

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096866.D
 Acq On : 19 Jul 2017 1:39
 Operator : SJ/JU
 Sample : I4203-11DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB03ADL

Quant Time: Jul 19 04:03:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	90912	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	329608	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	108285	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	164786	20.00	ng	0.00
75) Chrysene-d12	13.73	240	155136	20.00	ng	0.00
86) Perylene-d12	15.10	264	107988	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	130225	21.54	ng	0.00
7) Phenol-d6	6.25	99	164978	22.74	ng	0.00
23) Nitrobenzene-d5	7.16	82	74531	14.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	19540	21.14	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	160062	23.35	ng	0.00
78) Terphenyl-d14	12.69	244	102471	11.46	ng	0.00

Target Compounds

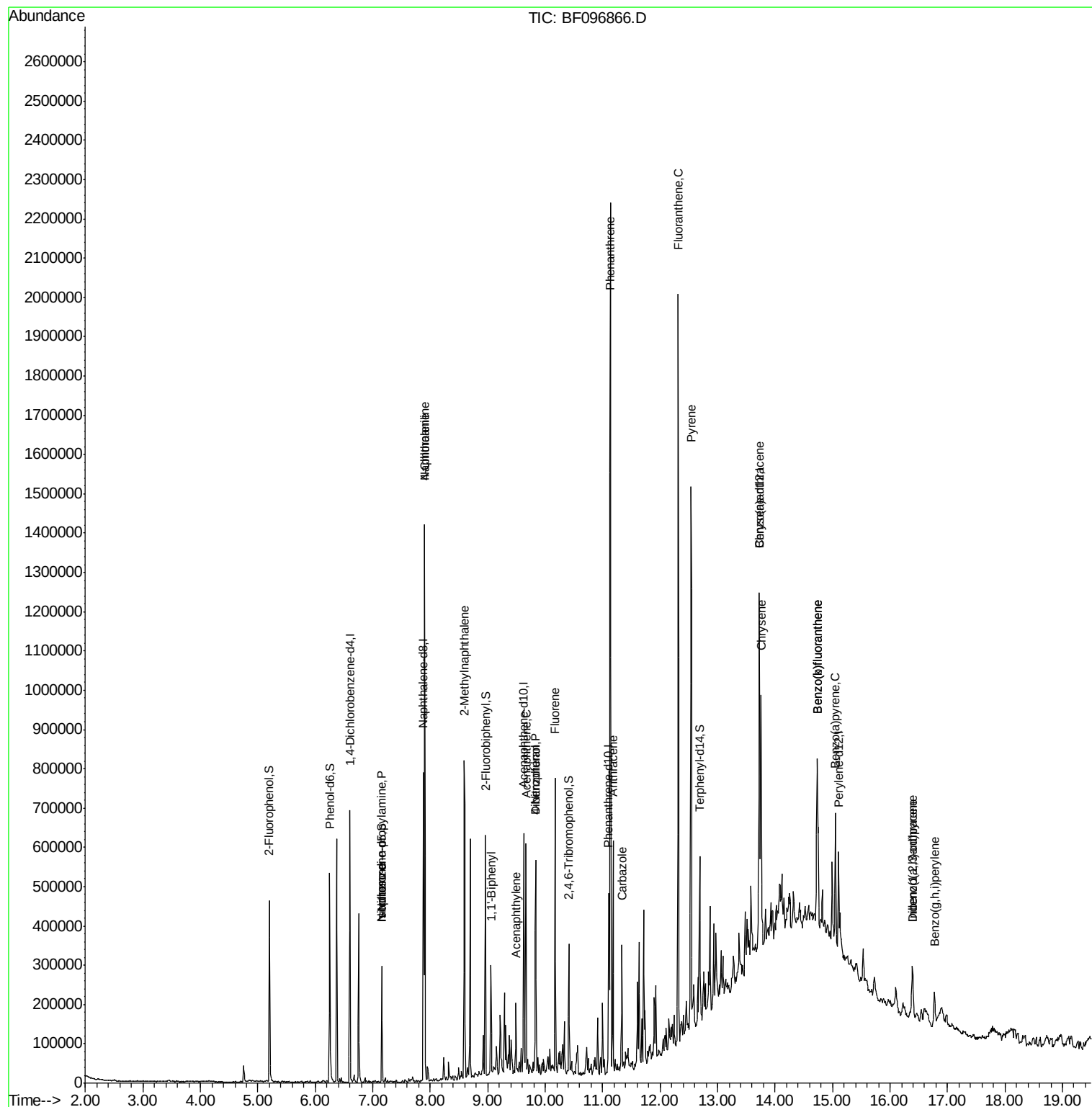
						Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	9738	2.23	ng	# 84
25) Isophorone	7.16	82	74529	7.53	ng	# 67
31) Naphthalene	7.90	128	528581	33.85	ng	99
33) 4-Chloroaniline	7.90	127	70290	11.36	ng	# 35
37) 2-Methylnaphthalene	8.59	142	214195	21.52	ng	98
45) 1,1'-Biphenyl	9.06	154	60473	6.51	ng	98
48) Acenaphthylene	9.49	152	62757	5.76	ng	96
51) Acenaphthene	9.66	154	121225	18.83	ng	98
54) Dibenzofuran	9.83	168	182595	20.24	ng	99
55) 4-Nitrophenol	9.83	139	68827	45.03	ng	# 28
57) Fluorene	10.17	166	183331	27.50	ng	99
70) Phenanthrene	11.13	178	819117	91.42	ng	98
71) Anthracene	11.18	178	205457	22.68	ng	97
72) Carbazole	11.33	167	116660	13.30	ng	98
74) Fluoranthene	12.32	202	742157	86.54	ng	99
77) Pyrene	12.54	202	596225	42.35	ng	99
80) Benzo(a)anthracene	13.72	228	284148	29.40	ng	98
82) Chrysene	13.76	228	238150	25.03	ng	97
85) Indeno(1,2,3-cd)pyrene	16.39	276	71591	11.07	ng	93
87) Benzo(b)fluoranthene	14.73	252	290805	44.65	ng	# 96
88) Benzo(k)fluoranthene	14.73	252	290805	47.15	ng	99
89) Benzo(a)pyrene	15.05	252	140390	23.50	ng	# 95
90) Dibenzo(a,h)anthracene	16.39	278	18744	3.41	ng	# 81
91) Benzo(g,h,i)perylene	16.77	276	63249	10.75	ng	97

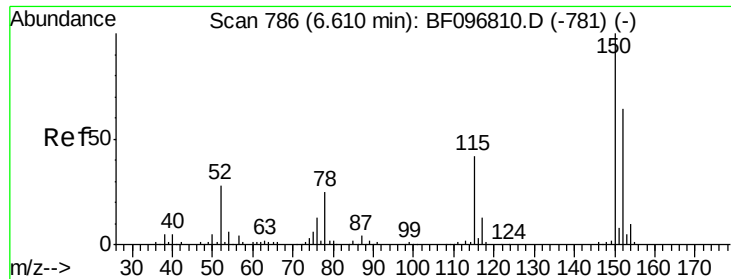
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

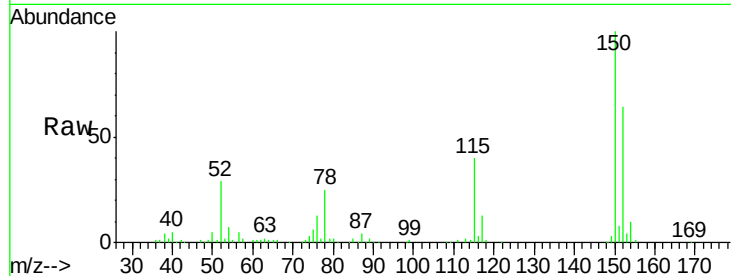
Tot Ion:152 Resp: 90912

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

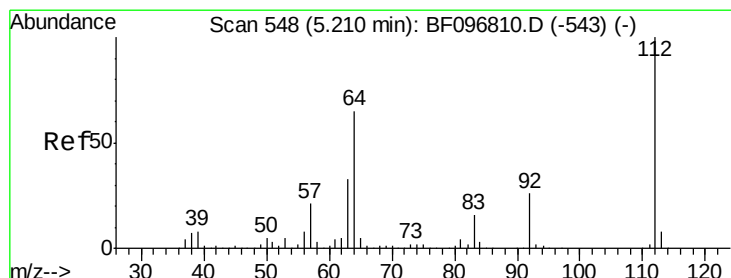
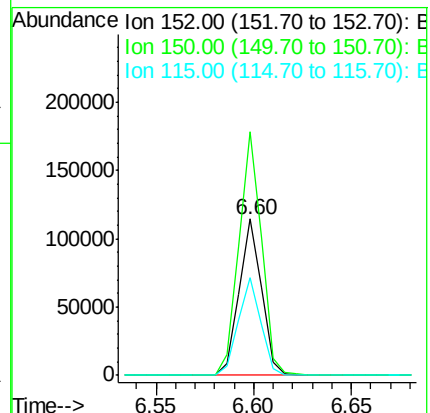
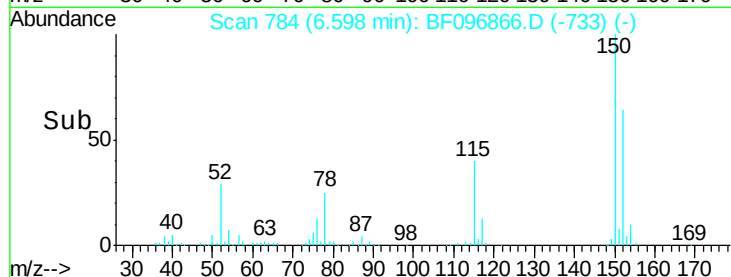
115 62.8 52.2 78.2



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: 21.54 ng

RT: 5.20 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

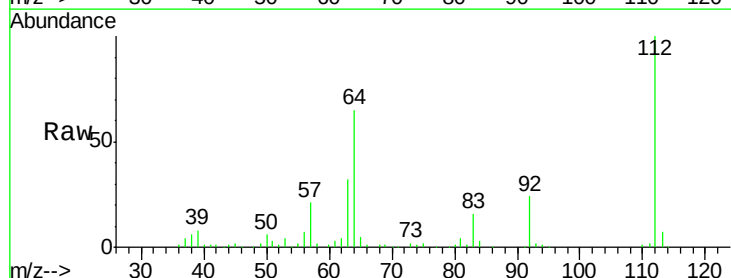
Tgt Ion:112 Resp: 130225

Ion Ratio Lower Upper

112 100

64 64.9 46.0 69.0

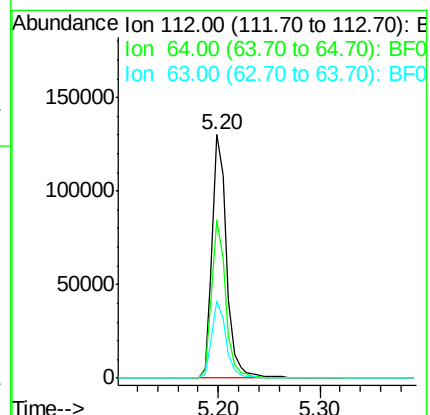
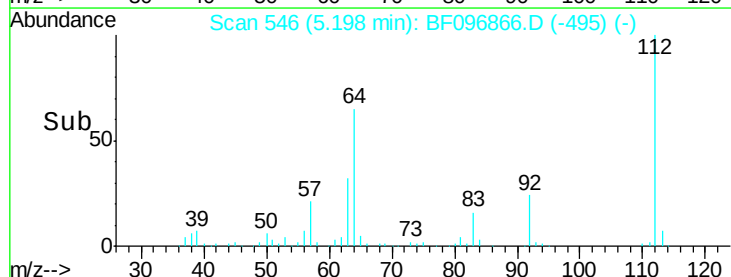
63 31.5 23.4 35.0

