

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075565.D
 Acq On : 16 Nov 2014 2:36
 Operator : TP / JJ
 Sample : F4713-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4-5)

Quant Time: Nov 16 06:16:03 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

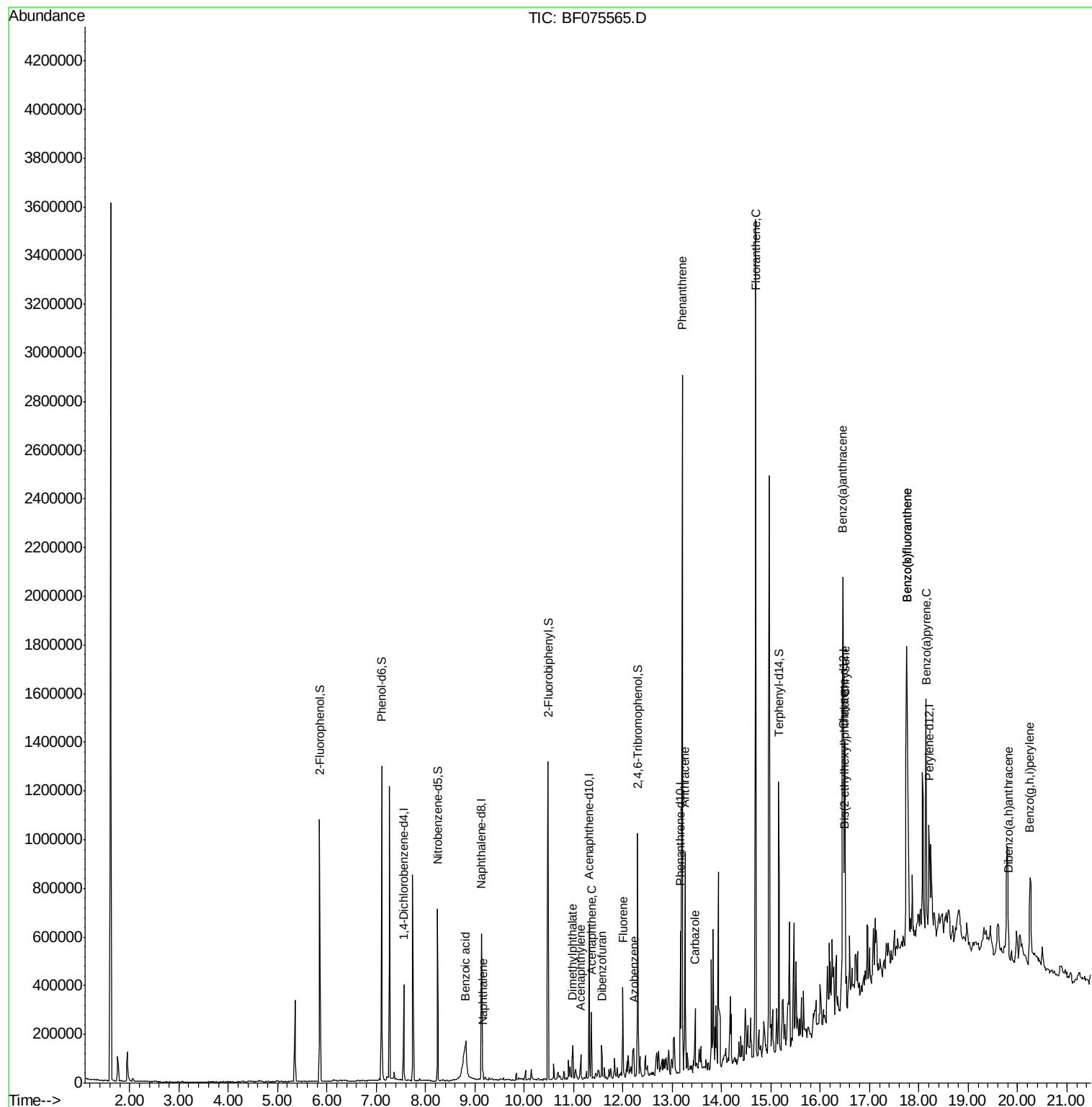
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	60947	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	255485	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	135737	20.00	ng	-0.02
63) Phenanthrene-d10	13.17	188	233943	20.00	ng	-0.02
75) Chrysene-d12	16.47	240	225796	20.00	ng	-0.07
86) Perylene-d12	18.21	264	221253	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	332684	96.43	ng	-0.01
7) Phenol-d6	7.11	99	414754	99.97	ng	0.00
23) Nitrobenzene-d5	8.24	82	227347	65.24	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	105881	93.13	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	434498	57.84	ng	-0.01
78) Terphenyl-d14	15.16	244	393336	46.90	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	9.16	128	23400	2.05	ng	98
32) Benzoic acid	8.80	122	100305	46.55	ng	98
48) Acenaphthylene	11.15	152	48120	4.08	ng	97
49) Dimethylphthalate	10.98	163	61999	6.68	ng	99
51) Acenaphthene	11.36	154	88271	12.39	ng	98
54) Dibenzofuran	11.57	168	52350	5.14	ng	94
57) Fluorene	12.00	166	123343	14.98	ng	99
62) Azobenzene	12.22	77	24729	2.92	ng	# 1
70) Phenanthrene	13.20	178	1207905	98.11	ng	99
71) Anthracene	13.26	178	378806	29.77	ng	98
72) Carbazole	13.47	167	111902	8.99	ng	100
74) Fluoranthene	14.69	202	1618936	122.77	ng	97
80) Benzo(a)anthracene	16.46	228	907019	76.46	ng	96
82) Chrysene	16.51	228	593469	57.85	ng	98
83) Bis(2-ethylhexyl)phthalate	16.48	149	35146	3.03	ng	99
87) Benzo(b)fluoranthene	17.75	252	941109	79.56	ng	97
88) Benzo(k)fluoranthene	17.75	252	1078708	101.61	ng	97
89) Benzo(a)pyrene	18.15	252	587832	55.54	ng	# 92
90) Dibenzo(a,h)anthracene	19.81	278	100868	9.13	ng	# 90
91) Benzo(g,h,i)perylene	20.25	276	316454	30.05	ng	97

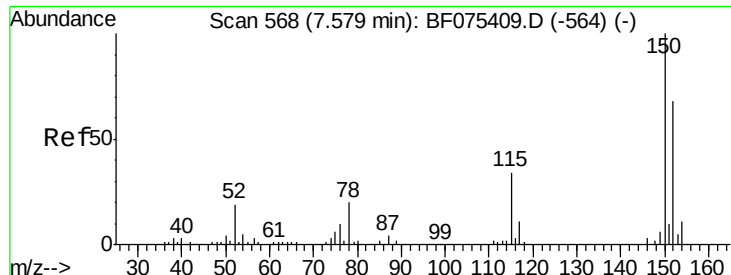
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

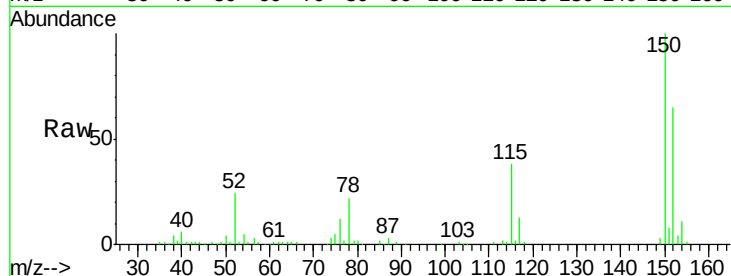
Tgt Ion:152 Resp: 60947

Ion Ratio Lower Upper

152 100

150 154.6 127.2 190.8

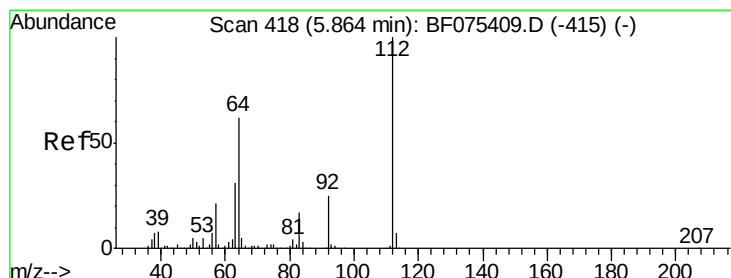
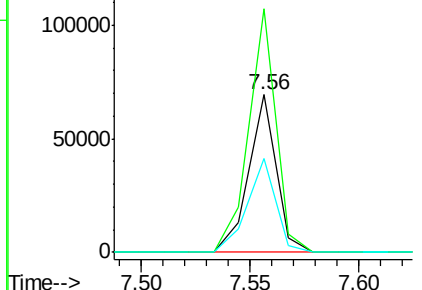
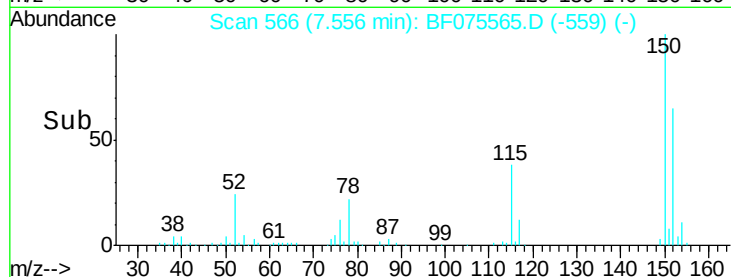
115 59.5 57.1 85.7



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: 96.43 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

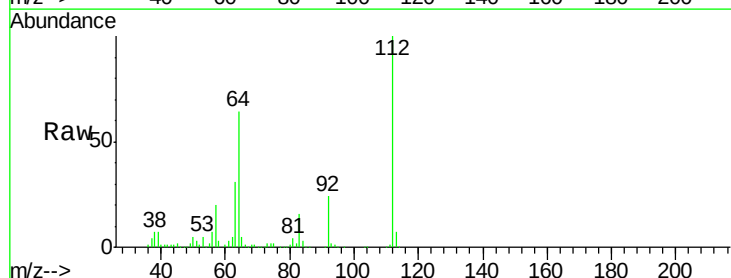
Tgt Ion:112 Resp: 332684

Ion Ratio Lower Upper

112 100

64 64.3 45.8 68.6

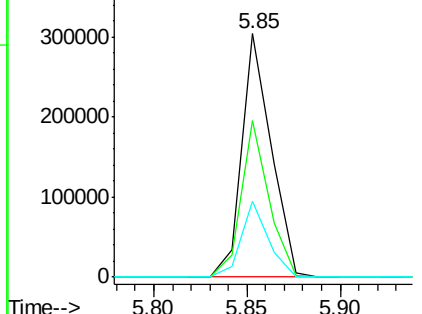
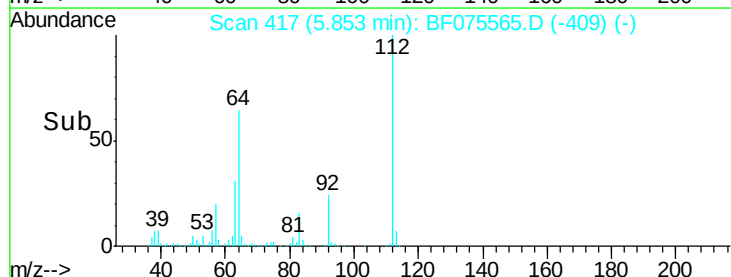
63 31.2 22.7 34.1

