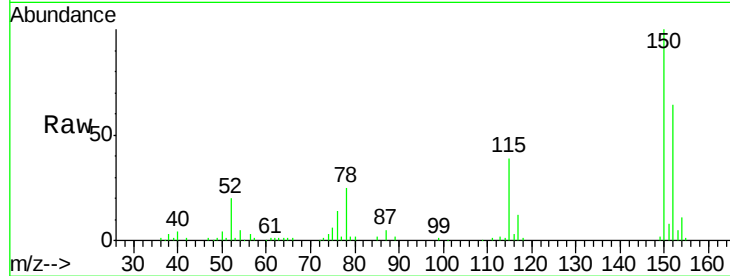


#1

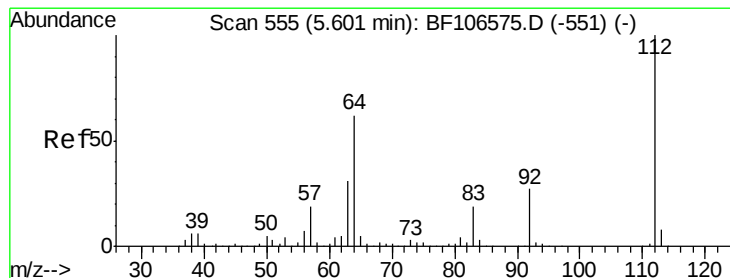
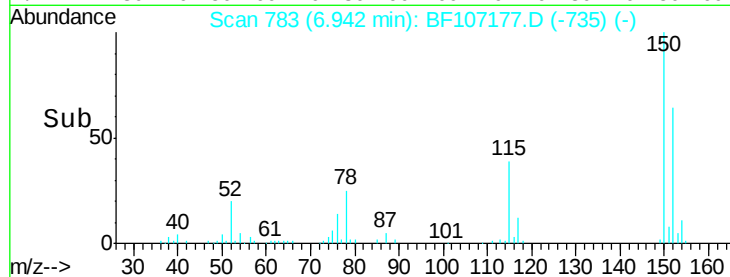
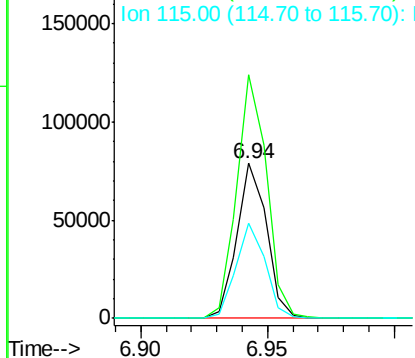
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Instrument :
BNA_F
ClientSampleId :
EPE-108-6A(3-8)

Tgt Ion:152 Resp: 64063
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.1 50.1 75.1



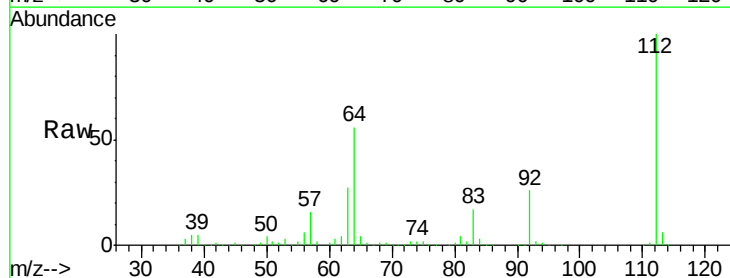
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



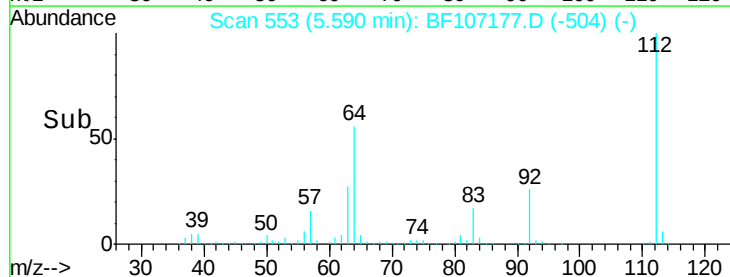
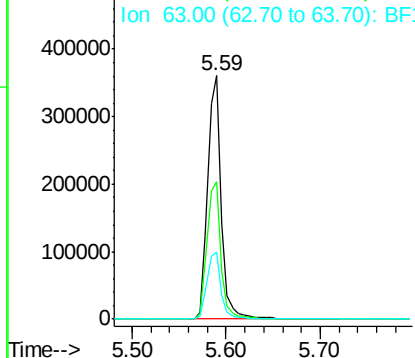
#5

2-Fluorophenol
Concen: 97.254 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Tgt Ion:112 Resp: 367939
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.045 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

EPE-108-6A(3-8)

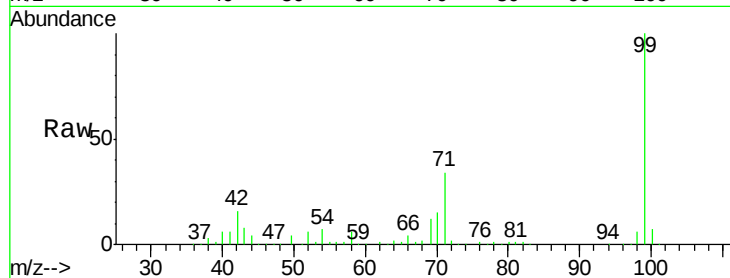
Tgt Ion: 99 Resp: 477396

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

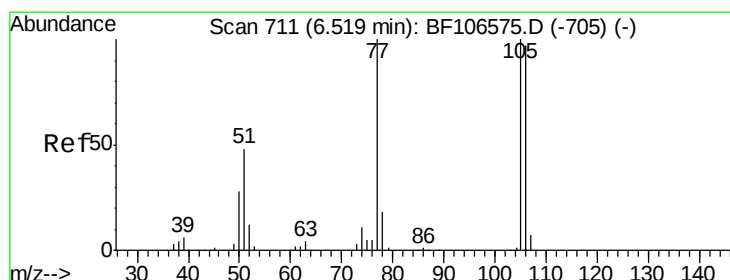
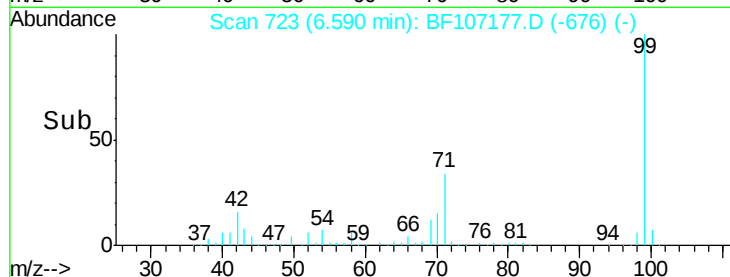
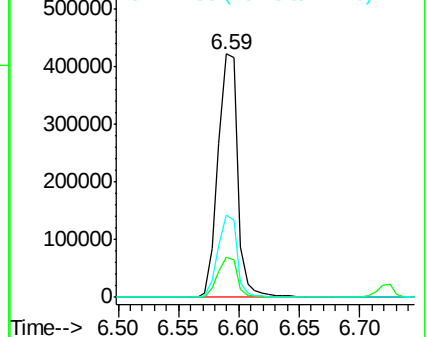
71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.049 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

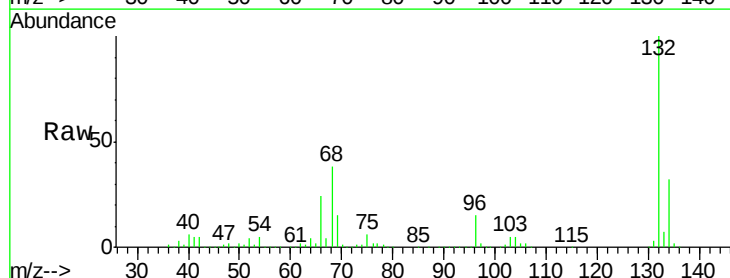
Tgt Ion: 77 Resp: 8113

Ion Ratio Lower Upper

77 100

105 83.0 81.1 121.1

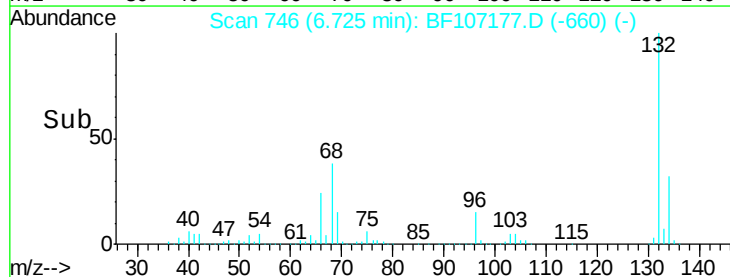
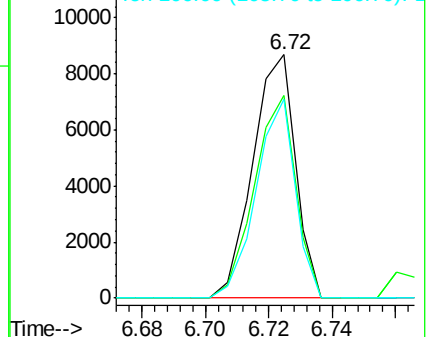
106 81.5 74.5 114.5

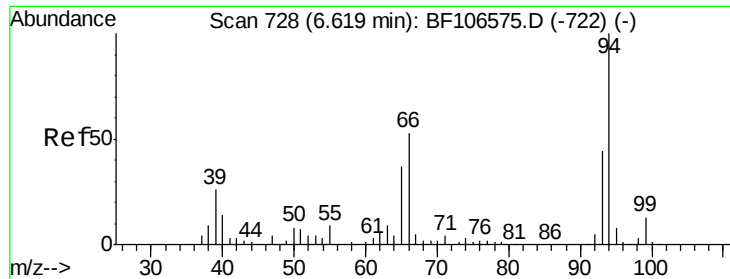


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.301 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

EPE-108-6A(3-8)

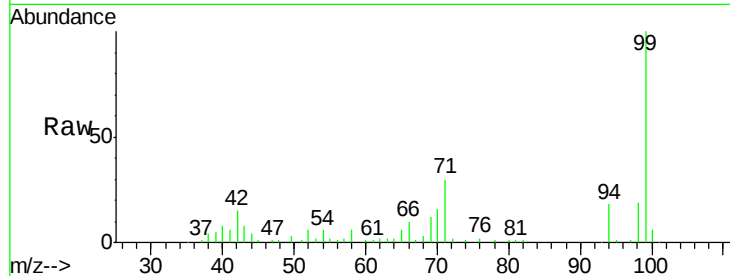
Tgt Ion: 94 Resp: 12408

Ion Ratio Lower Upper

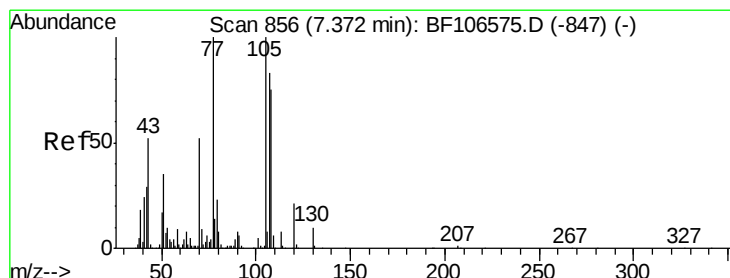
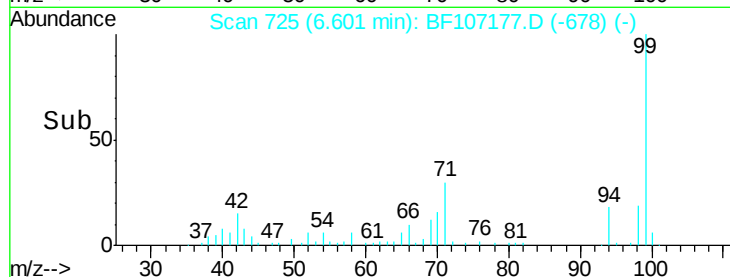
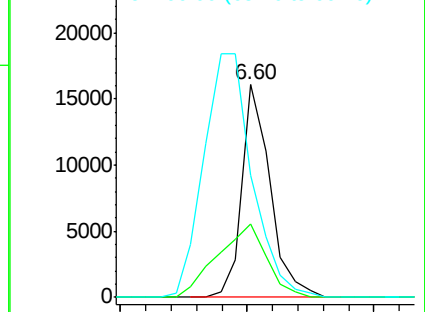
94 100

