

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF08195.D
 Acq On : 31 Aug 2017 10:44
 Operator : SJ/JU
 Sample : I5024-04DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 12:39:16 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	6.73	152	120784	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	438407	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	166820	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	300022	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	251465	20.00	ng	-0.02
86) Perylene-d12	15.29	264	182737	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	83227	10.48	ng	-0.03
7) Phenol-d6	6.36	99	118755	11.01	ng	-0.03
23) Nitrobenzene-d5	7.29	82	62734	7.77	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	14552	10.05	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	111804	9.85	ng	-0.03
78) Terphenyl-d14	12.82	244	90615	7.51	ng	-0.03

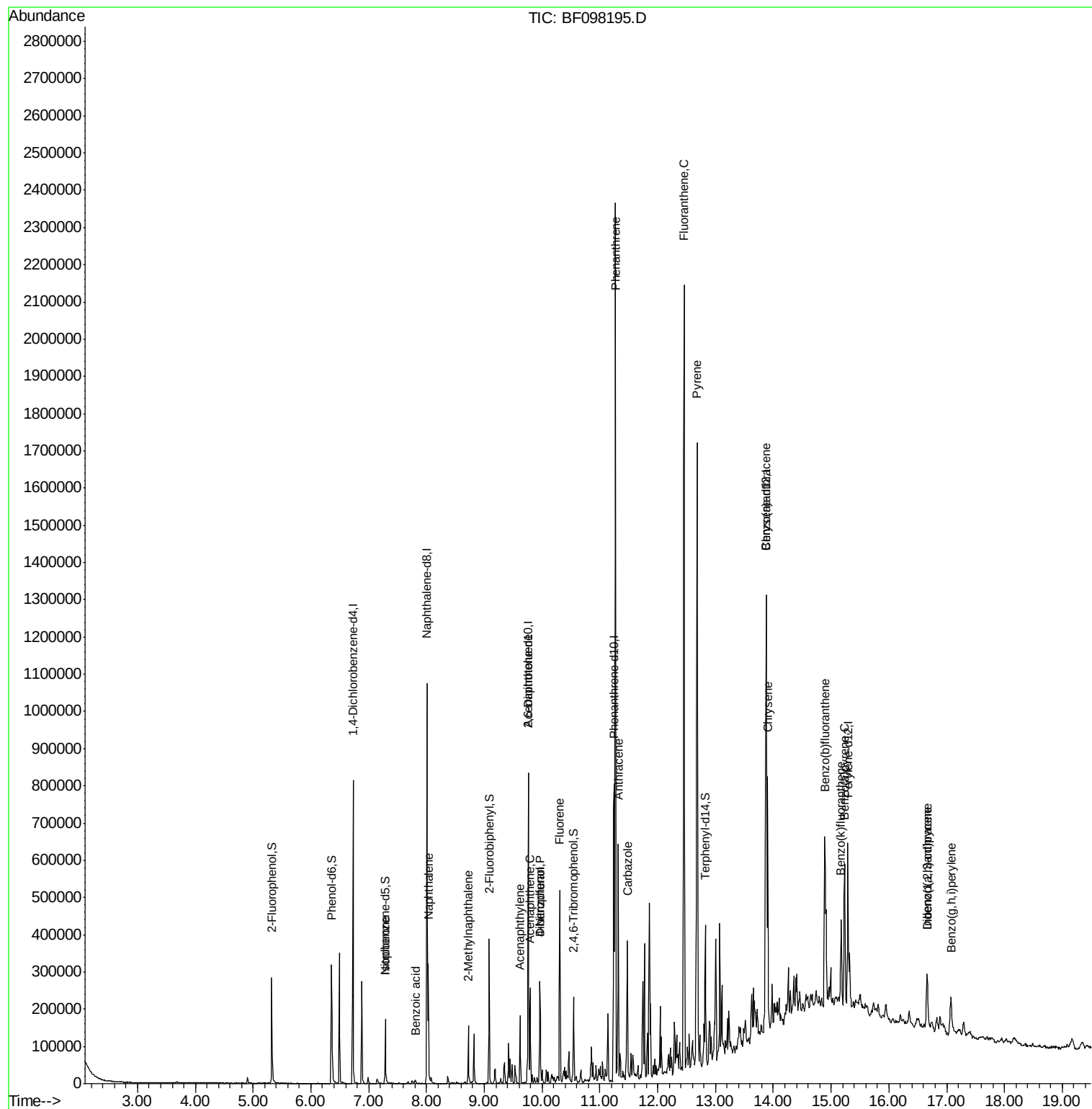
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.29	82	60201	3.588	ng	# 67
31) Naphthalene	8.03	128	135071	5.935	ng	99
32) Benzoic acid	7.81	122	1898	6.727	ng	# 31
37) 2-Methylnaphthalene	8.72	142	41159	2.950	ng	99
48) Acenaphthylene	9.62	152	62096	3.518	ng	99
50) 2,6-Dinitrotoluene	9.76	165	22849	9.387	ng	# 34
51) Acenaphthene	9.79	154	48005	4.312	ng	98
54) Dibenzofuran	9.96	168	85598	5.737	ng	99
55) 4-Nitrophenol	9.96	139	32188	12.849	ng	# 28
57) Fluorene	10.30	166	140288	12.162	ng	98
70) Phenanthrene	11.27	178	817182	51.114	ng	100
71) Anthracene	11.32	178	218061	13.448	ng	97
72) Carbazole	11.47	167	131011	8.512	ng	96
74) Fluoranthene	12.46	202	795095	47.647	ng	99
77) Pyrene	12.68	202	664340	32.301	ng	98
80) Benzo(a)anthracene	13.87	228	294092	19.513	ng	96
82) Chrysene	13.90	228	263464	17.573	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	85812	7.781	ng	# 90
87) Benzo(b)fluoranthene	14.89	252	328742	28.540	ng	99
88) Benzo(k)fluoranthene	15.17	252	100495	9.286	ng	100
89) Benzo(a)pyrene	15.23	252	171943	16.862	ng	99
90) Dibenzo(a,h)anthracene	16.67	278	21337	2.570	ng	# 85
91) Benzo(g,h,i)perylene	17.07	276	75054	8.665	ng	# 90

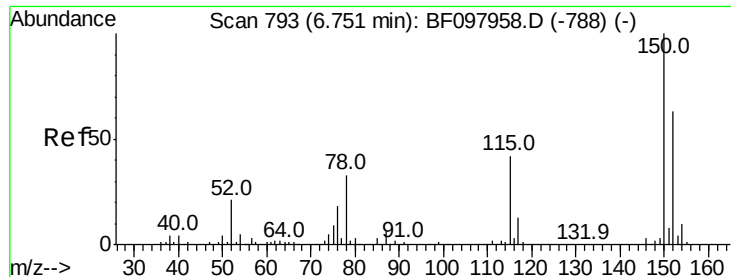
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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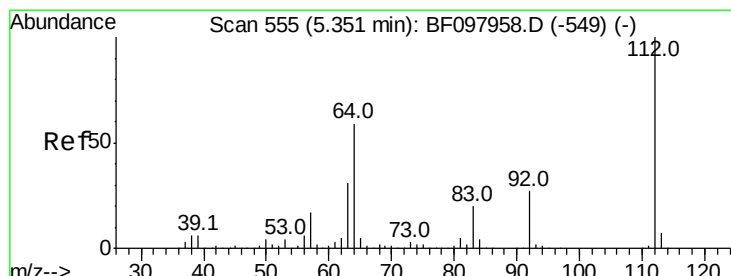
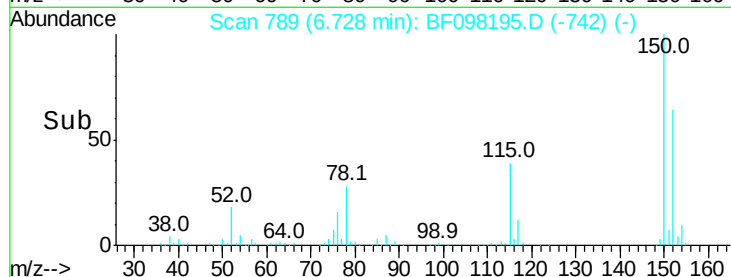
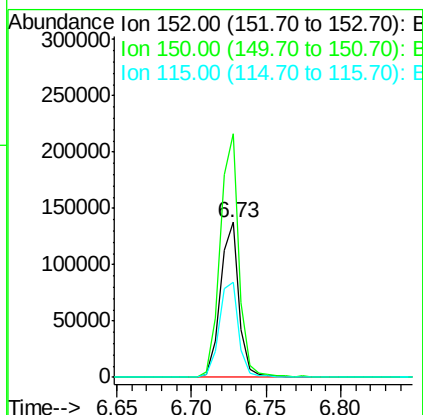
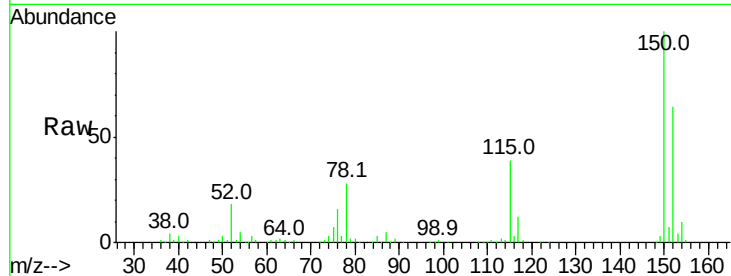


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

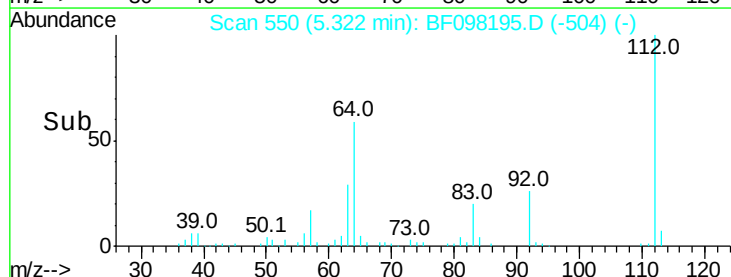
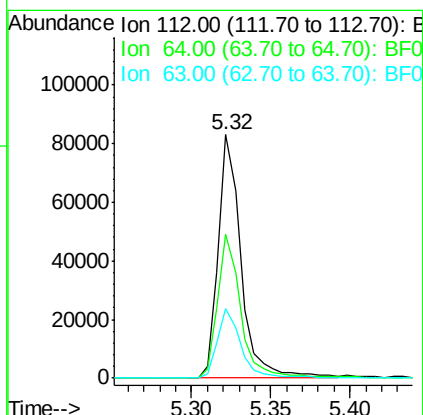
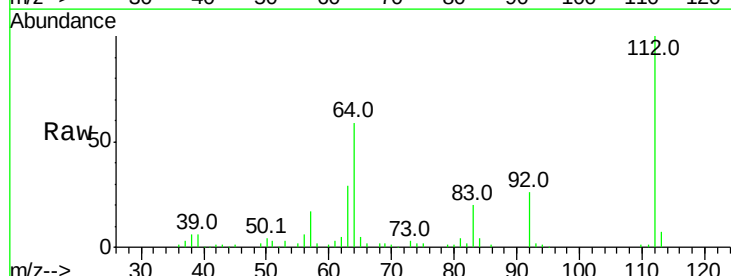
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.5	52.2	78.2

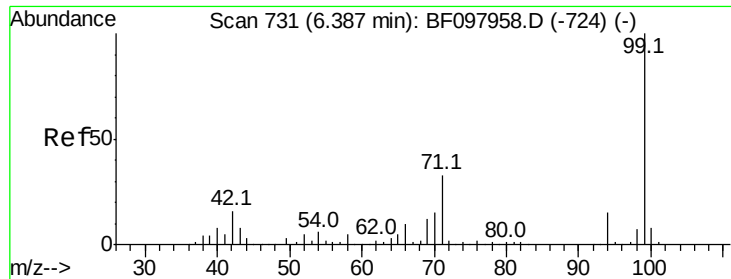


#5

2-Fluorophenol
Concen: 10.481 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	28.7	23.4	35.0





