

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF08177.D
 Acq On : 31 Aug 2017 1:14
 Operator : SJ/JU
 Sample : I5023-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:51:04 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	6.72	152	120961	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	438193	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	163443	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	275770	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	245086	20.00	ng	-0.02
86) Perylene-d12	15.30	264	175209	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	453575	57.04	ng	-0.02
7) Phenol-d6	6.36	99	597661	55.31	ng	-0.03
23) Nitrobenzene-d5	7.29	82	341894	42.39	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	73028	51.50	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	478231	42.99	ng	-0.02
78) Terphenyl-d14	12.83	244	359883	30.62	ng	-0.02

Target Compounds

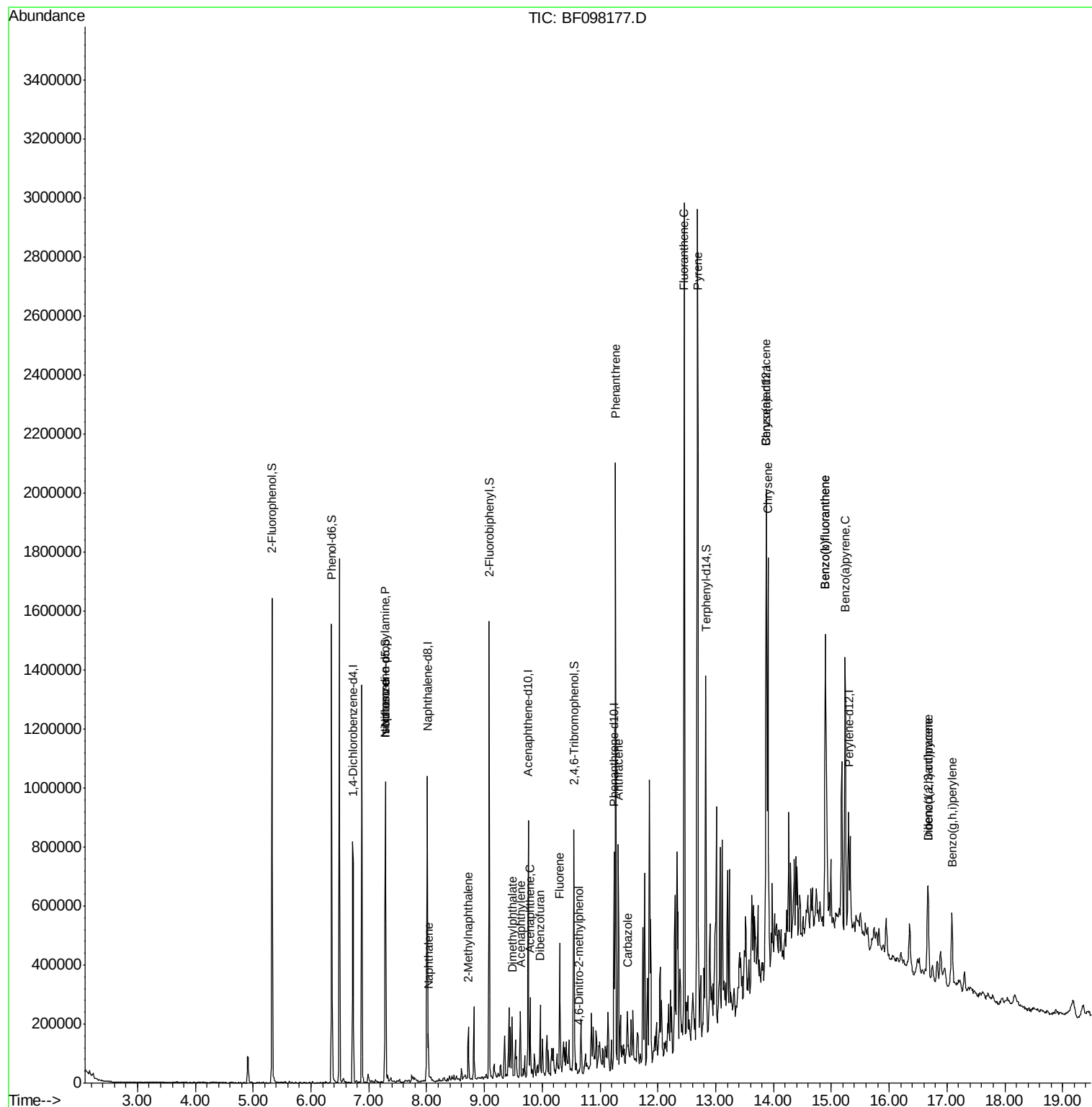
						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	43780	5.919	ng	# 72
25) Isophorone	7.29	82	334949	19.970	ng	# 67
31) Naphthalene	8.03	128	54821	2.410	ng	99
37) 2-Methylnaphthalene	8.72	142	44337	3.179	ng	96
48) Acenaphthylene	9.62	152	62943	3.640	ng	# 96
49) Dimethylphthalate	9.48	163	69593	5.825	ng	98
51) Acenaphthene	9.79	154	49141	4.506	ng	98
54) Dibenzofuran	9.96	168	50830	3.477	ng	# 94
57) Fluorene	10.30	166	110040	9.737	ng	97
64) 4,6-Dinitro-2-methylphenol	10.63	198	506	8.643	ng	# 32
70) Phenanthrene	11.27	178	677771	46.123	ng	100
71) Anthracene	11.32	178	251969	16.905	ng	98
72) Carbazole	11.47	167	52436	3.706	ng	98
74) Fluoranthene	12.46	202	1171650	76.388	ng	98
77) Pyrene	12.69	202	1242909	62.005	ng	99
80) Benzo(a)anthracene	13.87	228	620649	42.253	ng	97
82) Chrysene	13.91	228	568285	38.891	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	207502	19.304	ng	# 90
87) Benzo(b)fluoranthene	14.90	252	735153	66.566	ng	98
88) Benzo(k)fluoranthene	14.90	252	735153	70.852	ng	98
89) Benzo(a)pyrene	15.24	252	411813	42.121	ng	98
90) Dibenzo(a,h)anthracene	16.68	278	56771	7.132	ng	# 88
91) Benzo(g,h,i)perylene	17.09	276	193070	23.247	ng	93

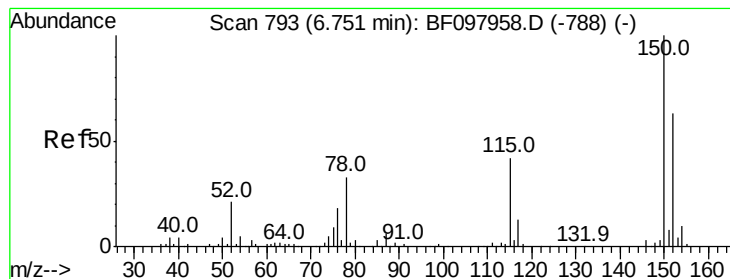
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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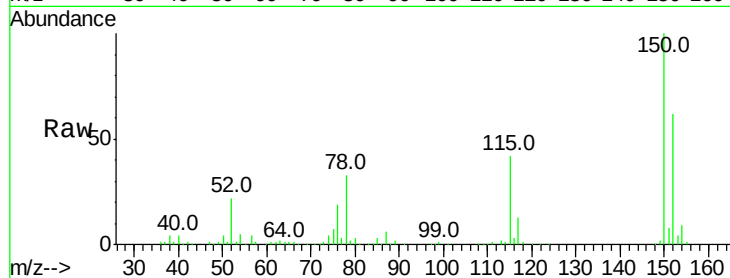


#1

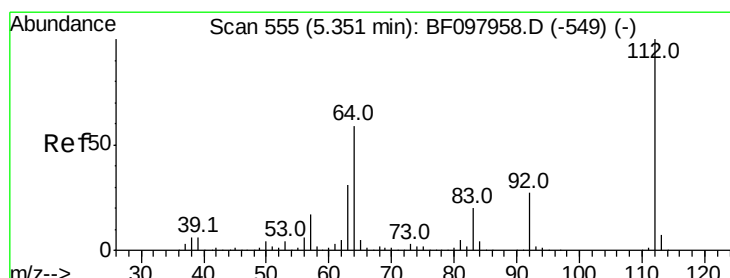
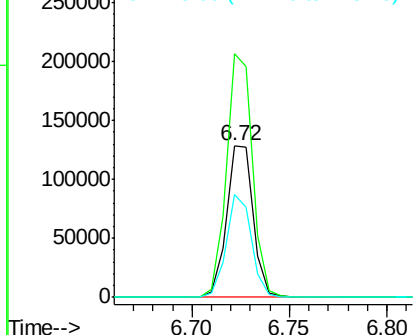
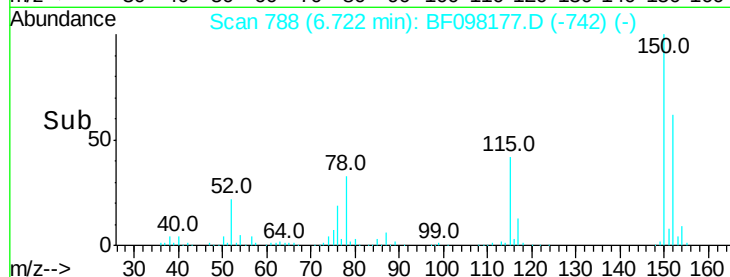
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	68.1	52.2	78.2



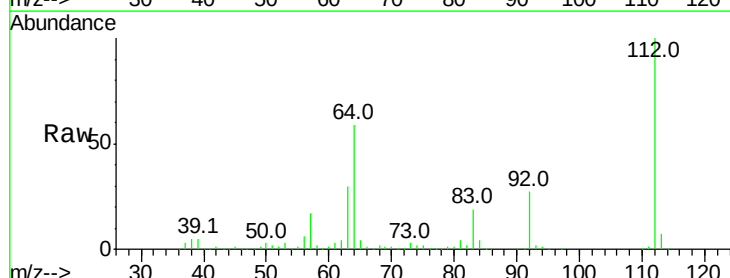
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



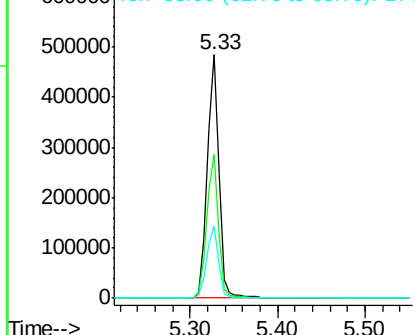
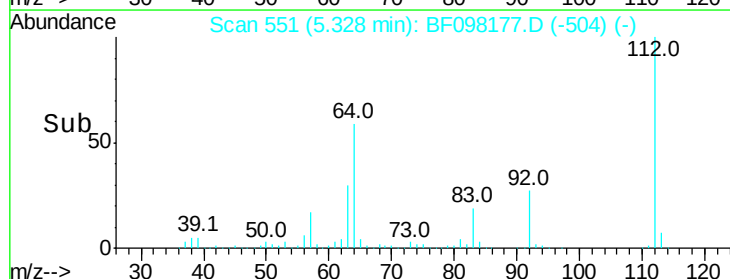
#5

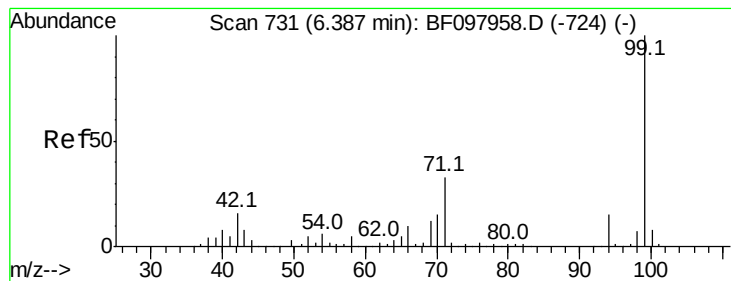
2-Fluorophenol
 Concen: 57.037 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.0	69.0
63	29.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 55.314 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