65 34.6 7.9 47.9

66 57.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.654 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Tgt Ion: 70 Resp: 39408

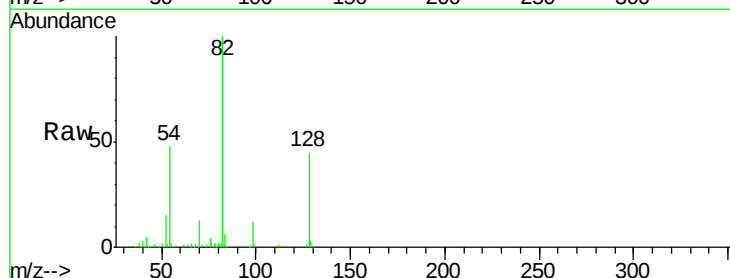
Ion Ratio Lower Upper

70 100

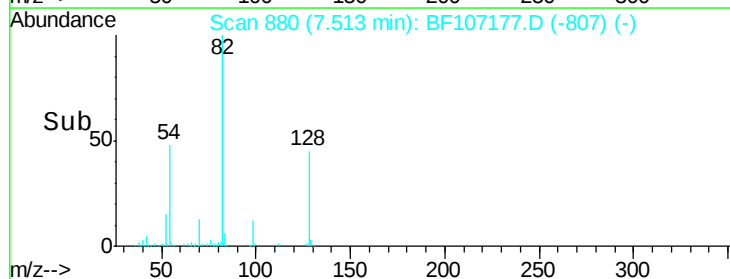
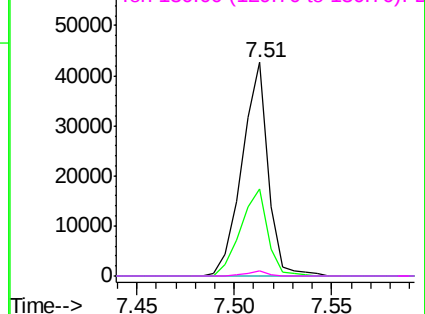
42 41.1 47.5 71.3#

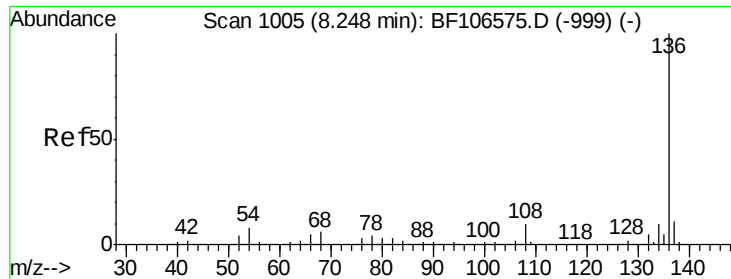
101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

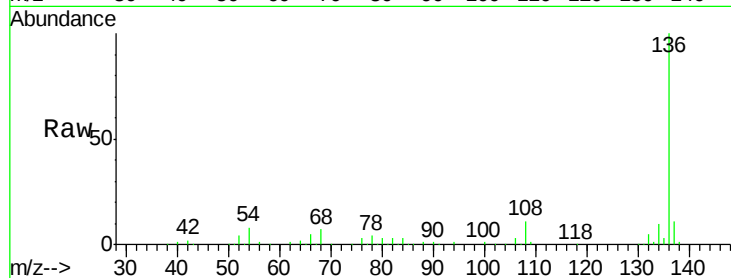




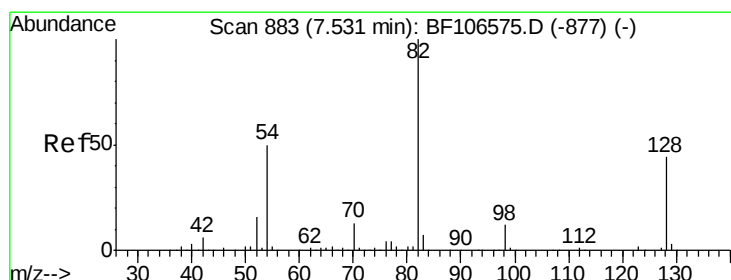
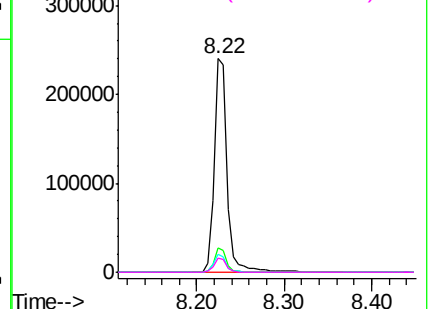
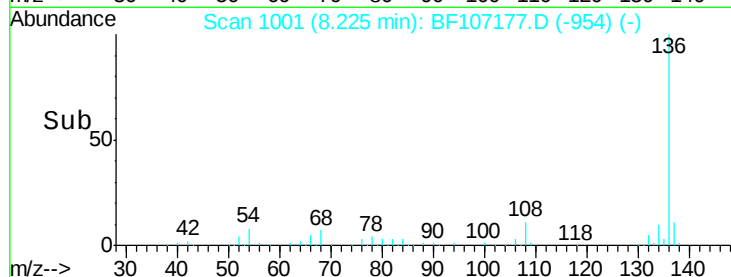
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Instrument :
BNA_F
ClientSampleId :
EPE-108-6A(3-8)

Tgt Ion: 136 Resp: 245760
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.3 6.6 9.8
68 6.9 5.0 7.4

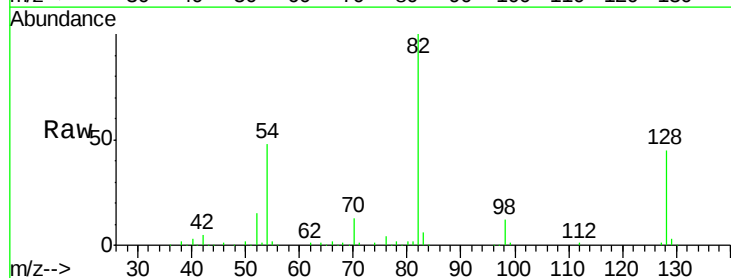


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

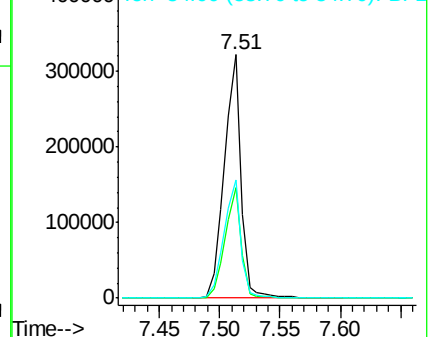
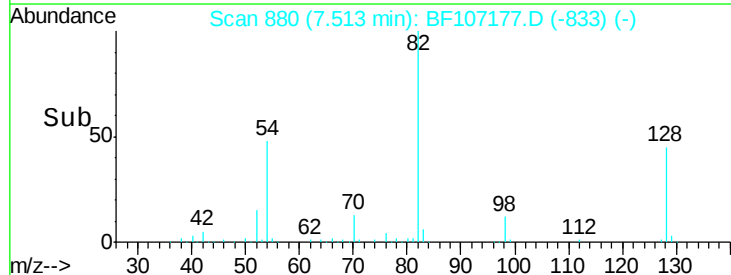


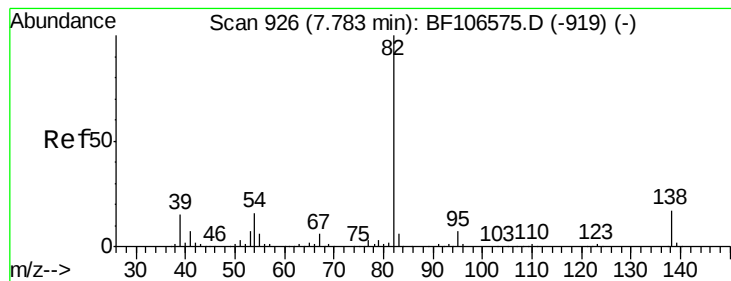
#23
Nitrobenzene-d5
Concen: 69.489 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Tgt Ion: 82 Resp: 307299
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 48.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.434 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

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ClientSampleId :

EPE-108-6A(3-8)

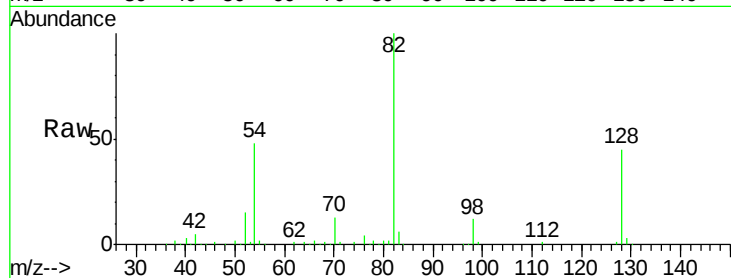
Tgt Ion: 82 Resp: 307295

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

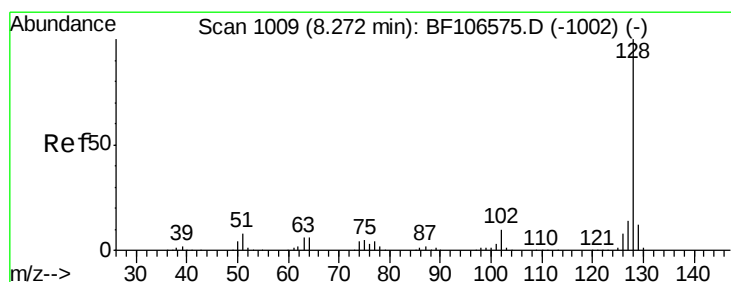
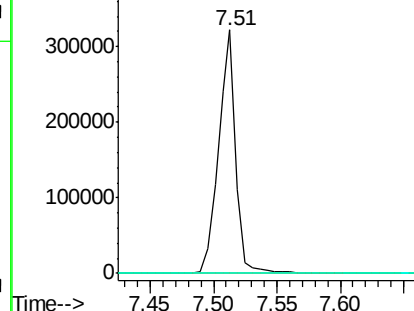
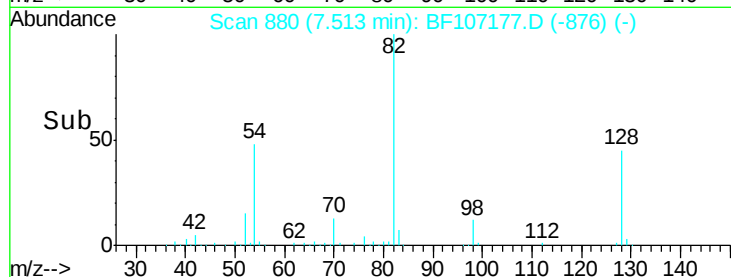
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.205 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

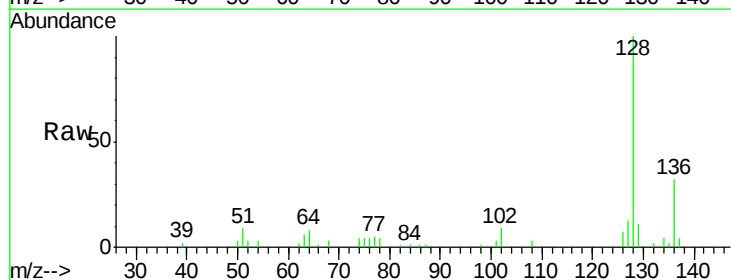
Tgt Ion: 128 Resp: 25337

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

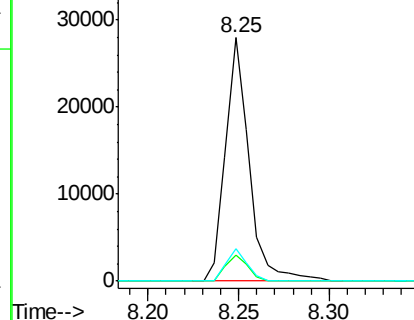
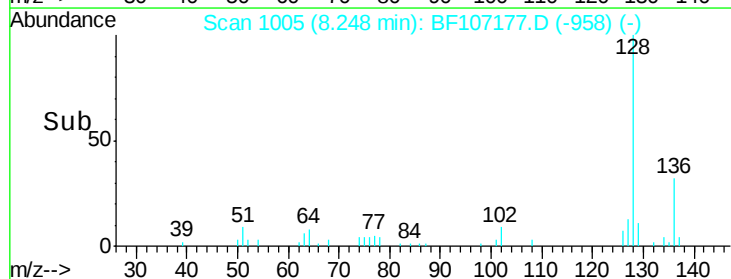
127 13.4 10.9 16.3