#7

Phenol-d6

Concen: 11.007 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

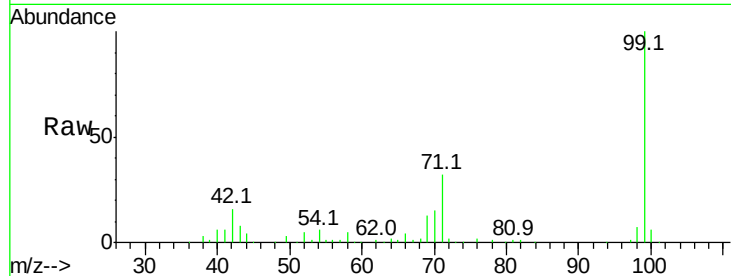
Tot Ion: 99 Resp: 118755

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

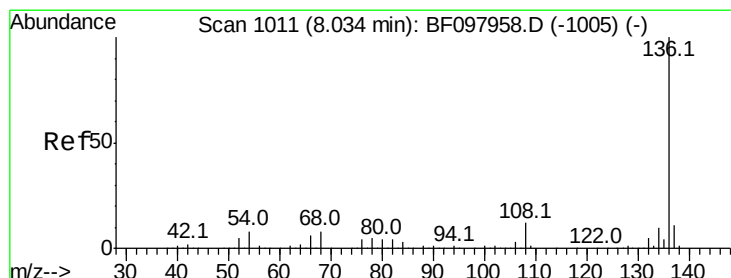
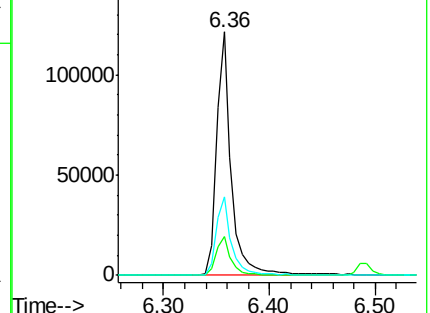
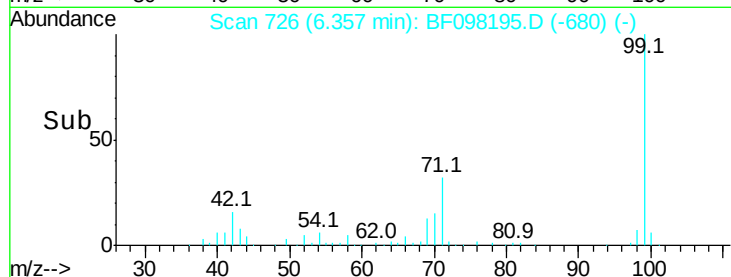
71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Tgt Ion: 136 Resp: 438407

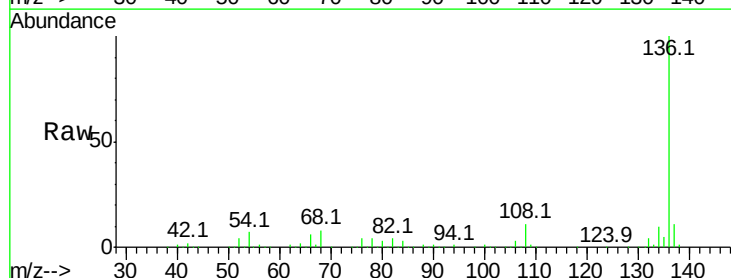
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 7.7 4.1 6.1#

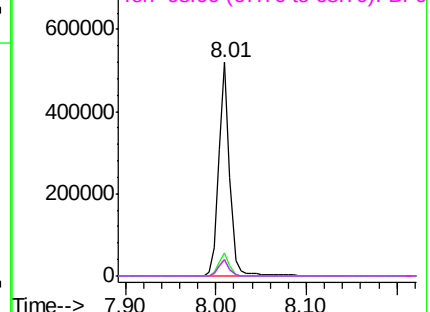
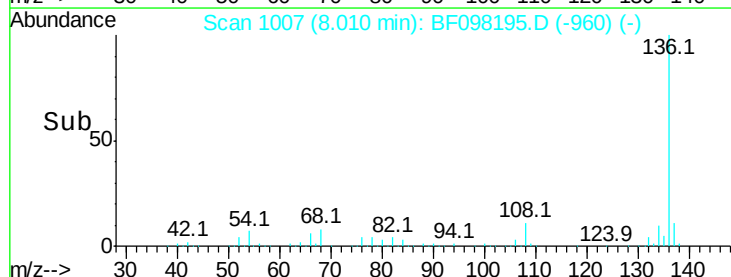


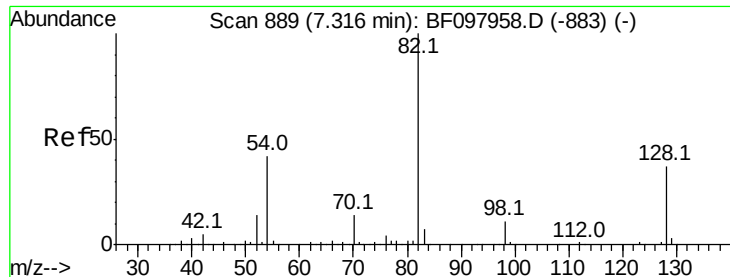
Abundance Ion 136.00 (135.70 to 136.70): E

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

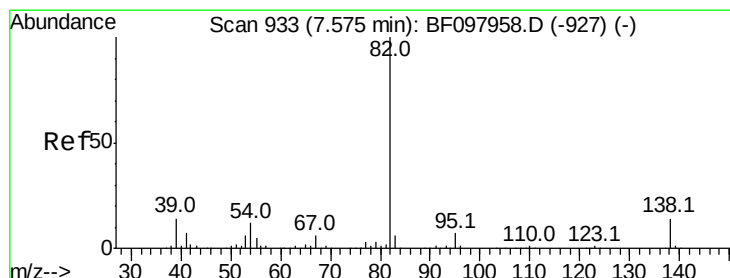
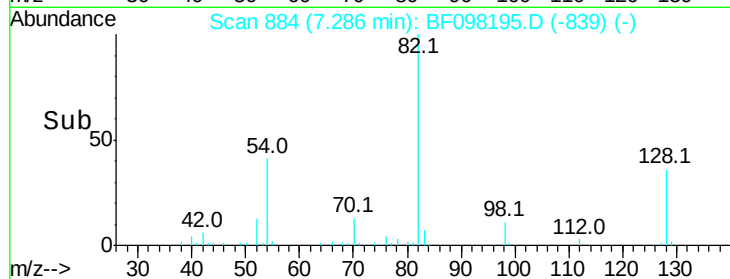
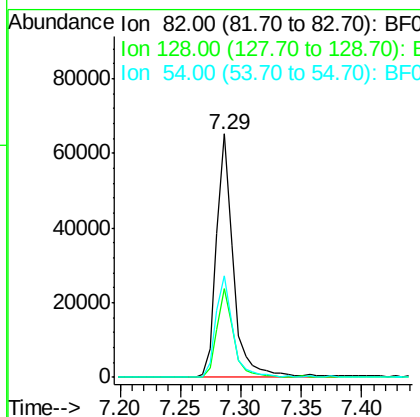
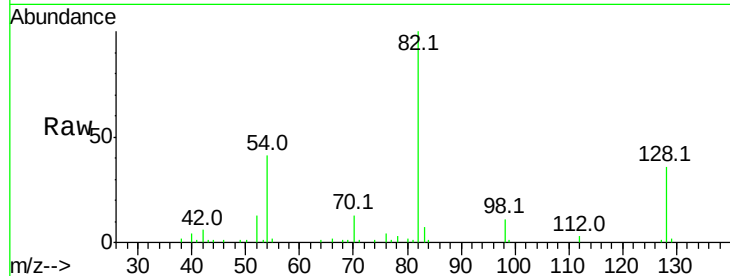




#23
 Nitrobenzene-d5
 Concen: 7.774 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

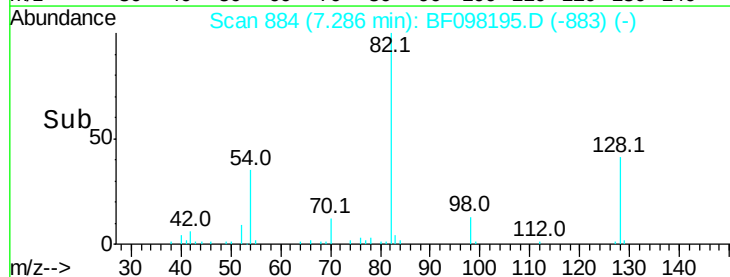
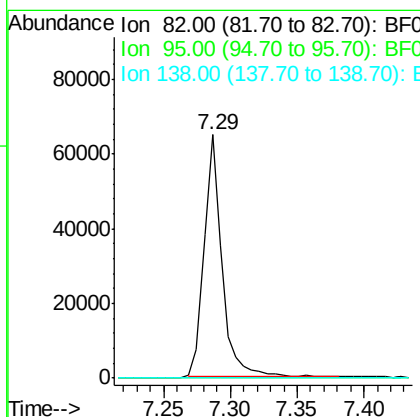
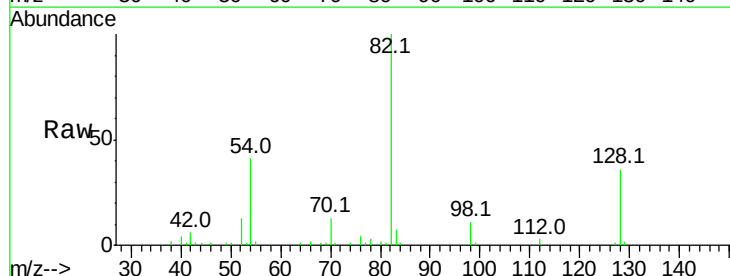
Instrument :
 BNA_F
 ClientSampleId :

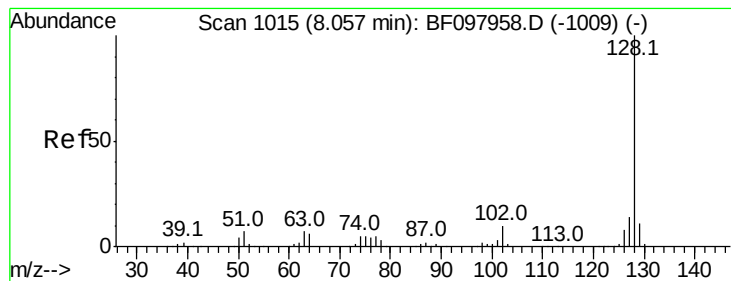
Tot Ion	82	Resp	62734
Ion Ratio	Lower	Upper	
82	100		
128	36.4	34.0	51.0
54	41.5	42.2	63.2#



#25
 Isophorone
 Concen: 3.588 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.29 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

Tgt Ion	82	Resp	60201
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#31

Naphthalene

Concen: 5.935 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

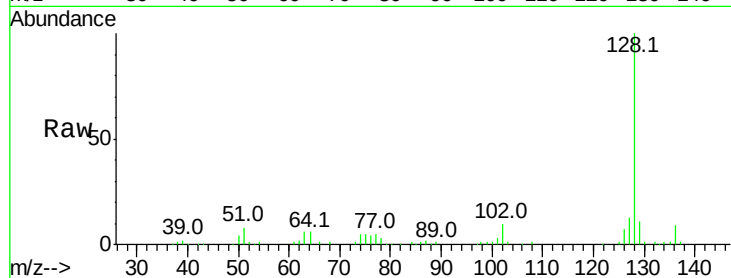
Tot Ion:128 Resp: 135071

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

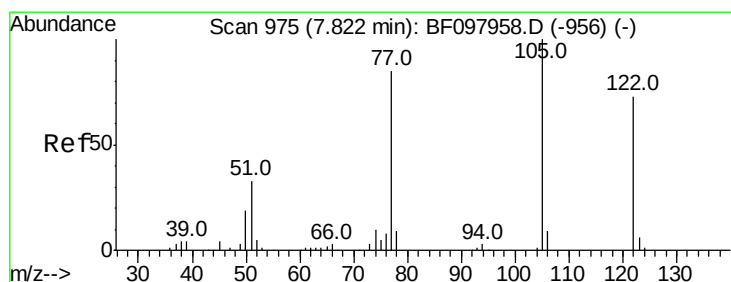
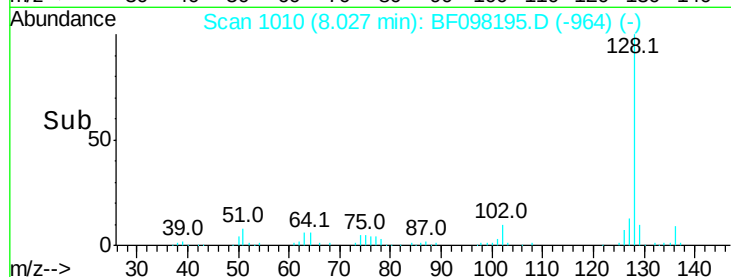
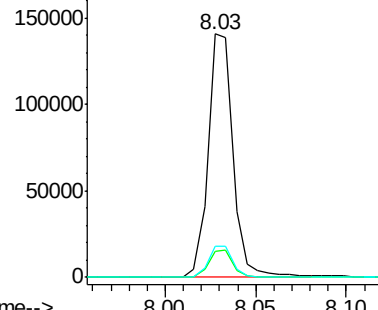
127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.727 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

