

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060315\
 Data File : BF079685.D
 Acq On : 4 Jun 2015 3:59
 Operator : TP/IZ
 Sample : G2408-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15S

Quant Time: Jun 04 04:37:55 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	92391	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	347274	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	178348	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	333496	20.00	ng	-0.03
75) Chrysene-d12	15.07	240	243396	20.00	ng	-0.31
86) Perylene-d12	17.04	264	337118	20.00	ng	-0.45

System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	667755	130.88	ng	0.00
7) Phenol-d6	7.11	99	874650	131.78	ng	0.00
23) Nitrobenzene-d5	8.08	82	485855	81.92	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	185794	126.22	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	1033542	87.97	ng	0.00
78) Terphenyl-d14	13.79	244	1116195	118.19	ng	-0.16

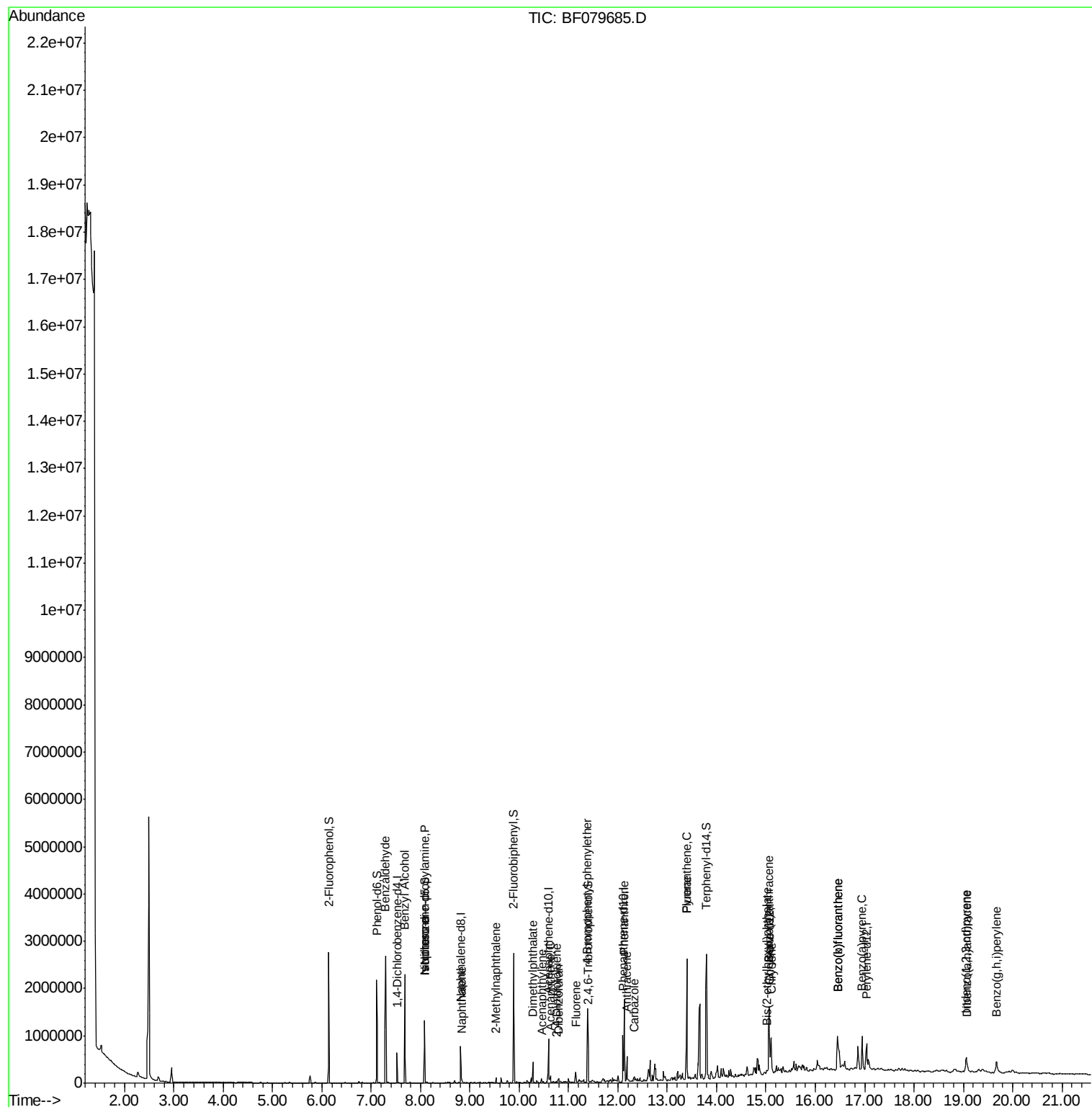
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	17746	4.57	ng	88
15) Benzyl Alcohol	7.68	79	9967	2.04	ng	# 50
19) n-Nitroso-di-n-propylamine	8.08	70	64524	14.09	ng	# 75
25) Isophorone	8.08	82	484598	40.94	ng	# 65
31) Naphthalene	8.83	128	41003	2.26	ng	98
32) Benzoic acid	8.44	122	278	Below Cal	#	74
37) 2-Methylnaphthalene	9.53	142	24936	2.06	ng	97
48) Acenaphthylene	10.46	152	43140	2.42	ng	98
49) Dimethylphthalate	10.27	163	156759	12.00	ng	# 98
51) Acenaphthene	10.63	154	37321	3.45	ng	96
54) Dibenzofuran	10.80	168	35689	2.27	ng	95
56) 2,4-Dinitrotoluene	10.75	165	1300	2.85	ng	# 27
57) Fluorene	11.14	166	61859	4.82	ng	98
66) 4-Bromophenyl-phenylether	11.38	248	12995	3.88	ng	# 1
70) Phenanthrene	12.13	178	724581	39.30	ng	100
71) Anthracene	12.18	178	205835	11.10	ng	98
72) Carbazole	12.33	167	46008	2.70	ng	97
74) Fluoranthene	13.39	202	1038742	52.25	ng	96
77) Pyrene	13.39	202	1038742	74.12	ng	100
80) Benzo(a)anthracene	15.06	228	539335	40.52	ng	98
82) Chrysene	15.11	228	417784	31.20	ng	98
83) Bis(2-ethylhexyl)phthalate	15.02	149	24920	6.13	ng	95
85) Indeno(1,2,3-cd)pyrene	19.06	276	263149	20.09	ng	93
87) Benzo(b)fluoranthene	16.46	252	804032	46.15	ng	99
88) Benzo(k)fluoranthene	16.46	252	804032	39.39	ng	# 98
89) Benzo(a)pyrene	16.95	252	456481	26.80	ng	99
90) Dibenzo(a,h)anthracene	19.07	278	62812	3.94	ng	95
91) Benzo(g,h,i)perylene	19.68	276	246024	14.53	ng	99

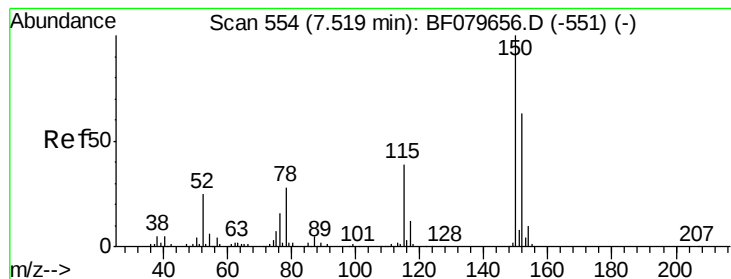
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060315\
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QLast Update : Wed Jun 03 15:20:47 2015
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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: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

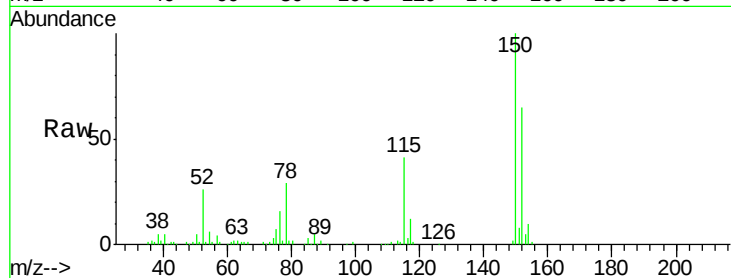
Tgt Ion:152 Resp: 92391

Ion Ratio Lower Upper

152 100

150 153.8 126.7 190.1

115 62.7 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

200000

150000

100000

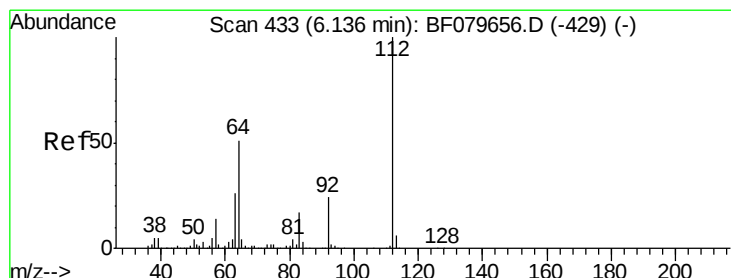
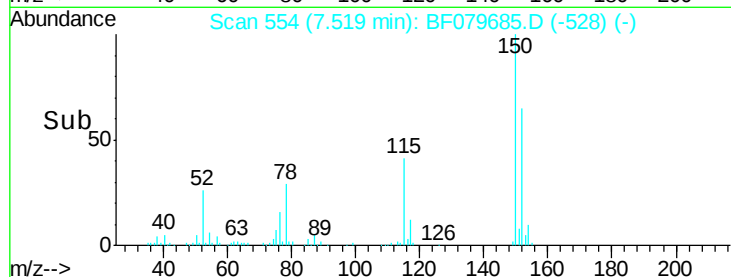
50000

0

7.52

7.50 7.55

Time-->



#5

2-Fluorophenol

Concen: 130.88 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

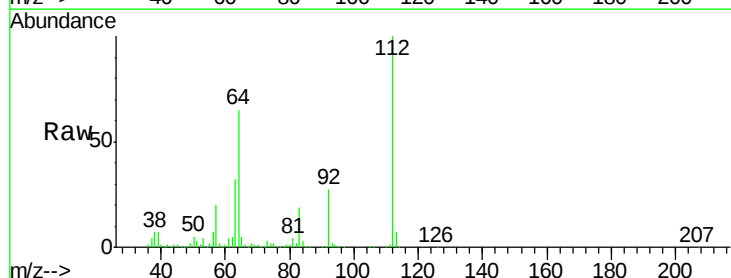
Tgt Ion:112 Resp: 667755

Ion Ratio Lower Upper

112 100

64 64.6 41.1 61.7#

63 32.5 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

1000000

800000

600000

400000

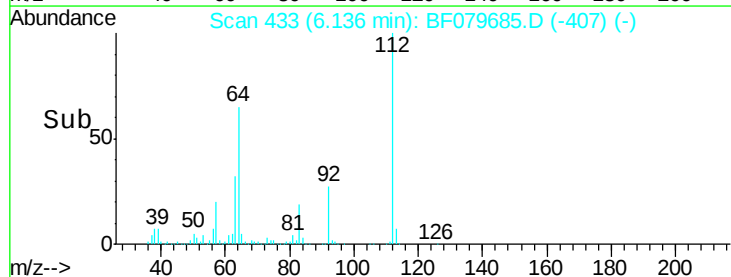
200000

0

6.14

6.05 6.10 6.15 6.20 6.25

Time-->





#7

Phenol-d6

Concen: 131.78 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampled :

SB-15S

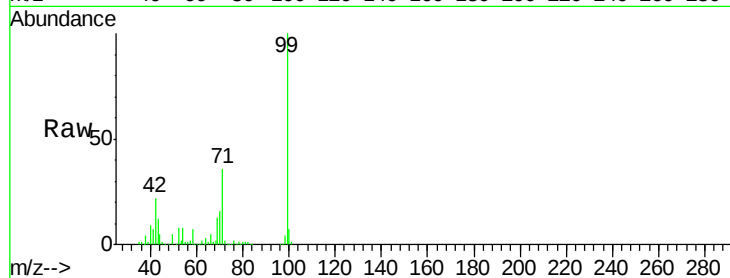
Tgt Ion: 99 Resp: 874650

Ion Ratio Lower Upper

99 100

42 22.0 15.2 22.8

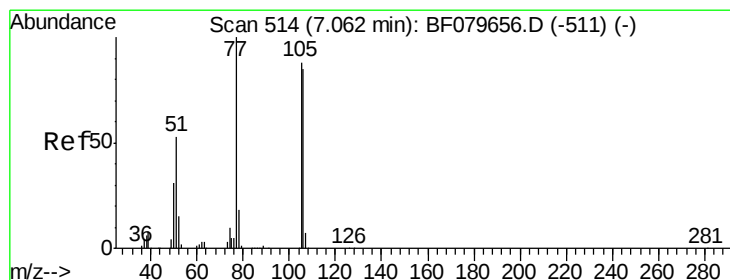
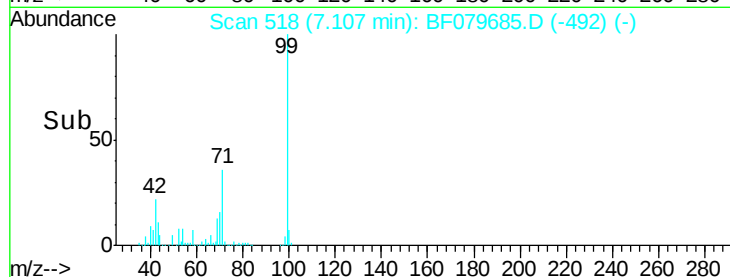
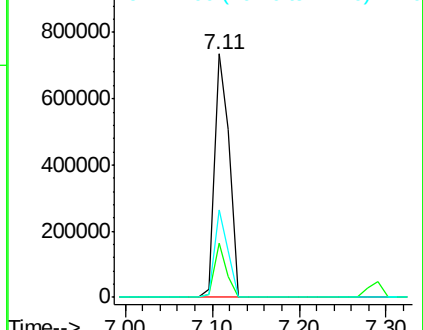
71 35.8 25.9 38.9