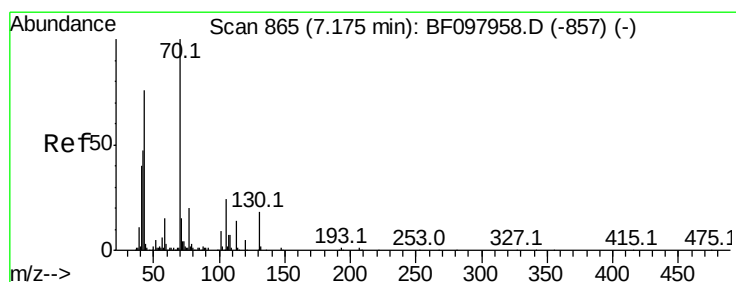
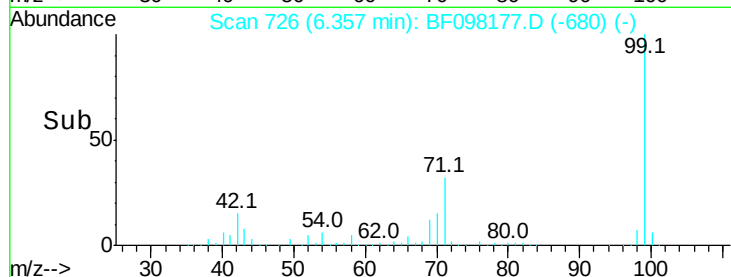
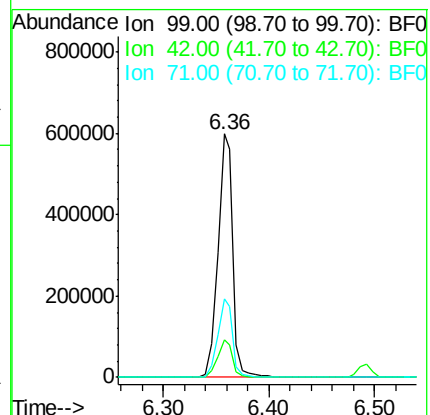
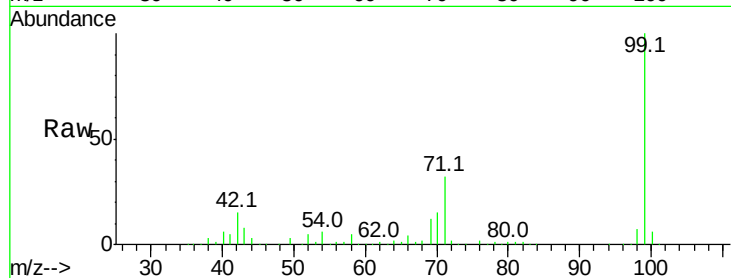
Tot Ion: 99 Resp: 597661

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 32.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 5.919 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Tgt Ion: 70 Resp: 43780

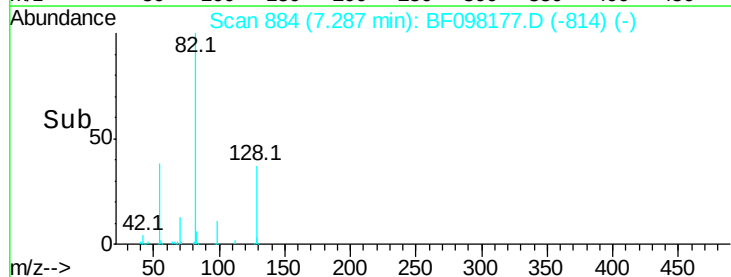
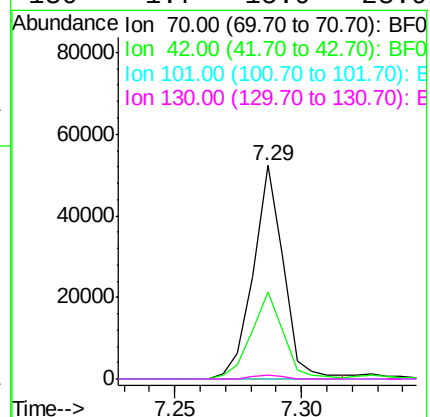
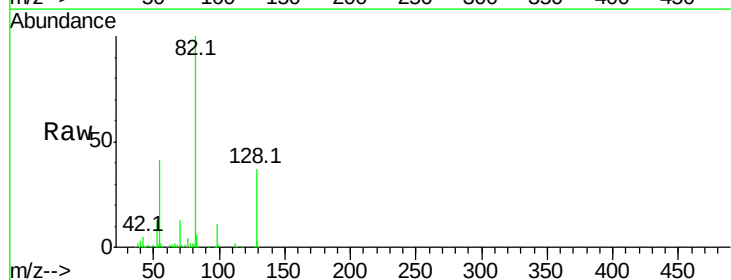
Ion Ratio Lower Upper

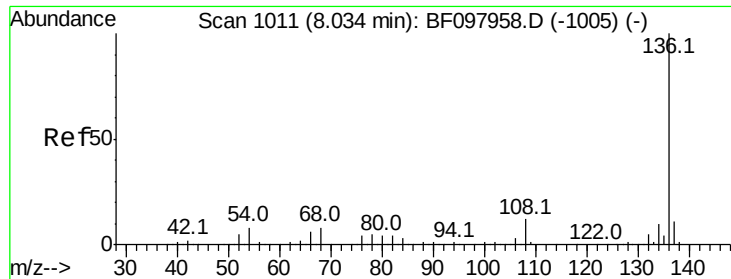
70 100

42 40.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

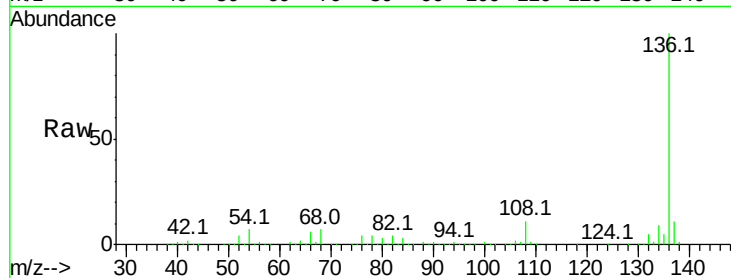




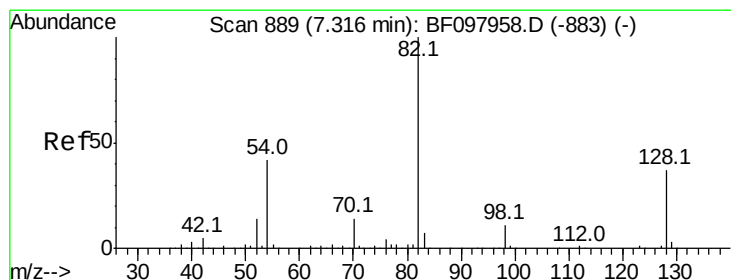
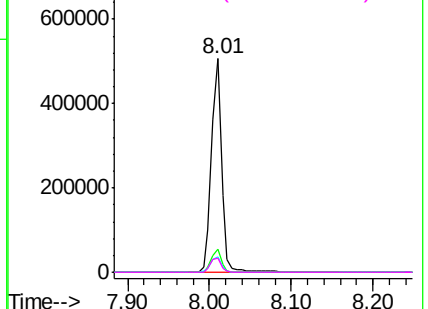
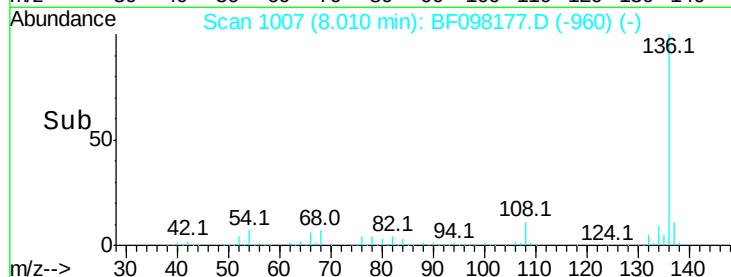
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098177.D
Acq: 31 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	438193
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.3	4.9	7.3#
68	6.8	4.1	6.1#

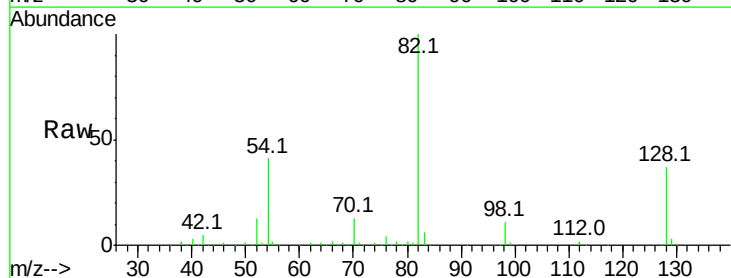


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

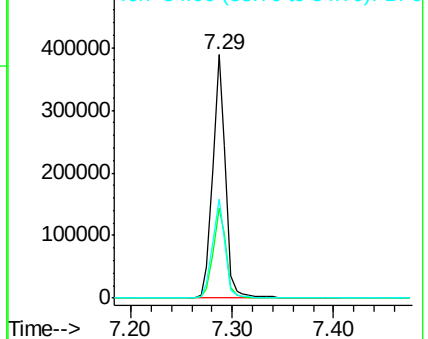
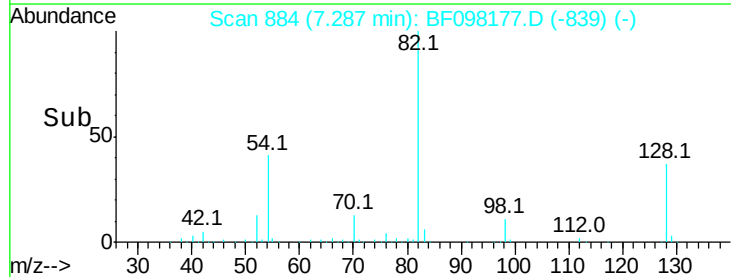


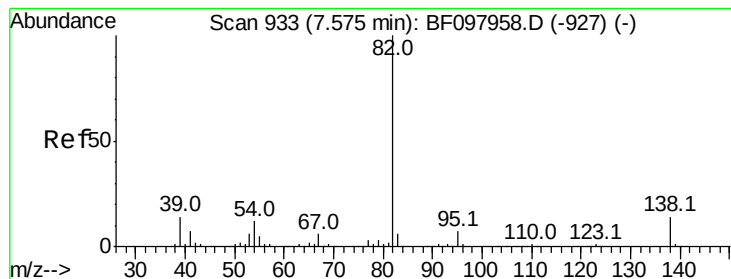
#23
Nitrobenzene-d5
Concen: 42.386 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098177.D
Acq: 31 Aug 2017 1:14

Tgt Ion:	82	Resp:	341894
Ion	Ratio	Lower	Upper
82	100		
128	36.9	34.0	51.0
54	40.7	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: 19.970 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

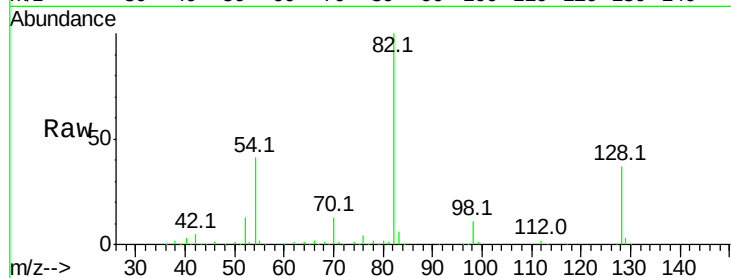
Tot Ion: 82 Resp: 334949

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

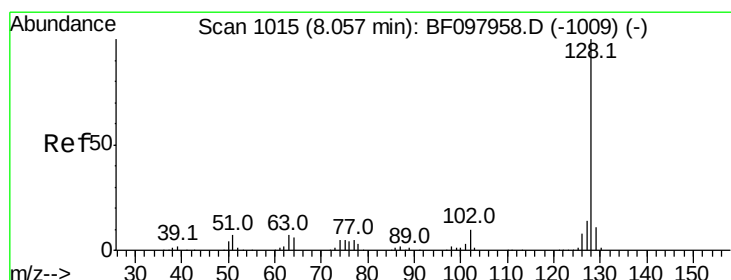
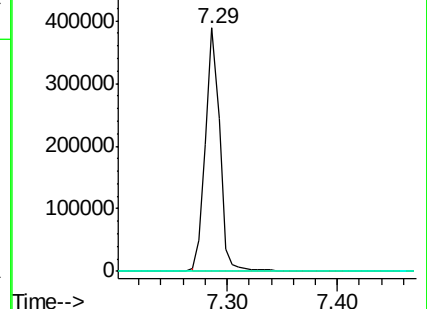
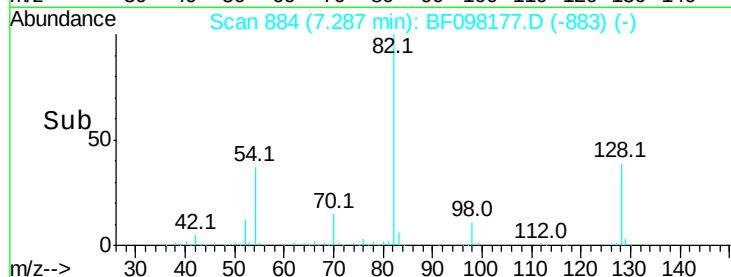
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 2.410 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