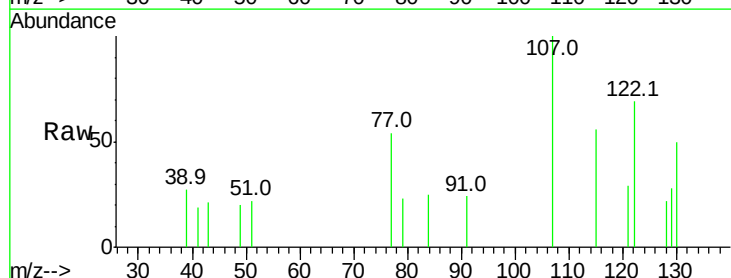
Tgt Ion:122 Resp: 1898

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

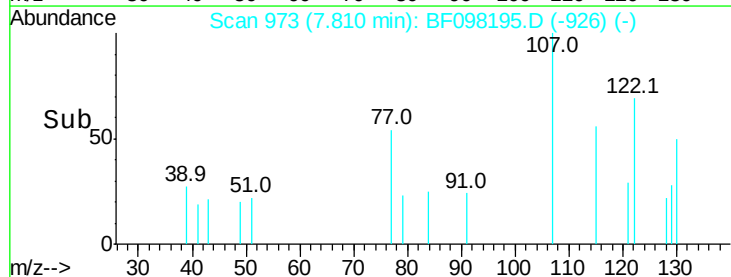
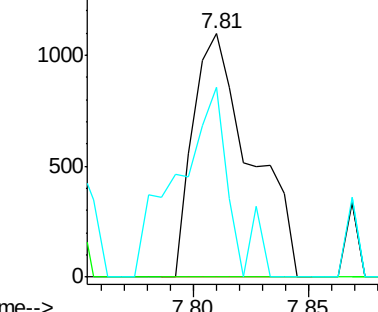
77 77.9 73.7 113.7

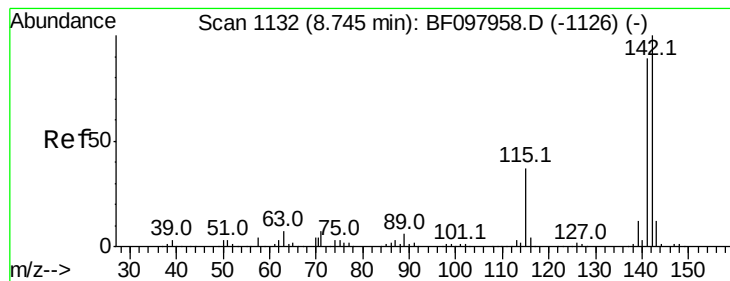


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 2.950 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

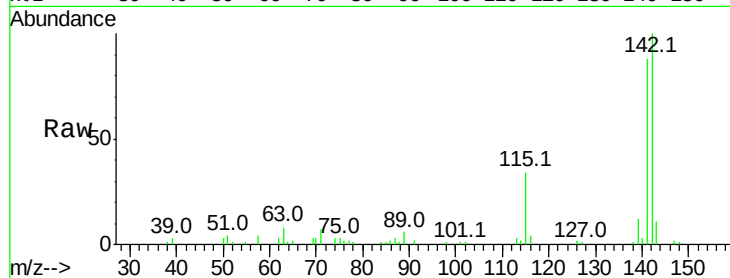
Tot Ion:142 Resp: 41159

Ion Ratio Lower Upper

142 100

141 88.3 71.3 106.9

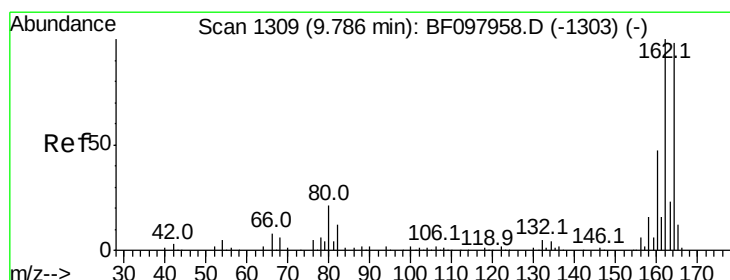
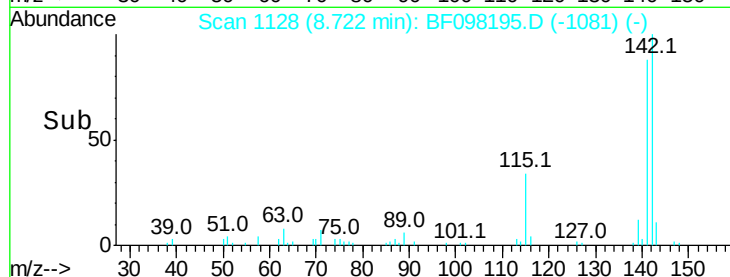
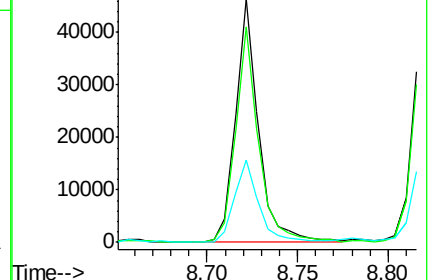
115 33.7 27.1 40.7



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: BF098195.D

Acq: 31 Aug 2017 10:44

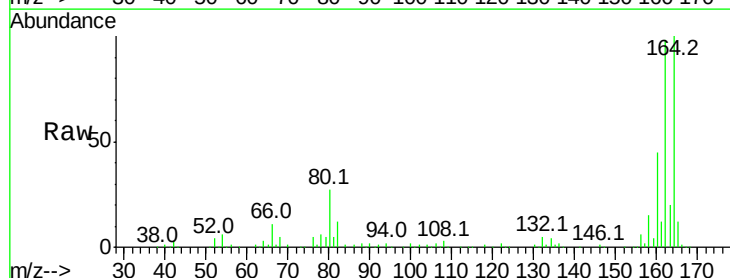
Tgt Ion:164 Resp: 166820

Ion Ratio Lower Upper

164 100

162 97.9 82.6 123.8

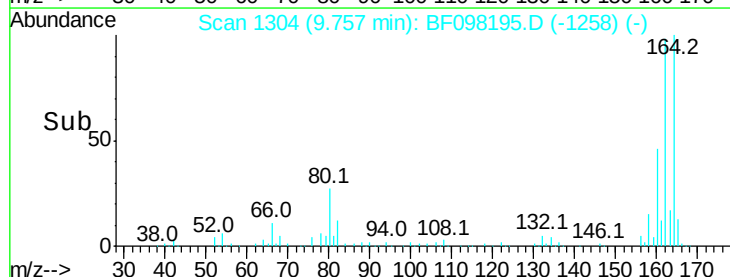
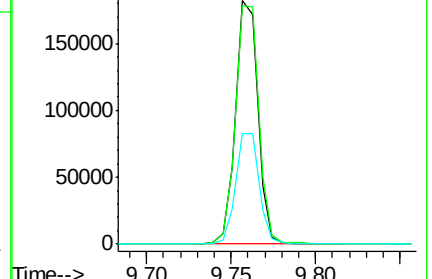
160 45.4 36.2 54.2

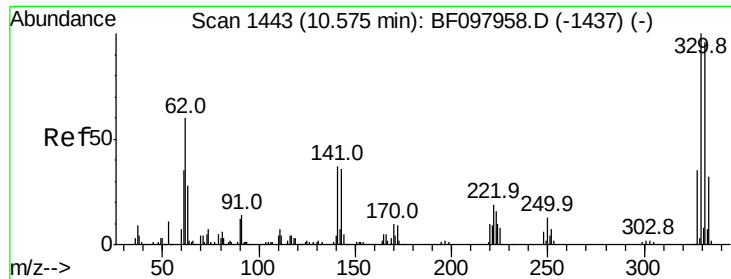


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

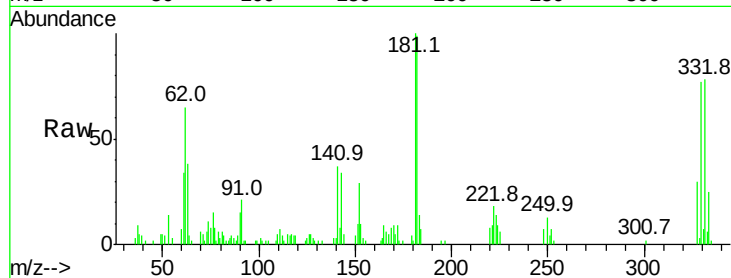




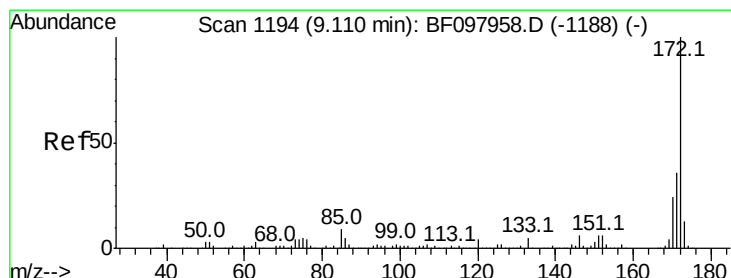
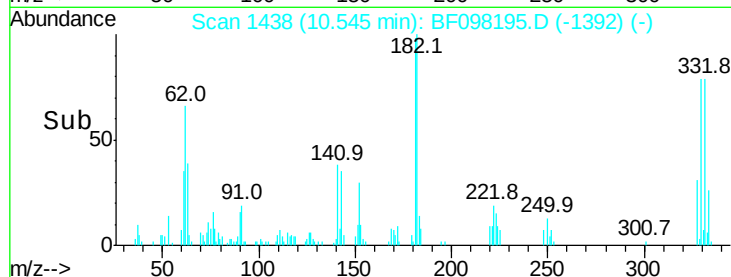
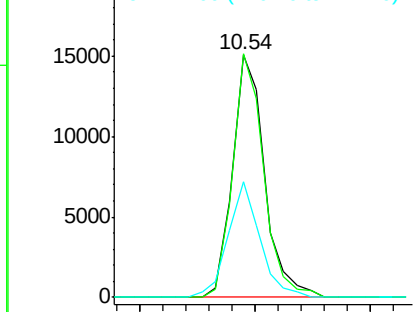
#41
 2,4,6-Tribromophenol
 Concen: 10.054 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 14552
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 47.6 31.4 47.2#

