

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075557.D
 Acq On : 15 Nov 2014 22:52
 Operator : TP / JJ
 Sample : F4695-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(5-7)

Quant Time: Nov 16 06:13:44 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

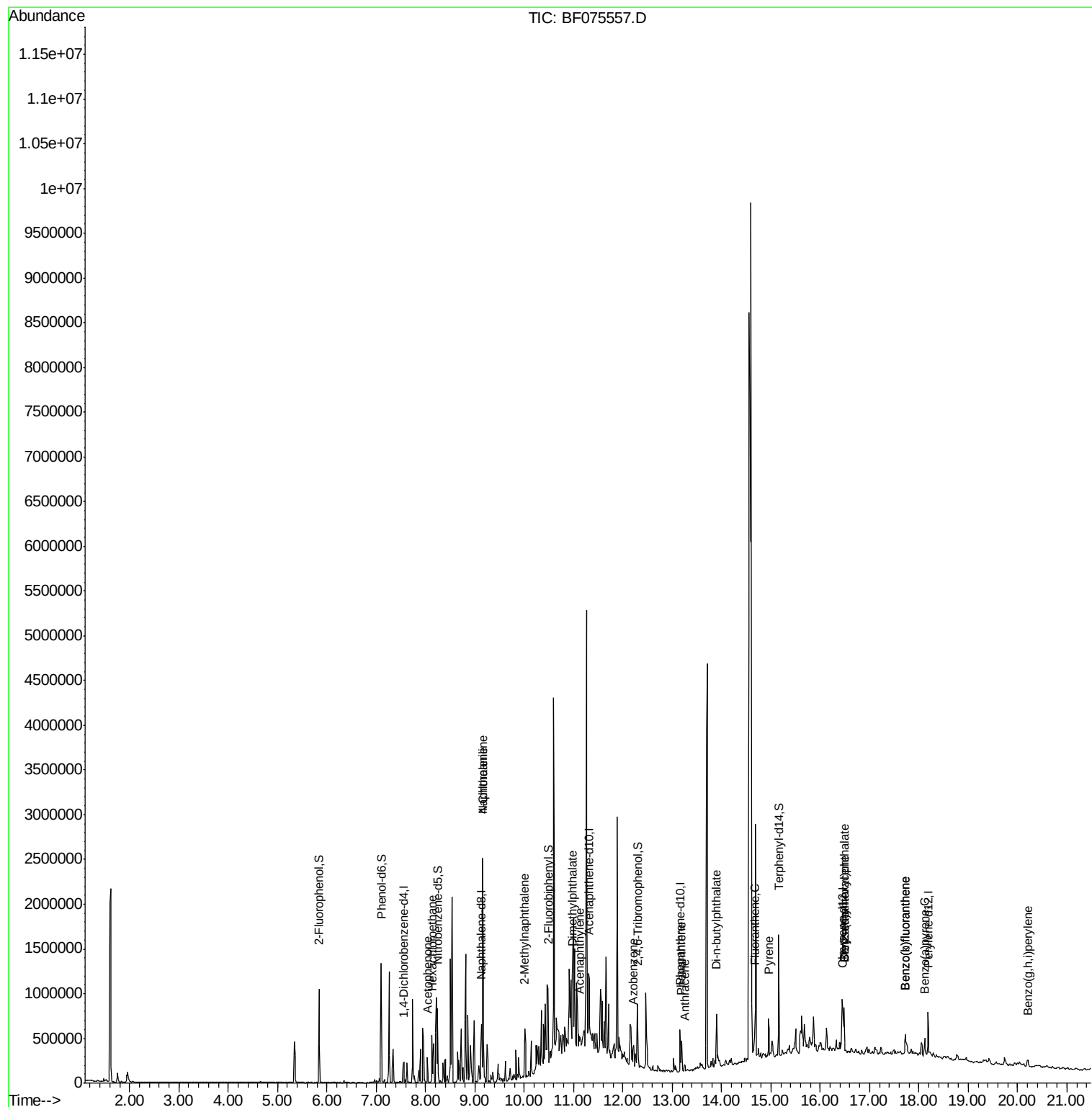
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	51686	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	225043	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	118773	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	206293	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	217814	20.00	ng	-0.08
86) Perylene-d12	18.19	264	233358	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	324269	110.83	ng	-0.02
7) Phenol-d6	7.10	99	419475	119.23	ng	-0.01
23) Nitrobenzene-d5	8.24	82	239414	78.00	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	102300	102.83	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	423061	64.36	ng	-0.01
78) Terphenyl-d14	15.16	244	444794	54.98	ng	-0.03
Target Compounds						Qvalue
18) Hexachloroethane	8.13	117	28804	22.38	ng	# 1
22) Acetophenone	8.04	105	116699	24.04	ng	# 57
31) Naphthalene	9.16	128	815475	81.28	ng	98
33) 4-Chloroaniline	9.16	127	105285	24.15	ng	# 43
37) 2-Methylnaphthalene	10.01	142	205037	29.95	ng	96
48) Acenaphthylene	11.13	152	37679	3.65	ng	# 91
49) Dimethylphthalate	10.97	163	63123	7.77	ng	# 93
62) Azobenzene	12.21	77	32692	4.41	ng	# 1
70) Phenanthrene	13.19	178	143570	13.22	ng	98
71) Anthracene	13.25	178	42092	3.75	ng	96
73) Di-n-butylphthalate	13.90	149	301716	19.89	ng	99
74) Fluoranthene	14.68	202	167951	14.44	ng	93
77) Pyrene	14.95	202	225985	17.85	ng	98
80) Benzo(a)anthracene	16.48	228	110216	9.63	ng	96
82) Chrysene	16.48	228	115258	11.65	ng	97
83) Bis(2-ethylhexyl)phthalate	16.48	149	102432	9.14	ng	99
87) Benzo(b)fluoranthene	17.73	252	149463	11.98	ng	99
88) Benzo(k)fluoranthene	17.73	252	171715	15.34	ng	98
89) Benzo(a)pyrene	18.12	252	90379	8.10	ng	95
91) Benzo(g,h,i)perylene	20.21	276	60451	5.44	ng	98

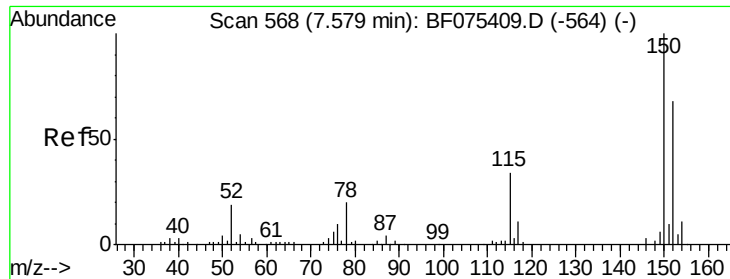
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075557.D
Acq On : 15 Nov 2014 22:52
Operator : TP / JJ
Sample : F4695-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

Quant Time: Nov 16 06:13:44 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



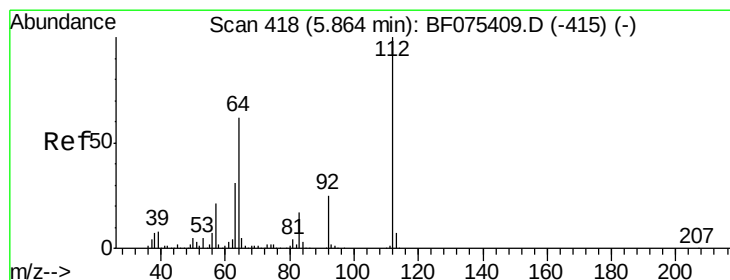
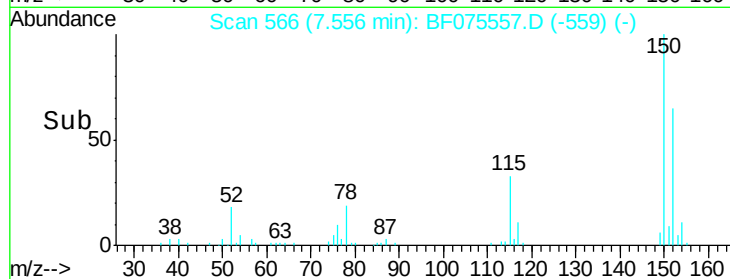
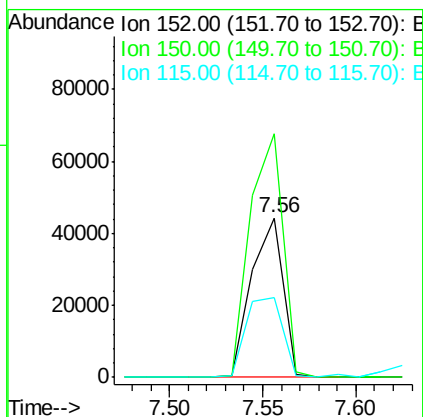
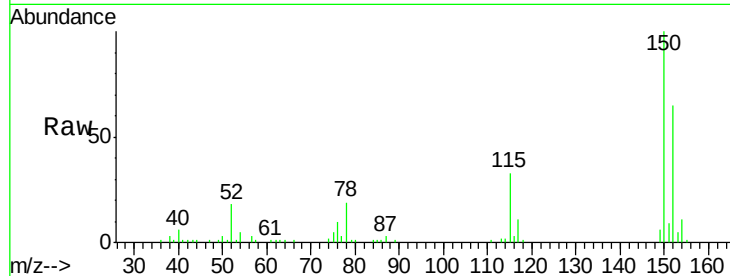


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

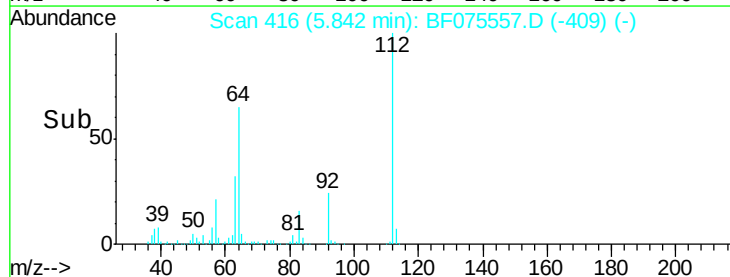
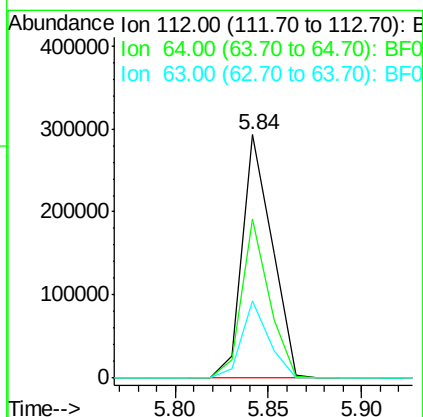
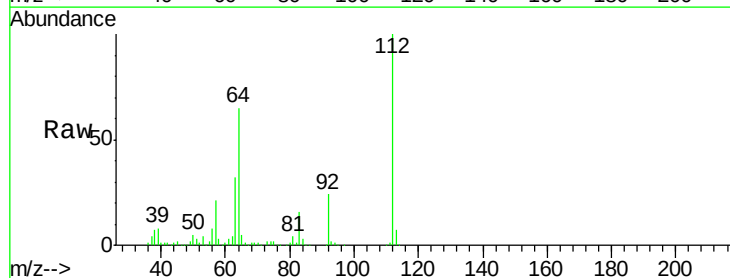
Tgt Ion:152 Resp: 51686
Ion Ratio Lower Upper
152 100
150 152.8 127.2 190.8
115 49.7 57.1 85.7#

