

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098080.D
 Acq On : 28 Aug 2017 21:47
 Operator : SJ/JU
 Sample : I4972-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

Quant Time: Aug 29 12:26:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	89299m	20.00	ng	0.00
21) Naphthalene-d8	8.45	136	31970m	20.00	ng	0.41
38) Acenaphthene-d10	9.79	164	156233m	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	274665m	20.00	ng	0.00
75) Chrysene-d12	13.91	240	217485m	20.00	ng	0.01
86) Perylene-d12	15.33	264	235914m	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	750380	127.82	ng	0.00
7) Phenol-d6	6.37	99	1273521	159.65	ng	-0.01
23) Nitrobenzene-d5	7.32	82	146923m	249.66	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	176581m	130.26	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	917640	86.29	ng	0.04
78) Terphenyl-d14	12.86	244	610137m	58.50	ng	0.00

Target Compounds

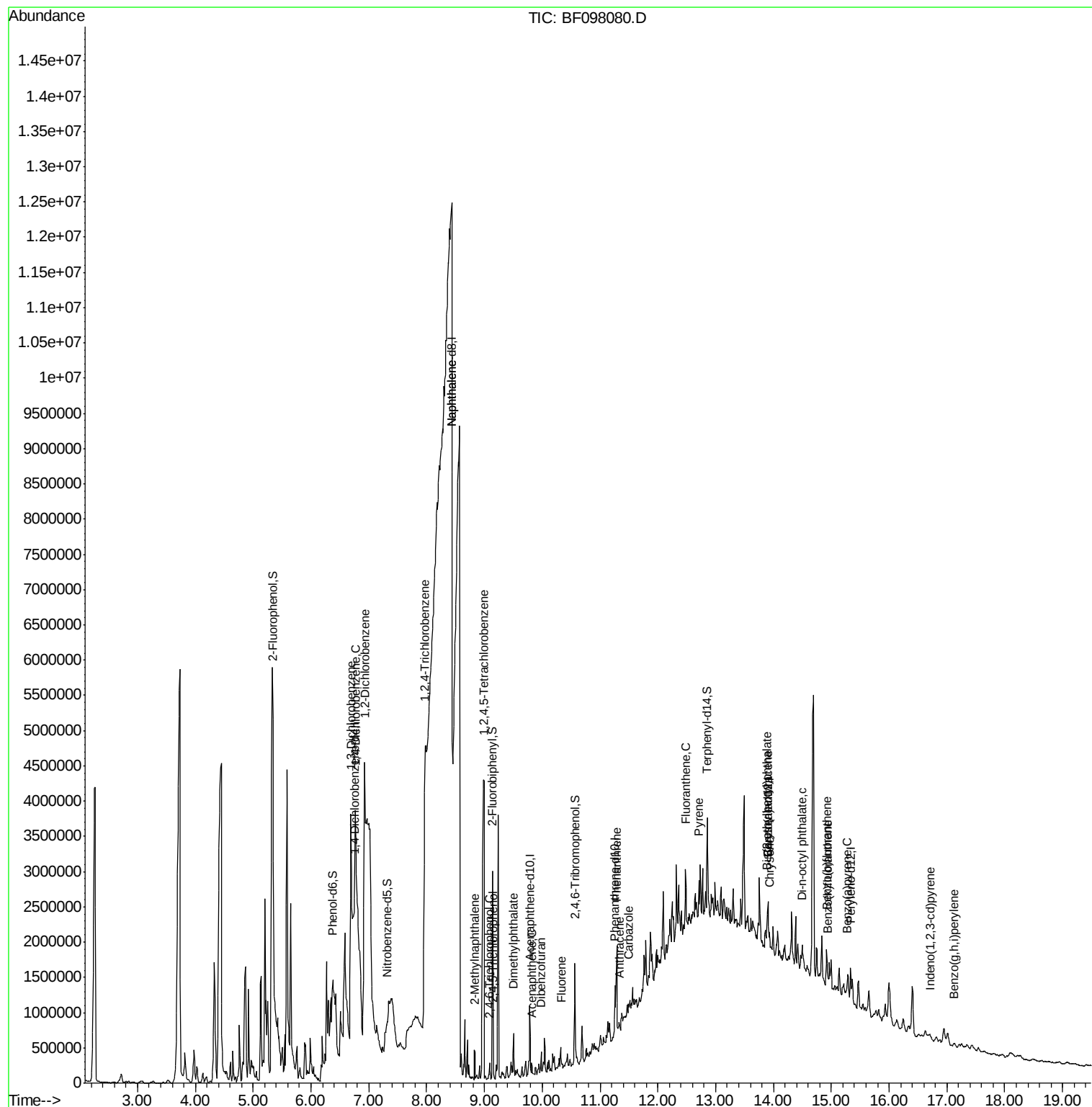
						Qvalue
12) 1,3-Dichlorobenzene	6.69	146	2494195m	374.519	ng	
13) 1,4-Dichlorobenzene	6.77	146	4009765m	591.999	ng	
14) 1,2-Dichlorobenzene	6.93	146	6538680m	1046.962	ng	
30) 1,2,4-Trichlorobenzene	7.97	180	2824929m	6015.187	ng	
31) Naphthalene	8.45	128	194162	116.985	ng	99
37) 2-Methylnaphthalene	8.83	142	99309	97.595	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	1693006m	353.097	ng	
42) 2,4,6-Trichlorophenol	9.09	196	23805m	7.395	ng	
43) 2,4,5-Trichlorophenol	9.16	196	9430m	2.953	ng	
49) Dimethylphthalate	9.50	163	145517m	12.742	ng	
51) Acenaphthene	9.82	154	27228m	2.612	ng	
54) Dibenzofuran	9.98	168	45501m	3.256	ng	
57) Fluorene	10.32	166	64923m	6.010	ng	
70) Phenanthrene	11.29	178	512244m	34.999	ng	
71) Anthracene	11.33	178	68468m	4.612	ng	
72) Carbazole	11.49	167	30102m	2.136	ng	
74) Fluoranthene	12.48	202	398691m	26.098	ng	
77) Pyrene	12.71	202	315096m	17.714	ng	
80) Benzo(a)anthracene	13.90	228	94532m	7.252	ng	
82) Chrysene	13.93	228	132076m	10.186	ng	
83) Bis(2-ethylhexyl)phthalate	13.89	149	156087m	20.654	ng	
84) Di-n-octyl phthalate	14.50	149	197794m	15.042	ng	
85) Indeno(1,2,3-cd)pyrene	16.71	276	42624m	4.469	ng	
87) Benzo(b)fluoranthene	14.93	252	106597m	7.168	ng	
88) Benzo(k)fluoranthene	14.94	252	41544m	2.974	ng	
89) Benzo(a)pyrene	15.27	252	73102m	5.553	ng	
91) Benzo(g,h,i)perylene	17.13	276	43723m	3.910	ng	

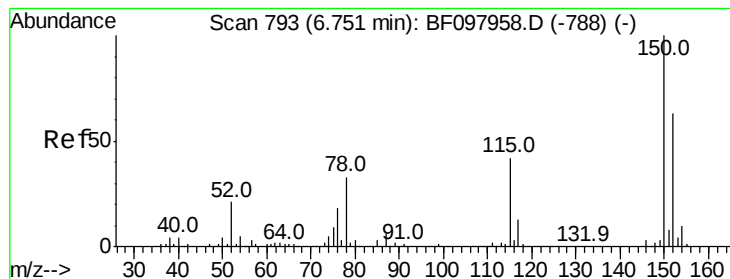
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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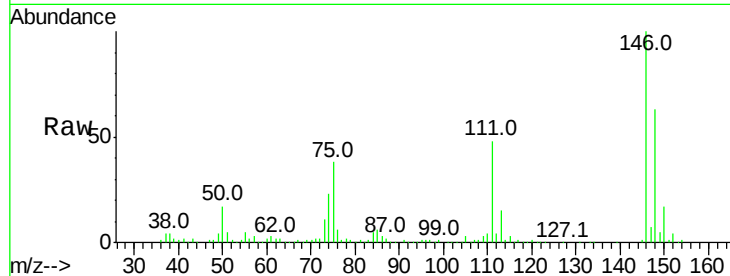


#1

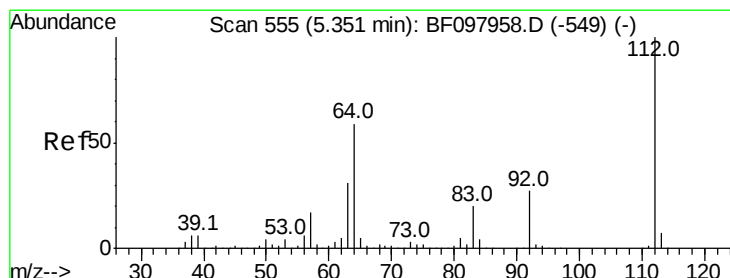
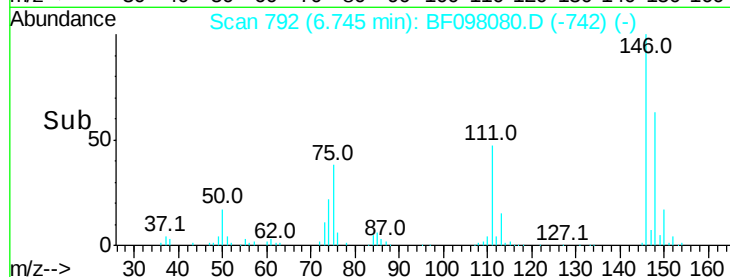
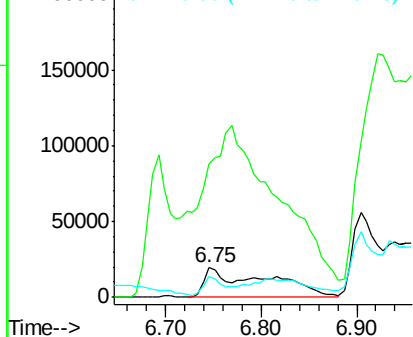
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

Instrument :
BNA_F
ClientSampleId :
5-POST1

Tot Ion:152 Resp: 89299
Ion Ratio Lower Upper
152 100
150 450.0 126.2 189.2#
115 68.5 52.2 78.2



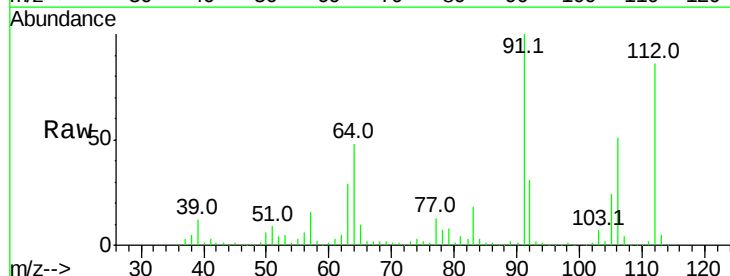
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



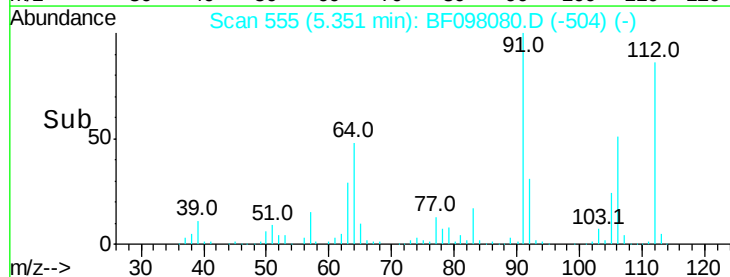
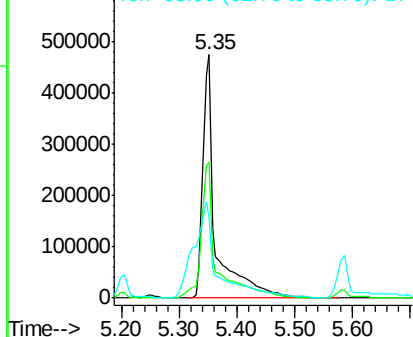
#5

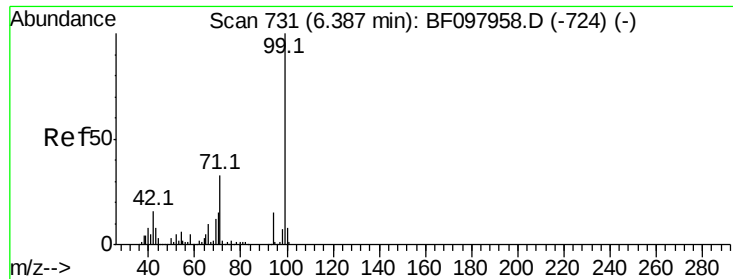
2-Fluorophenol
Concen: 127.816 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

Tgt Ion:112 Resp: 750380
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 33.1 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: 159.655 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

