

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077609.D
 Acq On : 5 Mar 2015 6:53
 Operator : TP/IZ
 Sample : G1424-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEP-1

Quant Time: Mar 05 08:13:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 13:27:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	68172	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	274631	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	135984	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	265430	20.00	ng	0.00
75) Chrysene-d12	16.12	240	277903	20.00	ng	0.02
86) Perylene-d12	17.91	264	273357	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	391236	95.81	ng	0.00
7) Phenol-d6	6.79	99	479189	91.27	ng	0.00
23) Nitrobenzene-d5	7.91	82	289155	65.47	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	120250	91.84	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	488414	56.00	ng	0.00
78) Terphenyl-d14	14.81	244	472415	39.74	ng	0.00

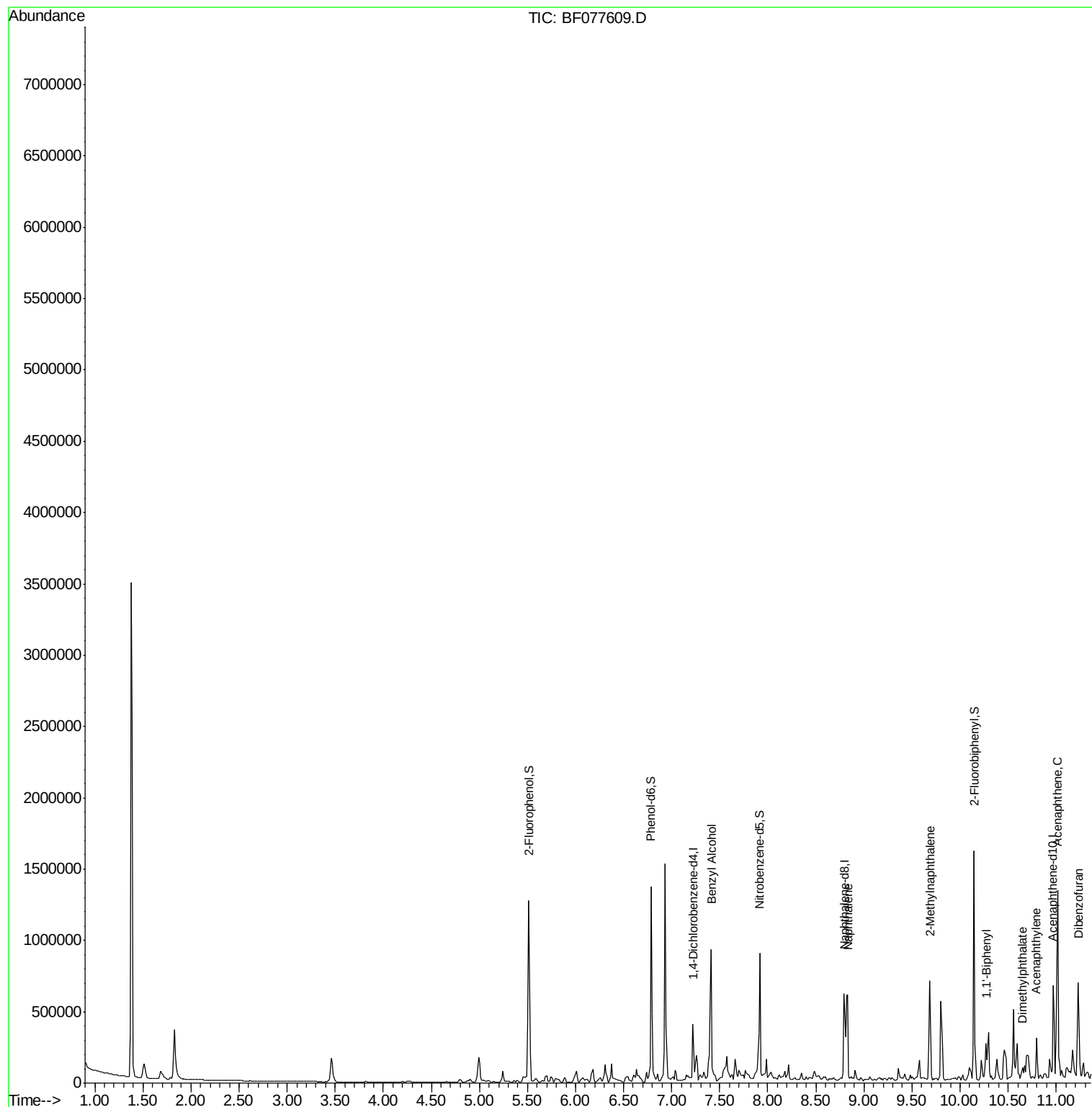
Target Compounds						Qvalue
15) Benzyl Alcohol	7.40	79	8262	2.07	ng	# 43
31) Naphthalene	8.83	128	391575	28.51	ng	98
37) 2-Methylnaphthalene	9.69	142	207540	21.28	ng	100
45) 1,1'-Biphenyl	10.27	154	53935	5.24	ng	96
48) Acenaphthylene	10.80	152	78464	6.13	ng	97
49) Dimethylphthalate	10.65	163	30085	3.15	ng	100
51) Acenaphthene	11.01	154	273509	35.83	ng	99
54) Dibenzofuran	11.23	168	254660	21.61	ng	98
57) Fluorene	11.65	166	485167	51.49	ng	98
61) 4-Nitroaniline	11.67	138	27574	13.02	ng	94
70) Phenanthrene	12.85	178	3206048	208.40	ng	94
71) Anthracene	12.91	178	919159	60.21	ng	99
72) Carbazole	13.11	167	235264	16.21	ng	99
74) Fluoranthene	14.33	202	3016847	179.52	ng	94
77) Pyrene	14.61	202	2747149	161.60	ng	95
80) Benzo(a)anthracene	16.11	228	1423820	87.42	ng	96
82) Chrysene	16.15	228	1099489	71.89	ng	98
85) Indeno(1,2,3-cd)pyrene	19.36	276	583649	33.47	ng	94
87) Benzo(b)fluoranthene	17.47	252	1726223	108.59	ng	# 95
88) Benzo(k)fluoranthene	17.47	252	1726223	110.81	ng	99
89) Benzo(a)pyrene	17.85	252	993752	65.64	ng	# 95
90) Dibenzo(a,h)anthracene	19.37	278	150749	10.44	ng	# 92
91) Benzo(g,h,i)perylene	19.78	276	554276	38.03	ng	99

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

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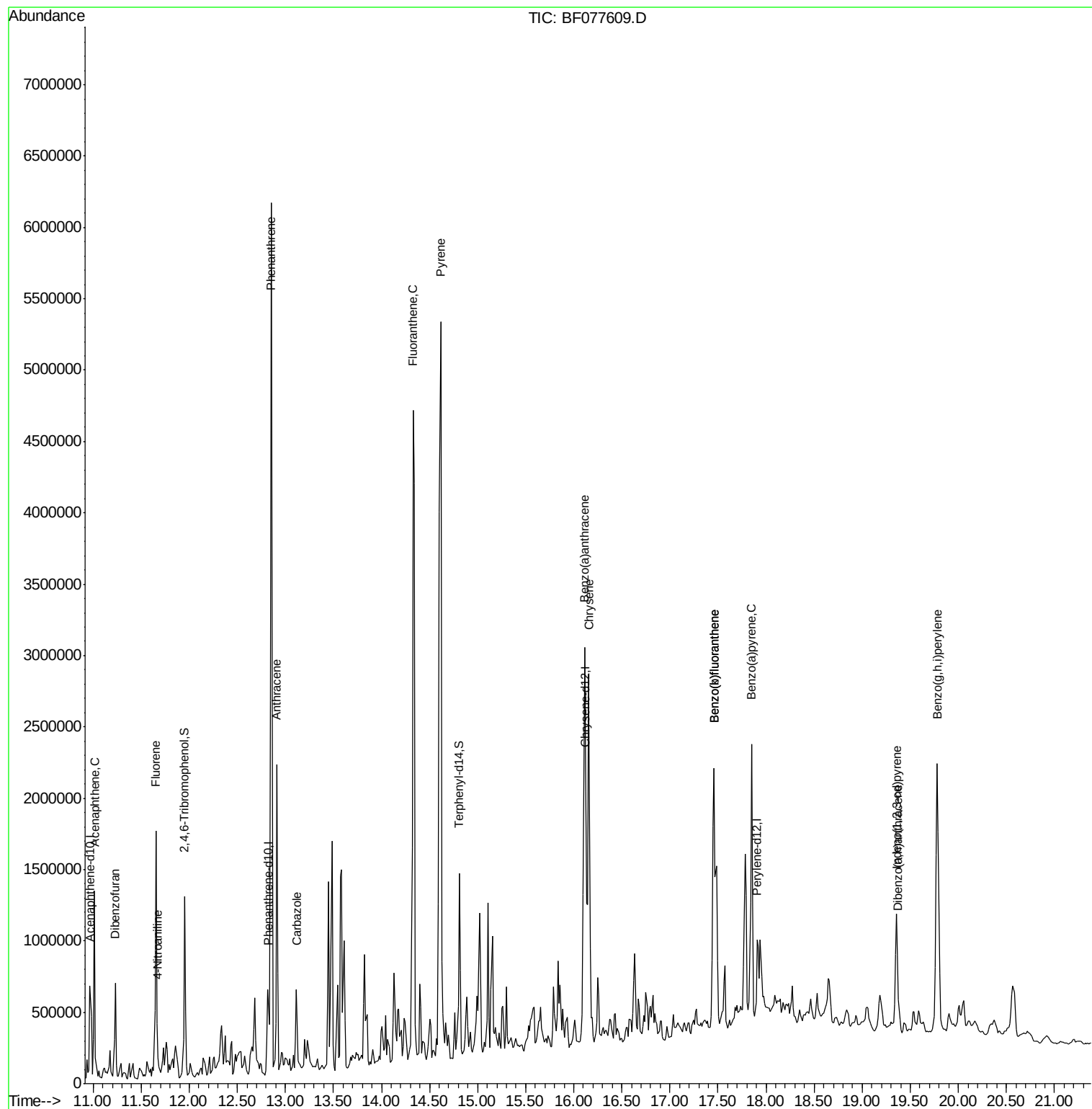
Quant Time: Mar 05 08:13:06 2015
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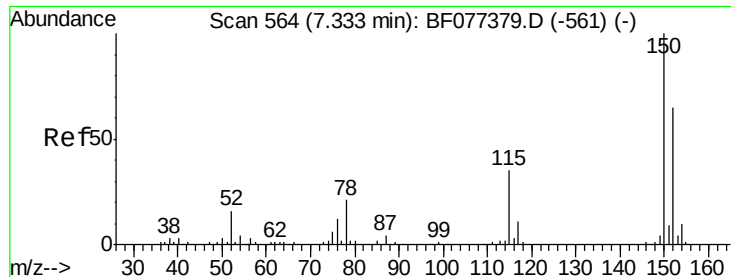


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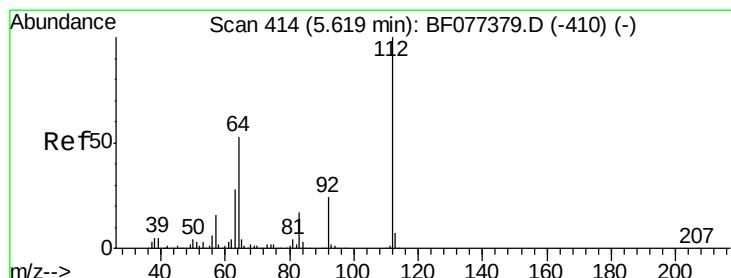
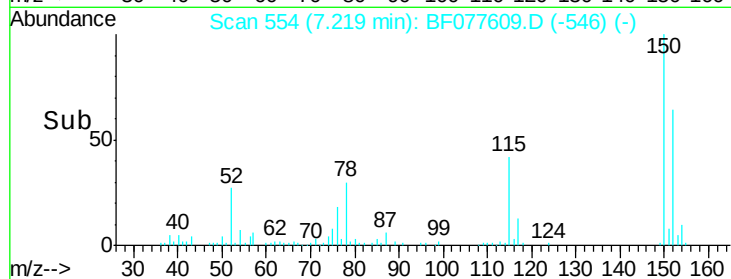
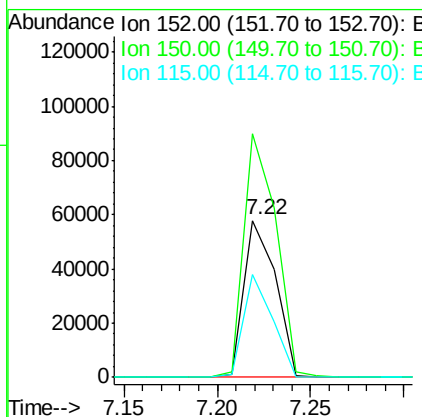
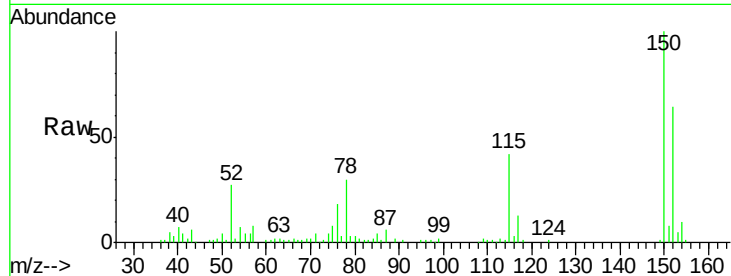