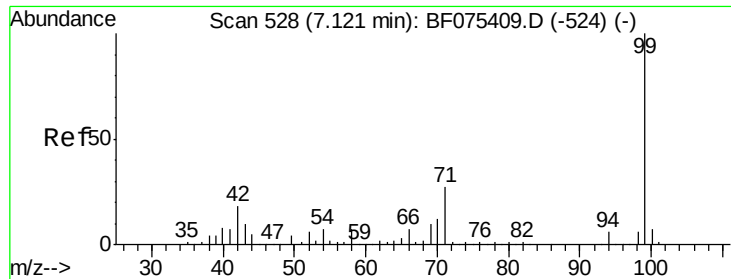


#5

2-Fluorophenol
Concen: 110.83 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Tgt Ion:112 Resp: 324269
Ion Ratio Lower Upper
112 100
64 65.3 45.8 68.6
63 31.7 22.7 34.1





#7

Phenol-d6

Concen: 119.23 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Instrument :

BNA_F

ClientSampleId :

SB-75(5-7)

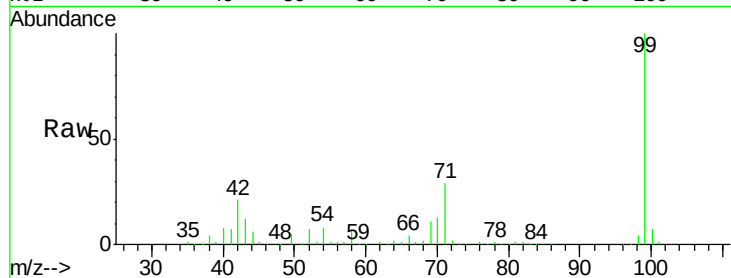
Tgt Ion: 99 Resp: 419475

Ion Ratio Lower Upper

99 100

42 20.8 19.8 29.6

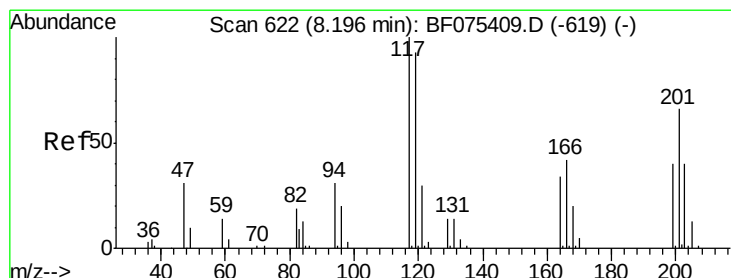
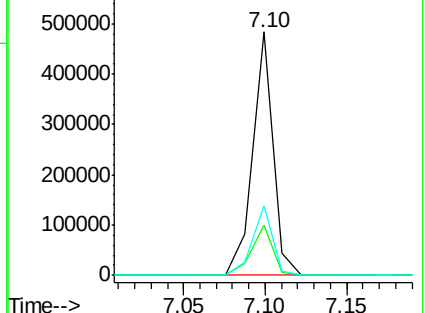
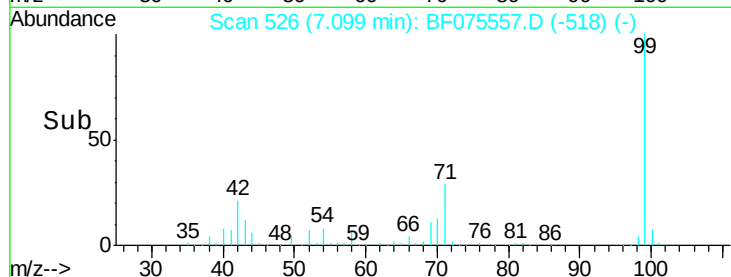
71 28.5 25.5 38.3



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



#18

Hexachloroethane

Concen: 22.38 ng

RT: 8.13 min Scan# 616

Delta R.T. -0.07 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

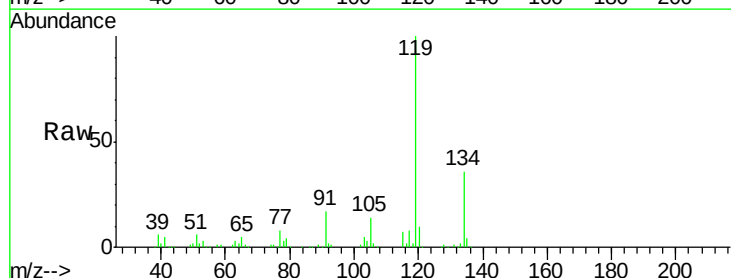
Tgt Ion: 117 Resp: 28804

Ion Ratio Lower Upper

117 100

119 1217.9 72.9 109.3#

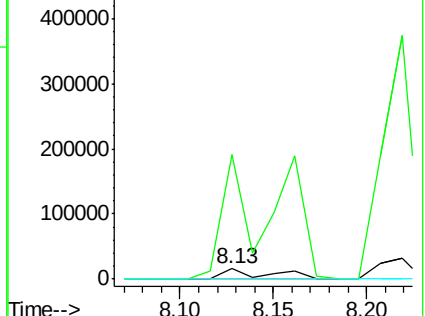
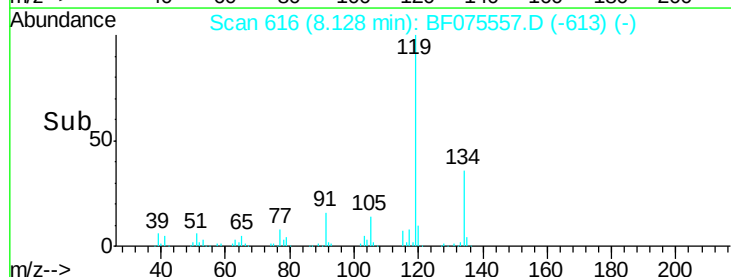
201 0.0 48.2 72.4#

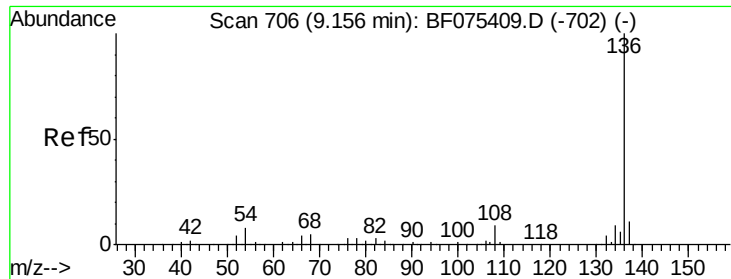


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

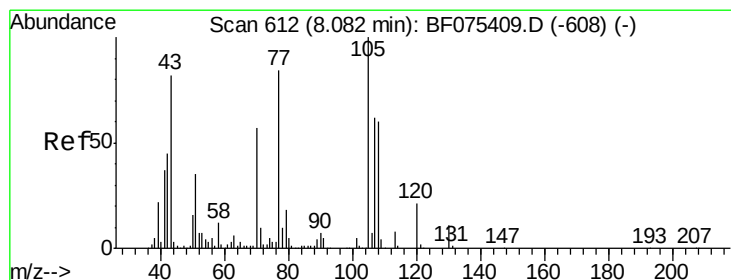
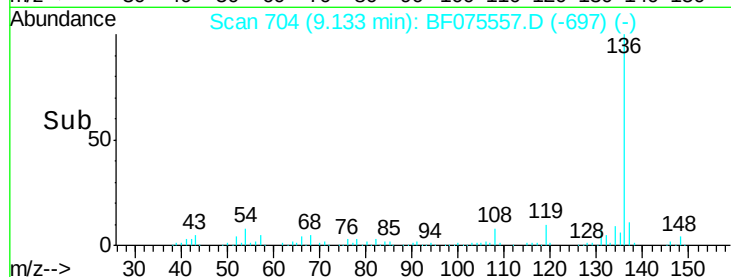
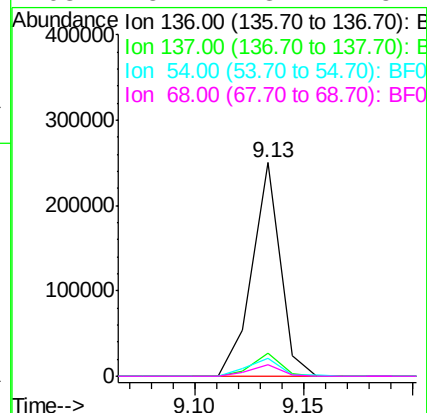
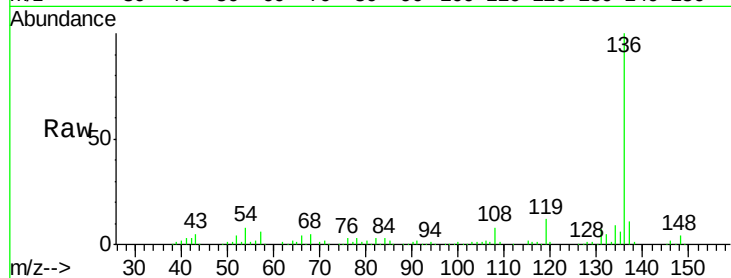




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

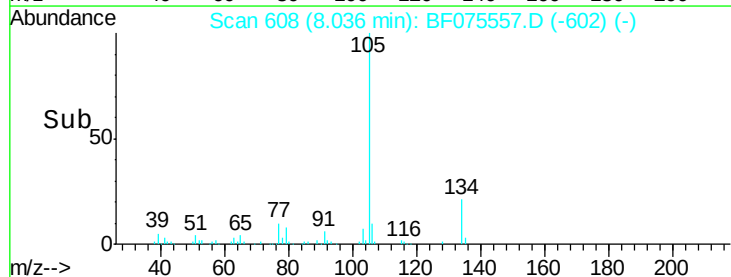
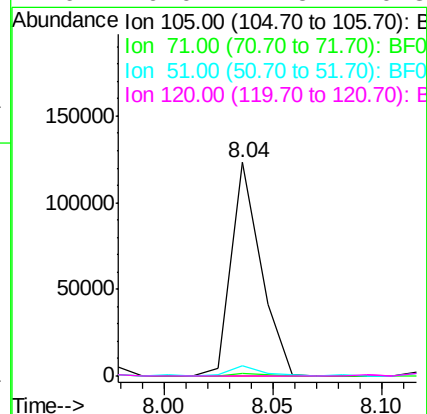
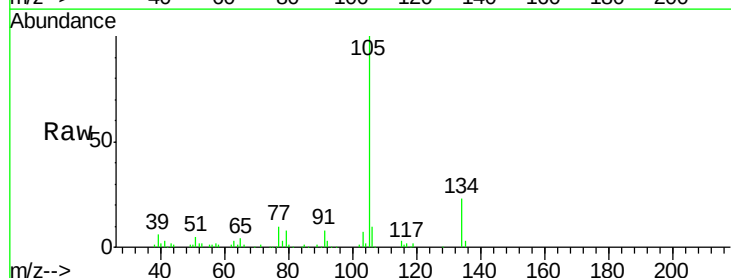
Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

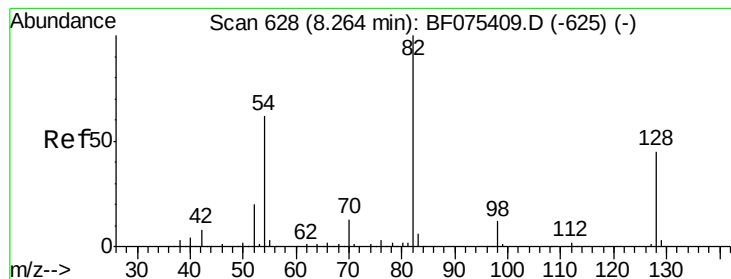
Tgt Ion:	136	Resp:	225043
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.5	6.2	9.4
68	5.2	3.4	5.2#



