

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078570.D
 Acq On : 16 Apr 2015 17:25
 Operator : TP/IZ
 Sample : G1828-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB05A

Quant Time: Apr 17 01:22:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 00:52:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	23269	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	97027	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	47973	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	88758	20.00	ng	0.01
75) Chrysene-d12	15.51	240	98359	20.00	ng	0.02
86) Perylene-d12	17.29	264	98813	20.00	ng	0.10

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	140878	99.82	ng	0.01
7) Phenol-d6	6.31	99	194248	109.83	ng	0.01
23) Nitrobenzene-d5	7.39	82	112491	70.27	ng	0.00
41) 2,4,6-Tribromophenol	11.40	330	49327	123.98	ng	0.01
44) 2-Fluorobiphenyl	9.62	172	230781	68.76	ng	0.00
78) Terphenyl-d14	14.24	244	255775	58.76	ng	0.01

Target Compounds

						Qvalue
6) Aniline	6.30	93	7013	2.80	ng	# 61
9) Benzaldehyde	6.12	77	4063	3.47	ng	# 27
10) Phenol	6.32	94	6442	3.04	ng	# 68
15) Benzyl Alcohol	6.84	79	3708	2.98	ng	# 49
31) Naphthalene	8.30	128	31001	6.14	ng	# 99
32) Benzoic acid	8.06	122	252	6.11	ng	# 25
37) 2-Methylnaphthalene	9.15	142	41444	12.09	ng	# 95
45) 1,1'-Biphenyl	9.74	154	13900	3.54	ng	# 98
48) Acenaphthylene	10.25	152	20161	4.04	ng	# 73
49) Dimethylphthalate	10.14	163	19754	5.48	ng	# 90
50) 2,6-Dinitrotoluene	10.16	165	2251	3.04	ng	# 77
51) Acenaphthene	10.47	154	17231	6.14	ng	# 94
52) 3-Nitroaniline	10.40	138	2634	3.12	ng	# 18
54) Dibenzofuran	10.68	168	22736	5.30	ng	# 96
55) 4-Nitrophenol	10.64	139	820	4.04	ng	# 1
57) Fluorene	11.10	166	20814	5.99	ng	# 88
62) Azobenzene	11.32	77	16315	5.14	ng	# 9
65) n-Nitrosodiphenylamine	11.27	169	6523	2.12	ng	# 77
70) Phenanthrene	12.27	178	240249	46.79	ng	# 97
71) Anthracene	12.27	178	227680	45.00	ng	# 96
72) Carbazole	12.56	167	35246	7.43	ng	# 87
74) Fluoranthene	13.75	202	387579	71.58	ng	# 92
77) Pyrene	14.01	202	384295	62.24	ng	# 90
80) Benzo(a)anthracene	15.50	228	232697	39.76	ng	# 91
82) Chrysene	15.54	228	203507	37.01	ng	# 97
83) Bis(2-ethylhexyl)phthalate	15.61	149	10401	2.82	ng	# 92
85) Indeno(1,2,3-cd)pyrene	18.41	276	46011	7.37	ng	# 98
87) Benzo(b)fluoranthene	16.83	252	447949	73.35	ng	# 90
88) Benzo(k)fluoranthene	16.83	252	427148	78.71	ng	# 96
89) Benzo(a)pyrene	17.22	252	248307	46.59	ng	# 90
90) Dibenzo(a,h)anthracene	18.55	278	54740	10.26	ng	# 80
91) Benzo(g,h,i)perylene	18.87	276	201407	37.65	ng	# 98

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QLast Update : Fri Apr 17 00:52:22 2015
Response via : Initial Calibration

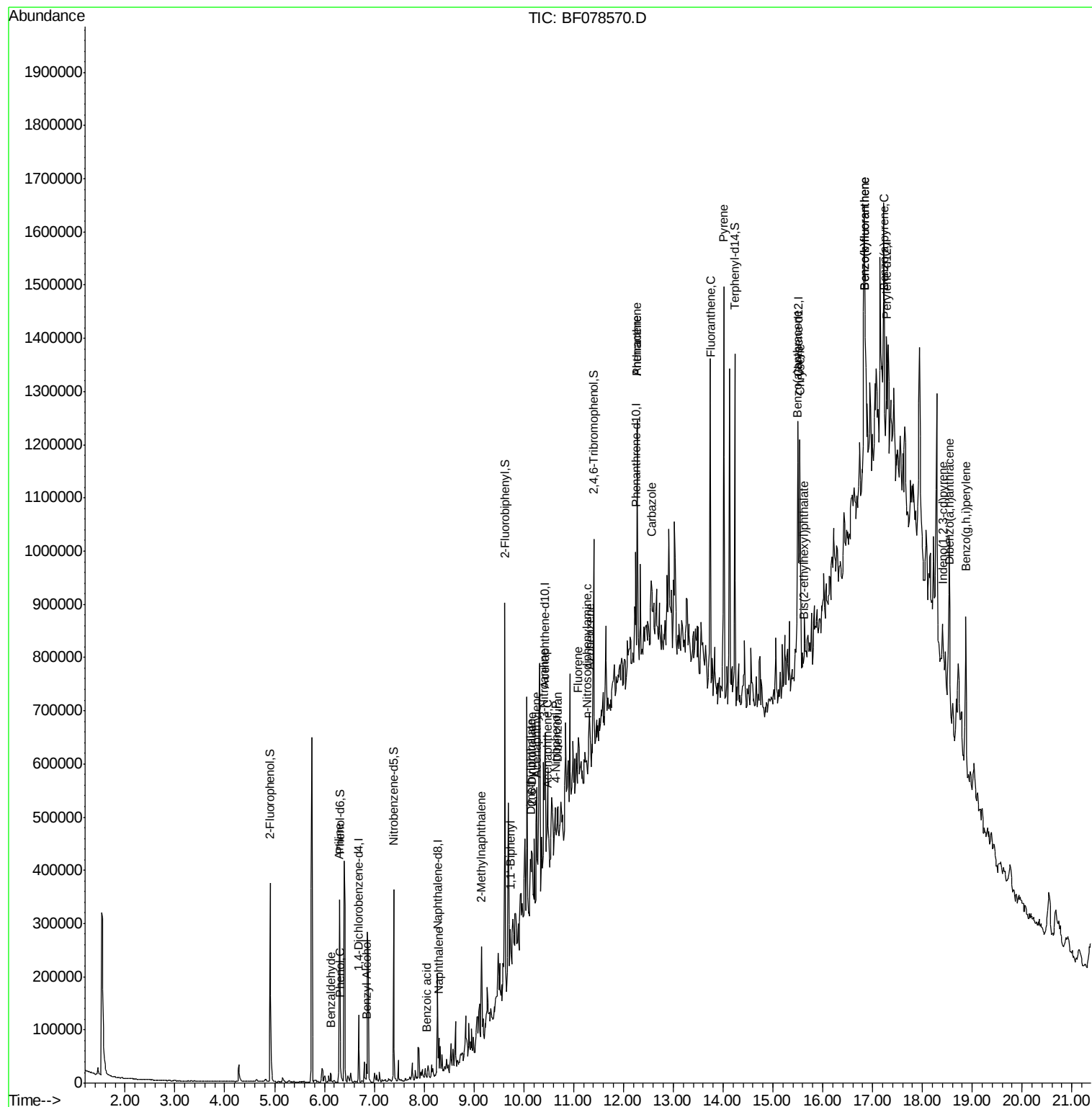
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

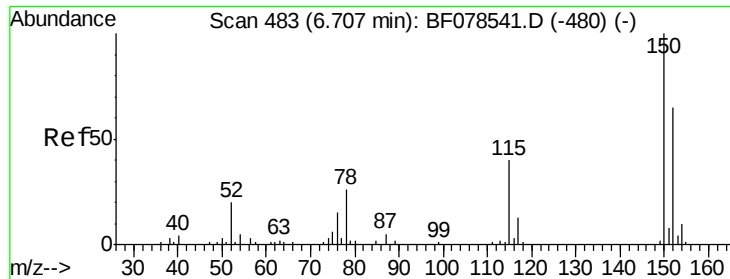
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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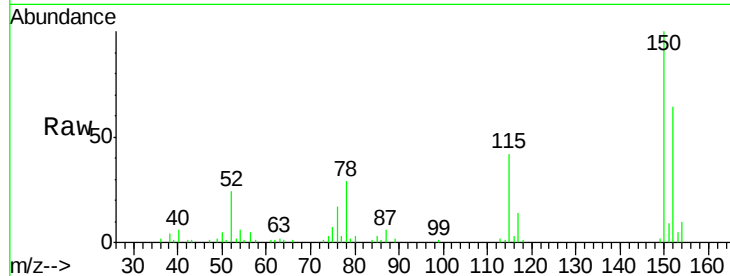


#1

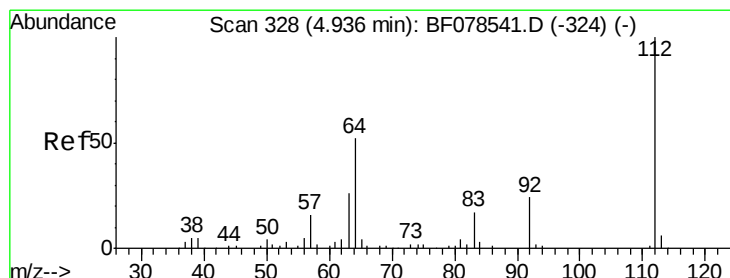
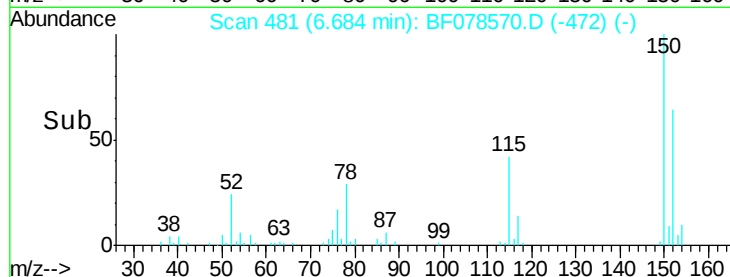
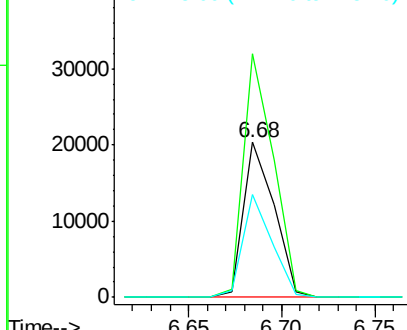
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Instrument :
BNA_F
ClientSampleId :
HS-SB05A

Tgt Ion:152 Resp: 23269
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 66.6 52.7 79.1



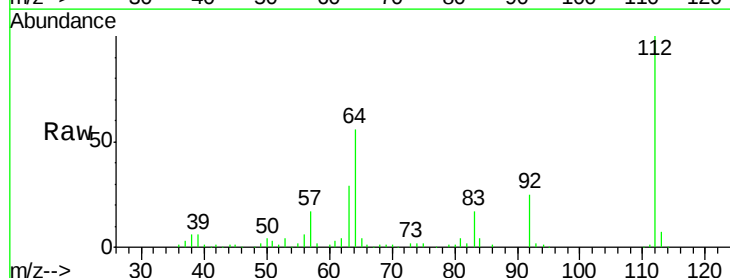
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



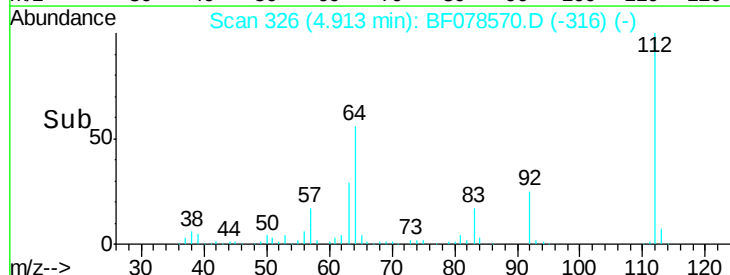
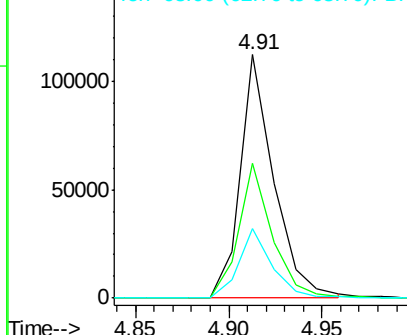
#5

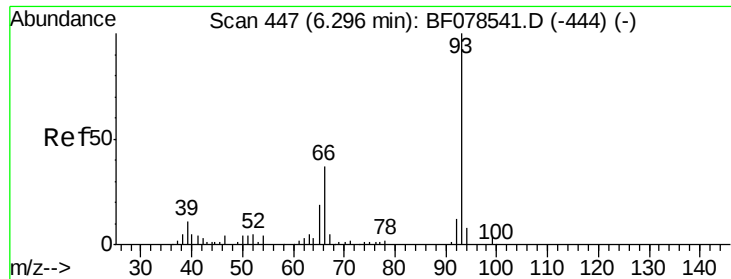
2-Fluorophenol
Concen: 99.82 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion:112 Resp: 140878
Ion Ratio Lower Upper
112 100
64 55.5 39.9 59.9
63 28.7 20.2 30.4



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





#6

Aniline

Concen: 2.80 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.02 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

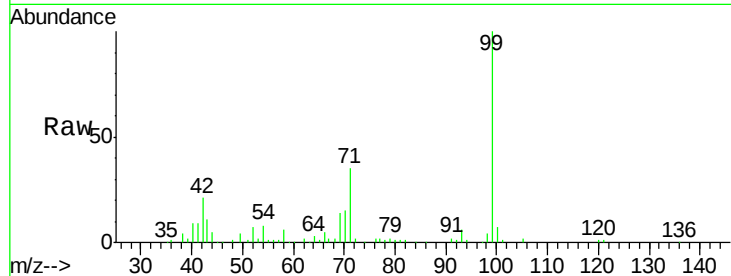
Tgt Ion: 93 Resp: 7013

Ion Ratio Lower Upper

93 100

66 85.0 38.0 57.0#

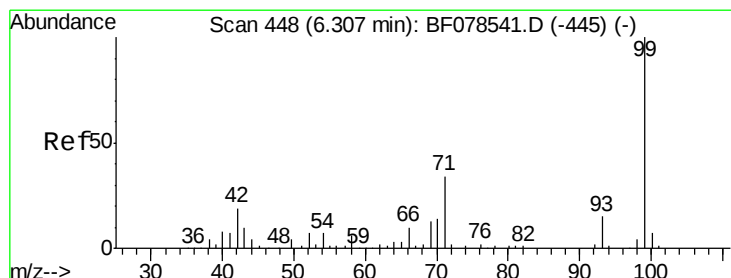
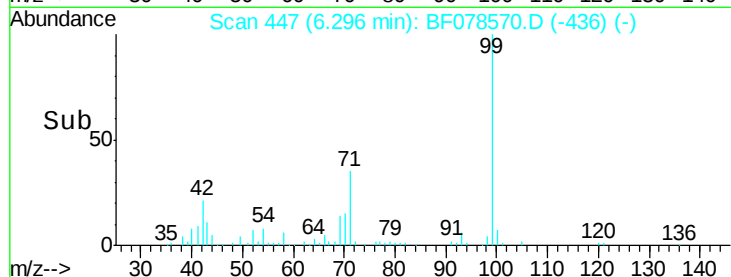
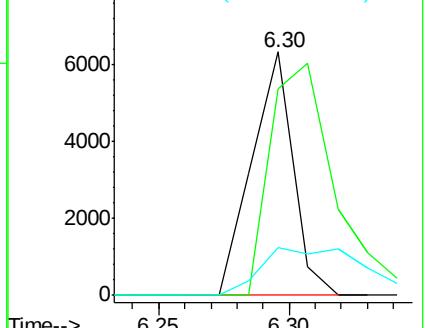
65 19.8 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 109.83 ng