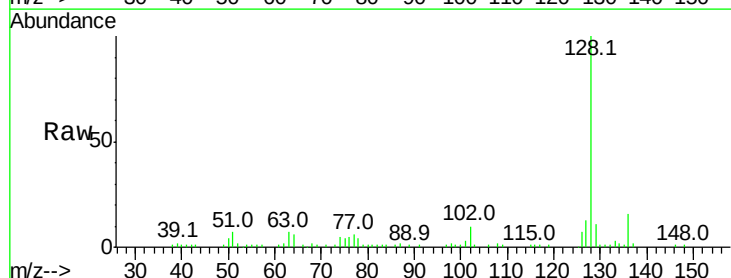
Tgt Ion: 128 Resp: 54821

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

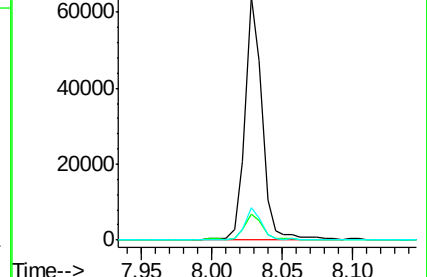
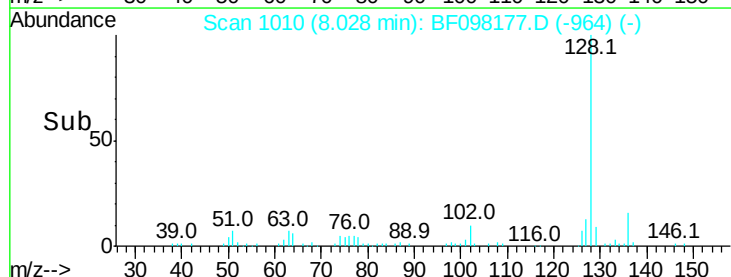
127 13.3 10.8 16.2

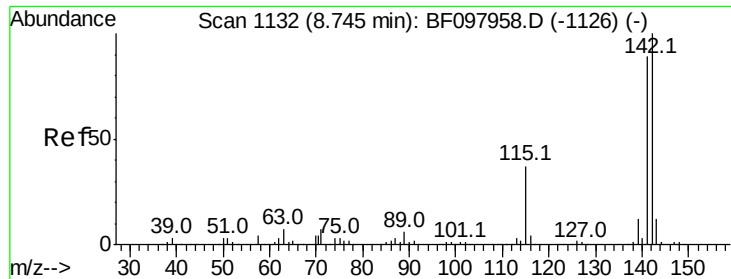


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

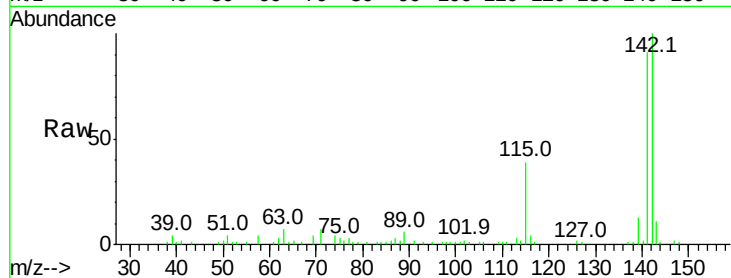




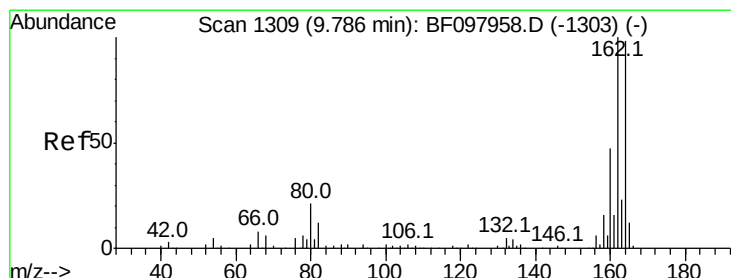
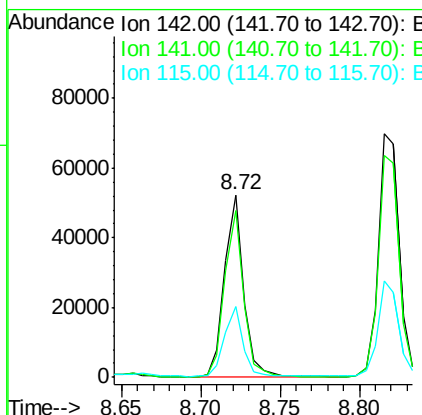
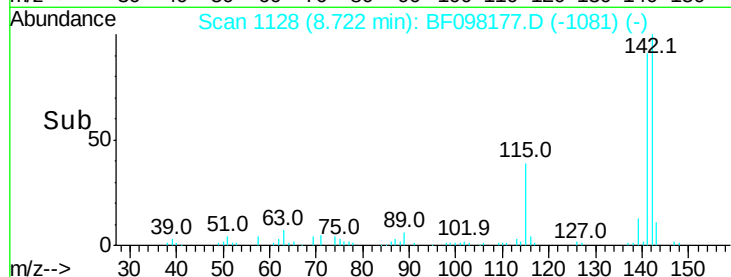
#37
 2-Methylnaphthalene
 Concen: 3.179 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 44337
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.3 106.9
 115 38.5 27.1 40.7

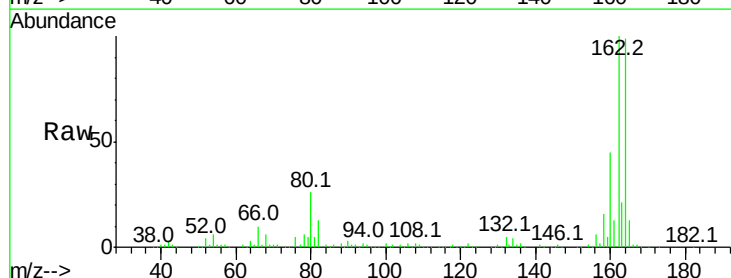


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

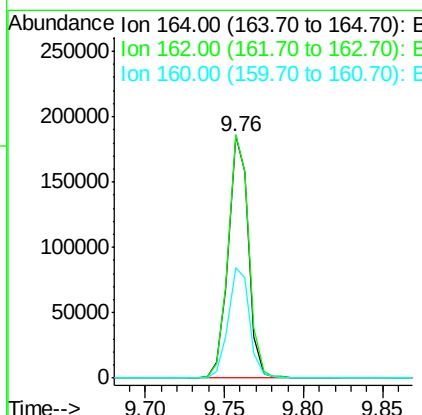
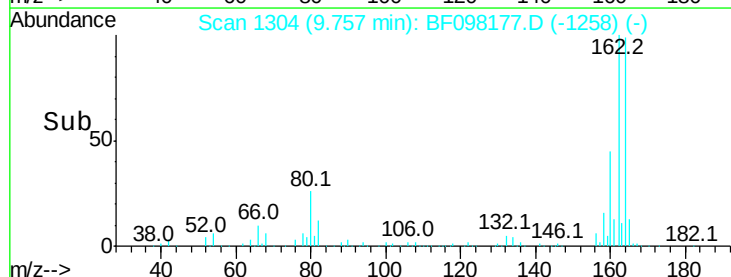


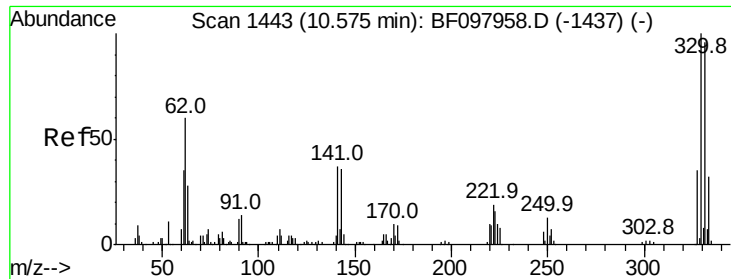
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Tgt Ion:164 Resp: 163443
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 123.8
 160 45.5 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

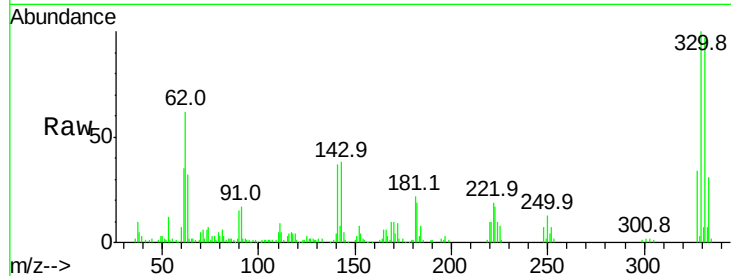




#41
 2,4,6-Tribromophenol
 Concen: 51.496 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	39.3	31.4	47.2

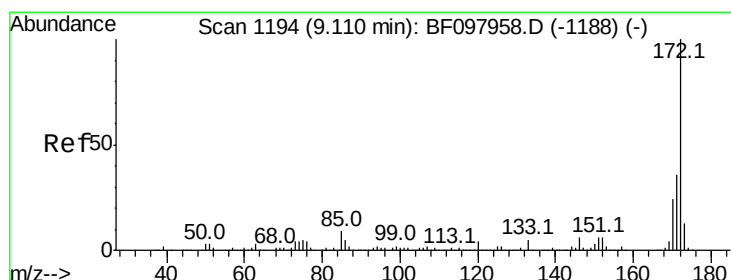
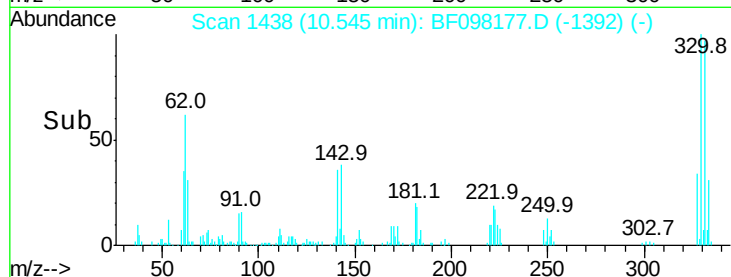
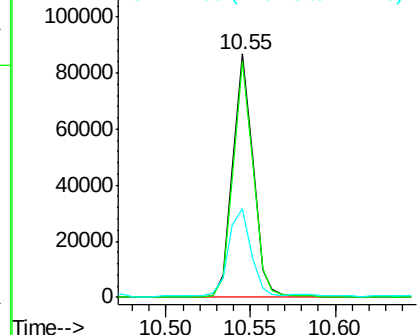


Abundance

Ion 329.80 (329.50 to 330.50): E

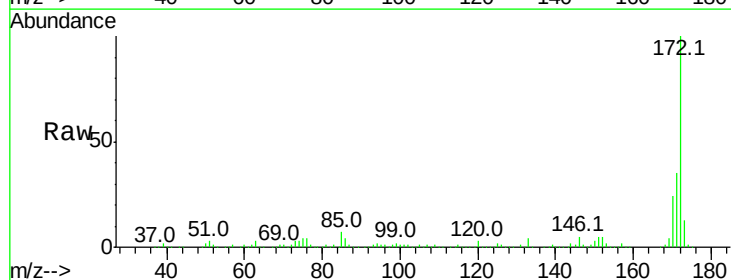
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 42.989 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.1	19.8	29.8