#22
Acetophenone
Concen: 24.04 ng
RT: 8.04 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Tgt Ion:	105	Resp:	116699
Ion	Ratio	Lower	Upper
105	100		
71	1.0	10.5	15.7#
51	4.8	24.2	36.2#
120	0.0	17.5	26.3#





#23

Nitrobenzene-d5

Concen: 78.00 ng

RT: 8.24 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Instrument :

BNA_F

ClientSampleId :

SB-75(5-7)

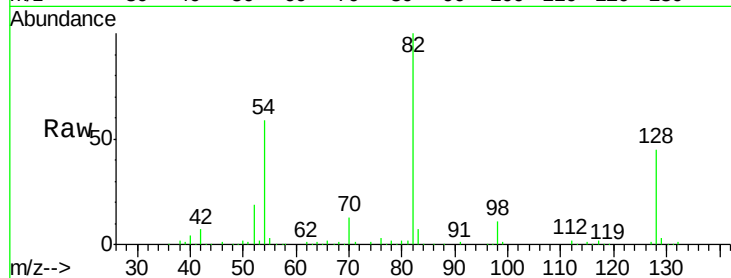
Tgt Ion: 82 Resp: 239414

Ion Ratio Lower Upper

82 100

128 44.7 37.8 56.6

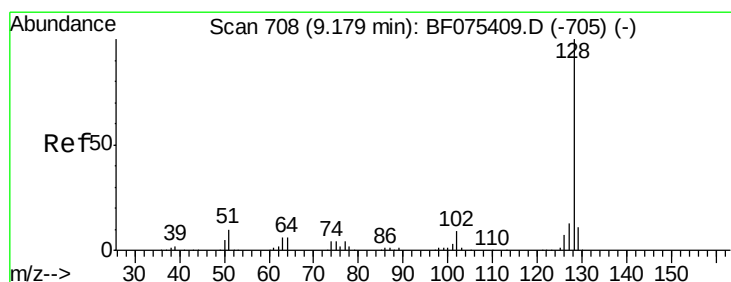
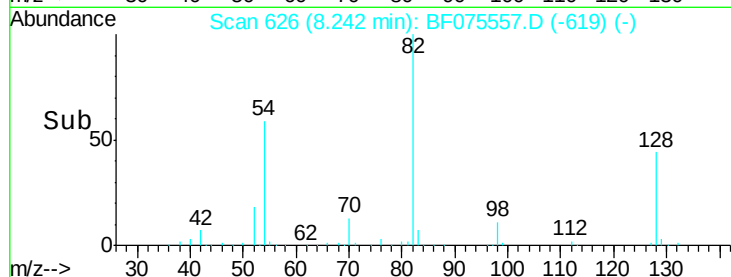
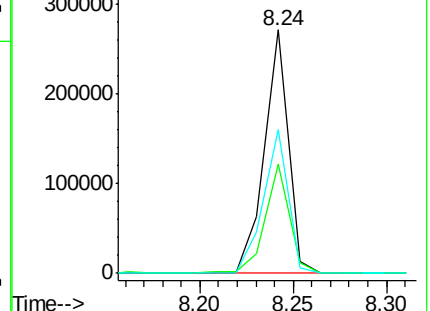
54 58.8 49.8 74.8



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: 81.28 ng

RT: 9.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

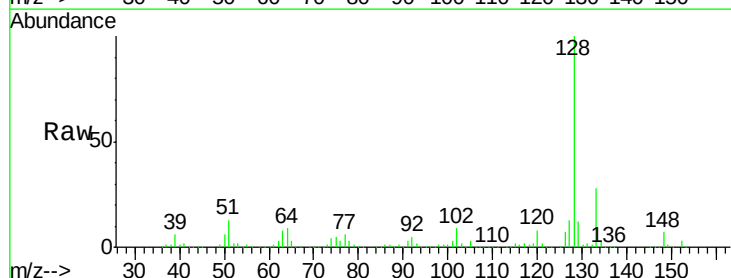
Tgt Ion: 128 Resp: 815475

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.4

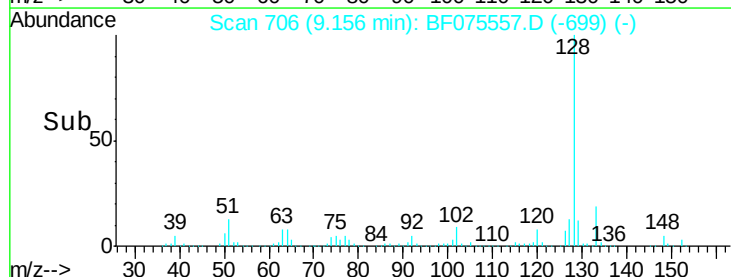
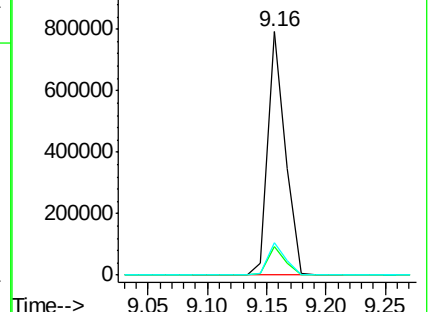
127 13.3 10.2 15.4

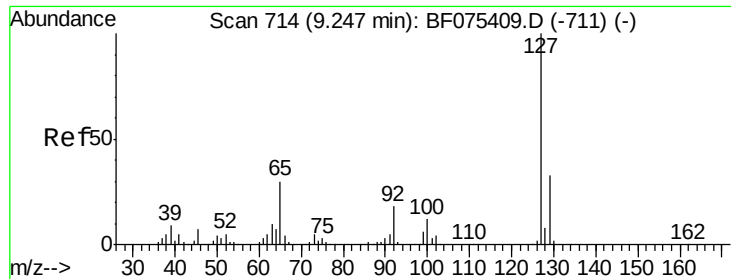


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

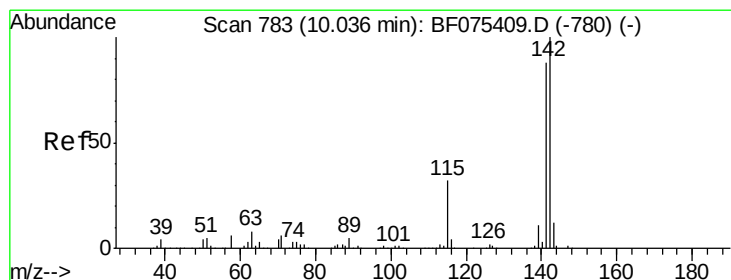
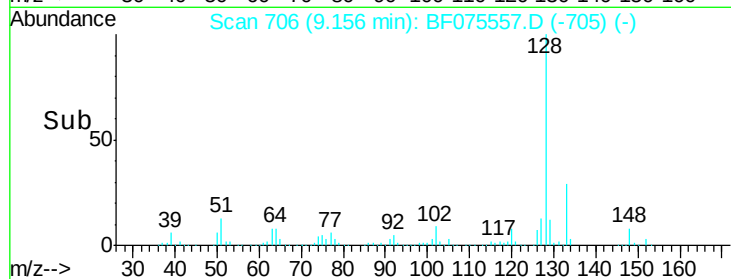
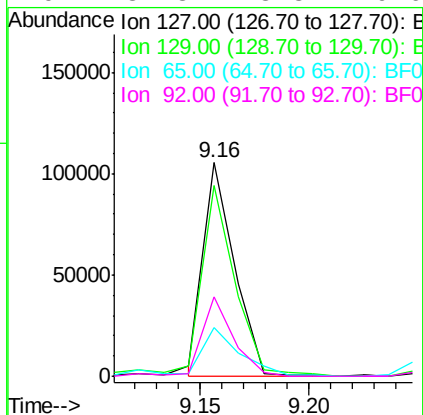
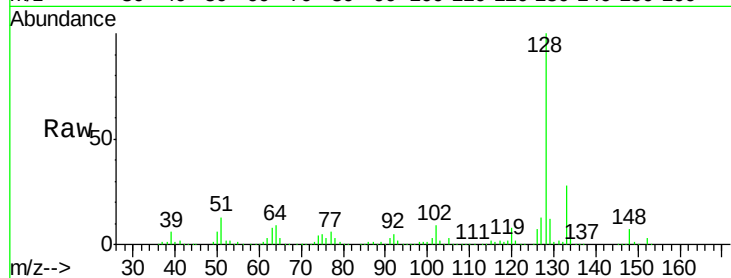




#33
4-Chloroaniline
Concen: 24.15 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.09 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

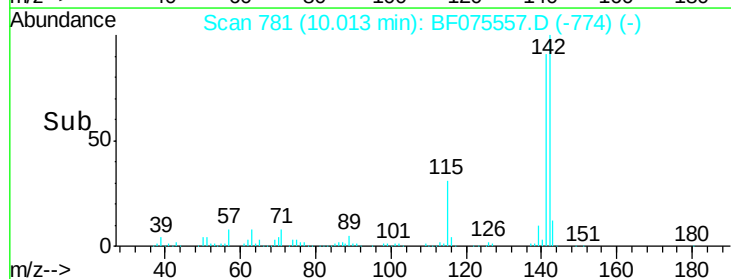
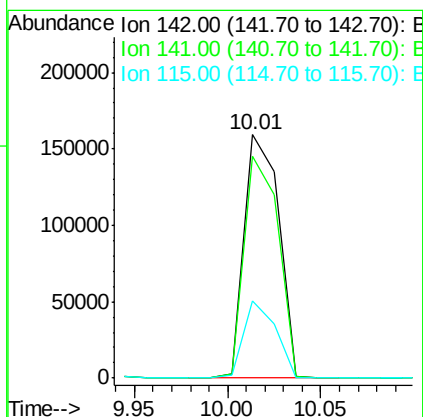
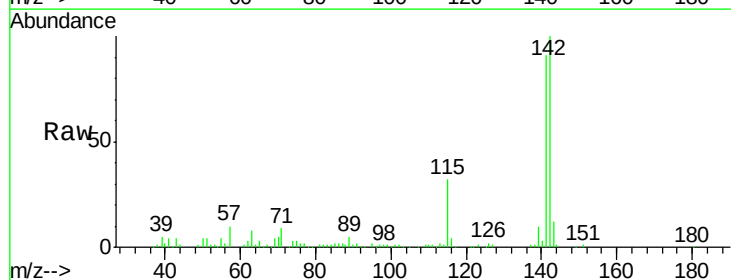
Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

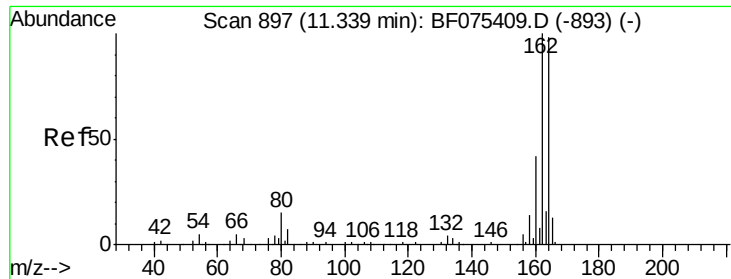
Tgt Ion:	127	Resp:	105285
Ion	Ratio	Lower	Upper
127	100		
129	89.3	25.5	38.3#
65	22.7	22.8	34.2#
92	37.3	13.8	20.6#



