

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079764.D
 Acq On : 6 Jun 2015 9:19
 Operator : TP/IZ
 Sample : G2464-11 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12S

Quant Time: Jun 08 04:51:58 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	7.50	152	51344	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	208127	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	109997	20.00	ng	0.00
63) Phenanthrene-d10	12.09	188	241004	20.00	ng	0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.02
86) Perylene-d12	16.97	264	784	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.10	112	179260	29.26	ng	0.00
7) Phenol-d6	7.08	99	258885	32.72	ng	0.00
23) Nitrobenzene-d5	8.04	82	129939	19.16	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	65768	31.26	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	323774	19.94	ng	0.00
78) Terphenyl-d14	13.86	244	412202	0.00	ng	0.11

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	4.30	42	210	0.13	ng	# 1
6) Aniline	7.26	93	284	0.05	ng	# 1
9) Benzaldehyde	7.08	77	366	0.14	ng	# 7
10) Phenol	7.10	94	806	0.19	ng	# 37
11) bis(2-Chloroethyl)ether	7.26	93	284	0.09	ng	# 1
15) Benzyl Alcohol	7.64	79	2579	0.79	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	7.62	45	221	0.04	ng	70
22) Acetophenone	7.88	105	448	0.09	ng	# 42
24) Nitrobenzene	8.04	77	355	0.10	ng	# 47
31) Naphthalene	8.81	128	24813	2.27	ng	97
33) 4-Chloroaniline	8.81	127	3046	0.55	ng	# 40
37) 2-Methylnaphthalene	9.51	142	11131	1.60	ng	95
45) 1,1'-Biphenyl	9.96	154	3166	0.33	ng	89
48) Acenaphthylene	10.42	152	17987	1.39	ng	96
49) Dimethylphthalate	10.24	163	69694	8.23	ng	98
50) 2,6-Dinitrotoluene	10.24	165	831	1.76	ng	# 1
51) Acenaphthene	10.59	154	8623	1.18	ng	98
54) Dibenzofuran	10.76	168	8073	0.78	ng	91
55) 4-Nitrophenol	10.76	139	3071	2.30	ng	# 9
56) 2,4-Dinitrotoluene	10.56	165	14534	11.76	ng	# 33
57) Fluorene	11.12	166	11807	1.32	ng	92
59) Diethylphthalate	10.95	149	719	0.09	ng	# 58
62) Azobenzene	11.27	77	507	0.06	ng	# 1
65) n-Nitrosodiphenylamine	11.22	169	1452	0.18	ng	# 23
70) Phenanthrene	12.11	178	154460	10.95	ng	97
71) Anthracene	12.17	178	40226	2.89	ng	99
72) Carbazole	12.32	167	9837	0.74	ng	96
73) Di-n-butylphthalate	12.66	149	3634	0.24	ng	# 70
74) Fluoranthene	13.44	202	221826	14.36	ng	96
87) Benzo(b)fluoranthene	16.43	252	2357	48.40	ng	# 1
88) Benzo(k)fluoranthene	16.43	252	2357	50.46	ng	# 1
89) Benzo(a)pyrene	16.80	252	25411	565.20	ng	# 79
90) Dibenzo(a,h)anthracene	19.03	278	13727	316.36	ng	# 76
91) Benzo(g,h,i)perylene	19.60	276	4206	93.76	ng	# 17

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
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Sample : G2464-11 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

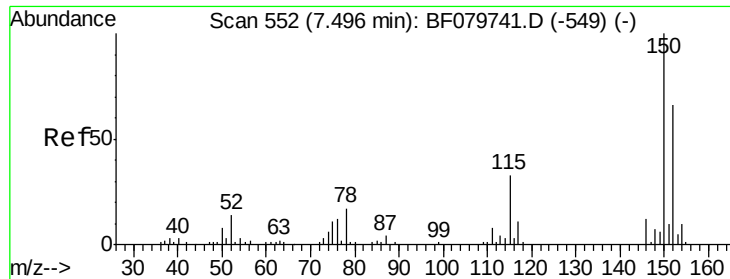
Instrument :
BNA_F
ClientSampleId :
SB-12S

Quant Time: Jun 08 04:51:58 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\  
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Sample    : G2464-11 2X  
Misc      :  
ALS Vial  : 26 Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

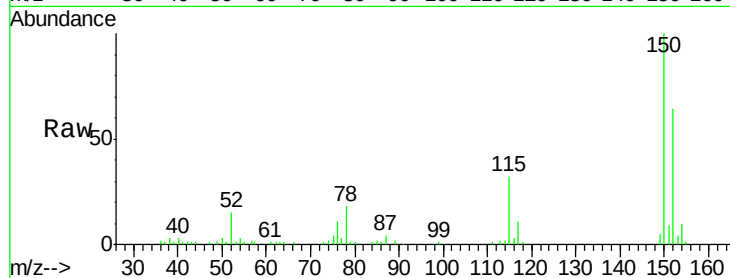
Tot Ion:152 Resp: 51344

Ion Ratio Lower Upper

152 100

150 155.1 128.1 192.1

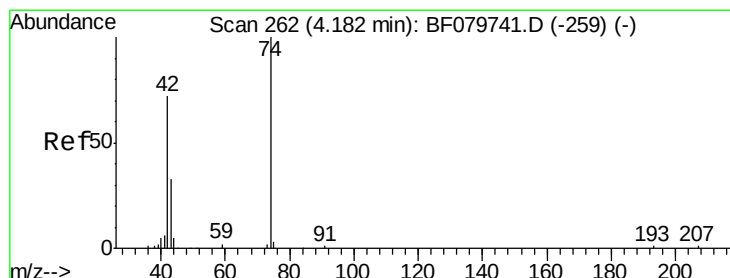
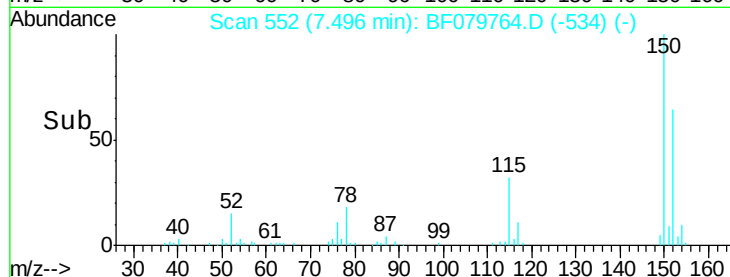
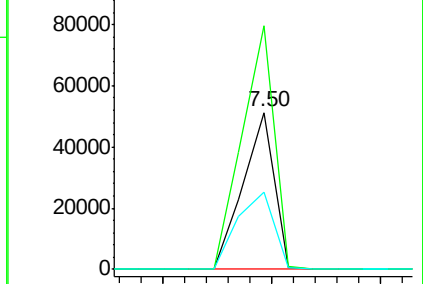
115 49.4 49.7 74.5#



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



#4

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 4.30 min Scan# 272

Delta R.T. 0.11 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

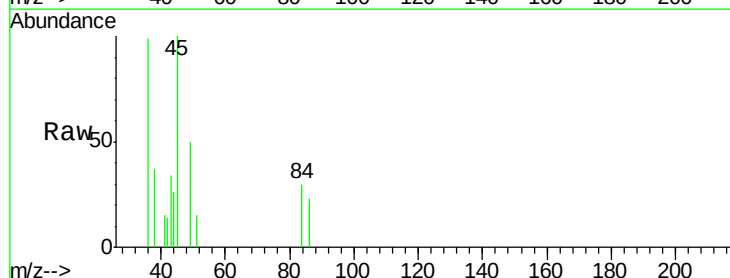
Tgt Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

74 0.0 110.6 165.8#

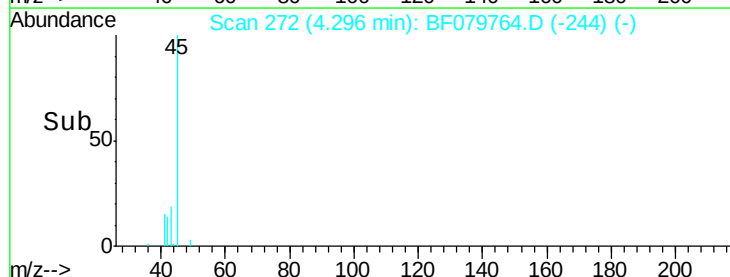
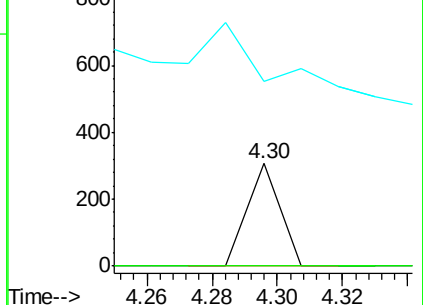
44 180.4 6.2 9.2#

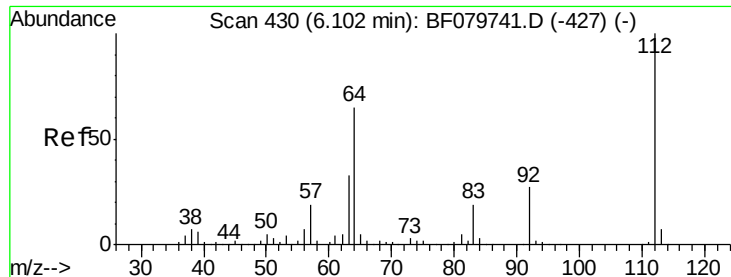


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 29.26 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

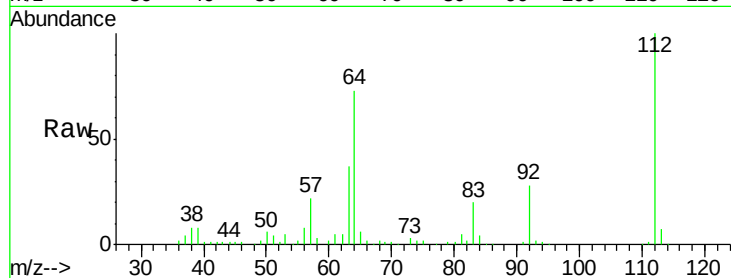
Tot Ion:112 Resp: 179260

Ion Ratio Lower Upper

112 100

64 72.9 49.6 74.4

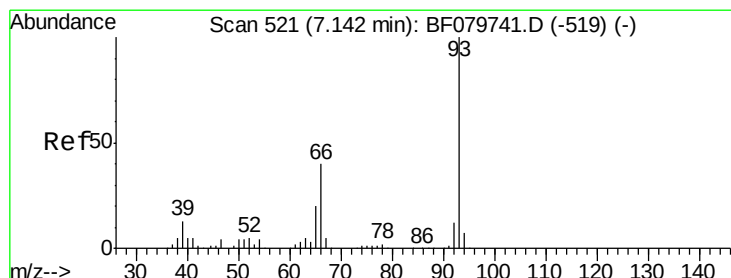
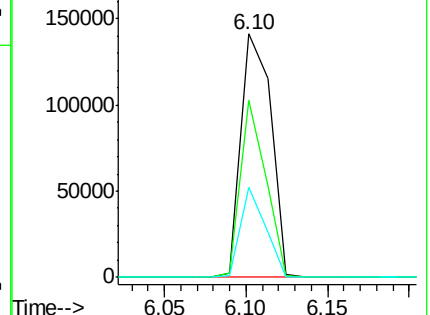
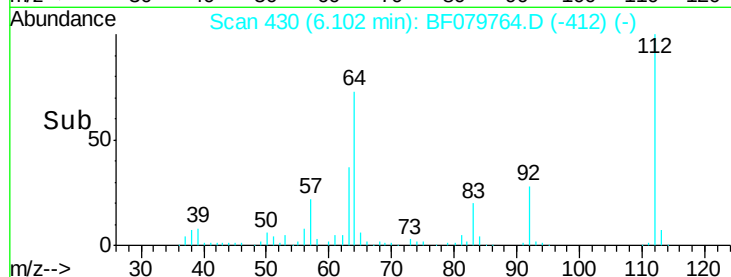
63 36.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.05 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.11 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

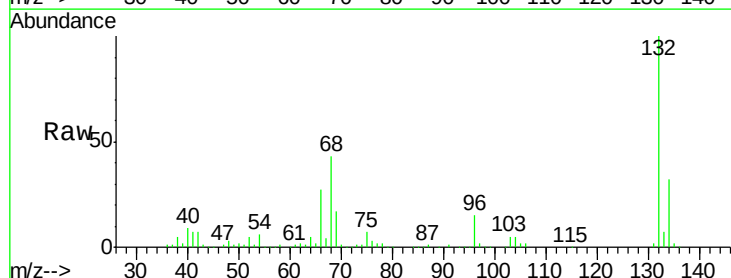
Tgt Ion: 93 Resp: 284

Ion Ratio Lower Upper

93 100

66 16693.7 30.3 45.5#

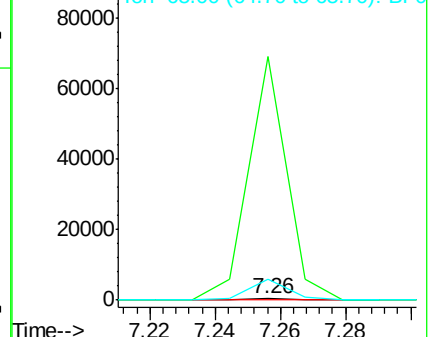
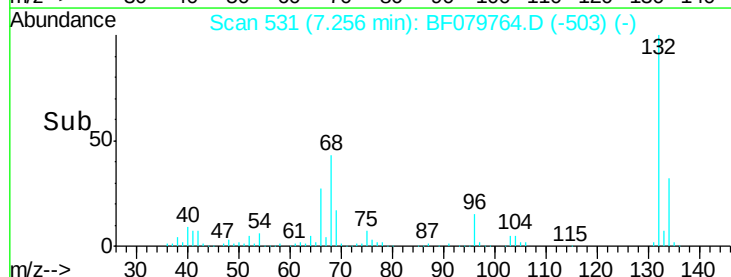
65 1412.8 15.8 23.6#

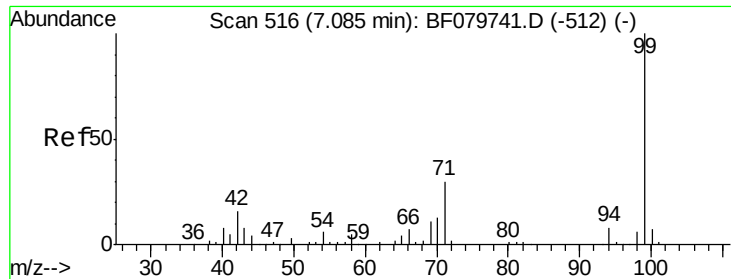


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.72 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

