

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095865.D
 Acq On : 11 Jun 2017 00:29
 Operator : SJ/MA
 Sample : I3594-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:54:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

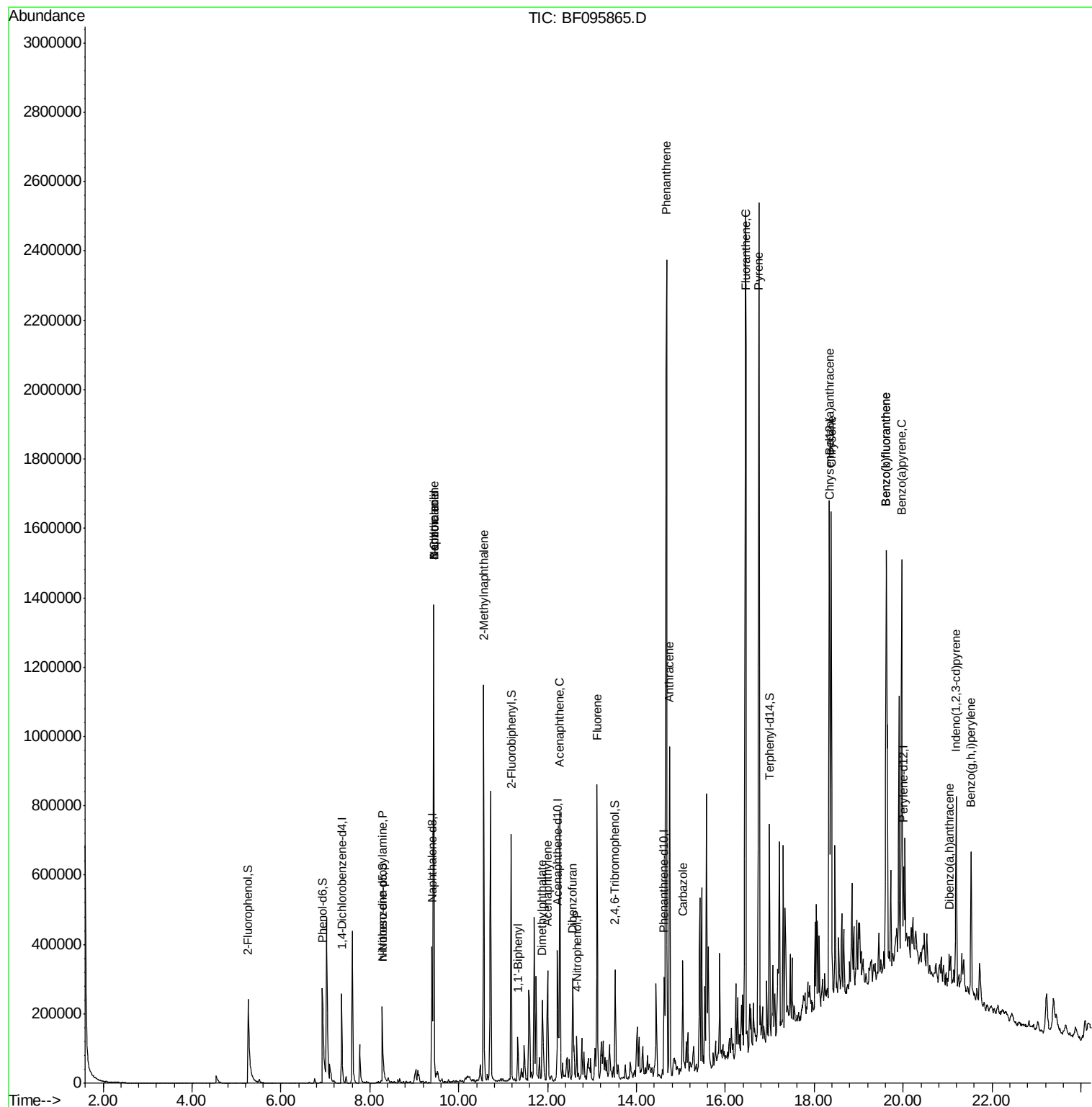
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	61196	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	250352	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	104815	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	162679	20.00	ng	-0.02
75) Chrysene-d12	18.35	240	124131	20.00	ng	0.00
86) Perylene-d12	20.02	264	101211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	210138	54.72	ng	-0.02
7) Phenol-d6	6.93	99	264727	57.58	ng	-0.02
23) Nitrobenzene-d5	8.28	82	144510	35.85	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	42219	45.53	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	298209	39.59	ng	-0.04
78) Terphenyl-d14	16.99	244	207389	41.46	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.28	70	18008	6.18	ng	# 79
31) Naphthalene	9.44	128	918859	73.13	ng	99
32) Benzoic acid	9.44	122	1968	5.92	ng	# 1
33) 4-Chloroaniline	9.44	127	122904	25.03	ng	# 34
37) 2-Methylnaphthalene	10.56	142	443148	52.20	ng	99
45) 1,1'-Biphenyl	11.33	154	58464	6.77	ng	98
48) Acenaphthylene	11.99	152	194991	16.89	ng	98
49) Dimethylphthalate	11.87	163	33262	4.18	ng	96
51) Acenaphthene	12.27	154	233513	35.03	ng	99
54) Dibenzofuran	12.56	168	156818	16.71	ng	98
55) 4-Nitrophenol	12.66	139	2461	6.59	ng	# 63
57) Fluorene	13.12	166	322835	39.54	ng	99
70) Phenanthrene	14.67	178	1680729	179.06	ng	99
71) Anthracene	14.75	178	536262	54.72	ng	99
72) Carbazole	15.04	167	187753	19.66	ng	97
74) Fluoranthene	16.46	202	1698019	182.77	ng	99
77) Pyrene	16.76	202	1511822	163.23	ng	99
80) Benzo(a)anthracene	18.34	228	773359	107.16	ng	99
82) Chrysene	18.39	228	643502	89.22	ng	97
85) Indeno(1,2,3-cd)pyrene	21.20	276	300248	48.65	ng	95
87) Benzo(b)fluoranthene	19.62	252	1008214	159.09	ng	# 96
88) Benzo(k)fluoranthene	19.62	252	1008214	166.44	ng	98
89) Benzo(a)pyrene	19.97	252	552716	94.89	ng	98
90) Dibenzo(a,h)anthracene	21.04	278	54656	11.06	ng	91
91) Benzo(g,h,i)perylene	21.53	276	278398	55.27	ng	97

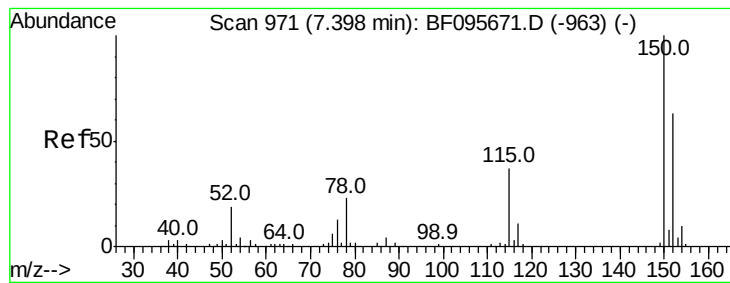
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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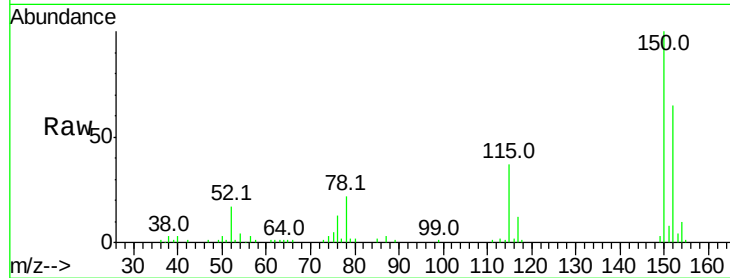


#1

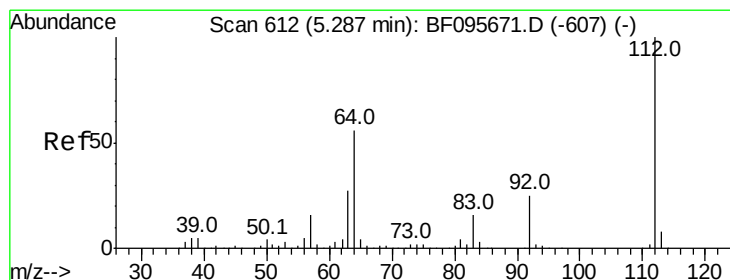
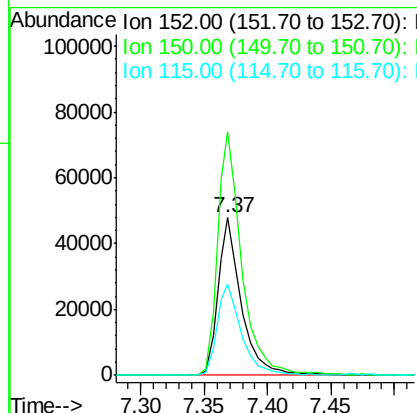
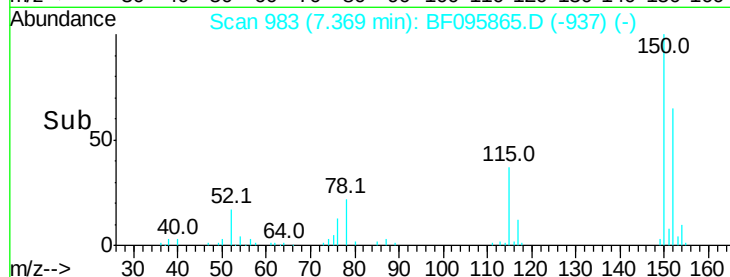
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 61196
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 57.9 52.2 78.2



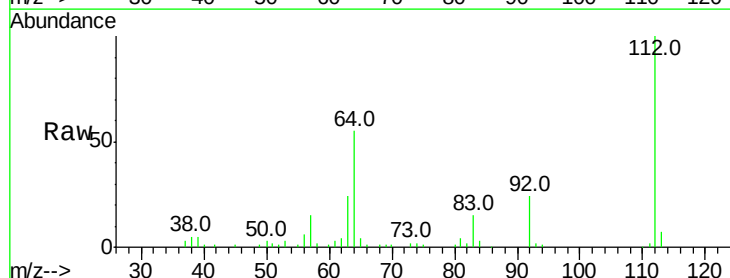
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



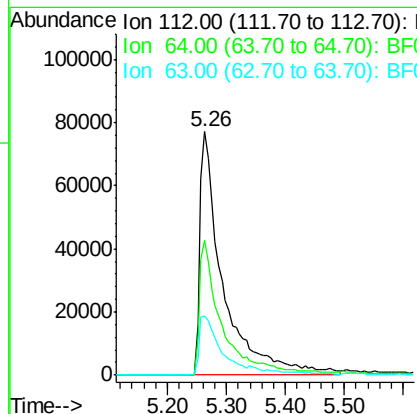
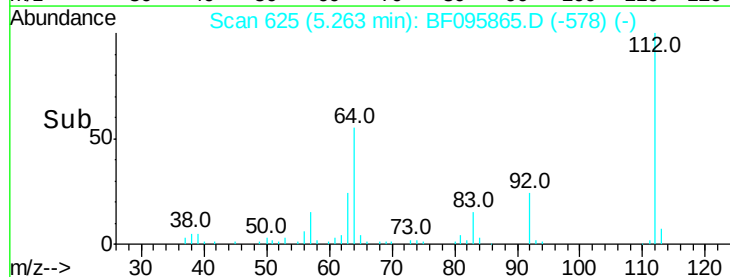
#5

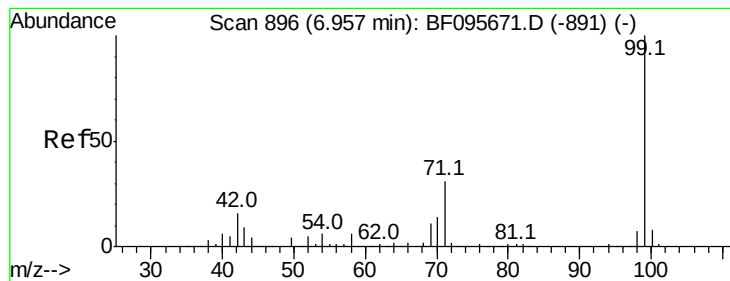
2-Fluorophenol
Concen: 54.72 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:112 Resp: 210138
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 24.2 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: 57.58 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