#37
2-Methylnaphthalene
Concen: 29.95 ng
RT: 10.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Tgt Ion:	142	Resp:	205037
Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.9	104.9
115	31.6	27.6	41.4

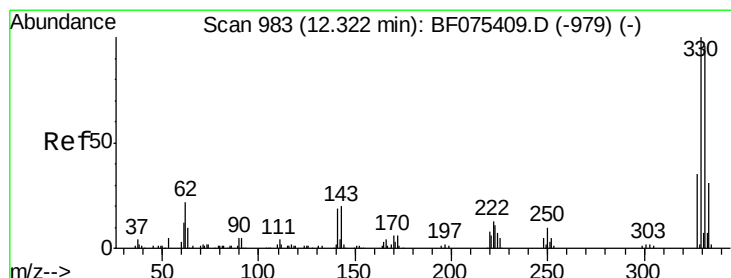
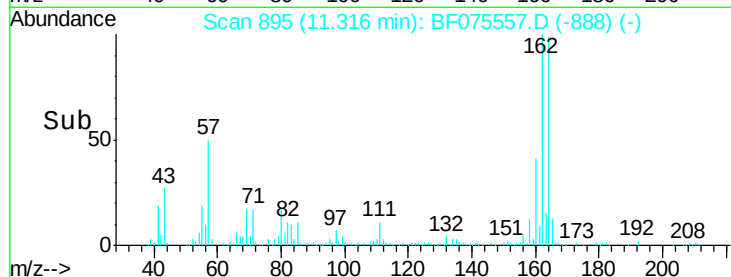
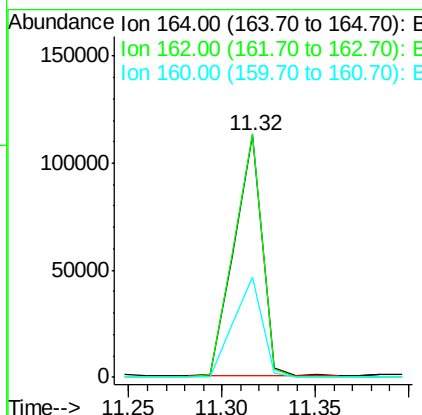
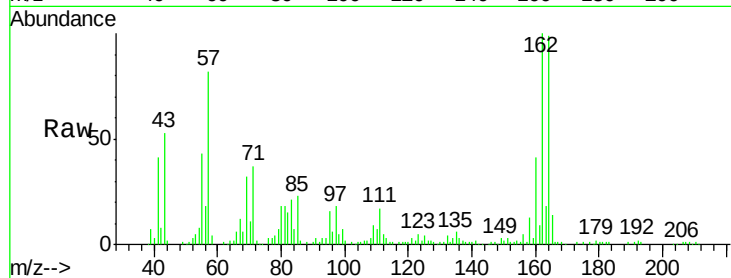




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

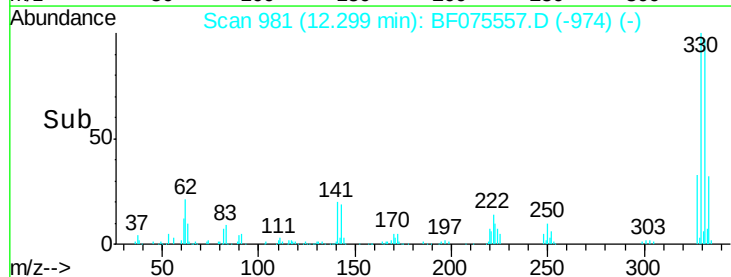
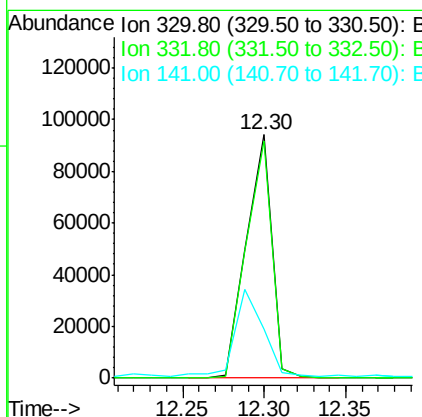
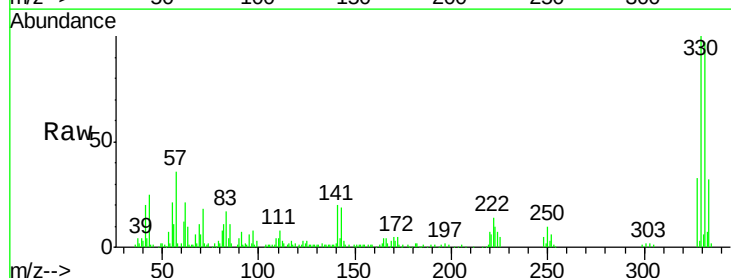
Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

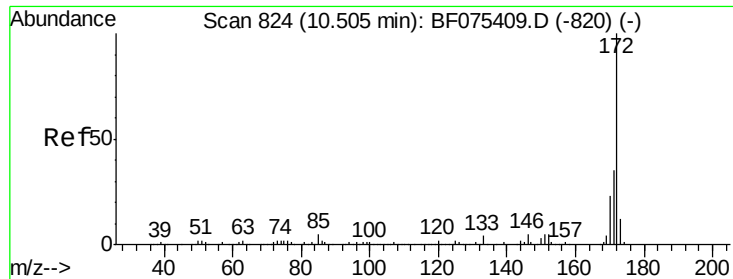
Tgt Ion:164 Resp: 118773
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 41.6 34.6 51.8



#41
2,4,6-Tribromophenol
Concen: 102.83 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Tgt Ion:330 Resp: 102300
Ion Ratio Lower Upper
330 100
332 97.7 74.5 111.7
141 39.5 30.7 46.1

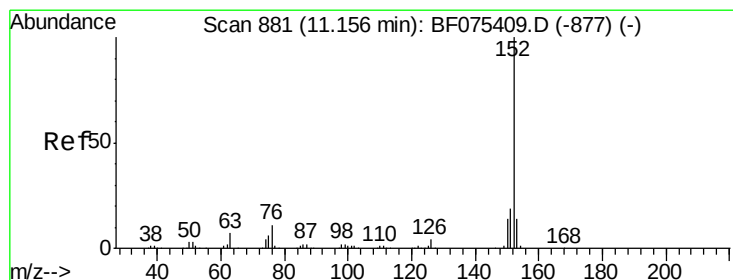
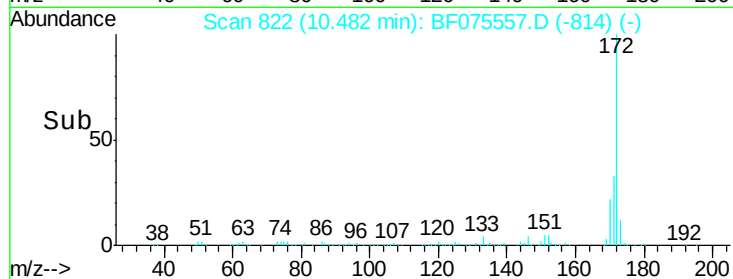
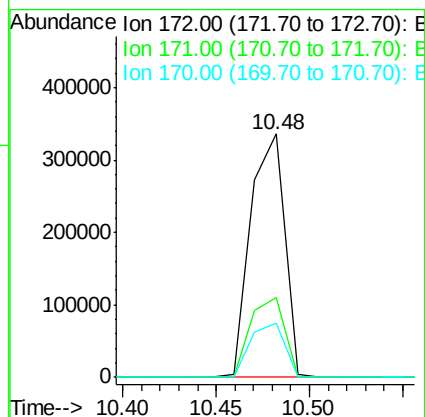
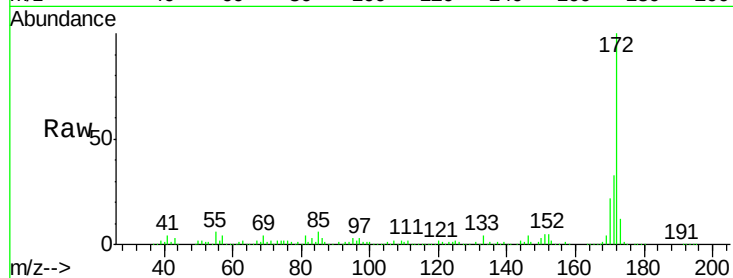




#44
2-Fluorobiphenyl
Concen: 64.36 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

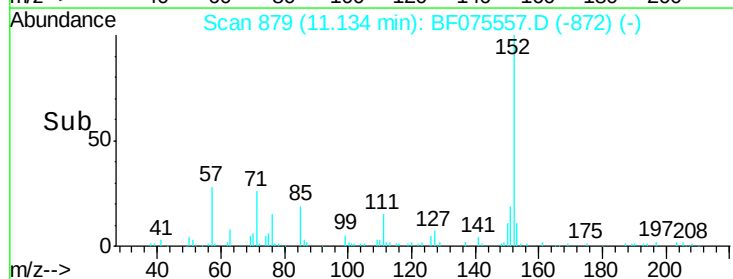
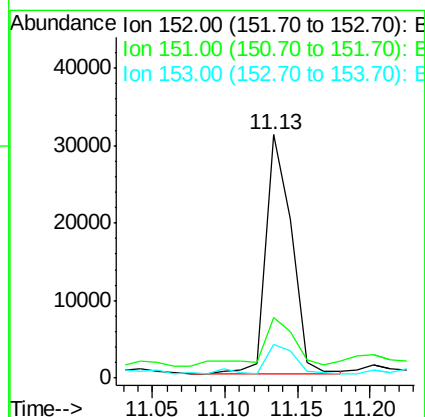
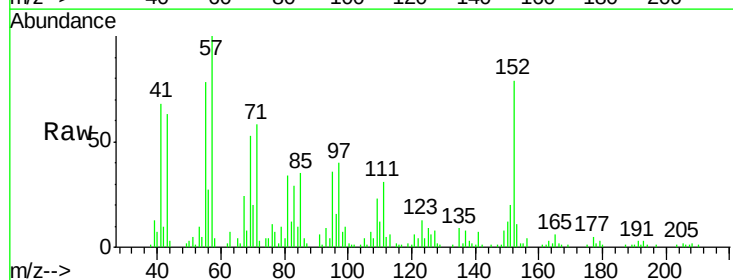
Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

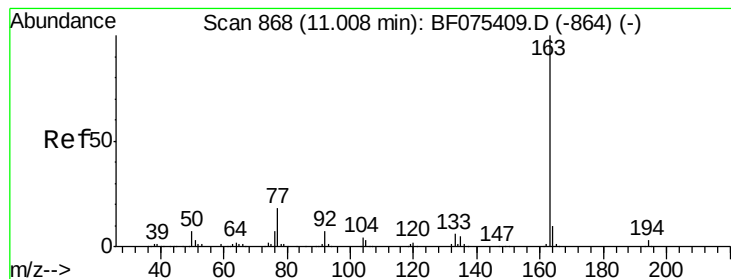
Tgt Ion:172 Resp: 423061
Ion Ratio Lower Upper
172 100
171 32.8 27.3 40.9
170 22.0 18.4 27.6



#48
Acenaphthylene
Concen: 3.65 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Tgt Ion:152 Resp: 37679
Ion Ratio Lower Upper
152 100
151 24.8 15.4 23.2#
153 13.8 10.0 15.0





#49

Dimethylphthalate

Concen: 7.77 ng

RT: 10.97 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Instrument :

BNA_F

ClientSampleId :

SB-75(5-7)