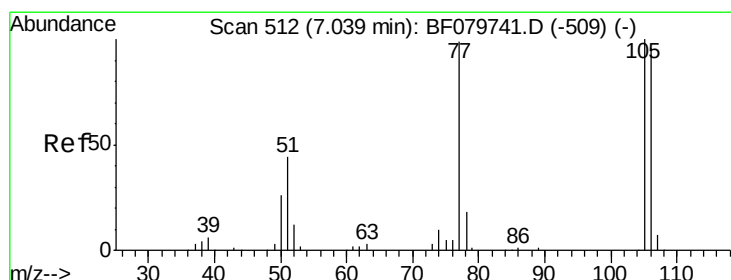
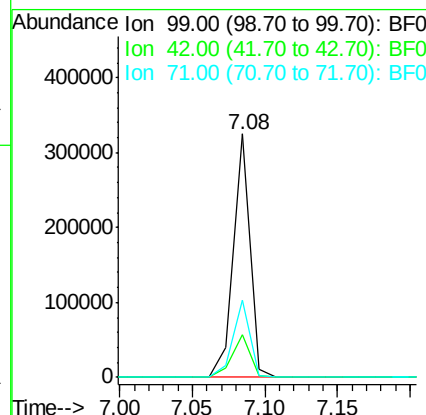
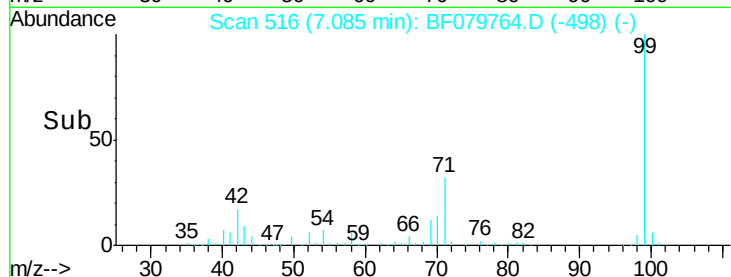
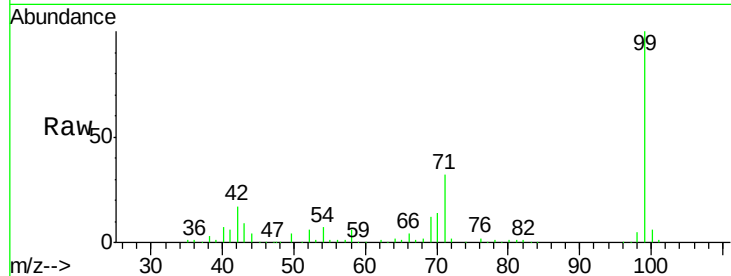
Tot Ion: 99 Resp: 258885

Ion Ratio Lower Upper

99 100

42 17.4 18.0 27.0#

71 31.7 28.4 42.6



#9

Benzaldehyde

Concen: 0.14 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.05 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

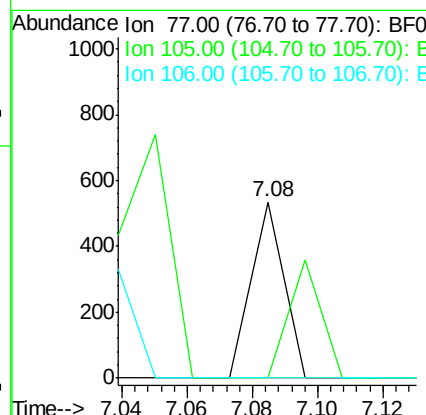
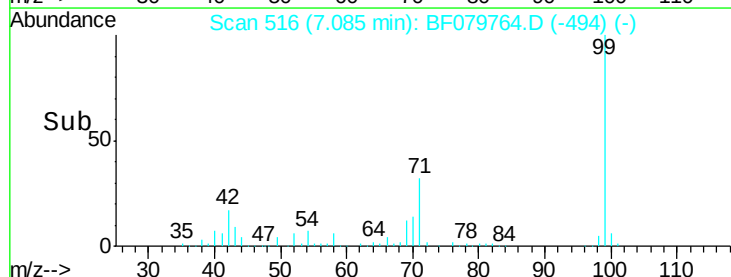
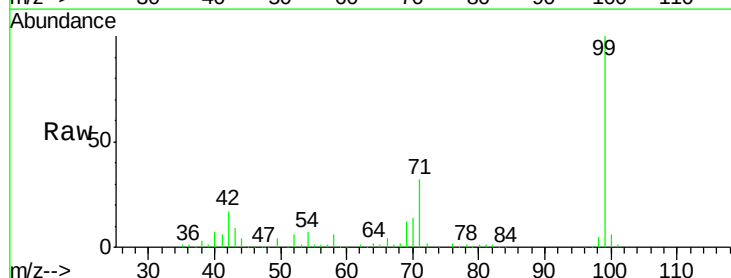
Tgt Ion: 77 Resp: 366

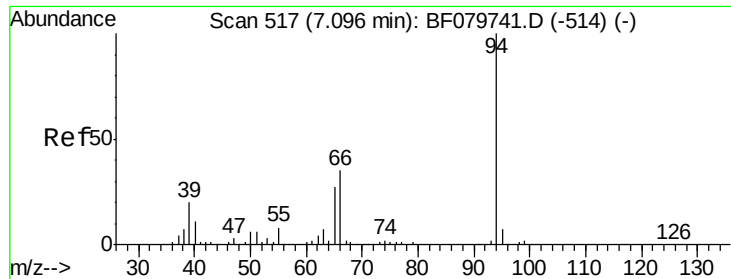
Ion Ratio Lower Upper

77 100

105 0.0 66.1 106.1#

106 0.0 61.9 101.9#

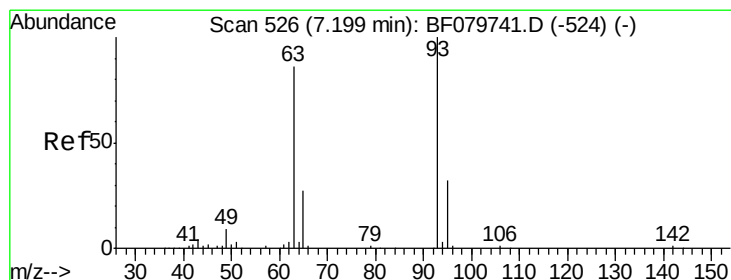
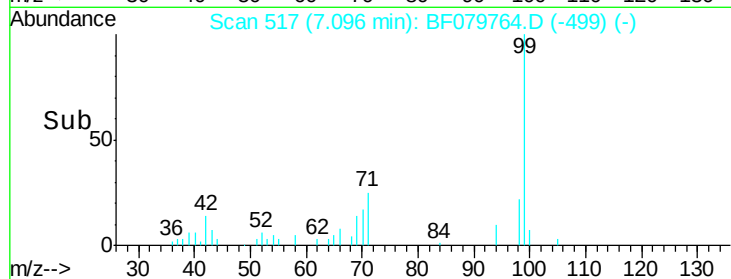
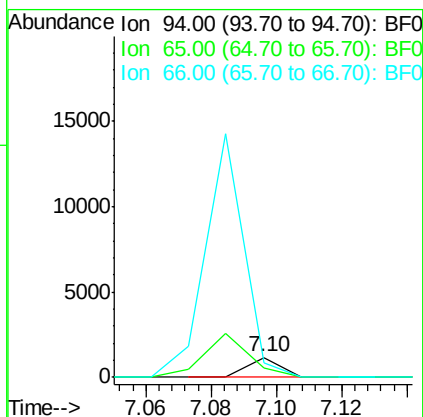
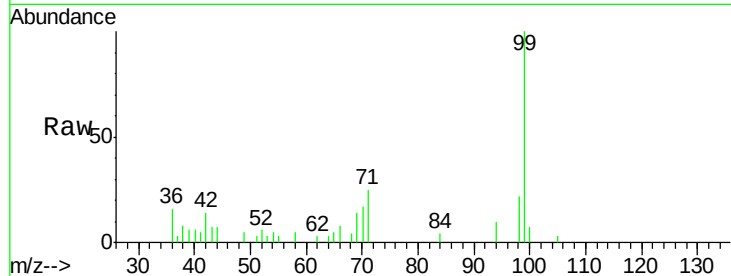




#10
Phenol
Concen: 0.19 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

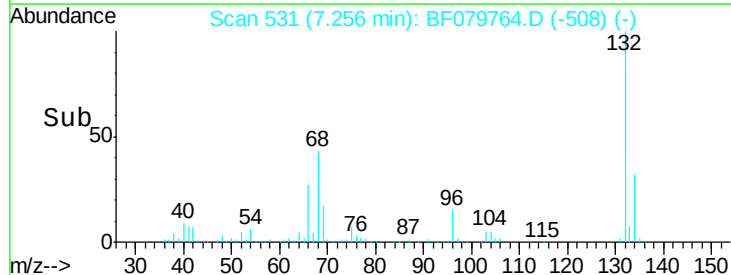
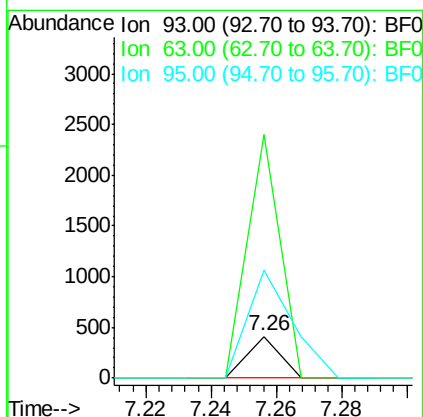
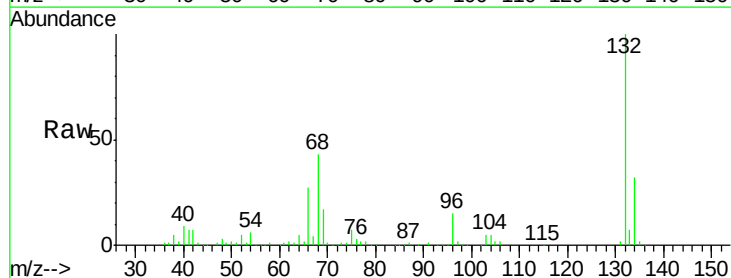
Instrument :
BNA_F
ClientSampleId :
SB-12S

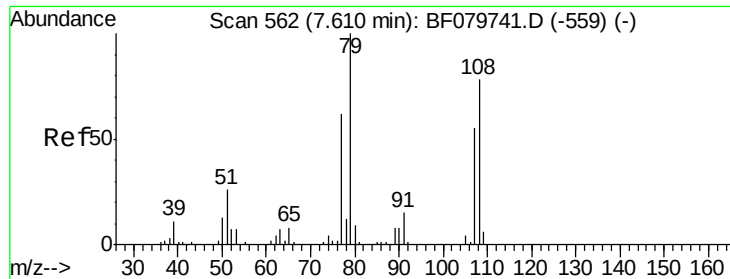
Tot Ion: 94 Resp: 806
Ion Ratio Lower Upper
94 100
65 48.0 5.3 45.3#
66 73.8 11.3 51.3#



#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.26 min Scan# 531
Delta R.T. 0.06 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Tgt Ion: 93 Resp: 284
Ion Ratio Lower Upper
93 100
63 579.7 58.7 98.7#
95 257.0 12.9 52.9#





#15

Benzyl Alcohol

Concen: 0.79 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

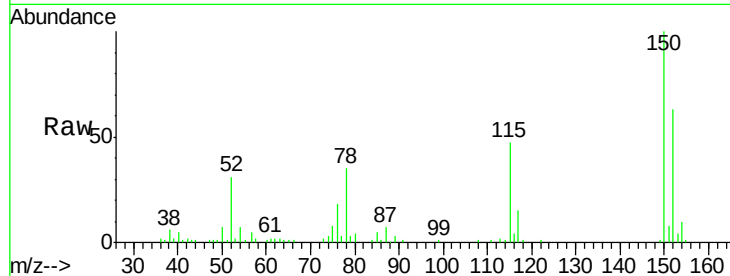
Tot Ion: 79 Resp: 2579

Ion Ratio Lower Upper

79 100

108 23.1 68.4 102.6#

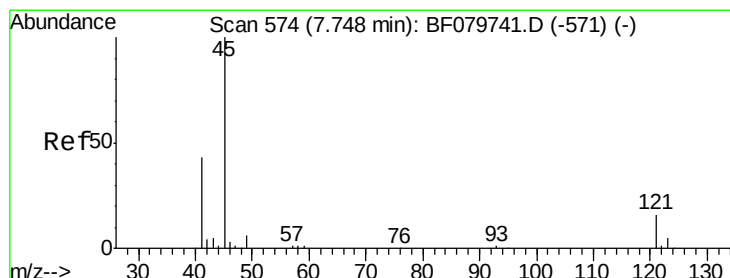
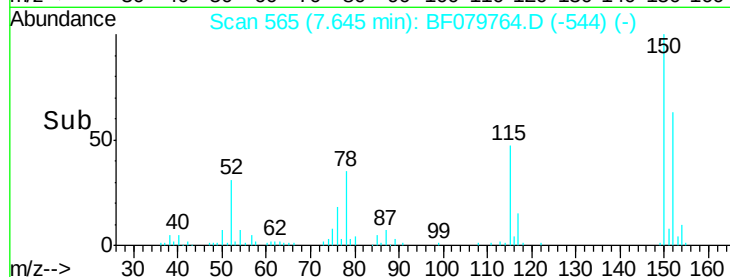
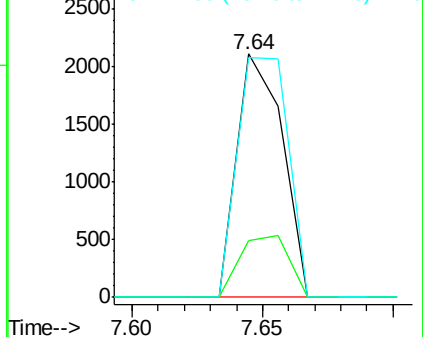
77 98.6 50.0 75.0#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.04 ng

RT: 7.62 min Scan# 563

Delta R.T. -0.13 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

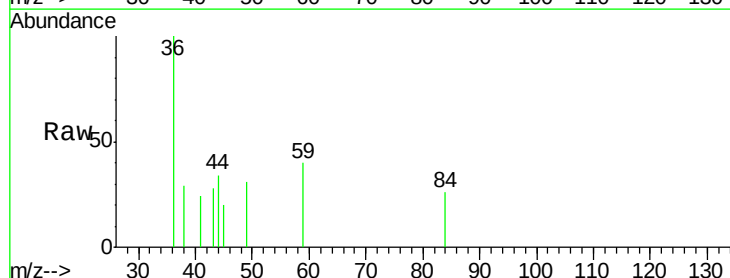
Tgt Ion: 45 Resp: 221

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.7

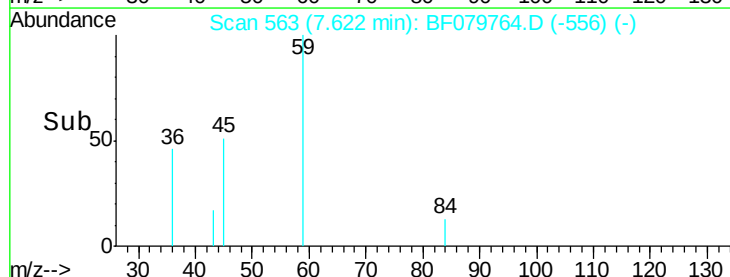
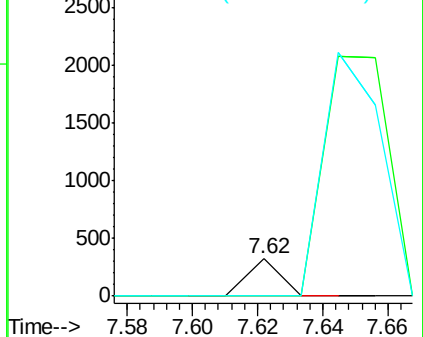
79 0.0 0.0 29.9