RT: 6.31 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

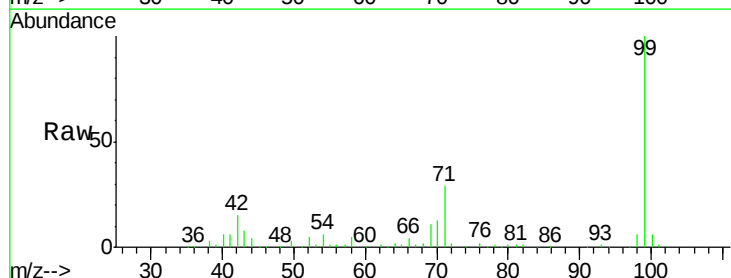
Tgt Ion: 99 Resp: 194248

Ion Ratio Lower Upper

99 100

42 14.8 14.8 22.2#

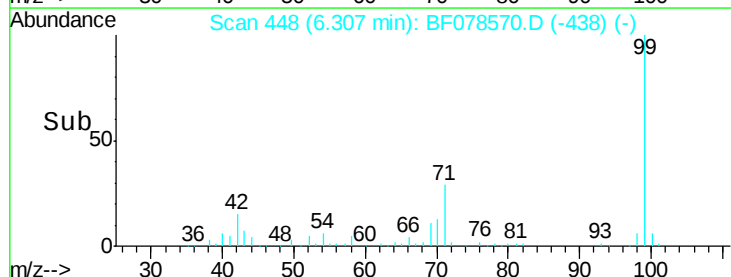
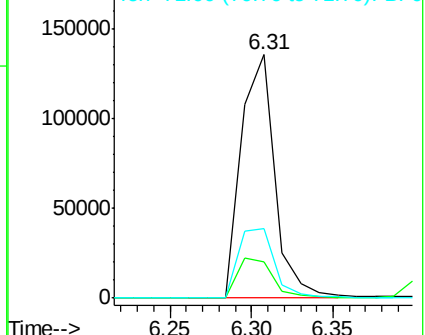
71 28.8 26.6 39.8

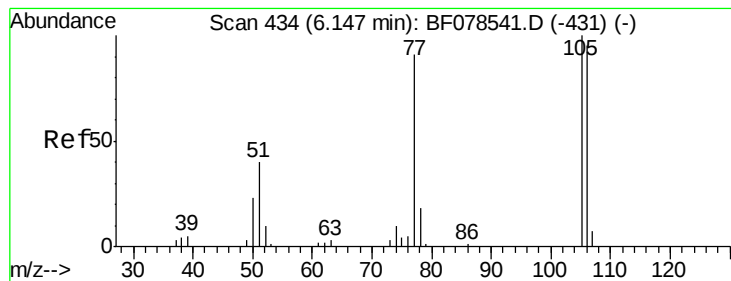


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.47 ng

RT: 6.12 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

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HS-SB05A

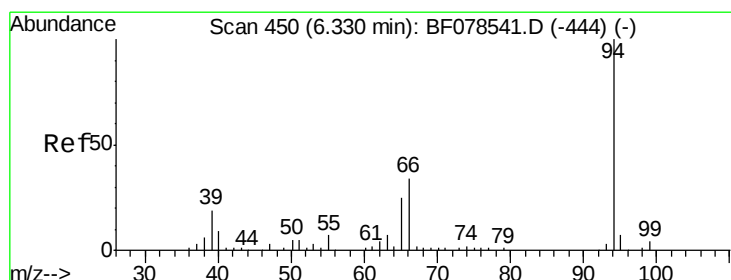
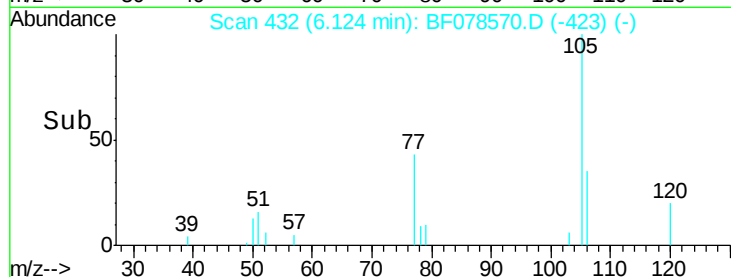
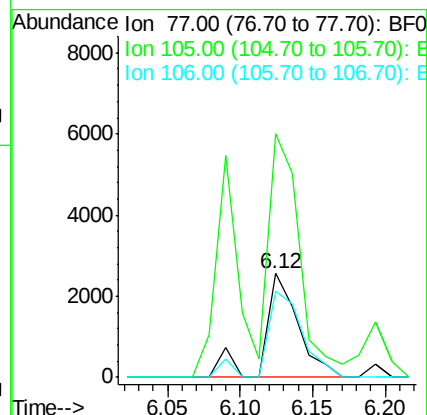
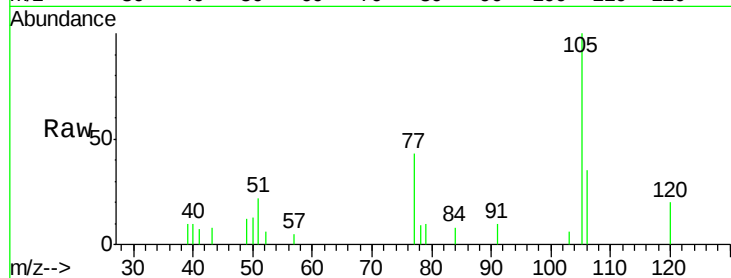
Tgt Ion: 77 Resp: 4063

Ion Ratio Lower Upper

77 100

105 234.5 85.4 125.4#

106 83.0 80.8 120.8



#10

Phenol

Concen: 3.04 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

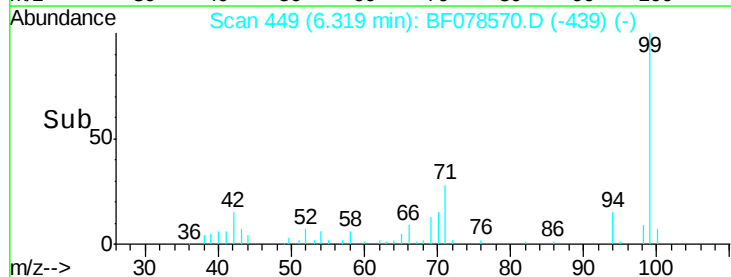
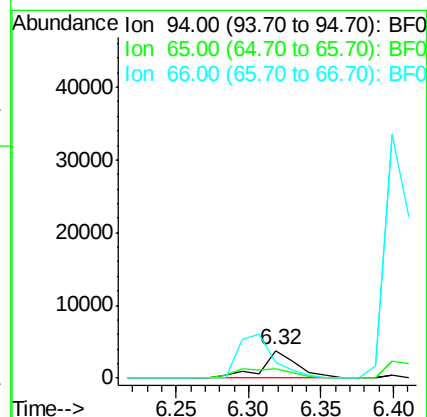
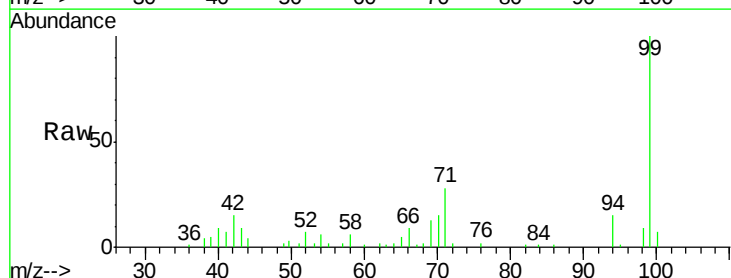
Tgt Ion: 94 Resp: 6442

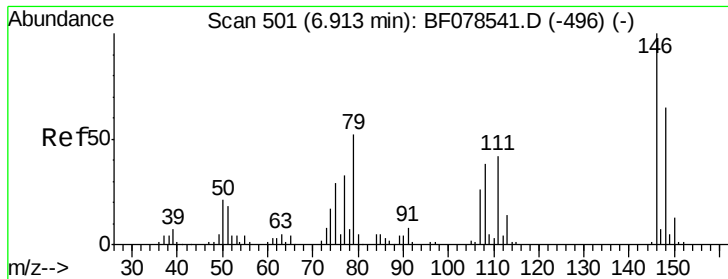
Ion Ratio Lower Upper

94 100

65 32.3 4.9 44.9

66 59.5 13.8 53.8#





#15

Benzyl Alcohol

Concen: 2.98 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

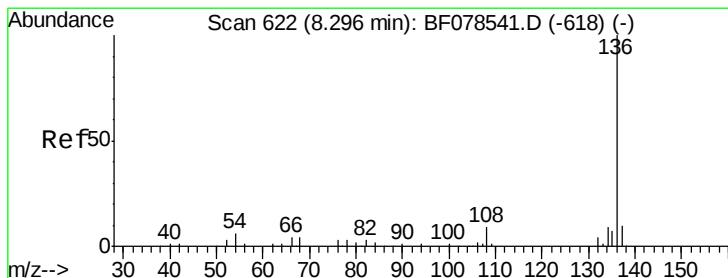
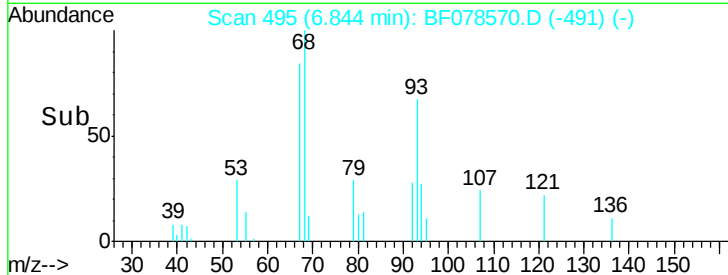
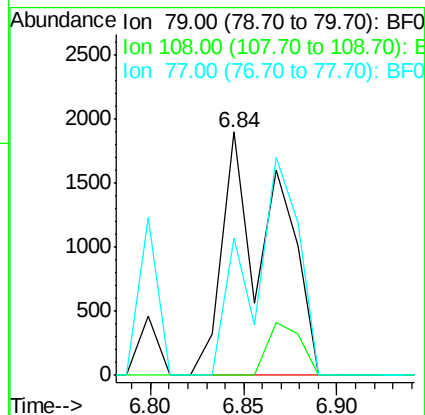
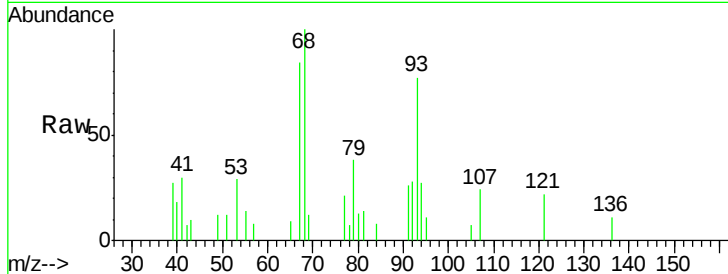
BNA_F

ClientSampleId :

HS-SB05A

Tgt Ion: 79 Resp: 3708

Ion	Ratio	Lower	Upper
79	100		
108	0.0	57.6	86.4#
77	56.3	53.5	80.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 620

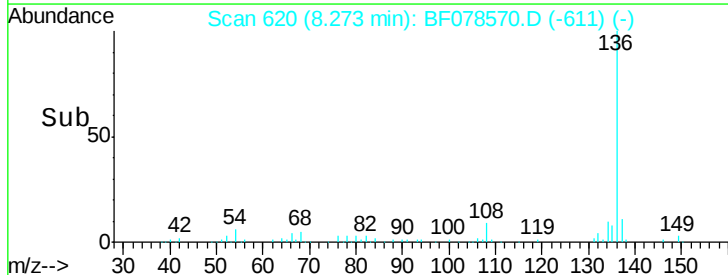
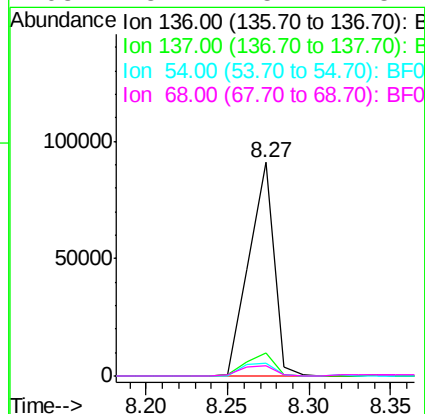
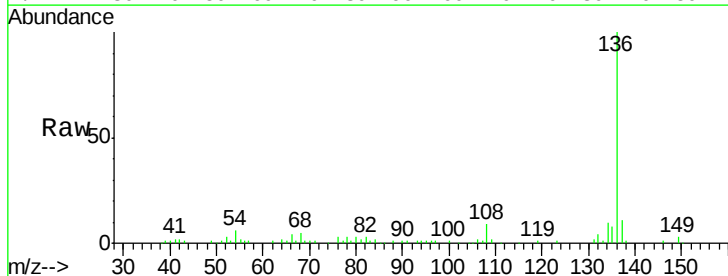
Delta R.T. -0.00 min

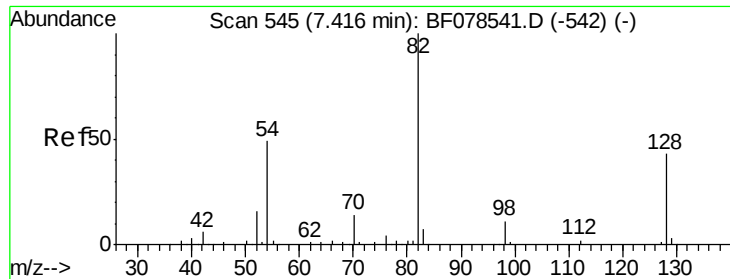
Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Tgt Ion: 136 Resp: 97027

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.9	7.0	10.6#
68	5.1	5.4	8.2#

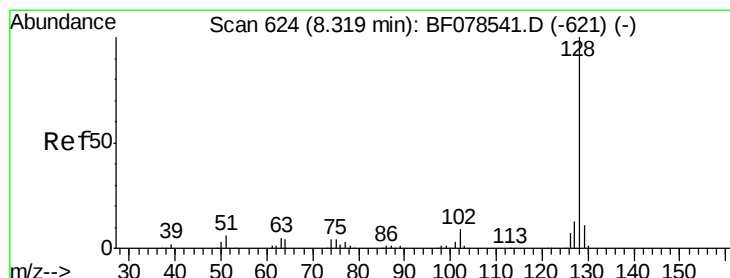
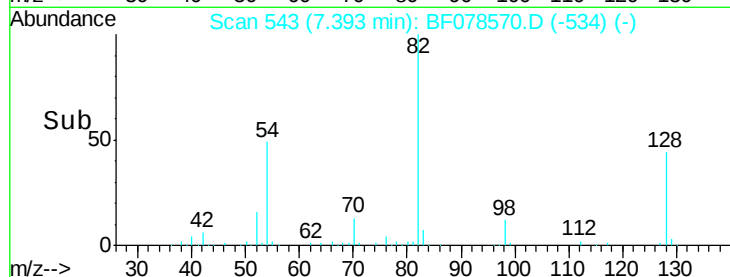
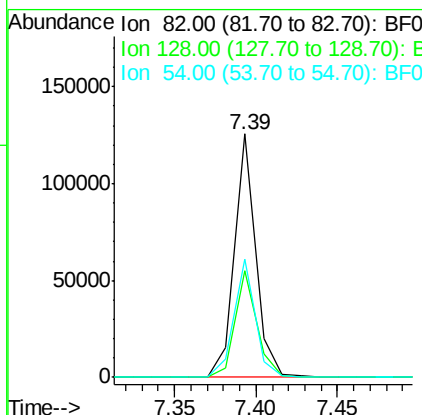
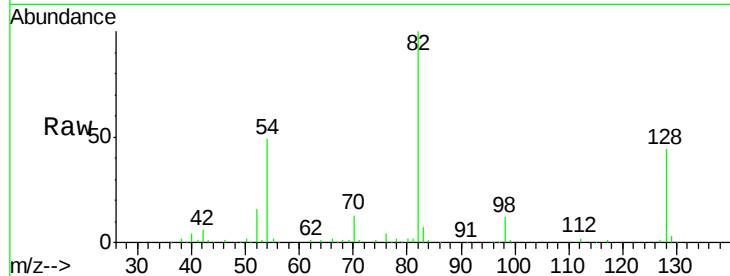




