

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060315\
 Data File : BF079677.D
 Acq On : 4 Jun 2015 00:09
 Operator : TP/IZ
 Sample : G2408-12DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21SDL

Quant Time: Jun 04 03:46:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	93380	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	364202	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	179680	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	370356	20.00	ng	-0.03
75) Chrysene-d12	15.07	240	321640	20.00	ng	-0.31
86) Perylene-d12	17.04	264	359408	20.00	ng	-0.45

System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	294692	57.47	ng	0.00
7) Phenol-d6	7.11	99	432982	63.52	ng	0.00
23) Nitrobenzene-d5	8.07	82	220939	37.17	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	84804	57.19	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	558222	43.86	ng	0.00
78) Terphenyl-d14	13.79	244	624271	47.12	ng	-0.16

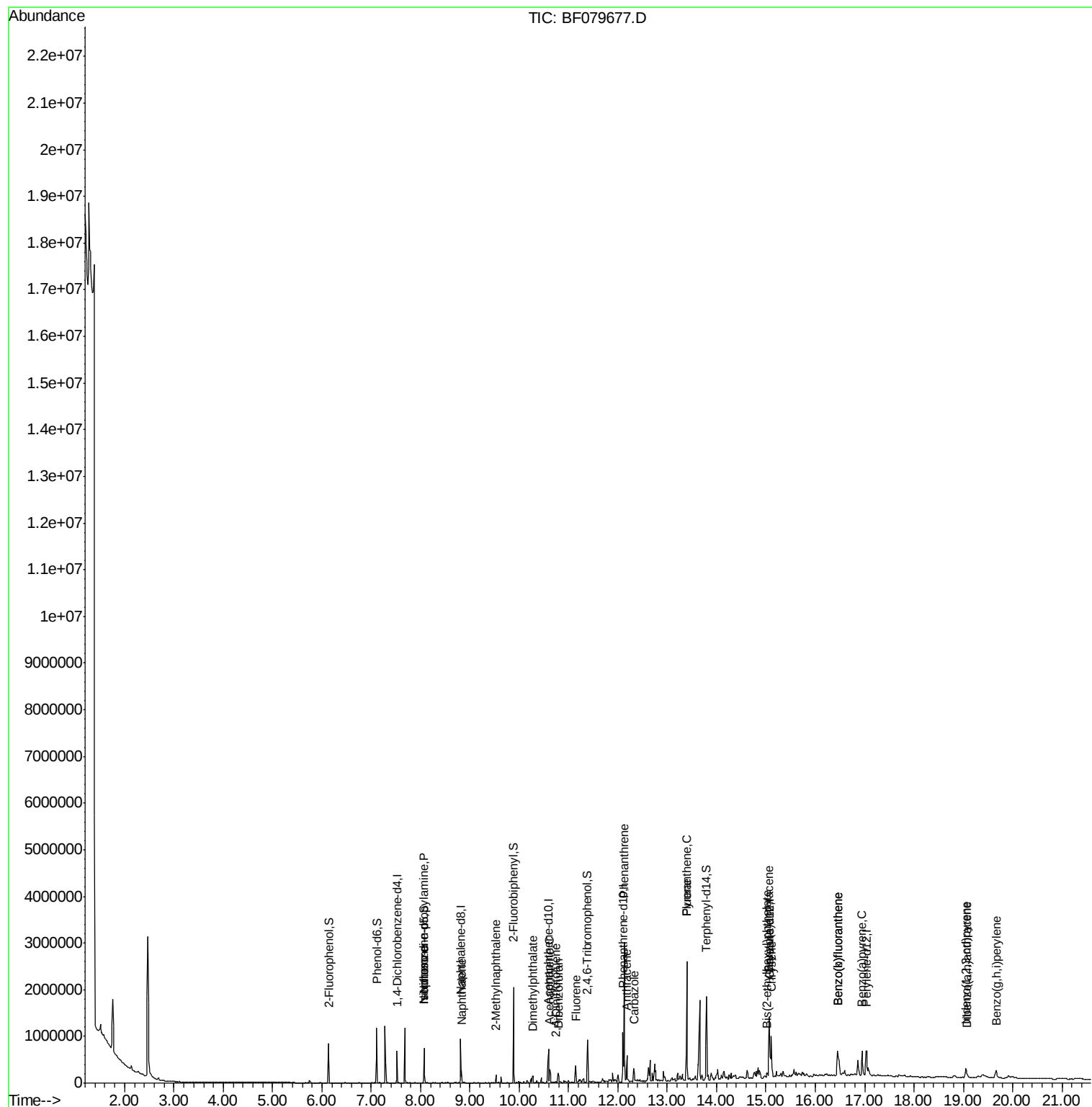
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.07	70	28219	6.10	ng	# 85
25) Isophorone	8.07	82	215492	17.36	ng	# 65
31) Naphthalene	8.83	128	111778	5.87	ng	98
37) 2-Methylnaphthalene	9.53	142	41708	3.28	ng	97
49) Dimethylphthalate	10.27	163	63033	4.79	ng	# 97
51) Acenaphthene	10.62	154	79963	7.33	ng	99
54) Dibenzofuran	10.79	168	94208	5.95	ng	# 94
56) 2,4-Dinitrotoluene	10.74	165	1785	3.08	ng	# 32
57) Fluorene	11.14	166	90120	6.97	ng	99
70) Phenanthrene	12.13	178	1060269	51.78	ng	99
71) Anthracene	12.18	178	264872	12.86	ng	98
72) Carbazole	12.32	167	107265	5.67	ng	99
74) Fluoranthene	13.39	202	1021426	46.26	ng	97
77) Pyrene	13.39	202	1021426	55.15	ng	100
80) Benzo(a)anthracene	15.06	228	479729	27.27	ng	99
82) Chrysene	15.11	228	379150	21.43	ng	97
83) Bis(2-ethylhexyl)phthalate	15.02	149	32454	6.09	ng	# 92
85) Indeno(1,2,3-cd)pyrene	19.05	276	186927	10.80	ng	# 91
87) Benzo(b)fluoranthene	16.46	252	604744	32.56	ng	99
88) Benzo(k)fluoranthene	16.46	252	604744	27.79	ng	# 96
89) Benzo(a)pyrene	16.95	252	344308	18.96	ng	99
90) Dibenz(a,h)anthracene	19.07	278	40244	2.37	ng	94
91) Benzo(g,h,i)perylene	19.67	276	181575	10.06	ng	99

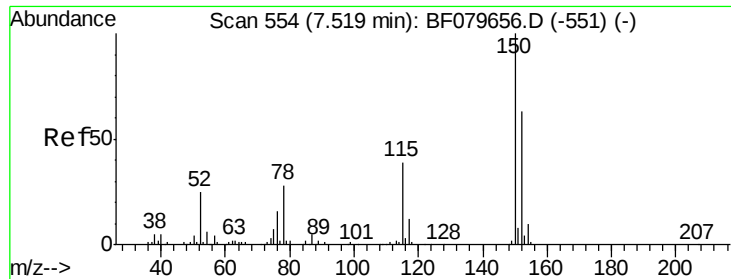
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

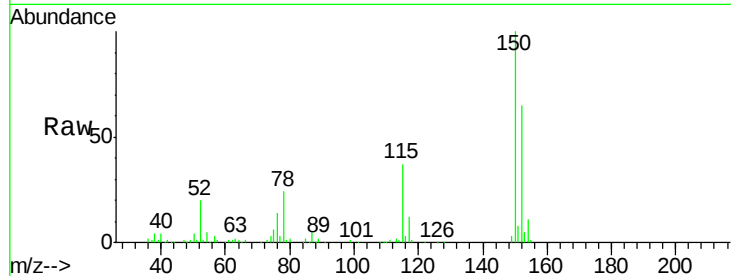
Tgt Ion:152 Resp: 93380

Ion Ratio Lower Upper

152 100

150 154.4 126.7 190.1

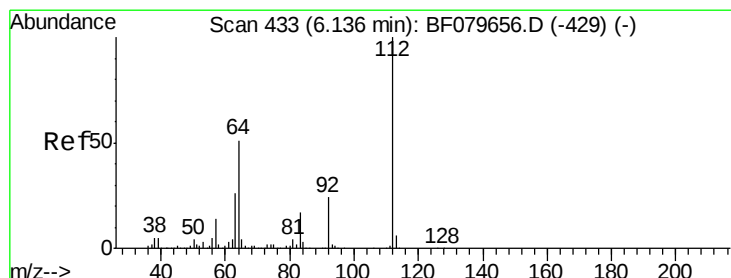
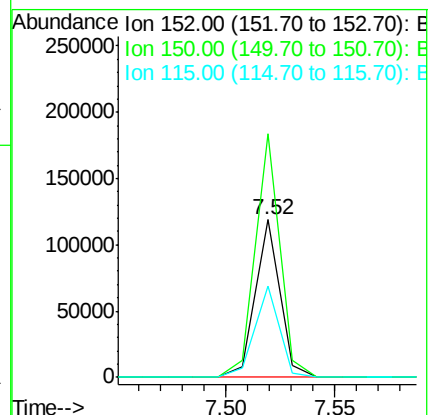
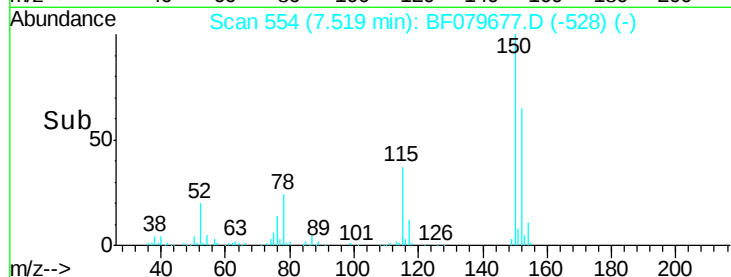
115 57.6 49.2 73.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 57.47 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

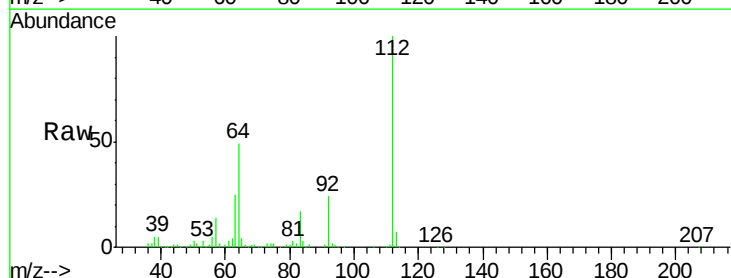
Tgt Ion:112 Resp: 294692

Ion Ratio Lower Upper

112 100

64 49.3 41.1 61.7

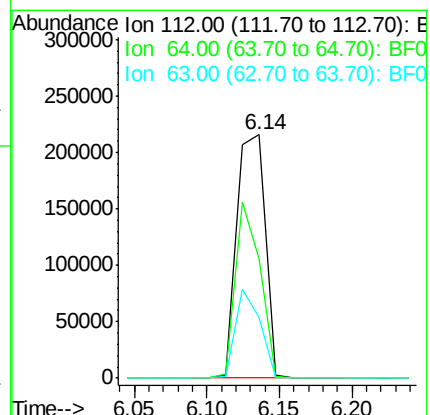
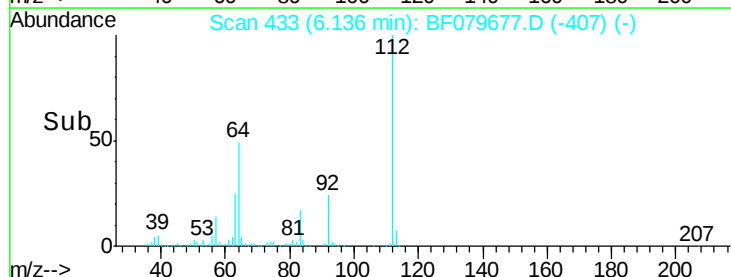
63 24.7 20.5 30.7



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: 63.52 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