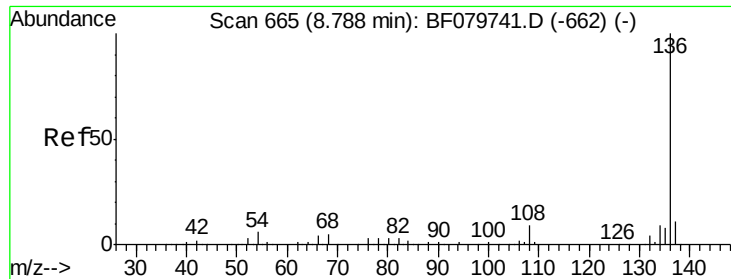


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

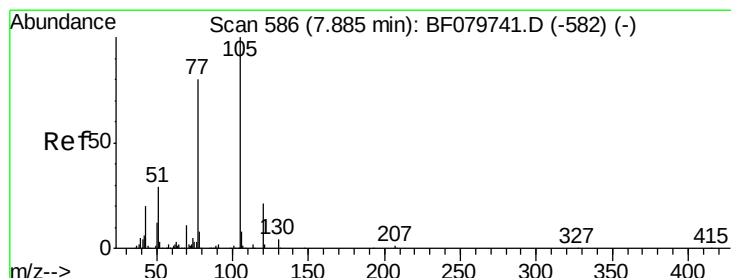
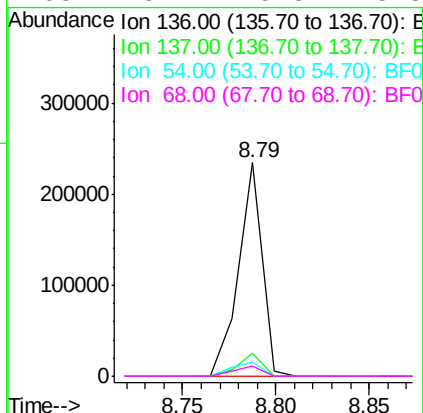
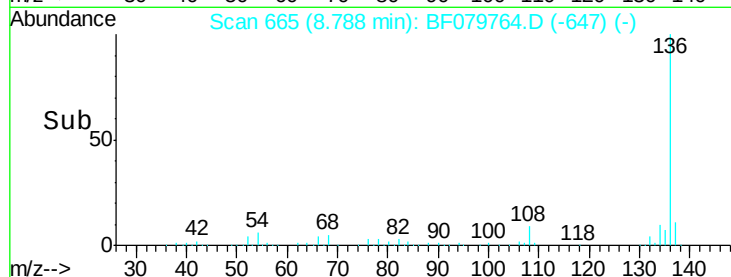
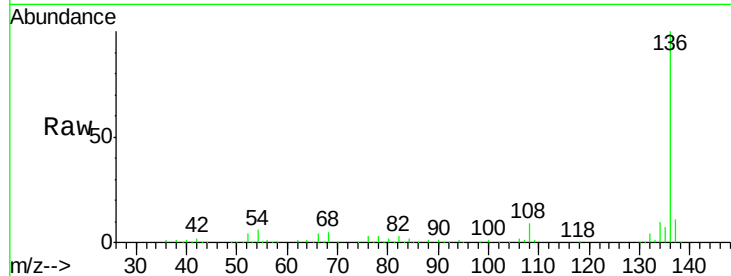




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

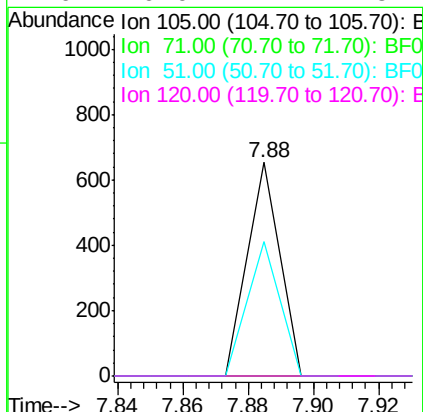
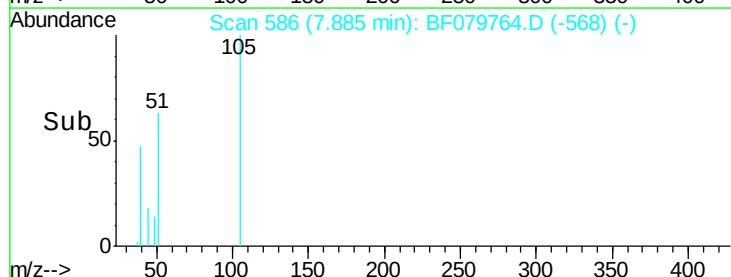
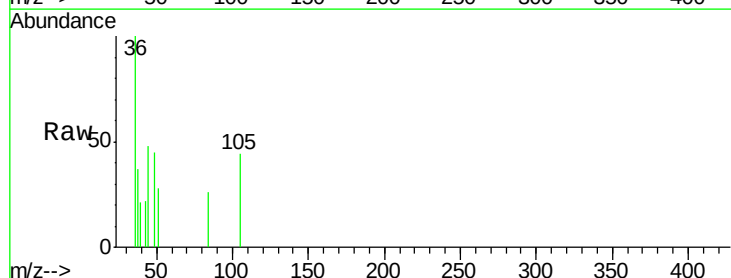
Instrument :
BNA_F
ClientSampleId :
SB-12S

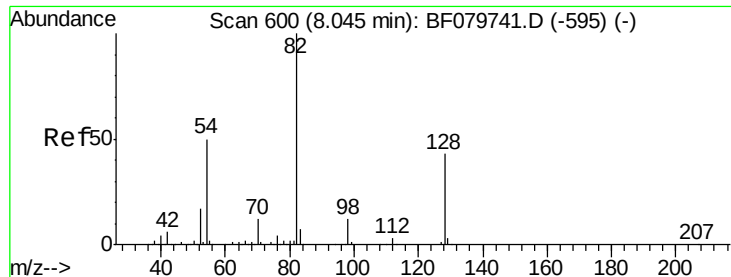
Tot Ion:136	Resp:	208127
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	6.4	8.7 13.1#
68	5.1	5.8 8.8#



#22
Acetophenone
Concen: 0.09 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Tgt Ion:105	Resp:	448
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.9 1.3#
51	63.0	21.3 31.9#
120	0.0	17.1 25.7#

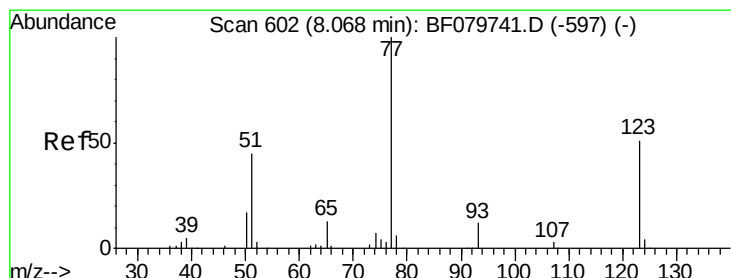
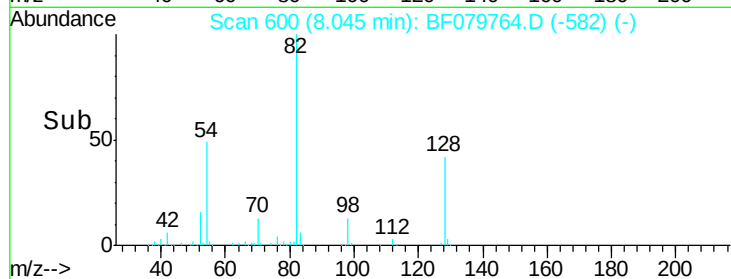
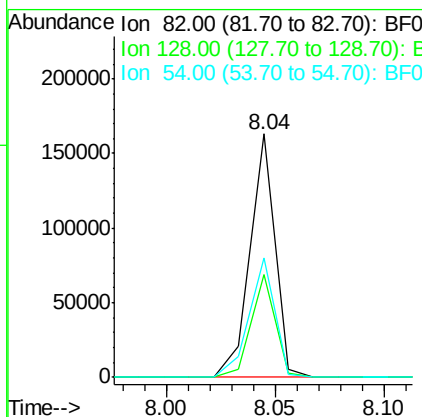
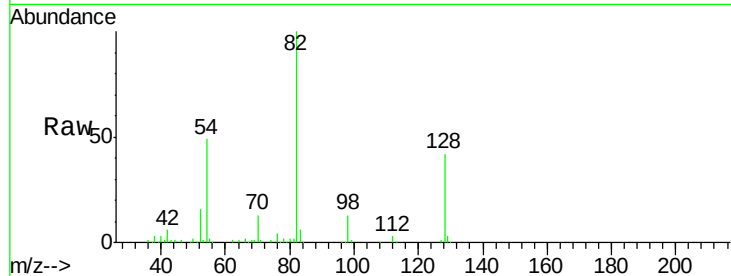




#23
 Nitrobenzene-d5
 Concen: 19.16 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF079764.D
 Acq: 6 Jun 2015 9:19

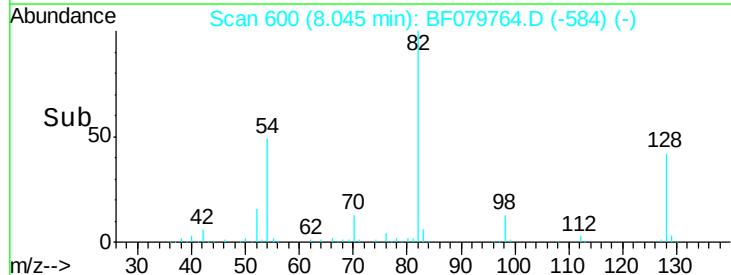
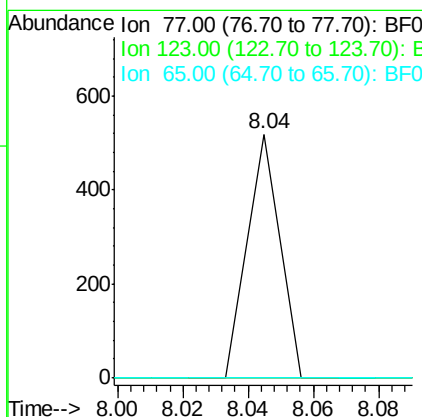
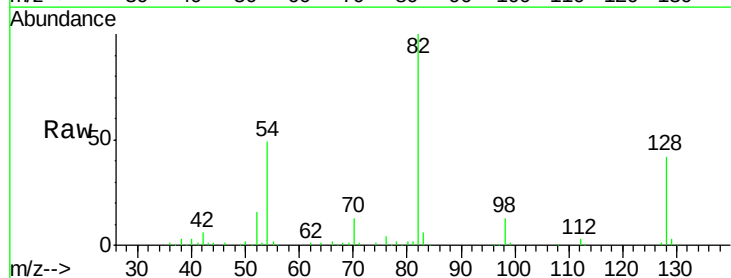
Instrument :
 BNA_F
 ClientSampled :
 SB-12S

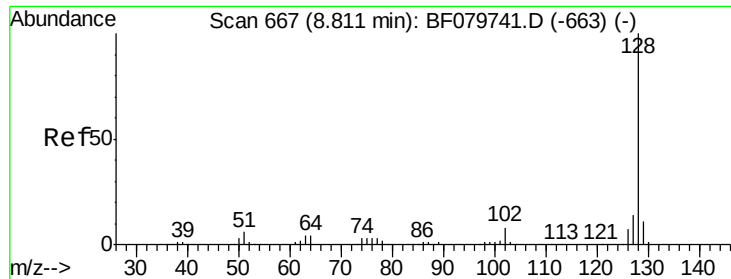
Tot Ion	82	Resp	129939
Ion Ratio	Lower	Upper	
82	100		
128	42.2	37.6	56.4
54	48.8	39.4	59.2



#24
 Nitrobenzene
 Concen: 0.10 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF079764.D
 Acq: 6 Jun 2015 9:19

Tgt Ion	77	Resp	355
Ion Ratio	Lower	Upper	
77	100		
123	0.0	28.1	42.1#
65	0.0	10.9	16.3#





#31

Naphthalene

Concen: 2.27 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

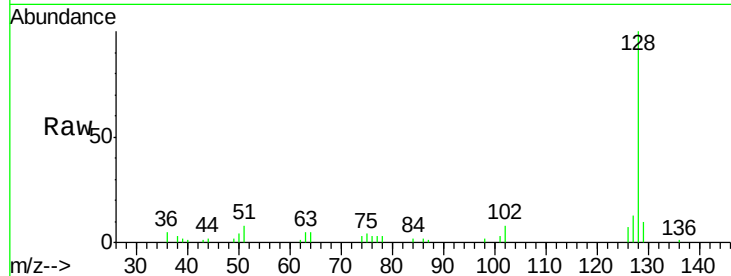
Tot Ion:128 Resp: 24813

Ion Ratio Lower Upper

128 100

129 10.0 9.4 14.2

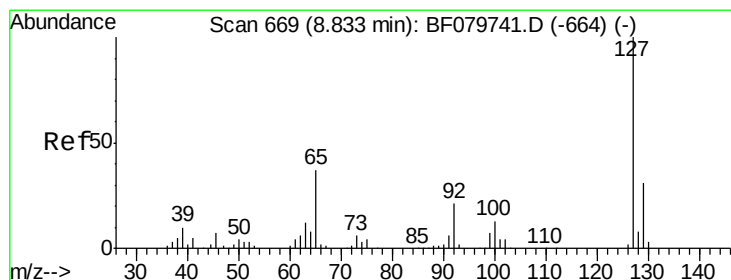
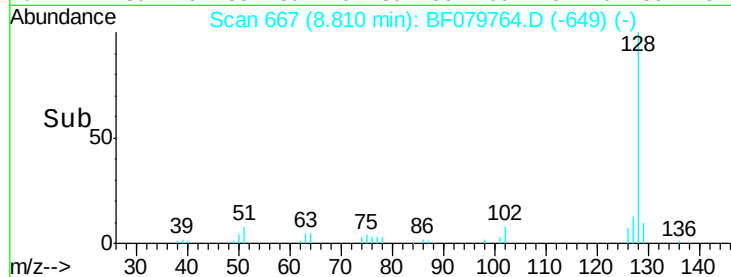
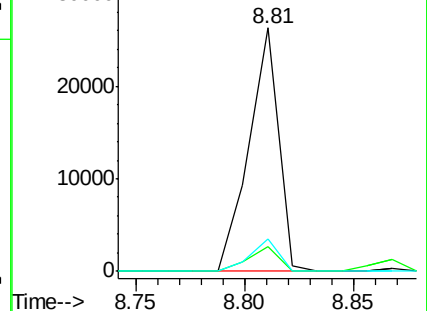
127 13.1 10.7 16.1



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



#33

4-Chloroaniline

Concen: 0.55 ng

RT: 8.81 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Tgt Ion:127 Resp: 3046

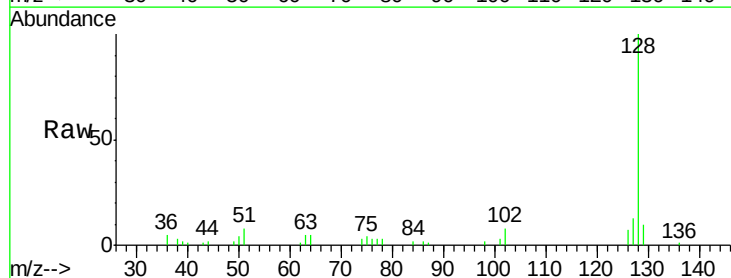
Ion Ratio Lower Upper

127 100

129 76.3 26.8 40.2#

65 0.0 22.9 34.3#

92 0.0 15.2 22.8#

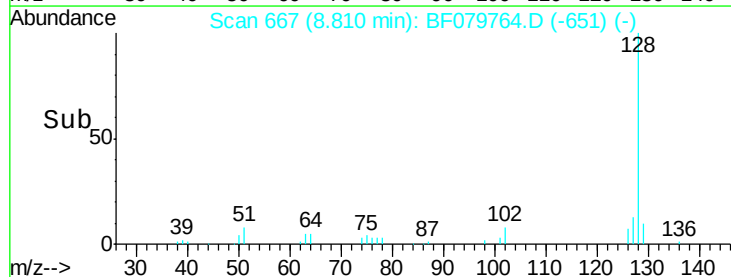
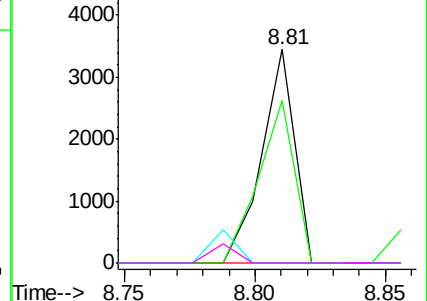