#23
Nitrobenzene-d5
Concen: 70.27 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

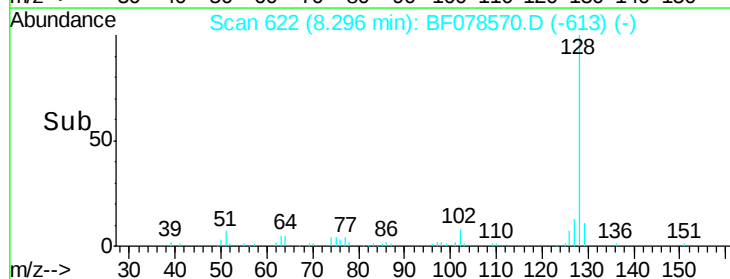
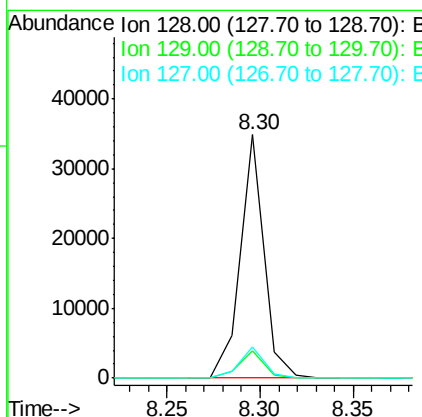
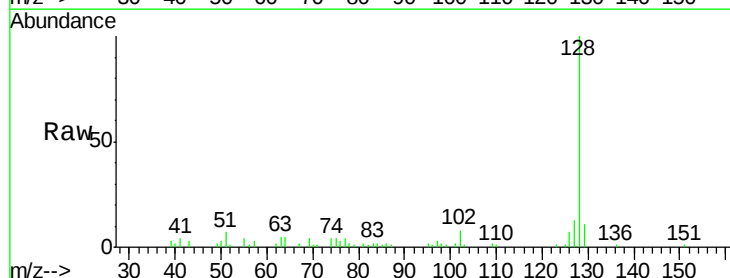
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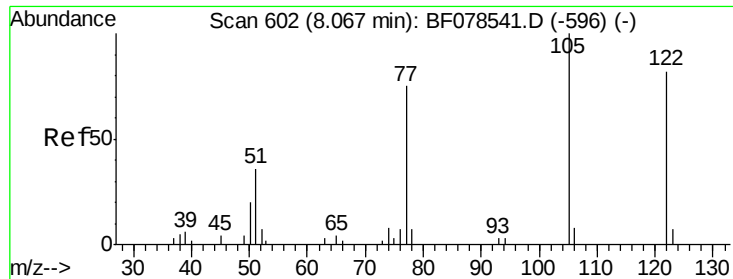
Tgt Ion: 82 Resp: 112491
Ion Ratio Lower Upper
82 100
128 43.7 31.8 47.8
54 48.8 41.5 62.3



#31
Naphthalene
Concen: 6.14 ng
RT: 8.30 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion: 128 Resp: 31001
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.9 10.7 16.1

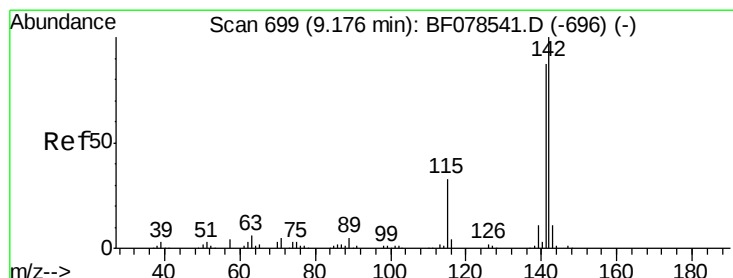
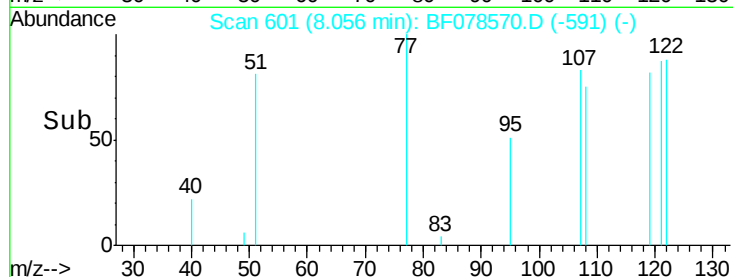
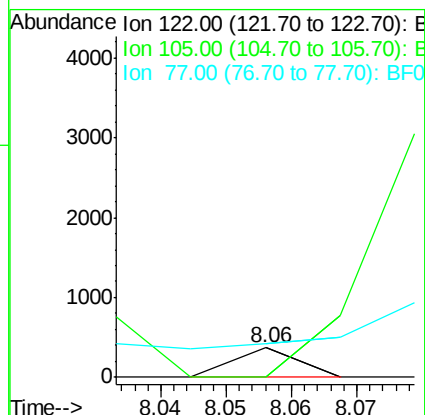
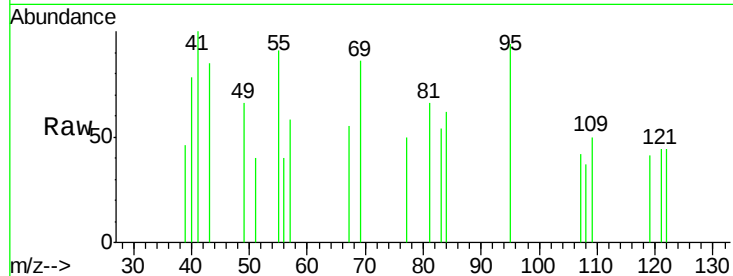




#32
Benzoic acid
Concen: 6.11 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.01 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

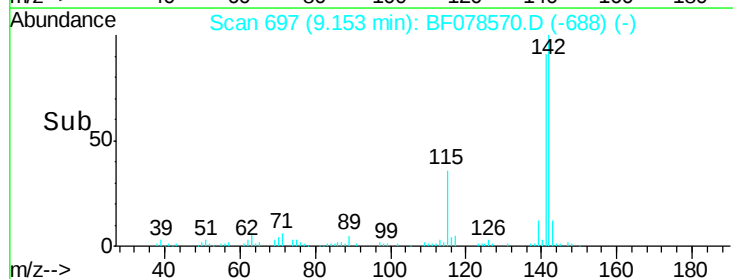
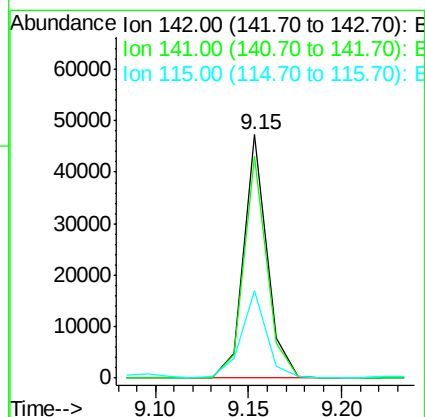
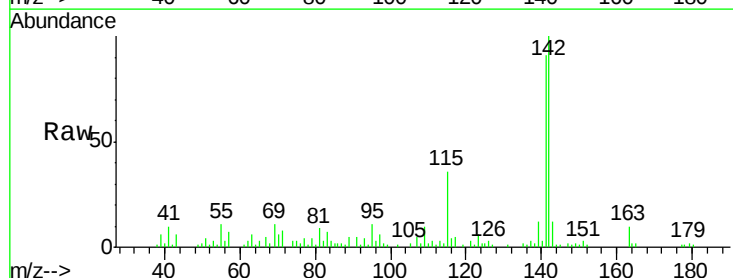
Instrument :
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ClientSampleId :
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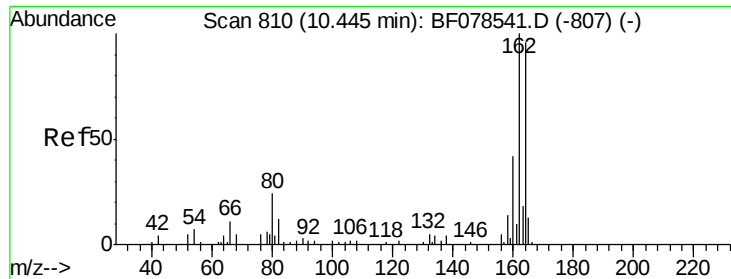
Tgt Ion:122 Resp: 252
Ion Ratio Lower Upper
122 100
105 0.0 96.1 136.1#
77 113.6 64.1 104.1#



#37
2-Methylnaphthalene
Concen: 12.09 ng
RT: 9.15 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion:142 Resp: 41444
Ion Ratio Lower Upper
142 100
141 90.9 70.3 105.5
115 36.1 24.6 37.0

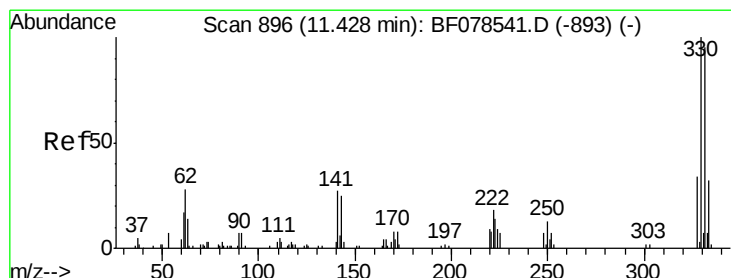
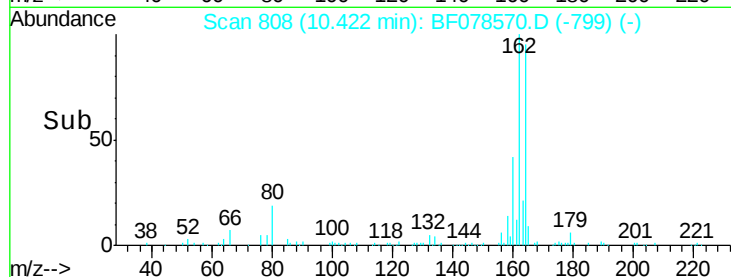
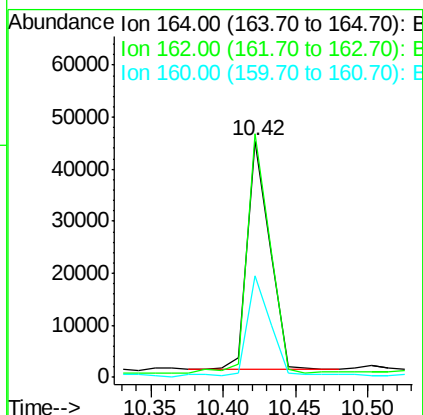
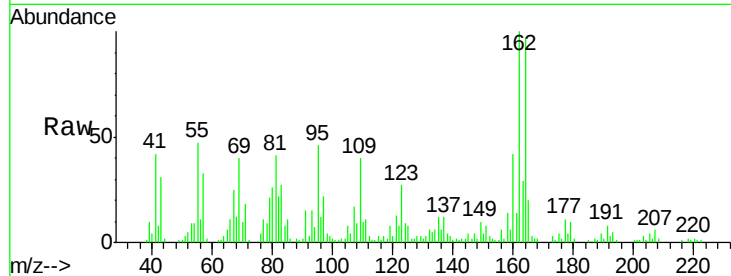




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

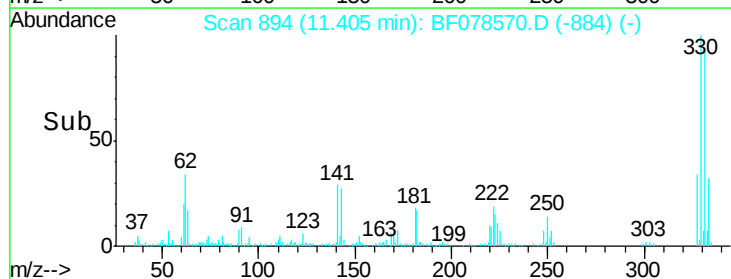
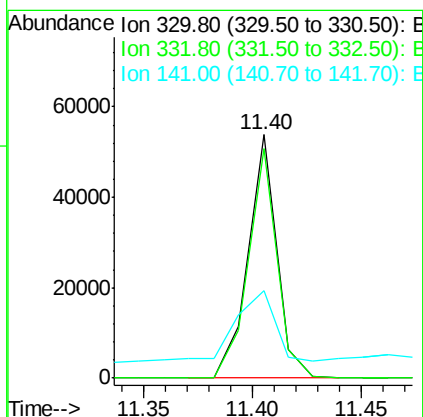
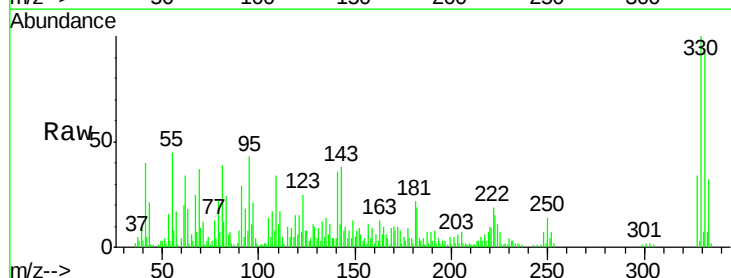
Instrument :
BNA_F
ClientSampleId :
HS-SB05A

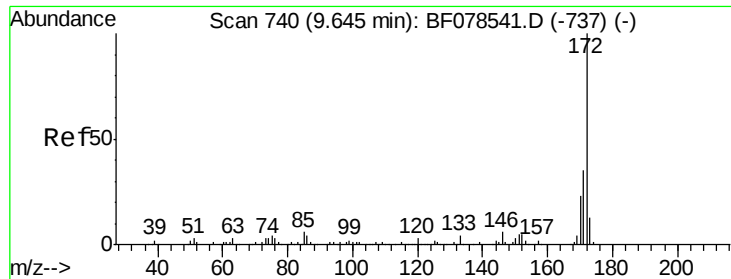
Tgt Ion:164 Resp: 47973
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 43.0 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 123.98 ng
RT: 11.40 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion:330 Resp: 49327
Ion Ratio Lower Upper
330 100
332 94.7 78.6 117.8
141 41.2 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 68.76 ng

RT: 9.62 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

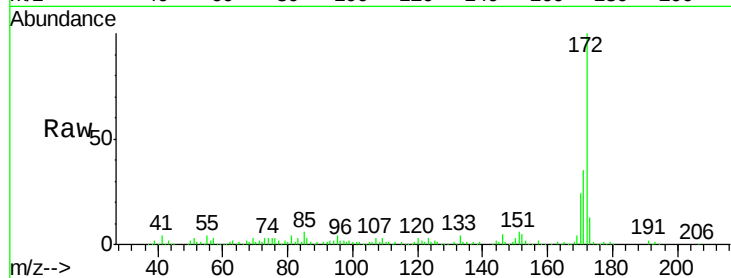
Tgt Ion:172 Resp: 230781

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

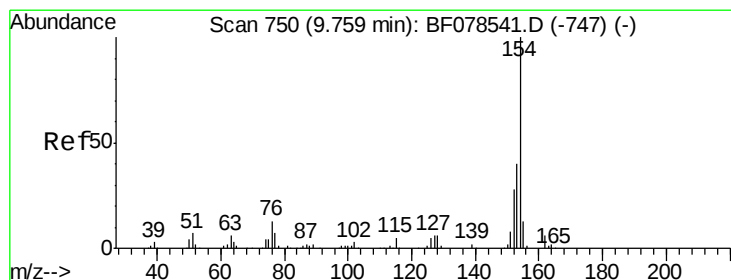
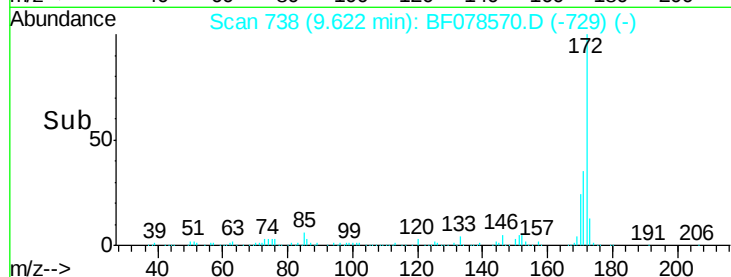
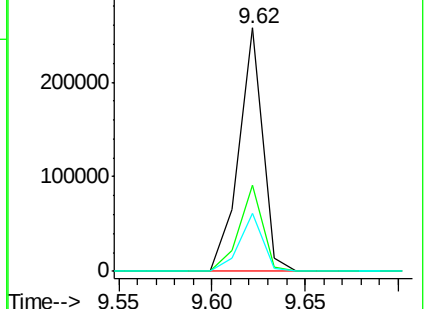
170 23.9 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 3.54 ng