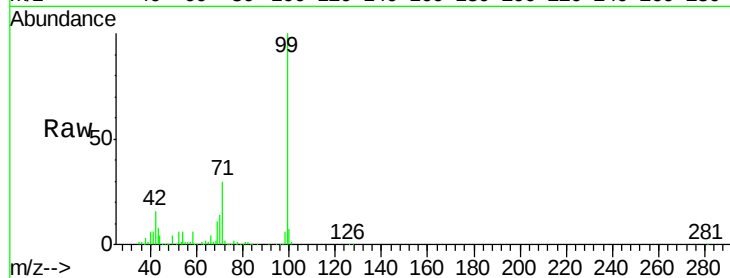
Tgt Ion: 99 Resp: 432982

Ion Ratio Lower Upper

99 100

42 15.9 15.2 22.8

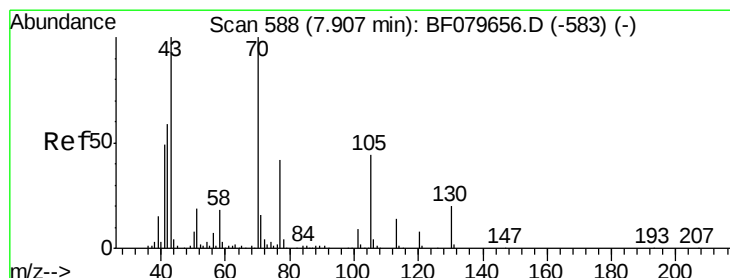
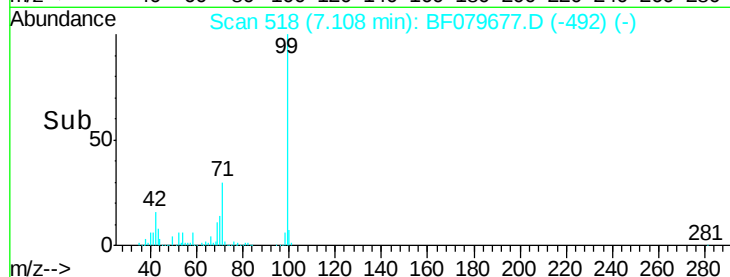
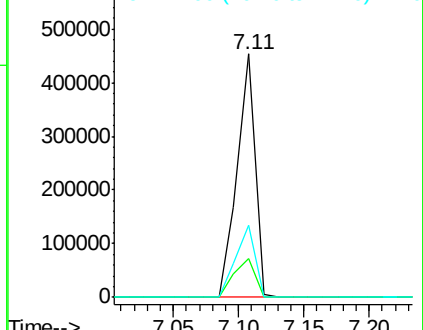
71 29.5 25.9 38.9



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: 6.10 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.16 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Tgt Ion: 70 Resp: 28219

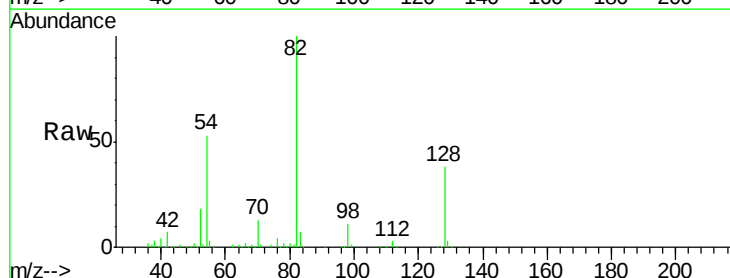
Ion Ratio Lower Upper

70 100

42 55.9 47.7 71.5

101 0.0 7.4 11.0#

130 1.8 15.8 23.8#

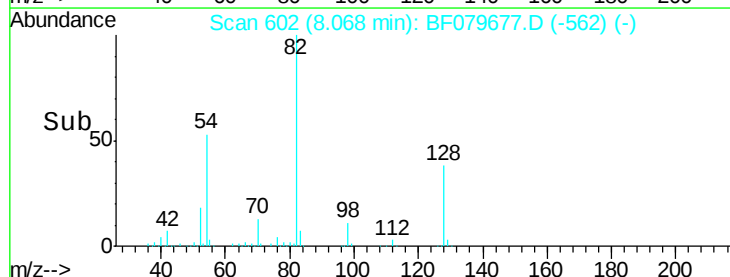
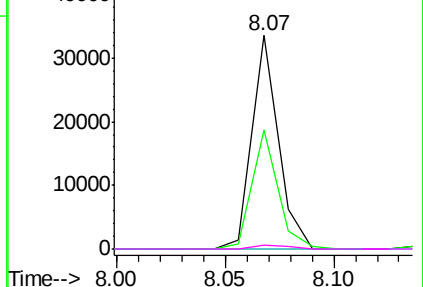


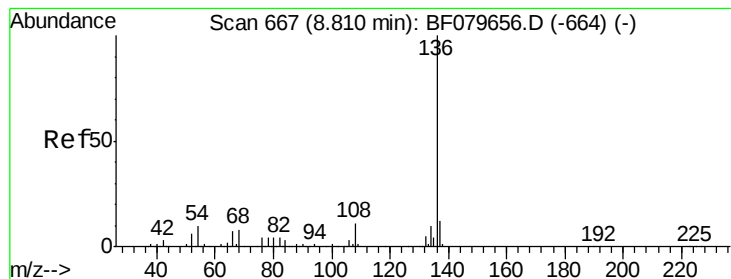
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

Tgt Ion: 136 Resp: 364202

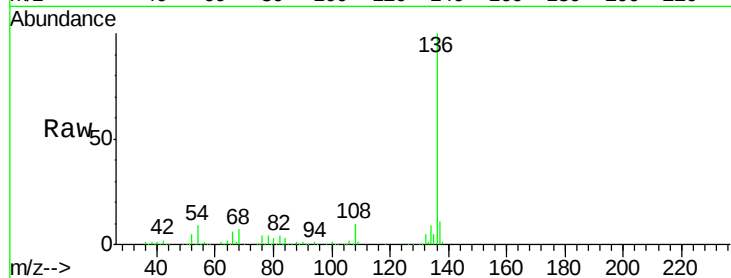
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.8 8.3 12.5

68 6.5 6.1 9.1

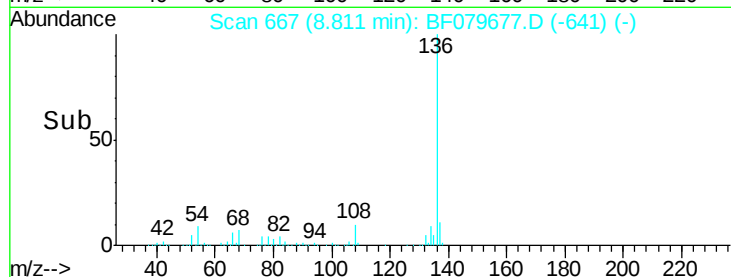


Abundance Ion 136.00 (135.70 to 136.70): E

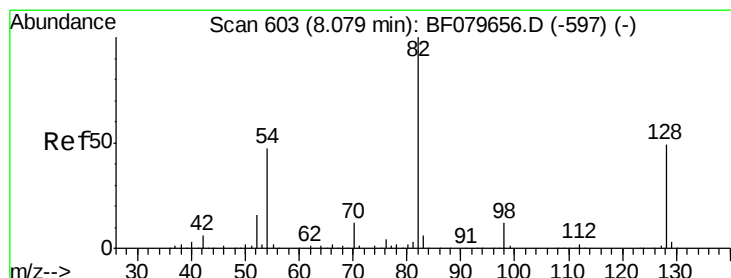
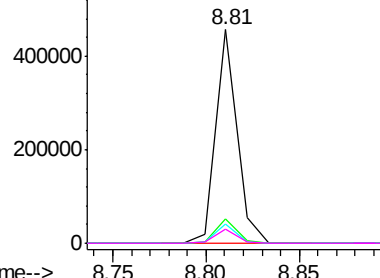
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 37.17 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

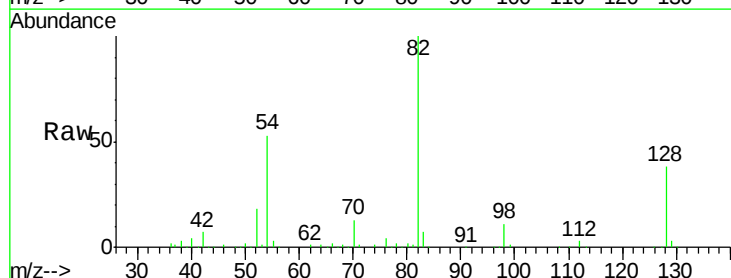
Tgt Ion: 82 Resp: 220939

Ion Ratio Lower Upper

82 100

128 37.8 39.4 59.0#

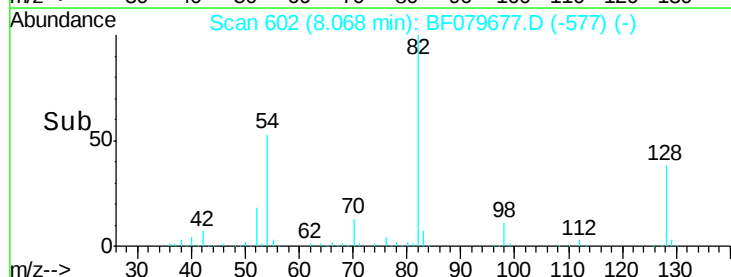
54 53.3 37.4 56.0



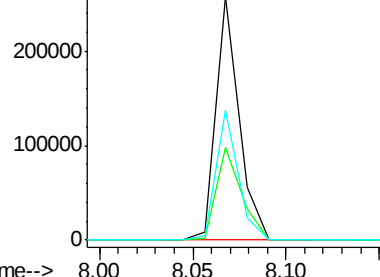
Abundance Ion 82.00 (81.70 to 82.70): BF0

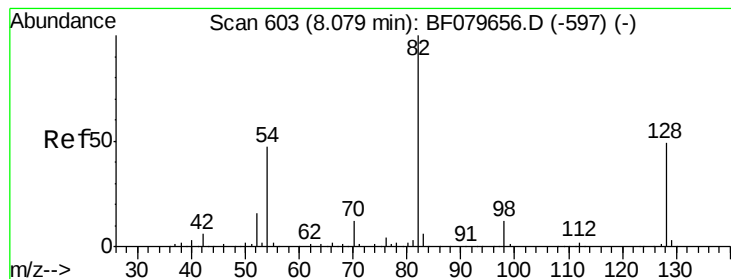
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 17.36 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.26 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

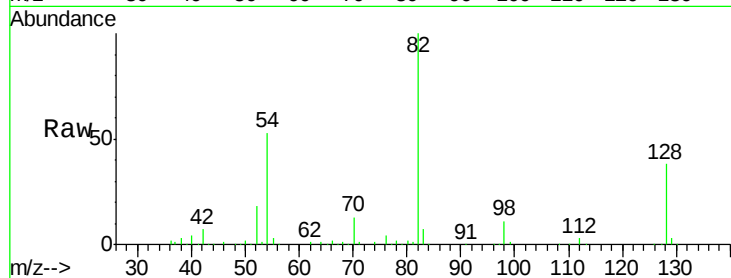
Tgt Ion: 82 Resp: 215492

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

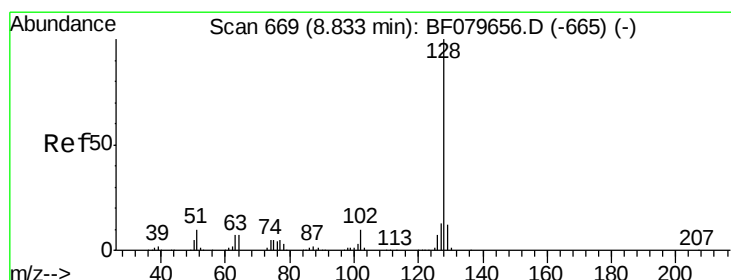
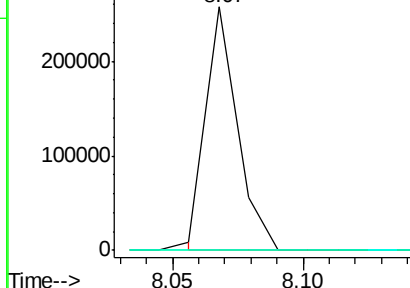
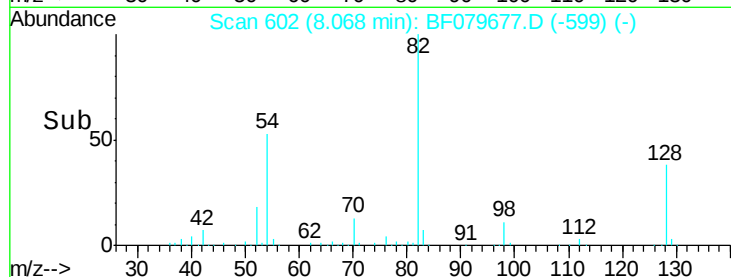
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF079677.D (-599) (-)

Ion 95.00 (94.70 to 95.70): BF079677.D (-599) (-)

