

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079761.D
 Acq On : 6 Jun 2015 7:53
 Operator : TP/IZ
 Sample : G2443-07 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-026

Quant Time: Jun 08 04:50:33 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	50252	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	208821	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	115800	20.00	ng	0.00
63) Phenanthrene-d10	12.08	188	241981	20.00	ng	0.01
75) Chrysene-d12	15.17	240	274053	20.00	ng	0.15
86) Perylene-d12	17.19	264	256466	20.00	ng	0.24

System Monitoring Compounds

5) 2-Fluorophenol	6.10	112	147908	24.67	ng	0.00
7) Phenol-d6	7.08	99	207594	26.80	ng	0.00
23) Nitrobenzene-d5	8.04	82	103441	15.21	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	54157	24.45	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	236153	13.81	ng	0.00
78) Terphenyl-d14	13.83	244	325803	13.61	ng	0.08

Target Compounds

						Qvalue
6) Aniline	7.26	93	218	0.04	ng	# 1
10) Phenol	7.10	94	640	0.15	ng	# 59
11) bis(2-Chloroethyl)ether	7.26	93	218	0.07	ng	# 1
15) Benzyl Alcohol	7.64	79	2003	0.63	ng	# 42
24) Nitrobenzene	8.04	77	368	0.11	ng	# 47
31) Naphthalene	8.87	128	215	0.02	ng	# 1
45) 1,1'-Biphenyl	9.86	154	311	0.03	ng	# 1
48) Acenaphthylene	10.42	152	2385	0.18	ng	# 86
49) Dimethylphthalate	10.24	163	47240	5.30	ng	# 99
50) 2,6-Dinitrotoluene	10.24	165	427	1.38	ng	# 1
51) Acenaphthene	10.59	154	239	0.03	ng	# 60
56) 2,4-Dinitrotoluene	10.56	165	14309	11.14	ng	# 33
57) Fluorene	11.12	166	232	0.02	ng	# 46
59) Diethylphthalate	10.95	149	300	0.03	ng	# 58
62) Azobenzene	11.35	77	208	0.02	ng	# 1
65) n-Nitrosodiphenylamine	11.36	169	1805	0.22	ng	# 41
70) Phenanthrene	12.10	178	1329	0.09	ng	# 63
71) Anthracene	12.16	178	1048	0.08	ng	# 61
72) Carbazole	12.31	167	721	0.05	ng	# 59
73) Di-n-butylphthalate	12.64	149	707	0.05	ng	# 65
74) Fluoranthene	13.41	202	2920	0.19	ng	# 91
77) Pyrene	13.68	202	3402	0.20	ng	# 93
79) Butylbenzylphthalate	14.40	149	1817	0.27	ng	# 88
80) Benzo(a)anthracene	15.15	228	4780	0.28	ng	# 72
81) 3,3'-Dichlorobenzidine	15.06	252	208	0.04	ng	# 24
82) Chrysene	15.15	228	4780	0.31	ng	# 76
83) Bis(2-ethylhexyl)phthalate	15.12	149	2009	0.19	ng	# 82
84) Di-n-octyl phthalate	15.89	149	538	0.03	ng	# 1
85) Indeno(1,2,3-cd)pyrene	19.13	276	221	0.01	ng	# 50
87) Benzo(b)fluoranthene	16.59	252	5458	0.34	ng	# 39
88) Benzo(k)fluoranthene	16.59	252	5458	0.36	ng	# 42
89) Benzo(a)pyrene	17.10	252	3480	0.24	ng	# 65
90) Dibenzo(a,h)anthracene	19.22	278	4005	0.28	ng	# 32
91) Benzo(g,h,i)perylene	19.81	276	5179	0.35	ng	# 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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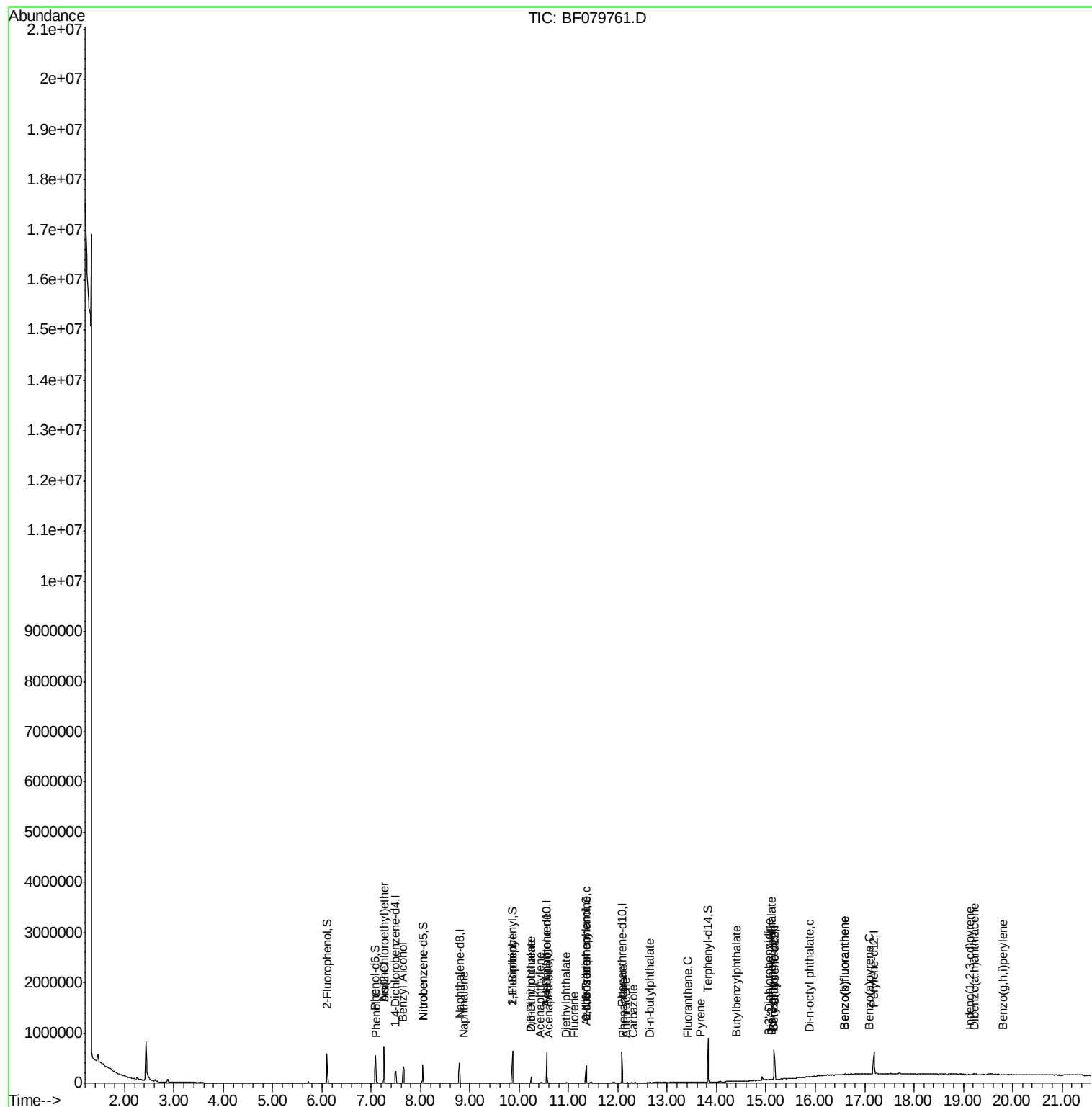
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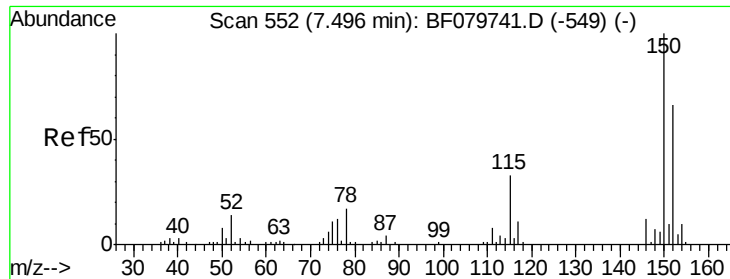
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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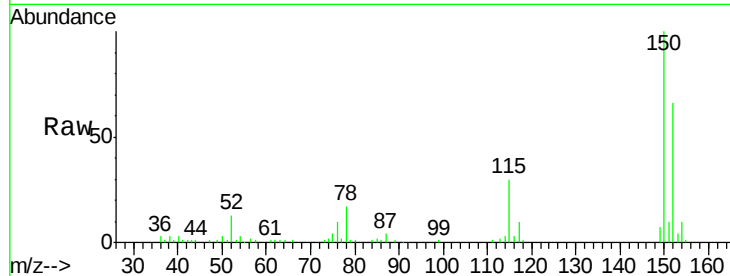


#1

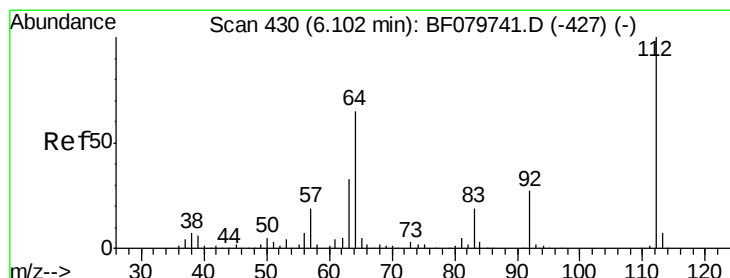
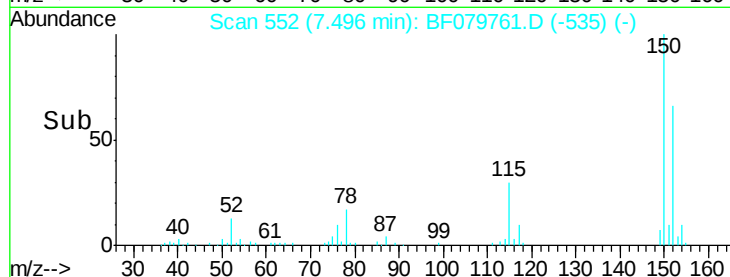
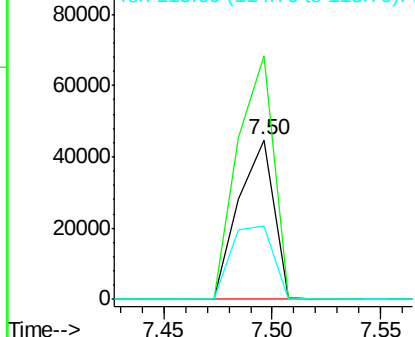
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Instrument :
BNA_F
ClientSampled :
SW-026

Tot Ion:152 Resp: 50252
Ion Ratio Lower Upper
152 100
150 152.5 128.1 192.1
115 45.9 49.7 74.5#



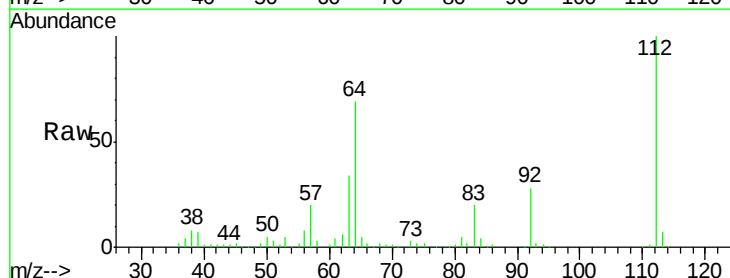
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



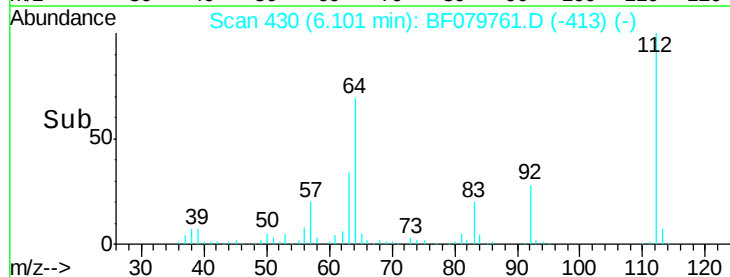
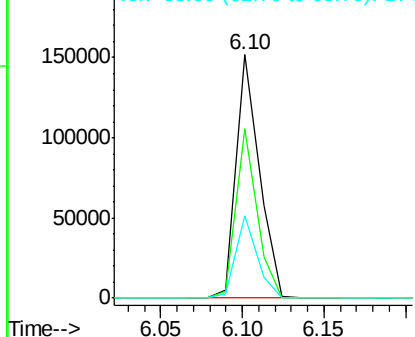
#5

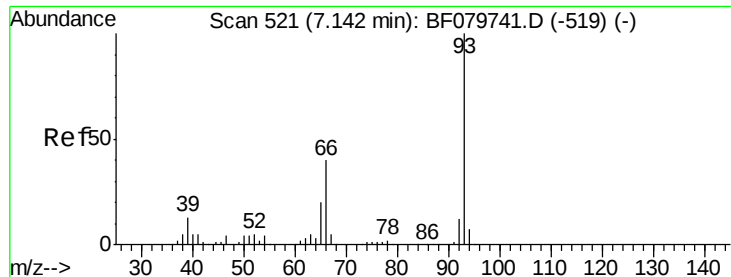
2-Fluorophenol
Concen: 24.67 ng
RT: 6.10 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Tgt Ion:112 Resp: 147908
Ion Ratio Lower Upper
112 100
64 69.4 49.6 74.4
63 33.9 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





#6

Aniline

Concen: 0.04 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.11 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

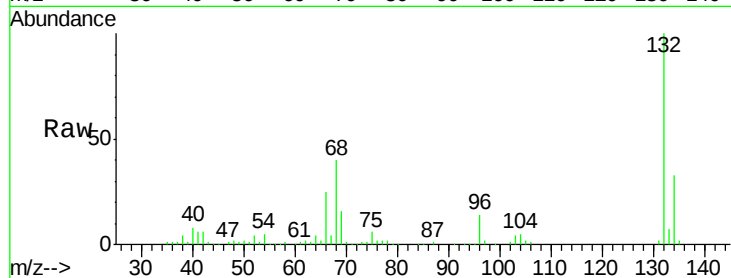
Tot Ion: 93 Resp: 218

Ion Ratio Lower Upper

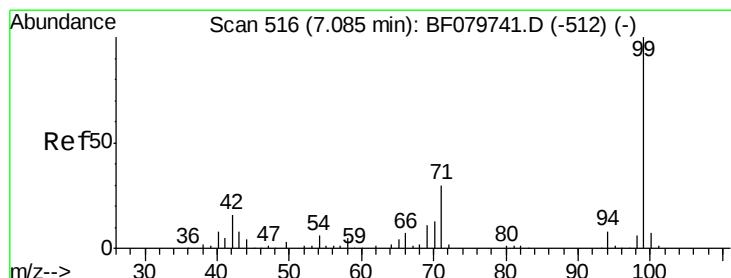
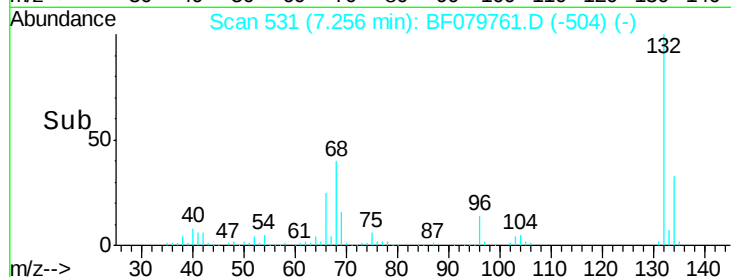
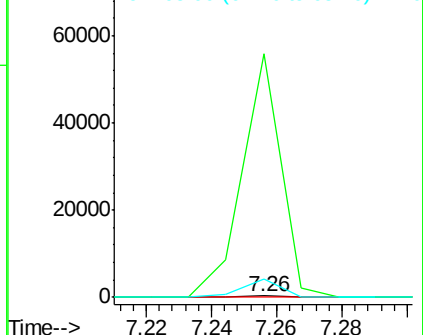
93 100

66 17559.7 30.3 45.5#

65 1323.3 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: 26.80 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