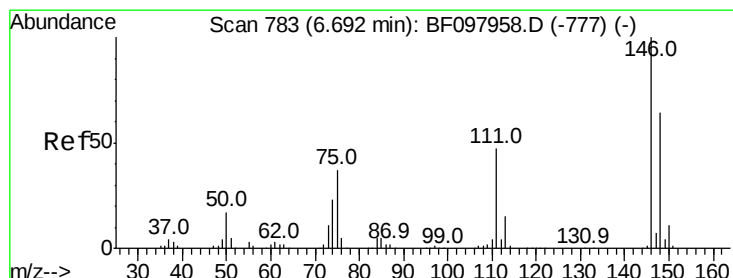
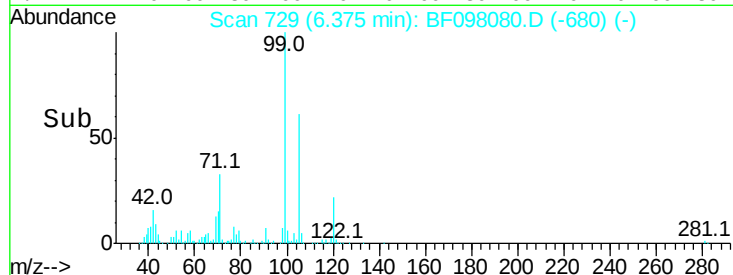
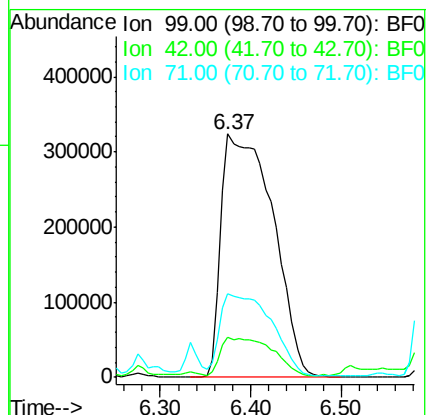
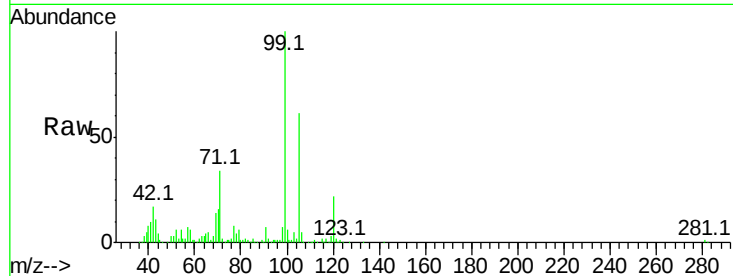
Tot Ion: 99 Resp: 1273521

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 34.4 24.5 36.7



#12

1,3-Dichlorobenzene

Concen: 374.519 ng m

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

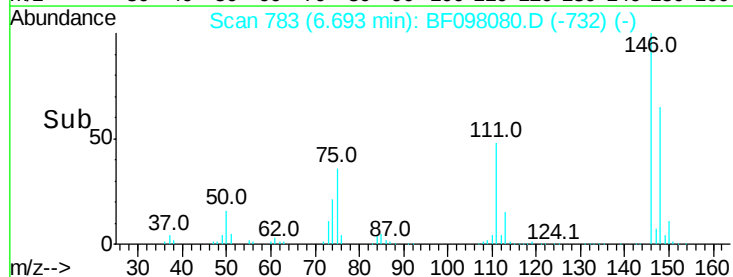
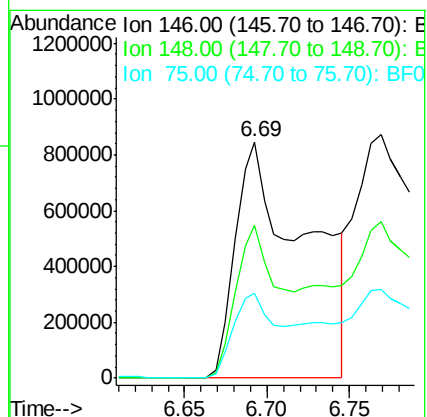
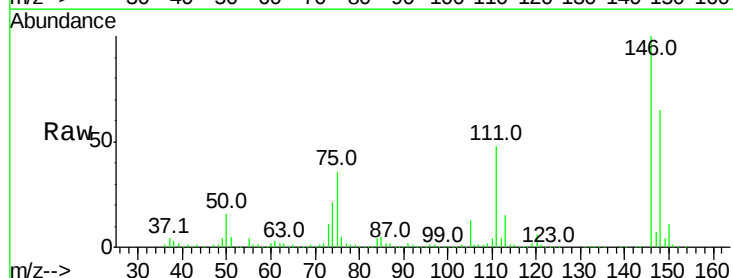
Tgt Ion: 146 Resp: 2494195

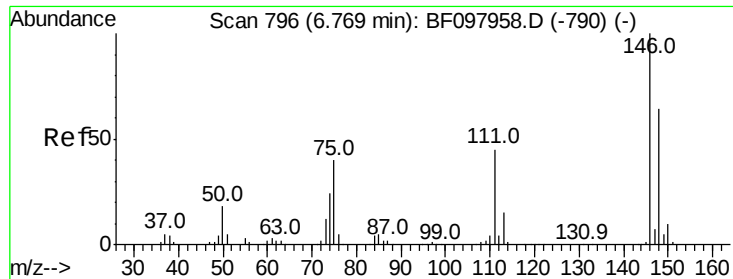
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

75 36.0 23.1 34.7#

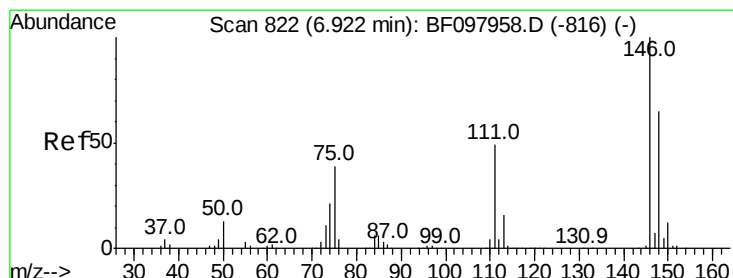
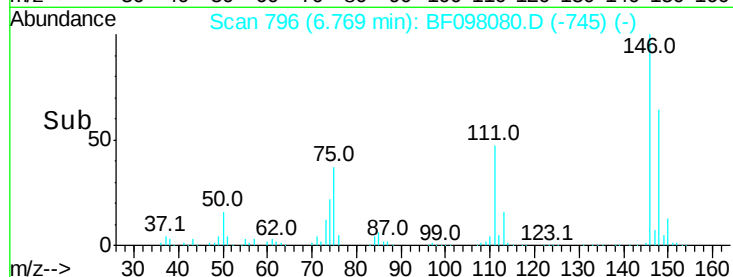
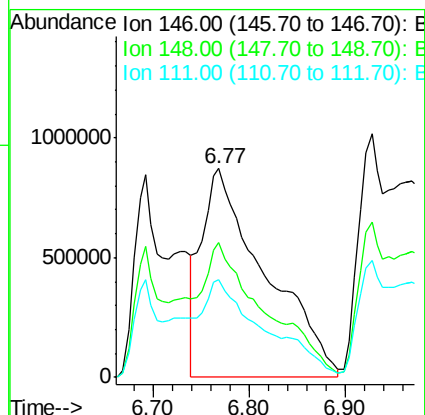
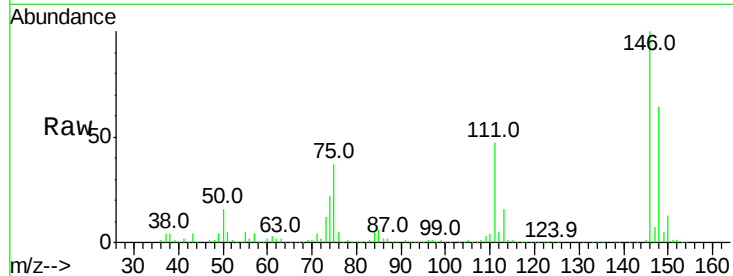




#13
 1,4-Dichlorobenzene
 Concen: 591.999 ng m
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

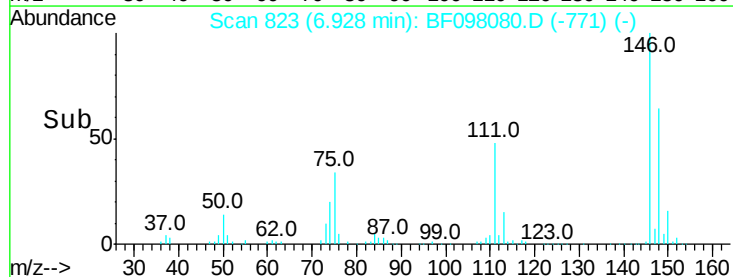
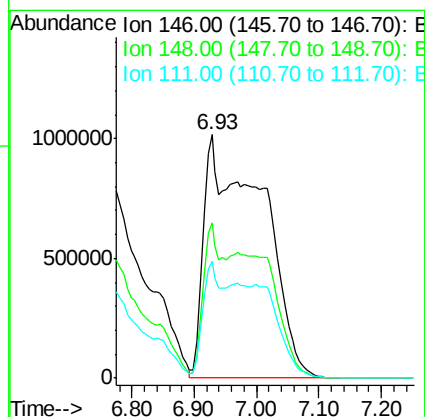
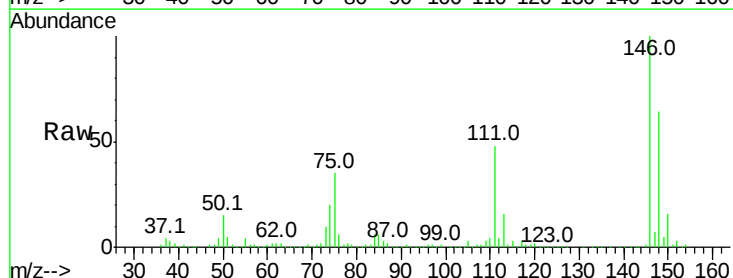
Instrument :
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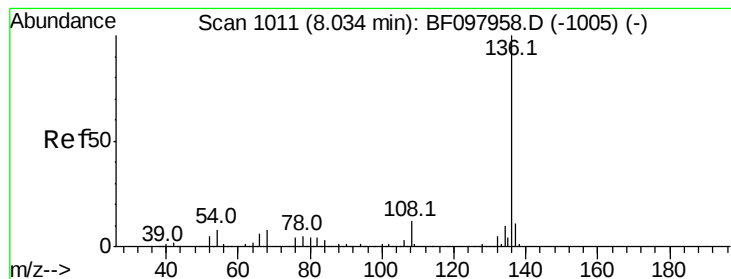
Tot Ion:146 Resp: 4009765
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 47.0 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 1046.962 ng m
 RT: 6.93 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:146 Resp: 6538680
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 47.9 38.2 57.4





#21

Naphthalene-d8

Concen: 20.000 ng m

RT: 8.45 min Scan# 1081

Delta R.T. 0.41 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

Tot Ion:136 Resp: 31970

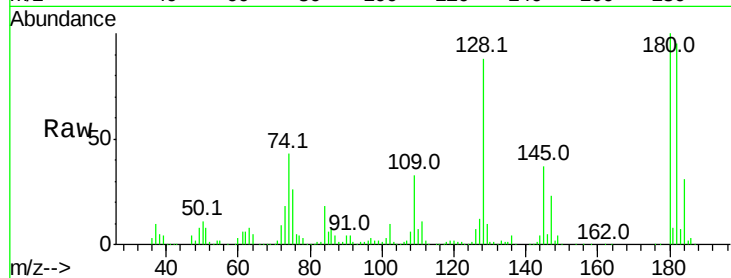
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 52.5 4.9 7.3#

68 2.1 4.1 6.1#

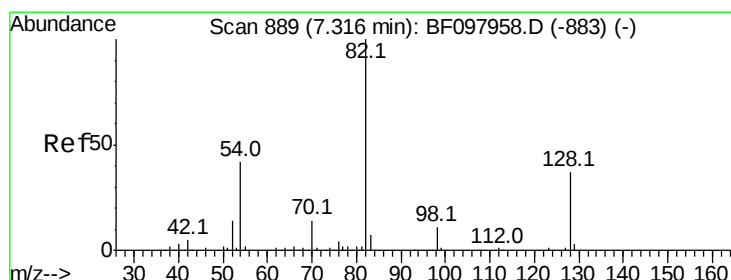
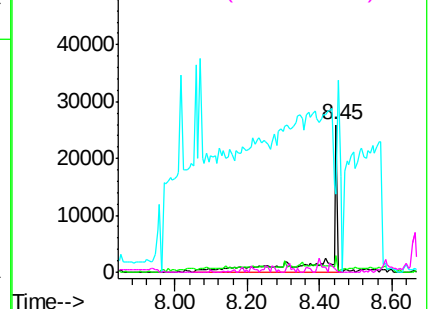
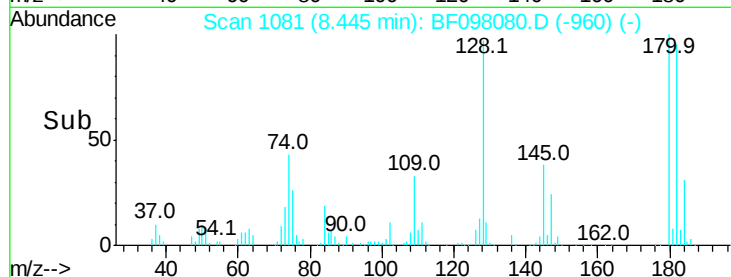