Ion 138.00 (137.70 to 138.70): BF079677.D (-599) (-)



#31

Naphthalene

Concen: 5.87 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

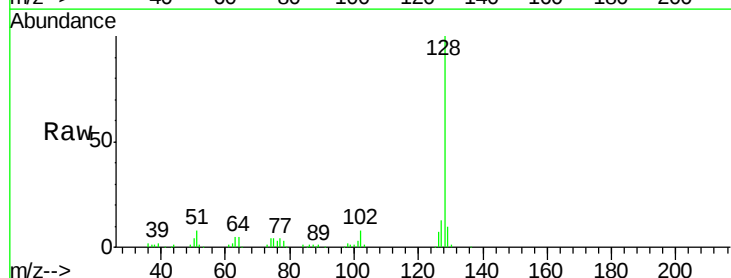
Tgt Ion: 128 Resp: 111778

Ion Ratio Lower Upper

128 100

129 10.4 9.3 13.9

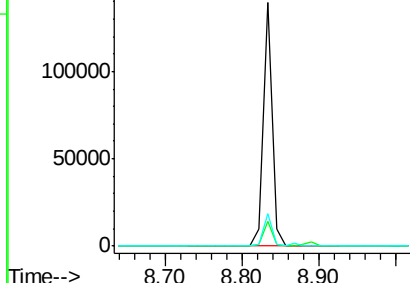
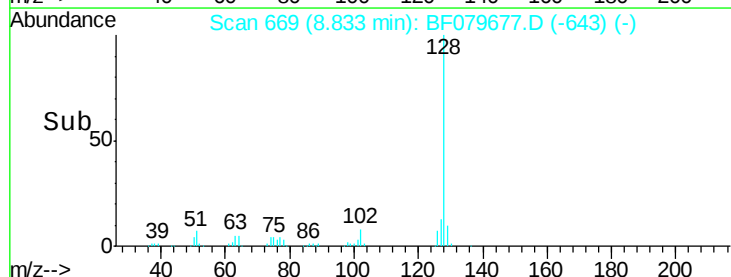
127 13.1 10.4 15.6

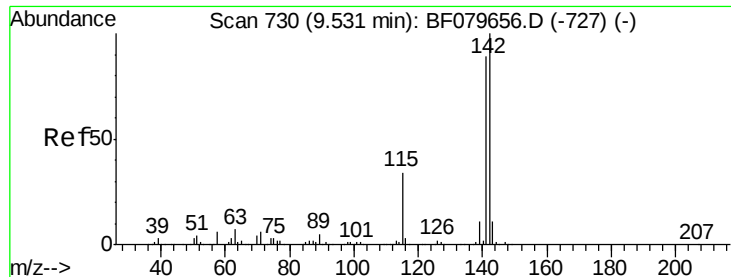


Abundance Ion 128.00 (127.70 to 128.70): BF079677.D (-643) (-)

Ion 129.00 (128.70 to 129.70): BF079677.D (-643) (-)

Ion 127.00 (126.70 to 127.70): BF079677.D (-643) (-)

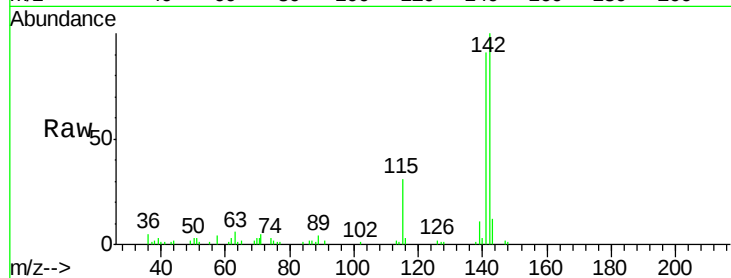




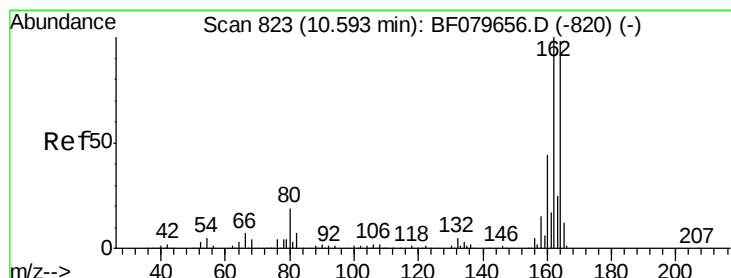
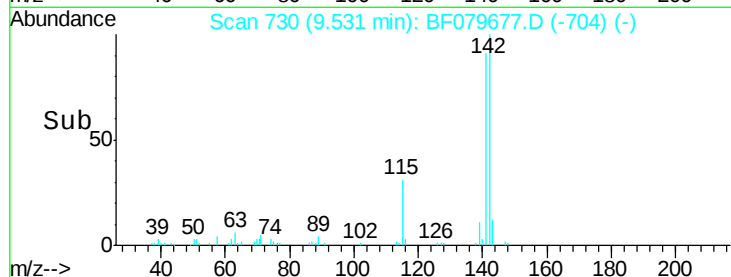
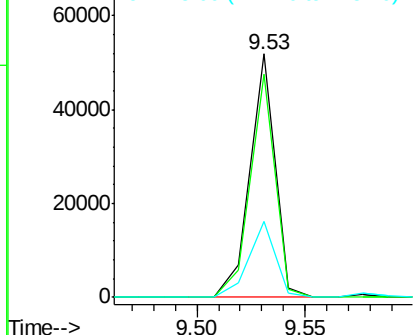
#37
2-Methylnaphthalene
Concen: 3.28 ng
RT: 9.53 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

Instrument :
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Tgt Ion:142 Resp: 41708
Ion Ratio Lower Upper
142 100
141 91.5 71.4 107.0
115 31.2 27.3 40.9

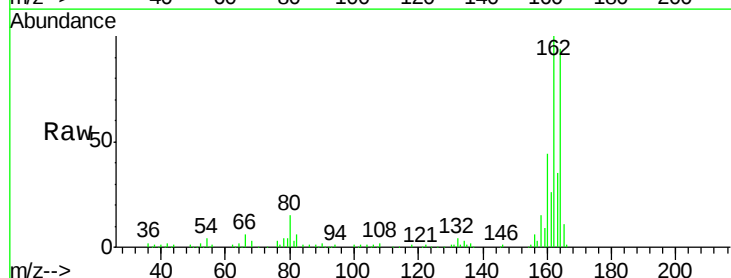


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

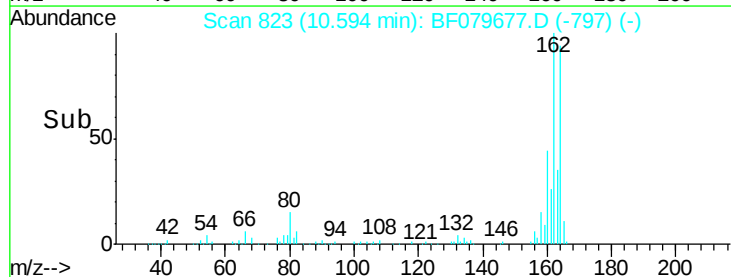
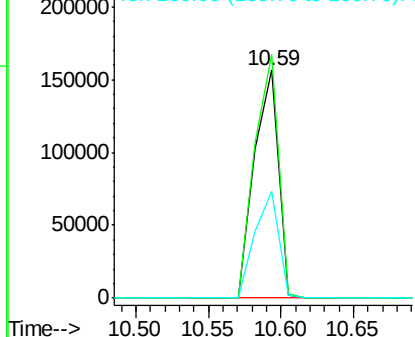


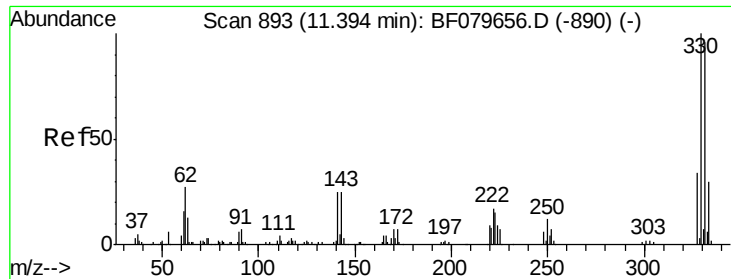
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

Tgt Ion:164 Resp: 179680
Ion Ratio Lower Upper
164 100
162 106.8 82.0 123.0
160 46.8 35.9 53.9



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

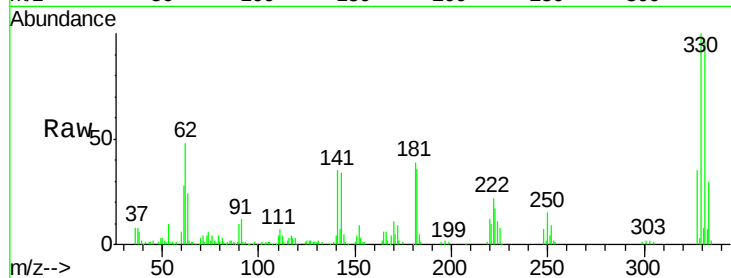




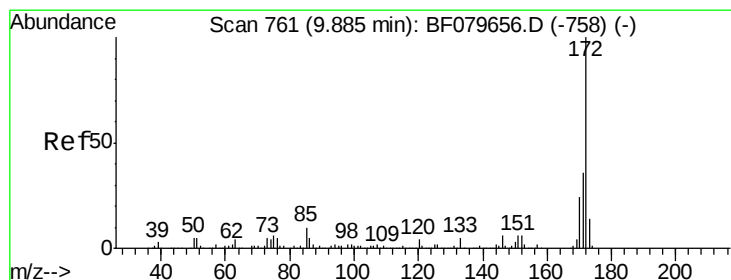
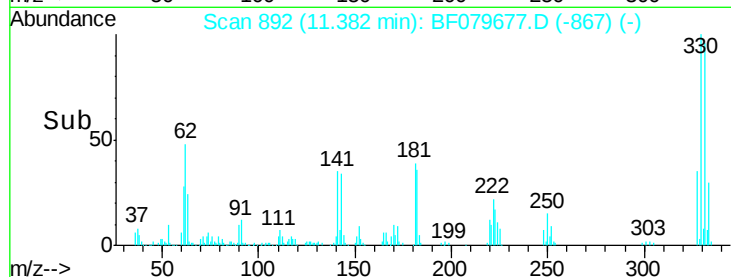
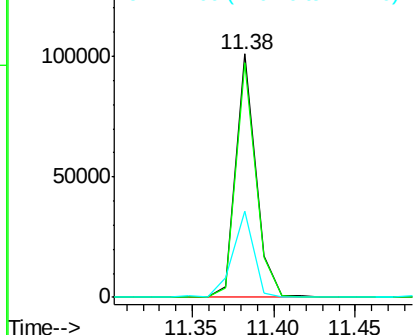
#41
 2,4,6-Tribromophenol
 Concen: 57.19 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079677.D
 Acq: 4 Jun 2015 00:09

Instrument :
 BNA_F
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Tgt Ion:330 Resp: 84804
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 38.0 27.4 41.2

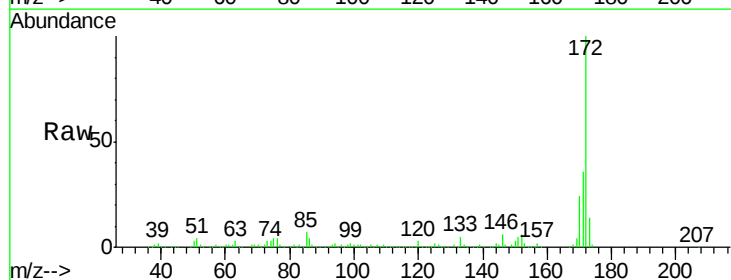


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

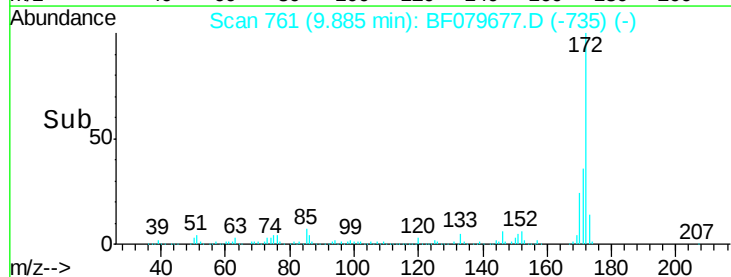
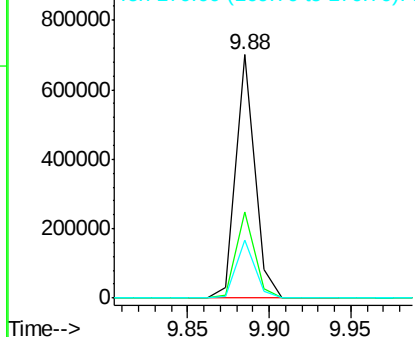