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



#9

Benzaldehyde

Concen: 4.57 ng

RT: 7.29 min Scan# 534

Delta R.T. 0.23 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

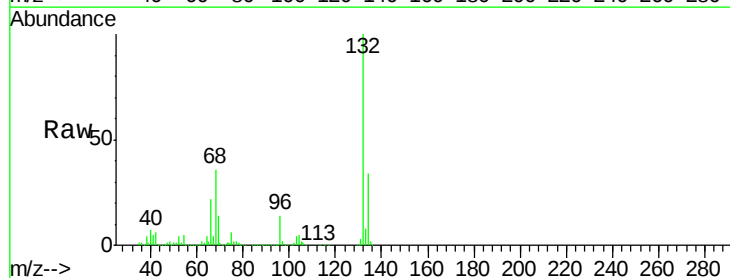
Tgt Ion: 77 Resp: 17746

Ion Ratio Lower Upper

77 100

105 80.7 68.2 108.2

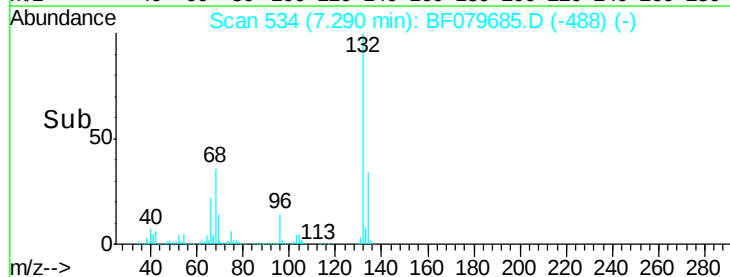
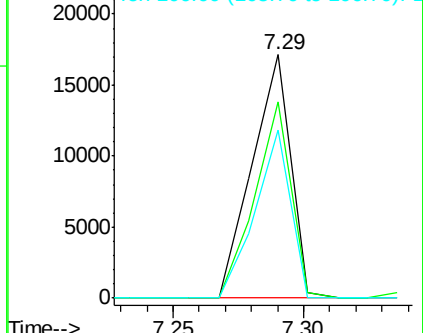
106 69.3 64.9 104.9

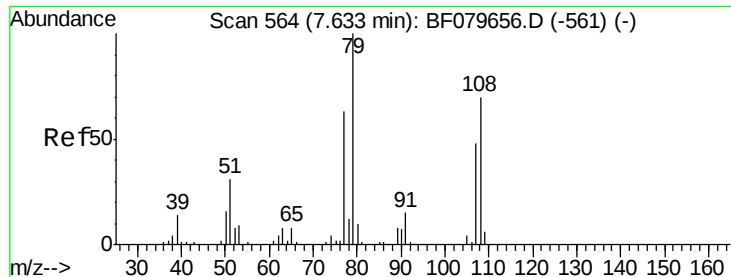


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.05 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

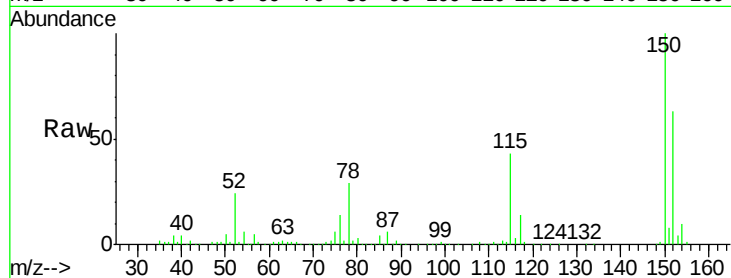
Tgt Ion: 79 Resp: 9967

Ion Ratio Lower Upper

79 100

108 27.9 56.2 84.4#

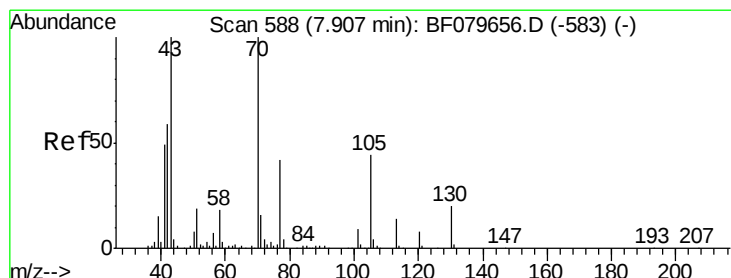
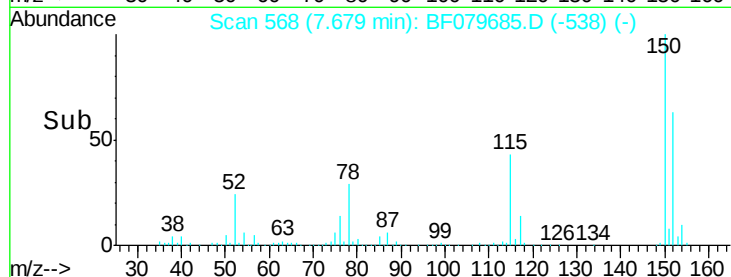
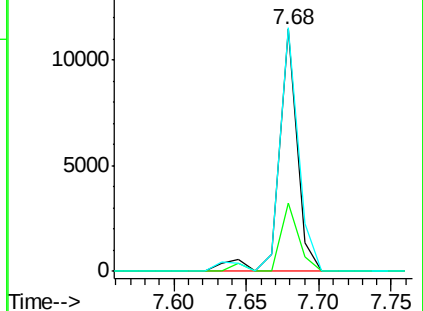
77 100.5 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.09 ng

RT: 8.08 min Scan# 603

Delta R.T. 0.17 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Tgt Ion: 70 Resp: 64524

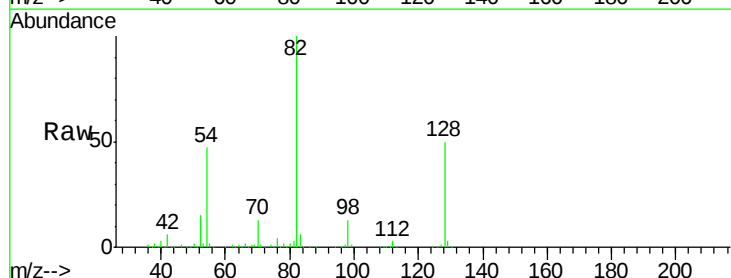
Ion Ratio Lower Upper

70 100

42 43.6 47.7 71.5#

101 0.0 7.4 11.0#

130 3.1 15.8 23.8#

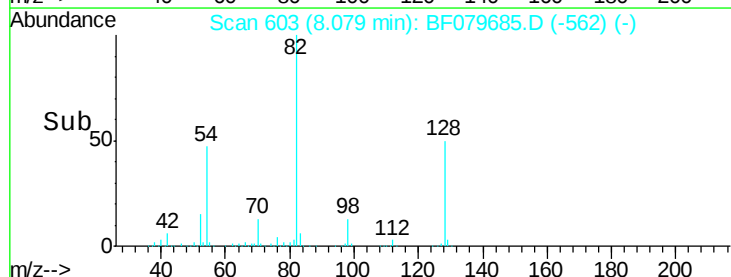
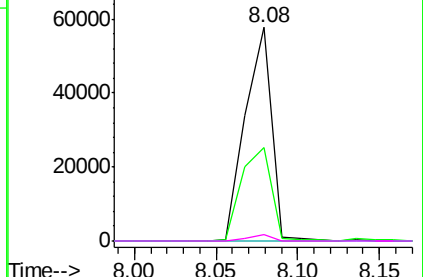


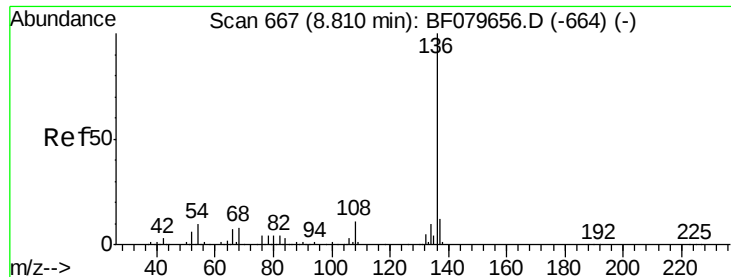
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

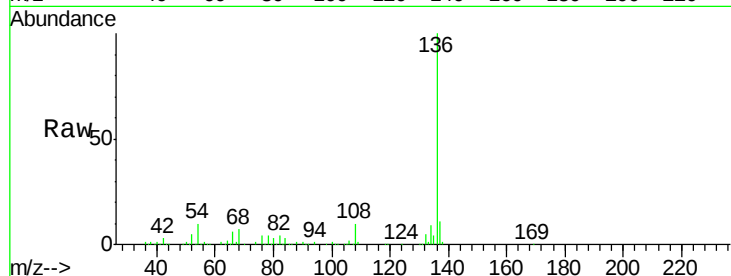




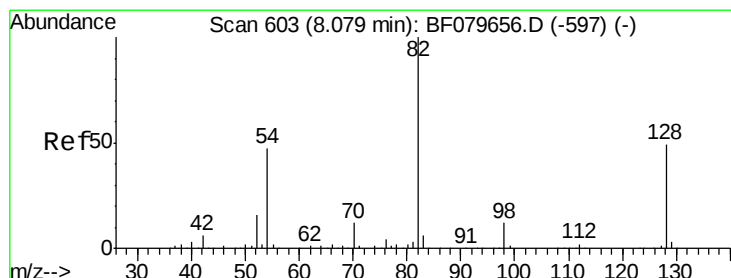
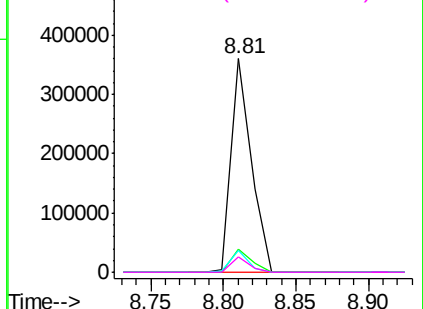
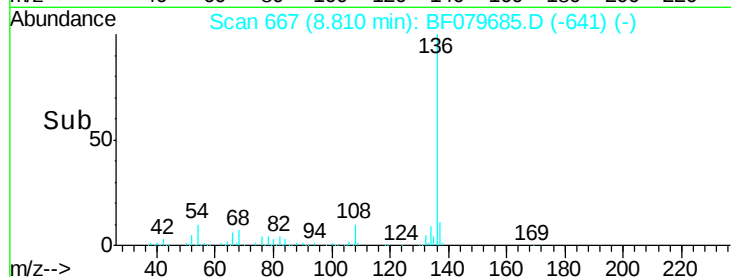
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079685.D
Acq: 4 Jun 2015 3:59

Instrument :
BNA_F
ClientSampleId :
SB-15S

Tgt Ion:	136	Resp:	347274
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	10.4	8.3	12.5
68	7.2	6.1	9.1

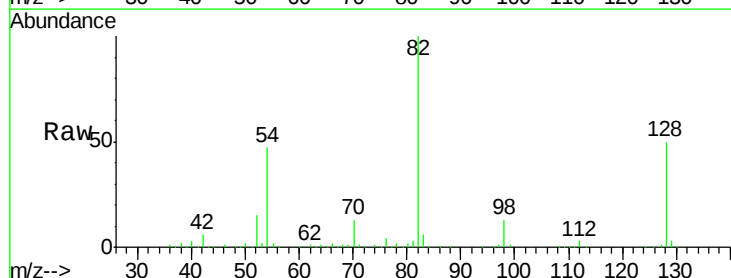


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

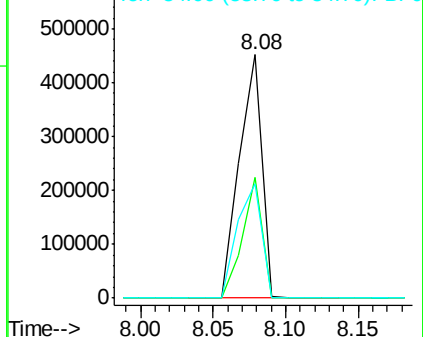
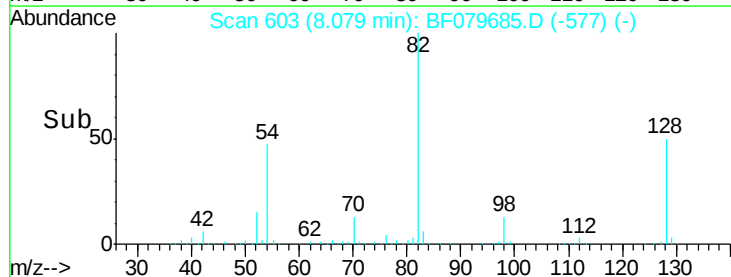


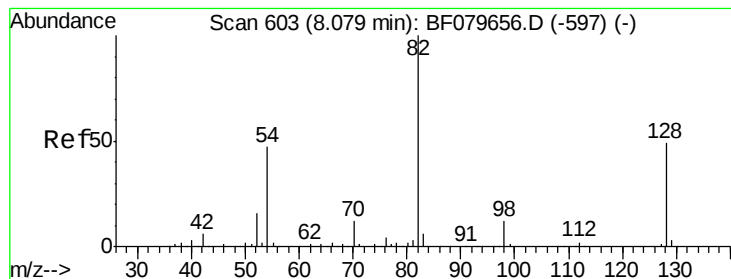
#23
Nitrobenzene-d5
Concen: 81.92 ng
RT: 8.08 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF079685.D
Acq: 4 Jun 2015 3:59