RT: 9.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

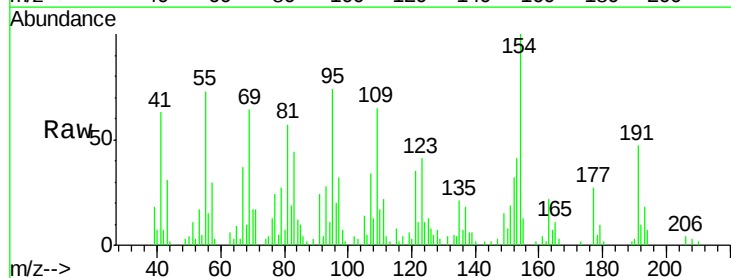
Tgt Ion:154 Resp: 13900

Ion Ratio Lower Upper

154 100

153 41.0 20.0 60.0

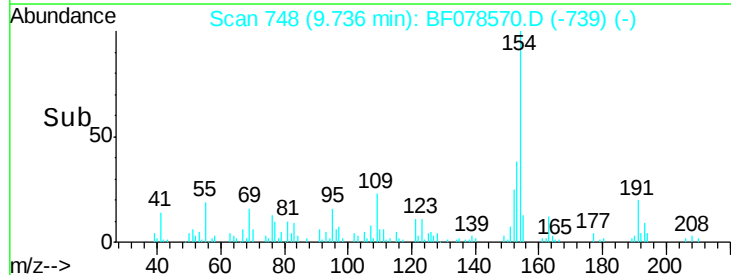
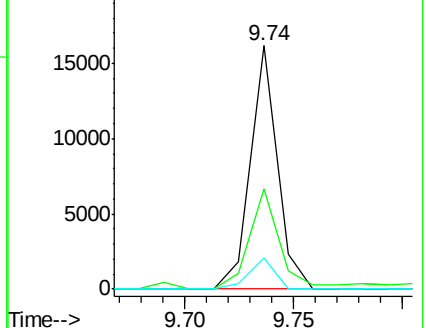
76 12.7 0.0 30.6

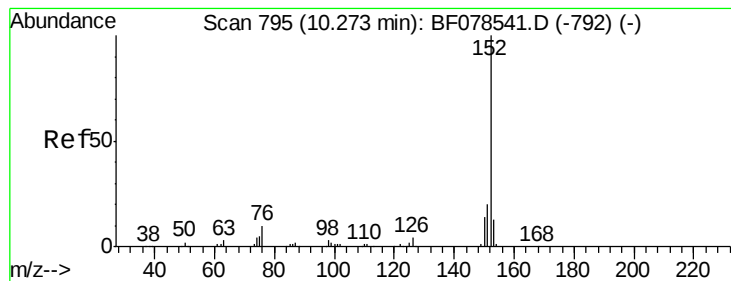


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 4.04 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

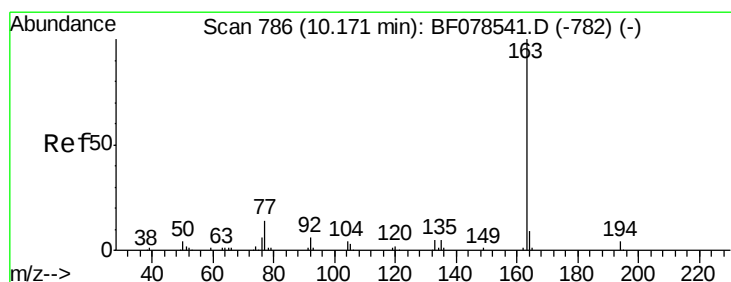
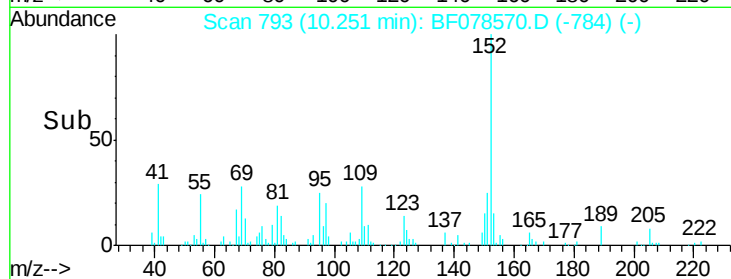
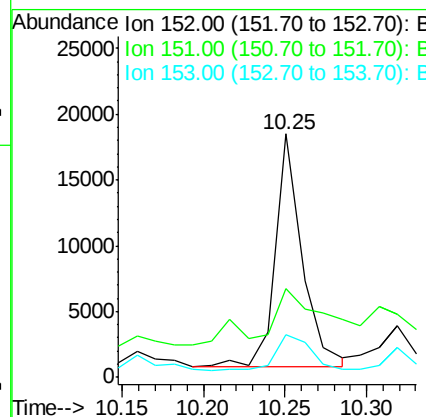
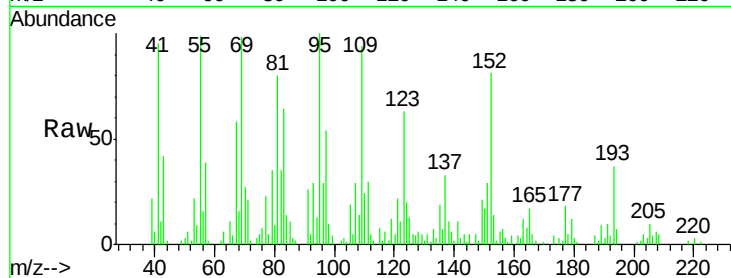
Tgt Ion:152 Resp: 20161

Ion Ratio Lower Upper

152 100

151 36.4 15.7 23.5#

153 17.6 10.2 15.2#



#49

Dimethylphthalate

Concen: 5.48 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

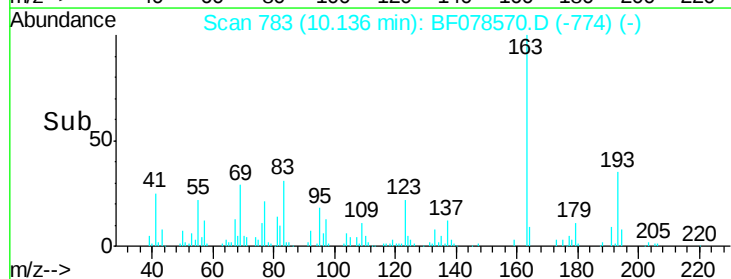
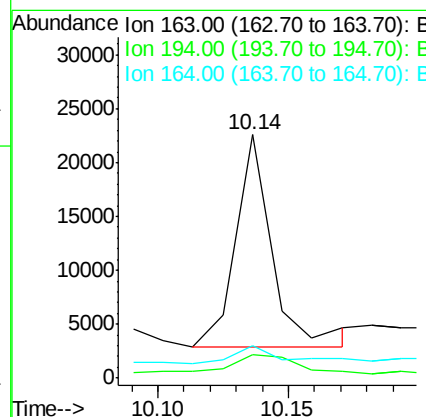
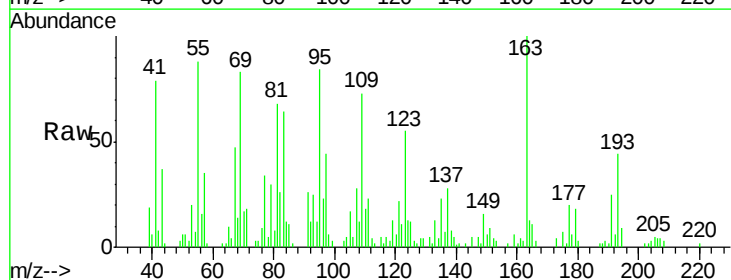
Tgt Ion:163 Resp: 19754

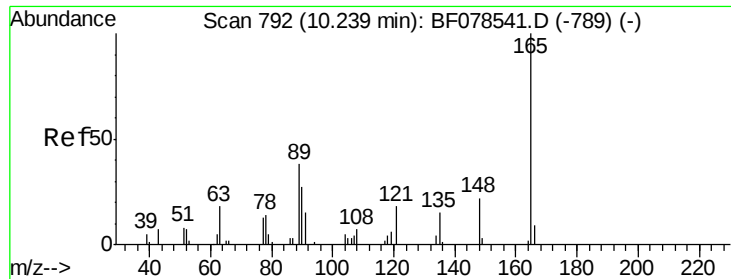
Ion Ratio Lower Upper

163 100

194 9.4 2.3 3.5#

164 13.4 8.6 13.0#

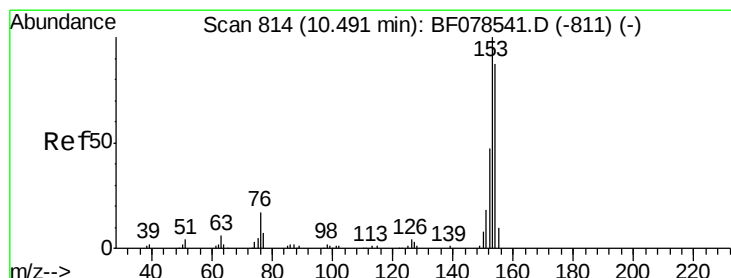
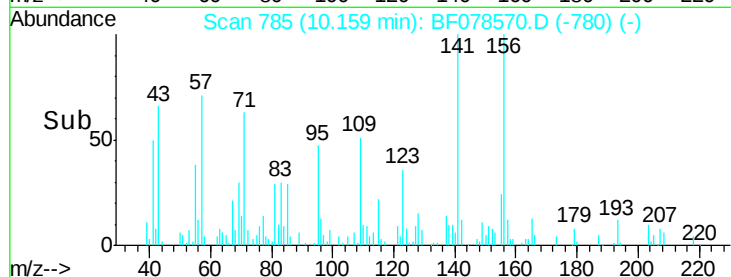
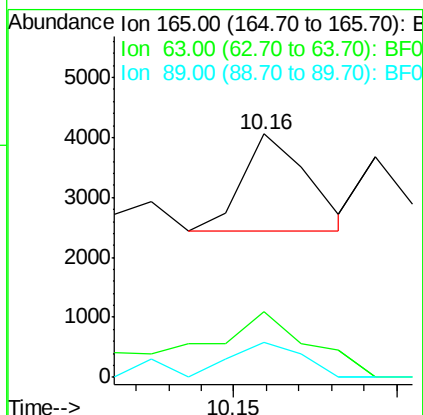
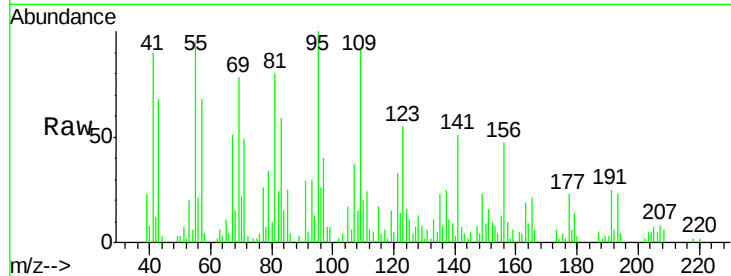




#50
2,6-Dinitrotoluene
Concen: 3.04 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

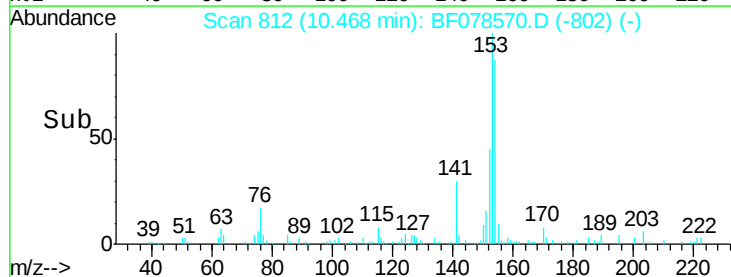
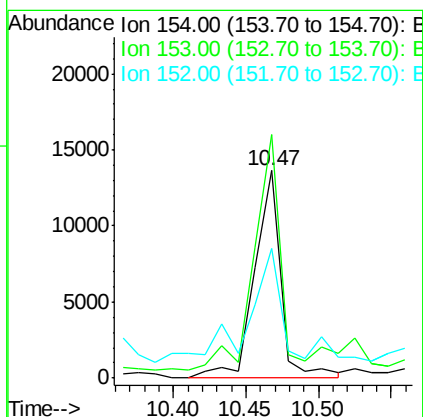
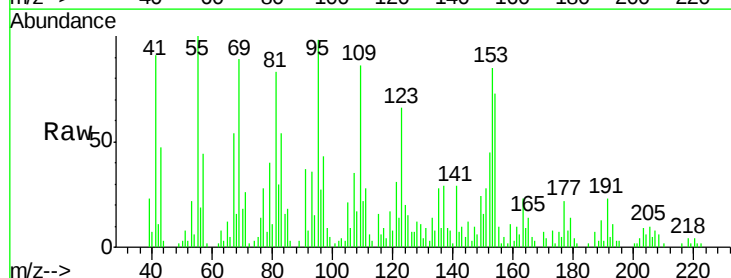
Instrument :
BNA_F
ClientSampleId :
HS-SB05A

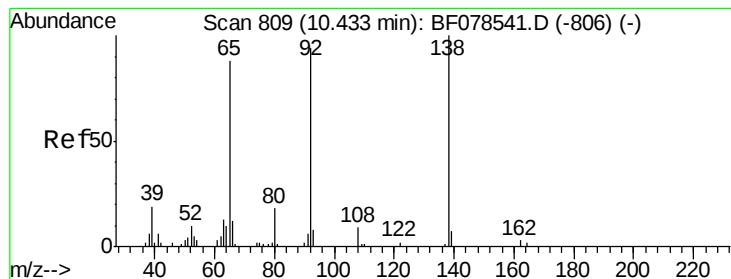
Tgt Ion:165 Resp: 2251
Ion Ratio Lower Upper
165 100
63 26.9 24.1 36.1
89 14.2 28.9 43.3#



#51
Acenaphthene
Concen: 6.14 ng
RT: 10.47 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion:154 Resp: 17231
Ion Ratio Lower Upper
154 100
153 117.4 91.4 137.2
152 62.6 43.0 64.6