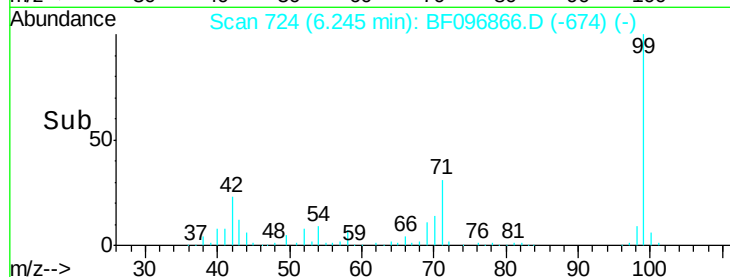
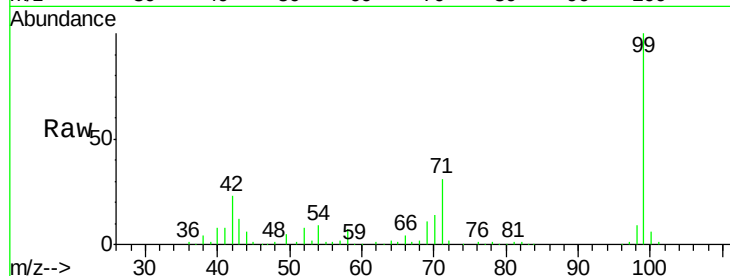
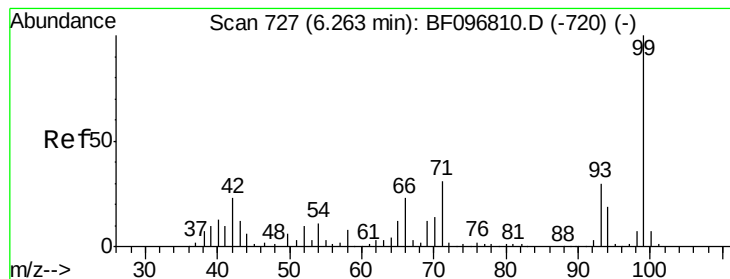


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.74 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

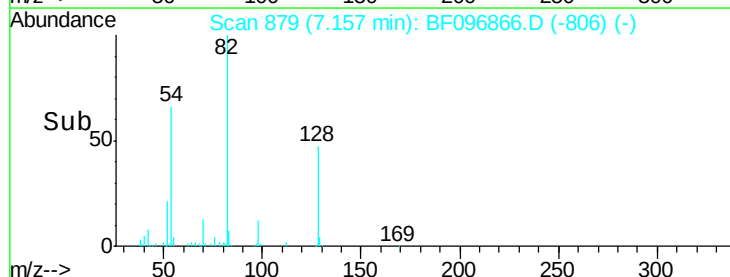
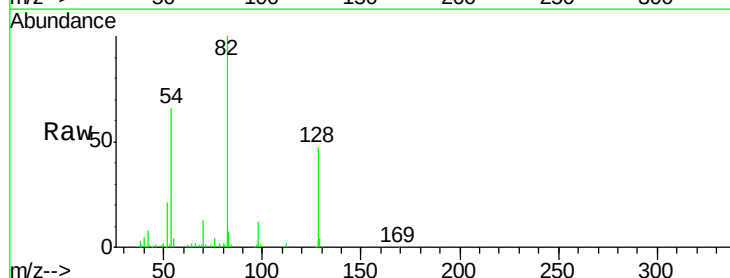
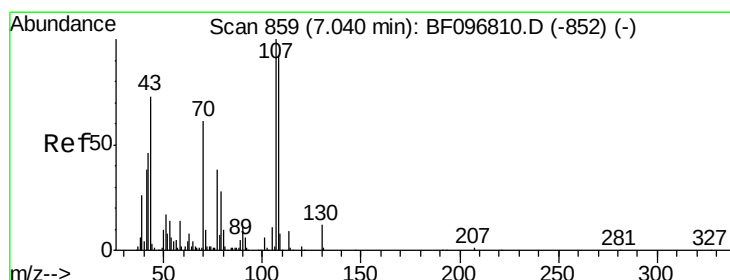
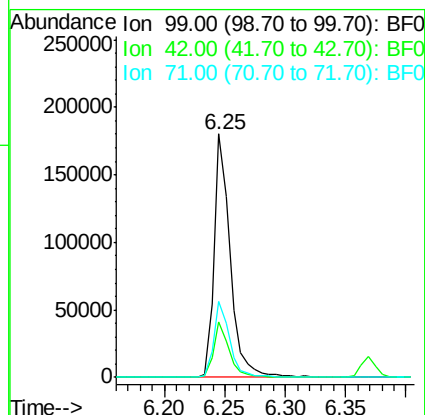
Tot Ion: 99 Resp: 164978

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

71 31.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.23 ng

RT: 7.16 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Tgt Ion: 70 Resp: 9738

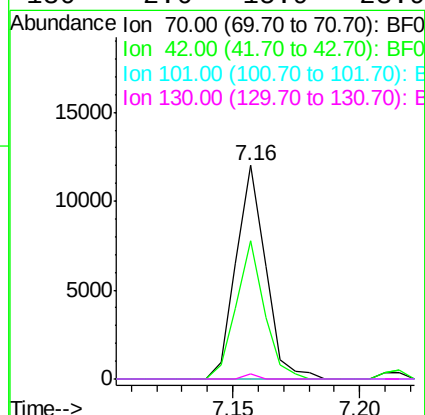
Ion Ratio Lower Upper

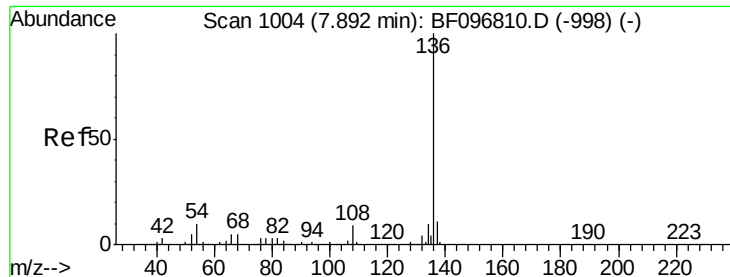
70 100

42 64.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

Tot Ion:136 Resp: 329608

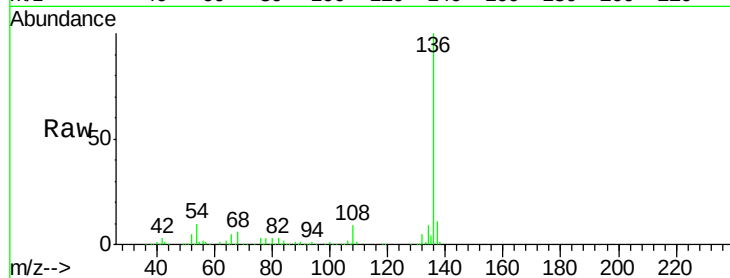
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.9 4.9 7.3#

68 5.6 4.1 6.1

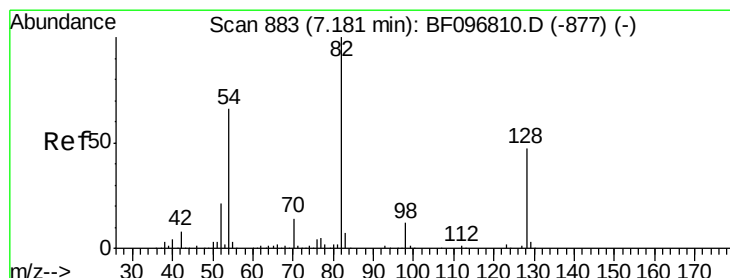
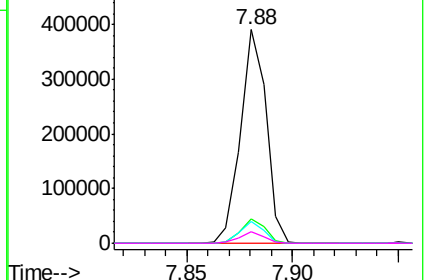
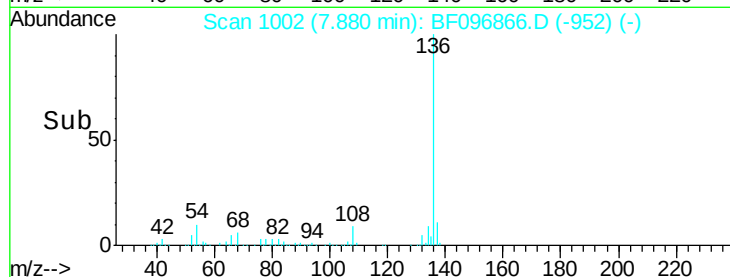


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.01 ng

RT: 7.16 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

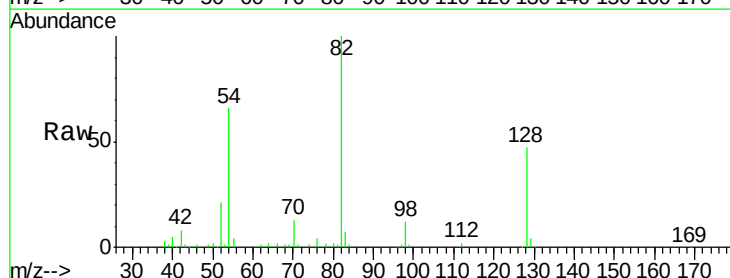
Tgt Ion: 82 Resp: 74531

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

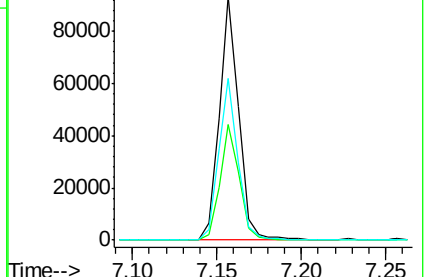
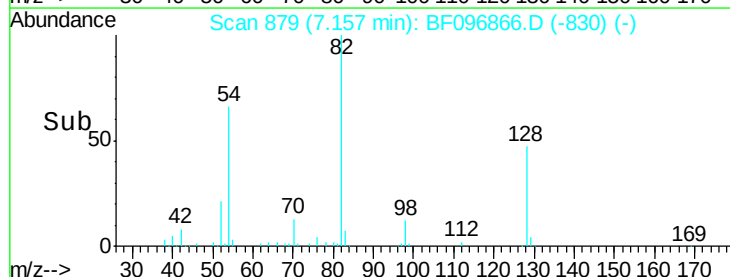
54 66.4 42.2 63.2#

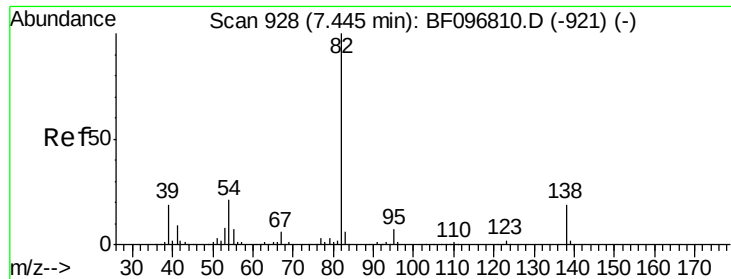


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 7.53 ng

RT: 7.16 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

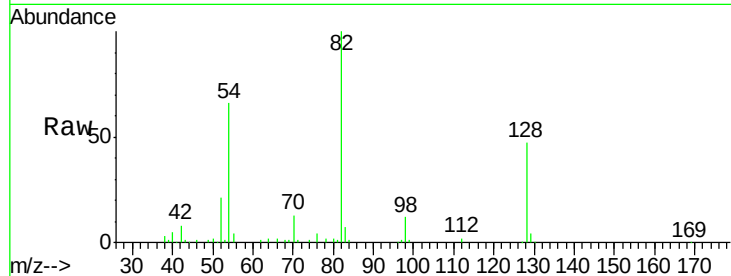
Tot Ion: 82 Resp: 74529

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

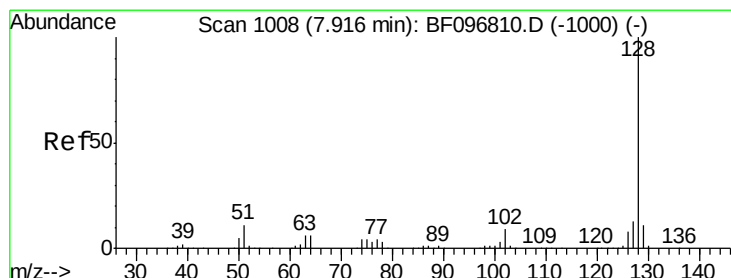
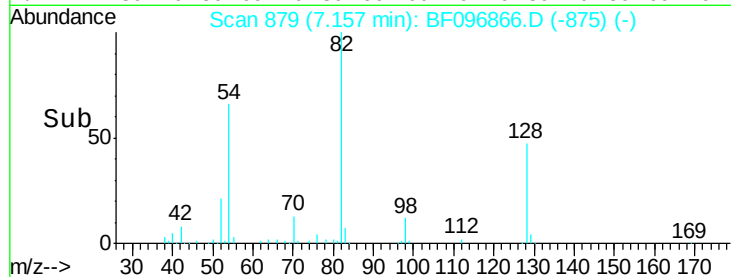
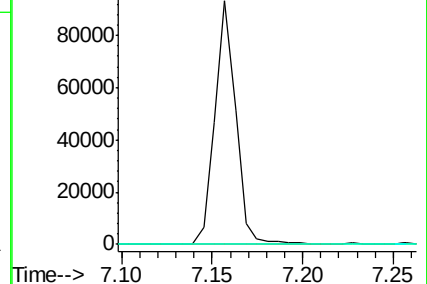
138 0.0 13.1 19.7#