Tgt Ion:	82	Resp:	485855
Ion	Ratio	Lower	Upper
82	100		
128	49.7	39.4	59.0
54	46.7	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





#25

Isophorone

Concen: 40.94 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.25 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

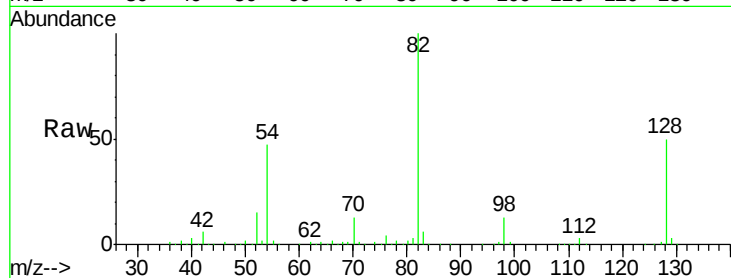
Tgt Ion: 82 Resp: 484598

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

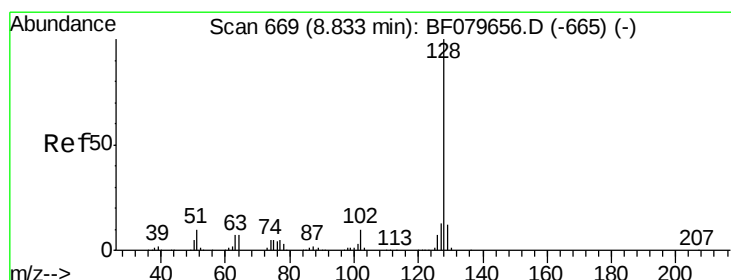
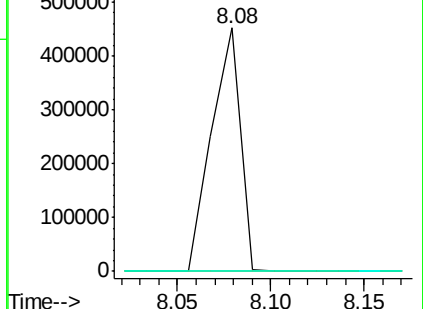
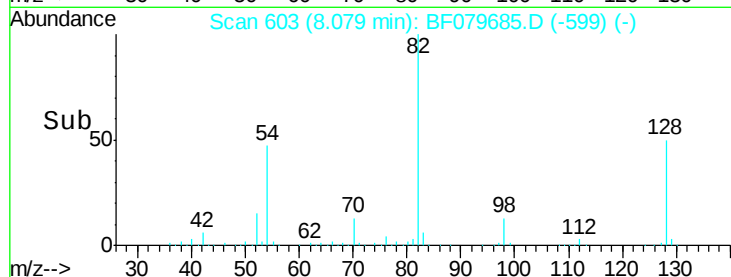
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF079685.D (-599) (-)

Ion 95.00 (94.70 to 95.70): BF079685.D (-599) (-)

Ion 138.00 (137.70 to 138.70): BF079685.D (-599) (-)



#31

Naphthalene

Concen: 2.26 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

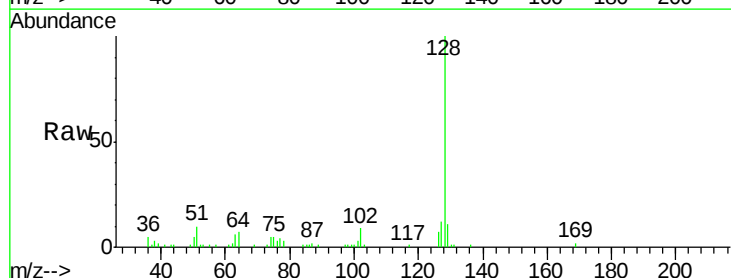
Tgt Ion: 128 Resp: 41003

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

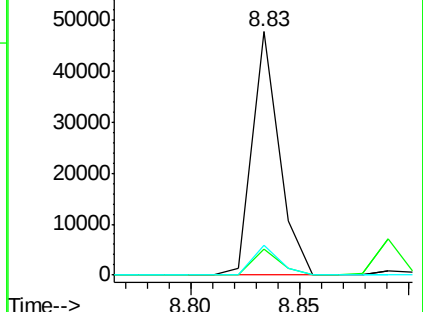
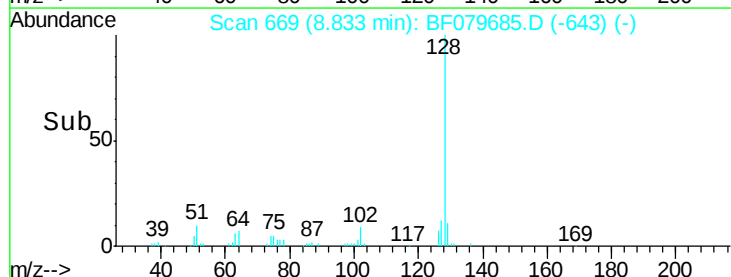
127 12.5 10.4 15.6

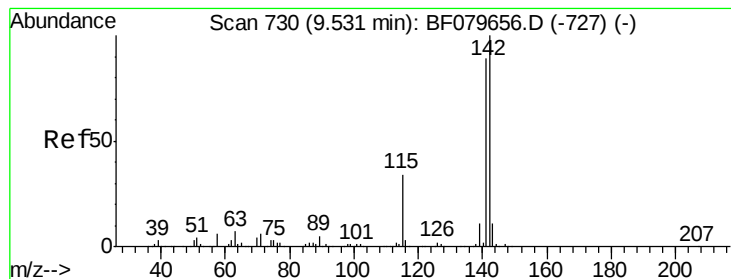


Abundance Ion 128.00 (127.70 to 128.70): BF079685.D (-643) (-)

Ion 129.00 (128.70 to 129.70): BF079685.D (-643) (-)

Ion 127.00 (126.70 to 127.70): BF079685.D (-643) (-)

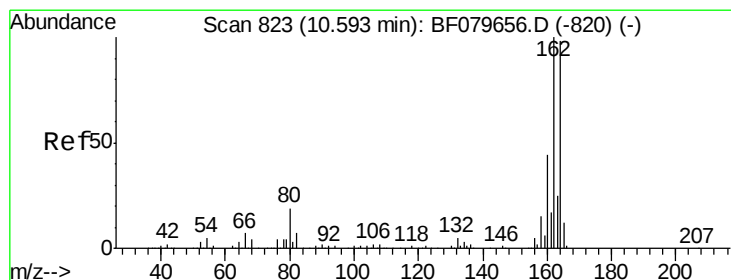
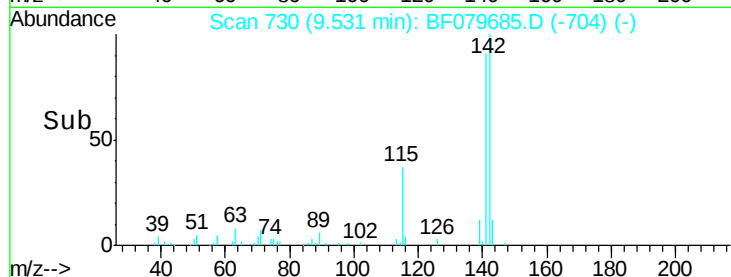
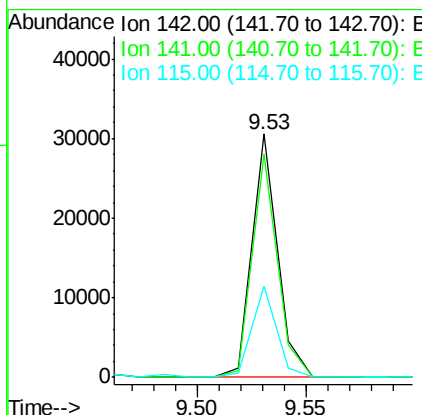
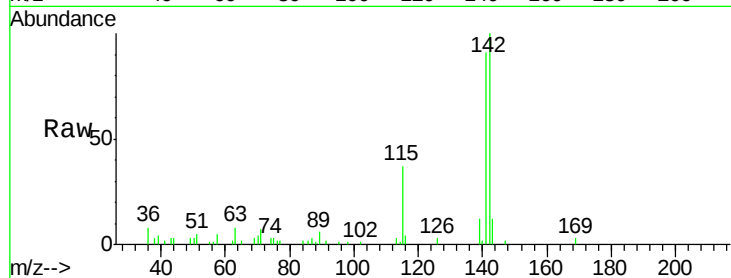




#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 9.53 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF079685.D
Acq: 4 Jun 2015 3:59

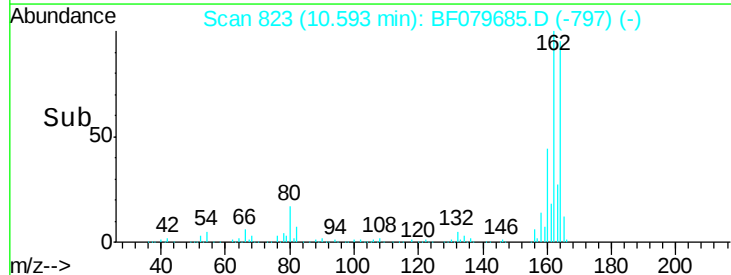
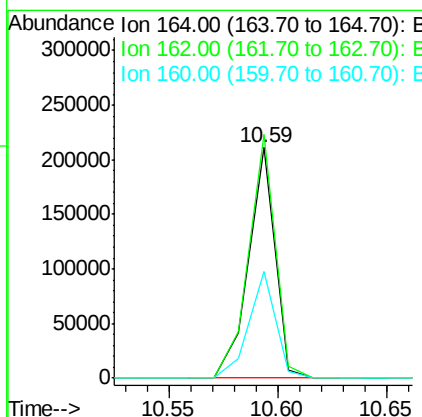
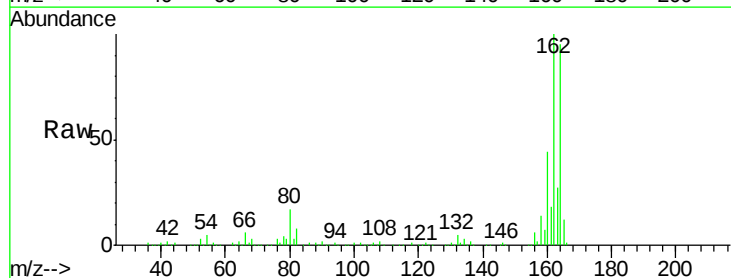
Instrument :
BNA_F
ClientSampleId :
SB-15S

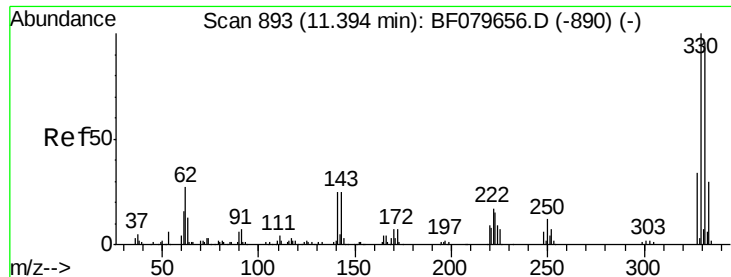
Tgt Ion:142 Resp: 24936
Ion Ratio Lower Upper
142 100
141 91.4 71.4 107.0
115 37.3 27.3 40.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF079685.D
Acq: 4 Jun 2015 3:59

Tgt Ion:164 Resp: 178348
Ion Ratio Lower Upper
164 100
162 105.6 82.0 123.0
160 46.3 35.9 53.9

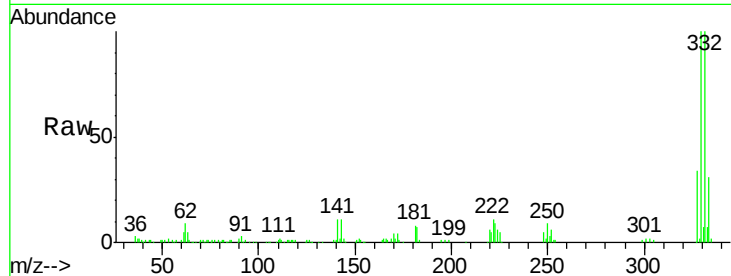




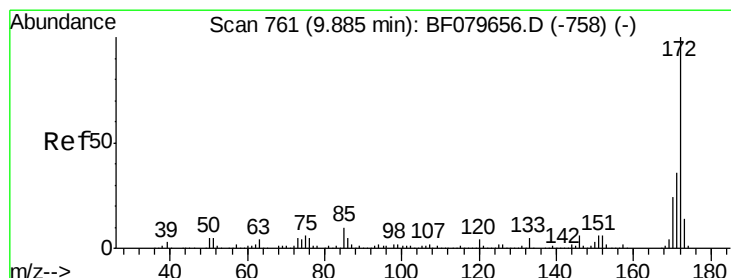
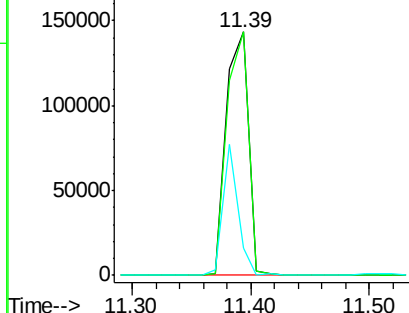
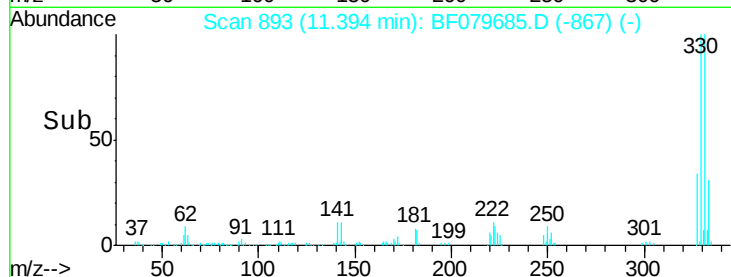
#41
 2,4,6-Tribromophenol
 Concen: 126.22 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079685.D
 Acq: 4 Jun 2015 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-15S

