

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079760.D
 Acq On : 6 Jun 2015 7:24
 Operator : TP/IZ
 Sample : G2443-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-025

Quant Time: Jun 08 04:50:11 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	54859	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	224076	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	122622	20.00	ng	0.00
63) Phenanthrene-d10	12.08	188	246228	20.00	ng	0.01
75) Chrysene-d12	15.10	240	279211	20.00	ng	0.08
86) Perylene-d12	17.07	264	260458	20.00	ng	0.13

System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	163717	25.01	ng	0.00
7) Phenol-d6	7.08	99	229232	27.11	ng	0.00
23) Nitrobenzene-d5	8.04	82	115605	15.84	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	57182	24.38	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	290039	16.02	ng	0.00
78) Terphenyl-d14	13.78	244	386723	15.86	ng	0.03

Target Compounds						Qvalue
6) Aniline	7.26	93	346	0.06	ng	# 1
9) Benzaldehyde	7.08	77	280	0.10	ng	# 7
10) Phenol	7.10	94	899	0.20	ng	# 90
11) bis(2-Chloroethyl)ether	7.26	93	346	0.10	ng	# 1
15) Benzyl Alcohol	7.64	79	2426	0.69	ng	# 40
22) Acetophenone	7.88	105	206	0.04	ng	# 1
24) Nitrobenzene	8.04	77	356	0.10	ng	# 47
31) Naphthalene	8.81	128	573	0.05	ng	# 68
37) 2-Methylnaphthalene	9.50	142	258	0.03	ng	# 77
45) 1,1'-Biphenyl	9.86	154	387	0.04	ng	# 1
48) Acenaphthylene	10.42	152	9607	0.67	ng	# 97
49) Dimethylphthalate	10.24	163	40811	4.32	ng	# 98
50) 2,6-Dinitrotoluene	10.24	165	440	1.37	ng	# 1
51) Acenaphthene	10.59	154	518	0.06	ng	# 92
54) Dibenzofuran	10.76	168	322	0.03	ng	# 47
56) 2,4-Dinitrotoluene	10.56	165	16002	11.64	ng	# 32
57) Fluorene	11.12	166	1632	0.16	ng	# 87
59) Diethylphthalate	10.95	149	303	0.03	ng	# 58
62) Azobenzene	11.35	77	312	0.03	ng	# 1
65) n-Nitrosodiphenylamine	11.35	169	1838	0.22	ng	# 36
70) Phenanthrene	12.10	178	7731	0.54	ng	# 99
71) Anthracene	12.15	178	5812	0.41	ng	# 98
72) Carbazole	12.30	167	1592	0.12	ng	# 88
73) Di-n-butylphthalate	12.63	149	1031	0.07	ng	# 65
74) Fluoranthene	13.38	202	17404	1.10	ng	# 100
77) Pyrene	13.65	202	18391	1.07	ng	# 98
79) Butylbenzylphthalate	14.35	149	390	0.06	ng	# 85
80) Benzo(a)anthracene	15.13	228	10521	0.62	ng	# 97
81) 3,3'-Dichlorobenzidine	15.03	252	276	0.05	ng	# 13
82) Chrysene	15.13	228	10496	0.66	ng	# 93
83) Bis(2-ethylhexyl)phthalate	15.04	149	20750	1.92	ng	# 99
84) Di-n-octyl phthalate	15.82	149	741	0.04	ng	# 74
85) Indeno(1,2,3-cd)pyrene	19.07	276	11533	0.63	ng	# 91
87) Benzo(b)fluoranthene	16.49	252	21872	1.35	ng	# 81

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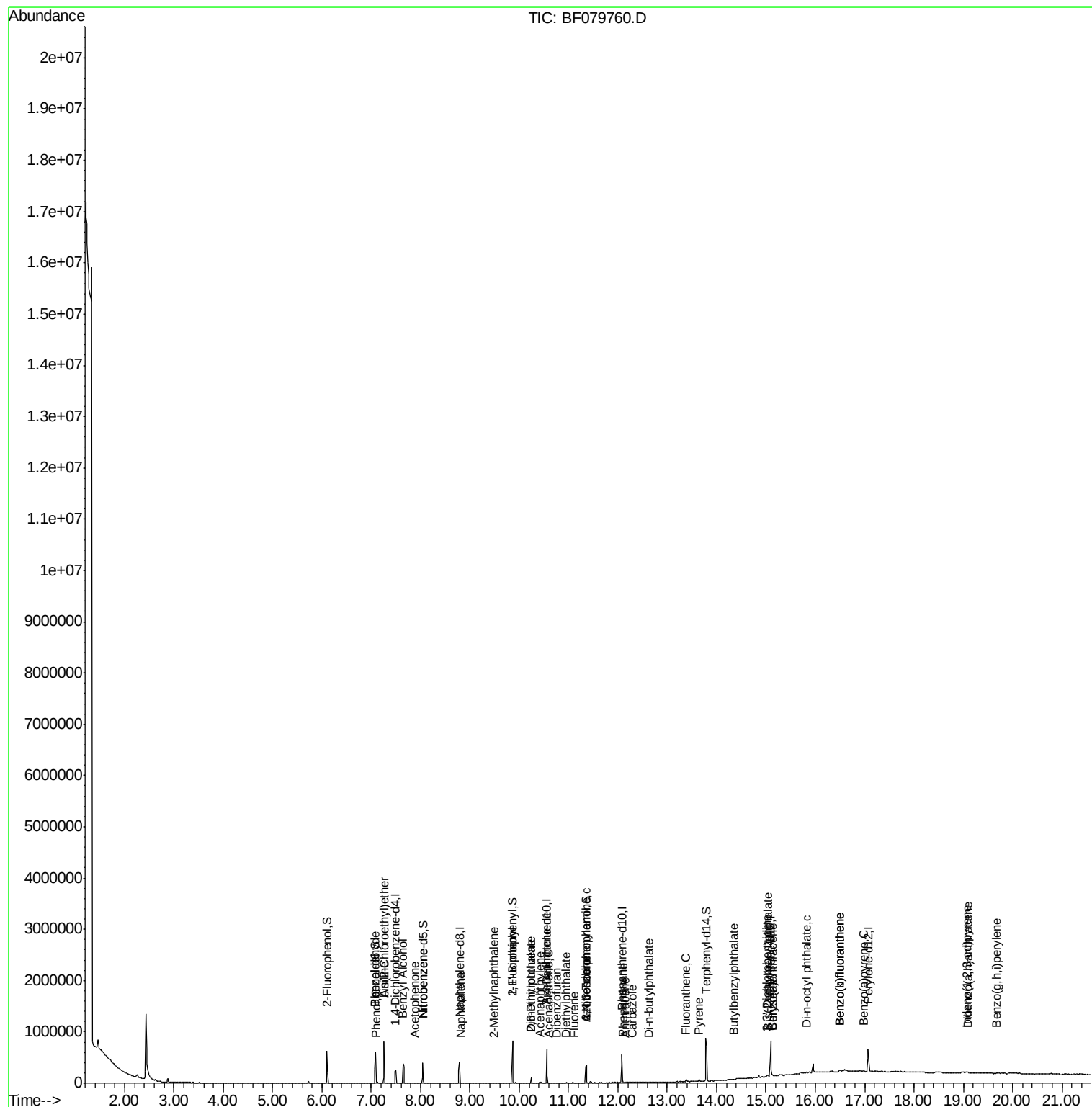
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	16.49	252	21872	1.41	ng	# 83
89) Benzo(a)pyrene	16.98	252	12007	0.80	ng	# 80
90) Dibenzo(a,h)anthracene	19.10	278	7245	0.50	ng	# 52
91) Benzo(g,h,i)perylene	19.68	276	13523	0.91	ng	# 90

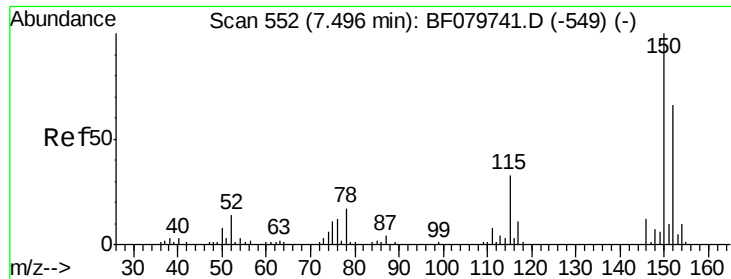
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

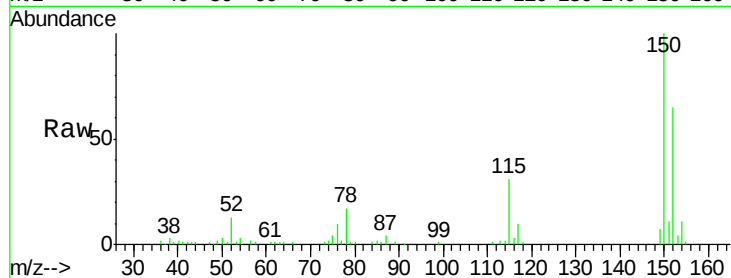
Tot Ion:152 Resp: 54859

Ion Ratio Lower Upper

152 100

150 154.5 128.1 192.1

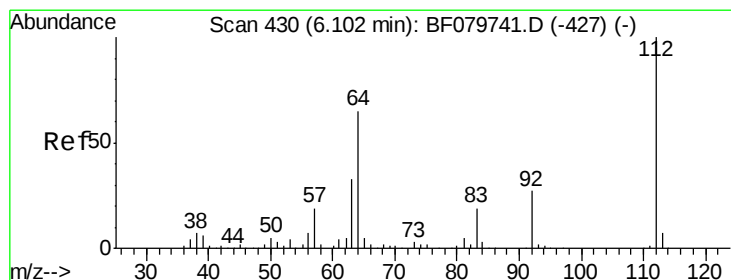
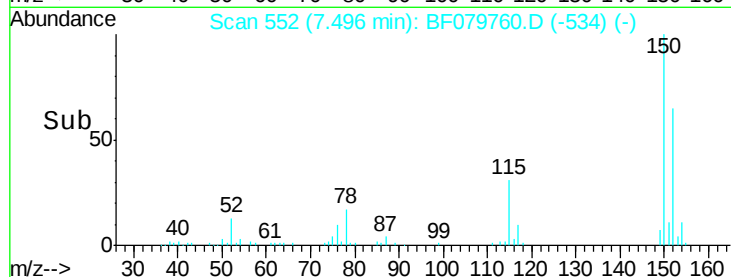
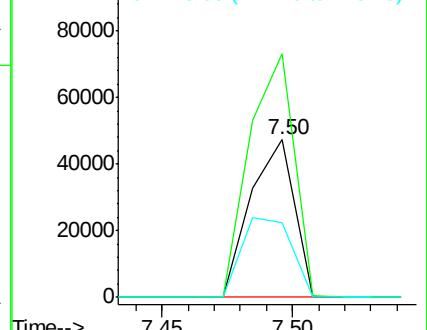
115 47.3 49.7 74.5#



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: 25.01 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

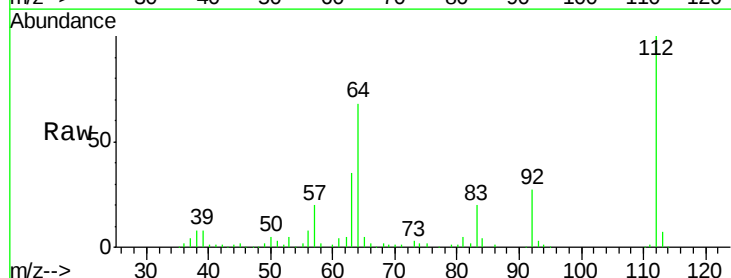
Tgt Ion:112 Resp: 163717

Ion Ratio Lower Upper

112 100

64 68.0 49.6 74.4

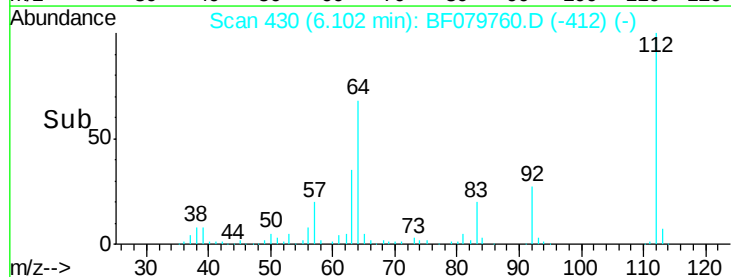
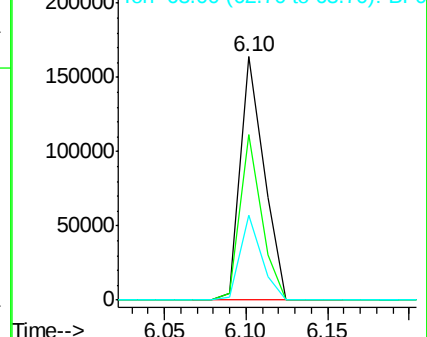
63 34.8 24.9 37.3