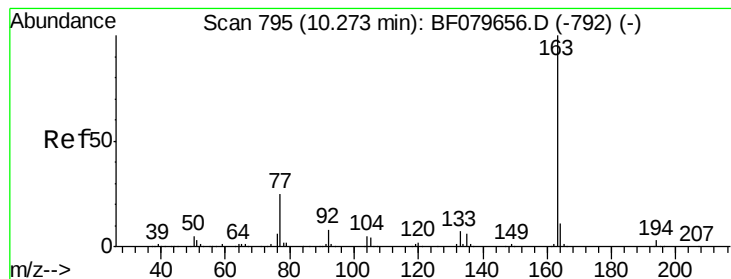
#44
 2-Fluorobiphenyl
 Concen: 43.86 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079677.D
 Acq: 4 Jun 2015 00:09

Tgt Ion:172 Resp: 558222
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.8 43.2
 170 23.6 19.2 28.8



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





#49

Dimethylphthalate

Concen: 4.79 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

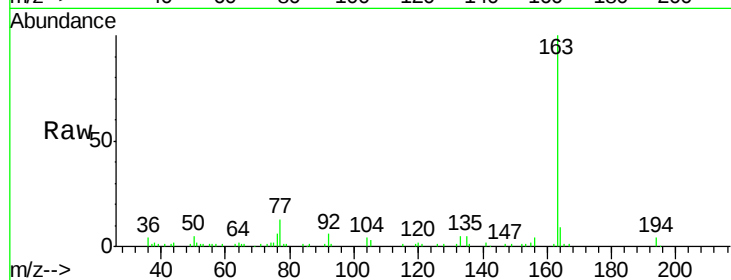
Tgt Ion:163 Resp: 63033

Ion Ratio Lower Upper

163 100

194 4.2 2.6 3.8#

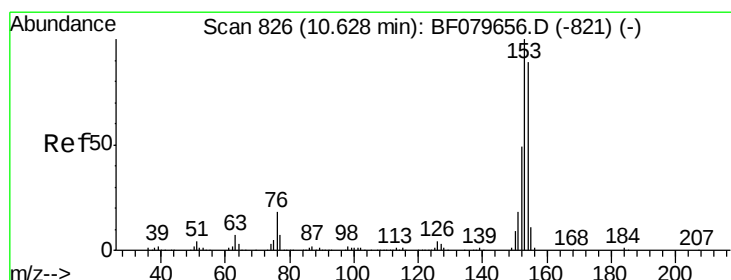
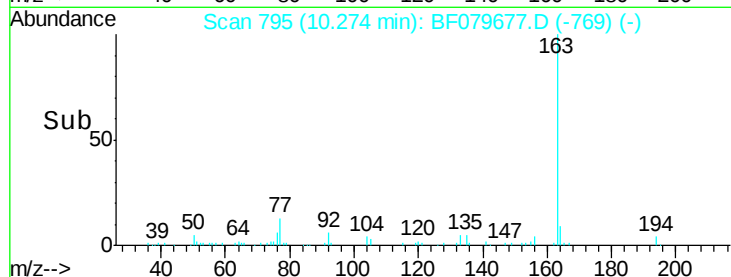
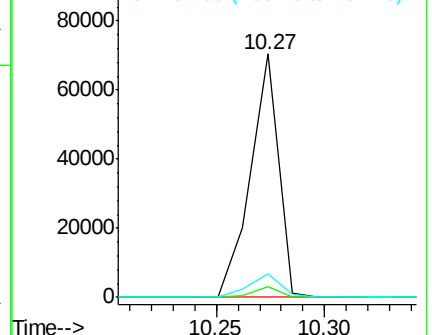
164 9.5 8.6 12.8



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: 7.33 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

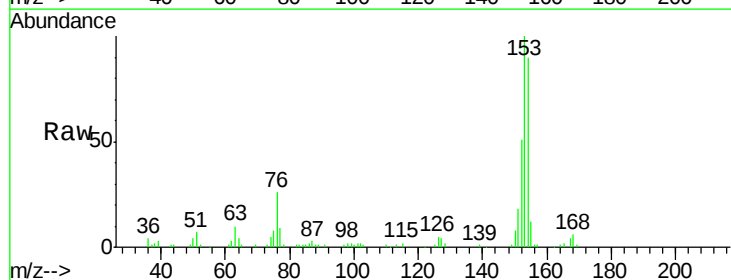
Tgt Ion:154 Resp: 79963

Ion Ratio Lower Upper

154 100

153 111.4 89.8 134.6

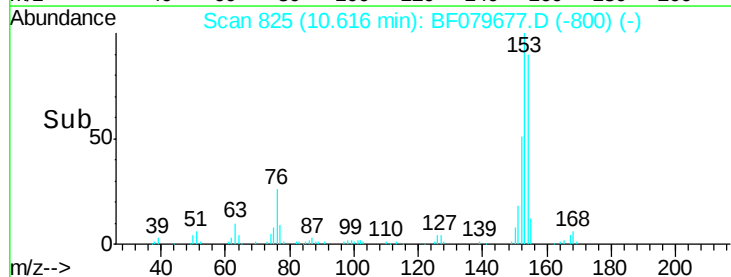
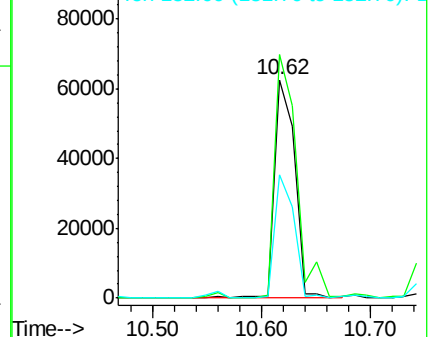
152 56.6 43.8 65.8

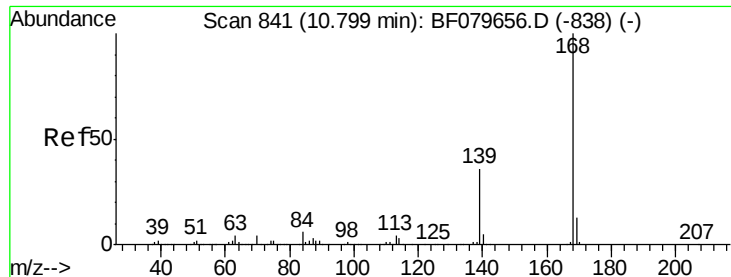


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

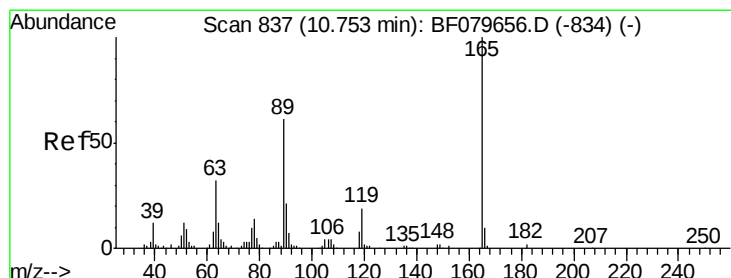
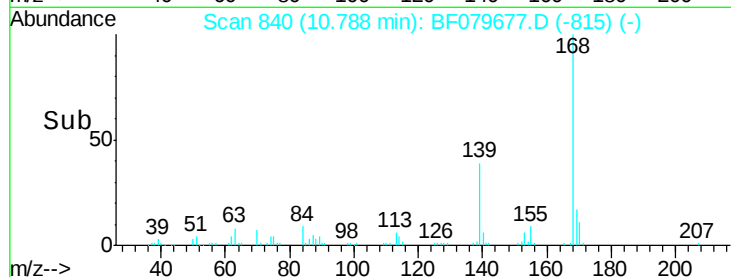
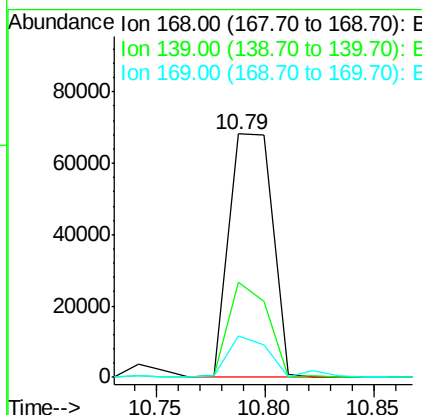
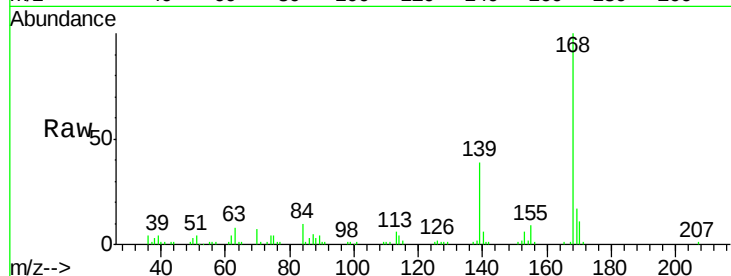




#54
Dibenzofuran
Concen: 5.95 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

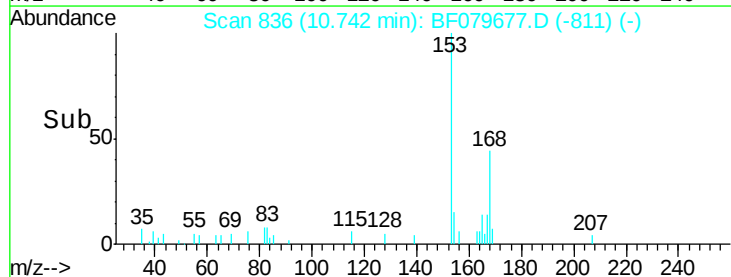
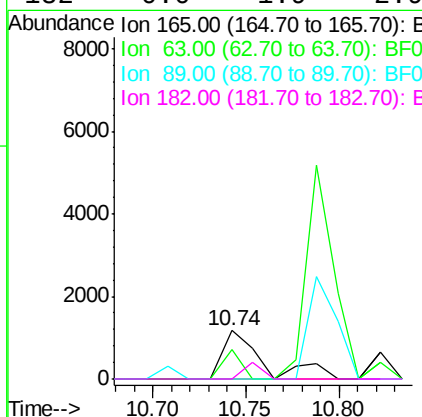
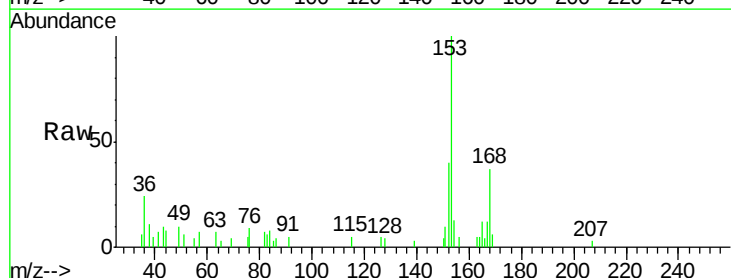
Instrument :
BNA_F
ClientSampleId :
SB-21SDL

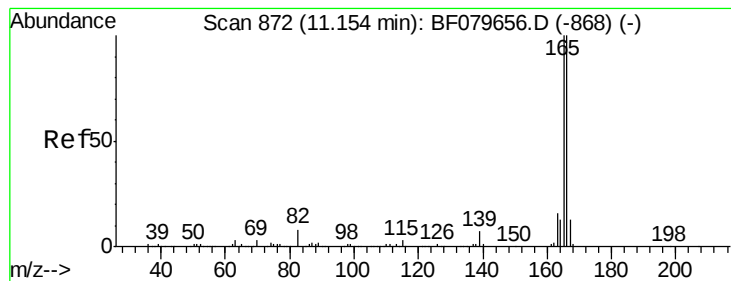
Tgt Ion:168 Resp: 94208
Ion Ratio Lower Upper
168 100
139 39.3 29.1 43.7
169 16.8 10.7 16.1#



#56
2,4-Dinitrotoluene
Concen: 3.08 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

Tgt Ion:165 Resp: 1785
Ion Ratio Lower Upper
165 100
63 60.3 25.5 38.3#
89 0.0 48.5 72.7#
182 0.0 1.9 2.9#