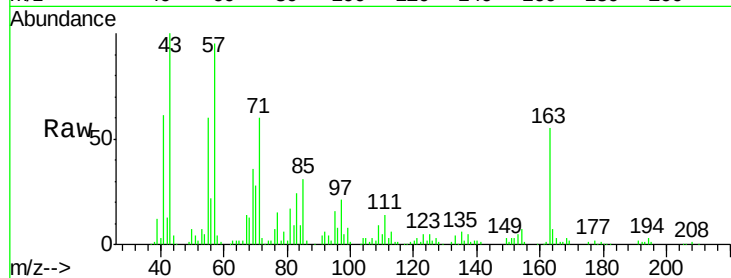
Tgt Ion:163 Resp: 63123

Ion Ratio Lower Upper

163 100

194 5.2 2.7 4.1#

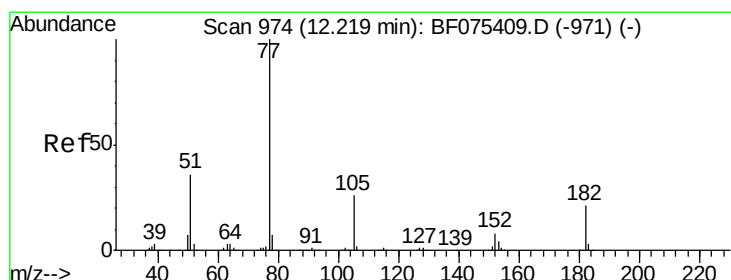
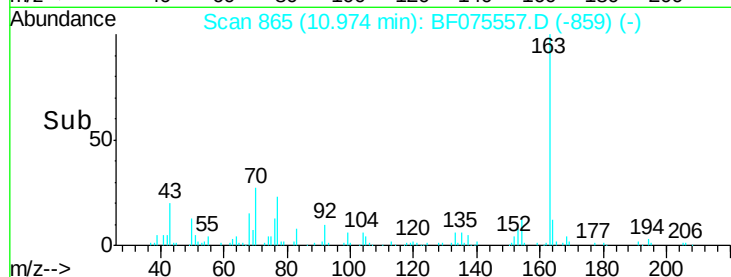
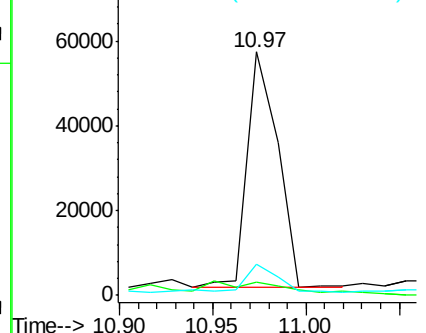
164 13.0 8.0 12.0#



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



#62

Azobenzene

Concen: 4.41 ng

RT: 12.21 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Tgt Ion: 77 Resp: 32692

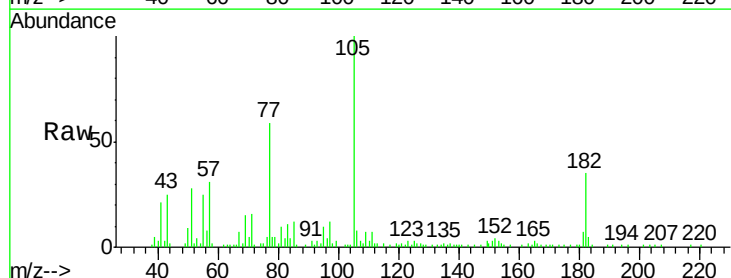
Ion Ratio Lower Upper

77 100

182 59.2 0.0 37.1#

105 168.8 3.7 43.7#

51 48.0 18.7 58.7

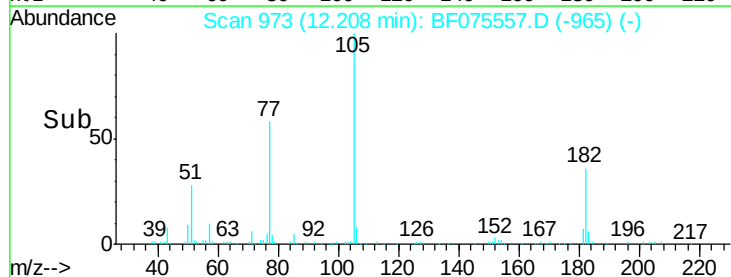
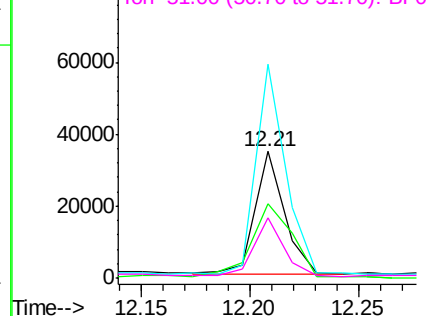


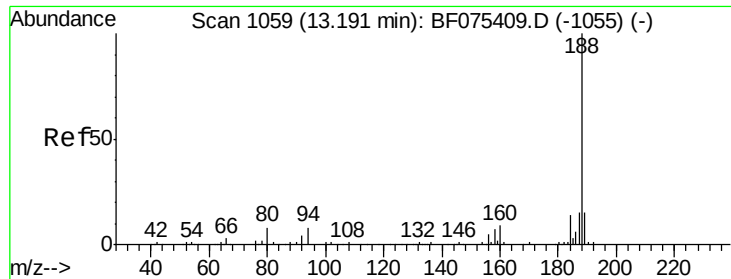
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

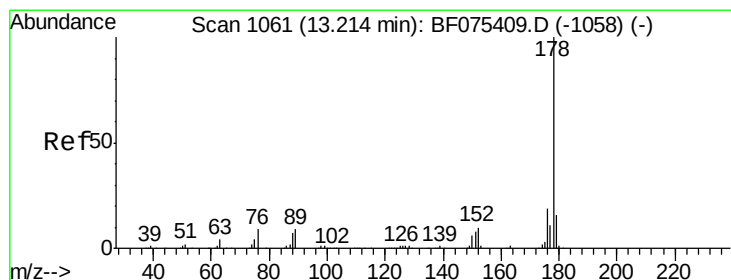
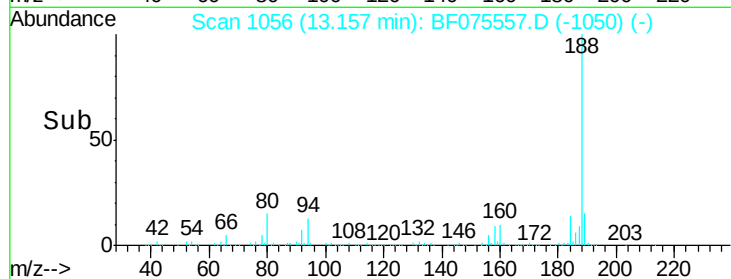
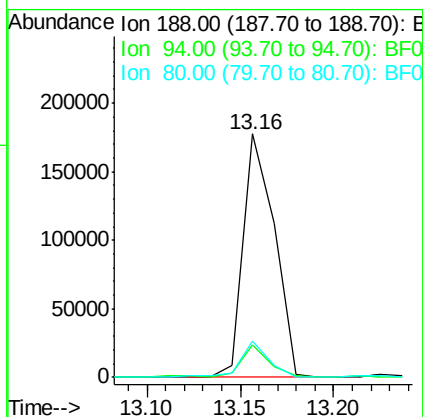
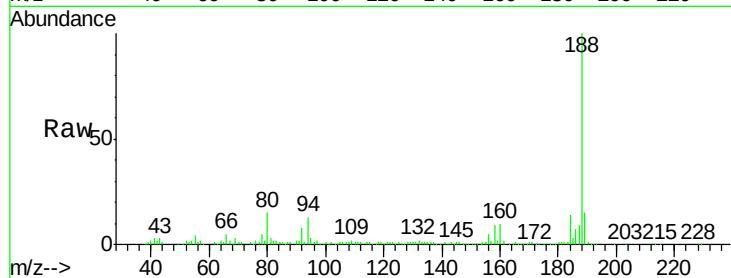




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

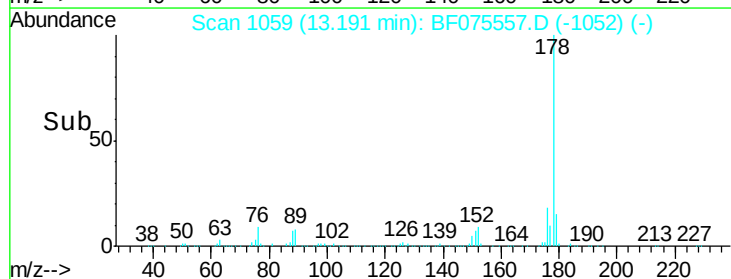
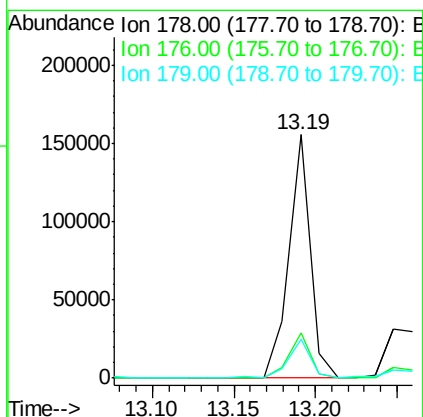
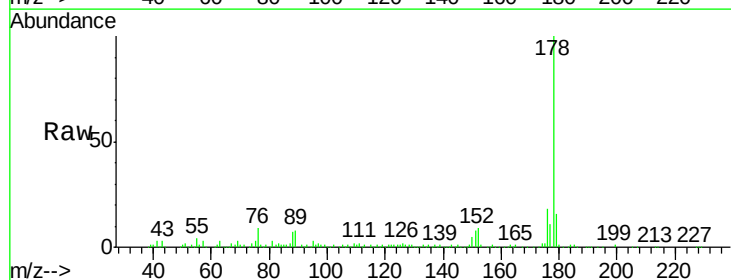
Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

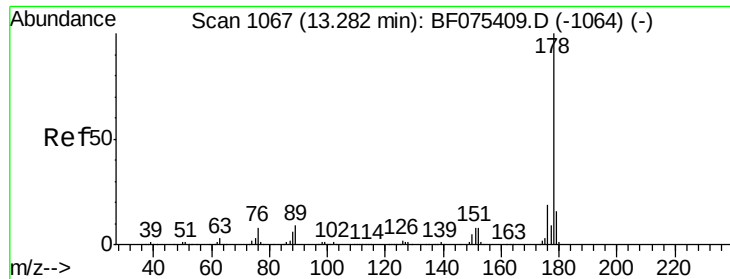
Tgt Ion:188 Resp: 206293
Ion Ratio Lower Upper
188 100
94 13.2 7.8 11.6#
80 15.0 8.0 12.0#



#70
Phenanthrene
Concen: 13.22 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Tgt Ion:178 Resp: 143570
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.9 12.2 18.4