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077609.D
 Acq: 5 Mar 2015 6:53

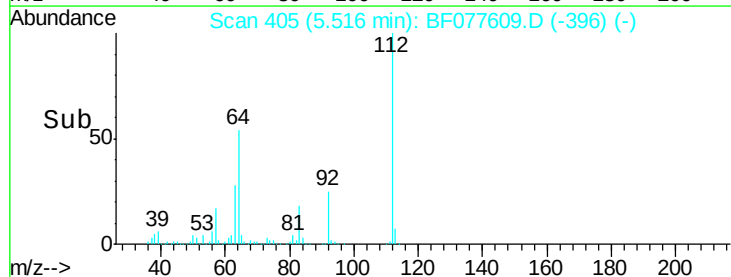
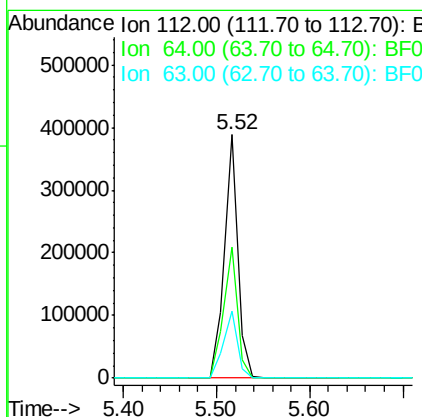
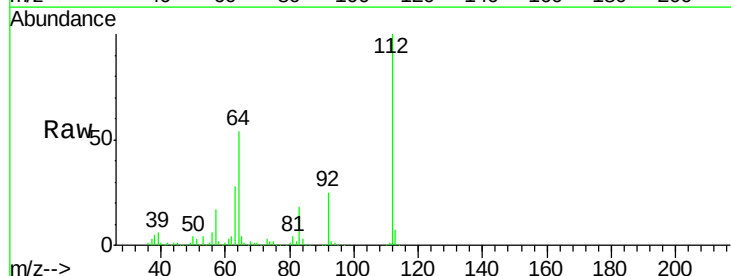
Instrument :
 BNA_F
 ClientSampleId :
 SEP-1

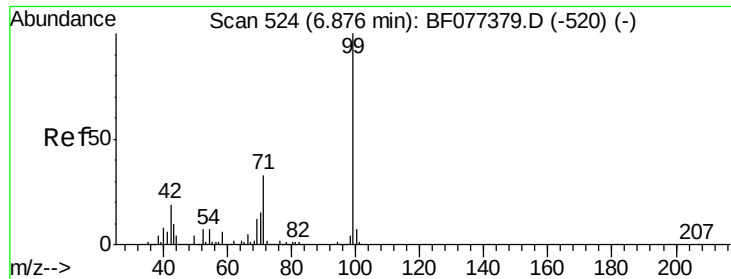
Tgt Ion:152 Resp: 68172
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.0 186.0
 115 66.0 49.4 74.2



#5
 2-Fluorophenol
 Concen: 95.81 ng
 RT: 5.52 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF077609.D
 Acq: 5 Mar 2015 6:53

Tgt Ion:112 Resp: 391236
 Ion Ratio Lower Upper
 112 100
 64 53.8 48.5 72.7
 63 27.6 25.0 37.4





#7

Phenol-d6

Concen: 91.27 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

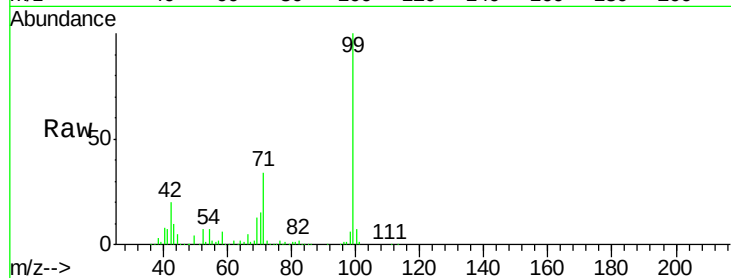
Tgt Ion: 99 Resp: 479189

Ion Ratio Lower Upper

99 100

42 19.7 16.2 24.4

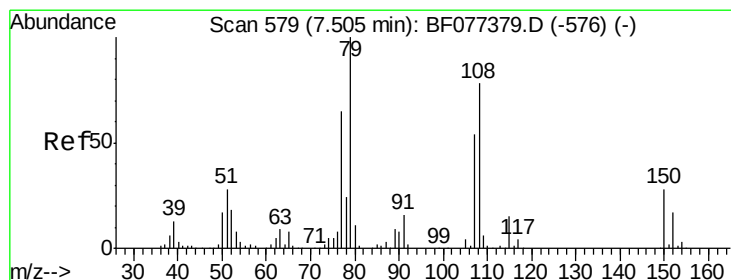
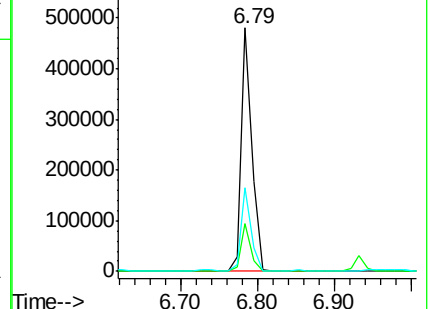
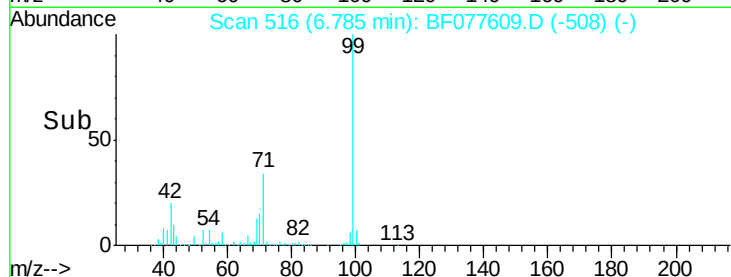
71 34.1 26.7 40.1



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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

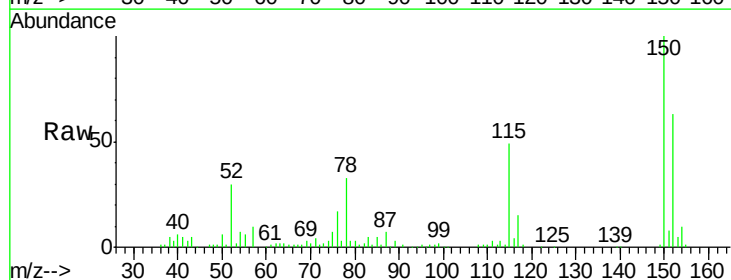
Tgt Ion: 79 Resp: 8262

Ion Ratio Lower Upper

79 100

108 27.9 58.3 87.5#

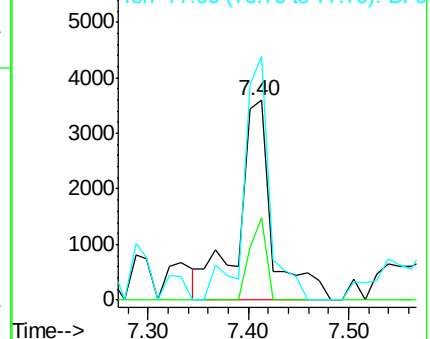
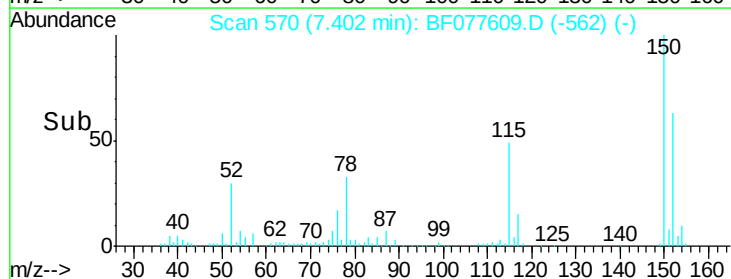
77 112.5 51.3 76.9#

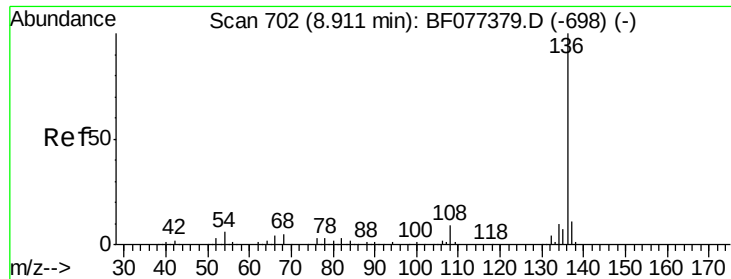


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

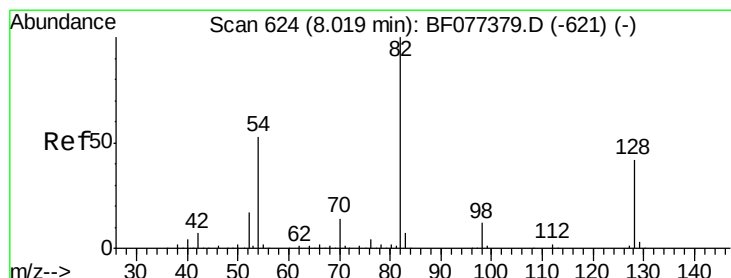
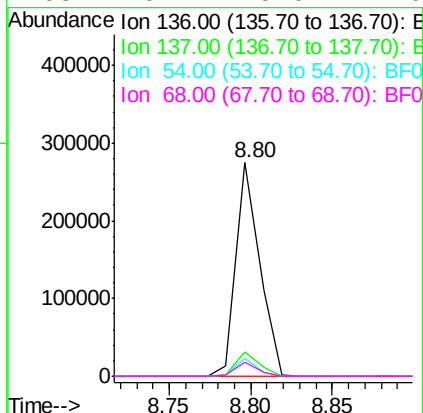
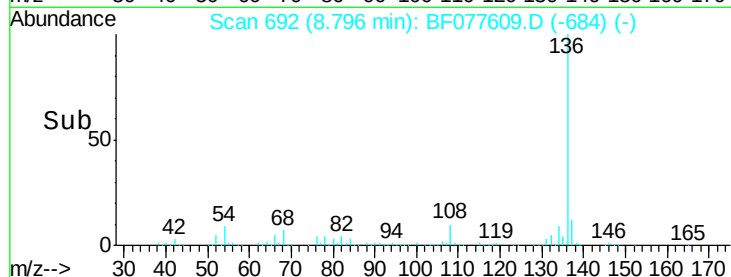
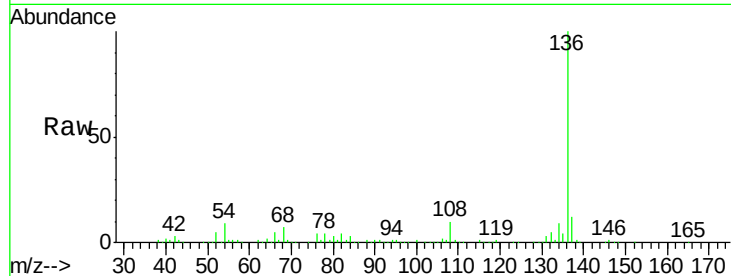




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

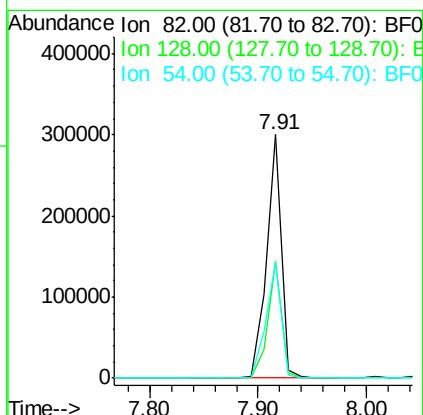
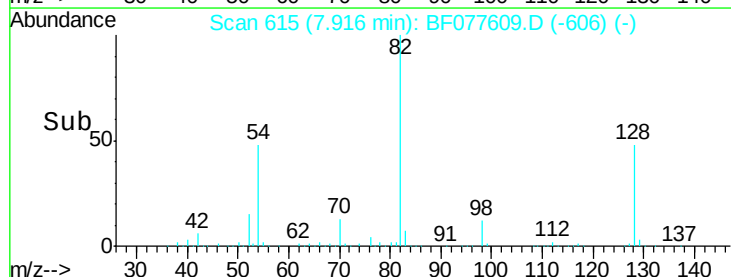
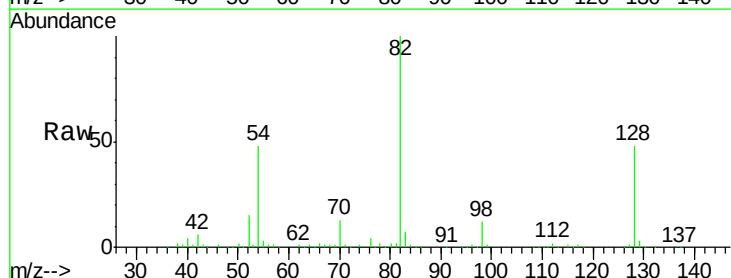
Instrument :
BNA_F
ClientSampleId :
SEP-1