#57

Fluorene

Concen: 6.97 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

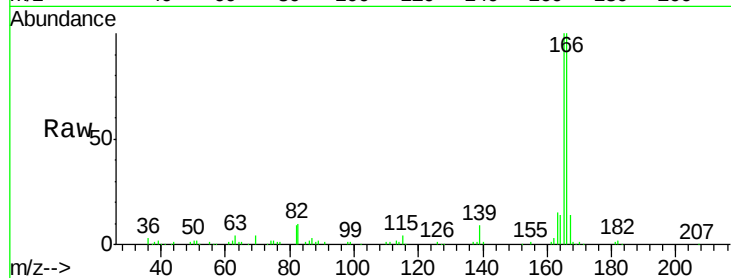
Tgt Ion:166 Resp: 90120

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.6

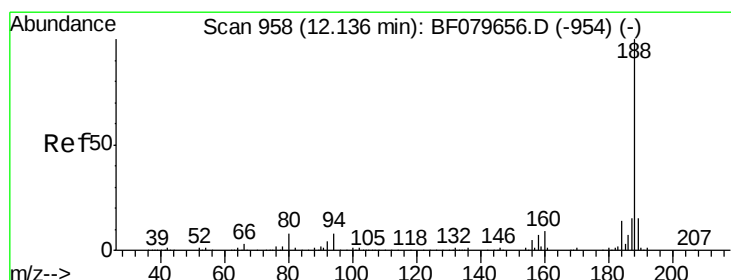
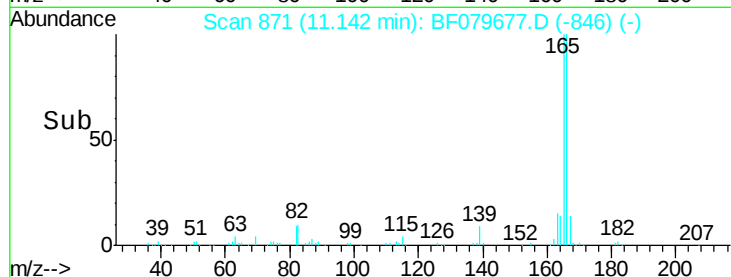
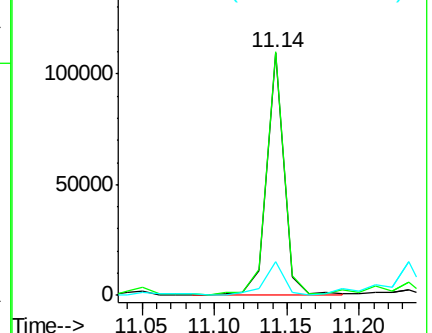
167 13.9 10.6 15.8



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: 12.10 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

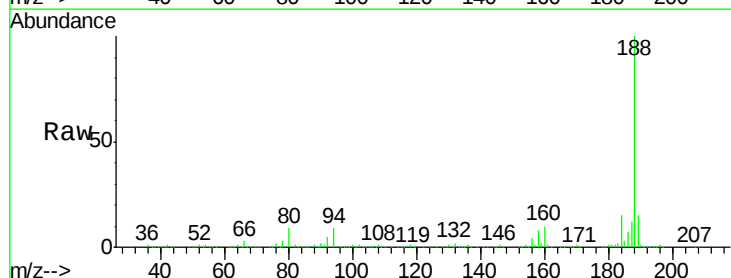
Tgt Ion:188 Resp: 370356

Ion Ratio Lower Upper

188 100

94 8.6 6.1 9.1

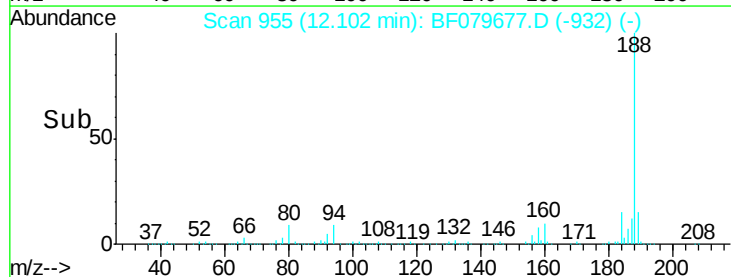
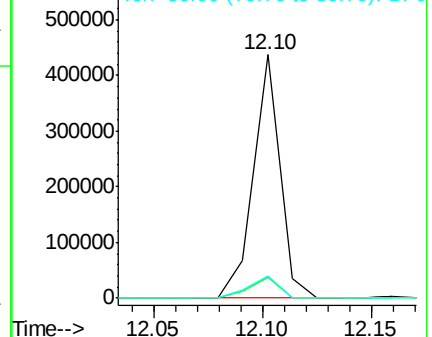
80 9.2 6.2 9.2

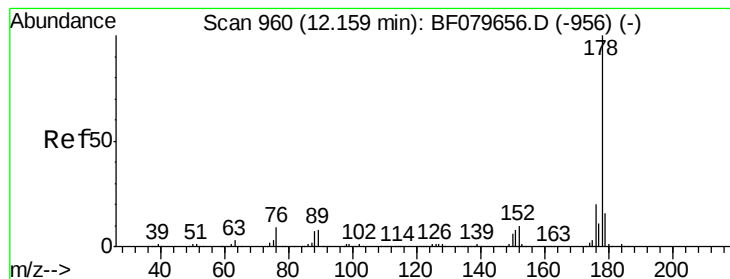


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 51.78 ng

RT: 12.13 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

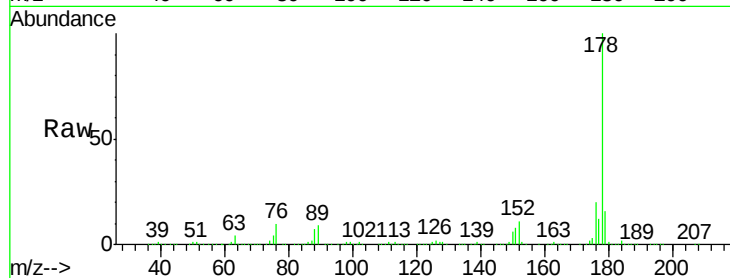
Tgt Ion:178 Resp: 1060269

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

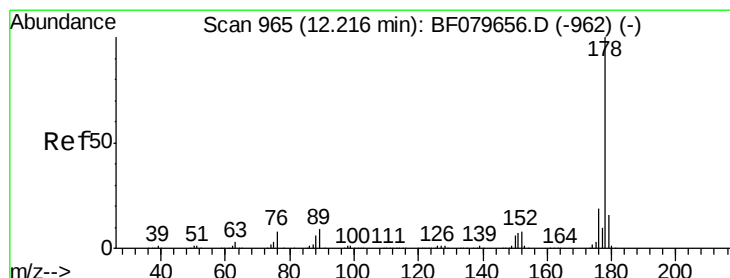
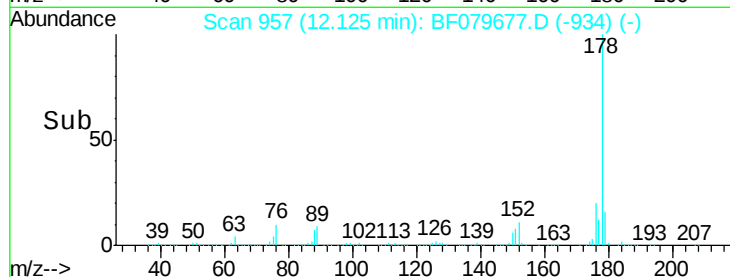
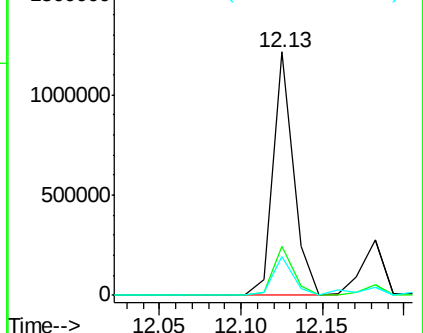
179 16.1 12.7 19.1



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



#71

Anthracene

Concen: 12.86 ng

RT: 12.18 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

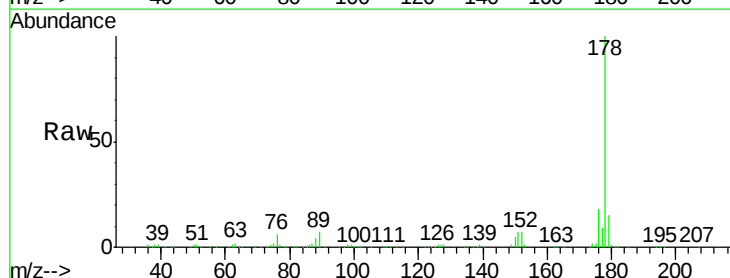
Tgt Ion:178 Resp: 264872

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

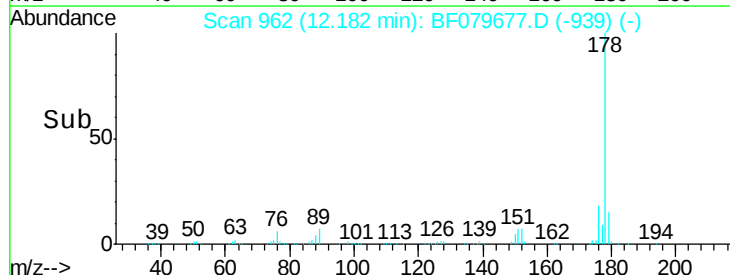
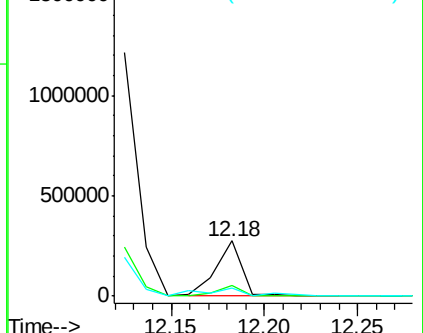
179 15.3 12.6 19.0

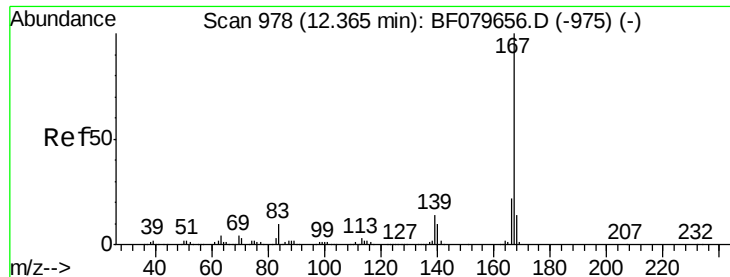


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.67 ng

RT: 12.32 min Scan# 974

Delta R.T. -0.05 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

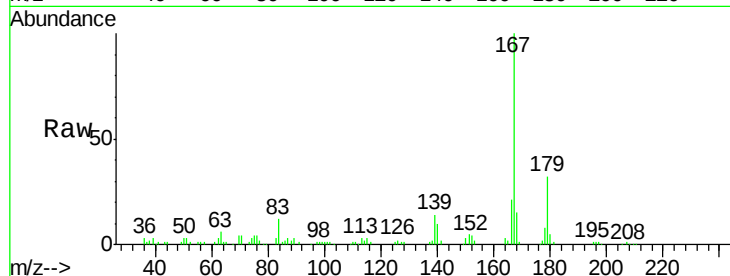
Tgt Ion:167 Resp: 107265

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.2

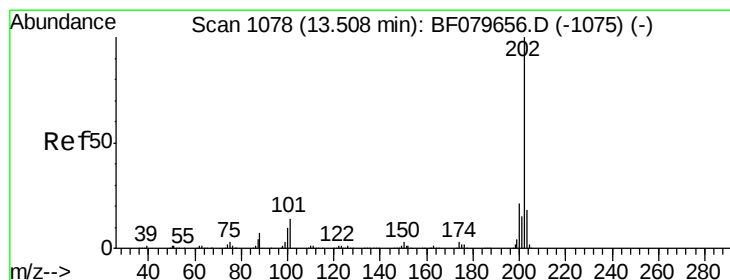
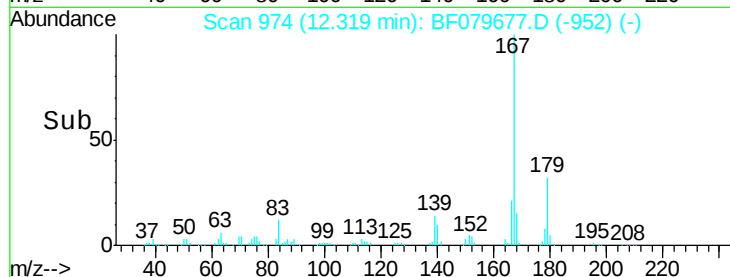
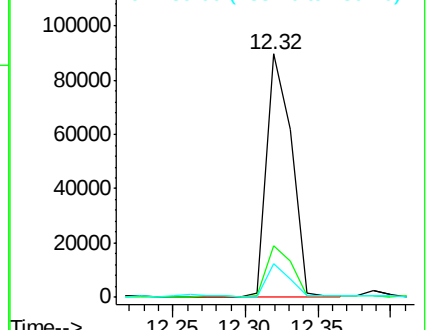
139 13.9 11.3 16.9