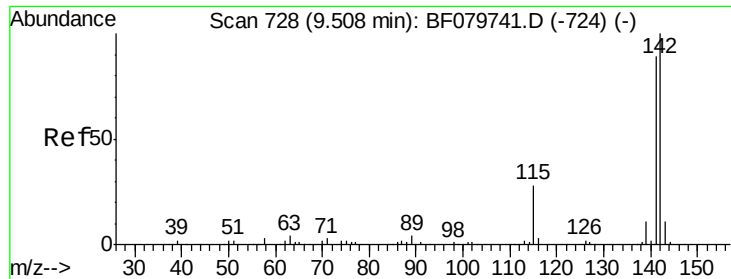
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

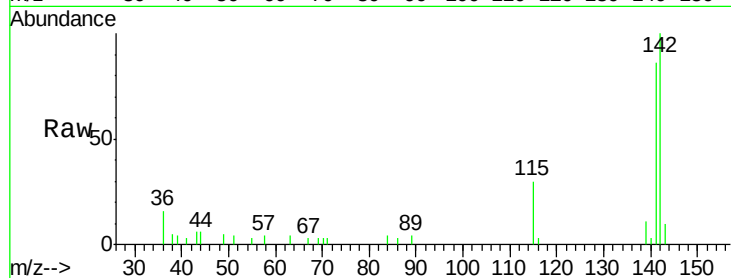




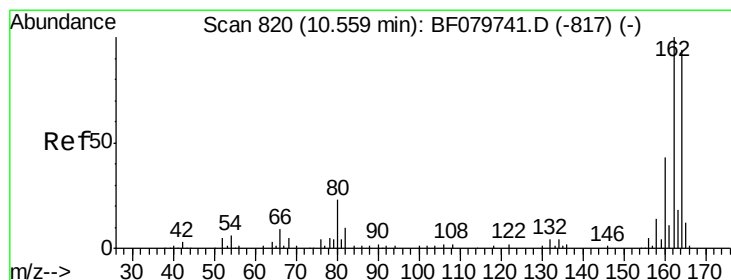
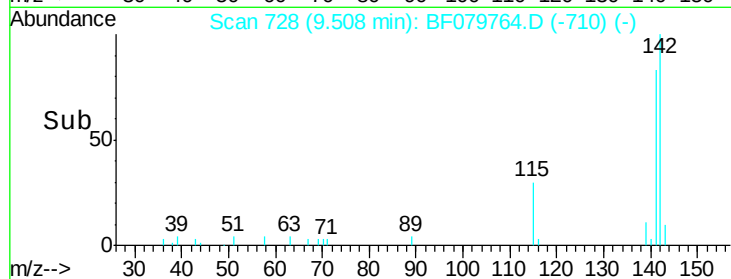
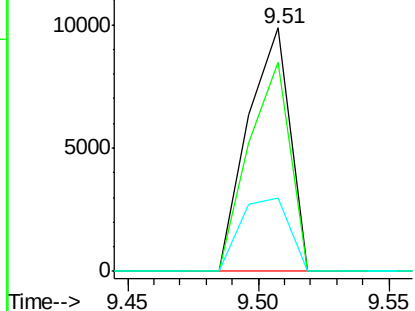
#37
2-Methylnaphthalene
Concen: 1.60 ng
RT: 9.51 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SB-12S

Tot Ion:142 Resp: 11131
Ion Ratio Lower Upper
142 100
141 86.1 72.8 109.2
115 30.1 26.9 40.3

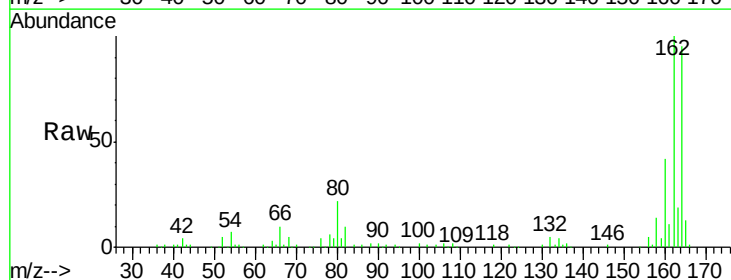


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

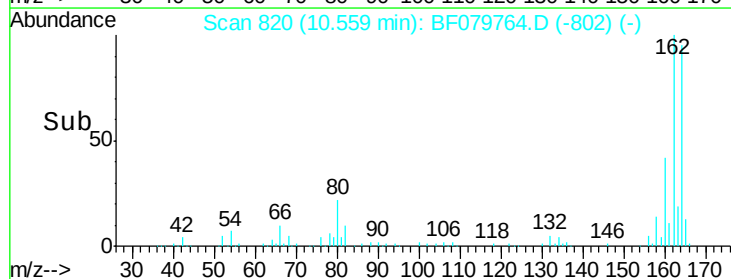
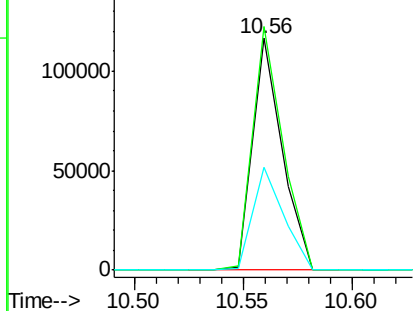


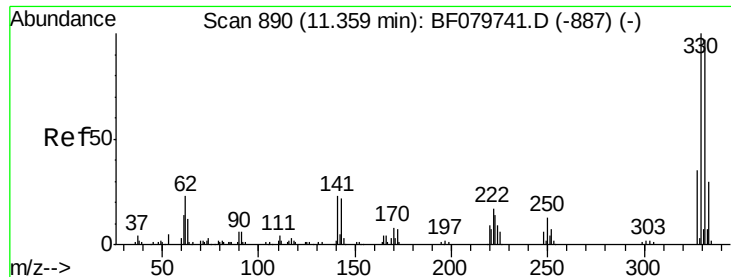
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Tgt Ion:164 Resp: 109997
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 44.6 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

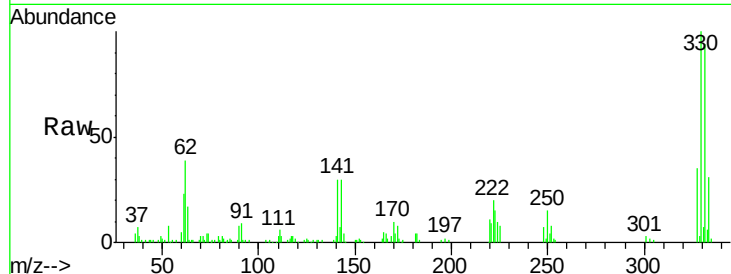




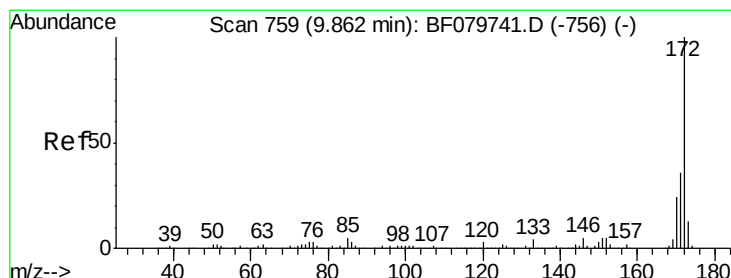
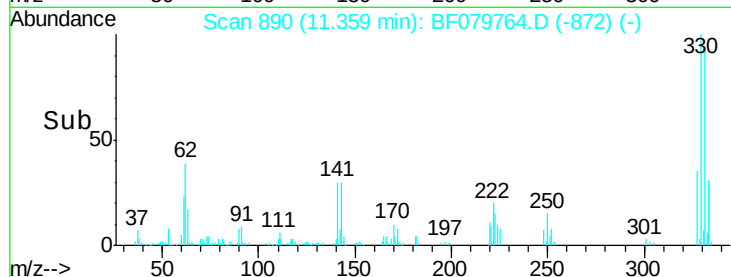
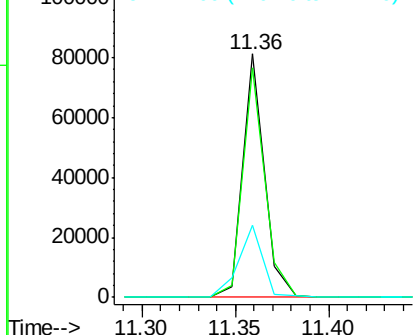
#41
 2,4,6-Tribromophenol
 Concen: 31.26 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079764.D
 Acq: 6 Jun 2015 9:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-12S

Tot Ion:330 Resp: 65768
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 33.4 30.2 45.2

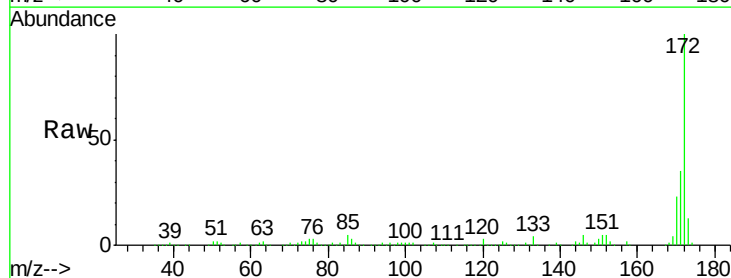


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

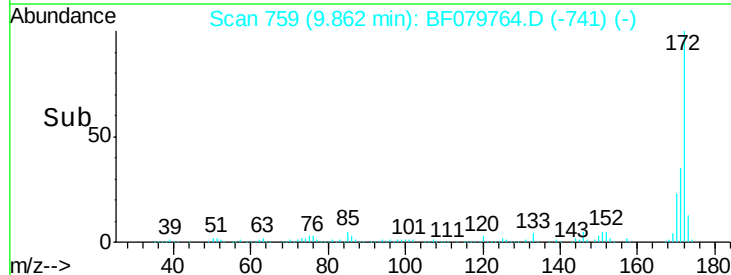
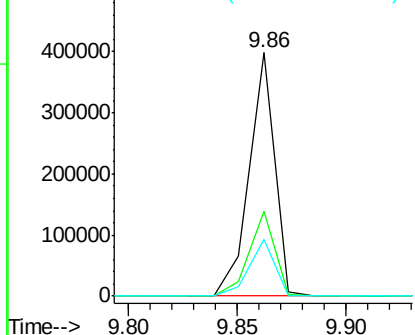


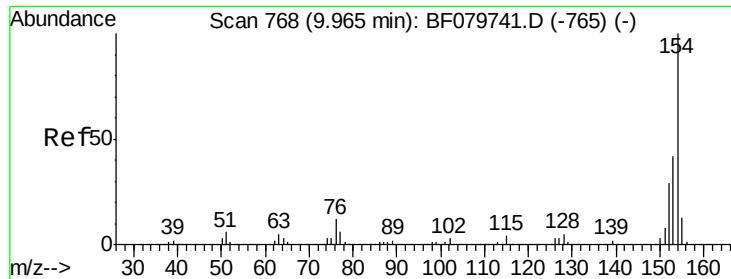
#44
 2-Fluorobiphenyl
 Concen: 19.94 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079764.D
 Acq: 6 Jun 2015 9:19

Tgt Ion:172 Resp: 323774
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.4 44.0
 170 23.5 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





#45

1,1'-Biphenyl

Concen: 0.33 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

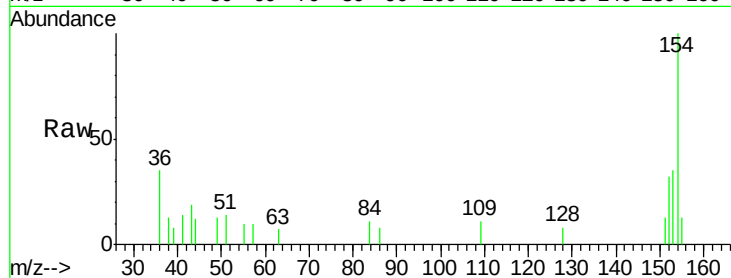
Tot Ion:154 Resp: 3166

Ion Ratio Lower Upper

154 100

153 34.8 19.9 59.9

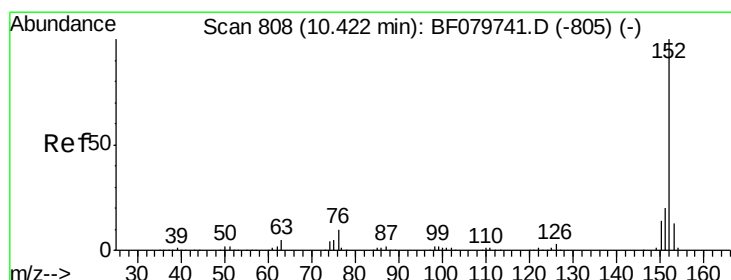
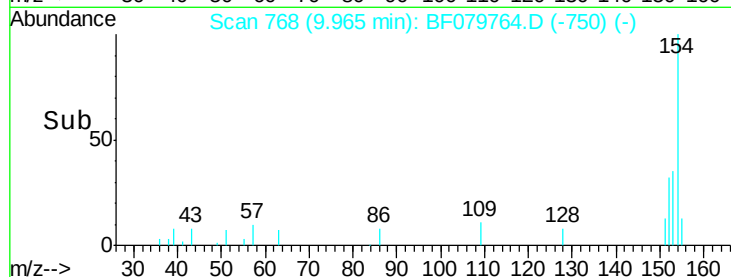
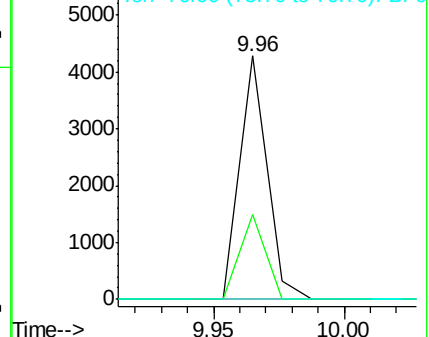
76 0.0 0.0 28.2



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: 1.39 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

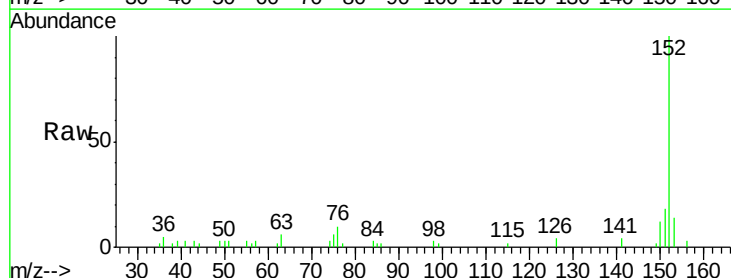
Tgt Ion:152 Resp: 17987

Ion Ratio Lower Upper

152 100

151 18.5 16.2 24.4

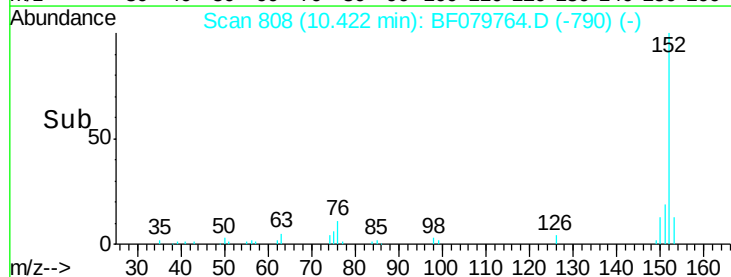
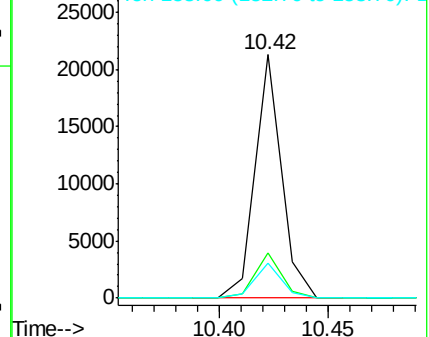
153 14.3 10.4 15.6