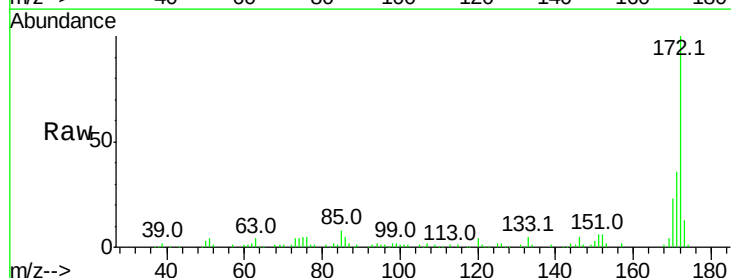


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

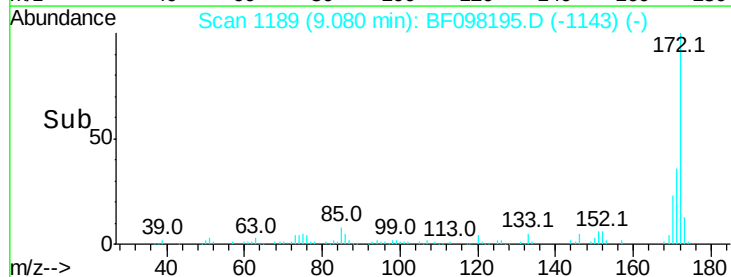
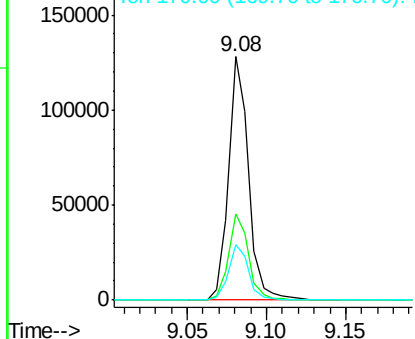


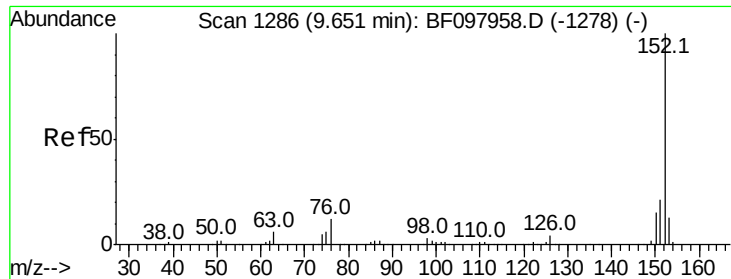
#44
 2-Fluorobiphenyl
 Concen: 9.847 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

Tgt Ion:172 Resp: 111804
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 22.9 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: 3.518 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampled :

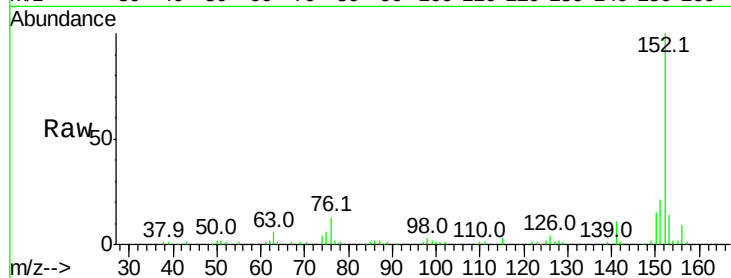
Tot Ion:152 Resp: 62096

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

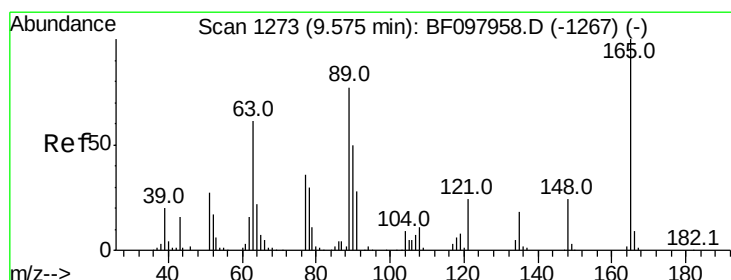
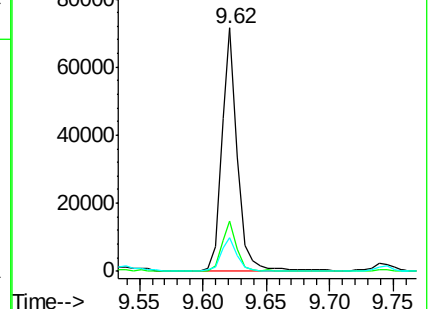
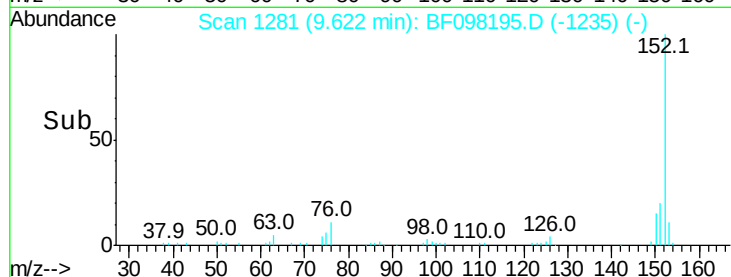
153 14.0 10.8 16.2



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



#50

2,6-Dinitrotoluene

Concen: 9.387 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.18 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

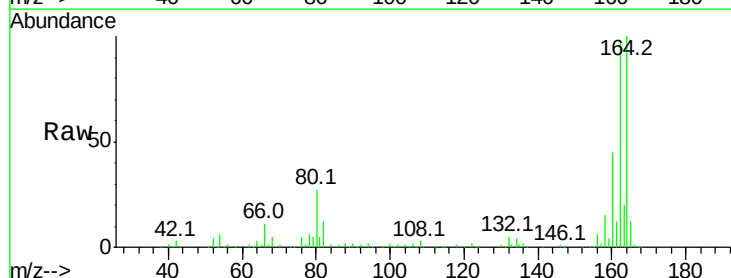
Tgt Ion:165 Resp: 22849

Ion Ratio Lower Upper

165 100

63 1.9 34.3 51.5#

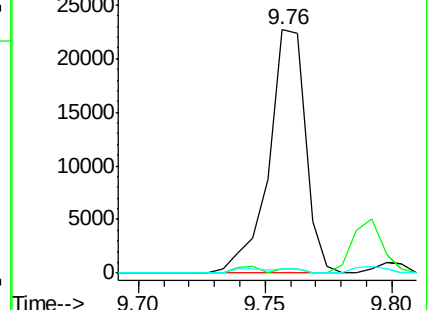
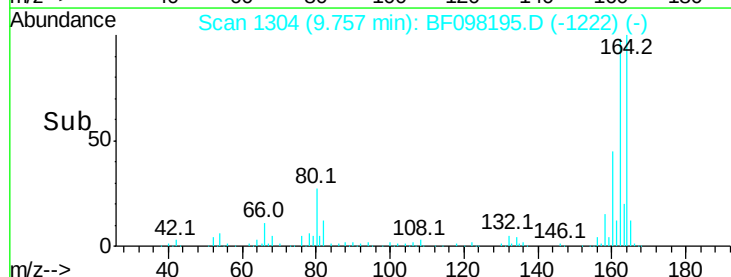
89 1.8 37.1 55.7#

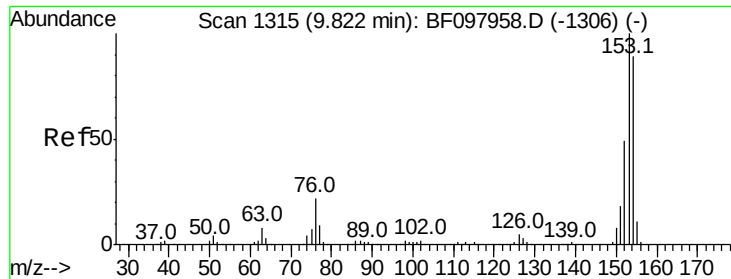


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 4.312 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

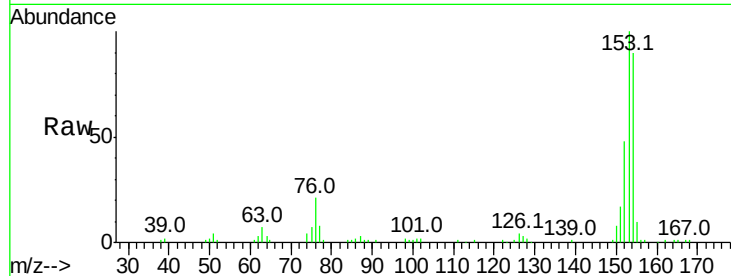
Tot Ion:154 Resp: 48005

Ion Ratio Lower Upper

154 100

153 111.4 90.5 135.7

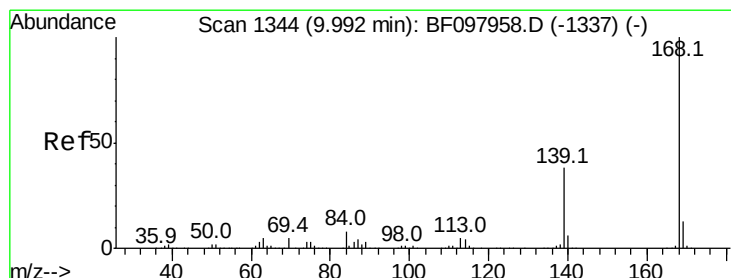
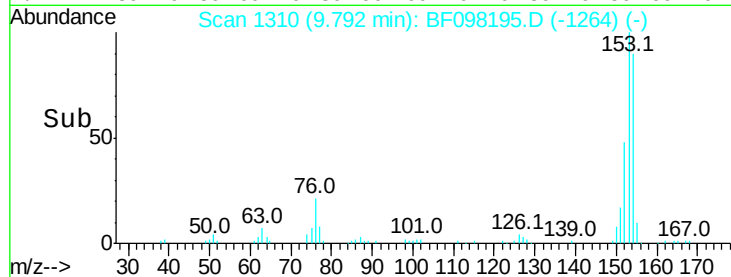
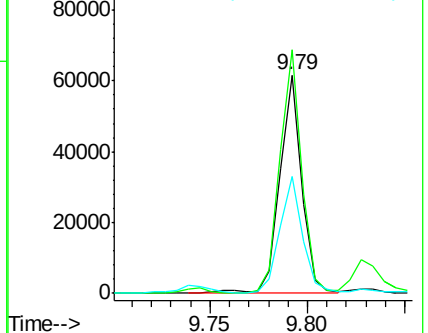
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 5.737 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

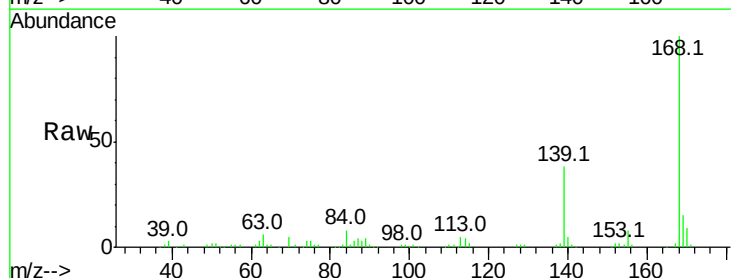
Tgt Ion:168 Resp: 85598

Ion Ratio Lower Upper

168 100

139 38.2 30.6 45.8

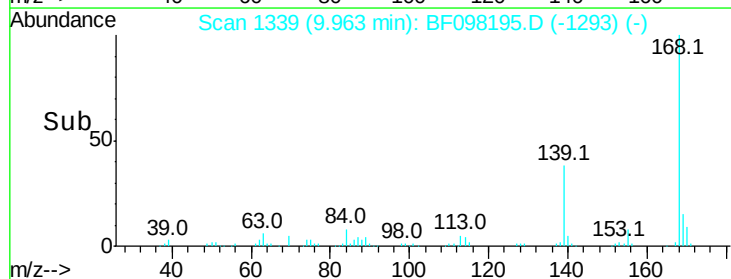
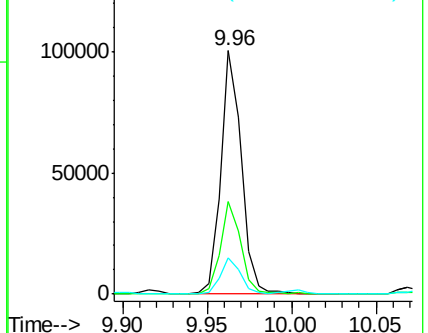
169 14.8 10.8 16.2

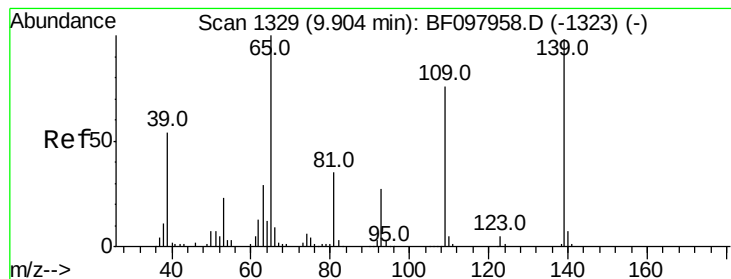


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 12.849 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.06 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