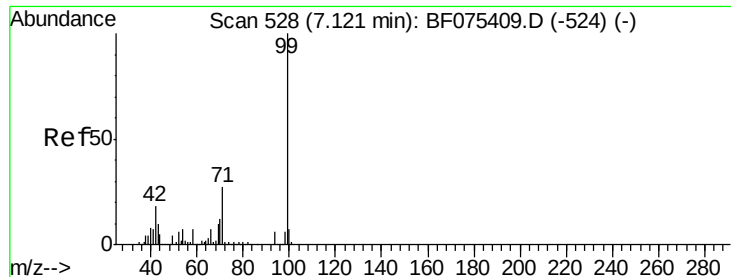


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.97 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

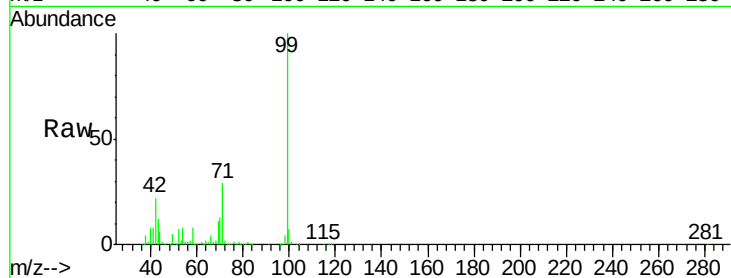
Tgt Ion: 99 Resp: 414754

Ion Ratio Lower Upper

99 100

42 21.6 19.8 29.6

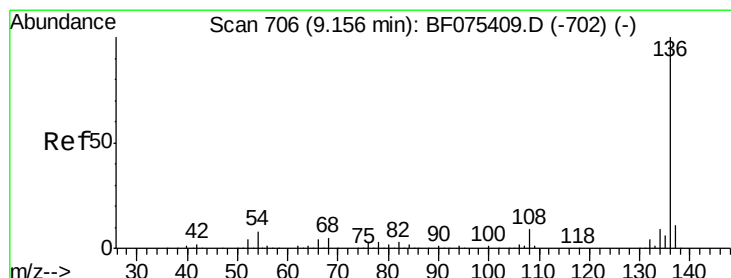
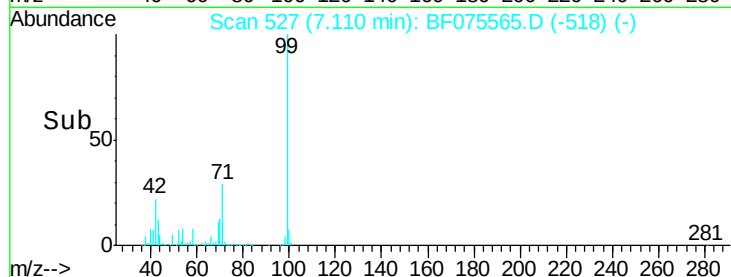
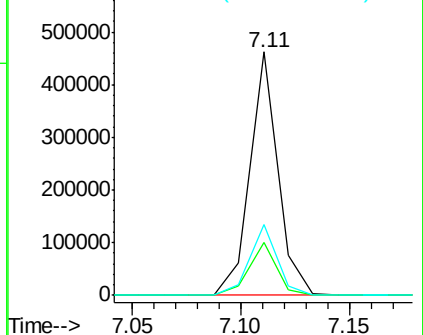
71 29.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Tgt Ion: 136 Resp: 255485

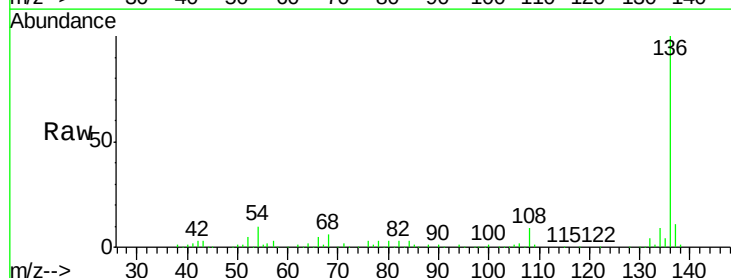
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 10.2 6.2 9.4#

68 5.7 3.4 5.2#

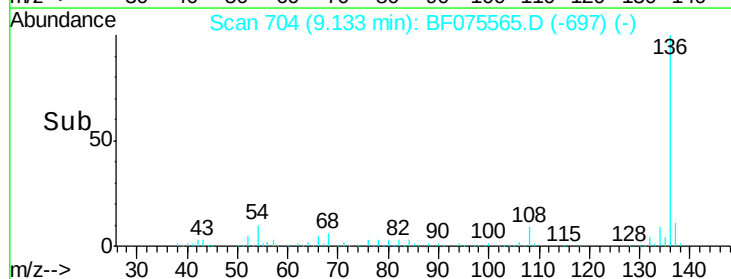
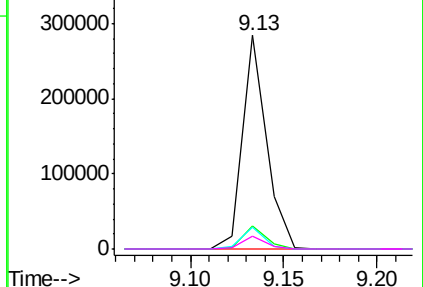


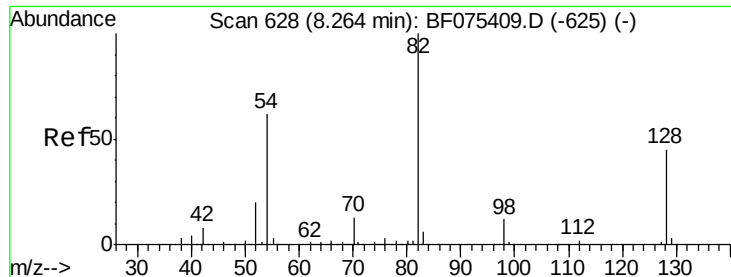
Abundance Ion 136.00 (135.70 to 136.70): E

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

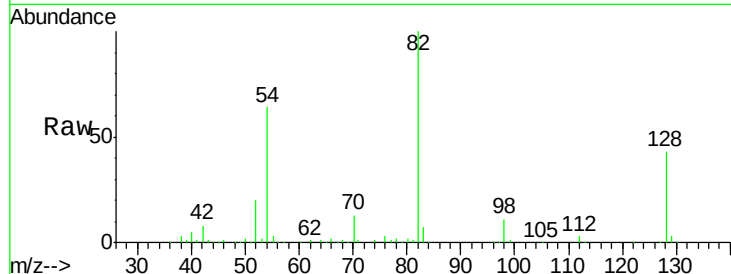




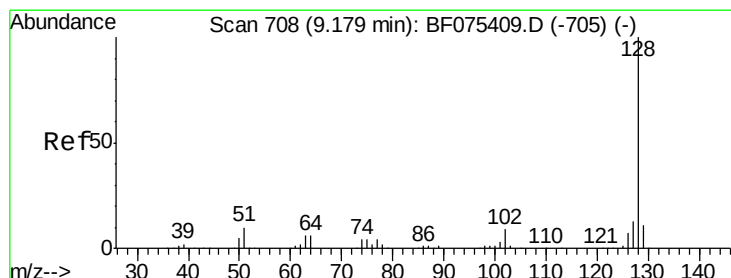
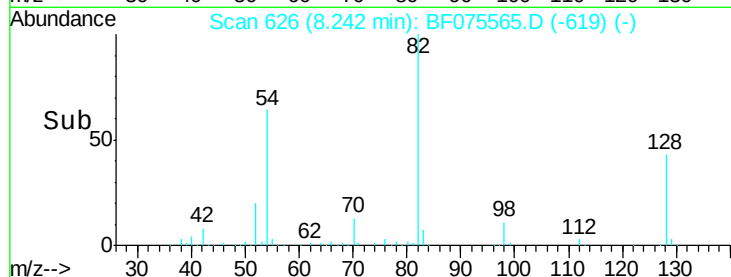
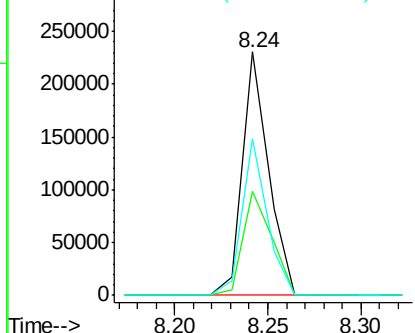
#23
Nitrobenzene-d5
Concen: 65.24 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion: 82 Resp: 227347
Ion Ratio Lower Upper
82 100
128 42.6 37.8 56.6
54 64.4 49.8 74.8

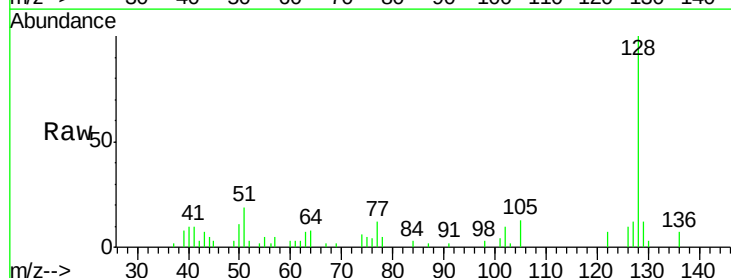


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

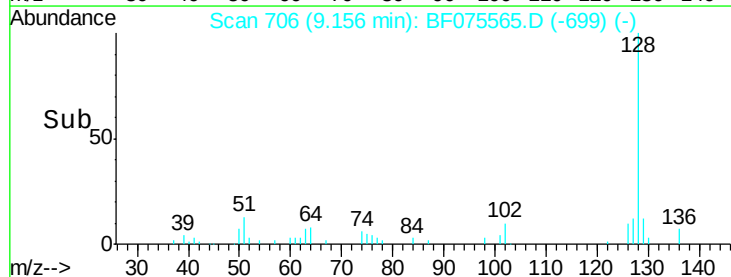
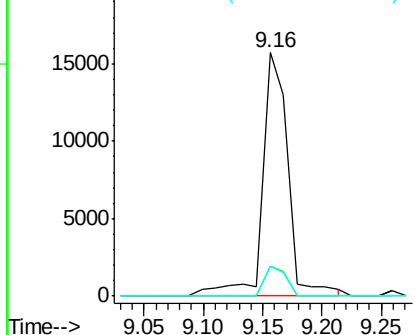


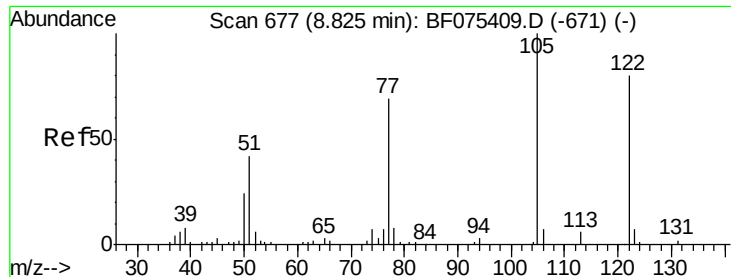
#31
Naphthalene
Concen: 2.05 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion: 128 Resp: 23400
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 12.4 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 46.55 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.02 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