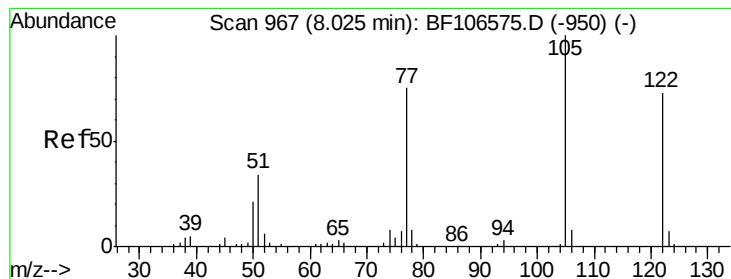


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#32

Benzoic acid

Concen: 5.940 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Instrument :

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EPE-108-6A(3-8)

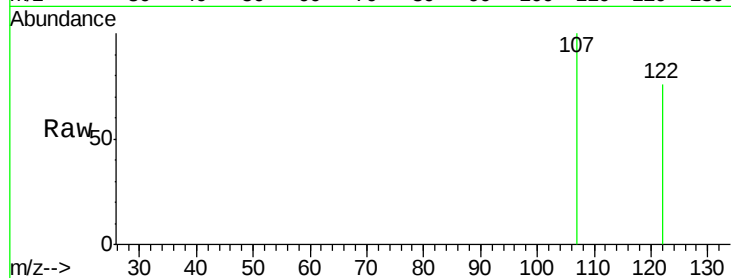
Tgt Ion:122 Resp: 569

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

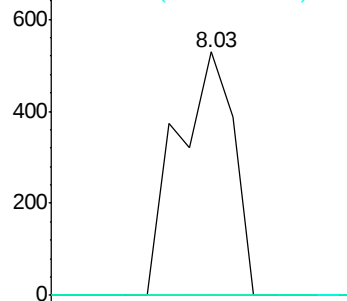
77 0.0 70.7 110.7#



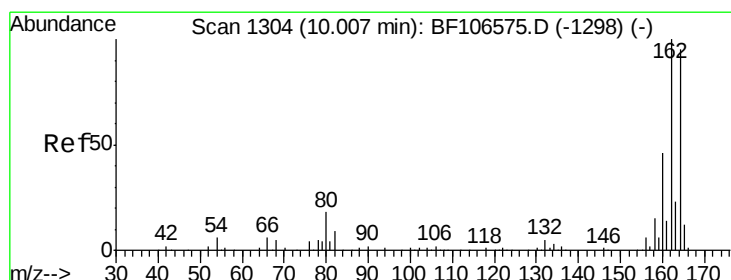
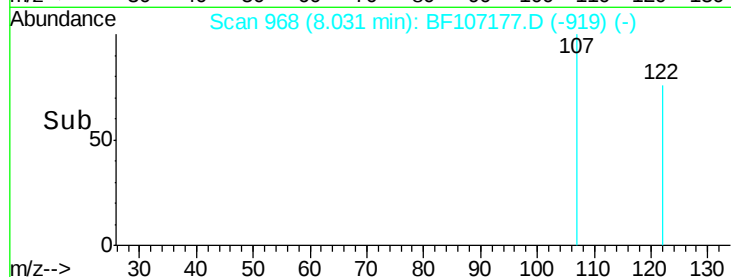
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

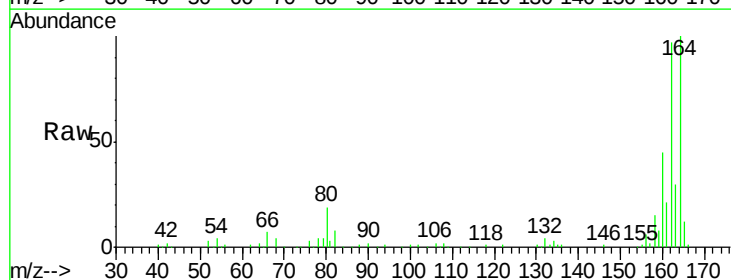
Tgt Ion:164 Resp: 119802

Ion Ratio Lower Upper

164 100

162 96.5 86.1 129.1

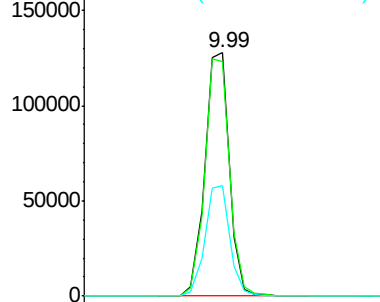
160 45.2 38.3 57.5



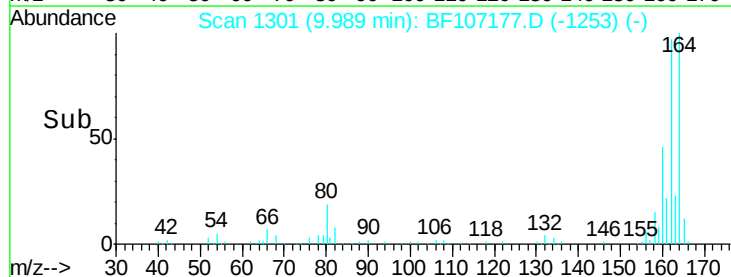
Abundance Ion 164.00 (163.70 to 164.70): E

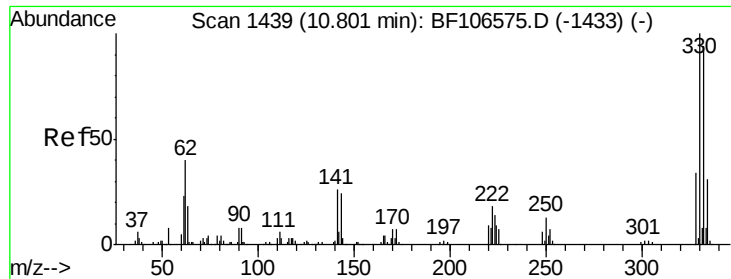
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

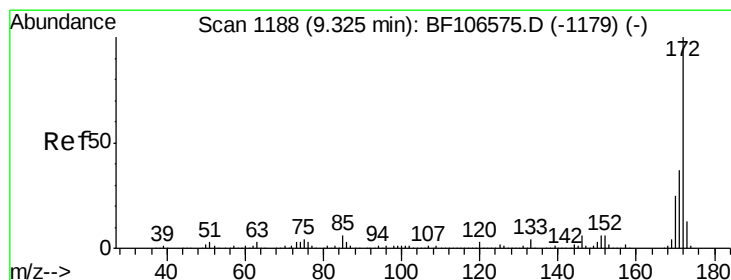
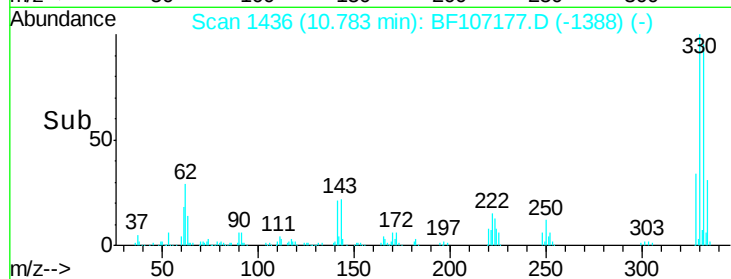
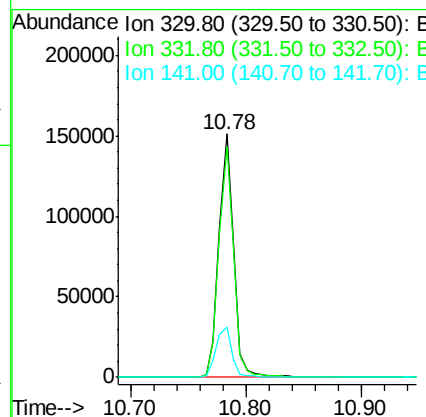
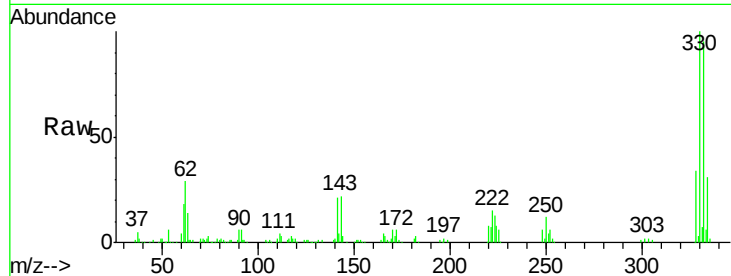




#41
 2,4,6-Tribromophenol
 Concen: 96.540 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

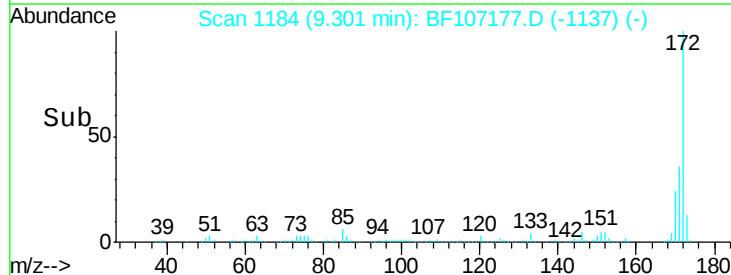
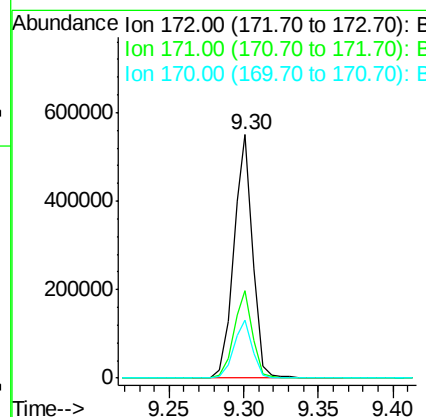
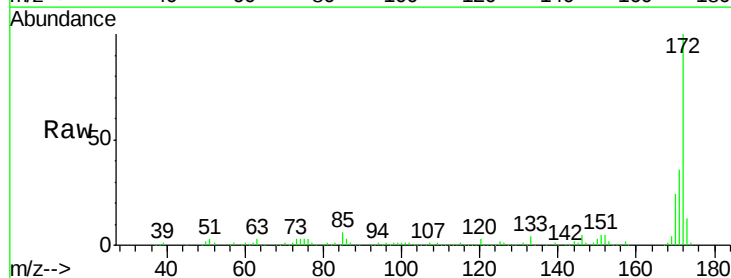
Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-6A(3-8)

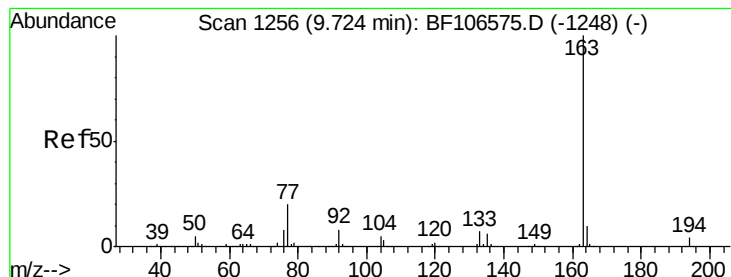
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	22.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 66.228 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 15.449 ng

RT: 9.70 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

EPE-108-6A(3-8)