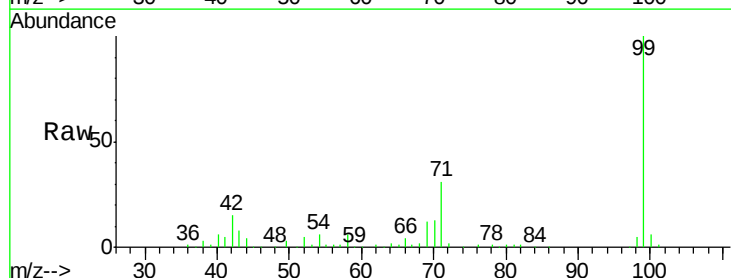
Tgt Ion: 99 Resp: 207594

Ion Ratio Lower Upper

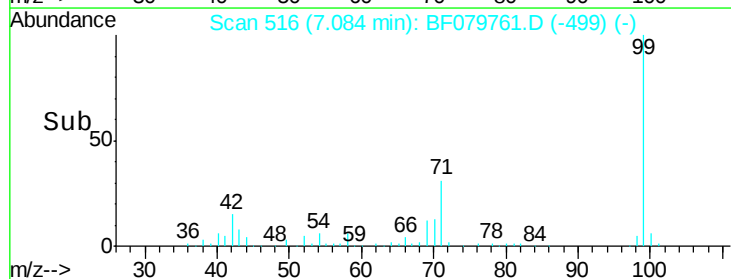
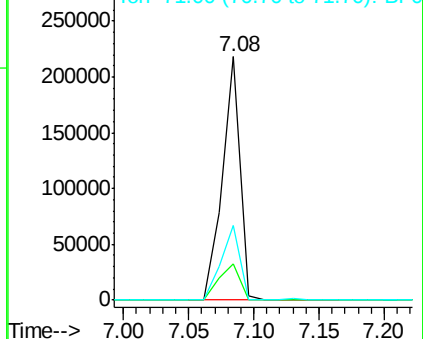
99 100

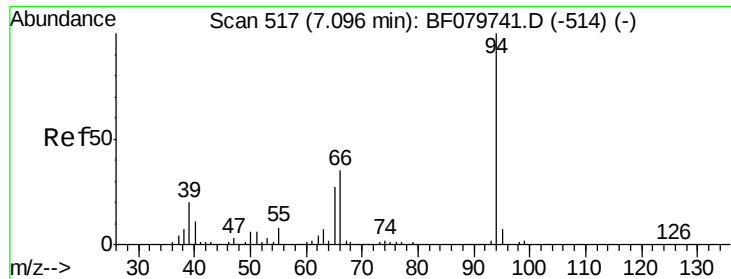
42 14.7 18.0 27.0#

71 30.9 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





#10

Phenol

Concen: 0.15 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

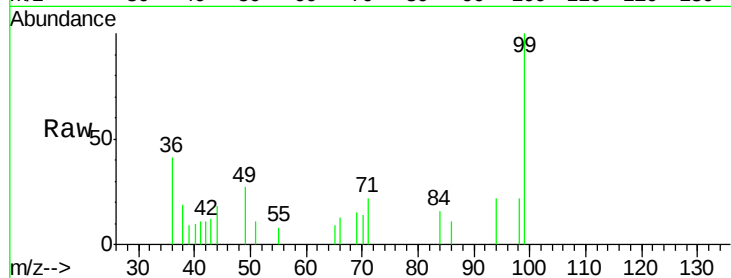
Tot Ion: 94 Resp: 640

Ion Ratio Lower Upper

94 100

65 39.5 5.3 45.3

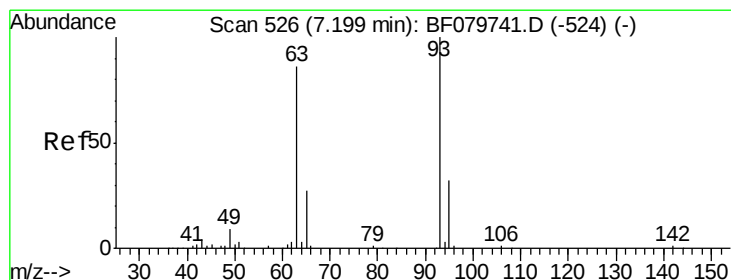
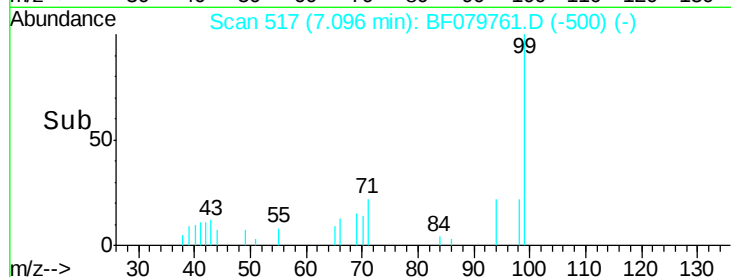
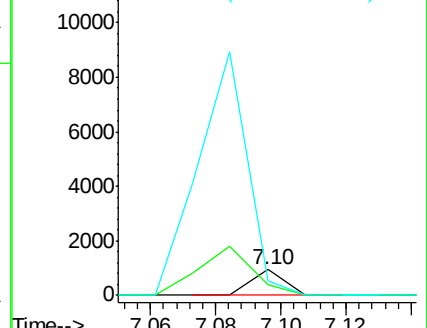
66 59.2 11.3 51.3#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.07 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.06 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

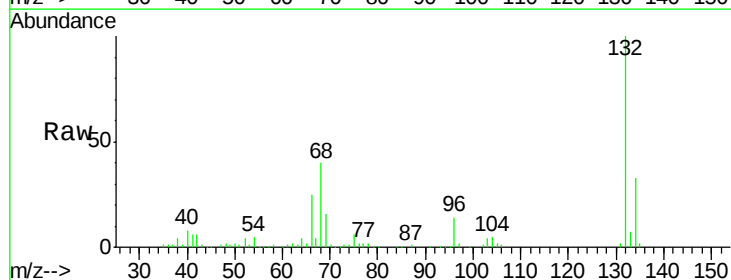
Tgt Ion: 93 Resp: 218

Ion Ratio Lower Upper

93 100

63 637.4 58.7 98.7#

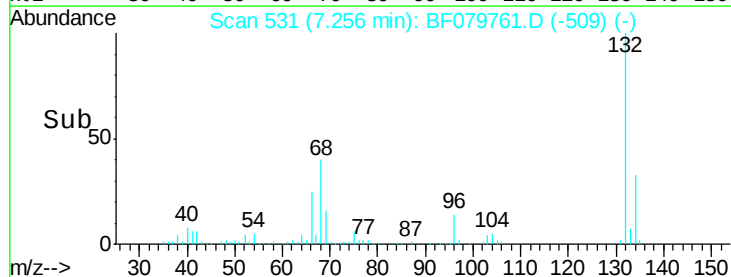
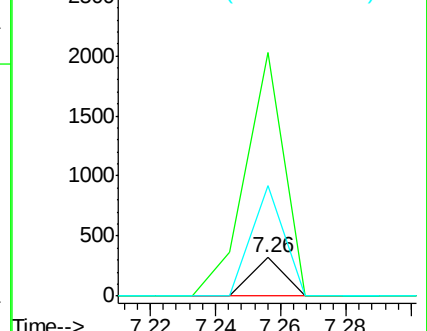
95 289.0 12.9 52.9#

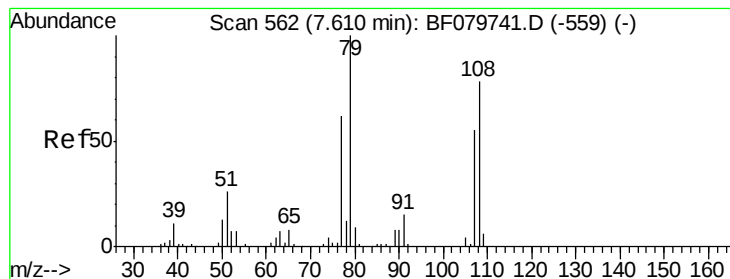


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 0.63 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

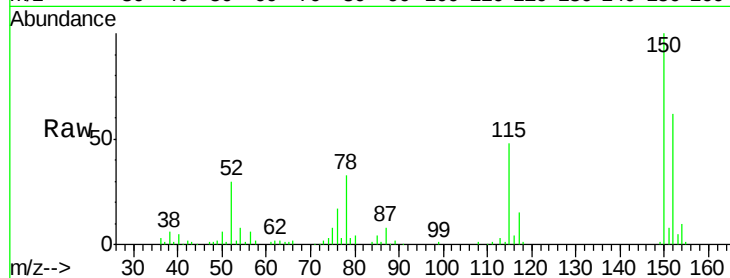
Tot Ion: 79 Resp: 2003

Ion Ratio Lower Upper

79 100

108 23.5 68.4 102.6#

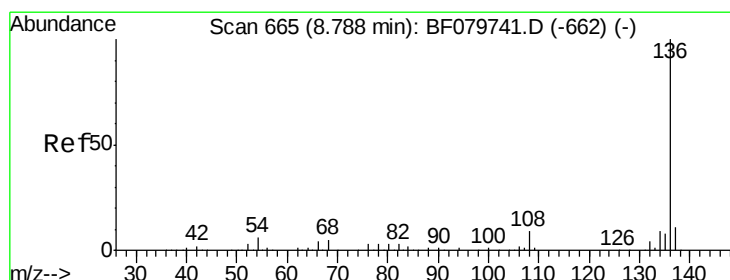
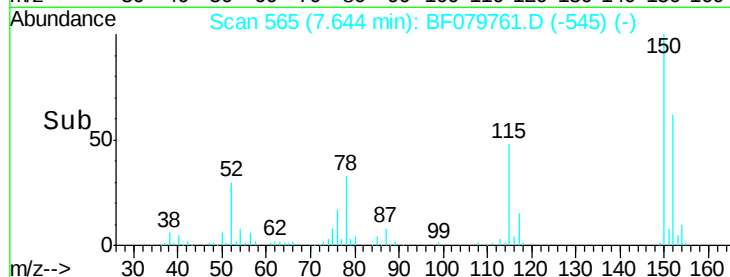
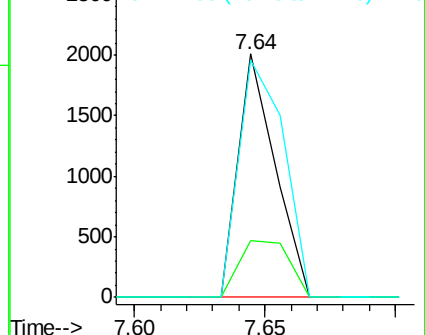
77 97.2 50.0 75.0#



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: BF079761.D

Acq: 6 Jun 2015 7:53

Tgt Ion: 136 Resp: 208821

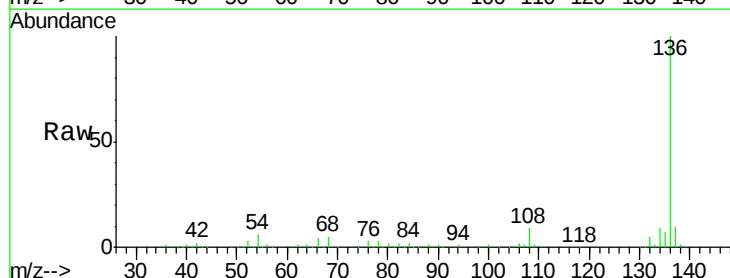
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 6.2 8.7 13.1#

68 4.6 5.8 8.8#

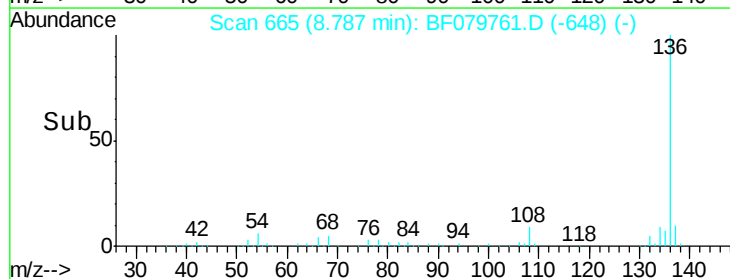
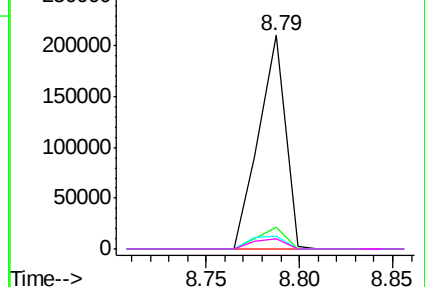


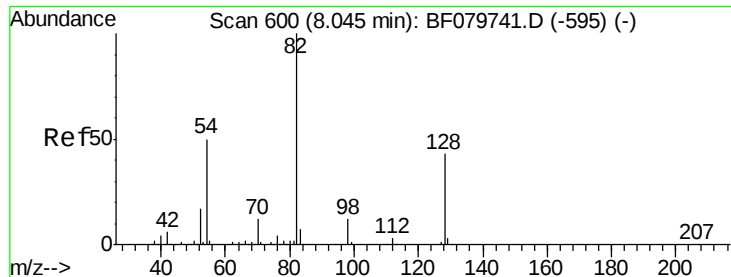
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

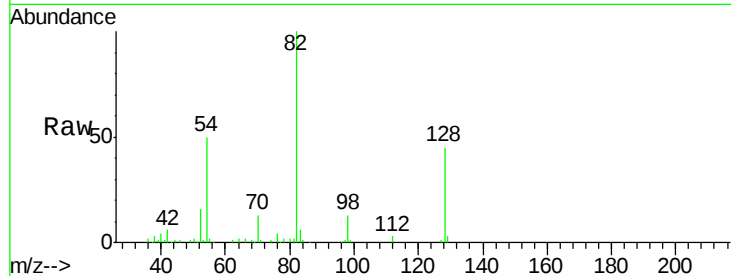




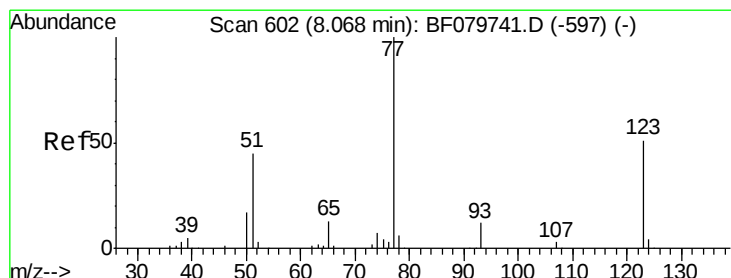
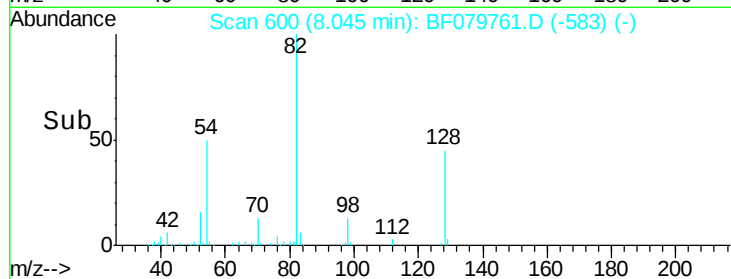
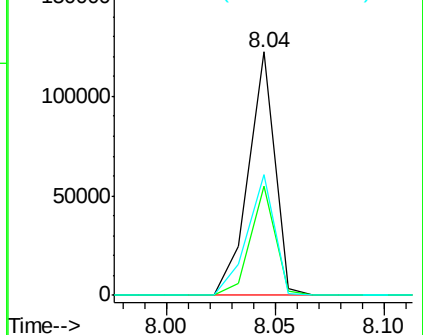
#23
Nitrobenzene-d5
Concen: 15.21 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

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SW-026

Tot Ion	82	Resp	103441
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.6	56.4
54	49.8	39.4	59.2