#52

3-Nitroaniline

Concen: 3.12 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

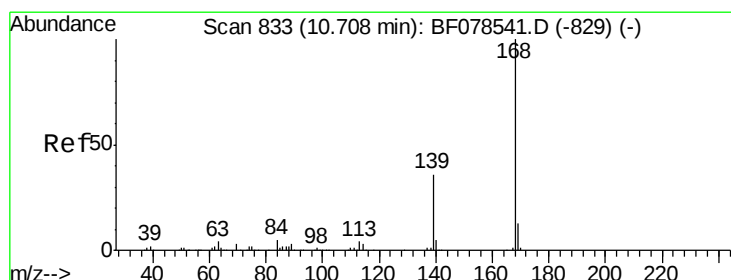
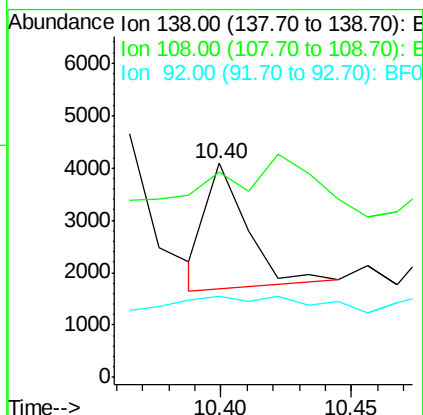
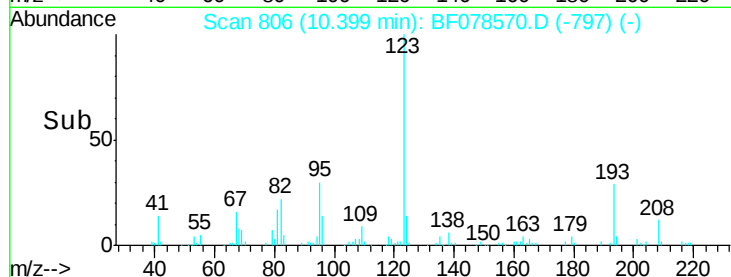
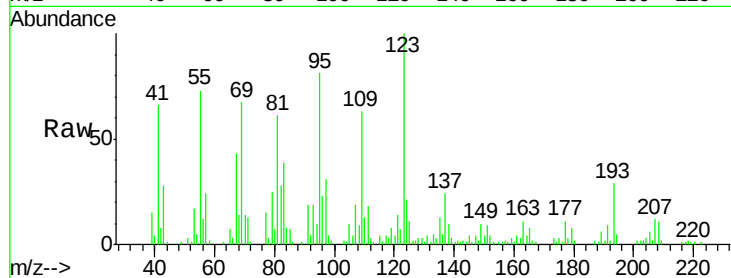
Tgt Ion:138 Resp: 2634

Ion Ratio Lower Upper

138 100

108 95.8 8.2 12.4#

92 38.0 88.4 132.6#



#54

Dibenzofuran

Concen: 5.30 ng

RT: 10.68 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

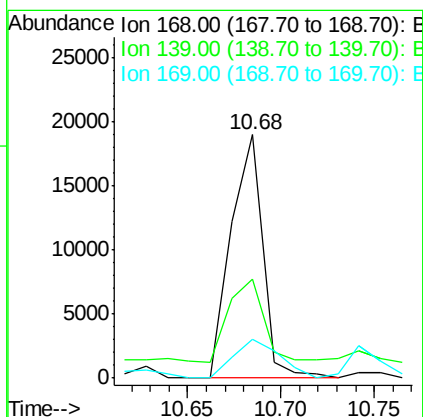
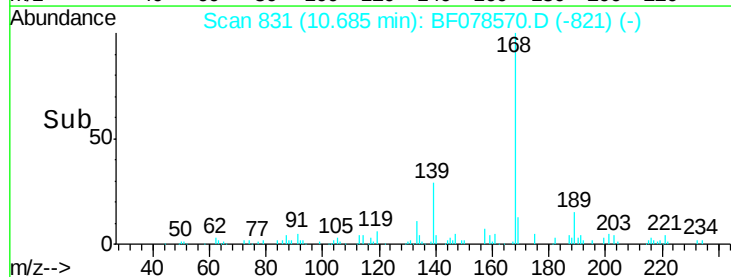
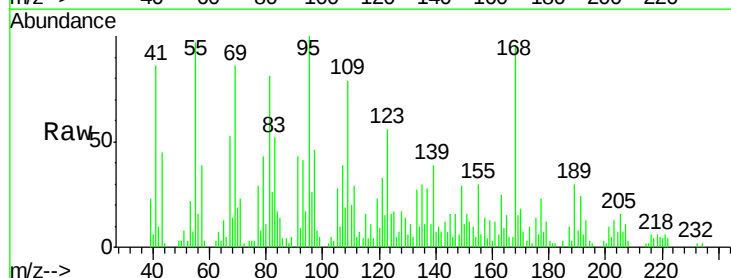
Tgt Ion:168 Resp: 22736

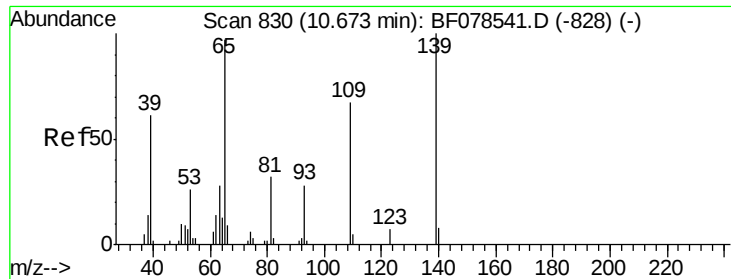
Ion Ratio Lower Upper

168 100

139 40.5 31.0 46.4

169 15.9 10.7 16.1

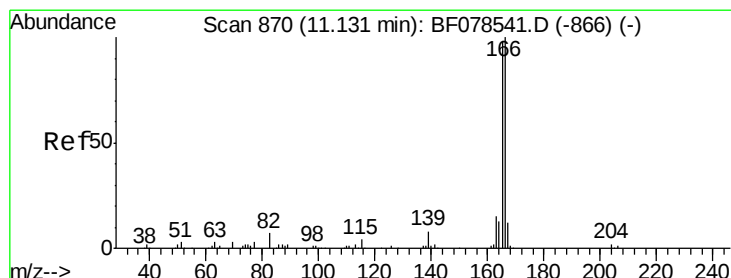
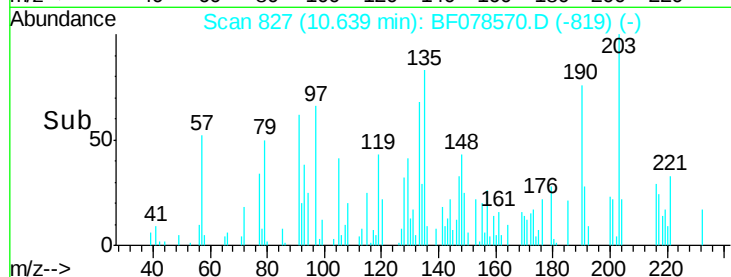
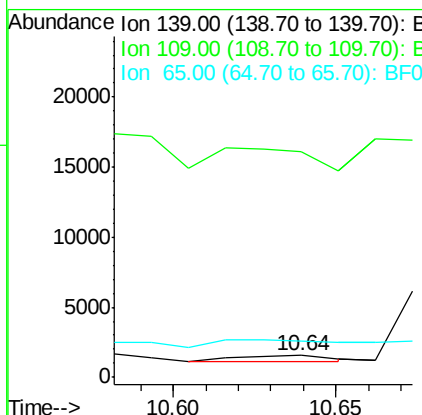
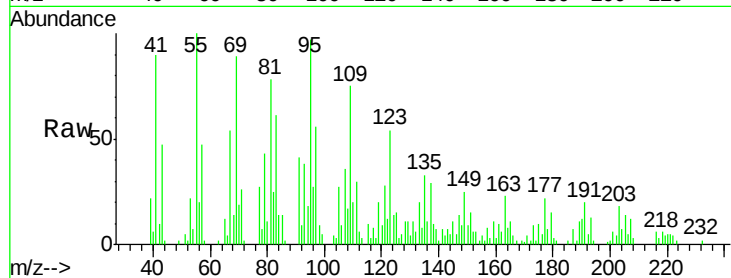




#55
4-Nitrophenol
Concen: 4.04 ng
RT: 10.64 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

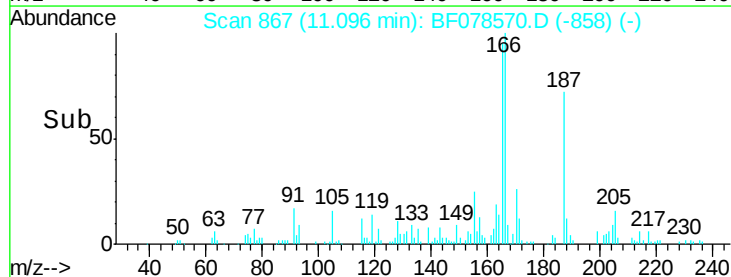
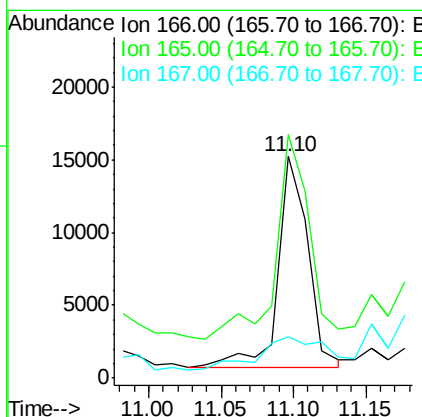
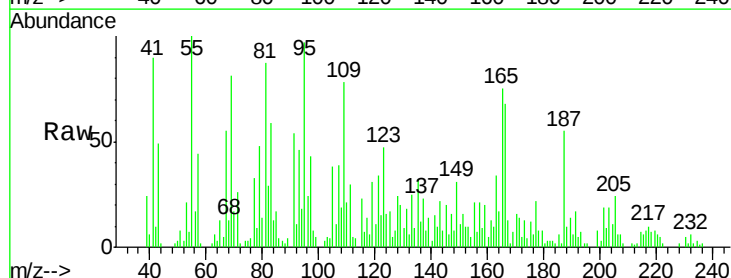
Instrument :
BNA_F
ClientSampleId :
HS-SB05A

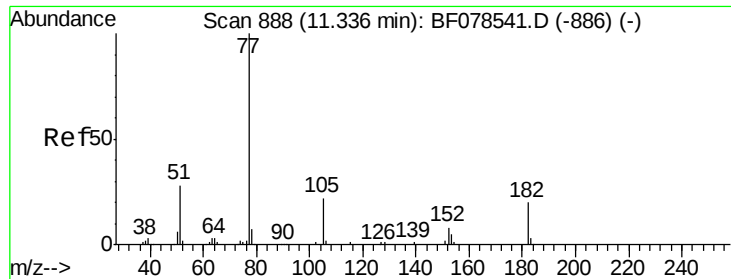
Tgt Ion:139 Resp: 820
Ion Ratio Lower Upper
139 100
109 1038.1 36.7 76.7#
65 165.1 49.9 89.9#



#57
Fluorene
Concen: 5.99 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion:166 Resp: 20814
Ion Ratio Lower Upper
166 100
165 109.9 78.9 118.3
167 18.9 10.7 16.1#





#62

Azobenzene

Concen: 5.14 ng

RT: 11.32 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

Tgt Ion: 77 Resp: 16315

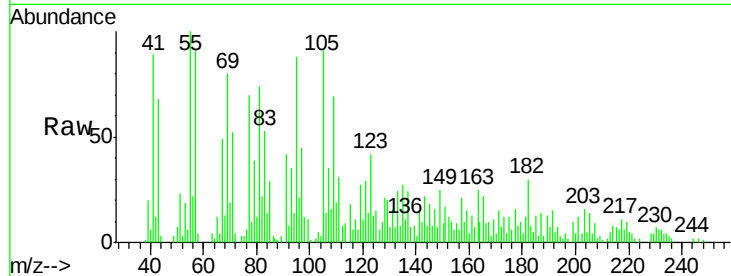
Ion Ratio Lower Upper

77 100

182 42.8 0.0 36.8#

105 129.8 0.3 40.3#

51 32.6 9.1 49.1

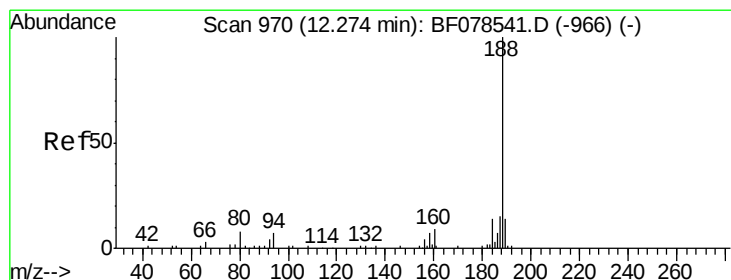
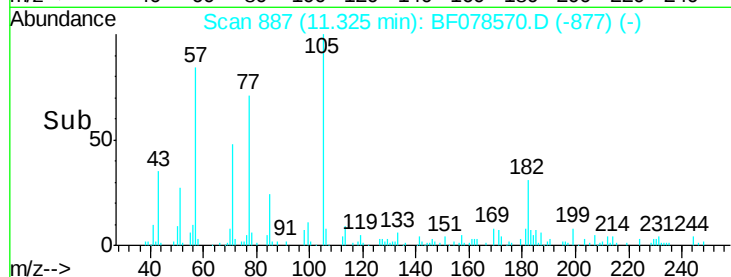
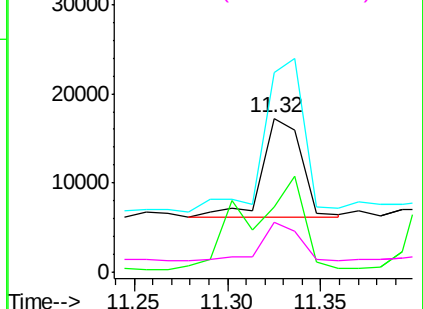


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.25 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

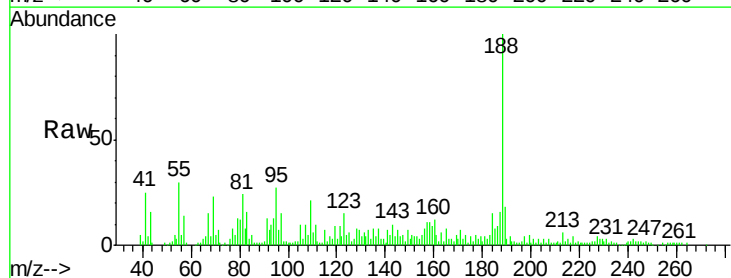
Tgt Ion: 188 Resp: 88758

Ion Ratio Lower Upper

188 100

94 12.6 9.0 13.4

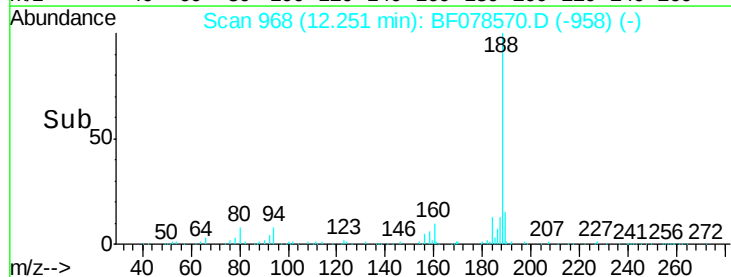
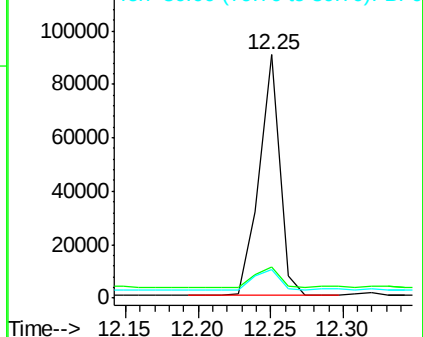
80 11.6 9.5 14.3