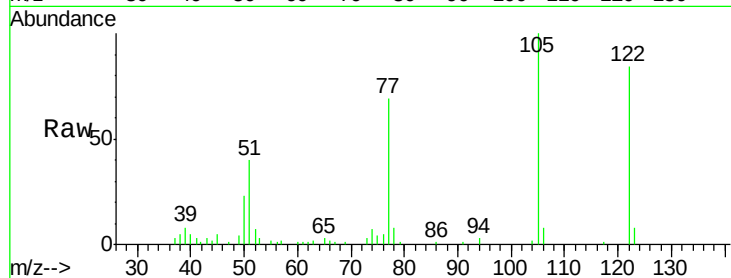
Tgt Ion:122 Resp: 100305

Ion Ratio Lower Upper

122 100

105 118.5 95.1 135.1

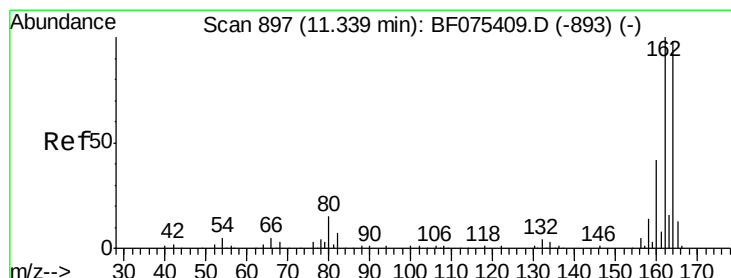
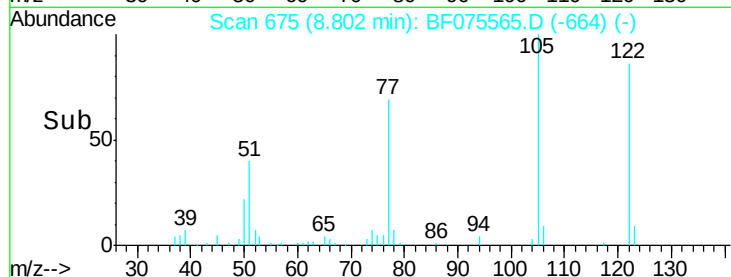
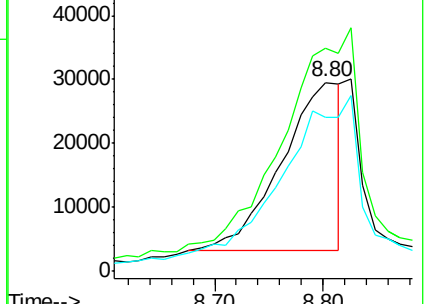
77 81.4 62.6 102.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

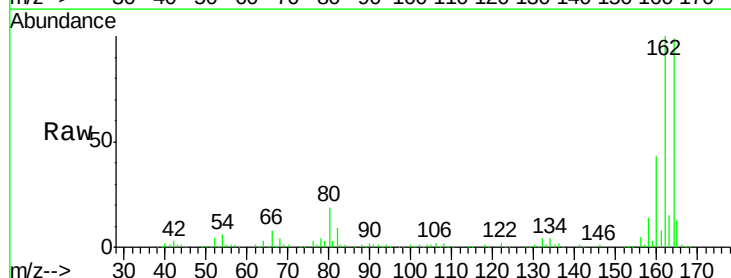
Tgt Ion:164 Resp: 135737

Ion Ratio Lower Upper

164 100

162 101.5 79.1 118.7

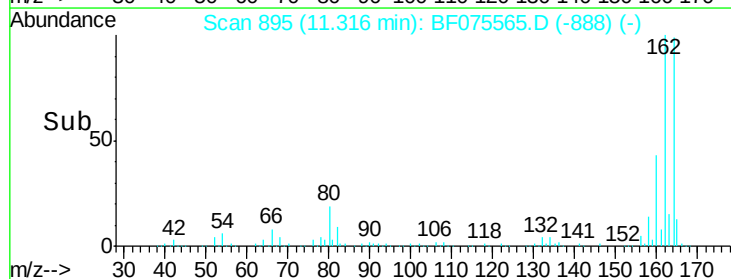
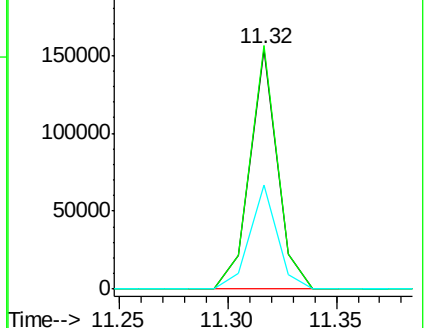
160 43.6 34.6 51.8

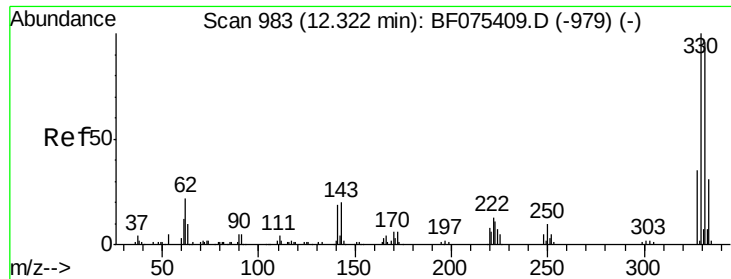


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

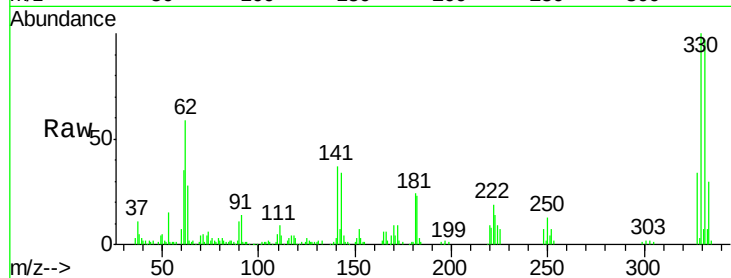




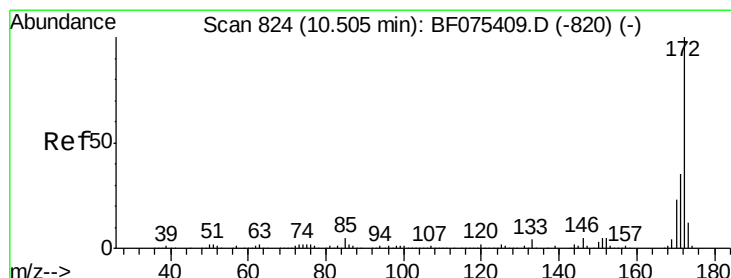
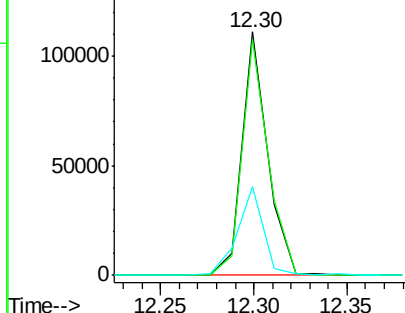
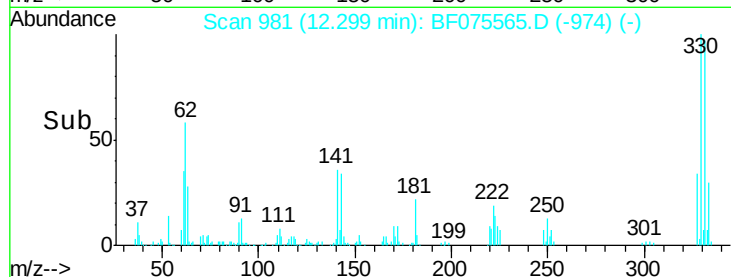
#41
 2,4,6-Tribromophenol
 Concen: 93.13 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075565.D
 Acq: 16 Nov 2014 2:36

Instrument :
 BNA_F
 ClientSampled :
 SB-1(4-5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	74.5	111.7
141	36.4	30.7	46.1

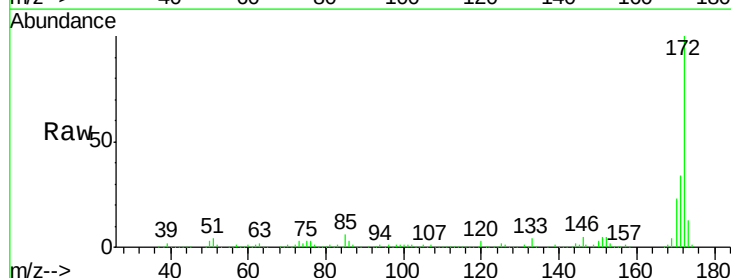


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

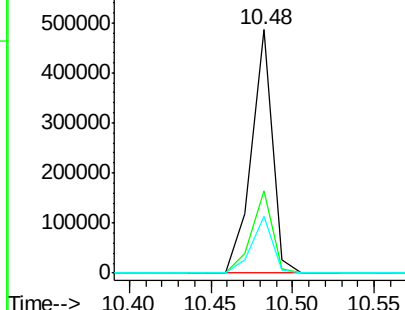
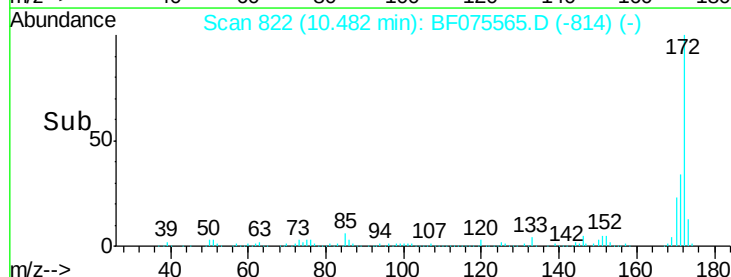


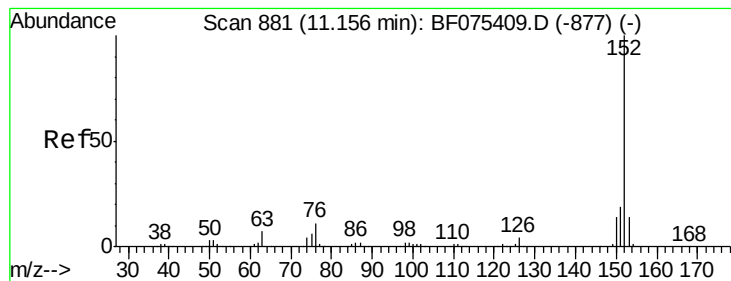
#44
 2-Fluorobiphenyl
 Concen: 57.84 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075565.D
 Acq: 16 Nov 2014 2:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.3	40.9
170	23.1	18.4	27.6