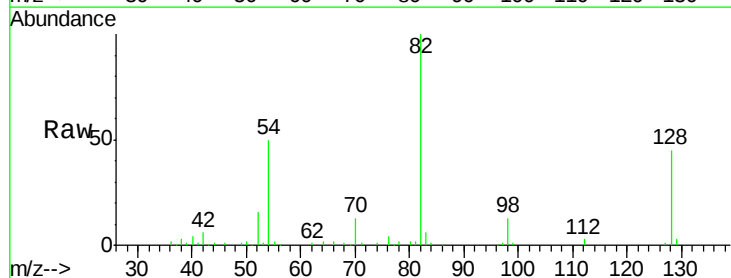


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

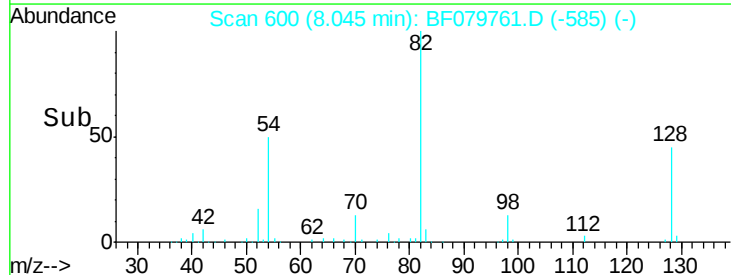
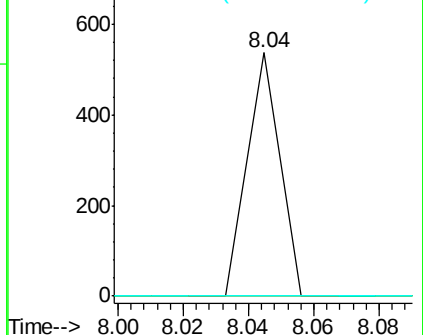


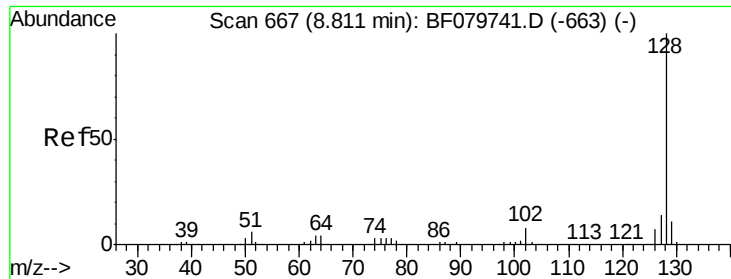
#24
Nitrobenzene
Concen: 0.11 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Tgt Ion	77	Resp	368
Ion Ratio	Lower	Upper	
77	100		
123	0.0	28.1	42.1#
65	0.0	10.9	16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0

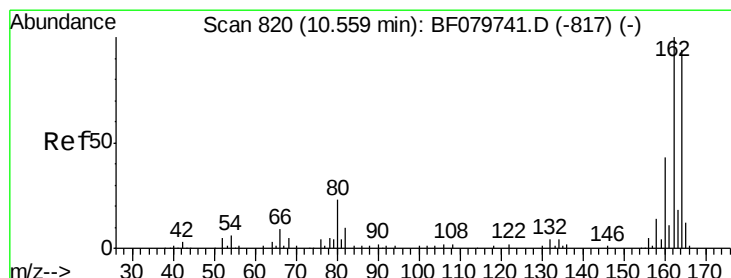
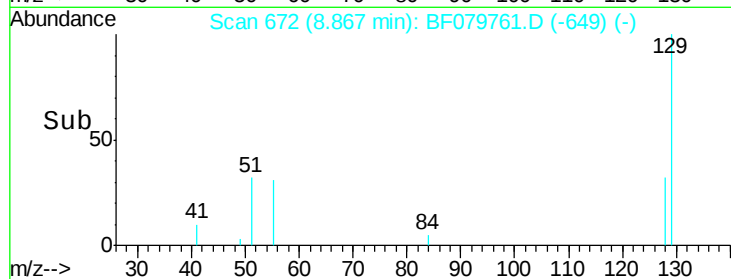
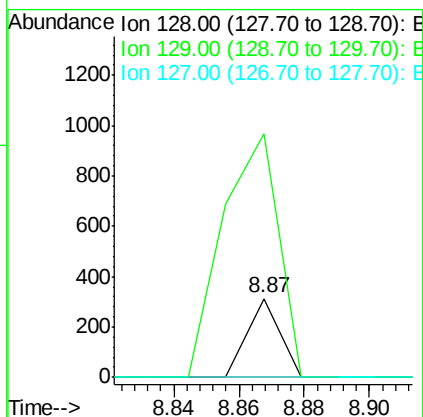
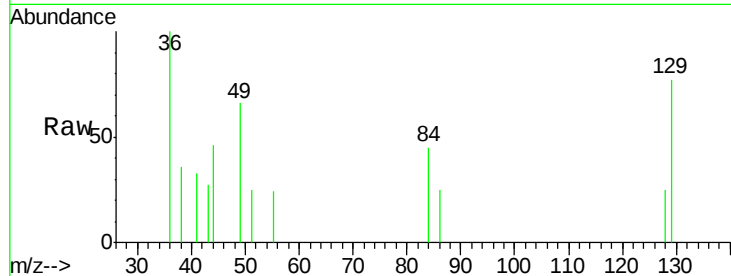




#31
Naphthalene
Concen: 0.02 ng
RT: 8.87 min Scan# 672
Delta R.T. 0.06 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

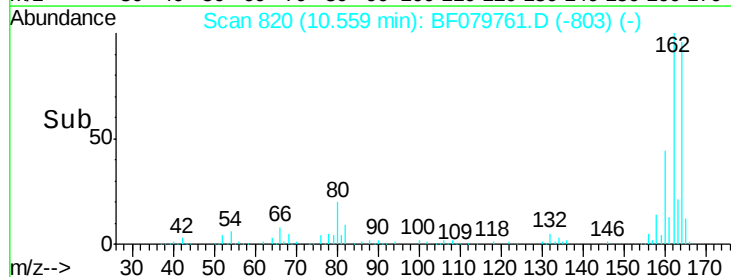
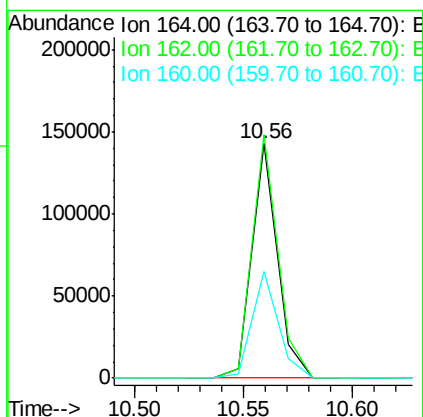
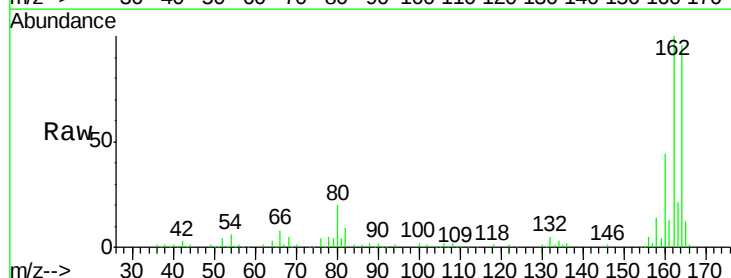
Instrument :
BNA_F
ClientSampleId :
SW-026

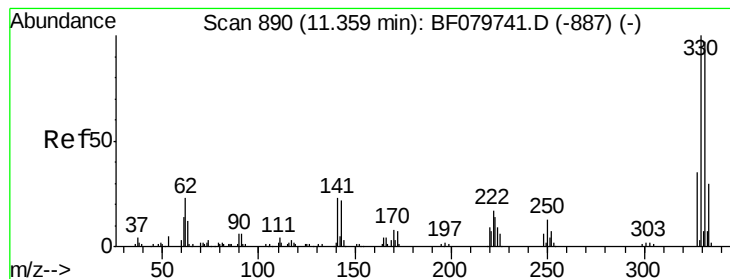
Tot Ion:128 Resp: 215
Ion Ratio Lower Upper
128 100
129 308.0 9.4 14.2#
127 0.0 10.7 16.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Tgt Ion:164 Resp: 115800
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 45.7 36.8 55.2

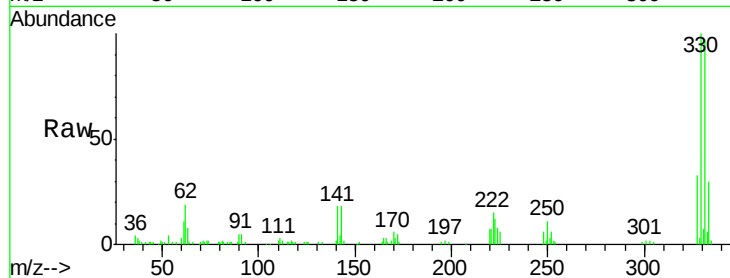




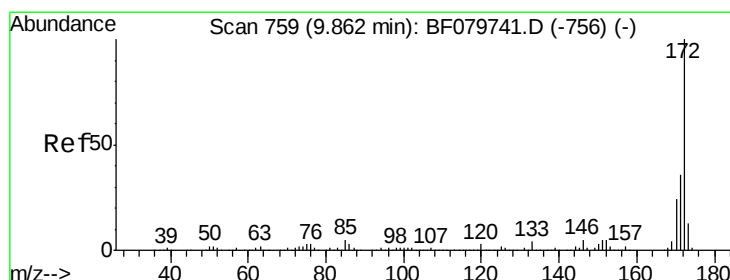
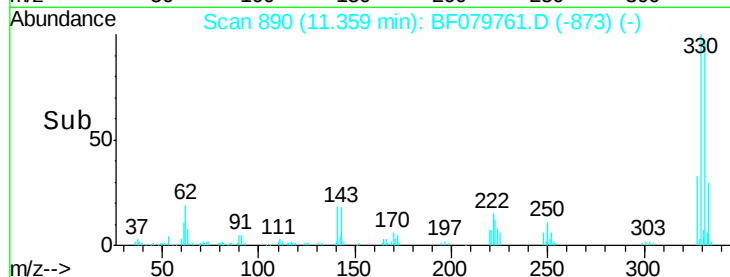
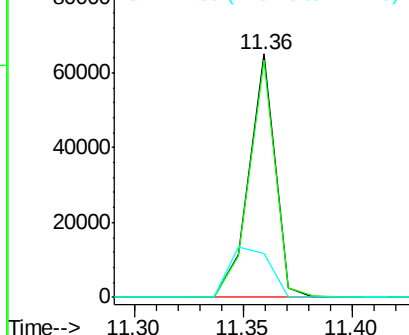
#41
 2,4,6-Tribromophenol
 Concen: 24.45 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079761.D
 Acq: 6 Jun 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SW-026

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	32.0	30.2	45.2

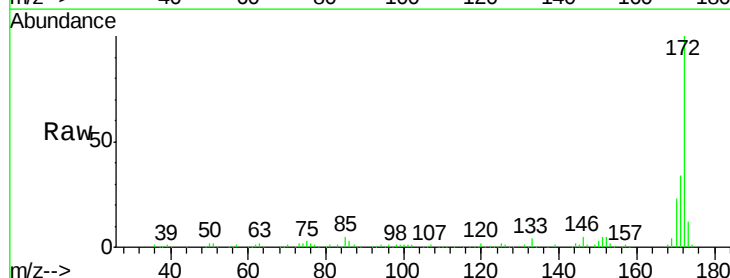


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

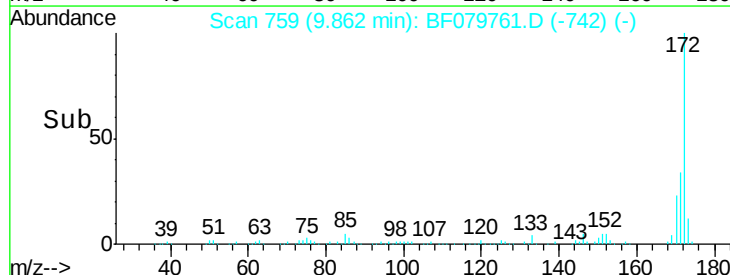
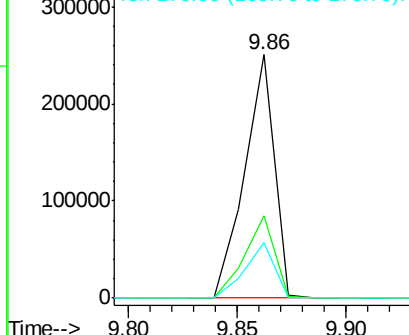


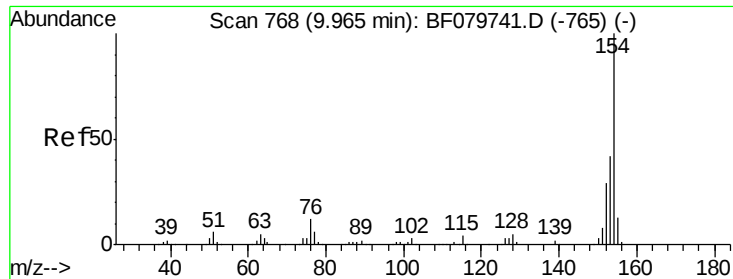
#44
 2-Fluorobiphenyl
 Concen: 13.81 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079761.D
 Acq: 6 Jun 2015 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.4	44.0
170	22.6	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: 0.03 ng

RT: 9.86 min Scan# 759

Delta R.T. -0.10 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

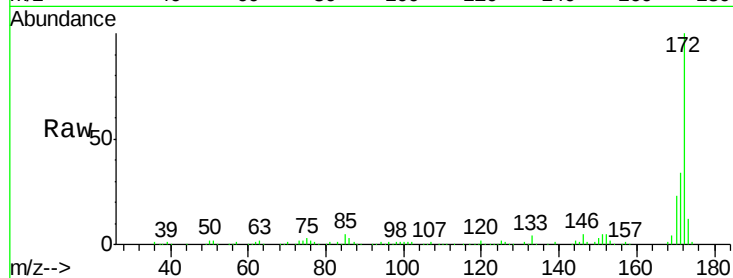
Tot Ion:154 Resp: 311

Ion Ratio Lower Upper

154 100

153 900.2 19.9 59.9#

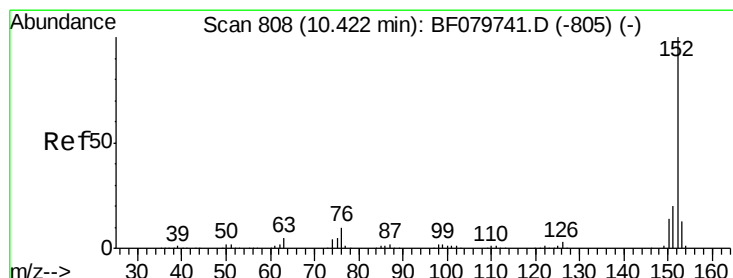
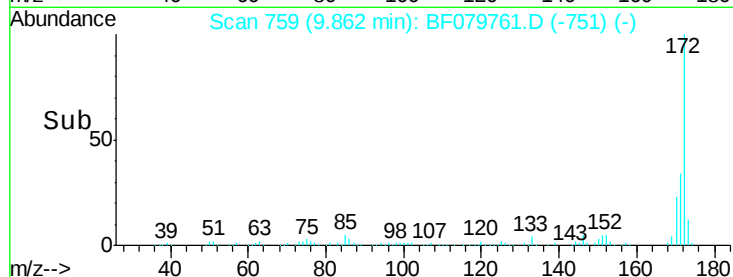
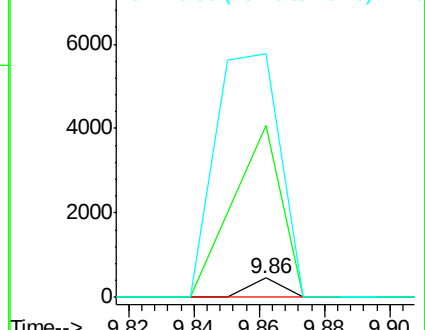
76 1273.5 0.0 28.2#



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: 0.18 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