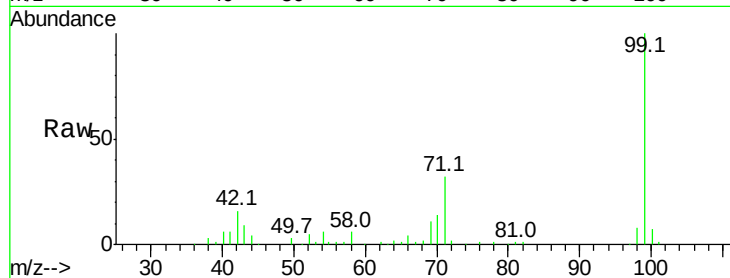
Tot Ion: 99 Resp: 264727

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

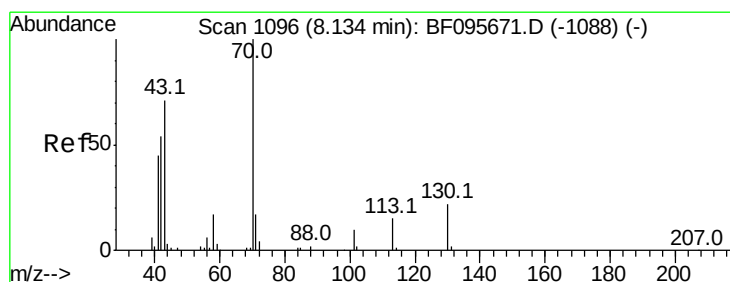
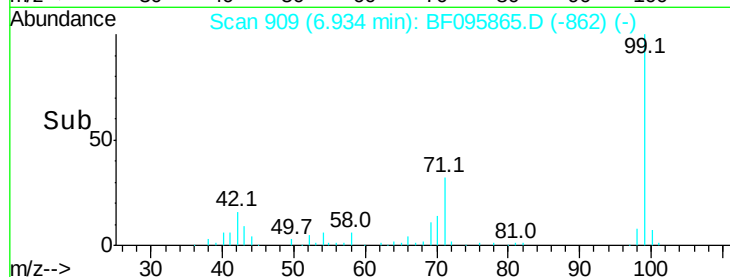
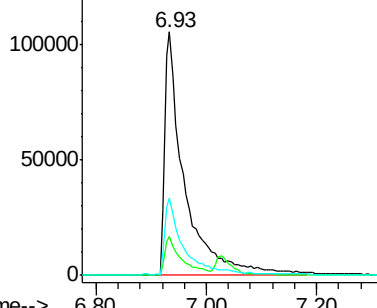
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.18 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Tgt Ion: 70 Resp: 18008

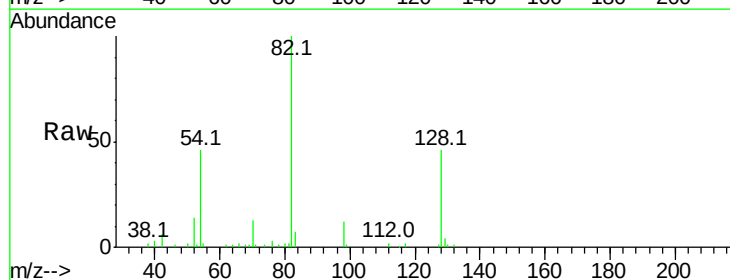
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 4.3 15.9 23.9#

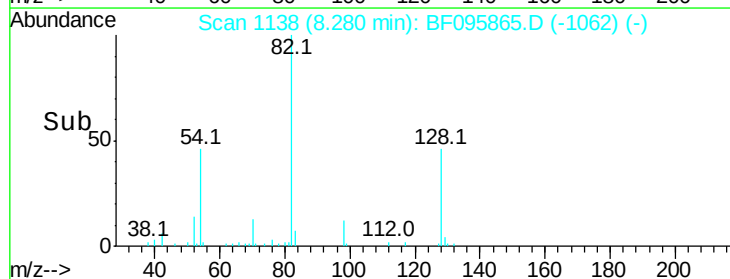
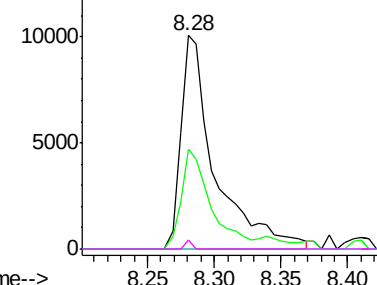


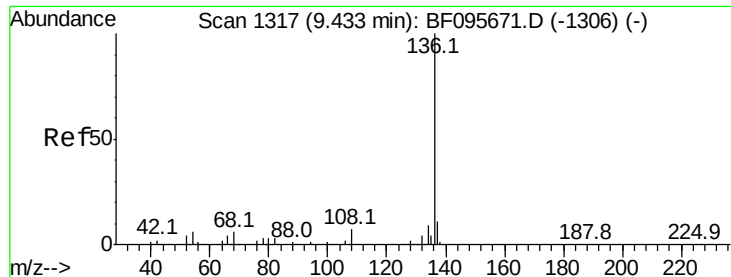
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

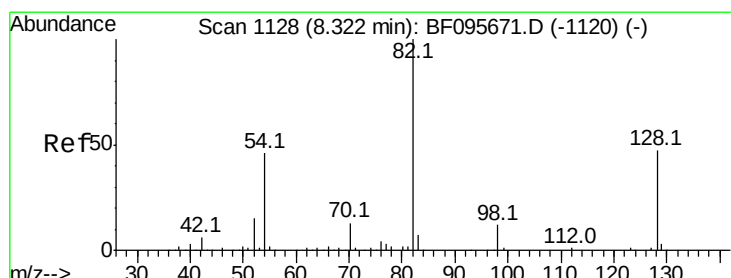
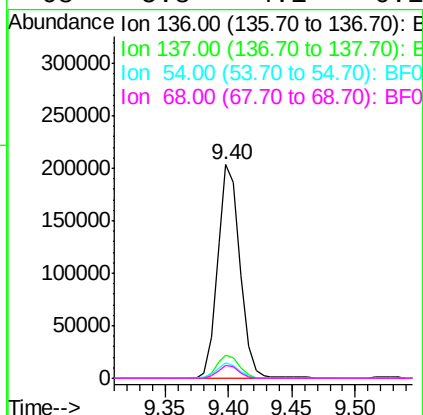
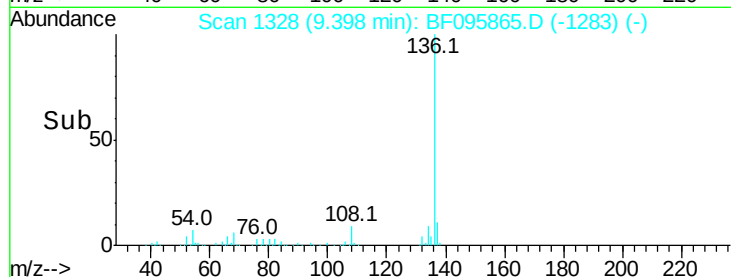
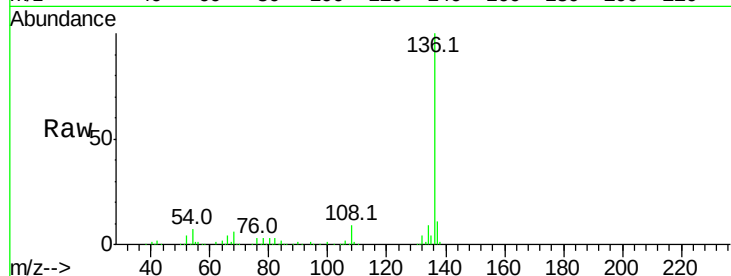




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

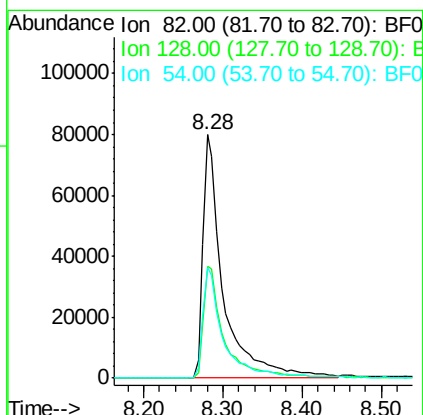
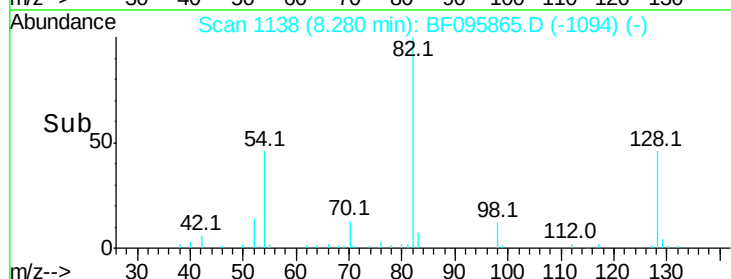
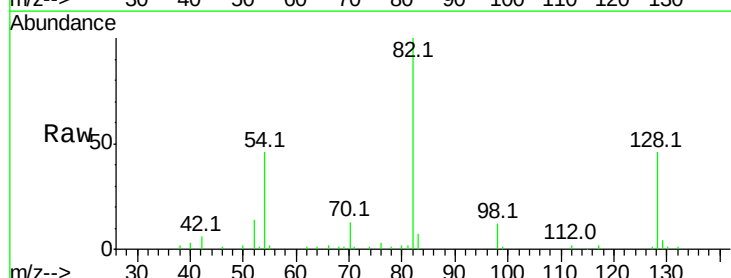
Instrument :
BNA_F
ClientSampleId :

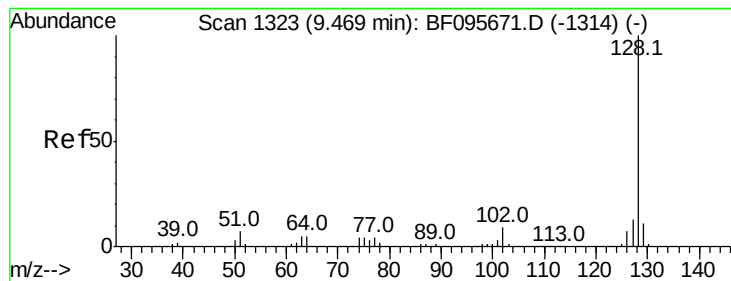
Tot Ion:136	Resp:	250352
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	7.0	4.9 7.3
68	5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 35.85 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion: 82	Resp:	144510
Ion Ratio	Lower	Upper
82	100	
128	45.8	34.0 51.0
54	45.5	42.2 63.2





#31

Naphthalene

Concen: 73.13 ng

RT: 9.44 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

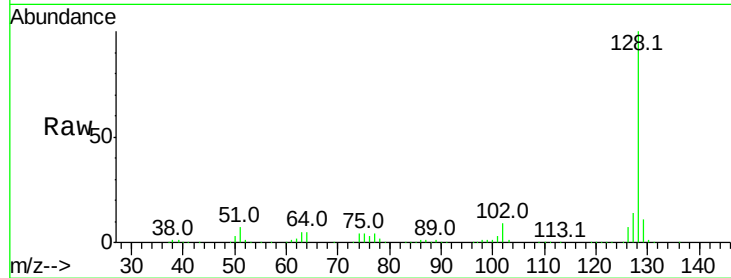
Tot Ion:128 Resp: 918859

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

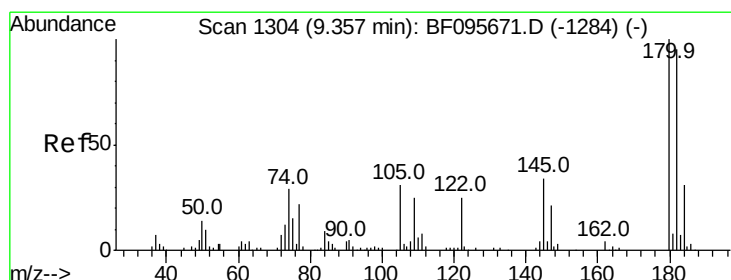
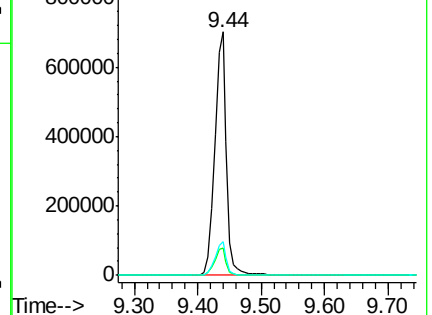
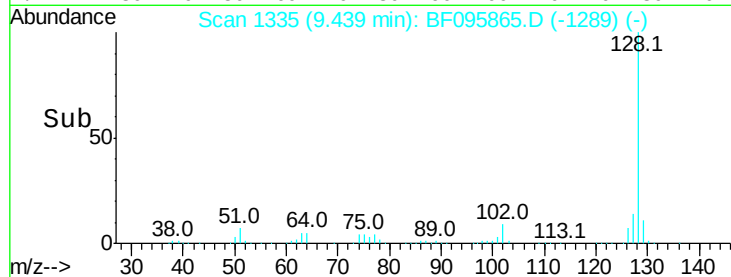
127 13.8 10.8 16.2