Abundance Ion 136.00 (135.70 to 136.70): E

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: 249.657 ng m

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

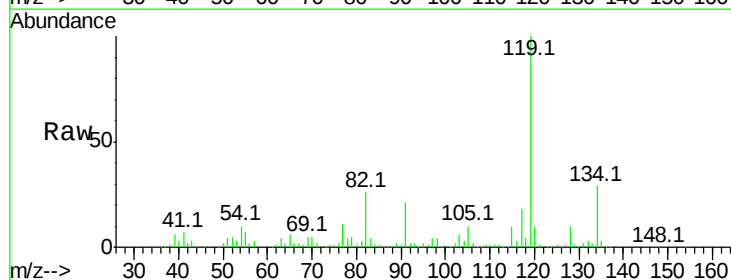
Tgt Ion: 82 Resp: 146923

Ion Ratio Lower Upper

82 100

128 38.1 34.0 51.0

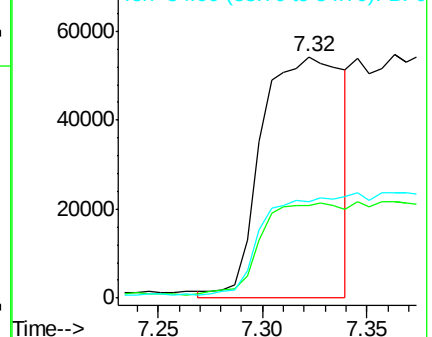
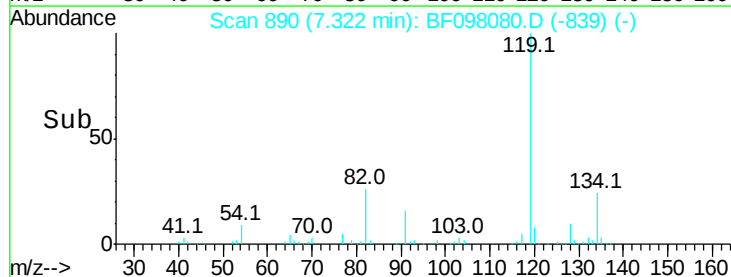
54 39.8 42.2 63.2#

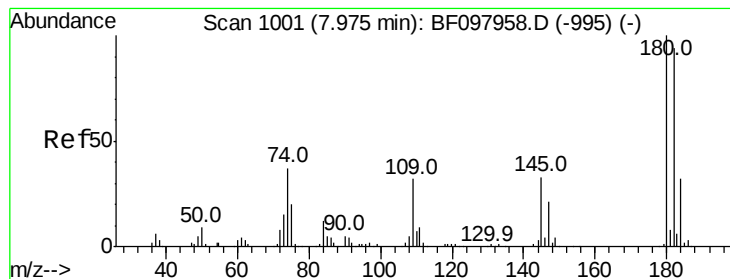


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#30

1,2,4-Trichlorobenzene

Concen: 6015.187 ng/mL

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098080.D

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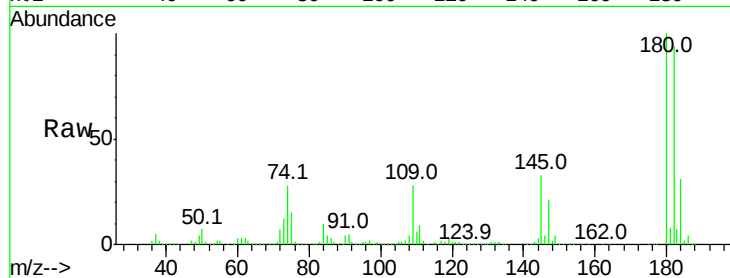
Tot Ion:180 Resp: 2824929

Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

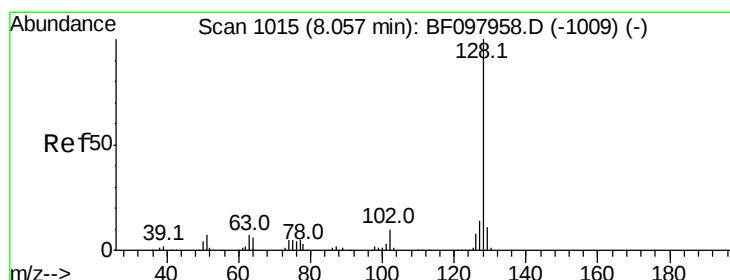
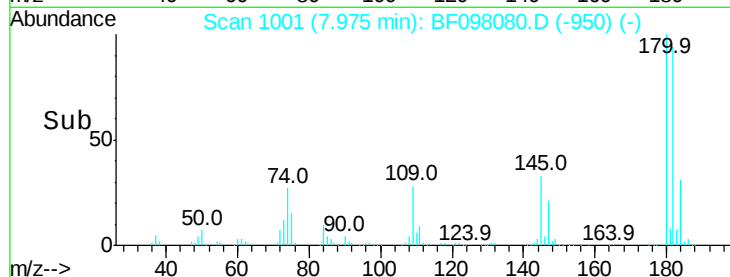
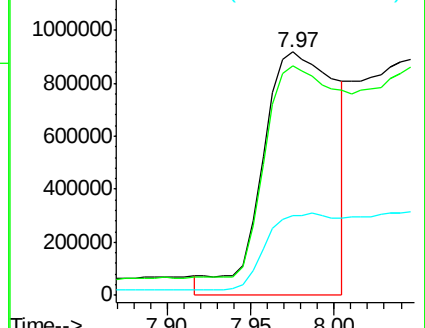
145 32.9 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 116.985 ng/mL

RT: 8.45 min Scan# 1081

Delta R.T. 0.39 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

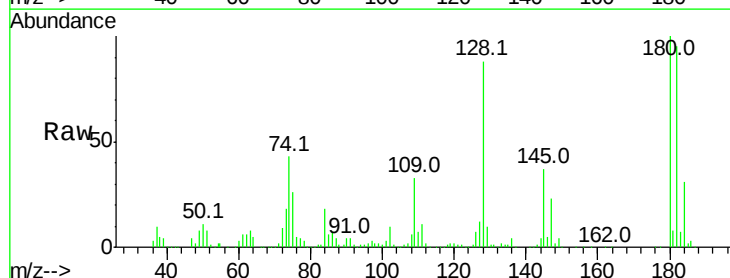
Tgt Ion:128 Resp: 194162

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

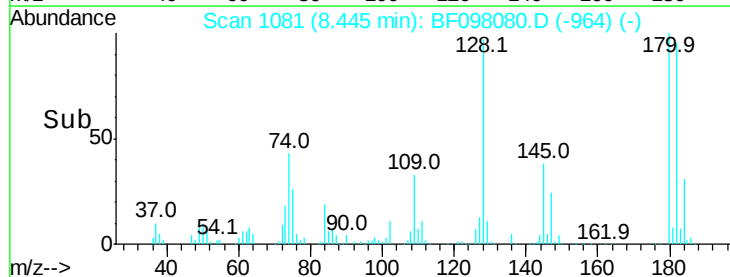
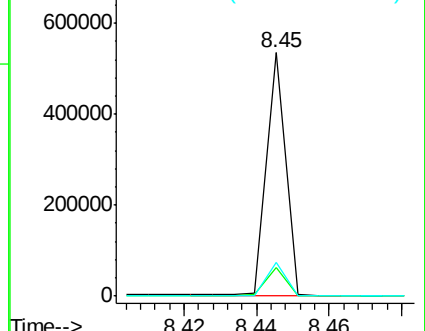
127 14.0 10.8 16.2

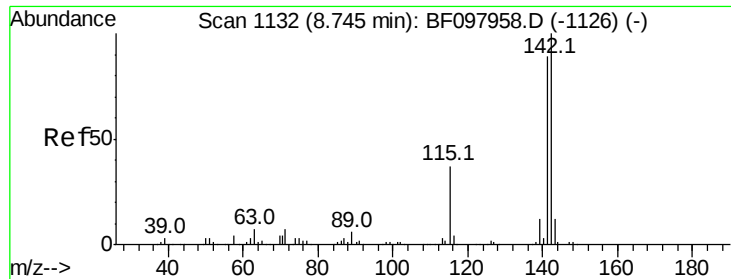


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 97.595 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.09 min

Lab File: BF098080.D

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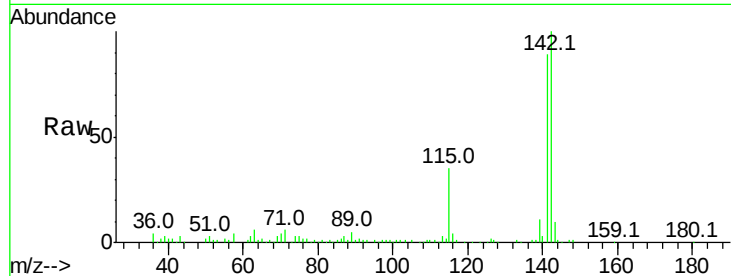
Tot Ion:142 Resp: 99309

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

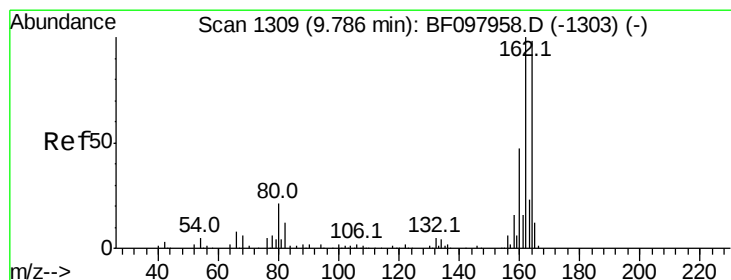
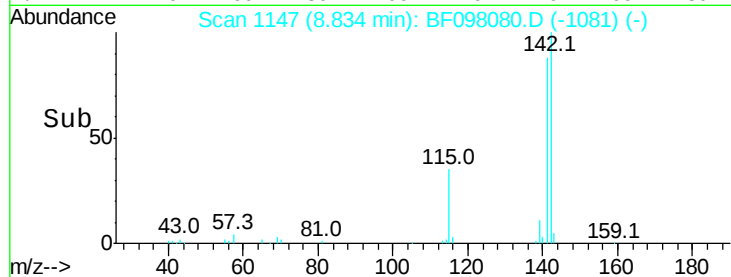
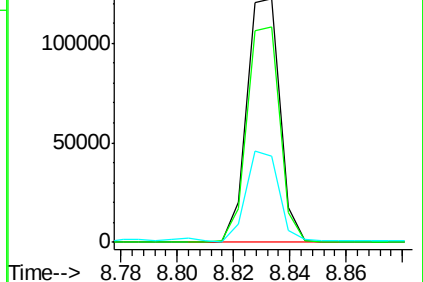
115 35.3 27.1 40.7



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 m

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

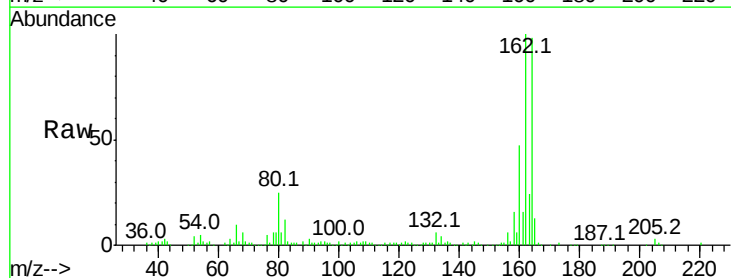
Tgt Ion:164 Resp: 156233

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

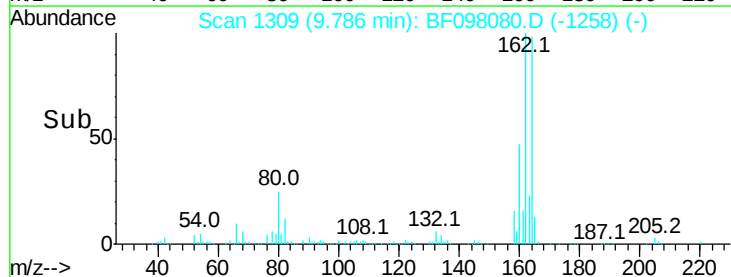
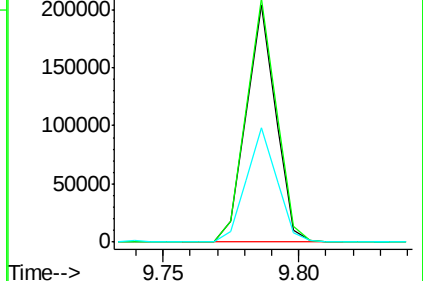
160 48.2 36.2 54.2

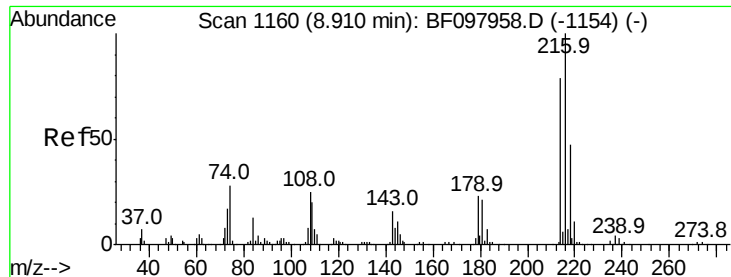


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 353.097 ng m

RT: 8.99 min Scan# 1173

Delta R.T. 0.08 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:216 Resp: 1693006