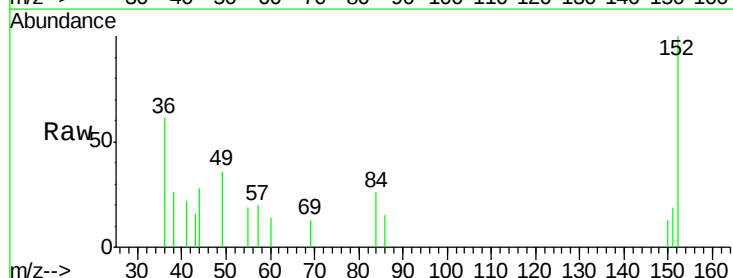
Tgt Ion:152 Resp: 2385

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.4

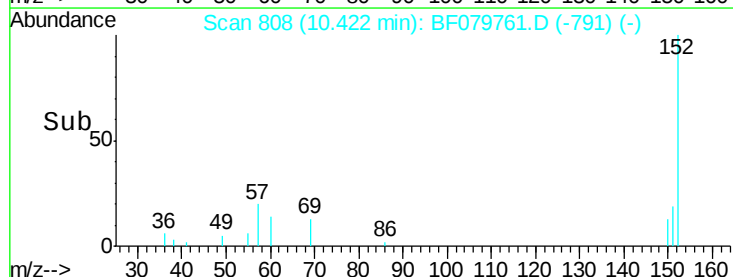
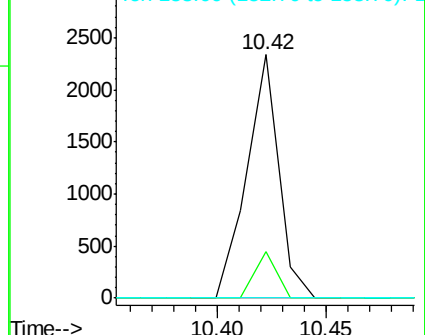
153 0.0 10.4 15.6#

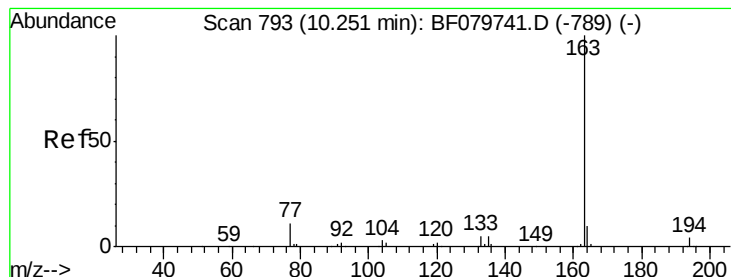


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 5.30 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

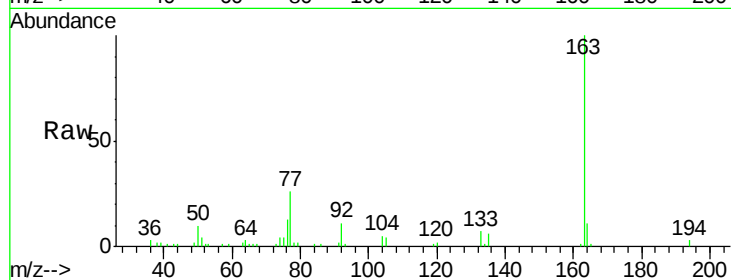
Tot Ion:163 Resp: 47240

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

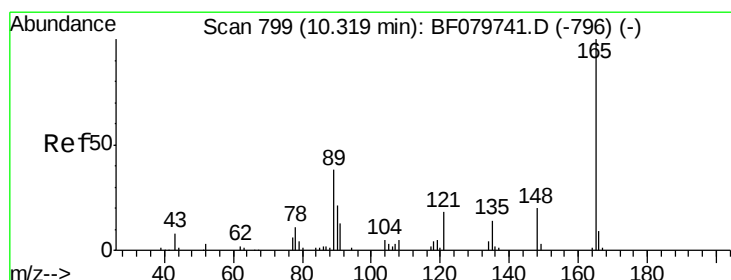
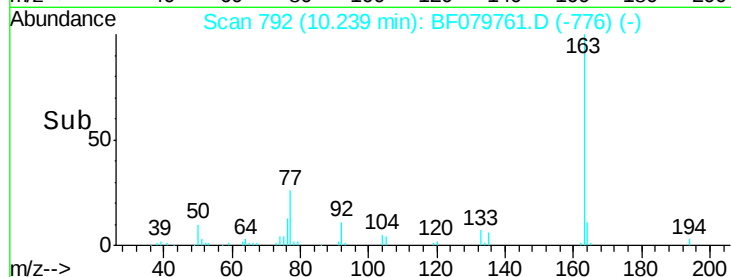
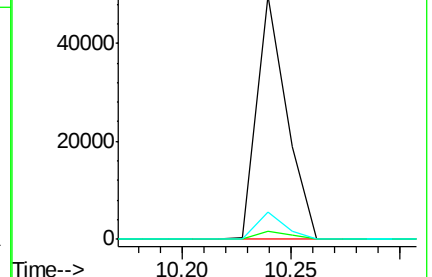
164 11.3 8.5 12.7



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: 1.38 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.08 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

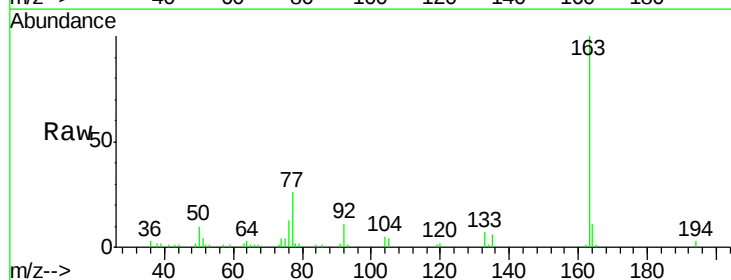
Tgt Ion:165 Resp: 427

Ion Ratio Lower Upper

165 100

63 154.4 45.2 67.8#

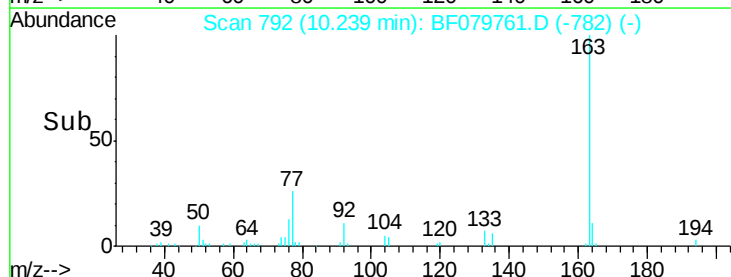
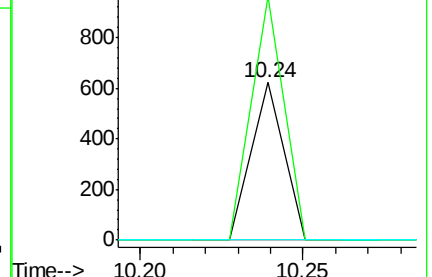
89 0.0 45.9 68.9#

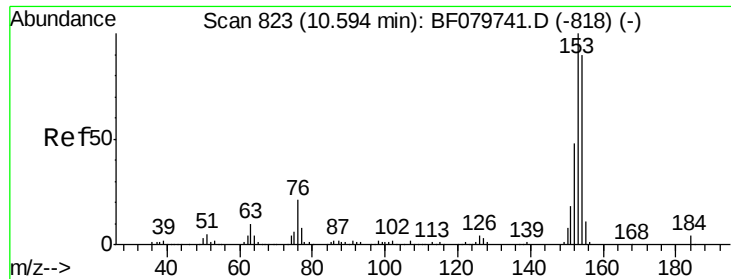


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.03 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

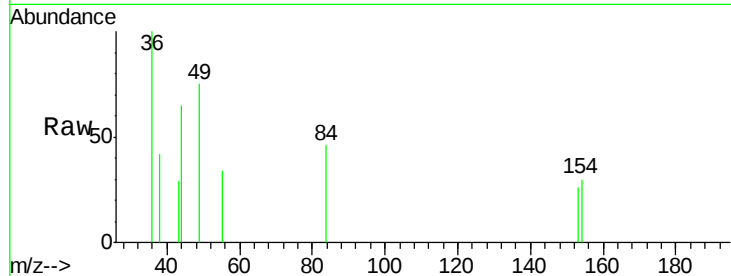
Tot Ion:154 Resp: 239

Ion Ratio Lower Upper

154 100

153 88.2 90.1 135.1#

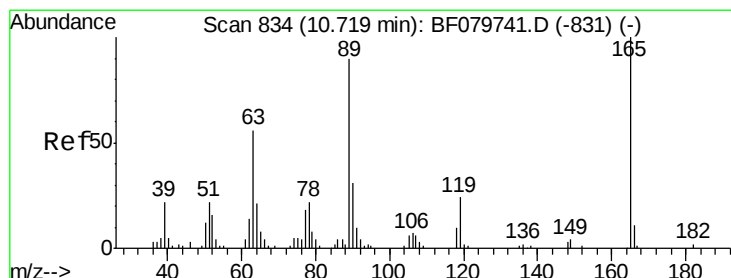
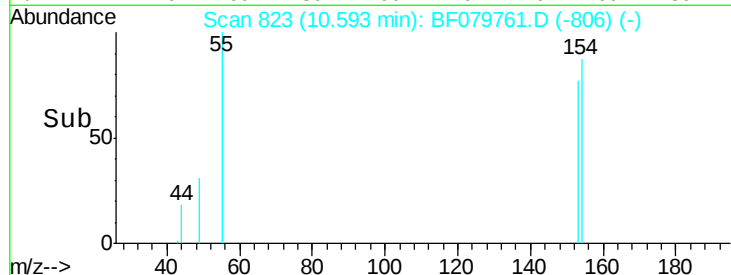
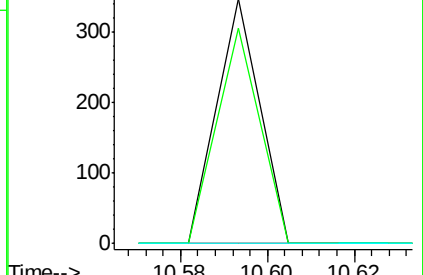
152 0.0 43.4 65.0#



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



#56

2,4-Dinitrotoluene

Concen: 11.14 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.16 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Tgt Ion:165 Resp: 14309

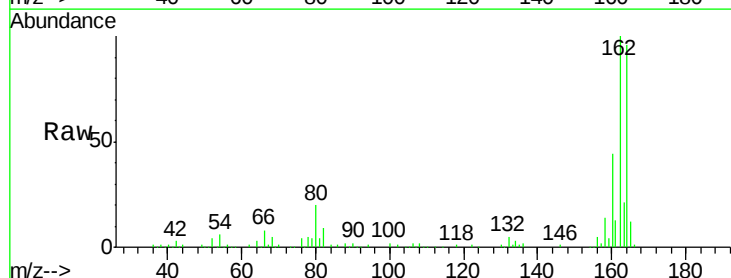
Ion Ratio Lower Upper

165 100

63 0.0 24.7 37.1#

89 1.6 45.7 68.5#

182 0.0 1.8 2.8#

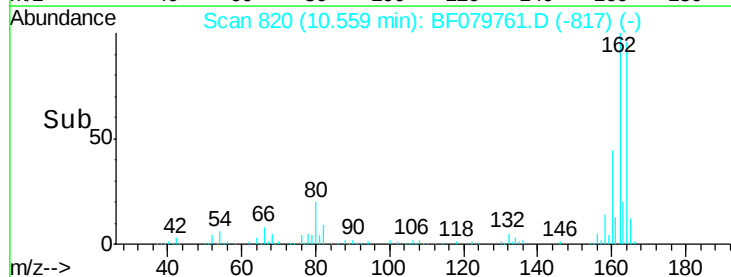
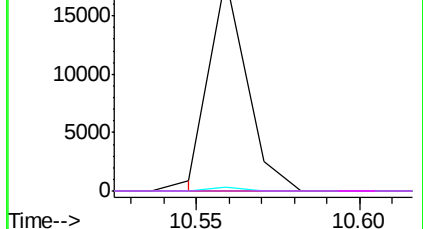


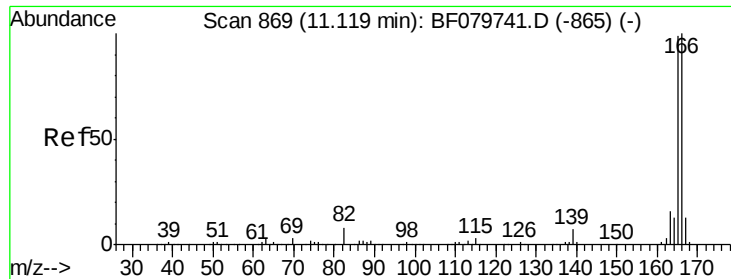
Abundance Ion 165.00 (164.70 to 165.70): E

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

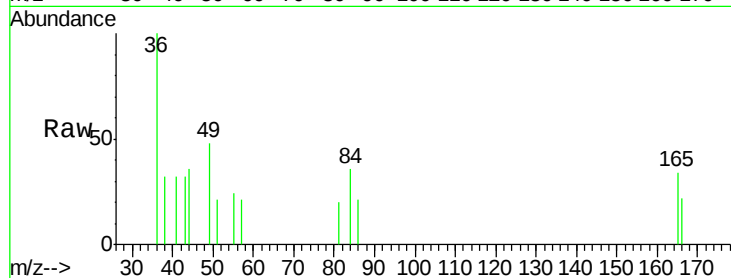




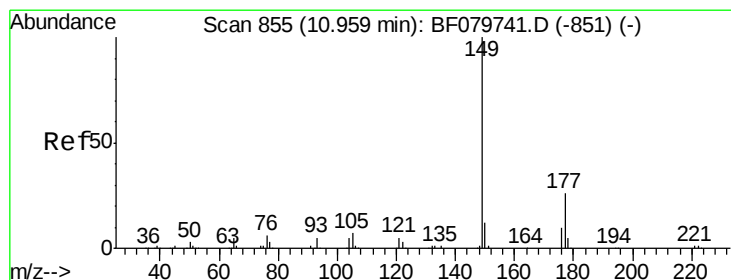
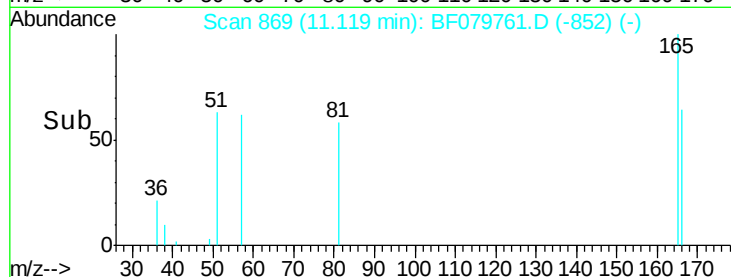
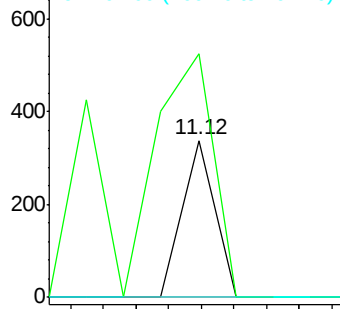
#57
Fluorene
 Concen: 0.02 ng
 RT: 11.12 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF079761.D
 Acq: 6 Jun 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SW-026

Tot Ion:166 Resp: 232
 Ion Ratio Lower Upper
 166 100
 165 155.3 79.4 119.0#
 167 0.0 11.0 16.4#

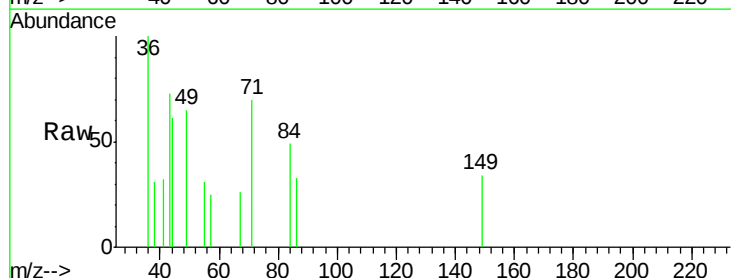


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

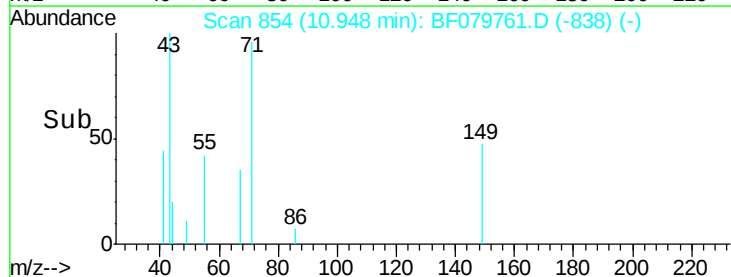
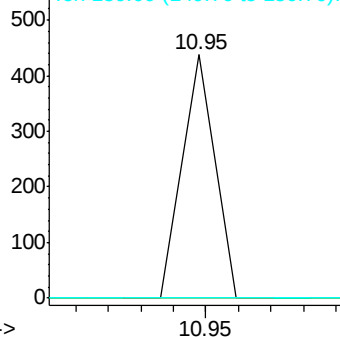