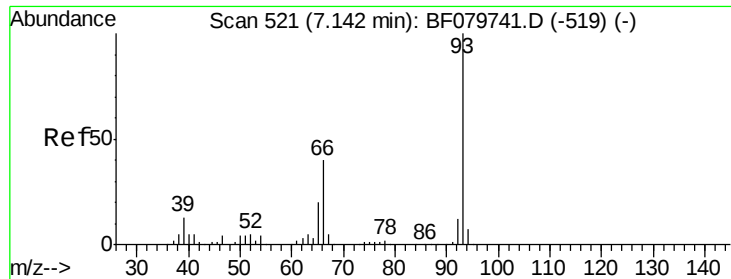


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.06 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.11 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

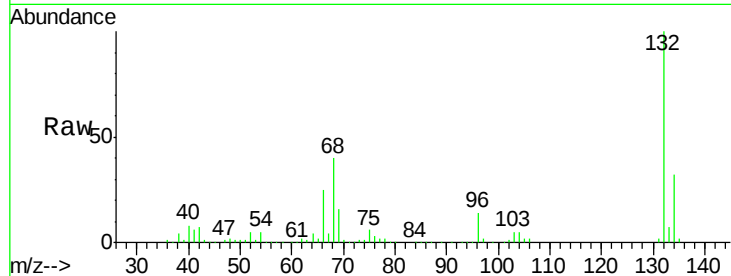
Tot Ion: 93 Resp: 346

Ion Ratio Lower Upper

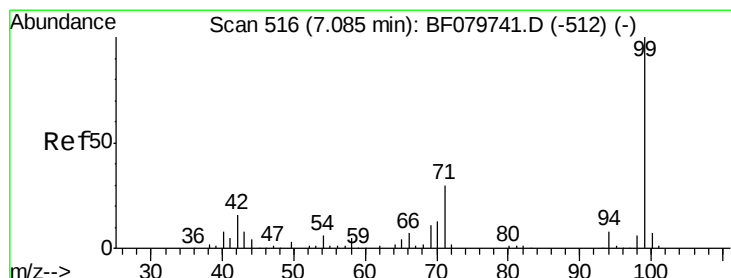
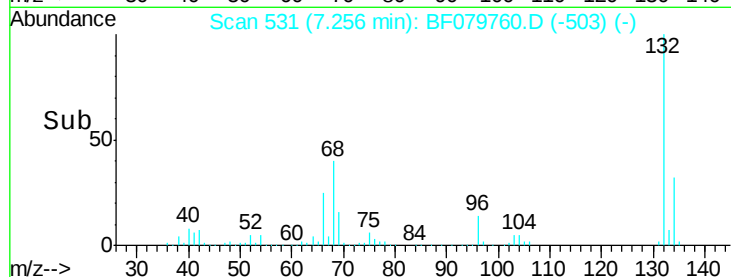
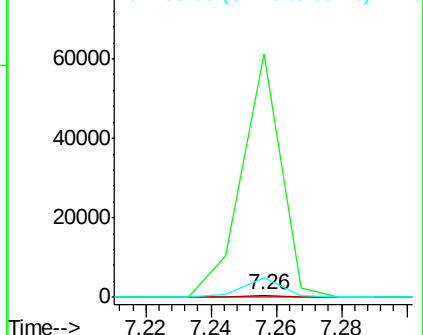
93 100

66 12129.9 30.3 45.5#

65 1003.4 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: 27.11 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

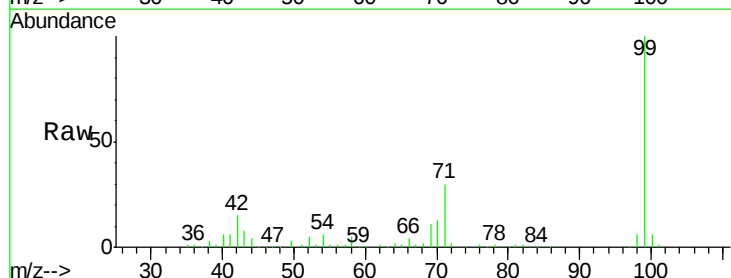
Tgt Ion: 99 Resp: 229232

Ion Ratio Lower Upper

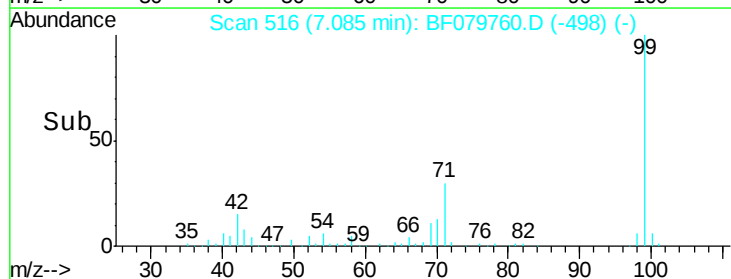
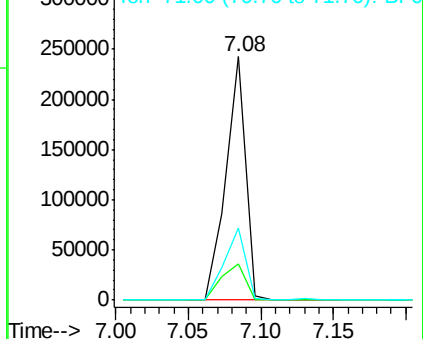
99 100

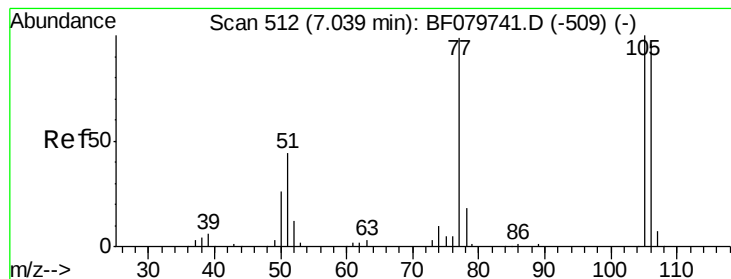
42 14.9 18.0 27.0#

71 29.7 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





#9

Benzaldehyde

Concen: 0.10 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.05 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampled :

SW-025

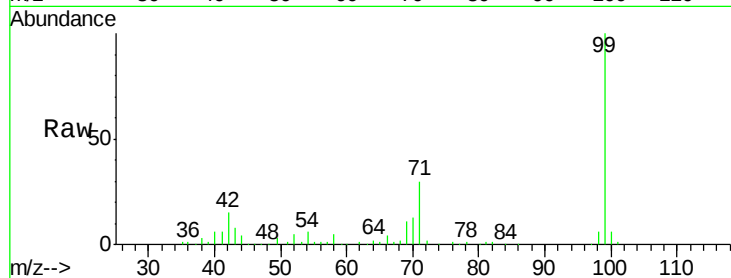
Tot Ion: 77 Resp: 280

Ion Ratio Lower Upper

77 100

105 0.0 66.1 106.1#

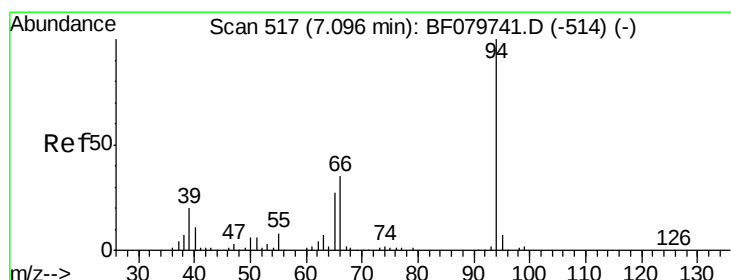
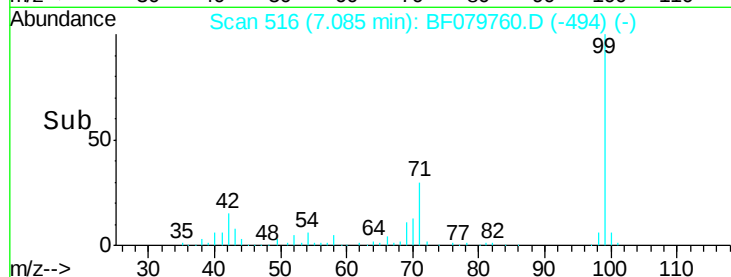
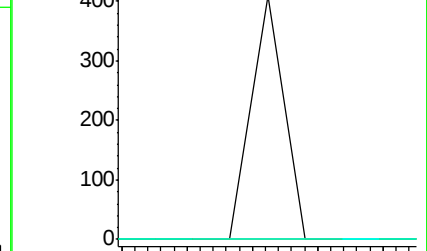
106 0.0 61.9 101.9#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.20 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

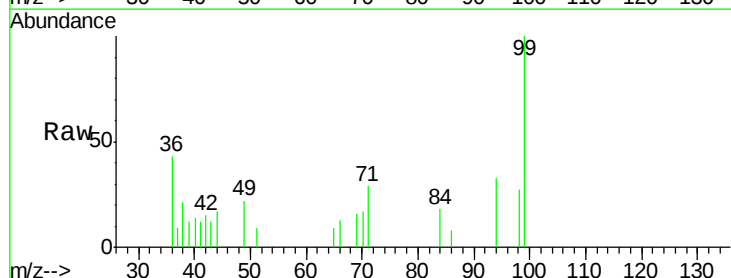
Tgt Ion: 94 Resp: 899

Ion Ratio Lower Upper

94 100

65 26.7 5.3 45.3

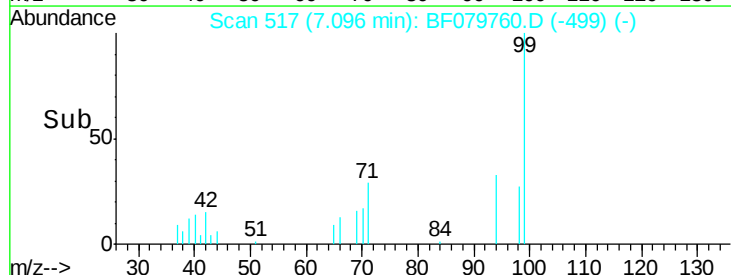
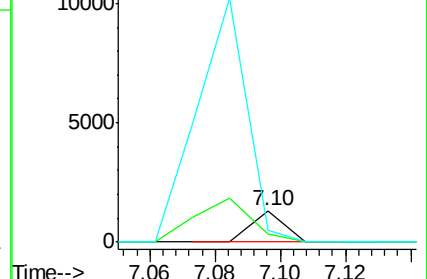
66 40.0 11.3 51.3

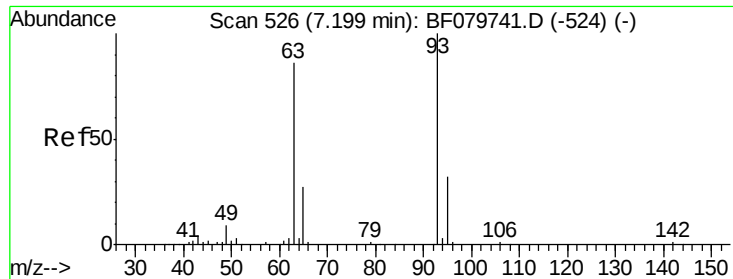


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

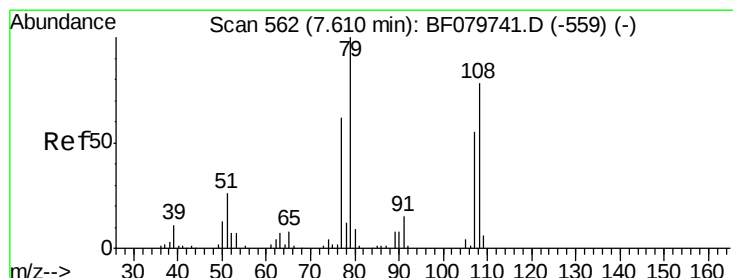
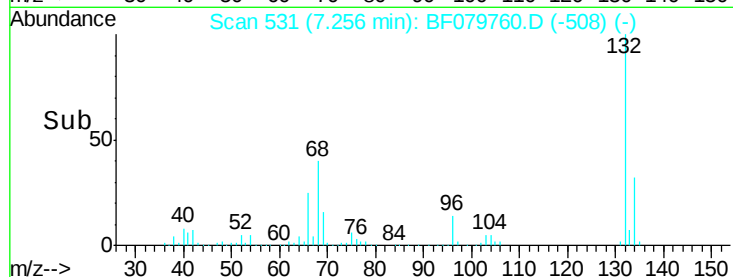
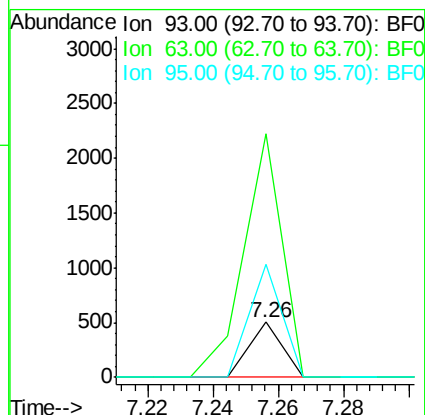
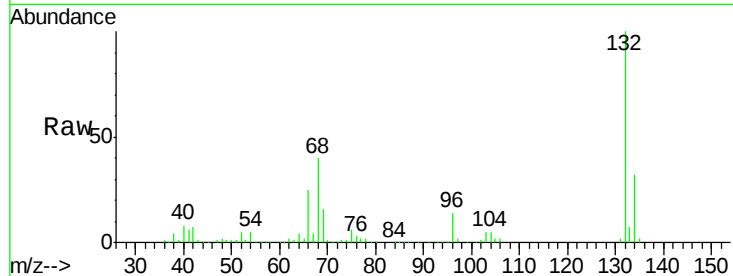