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: 4.08 ng

RT: 11.15 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

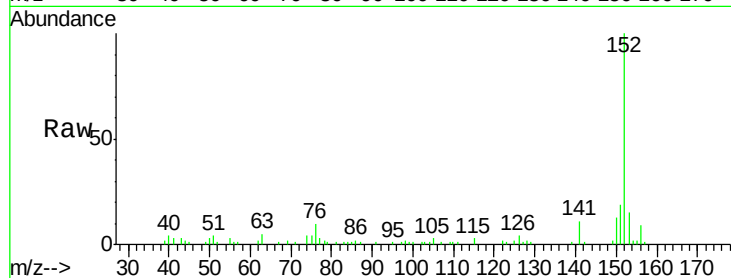
Tgt Ion:152 Resp: 48120

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.2

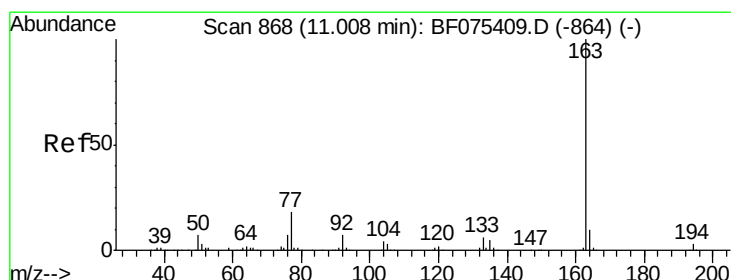
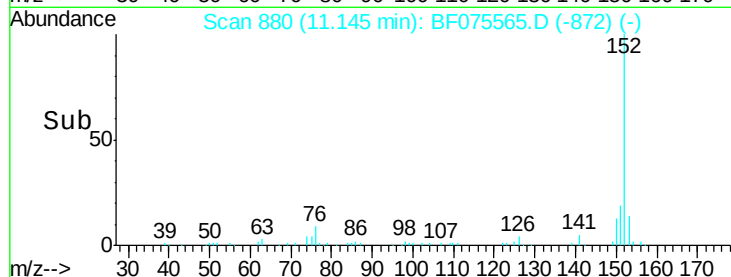
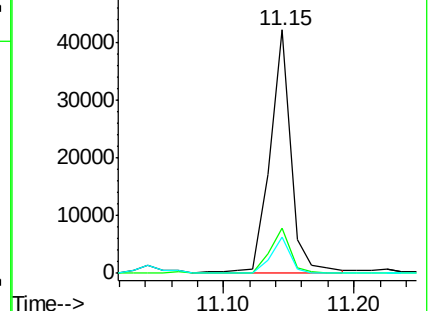
153 14.7 10.0 15.0



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: 6.68 ng

RT: 10.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

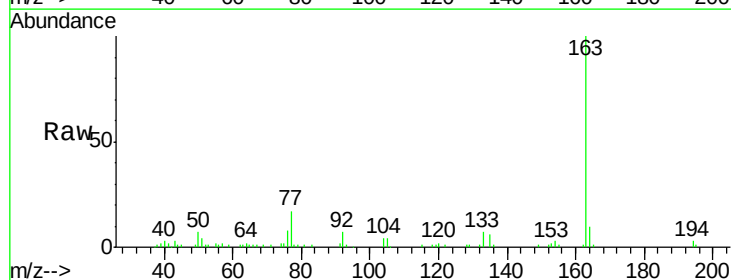
Tgt Ion:163 Resp: 61999

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

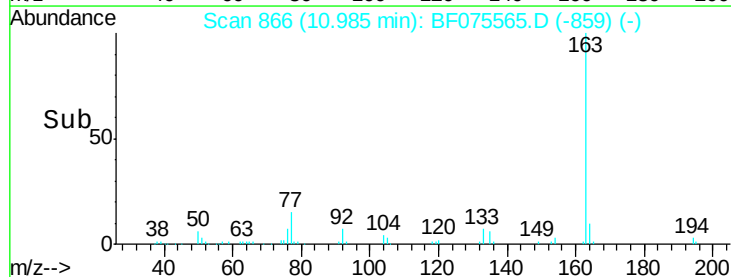
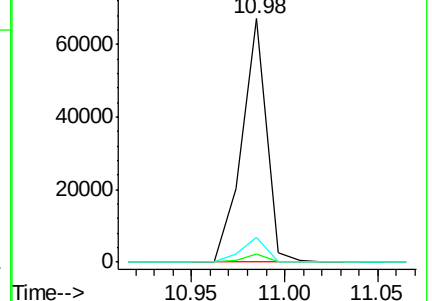
164 10.2 8.0 12.0

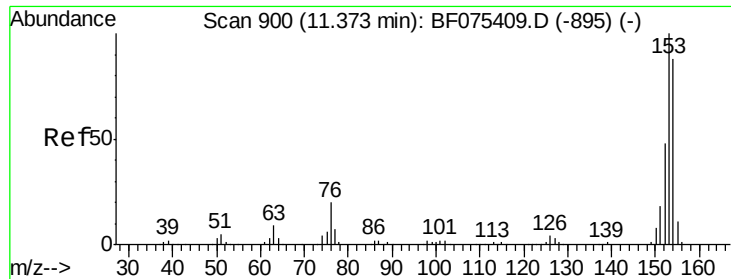


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 12.39 ng

RT: 11.36 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

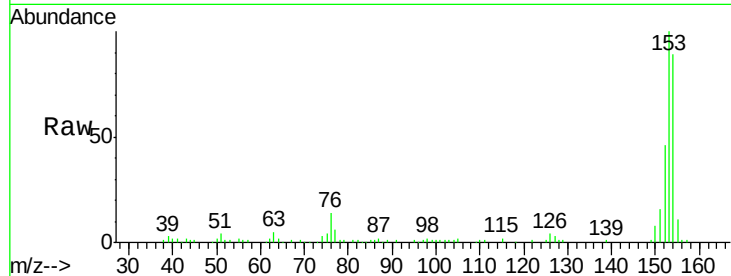
Tgt Ion:154 Resp: 88271

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

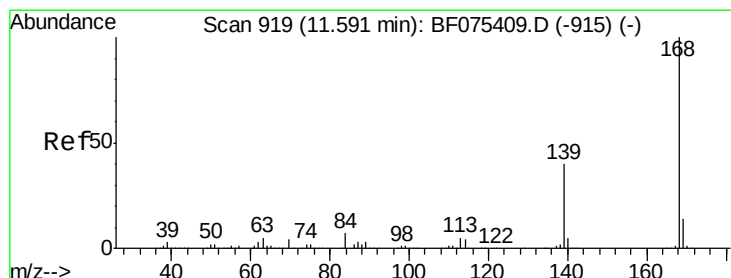
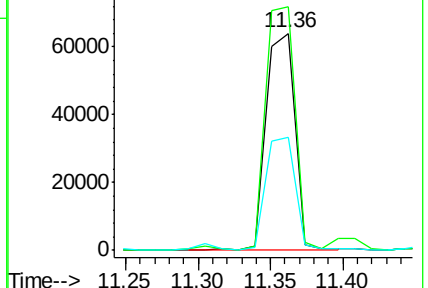
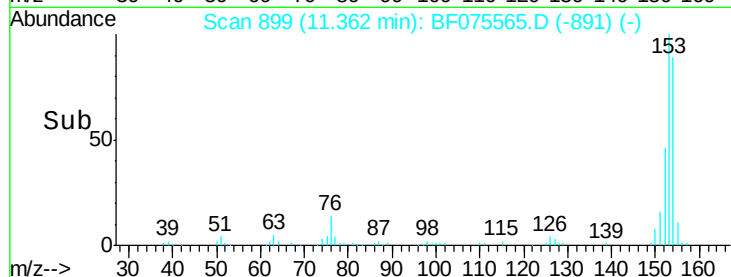
152 52.1 43.4 65.0



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: 5.14 ng

RT: 11.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

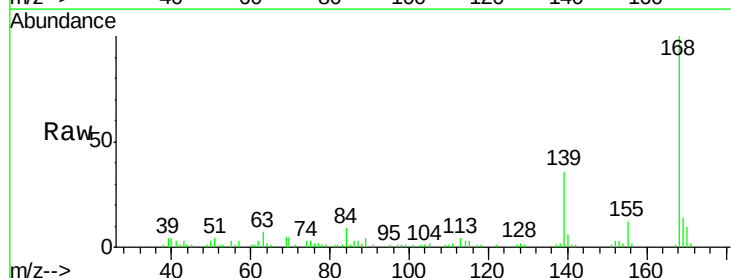
Tgt Ion:168 Resp: 52350

Ion Ratio Lower Upper

168 100

139 36.5 33.0 49.4

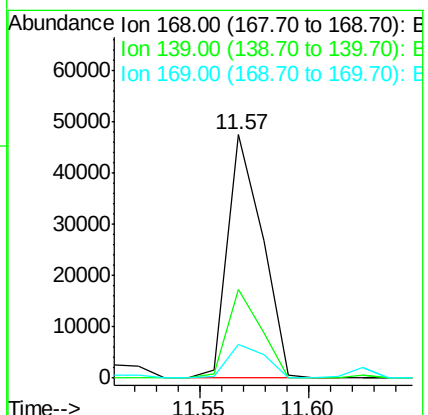
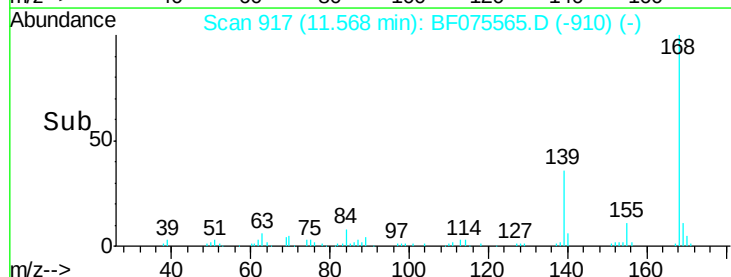
169 14.0 10.8 16.2

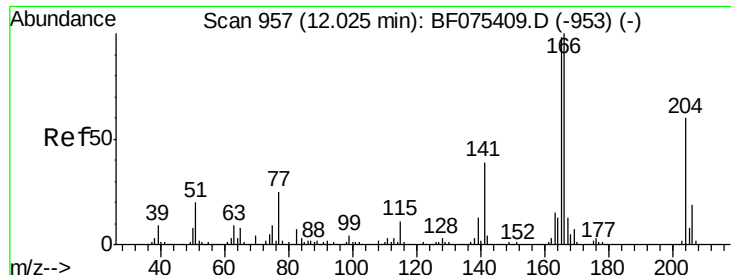


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 14.98 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

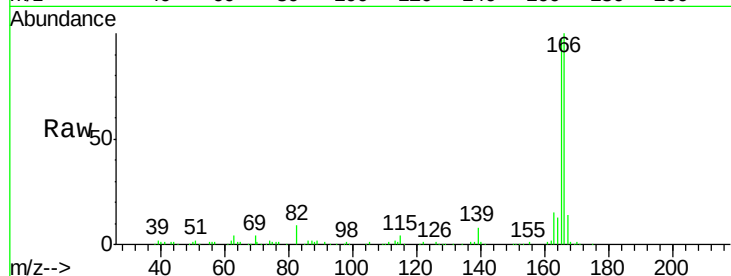
Tgt Ion:166 Resp: 123343

Ion Ratio Lower Upper

166 100

165 97.1 78.8 118.2

167 13.8 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

150000

100000

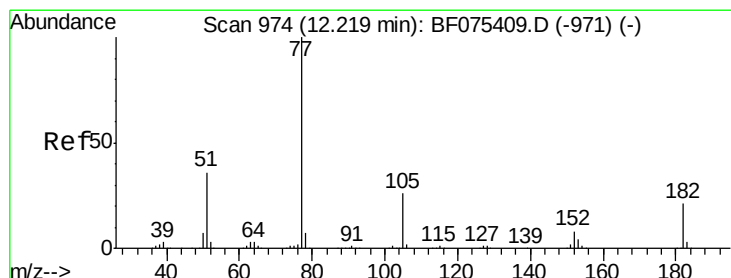
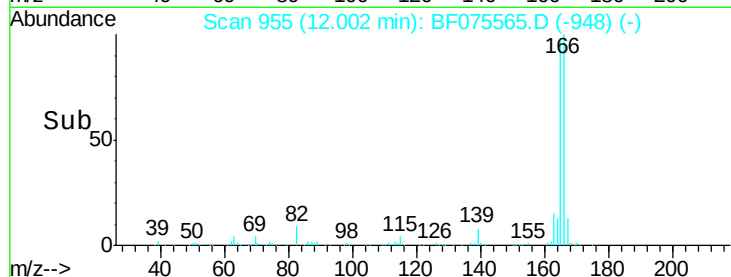
50000