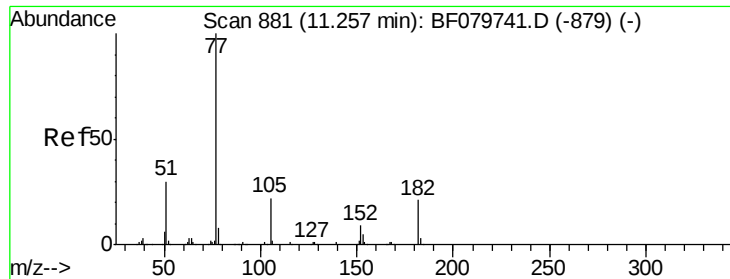
#59
Diethylphthalate
 Concen: 0.03 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF079761.D
 Acq: 6 Jun 2015 7:53

Tgt Ion:149 Resp: 300
 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: 0.02 ng

RT: 11.35 min Scan# 889

Delta R.T. 0.09 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

Tot Ion: 77 Resp: 208

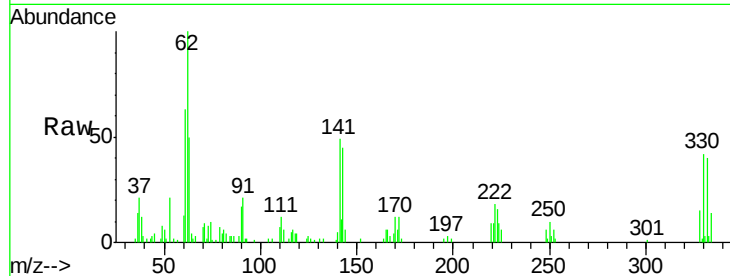
Ion Ratio Lower Upper

77 100

182 0.0 0.0 35.2

105 0.0 0.0 39.5

51 204.9 12.4 52.4#

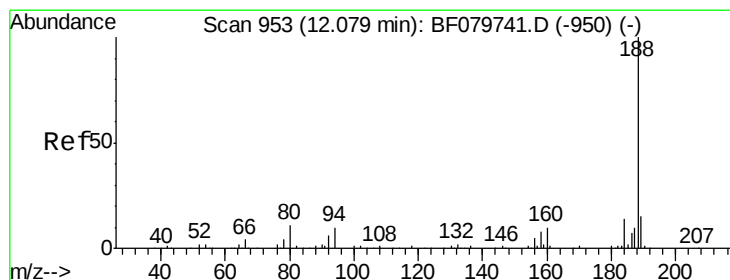
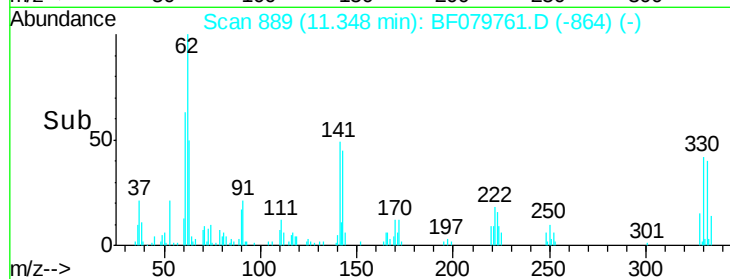
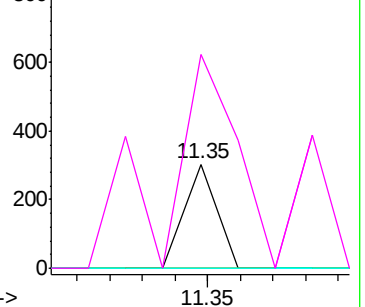


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.08 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

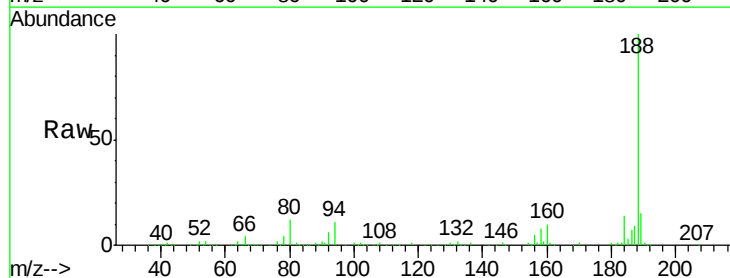
Tgt Ion: 188 Resp: 241981

Ion Ratio Lower Upper

188 100

94 10.8 5.0 7.4#

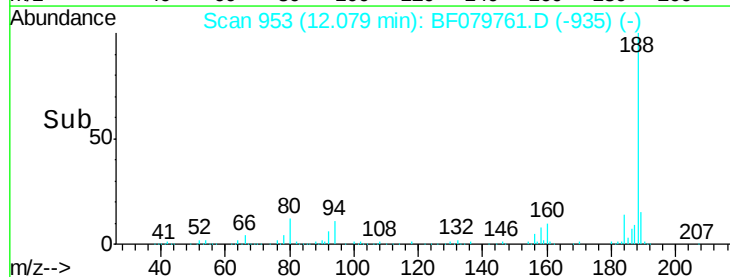
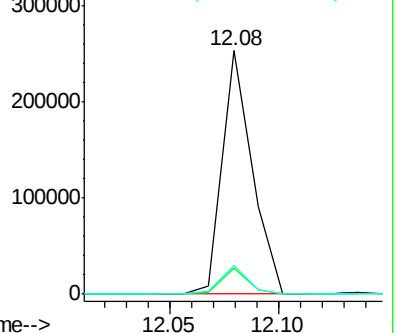
80 11.8 5.3 7.9#

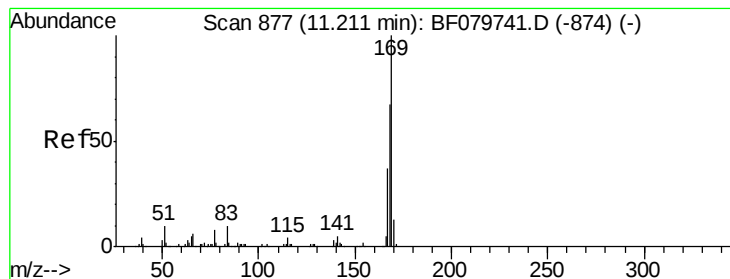


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 0.22 ng

RT: 11.36 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

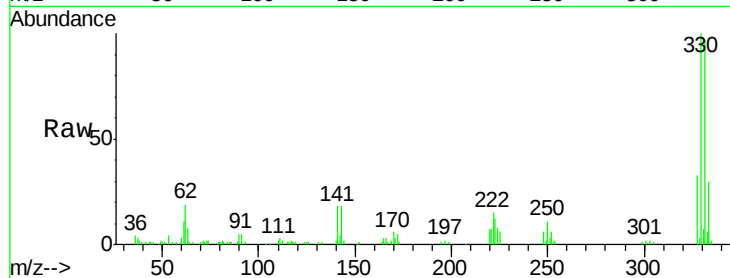
Tot Ion:169 Resp: 1805

Ion Ratio Lower Upper

169 100

168 0.0 54.8 82.2#

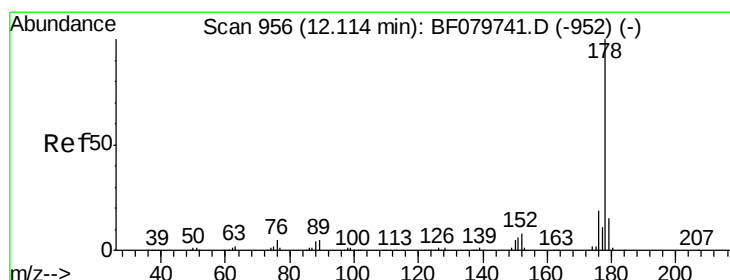
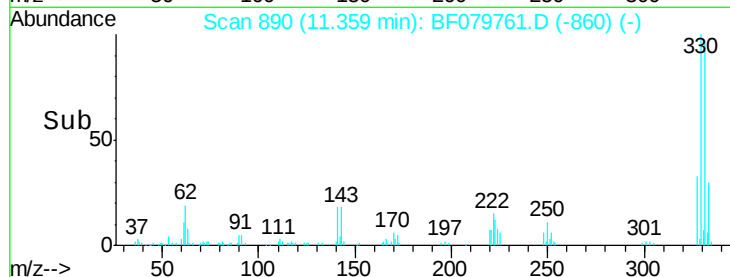
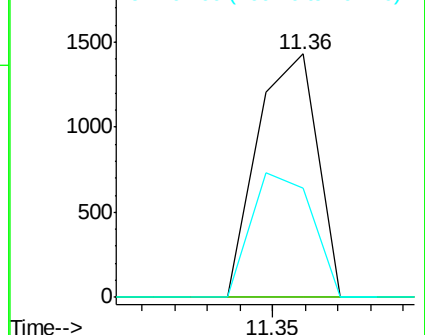
167 44.8 29.7 44.5#



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: 0.09 ng

RT: 12.10 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

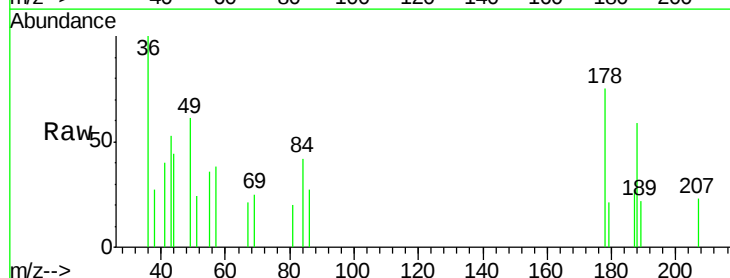
Tgt Ion:178 Resp: 1329

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

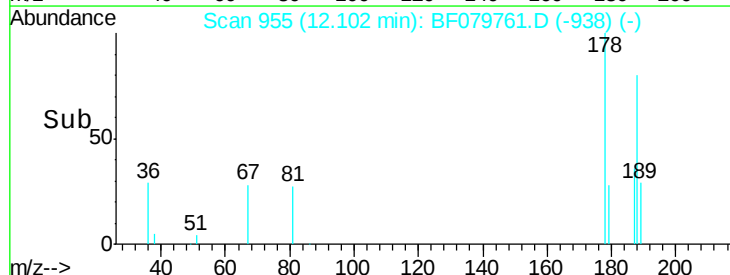
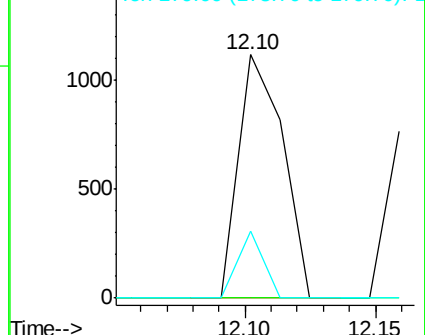
179 27.6 12.6 19.0#

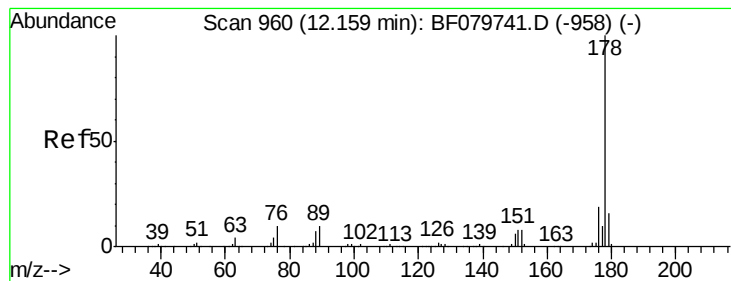


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.08 ng

RT: 12.16 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

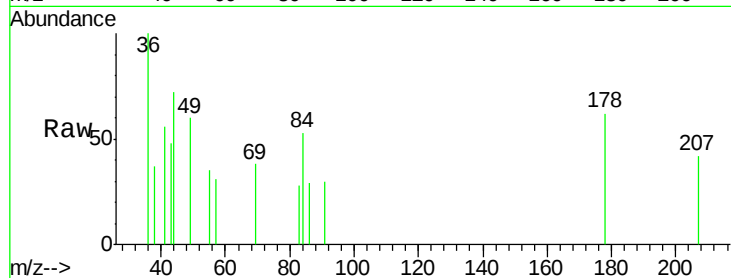
Tot Ion:178 Resp: 1048

Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

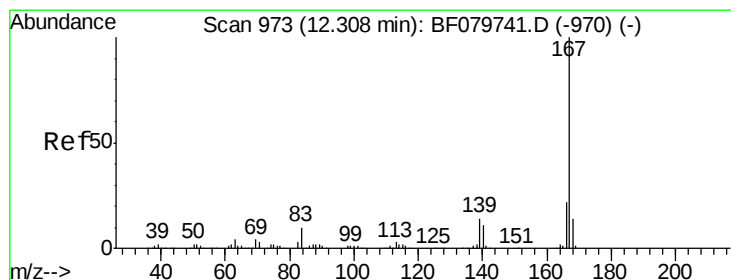
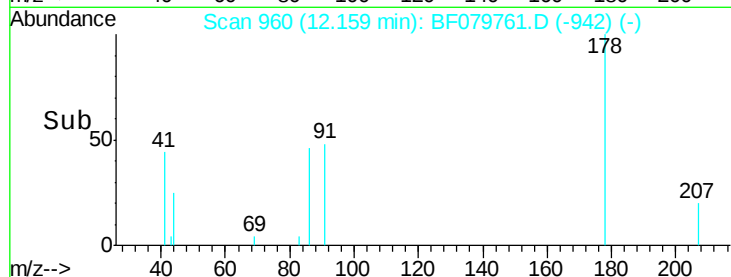
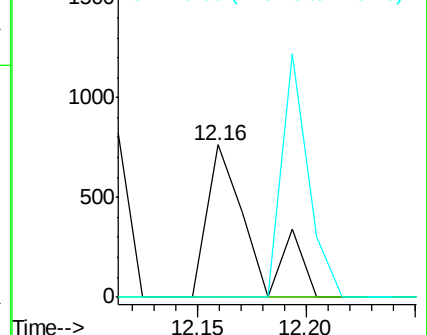
179 0.0 12.2 18.2#



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: 0.05 ng

RT: 12.31 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

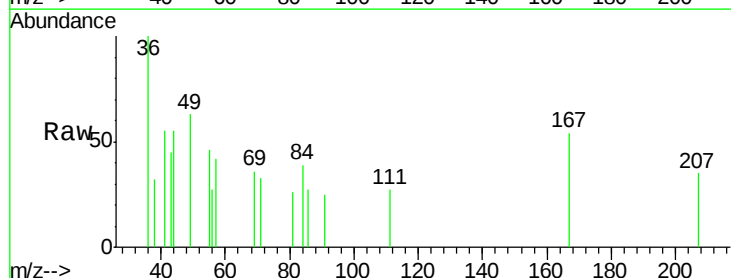
Tgt Ion:167 Resp: 721

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

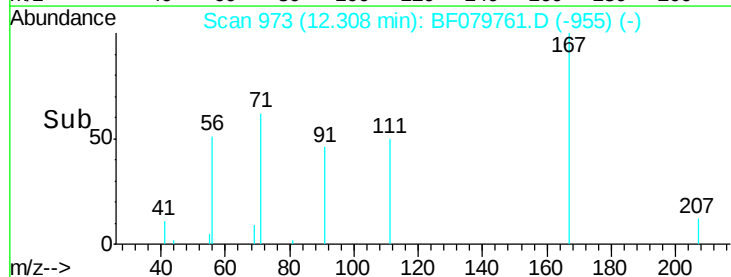
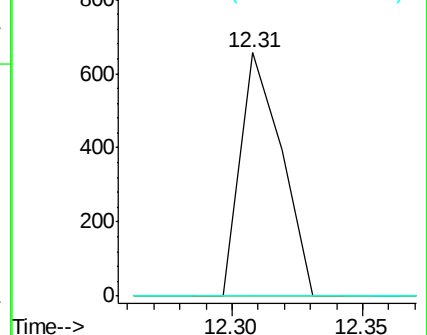
139 0.0 9.3 13.9#