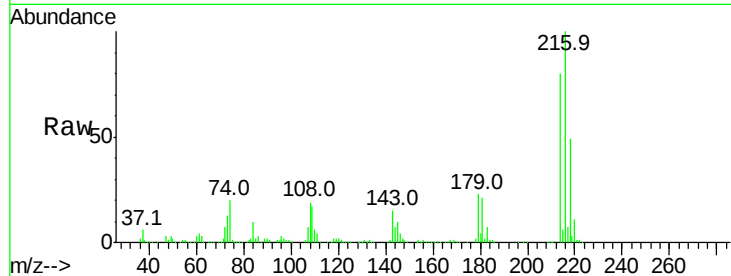
Ion Ratio Lower Upper

216 100

214 32.8 63.4 95.2#

179 9.4 17.9 26.9#

108 8.7 16.5 24.7#

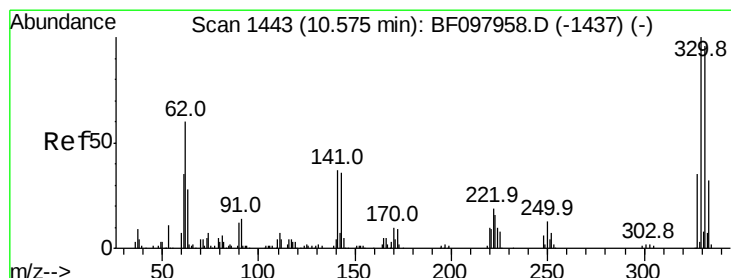
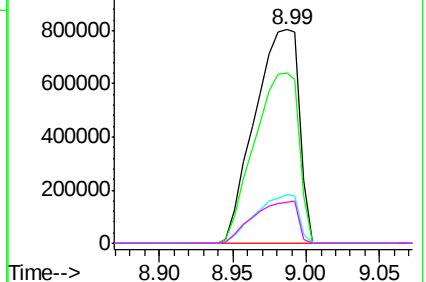
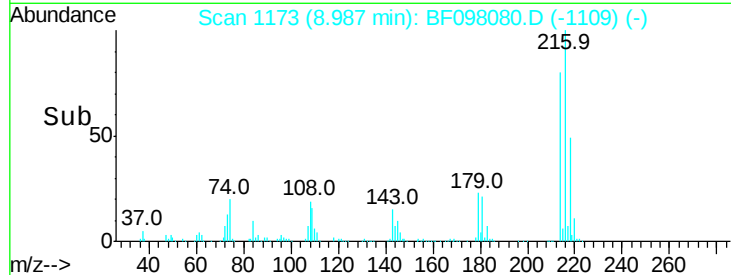


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 130.263 ng m

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

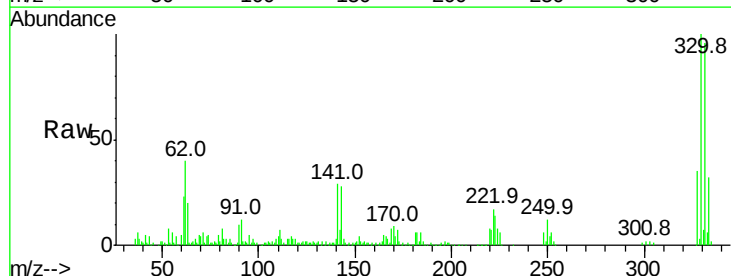
Tgt Ion:330 Resp: 176581

Ion Ratio Lower Upper

330 100

332 0.0 76.6 115.0#

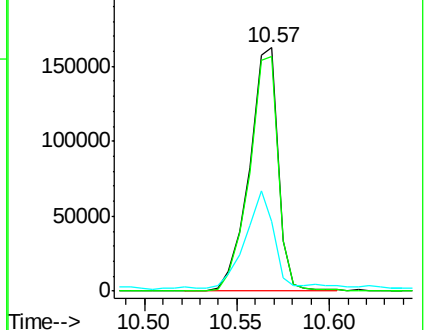
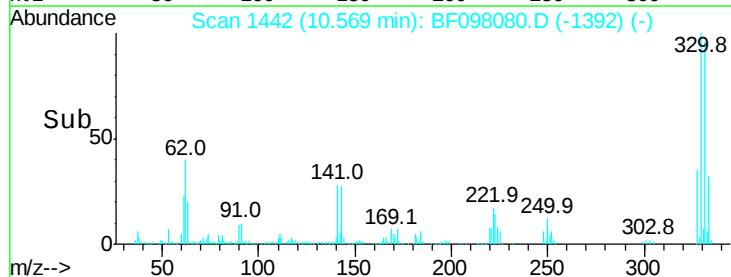
141 4.5 31.4 47.2#

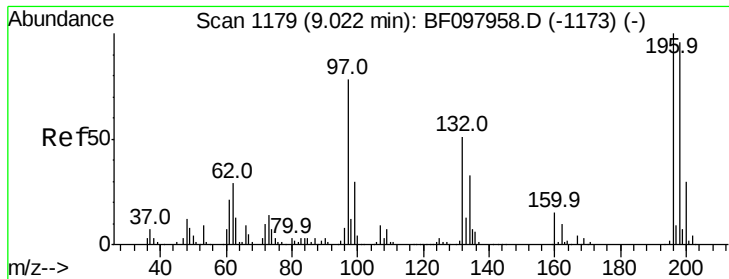


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

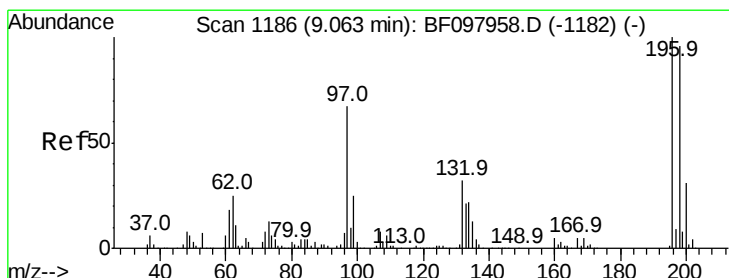
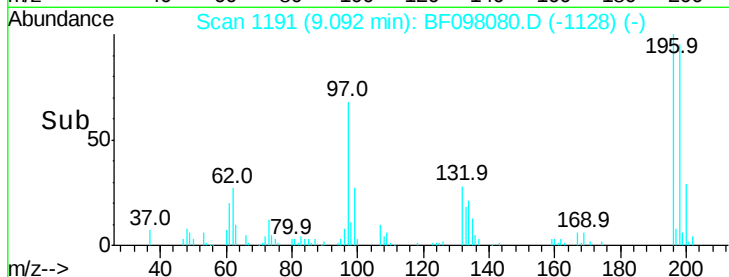
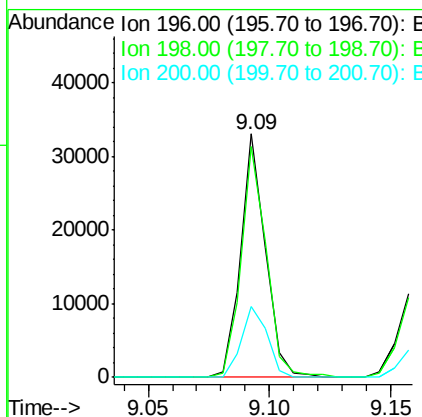
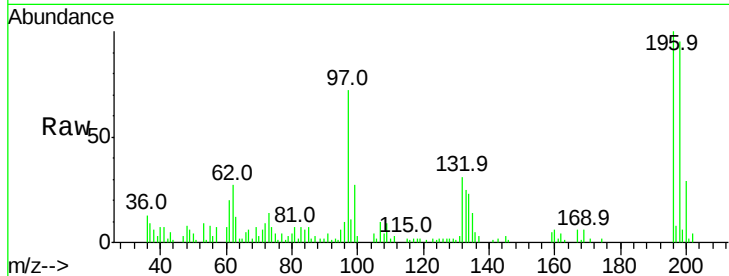




#42
 2,4,6-Trichlorophenol
 Concen: 7.395 ng m
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.07 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

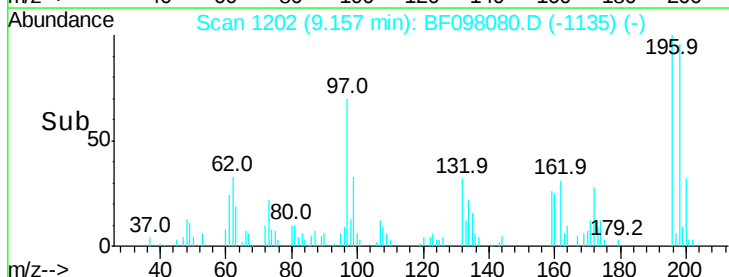
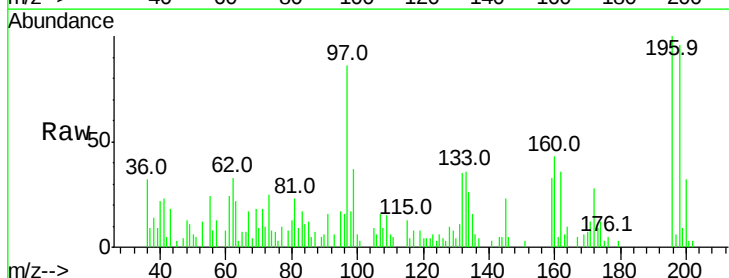
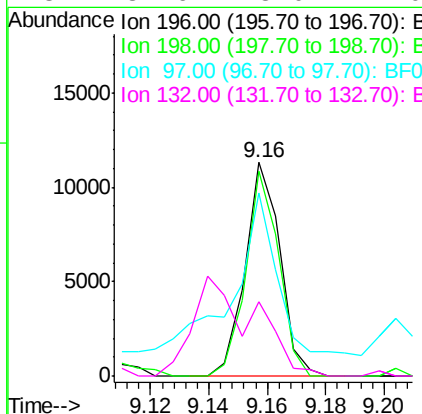
Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

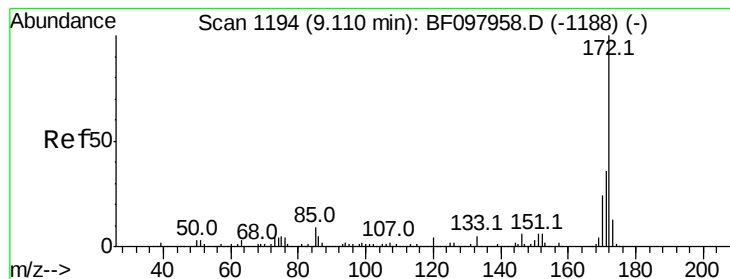
Tot Ion	196	Resp	23805
Ion Ratio	Lower	Upper	
196	100		
198	94.9	74.2	111.4
200	28.9	24.0	36.0



#43
 2,4,5-Trichlorophenol
 Concen: 2.953 ng m
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.09 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion	196	Resp	9430
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
97	85.6	47.7	71.5#
132	34.6	28.0	42.0

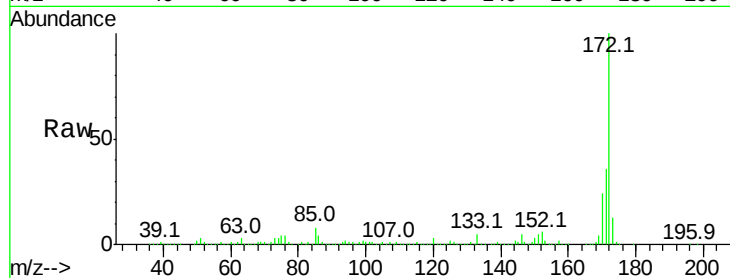




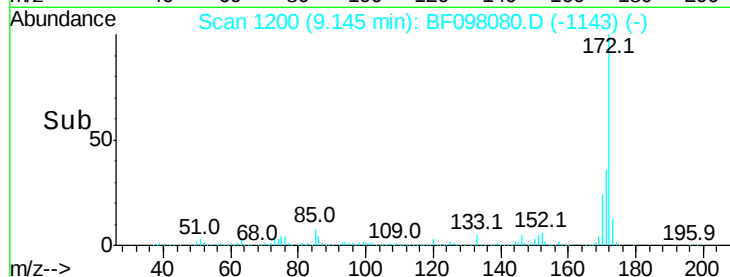
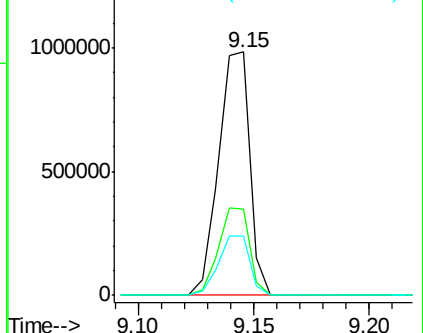
#44
 2-Fluorobiphenyl
 Concen: 86.294 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.04 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

Tot Ion:172 Resp: 917640
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.3 19.8 29.8

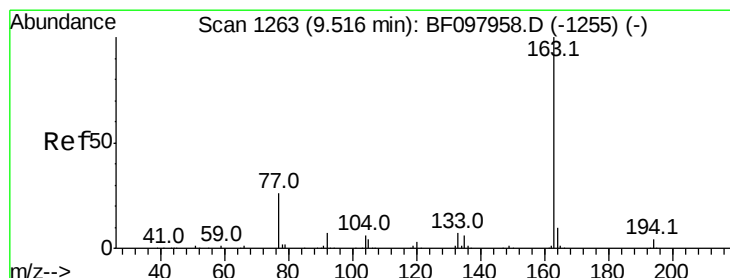


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

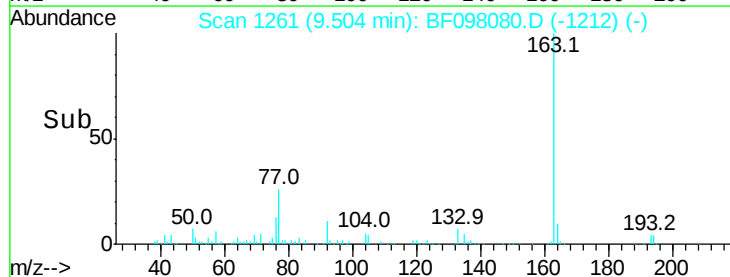
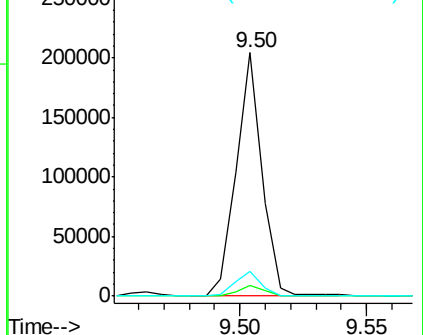