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: 5.92 ng

RT: 9.44 min Scan# 1335

Delta R.T. 0.08 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

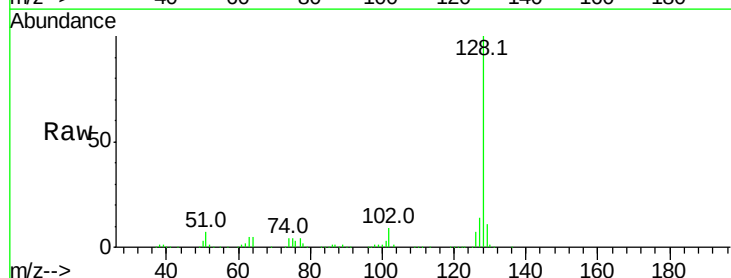
Tgt Ion:122 Resp: 1968

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

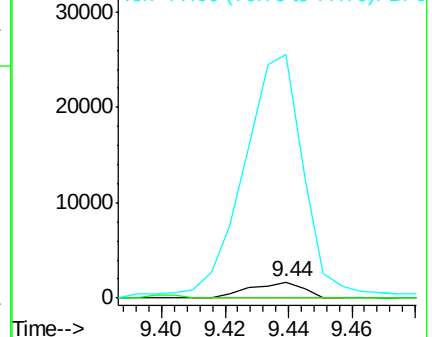
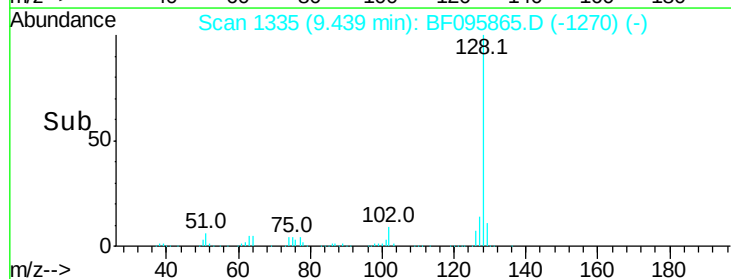
77 1495.1 73.7 113.7#

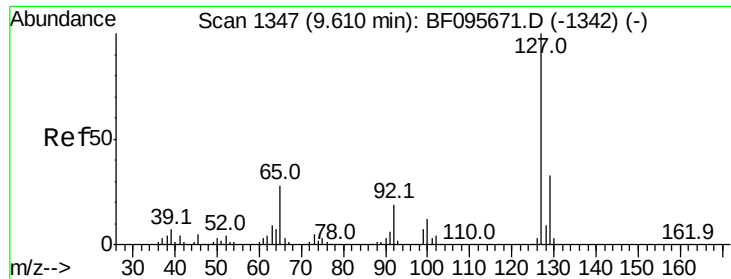


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

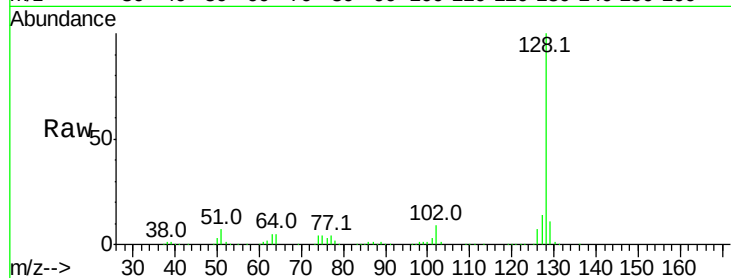




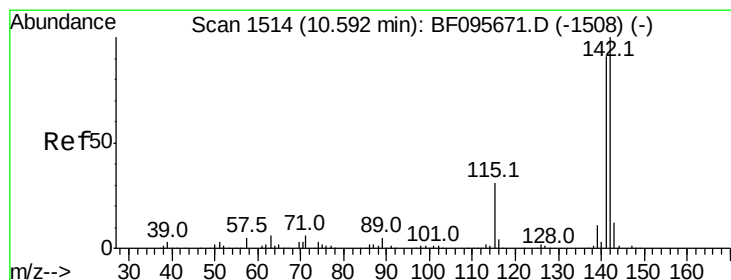
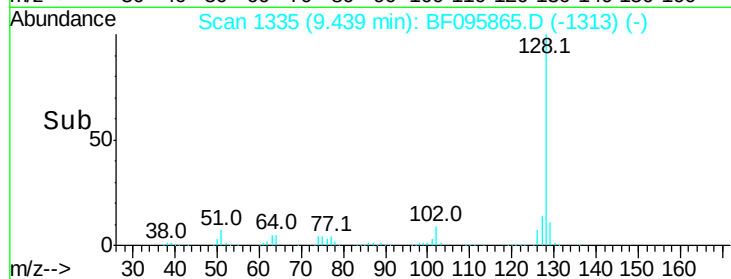
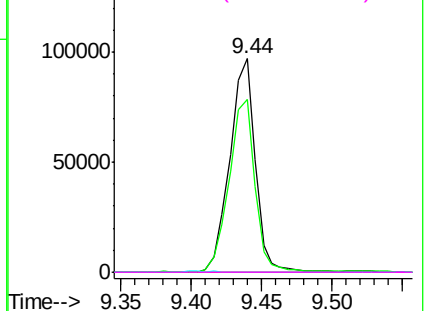
#33
 4-Chloroaniline
 Concen: 25.03 ng
 RT: 9.44 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF095865.D
 Acq: 11 Jun 2017 00:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	122904
Ion	Ratio	Lower	Upper
127	100		
129	80.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

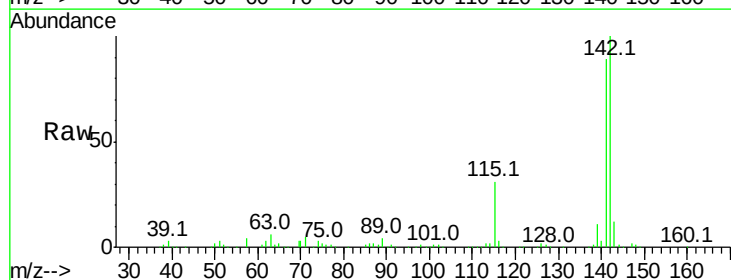


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

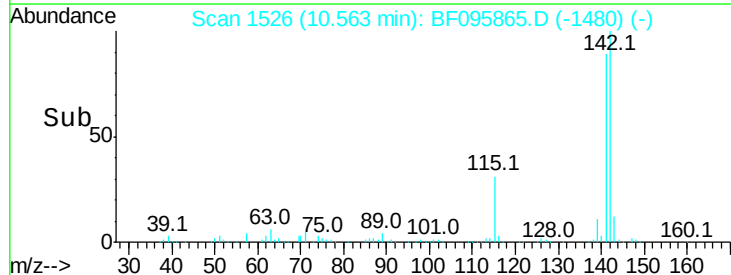
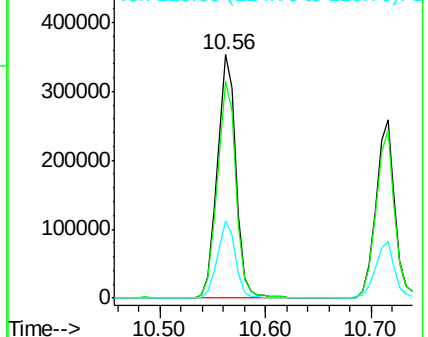


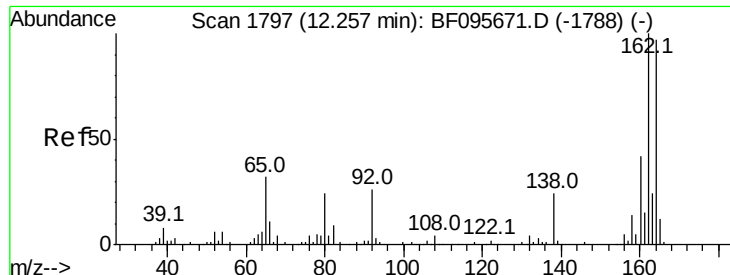
#37
 2-Methylnaphthalene
 Concen: 52.20 ng
 RT: 10.56 min Scan# 1526
 Delta R.T. -0.03 min
 Lab File: BF095865.D
 Acq: 11 Jun 2017 00:29

Tgt Ion:	142	Resp:	443148
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	31.5	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: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

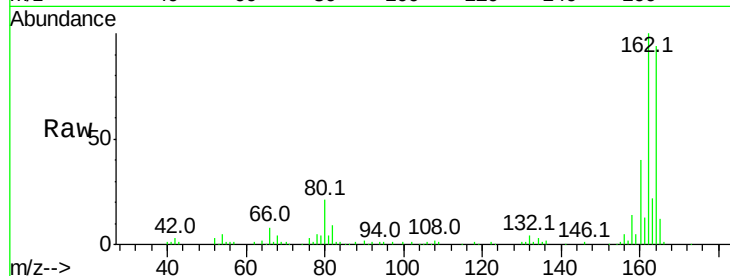
Tot Ion:164 Resp: 104815

Ion Ratio Lower Upper

164 100

162 105.9 82.6 123.8

160 42.0 36.2 54.2



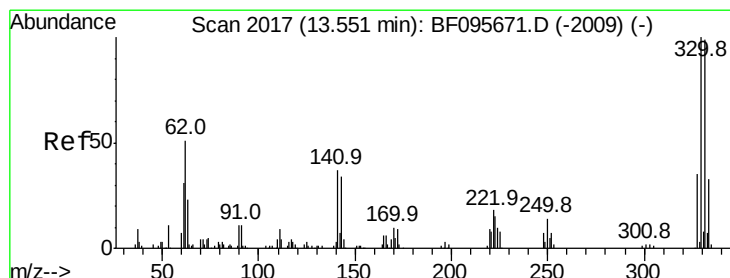
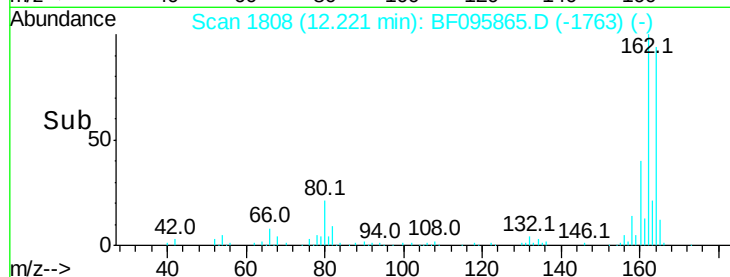
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

12.22

Time--> 12.15 12.20 12.25 12.30



#41

2,4,6-Tribromophenol

Concen: 45.53 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

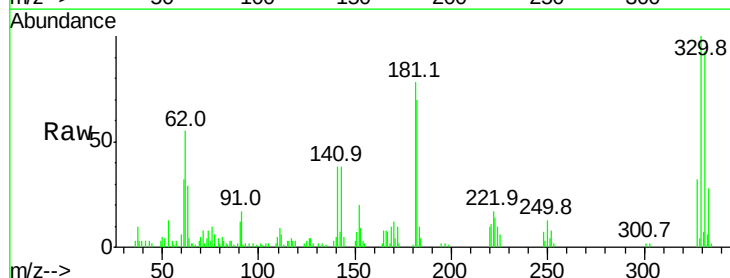
Tgt Ion:330 Resp: 42219

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 42.3 31.4 47.2



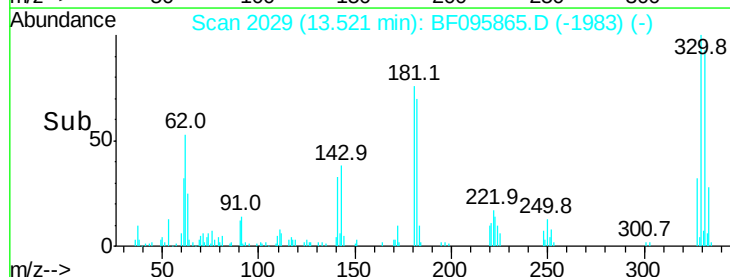
Abundance Ion 329.80 (329.50 to 330.50): E

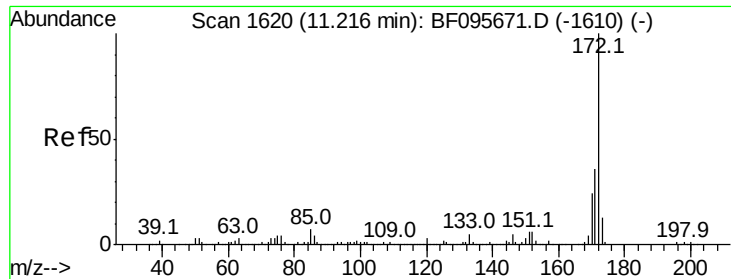
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