0

11.90

12.00

Time-->



#62

Azobenzene

Concen: 2.92 ng

RT: 12.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Tgt Ion: 77 Resp: 24729

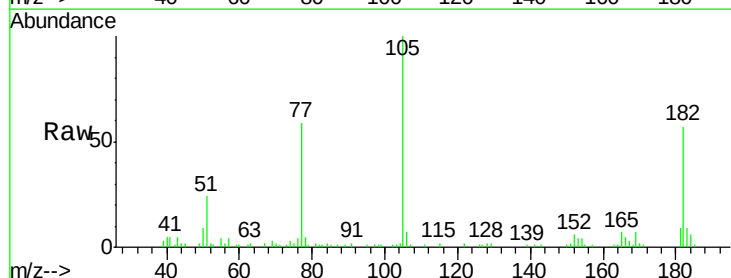
Ion Ratio Lower Upper

77 100

182 97.0 0.0 37.1#

105 169.2 3.7 43.7#

51 40.3 18.7 58.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

50000

40000

30000

20000

10000

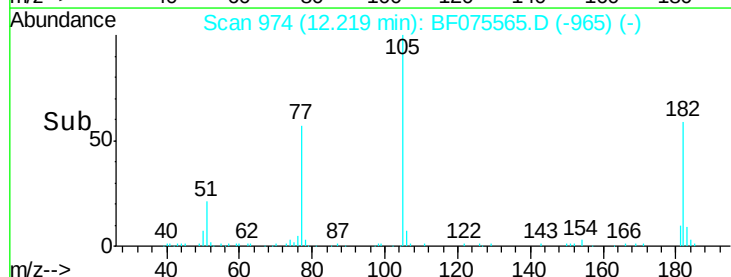
0

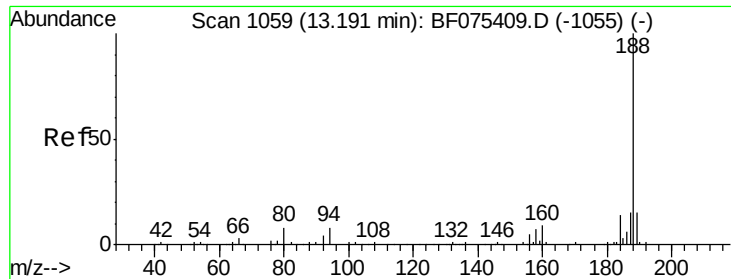
12.15

12.20

12.25

Time-->

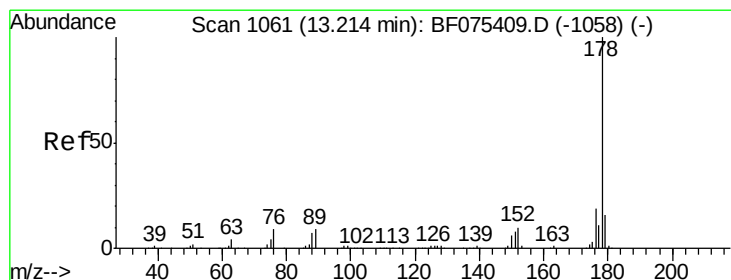
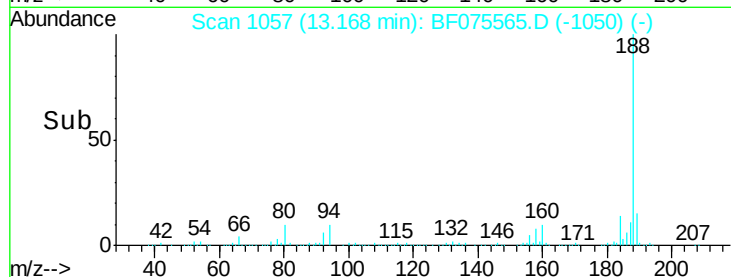
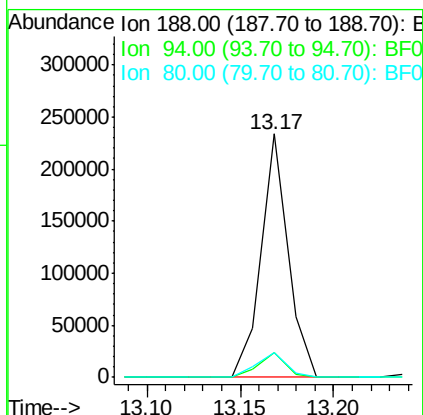
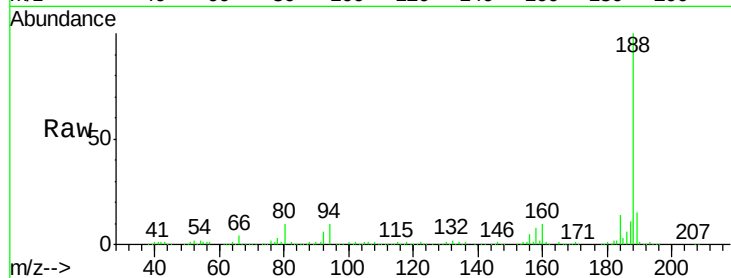




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

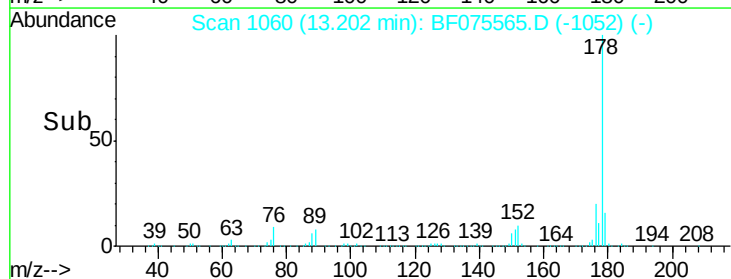
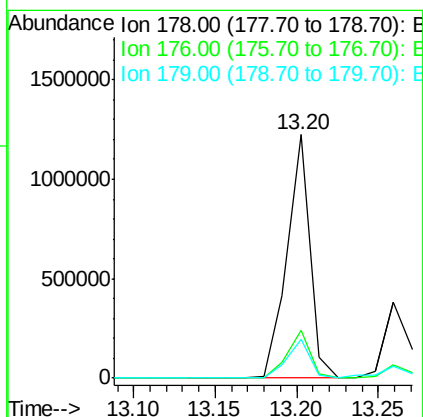
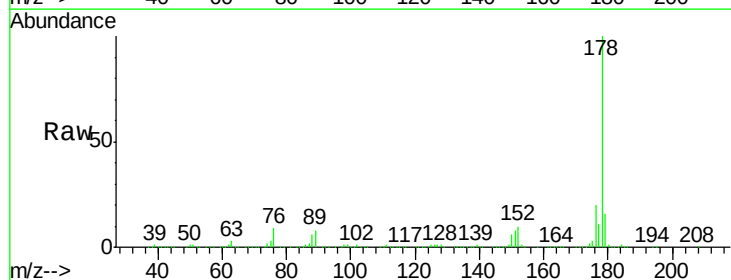
Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

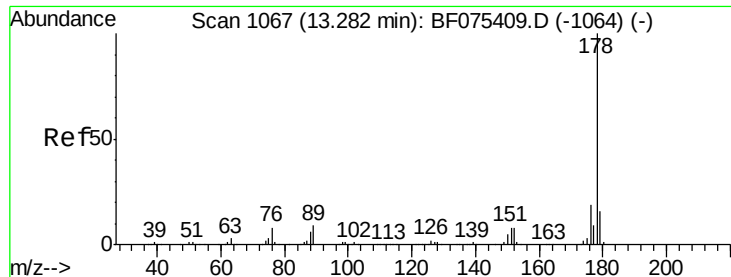
Tgt Ion:188 Resp: 233943
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.3 8.0 12.0



#70
Phenanthrene
Concen: 98.11 ng
RT: 13.20 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:178 Resp: 1207905
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.2 18.4

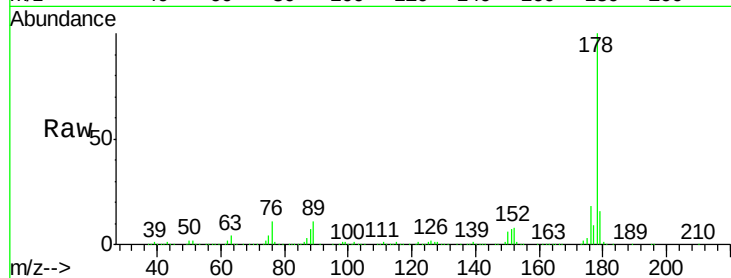




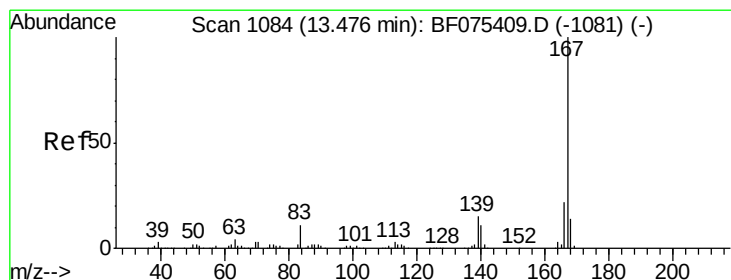
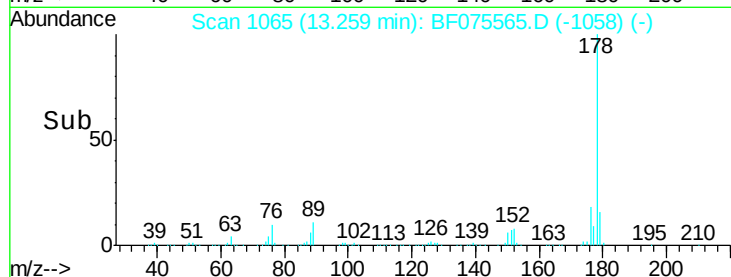
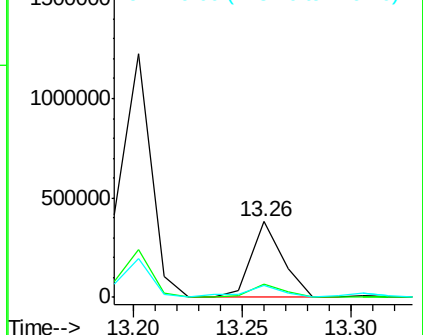
#71
 Anthracene
 Concen: 29.77 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF075565.D
 Acq: 16 Nov 2014 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4-5)