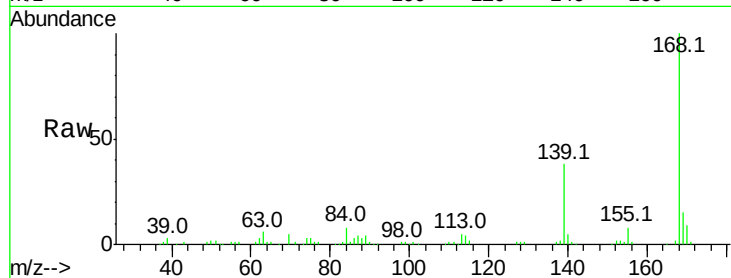
Tot Ion:139 Resp: 32188

Ion Ratio Lower Upper

139 100

109 1.0 34.1 74.1#

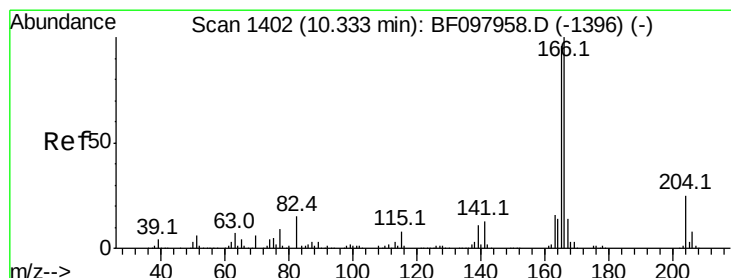
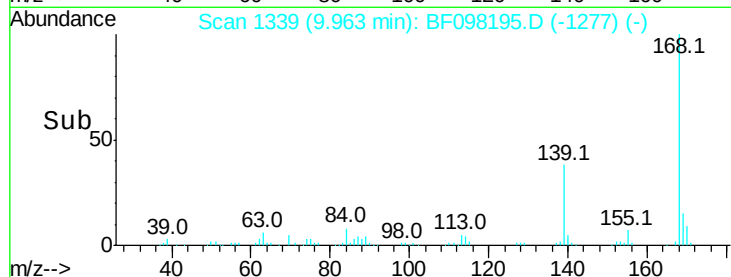
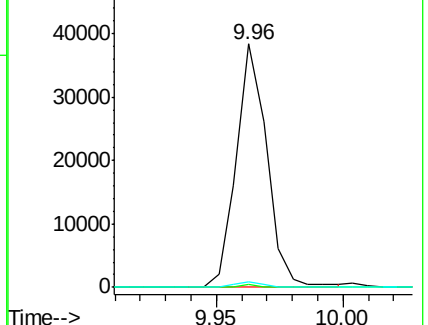
65 2.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#57

Fluorene

Concen: 12.162 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

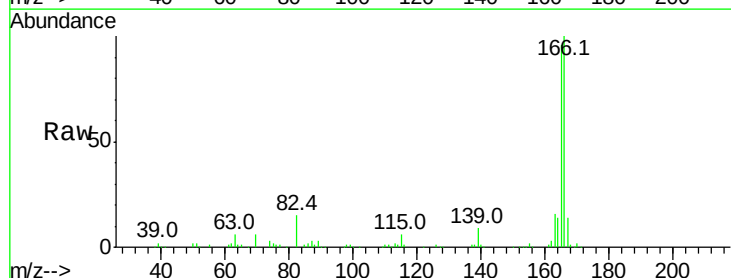
Tgt Ion:166 Resp: 140288

Ion Ratio Lower Upper

166 100

165 96.4 78.8 118.2

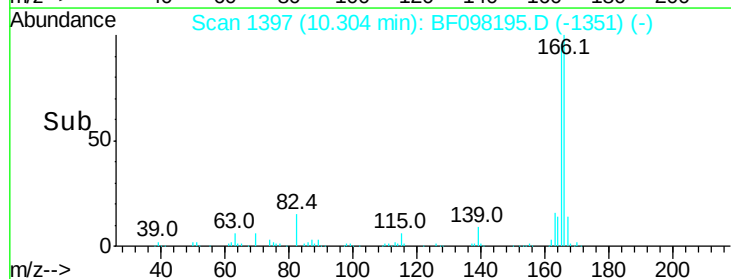
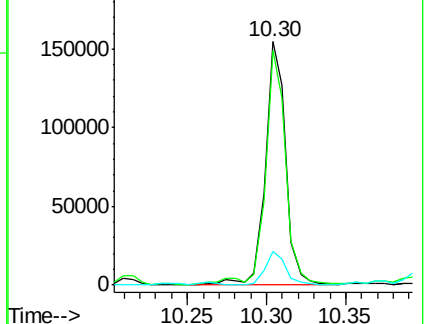
167 13.6 10.6 16.0

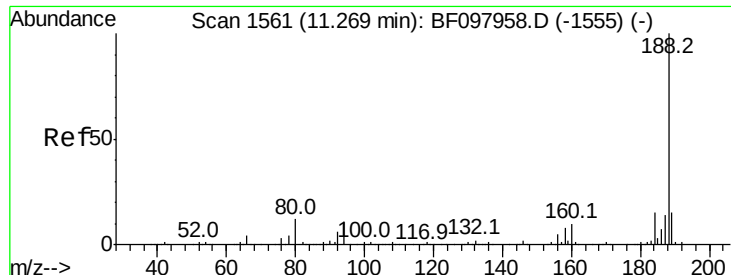


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

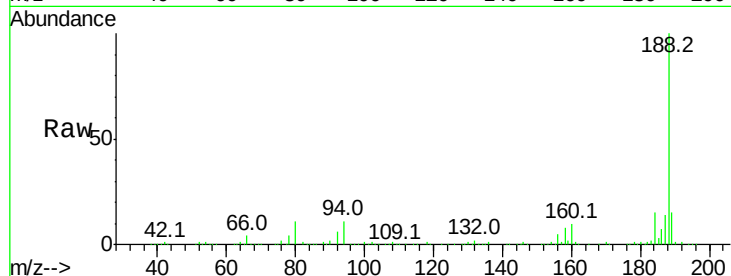




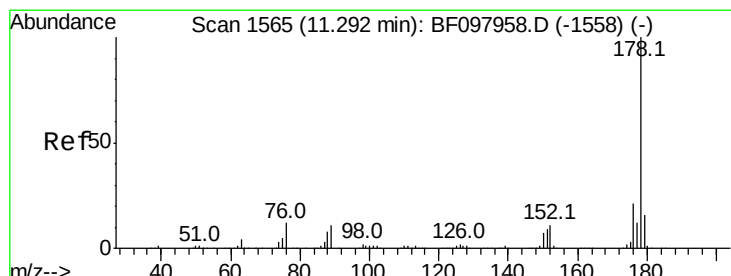
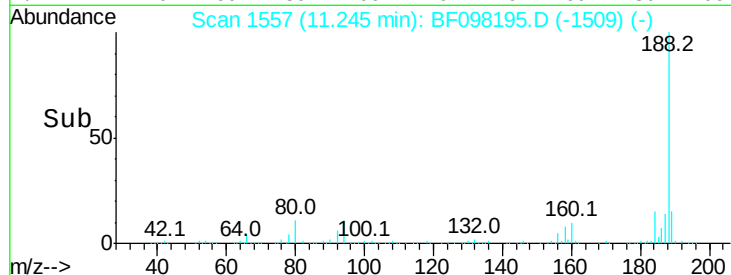
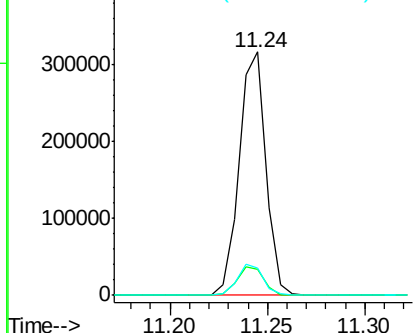
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 300022
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.0 10.2 15.2

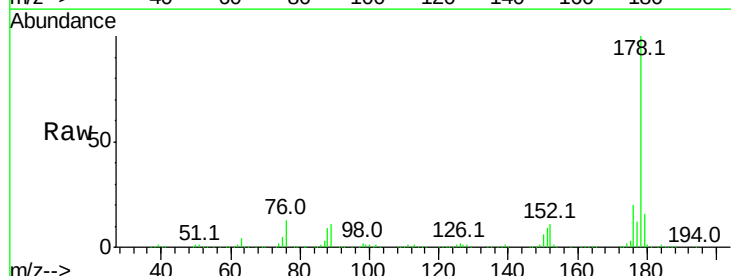


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

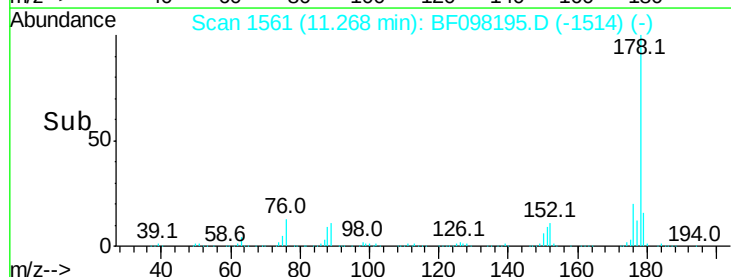
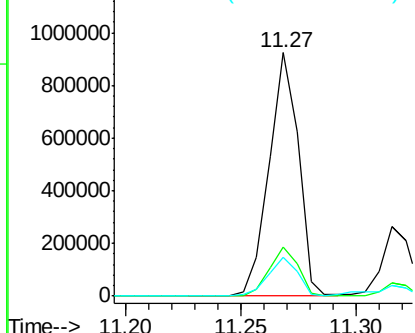


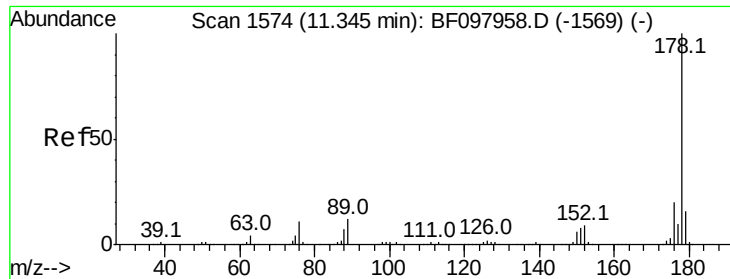
#70
Phenanthrene
Concen: 51.114 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF098195.D
Acq: 31 Aug 2017 10:44

Tgt Ion:178 Resp: 817182
Ion Ratio Lower Upper
178 100
176 20.3 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: 13.448 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

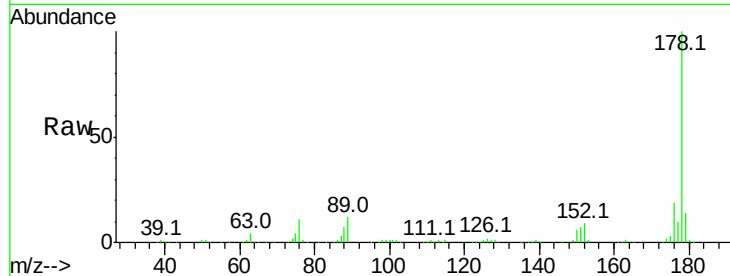
Tot Ion:178 Resp: 218061

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

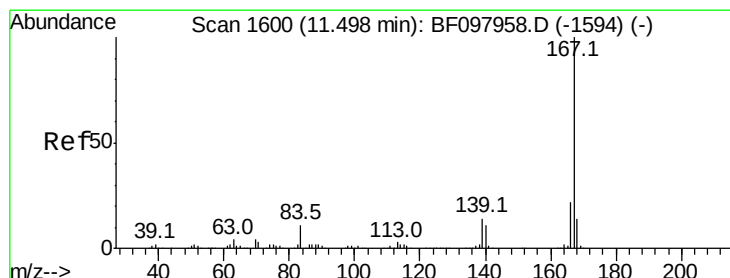
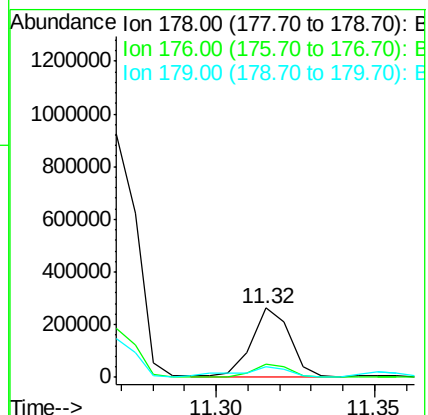
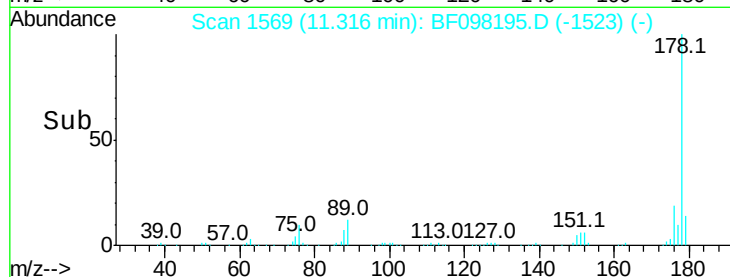
179 14.4 12.7 19.1