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: 46.26 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.11 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

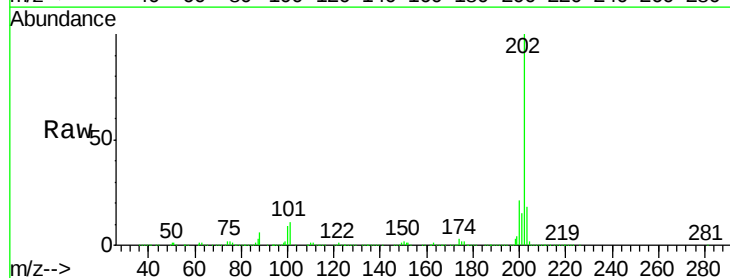
Tgt Ion:202 Resp: 1021426

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.0

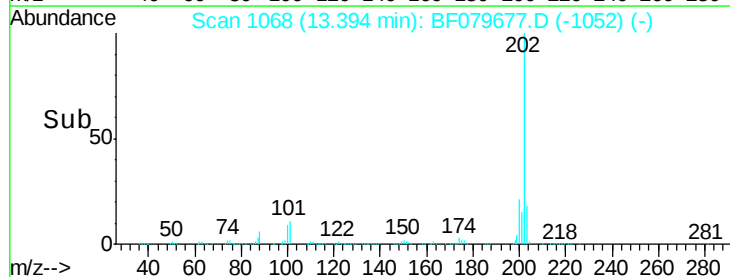
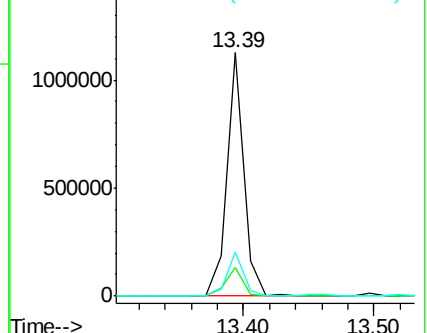
203 18.0 0.0 37.9

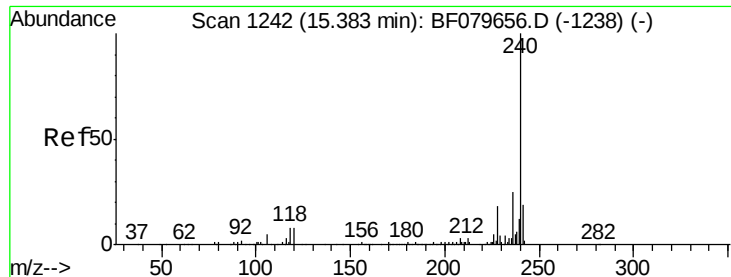


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.07 min Scan# 1215

Delta R.T. -0.31 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

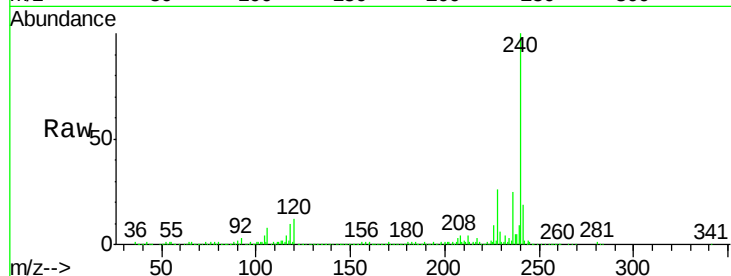
Tgt Ion:240 Resp: 321640

Ion Ratio Lower Upper

240 100

120 11.6 6.4 9.6#

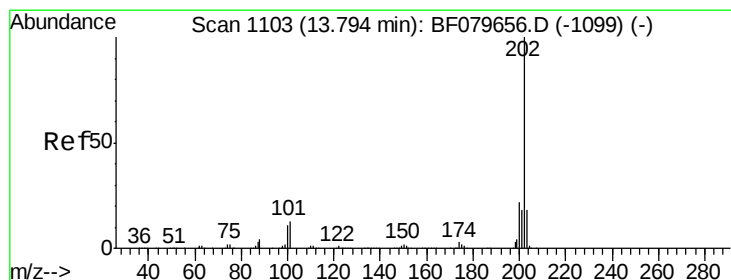
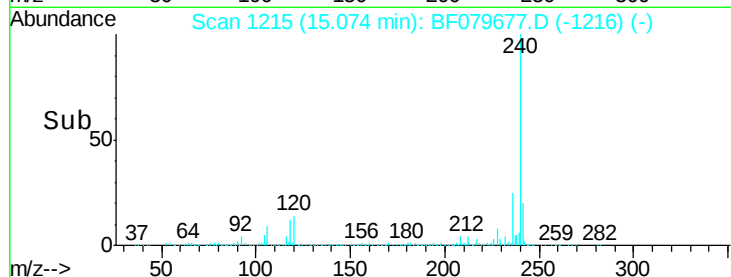
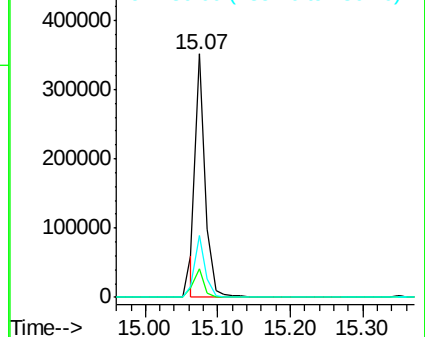
236 25.2 20.2 30.4



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: 55.15 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.40 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

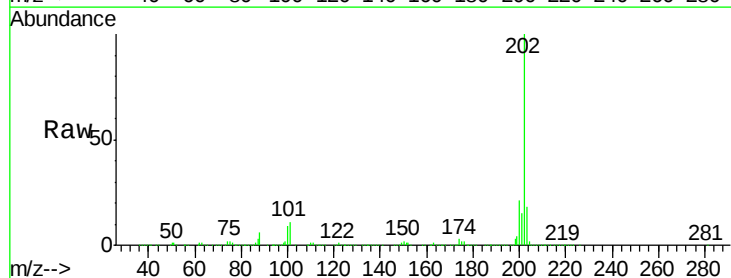
Tgt Ion:202 Resp: 1021426

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.0

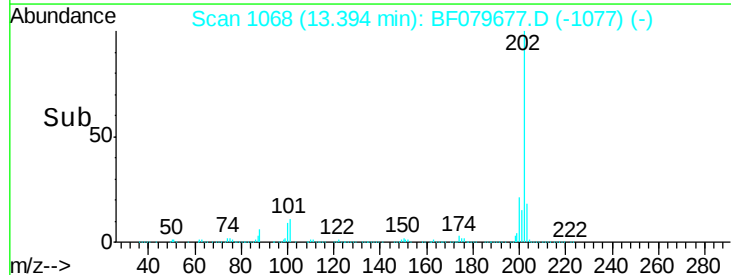
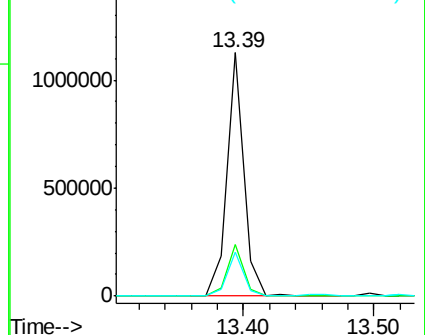
203 18.0 14.5 21.7

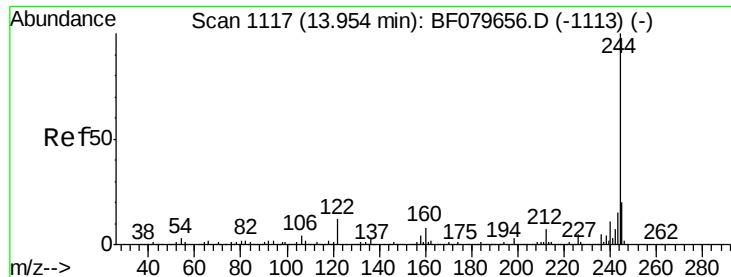


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 47.12 ng

RT: 13.79 min Scan# 1103

Delta R.T. -0.16 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

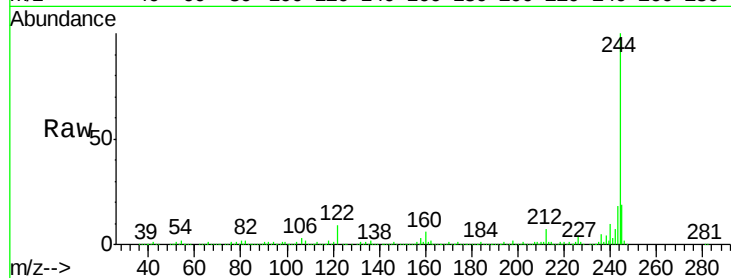
Tgt Ion:244 Resp: 624271

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

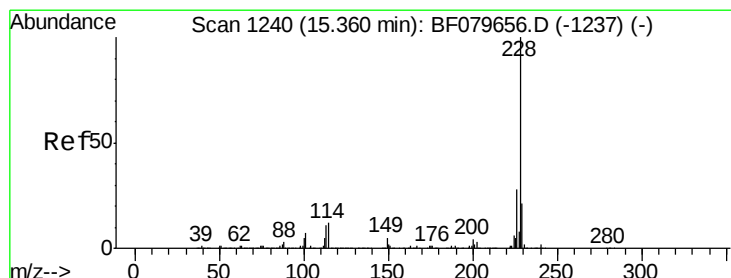
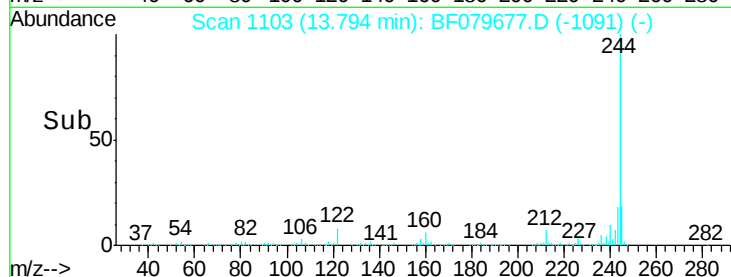
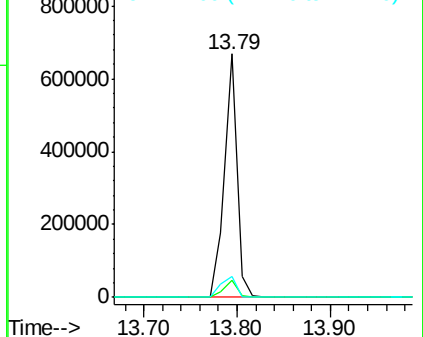
122 8.7 9.8 14.6#