Tgt Ion:330 Resp: 185794
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 37.2 27.4 41.2

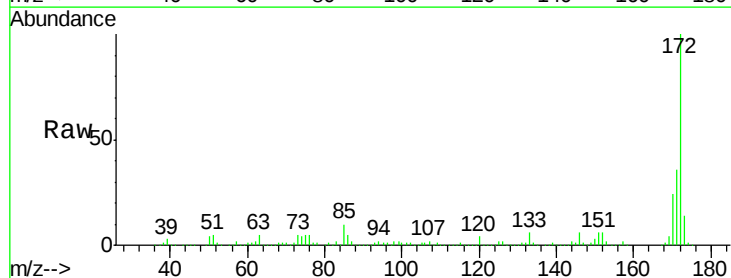


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

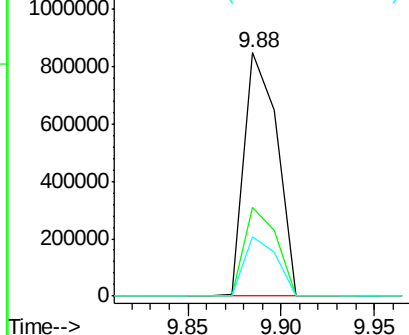
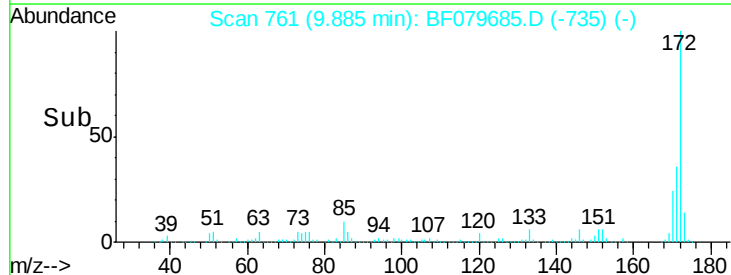


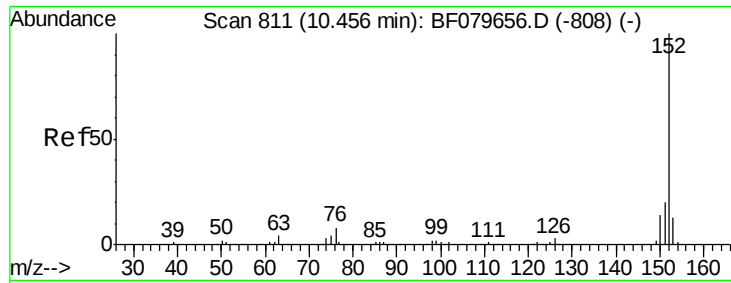
#44
 2-Fluorobiphenyl
 Concen: 87.97 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079685.D
 Acq: 4 Jun 2015 3:59

Tgt Ion:172 Resp: 1033542
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 24.4 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





#48

Acenaphthylene

Concen: 2.42 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

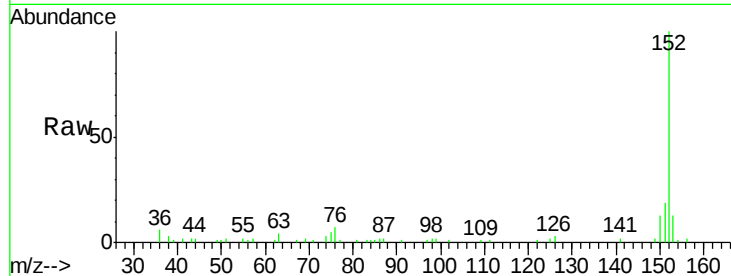
Tgt Ion:152 Resp: 43140

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4

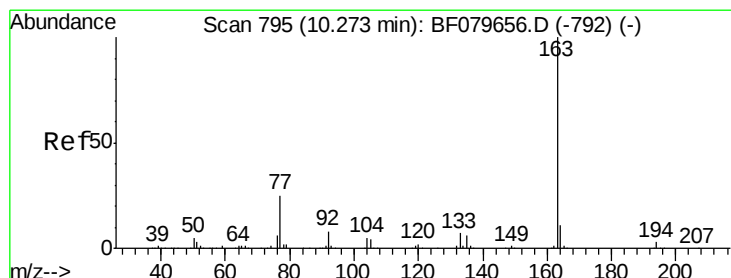
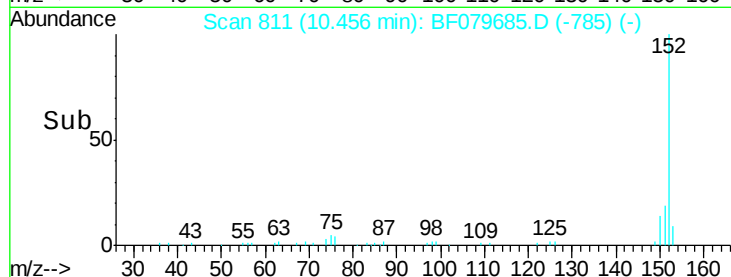
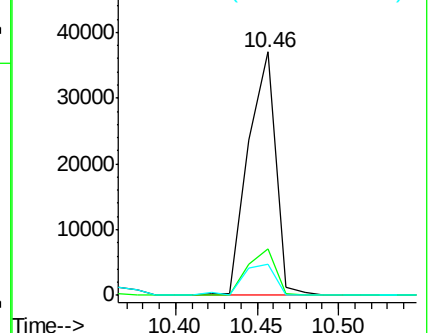
153 12.6 10.4 15.6



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: 12.00 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

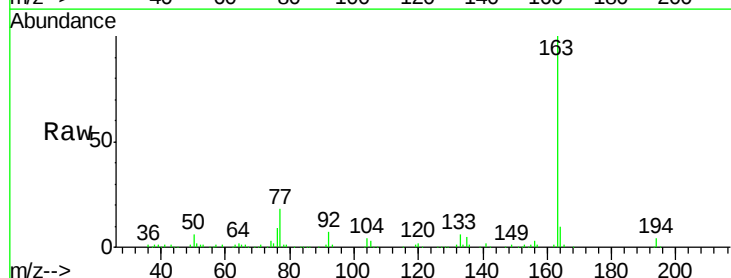
Tgt Ion:163 Resp: 156759

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

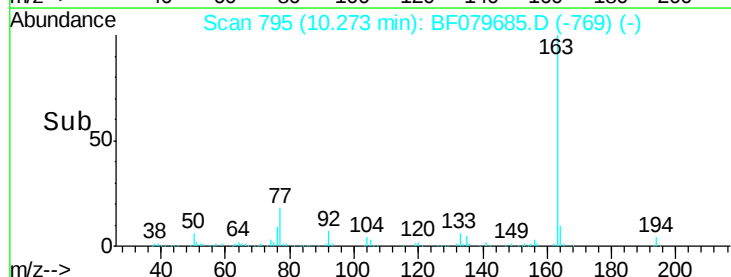
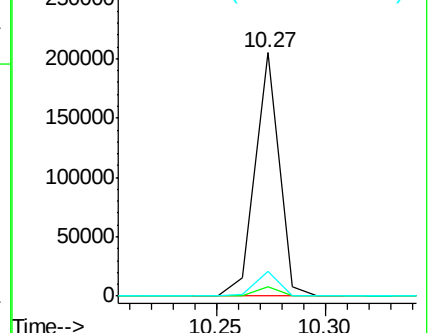
164 10.1 8.6 12.8

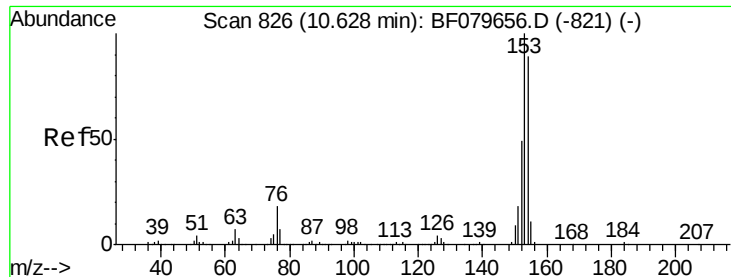


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.45 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

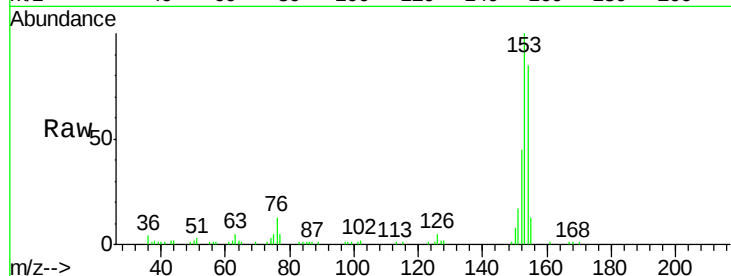
Tgt Ion:154 Resp: 37321

Ion Ratio Lower Upper

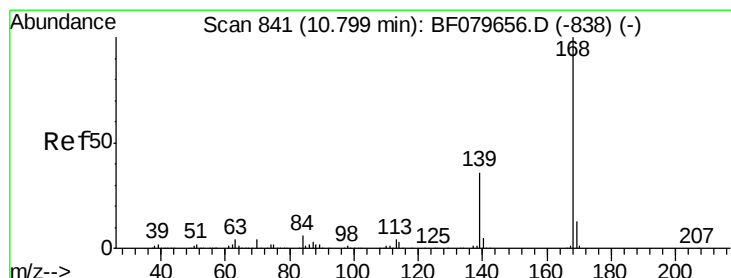
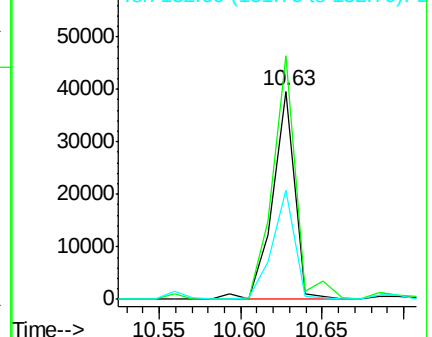
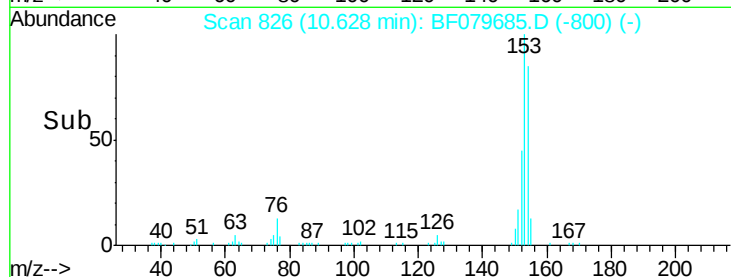
154 100

153 117.1 89.8 134.6

152 52.8 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: 2.27 ng

RT: 10.80 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

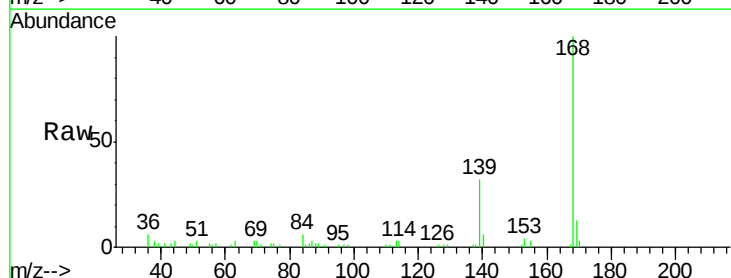
Tgt Ion:168 Resp: 35689

Ion Ratio Lower Upper

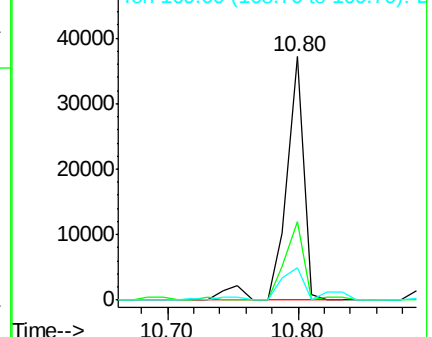
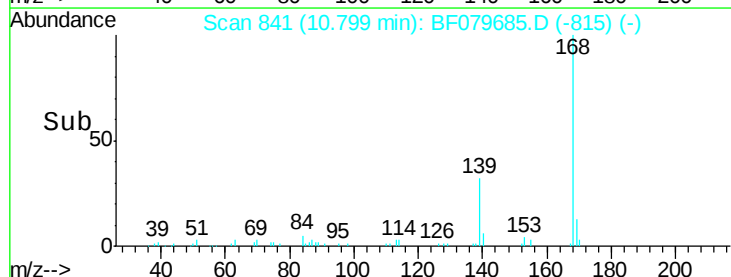
168 100