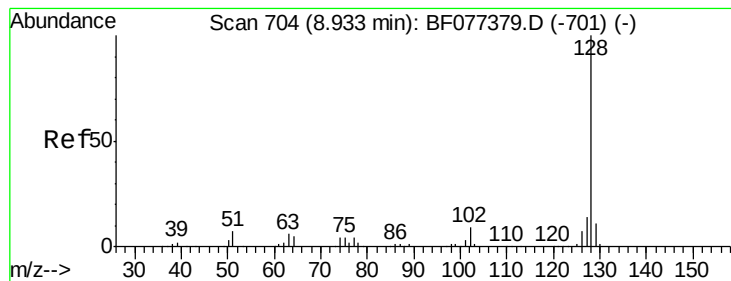
Tgt Ion:	136	Resp:	274631
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	8.5	6.2	9.4
68	6.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 65.47 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:	82	Resp:	289155
Ion	Ratio	Lower	Upper
82	100		
128	48.2	43.8	65.8
54	47.6	36.7	55.1





#31

Naphthalene

Concen: 28.51 ng

RT: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

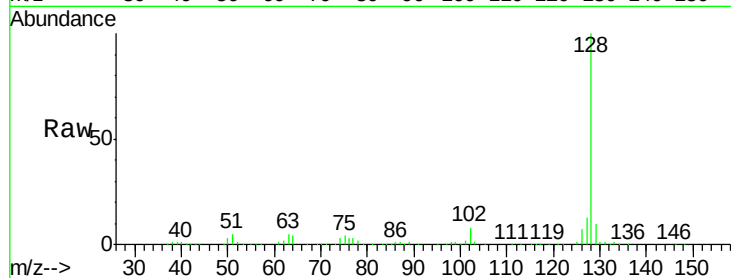
Tgt Ion:128 Resp: 391575

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.0

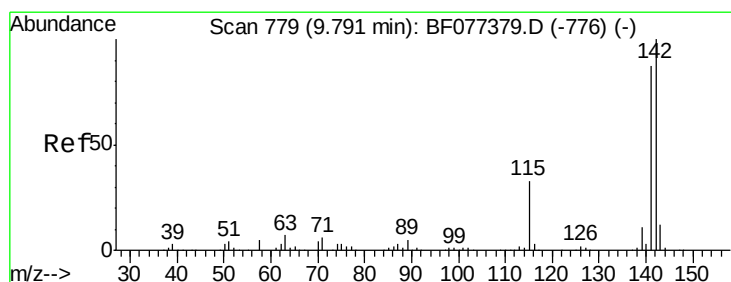
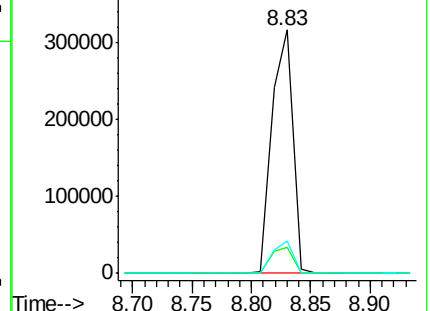
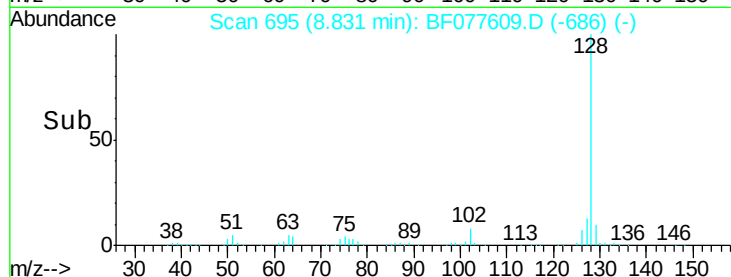
127 13.1 10.6 15.8



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



#37

2-Methylnaphthalene

Concen: 21.28 ng

RT: 9.69 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

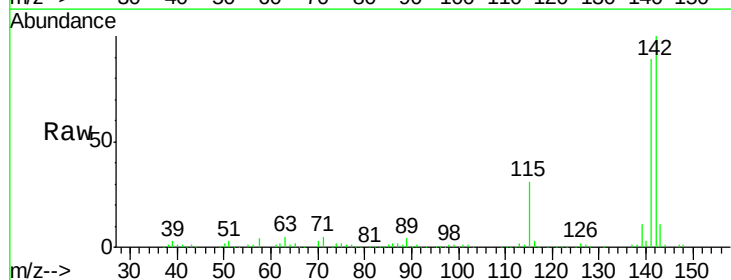
Tgt Ion:142 Resp: 207540

Ion Ratio Lower Upper

142 100

141 88.7 70.7 106.1

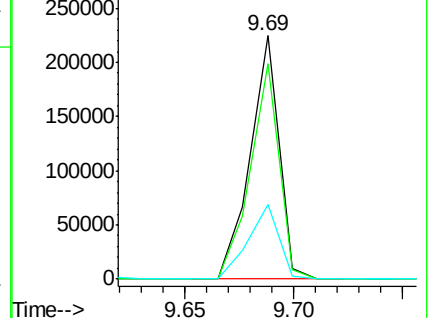
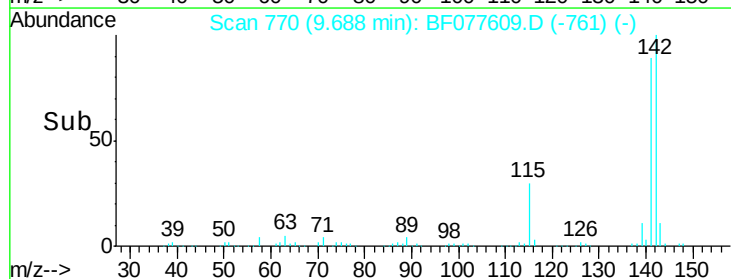
115 30.6 24.2 36.4

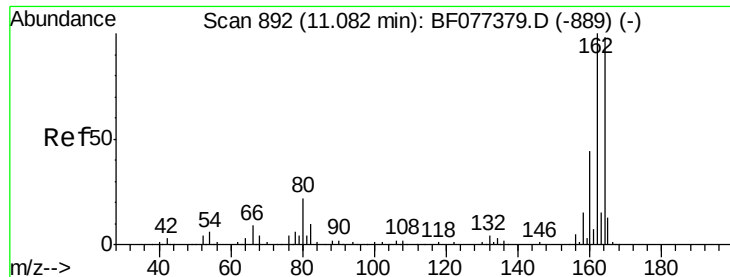


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

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ClientSampleId :

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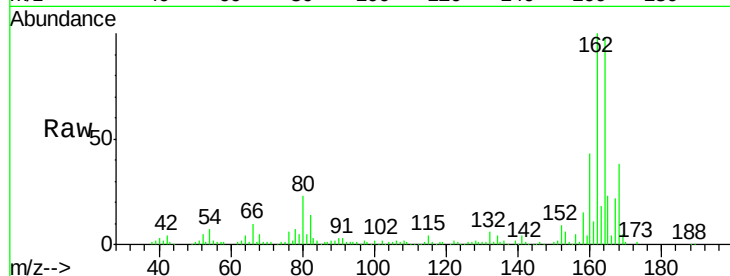
Tgt Ion:164 Resp: 135984

Ion Ratio Lower Upper

164 100

162 102.6 83.2 124.8

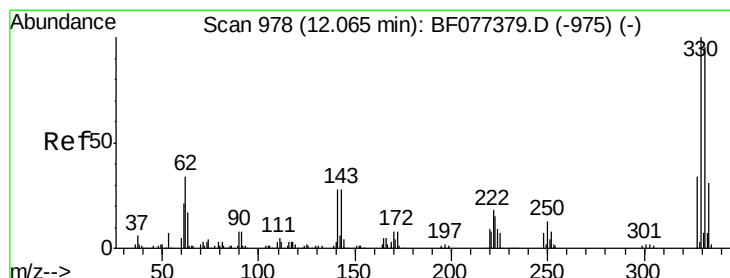
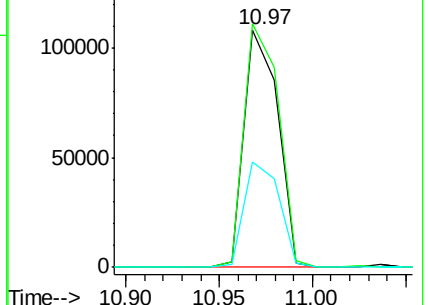
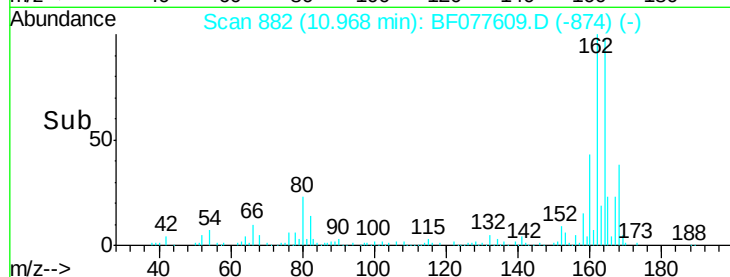
160 44.5 34.6 52.0



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: 91.84 ng

RT: 11.95 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

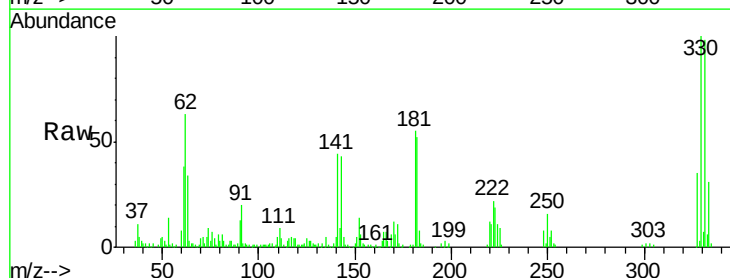
Tgt Ion:330 Resp: 120250

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

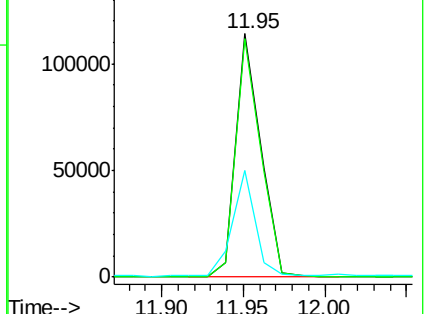
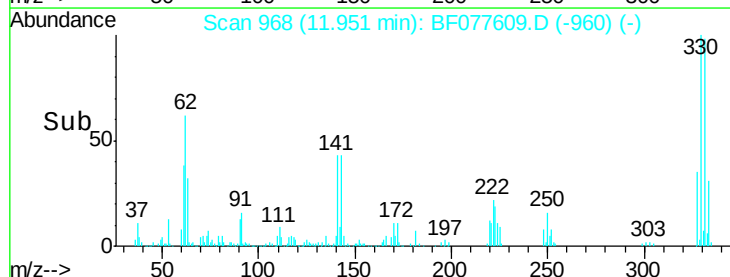
141 39.9 28.8 43.2