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: 27.27 ng

RT: 15.06 min Scan# 1214

Delta R.T. -0.30 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

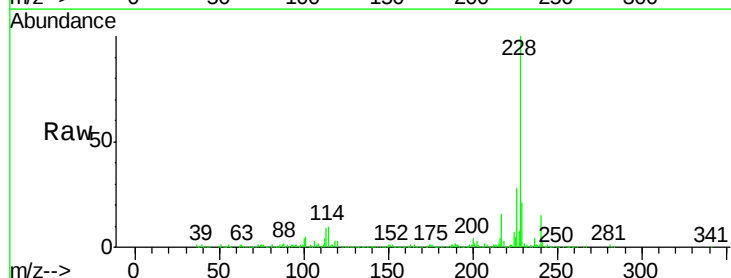
Tgt Ion:228 Resp: 479729

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

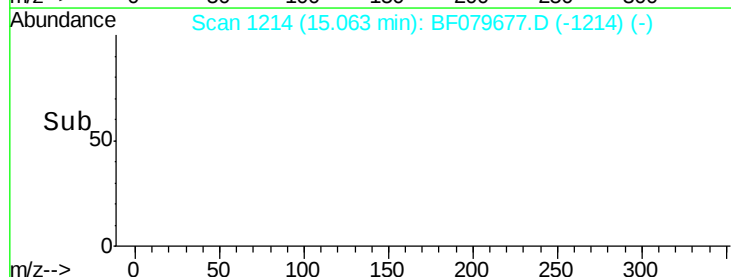
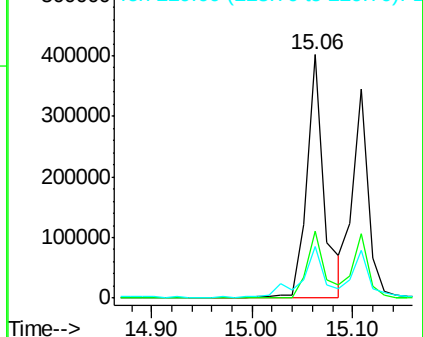
229 21.0 16.6 24.8

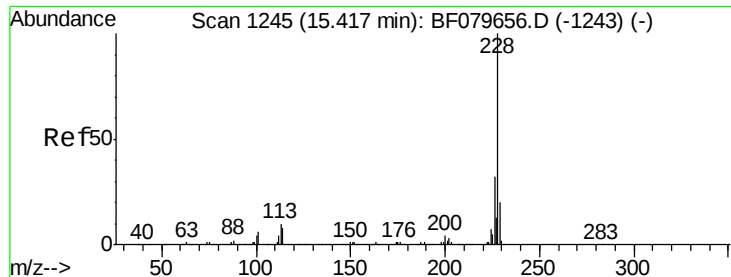


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 21.43 ng

RT: 15.11 min Scan# 1218

Delta R.T. -0.31 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampled :

SB-21SDL

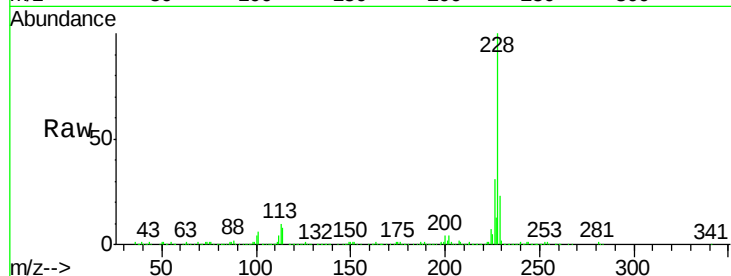
Tgt Ion:228 Resp: 379150

Ion Ratio Lower Upper

228 100

226 30.6 25.2 37.8

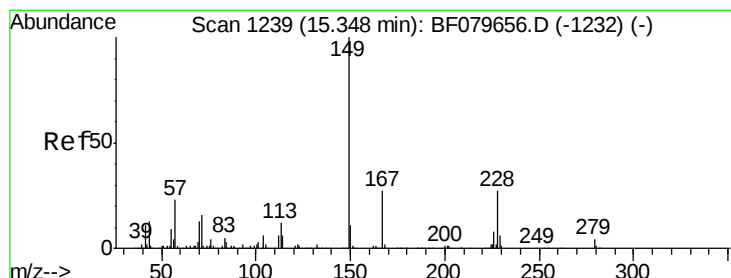
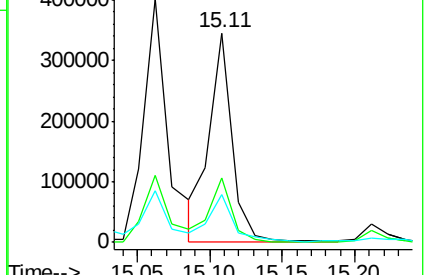
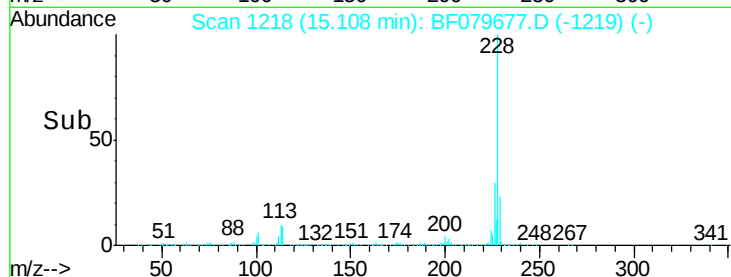
229 23.0 16.3 24.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.09 ng

RT: 15.02 min Scan# 1210

Delta R.T. -0.33 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

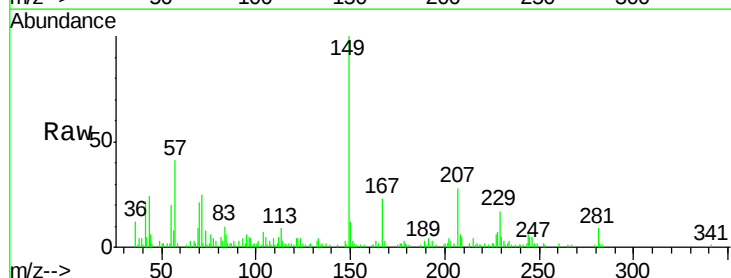
Tgt Ion:149 Resp: 32454

Ion Ratio Lower Upper

149 100

167 23.0 21.6 32.4

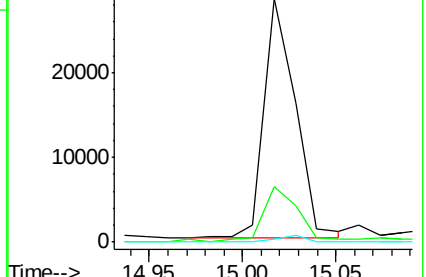
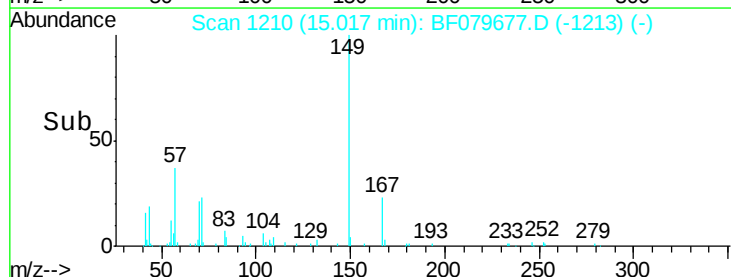
279 1.4 3.1 4.7#

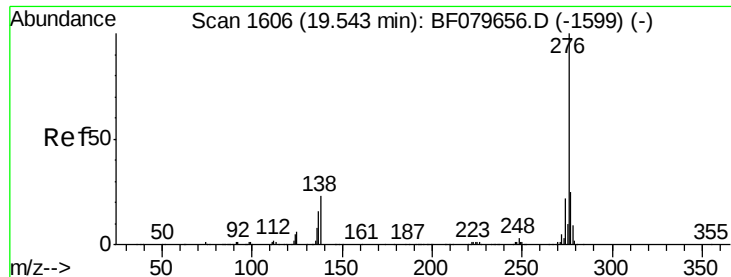


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.80 ng

RT: 19.05 min Scan# 1563

Delta R.T. -0.49 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

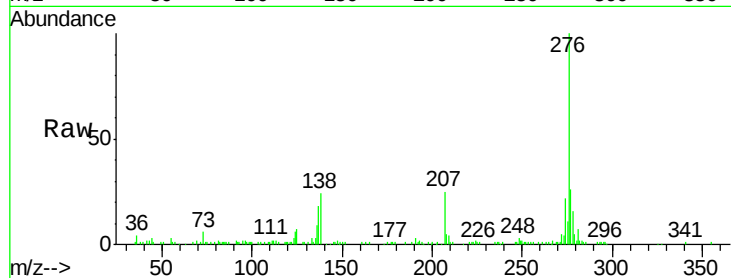
Tgt Ion:276 Resp: 186927

Ion Ratio Lower Upper

276 100

138 21.8 21.9 32.9#

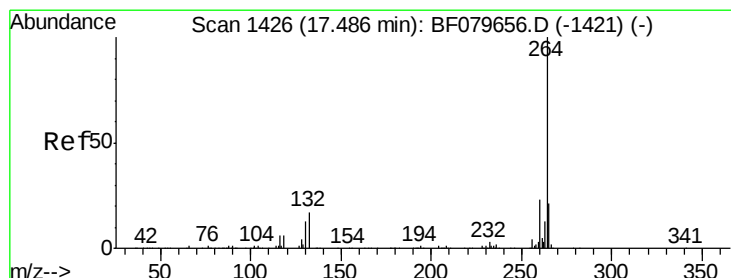
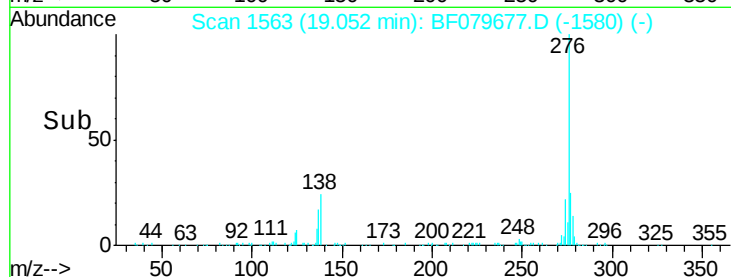
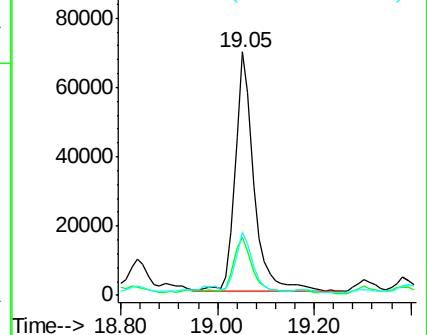
277 22.0 20.2 30.4



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

Perylene-d12

Concen: 20.00 ng

RT: 17.04 min Scan# 1387

Delta R.T. -0.45 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

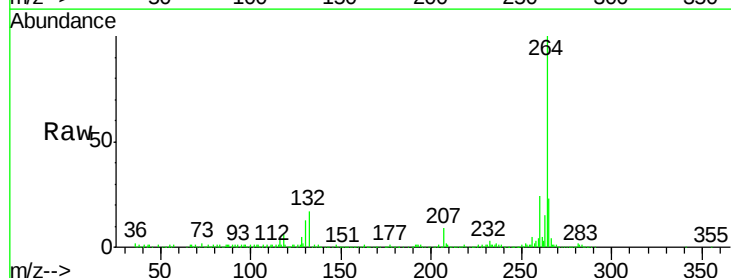
Tgt Ion:264 Resp: 359408

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

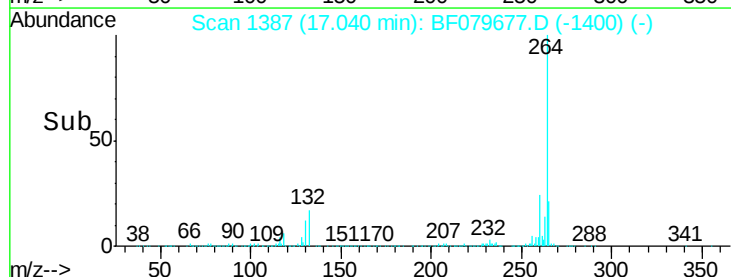
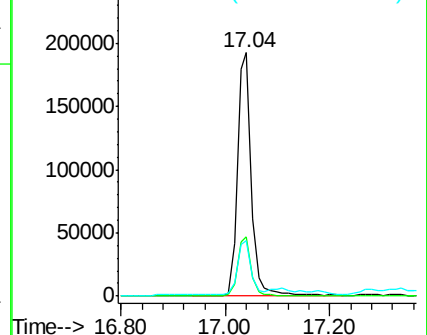
265 22.5 17.4 26.0