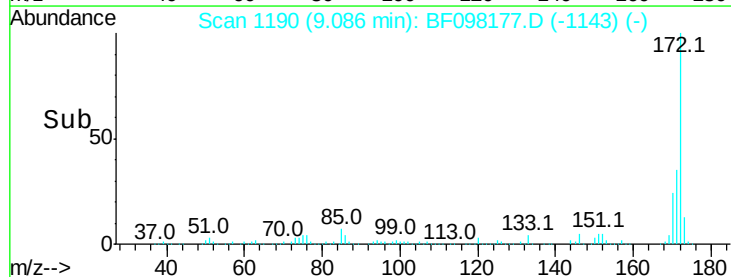
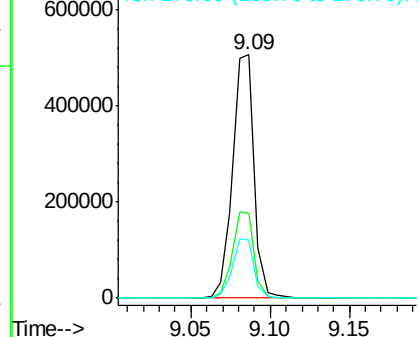


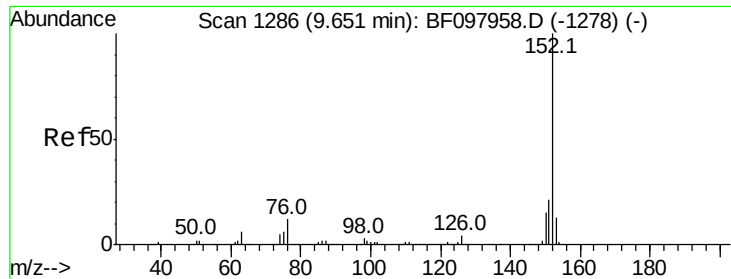
Abundance

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: 3.640 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

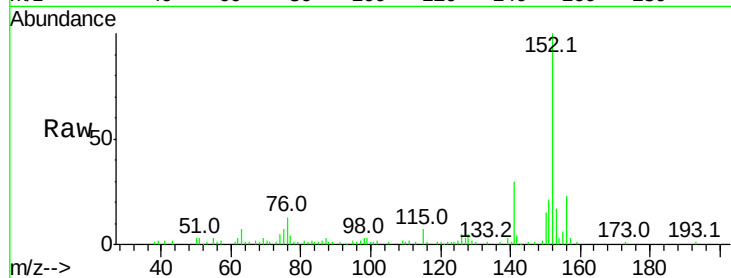
Tot Ion:152 Resp: 62943

Ion Ratio Lower Upper

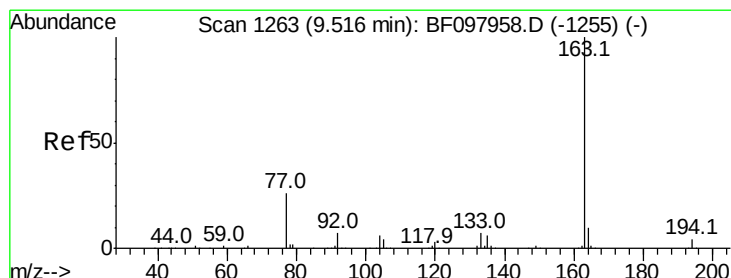
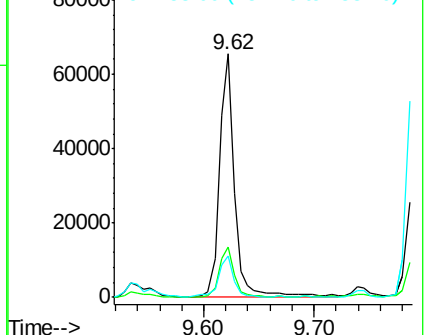
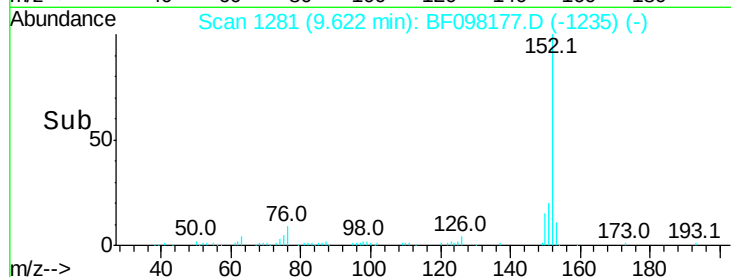
152 100

151 20.9 16.8 25.2

153 16.9 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: 5.825 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

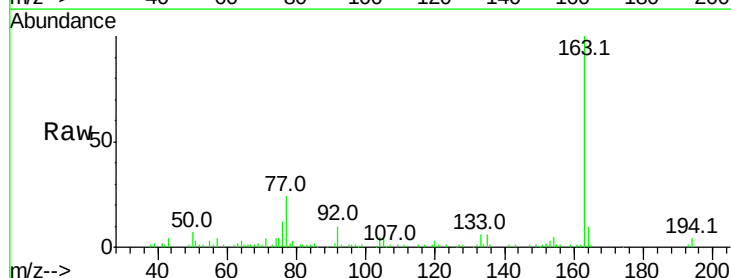
Tgt Ion:163 Resp: 69593

Ion Ratio Lower Upper

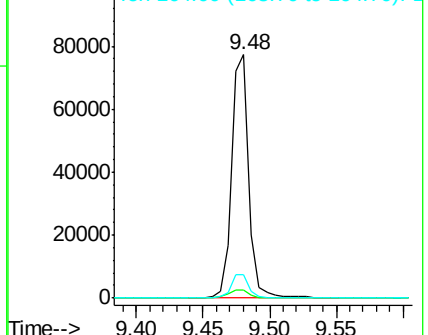
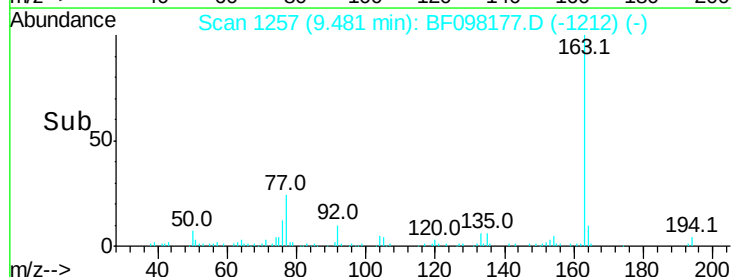
163 100

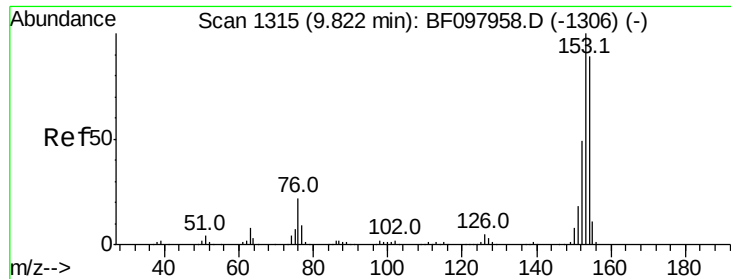
194 3.5 2.6 4.0

164 9.7 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: 4.506 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

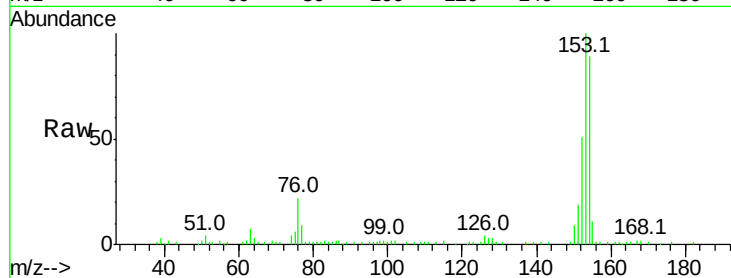
Tot Ion:154 Resp: 49141

Ion Ratio Lower Upper

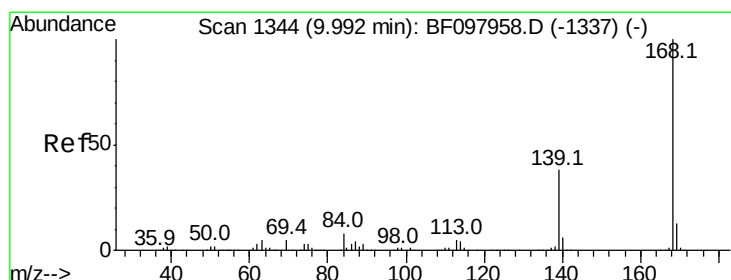
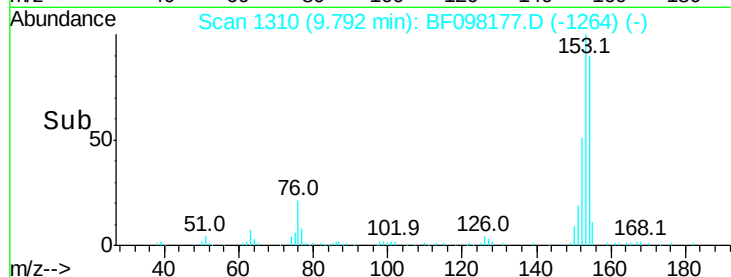
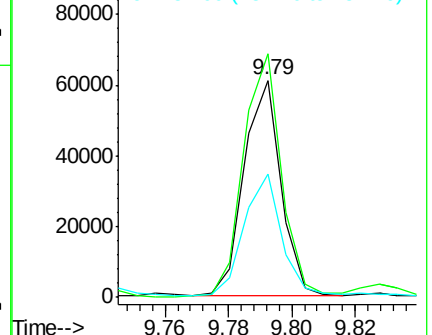
154 100

153 112.3 90.5 135.7

152 56.9 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: 3.477 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

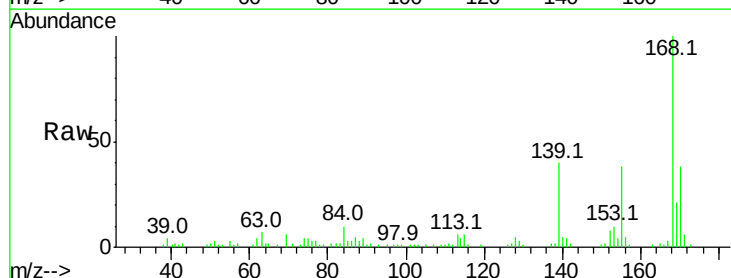
Tgt Ion:168 Resp: 50830

Ion Ratio Lower Upper

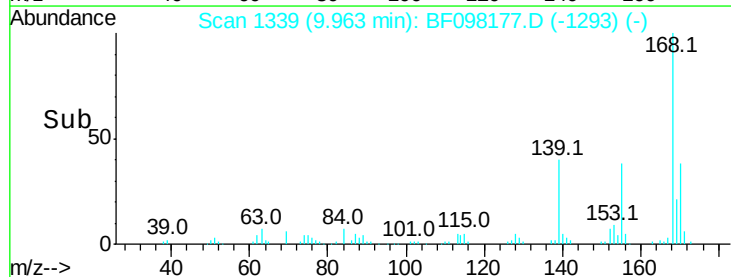
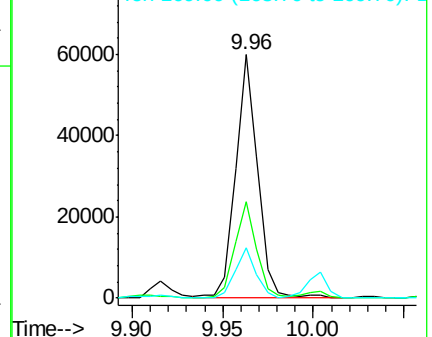
168 100