Tgt Ion:178 Resp: 378806
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.1 22.7
 179 16.1 12.2 18.2

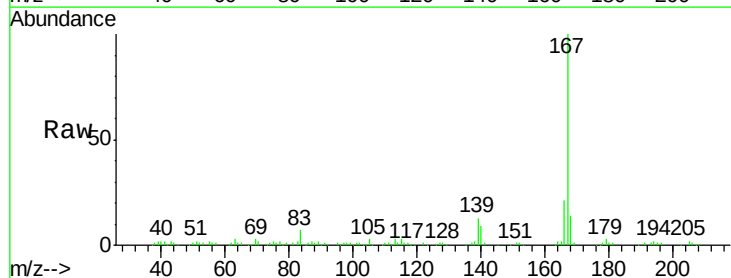


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

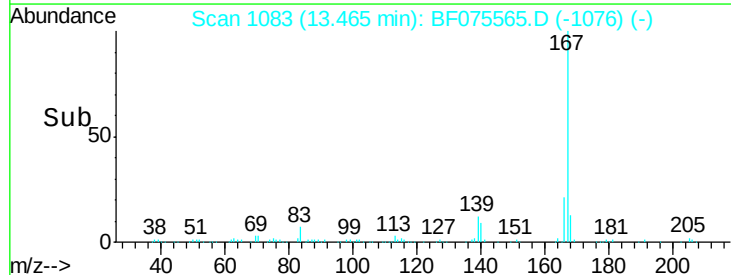
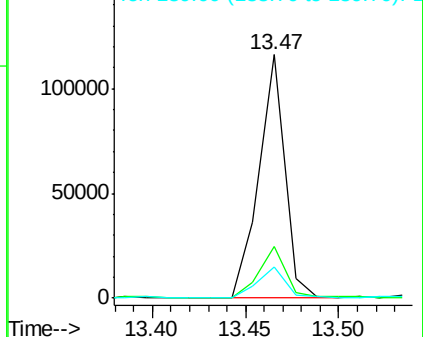


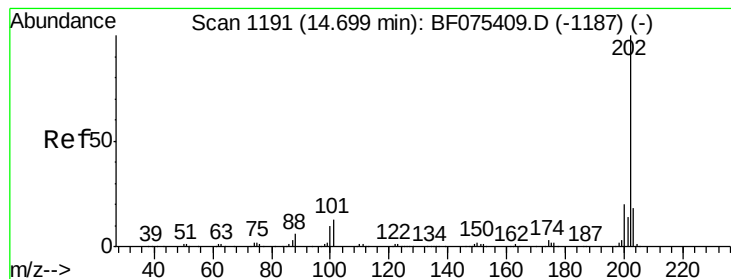
#72
 Carbazole
 Concen: 8.99 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF075565.D
 Acq: 16 Nov 2014 2:36

Tgt Ion:167 Resp: 111902
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.7 10.1 15.1



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: 122.77 ng

RT: 14.69 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

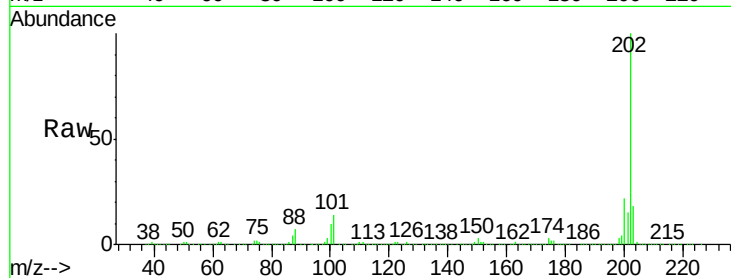
Tgt Ion:202 Resp: 1618936

Ion Ratio Lower Upper

202 100

101 14.1 0.0 36.6

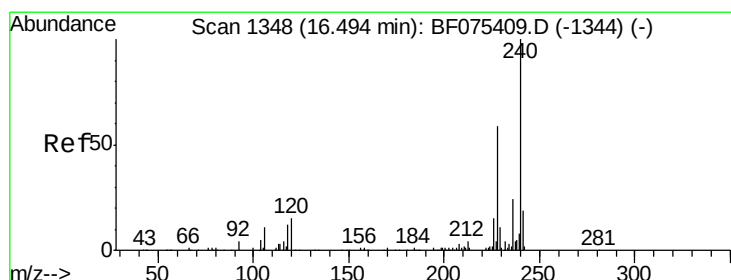
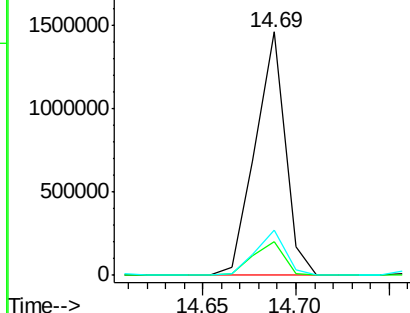
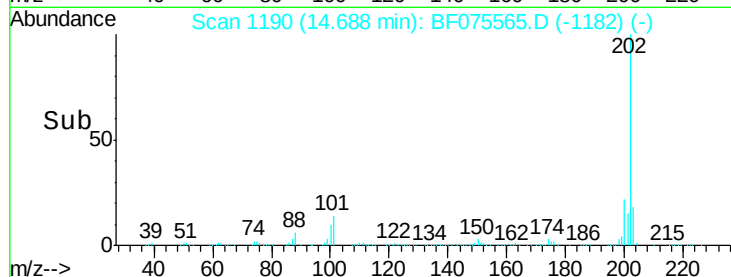
203 18.4 0.0 38.2



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: 16.47 min Scan# 1346

Delta R.T. -0.07 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

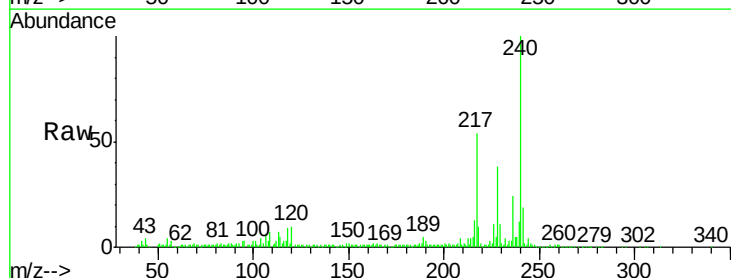
Tgt Ion:240 Resp: 225796

Ion Ratio Lower Upper

240 100

120 10.1 9.6 14.4

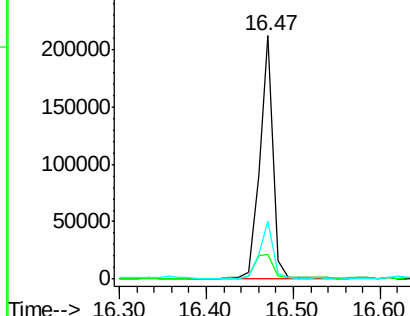
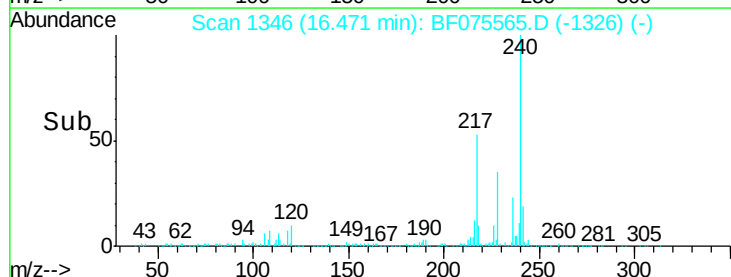
236 23.8 18.9 28.3

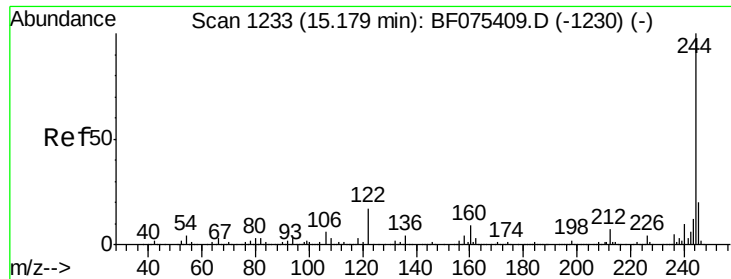


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

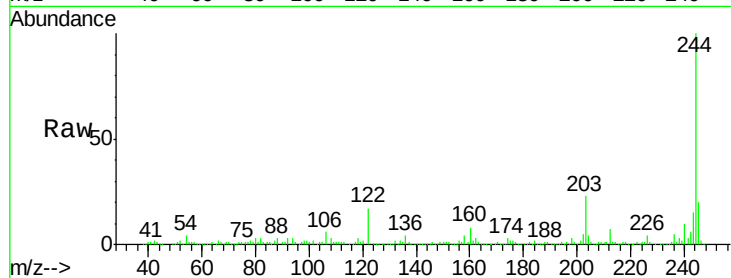




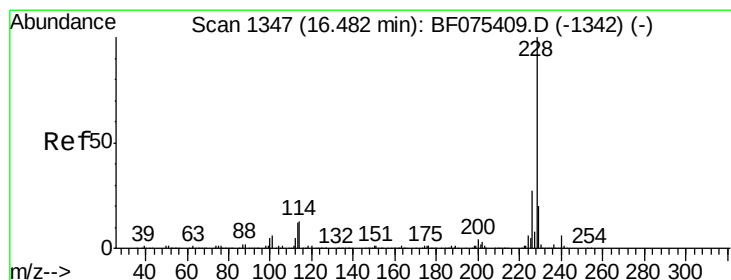
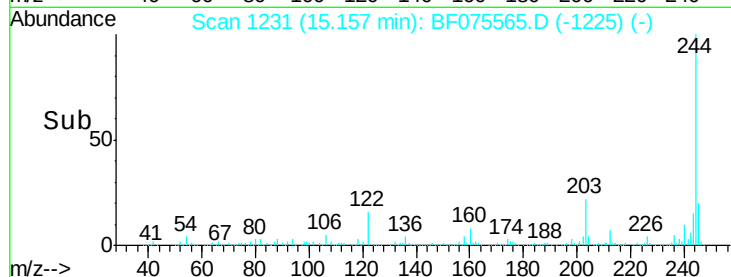
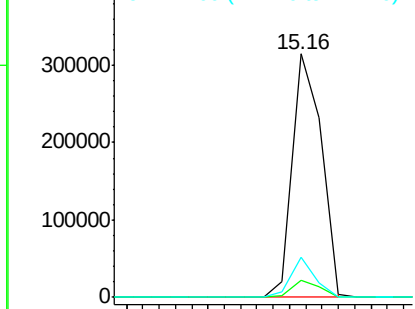
#78
 Terphenyl-d14
 Concen: 46.90 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075565.D
 Acq: 16 Nov 2014 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4-5)

Tgt Ion:244 Resp: 393336
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 16.7 9.7 14.5#