#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.26 min Scan# 531
Delta R.T. 0.06 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

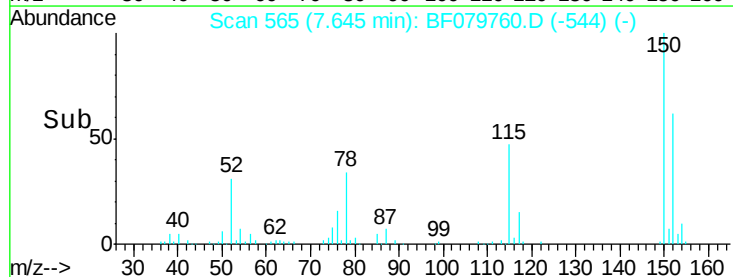
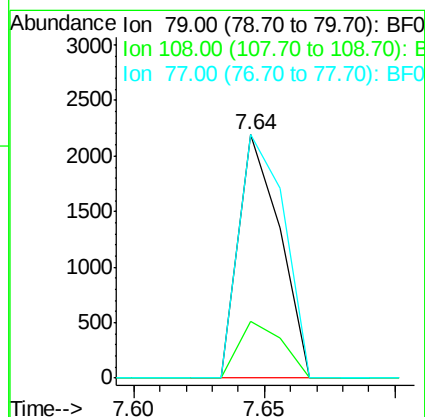
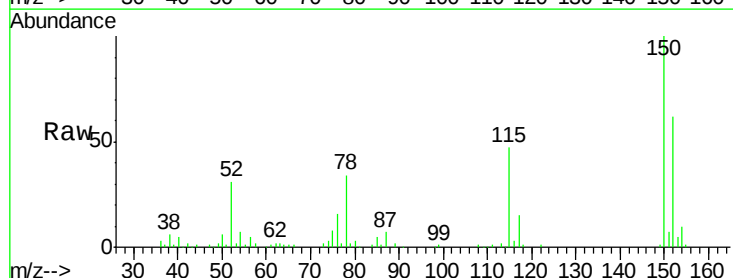
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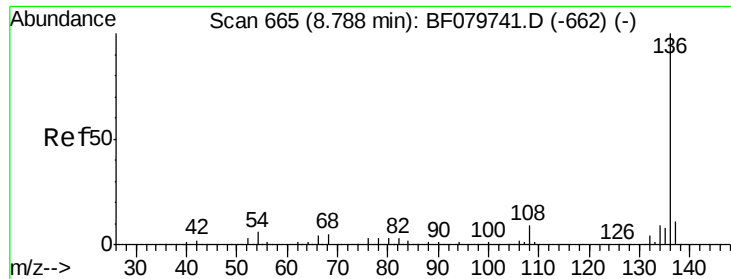
Tot Ion: 93 Resp: 346
Ion Ratio Lower Upper
93 100
63 440.0 58.7 98.7#
95 204.2 12.9 52.9#



#15
Benzyl Alcohol
Concen: 0.69 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion: 79 Resp: 2426
Ion Ratio Lower Upper
79 100
108 23.3 68.4 102.6#
77 100.1 50.0 75.0#

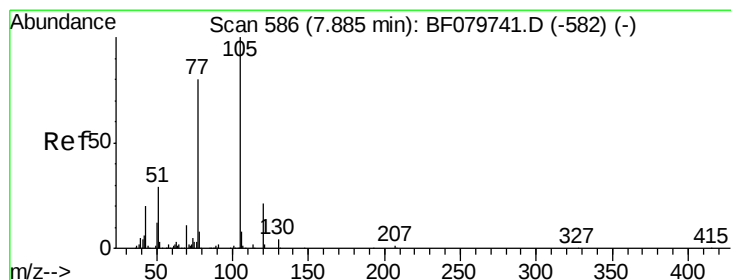
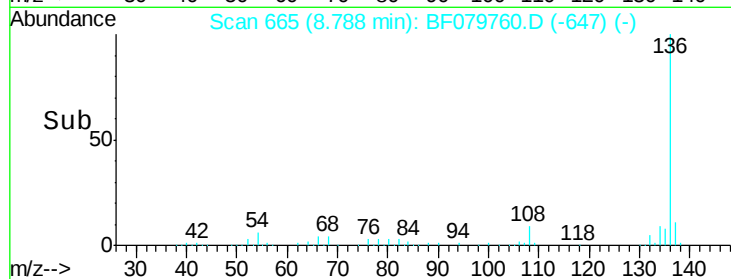
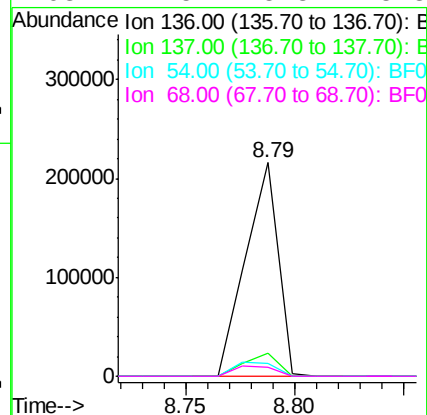
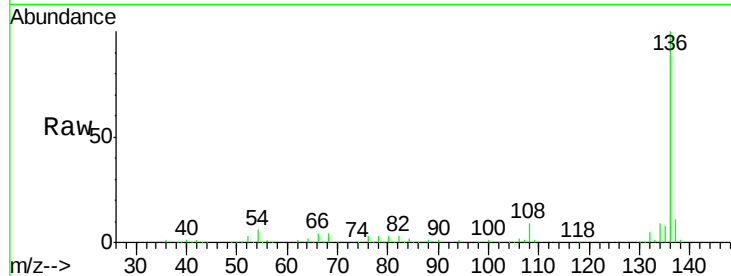




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

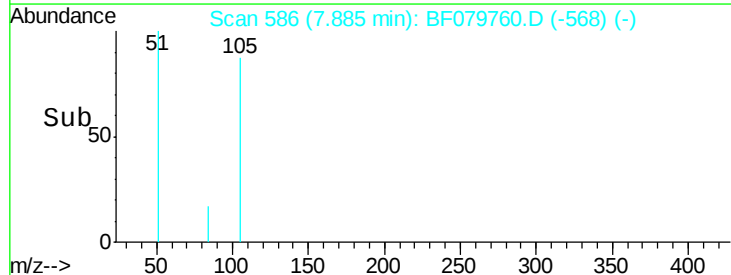
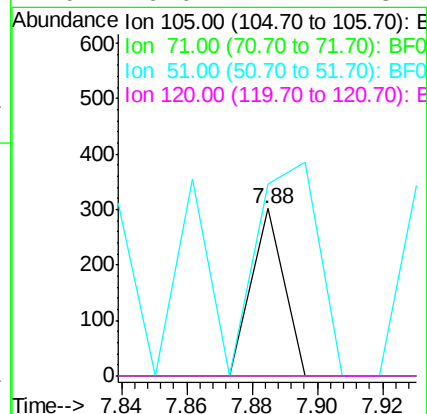
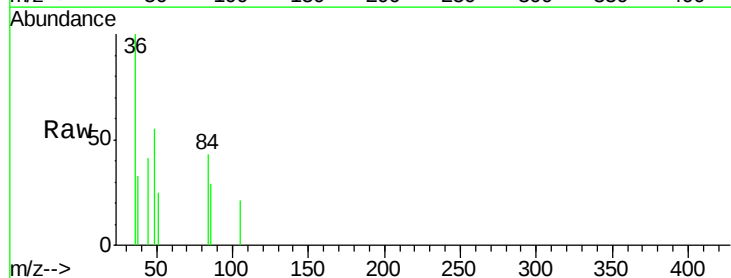
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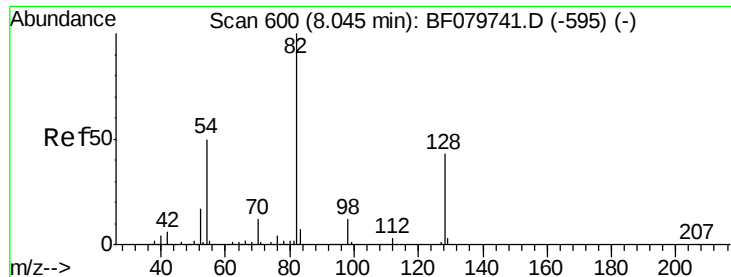
Tot Ion:136	Resp:	224076
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	5.8	8.7 13.1#
68	4.5	5.8 8.8#



#22
Acetophenone
Concen: 0.04 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion:105	Resp:	206
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.9 1.3#
51	115.0	21.3 31.9#
120	0.0	17.1 25.7#

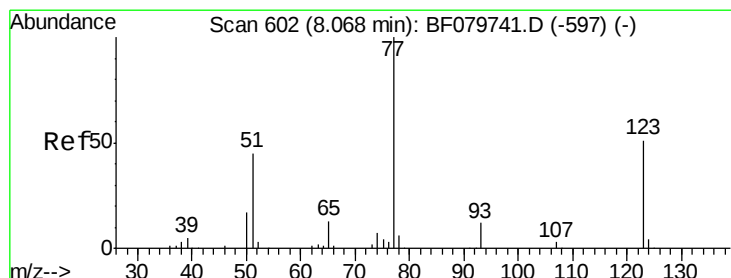
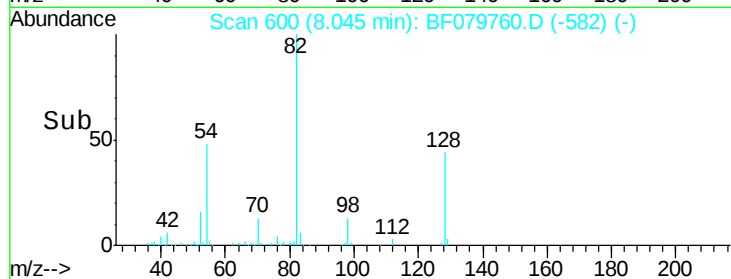
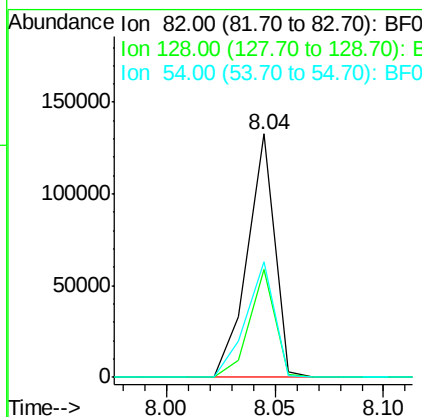
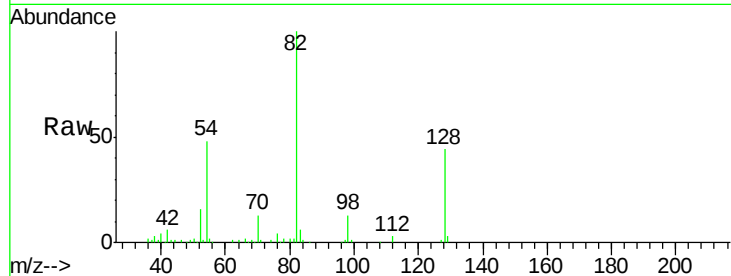




#23
 Nitrobenzene-d5
 Concen: 15.84 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF079760.D
 Acq: 6 Jun 2015 7:24