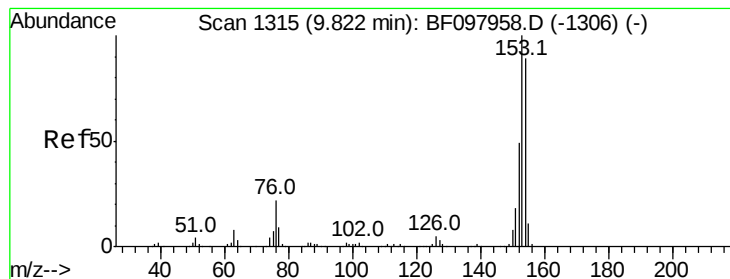
#49
 Dimethylphthalate
 Concen: 12.742 ng m
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:163 Resp: 145517
 Ion Ratio Lower Upper
 163 100
 194 4.3 2.6 4.0#
 164 10.1 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: 2.612 ng m

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

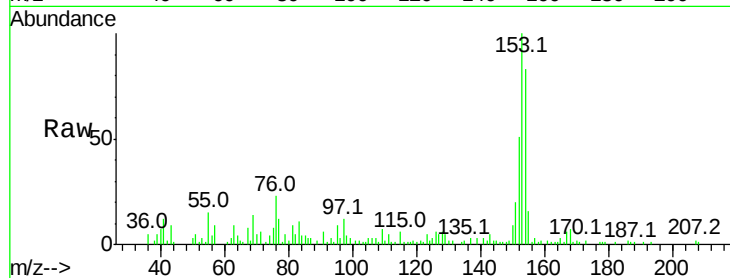
Tot Ion:154 Resp: 27228

Ion Ratio Lower Upper

154 100

153 120.3 90.5 135.7

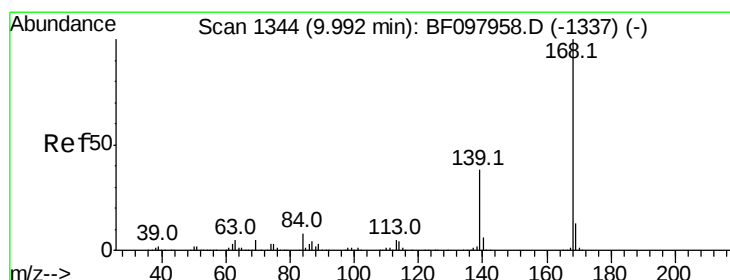
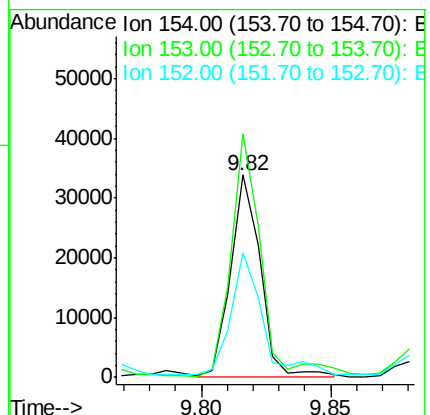
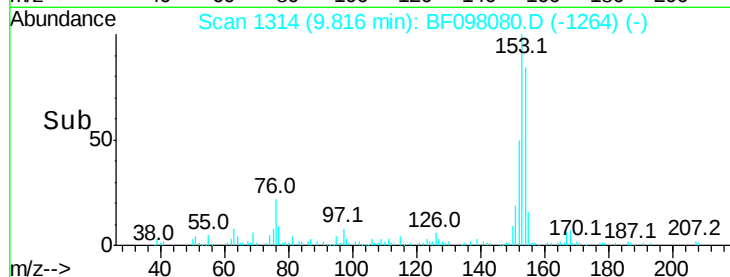
152 61.6 43.6 65.4



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



#54

Dibenzofuran

Concen: 3.256 ng m

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

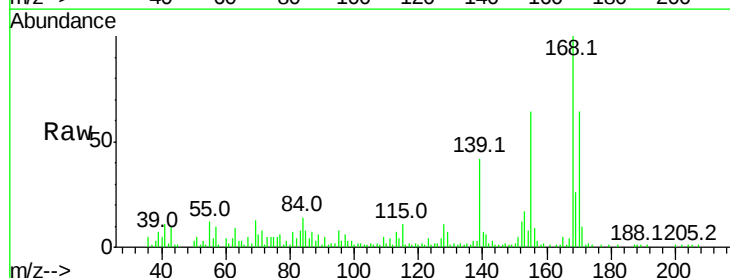
Tgt Ion:168 Resp: 45501

Ion Ratio Lower Upper

168 100

139 41.8 30.6 45.8

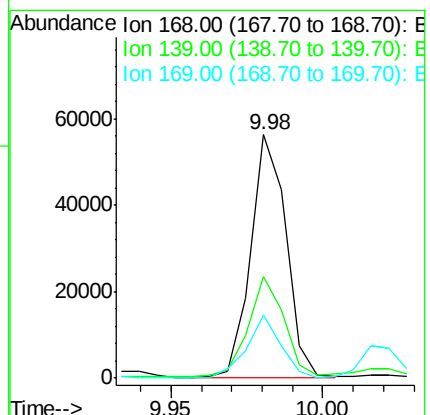
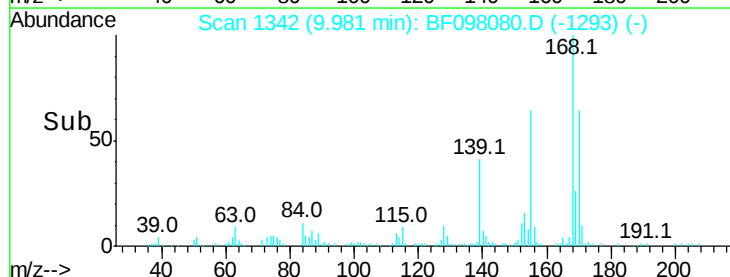
169 25.8 10.8 16.2#

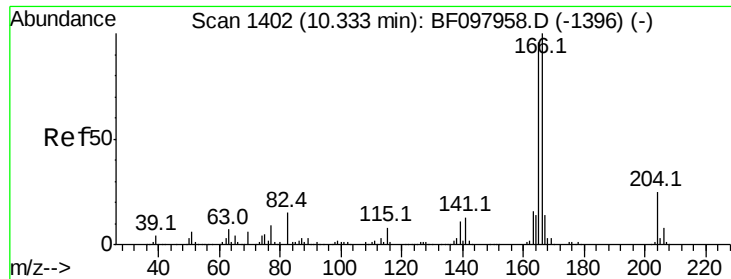


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 6.010 ng m

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

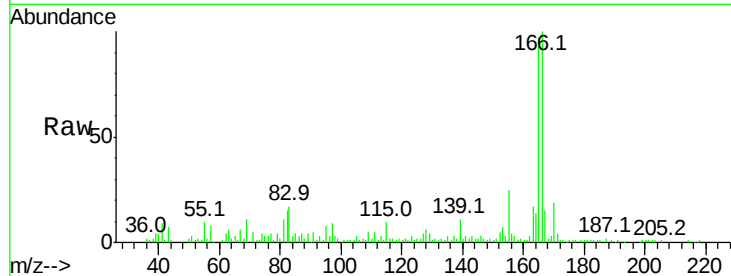
Tot Ion:166 Resp: 64923

Ion Ratio Lower Upper

166 100

165 97.4 78.8 118.2

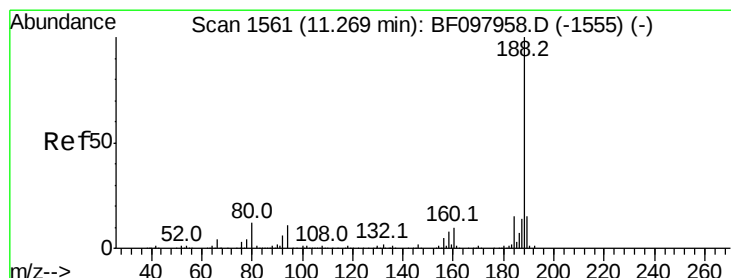
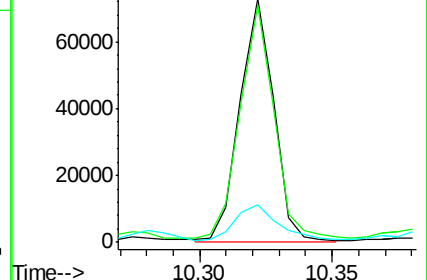
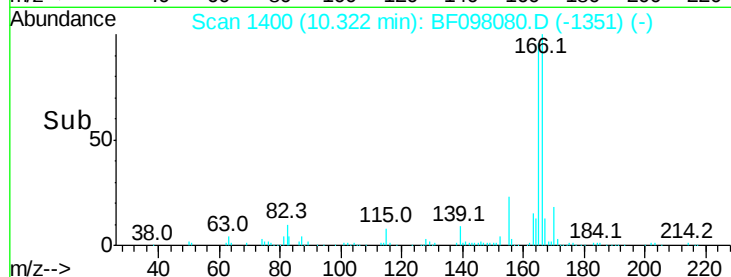
167 15.3 10.6 16.0



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 m

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

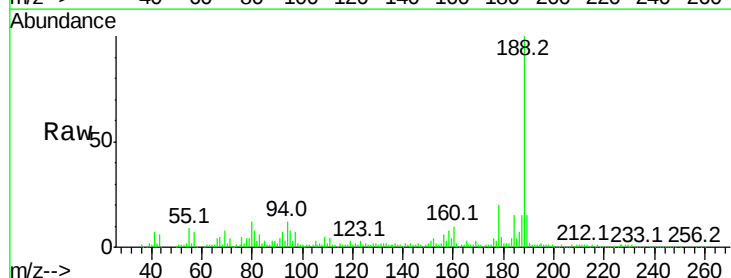
Tgt Ion:188 Resp: 274665

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

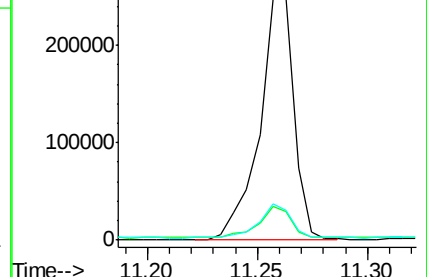
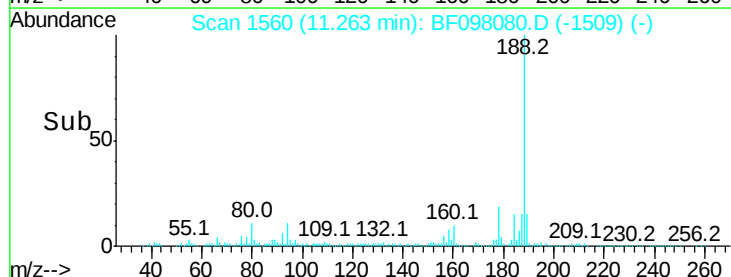
80 12.2 10.2 15.2

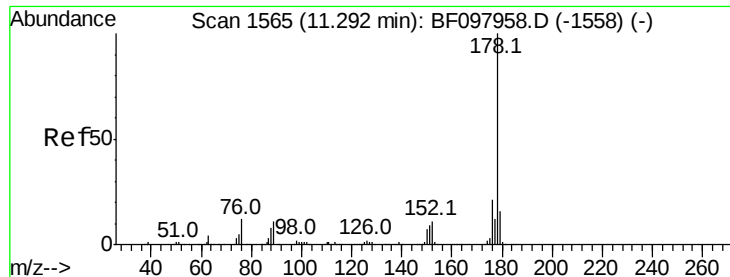


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 34.999 ng m

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

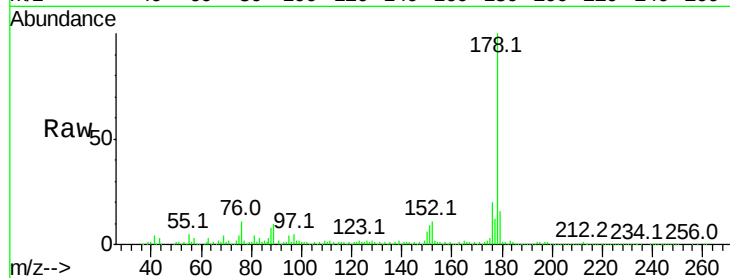
Tot Ion:178 Resp: 512244

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

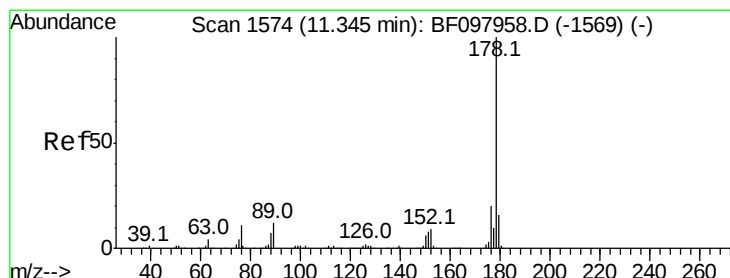
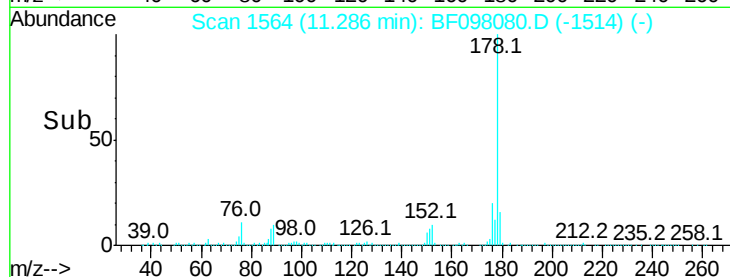
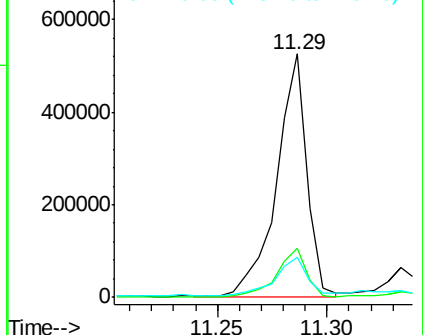
179 16.3 12.6 19.0