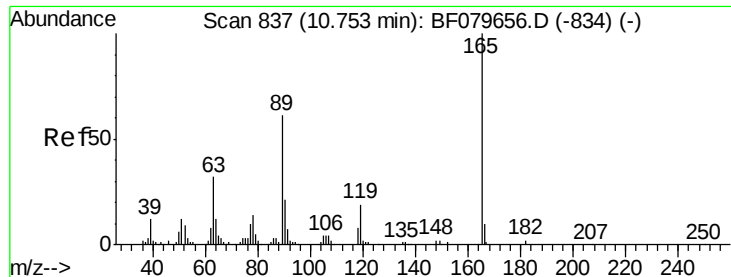
139 32.2 29.1 43.7

169 13.1 10.7 16.1



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

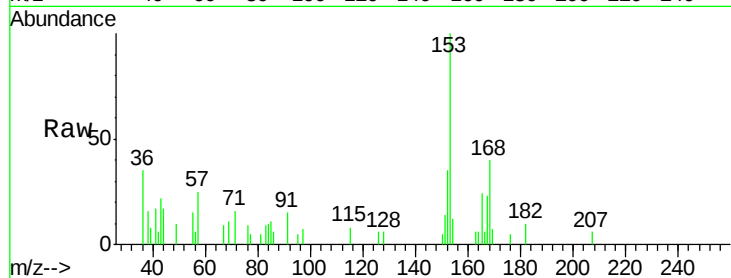




#56
2,4-Dinitrotoluene
Concen: 2.85 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079685.D
Acq: 4 Jun 2015 3:59

Instrument :
BNA_F
ClientSampleId :
SB-15S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.5	38.3#
89	0.0	48.5	72.7#
182	43.2	1.9	2.9#

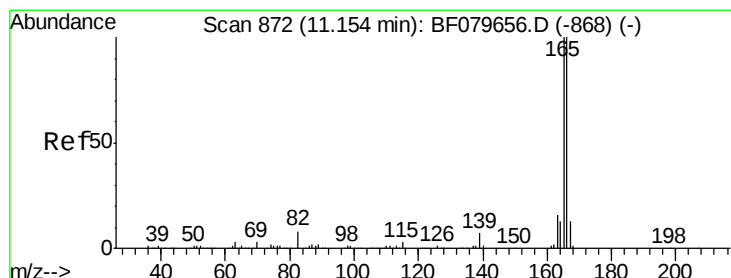
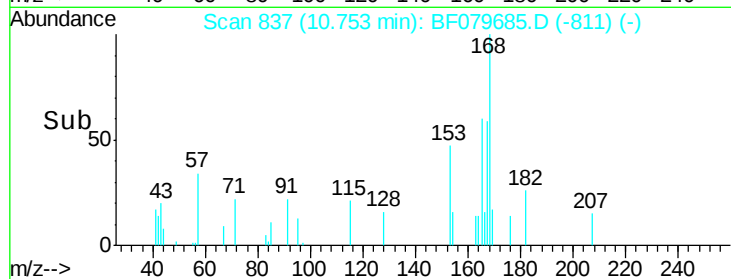
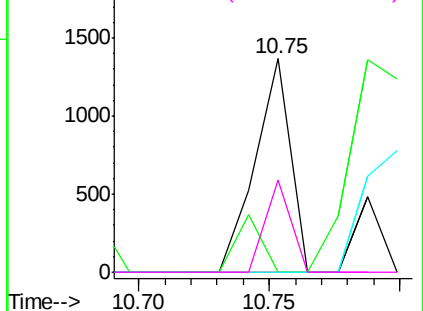


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

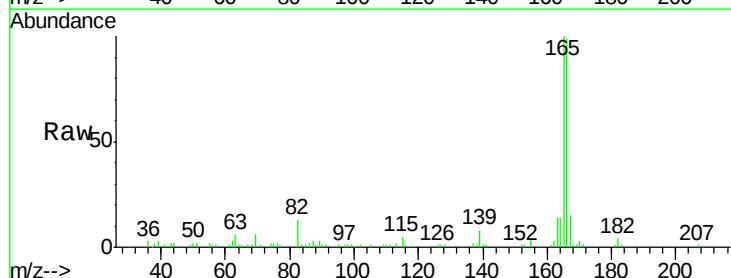
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 4.82 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF079685.D
Acq: 4 Jun 2015 3:59

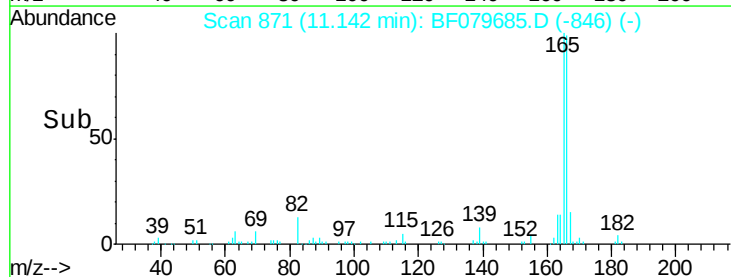
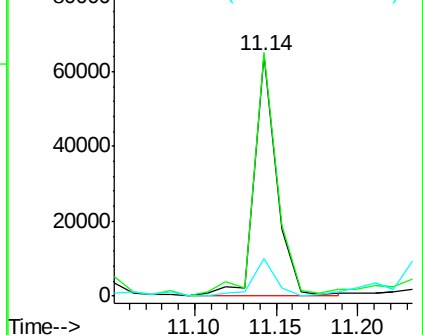
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.6
167	15.5	10.6	15.8

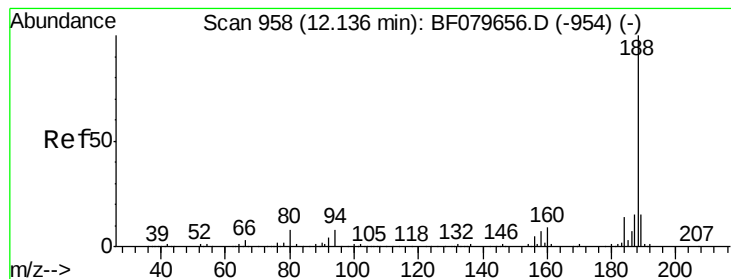


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

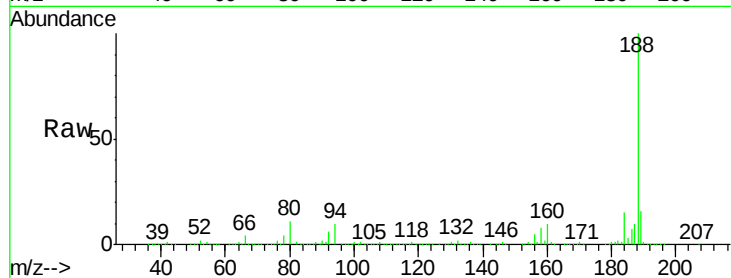
Tgt Ion:188 Resp: 333496

Ion Ratio Lower Upper

188 100

94 10.3 6.1 9.1#

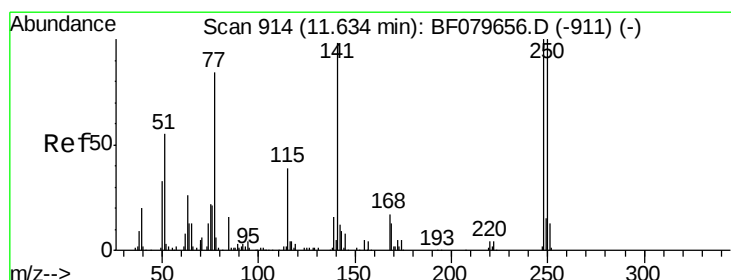
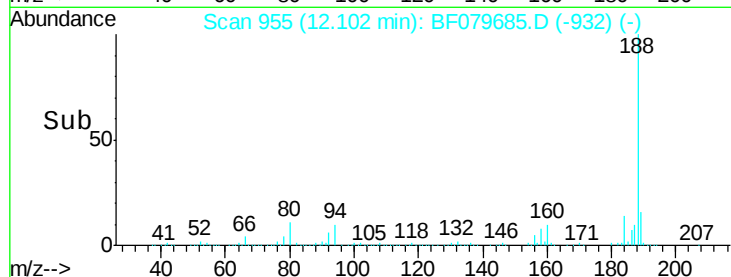
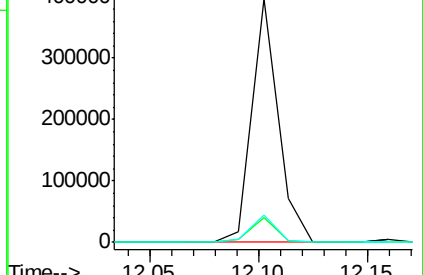
80 11.2 6.2 9.2#



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



#66

4-Bromophenyl-phenylether

Concen: 3.88 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

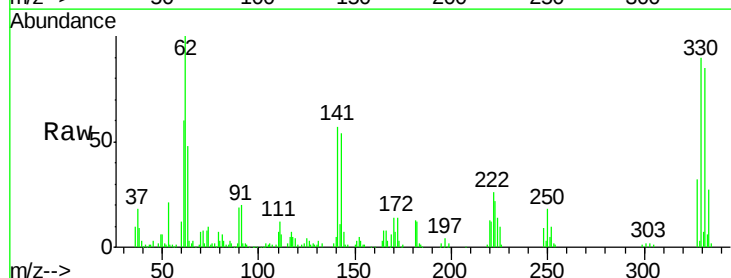
Tgt Ion:248 Resp: 12995

Ion Ratio Lower Upper

248 100

250 199.5 80.0 120.0#

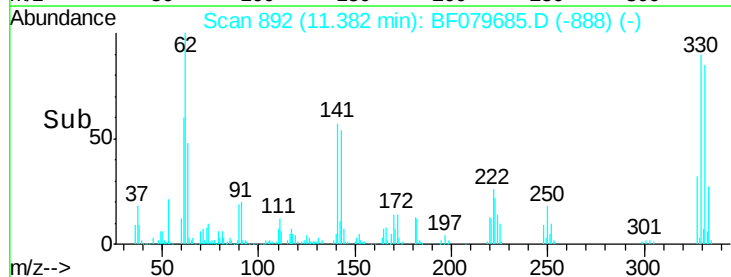
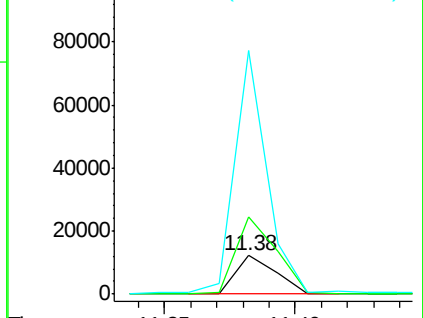
141 630.9 78.8 118.2#

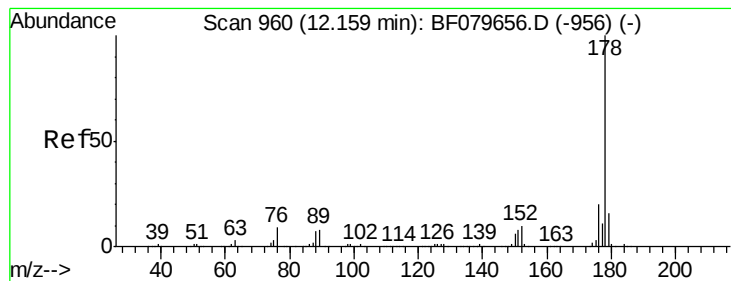


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 39.30 ng

RT: 12.13 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

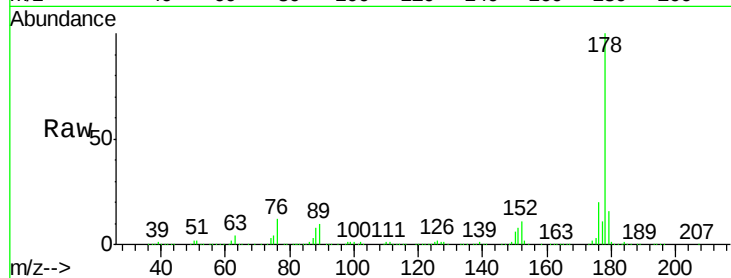
Tgt Ion:178 Resp: 724581

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

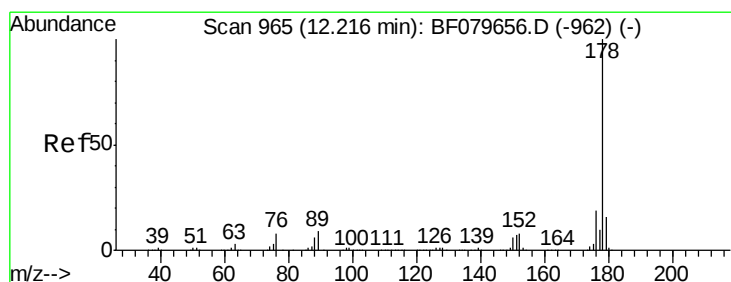
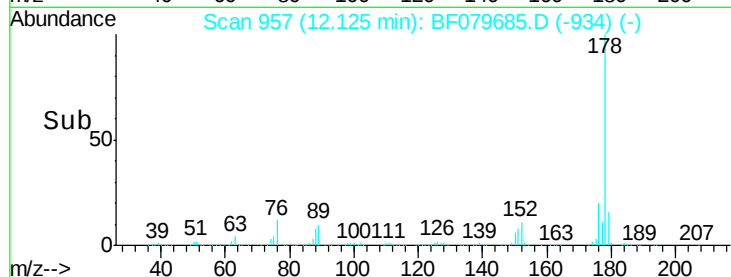
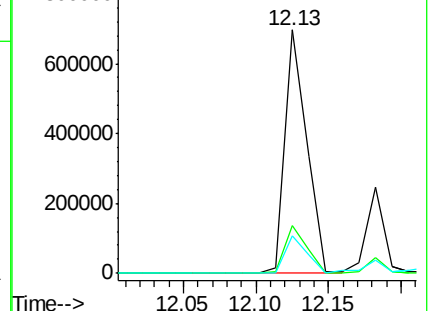
179 15.6 12.7 19.1