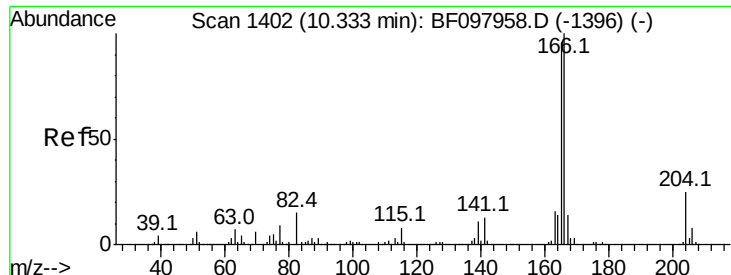
139 39.6 30.6 45.8

169 20.9 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

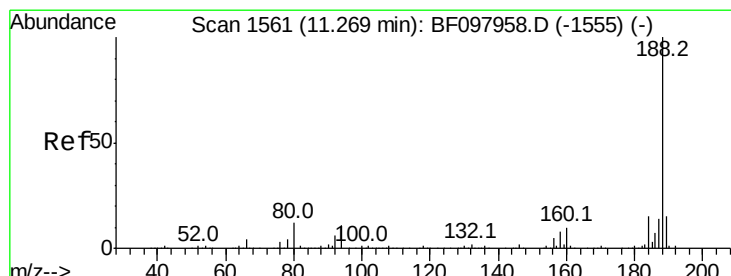
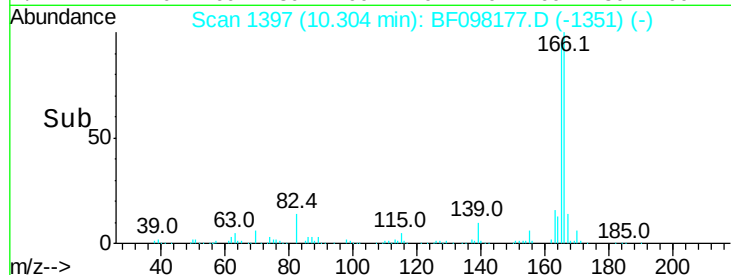
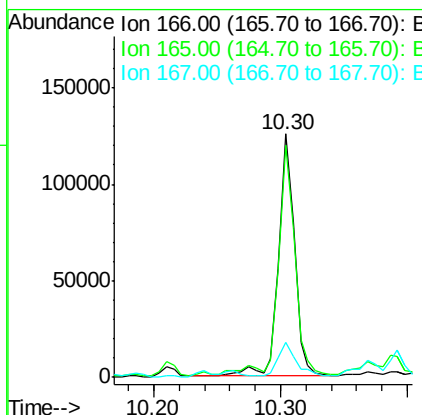
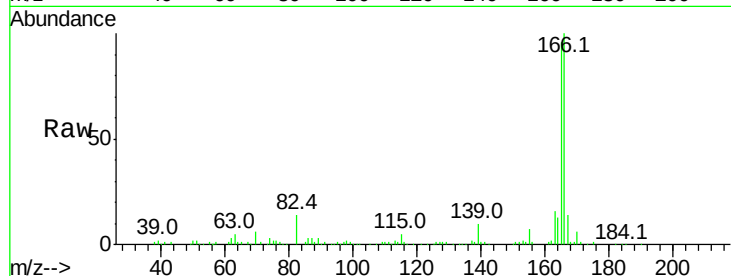




#57
Fluorene
 Concen: 9.737 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.03 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

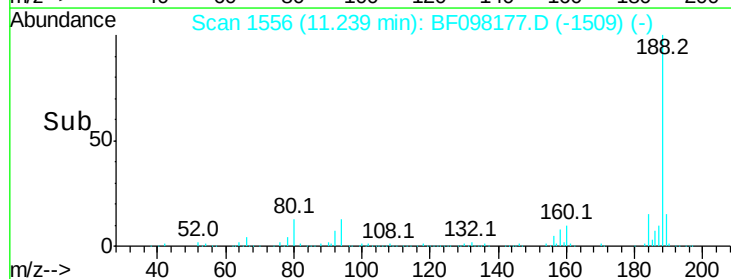
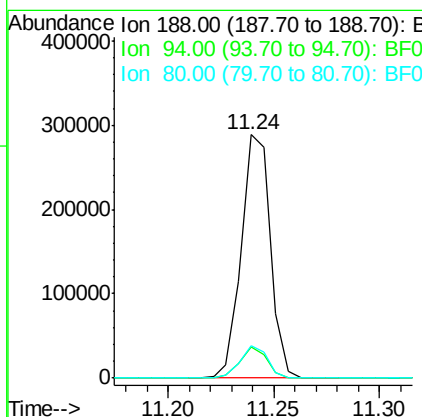
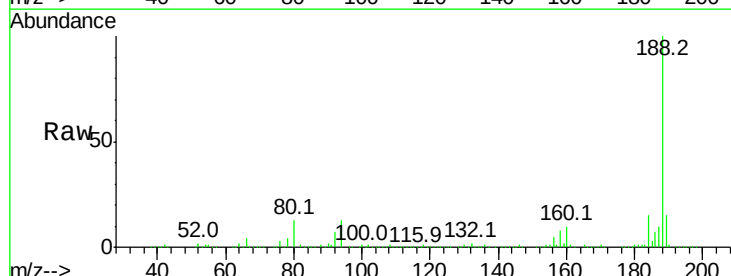
Instrument :
 BNA_F
 ClientSampleId :

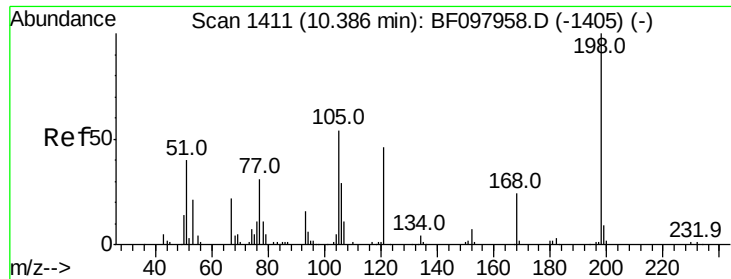
Tot Ion:166 Resp: 110040
 Ion Ratio Lower Upper
 166 100
 165 95.5 78.8 118.2
 167 14.4 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Tgt Ion:188 Resp: 275770
 Ion Ratio Lower Upper
 188 100
 94 12.8 9.4 14.2
 80 13.4 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.643 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.25 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampled :

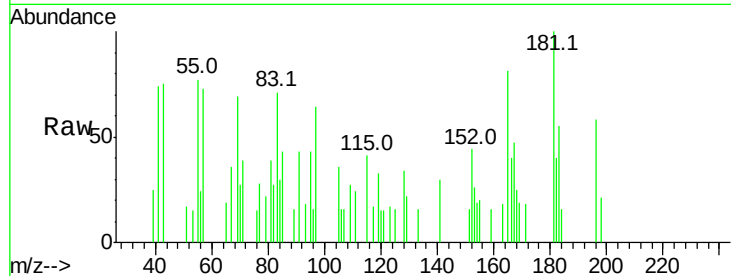
Tot Ion:198 Resp: 506

Ion Ratio Lower Upper

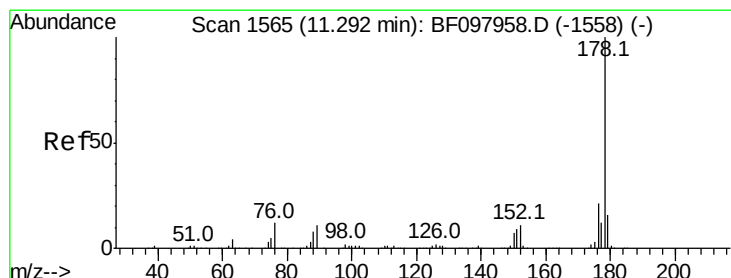
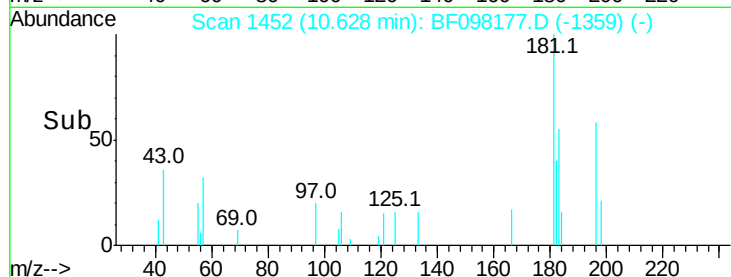
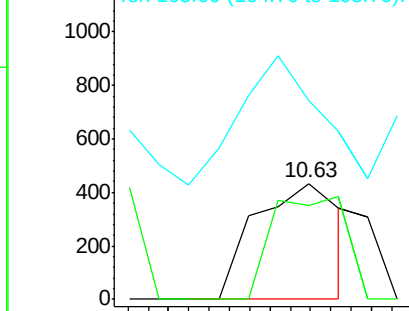
198 100

51 80.9 53.2 93.2

105 171.2 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



#70

Phenanthrene

Concen: 46.123 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

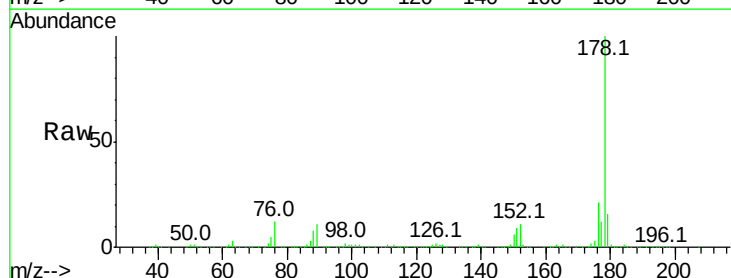
Tgt Ion:178 Resp: 677771

Ion Ratio Lower Upper

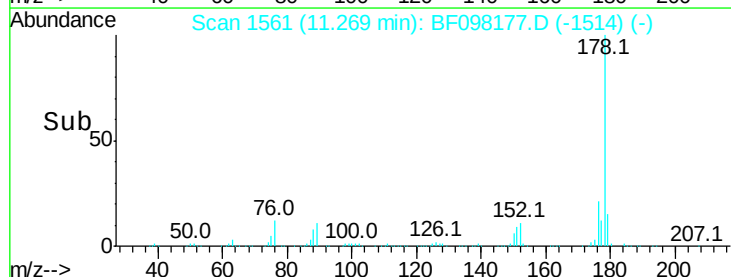
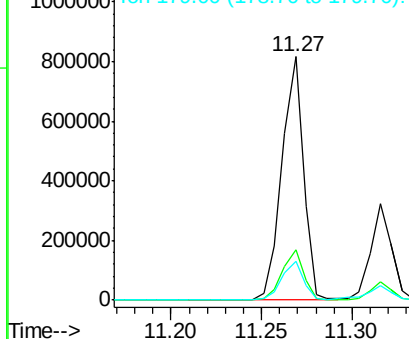
178 100

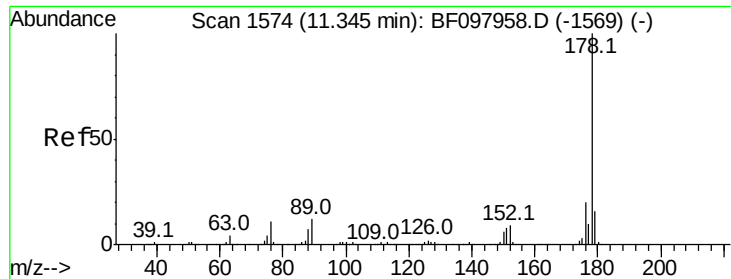
176 20.5 16.2 24.4

179 16.0 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

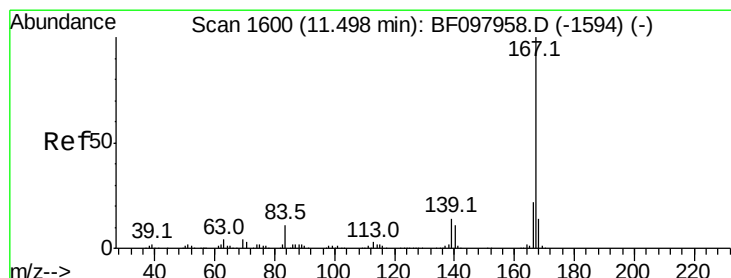
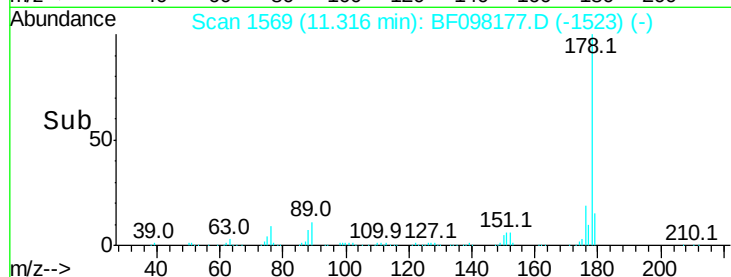
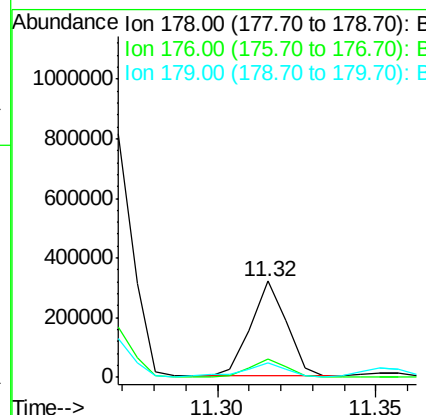
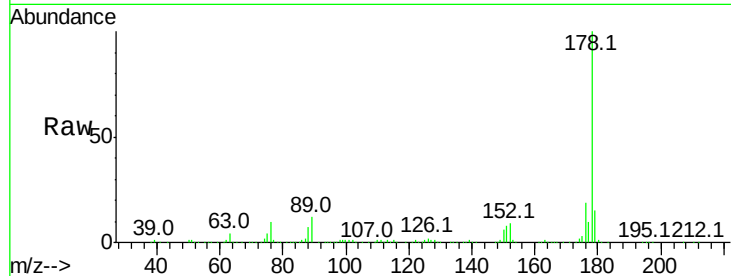