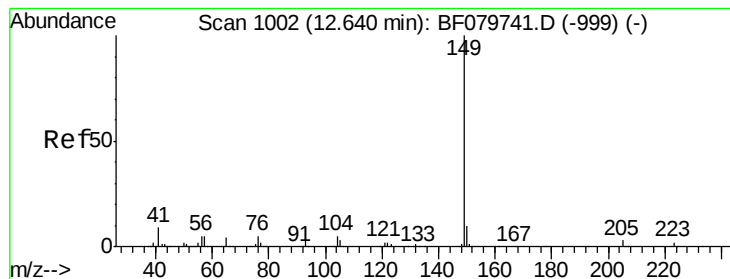


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.05 ng

RT: 12.64 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

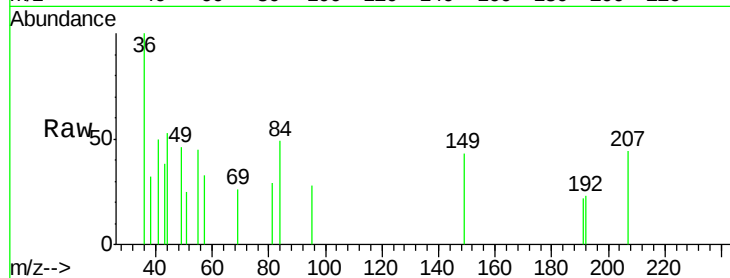
Tot Ion:149 Resp: 707

Ion Ratio Lower Upper

149 100

150 0.0 9.8 14.8#

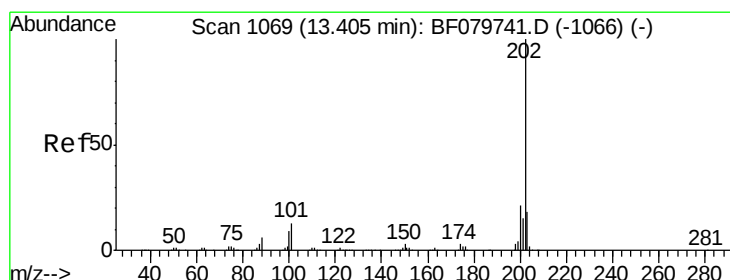
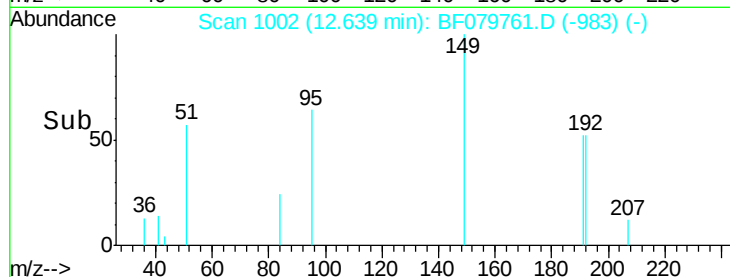
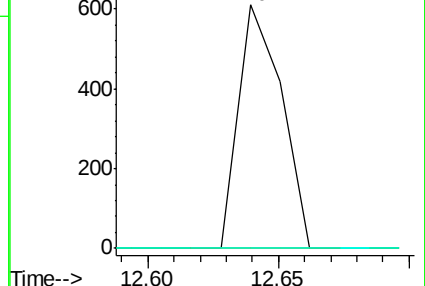
104 0.0 12.9 19.3#



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: 0.19 ng

RT: 13.41 min Scan# 1069

Delta R.T. 0.05 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

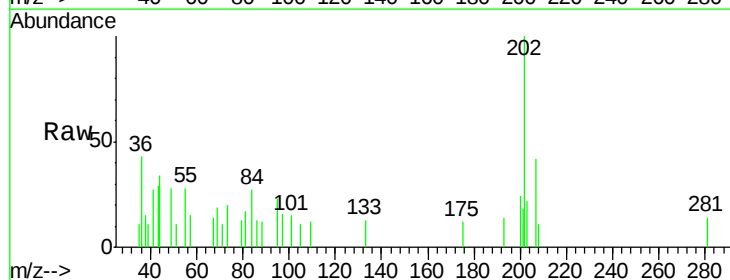
Tgt Ion:202 Resp: 2920

Ion Ratio Lower Upper

202 100

101 15.5 0.0 31.3

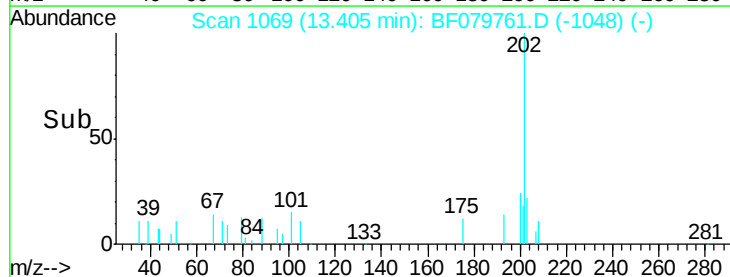
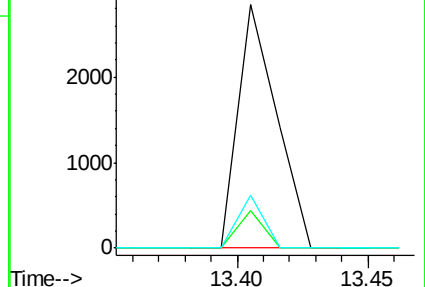
203 21.7 0.0 38.4

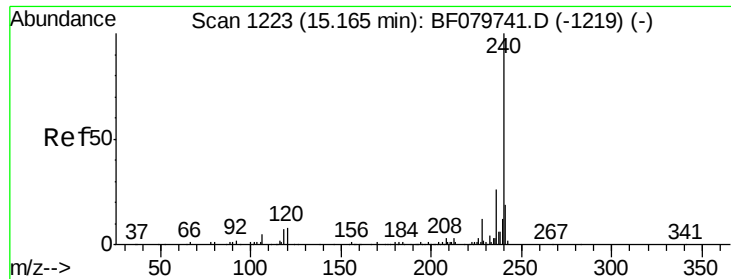


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

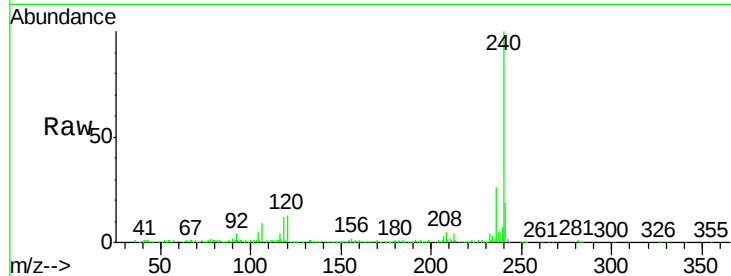




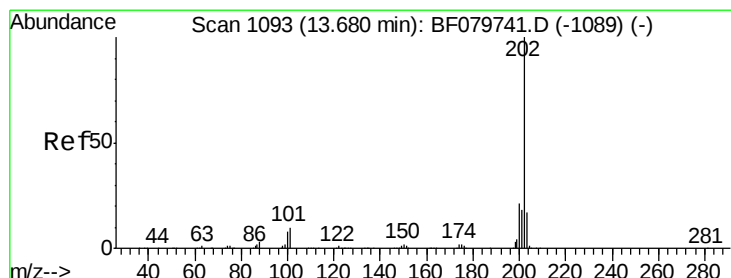
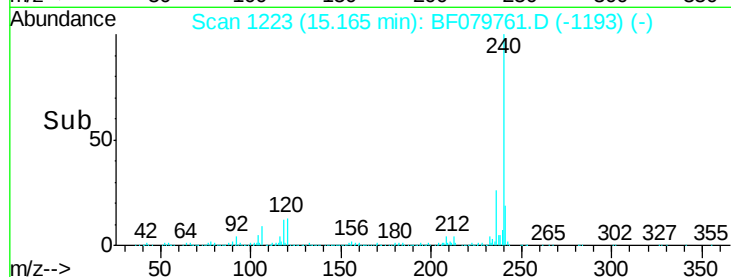
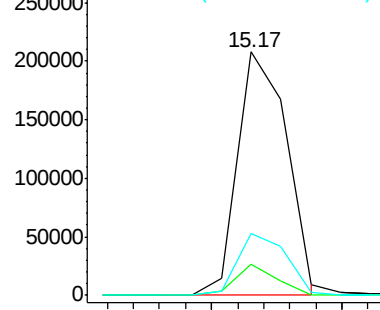
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1223
Delta R.T. 0.15 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SW-026

Tot Ion:240 Resp: 274053
Ion Ratio Lower Upper
240 100
120 12.9 6.2 9.2#
236 25.6 21.0 31.4

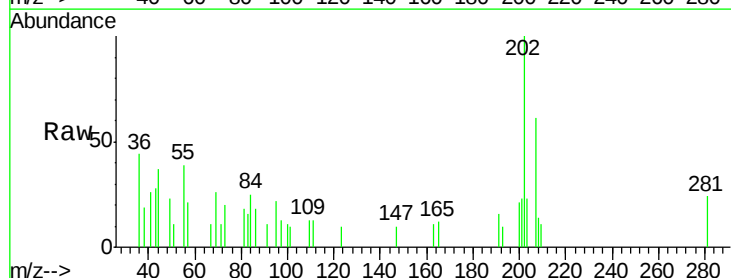


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

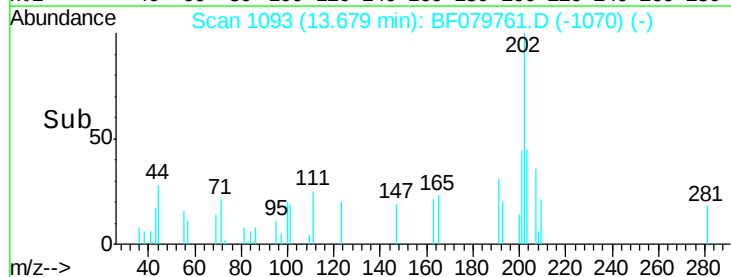
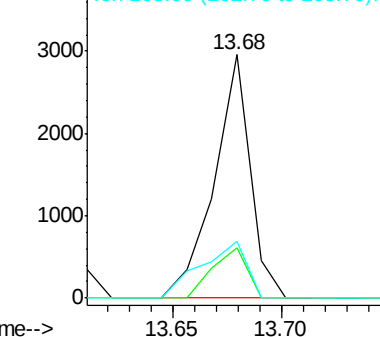


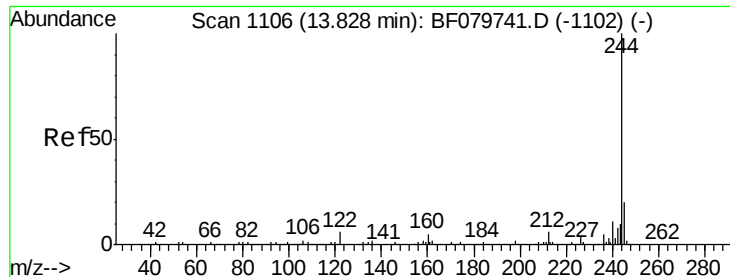
#77
Pyrene
Concen: 0.20 ng
RT: 13.68 min Scan# 1093
Delta R.T. 0.07 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Tgt Ion:202 Resp: 3402
Ion Ratio Lower Upper
202 100
200 20.6 17.5 26.3
203 23.4 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: 13.61 ng

RT: 13.83 min Scan# 1106

Delta R.T. 0.08 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

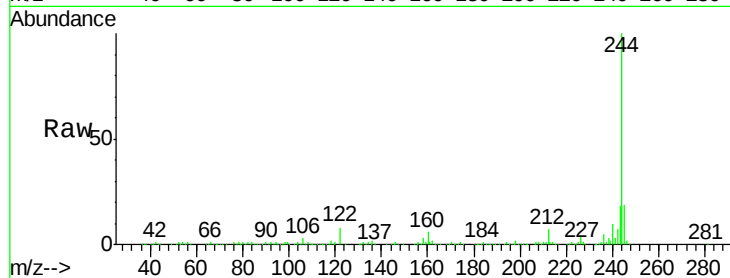
Tot Ion:244 Resp: 325803

Ion Ratio Lower Upper

244 100

212 6.5 6.1 9.1

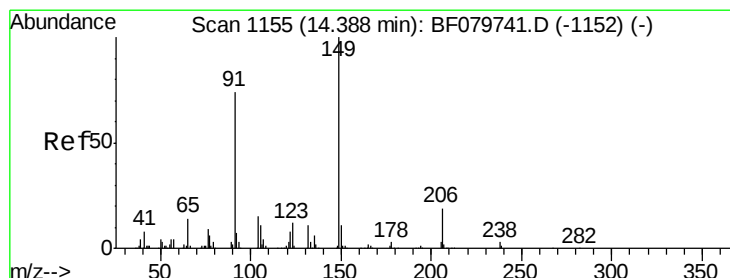
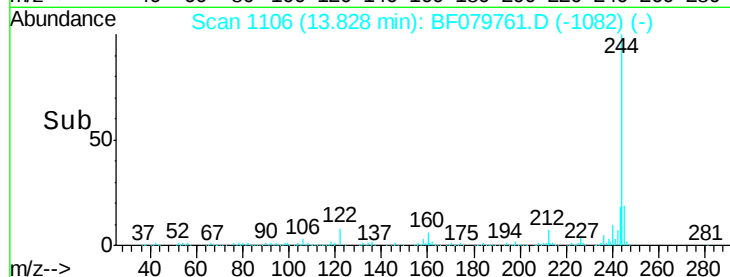
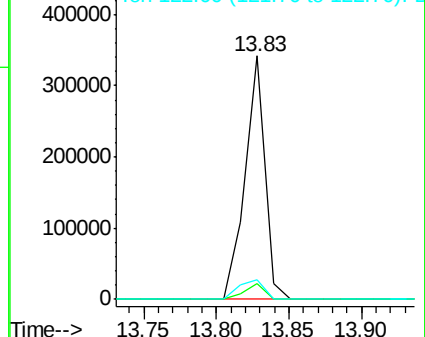
122 8.1 9.3 13.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.27 ng

RT: 14.40 min Scan# 1156

Delta R.T. 0.11 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

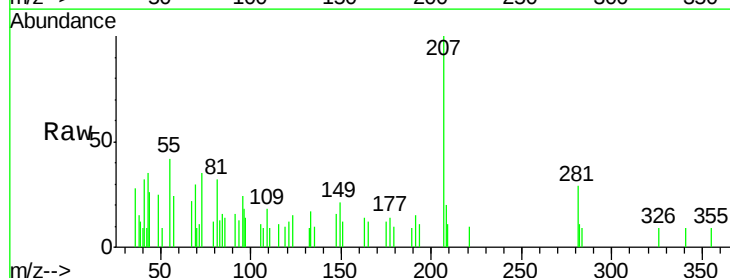
Tgt Ion:149 Resp: 1817

Ion Ratio Lower Upper

149 100

91 76.0 64.4 96.6

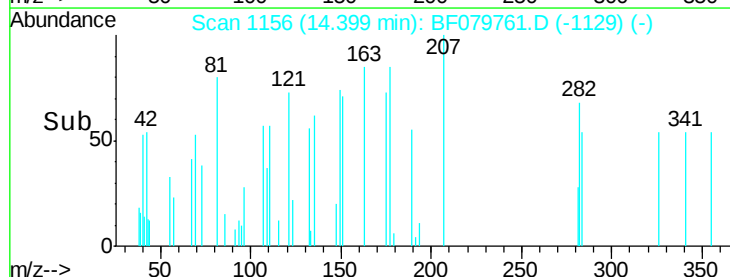
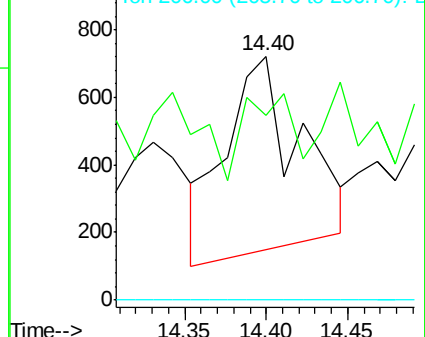
206 0.0 14.8 22.2#