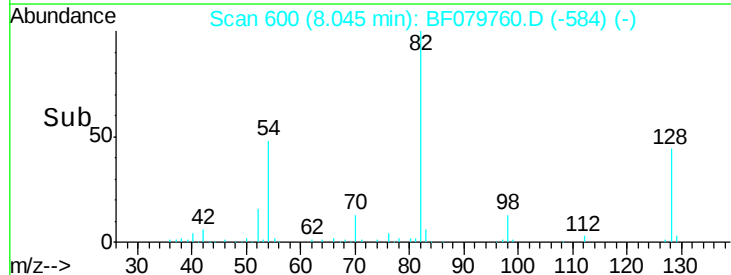
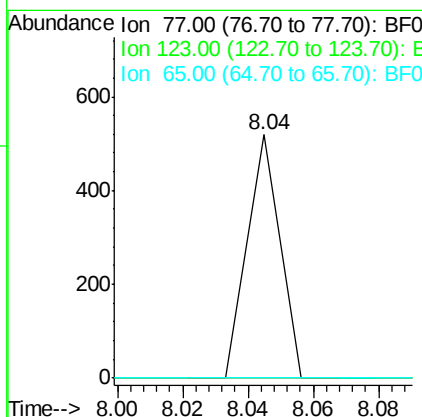
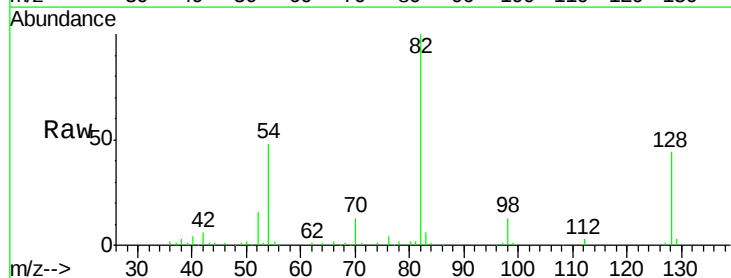
Instrument :
 BNA_F
 ClientSampleId :
 SW-025

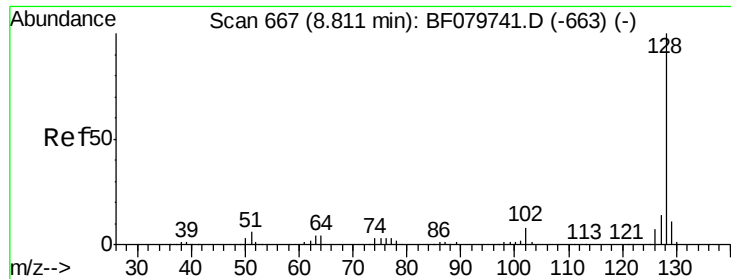
Tot Ion	82	Resp	115605
Ion Ratio	Lower	Upper	
82	100		
128	44.3	37.6	56.4
54	47.6	39.4	59.2



#24
 Nitrobenzene
 Concen: 0.10 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF079760.D
 Acq: 6 Jun 2015 7:24

Tgt Ion	77	Resp	356
Ion Ratio	Lower	Upper	
77	100		
123	0.0	28.1	42.1#
65	0.0	10.9	16.3#

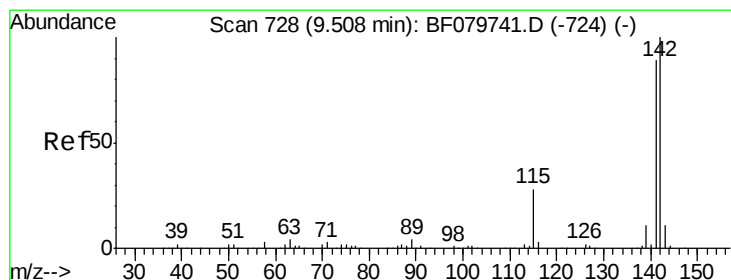
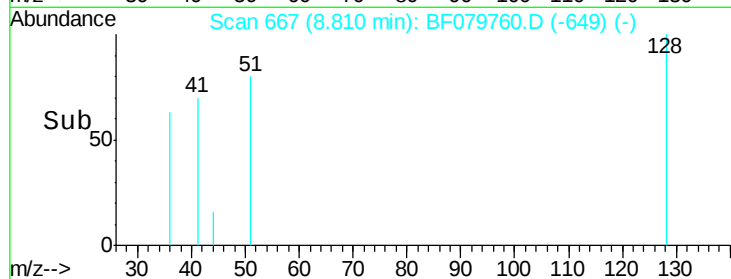
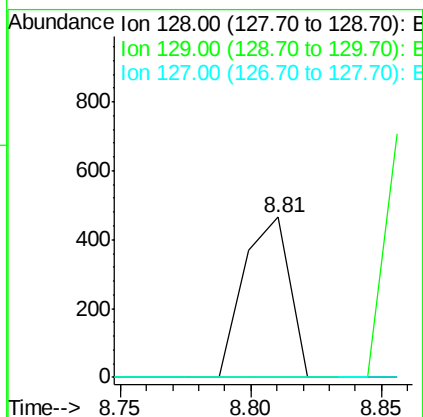
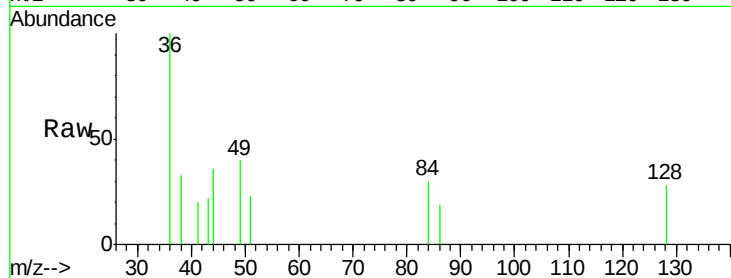




#31
Naphthalene
Concen: 0.05 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

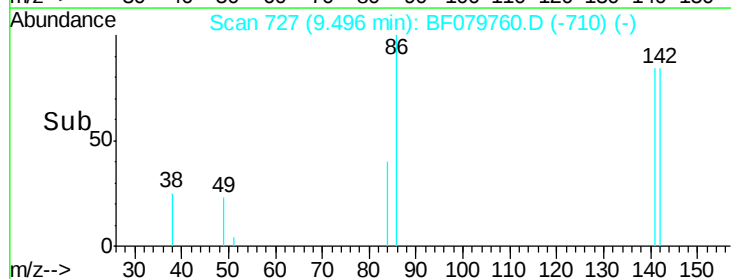
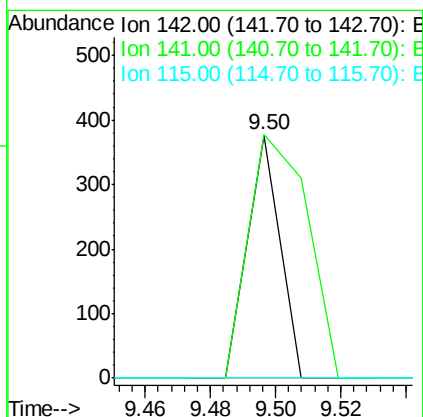
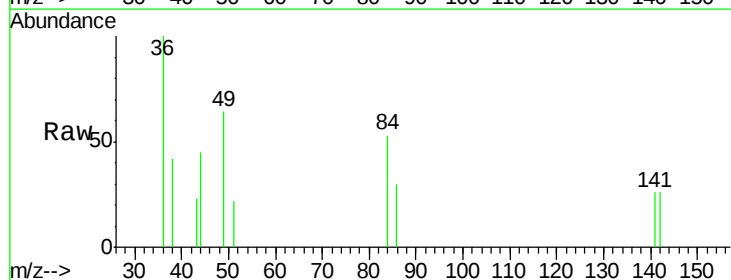
Instrument :
BNA_F
ClientSampleId :
SW-025

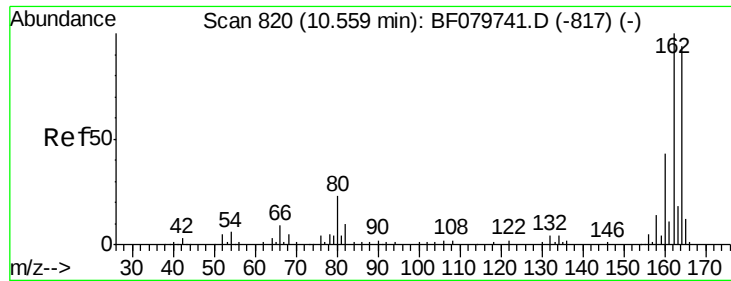
Tot Ion:128 Resp: 573
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 10.7 16.1#



#37
2-Methylnaphthalene
Concen: 0.03 ng
RT: 9.50 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion:142 Resp: 258
Ion Ratio Lower Upper
142 100
141 100.3 72.8 109.2
115 0.0 26.9 40.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.56 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

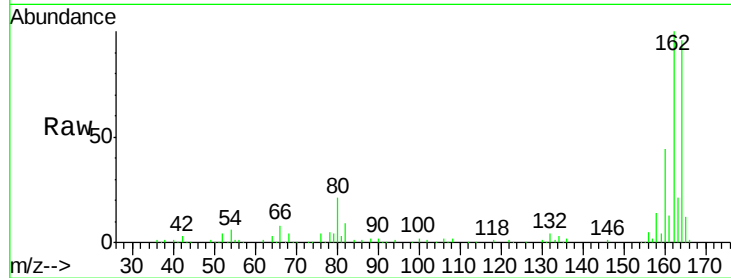
Tot Ion:164 Resp: 122622

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

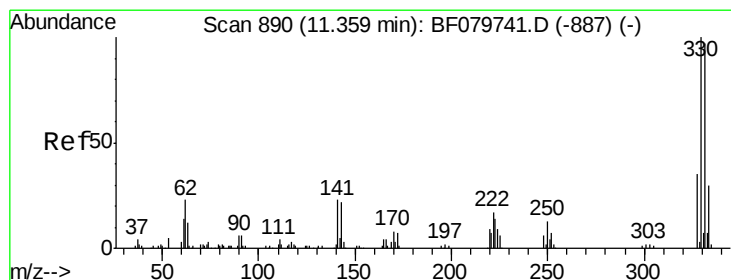
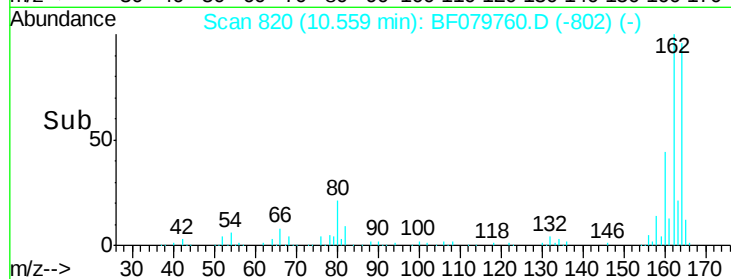
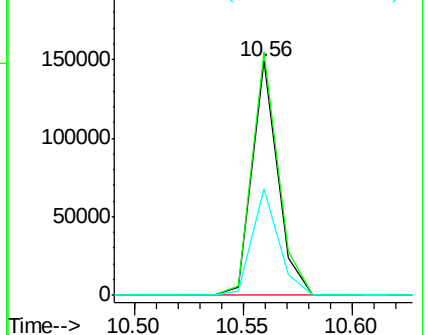
160 45.5 36.8 55.2



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: 24.38 ng

RT: 11.36 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

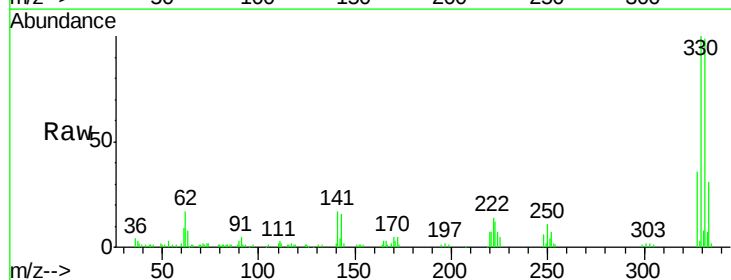
Tgt Ion:330 Resp: 57182

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

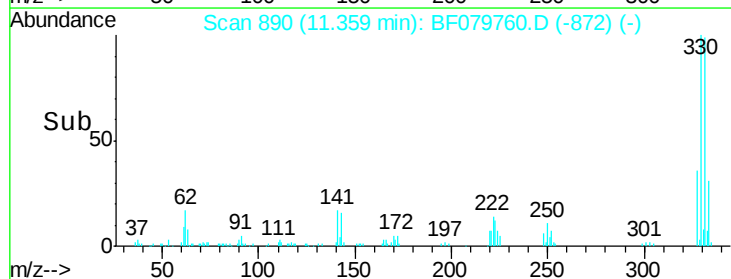
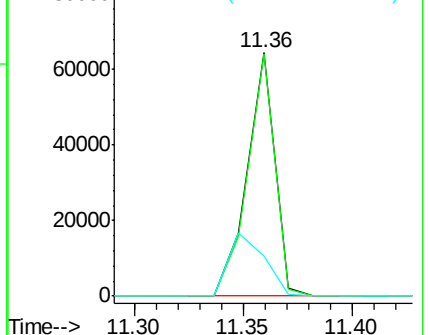
141 33.3 30.2 45.2