#71
 Anthracene
 Concen: 16.905 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

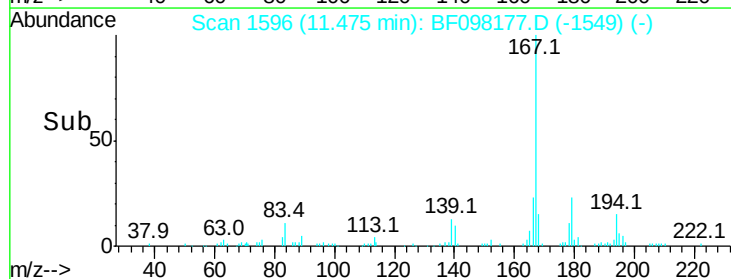
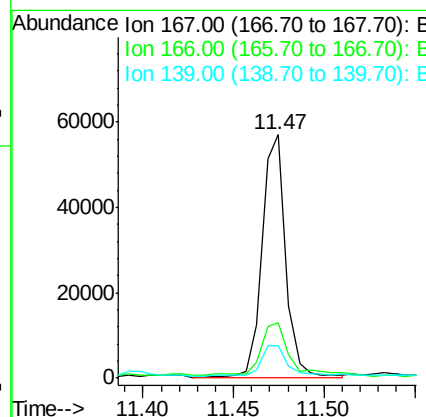
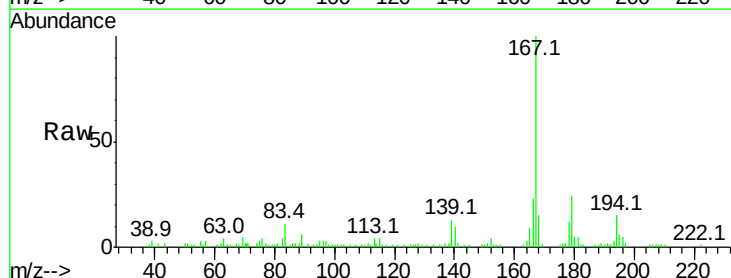
Instrument :
 BNA_F
 ClientSampleId :

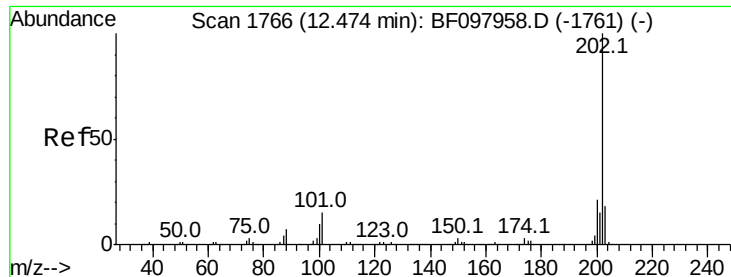
Tot Ion:178 Resp: 251969
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 3.706 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF098177.D
 Acq: 31 Aug 2017 1:14

Tgt Ion:167 Resp: 52436
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.1 27.1
 139 13.3 11.7 17.5





#74

Fluoranthene

Concen: 76.388 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

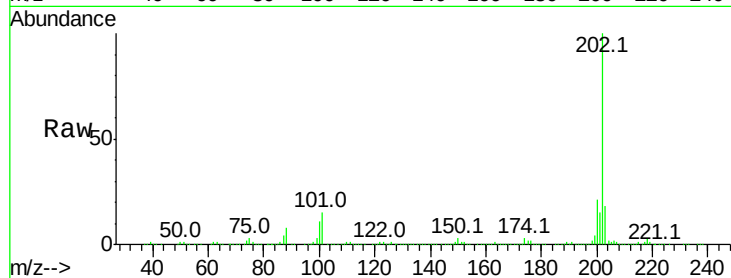
Tot Ion:202 Resp: 1171650

Ion Ratio Lower Upper

202 100

101 15.1 0.0 33.2

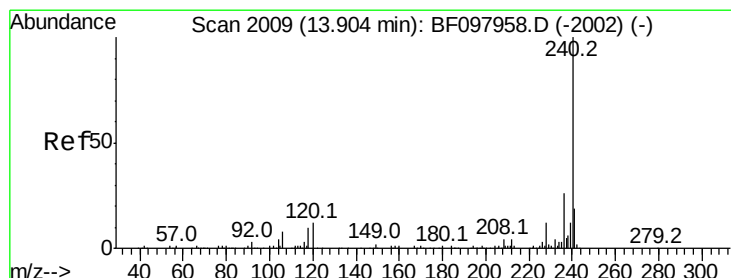
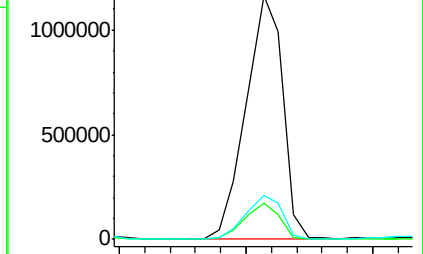
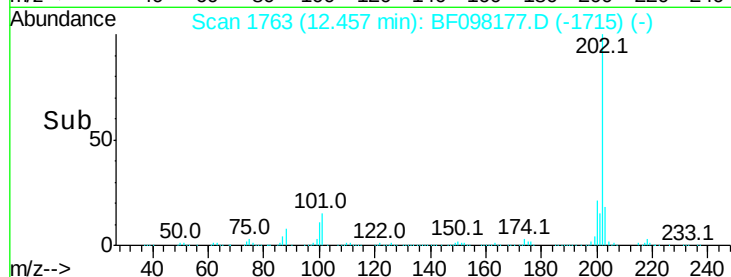
203 18.1 0.0 38.1



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

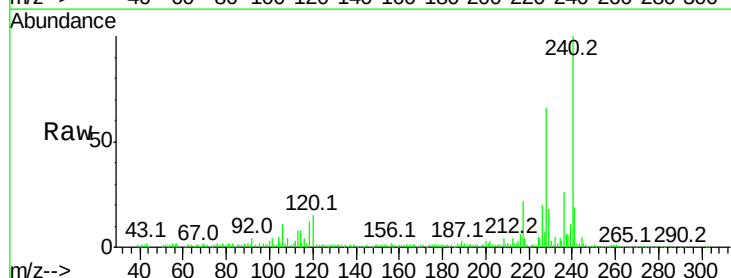
Tgt Ion:240 Resp: 245086

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

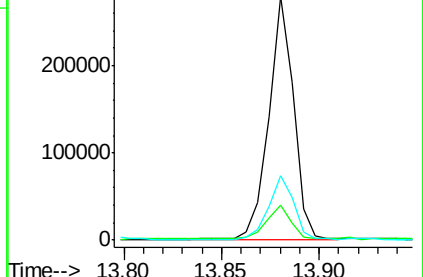
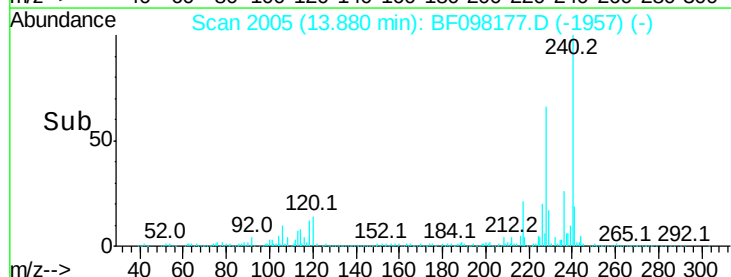
236 26.4 20.5 30.7

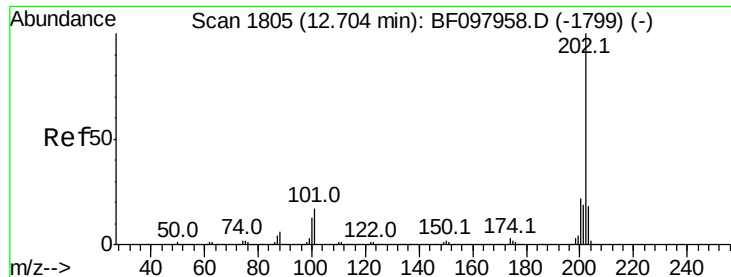


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 62.005 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

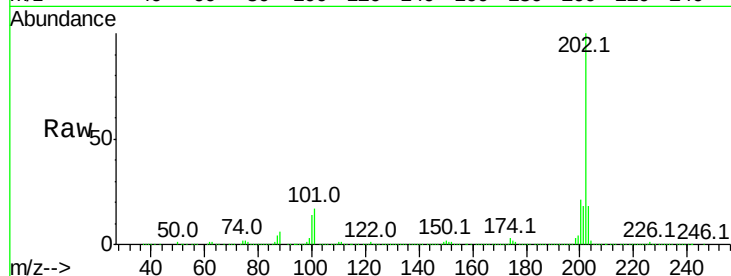
Tot Ion:202 Resp: 1242909

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

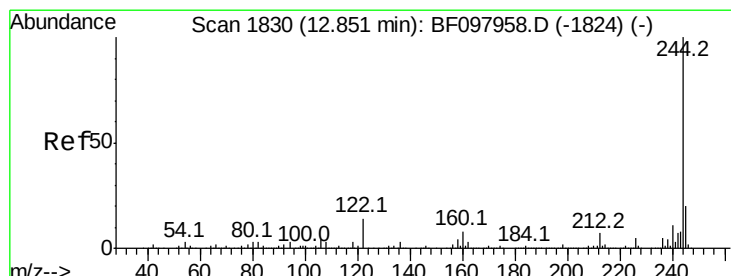
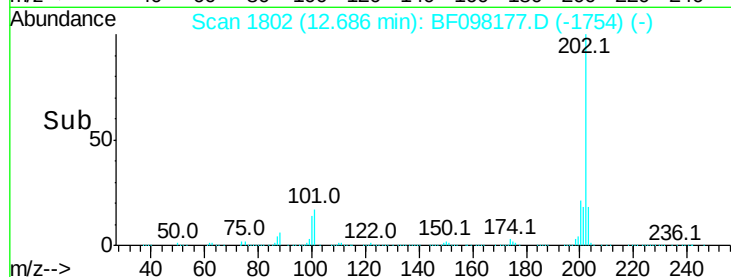
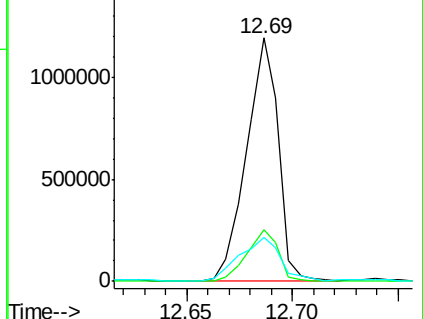
203 18.0 14.4 21.6



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: 30.621 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