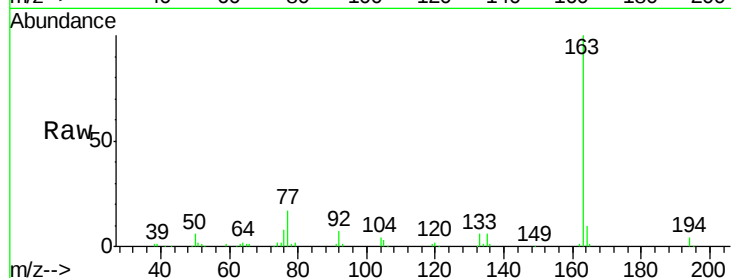
Tgt Ion:163 Resp: 138811

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

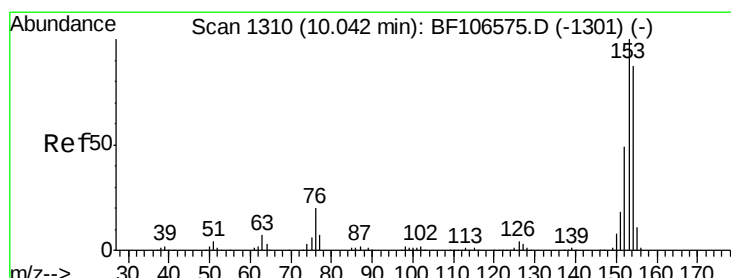
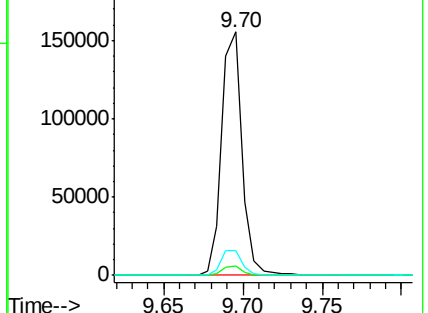
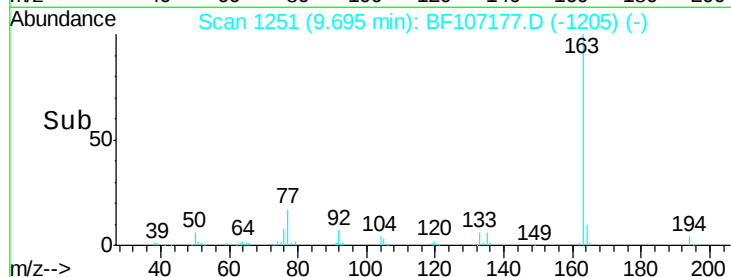
164 10.3 8.2 12.2



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: 3.449 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

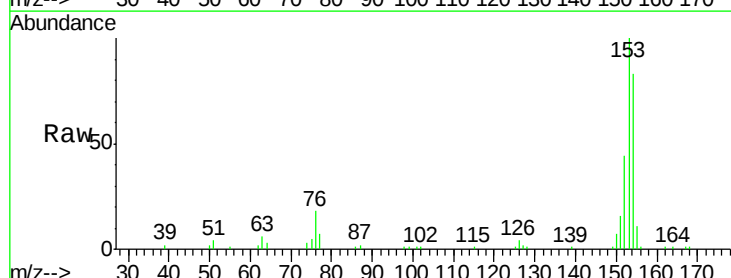
Tgt Ion:154 Resp: 25772

Ion Ratio Lower Upper

154 100

153 120.3 91.2 136.8

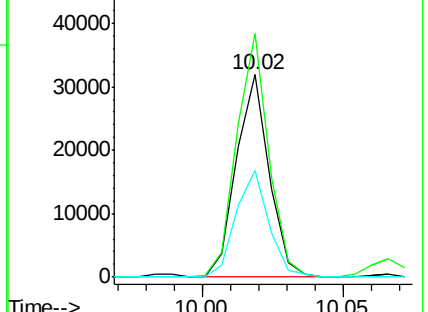
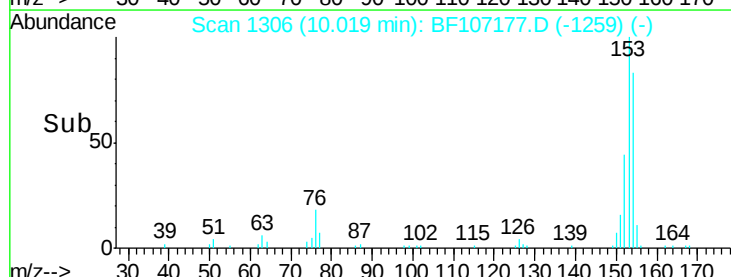
152 52.5 43.8 65.8

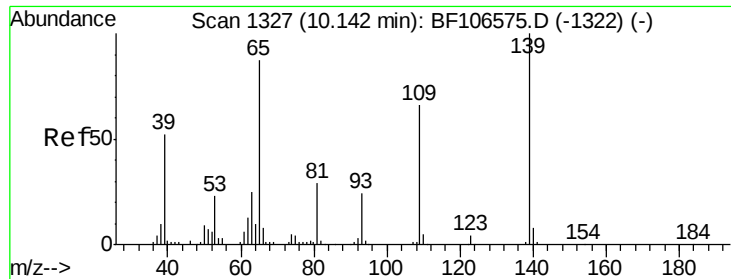


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

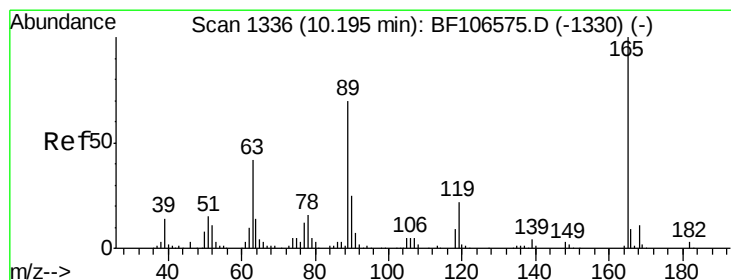
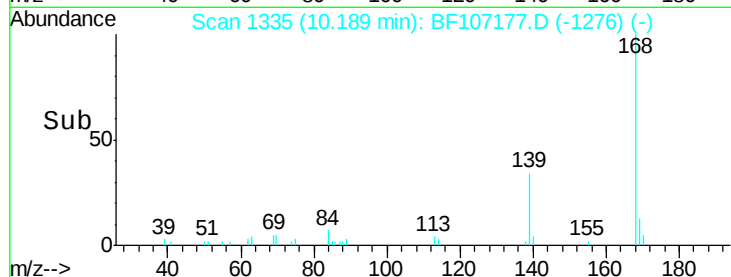
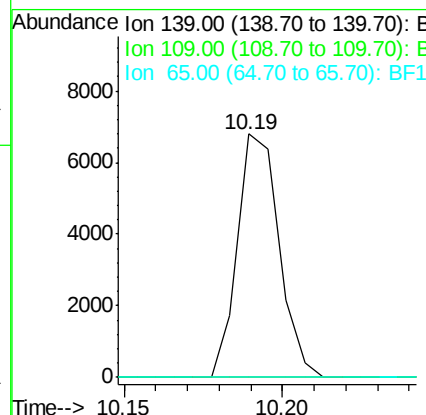
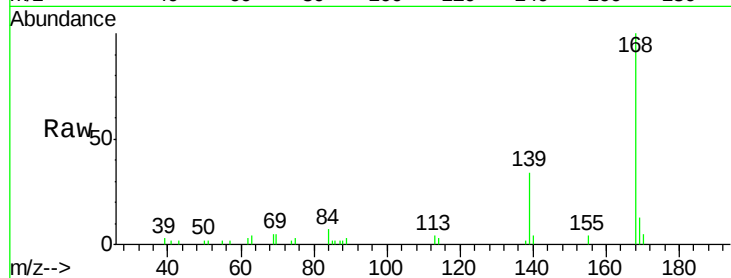




#55
4-Nitrophenol
Concen: 4.038 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

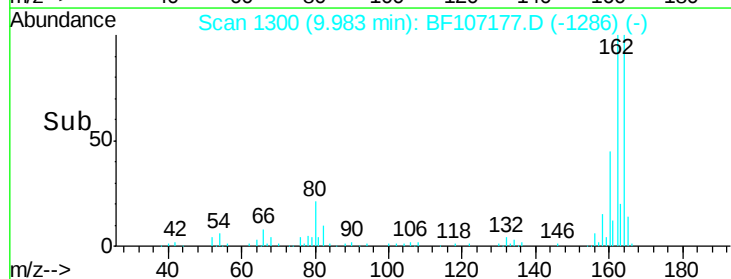
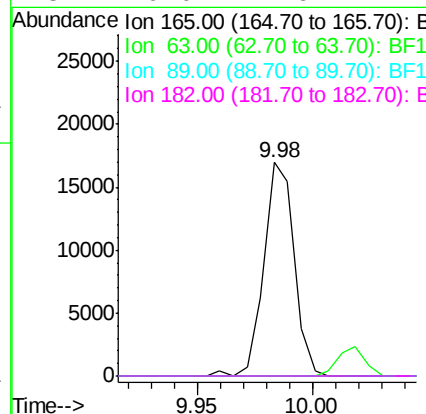
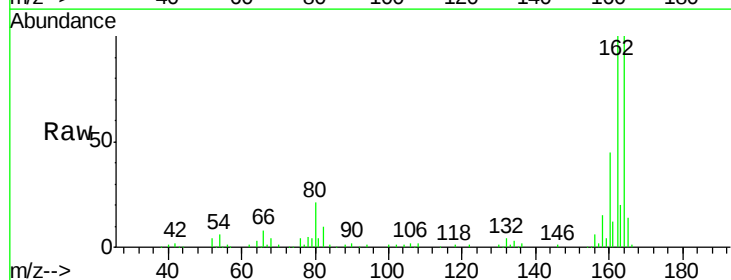
Instrument :
BNA_F
ClientSampleId :
EPE-108-6A(3-8)

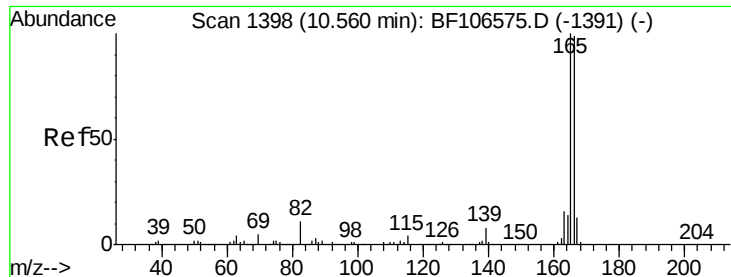
Tgt Ion:139 Resp: 6171
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.239 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Tgt Ion:165 Resp: 15494
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

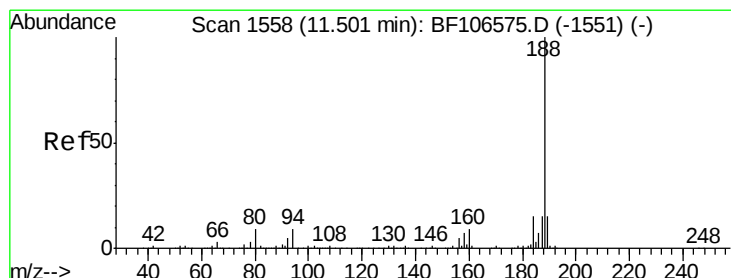
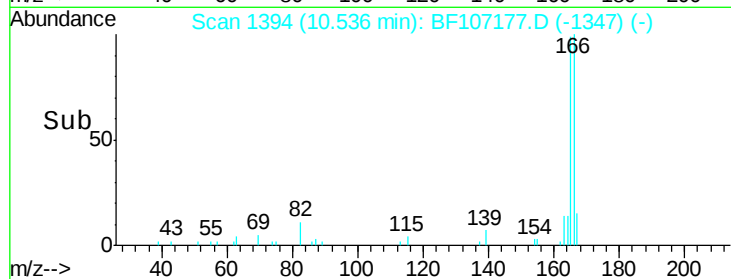
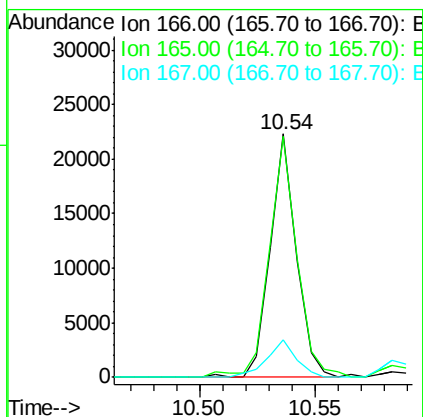
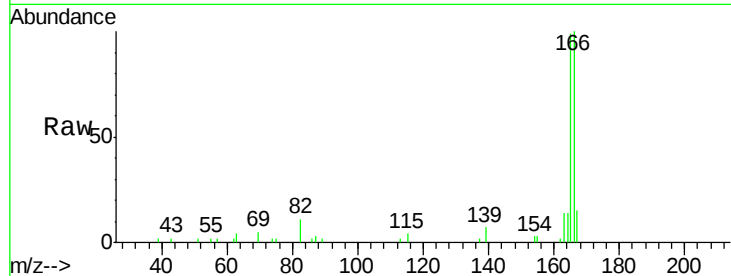