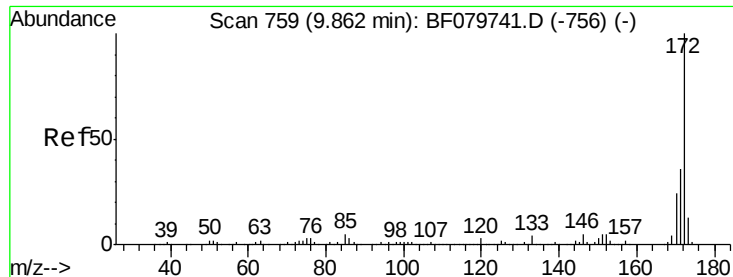


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

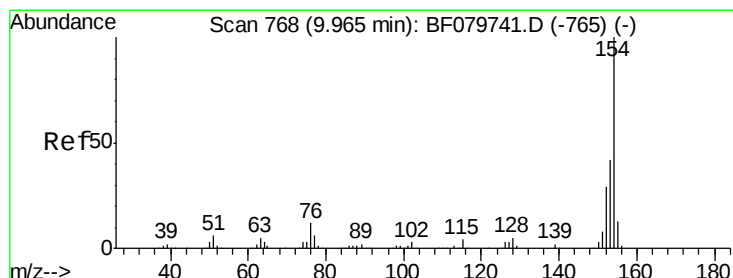
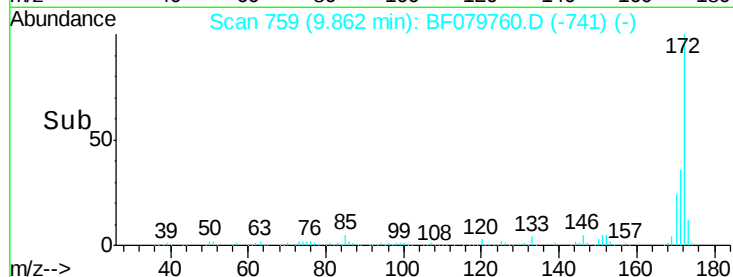
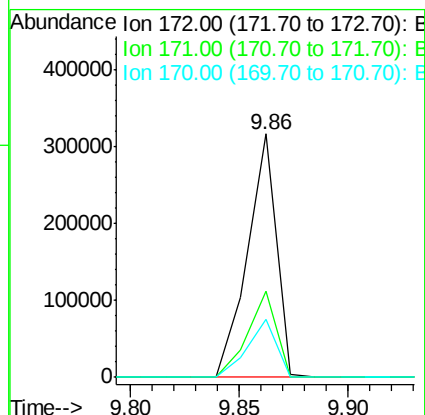
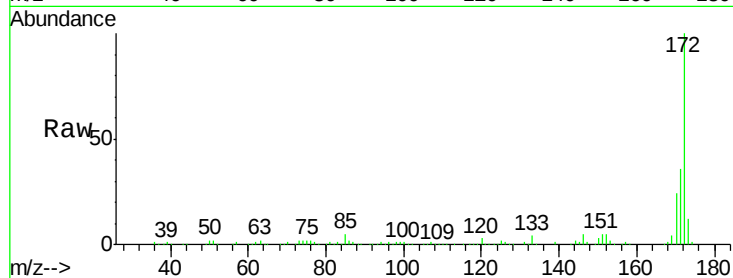




#44
2-Fluorobiphenyl
Concen: 16.02 ng
RT: 9.86 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

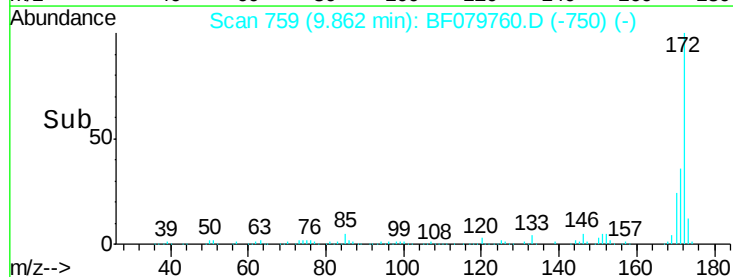
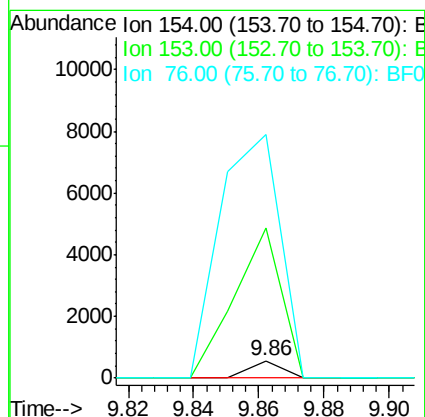
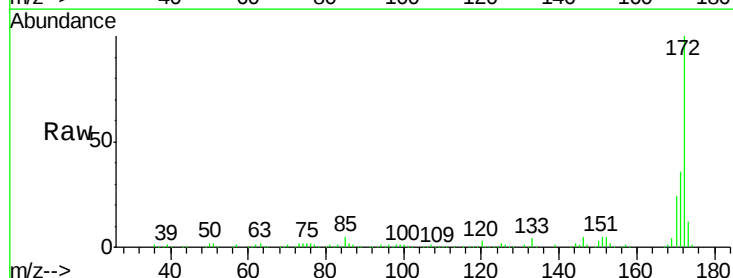
Instrument :
BNA_F
ClientSampleId :
SW-025

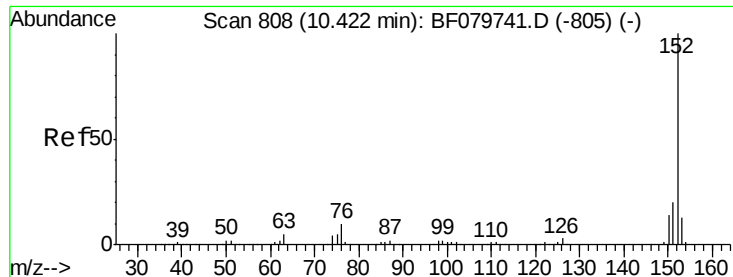
Tot Ion:172 Resp: 290039
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.6 19.7 29.5



#45
1,1'-Biphenyl
Concen: 0.04 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.10 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion:154 Resp: 387
Ion Ratio Lower Upper
154 100
153 862.3 19.9 59.9#
76 1397.2 0.0 28.2#





#48

Acenaphthylene

Concen: 0.67 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampled :

SW-025

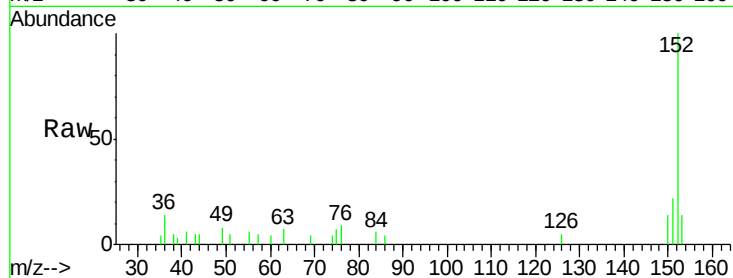
Tot Ion:152 Resp: 9607

Ion Ratio Lower Upper

152 100

151 21.9 16.2 24.4

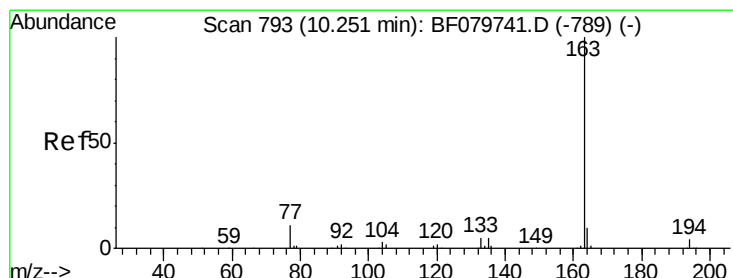
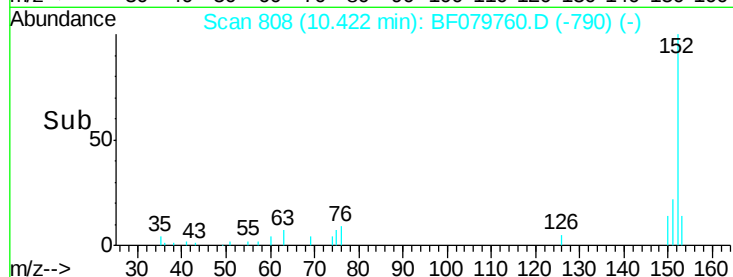
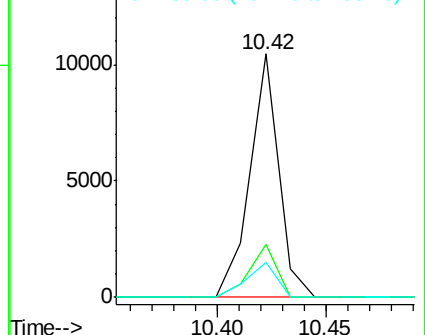
153 14.1 10.4 15.6



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: 4.32 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

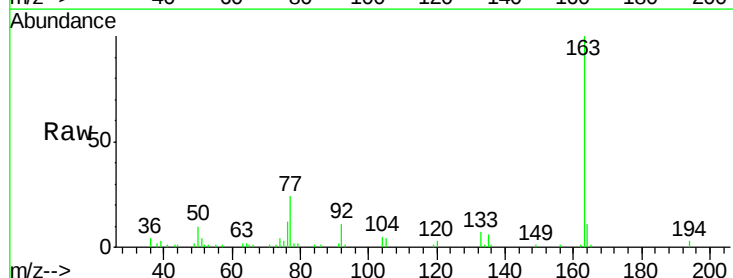
Tgt Ion:163 Resp: 40811

Ion Ratio Lower Upper

163 100

194 3.2 2.6 3.8

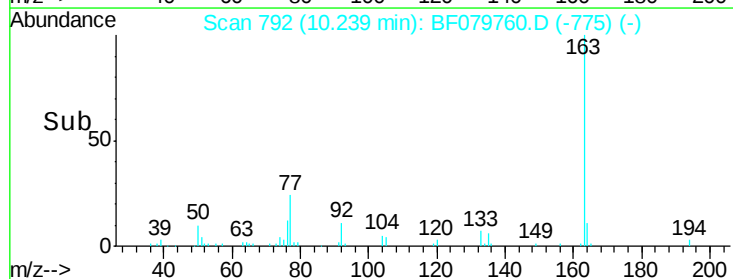
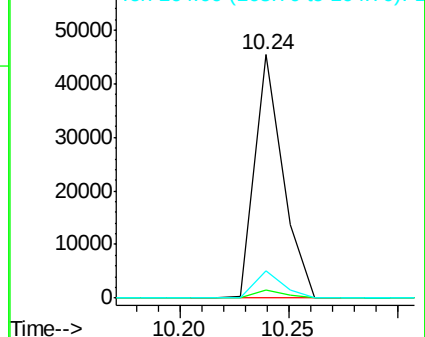
164 11.4 8.5 12.7

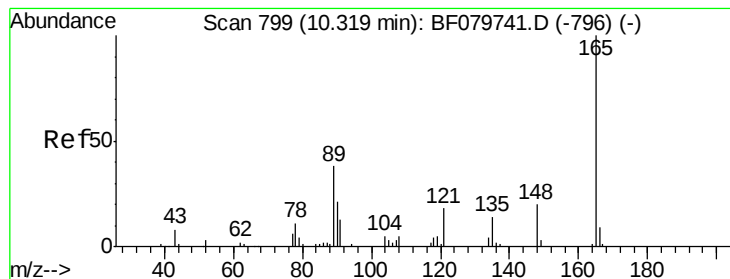


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 1.37 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.08 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

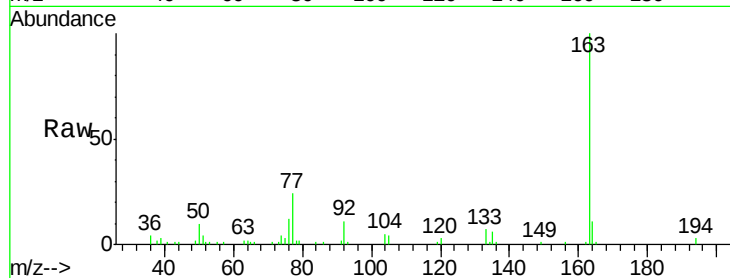
Tot Ion:165 Resp: 440

Ion Ratio Lower Upper

165 100

63 149.3 45.2 67.8#

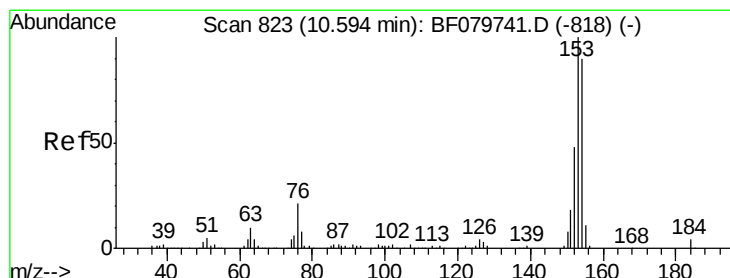
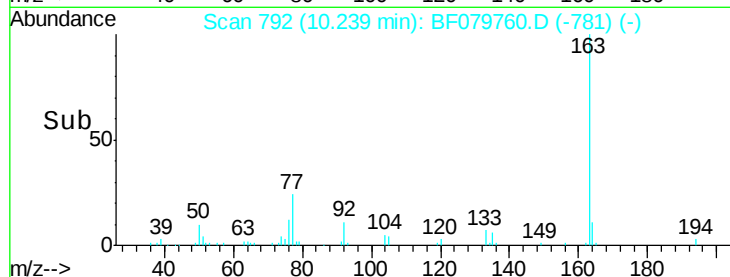
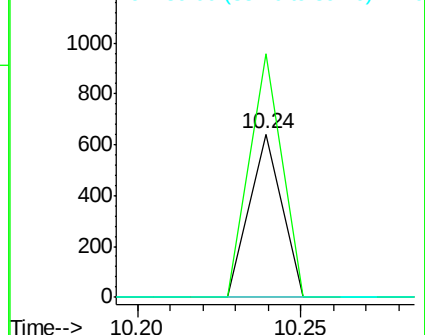
89 0.0 45.9 68.9#



