

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079754.D
 Acq On : 6 Jun 2015 4:31
 Operator : TP/IZ
 Sample : G2457-15 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Quant Time: Jun 08 04:47:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 04:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	50486	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	207850	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	117526	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	234354	20.00	ng	0.00
75) Chrysene-d12	14.98	240	262673	20.00	ng	-0.03
86) Perylene-d12	16.90	264	252616	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	44893	7.45	ng	0.00
7) Phenol-d6	7.07	99	56337	7.24	ng	-0.01
23) Nitrobenzene-d5	8.04	82	24757	3.66	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	12177	5.42	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	66773	3.85	ng	0.00
78) Terphenyl-d14	13.73	244	81120	3.54	ng	-0.02

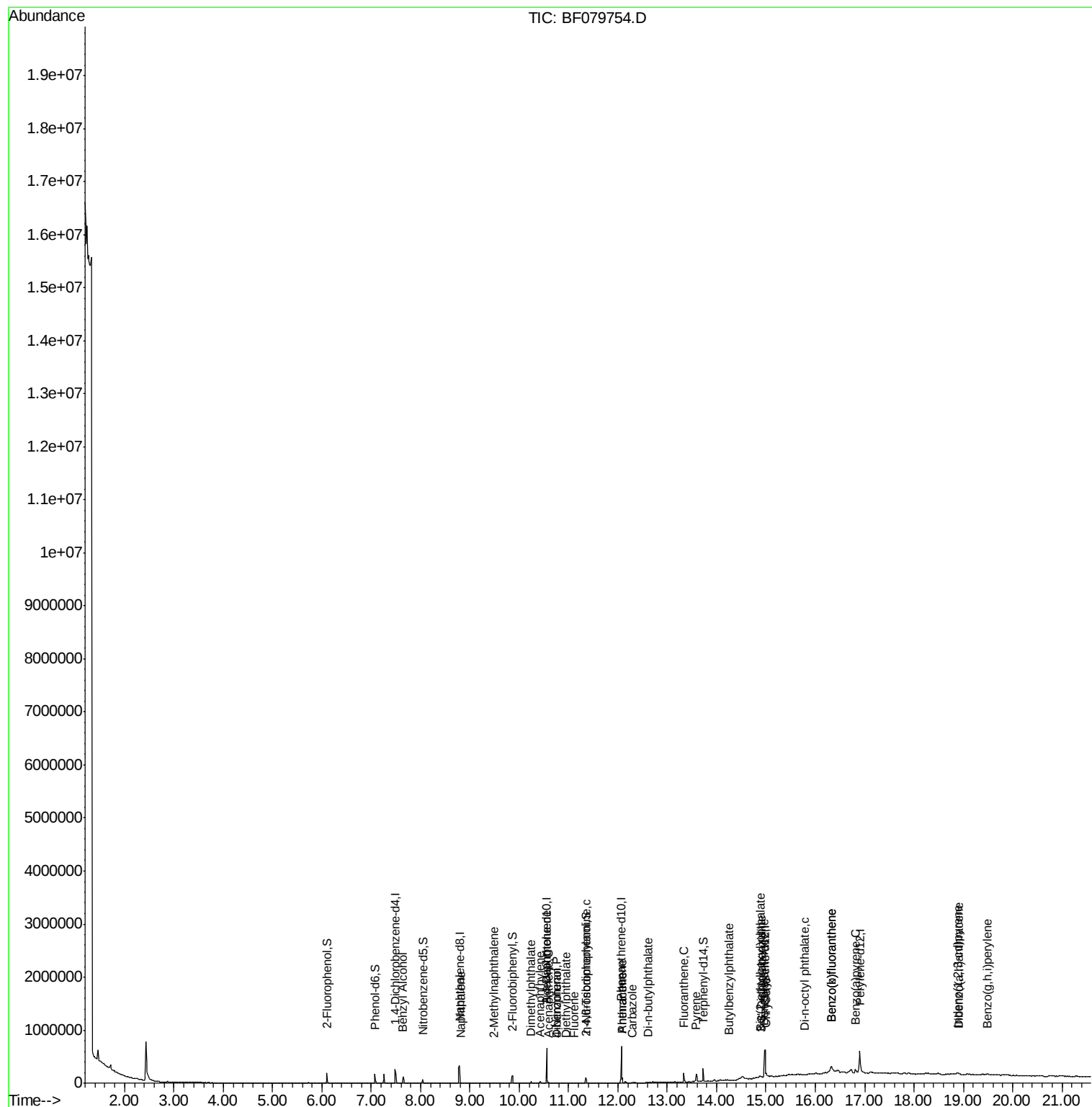
Target Compounds						Qvalue
15) Benzyl Alcohol	7.64	79	529	0.16	ng	# 32
31) Naphthalene	8.81	128	1382	0.13	ng	# 68
37) 2-Methylnaphthalene	9.50	142	553	0.08	ng	# 67
48) Acenaphthylene	10.42	152	14526	1.05	ng	98
49) Dimethylphthalate	10.24	163	14405	1.59	ng	100
51) Acenaphthene	10.59	154	3635	0.47	ng	96
54) Dibenzofuran	10.76	168	944	0.09	ng	# 90
55) 4-Nitrophenol	10.76	139	323	0.23	ng	# 9
56) 2,4-Dinitrotoluene	10.56	165	14302	11.00	ng	# 32
57) Fluorene	11.11	166	4112	0.43	ng	# 88
59) Diethylphthalate	10.95	149	230	0.03	ng	# 58
65) n-Nitrosodiphenylamine	11.35	169	390	0.05	ng	# 23
70) Phenanthrene	12.09	178	34411	2.51	ng	98
71) Anthracene	12.09	178	34411	2.54	ng	98
72) Carbazole	12.29	167	2136	0.17	ng	# 90
73) Di-n-butylphthalate	12.61	149	507	0.03	ng	# 65
74) Fluoranthene	13.34	202	70645	4.70	ng	97
77) Pyrene	13.59	202	73758	4.58	ng	98
79) Butylbenzylphthalate	14.25	149	1375	0.21	ng	# 76
80) Benzo(a)anthracene	14.96	228	44860	2.79	ng	93
81) 3,3'-Dichlorobenzidine	14.90	252	475	0.09	ng	# 24
82) Chrysene	15.01	228	37350	2.51	ng	97
83) Bis(2-ethylhexyl)phthalate	14.88	149	2334	0.23	ng	# 98
84) Di-n-octyl phthalate	15.78	149	344	0.02	ng	# 74
85) Indeno(1,2,3-cd)pyrene	18.88	276	25758	1.50	ng	97
87) Benzo(b)fluoranthene	16.32	252	64874	4.13	ng	# 89
88) Benzo(k)fluoranthene	16.32	252	64874	4.31	ng	# 91
89) Benzo(a)pyrene	16.81	252	38026	2.62	ng	# 92
90) Dibenzo(a,h)anthracene	18.90	278	8609	0.62	ng	# 57
91) Benzo(g,h,i)perylene	19.49	276	27545	1.91	ng	# 91

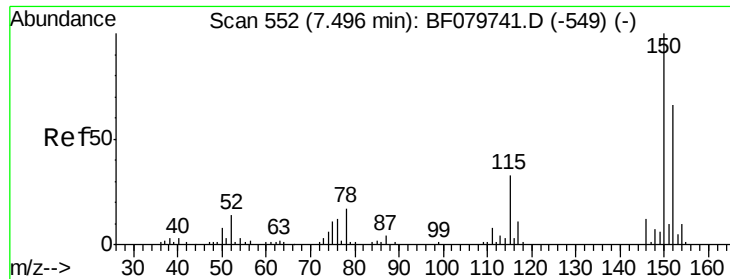
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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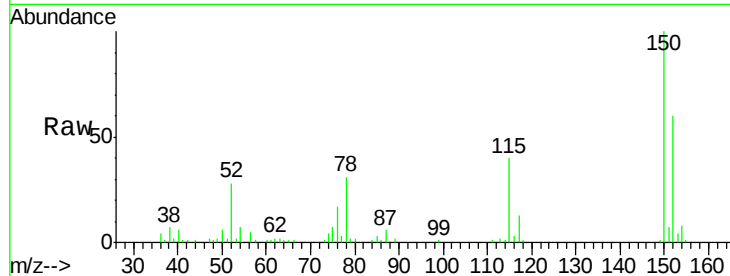


#1

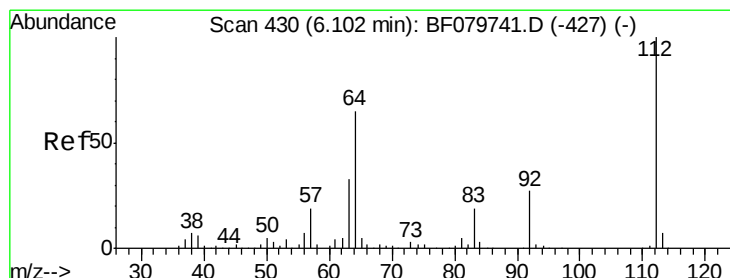
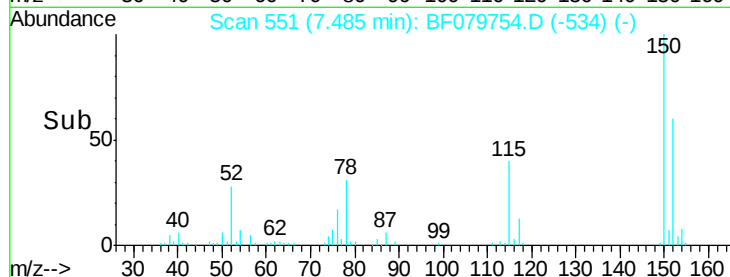
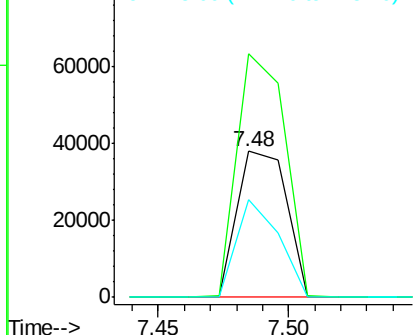
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion:152 Resp: 50486
Ion Ratio Lower Upper
152 100
150 166.8 128.1 192.1
115 67.2 49.7 74.5



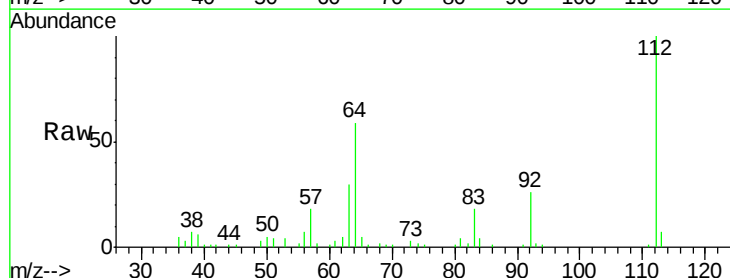
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



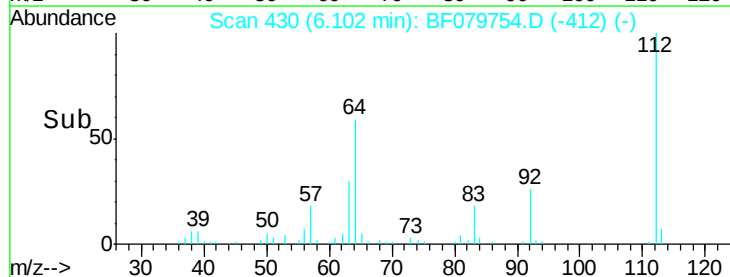
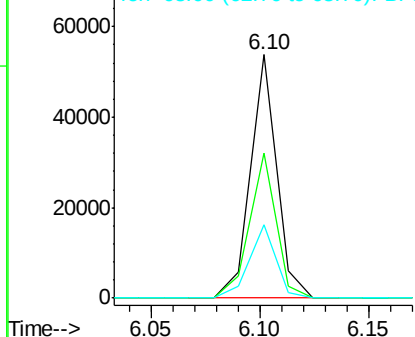
#5

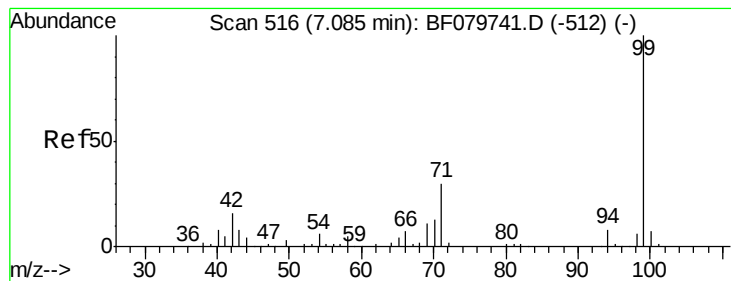
2-Fluorophenol
Concen: 7.45 ng
RT: 6.10 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion:112 Resp: 44893
Ion Ratio Lower Upper
112 100
64 59.5 49.6 74.4
63 30.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.24 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

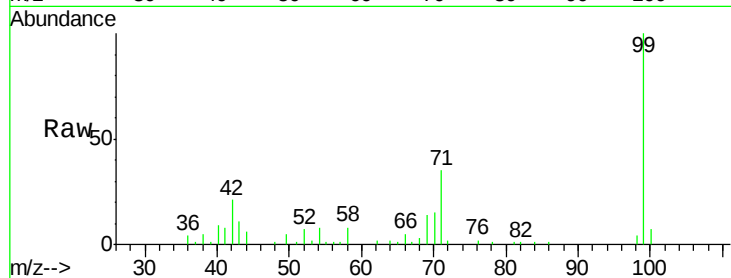
Tot Ion: 99 Resp: 56337

Ion Ratio Lower Upper

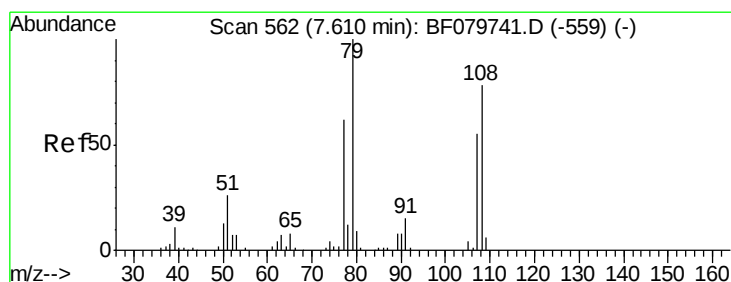
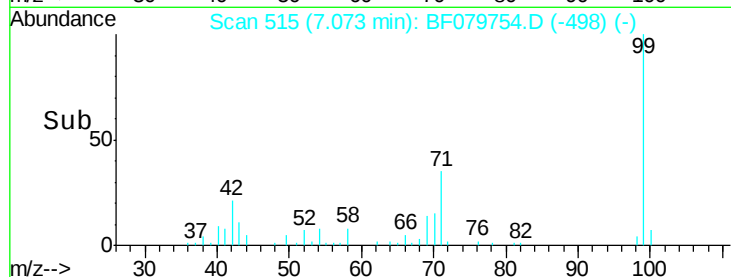
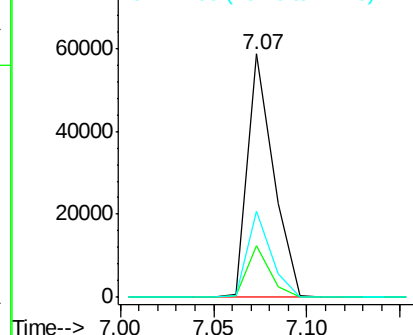
99 100