#57
 Fluorene
 Concen: 2.164 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

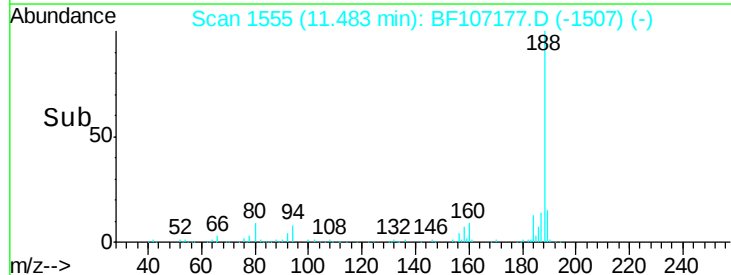
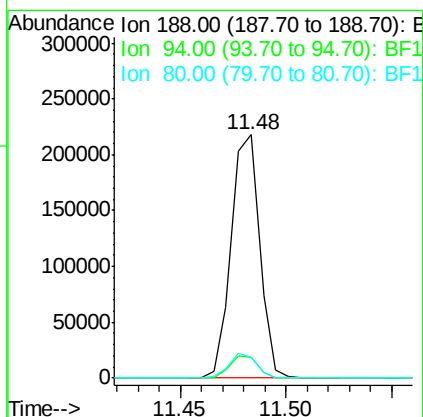
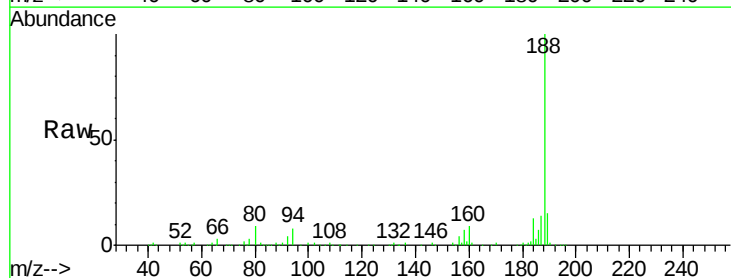
Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-6A(3-8)

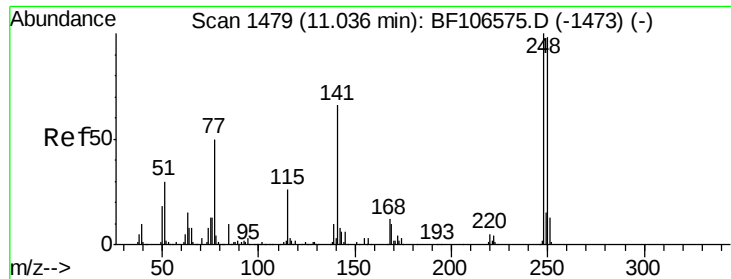
Tgt Ion:166 Resp: 17565
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 15.3 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

Tgt Ion:188 Resp: 203027
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 8.5 9.2 13.8#

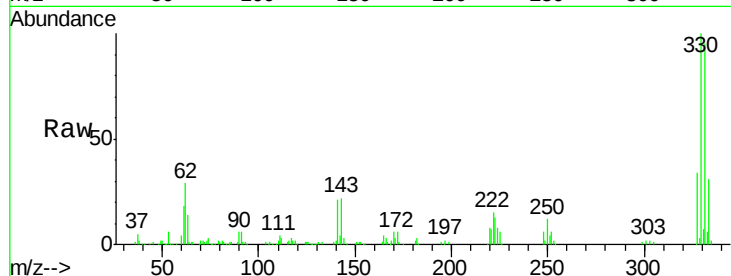




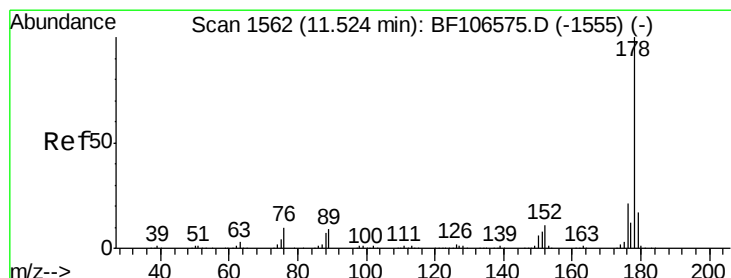
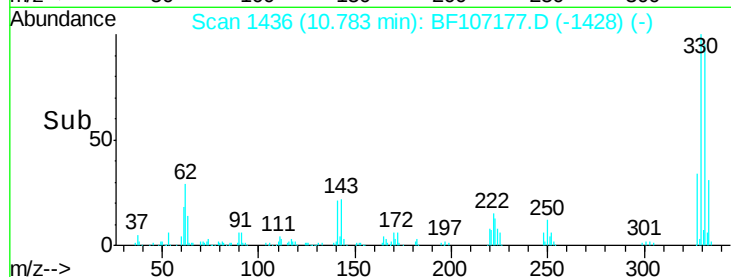
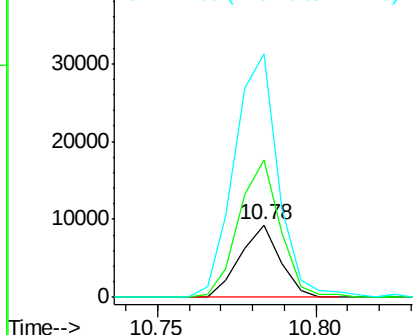
#66
 4-Bromophenyl-phenylether
 Concen: 3.324 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-6A(3-8)

Tgt Ion:248 Resp: 8053
 Ion Ratio Lower Upper
 248 100
 250 189.7 76.9 115.3#
 141 337.5 74.4 111.6#

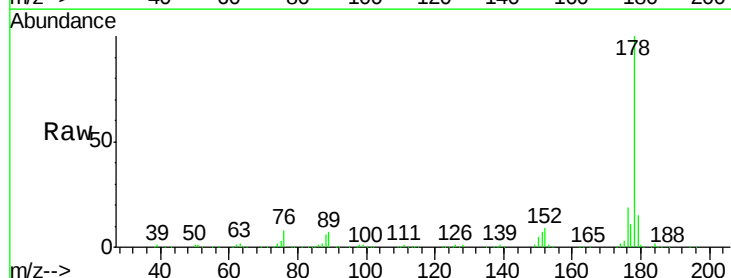


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

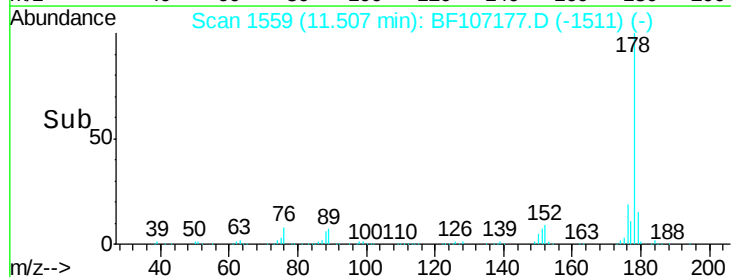
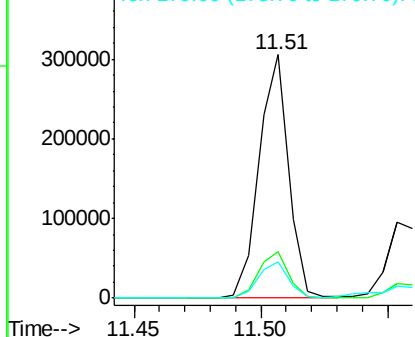


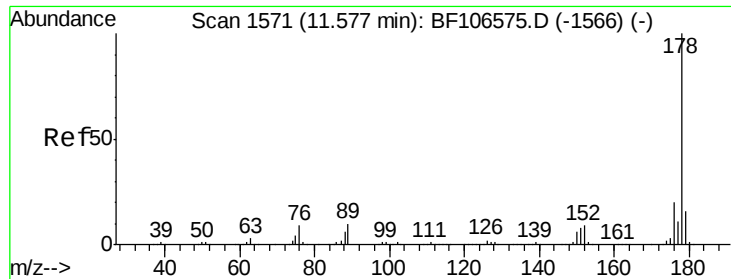
#70
 Phenanthrene
 Concen: 25.389 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

Tgt Ion:178 Resp: 248615
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.1 13.0 19.6



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

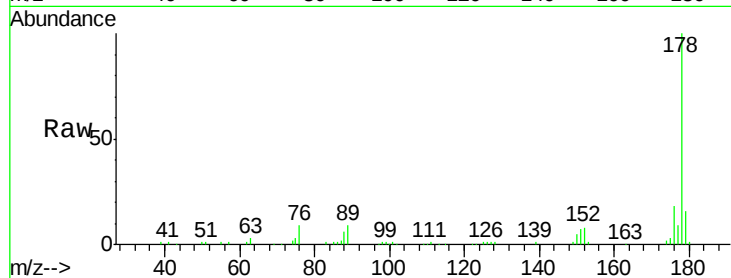




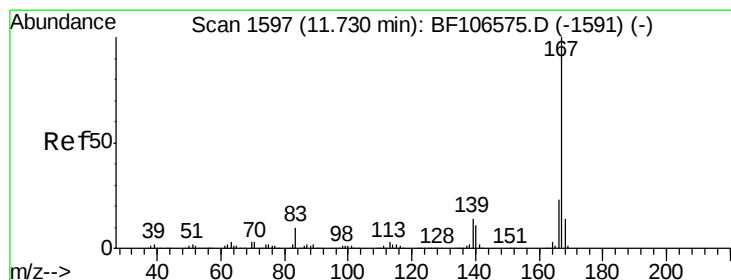
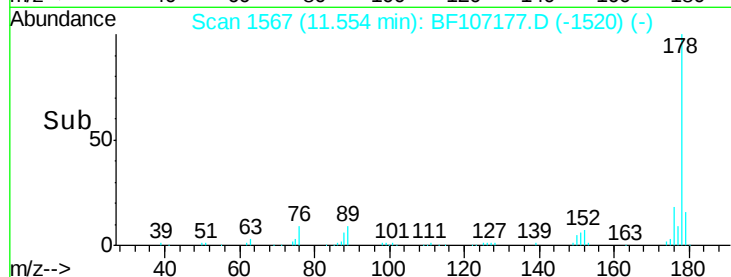
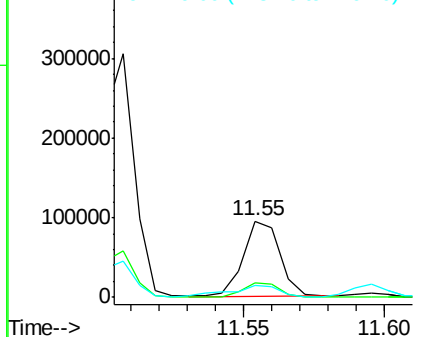
#71
 Anthracene
 Concen: 8.558 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-6A(3-8)

Tgt Ion:178 Resp: 85537
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.7 12.6 19.0

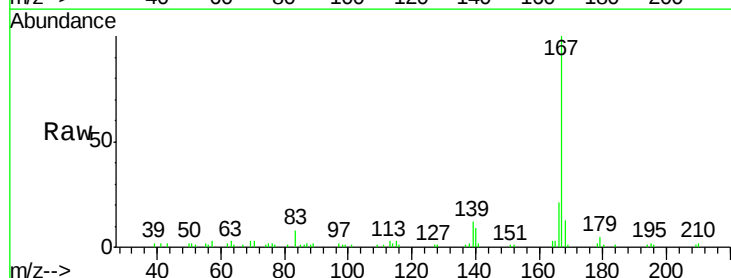


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

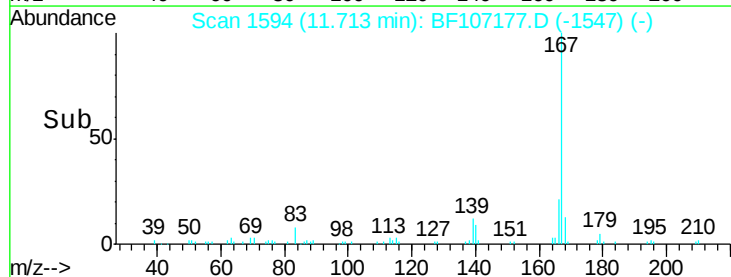
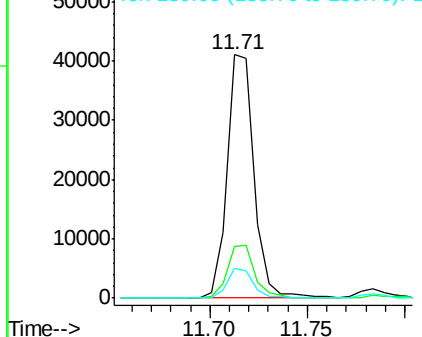