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: 8.512 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

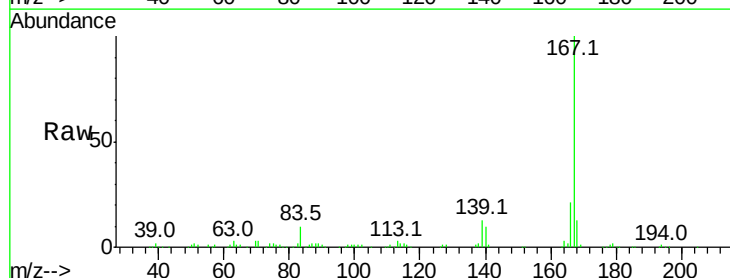
Tgt Ion:167 Resp: 131011

Ion Ratio Lower Upper

167 100

166 21.3 18.1 27.1

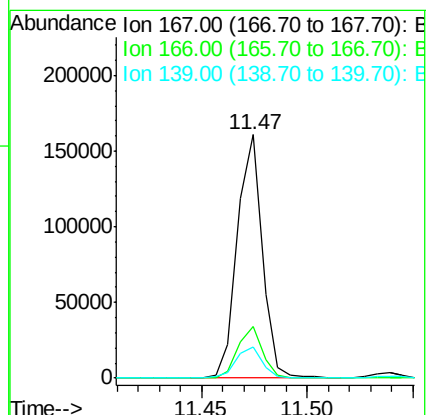
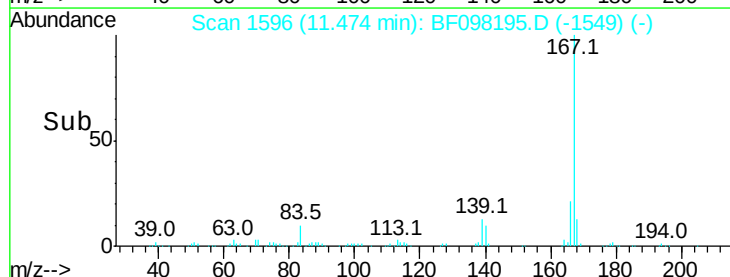
139 12.6 11.7 17.5

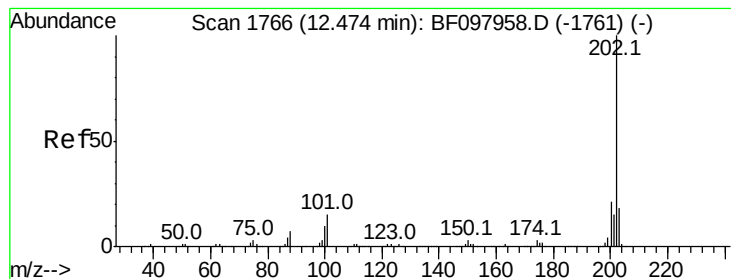


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 47.647 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampled :

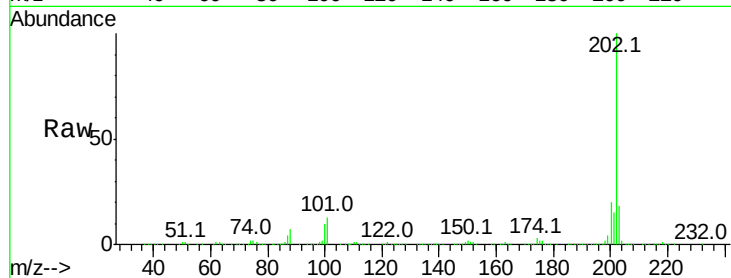
Tot Ion:202 Resp: 795095

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

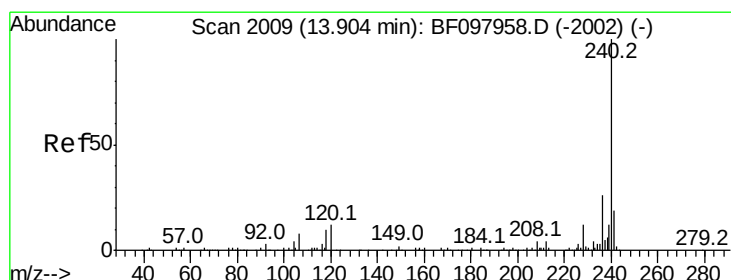
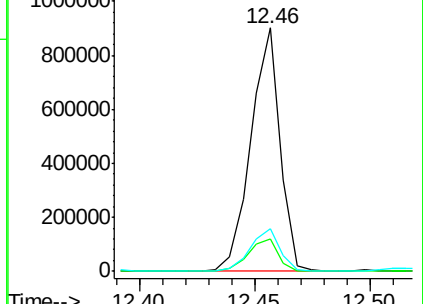
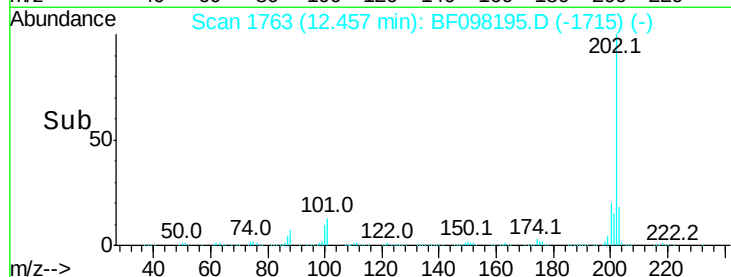
203 17.7 0.0 38.1



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: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

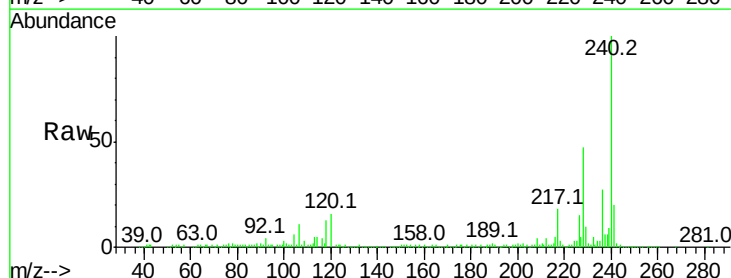
Tgt Ion:240 Resp: 251465

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

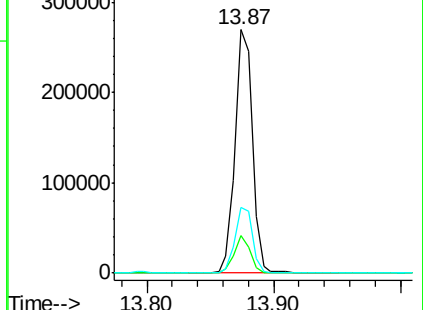
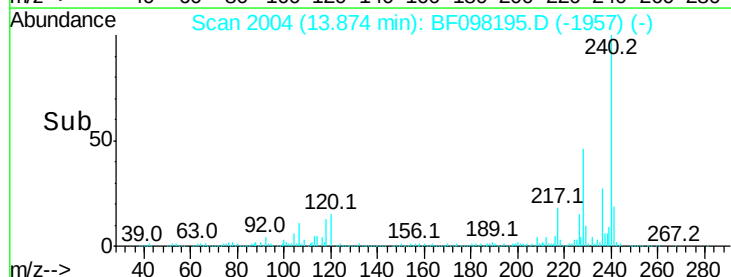
236 26.7 20.5 30.7

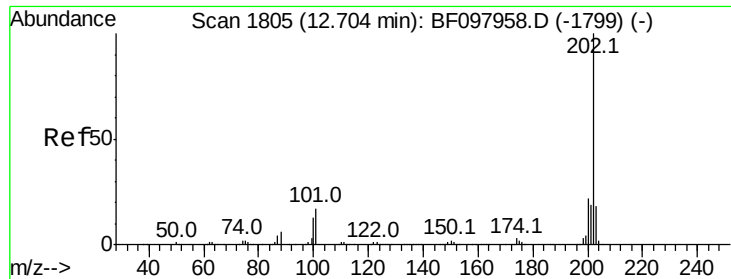


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 32.301 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampled :

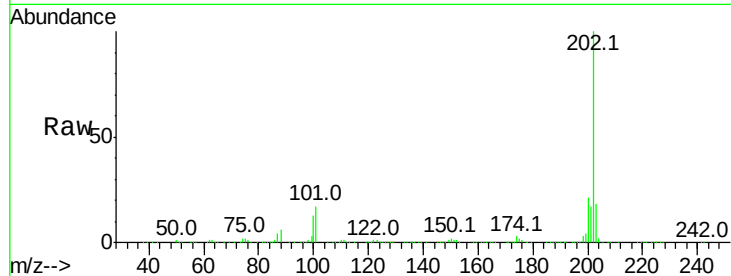
Tot Ion:202 Resp: 664340

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

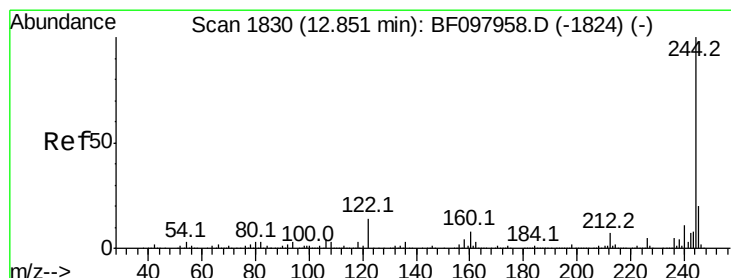
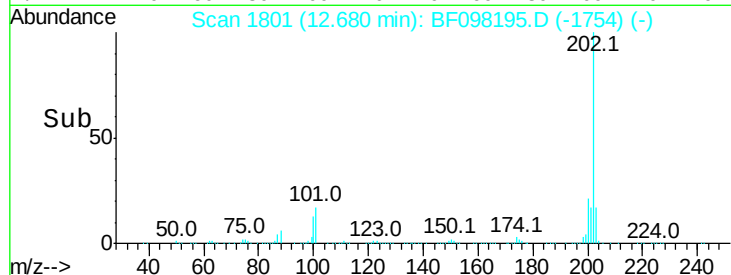
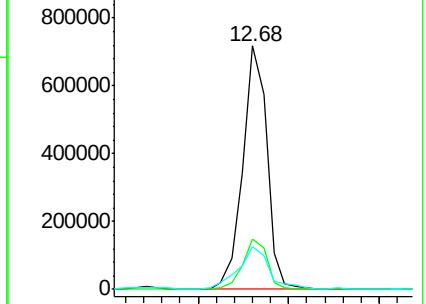
203 17.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 7.514 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