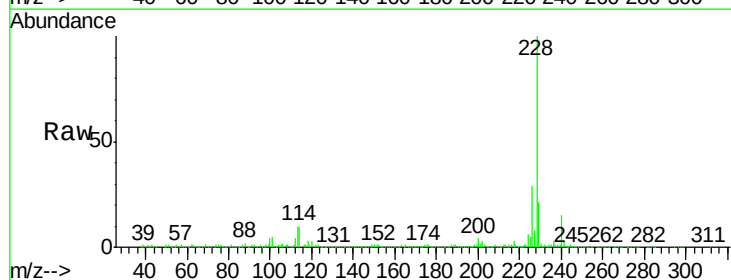


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

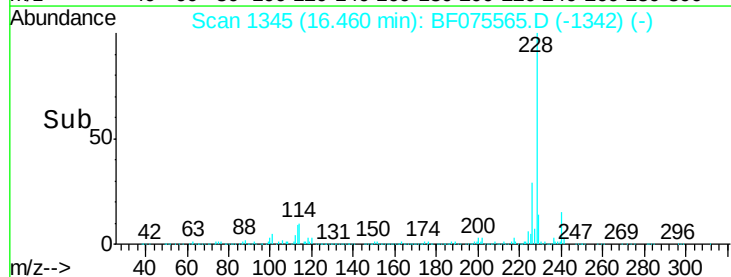
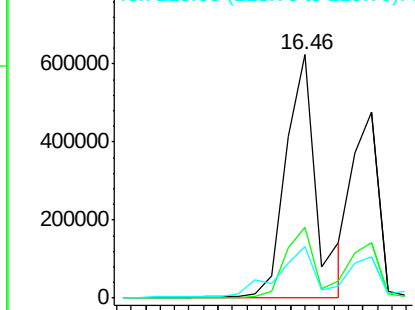


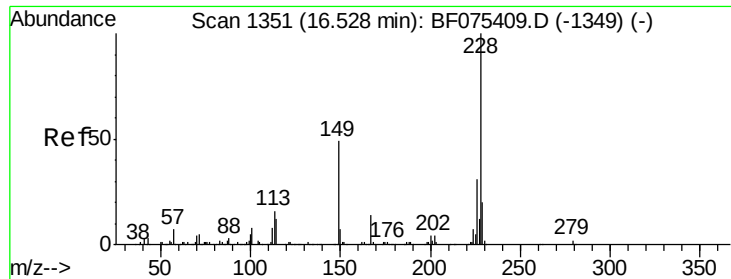
#80
 Benzo(a)anthracene
 Concen: 76.46 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. -0.07 min
 Lab File: BF075565.D
 Acq: 16 Nov 2014 2:36

Tgt Ion:228 Resp: 907019
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.8 32.8
 229 21.0 15.3 22.9



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: 57.85 ng

RT: 16.51 min Scan# 1349

Delta R.T. -0.07 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

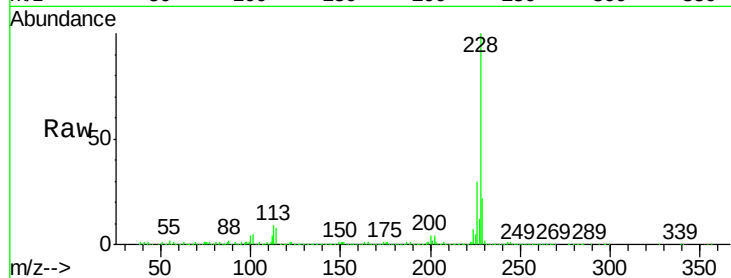
Tgt Ion:228 Resp: 593469

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

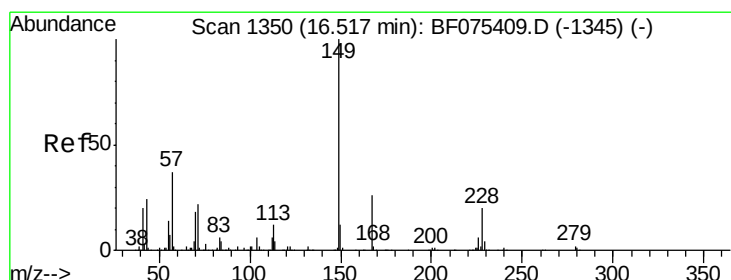
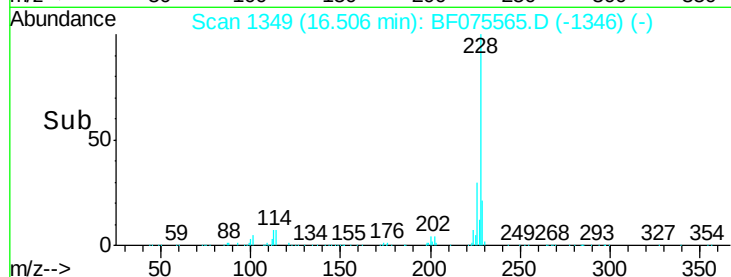
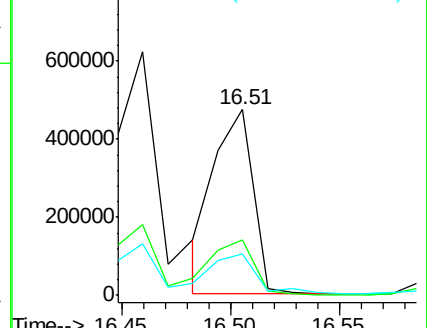
229 22.5 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.03 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.09 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

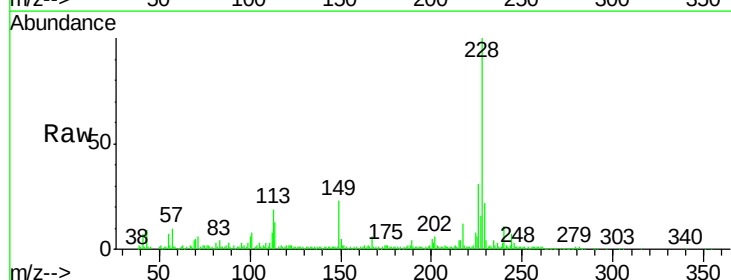
Tgt Ion:149 Resp: 35146

Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

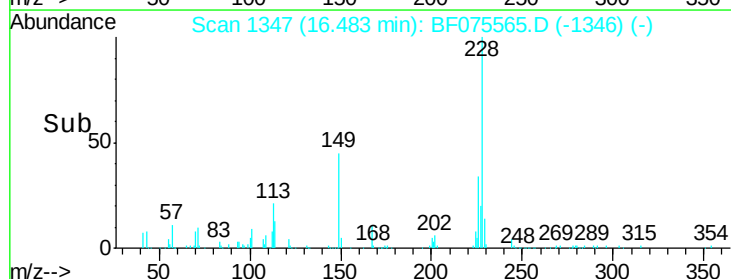
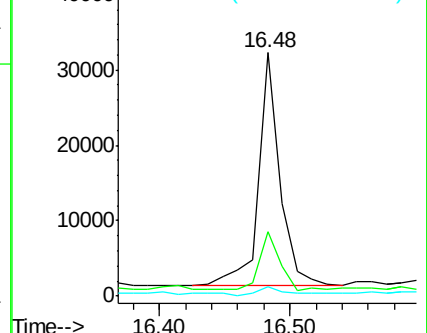
279 4.0 2.8 4.2

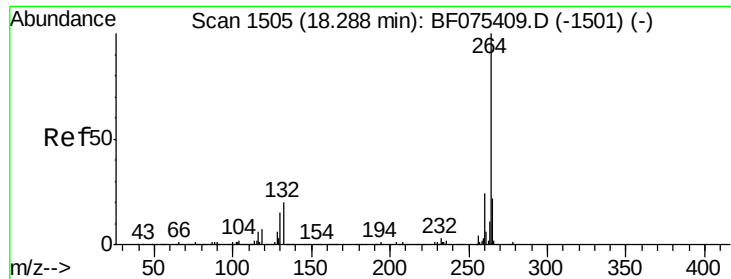


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

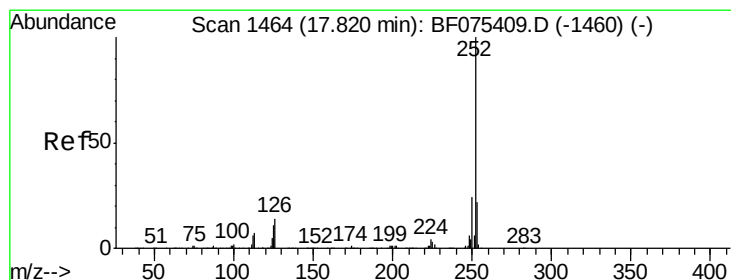
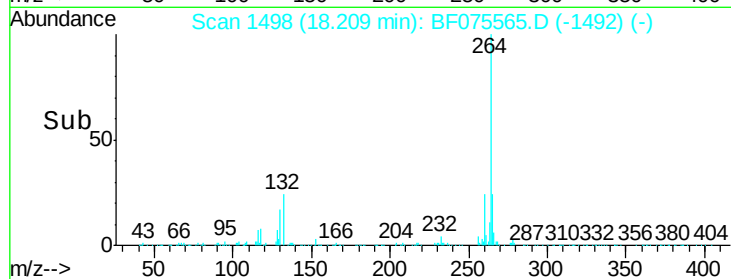
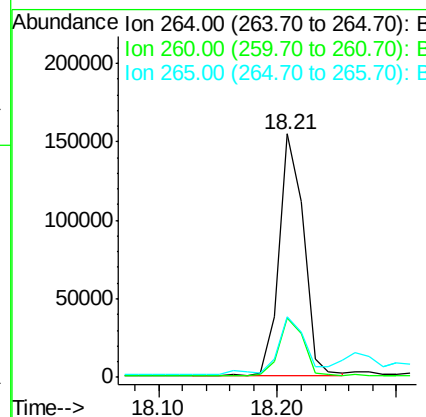
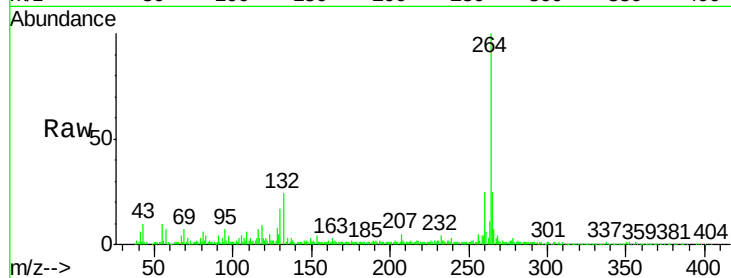




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.23 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