13.52

Time--> 13.50 13.60

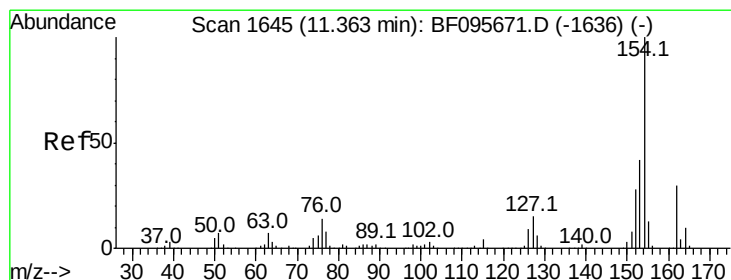
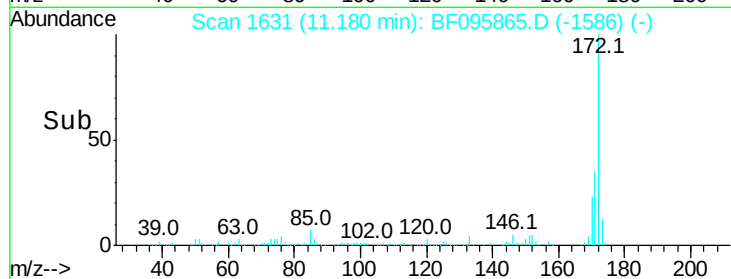
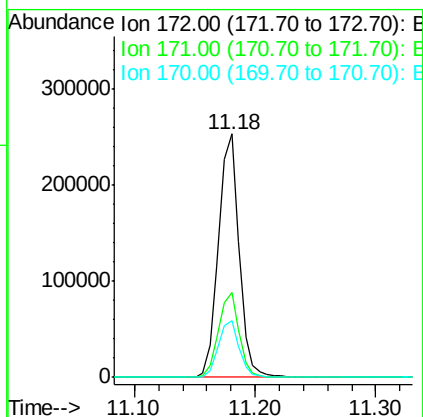
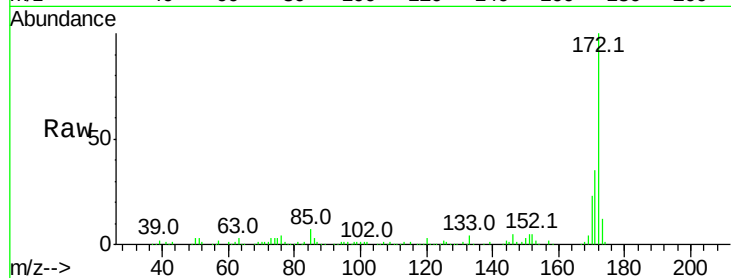




#44
2-Fluorobiphenyl
Concen: 39.59 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

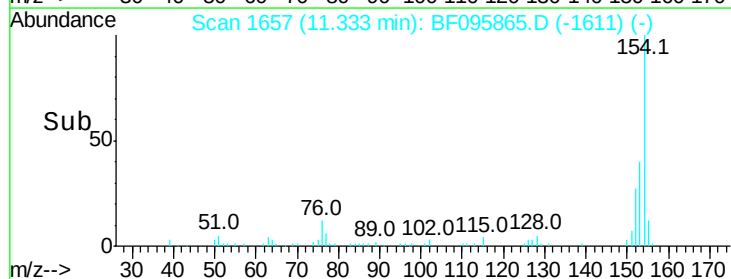
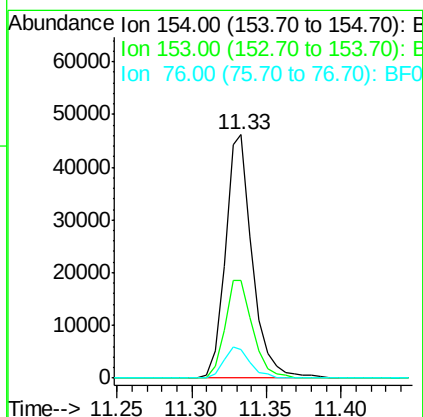
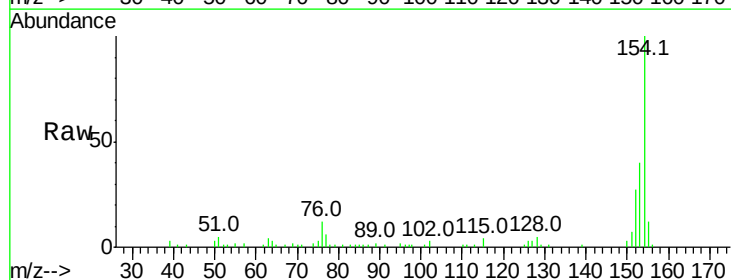
Instrument :
BNA_F
ClientSampleId :

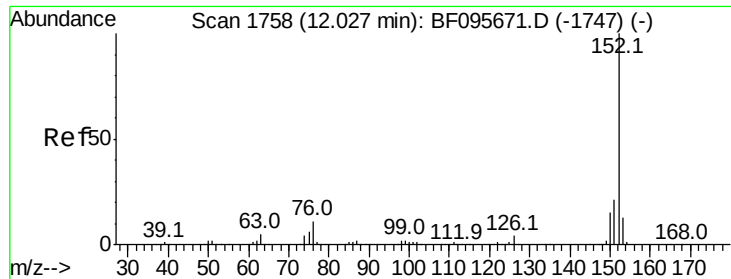
Tot Ion:172 Resp: 298209
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.2 19.8 29.8



#45
1,1'-Biphenyl
Concen: 6.77 ng
RT: 11.33 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:154 Resp: 58464
Ion Ratio Lower Upper
154 100
153 40.2 21.2 61.2
76 11.7 0.0 29.9





#48

Acenaphthylene

Concen: 16.89 ng

RT: 11.99 min Scan# 1769

Delta R.T. -0.04 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

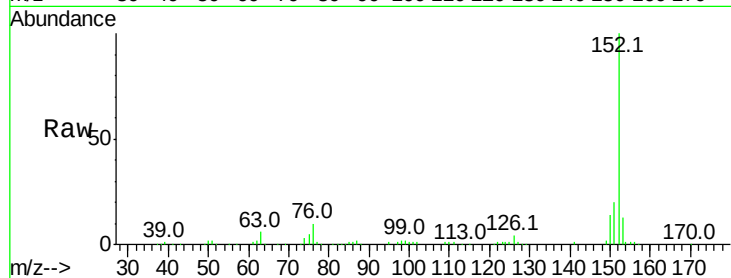
Tot Ion:152 Resp: 194991

Ion Ratio Lower Upper

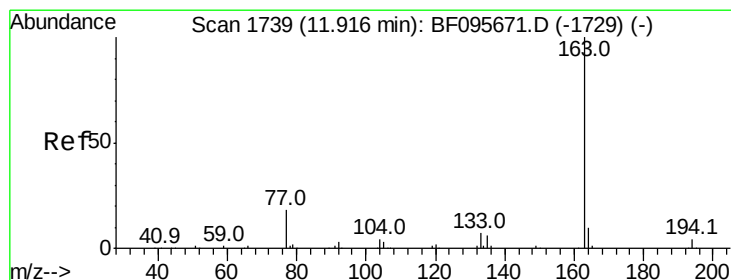
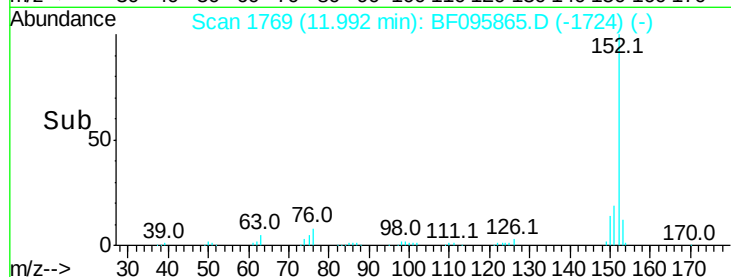
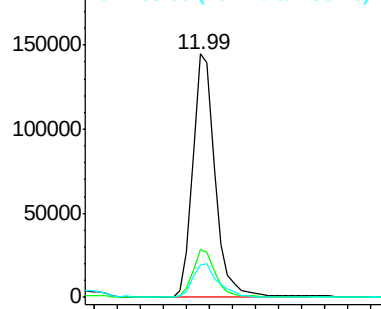
152 100

151 19.6 16.8 25.2

153 13.3 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: 4.18 ng

RT: 11.87 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

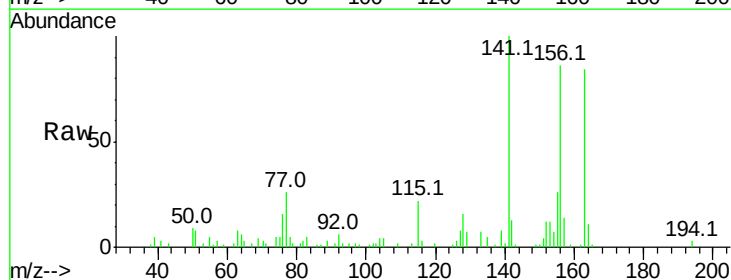
Tgt Ion:163 Resp: 33262

Ion Ratio Lower Upper

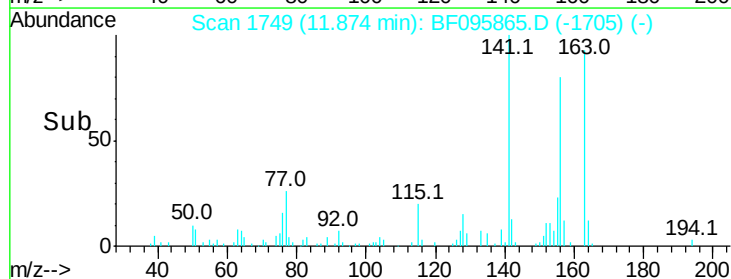
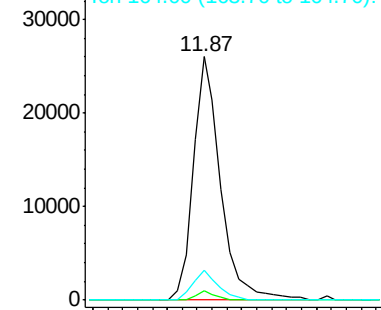
163 100

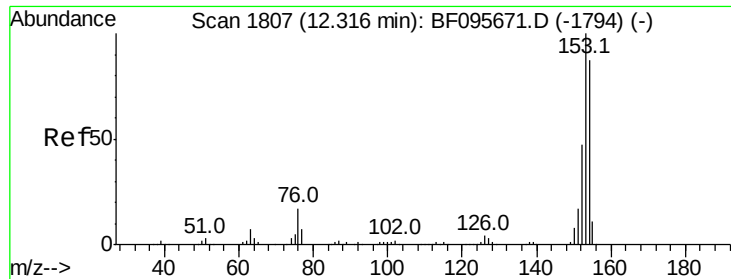
194 3.6 2.6 4.0

164 12.5 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: 35.03 ng

RT: 12.27 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

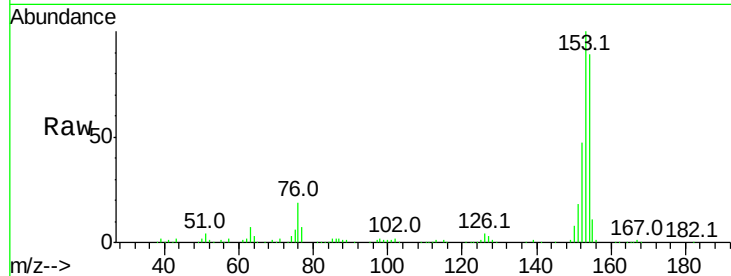
Tot Ion:154 Resp: 233513

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

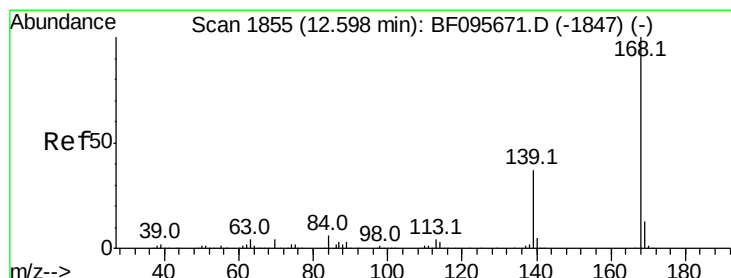
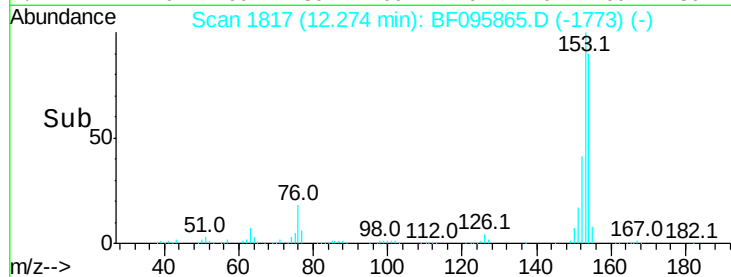
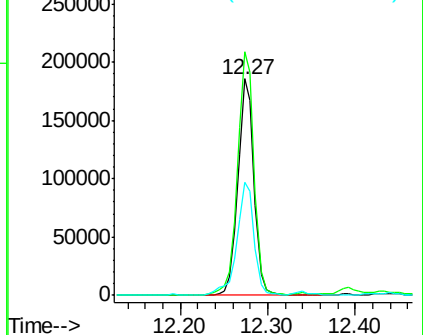
152 52.5 43.6 65.4