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: 0.06 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

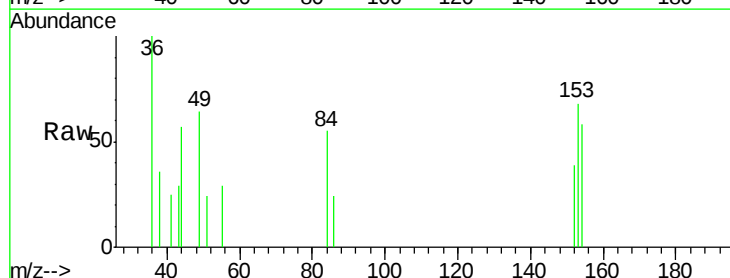
Tgt Ion:154 Resp: 518

Ion Ratio Lower Upper

154 100

153 116.3 90.1 135.1

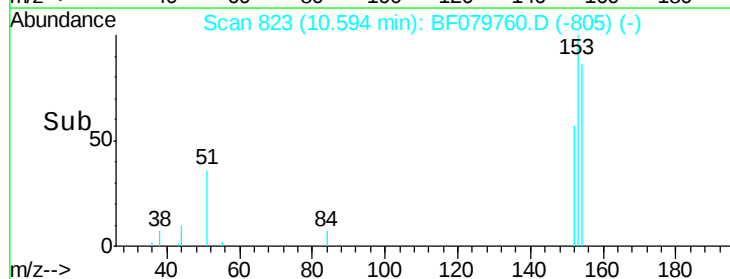
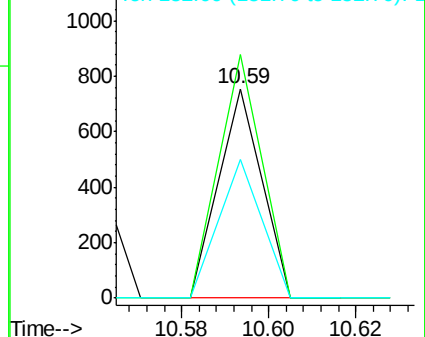
152 66.4 43.4 65.0#

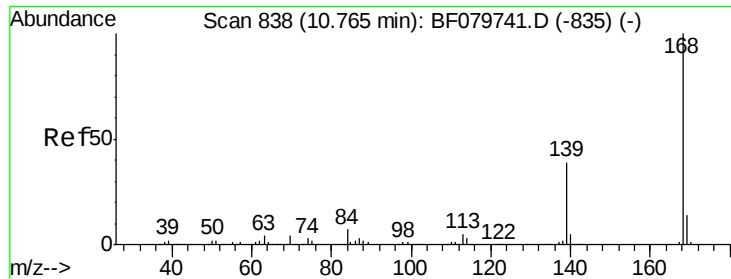


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

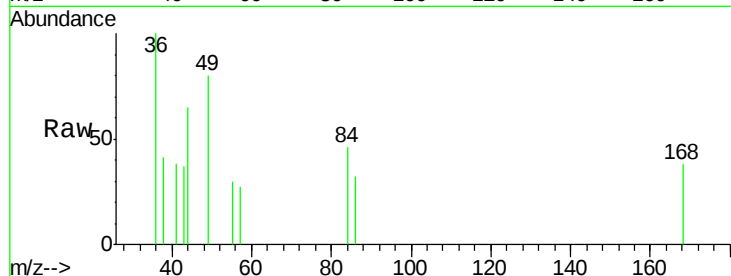




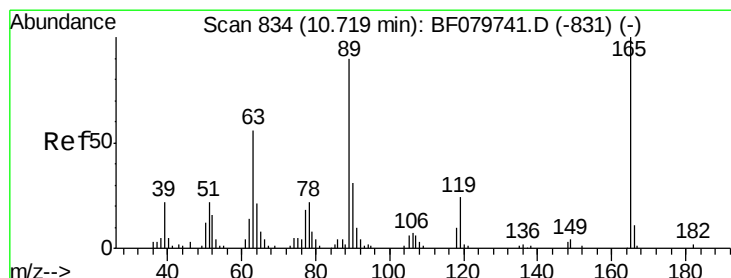
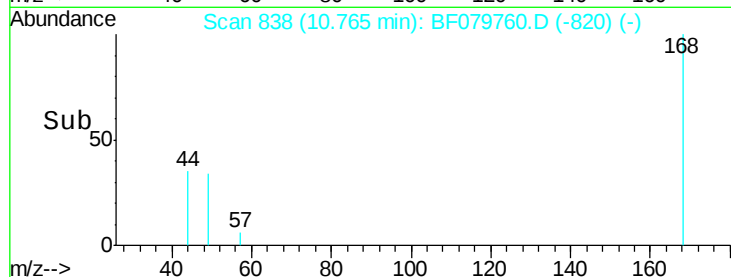
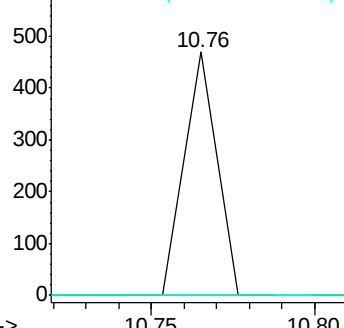
#54
Dibenzenofuran
Concen: 0.03 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SW-025

Tot Ion:168 Resp: 322
Ion Ratio Lower Upper
168 100
139 0.0 27.7 41.5#
169 0.0 11.0 16.4#

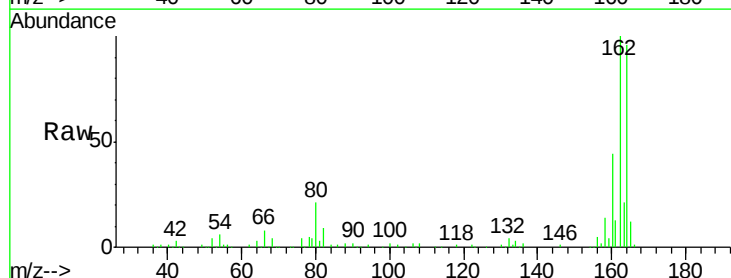


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

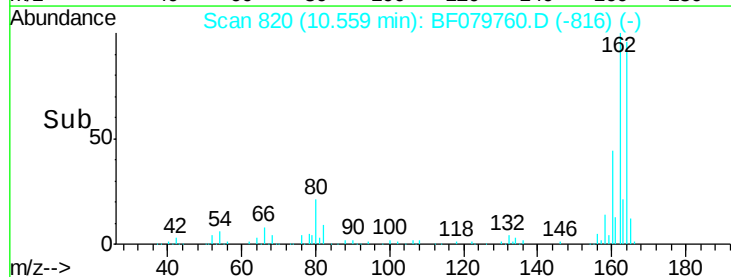
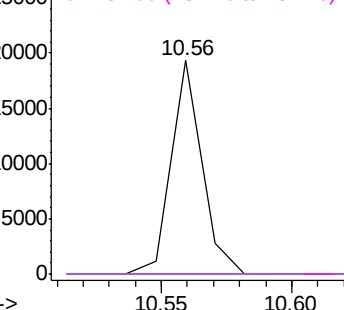


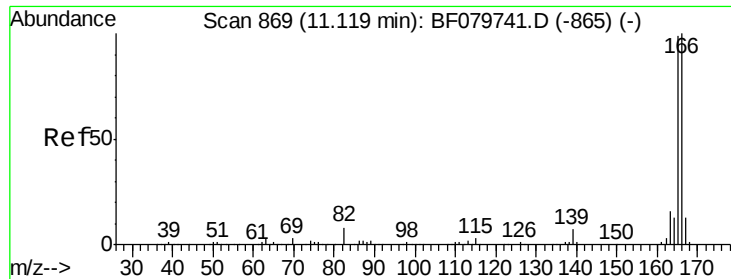
#56
2,4-Dinitrotoluene
Concen: 11.64 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.16 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion:165 Resp: 16002
Ion Ratio Lower Upper
165 100
63 0.0 24.7 37.1#
89 0.0 45.7 68.5#
182 0.0 1.8 2.8#



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

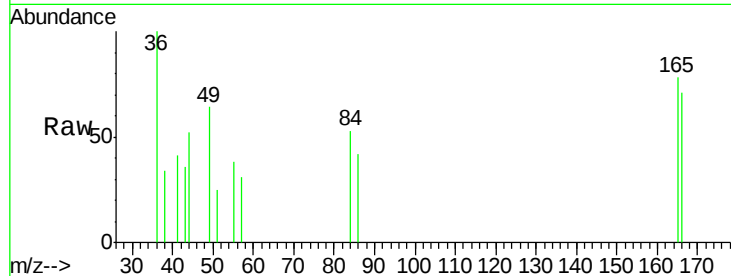




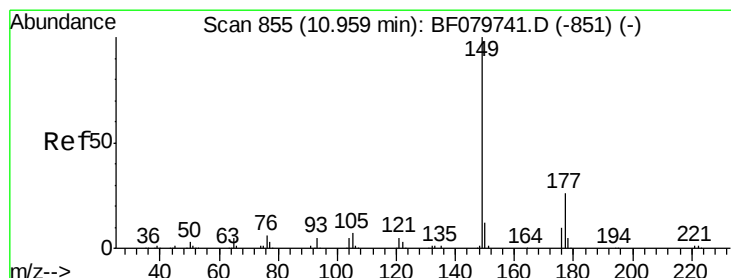
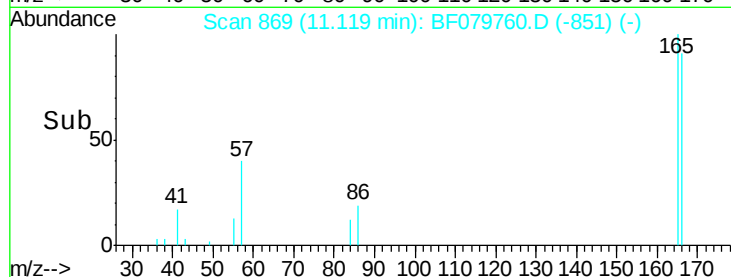
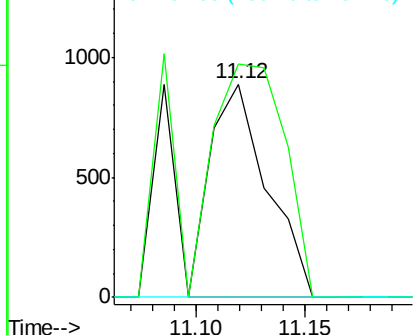
#57
Fluorene
 Concen: 0.16 ng
 RT: 11.12 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF079760.D
 Acq: 6 Jun 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 SW-025

Tot Ion:166 Resp: 1632
 Ion Ratio Lower Upper
 166 100
 165 109.8 79.4 119.0
 167 0.0 11.0 16.4#

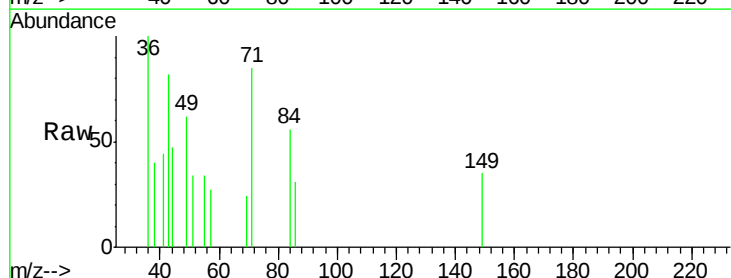


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

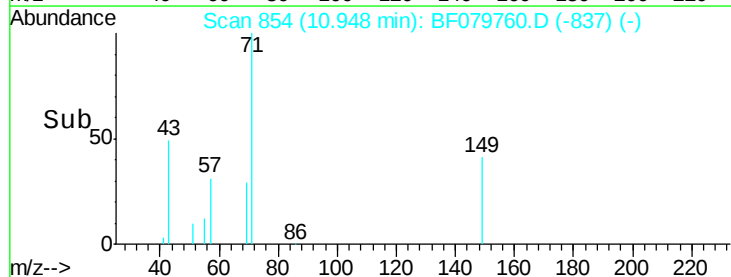
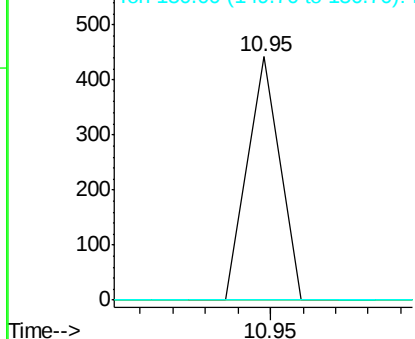