42 21.1 18.0 27.0

71 35.3 28.4 42.6



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: 0.16 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

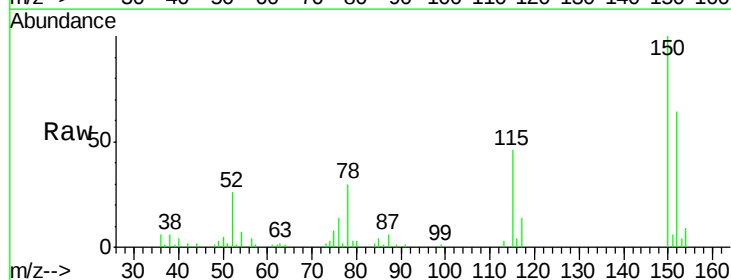
Tgt Ion: 79 Resp: 529

Ion Ratio Lower Upper

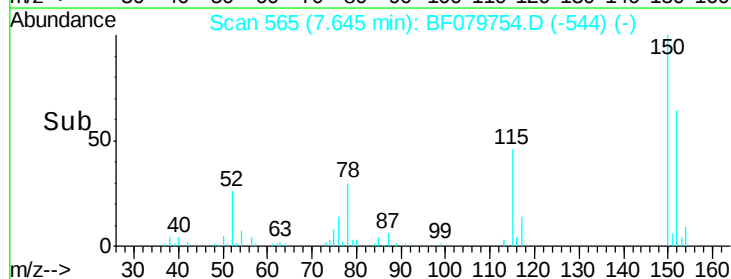
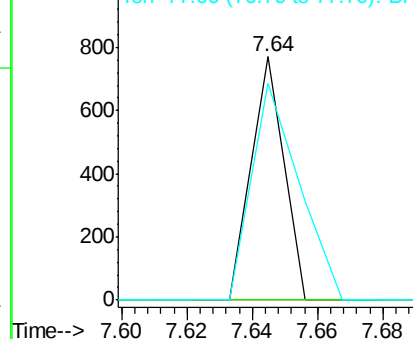
79 100

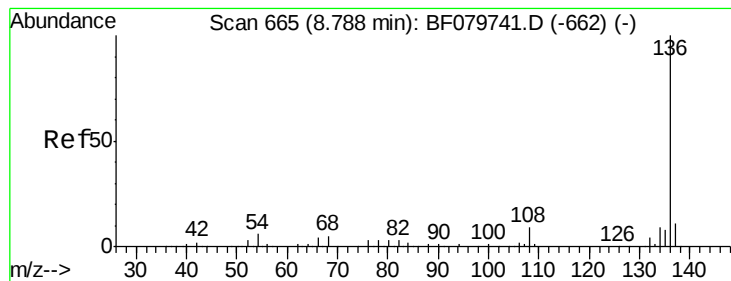
108 0.0 68.4 102.6#

77 88.8 50.0 75.0#



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

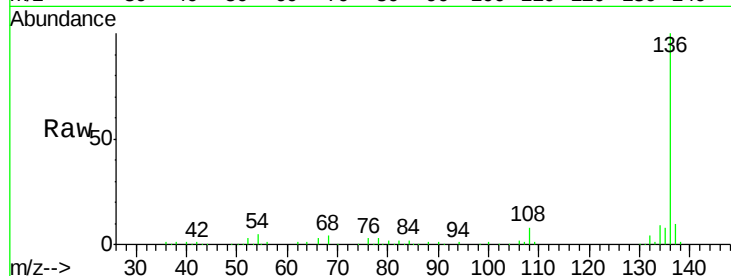




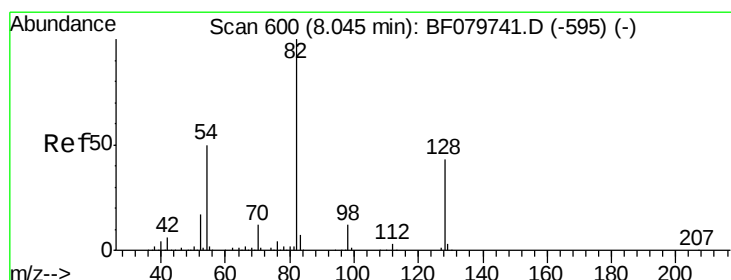
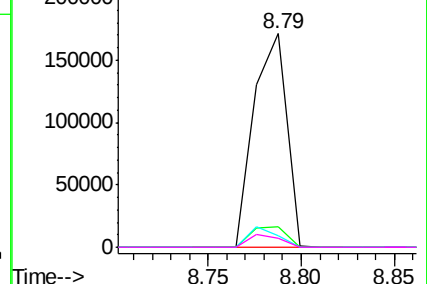
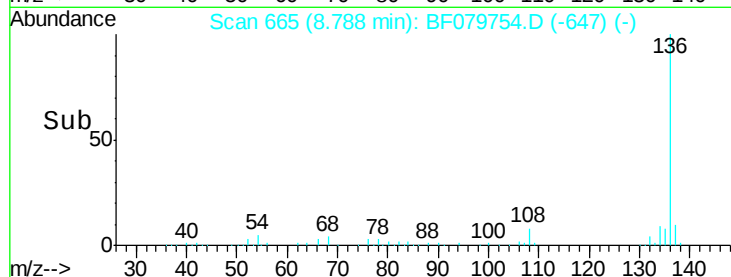
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion:136	Resp:	207850
Ion Ratio	Lower	Upper
136	100	
137	9.7	8.8 13.2
54	5.4	8.7 13.1#
68	4.1	5.8 8.8#

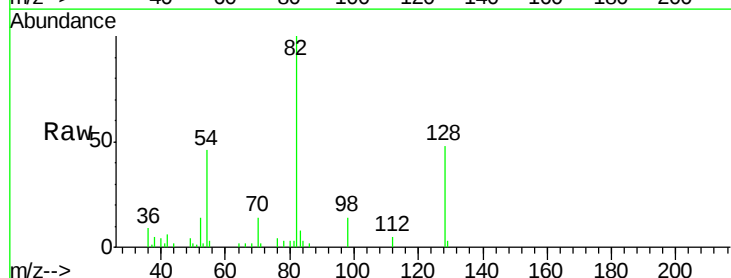


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

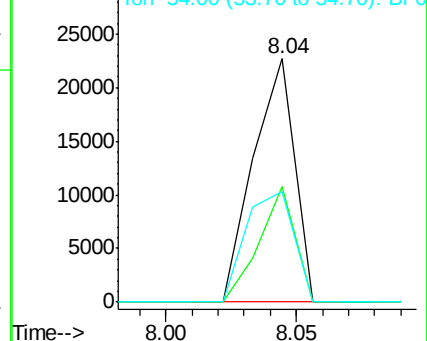
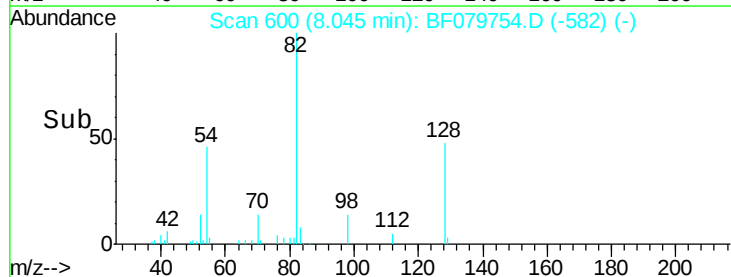


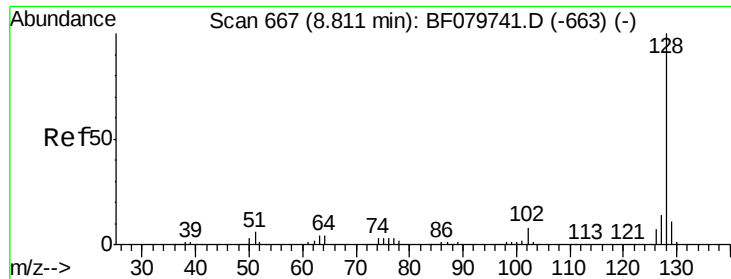
#23
Nitrobenzene-d5
Concen: 3.66 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion: 82	Resp:	24757
Ion Ratio	Lower	Upper
82	100	
128	47.7	37.6 56.4
54	45.6	39.4 59.2



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

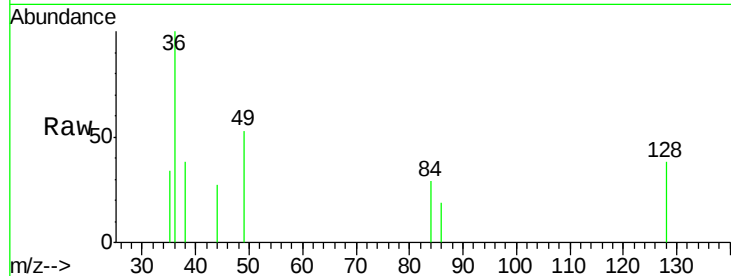




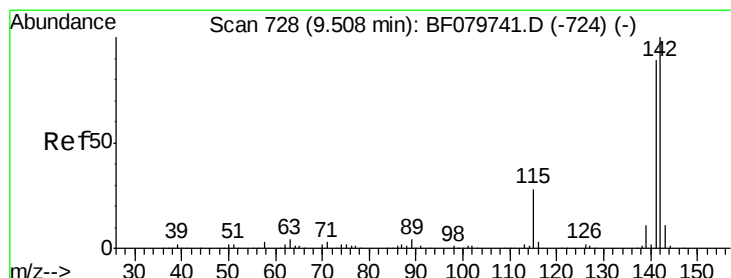
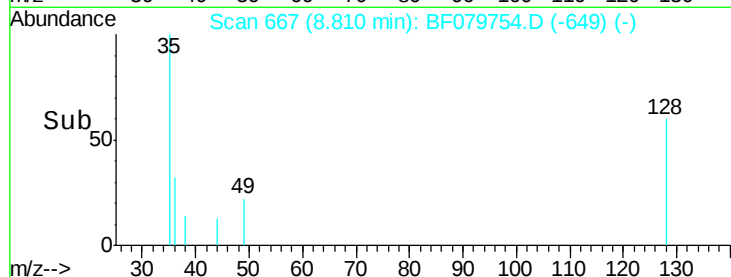
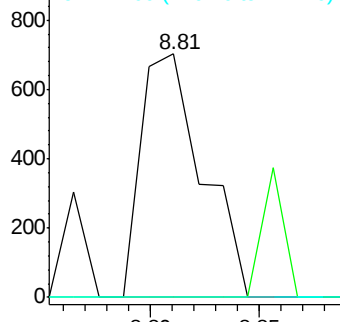
#31
Naphthalene
Concen: 0.13 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion:128 Resp: 1382
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 10.7 16.1#

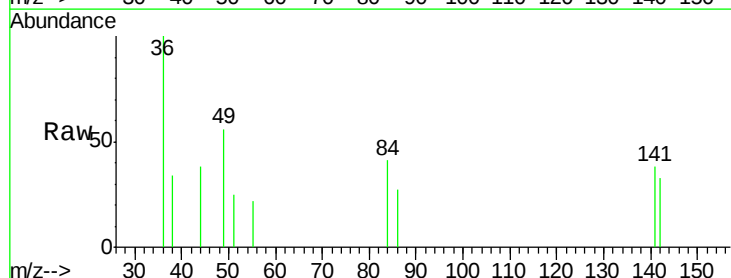


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

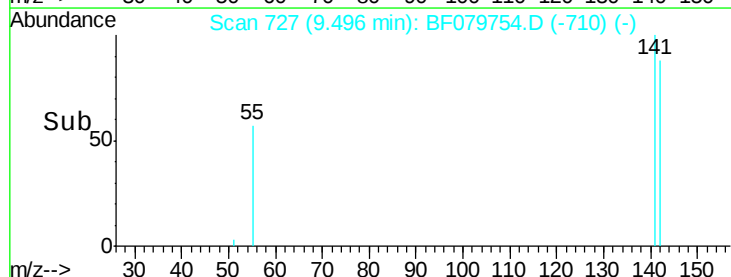
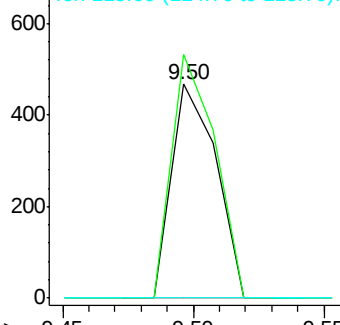


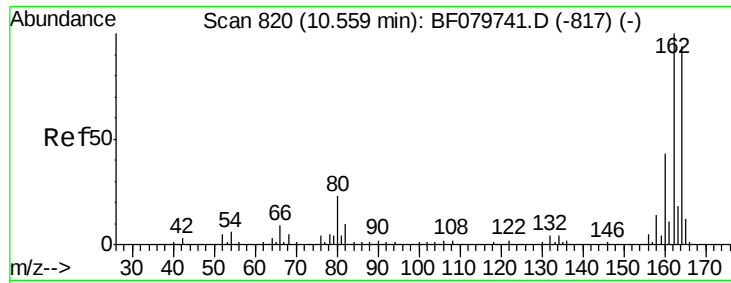
#37
2-Methylnaphthalene
Concen: 0.08 ng
RT: 9.50 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion:142 Resp: 553
Ion Ratio Lower Upper
142 100
141 113.7 72.8 109.2#
115 0.0 26.9 40.3#