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: 33.85 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

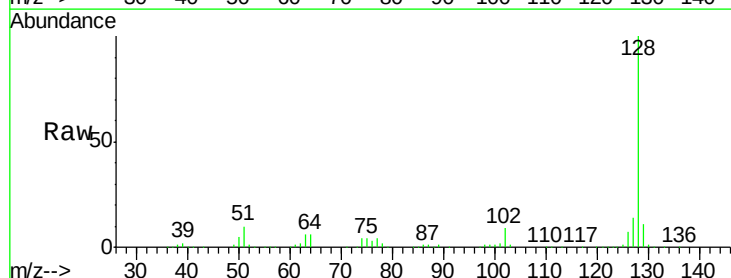
Tgt Ion: 128 Resp: 528581

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

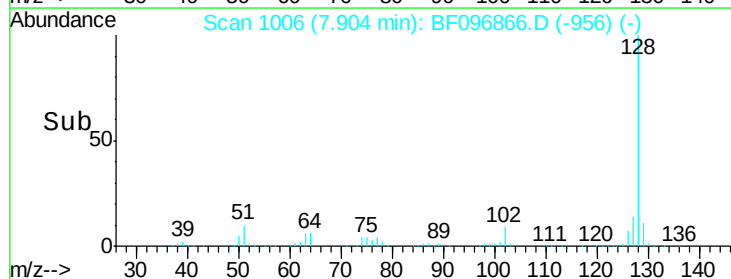
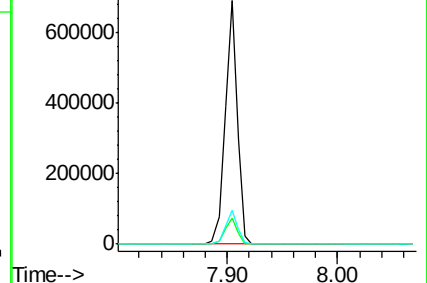
127 13.6 10.8 16.2

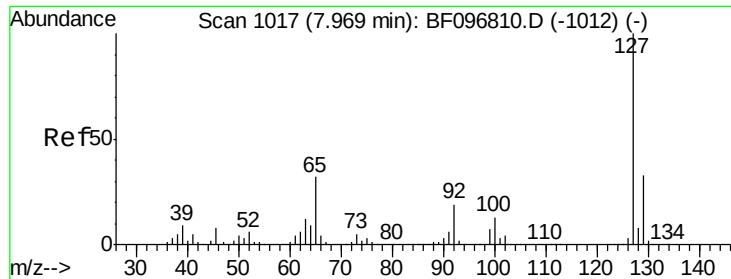


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

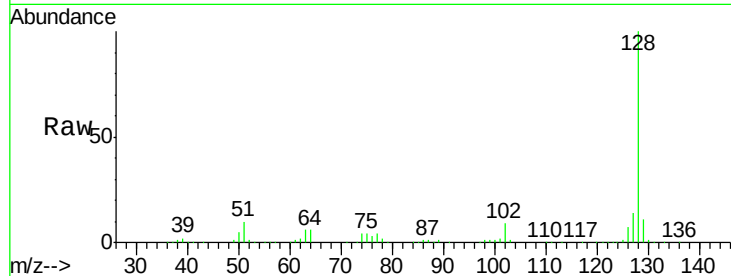




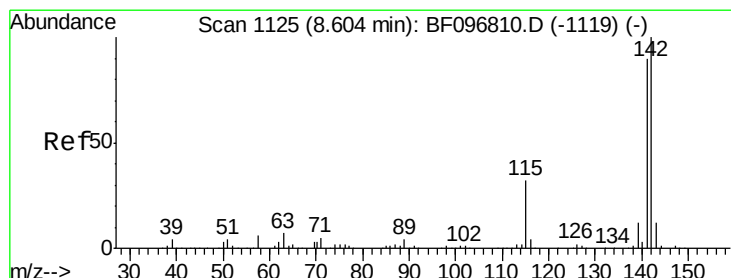
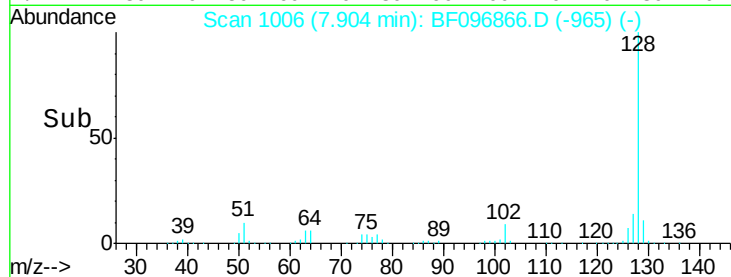
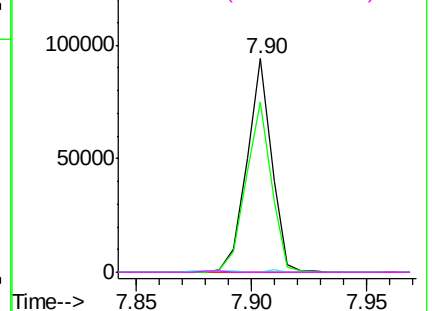
#33
4-Chloroaniline
Concen: 11.36 ng
RT: 7.90 min Scan# 1006
Delta R.T. -0.06 min
Lab File: BF096866.D
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Instrument :
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Tot Ion:	127	Resp:	70290
Ion	Ratio	Lower	Upper
127	100		
129	80.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

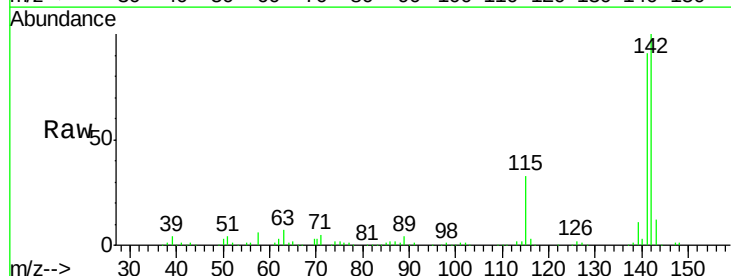


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

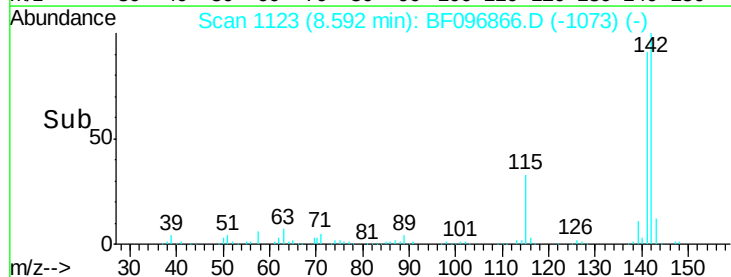
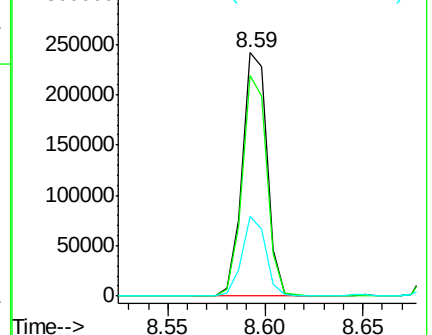


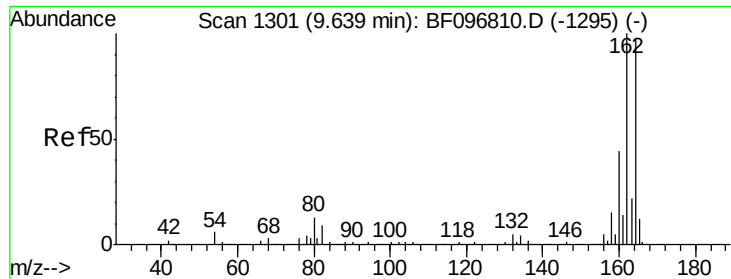
#37
2-Methylnaphthalene
Concen: 21.52 ng
RT: 8.59 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF096866.D
Acq: 19 Jul 2017 1:39

Tgt Ion:	142	Resp:	214195
Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	32.6	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: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

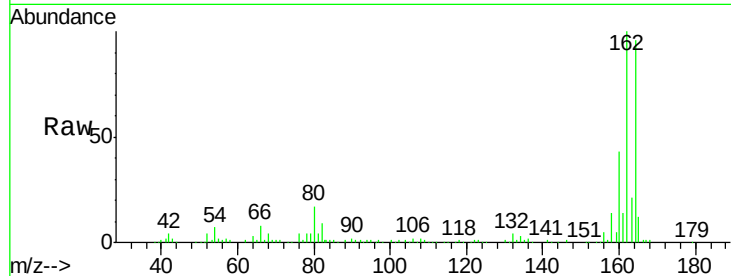
Tot Ion:164 Resp: 108285

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

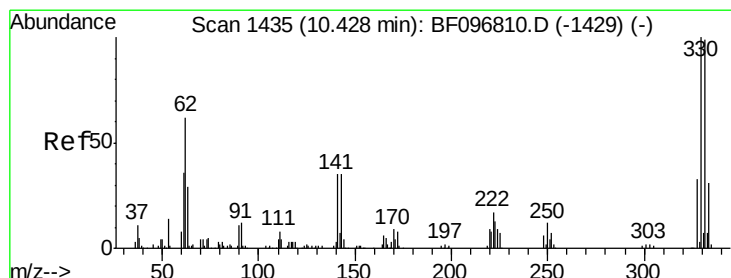
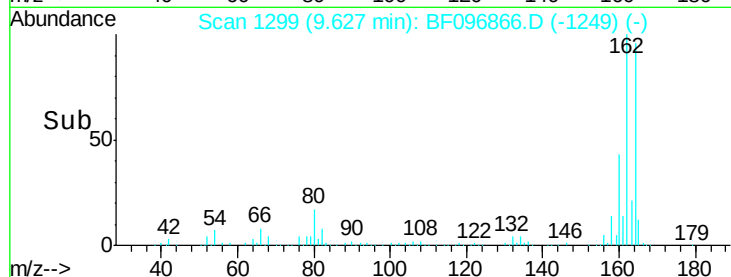
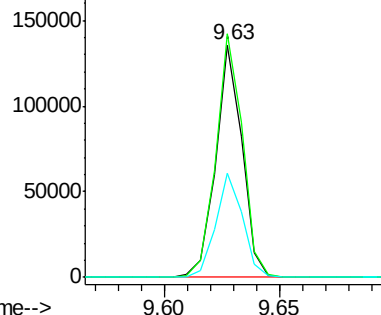
160 44.5 36.2 54.2



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: 21.14 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

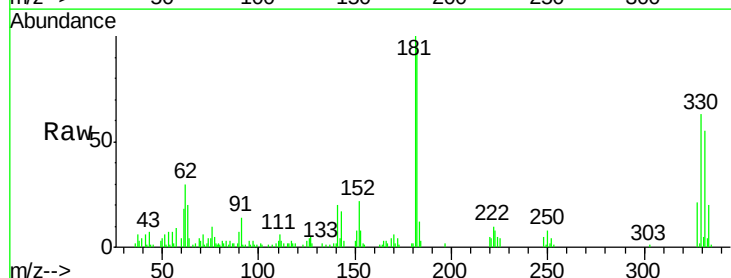
Tgt Ion:330 Resp: 19540

Ion Ratio Lower Upper

330 100

332 93.6 76.6 115.0

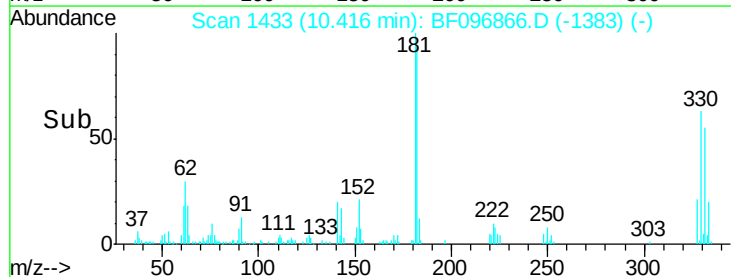
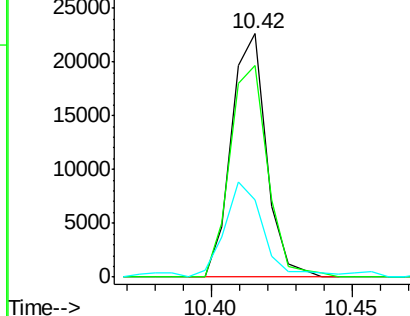
141 44.9 31.4 47.2