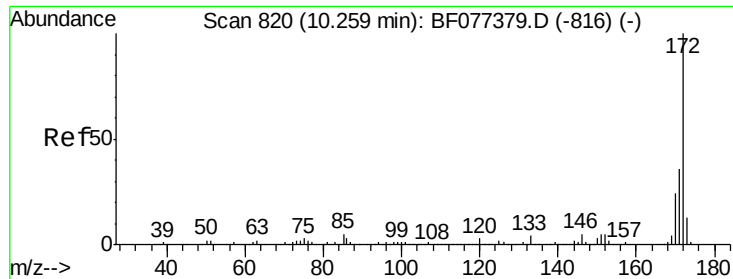


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

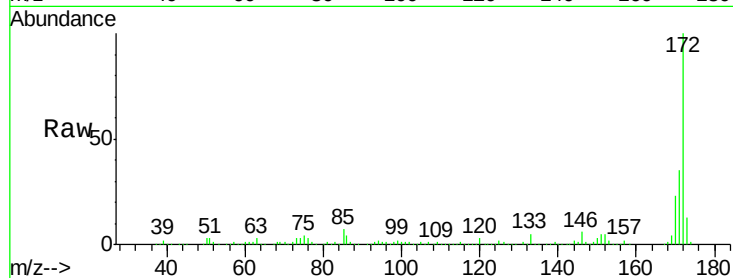




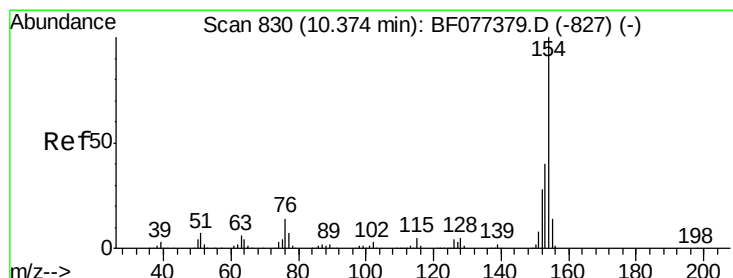
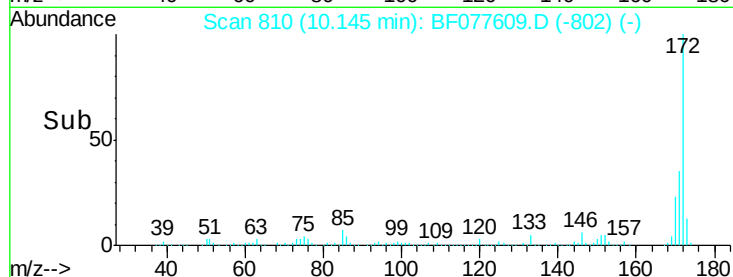
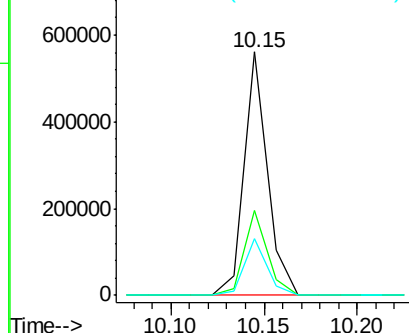
#44
 2-Fluorobiphenyl
 Concen: 56.00 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077609.D
 Acq: 5 Mar 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SEP-1

Tgt Ion:172 Resp: 488414
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.2 19.4 29.2

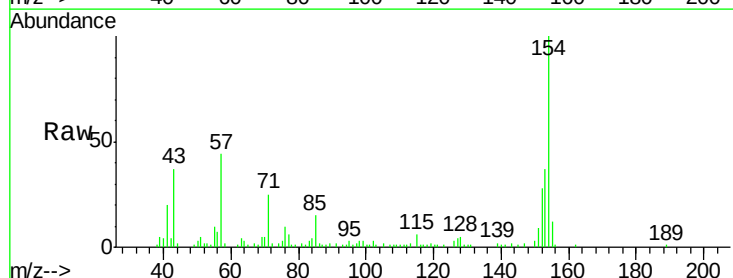


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

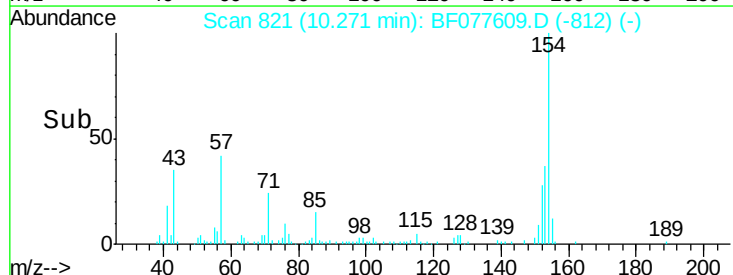
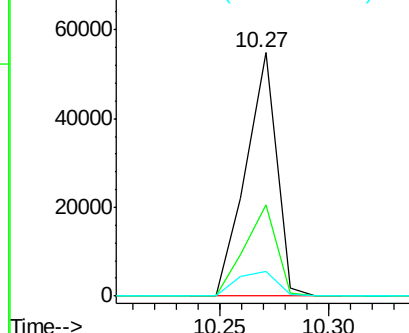


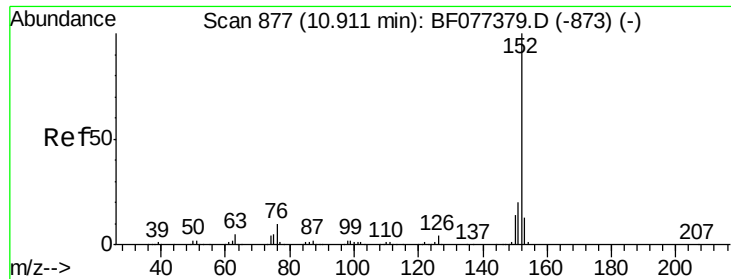
#45
 1,1'-Biphenyl
 Concen: 5.24 ng
 RT: 10.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF077609.D
 Acq: 5 Mar 2015 6:53

Tgt Ion:154 Resp: 53935
 Ion Ratio Lower Upper
 154 100
 153 37.4 20.2 60.2
 76 10.1 0.0 29.4



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

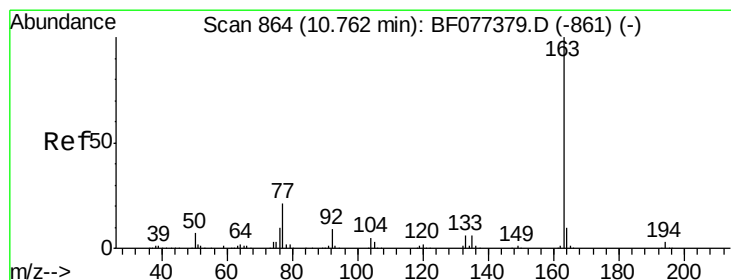
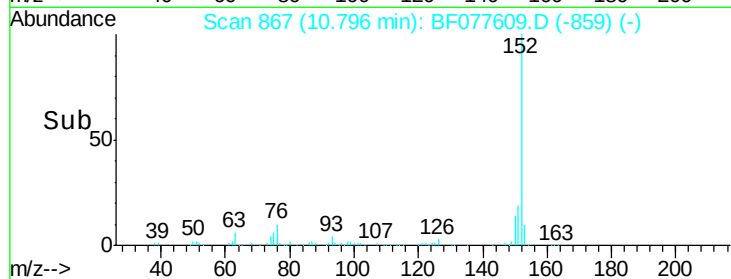
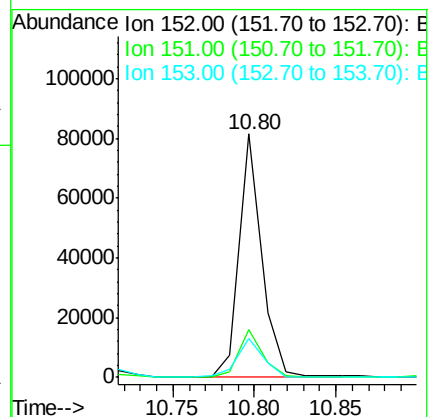
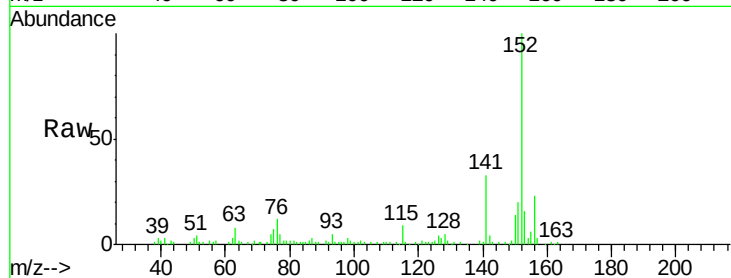




#48
Acenaphthylene
Concen: 6.13 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

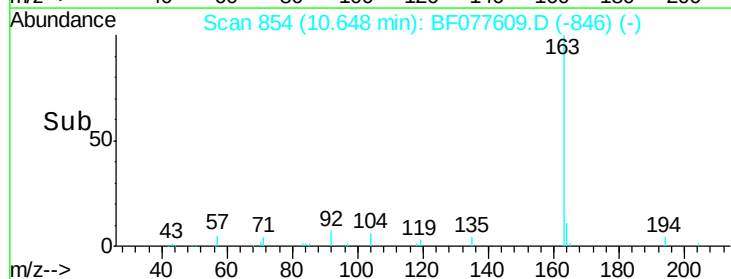
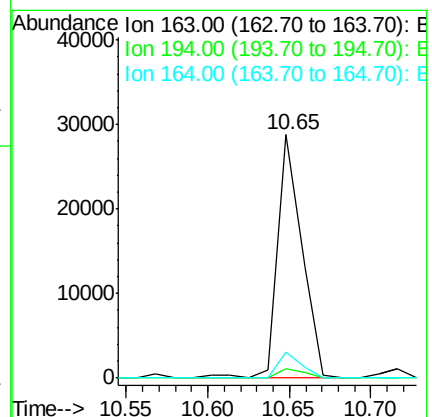
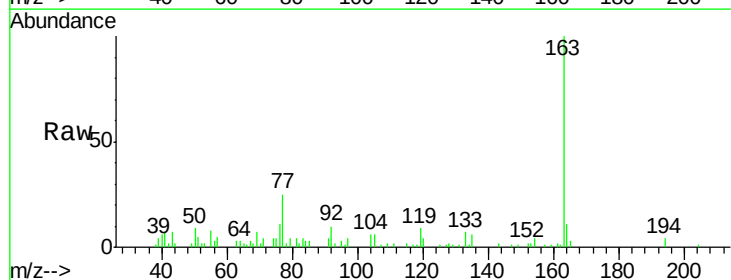
Instrument :
BNA_F
ClientSampleId :
SEP-1

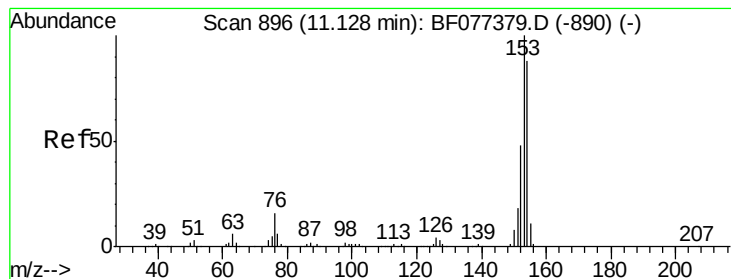
Tgt Ion:152 Resp: 78464
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 15.9 10.9 16.3



#49
Dimethylphthalate
Concen: 3.15 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:163 Resp: 30085
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.7 8.6 13.0





#51

Acenaphthene

Concen: 35.83 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

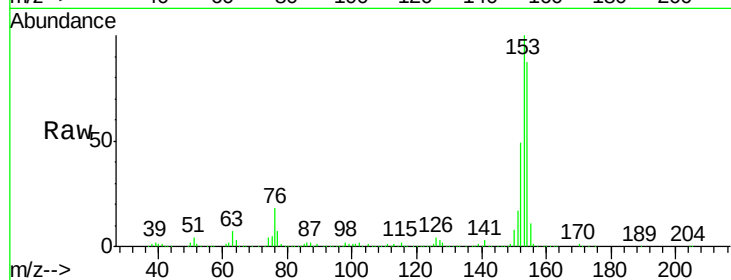
Tgt Ion:154 Resp: 273509

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

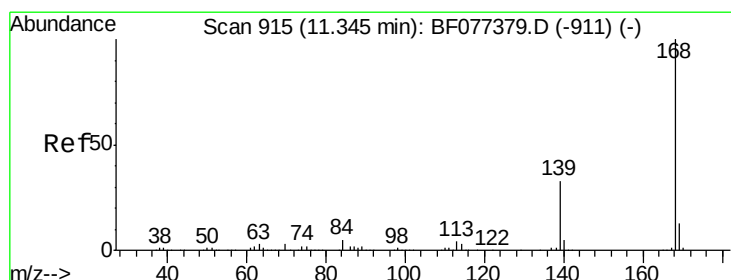
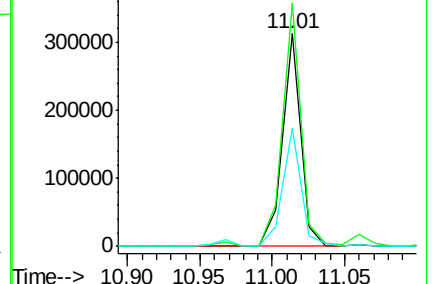
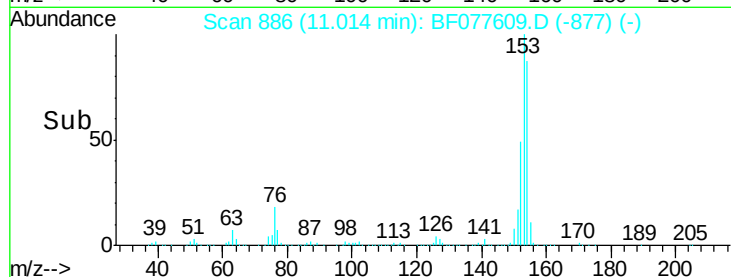
152 55.6 43.5 65.3