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

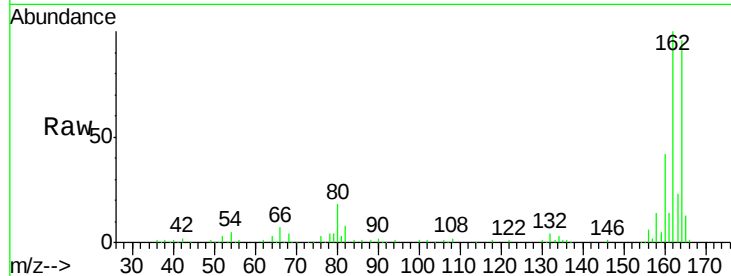




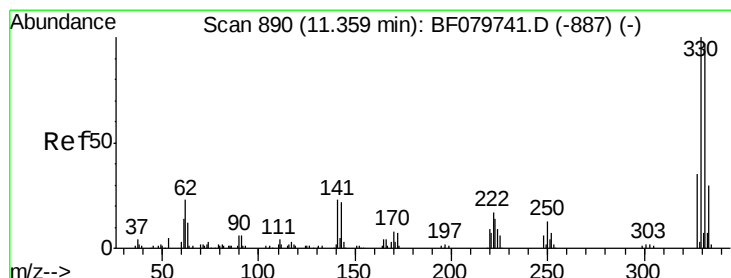
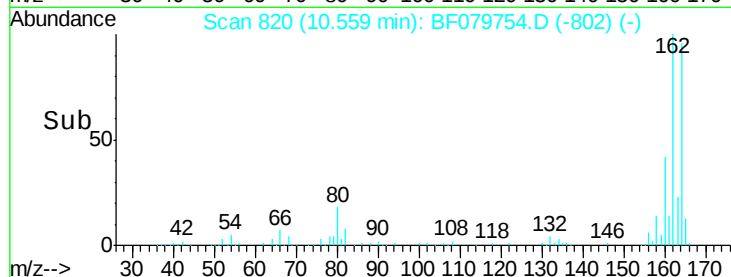
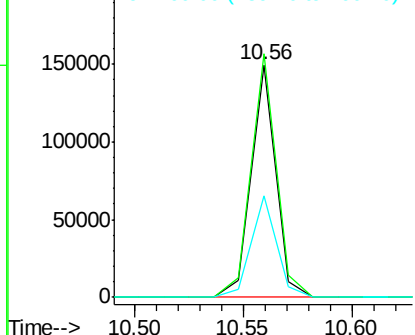
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:164 Resp: 117526
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 43.9 36.8 55.2

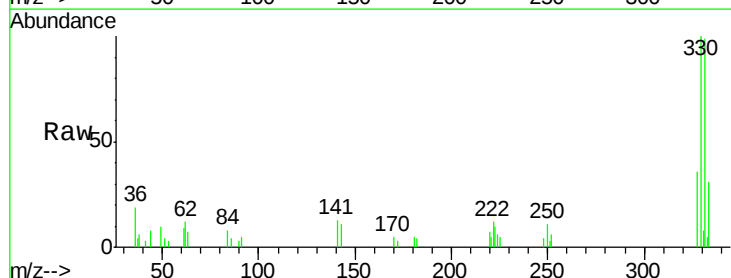


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

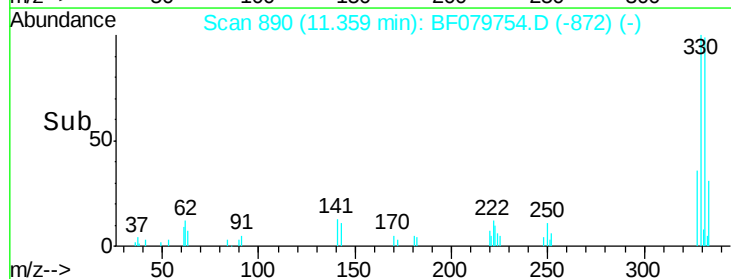
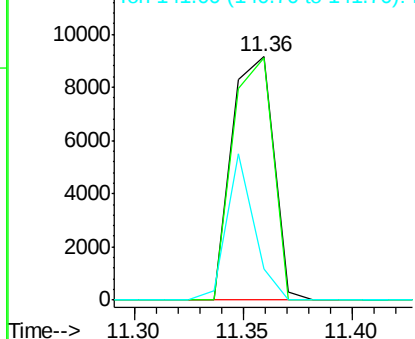


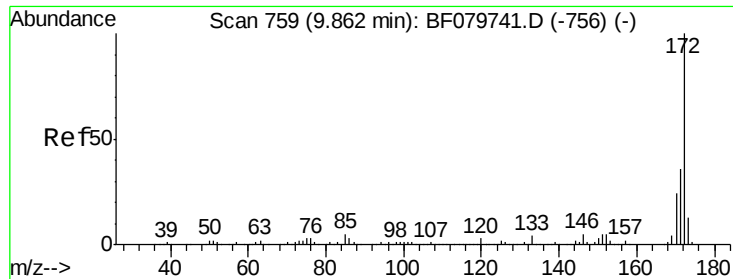
#41
 2,4,6-Tribromophenol
 Concen: 5.42 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

Tgt Ion:330 Resp: 12177
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 39.5 30.2 45.2



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

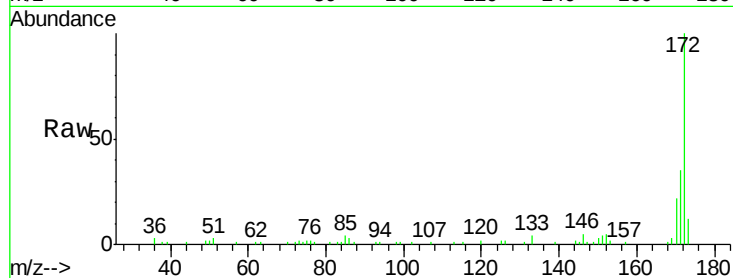




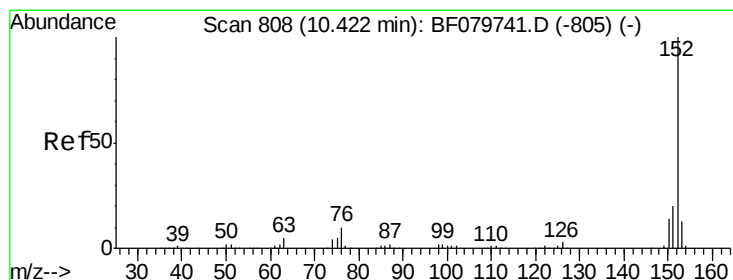
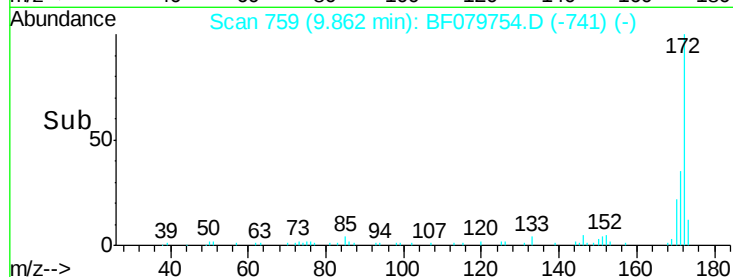
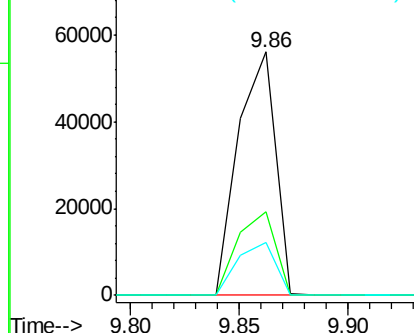
#44
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tot Ion:172 Resp: 66773
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.4 44.0
 170 21.8 19.7 29.5

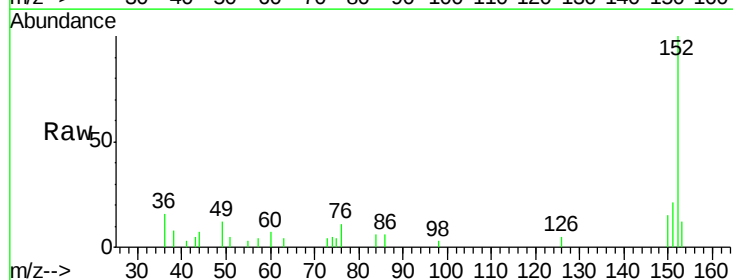


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

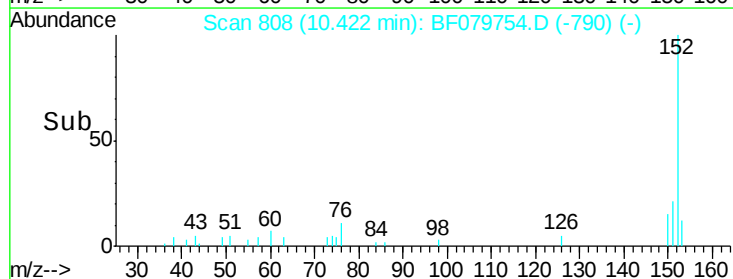
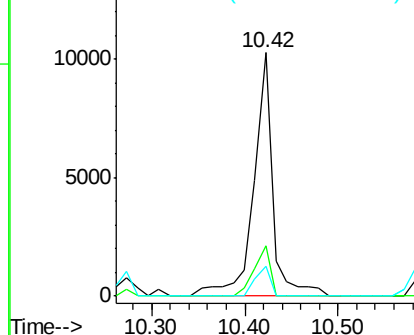


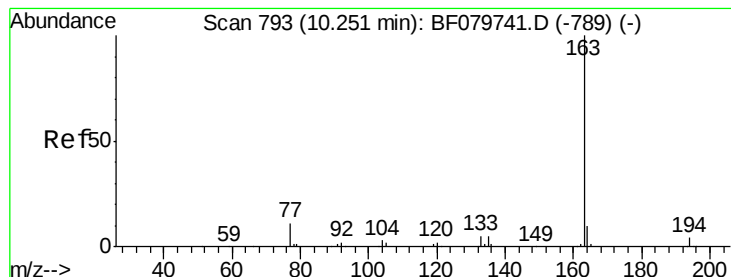
#48
 Acenaphthylene
 Concen: 1.05 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

Tgt Ion:152 Resp: 14526
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.2 24.4
 153 12.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 1.59 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

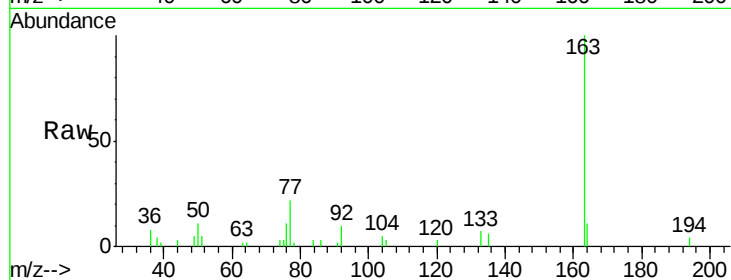
Tot Ion:163 Resp: 14405

Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

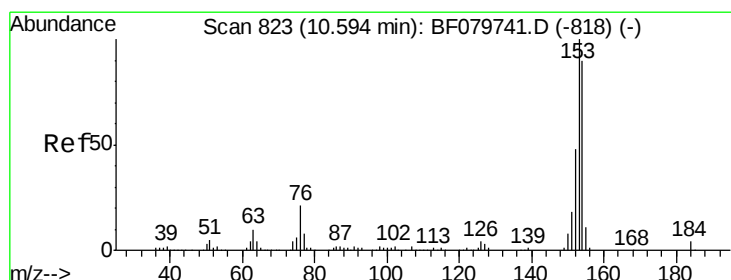
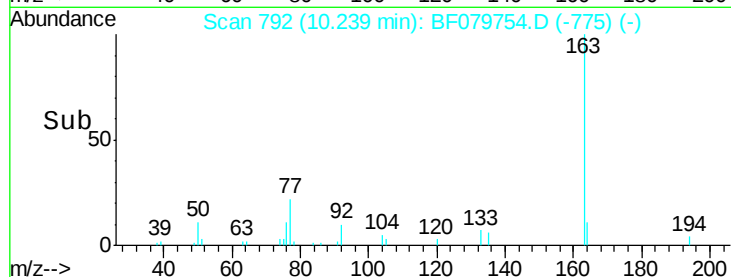
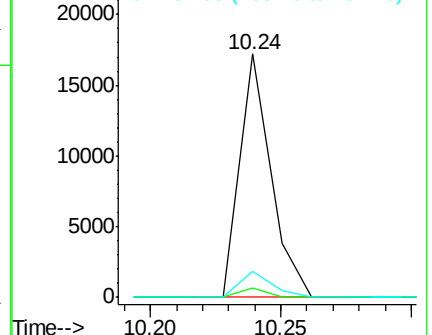
164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 0.47 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

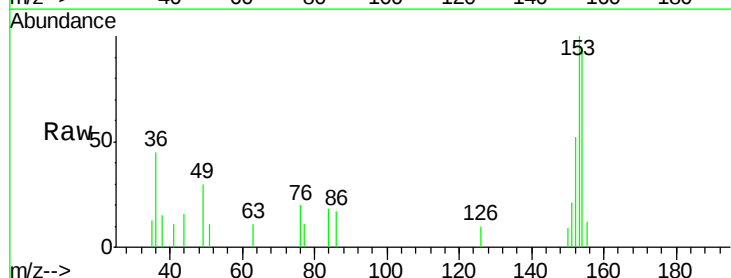
Tgt Ion:154 Resp: 3635

Ion Ratio Lower Upper

154 100

153 106.5 90.1 135.1

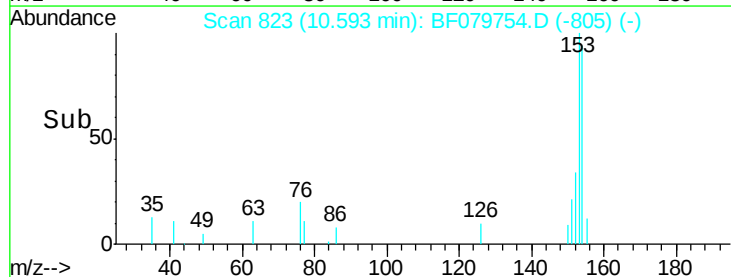
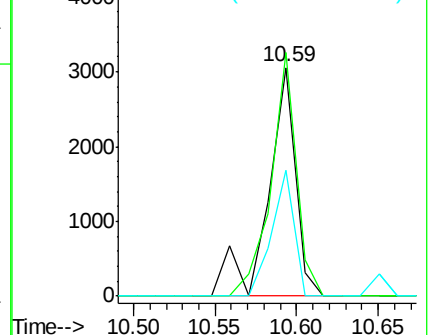
152 54.9 43.4 65.0