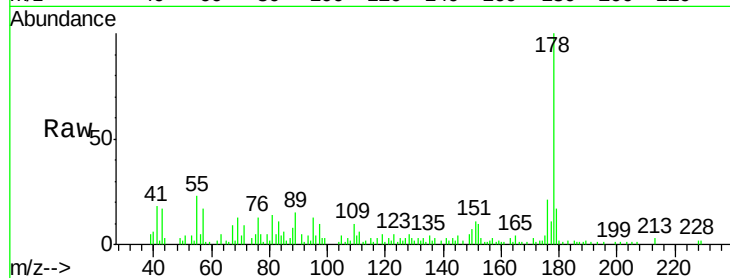




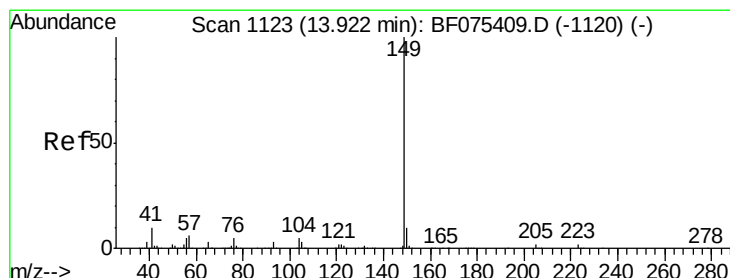
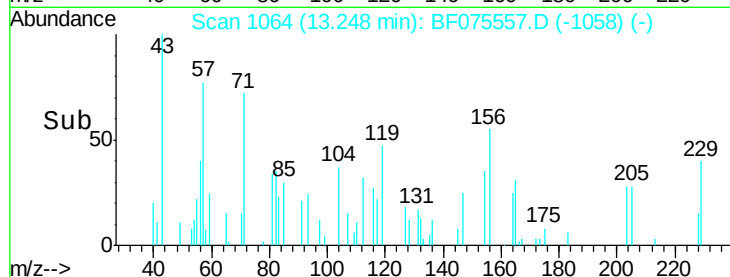
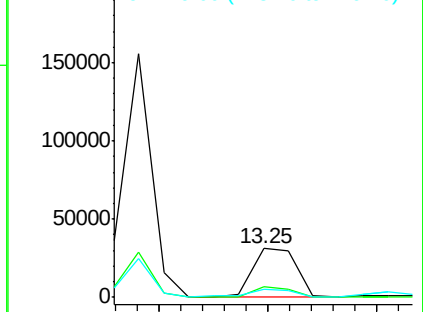
#71
 Anthracene
 Concen: 3.75 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF075557.D
 Acq: 15 Nov 2014 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(5-7)

Tgt Ion:	178	Resp:	42092
Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.1	22.7
179	16.9	12.2	18.2

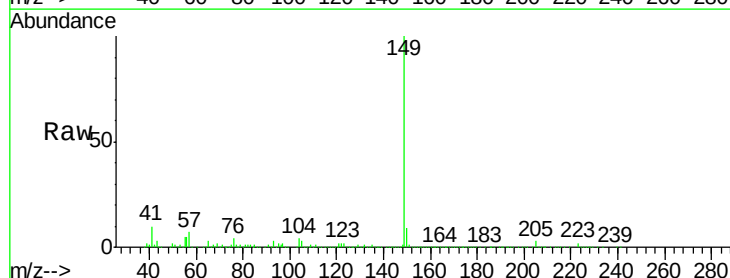


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

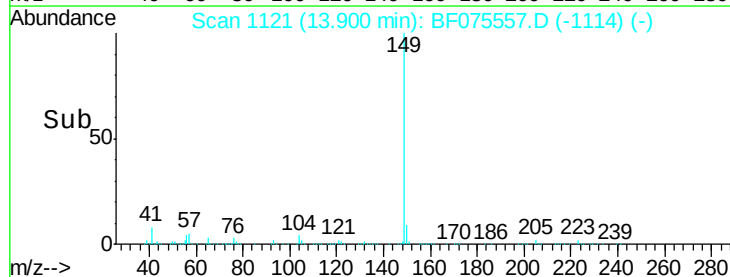
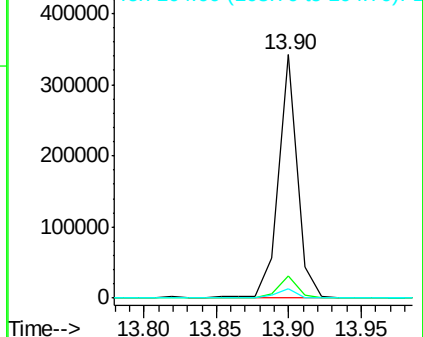


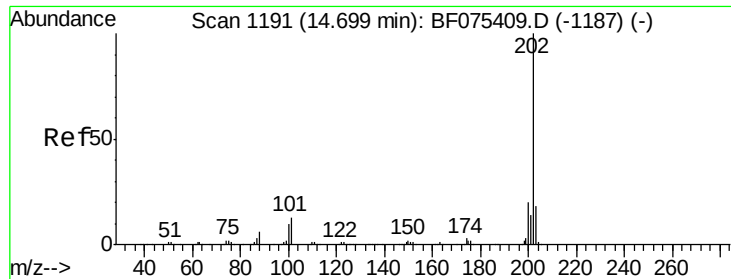
#73
 Di-n-butylphthalate
 Concen: 19.89 ng
 RT: 13.90 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF075557.D
 Acq: 15 Nov 2014 22:52

Tgt Ion:	149	Resp:	301716
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.1	3.1	4.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 14.44 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Instrument :

BNA_F

ClientSampleId :

SB-75(5-7)

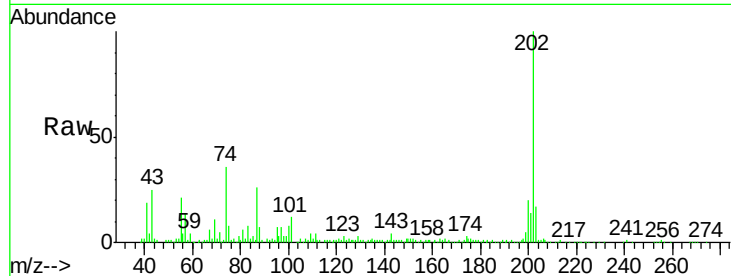
Tgt Ion:202 Resp: 167951

Ion Ratio Lower Upper

202 100

101 11.6 0.0 36.6

203 17.4 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

14.68

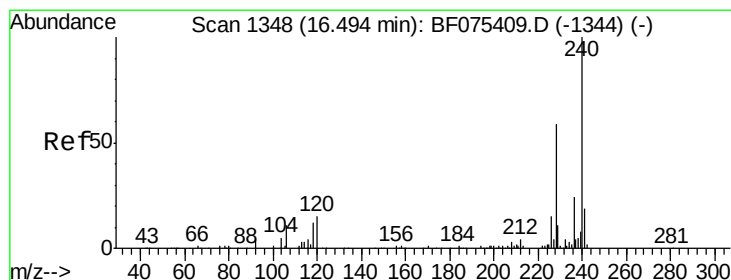
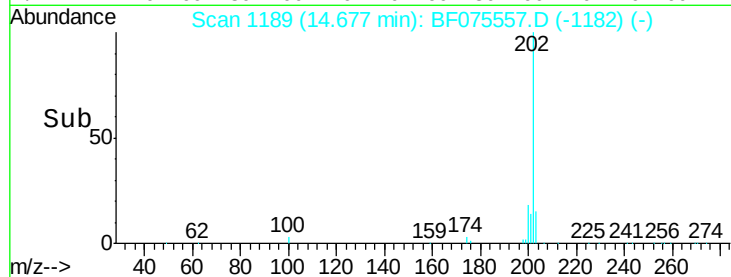
150000

100000

50000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.08 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

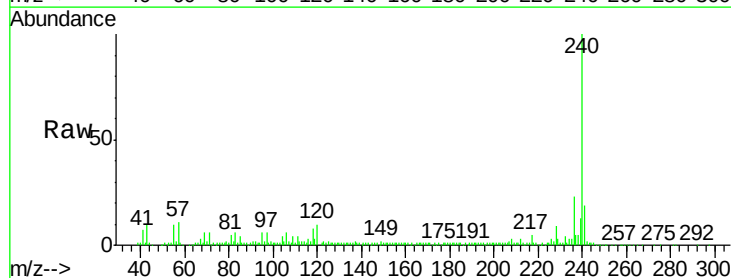
Tgt Ion:240 Resp: 217814

Ion Ratio Lower Upper

240 100

120 10.1 9.6 14.4

236 23.4 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

16.46

200000

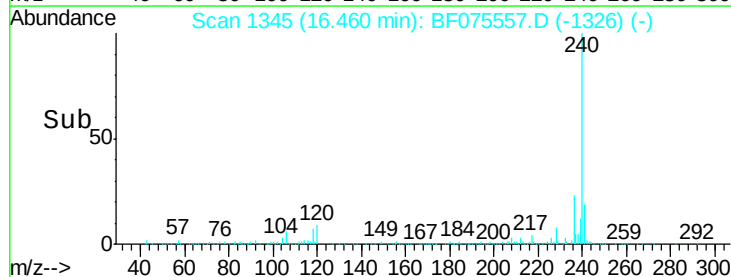
150000

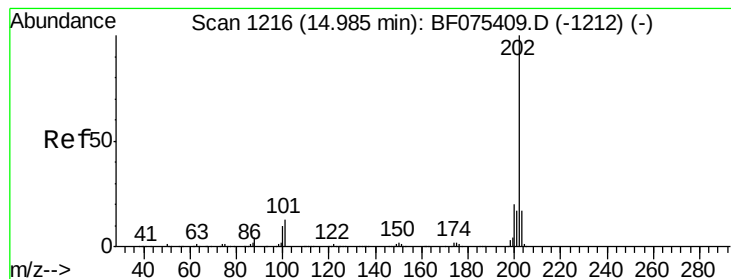
100000

50000

0

Time-->





#77

Pyrene

Concen: 17.85 ng

RT: 14.95 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Instrument :

BNA_F

ClientSampleId :

SB-75(5-7)

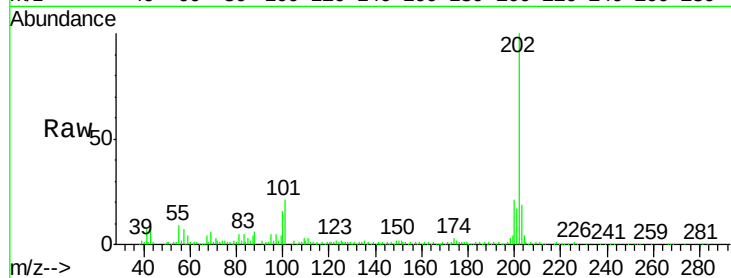
Tgt Ion:202 Resp: 225985

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

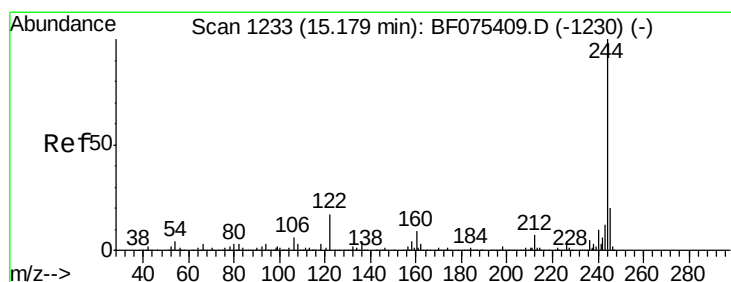
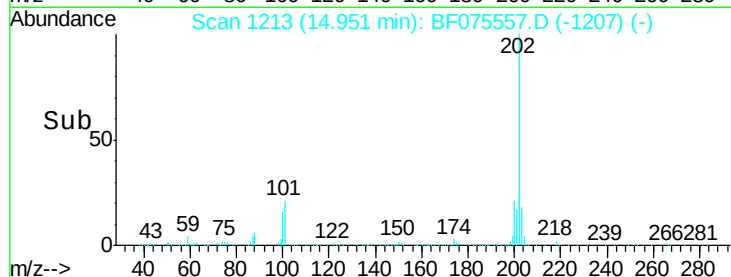
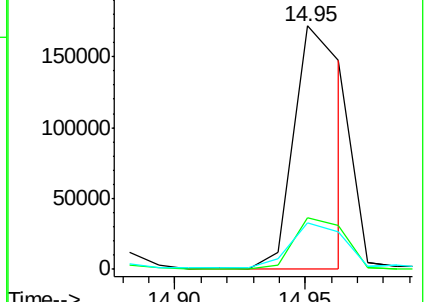
203 19.3 14.3 21.5