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: 21.61 ng

RT: 11.23 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

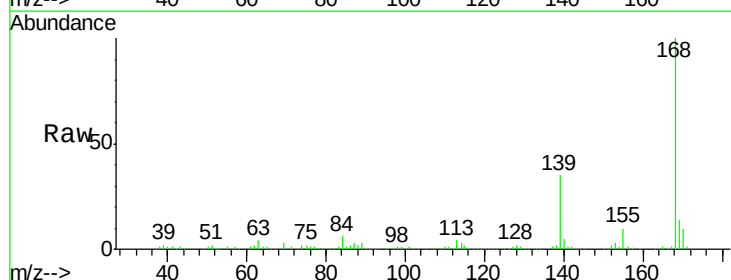
Tgt Ion:168 Resp: 254660

Ion Ratio Lower Upper

168 100

139 35.1 29.3 43.9

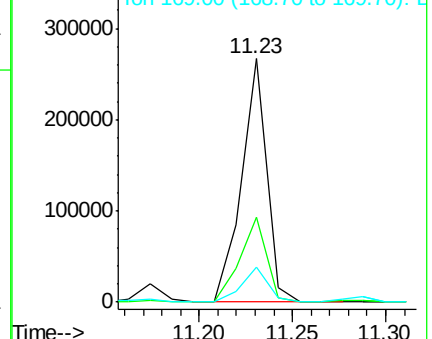
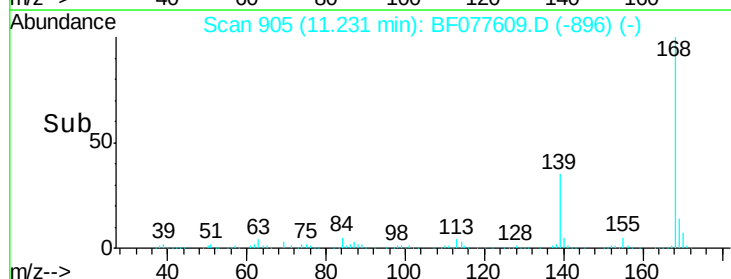
169 14.4 10.9 16.3

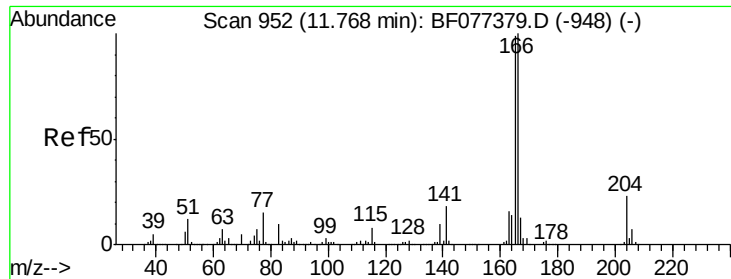


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 51.49 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

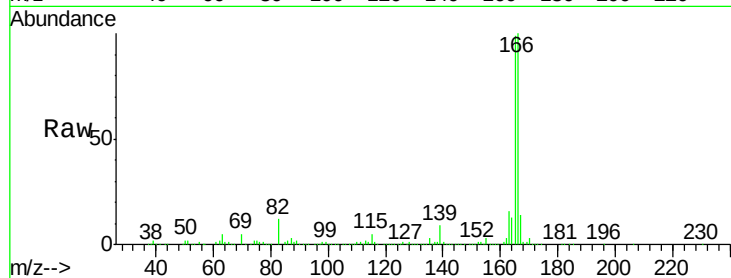
Tgt Ion:166 Resp: 485167

Ion Ratio Lower Upper

166 100

165 98.8 77.6 116.4

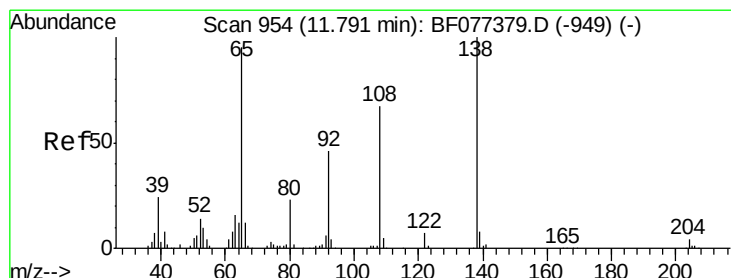
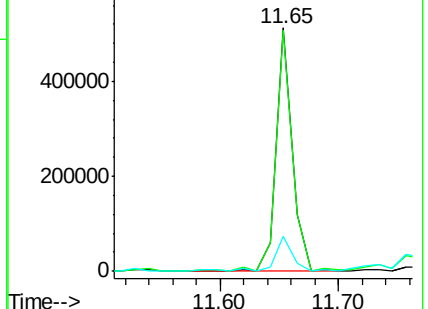
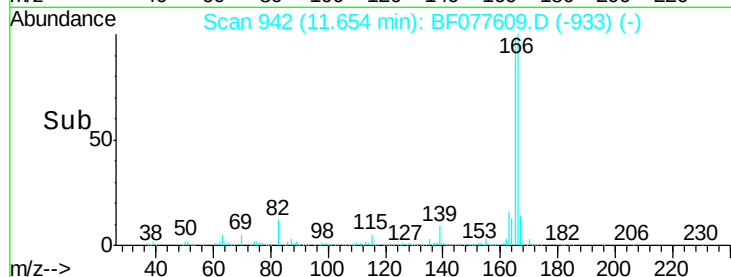
167 14.4 10.6 16.0



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



#61

4-Nitroaniline

Concen: 13.02 ng

RT: 11.67 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

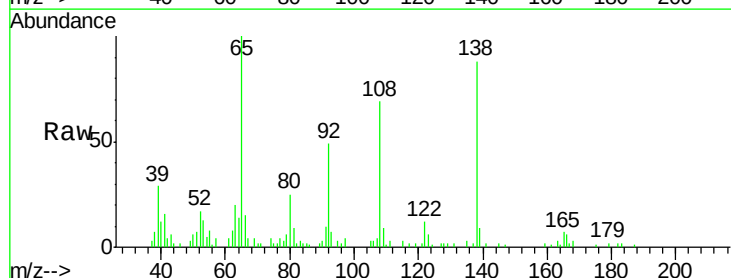
Tgt Ion:138 Resp: 27574

Ion Ratio Lower Upper

138 100

92 55.9 32.8 72.8

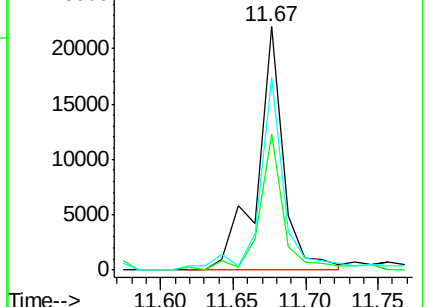
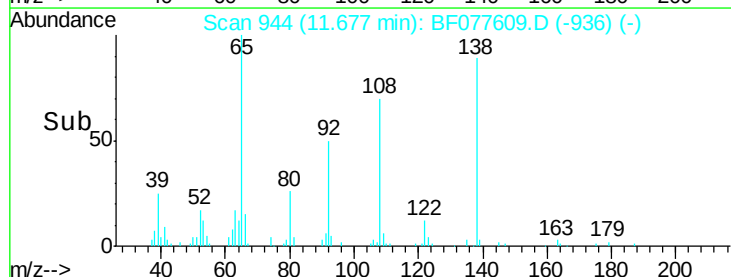
108 78.8 52.1 92.1

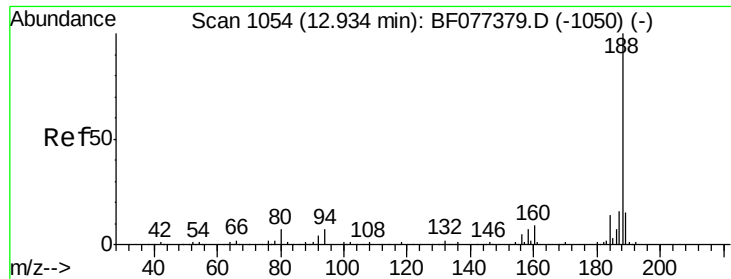


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.82 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

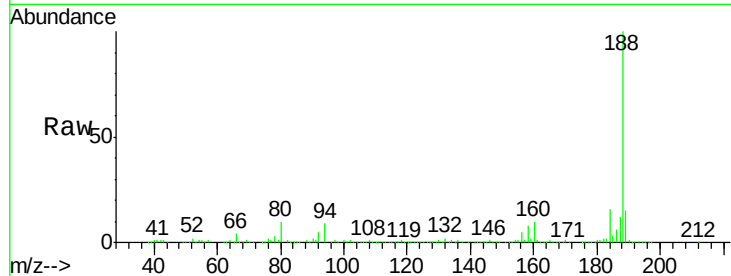
Tgt Ion:188 Resp: 265430

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

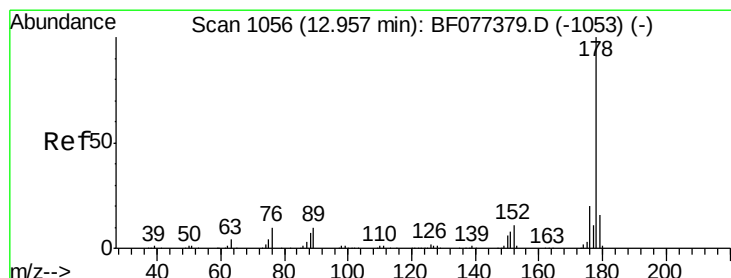
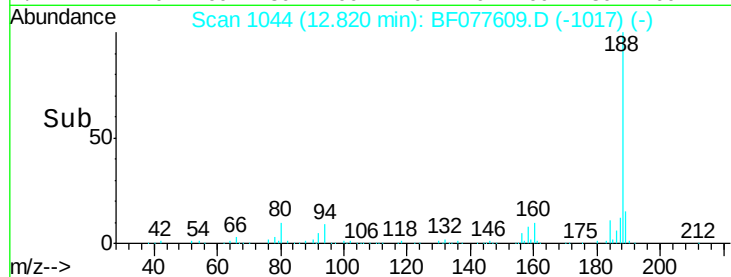
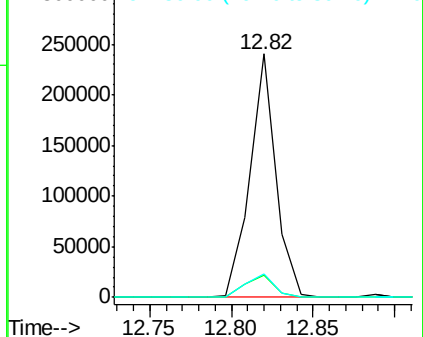
80 9.6 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 208.40 ng

RT: 12.85 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

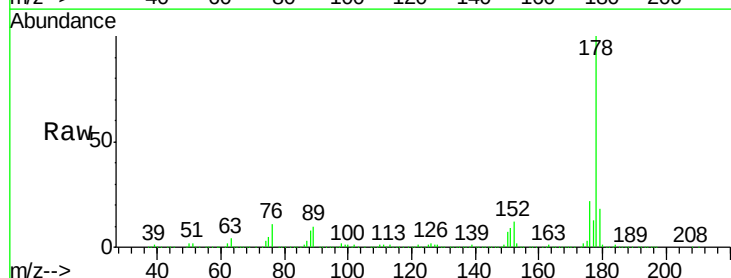
Tgt Ion:178 Resp: 3206048

Ion Ratio Lower Upper

178 100

176 22.2 15.5 23.3

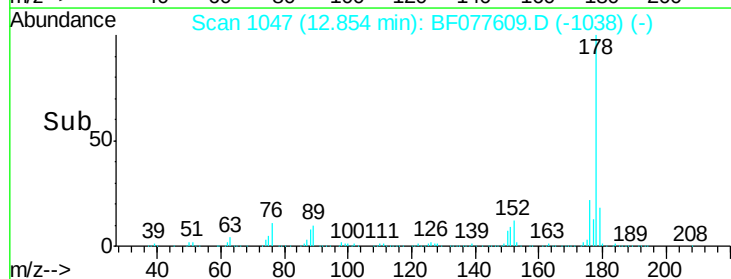
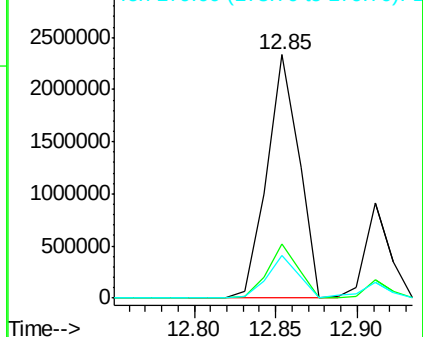
179 17.8 12.2 18.2