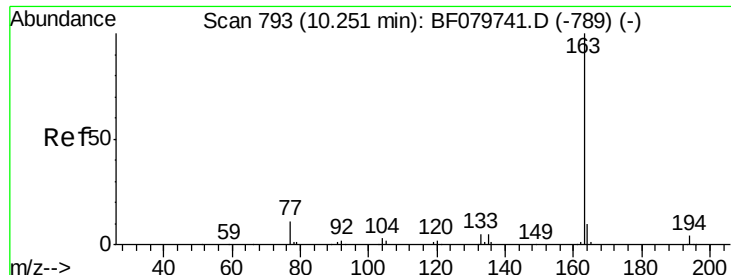


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 8.23 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

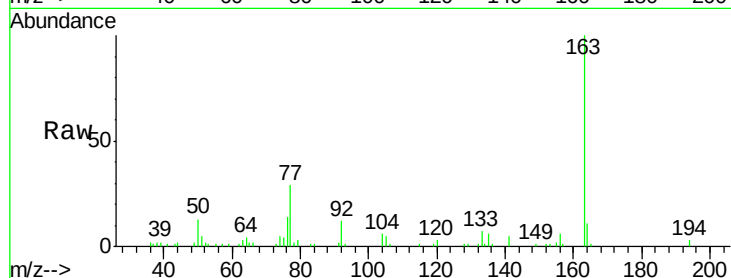
Tot Ion:163 Resp: 69694

Ion Ratio Lower Upper

163 100

194 3.0 2.6 3.8

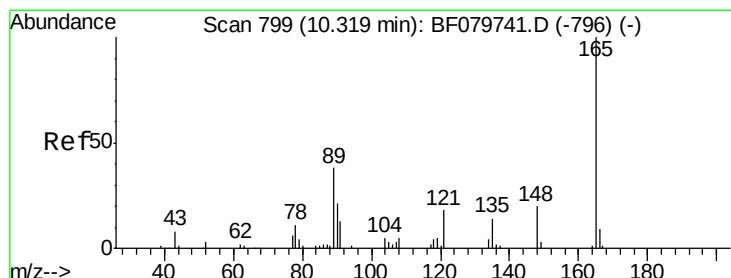
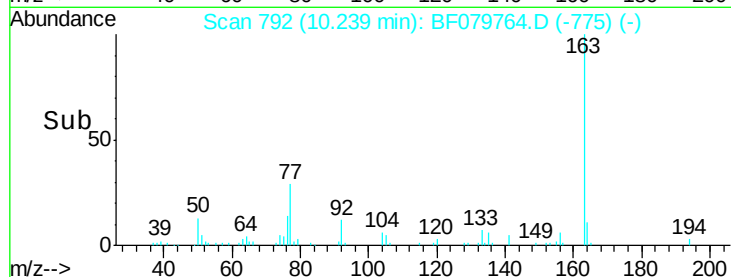
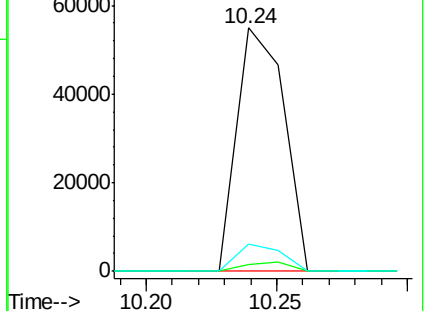
164 11.4 8.5 12.7



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



#50

2,6-Dinitrotoluene

Concen: 1.76 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.08 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

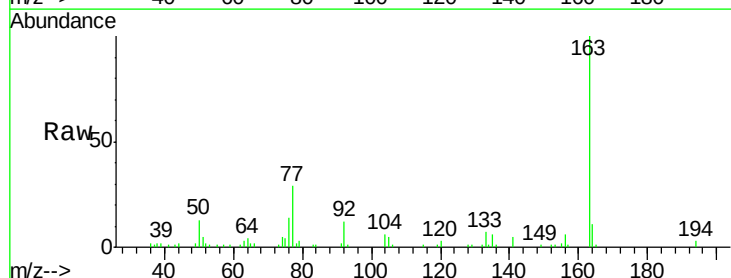
Tgt Ion:165 Resp: 831

Ion Ratio Lower Upper

165 100

63 203.6 45.2 67.8#

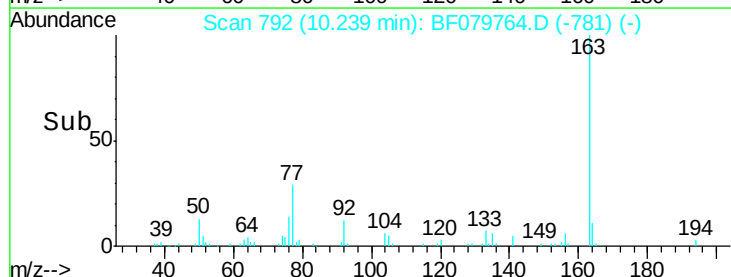
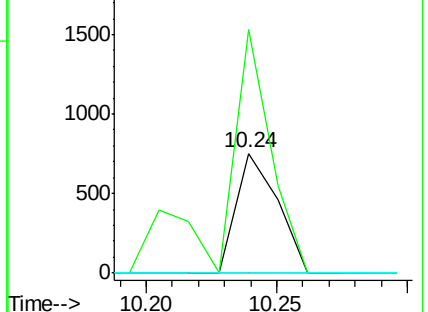
89 0.0 45.9 68.9#

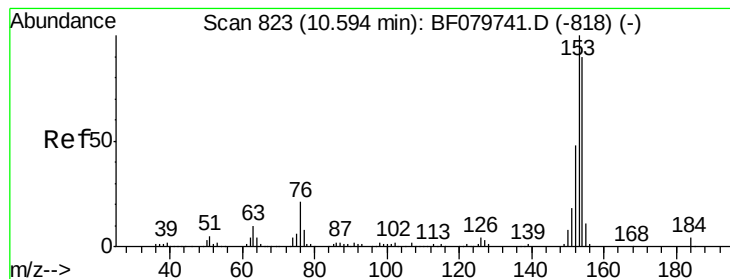


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 1.18 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

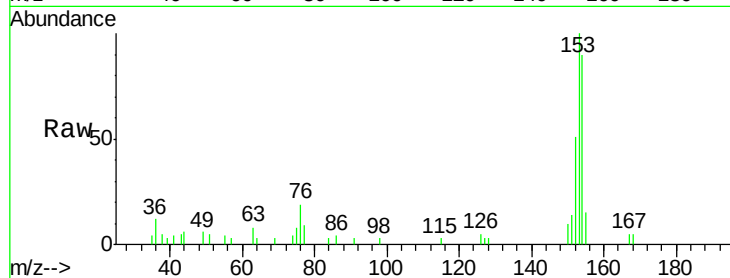
Tot Ion:154 Resp: 8623

Ion Ratio Lower Upper

154 100

153 111.3 90.1 135.1

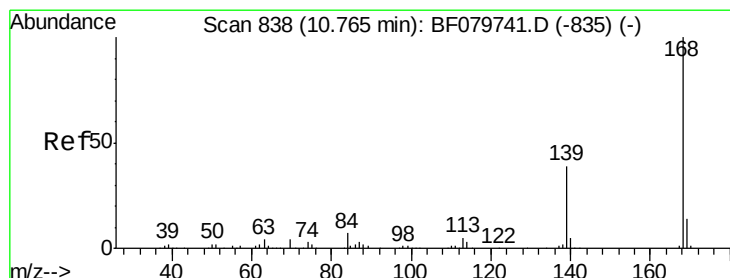
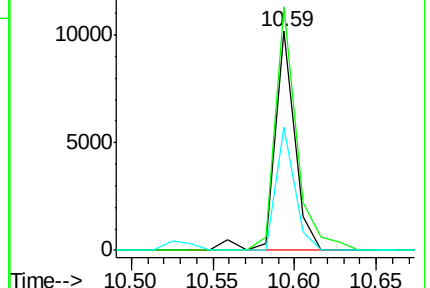
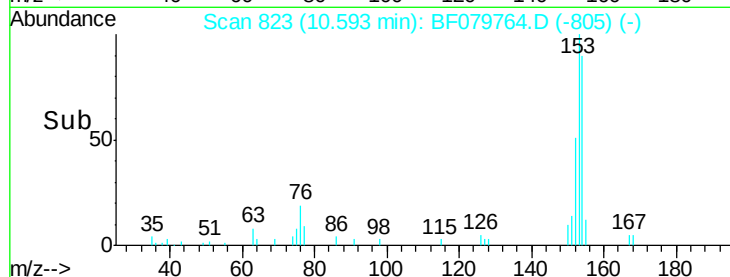
152 56.2 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.78 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

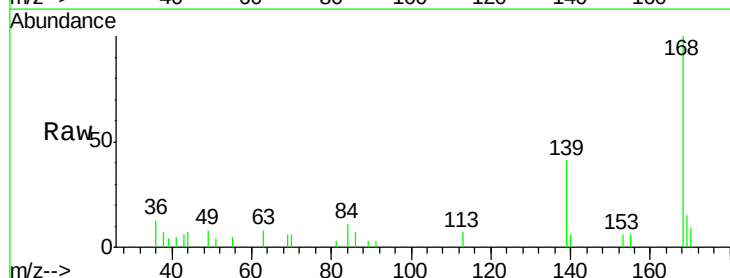
Tgt Ion:168 Resp: 8073

Ion Ratio Lower Upper

168 100

139 40.9 27.7 41.5

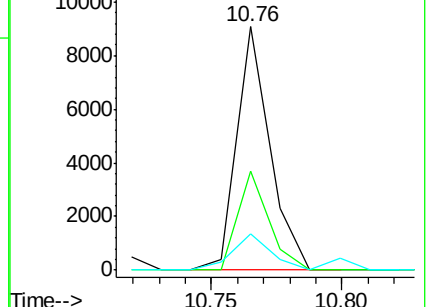
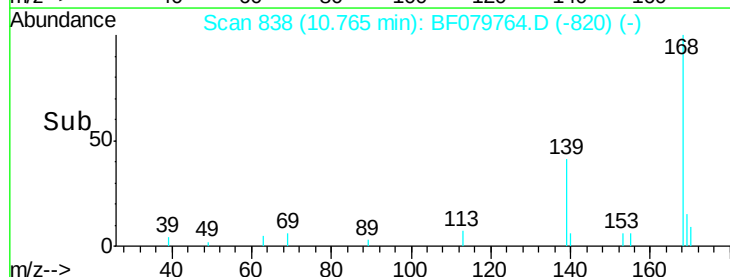
169 15.0 11.0 16.4

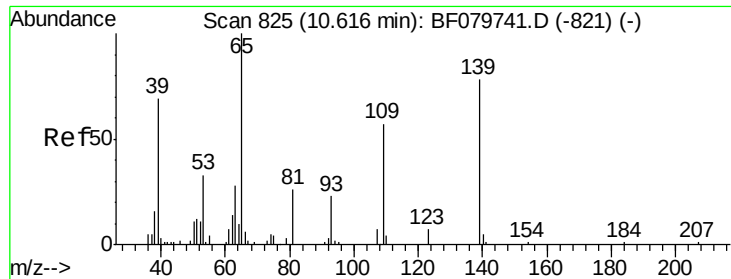


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

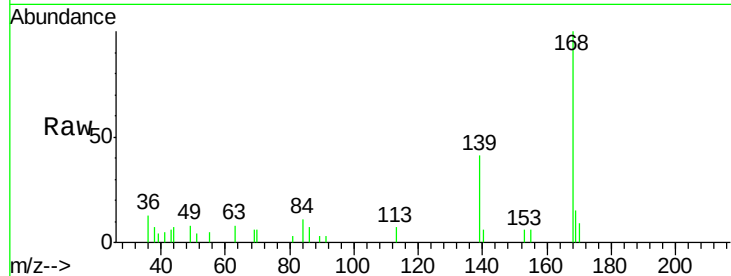




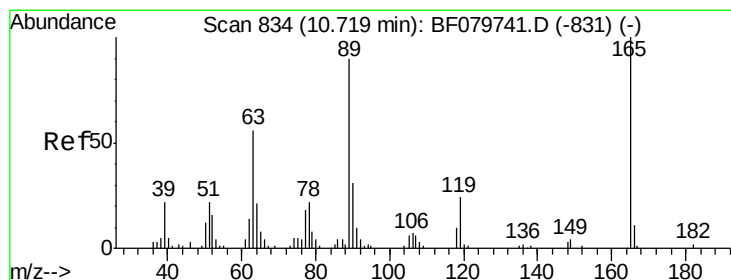
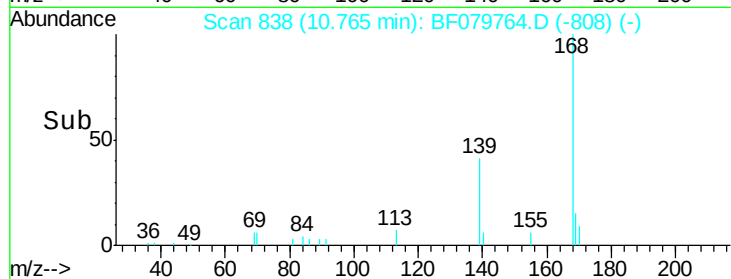
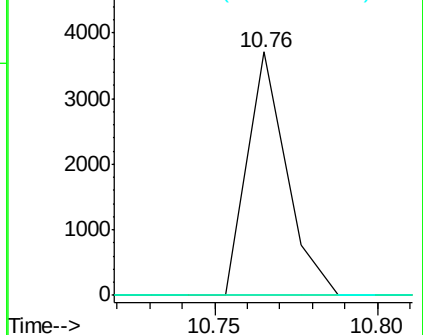
#55
4-Nitrophenol
Concen: 2.30 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.14 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Instrument :
BNA_F
ClientSampleId :
SB-12S

Tot Ion:139 Resp: 3071
Ion Ratio Lower Upper
139 100
109 0.0 44.2 84.2#
65 0.0 72.3 112.3#

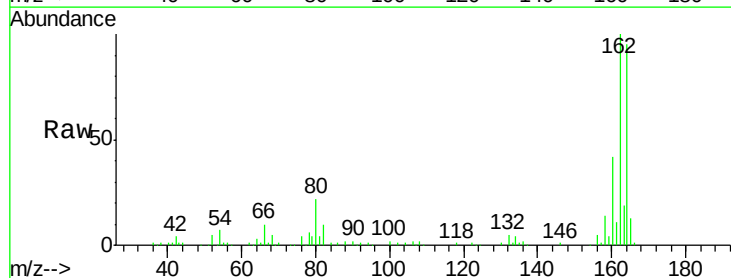


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

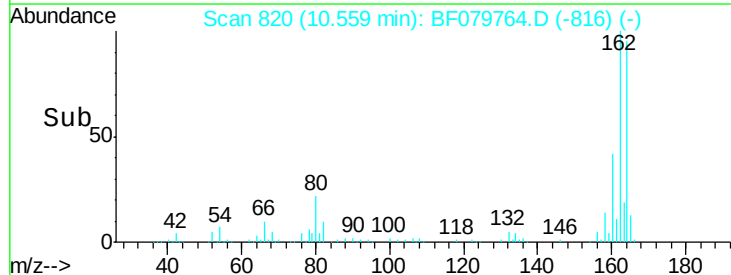
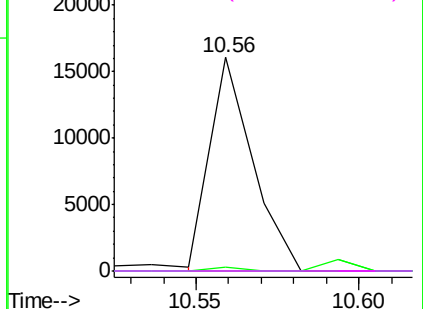