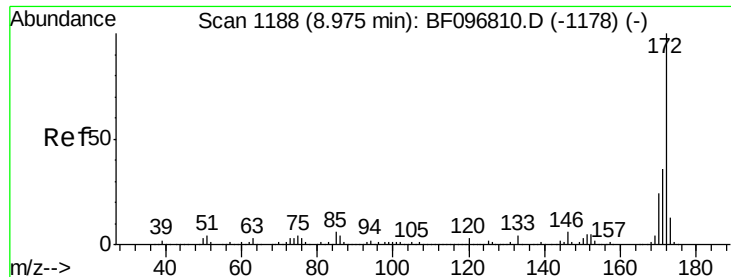


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

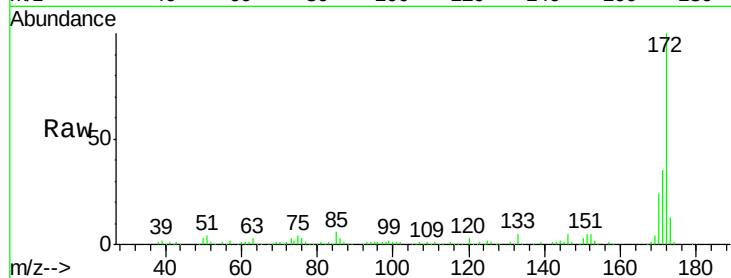




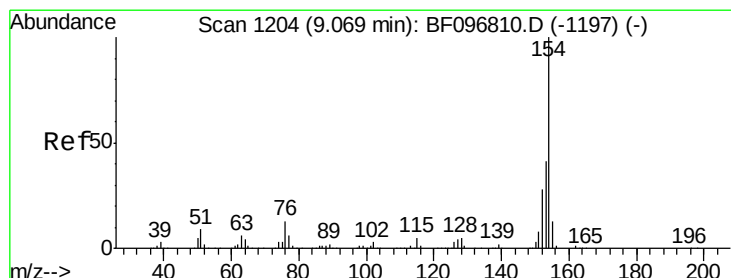
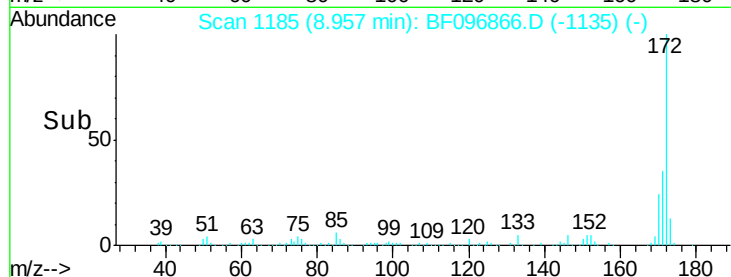
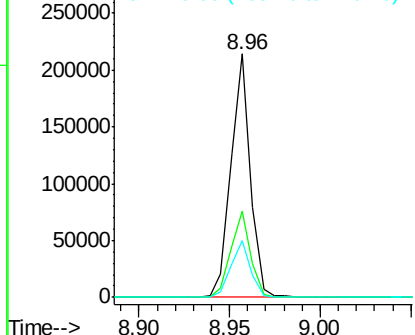
#44
2-Fluorobiphenyl
Concen: 23.35 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096866.D
Acq: 19 Jul 2017 1:39

Instrument :
BNA_F
ClientSampleId :
NB-SB03ADL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.5	19.8	29.8

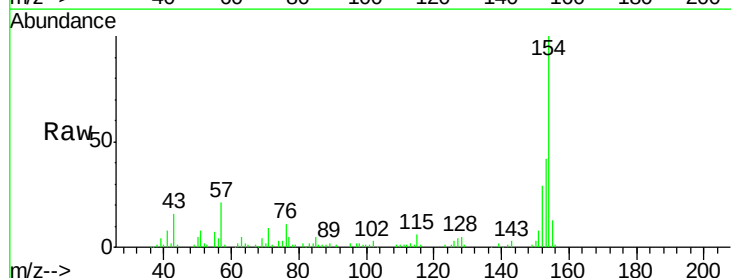


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

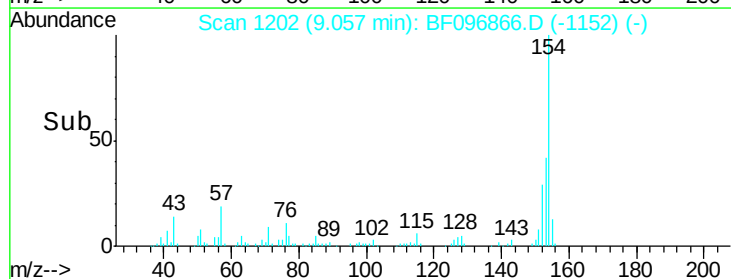
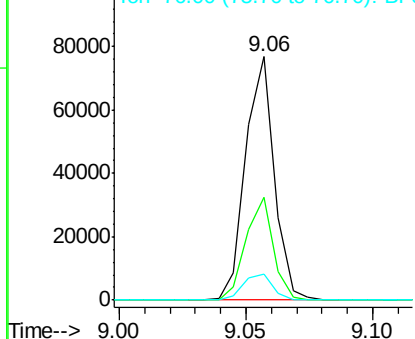


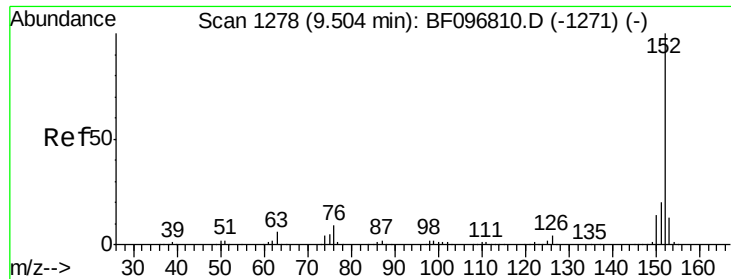
#45
1,1'-Biphenyl
Concen: 6.51 ng
RT: 9.06 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF096866.D
Acq: 19 Jul 2017 1:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.2	61.2
76	10.6	0.0	29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 5.76 ng

RT: 9.49 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

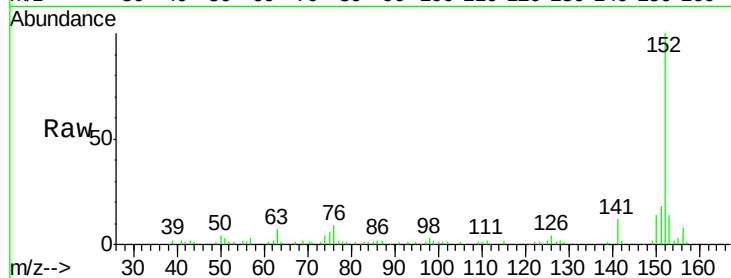
Tot Ion:152 Resp: 62757

Ion Ratio Lower Upper

152 100

151 18.1 16.8 25.2

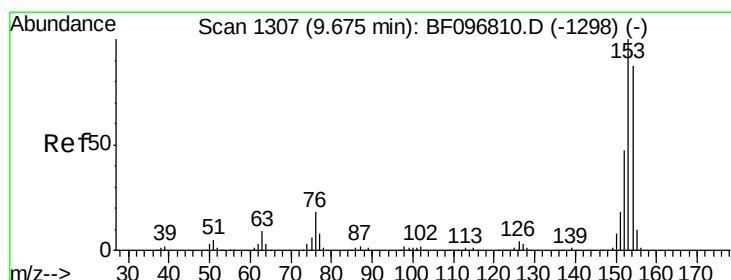
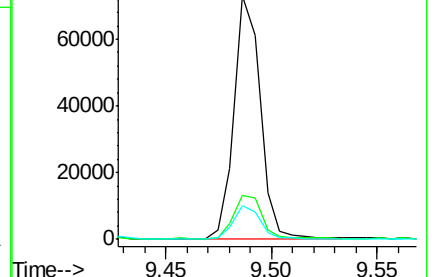
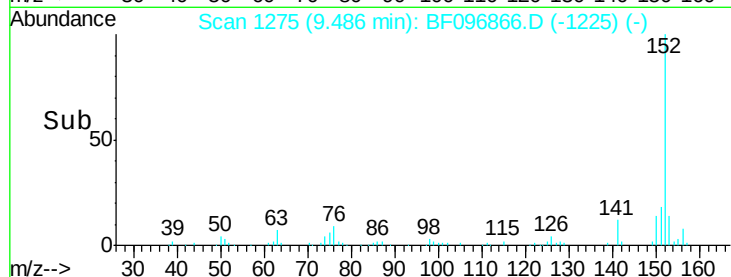
153 13.9 10.8 16.2



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



#51

Acenaphthene

Concen: 18.83 ng

RT: 9.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

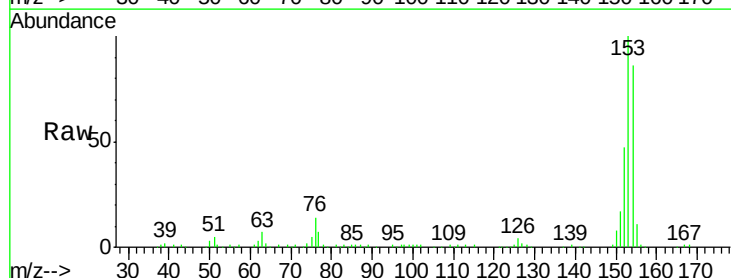
Tgt Ion:154 Resp: 121225

Ion Ratio Lower Upper

154 100

153 116.7 90.5 135.7

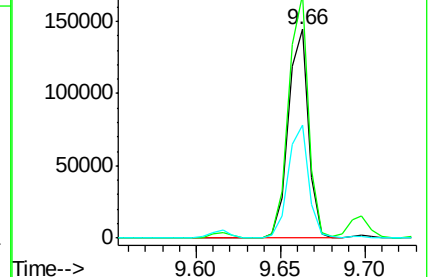
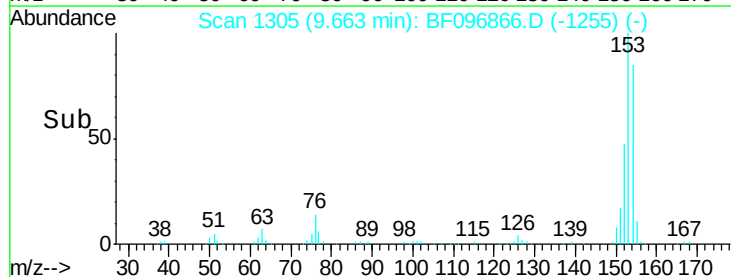
152 54.4 43.6 65.4