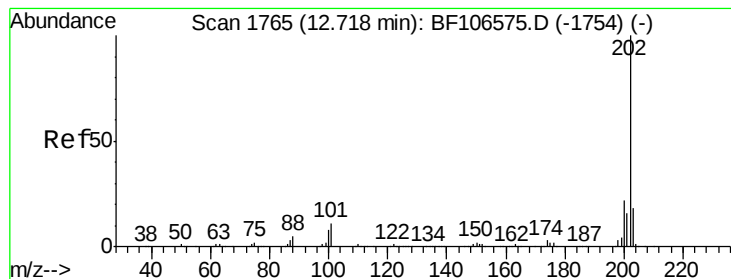
#72
 Carbazole
 Concen: 4.176 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

Tgt Ion:167 Resp: 39080
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.5 10.9 16.3



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: 33.598 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

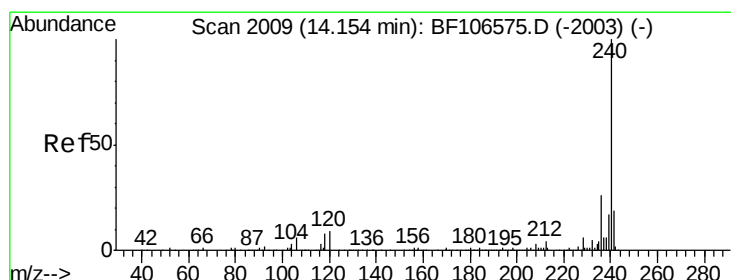
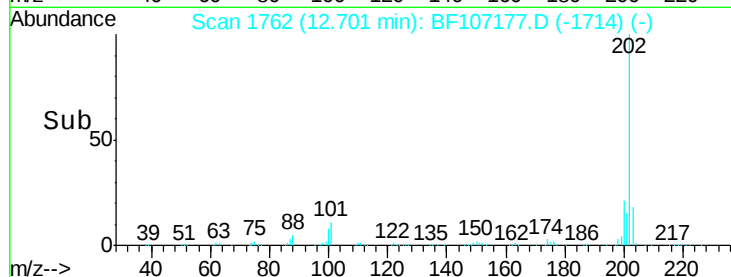
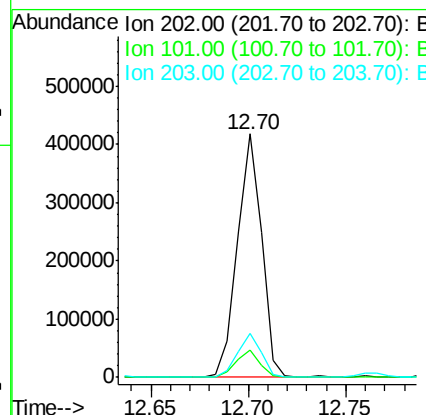
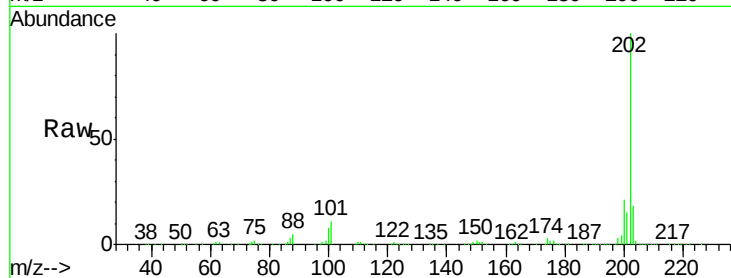
Instrument :

BNA_F

ClientSampleId :

EPE-108-6A(3-8)

Tgt Ion:	202	Resp:	362635
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.8	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

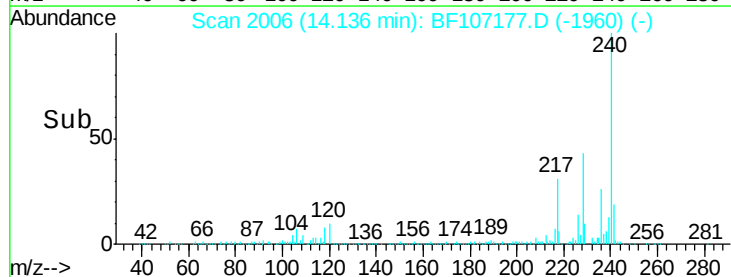
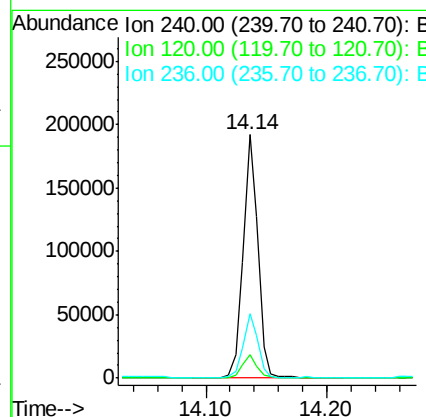
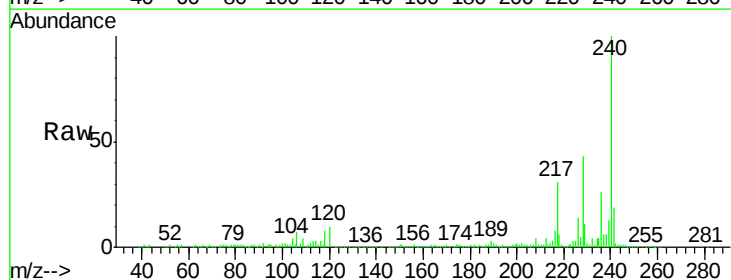
RT: 14.14 min Scan# 2006

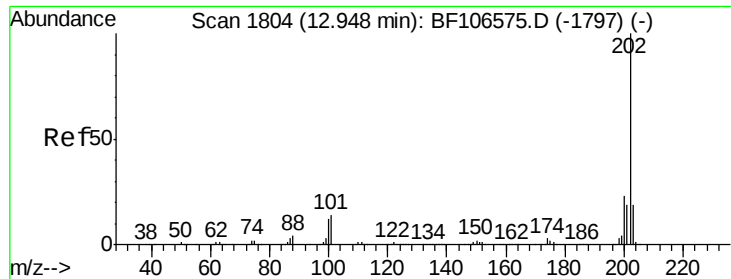
Delta R.T. -0.03 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Tgt Ion:	240	Resp:	166367
Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.3	20.7	31.1

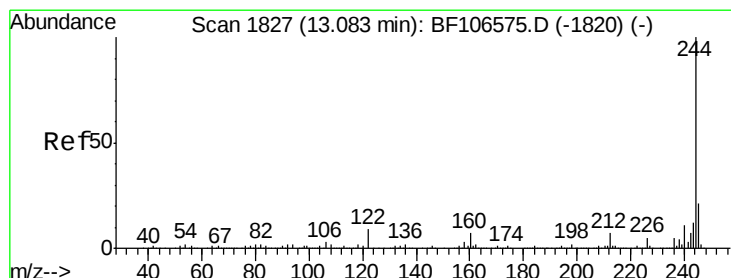
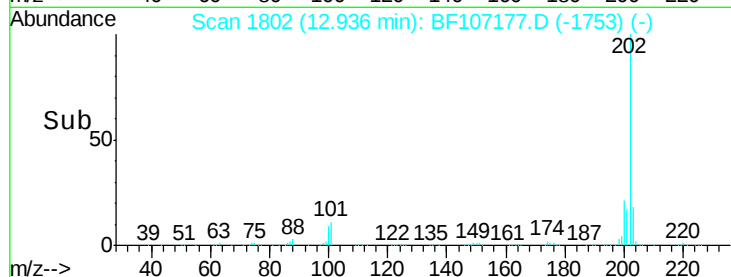
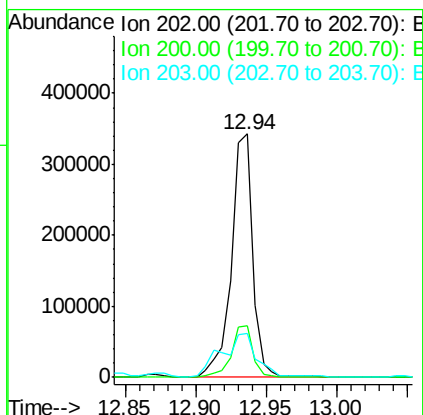
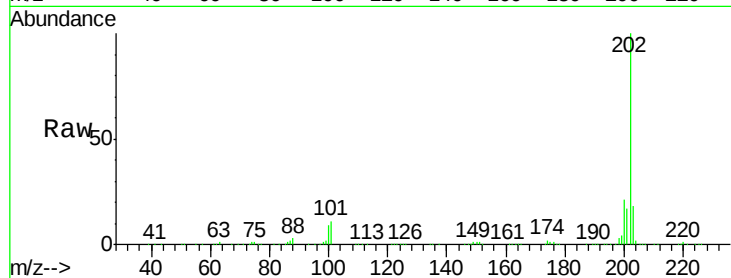




#77
 Pyrene
 Concen: 32.759 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

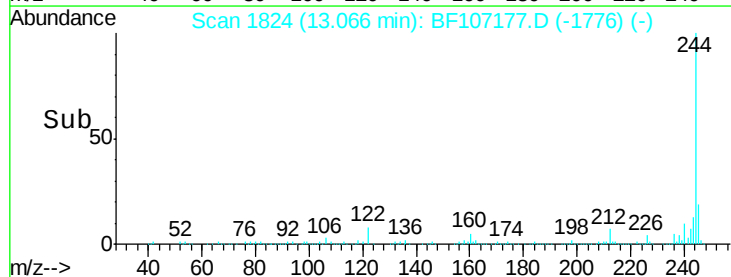
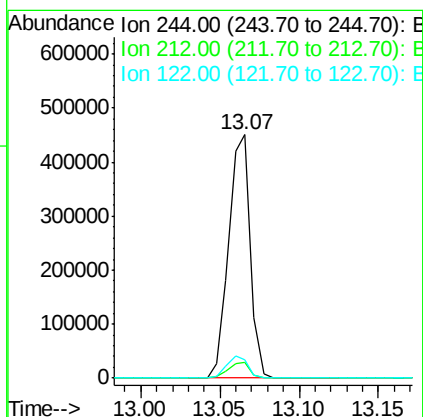
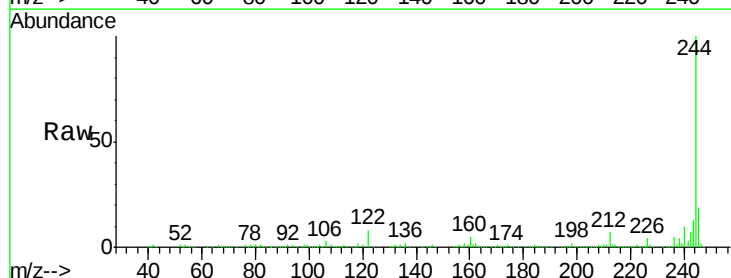
Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-6A(3-8)

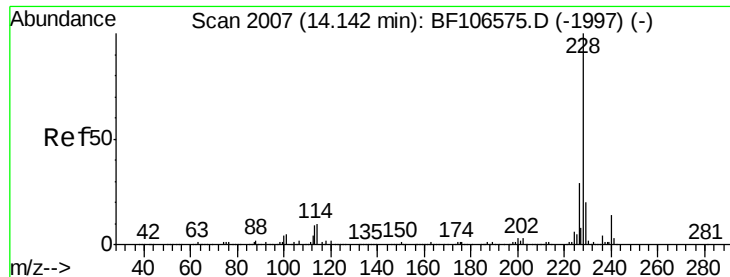
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.2	14.3	21.5



#78
 Terphenyl-d14
 Concen: 61.827 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107177.D
 Acq: 6 Jul 2018 17:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	7.6	11.0	16.4