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: 16.71 ng

RT: 12.56 min Scan# 1866

Delta R.T. -0.04 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

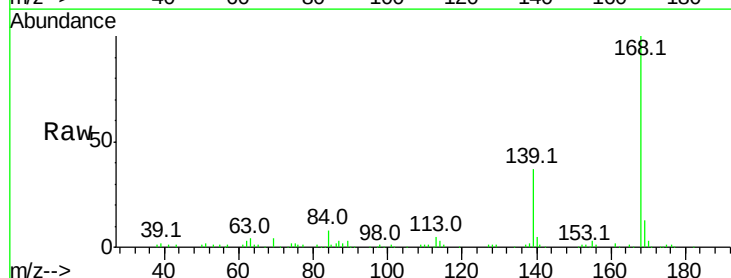
Tgt Ion:168 Resp: 156818

Ion Ratio Lower Upper

168 100

139 36.5 30.6 45.8

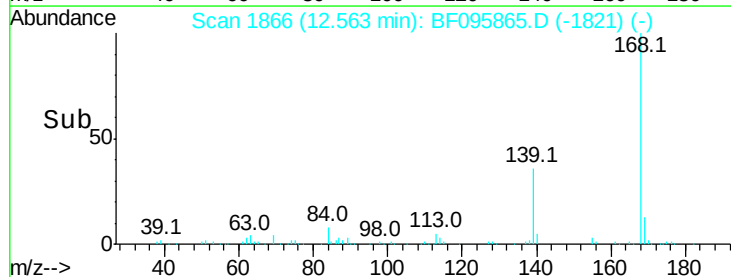
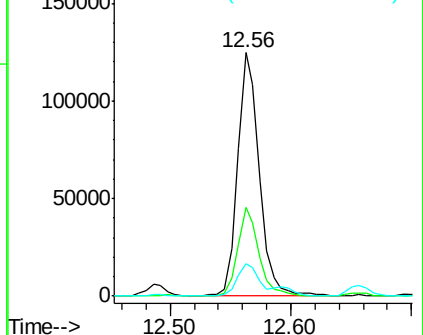
169 13.5 10.8 16.2

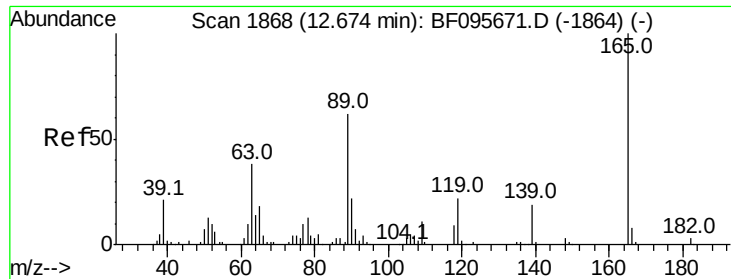


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 6.59 ng

RT: 12.66 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampled :

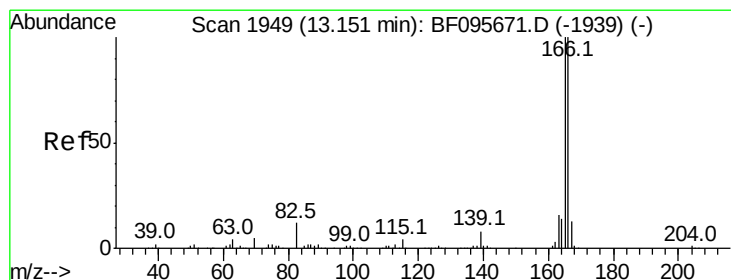
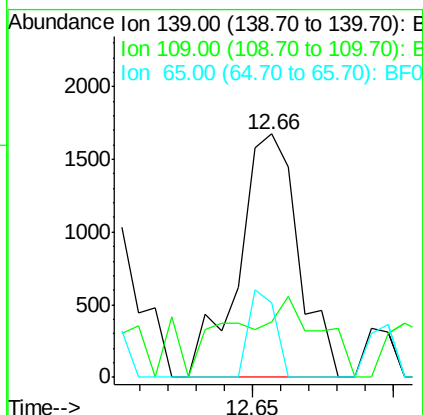
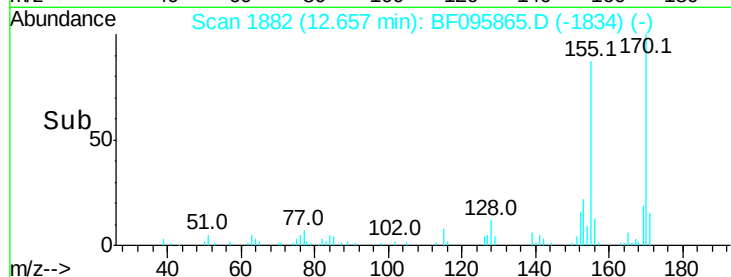
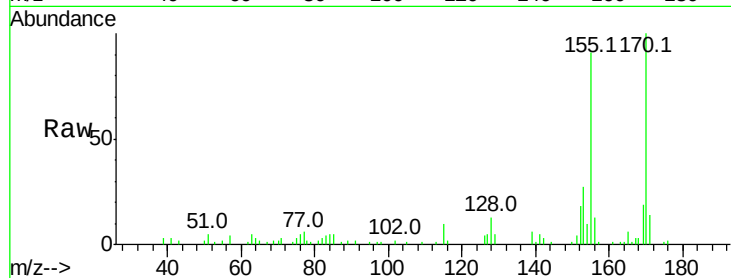
Tot Ion:139 Resp: 2461

Ion Ratio Lower Upper

139 100

109 23.0 34.1 74.1#

65 30.7 31.4 71.4#



#57

Fluorene

Concen: 39.54 ng

RT: 13.12 min Scan# 1960

Delta R.T. -0.04 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

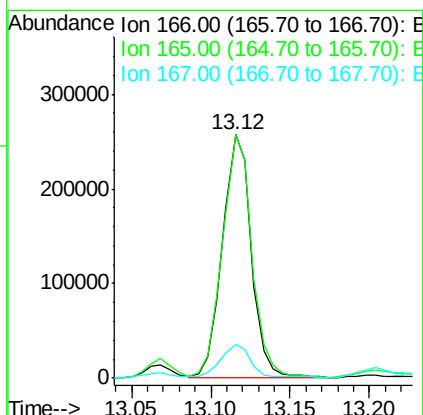
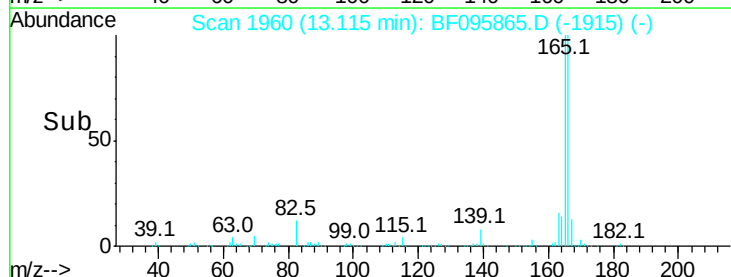
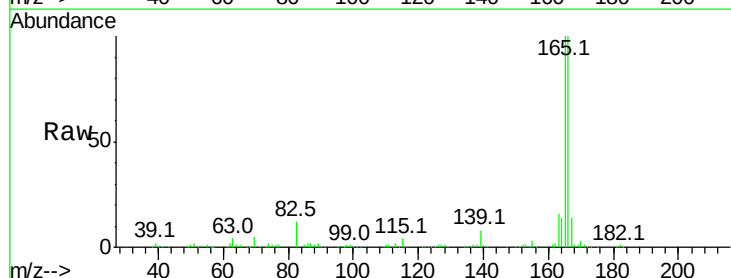
Tgt Ion:166 Resp: 322835

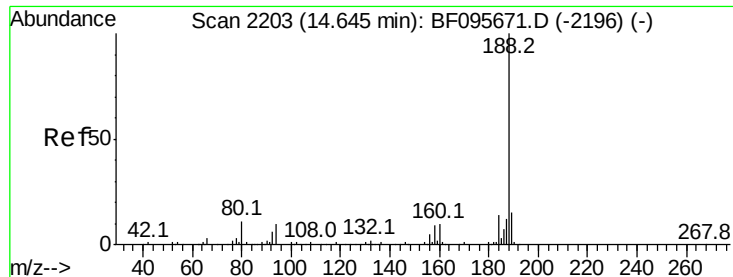
Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

167 13.7 10.6 16.0

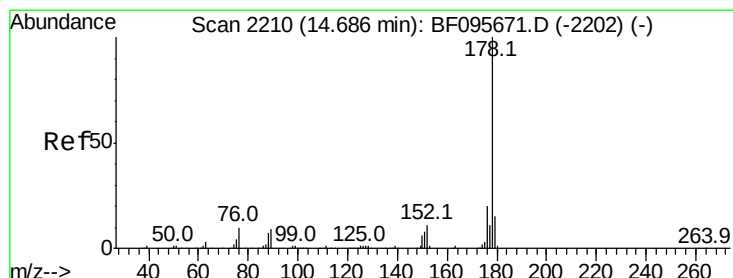
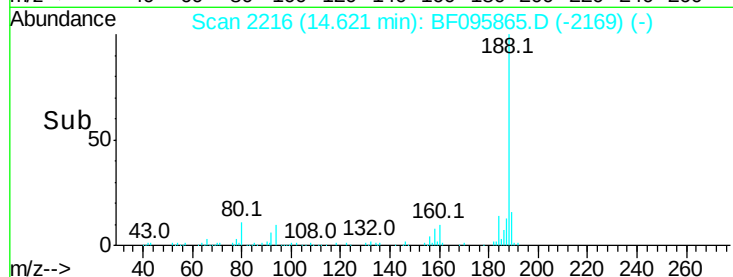
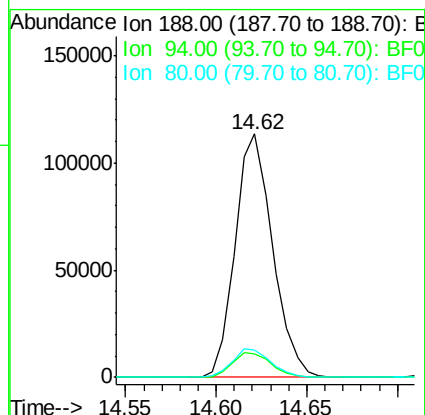
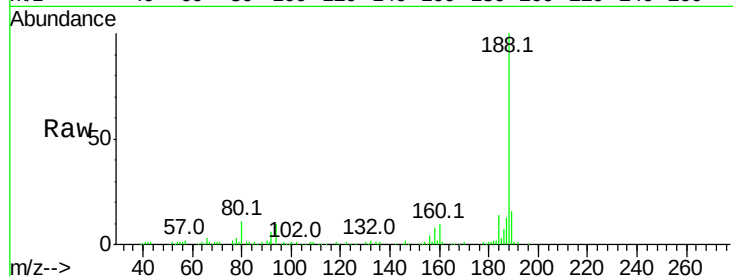




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

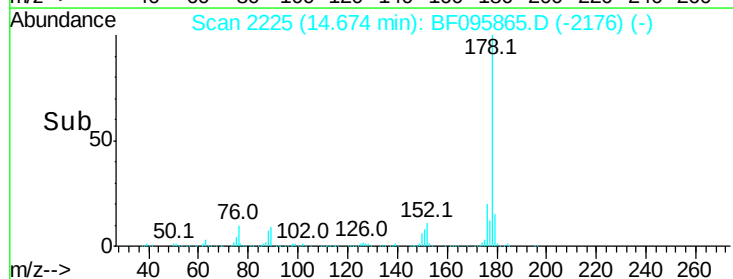
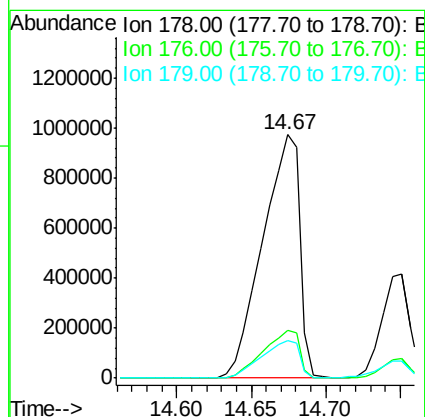
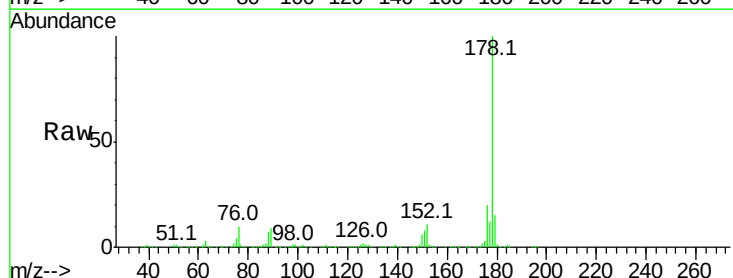
Instrument :
BNA_F
ClientSampleId :

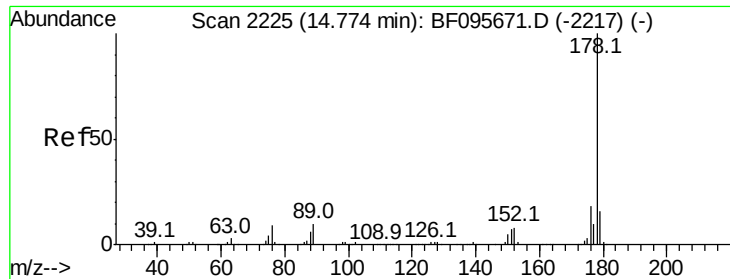
Tot Ion:188 Resp: 162679
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.0 10.2 15.2