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: 54.98 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

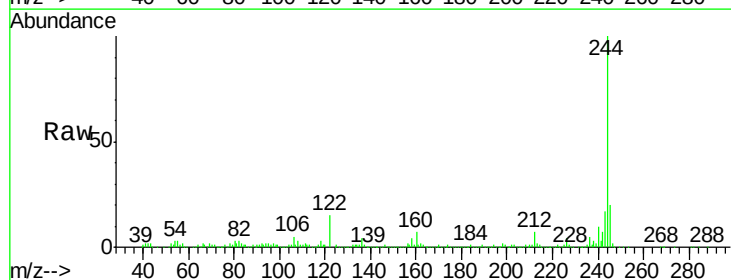
Tgt Ion:244 Resp: 444794

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

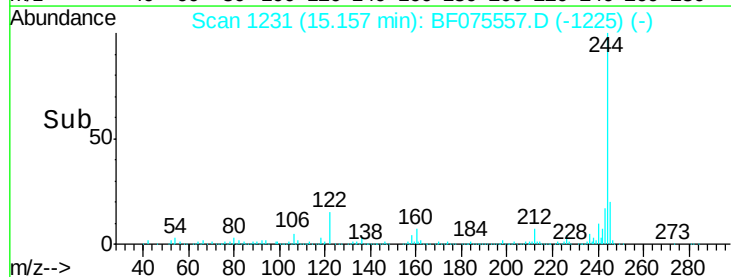
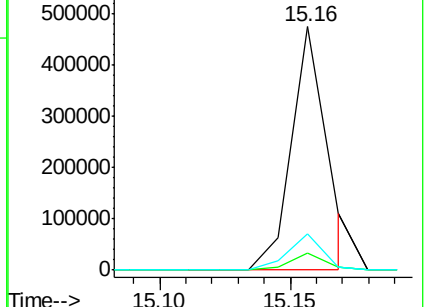
122 15.0 9.7 14.5#

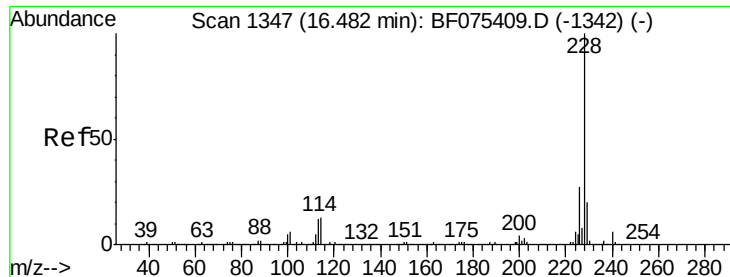


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 9.63 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.05 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Instrument :

BNA_F

ClientSampleId :

SB-75(5-7)

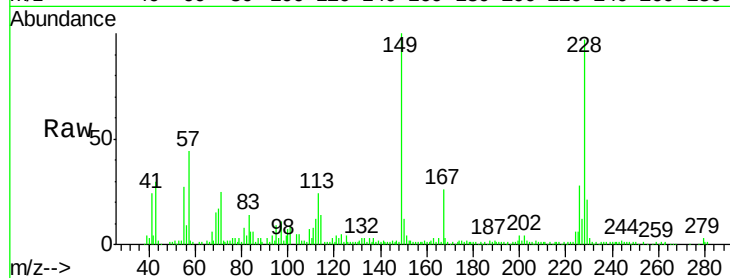
Tgt Ion:228 Resp: 110216

Ion Ratio Lower Upper

228 100

226 28.7 21.8 32.8

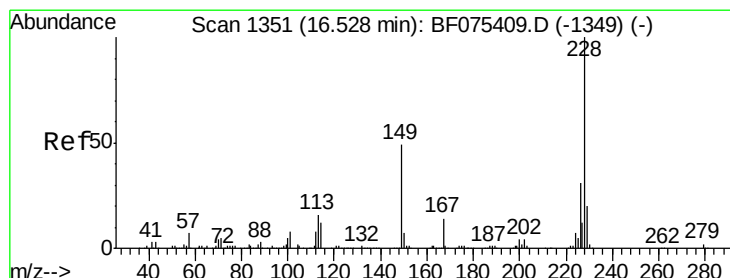
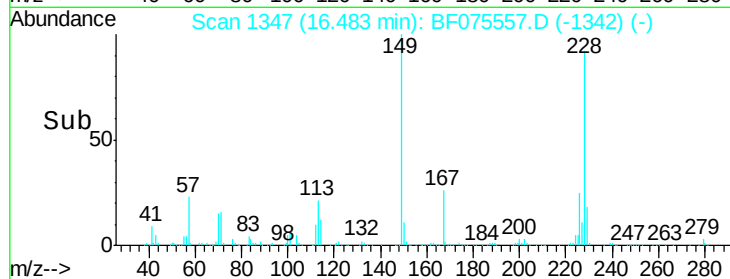
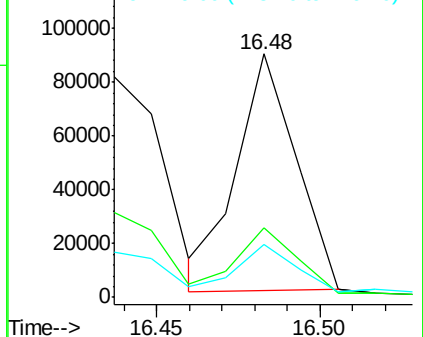
229 21.8 15.3 22.9



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: 11.65 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.09 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

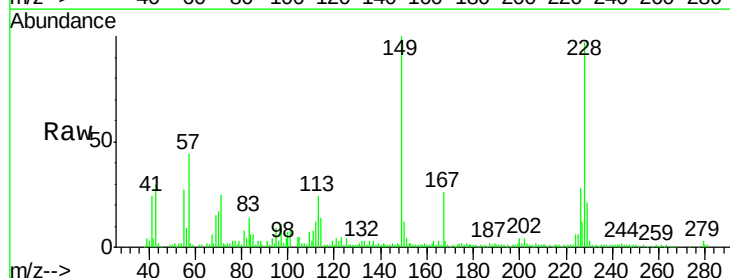
Tgt Ion:228 Resp: 115258

Ion Ratio Lower Upper

228 100

226 28.7 23.8 35.6

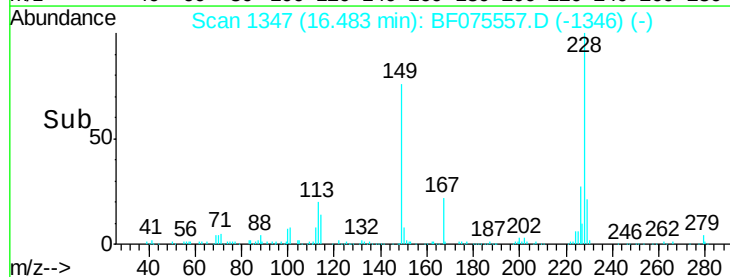
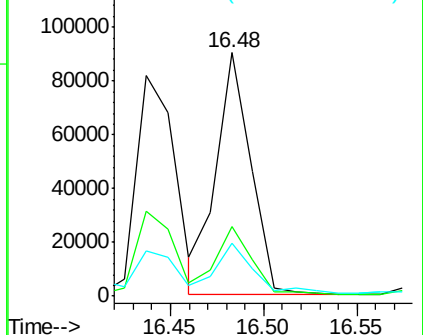
229 21.8 15.8 23.6

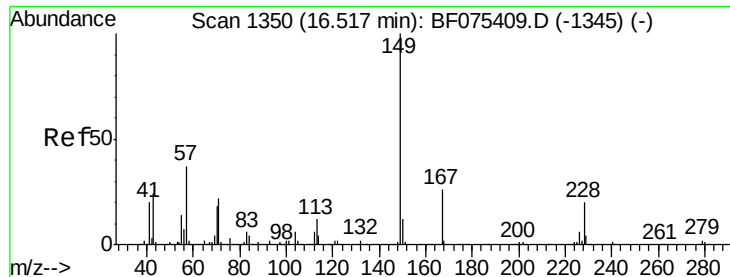


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

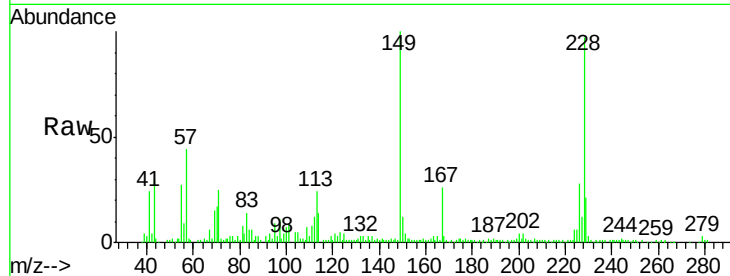




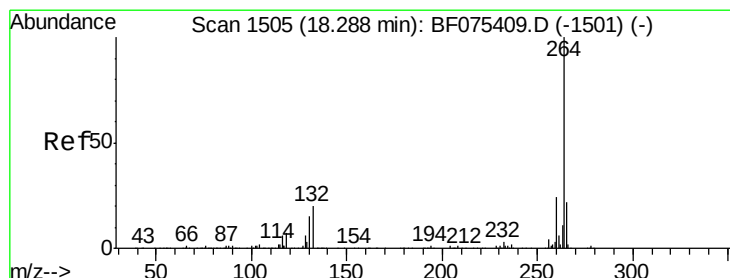
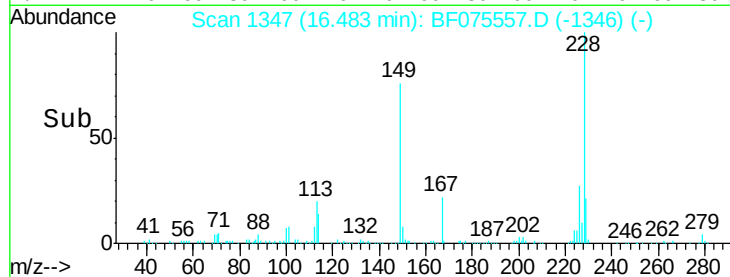
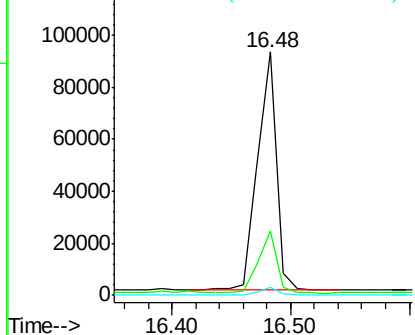
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.14 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.09 min
 Lab File: BF075557.D
 Acq: 15 Nov 2014 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-75(5-7)

Tgt Ion:149 Resp: 102432
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.4 32.2
 279 3.4 2.8 4.2