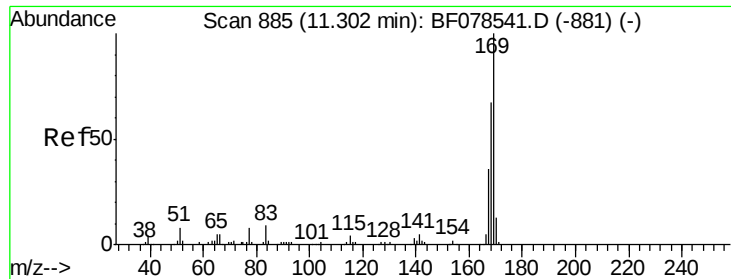


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

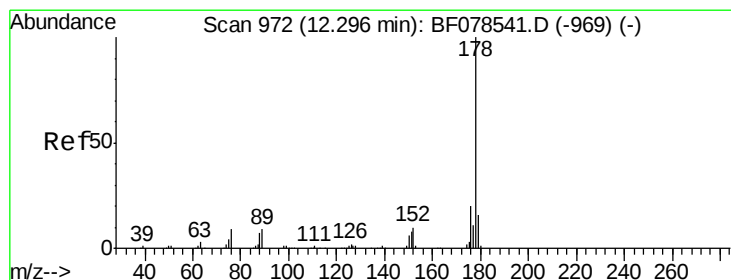
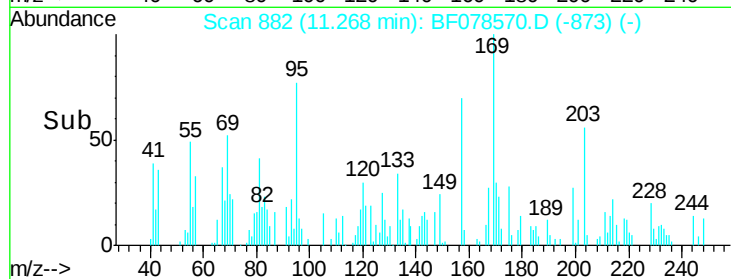
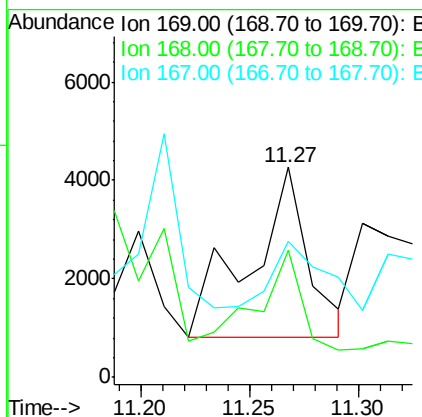
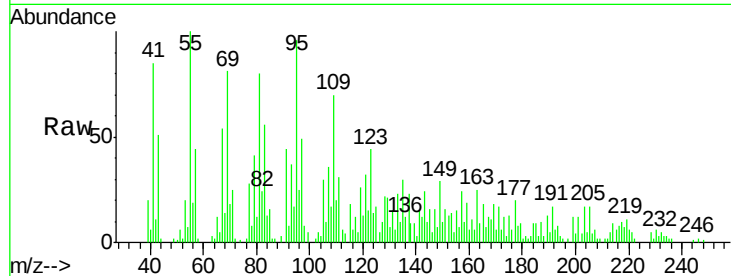




#65
n-Nitrosodiphenylamine
Concen: 2.12 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

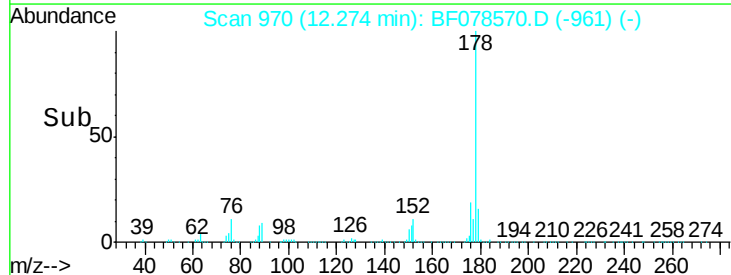
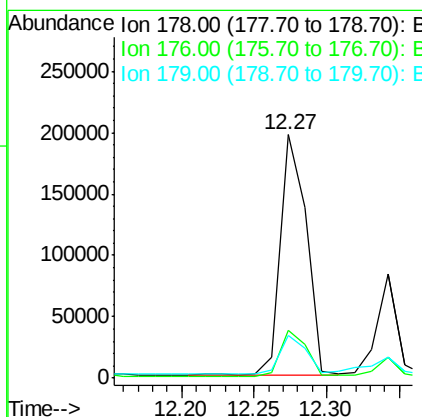
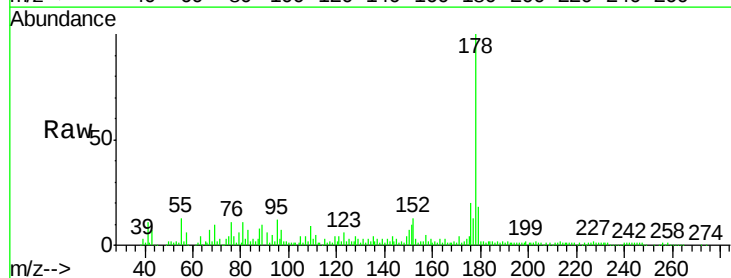
Instrument :
BNA_F
ClientSampleId :
HS-SB05A

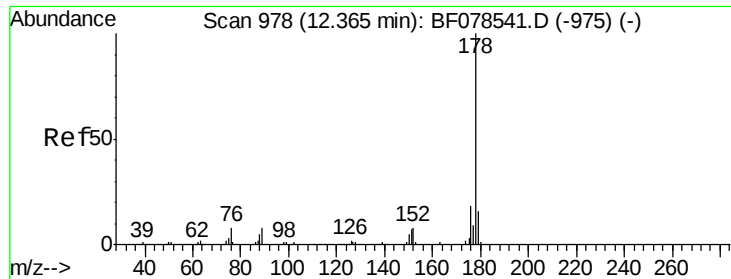
Tgt Ion:169 Resp: 6523
Ion Ratio Lower Upper
169 100
168 60.3 55.0 82.4
167 64.8 29.3 43.9#



#70
Phenanthrene
Concen: 46.79 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion:178 Resp: 240249
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 17.7 12.2 18.2

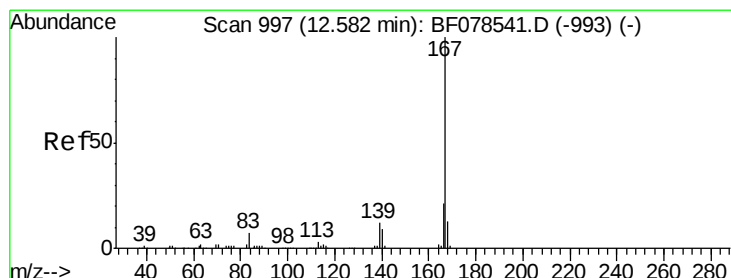
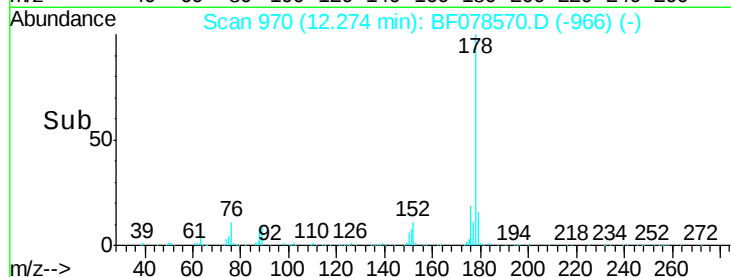
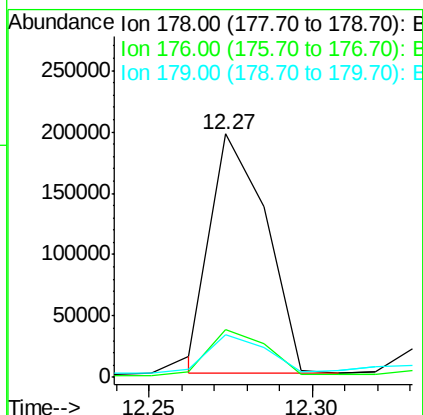
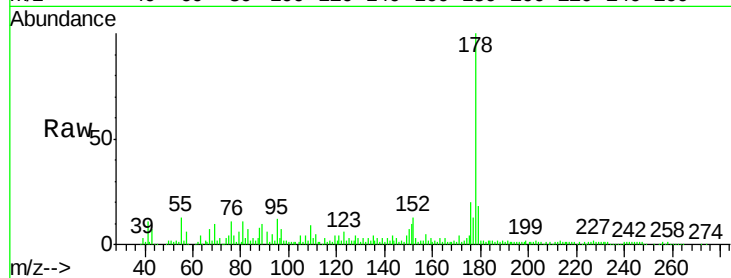




#71
 Anthracene
 Concen: 45.00 ng
 RT: 12.27 min Scan# 970
 Delta R.T. -0.06 min
 Lab File: BF078570.D
 Acq: 16 Apr 2015 17:25

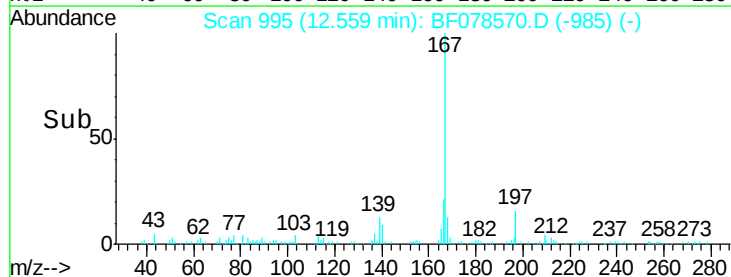
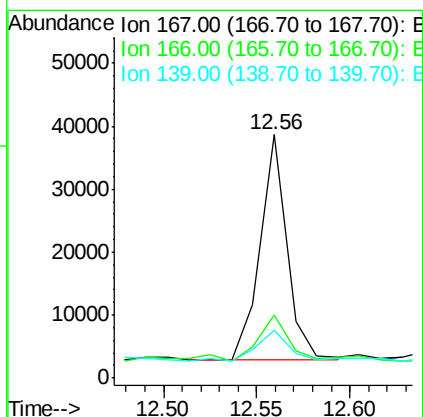
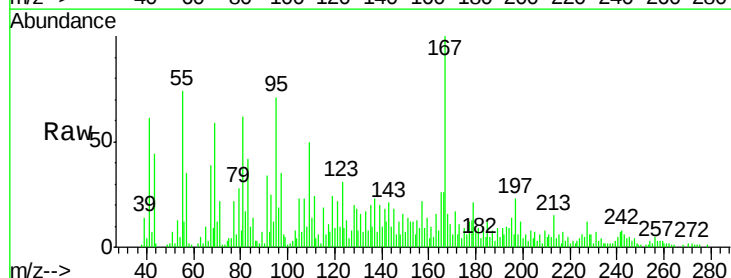
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB05A

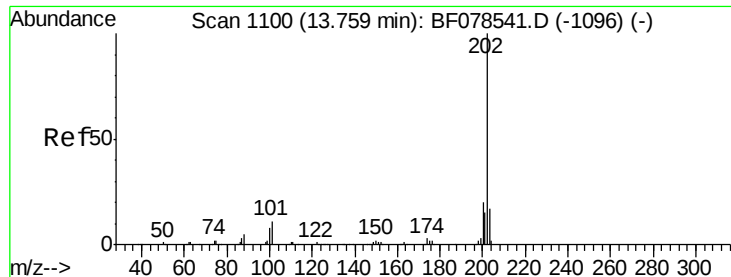
Tgt Ion:178 Resp: 227680
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.8 22.2
 179 17.7 12.4 18.6



#72
 Carbazole
 Concen: 7.43 ng
 RT: 12.56 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF078570.D
 Acq: 16 Apr 2015 17:25

Tgt Ion:167 Resp: 35246
 Ion Ratio Lower Upper
 167 100
 166 25.7 16.8 25.2#
 139 19.7 10.0 15.0#





#74

Fluoranthene

Concen: 71.58 ng

RT: 13.75 min Scan# 1099

Delta R.T. 0.02 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

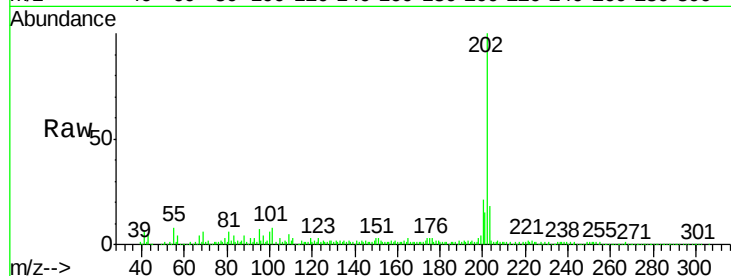
Tgt Ion:202 Resp: 387579

Ion Ratio Lower Upper

202 100

101 7.7 0.0 35.2

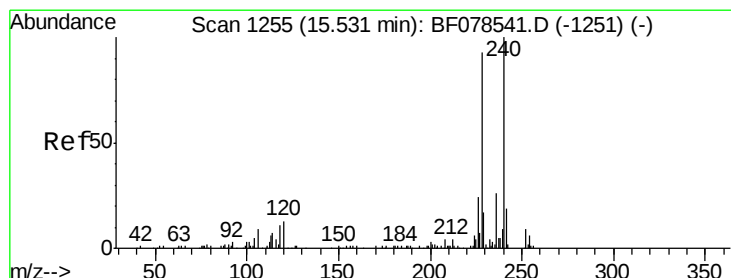
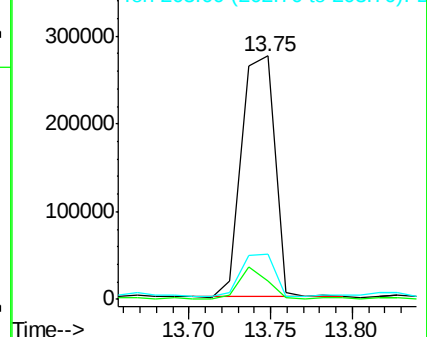
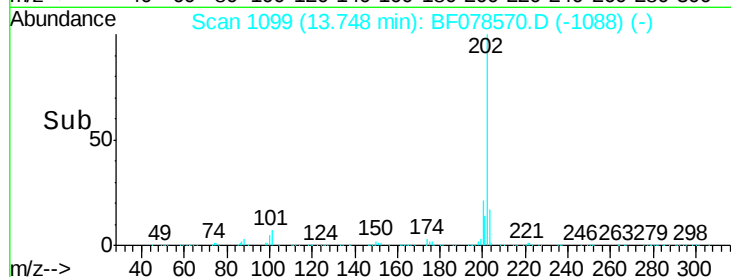
203 18.4 0.0 38.5



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: 15.51 min Scan# 1253

Delta R.T. 0.02 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

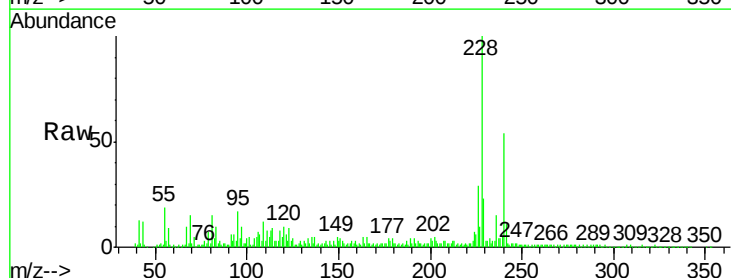
Tgt Ion:240 Resp: 98359

Ion Ratio Lower Upper

240 100

120 17.7 7.1 10.7#

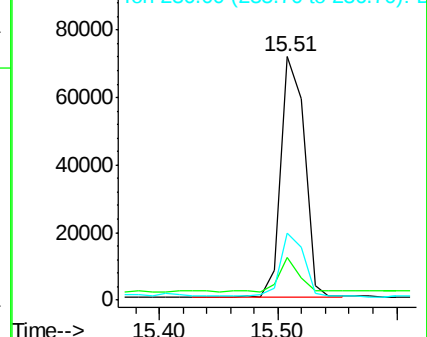
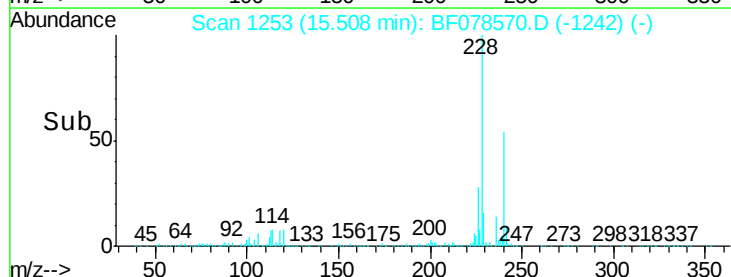
236 27.5 21.4 32.2