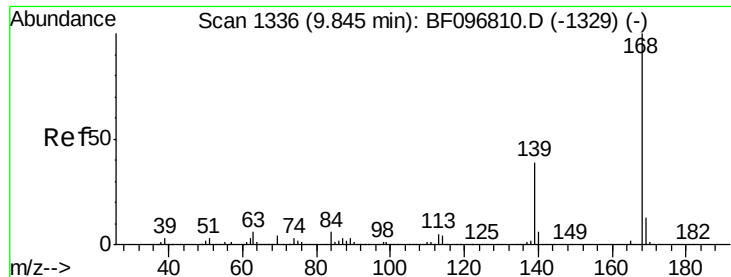


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 20.24 ng

RT: 9.83 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

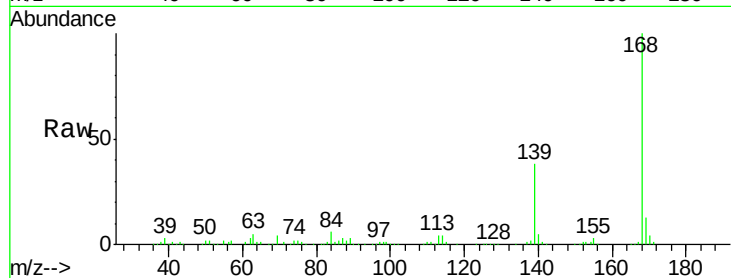
Tot Ion:168 Resp: 182595

Ion Ratio Lower Upper

168 100

139 38.4 30.6 45.8

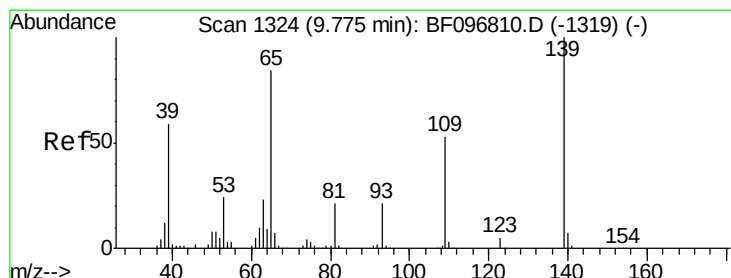
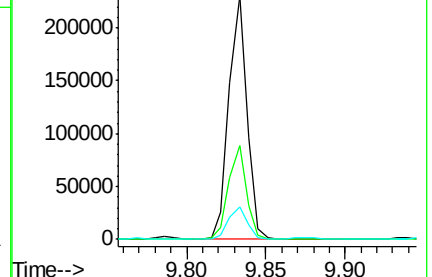
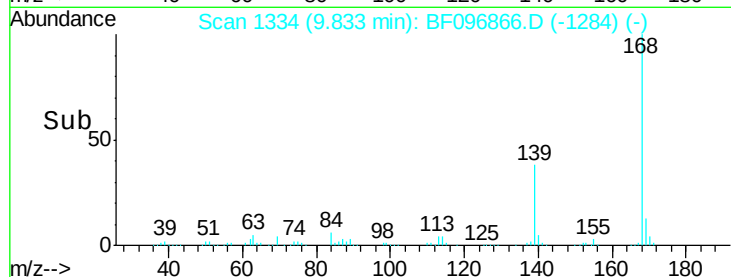
169 13.1 10.8 16.2



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: 45.03 ng

RT: 9.83 min Scan# 1334

Delta R.T. 0.07 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

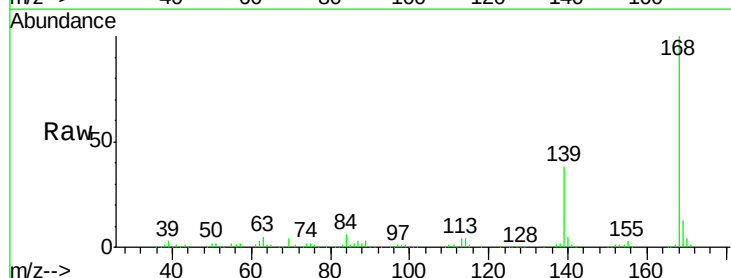
Tgt Ion:139 Resp: 68827

Ion Ratio Lower Upper

139 100

109 1.3 34.1 74.1#

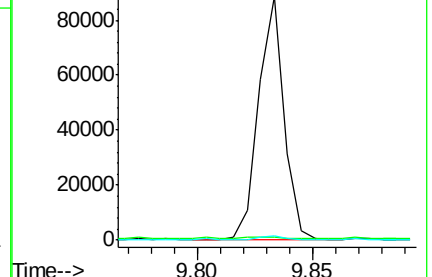
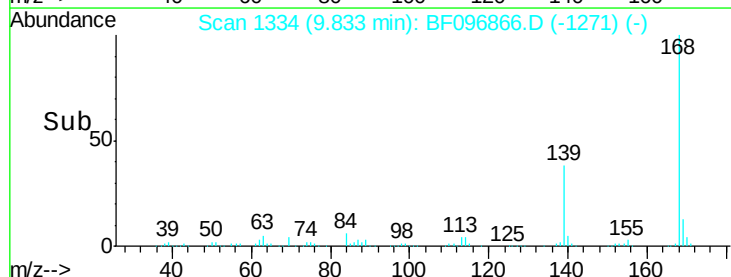
65 1.9 31.4 71.4#

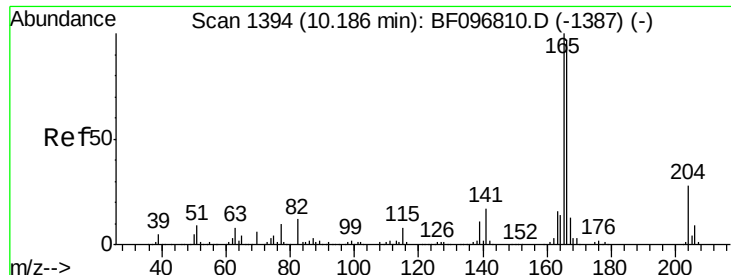


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 27.50 ng

RT: 10.17 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

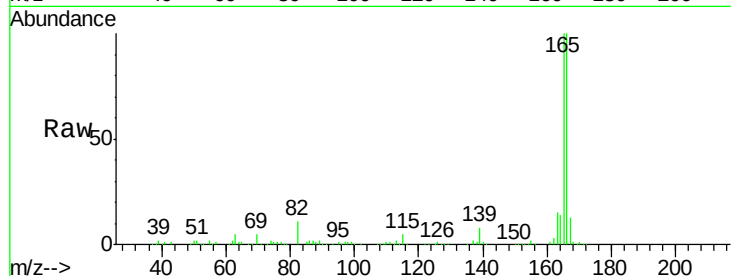
Tot Ion:166 Resp: 183331

Ion Ratio Lower Upper

166 100

165 100.1 78.8 118.2

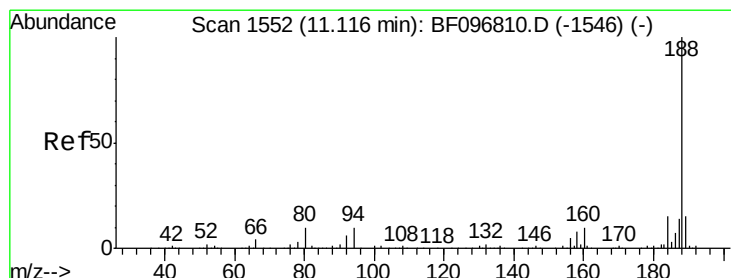
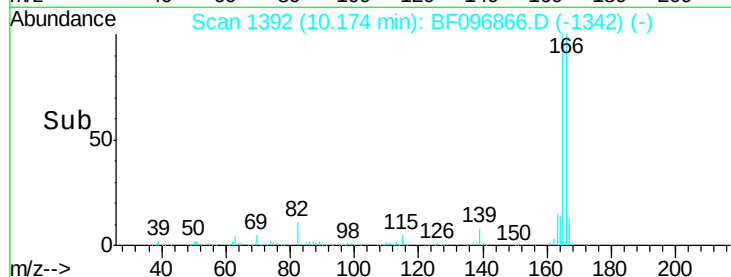
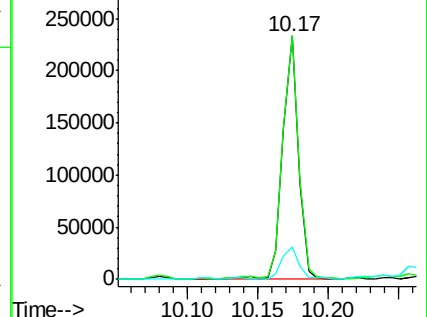
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

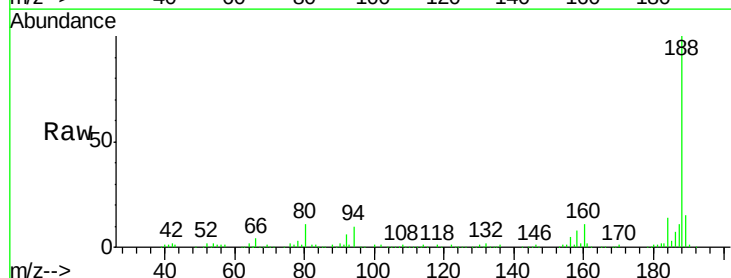
Tgt Ion:188 Resp: 164786

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

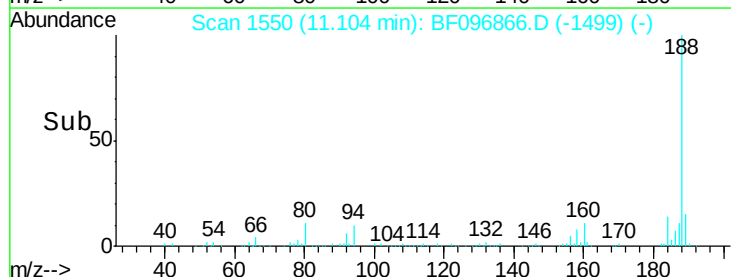
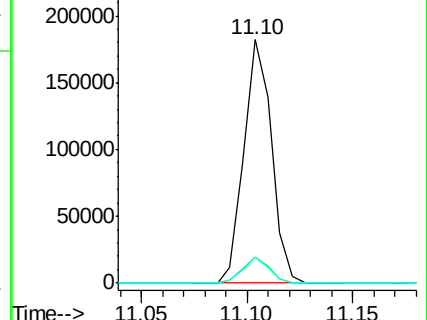
80 10.8 10.2 15.2

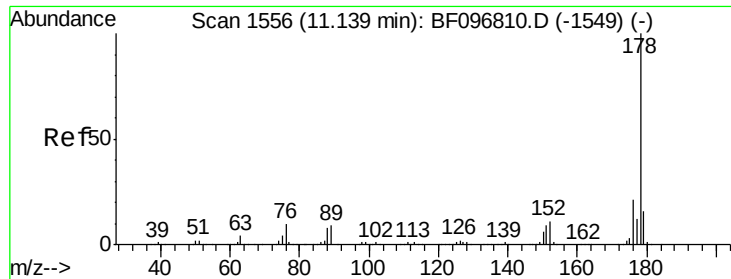


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 91.42 ng

RT: 11.13 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

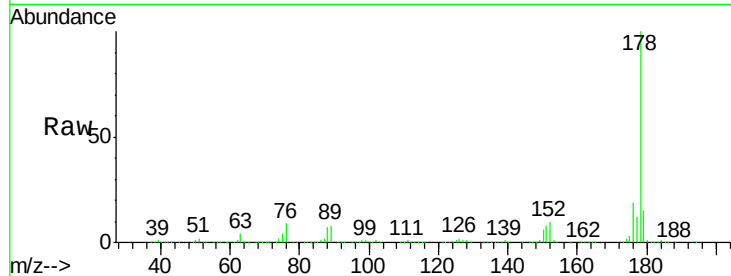
Tot Ion:178 Resp: 819117

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

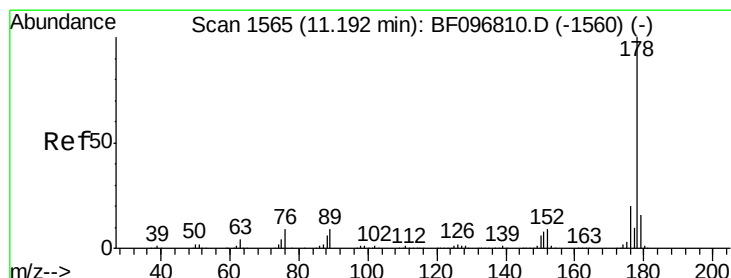
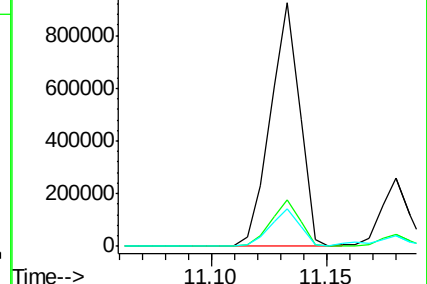
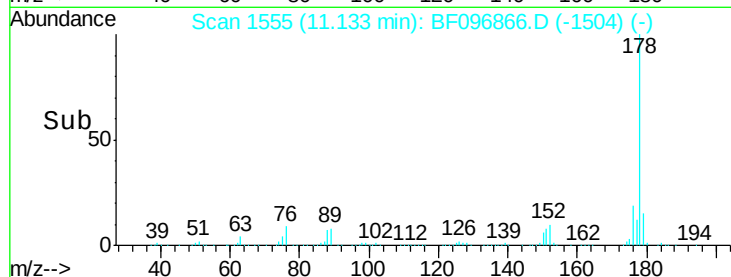
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 22.68 ng