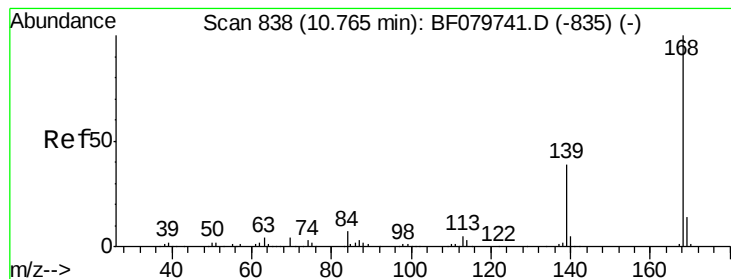


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 0.09 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

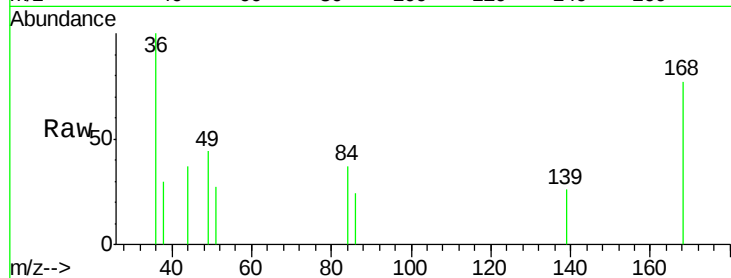
Tot Ion:168 Resp: 944

Ion Ratio Lower Upper

168 100

139 34.2 27.7 41.5

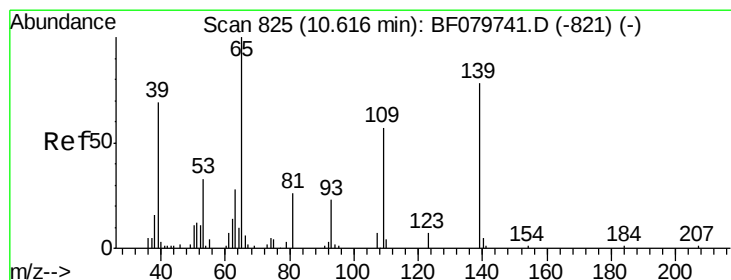
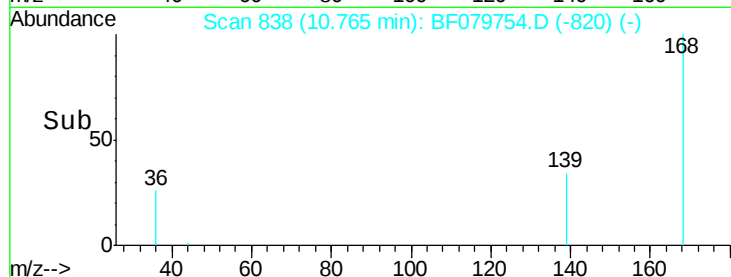
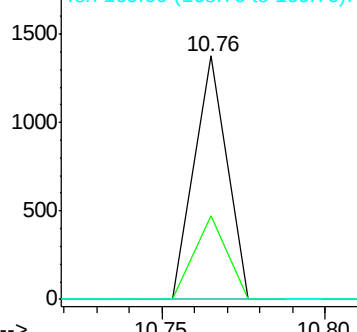
169 0.0 11.0 16.4#



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



#55

4-Nitrophenol

Concen: 0.23 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.14 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

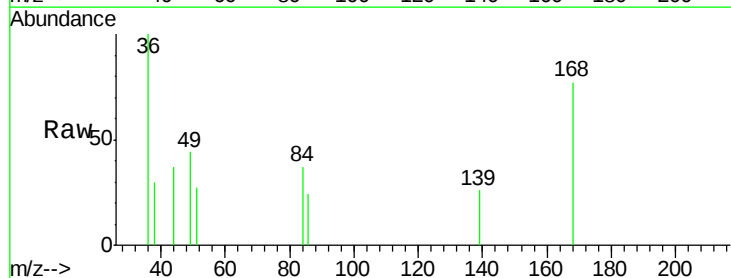
Tgt Ion:139 Resp: 323

Ion Ratio Lower Upper

139 100

109 0.0 44.2 84.2#

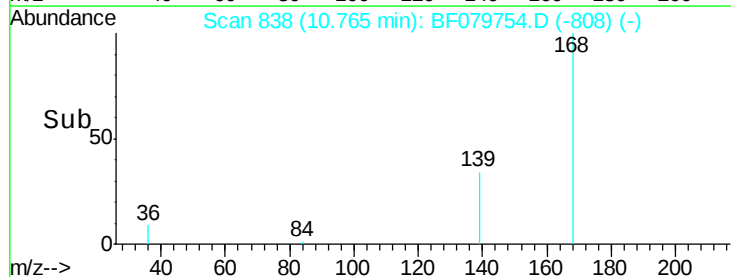
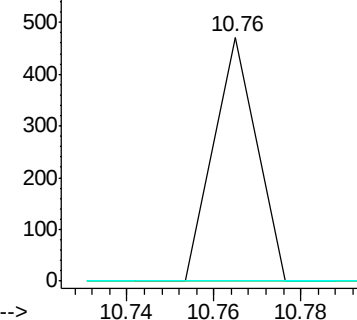
65 0.0 72.3 112.3#

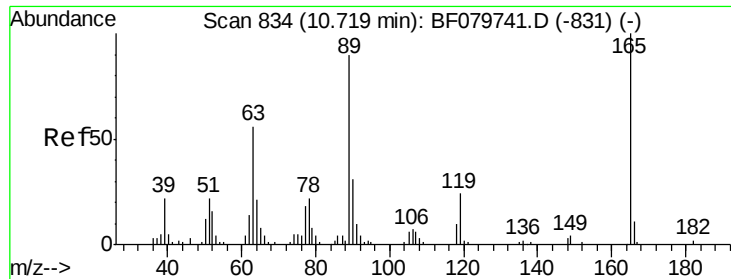


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

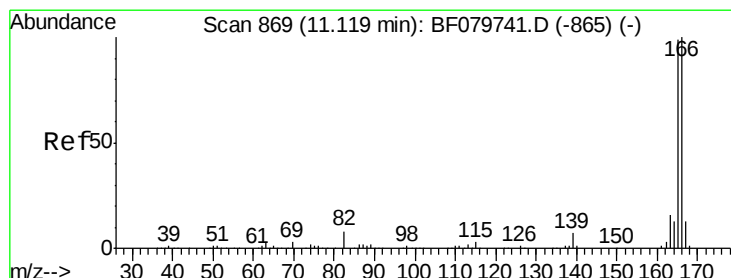
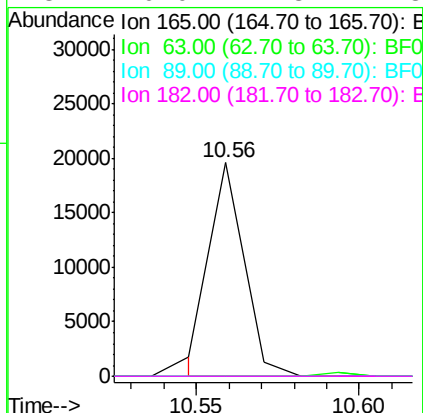
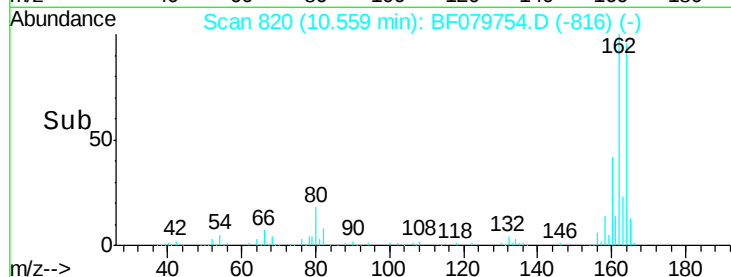
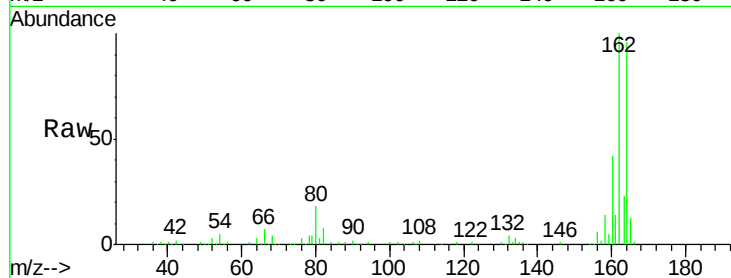




#56
2,4-Dinitrotoluene
Concen: 11.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.16 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

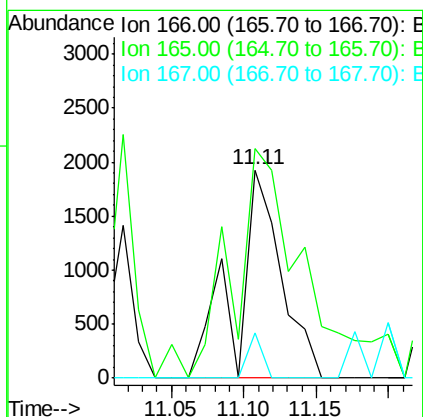
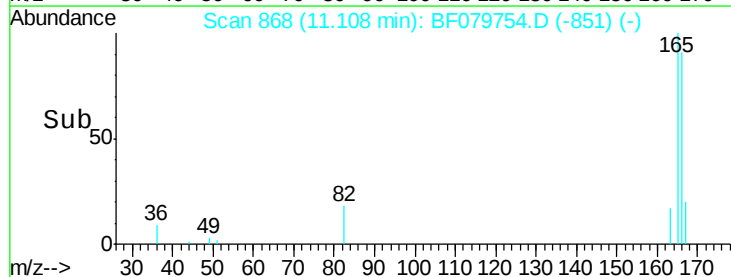
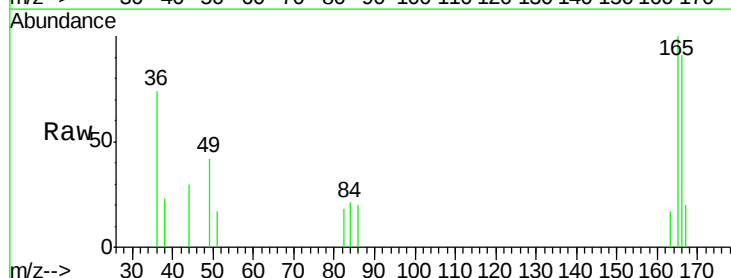
Instrument :
BNA_F
ClientSampleId :
SP-8

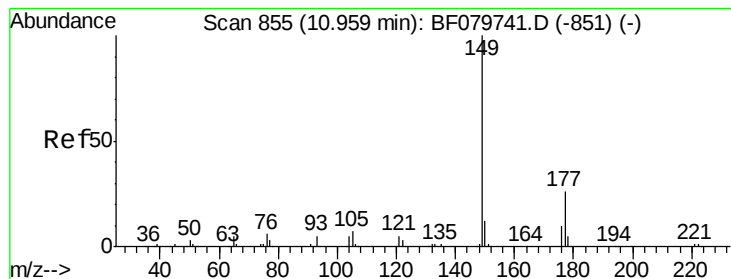
Tot Ion:165 Resp: 14302
Ion Ratio Lower Upper
165 100
63 0.0 24.7 37.1#
89 0.0 45.7 68.5#
182 0.0 1.8 2.8#



#57
Fluorene
Concen: 0.43 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion:166 Resp: 4112
Ion Ratio Lower Upper
166 100
165 110.2 79.4 119.0
167 21.8 11.0 16.4#





#59

Diethylphthalate

Concen: 0.03 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

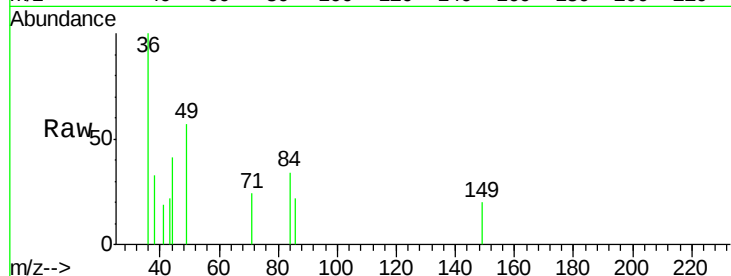
Tot Ion:149 Resp: 230

Ion Ratio Lower Upper

149 100

177 0.0 18.1 27.1#

150 0.0 10.5 15.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.95

400

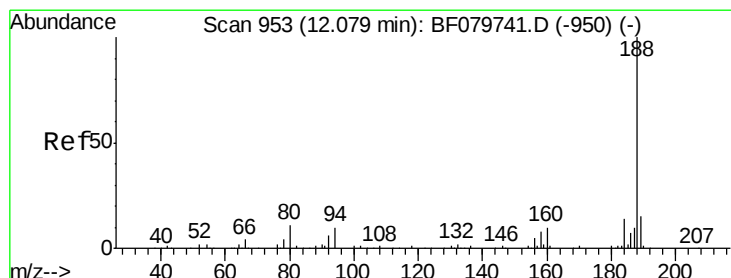
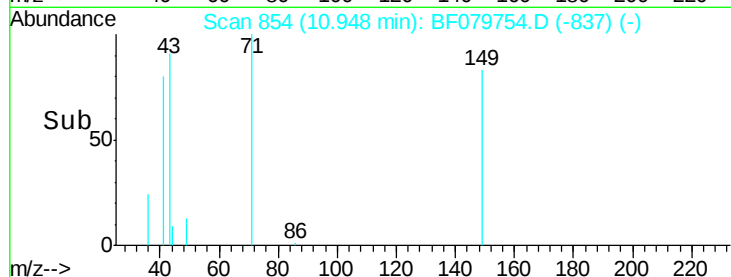
300

200

100

0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.07 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