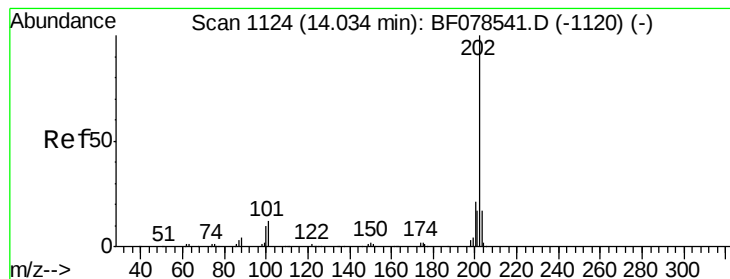


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 62.24 ng

RT: 14.01 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

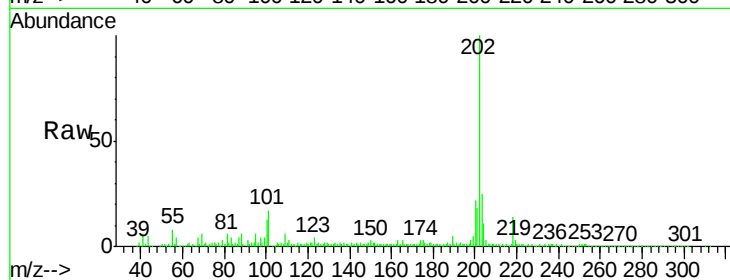
Tgt Ion:202 Resp: 384295

Ion Ratio Lower Upper

202 100

200 21.7 16.3 24.5

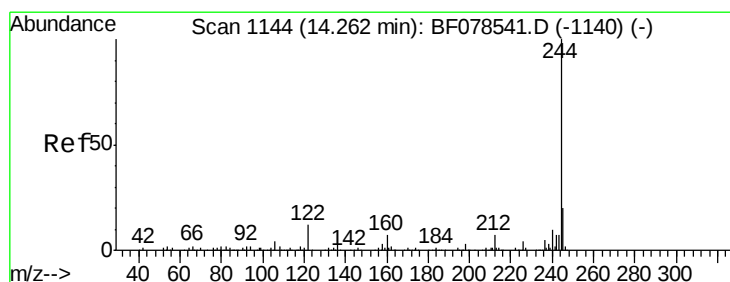
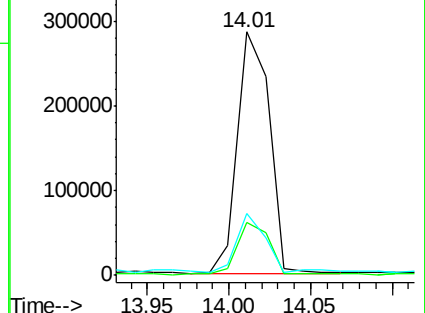
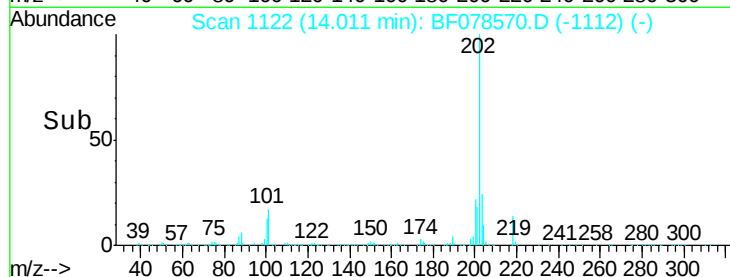
203 25.3 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.76 ng

RT: 14.24 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

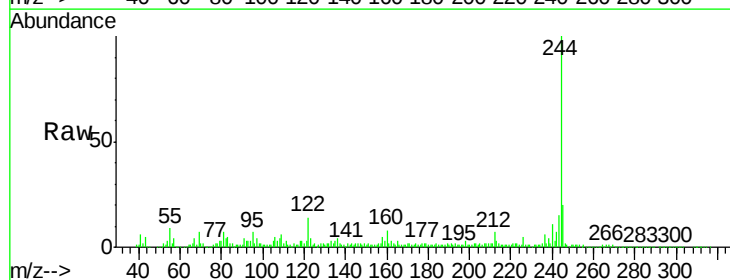
Tgt Ion:244 Resp: 255775

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

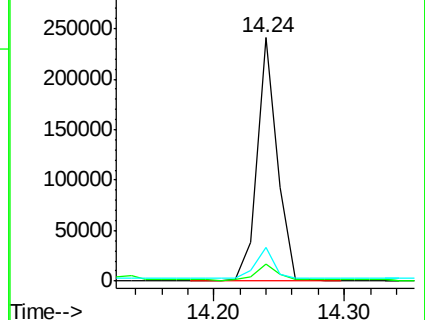
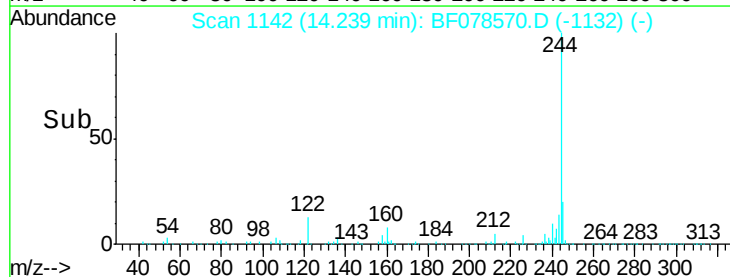
122 13.8 7.1 10.7#

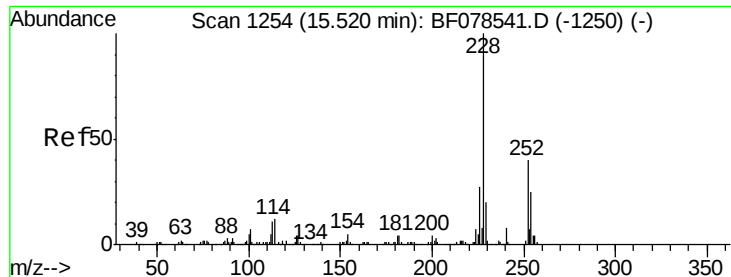


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 39.76 ng

RT: 15.50 min Scan# 1252

Delta R.T. 0.02 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

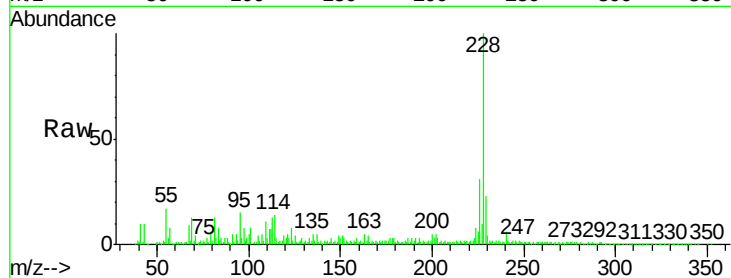
Tgt Ion:228 Resp: 232697

Ion Ratio Lower Upper

228 100

226 31.1 21.3 31.9

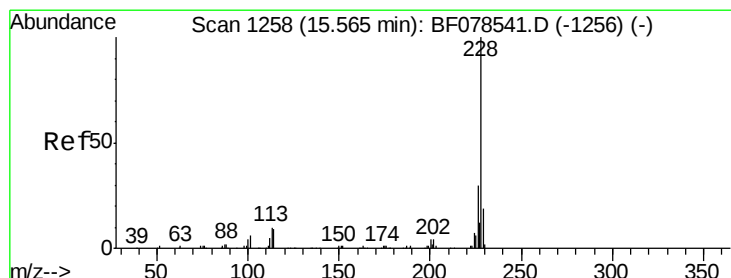
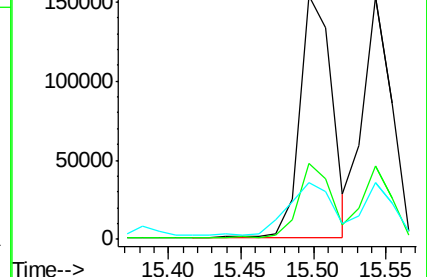
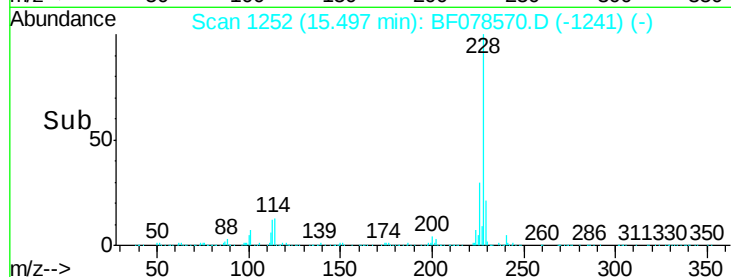
229 23.1 15.4 23.2



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: 37.01 ng

RT: 15.54 min Scan# 1256

Delta R.T. 0.02 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

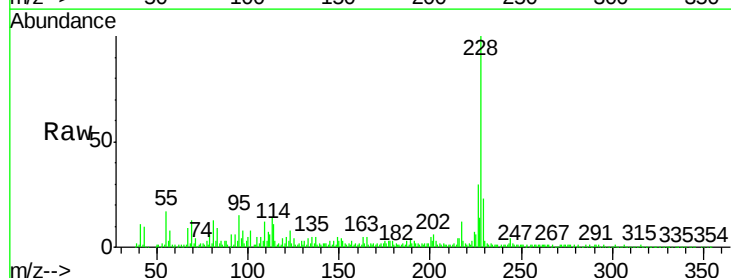
Tgt Ion:228 Resp: 203507

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

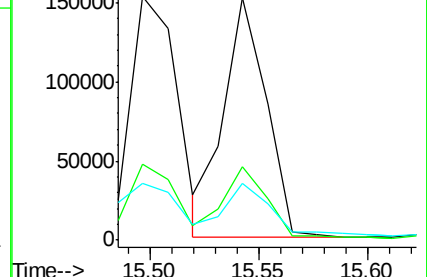
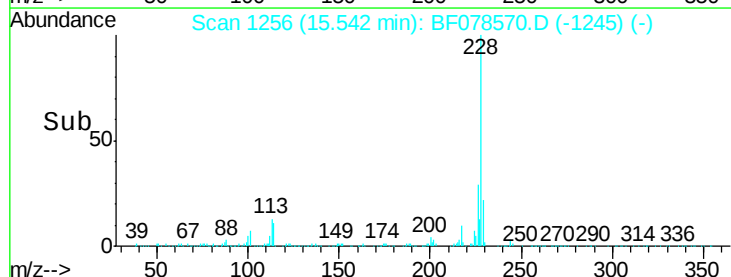
229 23.4 15.8 23.8

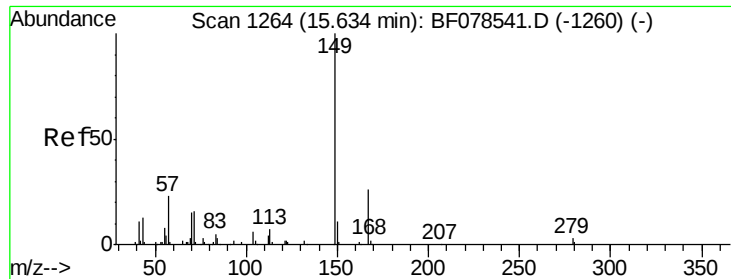


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

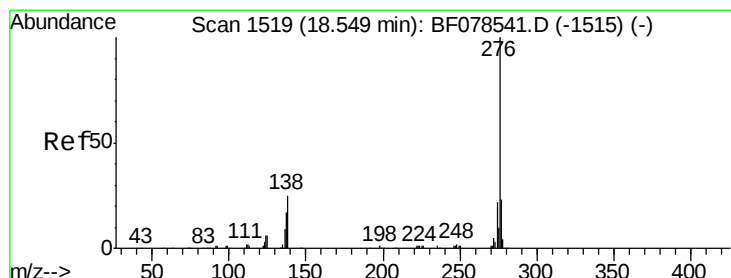
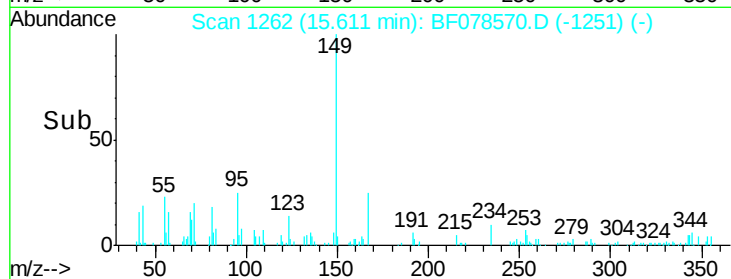
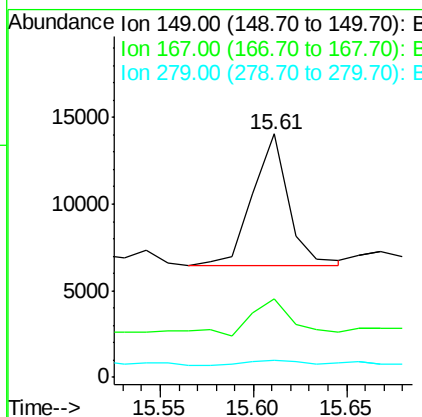
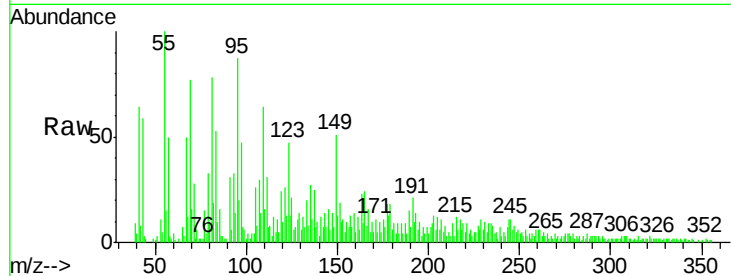




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.82 ng
 RT: 15.61 min Scan# 1262
 Delta R.T. 0.02 min
 Lab File: BF078570.D
 Acq: 16 Apr 2015 17:25

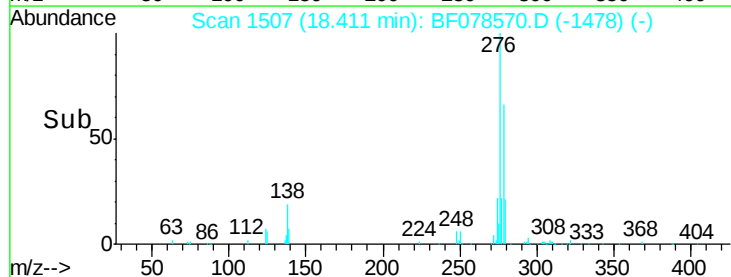
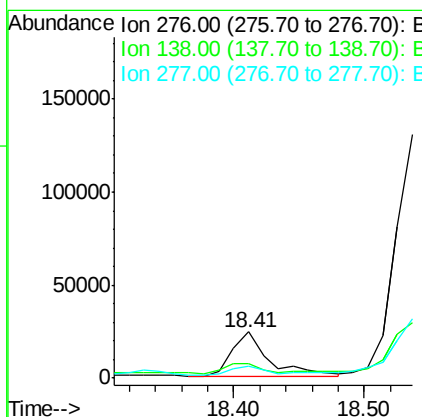
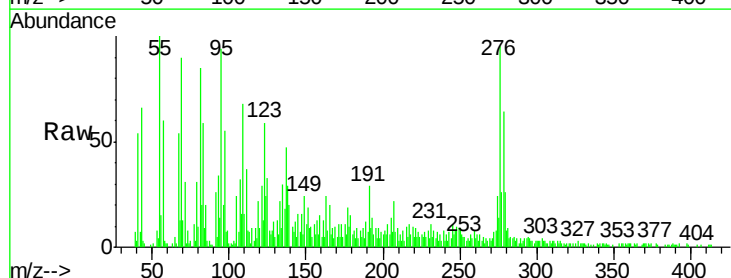
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB05A