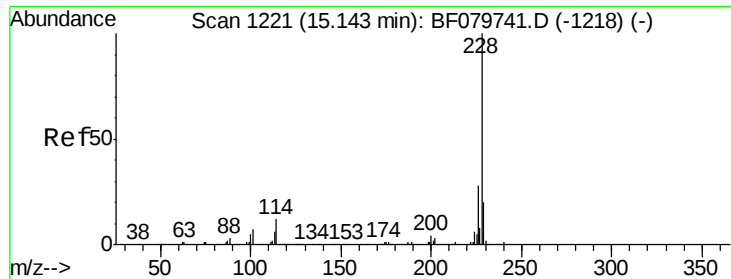


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

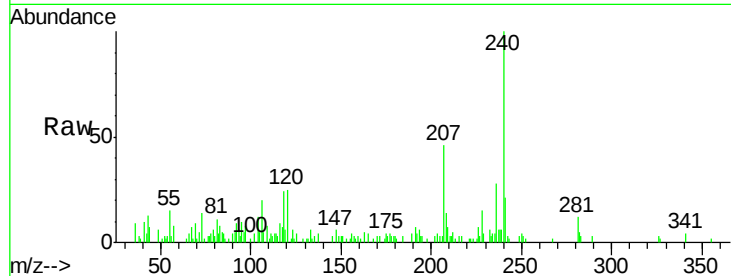




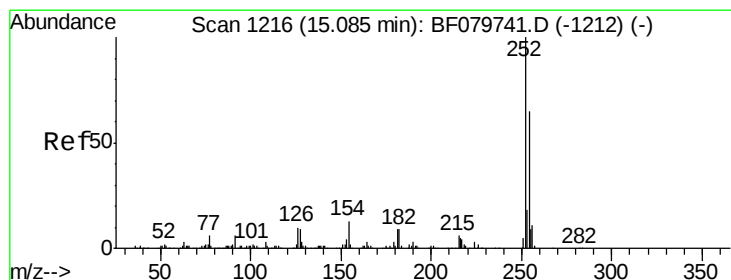
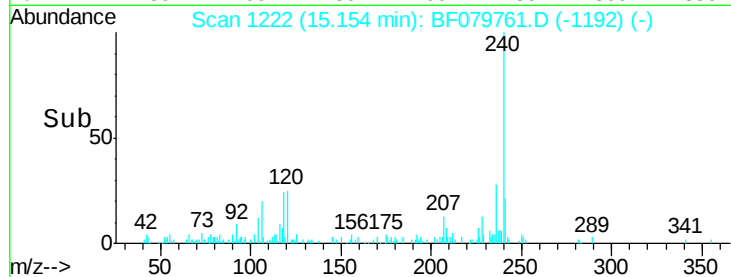
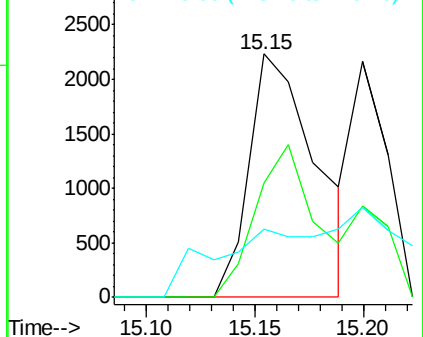
#80
Benzo(a)anthracene
Concen: 0.28 ng
RT: 15.15 min Scan# 1222
Delta R.T. 0.15 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SW-026

Tot Ion:228 Resp: 4780
Ion Ratio Lower Upper
228 100
226 47.1 22.2 33.4#
229 28.0 16.6 25.0#

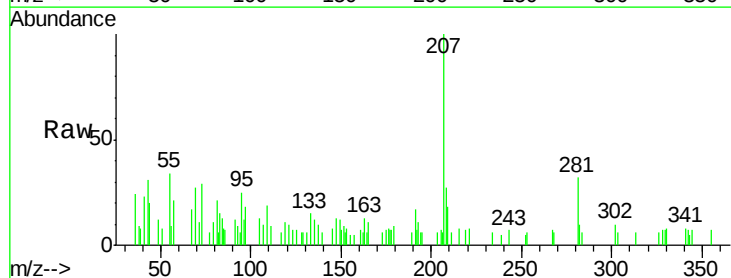


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

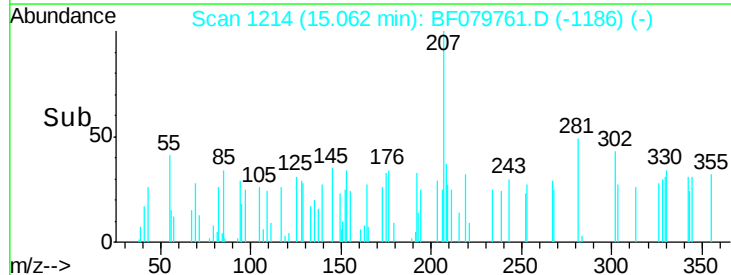
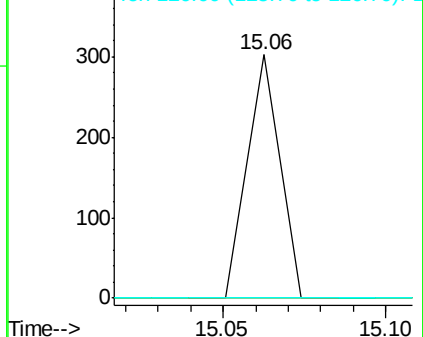


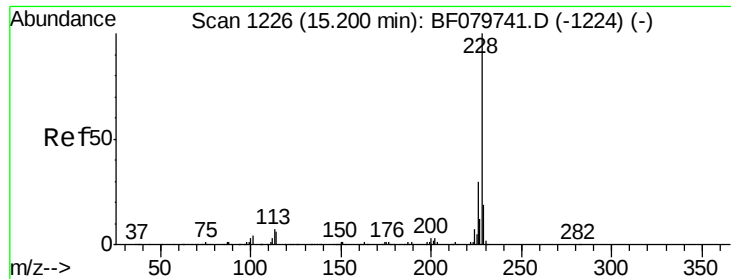
#81
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 15.06 min Scan# 1214
Delta R.T. 0.13 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Tgt Ion:252 Resp: 208
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 0.0 6.9 10.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

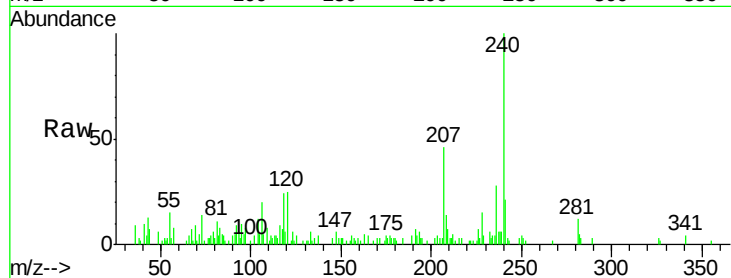




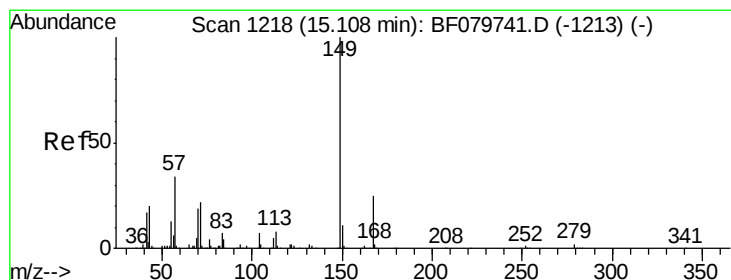
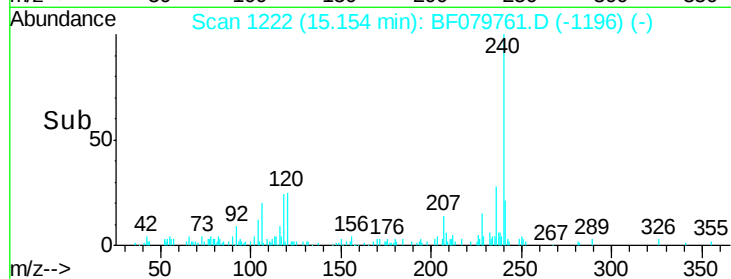
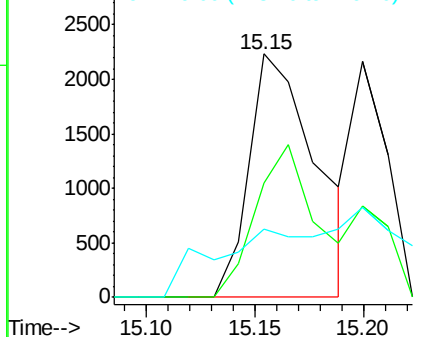
#82
 Chrysene
 Concen: 0.31 ng
 RT: 15.15 min Scan# 1222
 Delta R.T. 0.10 min
 Lab File: BF079761.D
 Acq: 6 Jun 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 SW-026

Tot Ion:228 Resp: 4780
 Ion Ratio Lower Upper
 228 100
 226 47.1 25.2 37.8#
 229 28.0 16.2 24.4#

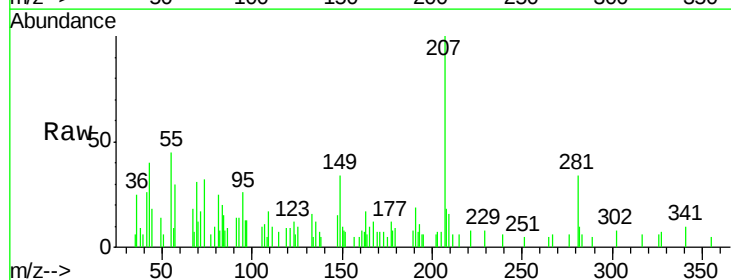


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

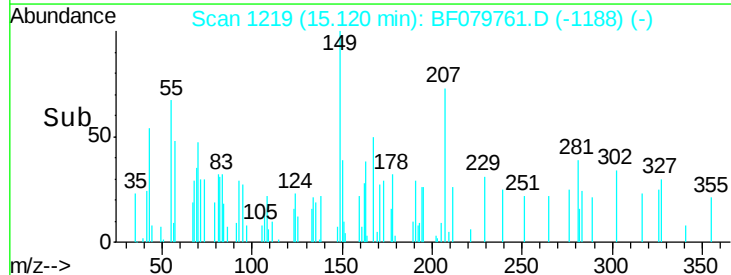
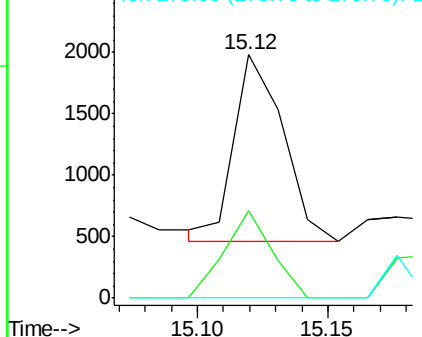


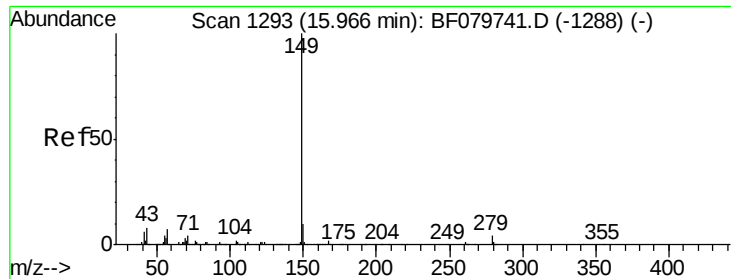
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 15.12 min Scan# 1219
 Delta R.T. 0.16 min
 Lab File: BF079761.D
 Acq: 6 Jun 2015 7:53

Tgt Ion:149 Resp: 2009
 Ion Ratio Lower Upper
 149 100
 167 36.1 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: 0.03 ng

RT: 15.89 min Scan# 1286

Delta R.T. 0.14 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

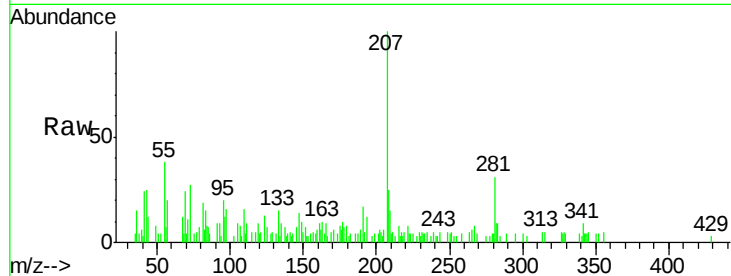
Tot Ion:149 Resp: 538

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

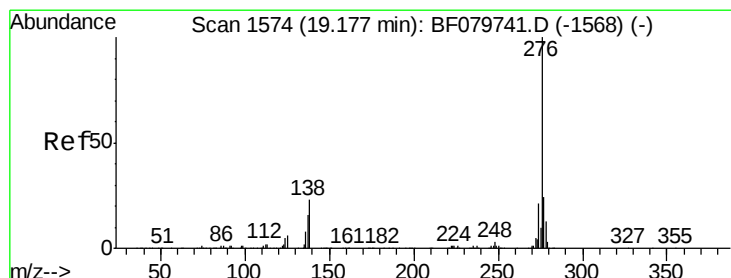
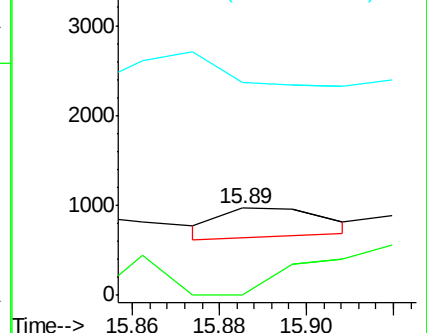
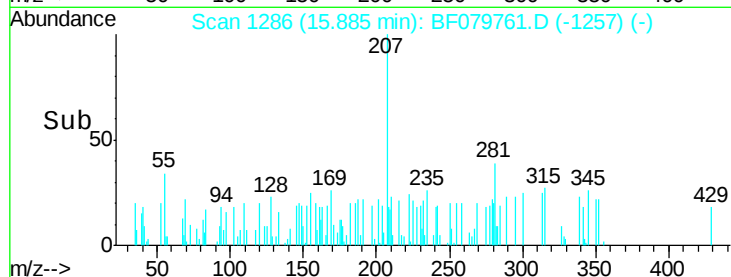
43 228.4 9.0 13.4#



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: 0.01 ng

RT: 19.13 min Scan# 1570

Delta R.T. 0.18 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

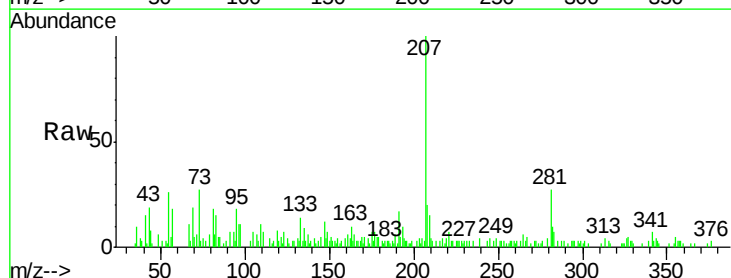
Tgt Ion:276 Resp: 221

Ion Ratio Lower Upper

276 100

138 0.0 20.8 31.2#

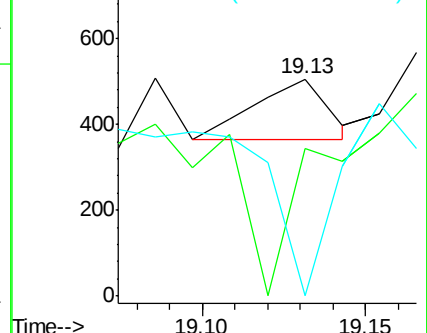
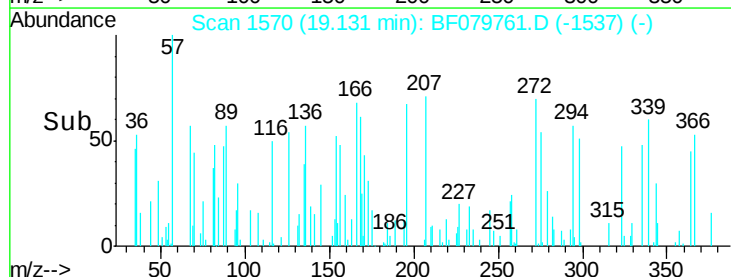
277 0.0 20.0 30.0#