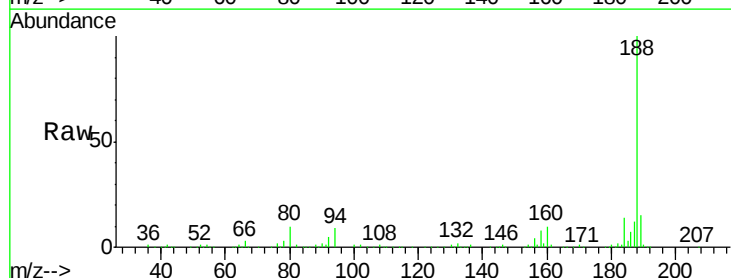
Tgt Ion:188 Resp: 234354

Ion Ratio Lower Upper

188 100

94 8.9 5.0 7.4#

80 10.0 5.3 7.9#



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

12.07

400000

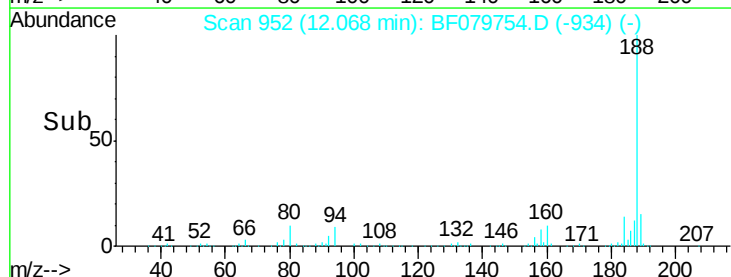
300000

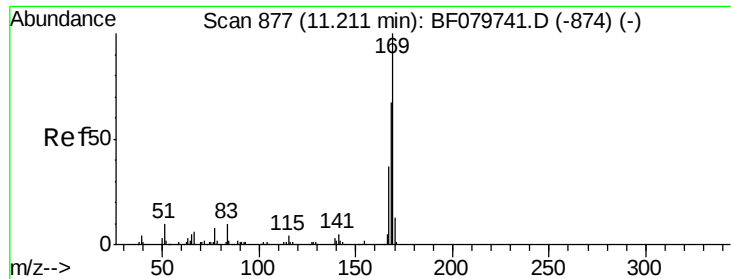
200000

100000

0

Time-->

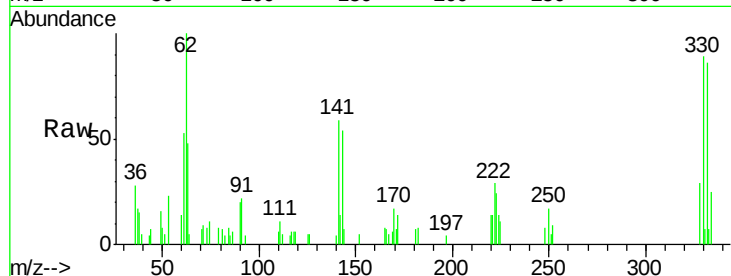




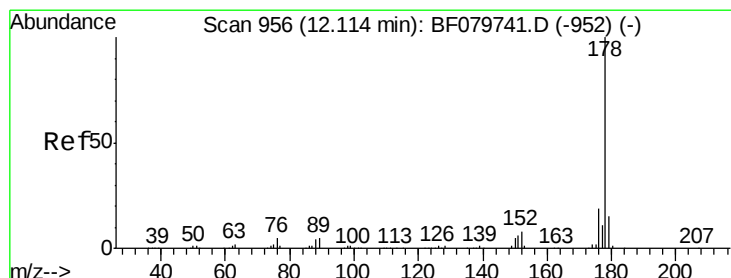
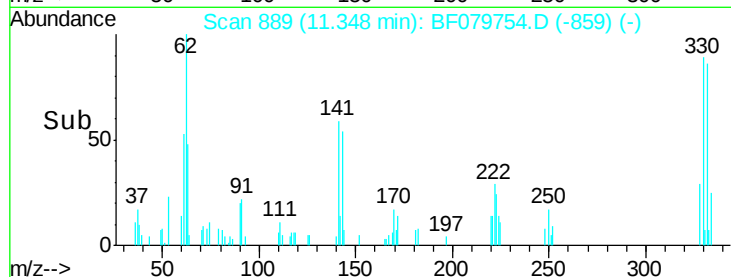
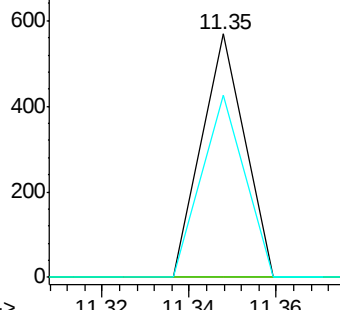
#65
n-Nitrosodiphenylamine
Concen: 0.05 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion:169 Resp: 390
Ion Ratio Lower Upper
169 100
168 0.0 54.8 82.2#
167 74.9 29.7 44.5#

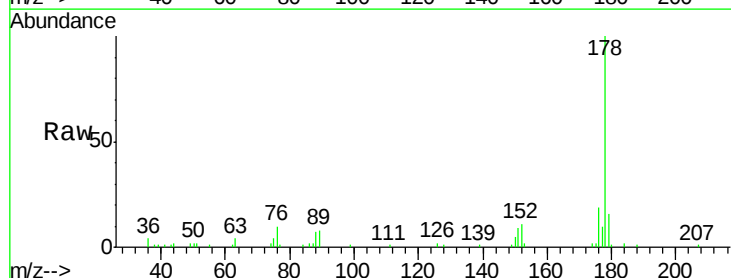


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

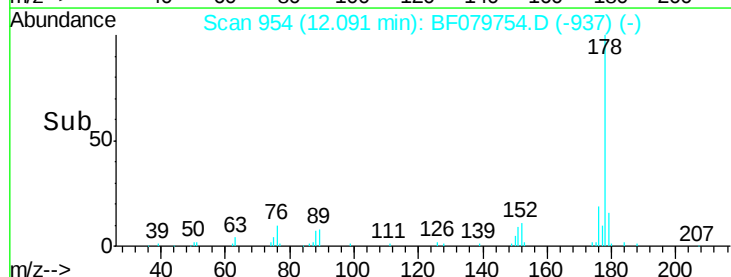
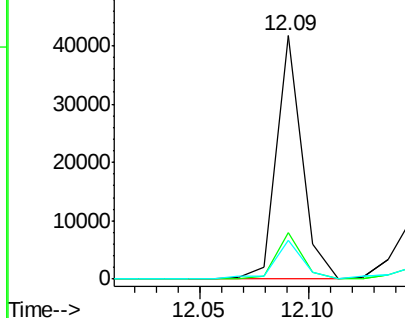


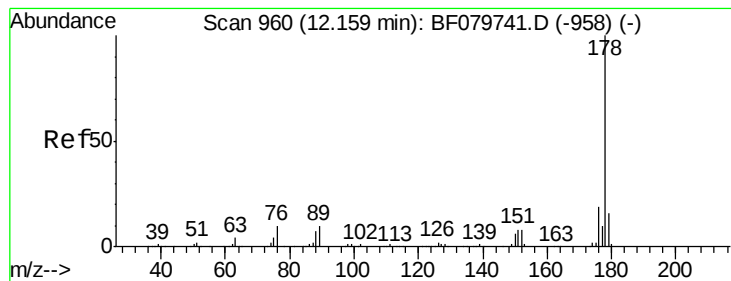
#70
Phenanthrene
Concen: 2.51 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion:178 Resp: 34411
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 16.0 12.6 19.0



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





#71

Anthracene

Concen: 2.54 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampled :

SP-8

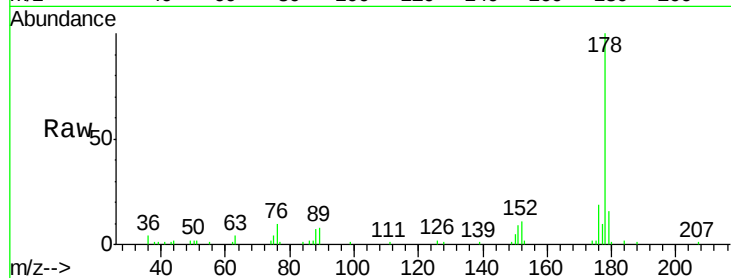
Tot Ion:178 Resp: 34411

Ion Ratio Lower Upper

178 100

176 19.1 14.8 22.2

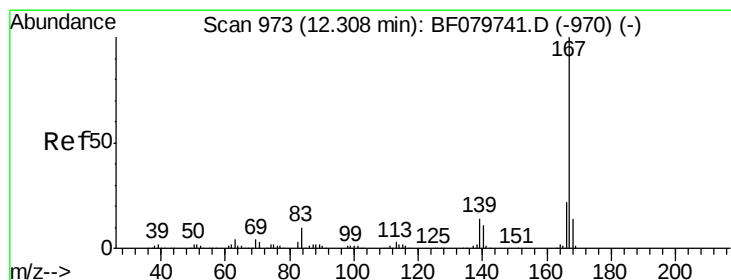
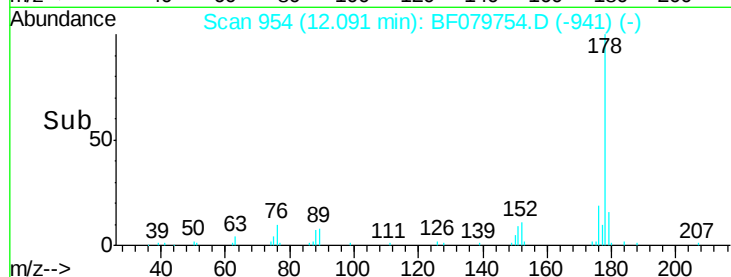
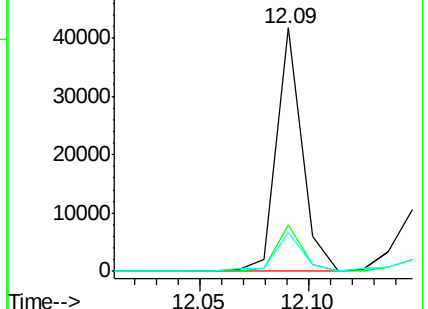
179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.17 ng

RT: 12.29 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

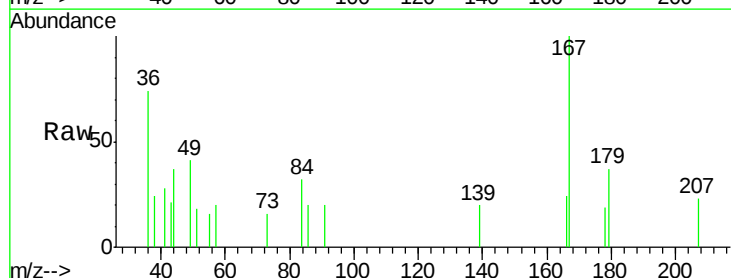
Tgt Ion:167 Resp: 2136

Ion Ratio Lower Upper

167 100

166 23.8 17.7 26.5

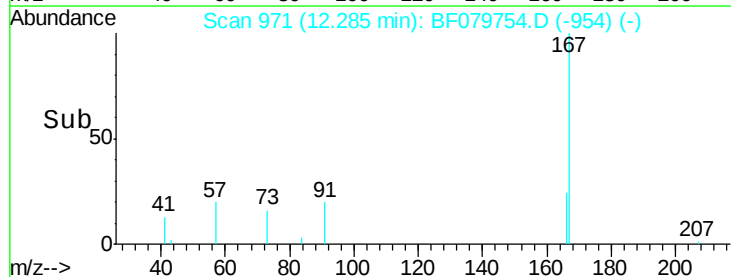
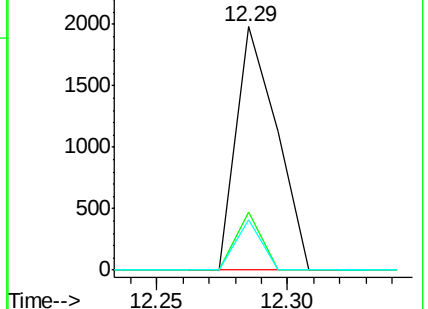
139 20.5 9.3 13.9#

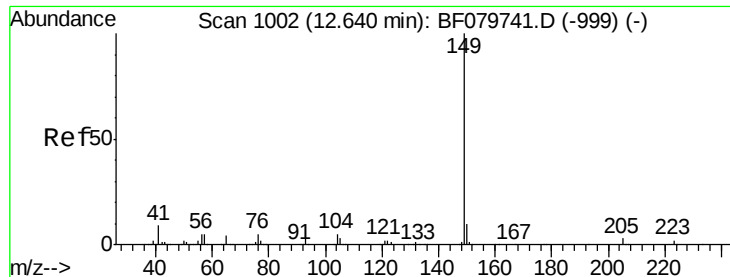


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 12.61 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

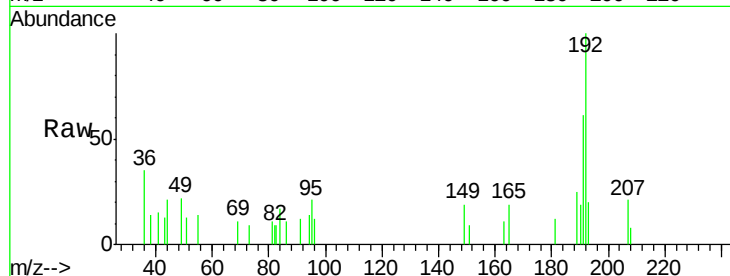
Tot Ion:149 Resp: 507

Ion Ratio Lower Upper

149 100

150 0.0 9.8 14.8#

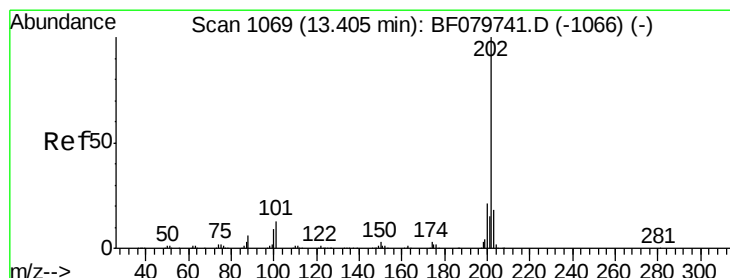
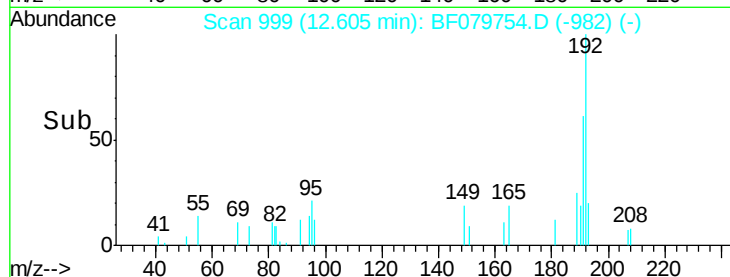
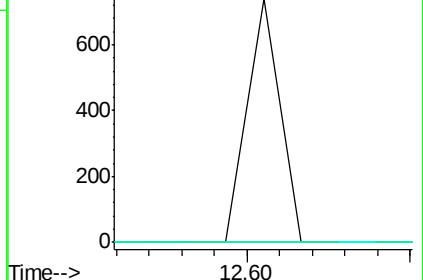
104 0.0 12.9 19.3#