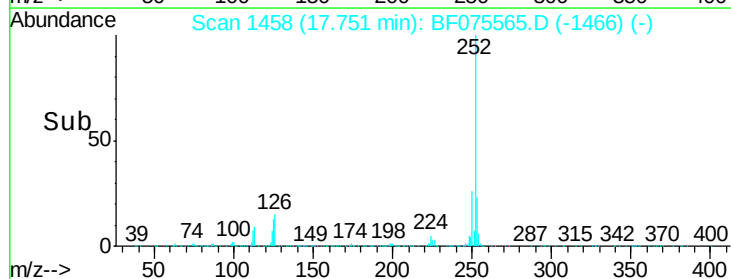
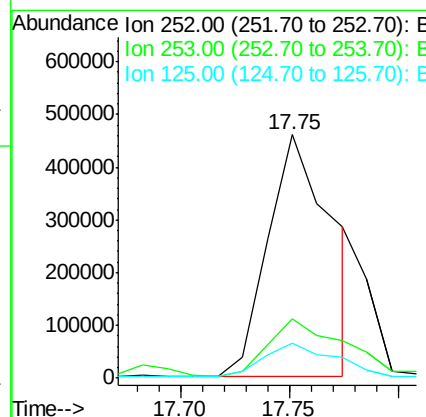
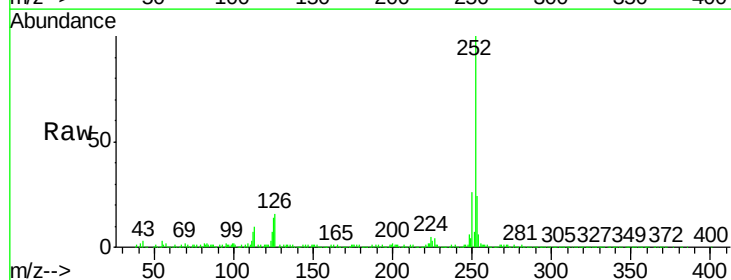
Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

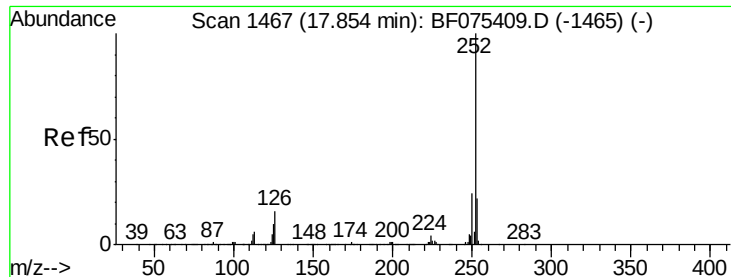
Tgt Ion: 264 Resp: 221253
Ion Ratio Lower Upper
264 100
260 24.5 17.9 26.9
265 25.1 16.3 24.5#



#87
Benzo(b)fluoranthene
Concen: 79.56 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.19 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion: 252 Resp: 941109
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 14.2 11.8 17.6





#88

Benzo(k)fluoranthene

Concen: 101.61 ng

RT: 17.75 min Scan# 1458

Delta R.T. -0.23 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

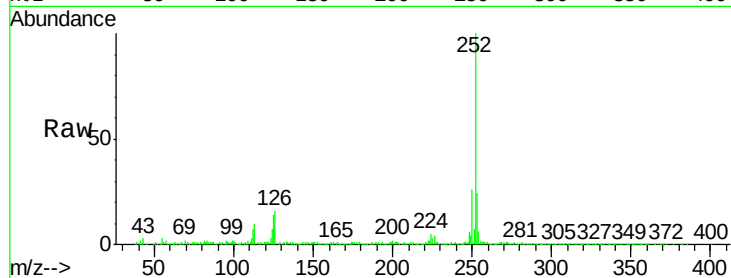
Tgt Ion:252 Resp: 1078708

Ion Ratio Lower Upper

252 100

253 24.4 18.1 27.1

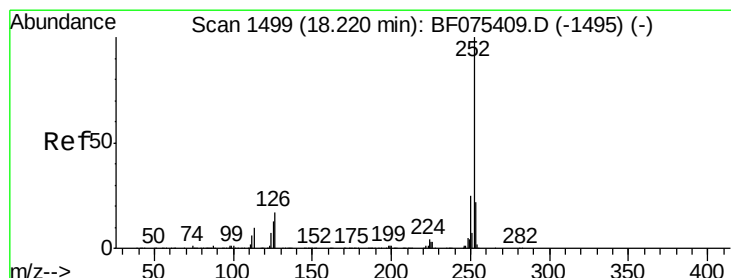
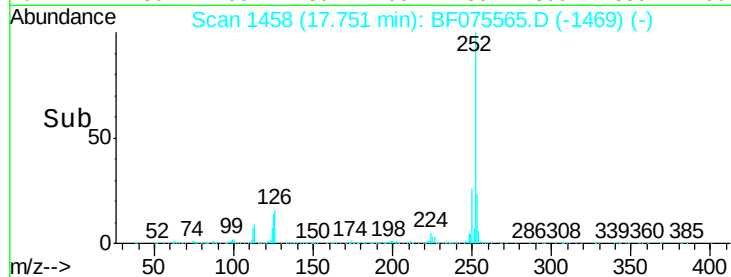
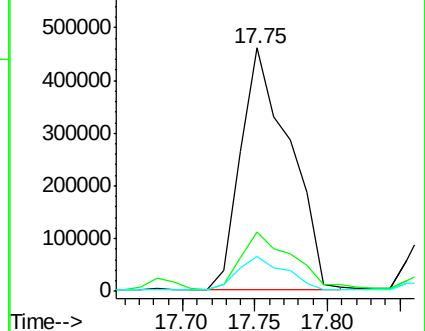
125 14.2 11.6 17.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 55.54 ng

RT: 18.15 min Scan# 1493

Delta R.T. -0.22 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

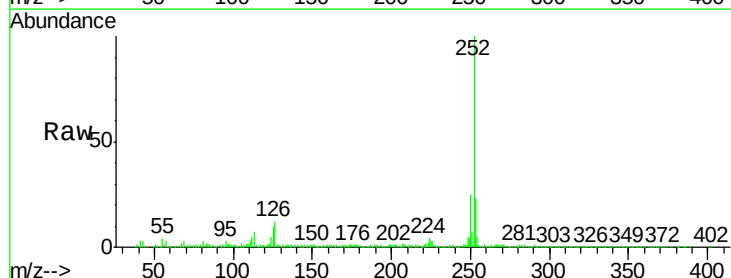
Tgt Ion:252 Resp: 587832

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

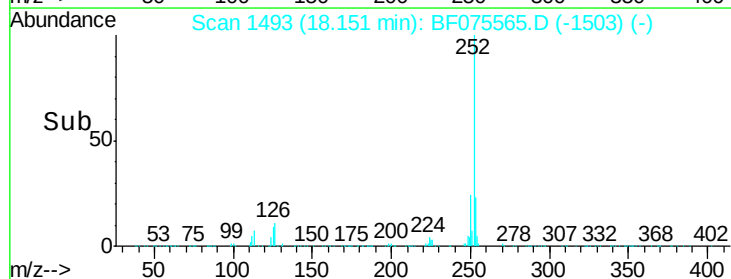
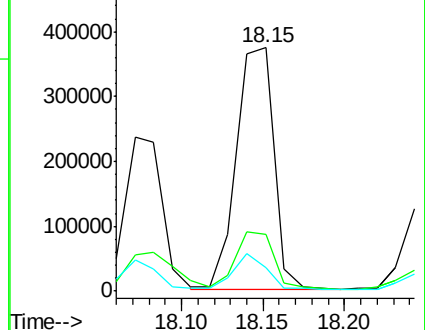
125 9.7 12.2 18.4#

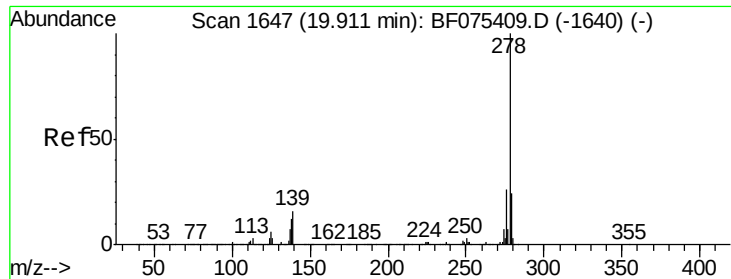


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 9.13 ng

RT: 19.81 min Scan# 1638

Delta R.T. -0.26 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

Instrument :

BNA_F

ClientSampleId :

SB-1(4-5)

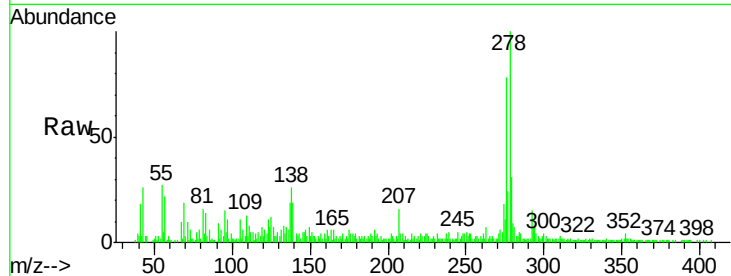
Tgt Ion:278 Resp: 100868

Ion Ratio Lower Upper

278 100

139 19.2 13.6 20.4

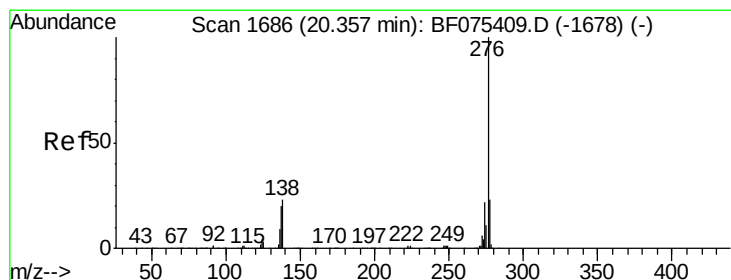
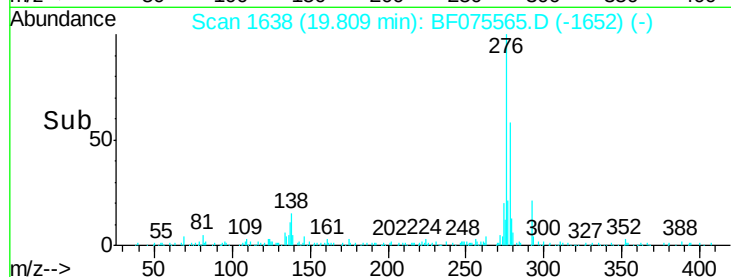
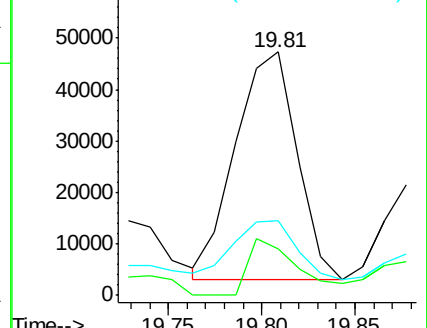
279 30.7 19.4 29.0#



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: 30.05 ng

RT: 20.25 min Scan# 1677

Delta R.T. -0.25 min

Lab File: BF075565.D

Acq: 16 Nov 2014 2:36

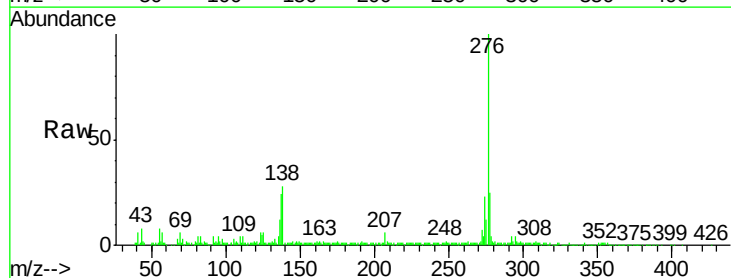
Tgt Ion:276 Resp: 316454

Ion Ratio Lower Upper

276 100

277 24.9 17.8 26.8

138 28.2 22.8 34.2



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