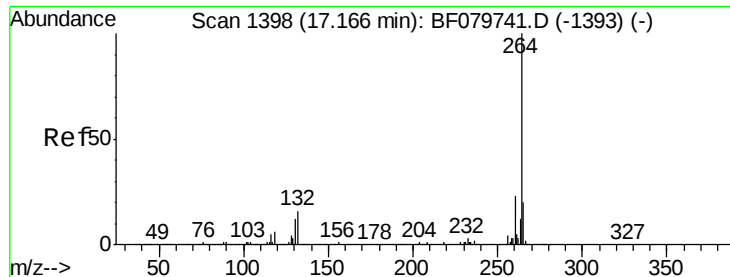


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

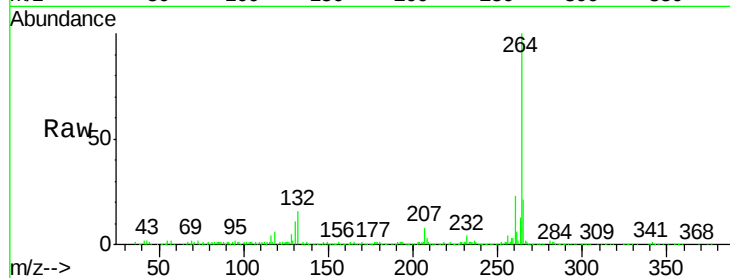




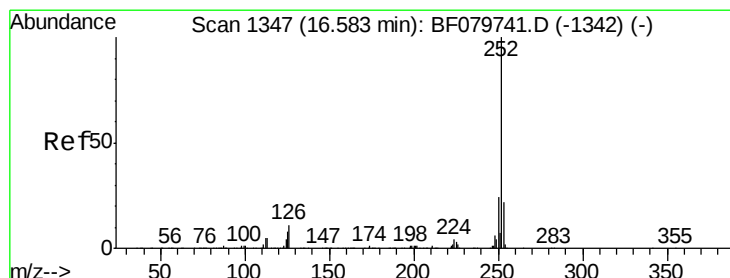
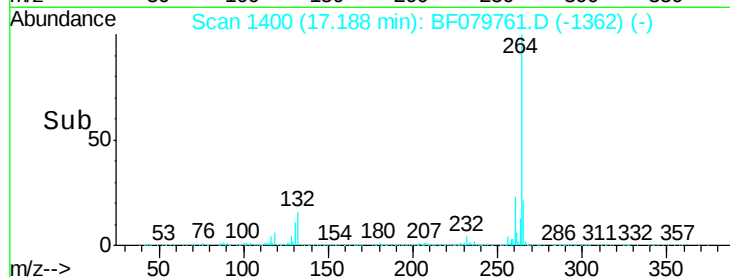
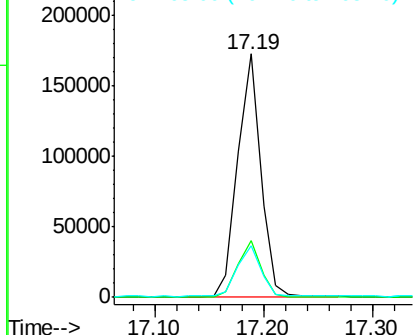
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.19 min Scan# 1400
Delta R.T. 0.24 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Instrument :
BNA_F
ClientSampleId :
SW-026

Tot Ion:264 Resp: 256466
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.2 18.2 27.4

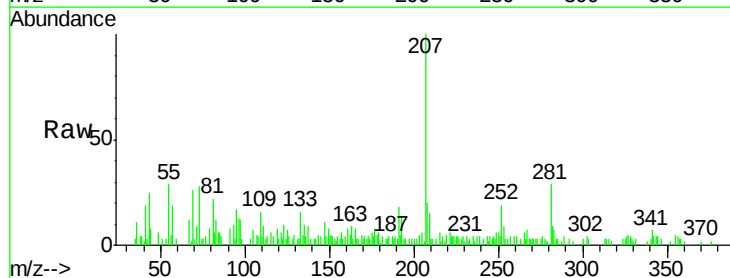


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

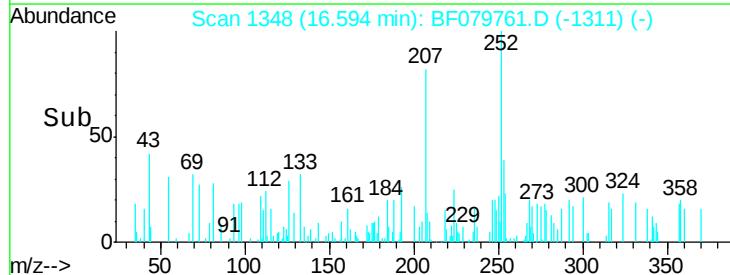
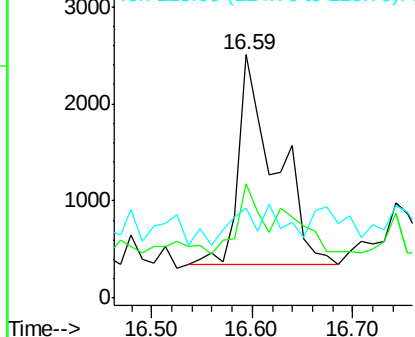


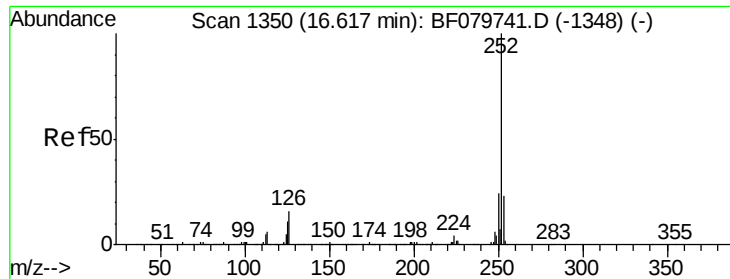
#87
Benzo(b)fluoranthene
Concen: 0.34 ng
RT: 16.59 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Tgt Ion:252 Resp: 5458
Ion Ratio Lower Upper
252 100
253 46.8 17.4 26.2#
125 37.2 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

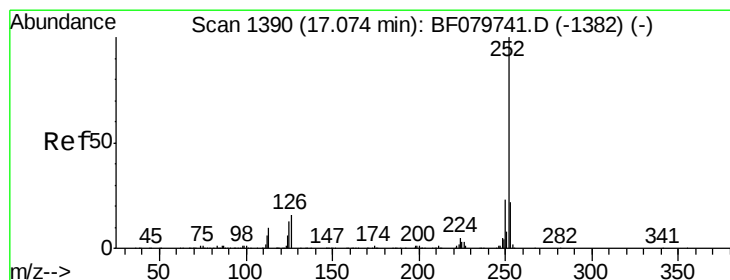
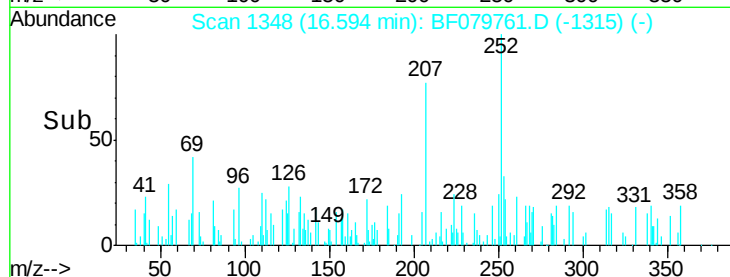
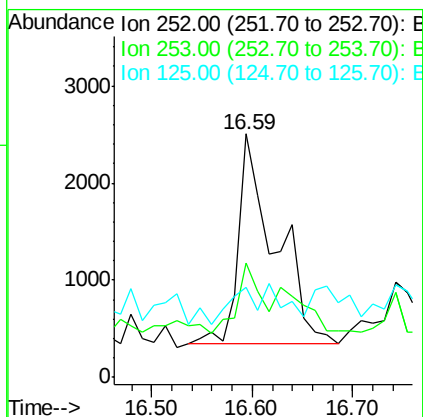
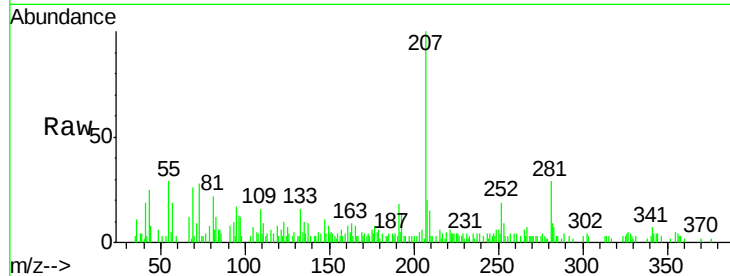




#88
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 16.59 min Scan# 1348
Delta R.T. 0.18 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

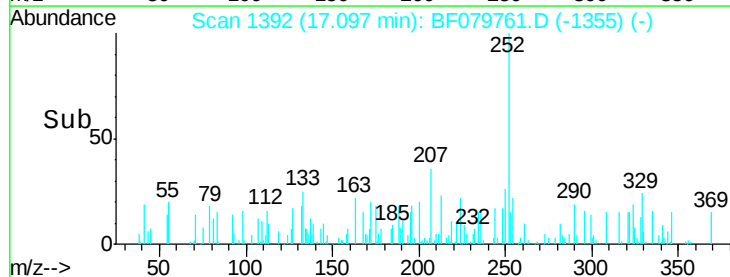
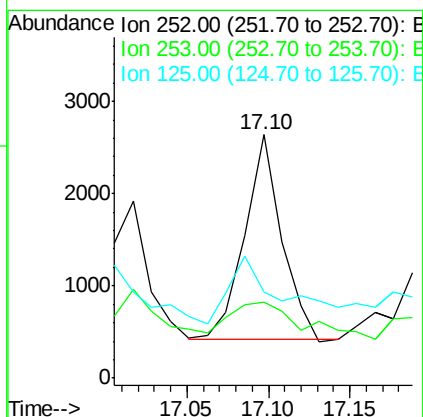
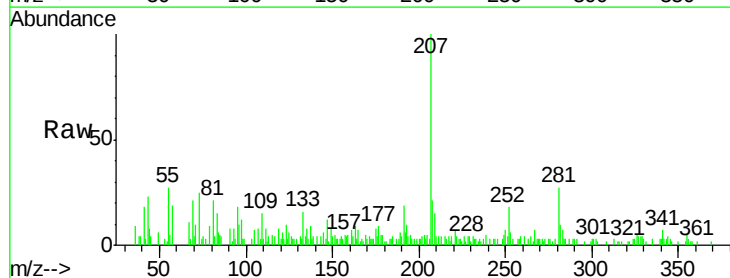
Instrument :
BNA_F
ClientSampleId :
SW-026

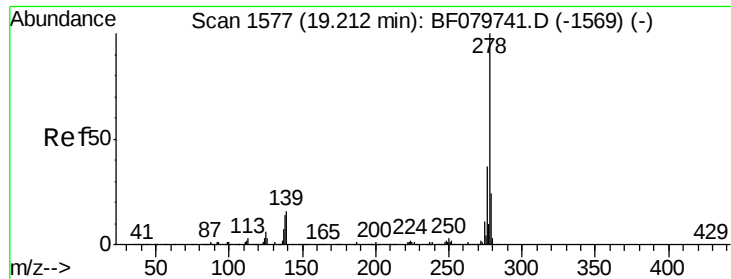
Tot Ion:252 Resp: 5458
Ion Ratio Lower Upper
252 100
253 46.8 17.8 26.8#
125 37.2 8.4 12.6#



#89
Benzo(a)pyrene
Concen: 0.24 ng
RT: 17.10 min Scan# 1392
Delta R.T. 0.23 min
Lab File: BF079761.D
Acq: 6 Jun 2015 7:53

Tgt Ion:252 Resp: 3480
Ion Ratio Lower Upper
252 100
253 31.1 17.6 26.4#
125 35.3 7.4 11.0#





#90

Dibenzo(a,h)anthracene

Concen: 0.28 ng

RT: 19.22 min Scan# 1578

Delta R.T. 0.25 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

Instrument :

BNA_F

ClientSampleId :

SW-026

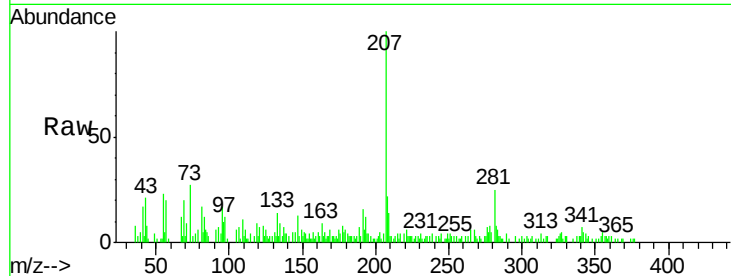
Tot Ion:278 Resp: 4005

Ion Ratio Lower Upper

278 100

139 46.0 12.7 19.1#

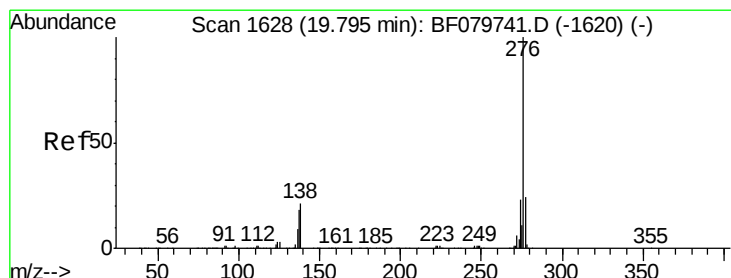
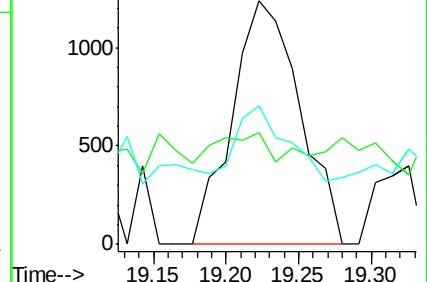
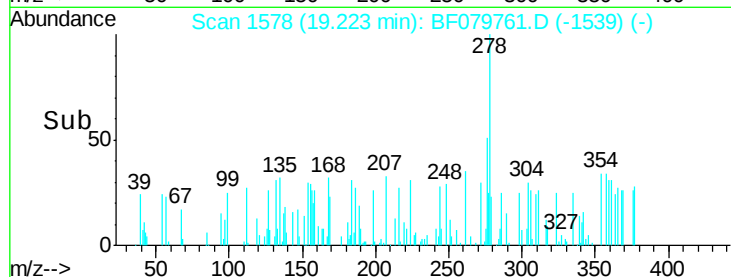
279 57.0 19.4 29.2#



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: 0.35 ng

RT: 19.81 min Scan# 1629

Delta R.T. 0.24 min

Lab File: BF079761.D

Acq: 6 Jun 2015 7:53

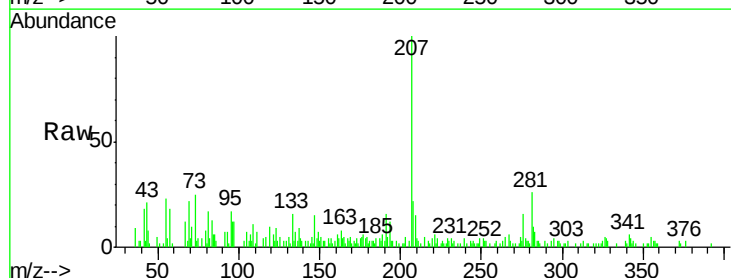
Tgt Ion:276 Resp: 5179

Ion Ratio Lower Upper

276 100

277 26.7 18.8 28.2

138 25.7 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