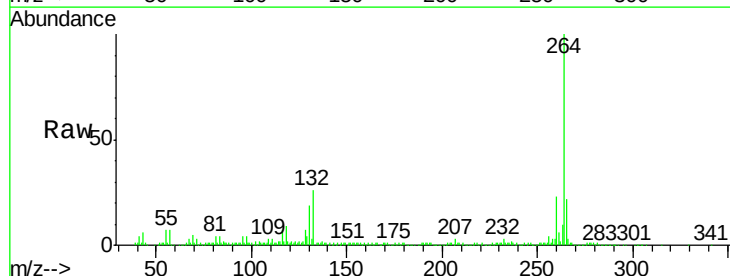


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

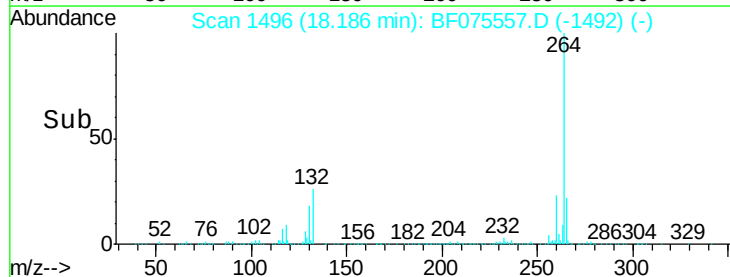
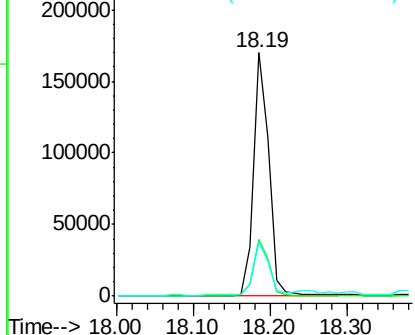


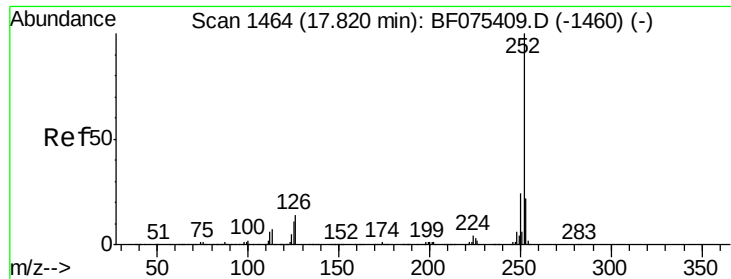
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.19 min Scan# 1496
 Delta R.T. -0.25 min
 Lab File: BF075557.D
 Acq: 15 Nov 2014 22:52

Tgt Ion:264 Resp: 233358
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.9 26.9
 265 22.3 16.3 24.5



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

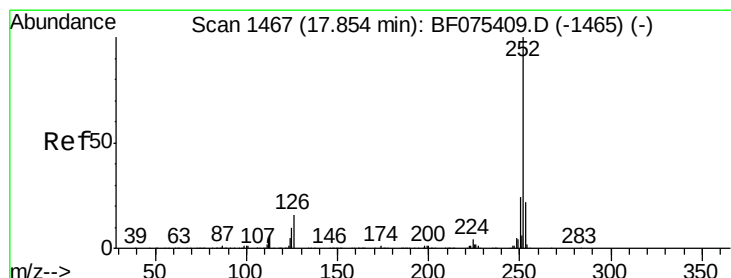
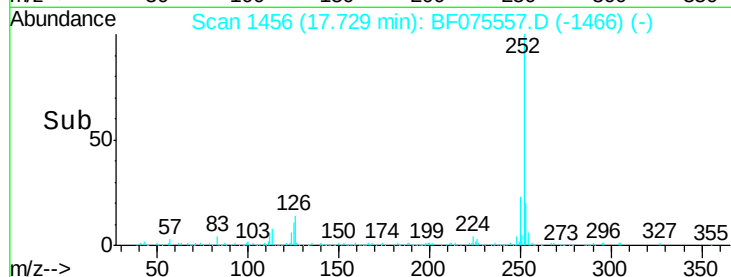
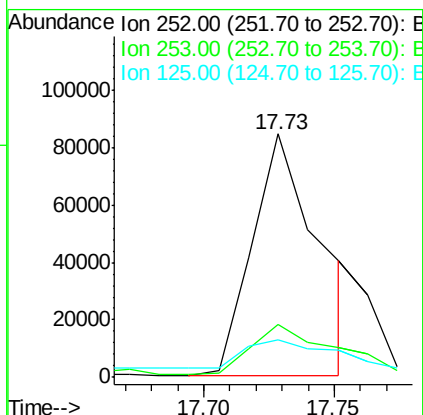
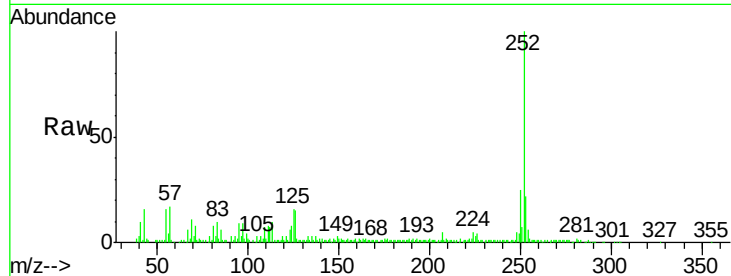




#87
Benzo(b)fluoranthene
Concen: 11.98 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.22 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

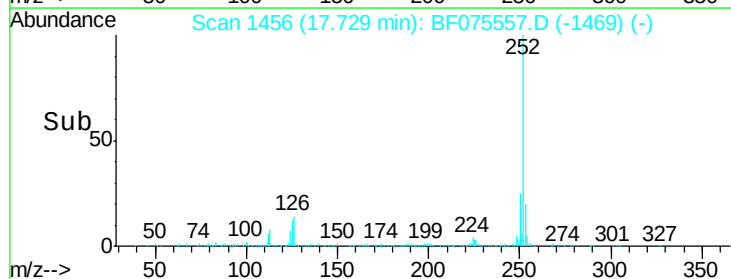
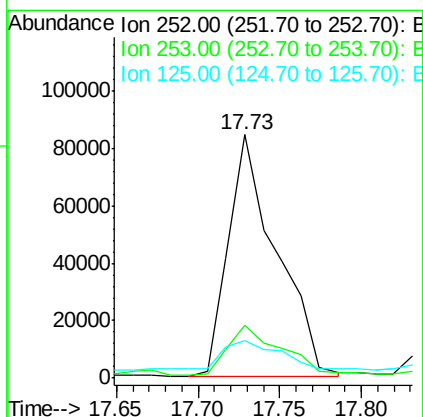
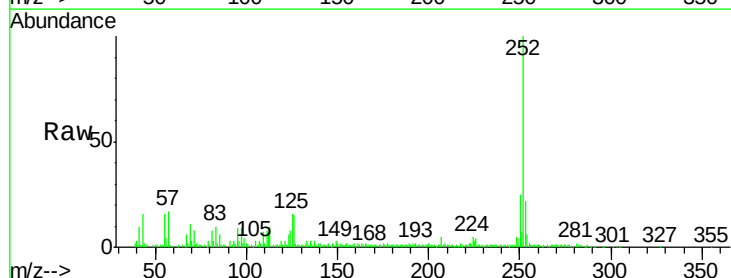
Instrument :
BNA_F
ClientSampleId :
SB-75(5-7)

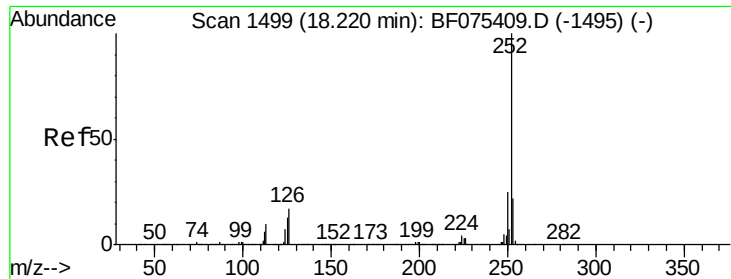
Tgt Ion:252 Resp: 149463
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 15.7 11.8 17.6



#88
Benzo(k)fluoranthene
Concen: 15.34 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF075557.D
Acq: 15 Nov 2014 22:52

Tgt Ion:252 Resp: 171715
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 15.7 11.6 17.4





#89

Benzo(a)pyrene

Concen: 8.10 ng

RT: 18.12 min Scan# 1490

Delta R.T. -0.25 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

Instrument :

BNA_F

ClientSampleId :

SB-75(5-7)

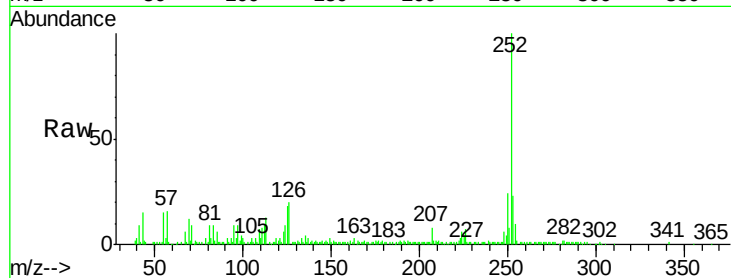
Tgt Ion:252 Resp: 90379

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

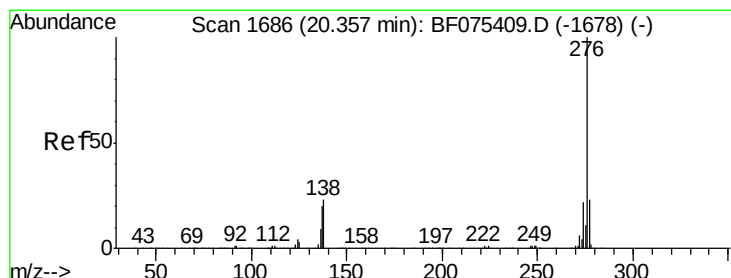
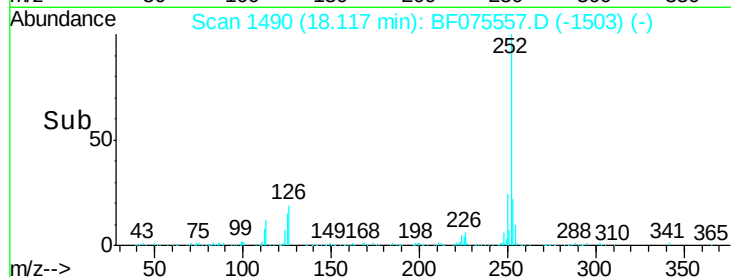
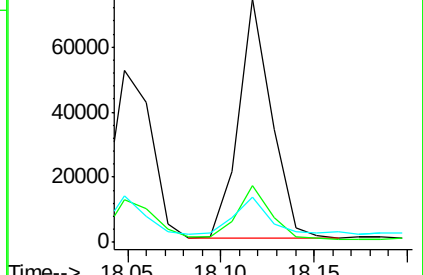
125 18.3 12.2 18.4



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



#91

Benzo(g,h,i)perylene

Concen: 5.44 ng

RT: 20.21 min Scan# 1673

Delta R.T. -0.30 min

Lab File: BF075557.D

Acq: 15 Nov 2014 22:52

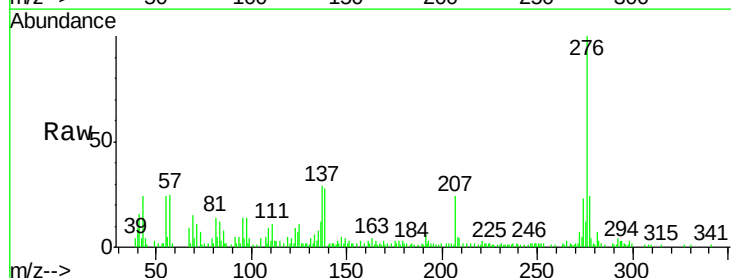
Tgt Ion:276 Resp: 60451

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.8

138 27.8 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