RT: 11.18 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

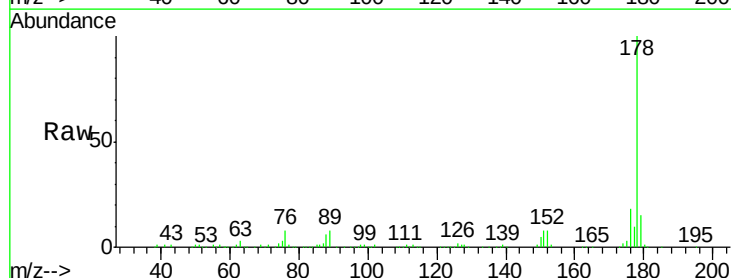
Tgt Ion:178 Resp: 205457

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

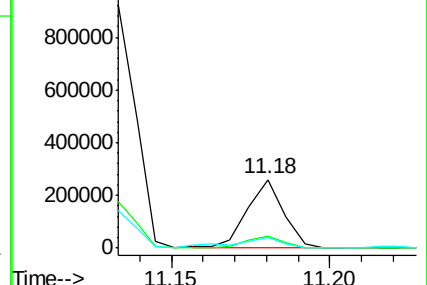
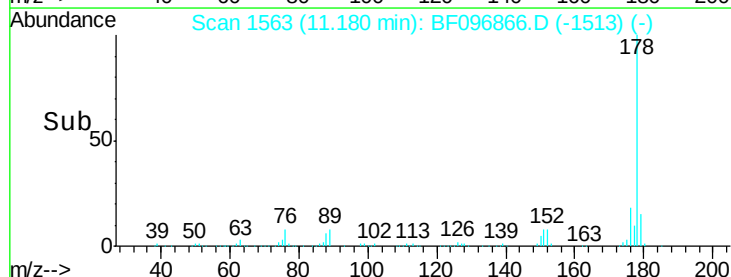
179 15.0 12.7 19.1

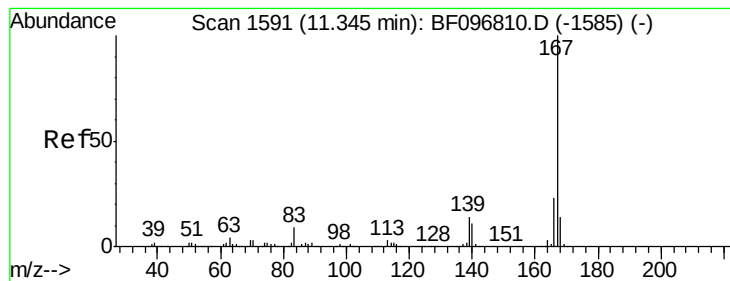


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 13.30 ng

RT: 11.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

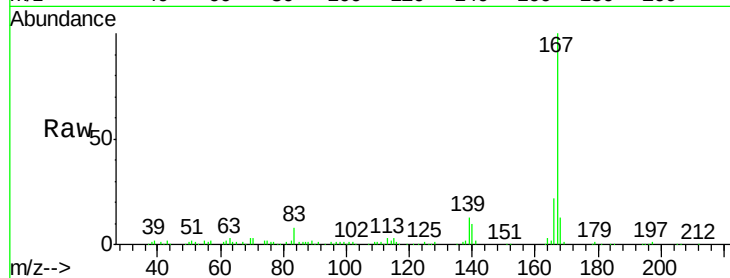
Tot Ion:167 Resp: 116660

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

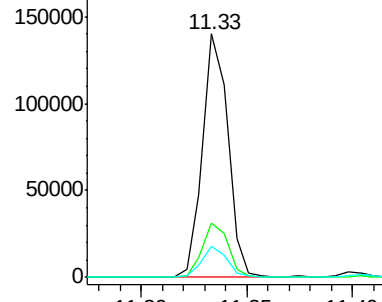
139 12.6 11.7 17.5



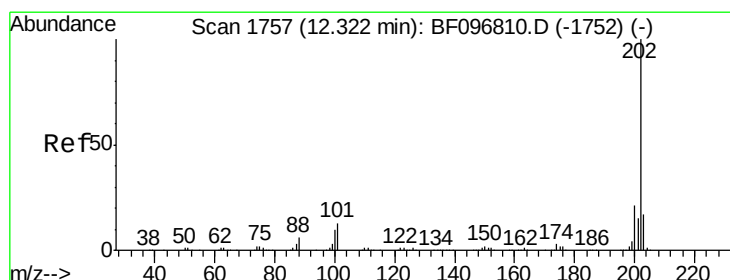
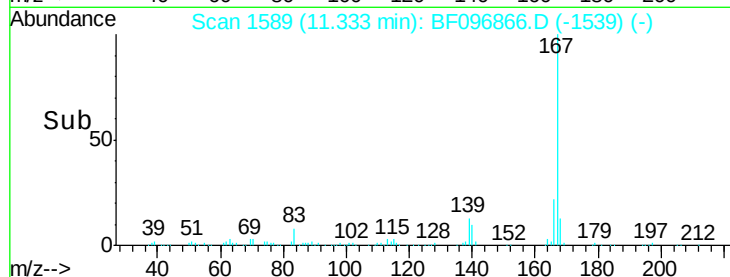
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Fluoranthene

Concen: 86.54 ng

RT: 12.32 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

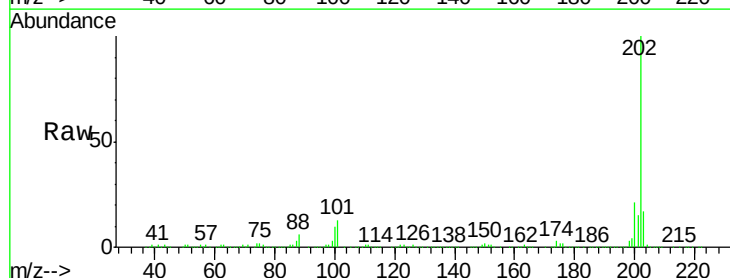
Tgt Ion:202 Resp: 742157

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

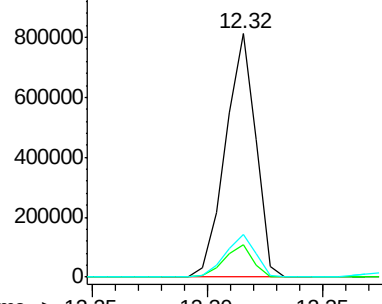
203 17.4 0.0 38.1



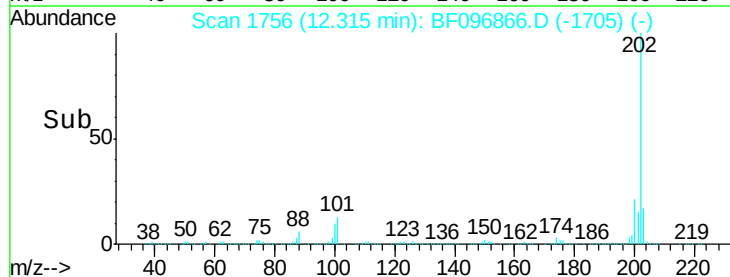
Abundance Ion 202.00 (201.70 to 202.70): E

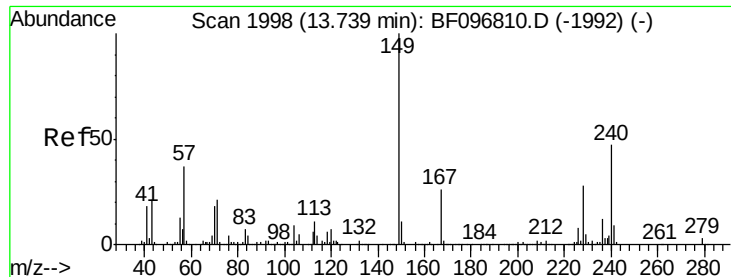
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

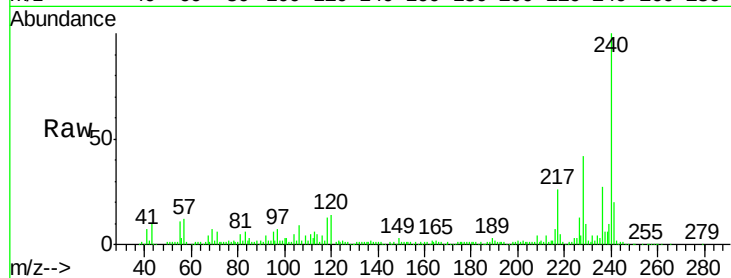
Tot Ion:240 Resp: 155136

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

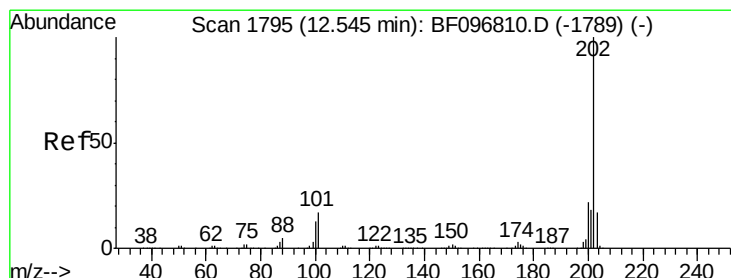
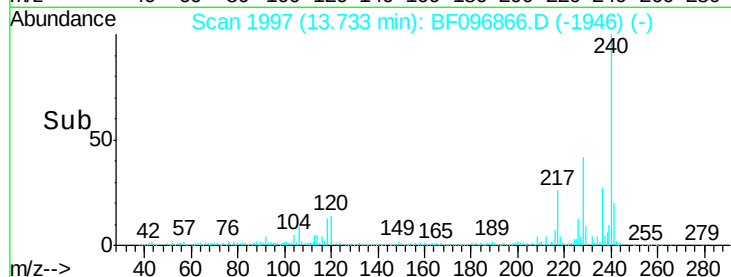
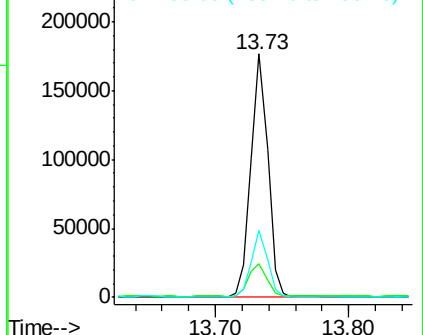
236 27.4 20.5 30.7



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

Pyrene

Concen: 42.35 ng

RT: 12.54 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

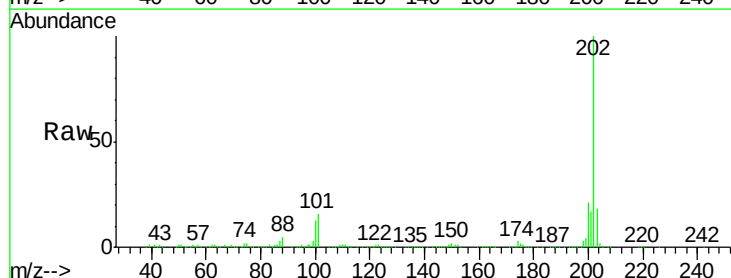
Tgt Ion:202 Resp: 596225

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

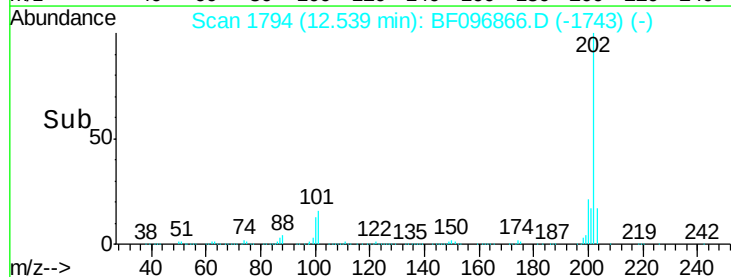
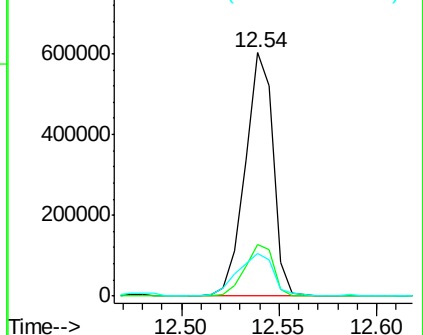
203 17.6 14.4 21.6

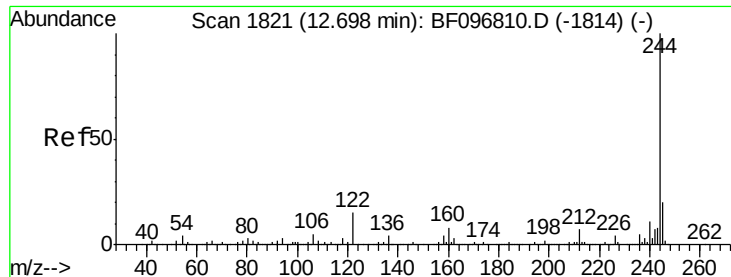


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.46 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