#70
Phenanthrene
Concen: 179.06 ng
RT: 14.67 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:178 Resp: 1680729
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.4 12.6 19.0

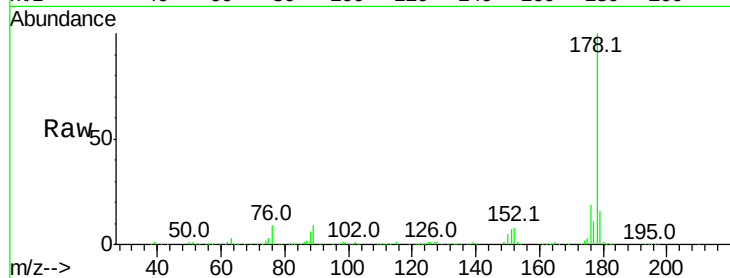




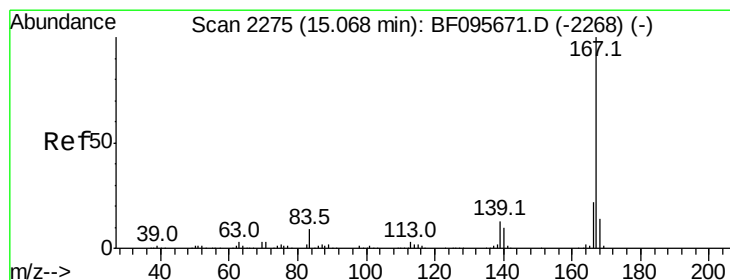
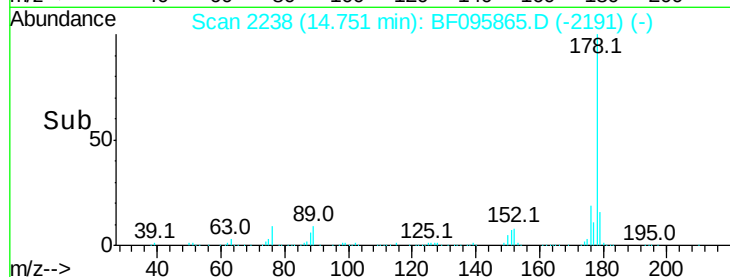
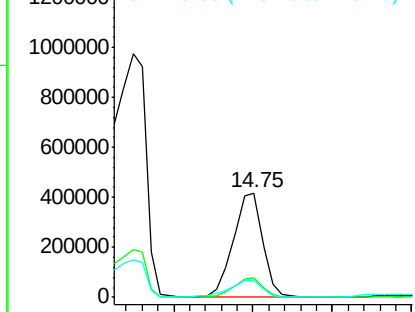
#71
 Anthracene
 Concen: 54.72 ng
 RT: 14.75 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF095865.D
 Acq: 11 Jun 2017 00:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 536262
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.9 12.7 19.1

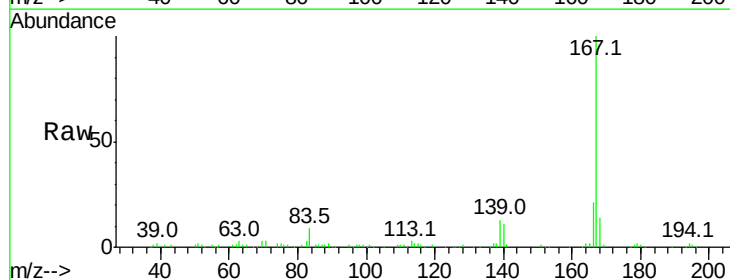


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

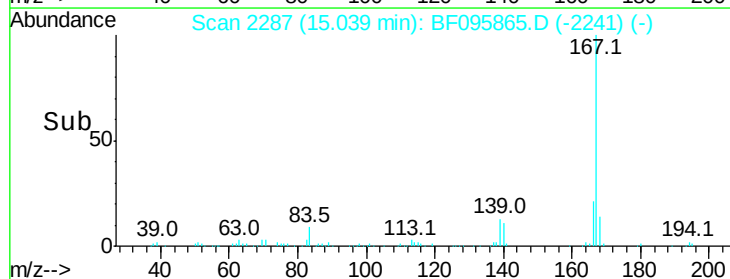
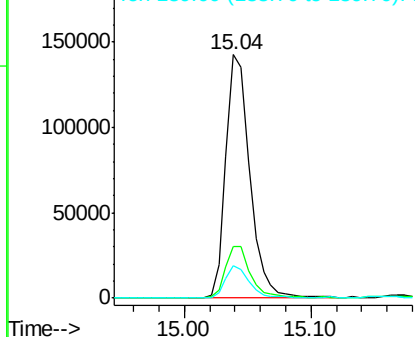


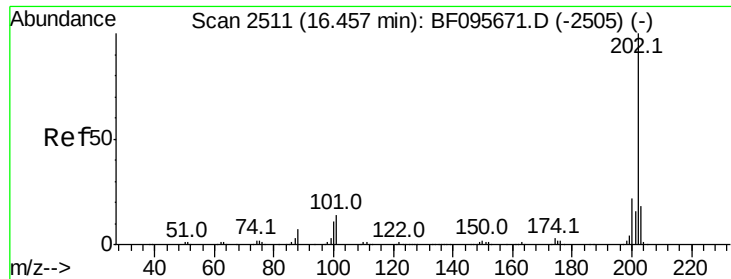
#72
 Carbazole
 Concen: 19.66 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: BF095865.D
 Acq: 11 Jun 2017 00:29

Tgt Ion:167 Resp: 187753
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.1 27.1
 139 13.1 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: 182.77 ng

RT: 16.46 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

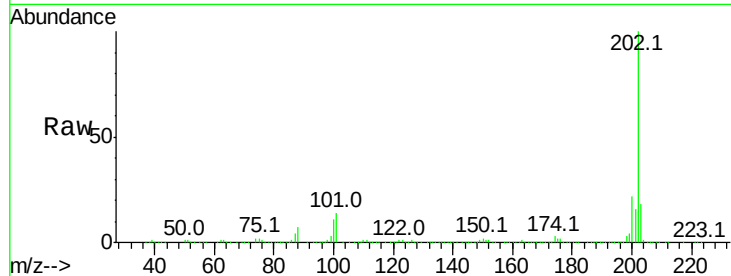
Tot Ion:202 Resp: 1698019

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

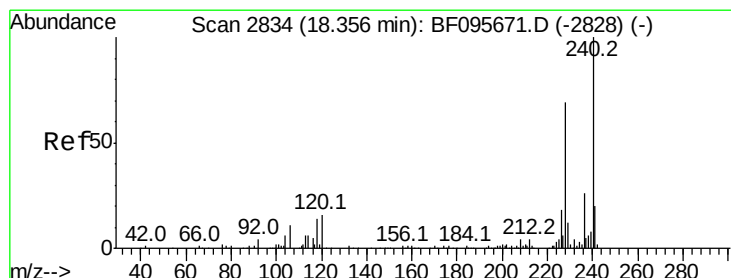
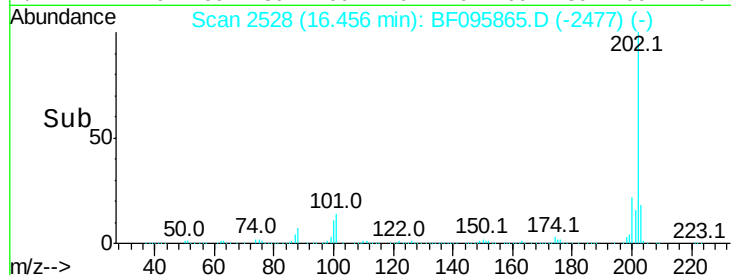
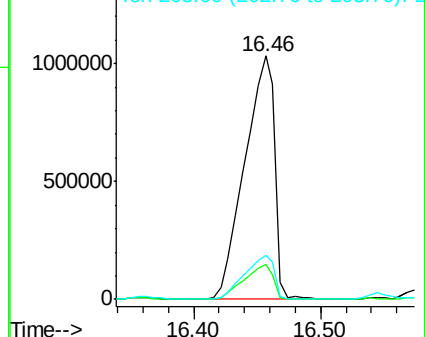
203 17.9 0.0 38.1



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: 20.00 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

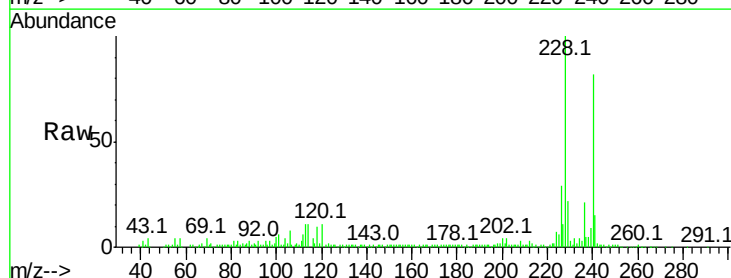
Tgt Ion:240 Resp: 124131

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

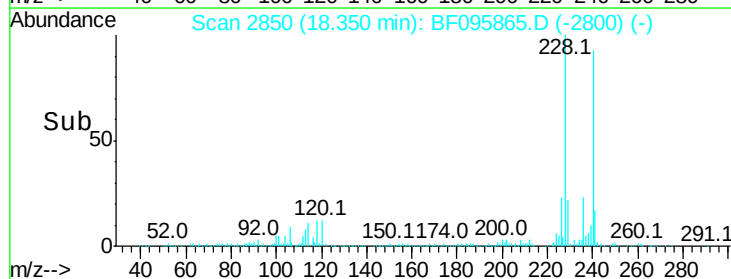
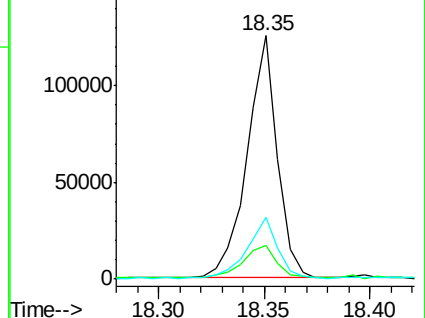
236 25.4 20.5 30.7

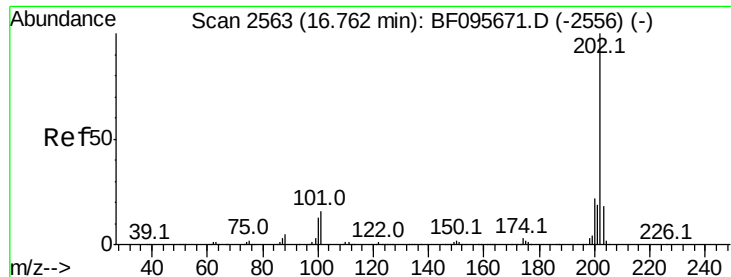


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 163.23 ng

RT: 16.76 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

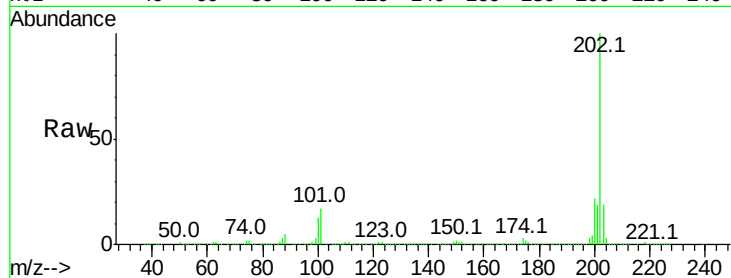
Tot Ion:202 Resp: 1511822

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

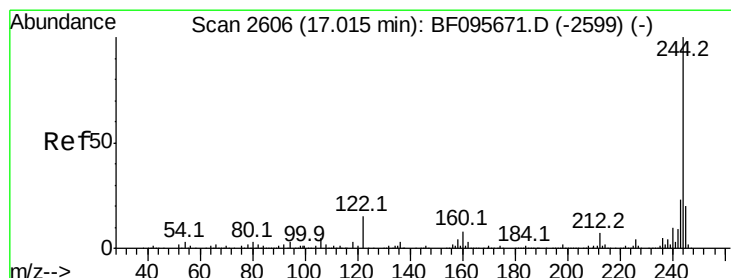
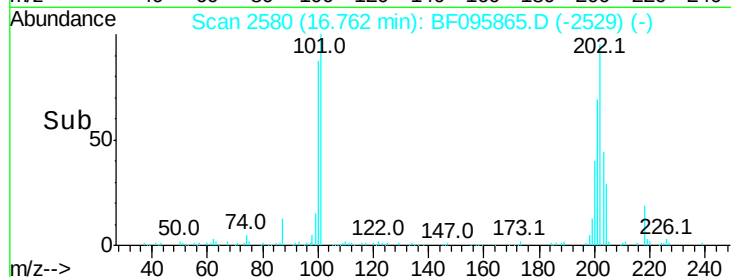
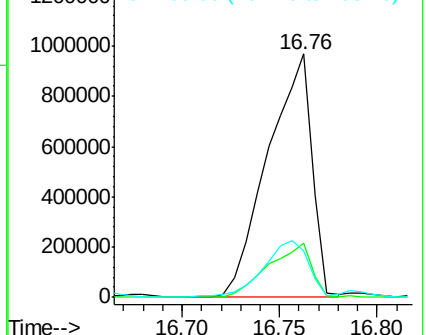
203 19.0 14.4 21.6