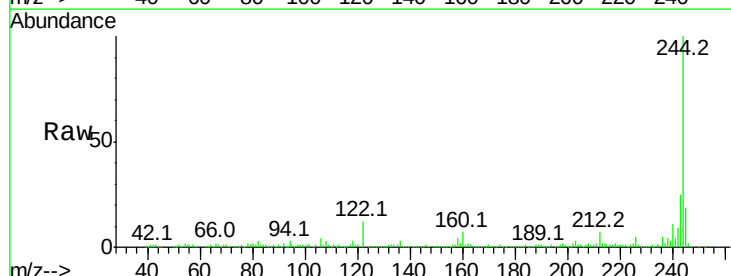
Tgt Ion:244 Resp: 359883

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

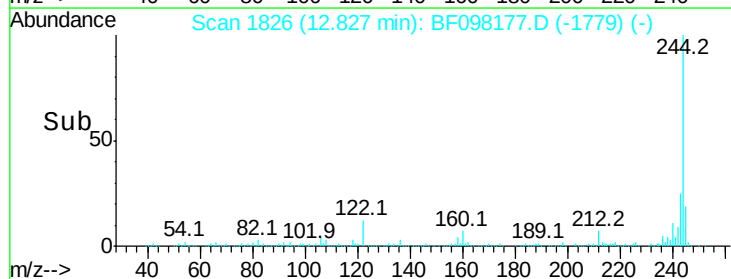
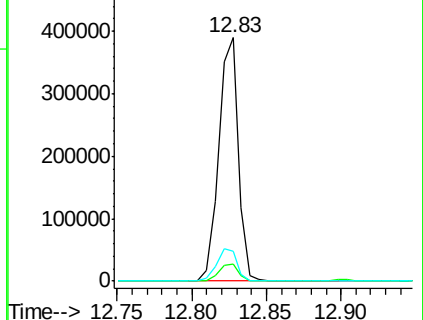
122 12.1 10.3 15.5

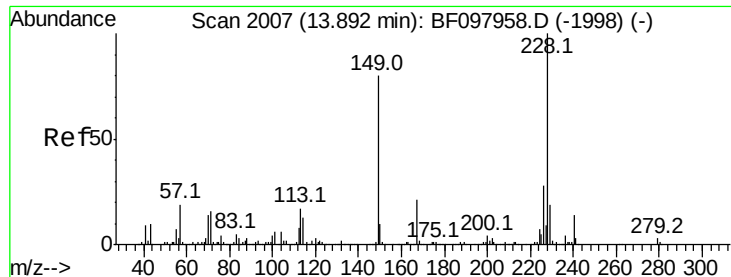


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

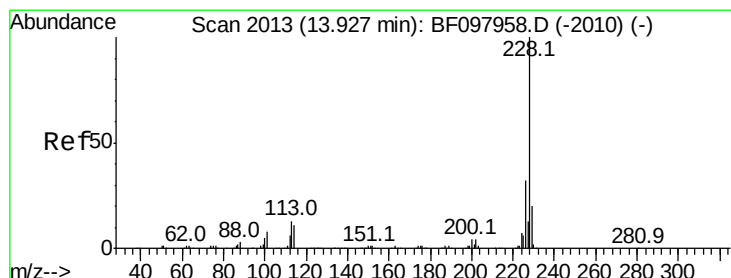
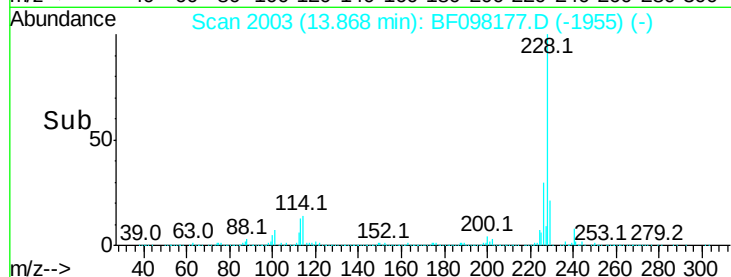
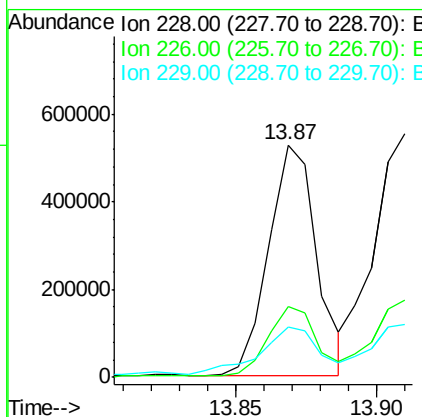
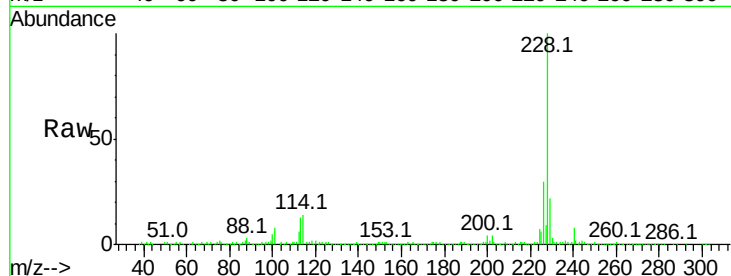




#80
Benzo(a)anthracene
Concen: 42.253 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098177.D
Acq: 31 Aug 2017 1:14

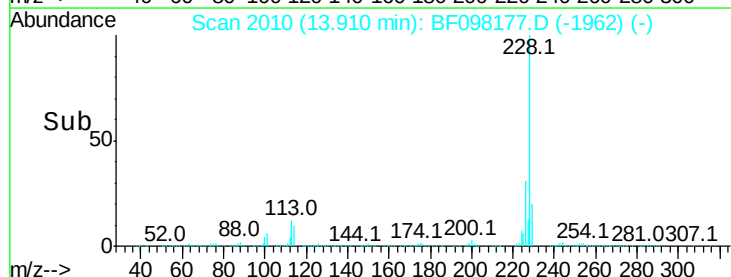
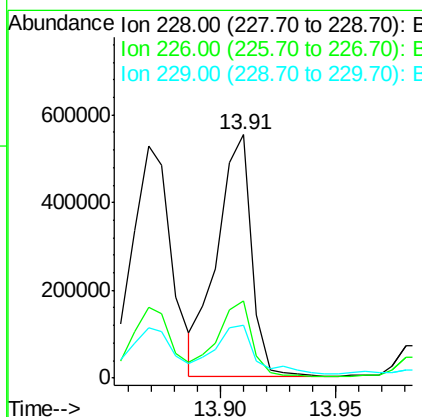
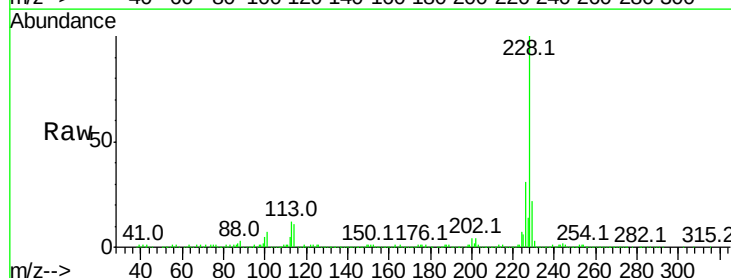
Instrument :
BNA_F
ClientSampleId :

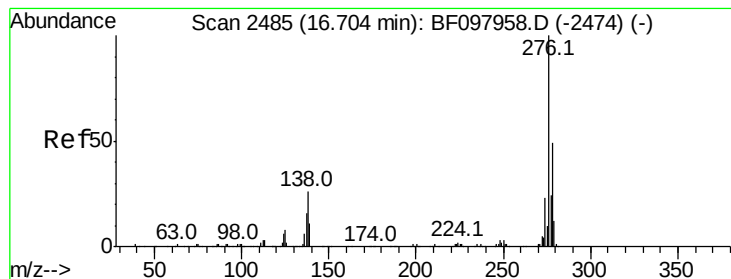
Tot Ion:228 Resp: 620649
Ion Ratio Lower Upper
228 100
226 30.3 22.6 33.8
229 21.6 16.3 24.5



#82
Chrysene
Concen: 38.891 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF098177.D
Acq: 31 Aug 2017 1:14

Tgt Ion:228 Resp: 568285
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 21.7 15.8 23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 19.304 ng

RT: 16.67 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

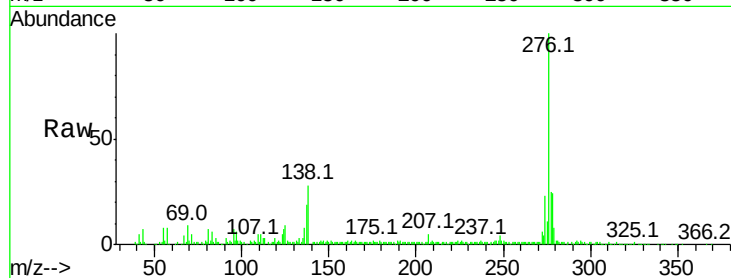
Tot Ion:276 Resp: 207502

Ion Ratio Lower Upper

276 100

138 25.2 27.8 41.6#

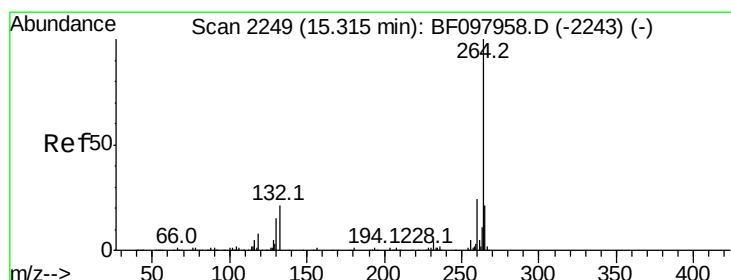
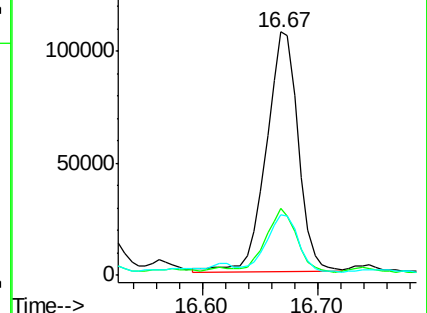
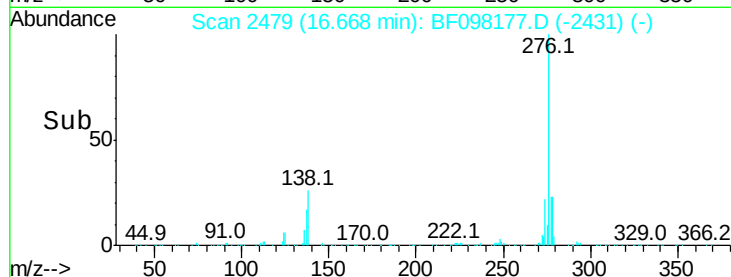
277 24.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

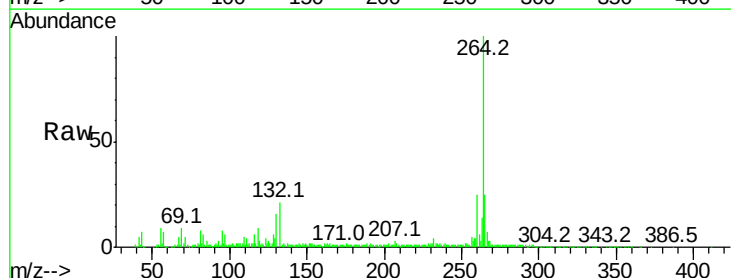
Tgt Ion:264 Resp: 175209

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

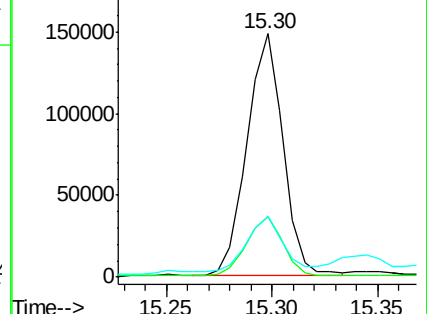
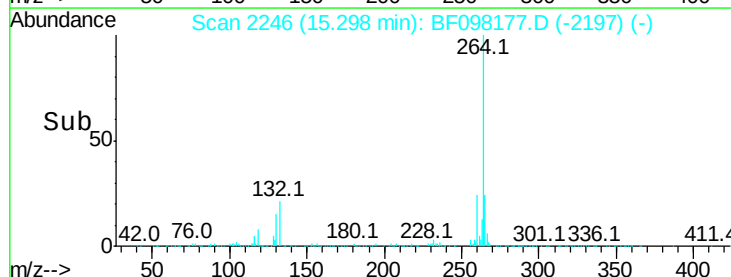
265 24.7 17.2 25.8