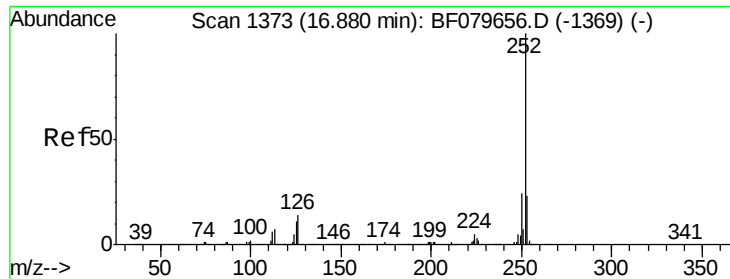


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

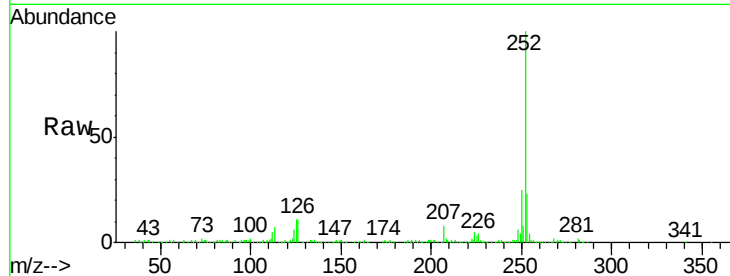




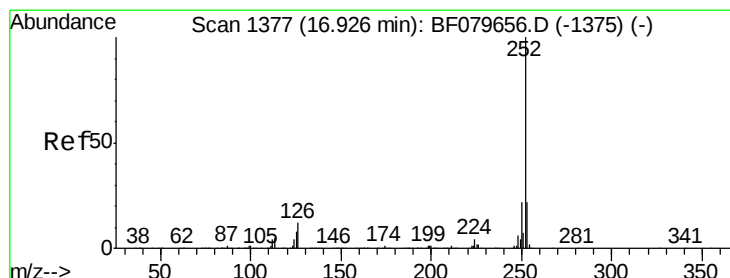
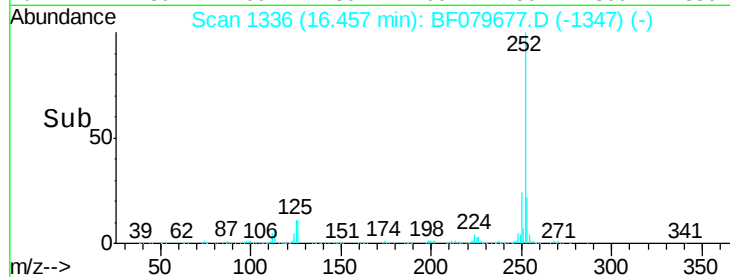
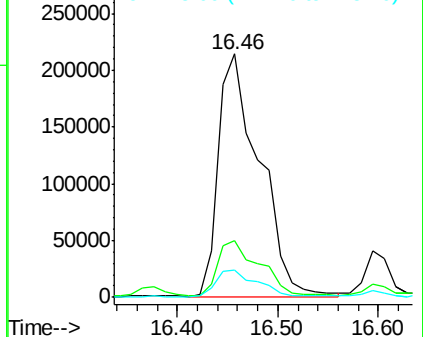
#87
Benzo(b)fluoranthene
Concen: 32.56 ng
RT: 16.46 min Scan# 1336
Delta R.T. -0.42 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

Instrument :
BNA_F
ClientSampleId :
SB-21SDL

Tgt Ion:252 Resp: 604744
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 11.2 8.7 13.1

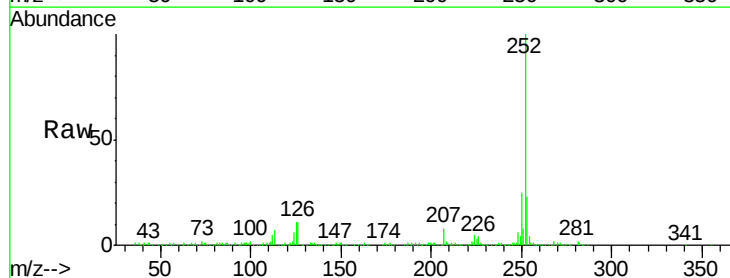


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

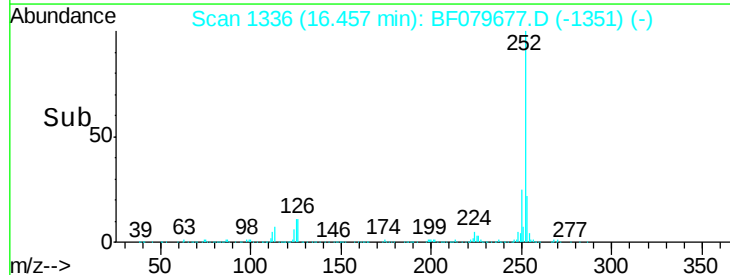
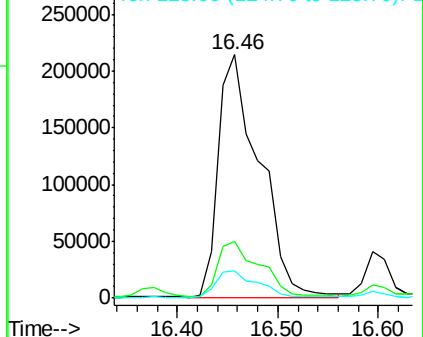


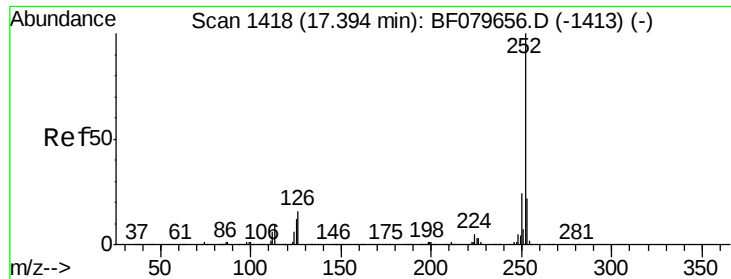
#88
Benzo(k)fluoranthene
Concen: 27.79 ng
RT: 16.46 min Scan# 1336
Delta R.T. -0.47 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

Tgt Ion:252 Resp: 604744
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.2 7.1 10.7#



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

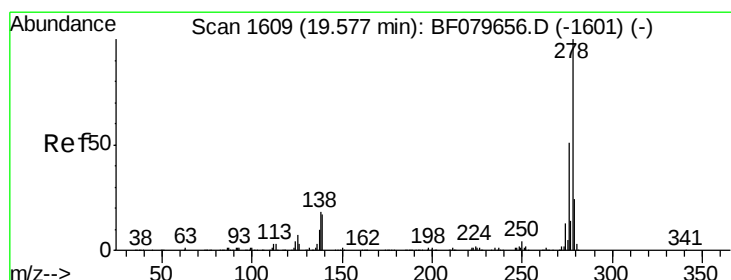
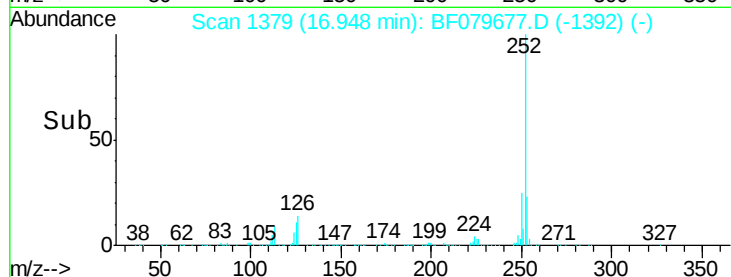
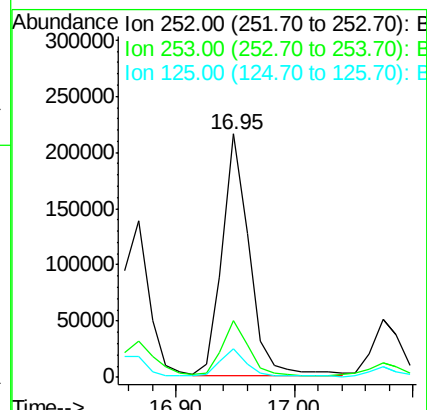
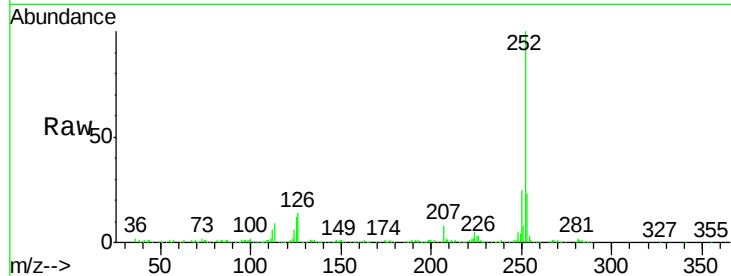




#89
Benzo(a)pyrene
Concen: 18.96 ng
RT: 16.95 min Scan# 1379
Delta R.T. -0.45 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

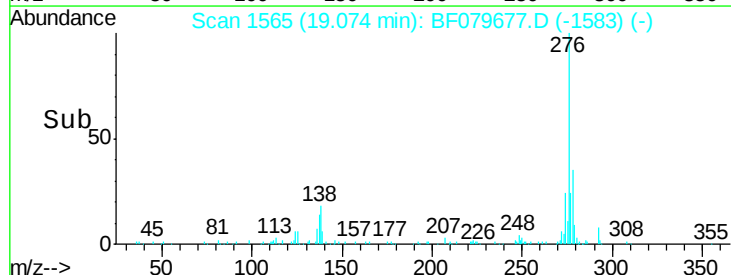
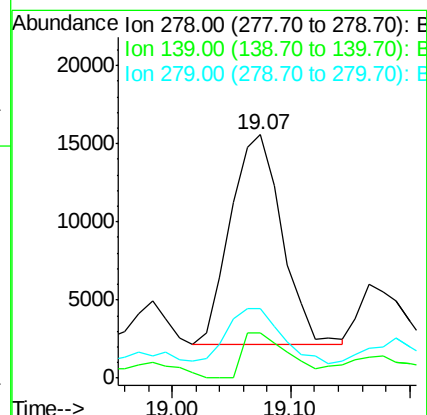
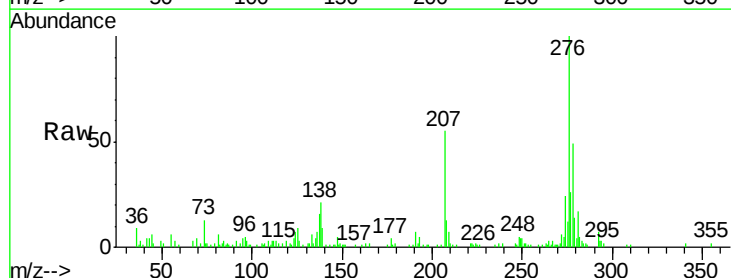
Instrument :
BNA_F
ClientSampleId :
SB-21SDL

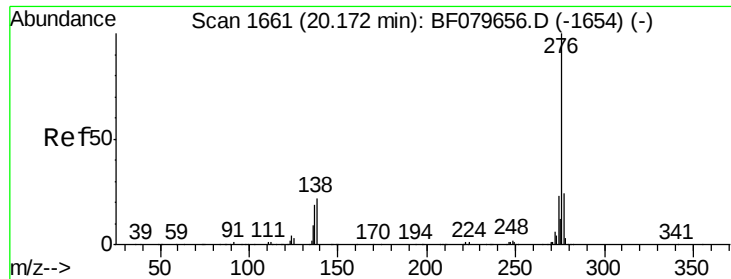
Tgt Ion: 252 Resp: 344308
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.6 9.4 14.0



#90
Dibenzo(a,h)anthracene
Concen: 2.37 ng
RT: 19.07 min Scan# 1565
Delta R.T. -0.50 min
Lab File: BF079677.D
Acq: 4 Jun 2015 00:09

Tgt Ion: 278 Resp: 40244
Ion Ratio Lower Upper
278 100
139 18.7 13.7 20.5
279 28.6 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 10.06 ng

RT: 19.67 min Scan# 1617

Delta R.T. -0.50 min

Lab File: BF079677.D

Acq: 4 Jun 2015 00:09

Instrument :

BNA_F

ClientSampleId :

SB-21SDL

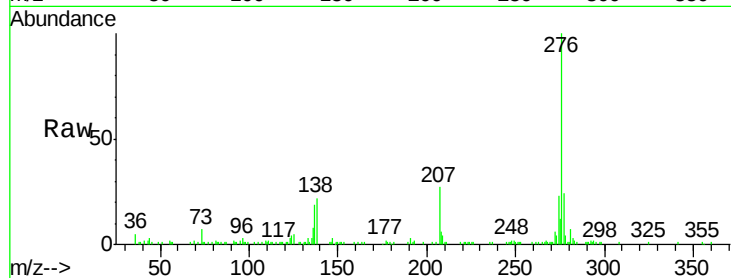
Tgt Ion: 276 Resp: 181575

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 22.3 17.4 26.0



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