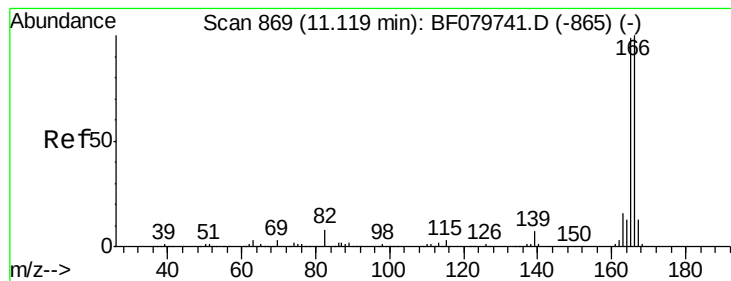
#56
2,4-Dinitrotoluene
Concen: 11.76 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.16 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Tgt Ion:165 Resp: 14534
Ion Ratio Lower Upper
165 100
63 2.1 24.7 37.1#
89 0.0 45.7 68.5#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 1.32 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampled :

SB-12S

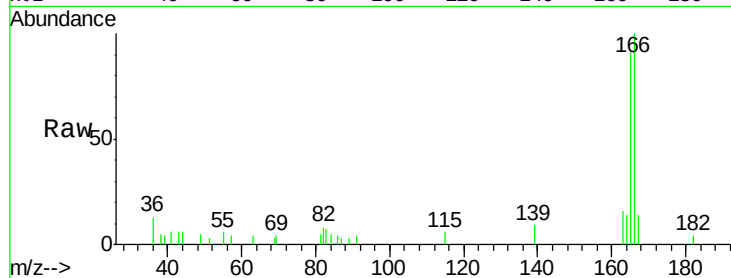
Tot Ion:166 Resp: 11807

Ion Ratio Lower Upper

166 100

165 90.6 79.4 119.0

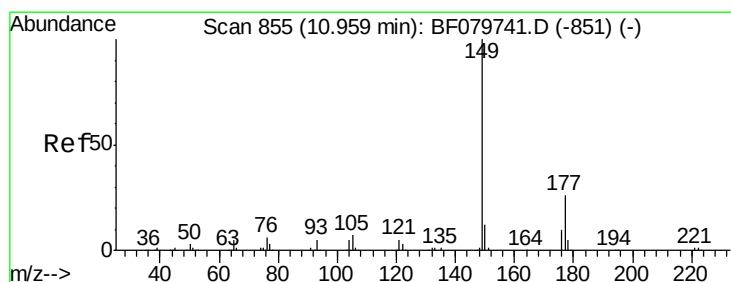
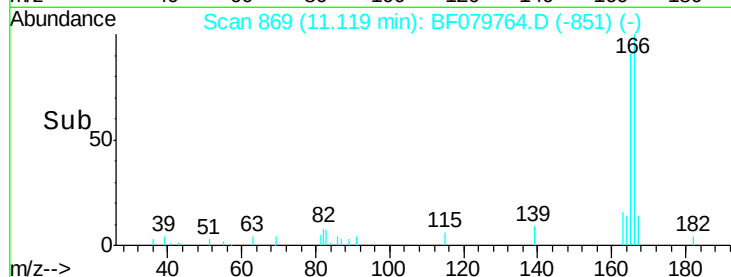
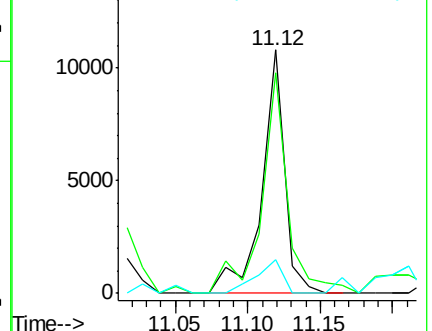
167 13.6 11.0 16.4



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



#59

Diethylphthalate

Concen: 0.09 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

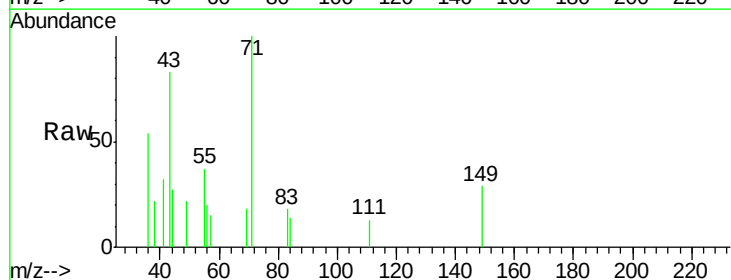
Tgt Ion:149 Resp: 719

Ion Ratio Lower Upper

149 100

177 0.0 18.1 27.1#

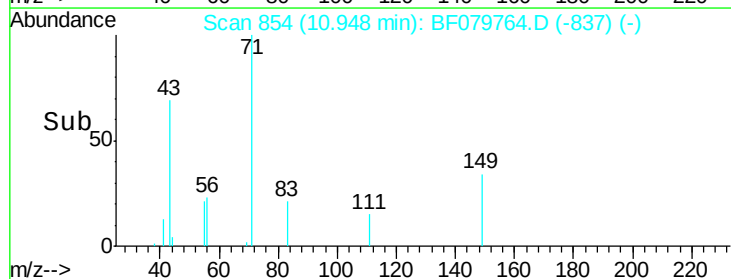
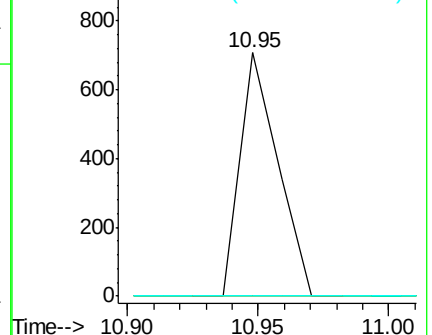
150 0.0 10.5 15.7#

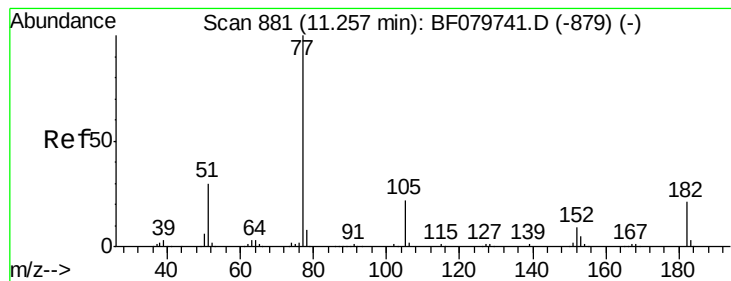


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.06 ng

RT: 11.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

Tot Ion: 77 Resp: 507

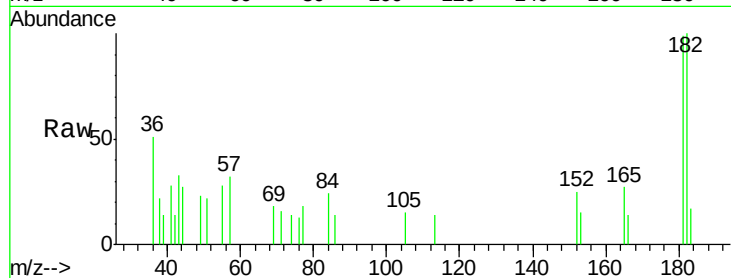
Ion Ratio Lower Upper

77 100

182 562.8 0.0 35.2#

105 83.9 0.0 39.5#

51 124.9 12.4 52.4#

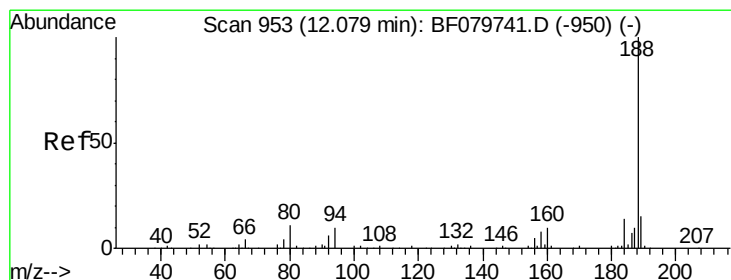
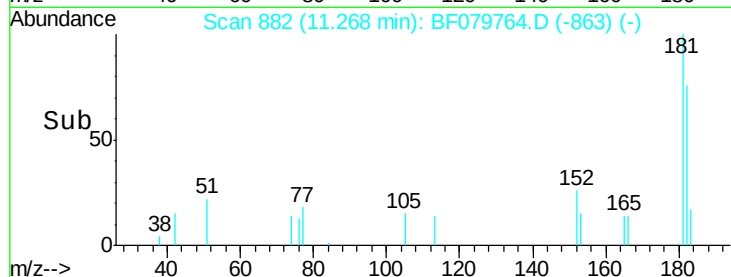
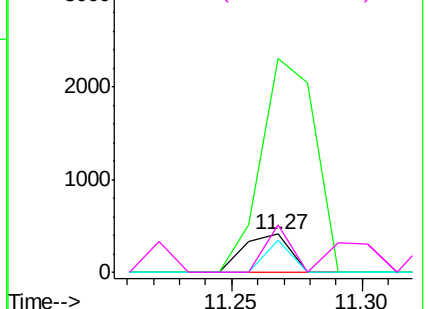


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.09 min Scan# 954

Delta R.T. 0.02 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

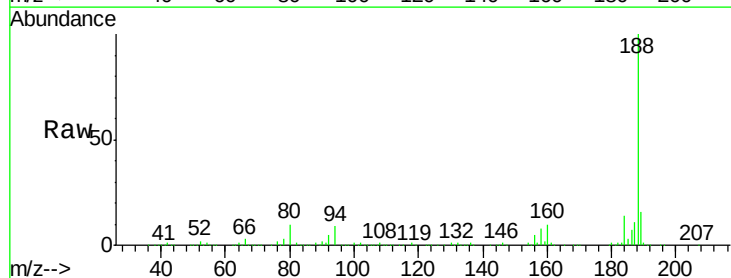
Tgt Ion: 188 Resp: 241004

Ion Ratio Lower Upper

188 100

94 8.7 5.0 7.4#

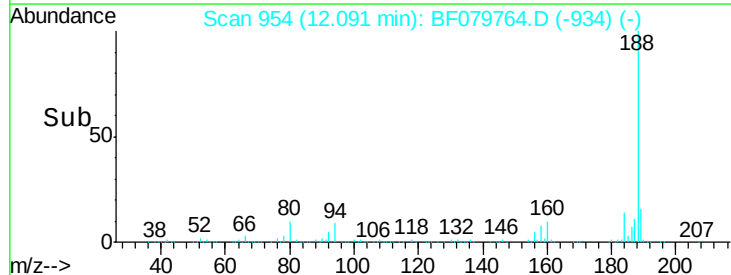
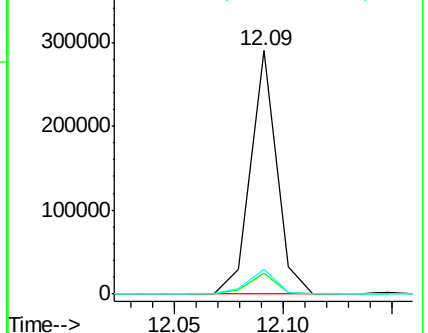
80 9.9 5.3 7.9#

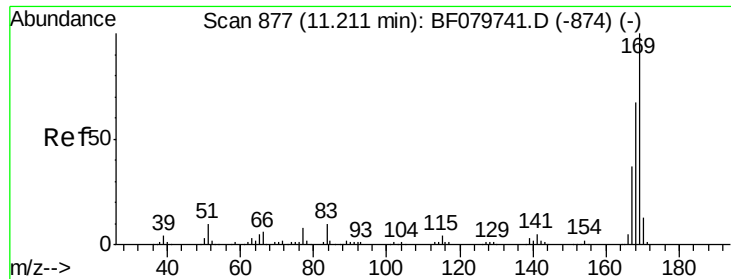


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 0.18 ng

RT: 11.22 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampled :

SB-12S

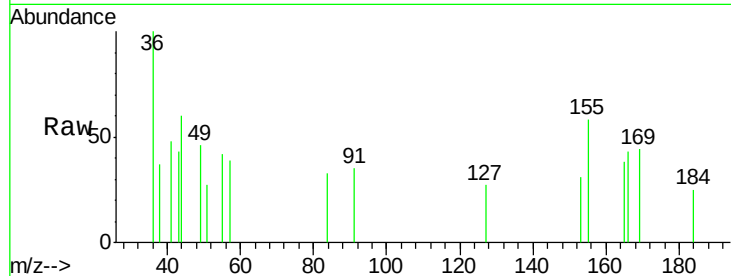
Tot Ion:169 Resp: 1452

Ion Ratio Lower Upper

169 100

168 0.0 54.8 82.2#

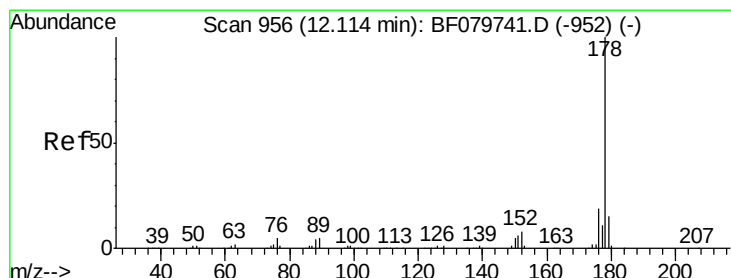
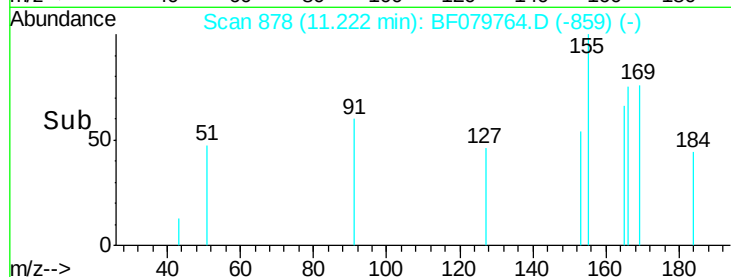
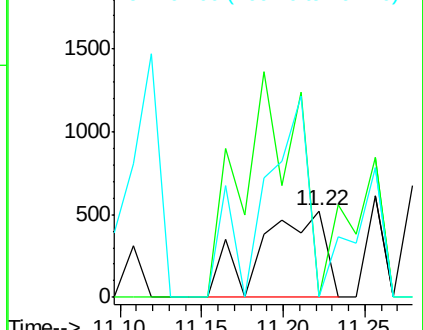
167 0.0 29.7 44.5#



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: 10.95 ng

RT: 12.11 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

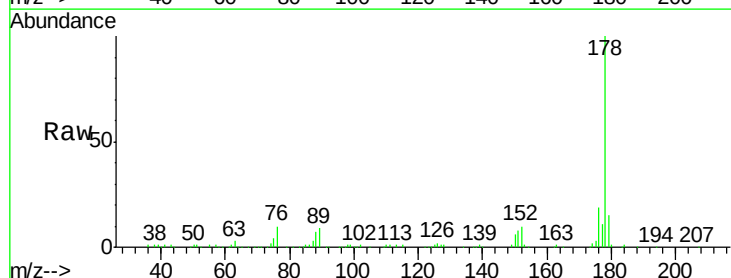
Tgt Ion:178 Resp: 154460

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.4

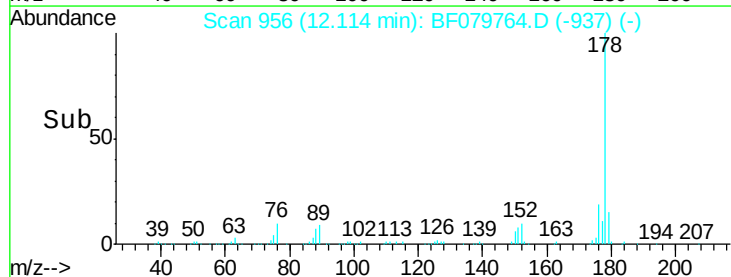
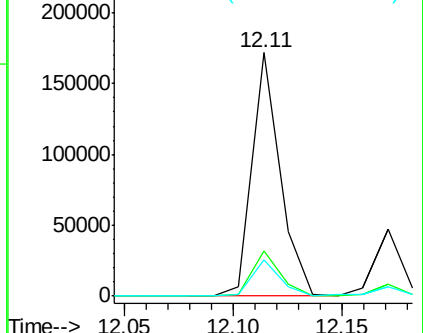
179 14.7 12.6 19.0