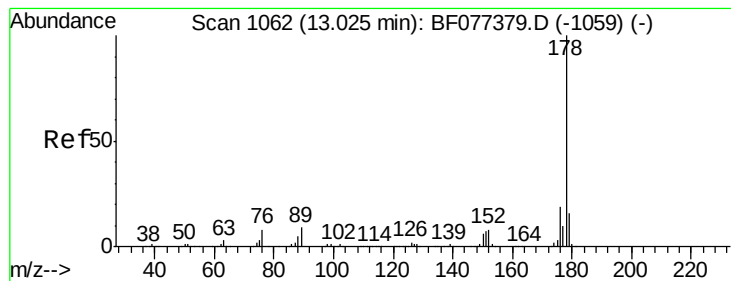


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 60.21 ng

RT: 12.91 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

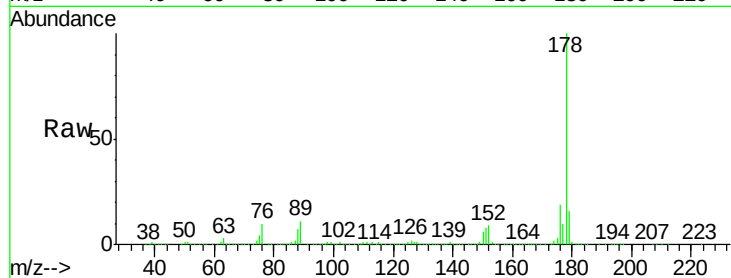
Tgt Ion:178 Resp: 919159

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

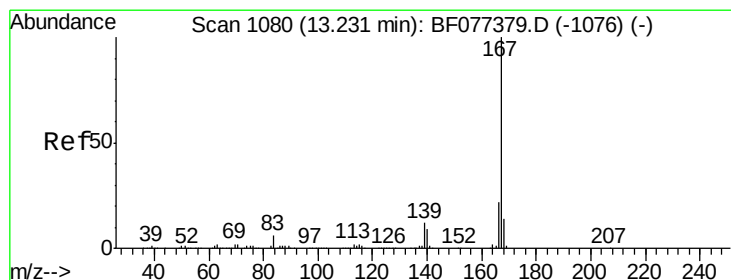
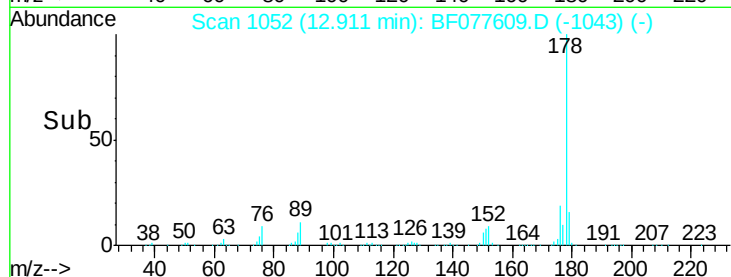
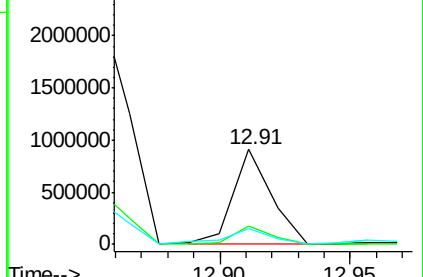
179 16.3 12.9 19.3



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: 16.21 ng

RT: 13.11 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

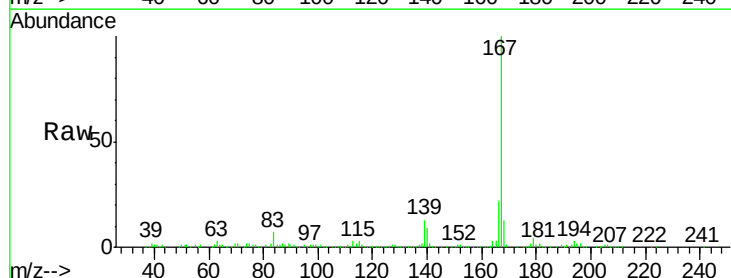
Tgt Ion:167 Resp: 235264

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

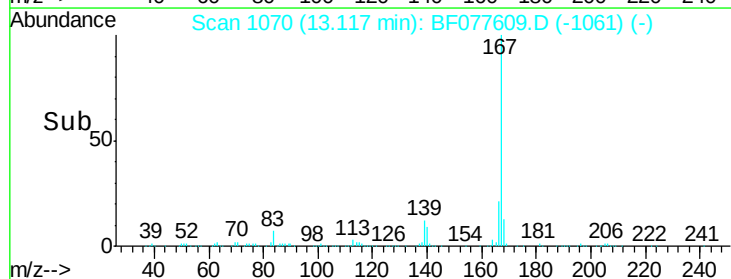
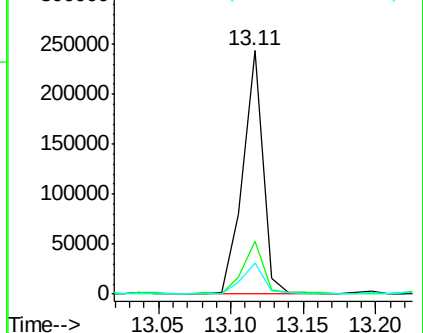
139 12.9 9.9 14.9

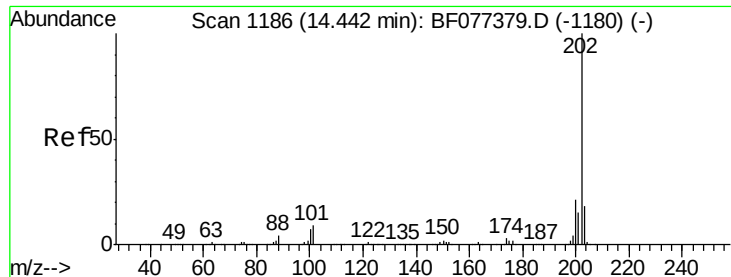


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 179.52 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

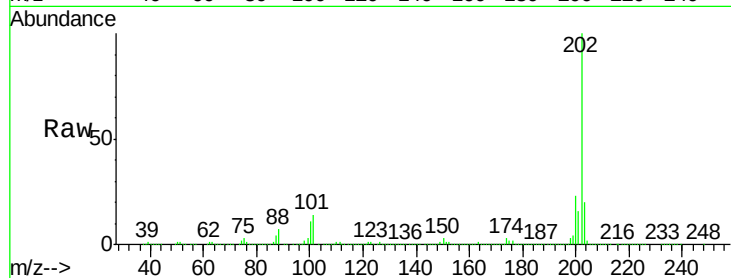
Tgt Ion:202 Resp: 3016847

Ion Ratio Lower Upper

202 100

101 14.3 0.0 30.8

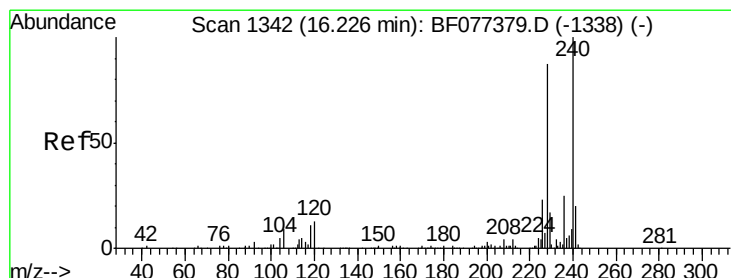
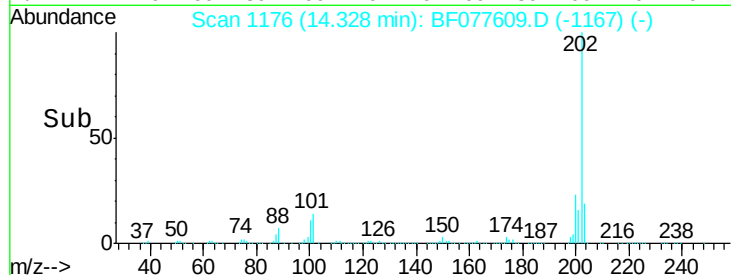
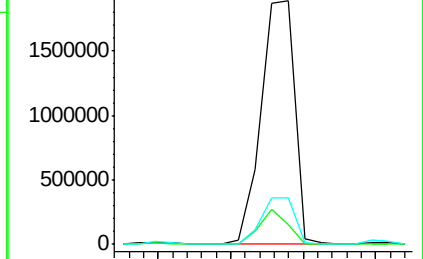
203 19.5 0.0 37.7



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: 16.12 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

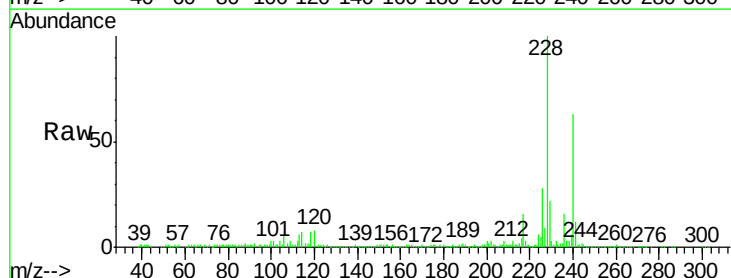
Tgt Ion:240 Resp: 277903

Ion Ratio Lower Upper

240 100

120 13.5 8.8 13.2#

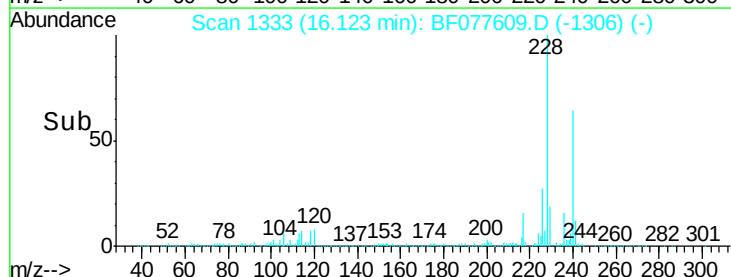
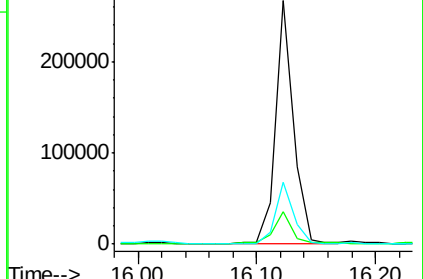
236 25.6 20.7 31.1

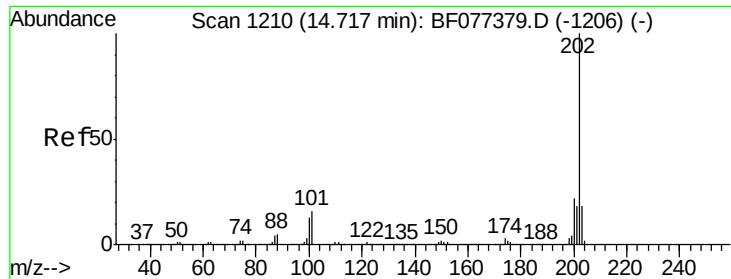


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 161.60 ng

RT: 14.61 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

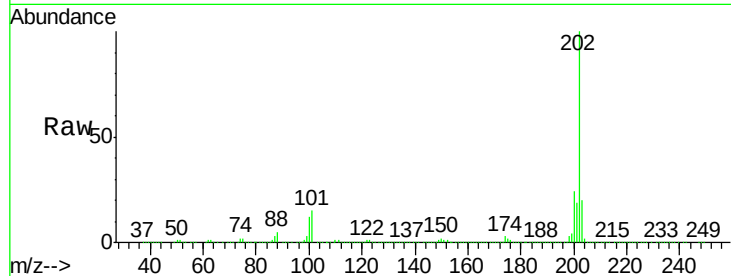
Tgt Ion:202 Resp: 2747149

Ion Ratio Lower Upper

202 100

200 23.8 17.1 25.7

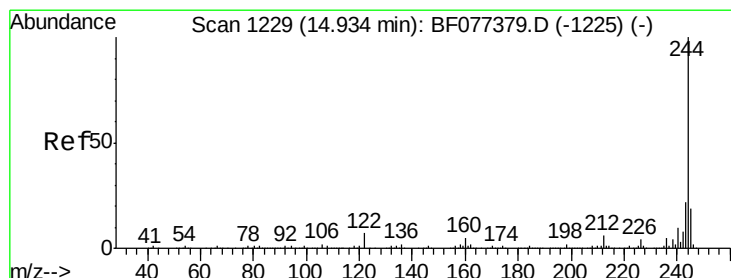
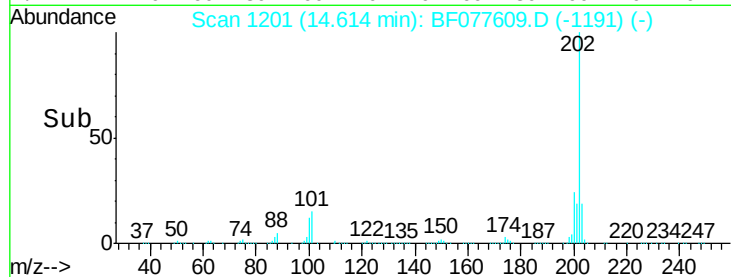
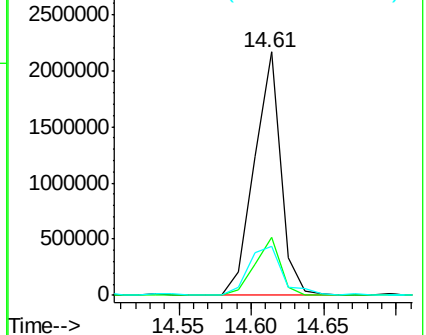
203 19.9 14.2 21.2