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: 41.46 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

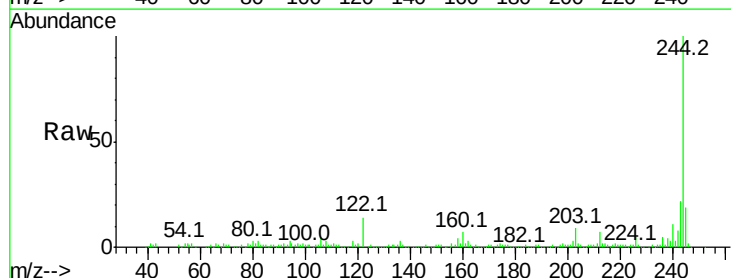
Tgt Ion:244 Resp: 207389

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

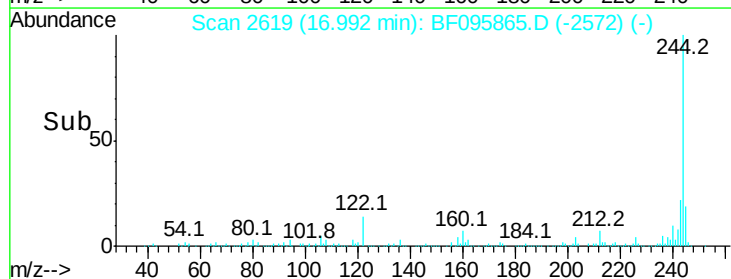
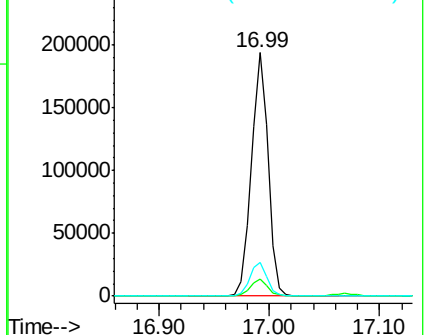
122 13.7 10.3 15.5

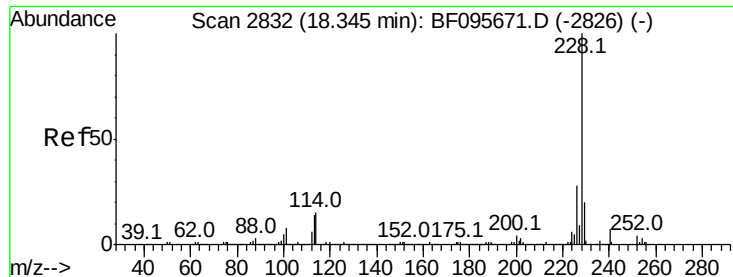


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

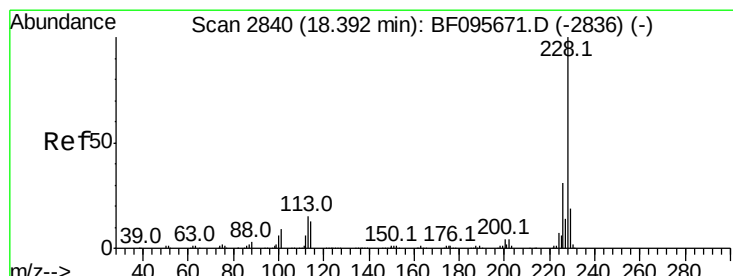
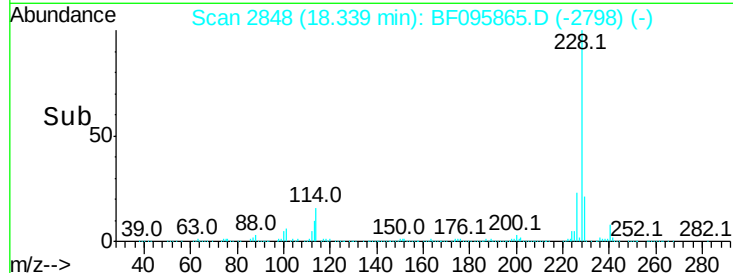
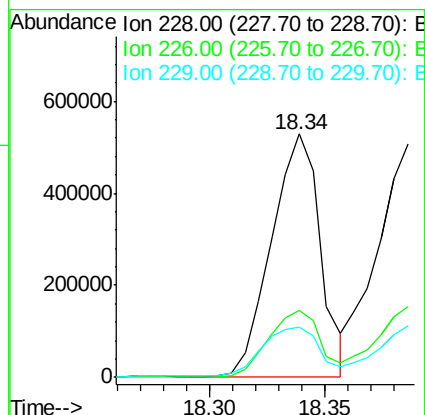
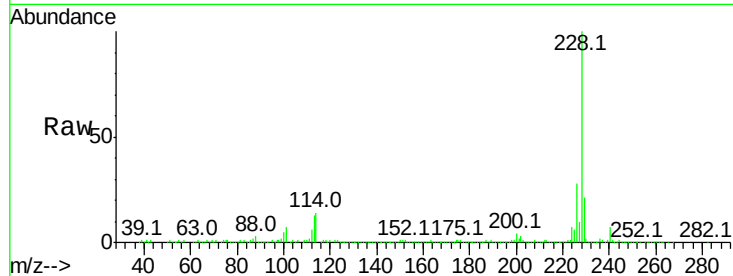




#80
Benzo(a)anthracene
Concen: 107.16 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

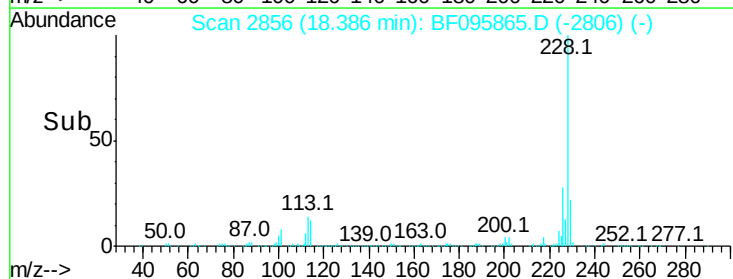
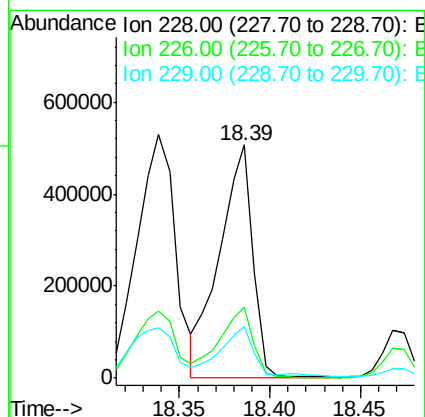
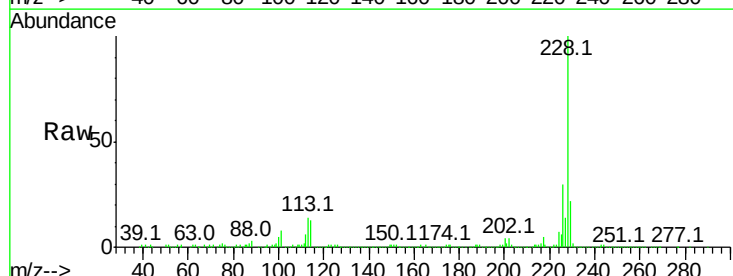
Instrument :
BNA_F
ClientSampleId :

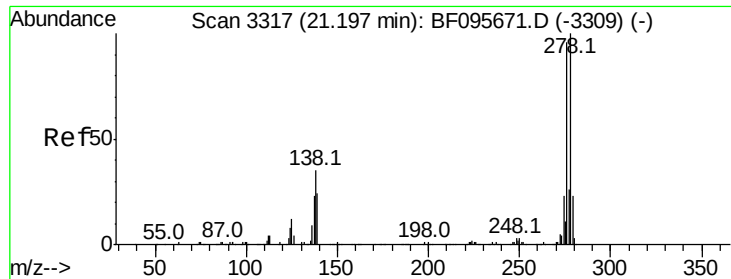
Tot Ion:228 Resp: 773359
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.9 16.3 24.5



#82
Chrysene
Concen: 89.22 ng
RT: 18.39 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:228 Resp: 643502
Ion Ratio Lower Upper
228 100
226 30.3 24.9 37.3
229 22.3 15.8 23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.65 ng

RT: 21.20 min Scan# 3334

Delta R.T. -0.00 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

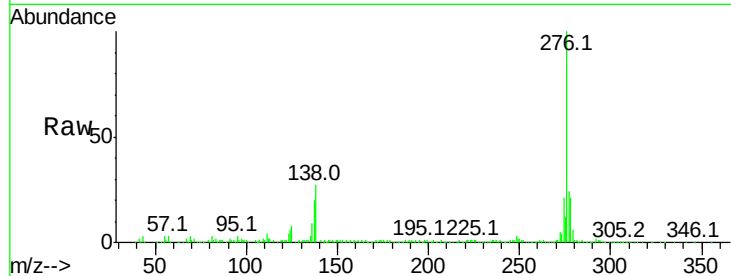
Tot Ion:276 Resp: 300248

Ion Ratio Lower Upper

276 100

138 30.6 27.8 41.6

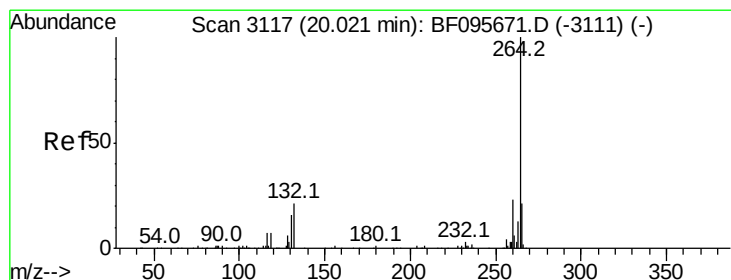
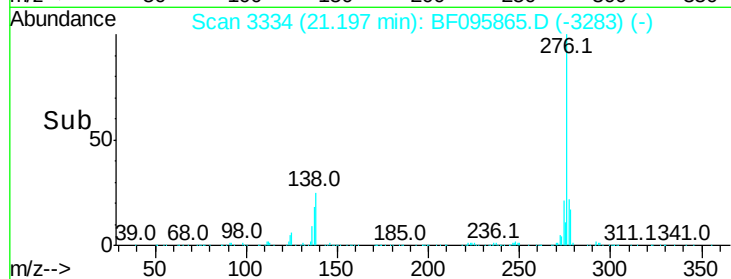
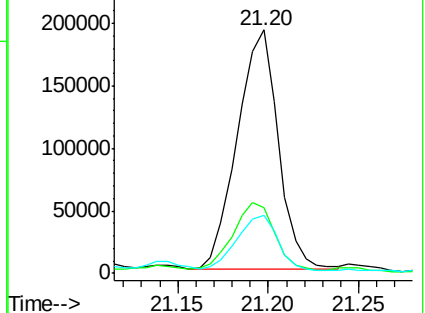
277 24.6 20.2 30.4



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: 20.00 ng

RT: 20.02 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

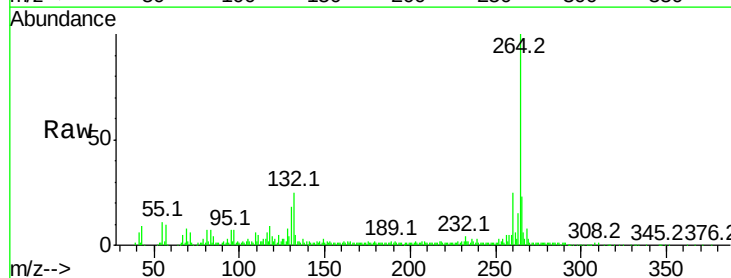
Tgt Ion:264 Resp: 101211

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

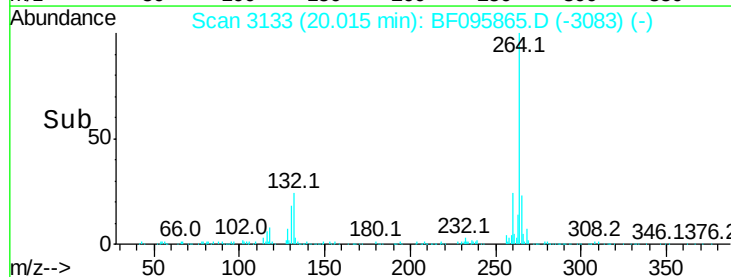
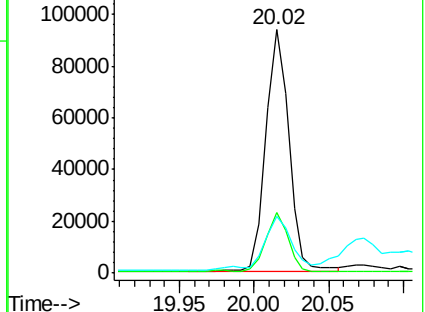
265 23.4 17.2 25.8