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: 11.10 ng

RT: 12.18 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

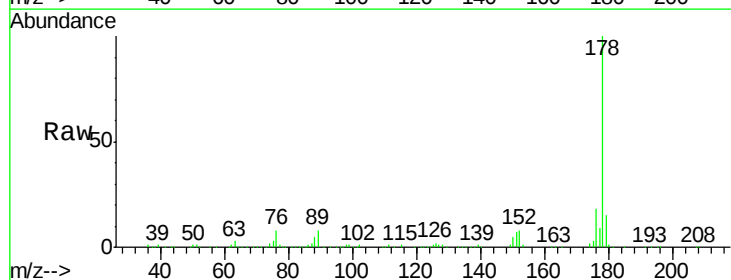
Tgt Ion:178 Resp: 205835

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

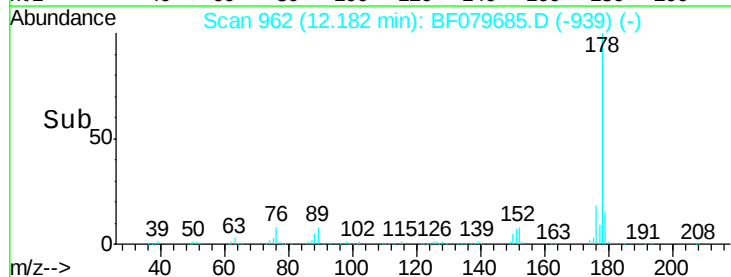
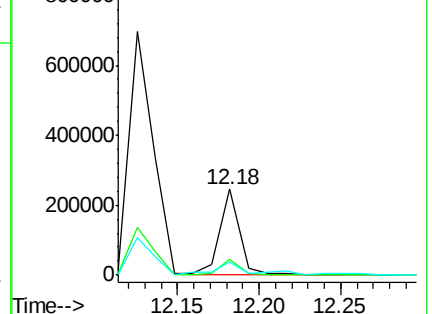
179 15.2 12.6 19.0

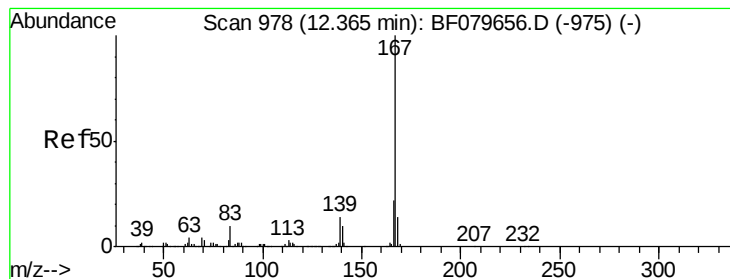


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.70 ng

RT: 12.33 min Scan# 975

Delta R.T. -0.03 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampled :

SB-15S

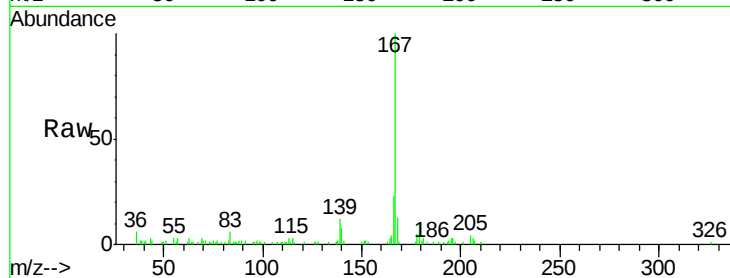
Tgt Ion:167 Resp: 46008

Ion Ratio Lower Upper

167 100

166 22.7 17.4 26.2

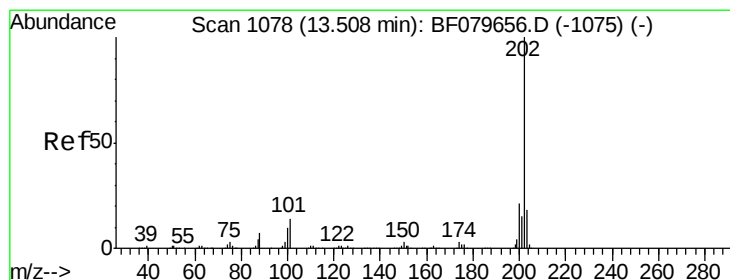
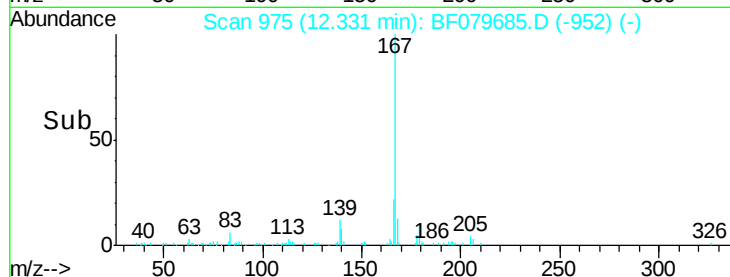
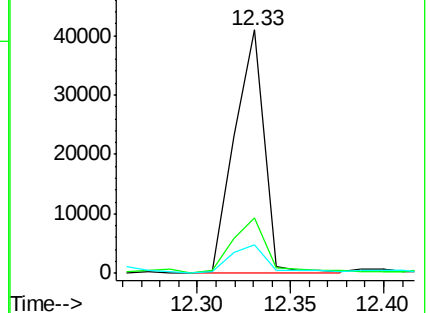
139 11.9 11.3 16.9



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: 52.25 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.11 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

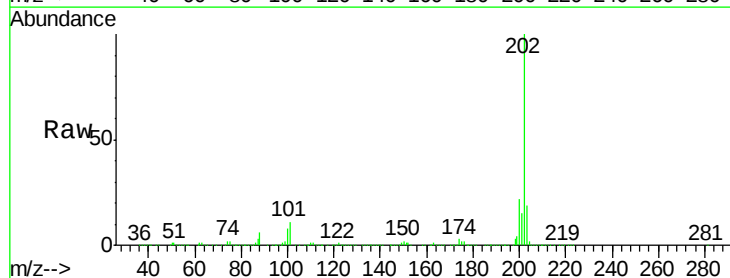
Tgt Ion:202 Resp: 1038742

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.0

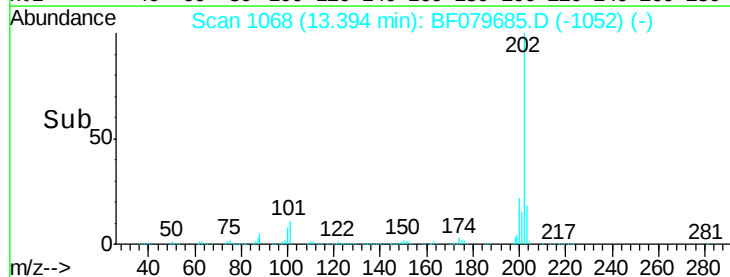
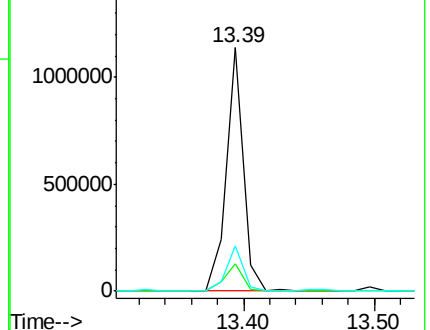
203 18.5 0.0 37.9

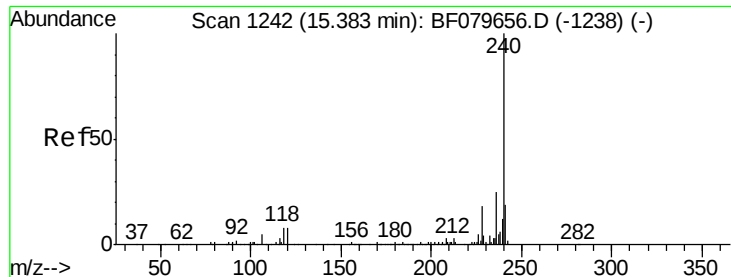


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

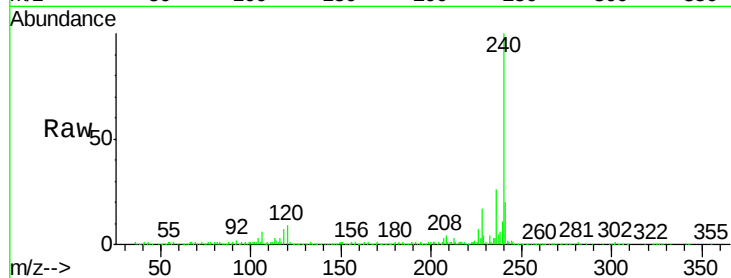
Tgt Ion:240 Resp: 243396

Ion Ratio Lower Upper

240 100

120 8.8 6.4 9.6

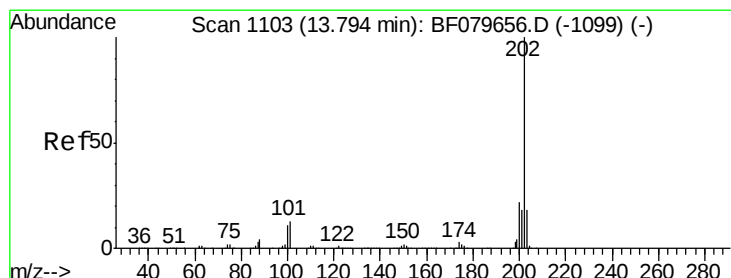
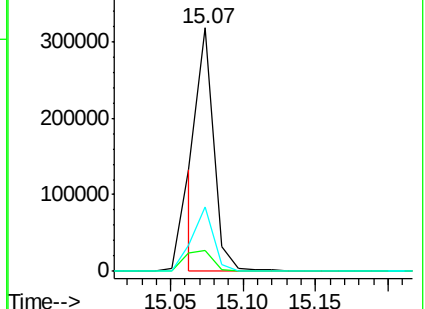
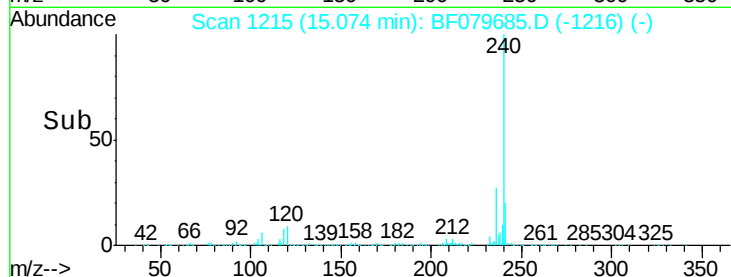
236 26.5 20.2 30.4



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: 74.12 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.40 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

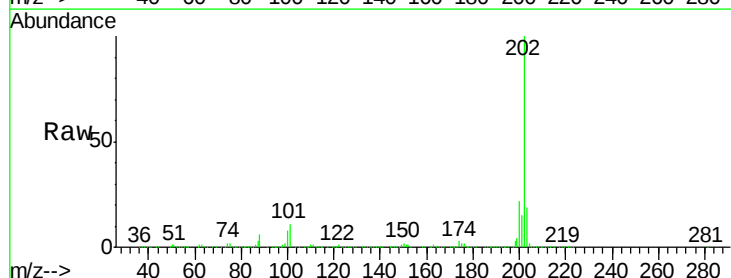
Tgt Ion:202 Resp: 1038742

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.0

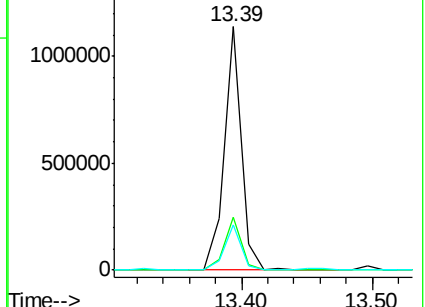
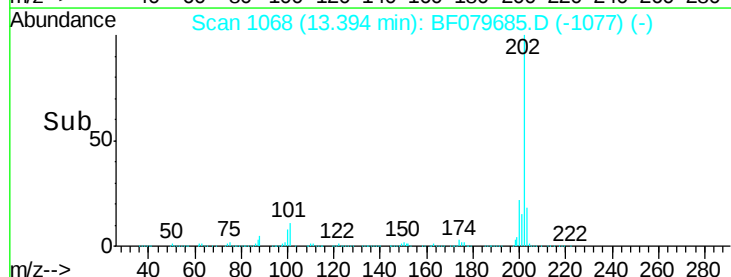
203 18.5 14.5 21.7