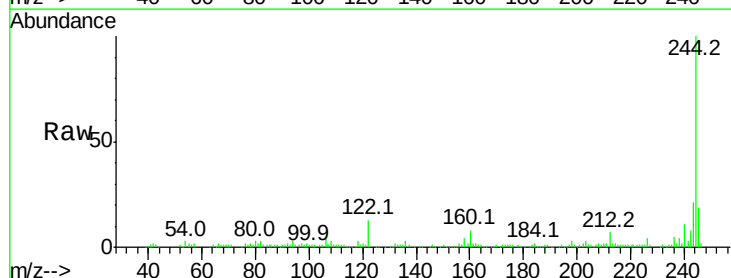
Tgt Ion:244 Resp: 90615

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

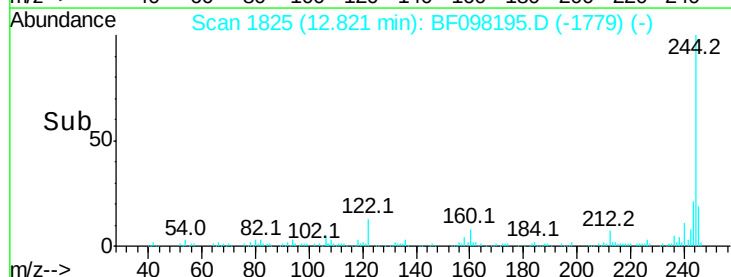
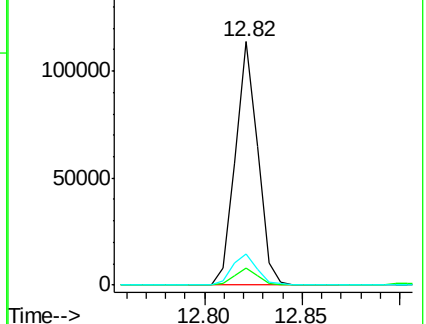
122 12.9 10.3 15.5

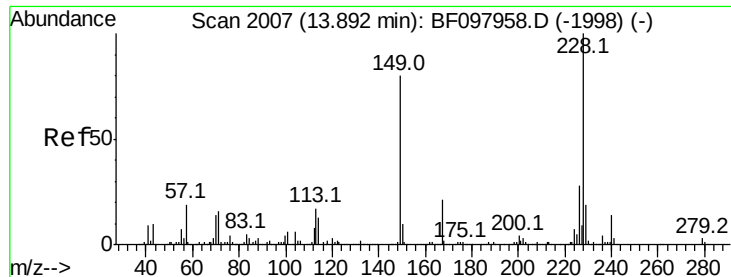


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

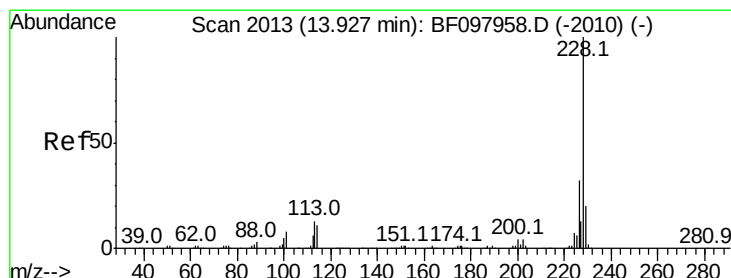
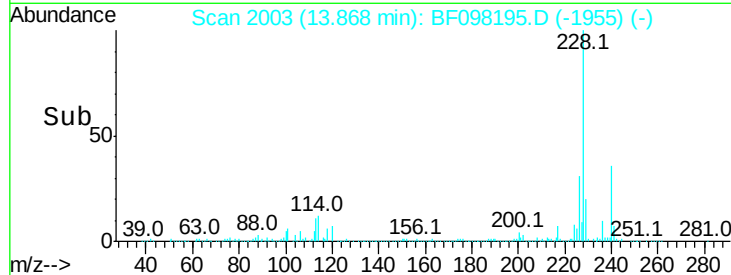
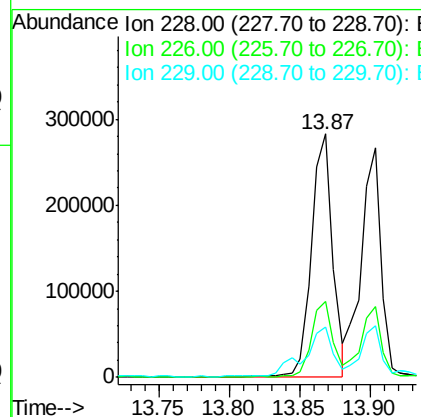
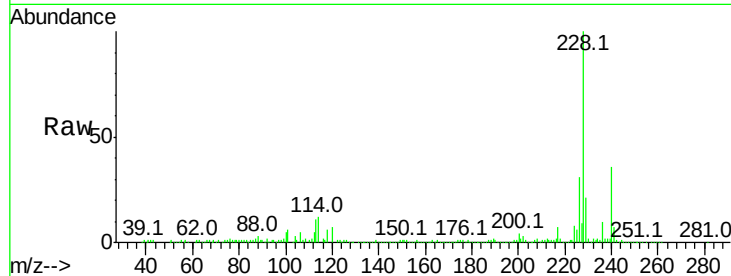




#80
 Benzo(a)anthracene
 Concen: 19.513 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

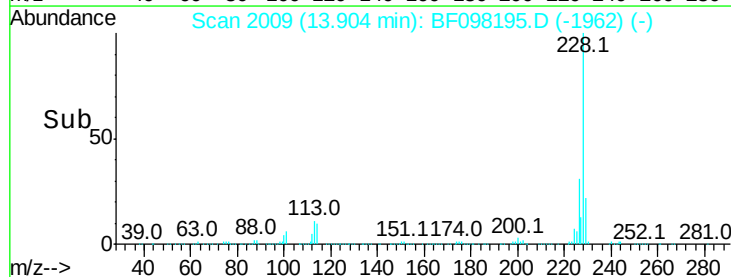
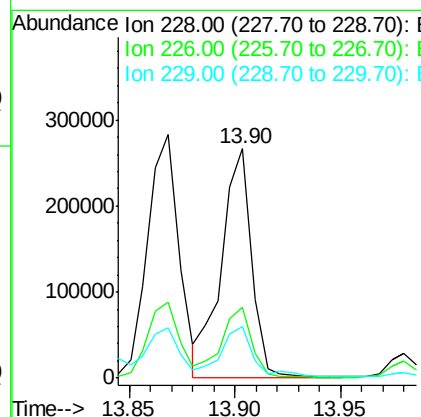
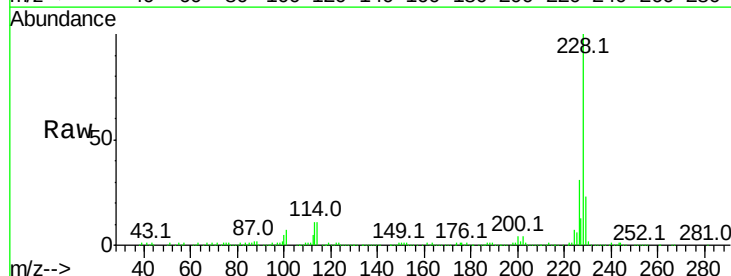
Instrument :
 BNA_F
 ClientSampleId :

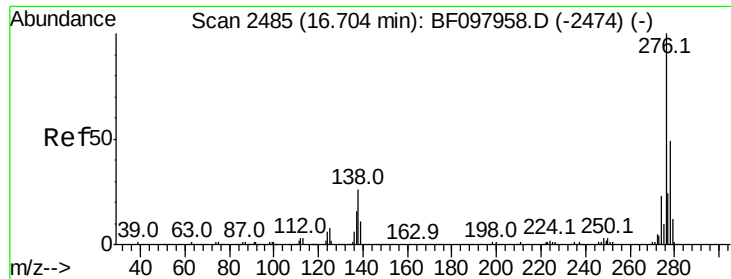
Tot Ion:228	Resp:	294092
Ion Ratio	Lower	Upper
228	100	
226	31.3	22.6 33.8
229	20.8	16.3 24.5



#82
 Chrysene
 Concen: 17.573 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

Tgt Ion:228	Resp:	263464
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.9 37.3
229	22.6	15.8 23.6

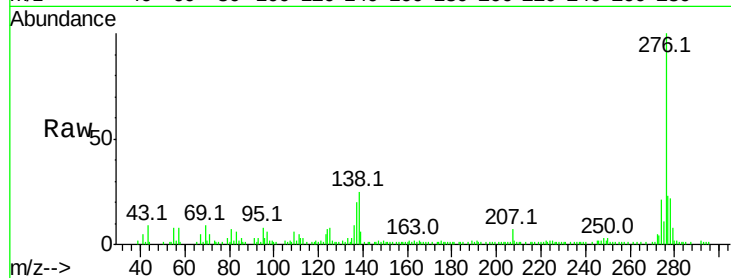




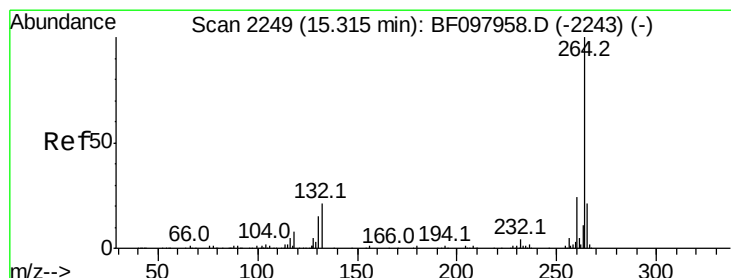
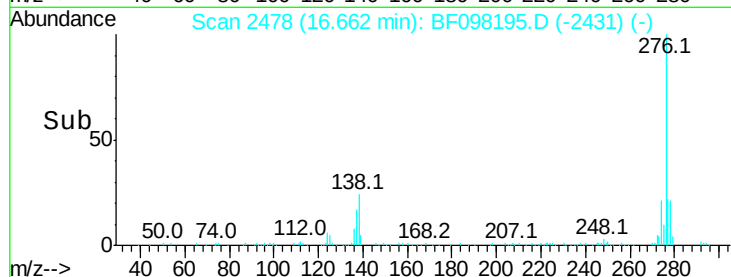
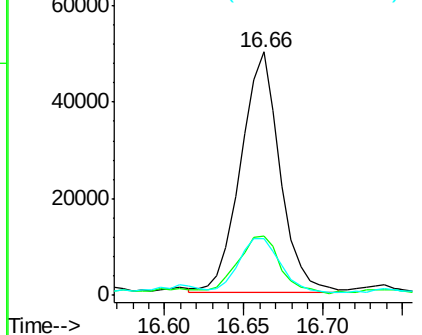
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.781 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 85812
 Ion Ratio Lower Upper
 276 100
 138 25.8 27.8 41.6#
 277 23.8 20.2 30.4

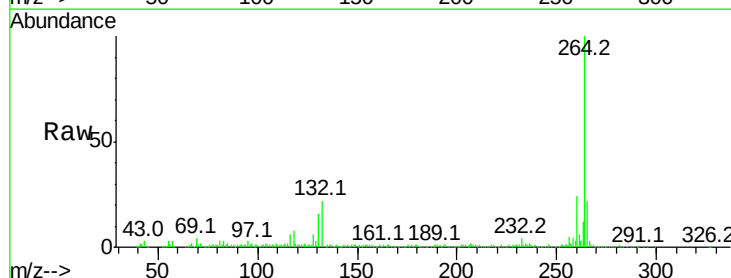


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

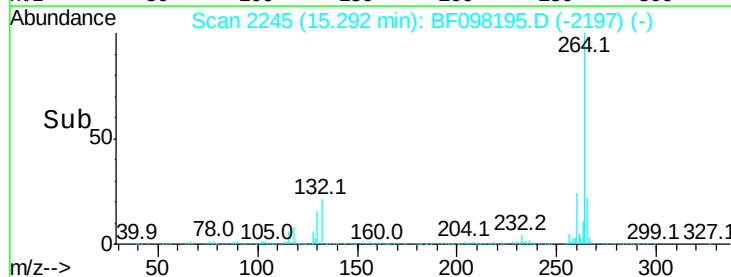
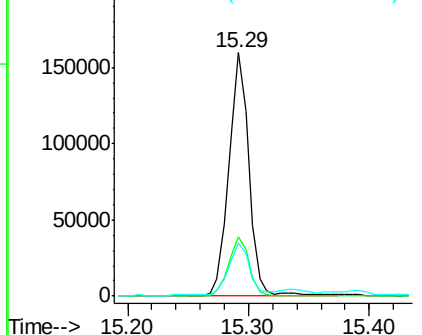