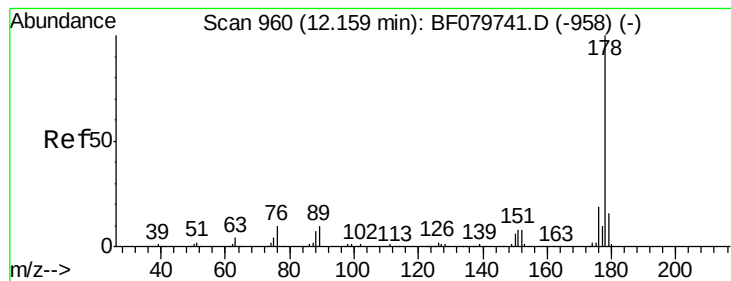


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.89 ng

RT: 12.17 min Scan# 961

Delta R.T. 0.02 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

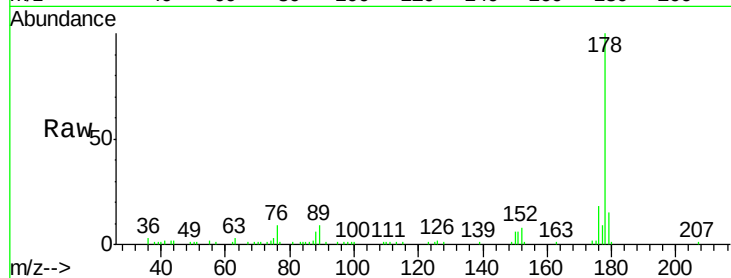
Tot Ion:178 Resp: 40226

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	14.5	12.2	18.2

178 100

176 18.5 14.8 22.2

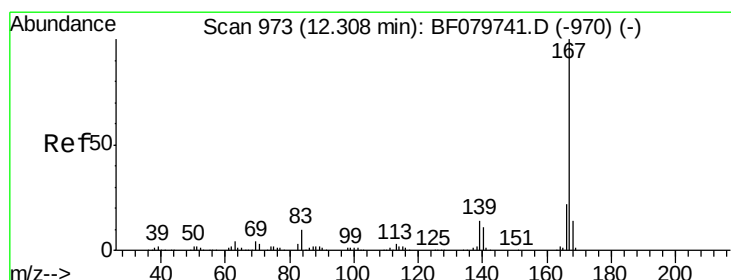
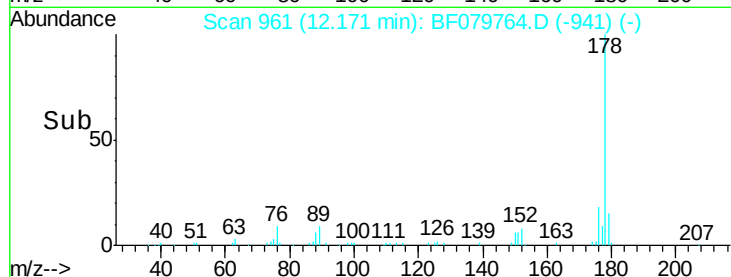
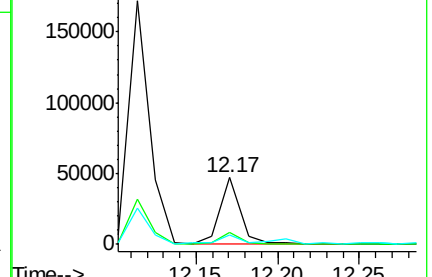
179 14.5 12.2 18.2



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: 0.74 ng

RT: 12.32 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

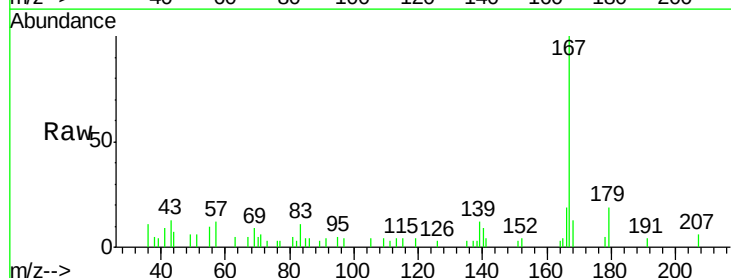
Tgt Ion:167 Resp: 9837

Ion	Ratio	Lower	Upper
167	100		
166	19.4	17.7	26.5
139	12.5	9.3	13.9

167 100

166 19.4 17.7 26.5

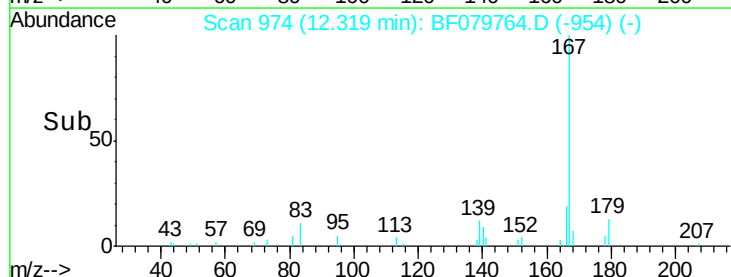
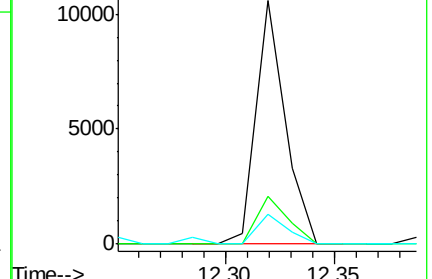
139 12.5 9.3 13.9

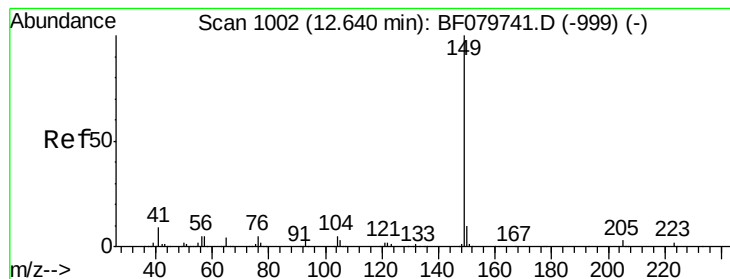


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.24 ng

RT: 12.66 min Scan# 1004

Delta R.T. 0.05 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

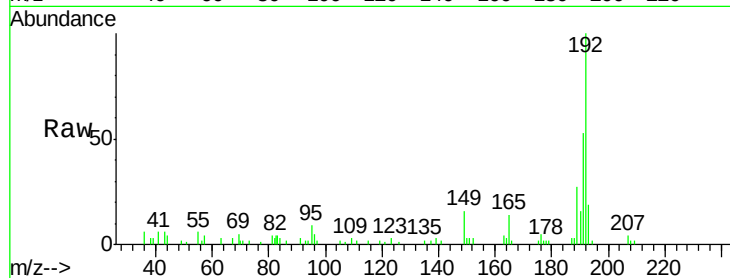
Tot Ion:149 Resp: 3634

Ion Ratio Lower Upper

149 100

150 19.7 9.8 14.8#

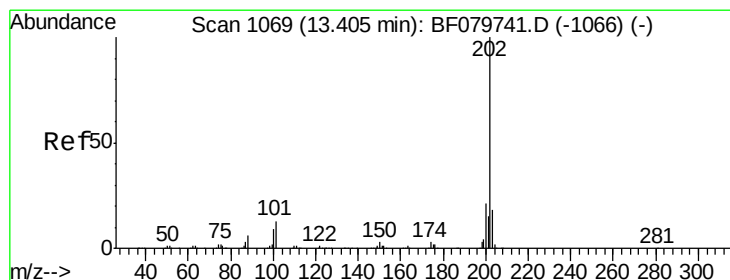
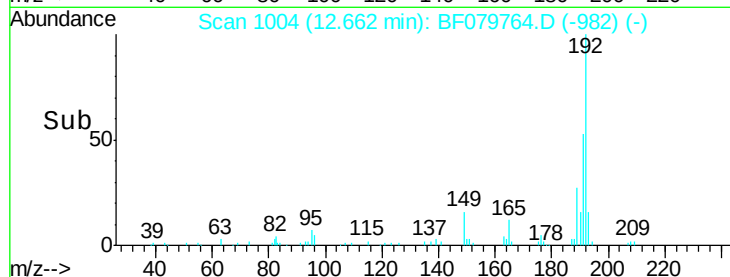
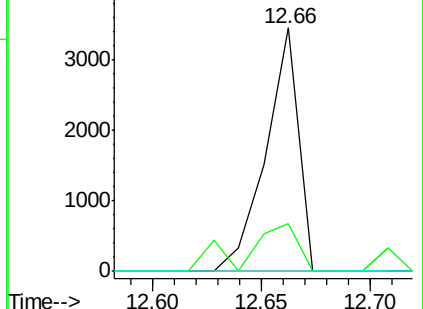
104 0.0 12.9 19.3#



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: 14.36 ng

RT: 13.44 min Scan# 1072

Delta R.T. 0.08 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

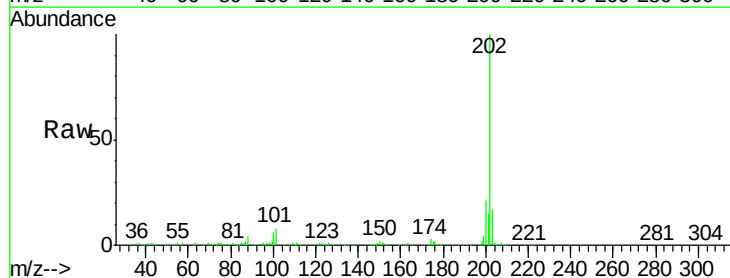
Tgt Ion:202 Resp: 221826

Ion Ratio Lower Upper

202 100

101 8.3 0.0 31.3

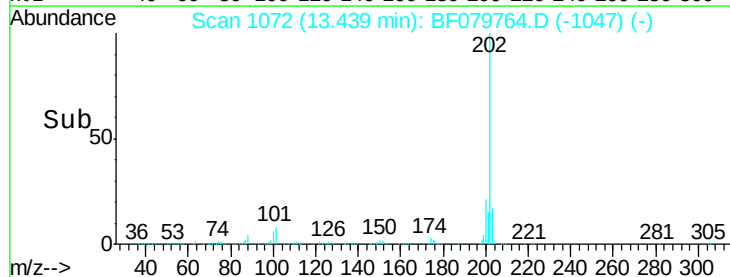
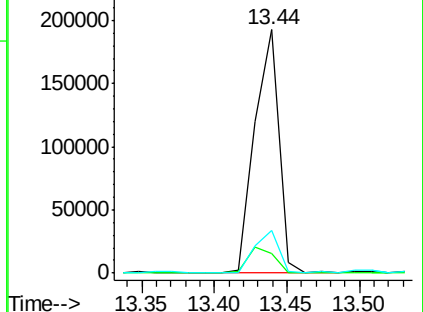
203 17.3 0.0 38.4

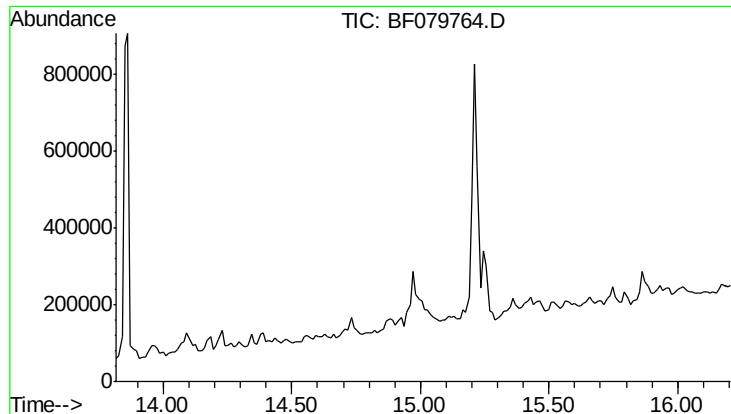


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 15.02 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

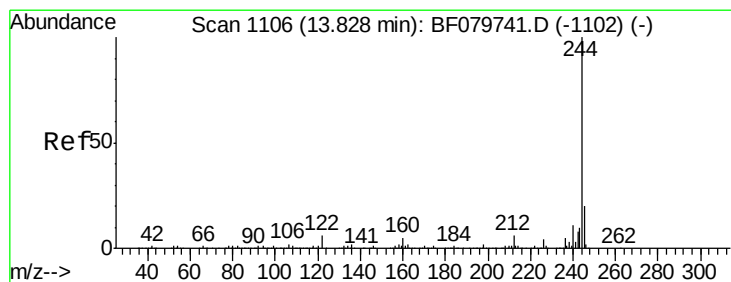
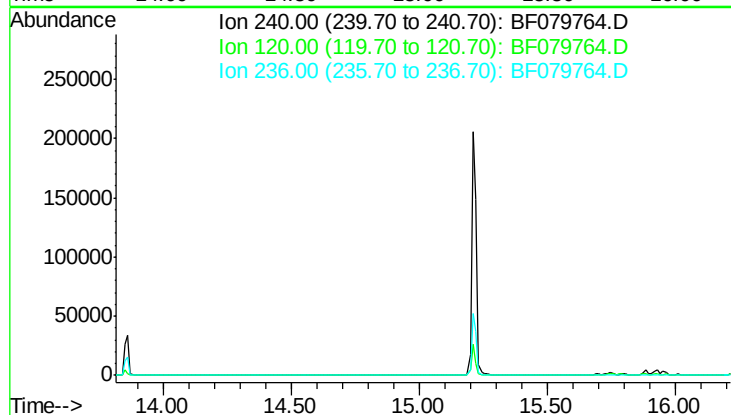
Tot Ion: 240

Sig Exp Ratio

240 100

120 7.7

236 26.2



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.86 min Scan# 1109

Delta R.T. 0.11 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

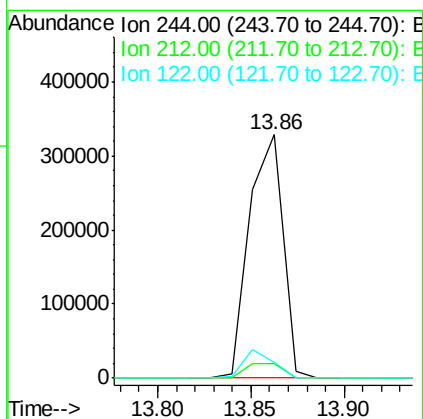
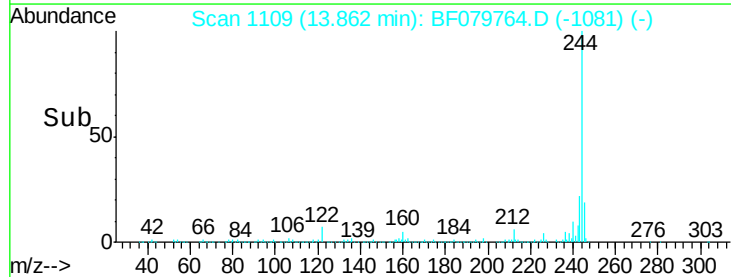
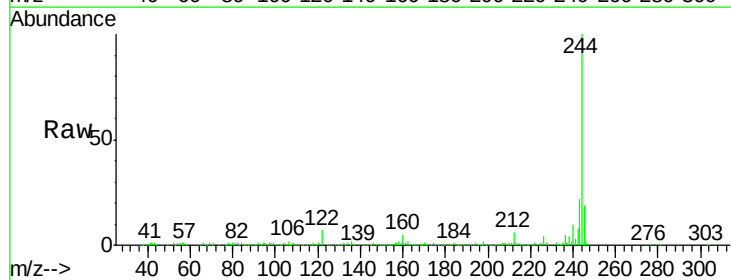
Tgt Ion: 244 Resp: 412202