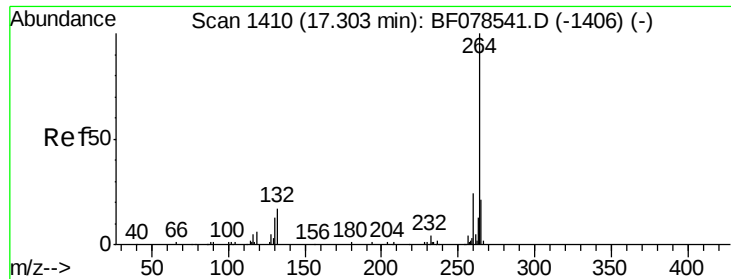
Tgt Ion:149 Resp: 10401
 Ion Ratio Lower Upper
 149 100
 167 32.1 22.2 33.2
 279 7.1 3.2 4.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.37 ng
 RT: 18.41 min Scan# 1507
 Delta R.T. 0.03 min
 Lab File: BF078570.D
 Acq: 16 Apr 2015 17:25

Tgt Ion:276 Resp: 46011
 Ion Ratio Lower Upper
 276 100
 138 22.2 16.9 25.3
 277 20.9 15.8 23.6



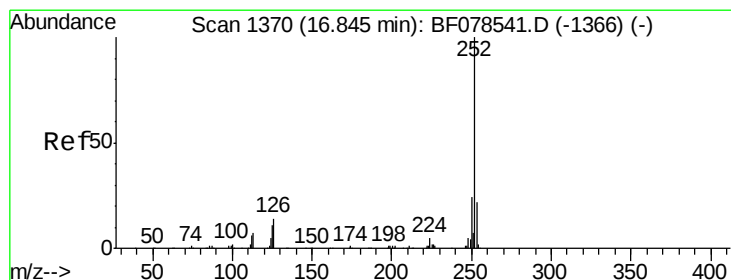
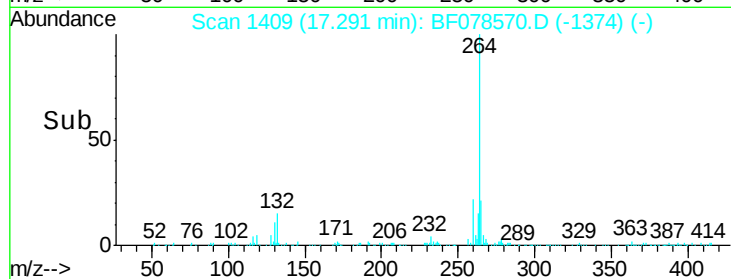
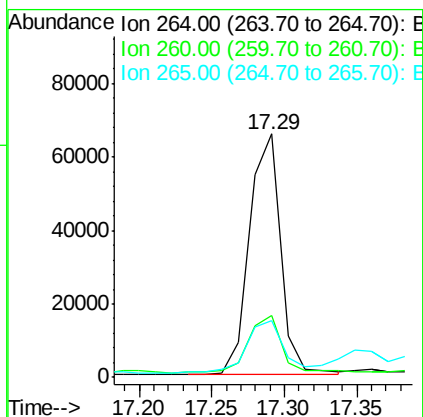
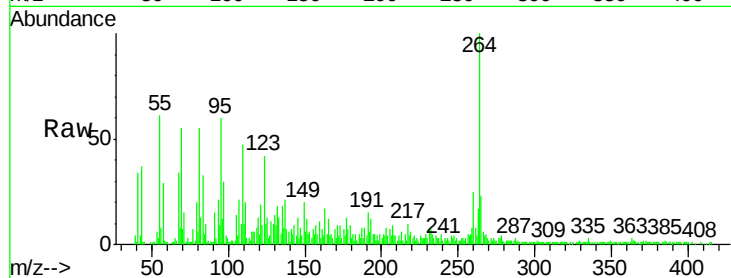


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.29 min Scan# 1409
Delta R.T. 0.10 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Instrument :
BNA_F
ClientSampleId :
HS-SB05A

Tgt Ion: 264 Resp: 98813

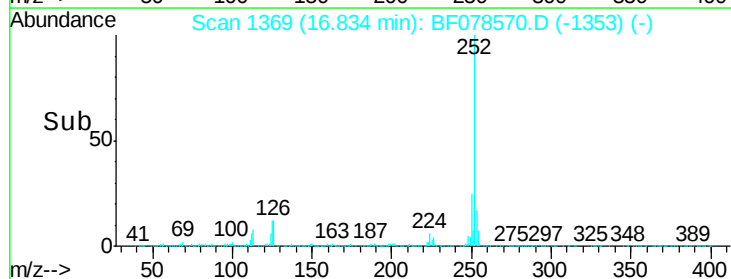
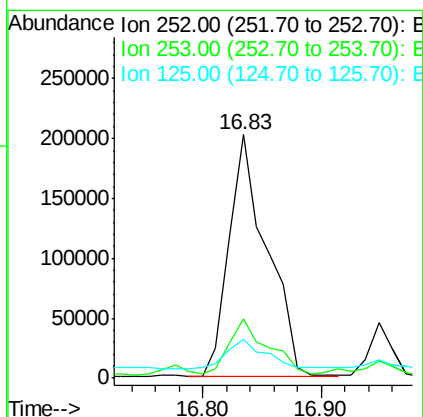
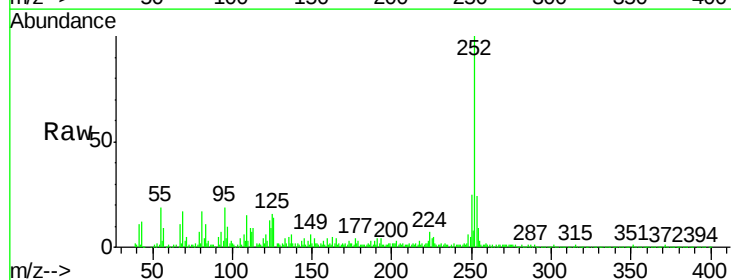
Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	27.8
265	23.4	17.0	25.6

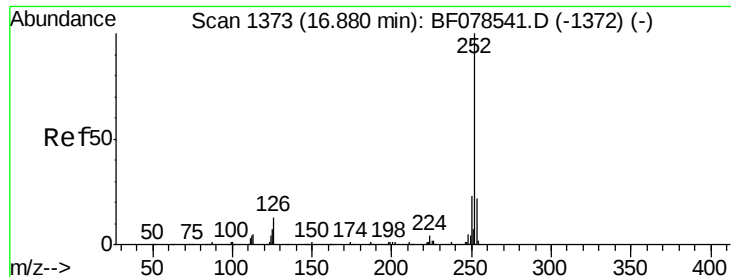


#87
Benzo(b)fluoranthene
Concen: 73.35 ng
RT: 16.83 min Scan# 1369
Delta R.T. 0.08 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion: 252 Resp: 447949

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	15.9	7.0	10.4

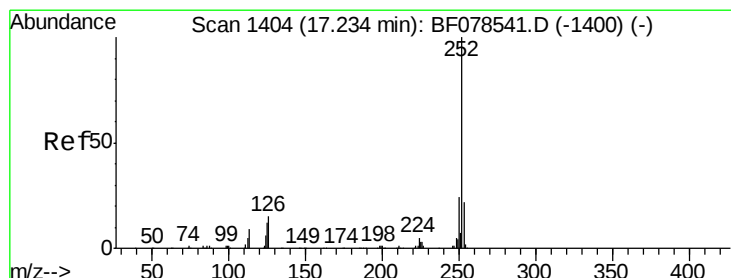
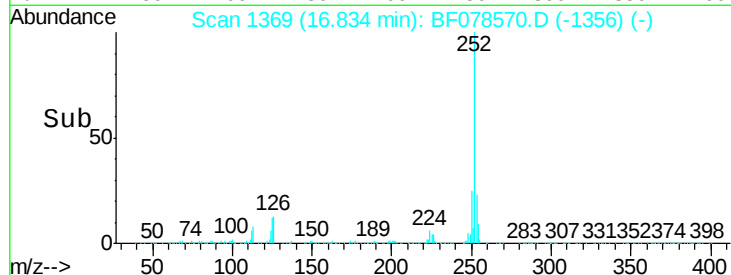
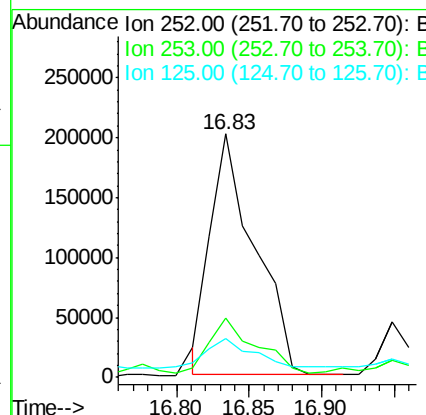
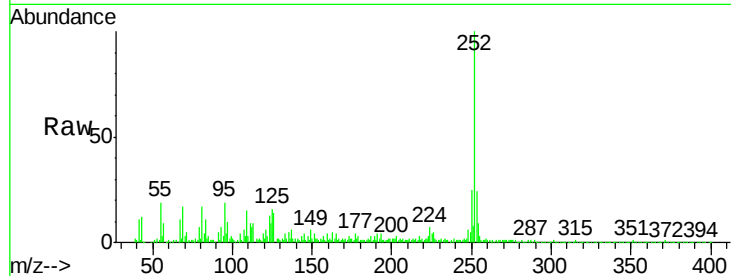




#88
Benzo(k)fluoranthene
Concen: 78.71 ng
RT: 16.83 min Scan# 1369
Delta R.T. 0.05 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

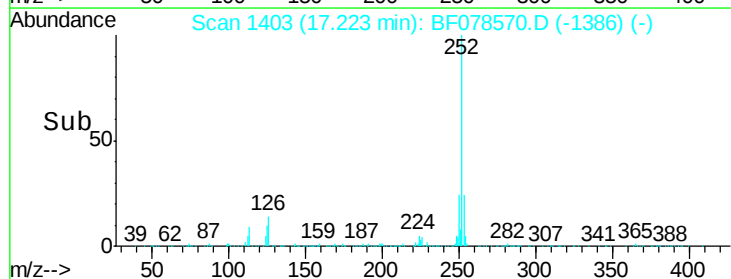
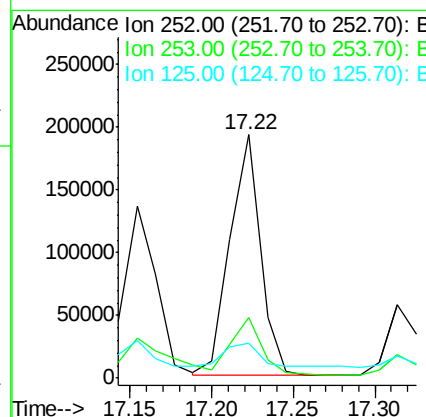
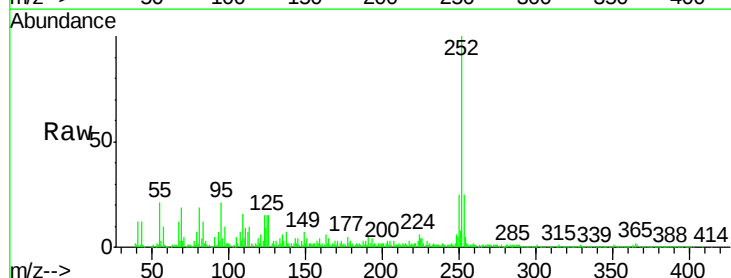
Instrument :
BNA_F
ClientSampleId :
HS-SB05A

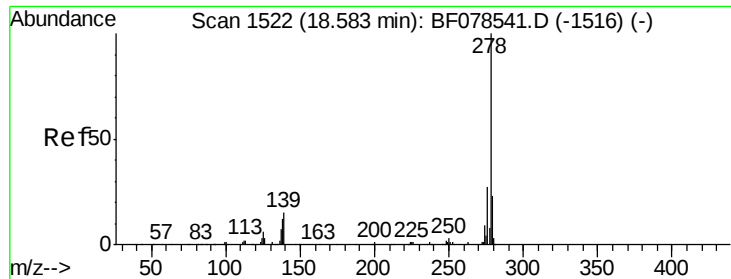
Tgt Ion:252 Resp: 427148
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 15.9 11.6 17.4



#89
Benzo(a)pyrene
Concen: 46.59 ng
RT: 17.22 min Scan# 1403
Delta R.T. 0.09 min
Lab File: BF078570.D
Acq: 16 Apr 2015 17:25

Tgt Ion:252 Resp: 248307
Ion Ratio Lower Upper
252 100
253 24.9 16.8 25.2
125 14.6 7.4 11.0#





#90

Dibenzo(a,h)anthracene

Concen: 10.26 ng

RT: 18.55 min Scan# 1519

Delta R.T. 0.14 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

Instrument :

BNA_F

ClientSampleId :

HS-SB05A

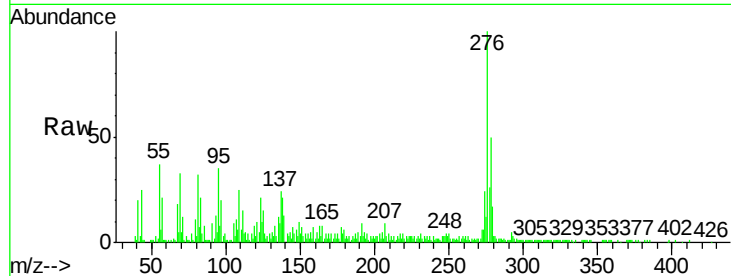
Tgt Ion:278 Resp: 54740

Ion Ratio Lower Upper

278 100

139 26.1 13.6 20.4#

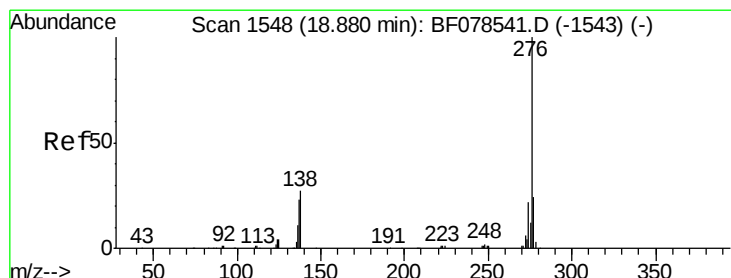
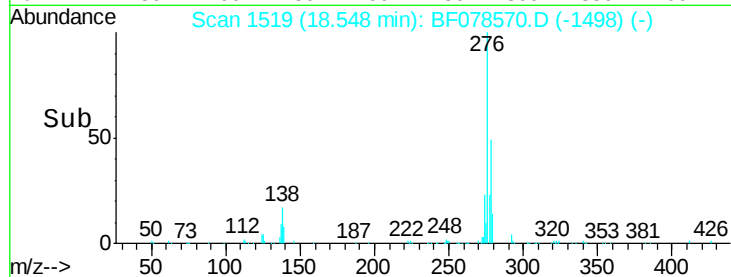
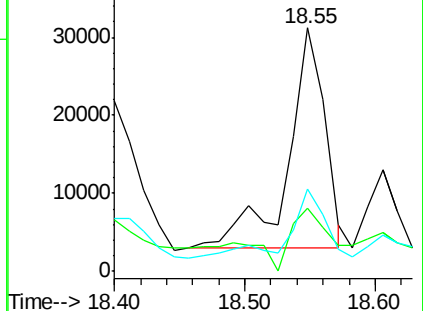
279 33.6 19.0 28.6#



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: 37.65 ng

RT: 18.87 min Scan# 1547

Delta R.T. 0.16 min

Lab File: BF078570.D

Acq: 16 Apr 2015 17:25

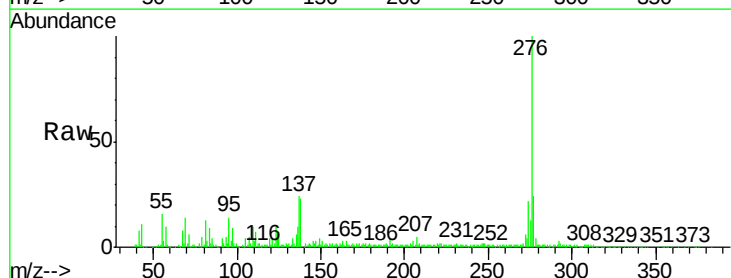
Tgt Ion:276 Resp: 201407

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 23.2 19.9 29.9



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