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: 39.74 ng

RT: 14.81 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

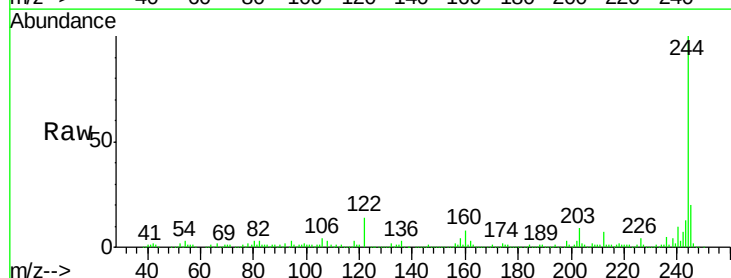
Tgt Ion:244 Resp: 472415

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

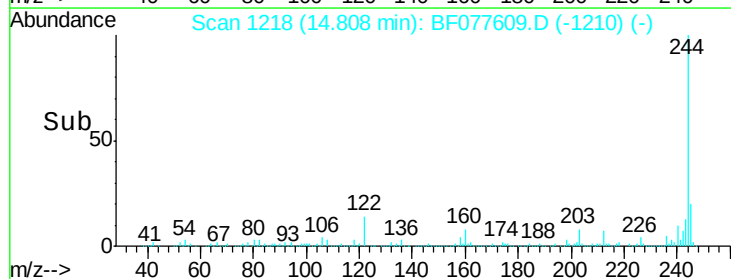
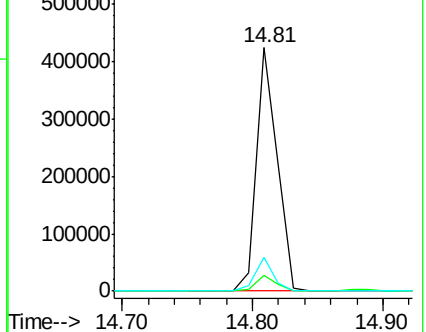
122 13.8 7.8 11.8#

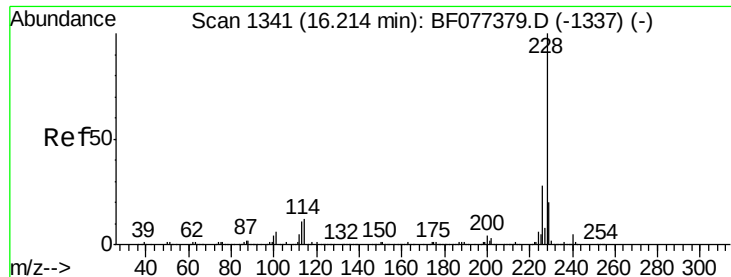


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 87.42 ng

RT: 16.11 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampled :

SEP-1

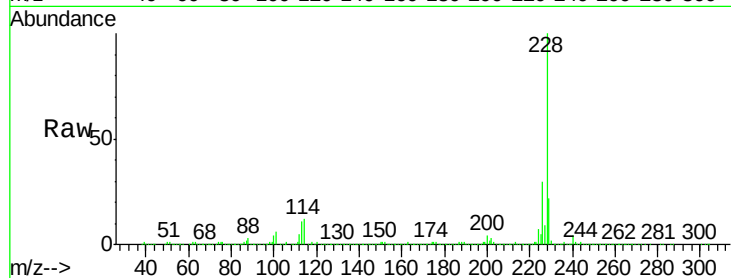
Tgt Ion:228 Resp: 1423820

Ion Ratio Lower Upper

228 100

226 29.5 22.0 33.0

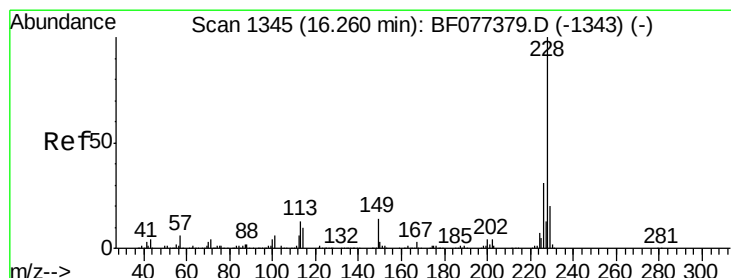
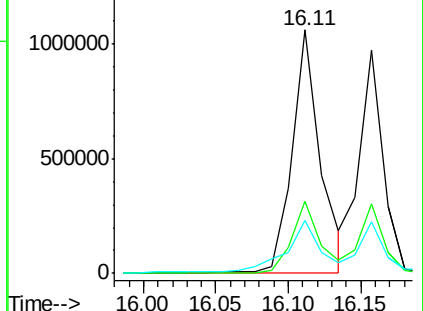
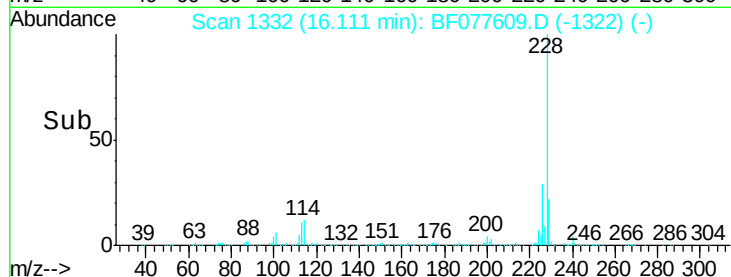
229 21.8 15.8 23.8



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



#82

Chrysene

Concen: 71.89 ng

RT: 16.15 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

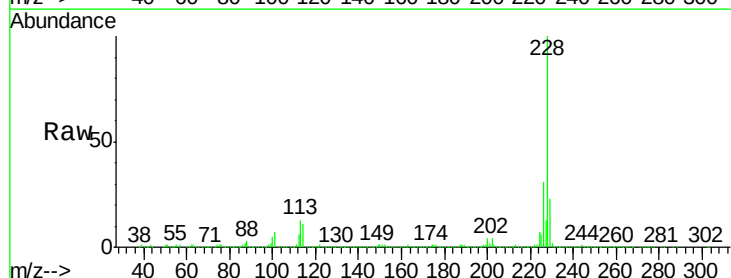
Tgt Ion:228 Resp: 1099489

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

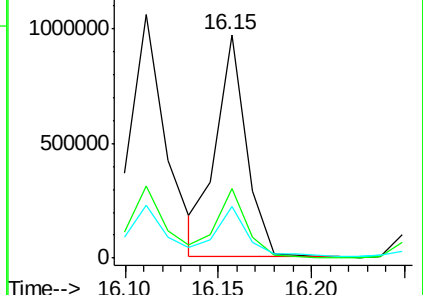
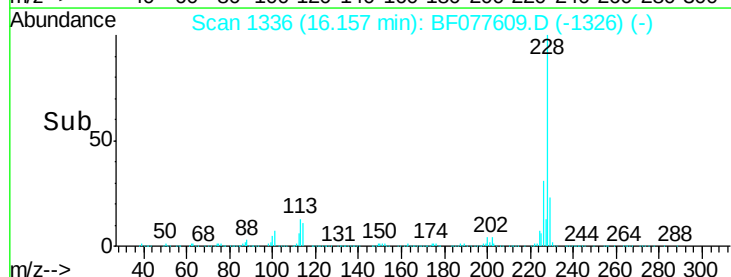
229 23.3 16.4 24.6

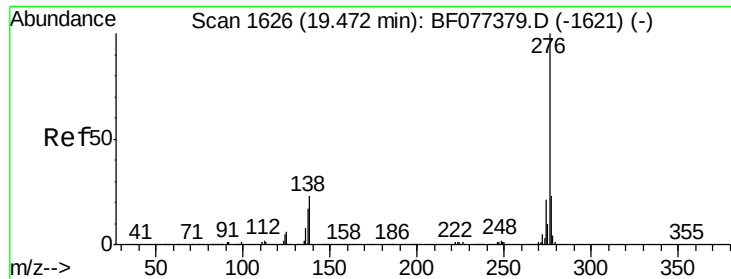


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.47 ng

RT: 19.36 min Scan# 1616

Delta R.T. 0.06 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

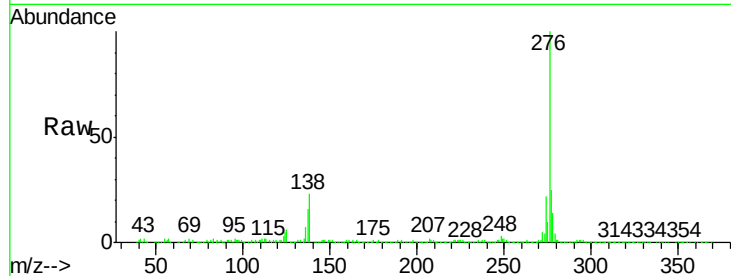
Tgt Ion:276 Resp: 583649

Ion Ratio Lower Upper

276 100

138 23.8 21.2 31.8

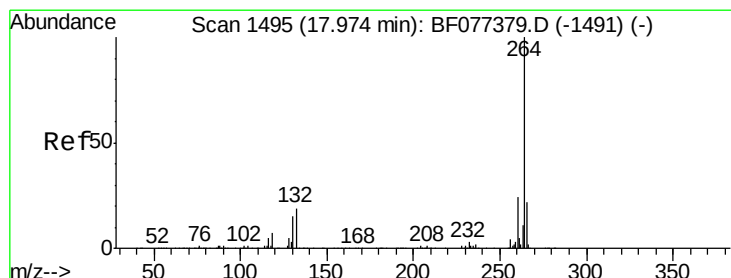
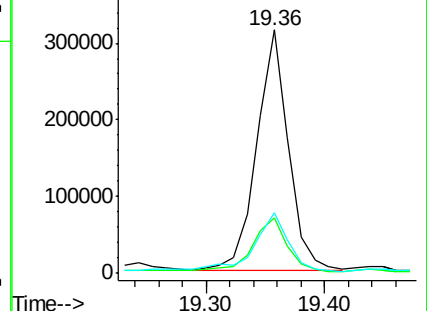
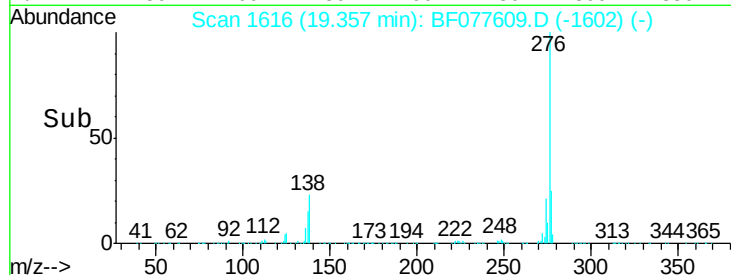
277 27.9 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.91 min Scan# 1490

Delta R.T. 0.05 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

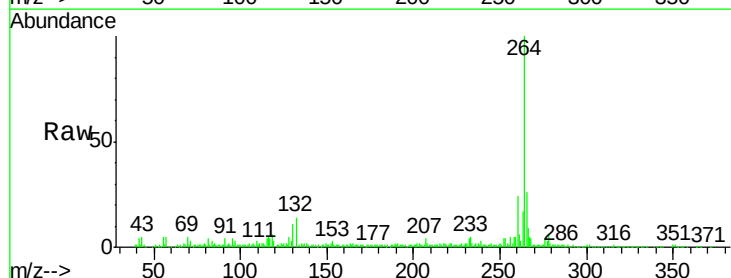
Tgt Ion:264 Resp: 273357

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

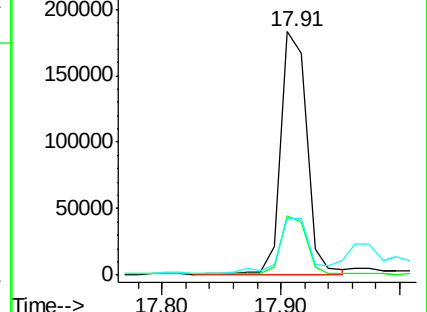
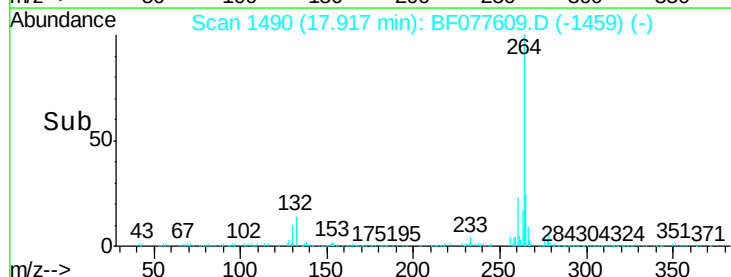
265 25.5 16.8 25.2#