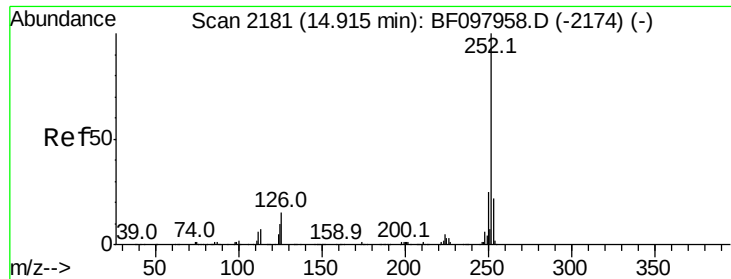


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

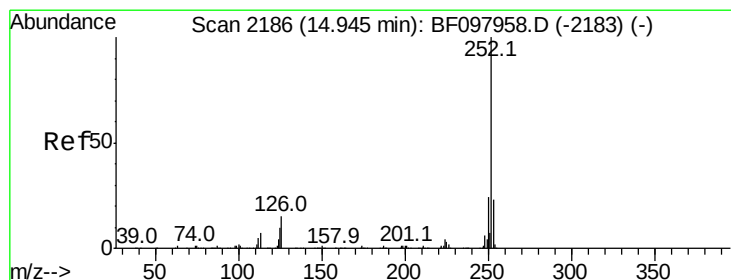
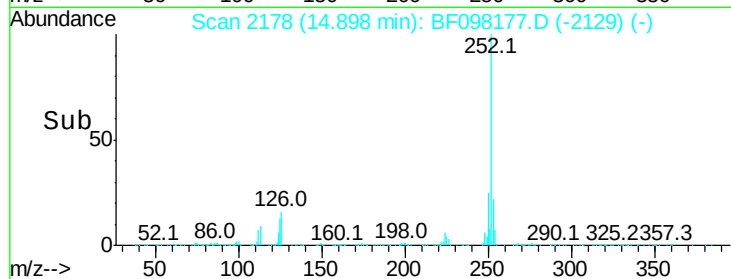
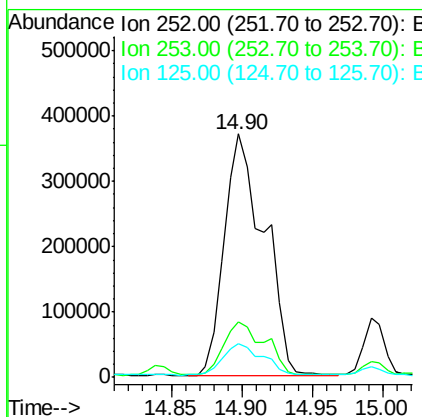
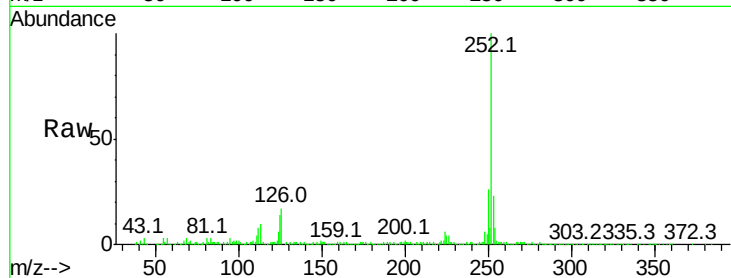




#87
Benzo(b)fluoranthene
Concen: 66.566 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF098177.D
Acq: 31 Aug 2017 1:14

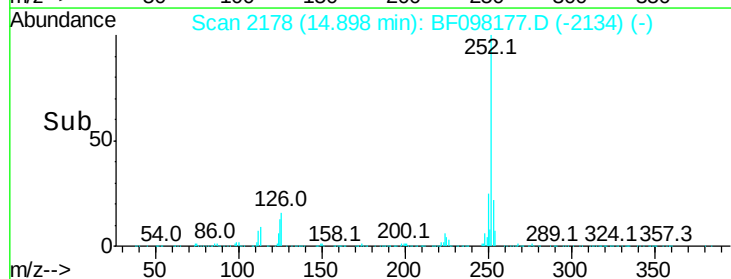
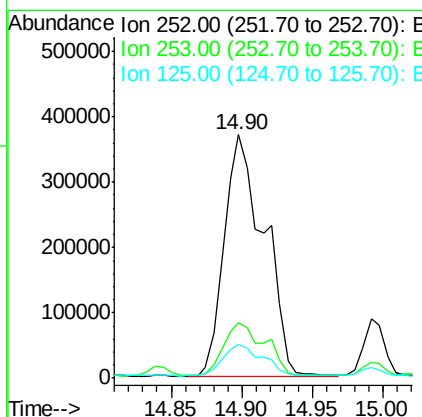
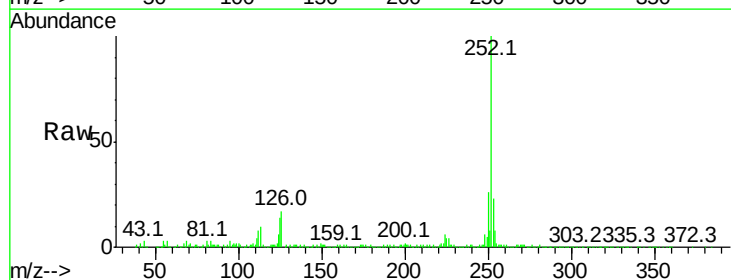
Instrument :
BNA_F
ClientSampleId :

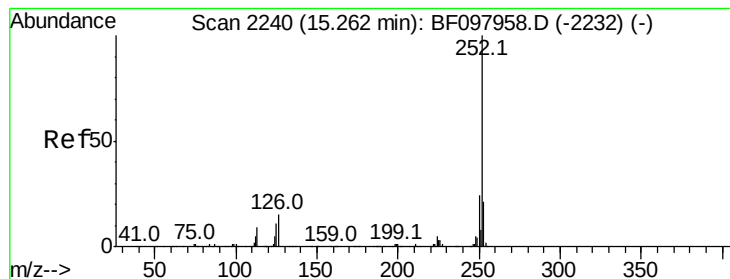
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.9	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 70.852 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.04 min
Lab File: BF098177.D
Acq: 31 Aug 2017 1:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	13.9	13.1	19.7





#89

Benzo(a)pyrene

Concen: 42.121 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampled :

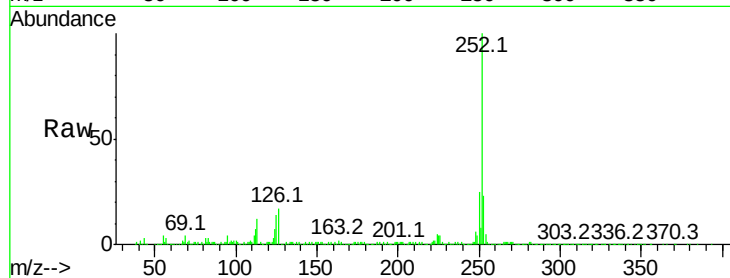
Tot Ion:252 Resp: 411813

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

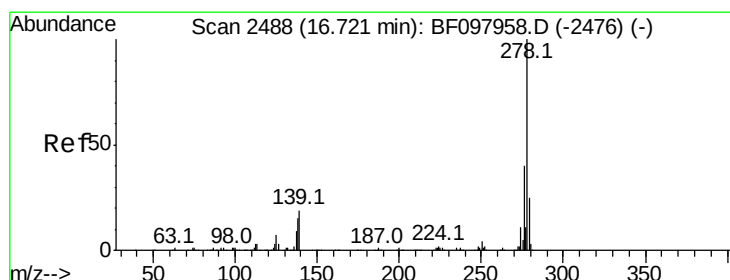
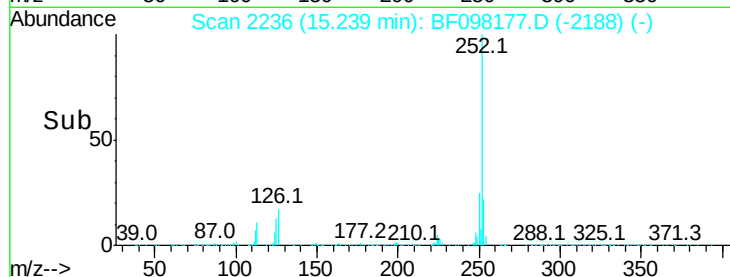
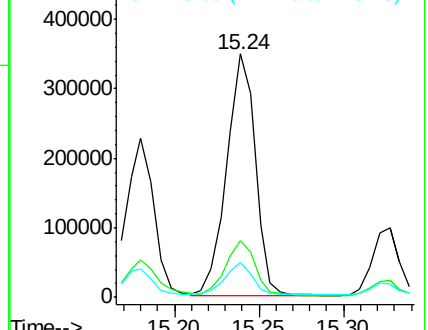
125 14.4 11.0 16.4



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: 7.132 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.03 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

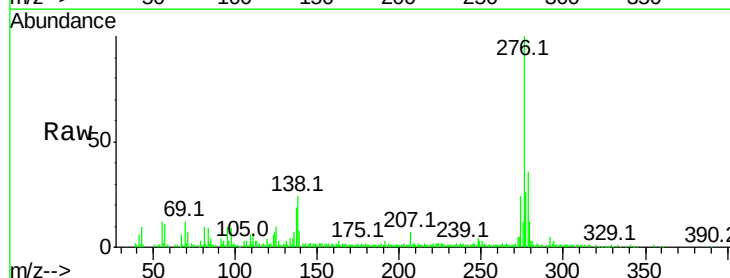
Tgt Ion:278 Resp: 56771

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

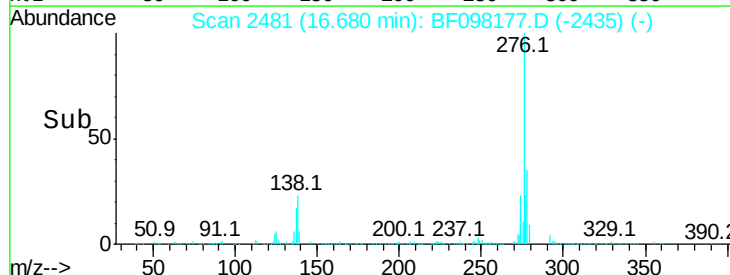
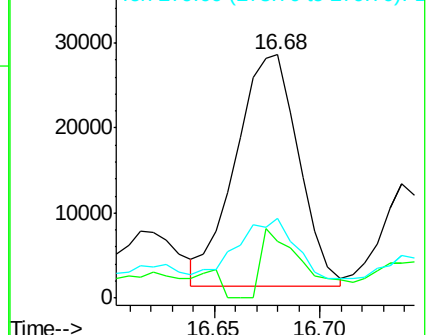
279 32.8 19.3 28.9#

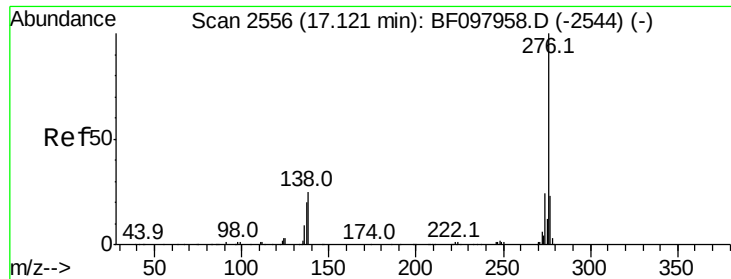


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 23.247 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.02 min

Lab File: BF098177.D

Acq: 31 Aug 2017 1:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 193070

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 25.9 25.4 38.0