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: 4.70 ng

RT: 13.34 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

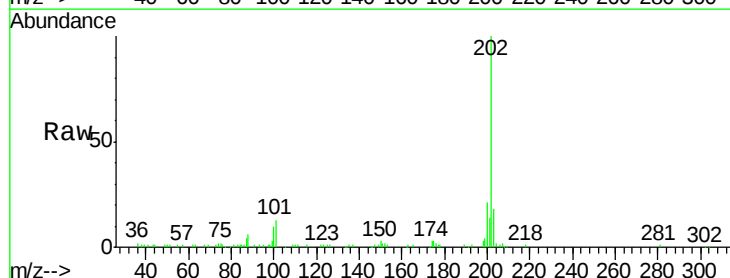
Tgt Ion:202 Resp: 70645

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.3

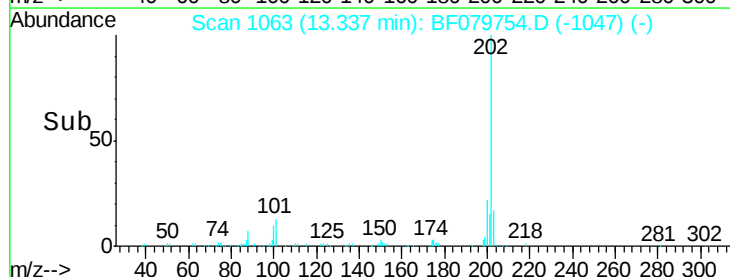
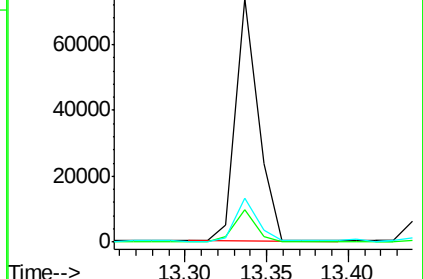
203 18.0 0.0 38.4

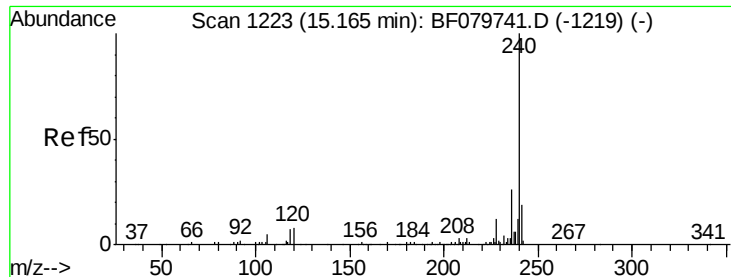


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.98 min Scan# 1207

Delta R.T. -0.03 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampled :

SP-8

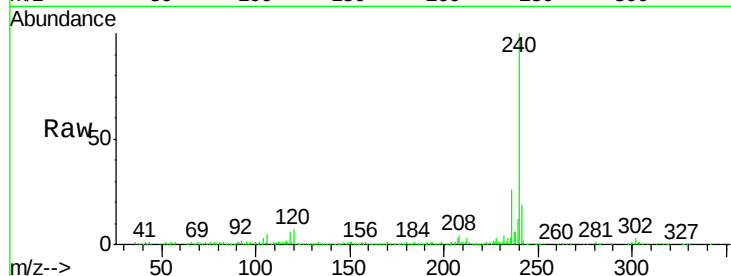
Tot Ion:240 Resp: 262673

Ion Ratio Lower Upper

240 100

120 7.1 6.2 9.2

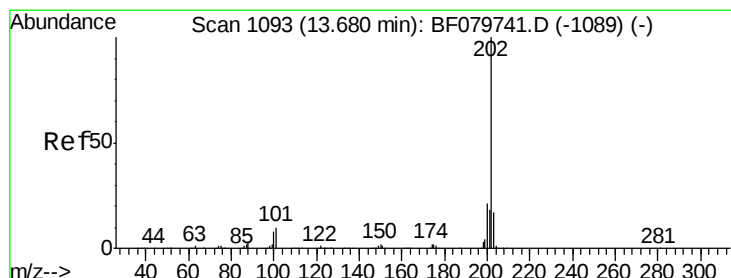
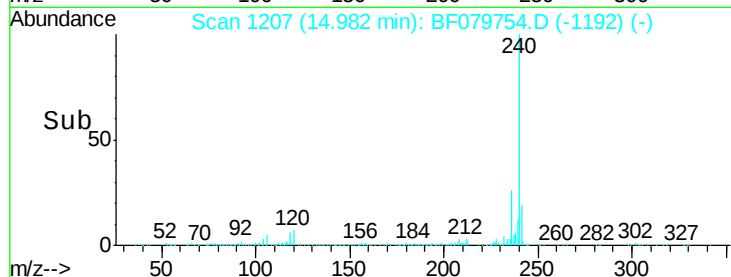
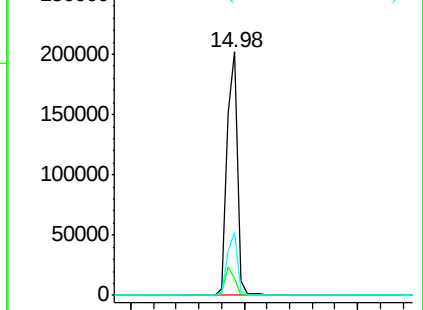
236 25.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.58 ng

RT: 13.59 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

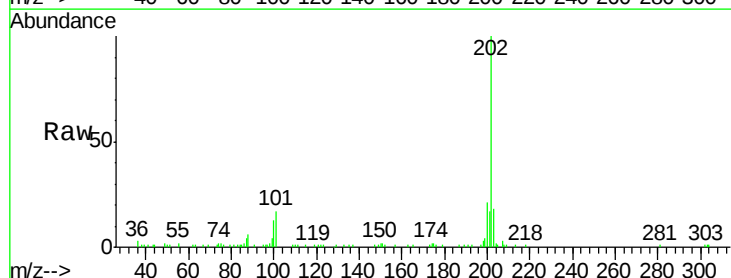
Tgt Ion:202 Resp: 73758

Ion Ratio Lower Upper

202 100

200 20.7 17.5 26.3

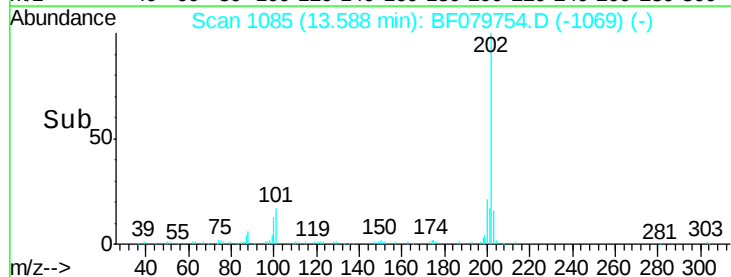
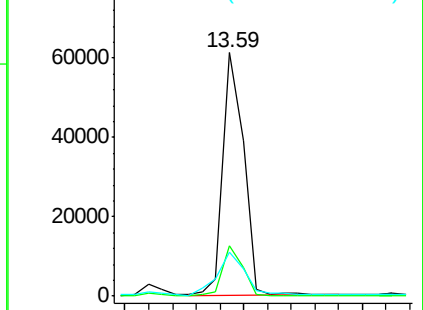
203 17.9 14.8 22.2

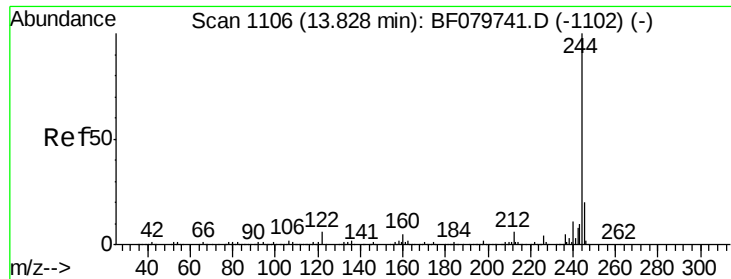


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3.54 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampled :

SP-8

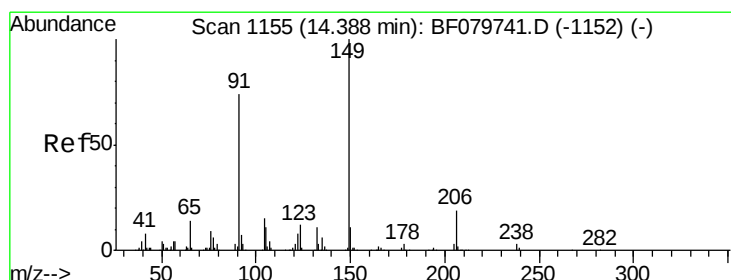
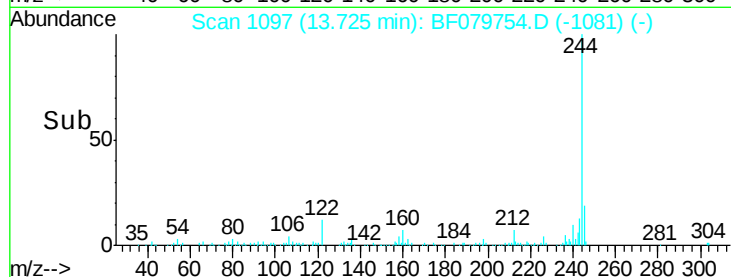
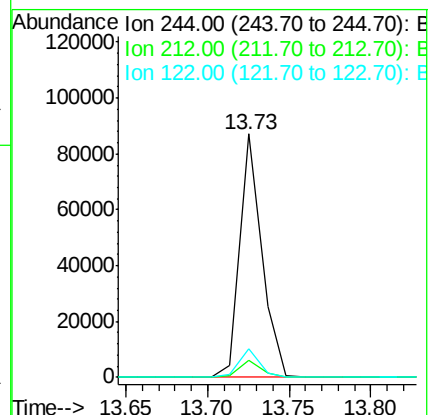
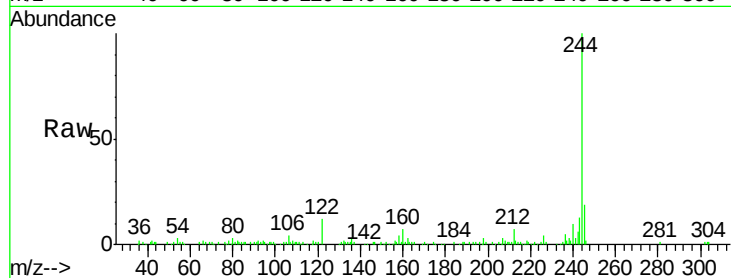
Tot Ion:244 Resp: 81120

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 12.0 9.3 13.9



#79

Butylbenzylphthalate

Concen: 0.21 ng

RT: 14.25 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

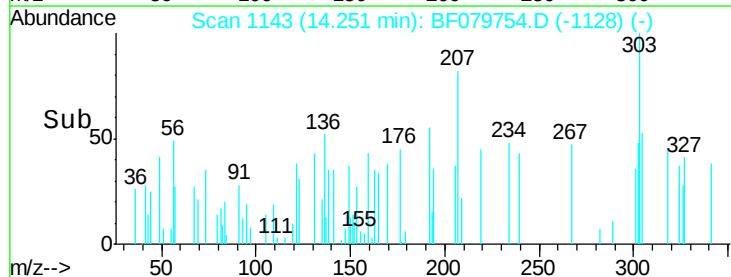
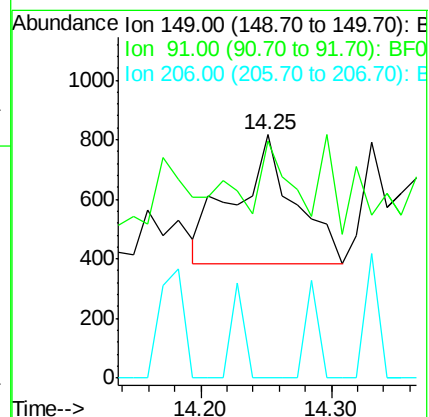
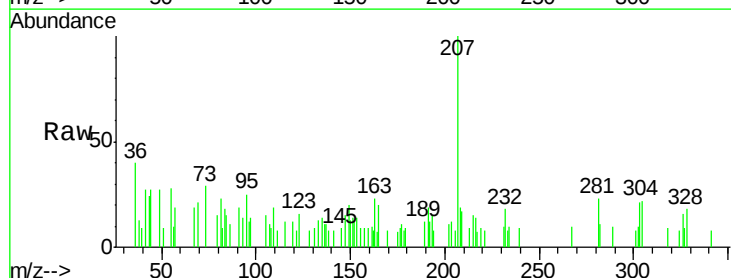
Tgt Ion:149 Resp: 1375

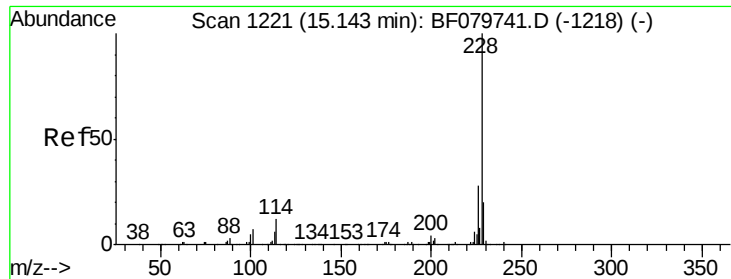
Ion Ratio Lower Upper

149 100

91 97.8 64.4 96.6#

206 0.0 14.8 22.2#

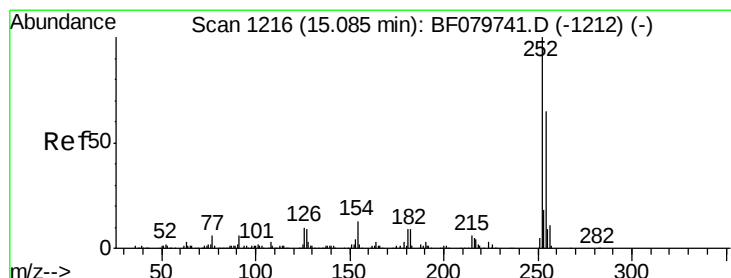
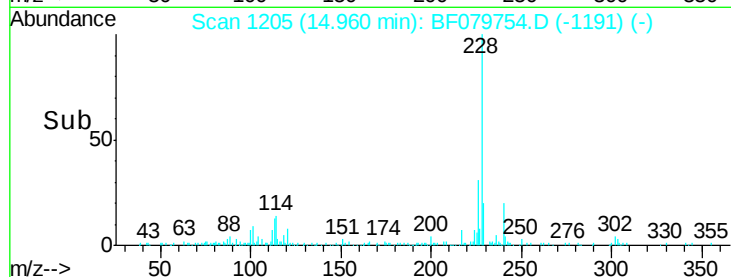
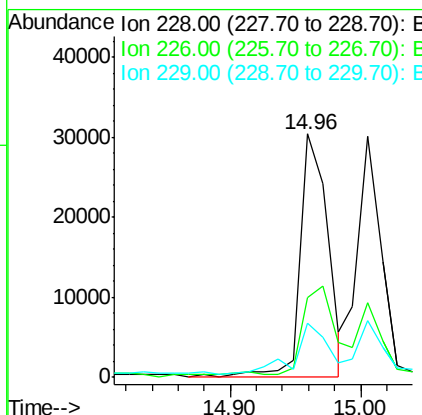
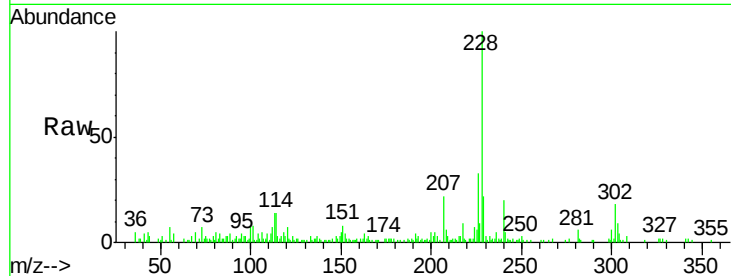