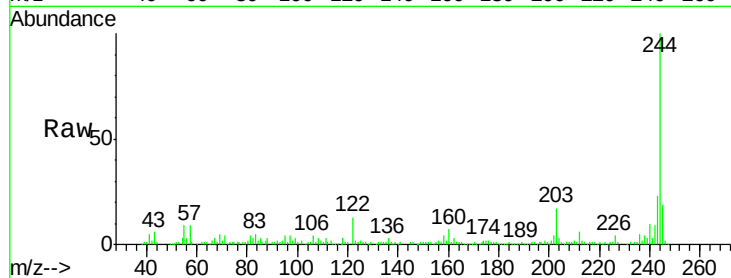
Tot Ion:244 Resp: 102471

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

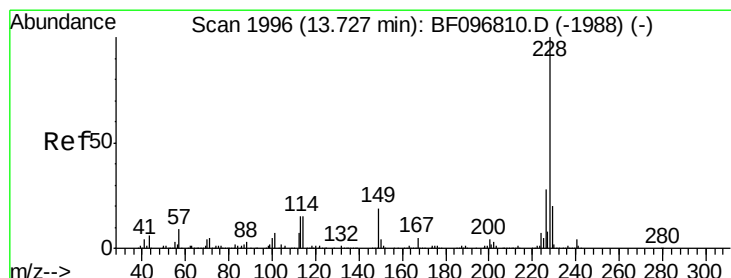
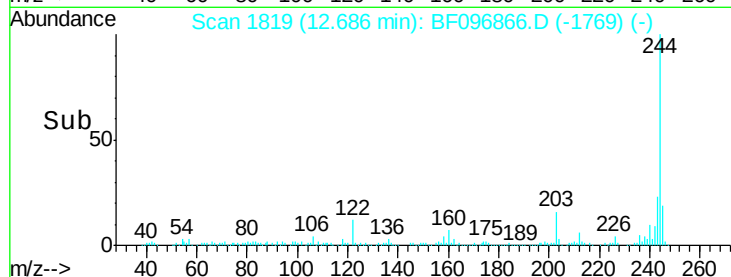
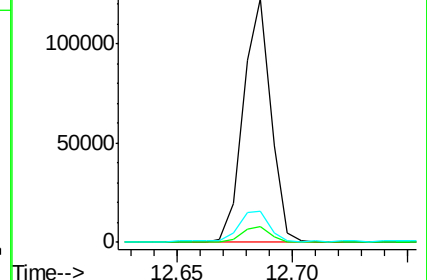
122 12.7 10.3 15.5



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: 29.40 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

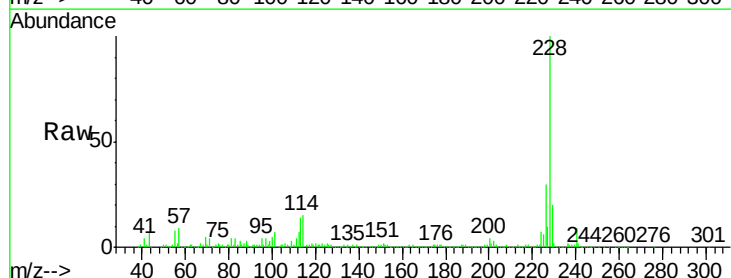
Tgt Ion:228 Resp: 284148

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

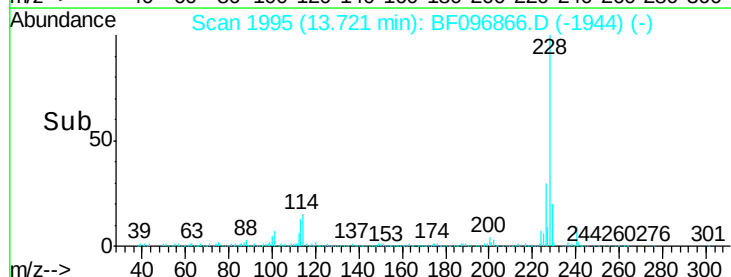
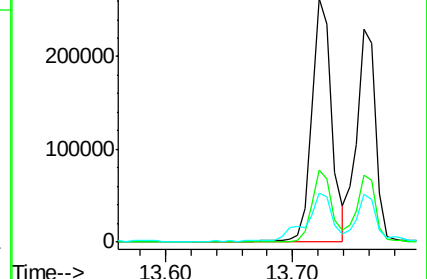
229 20.3 16.3 24.5

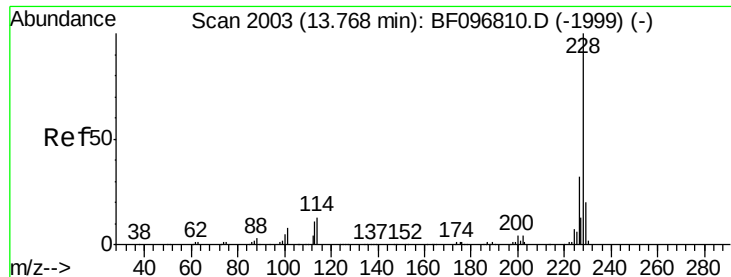


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 25.03 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

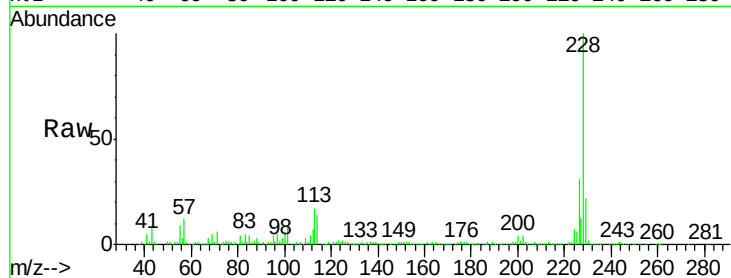
Tot Ion:228 Resp: 238150

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

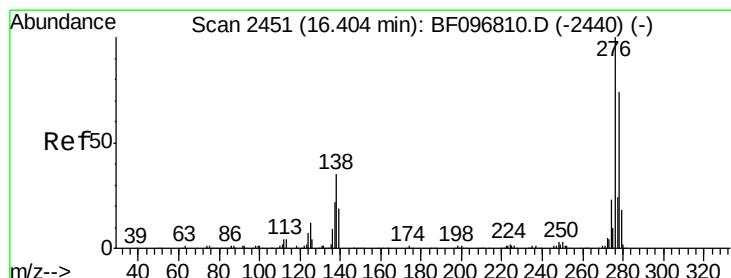
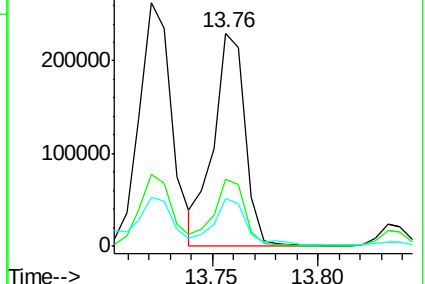
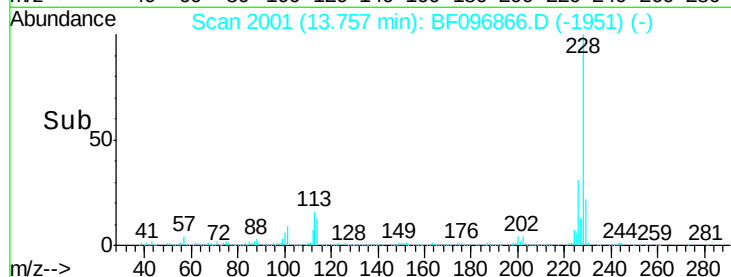
229 22.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 11.07 ng

RT: 16.39 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

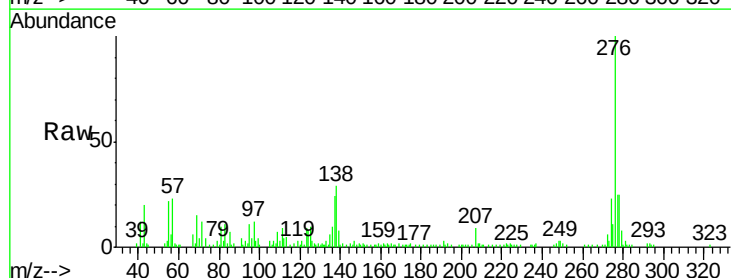
Tgt Ion:276 Resp: 71591

Ion Ratio Lower Upper

276 100

138 29.0 27.8 41.6

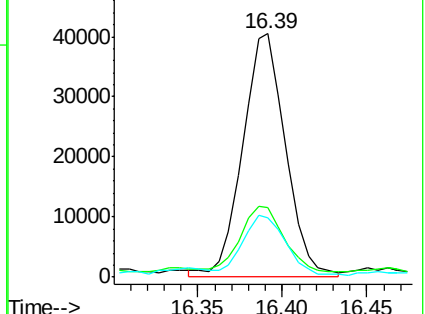
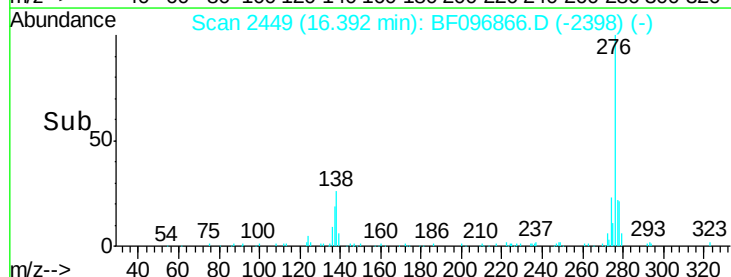
277 24.0 20.2 30.4

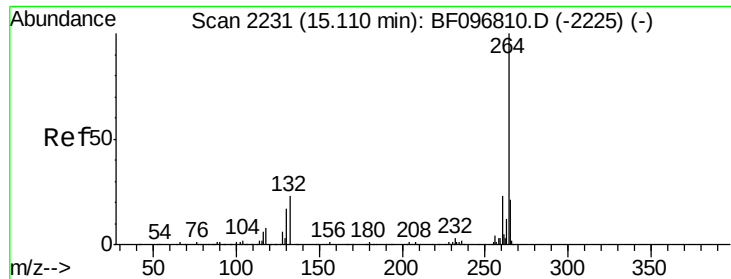


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

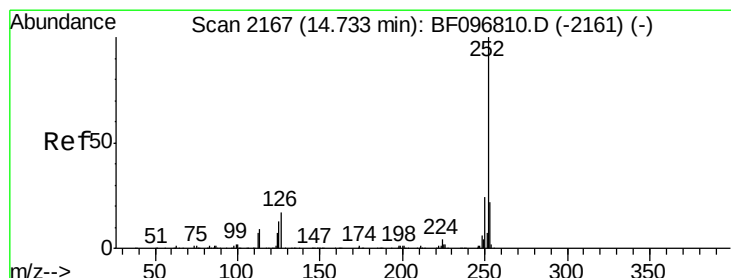
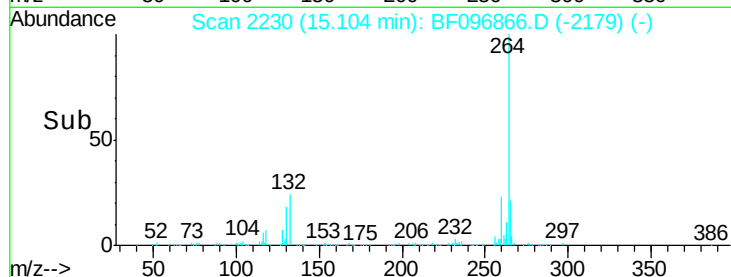
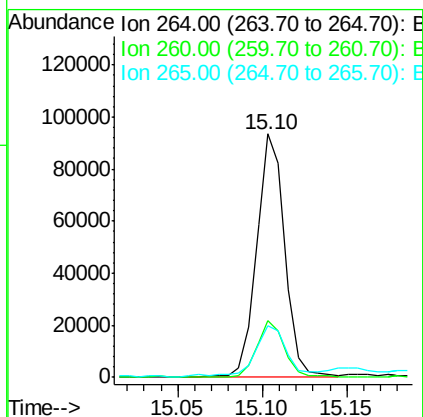
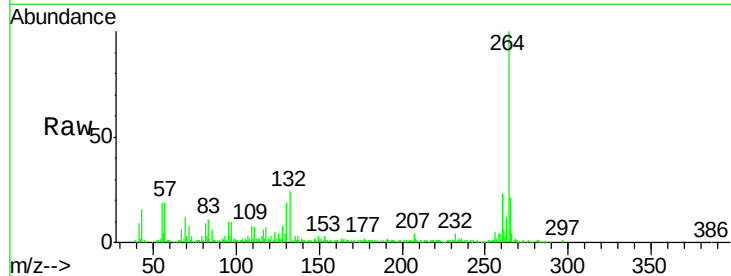