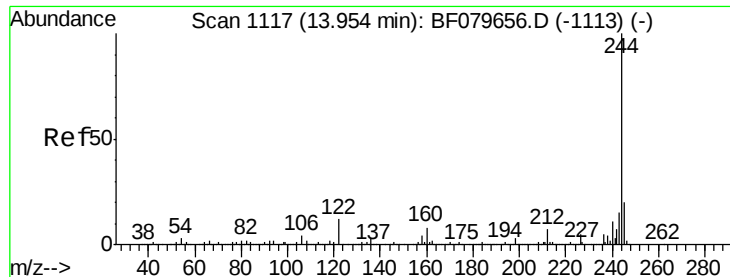


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 118.19 ng

RT: 13.79 min Scan# 1103

Delta R.T. -0.16 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

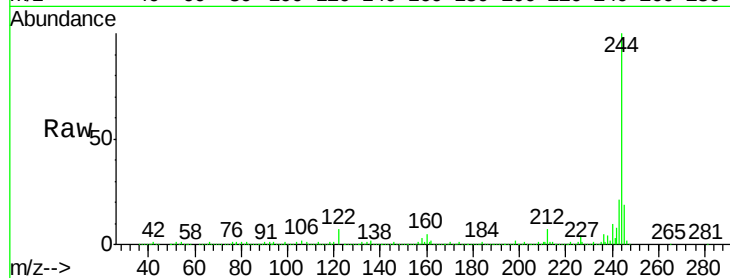
Tgt Ion:244 Resp: 1116195

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

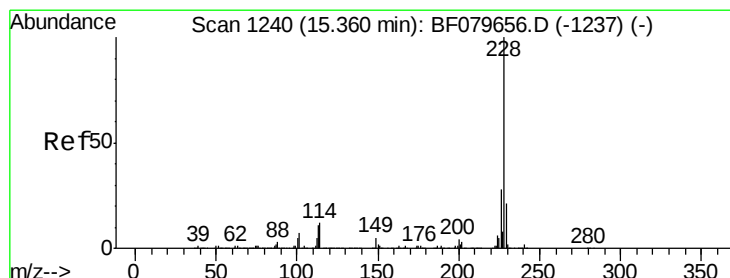
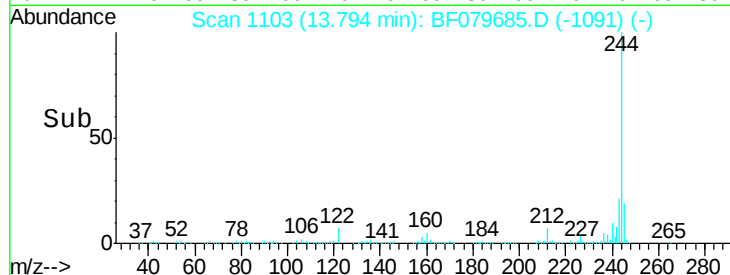
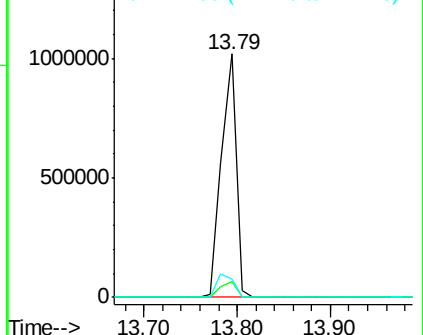
122 7.4 9.8 14.6#



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: 40.52 ng

RT: 15.06 min Scan# 1214

Delta R.T. -0.30 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

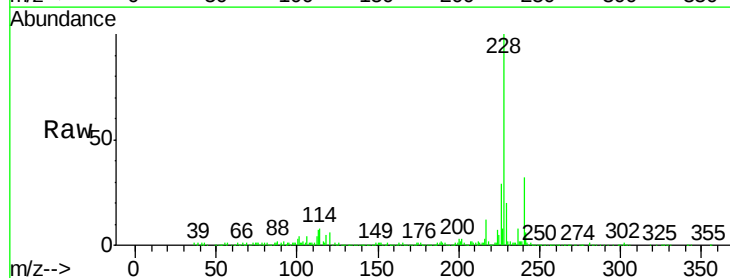
Tgt Ion:228 Resp: 539335

Ion Ratio Lower Upper

228 100

226 29.5 22.5 33.7

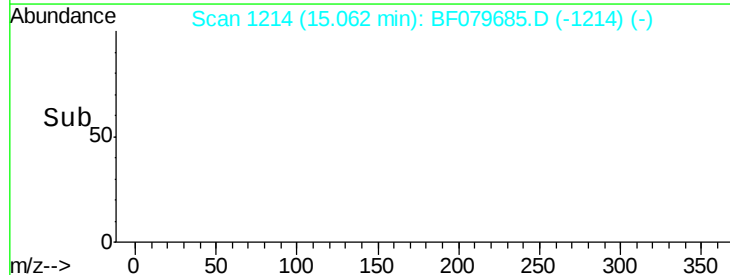
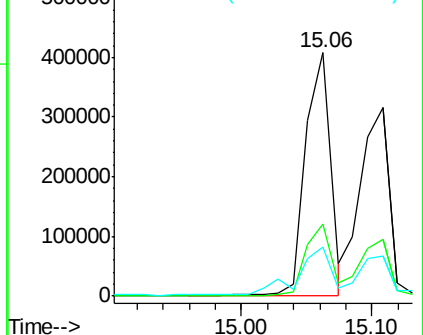
229 20.3 16.6 24.8

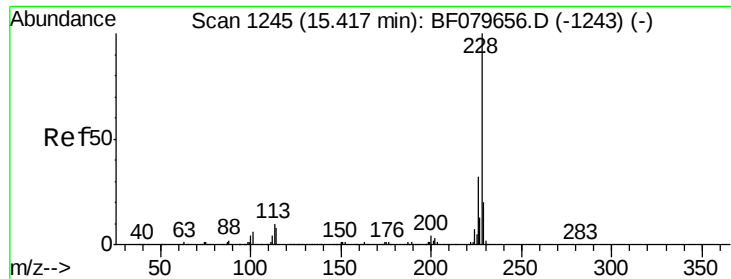


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 31.20 ng

RT: 15.11 min Scan# 1218

Delta R.T. -0.31 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

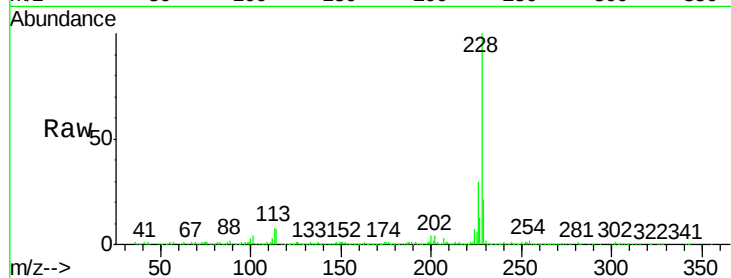
Tgt Ion:228 Resp: 417784

Ion Ratio Lower Upper

228 100

226 30.1 25.2 37.8

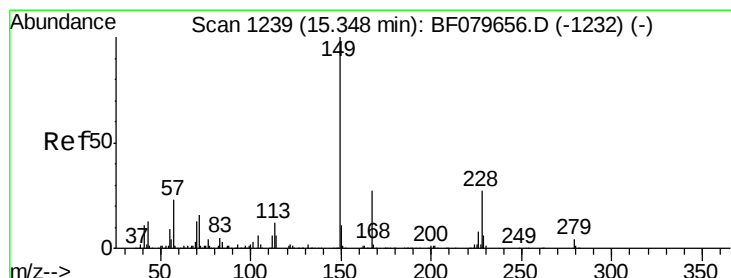
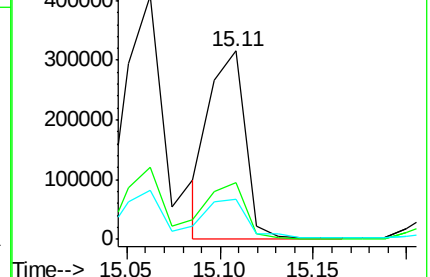
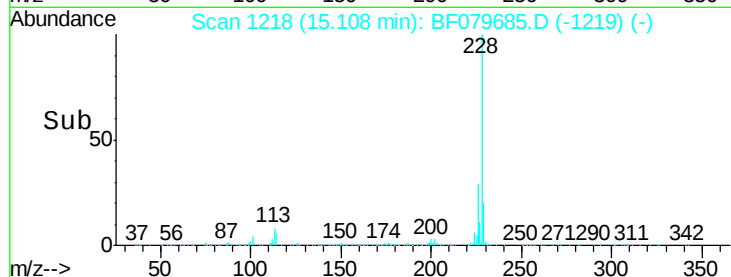
229 21.1 16.3 24.5



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: 6.13 ng

RT: 15.02 min Scan# 1210

Delta R.T. -0.33 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

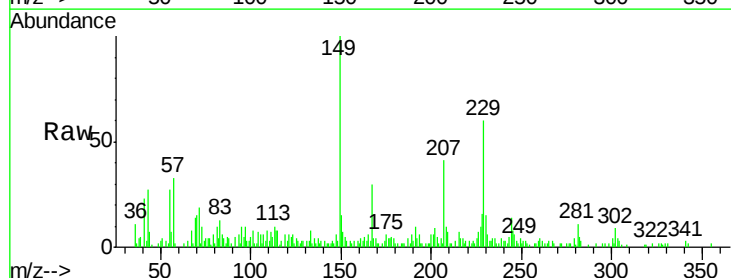
Tgt Ion:149 Resp: 24920

Ion Ratio Lower Upper

149 100

167 29.7 21.6 32.4

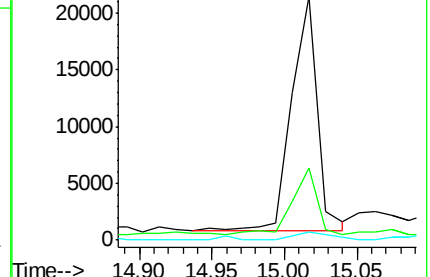
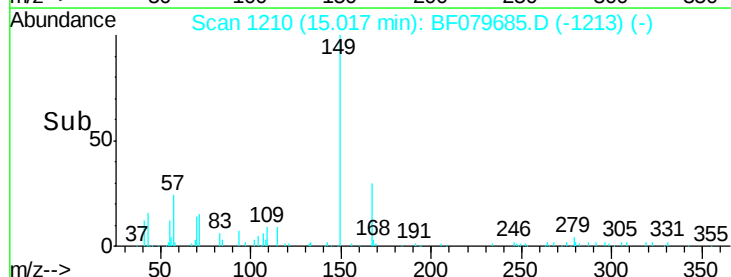
279 3.6 3.1 4.7

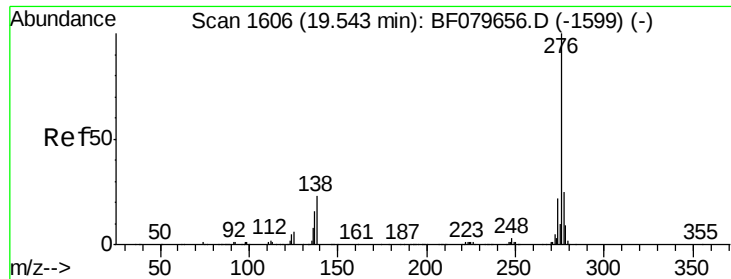


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

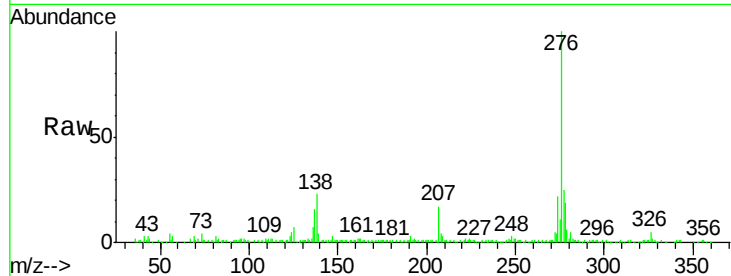




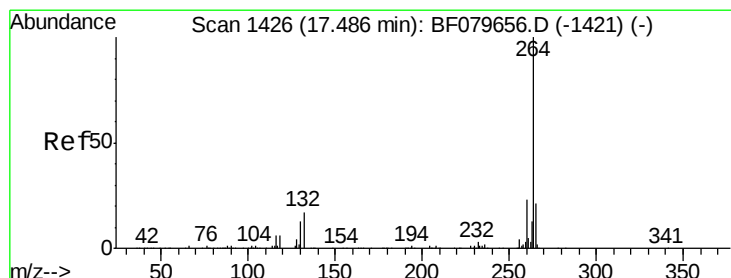
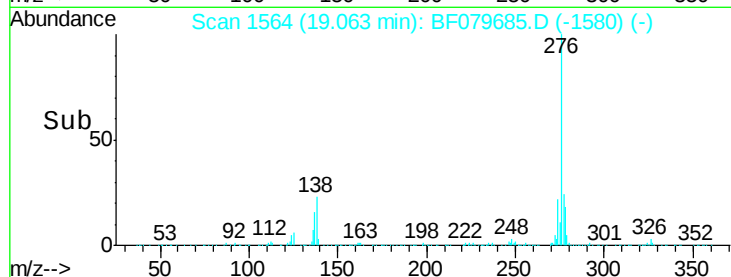
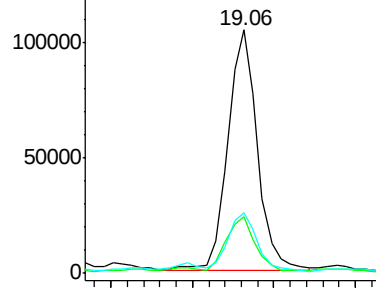
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.09 ng
 RT: 19.06 min Scan# 1564
 Delta R.T. -0.48 min
 Lab File: BF079685.D
 Acq: 4 Jun 2015 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-15S

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	21.9	32.9
277	23.7	20.2	30.4