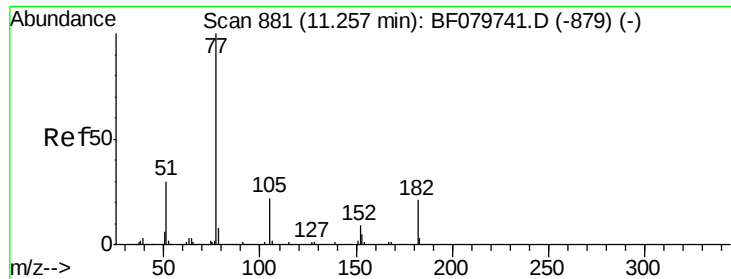
#59
Diethylphthalate
 Concen: 0.03 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF079760.D
 Acq: 6 Jun 2015 7:24

Tgt Ion:149 Resp: 303
 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: 0.03 ng

RT: 11.35 min Scan# 889

Delta R.T. 0.09 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

Tot Ion: 77 Resp: 312

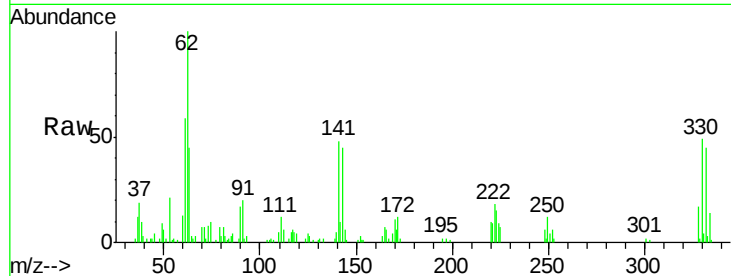
Ion Ratio Lower Upper

77 100

182 0.0 0.0 35.2

105 105.3 0.0 39.5#

51 144.4 12.4 52.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0

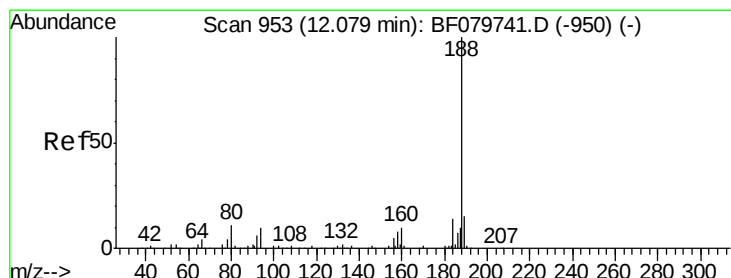
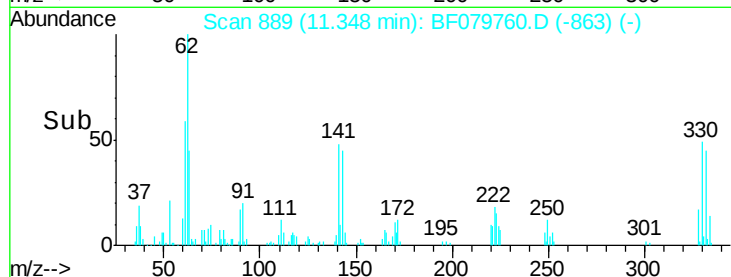
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->

11.35



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.08 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

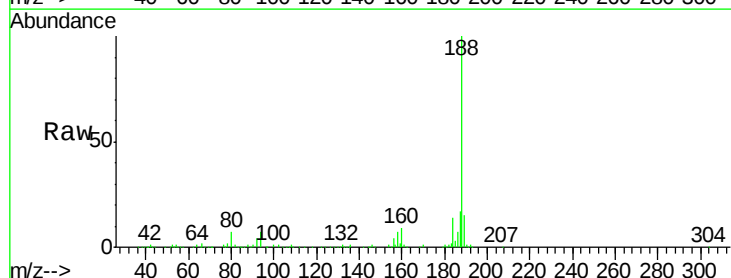
Tgt Ion: 188 Resp: 246228

Ion Ratio Lower Upper

188 100

94 6.6 5.0 7.4

80 7.1 5.3 7.9



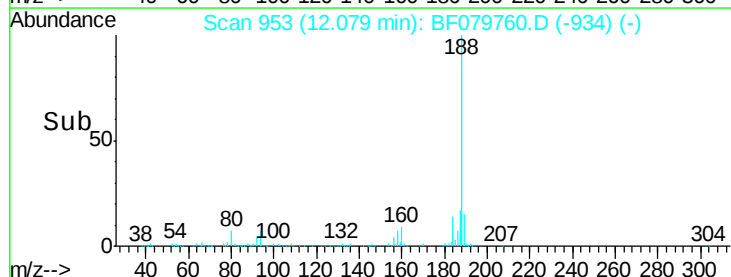
Abundance Ion 188.00 (187.70 to 188.70): E

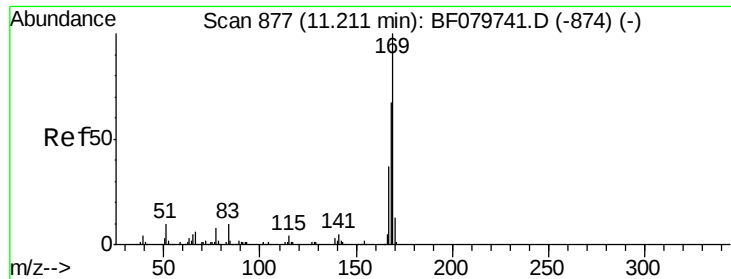
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->

12.08

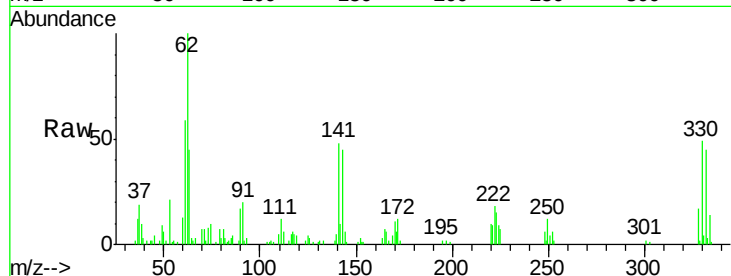




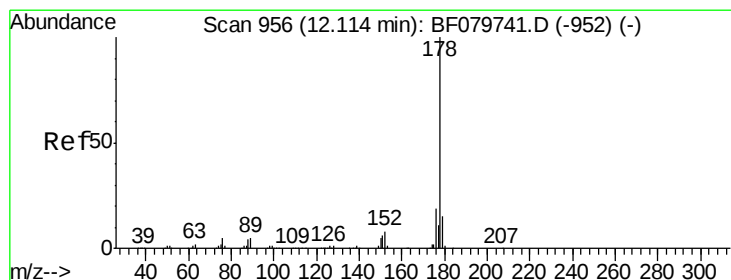
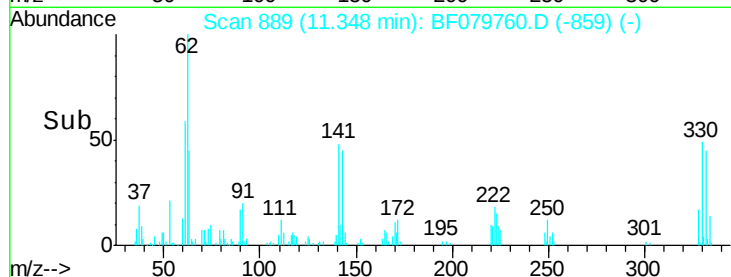
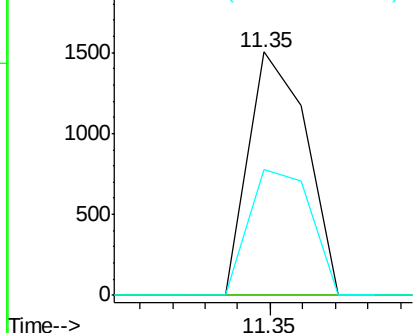
#65
n-Nitrosodiphenylamine
Concen: 0.22 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Instrument :
BNA_F
ClientSampleId :
SW-025

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.8	82.2#
167	51.9	29.7	44.5#

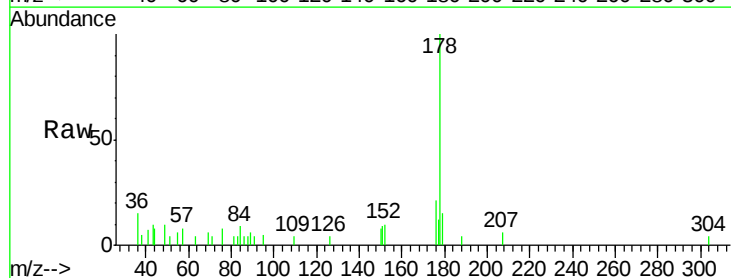


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

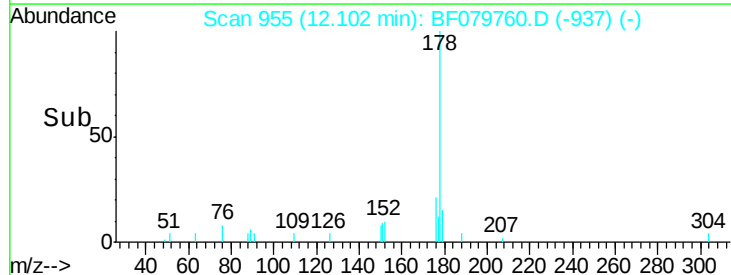
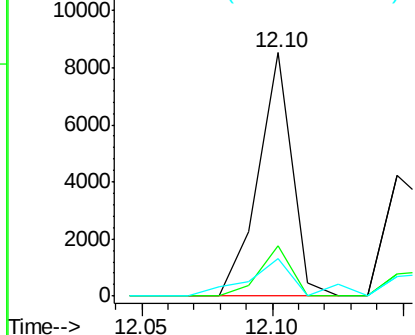


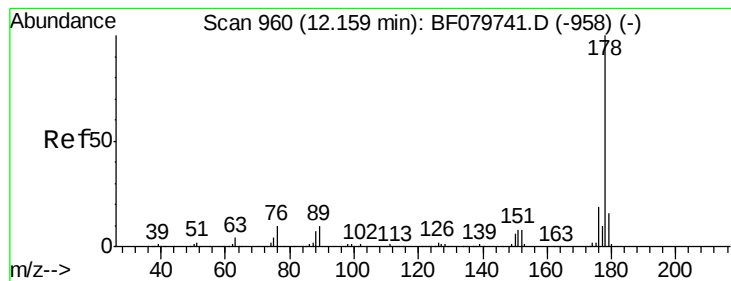
#70
Phenanthrene
Concen: 0.54 ng
RT: 12.10 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.2	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: 0.41 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

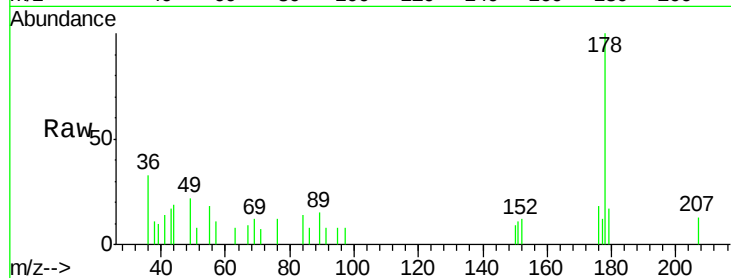
Tot Ion:178 Resp: 5812

Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

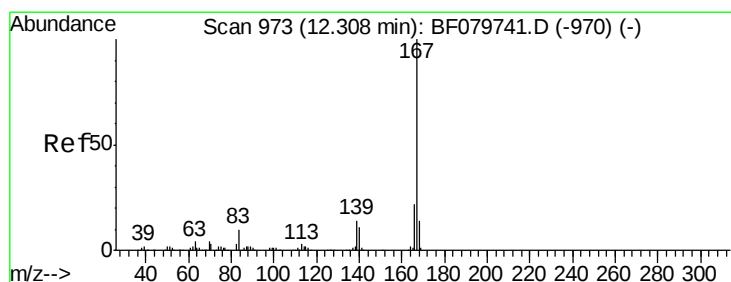
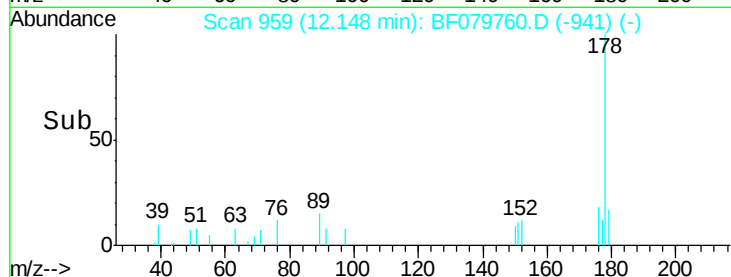
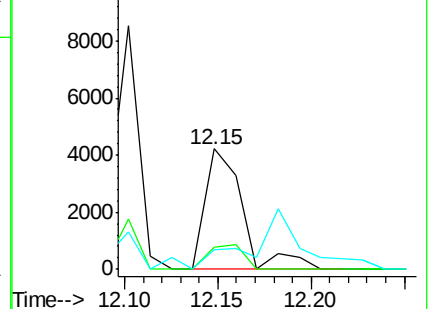
179 16.7 12.2 18.2