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: 4.612 ng m

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

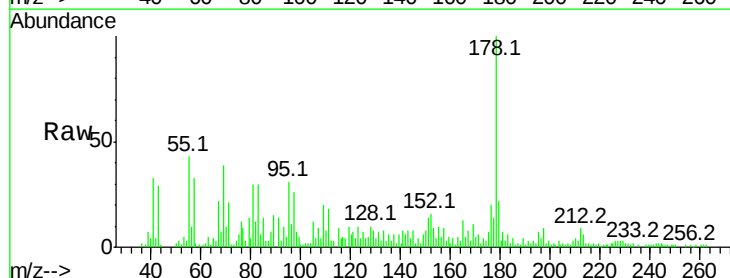
Tgt Ion:178 Resp: 68468

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

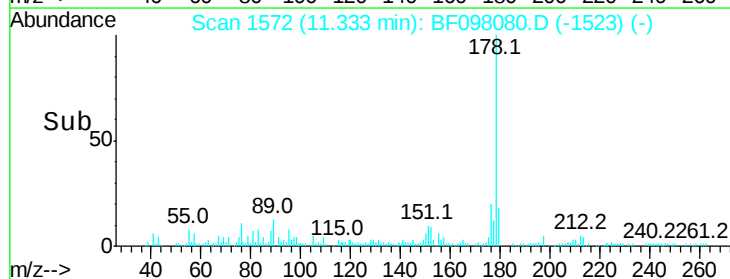
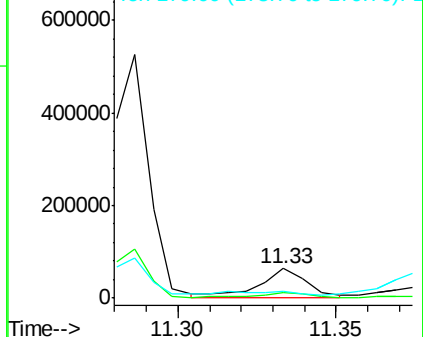
179 21.7 12.7 19.1#

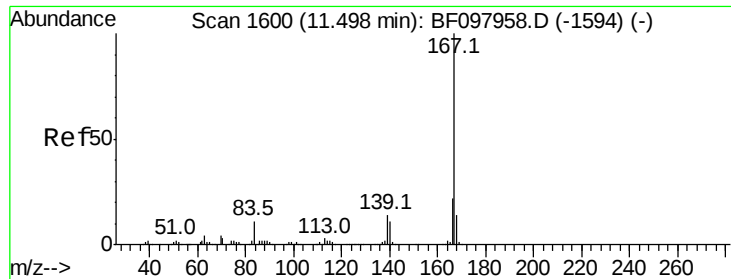


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.136 ng/mL

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

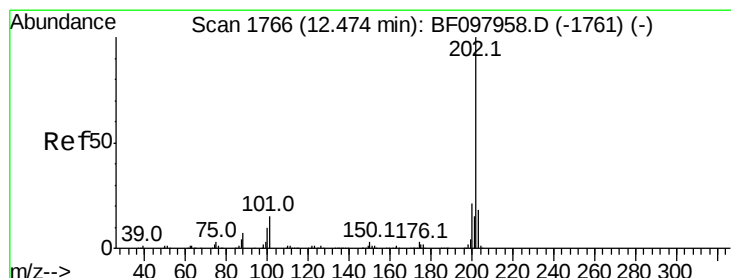
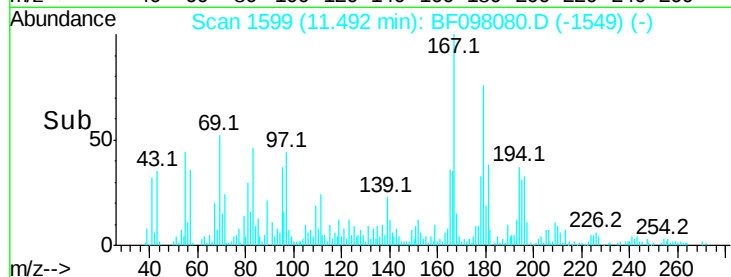
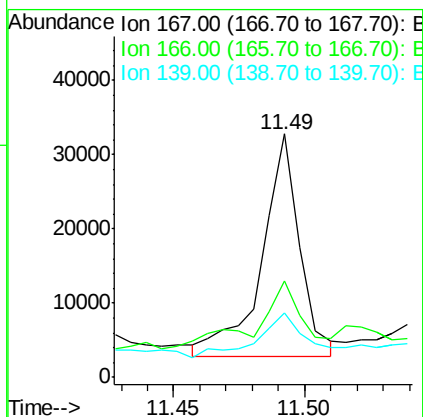
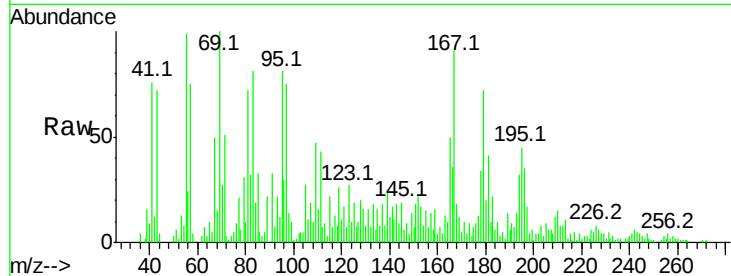
Tot Ion:167 Resp: 30102

Ion Ratio Lower Upper

167 100

166 39.6 18.1 27.1#

139 26.6 11.7 17.5#



#74

Fluoranthene

Concen: 26.098 ng/mL

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

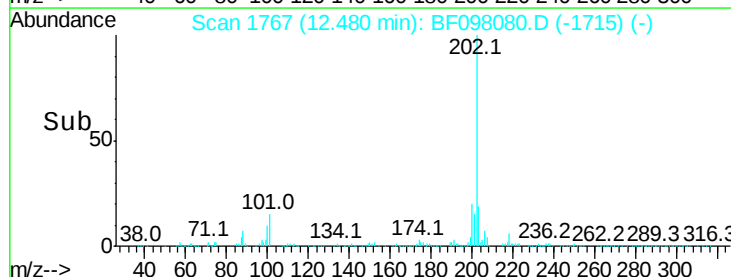
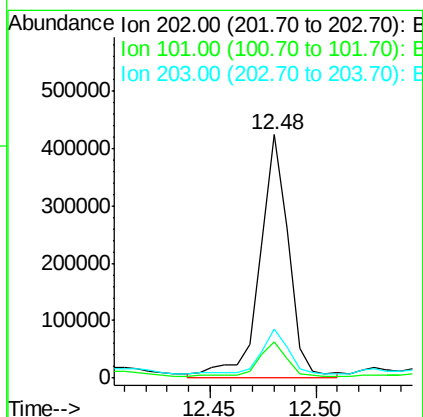
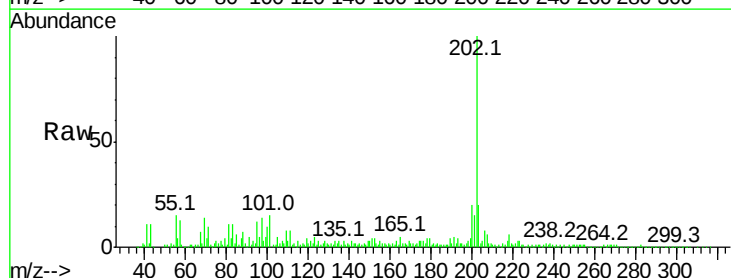
Tgt Ion:202 Resp: 398691

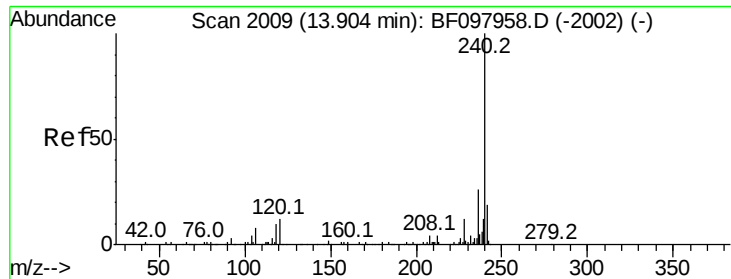
Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

203 19.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng m

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

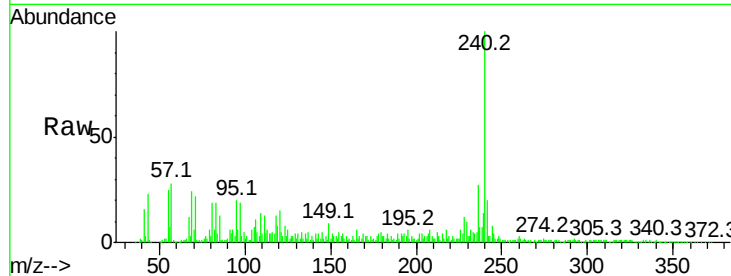
Tot Ion:240 Resp: 217485

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

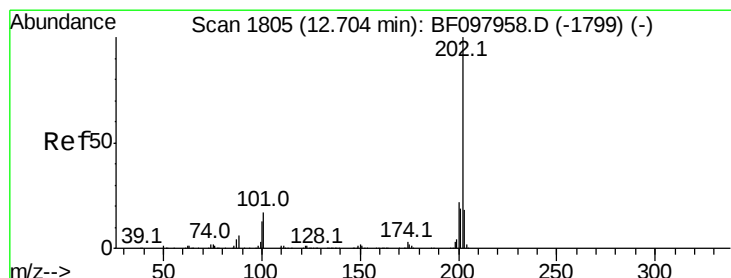
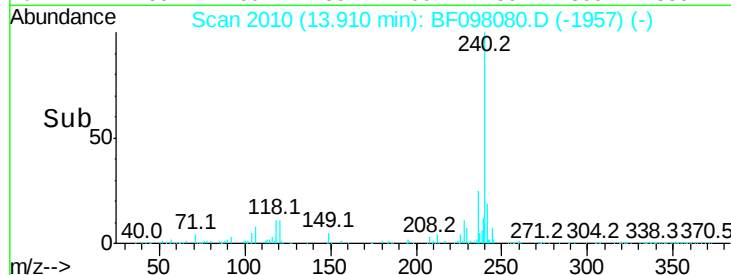
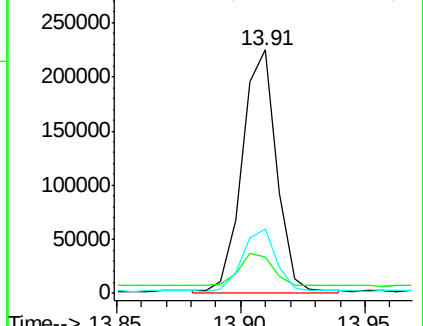
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 17.714 ng m

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

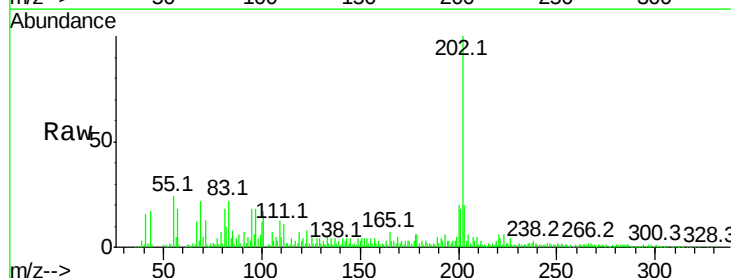
Tgt Ion:202 Resp: 315096

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

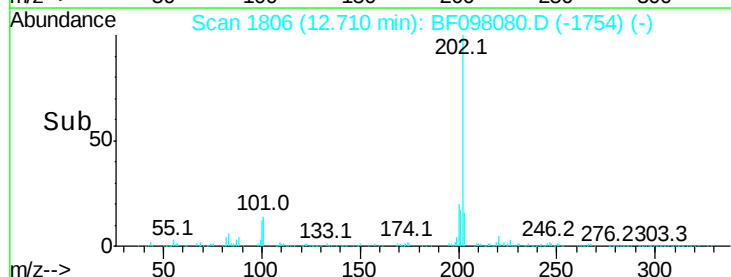
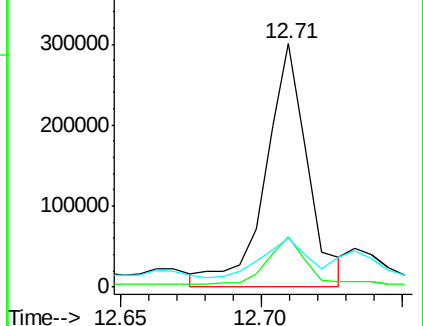
203 19.9 14.4 21.6