#80

Benzo(a)anthracene

Concen: 35.282 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

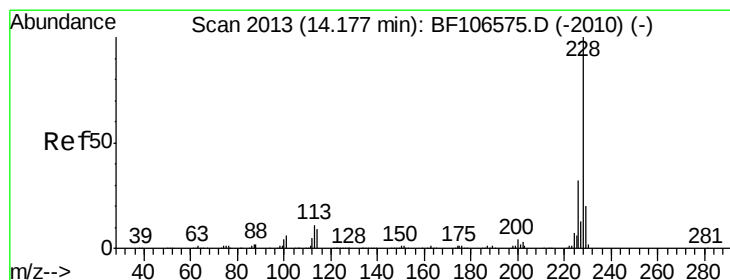
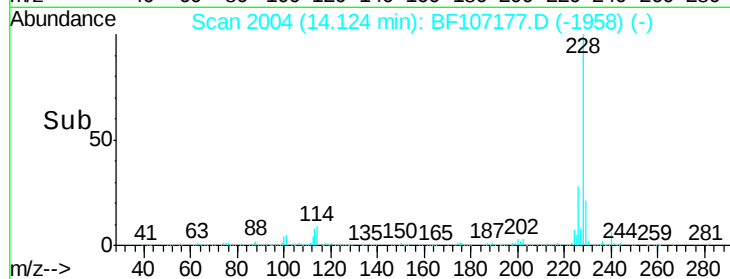
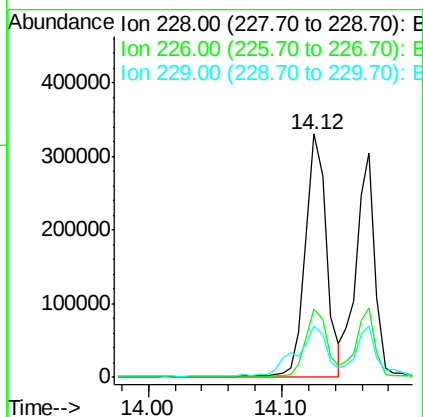
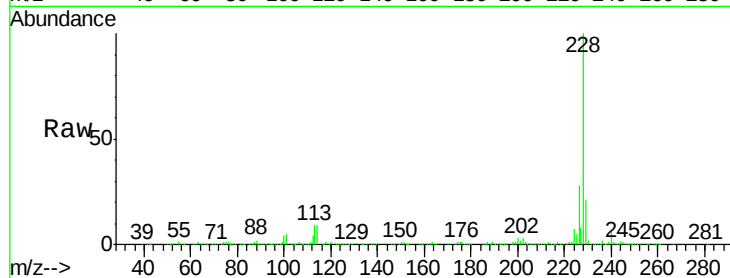
Instrument :

BNA_F

ClientSampleId :

EPE-108-6A(3-8)

Tgt Ion:	228	Resp:	357741
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.9	15.8	23.6



#82

Chrysene

Concen: 31.979 ng

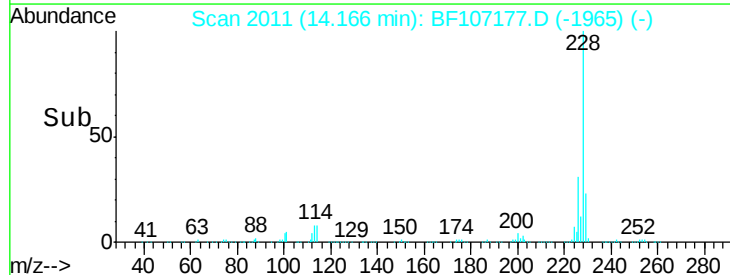
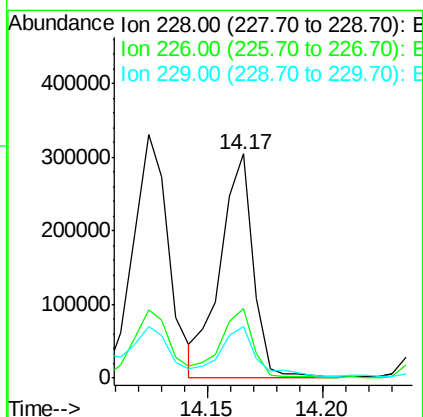
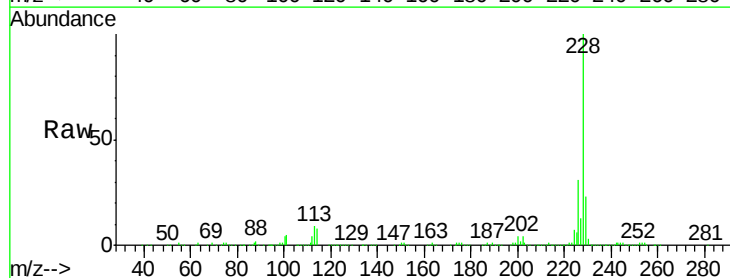
RT: 14.17 min Scan# 2011

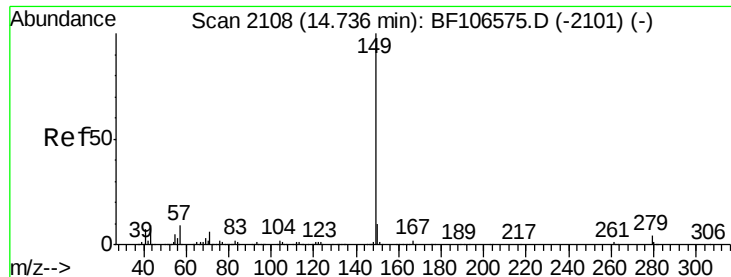
Delta R.T. -0.03 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Tgt Ion:	228	Resp:	298310
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.2	16.2	24.4

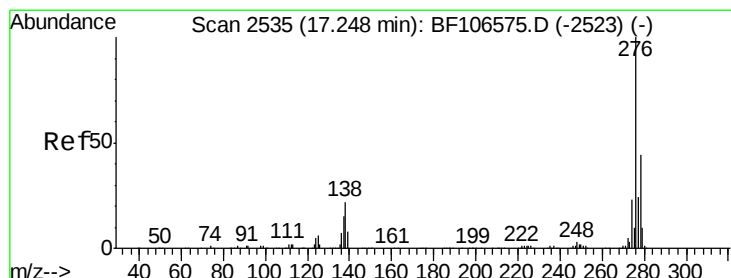
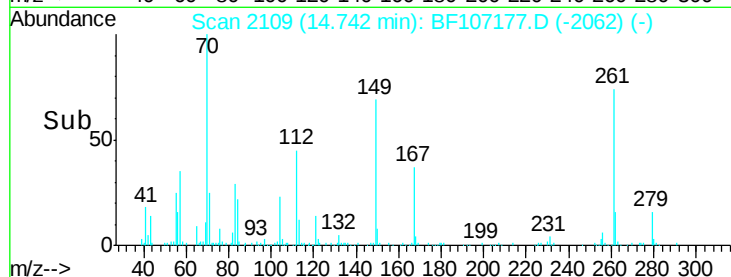
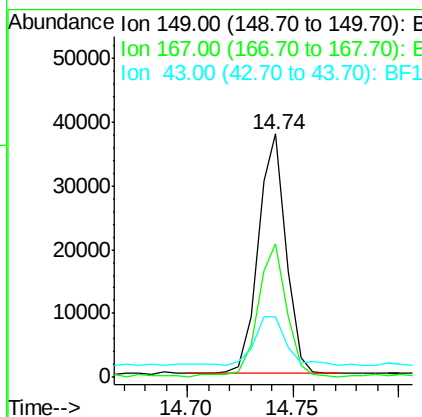
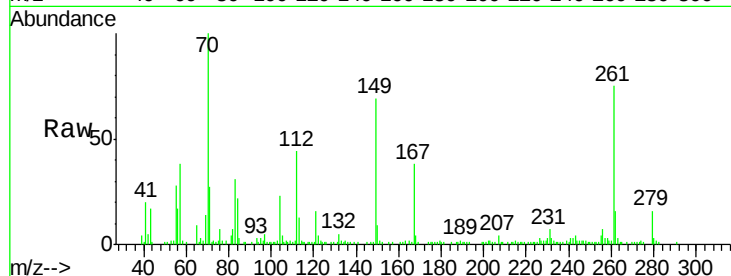




#84
Di-n-octyl phthalate
Concen: 3.640 ng
RT: 14.74 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

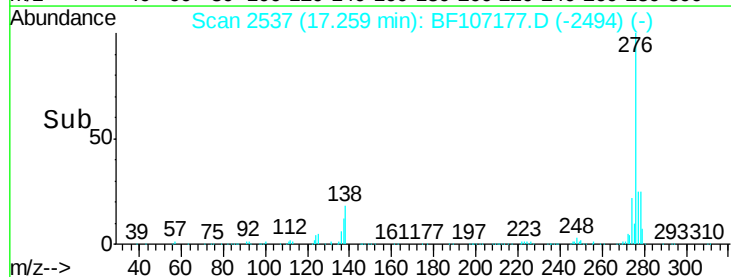
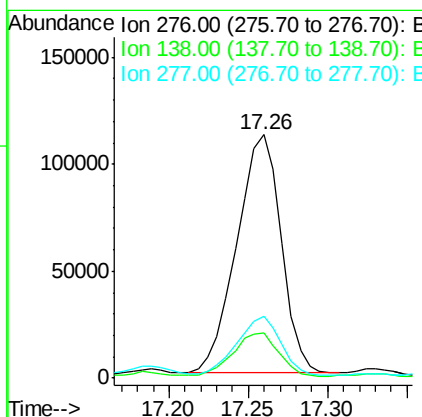
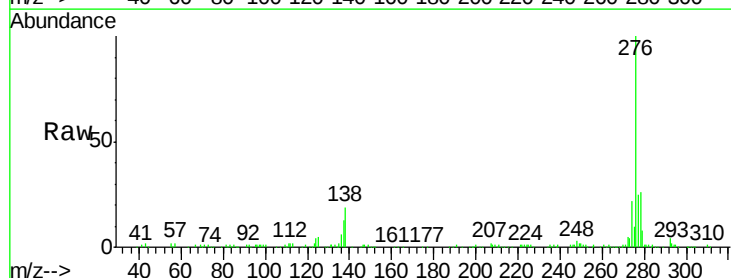
Instrument :
BNA_F
ClientSampleId :
EPE-108-6A(3-8)

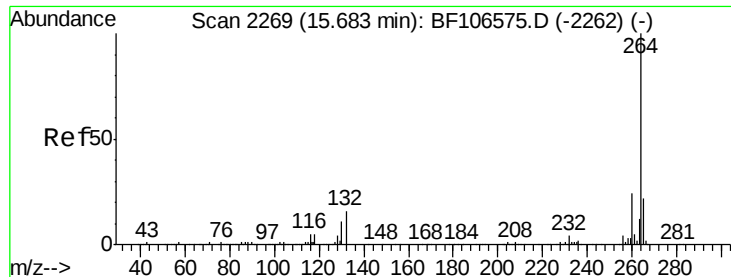
Tgt Ion:149 Resp: 34217
Ion Ratio Lower Upper
149 100
167 58.7 1.2 1.8#
43 22.6 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 27.477 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Tgt Ion:276 Resp: 217520
Ion Ratio Lower Upper
276 100
138 19.0 25.0 37.6#
277 24.4 20.1 30.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

EPE-108-6A(3-8)