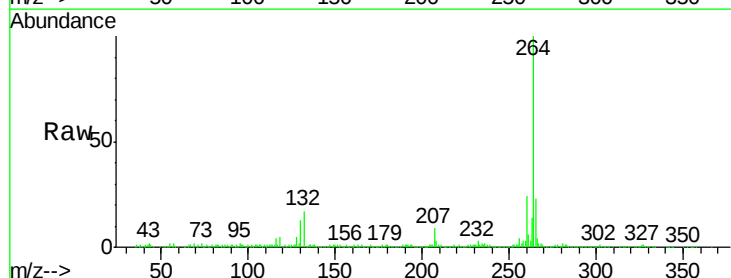


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

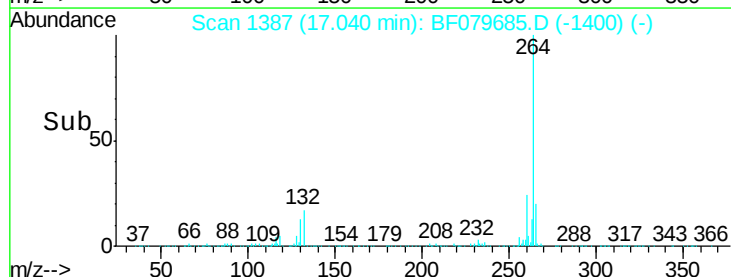
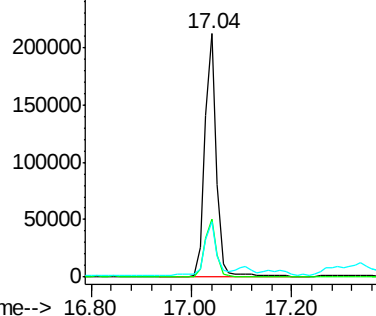


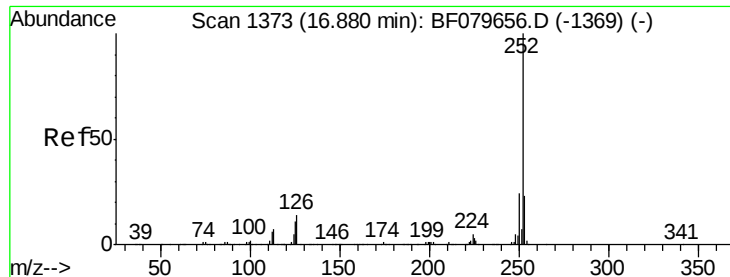
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.04 min Scan# 1387
 Delta R.T. -0.45 min
 Lab File: BF079685.D
 Acq: 4 Jun 2015 3:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.7	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: 46.15 ng

RT: 16.46 min Scan# 1336

Delta R.T. -0.42 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

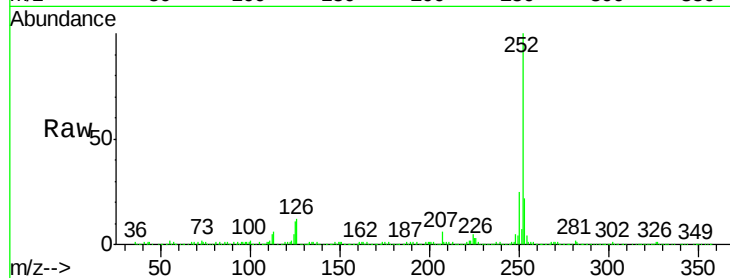
Tgt Ion:252 Resp: 804032

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

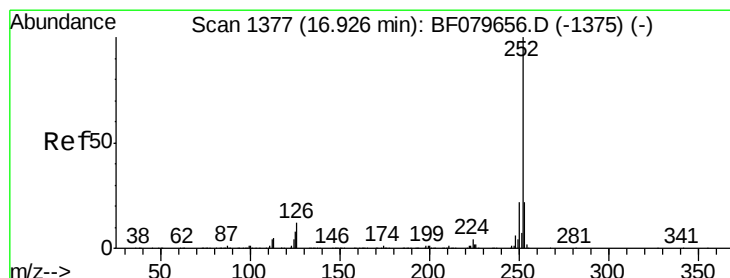
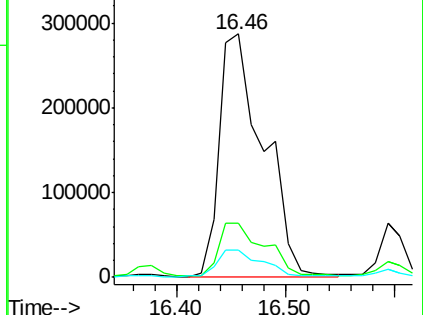
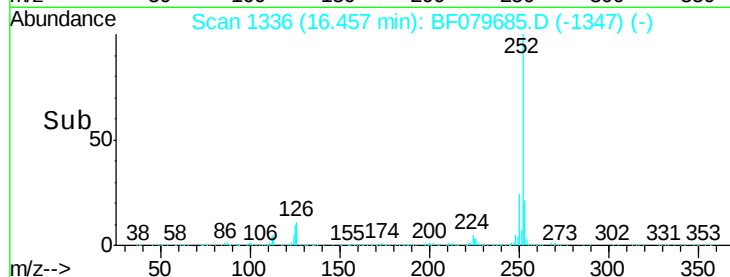
125 11.1 8.7 13.1



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: 39.39 ng

RT: 16.46 min Scan# 1336

Delta R.T. -0.47 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

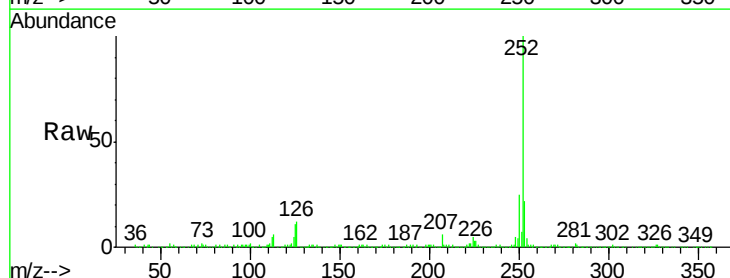
Tgt Ion:252 Resp: 804032

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

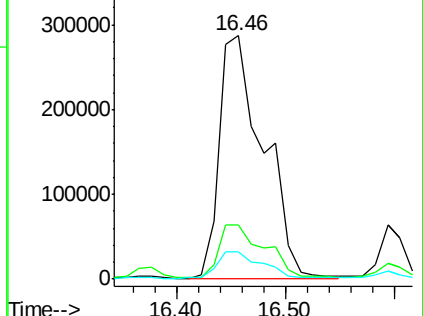
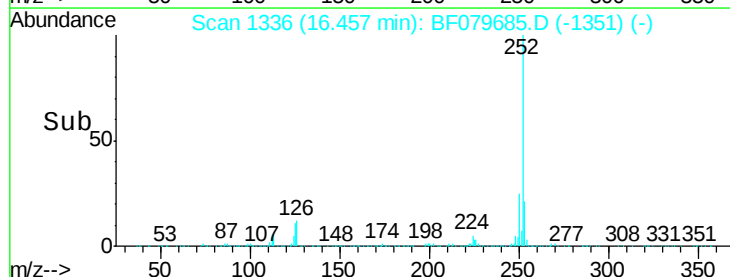
125 11.1 7.1 10.7#

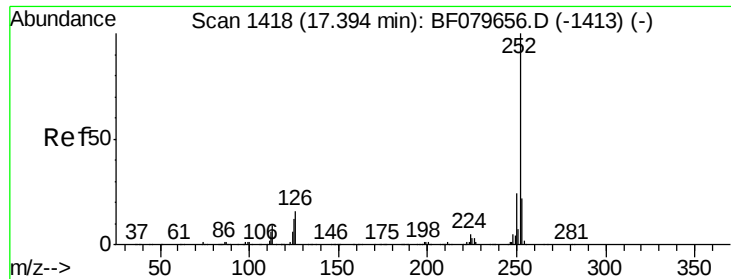


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 26.80 ng

RT: 16.95 min Scan# 1379

Delta R.T. -0.45 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

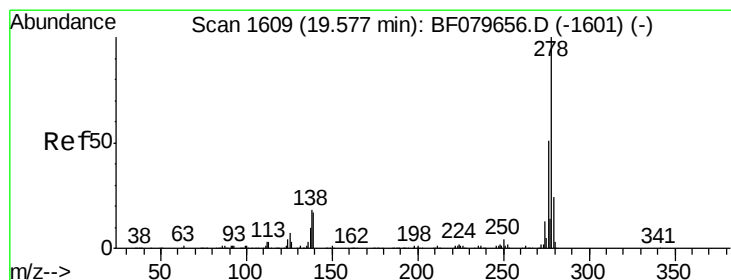
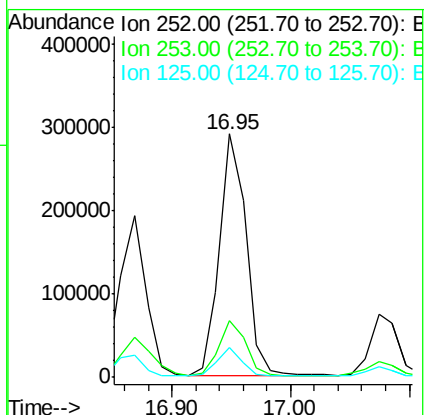
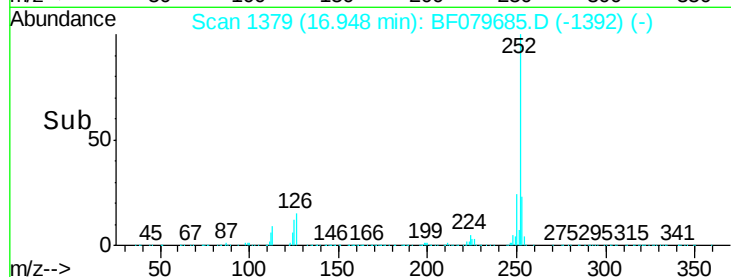
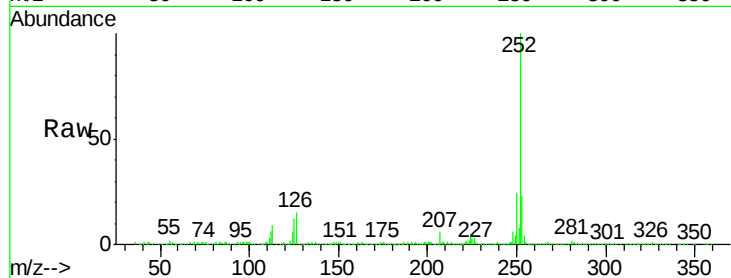
Tgt Ion:252 Resp: 456481

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 12.0 9.4 14.0



#90

Dibenzo(a,h)anthracene

Concen: 3.94 ng

RT: 19.07 min Scan# 1565

Delta R.T. -0.50 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

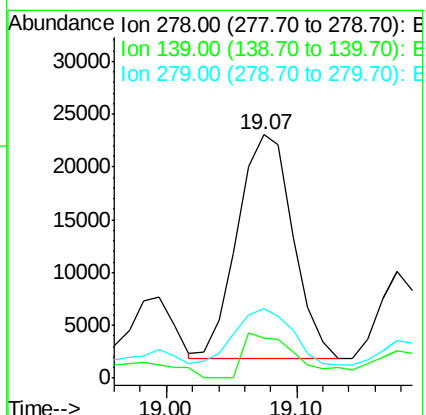
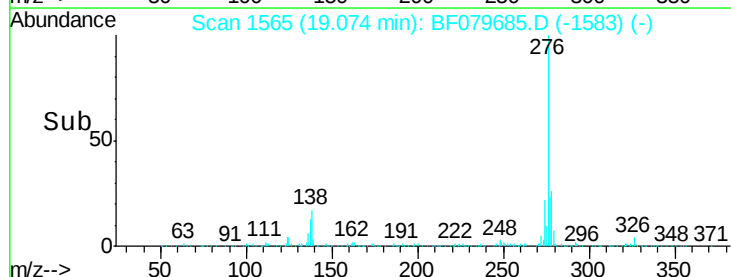
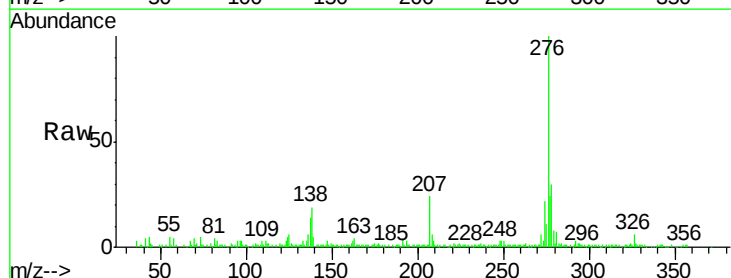
Tgt Ion:278 Resp: 62812

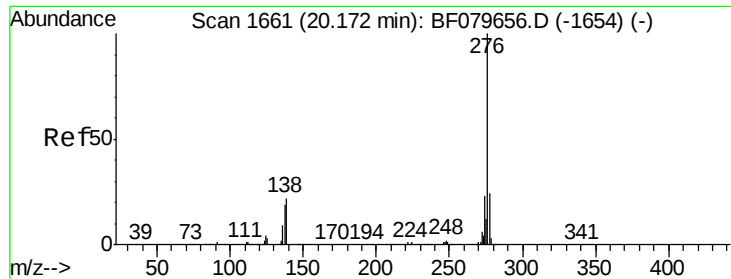
Ion Ratio Lower Upper

278 100

139 16.5 13.7 20.5

279 28.5 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 14.53 ng

RT: 19.68 min Scan# 1618

Delta R.T. -0.49 min

Lab File: BF079685.D

Acq: 4 Jun 2015 3:59

Instrument :

BNA_F

ClientSampleId :

SB-15S

Tgt Ion: 276 Resp: 246024

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 22.3 17.4 26.0