#80
Benzo(a)anthracene
Concen: 2.79 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.05 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

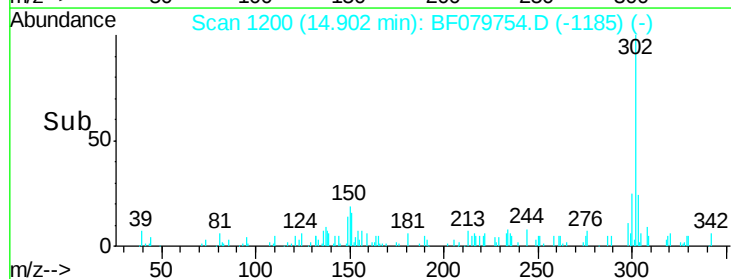
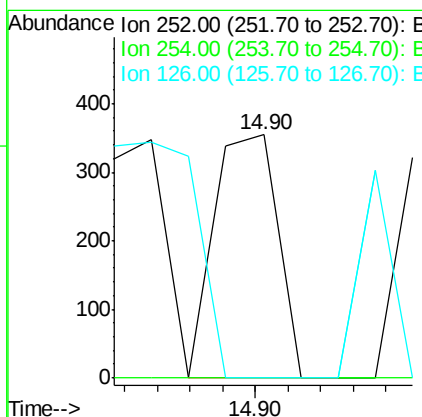
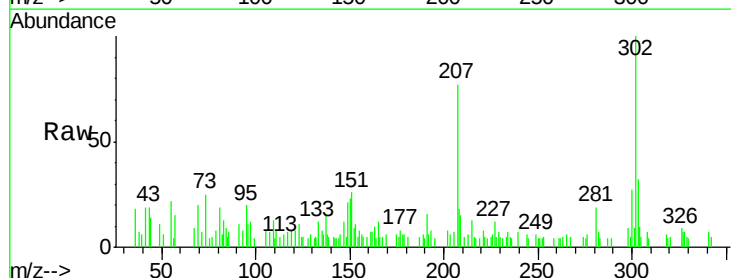
Instrument :
BNA_F
ClientSampleId :
SP-8

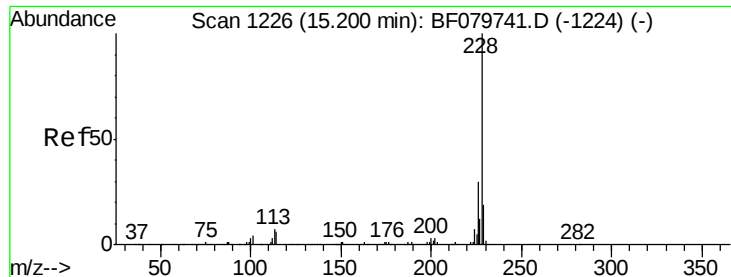
Tot Ion:228 Resp: 44860
Ion Ratio Lower Upper
228 100
226 32.7 22.2 33.4
229 22.4 16.6 25.0



#81
3,3'-Dichlorobenzidine
Concen: 0.09 ng
RT: 14.90 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion:252 Resp: 475
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 0.0 6.9 10.3#





#82

Chrysene

Concen: 2.51 ng

RT: 15.01 min Scan# 1209

Delta R.T. -0.05 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

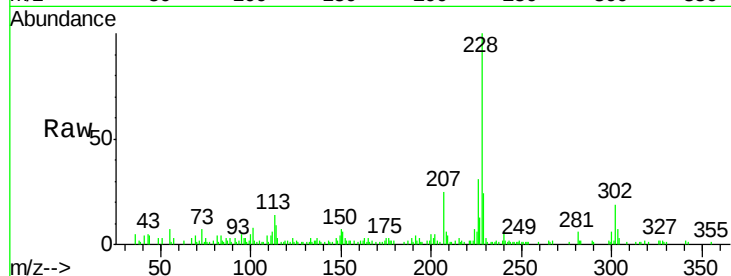
Tot Ion:228 Resp: 37350

Ion Ratio Lower Upper

228 100

226 30.9 25.2 37.8

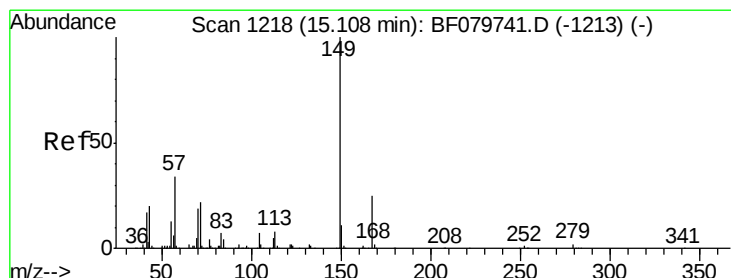
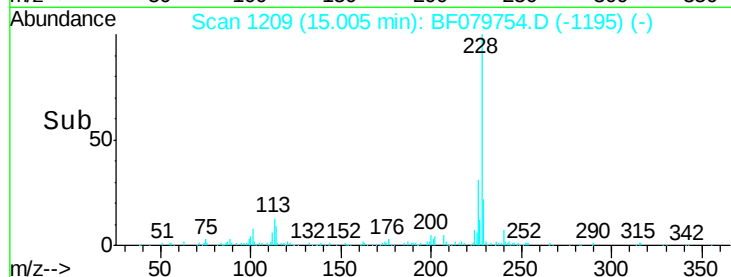
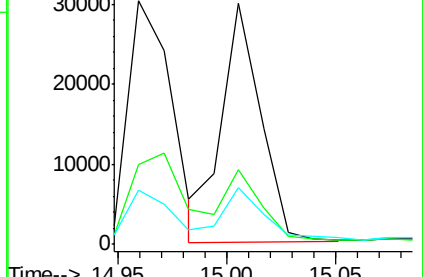
229 23.6 16.2 24.4



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: 0.23 ng

RT: 14.88 min Scan# 1198

Delta R.T. -0.08 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

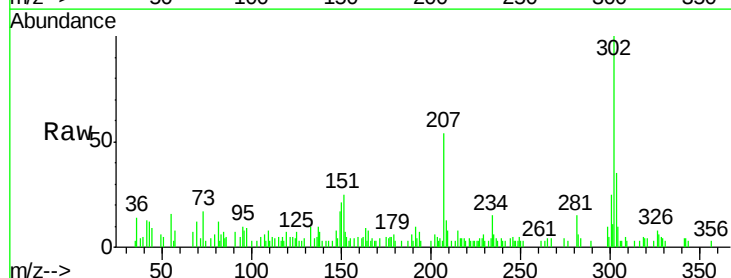
Tgt Ion:149 Resp: 2334

Ion Ratio Lower Upper

149 100

167 25.5 20.9 31.3

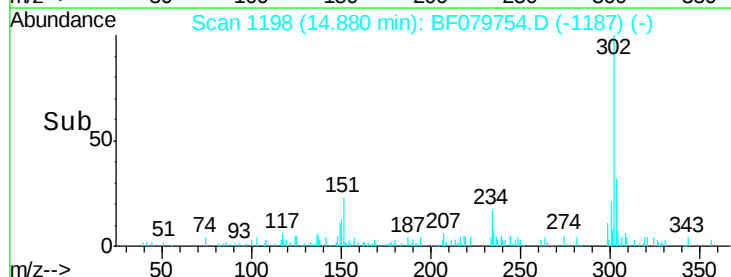
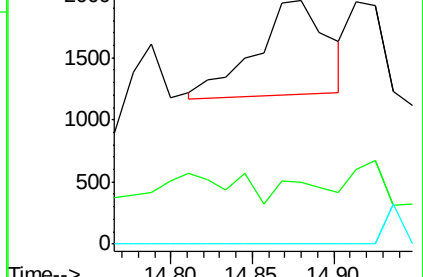
279 0.0 2.2 3.2#

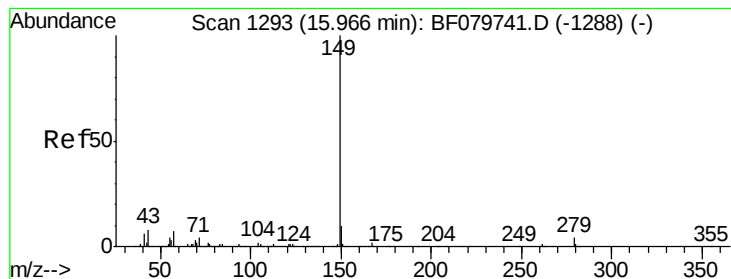


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 15.78 min Scan# 1277

Delta R.T. 0.03 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

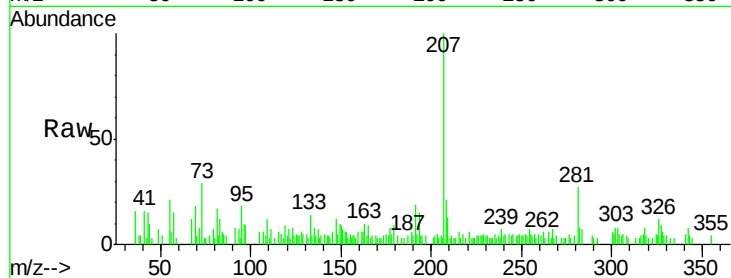
Tot Ion:149 Resp: 344

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

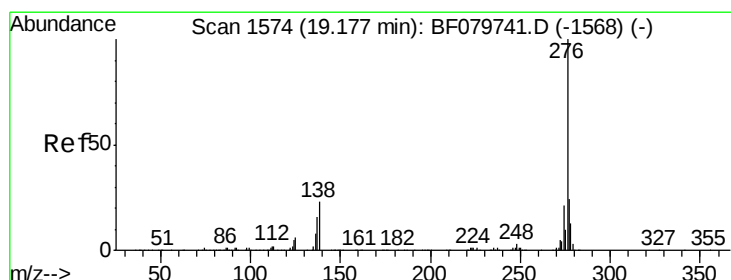
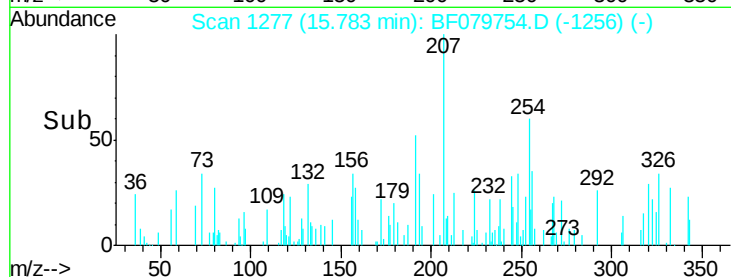
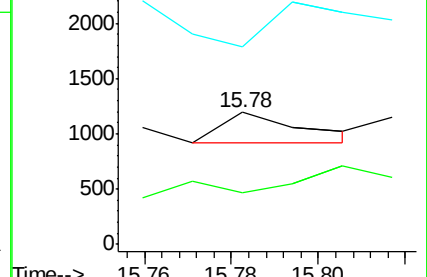
43 0.0 9.0 13.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.50 ng

RT: 18.88 min Scan# 1548

Delta R.T. -0.07 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

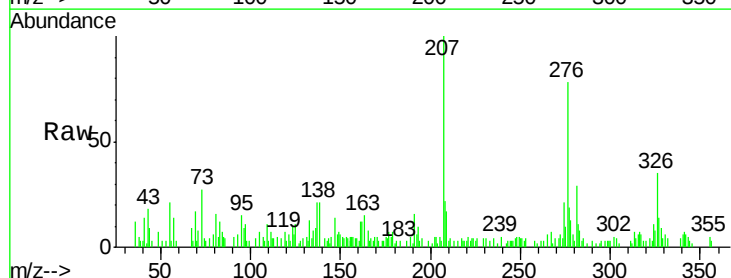
Tgt Ion:276 Resp: 25758

Ion Ratio Lower Upper

276 100

138 27.1 20.8 31.2

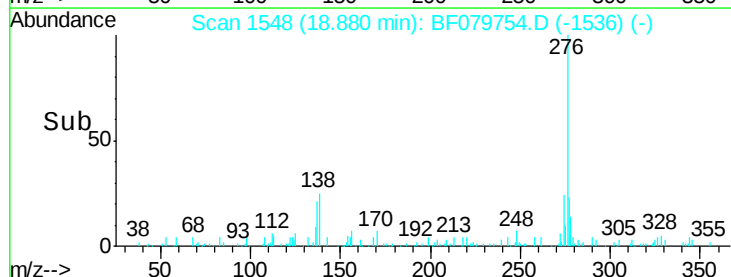
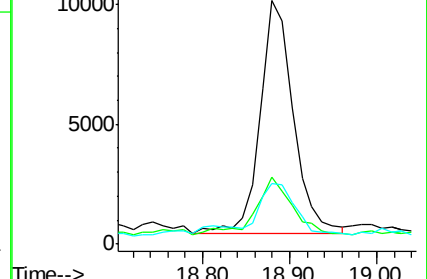
277 23.3 20.0 30.0