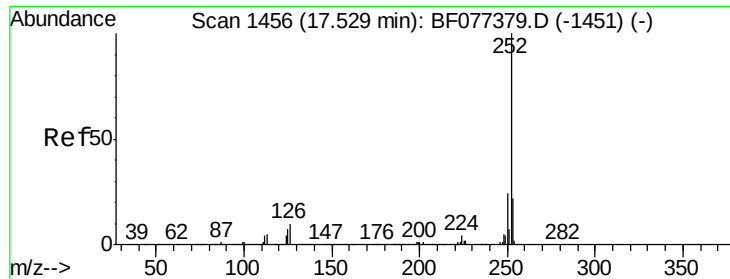


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

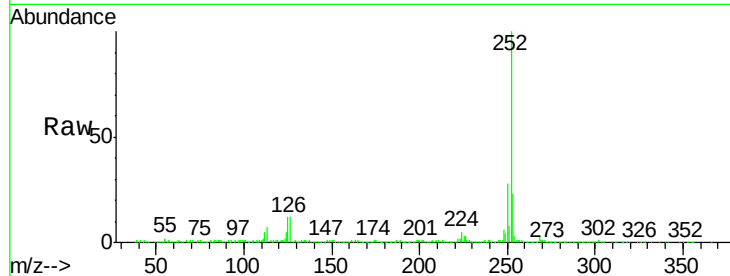




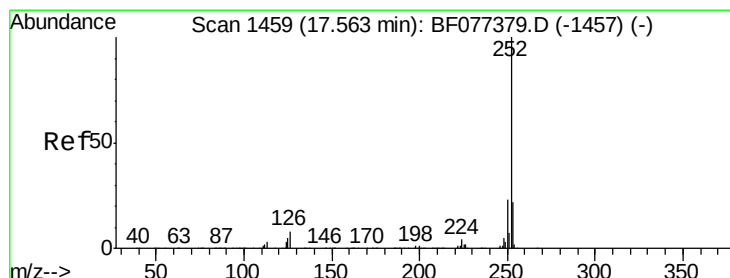
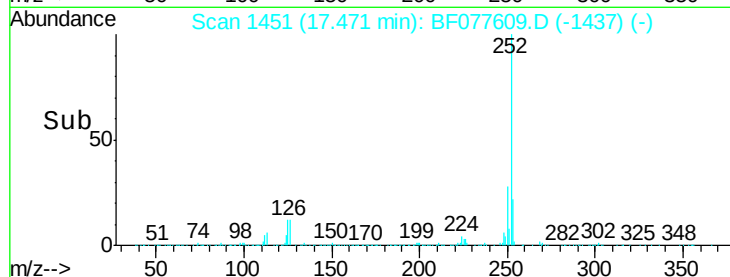
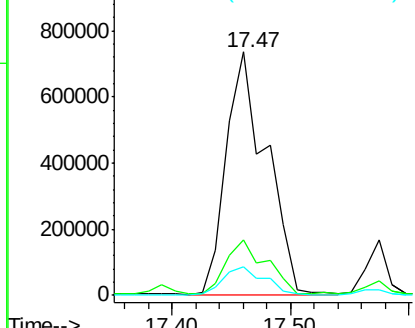
#87
Benzo(b)fluoranthene
Concen: 108.59 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.06 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampleId :
SEP-1

Tgt Ion:252 Resp: 1726223
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.1 5.4 8.2#

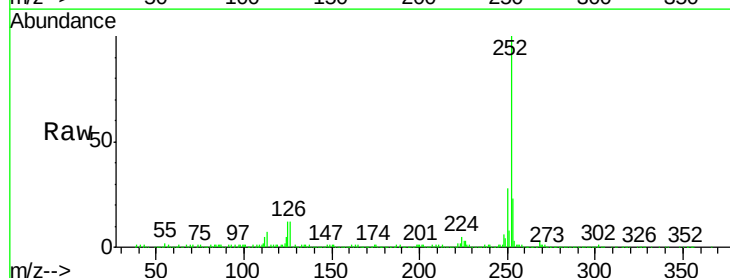


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

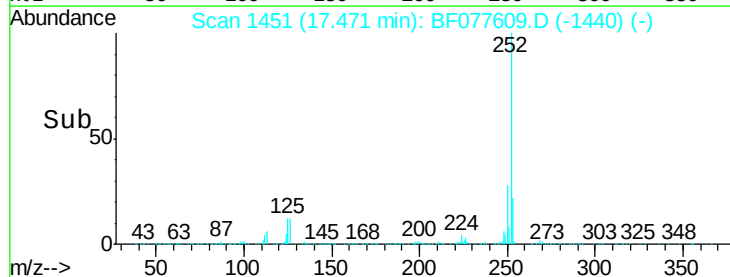
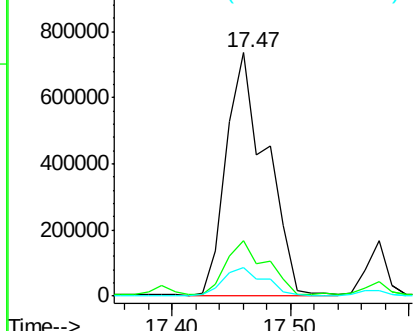


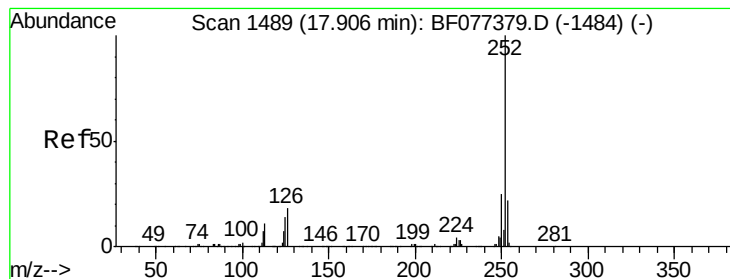
#88
Benzo(k)fluoranthene
Concen: 110.81 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.02 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion:252 Resp: 1726223
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 12.1 10.1 15.1



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

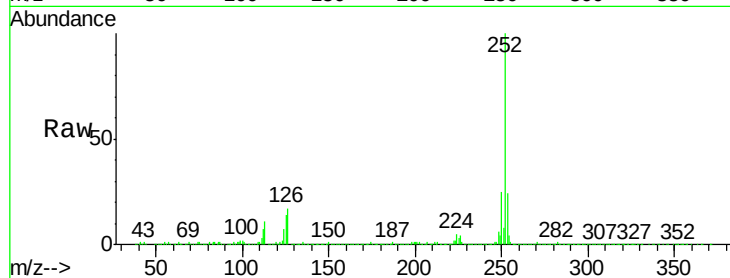




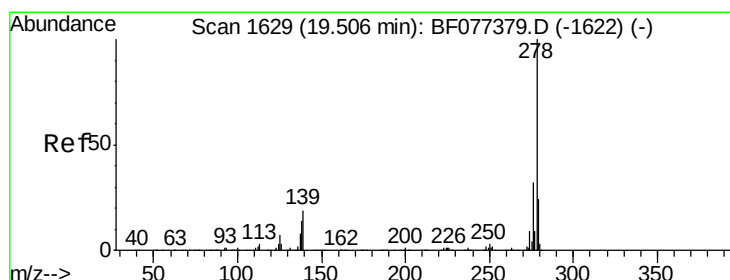
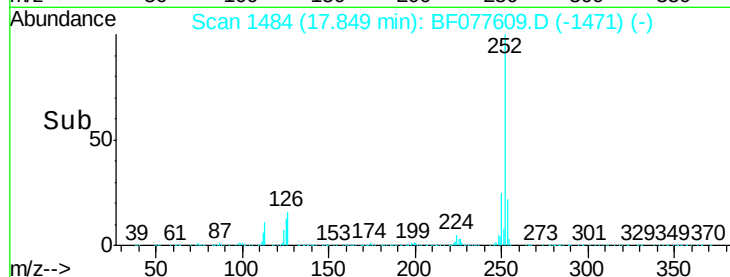
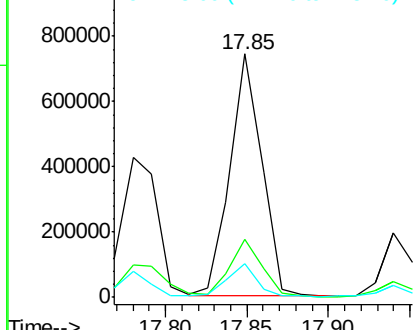
#89
Benzo(a)pyrene
Concen: 65.64 ng
RT: 17.85 min Scan# 1484
Delta R.T. 0.05 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Instrument :
BNA_F
ClientSampled :
SEP-1

Tgt Ion: 252 Resp: 993752
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 13.8 8.3 12.5#

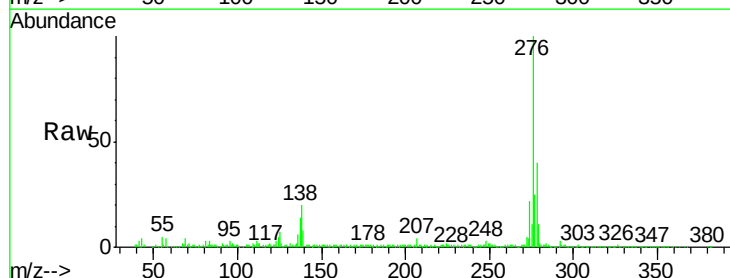


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

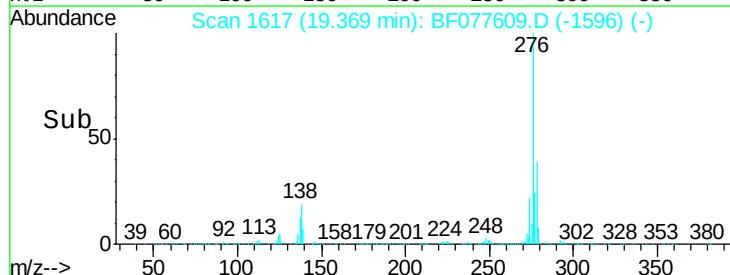
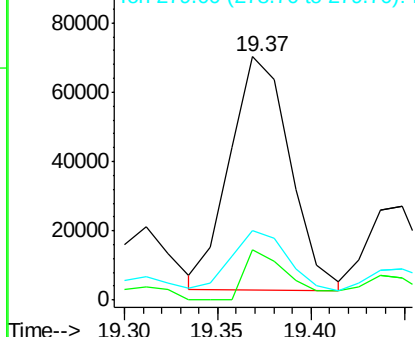


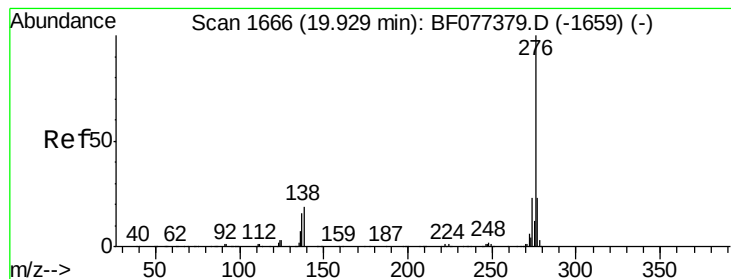
#90
Dibenzo(a,h)anthracene
Concen: 10.44 ng
RT: 19.37 min Scan# 1617
Delta R.T. 0.05 min
Lab File: BF077609.D
Acq: 5 Mar 2015 6:53

Tgt Ion: 278 Resp: 150749
Ion Ratio Lower Upper
278 100
139 20.5 14.3 21.5
279 28.8 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: 38.03 ng

RT: 19.78 min Scan# 1653

Delta R.T. 0.06 min

Lab File: BF077609.D

Acq: 5 Mar 2015 6:53

Instrument :

BNA_F

ClientSampleId :

SEP-1

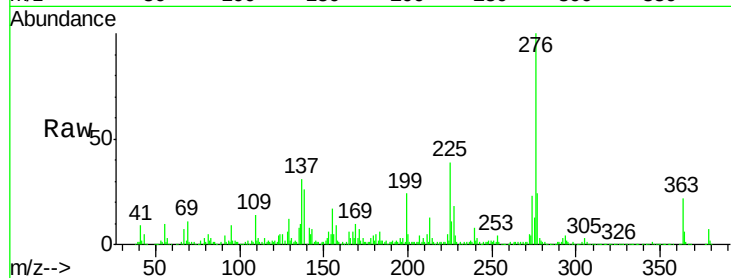
Tgt Ion: 276 Resp: 554276

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 25.8 20.5 30.7



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