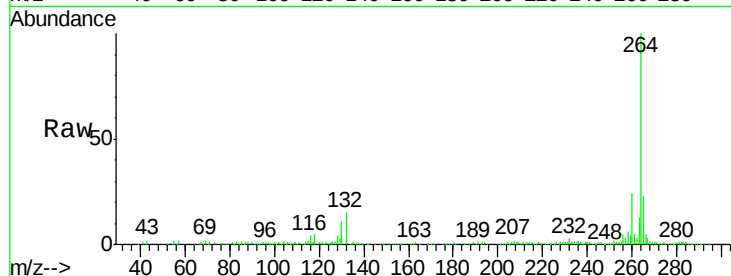
Tgt Ion:264 Resp: 154553

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

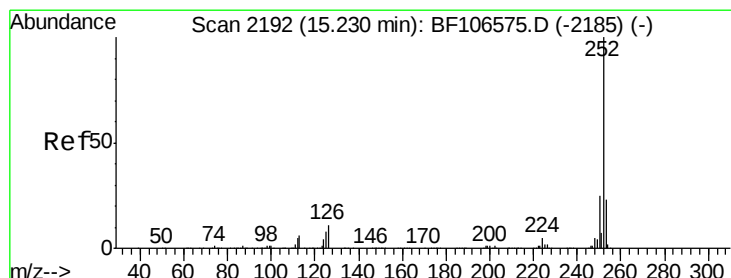
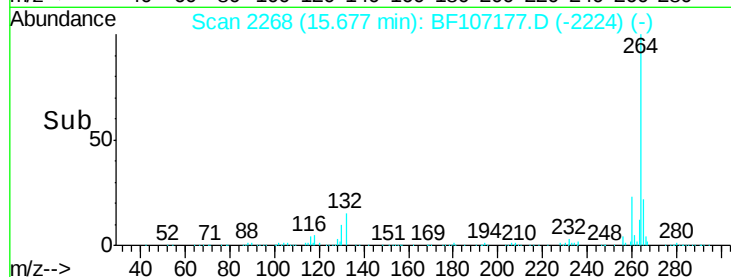
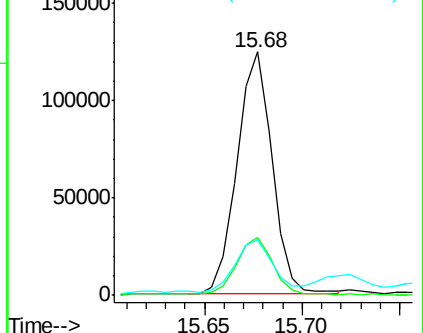
265 22.7 17.5 26.3



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: 71.218 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

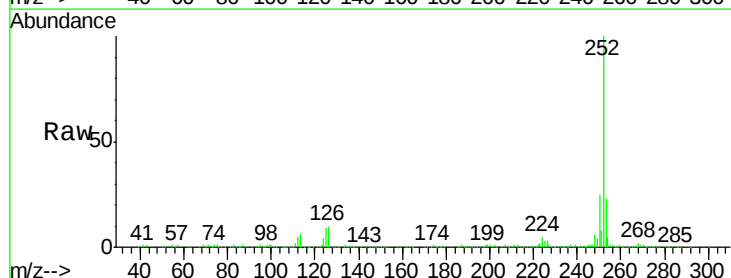
Tgt Ion:252 Resp: 683746

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

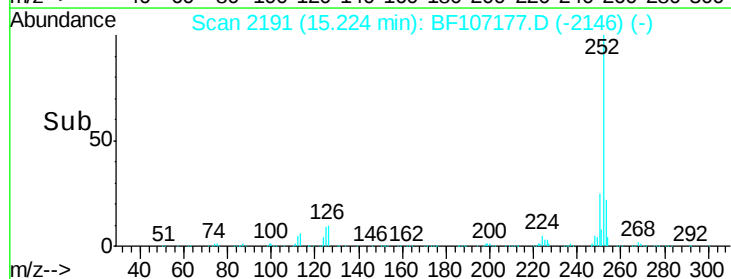
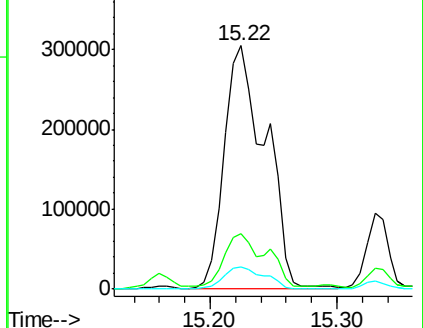
125 9.1 9.0 13.6

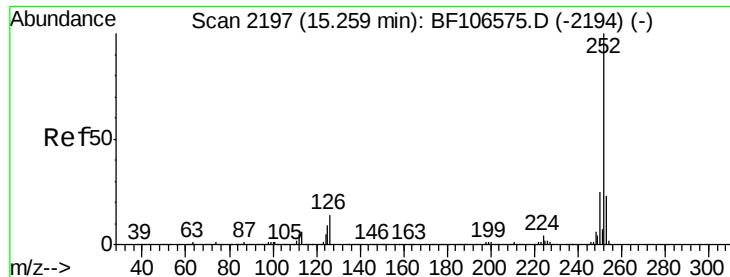


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 74.785 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.07 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

Instrument :

BNA_F

ClientSampleId :

EPE-108-6A(3-8)

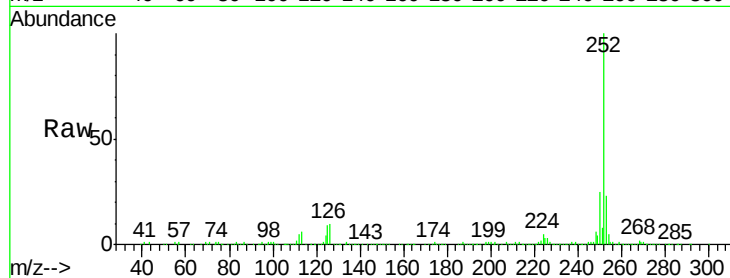
Tgt Ion:252 Resp: 683746

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

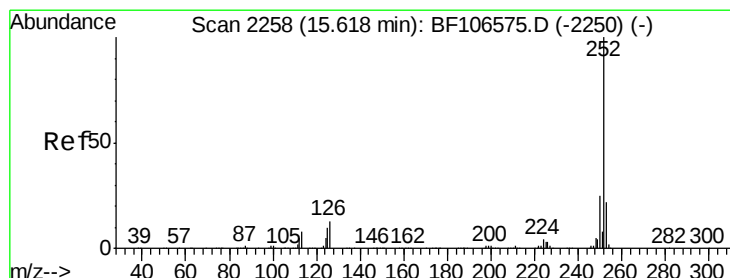
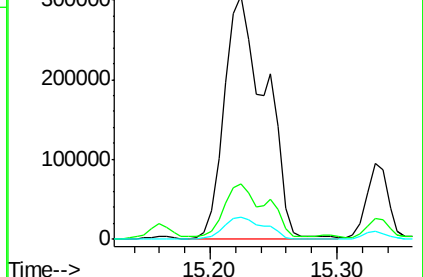
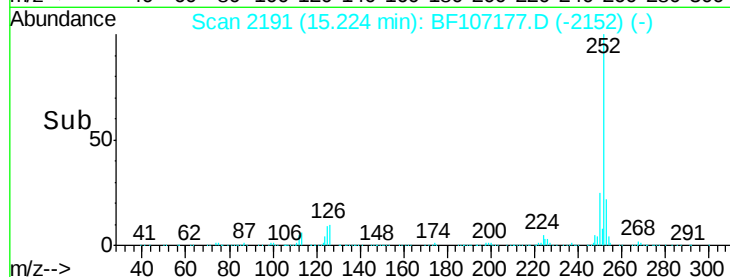
125 9.1 10.2 15.2#



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: 28.134 ng

RT: 15.54 min Scan# 2245

Delta R.T. -0.11 min

Lab File: BF107177.D

Acq: 6 Jul 2018 17:14

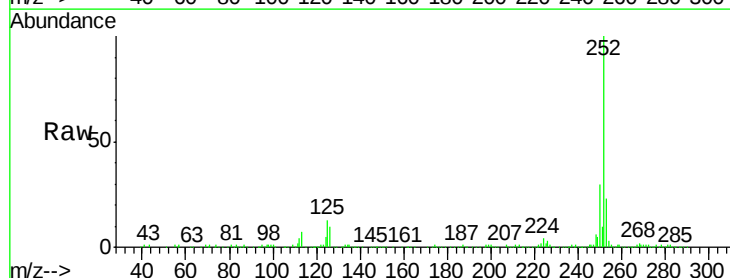
Tgt Ion:252 Resp: 240118

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

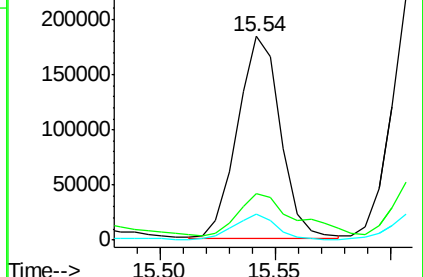
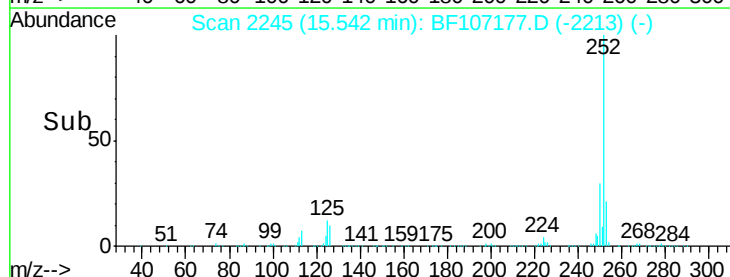
125 12.6 9.8 14.6

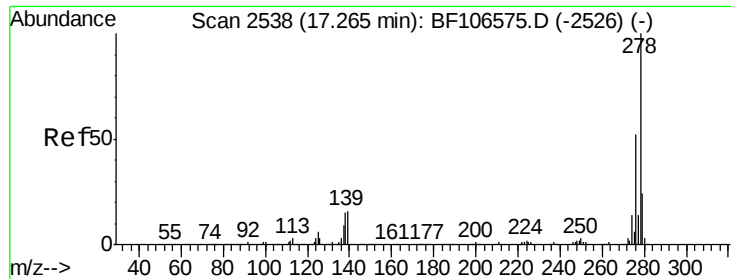


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

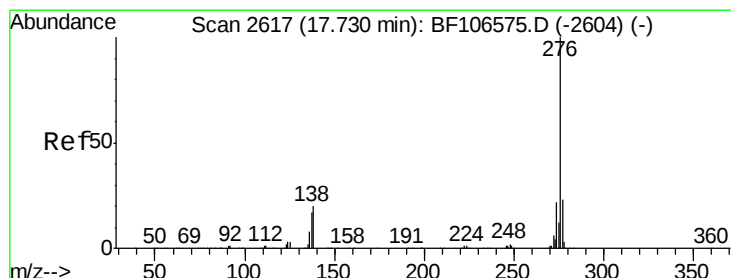
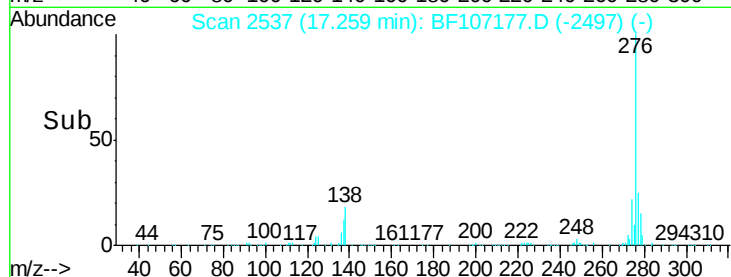
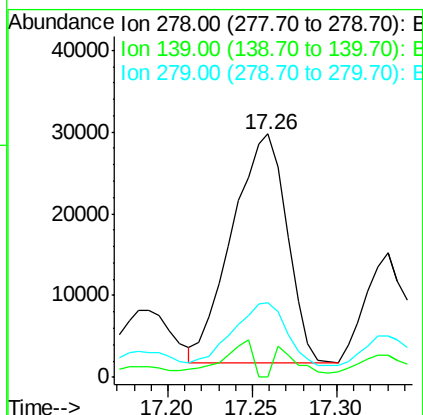
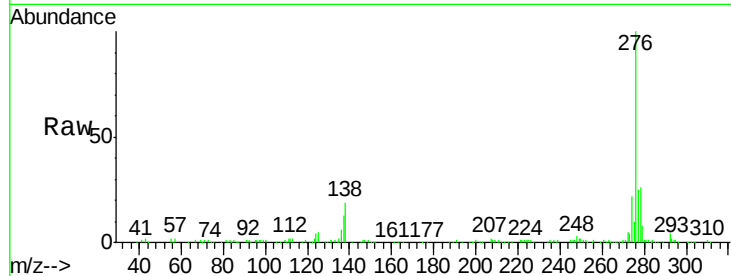




#90
Dibenzo(a,h)anthracene
Concen: 8.688 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.06 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Instrument :
BNA_F
ClientSampleId :
EPE-108-6A(3-8)

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	30.5	19.0	28.4#



#91
Benzo(g,h,i)perylene
Concen: 26.828 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.05 min
Lab File: BF107177.D
Acq: 6 Jul 2018 17:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	20.1	21.8	32.8#