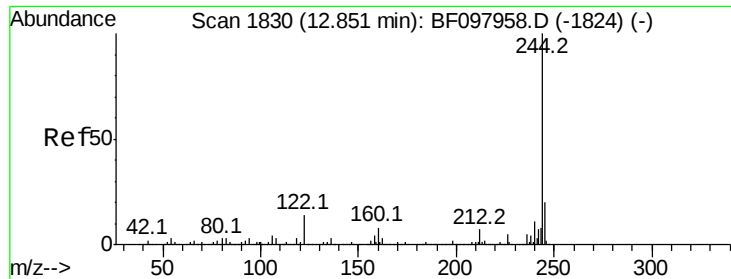


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 58.502 ng m

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

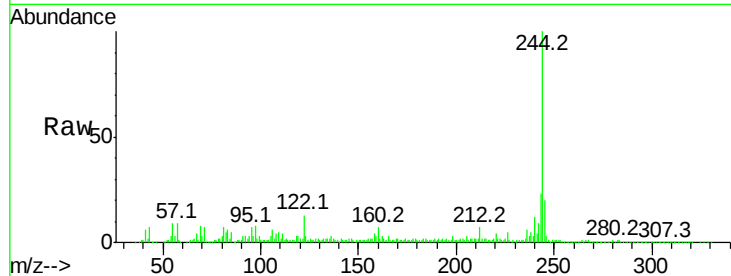
Tot Ion:244 Resp: 610137

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 13.2 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

800000

600000

400000

200000

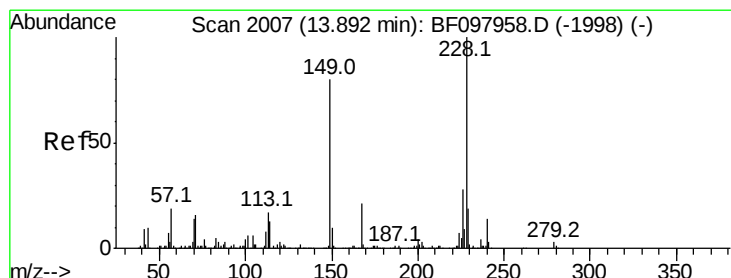
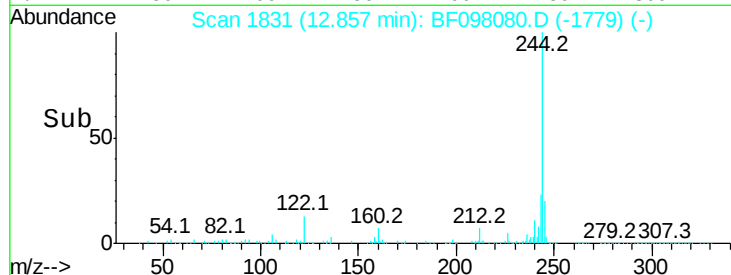
0

12.86

12.85

12.90

Time-->



#80

Benzo(a)anthracene

Concen: 7.252 ng m

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

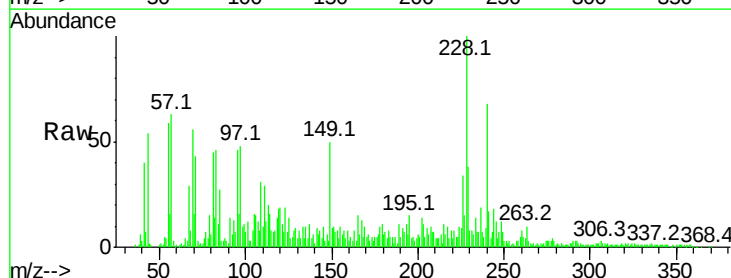
Tgt Ion:228 Resp: 94532

Ion Ratio Lower Upper

228 100

226 34.3 22.6 33.8#

229 37.7 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

150000

100000

50000

0

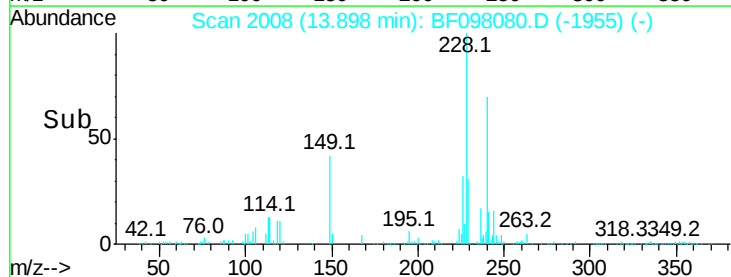
13.90

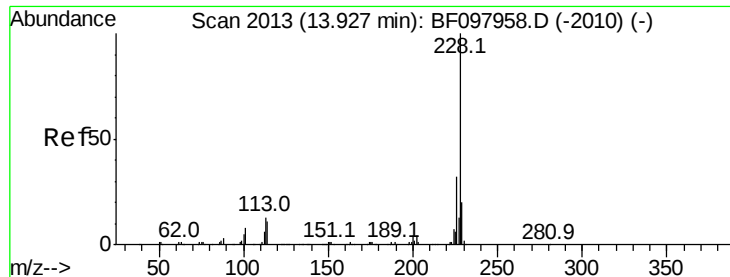
13.85

13.90

13.95

Time-->





#82

Chrysene

Concen: 10.186 ng m

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampled :

5-POST1

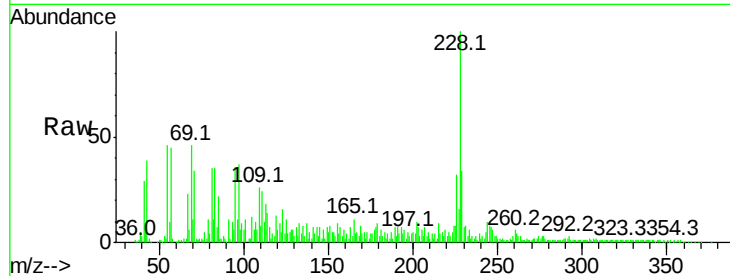
Tot Ion:228 Resp: 132076

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

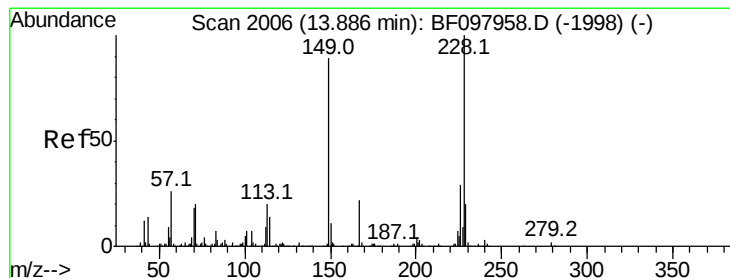
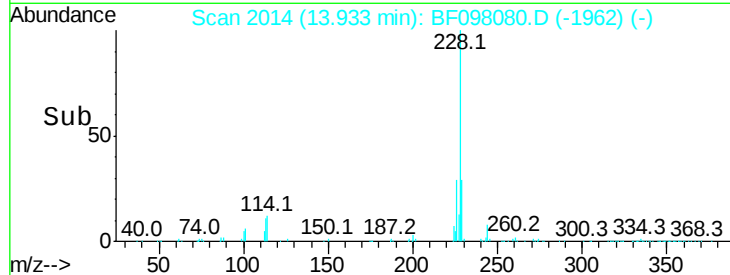
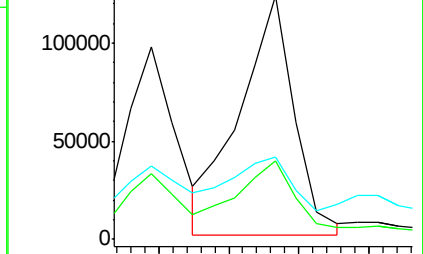
229 34.1 15.8 23.6#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 20.654 ng m

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

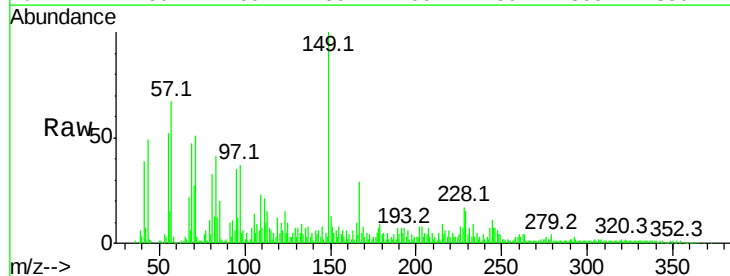
Tgt Ion:149 Resp: 156087

Ion Ratio Lower Upper

149 100

167 29.4 21.0 31.4

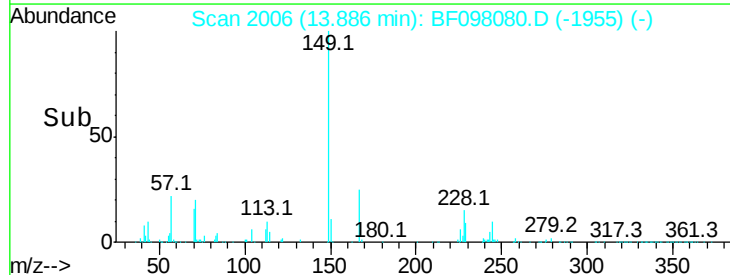
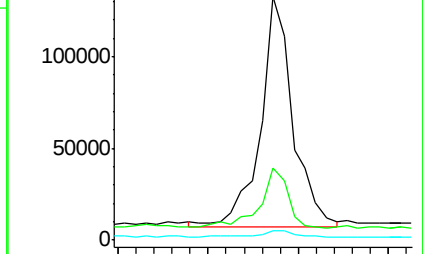
279 4.0 1.9 2.9#

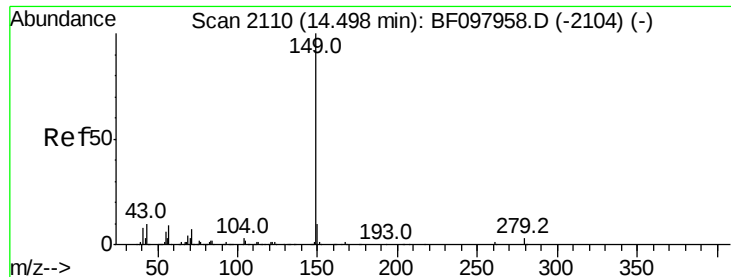


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 15.042 ng m

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

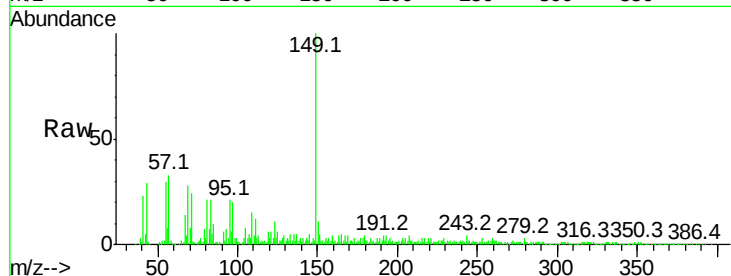
Tot Ion:149 Resp: 197794

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

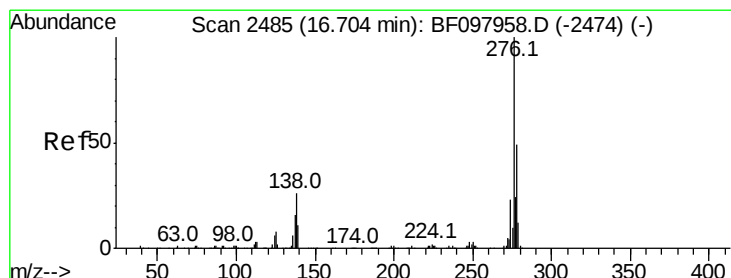
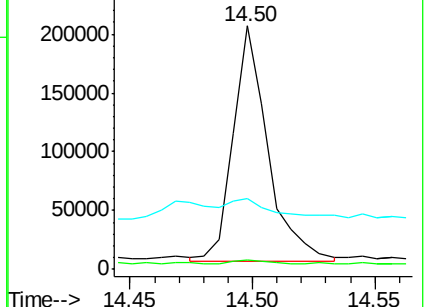
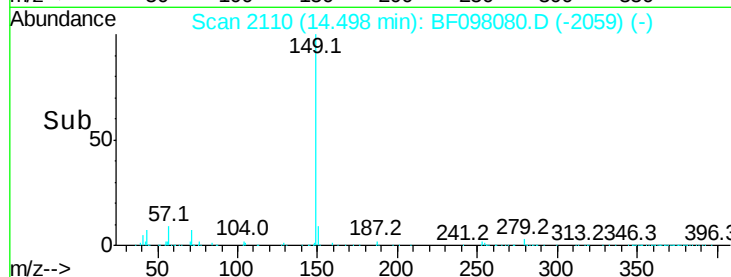
43 0.0 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.469 ng m