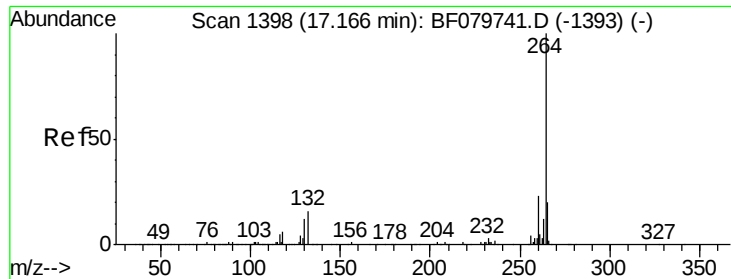


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

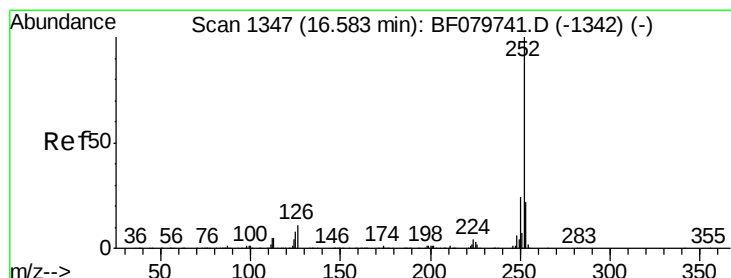
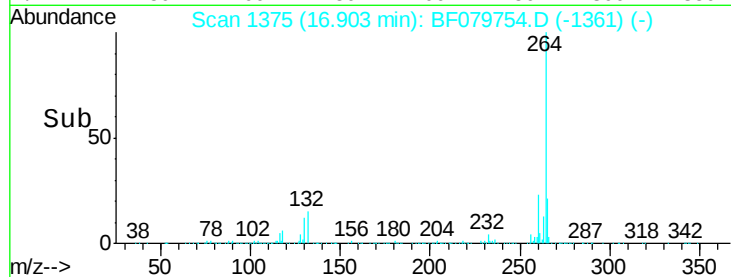
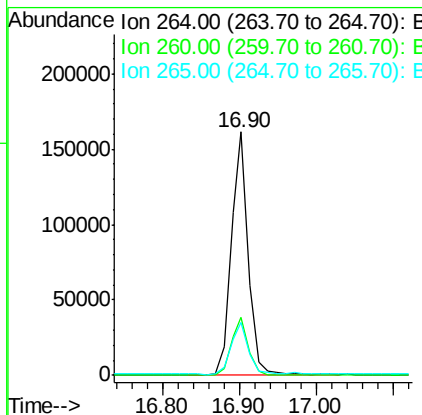
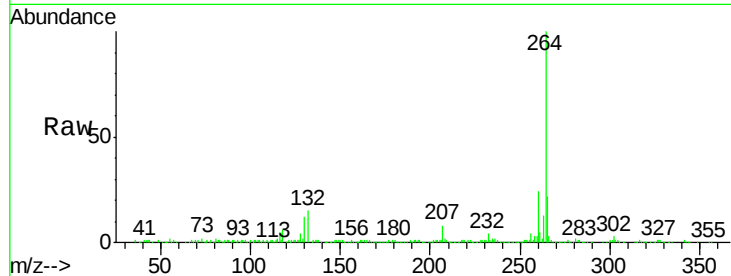




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.90 min Scan# 1375
 Delta R.T. -0.05 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

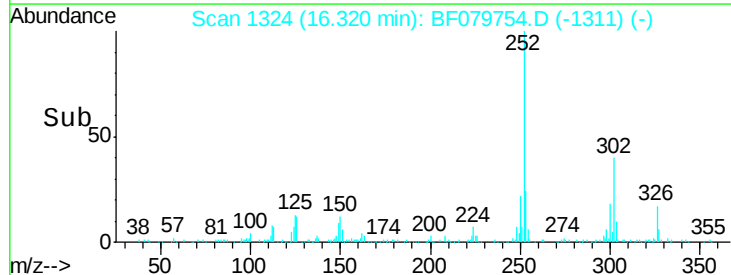
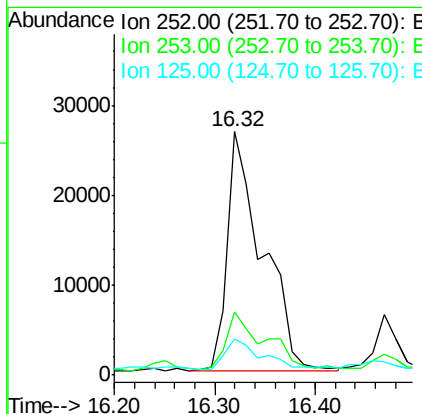
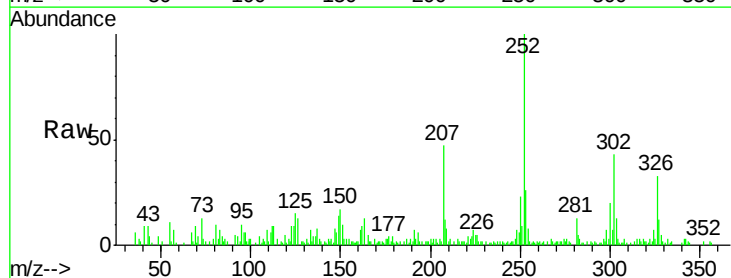
Instrument :
 BNA_F
 ClientSampleId :
 SP-8

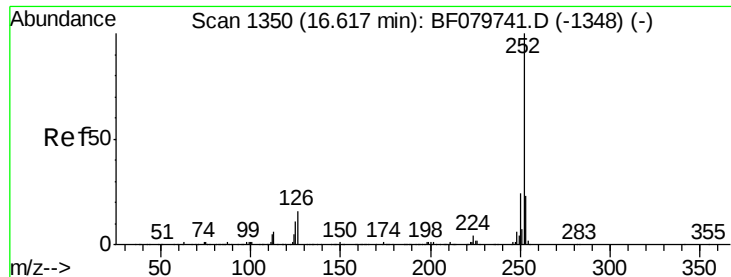
Tot Ion:264 Resp: 252616
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.5 18.2 27.4



#87
 Benzo(b)fluoranthene
 Concen: 4.13 ng
 RT: 16.32 min Scan# 1324
 Delta R.T. -0.06 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

Tgt Ion:252 Resp: 64874
 Ion Ratio Lower Upper
 252 100
 253 25.8 17.4 26.2
 125 15.1 6.5 9.7#

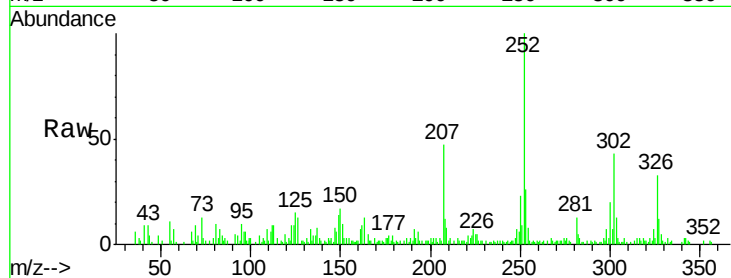




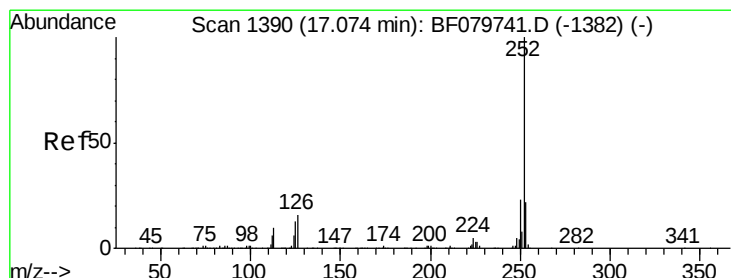
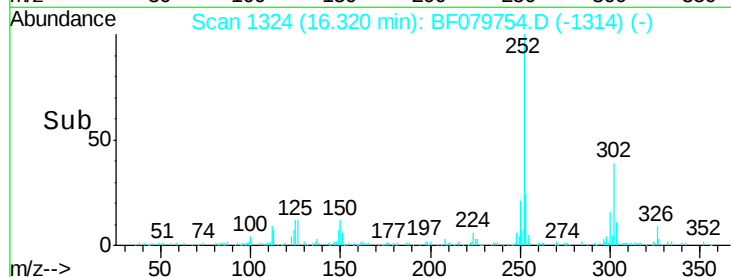
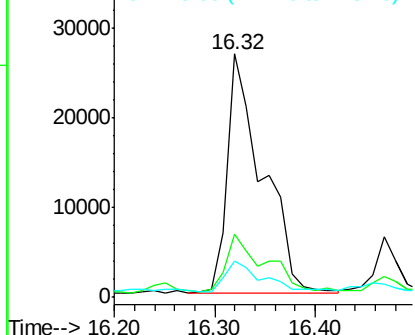
#88
Benzo(k)fluoranthene
Concen: 4.31 ng
RT: 16.32 min Scan# 1324
Delta R.T. -0.09 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion:252 Resp: 64874
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.8
125 15.1 8.4 12.6#

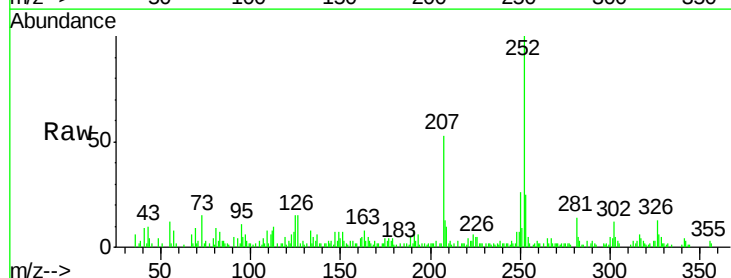


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

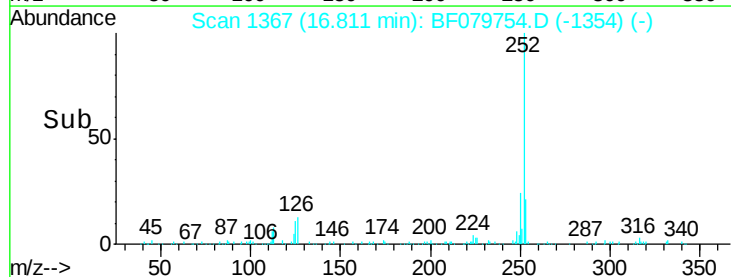
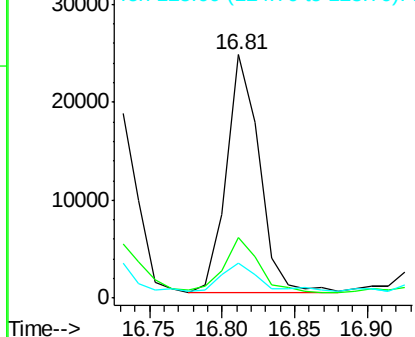


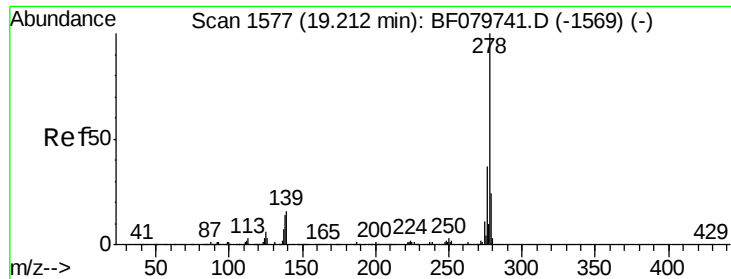
#89
Benzo(a)pyrene
Concen: 2.62 ng
RT: 16.81 min Scan# 1367
Delta R.T. -0.06 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion:252 Resp: 38026
Ion Ratio Lower Upper
252 100
253 24.8 17.6 26.4
125 14.6 7.4 11.0#



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: 0.62 ng

RT: 18.90 min Scan# 1550

Delta R.T. -0.07 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

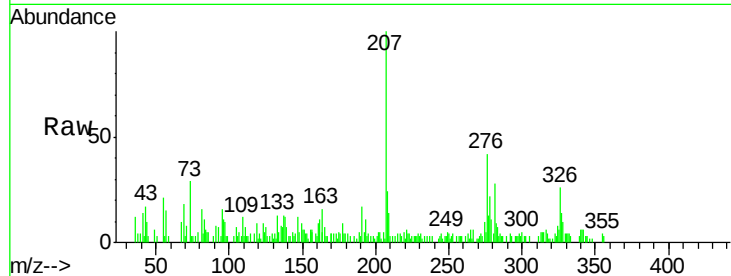
Tot Ion:278 Resp: 8609

Ion Ratio Lower Upper

278 100

139 30.4 12.7 19.1#

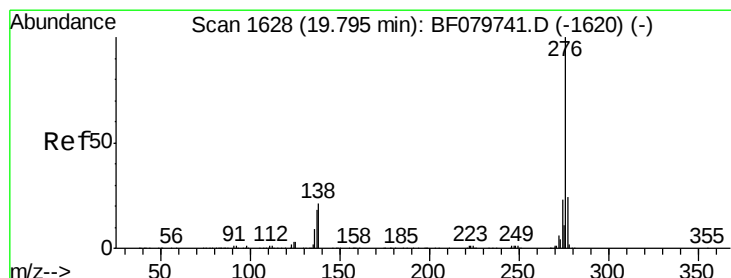
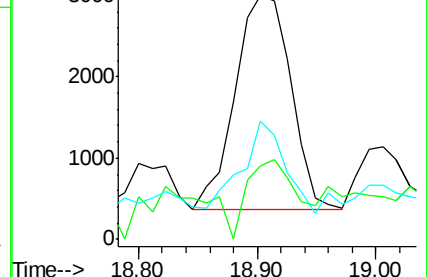
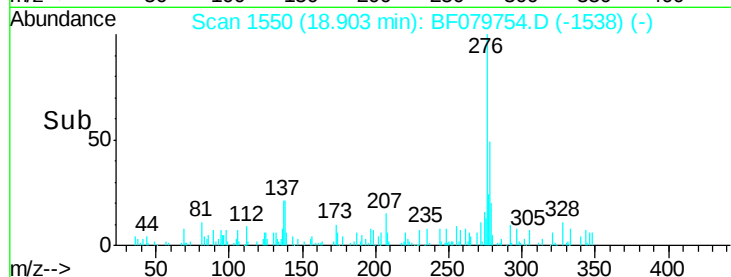
279 48.6 19.4 29.2#



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: 1.91 ng

RT: 19.49 min Scan# 1601

Delta R.T. -0.08 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

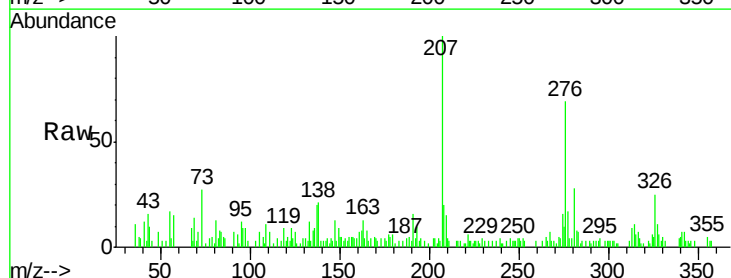
Tgt Ion:276 Resp: 27545

Ion Ratio Lower Upper

276 100

277 25.3 18.8 28.2

138 29.7 18.2 27.2#



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