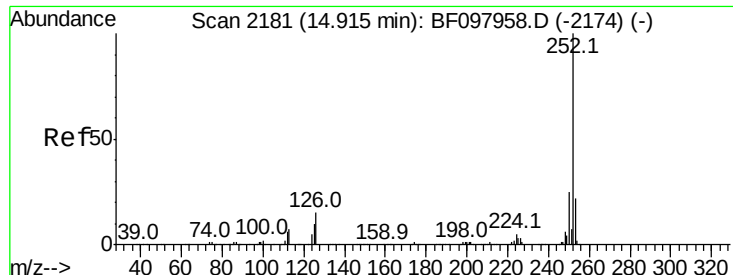
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BF098195.D
 Acq: 31 Aug 2017 10:44

Tgt Ion:264 Resp: 182737
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.0 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: 28.540 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

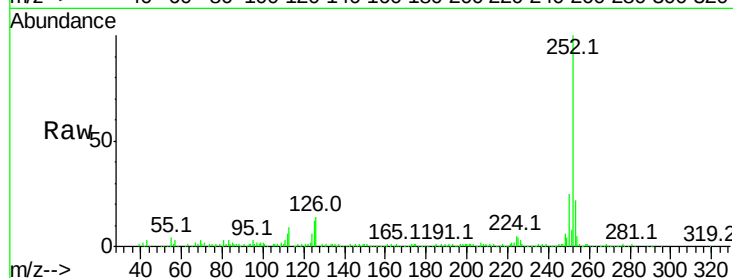
Tot Ion:252 Resp: 328742

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

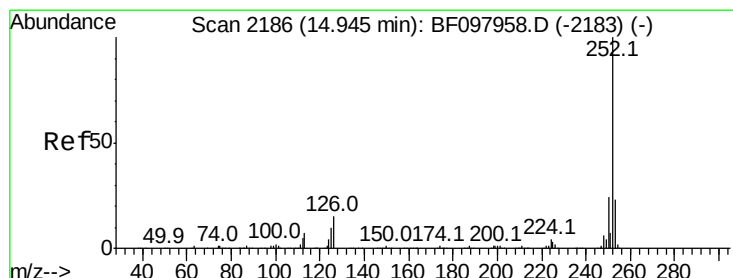
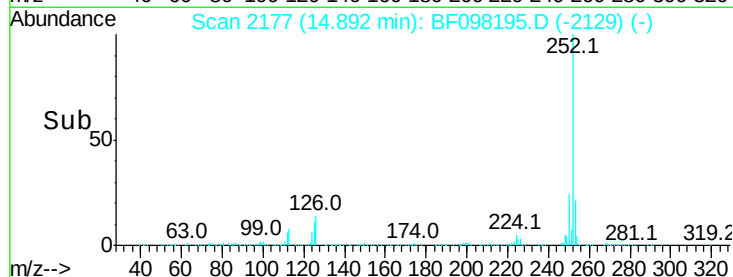
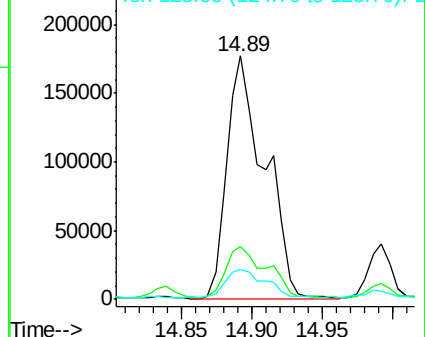
125 12.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 9.286 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.24 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

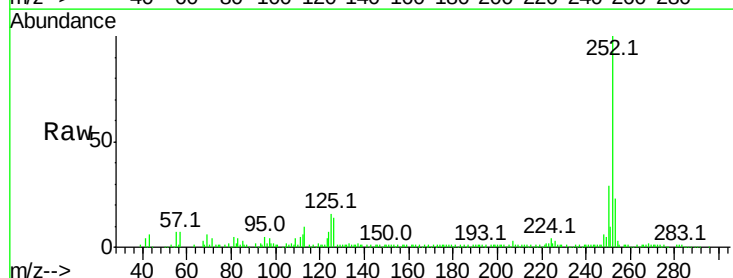
Tgt Ion:252 Resp: 100495

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

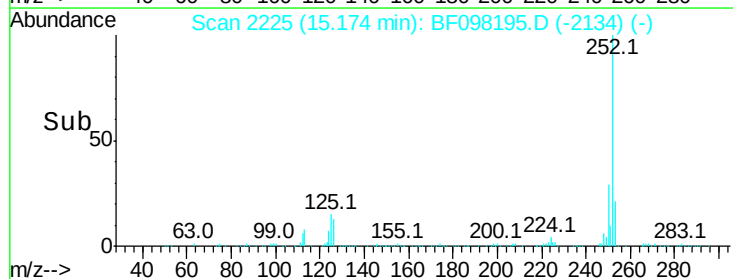
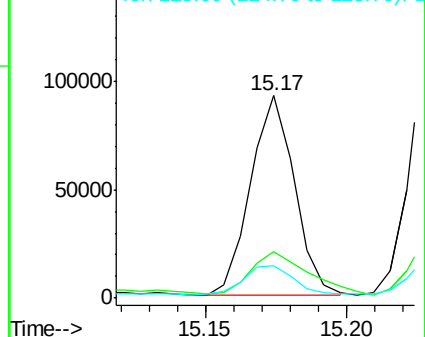
125 16.2 13.1 19.7

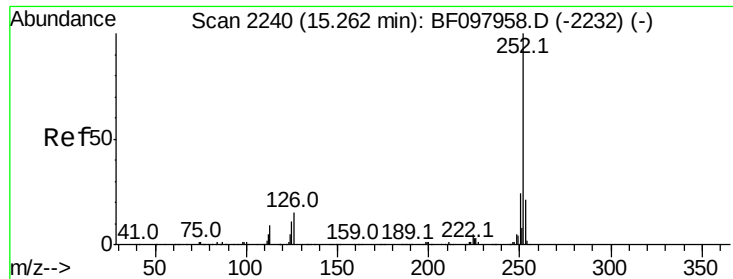


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 16.862 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

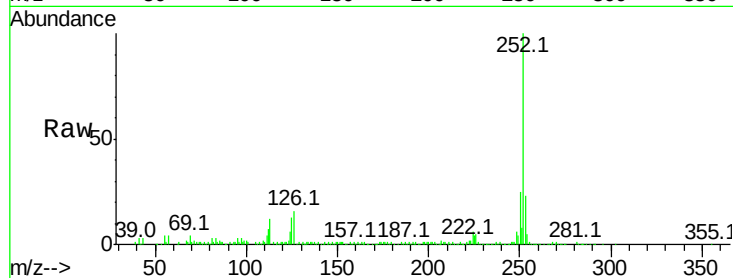
Tot Ion:252 Resp: 171943

Ion Ratio Lower Upper

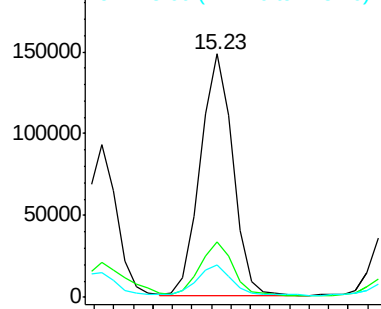
252 100

253 22.5 17.5 26.3

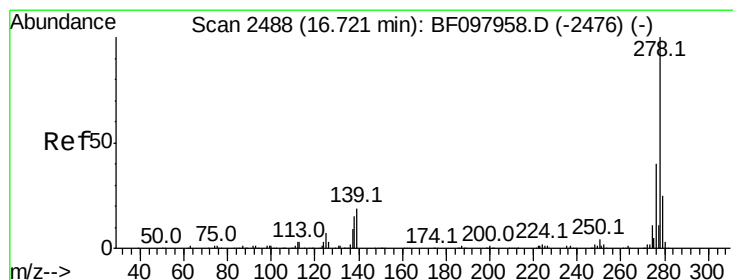
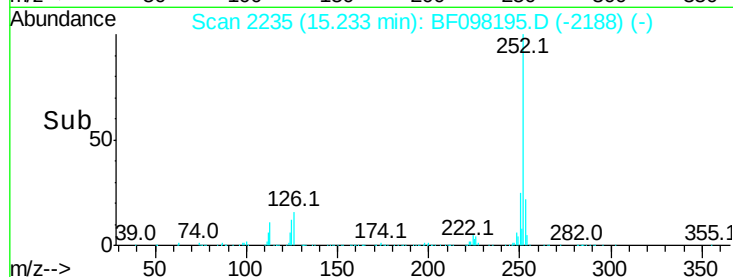
125 13.2 11.0 16.4



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 2.570 ng

RT: 16.67 min Scan# 2479

Delta R.T. -0.04 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

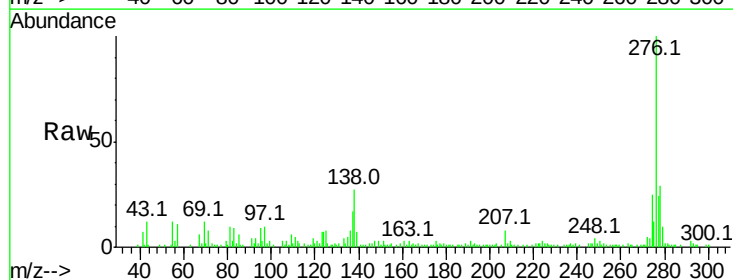
Tgt Ion:278 Resp: 21337

Ion Ratio Lower Upper

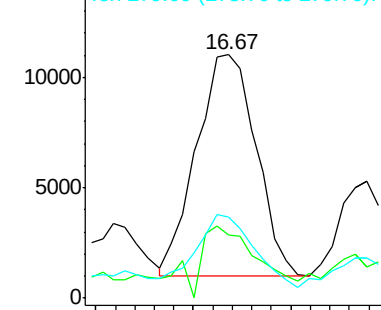
278 100

139 25.8 16.6 24.8#

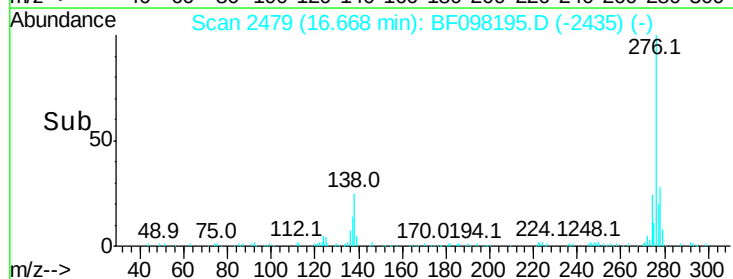
279 33.5 19.3 28.9#

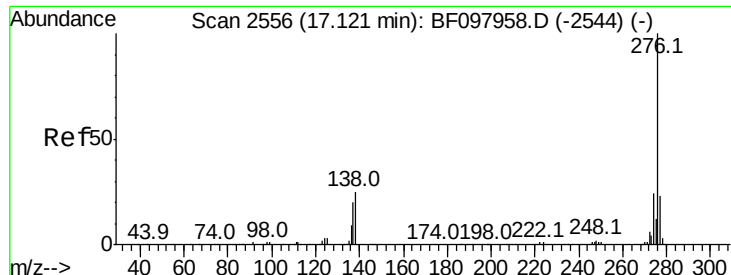


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 8.665 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.04 min

Lab File: BF098195.D

Acq: 31 Aug 2017 10:44

Instrument :

BNA_F

ClientSampleId :

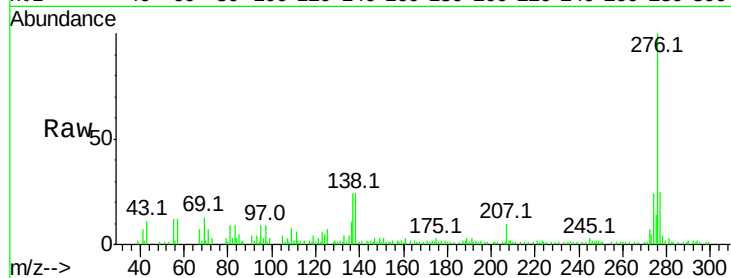
Tot Ion: 276 Resp: 75054

Ion Ratio Lower Upper

276 100

277 25.4 18.6 28.0

138 24.3 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