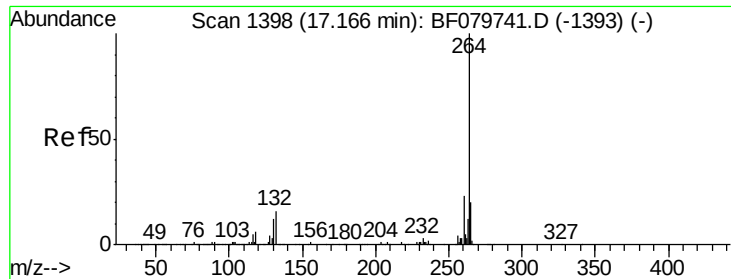
Ion Ratio Lower Upper

244 100

212 6.1 6.1 9.1

122 6.6 9.3 13.9#

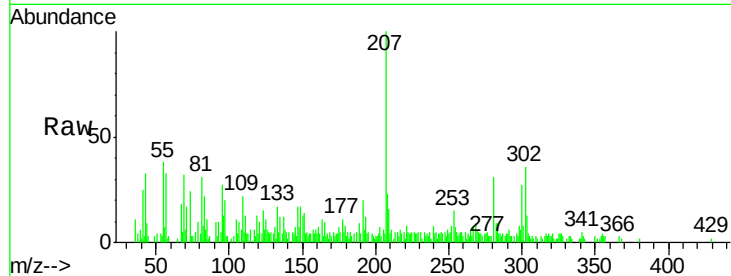




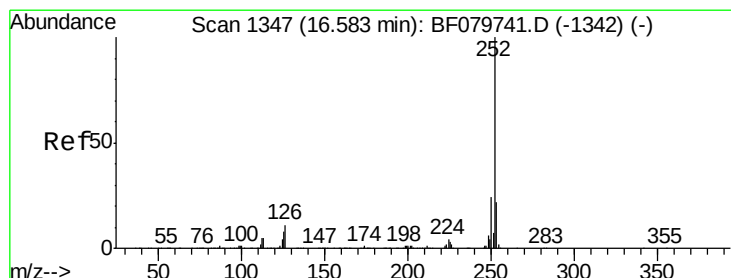
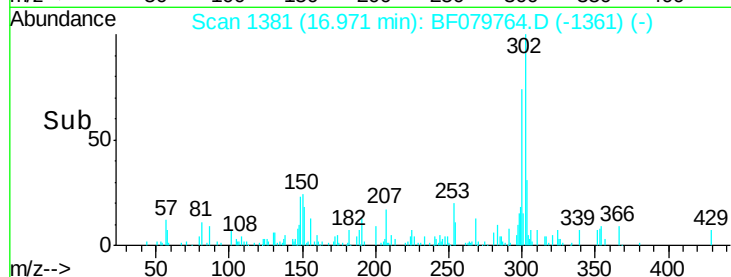
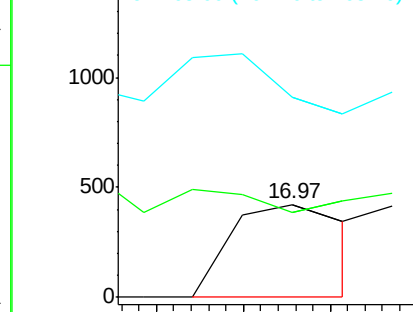
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.97 min Scan# 1381
Delta R.T. 0.02 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Instrument :
BNA_F
ClientSampled :
SB-12S

Tot Ion:264 Resp: 784
Ion Ratio Lower Upper
264 100
260 91.3 18.6 27.8#
265 215.4 18.2 27.4#

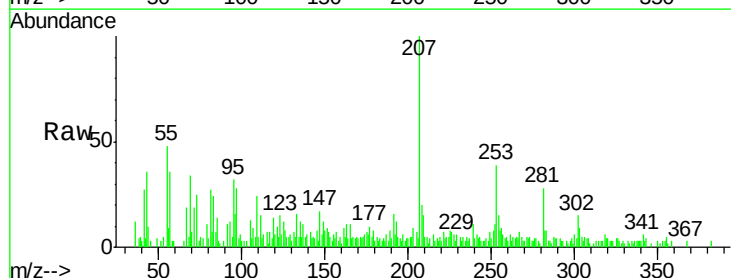


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

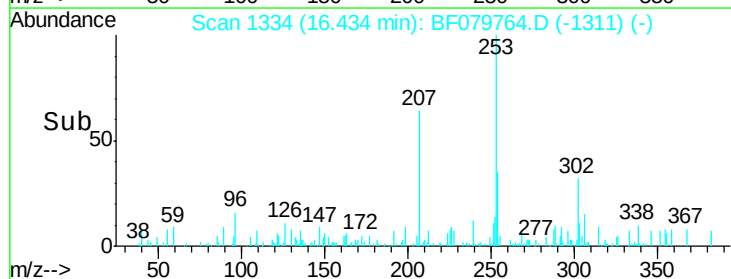
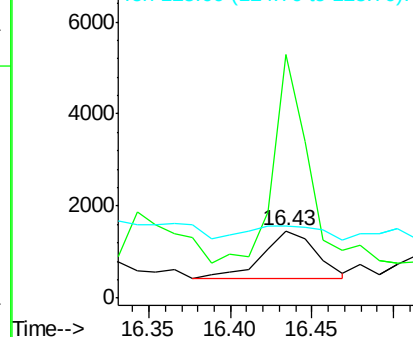


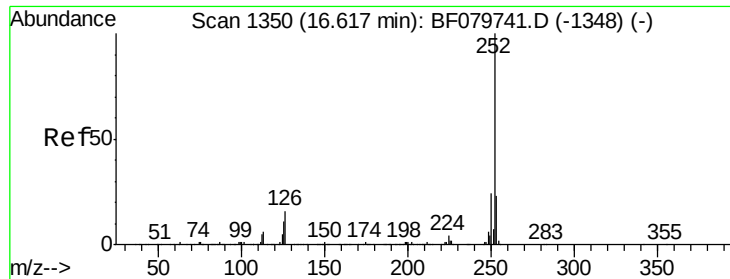
#87
Benzo(b)fluoranthene
Concen: 48.40 ng
RT: 16.43 min Scan# 1334
Delta R.T. 0.06 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Tgt Ion:252 Resp: 2357
Ion Ratio Lower Upper
252 100
253 360.4 17.4 26.2#
125 107.2 6.5 9.7#



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

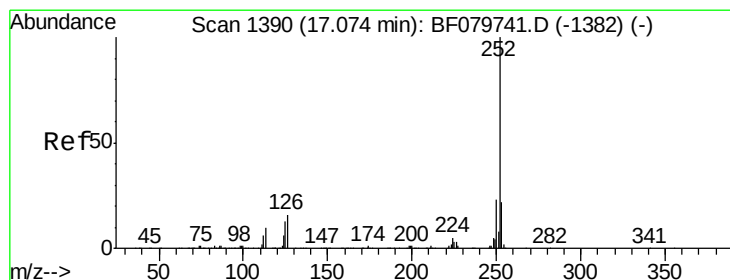
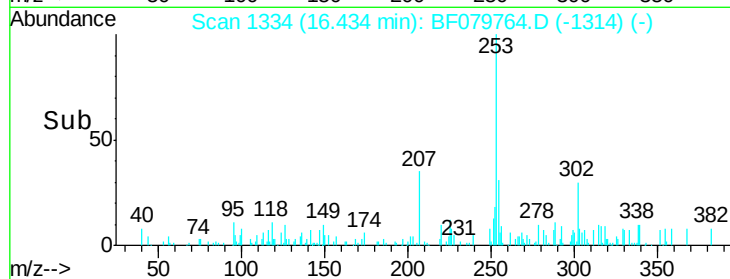
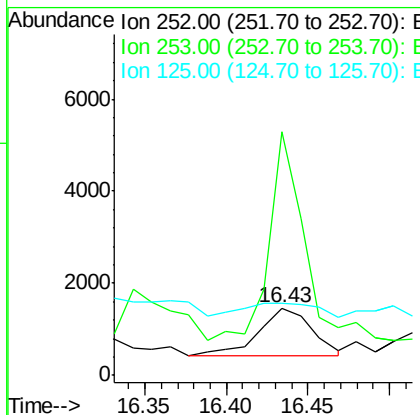
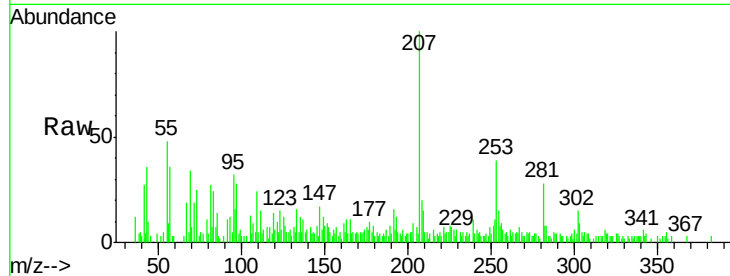




#88
Benzo(k)fluoranthene
Concen: 50.46 ng
RT: 16.43 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

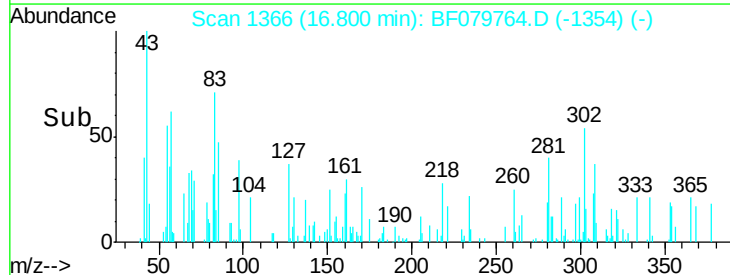
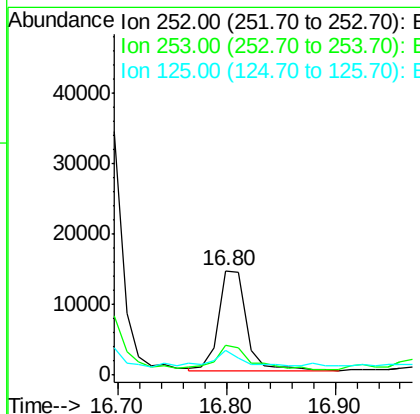
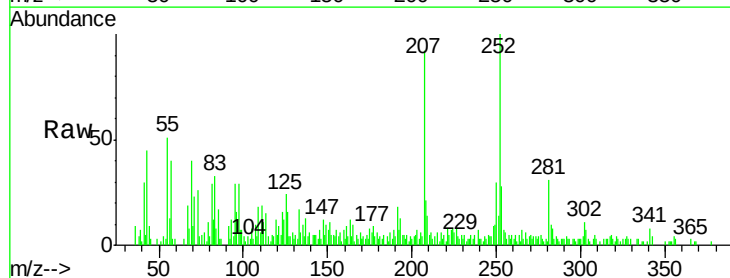
Instrument :
BNA_F
ClientSampleId :
SB-12S

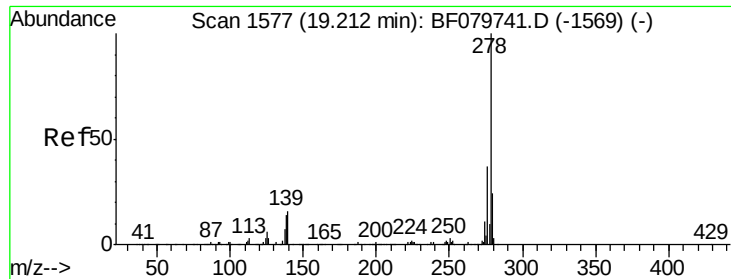
Tot Ion:252 Resp: 2357
Ion Ratio Lower Upper
252 100
253 360.4 17.8 26.8#
125 107.2 8.4 12.6#



#89
Benzo(a)pyrene
Concen: 565.20 ng
RT: 16.80 min Scan# 1366
Delta R.T. -0.07 min
Lab File: BF079764.D
Acq: 6 Jun 2015 9:19

Tgt Ion:252 Resp: 25411
Ion Ratio Lower Upper
252 100
253 28.2 17.6 26.4#
125 24.0 7.4 11.0#





#90

Dibenzo(a,h)anthracene

Concen: 316.36 ng

RT: 19.03 min Scan# 1561

Delta R.T. 0.06 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Instrument :

BNA_F

ClientSampleId :

SB-12S

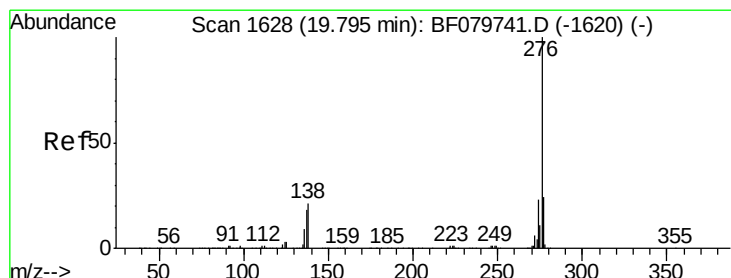
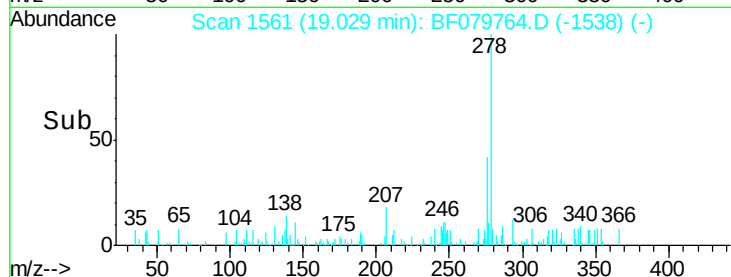
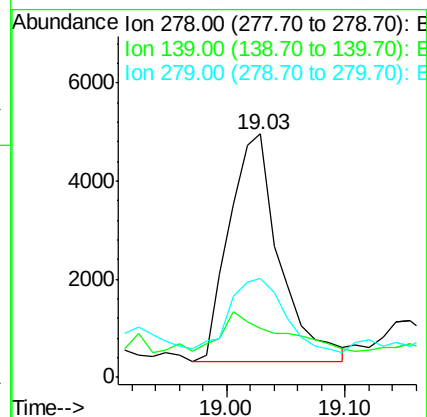
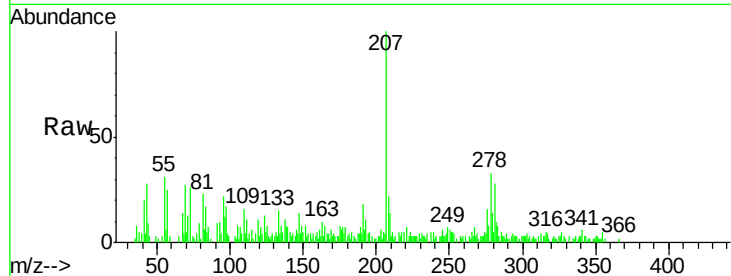
Tot Ion:278 Resp: 13727

Ion Ratio Lower Upper

278 100

139 20.0 12.7 19.1#

279 40.8 19.4 29.2#



#91

Benzo(g,h,i)perylene

Concen: 93.76 ng

RT: 19.60 min Scan# 1611

Delta R.T. 0.03 min

Lab File: BF079764.D

Acq: 6 Jun 2015 9:19

Tgt Ion:276 Resp: 4206

Ion Ratio Lower Upper

276 100

277 68.1 18.8 28.2#

138 58.8 18.2 27.2#