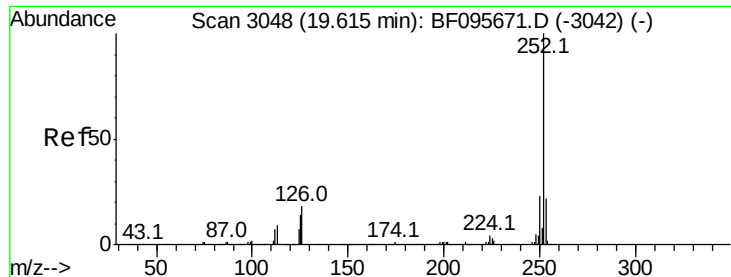


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 159.09 ng

RT: 19.62 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

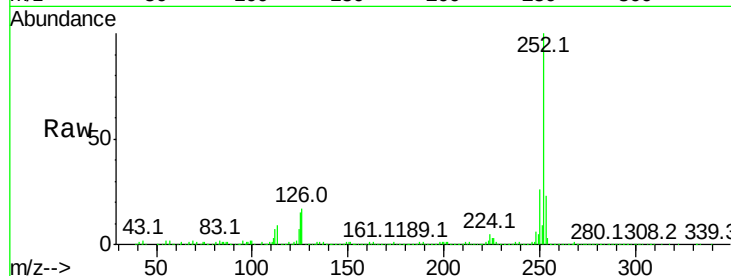
Tot Ion:252 Resp: 1008214

Ion Ratio Lower Upper

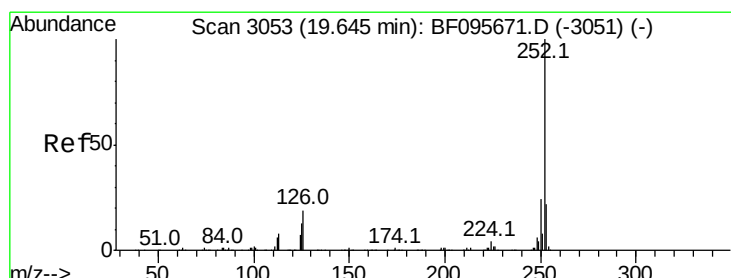
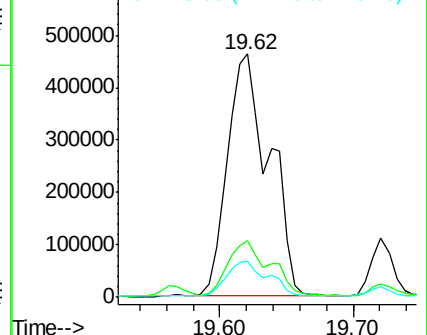
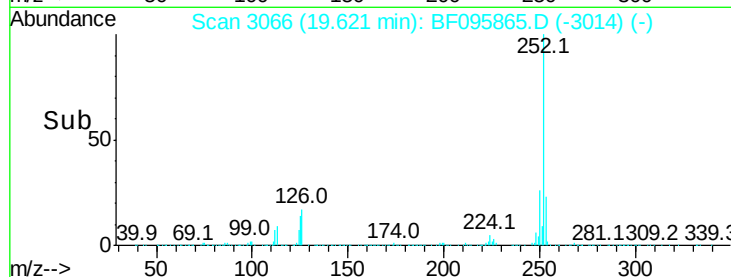
252 100

253 23.5 18.1 27.1

125 14.9 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: 166.44 ng

RT: 19.62 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

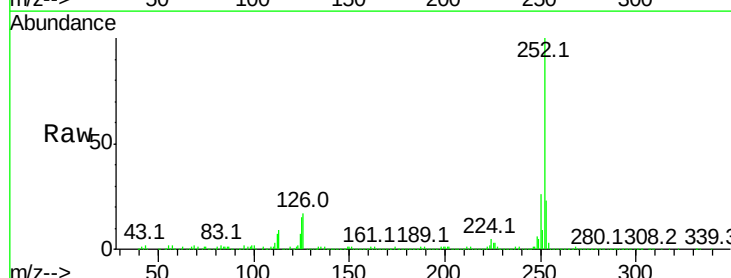
Tgt Ion:252 Resp: 1008214

Ion Ratio Lower Upper

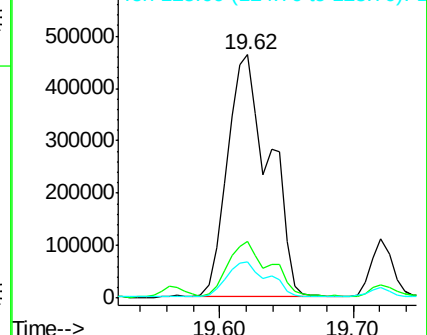
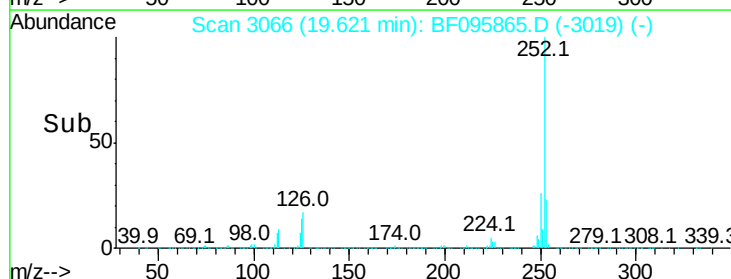
252 100

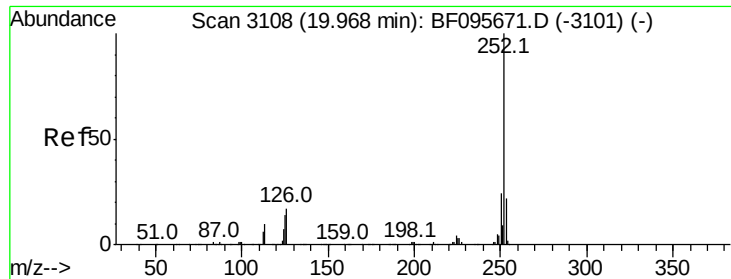
253 23.5 18.4 27.6

125 14.9 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: 94.89 ng

RT: 19.97 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampled :

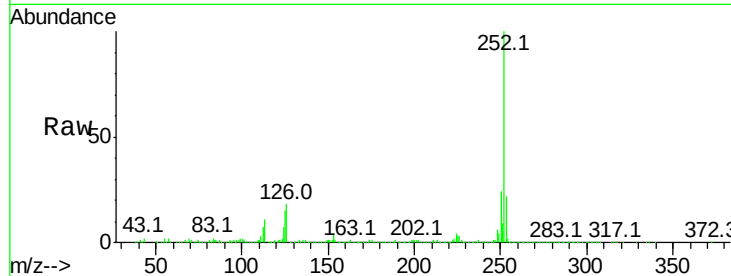
Tot Ion:252 Resp: 552716

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

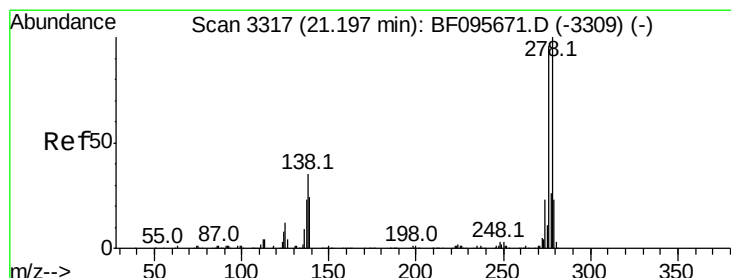
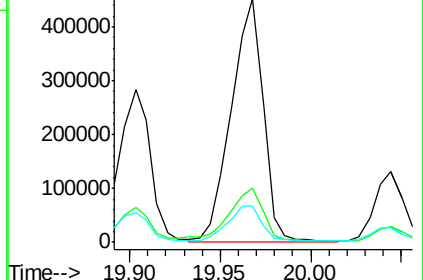
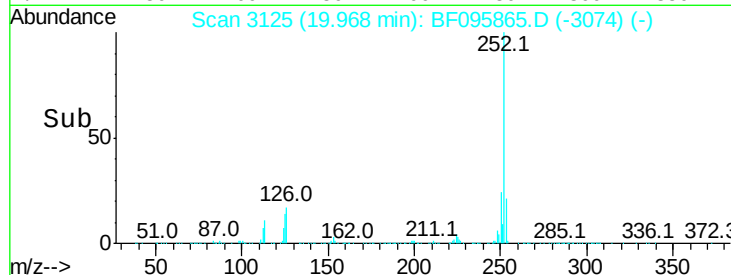
125 15.0 11.0 16.4



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: 11.06 ng

RT: 21.04 min Scan# 3307

Delta R.T. -0.16 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

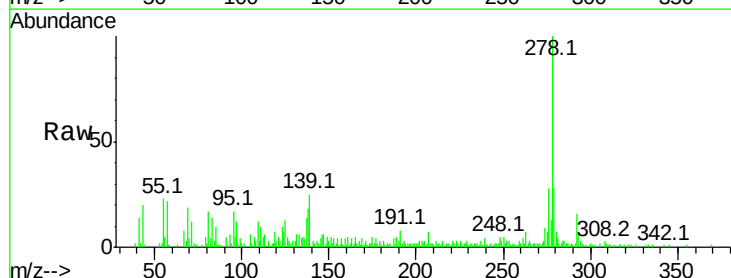
Tgt Ion:278 Resp: 54656

Ion Ratio Lower Upper

278 100

139 24.8 16.6 24.8

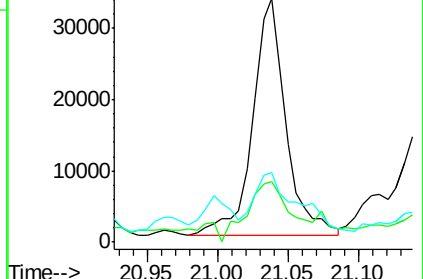
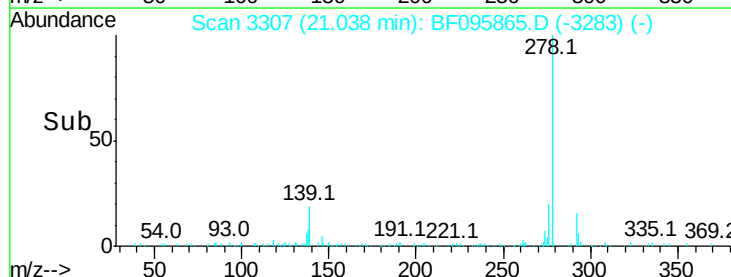
279 28.5 19.3 28.9

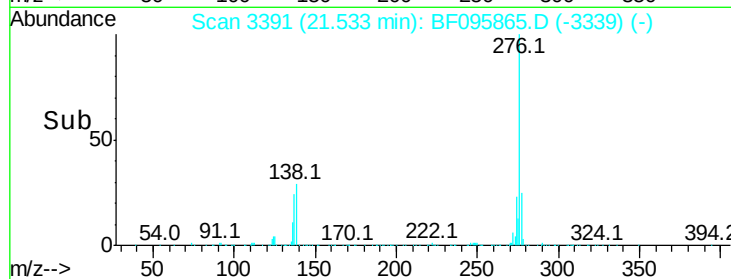
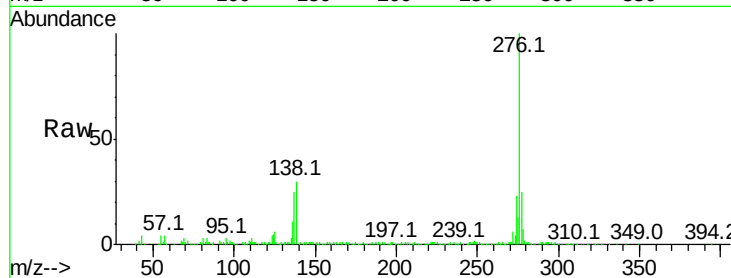
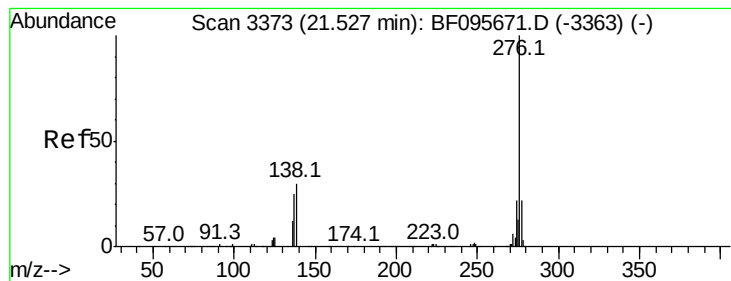


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 55.27 ng

RT: 21.53 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BF095865.D

Acq: 11 Jun 2017 00:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 278398

Ion Ratio Lower Upper

276 100

277 25.2 18.6 28.0

138 29.9 25.4 38.0