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF096866.D
Acq: 19 Jul 2017 1:39

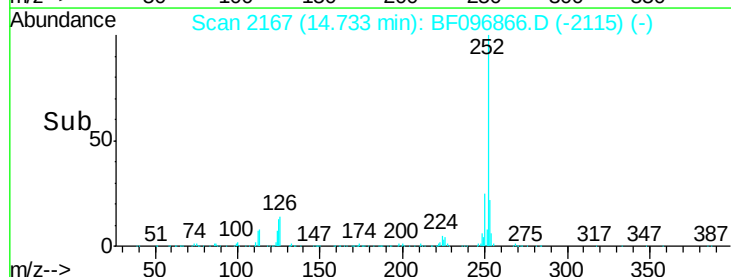
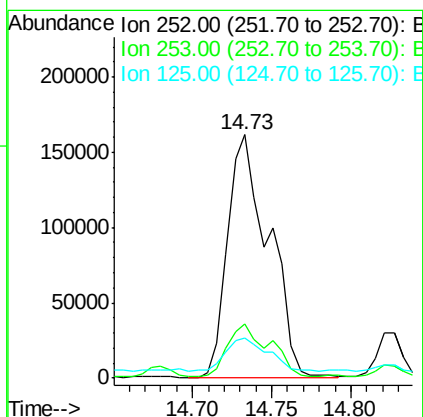
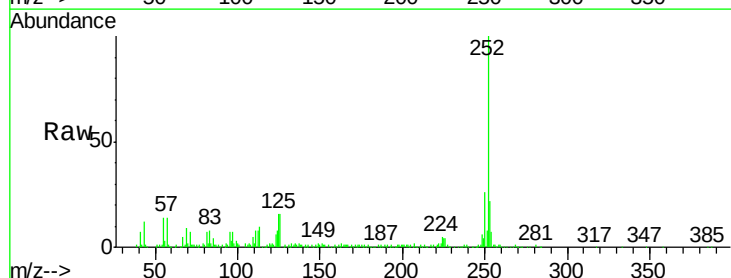
Instrument :
BNA_F
ClientSampleId :
NB-SB03ADL

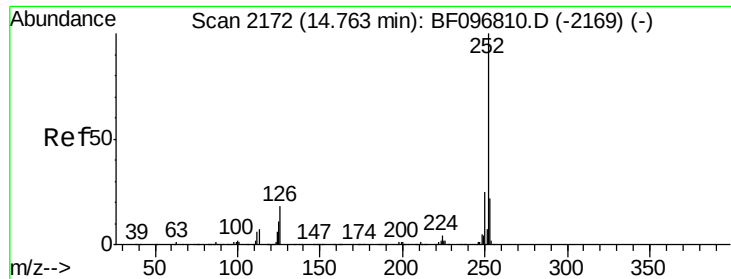
Tot Ion:264 Resp: 107988
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 44.65 ng
RT: 14.73 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF096866.D
Acq: 19 Jul 2017 1:39

Tgt Ion:252 Resp: 290805
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 16.3 9.8 14.8#

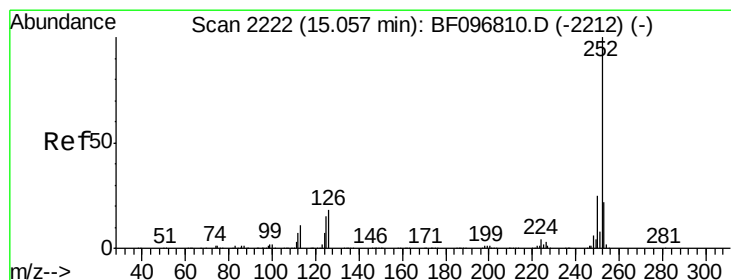
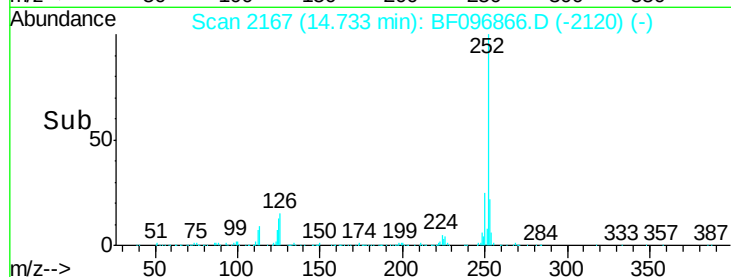
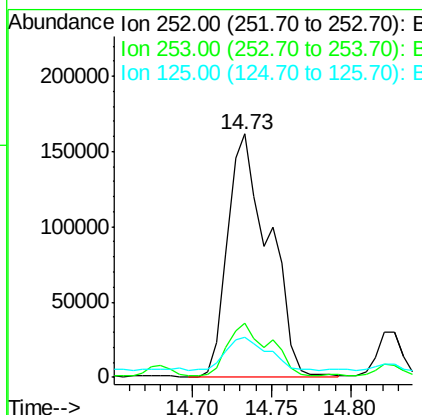
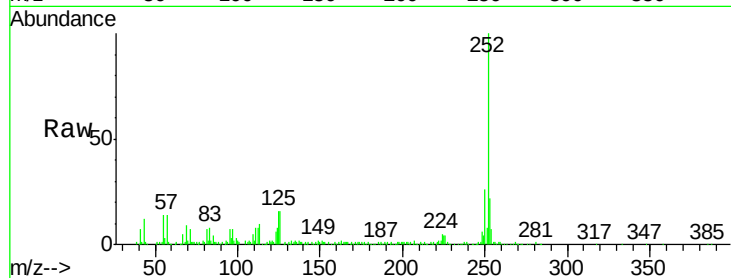




#88
Benzo(k)fluoranthene
Concen: 47.15 ng
RT: 14.73 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096866.D
Acq: 19 Jul 2017 1:39

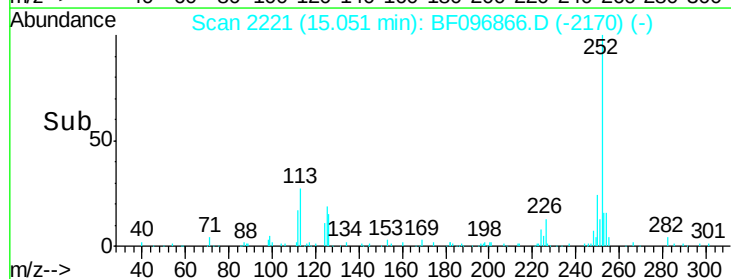
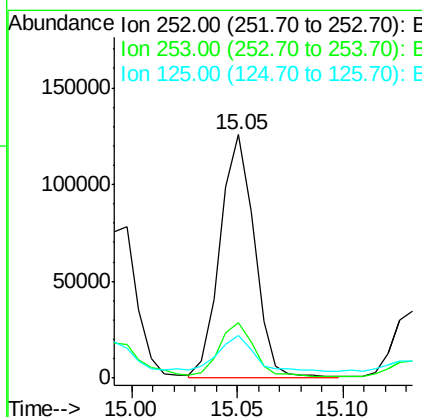
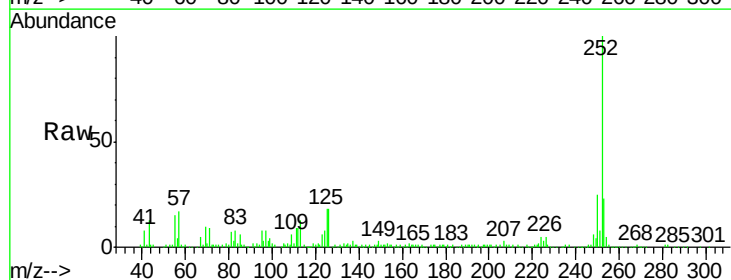
Instrument :
BNA_F
ClientSampleId :
NB-SB03ADL

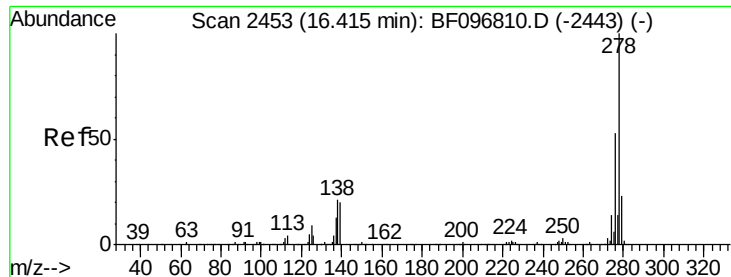
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	16.3	13.1	19.7



#89
Benzo(a)pyrene
Concen: 23.50 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF096866.D
Acq: 19 Jul 2017 1:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	17.6	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 3.41 ng

RT: 16.39 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

Instrument :

BNA_F

ClientSampleId :

NB-SB03ADL

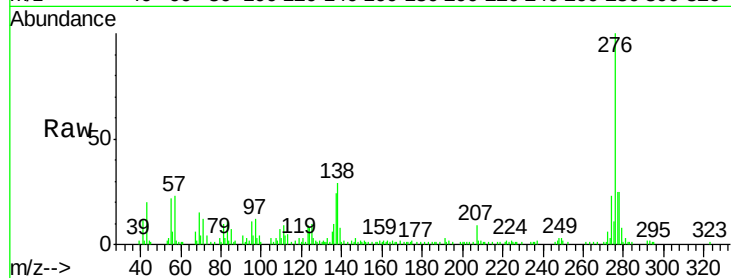
Tot Ion:278 Resp: 18744

Ion Ratio Lower Upper

278 100

139 32.2 16.6 24.8#

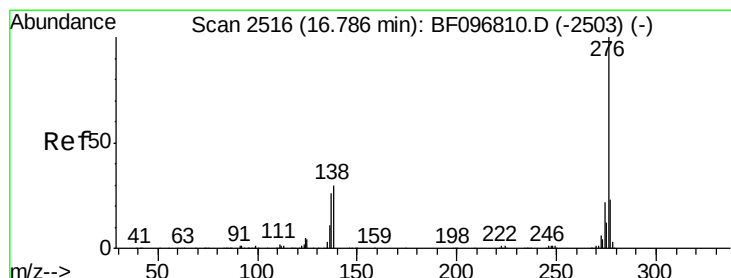
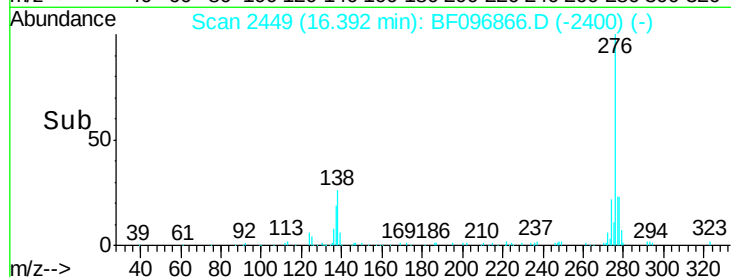
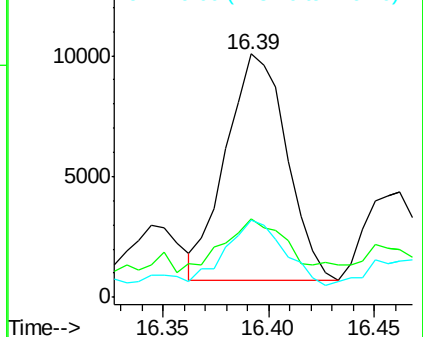
279 31.5 19.3 28.9#



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(g,h,i)perylene

Concen: 10.75 ng

RT: 16.77 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF096866.D

Acq: 19 Jul 2017 1:39

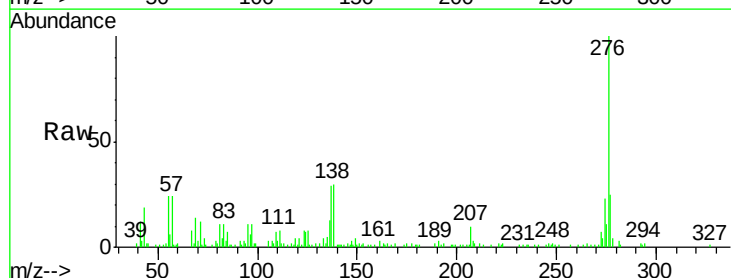
Tgt Ion:276 Resp: 63249

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 29.8 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