RT: 16.71 min Scan# 2486

Delta R.T. 0.02 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

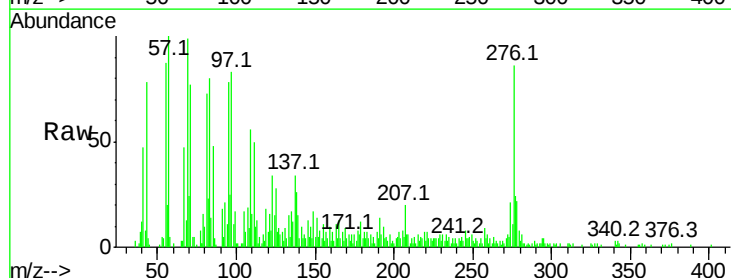
Tgt Ion:276 Resp: 42624

Ion Ratio Lower Upper

276 100

138 28.0 27.8 41.6

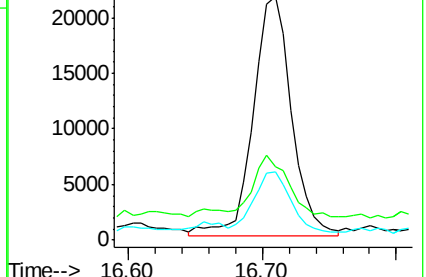
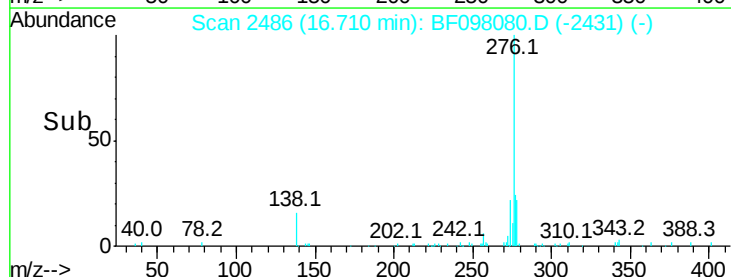
277 25.5 20.2 30.4

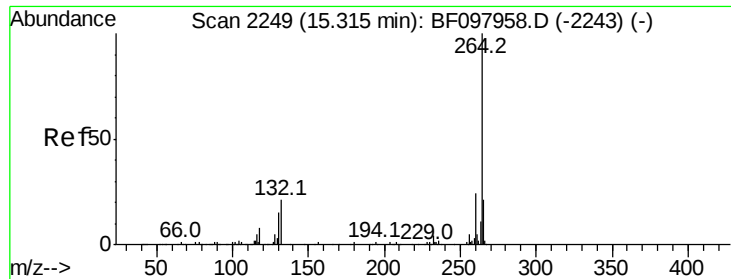


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

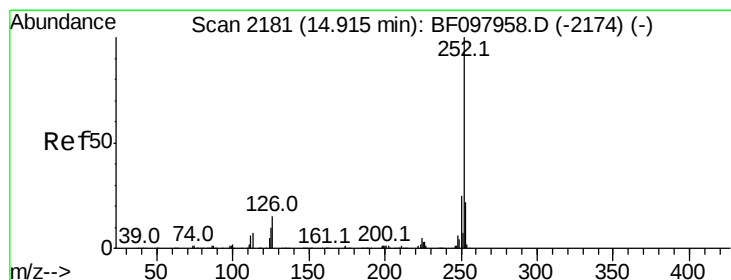
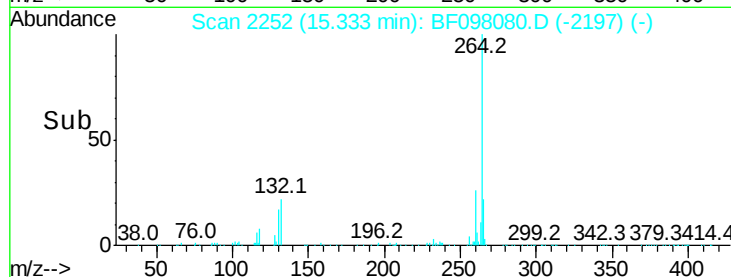
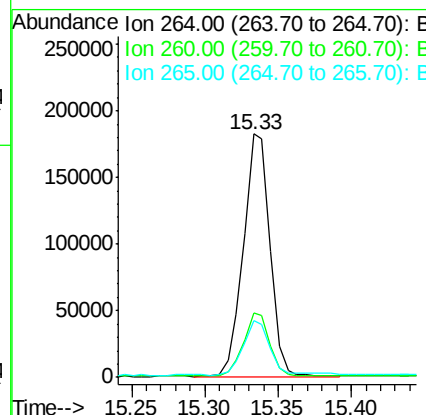
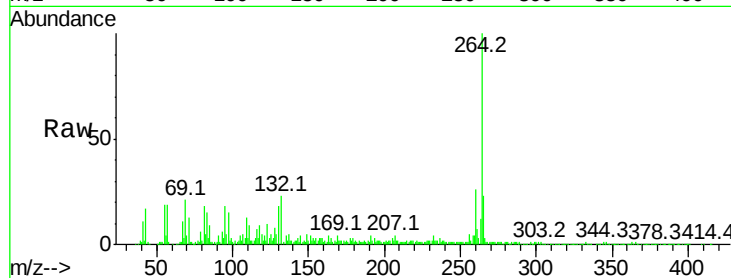




#86
Pervlene-d12
Concen: 20.000 ng m
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

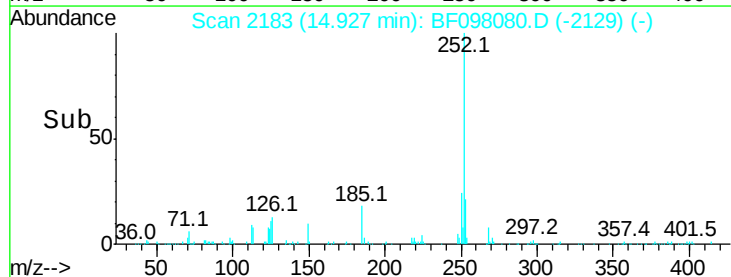
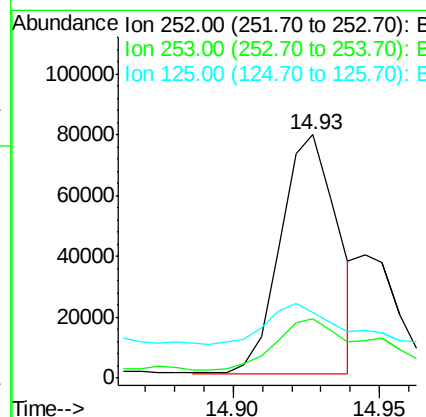
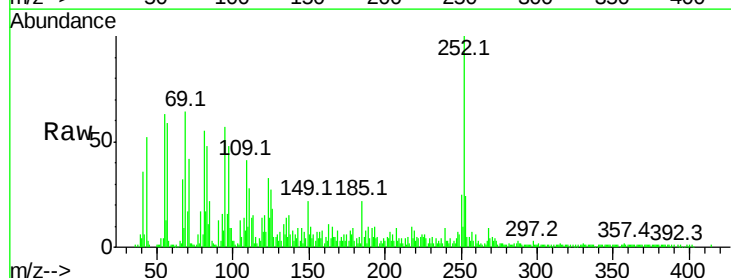
Instrument :
BNA_F
ClientSampleId :
5-POST1

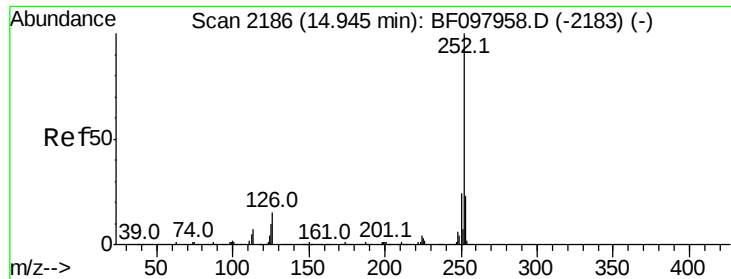
Tot Ion:264 Resp: 235914
Ion Ratio Lower Upper
264 100
260 26.3 19.5 29.3
265 23.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 7.168 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

Tgt Ion:252 Resp: 106597
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 26.9 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.974 ng m

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

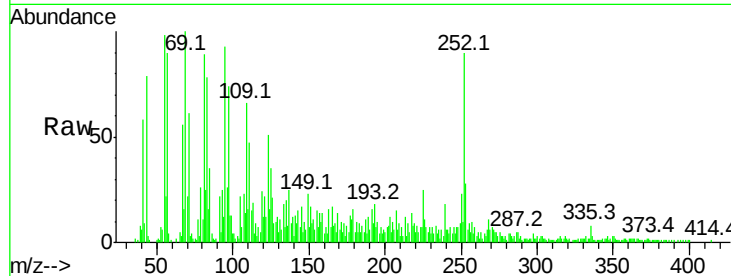
Tot Ion:252 Resp: 41544

Ion Ratio Lower Upper

252 100

253 30.9 18.4 27.6#

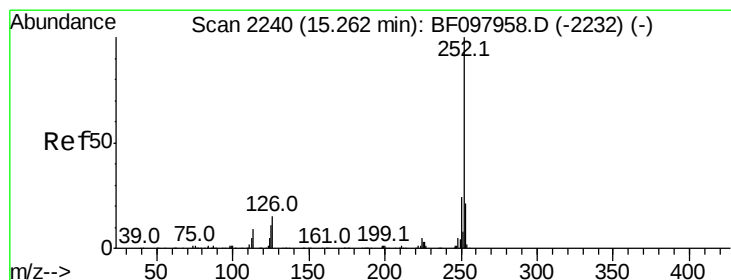
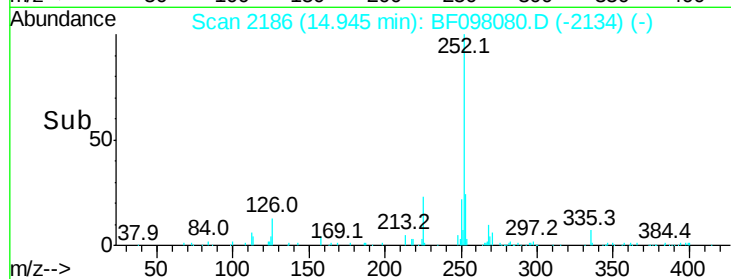
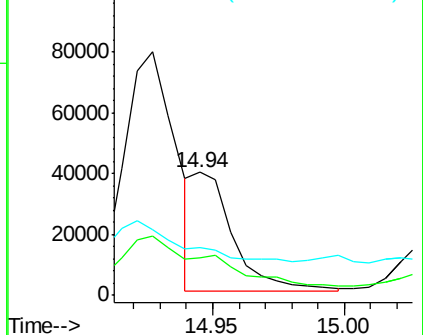
125 38.7 13.1 19.7#



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: 5.553 ng m

RT: 15.27 min Scan# 2242

Delta R.T. 0.02 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

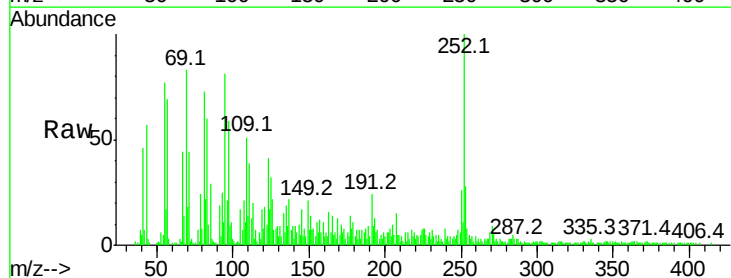
Tgt Ion:252 Resp: 73102

Ion Ratio Lower Upper

252 100

253 27.6 17.5 26.3#

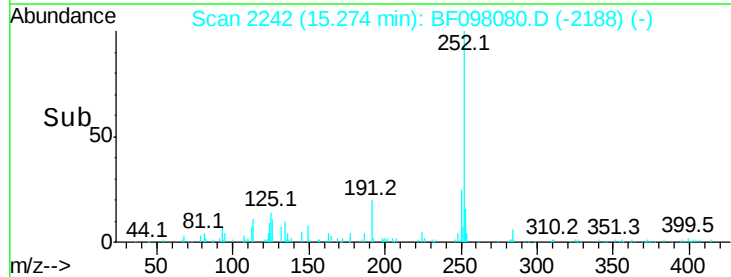
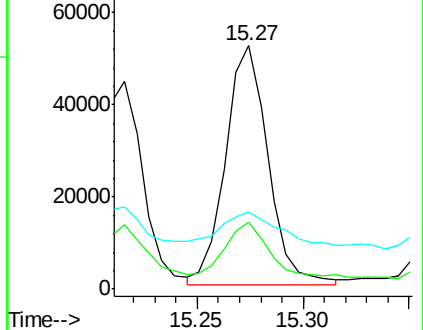
125 31.9 11.0 16.4#

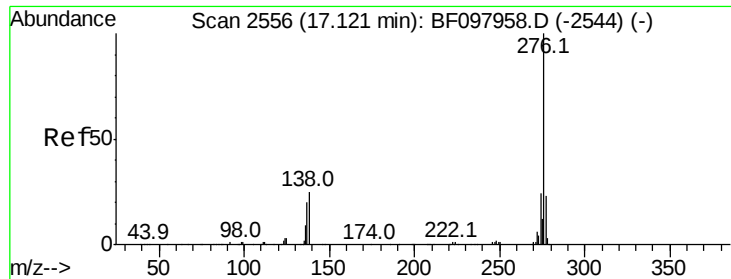


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.910 ng m

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

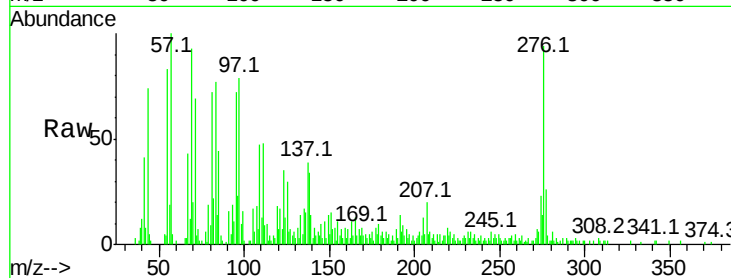
Tot Ion: 276 Resp: 43723

Ion Ratio Lower Upper

276 100

277 27.1 18.6 28.0

138 36.0 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