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: 0.12 ng

RT: 12.30 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

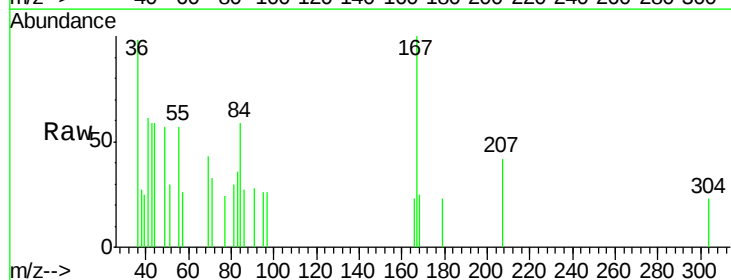
Tgt Ion:167 Resp: 1592

Ion Ratio Lower Upper

167 100

166 23.1 17.7 26.5

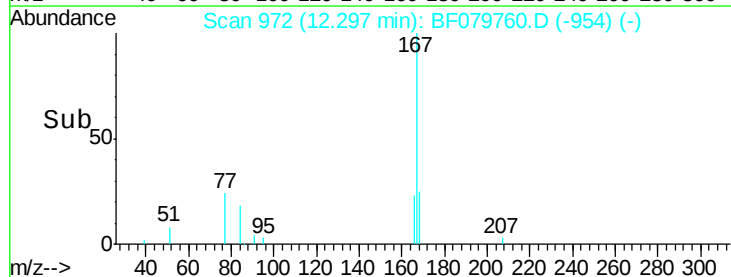
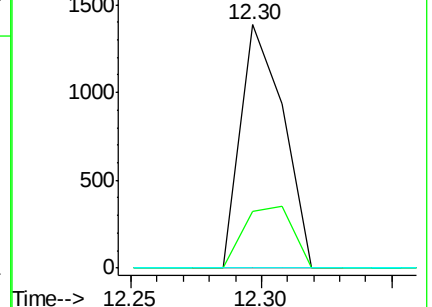
139 0.0 9.3 13.9#

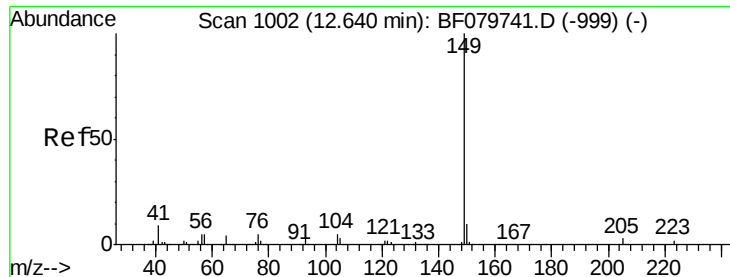


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.07 ng

RT: 12.63 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

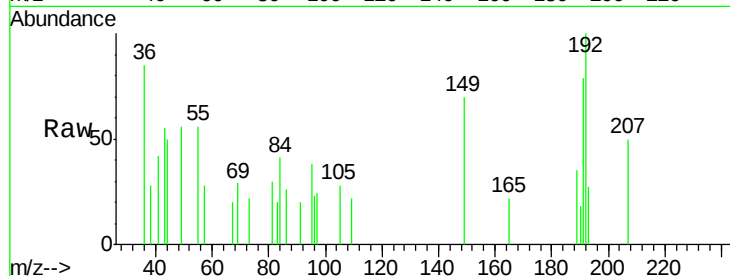
Tot Ion:149 Resp: 1031

Ion Ratio Lower Upper

149 100

150 0.0 9.8 14.8#

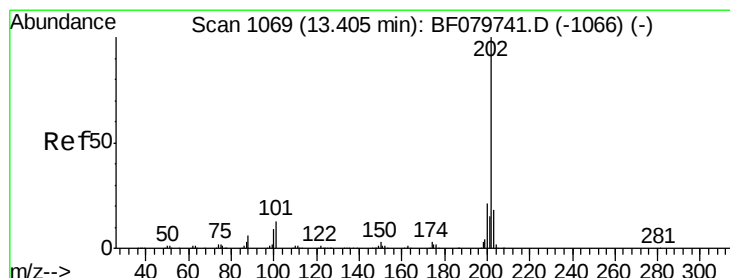
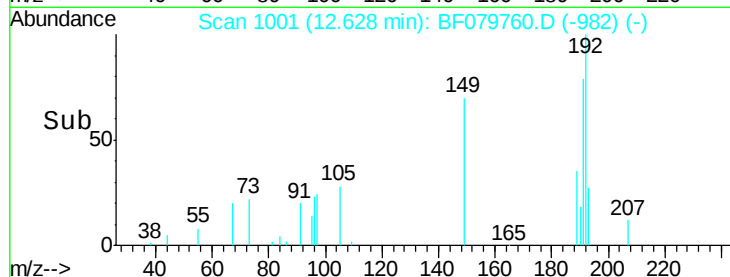
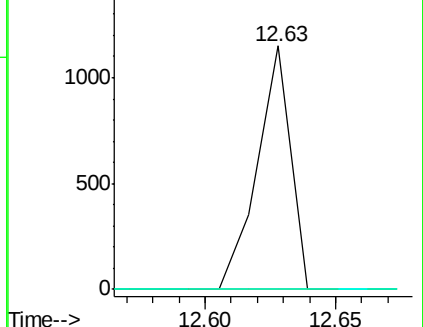
104 0.0 12.9 19.3#



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: 1.10 ng

RT: 13.38 min Scan# 1067

Delta R.T. 0.02 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

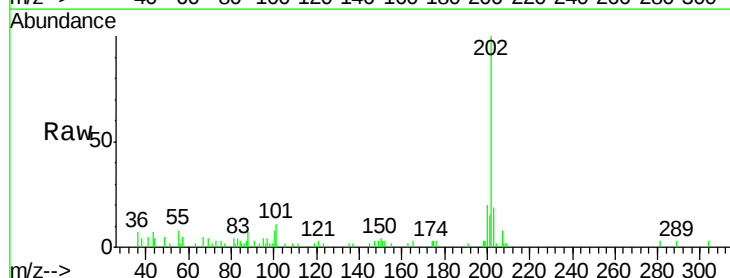
Tgt Ion:202 Resp: 17404

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.3

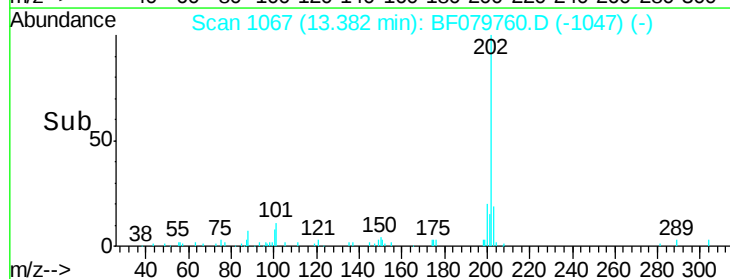
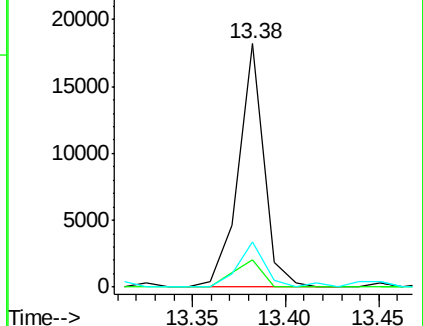
203 18.6 0.0 38.4

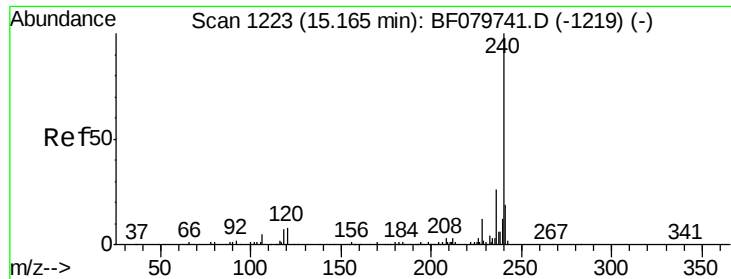


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.10 min Scan# 1217

Delta R.T. 0.08 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

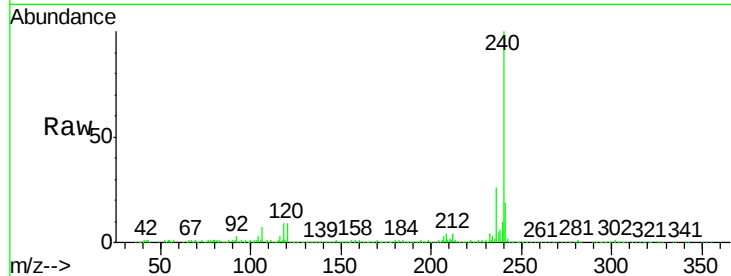
Tot Ion:240 Resp: 279211

Ion Ratio Lower Upper

240 100

120 9.4 6.2 9.2#

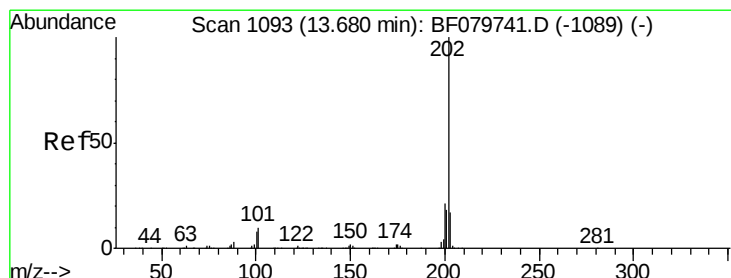
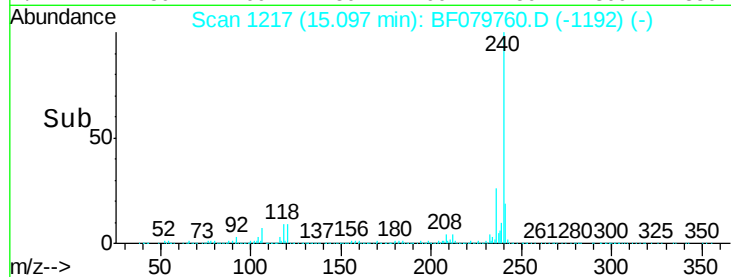
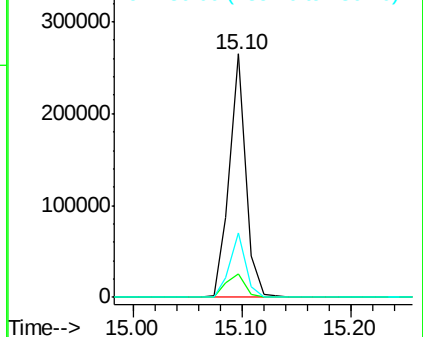
236 26.4 21.0 31.4



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: 1.07 ng

RT: 13.65 min Scan# 1090

Delta R.T. 0.03 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

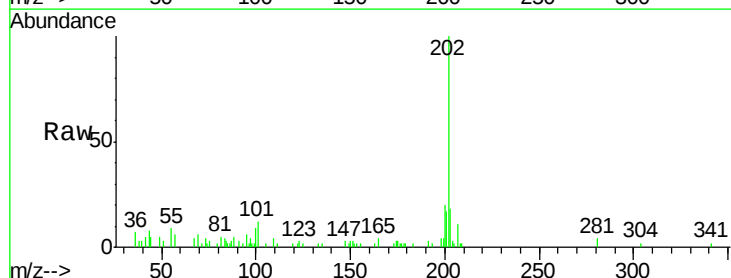
Tgt Ion:202 Resp: 18391

Ion Ratio Lower Upper

202 100

200 20.2 17.5 26.3

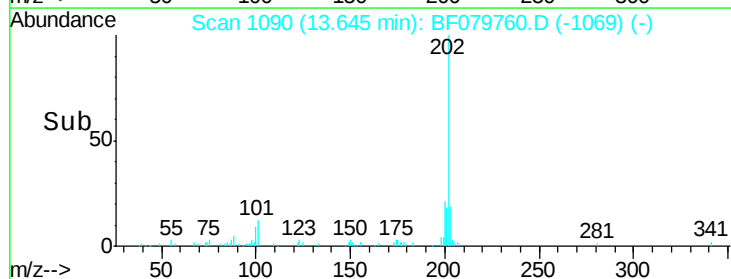
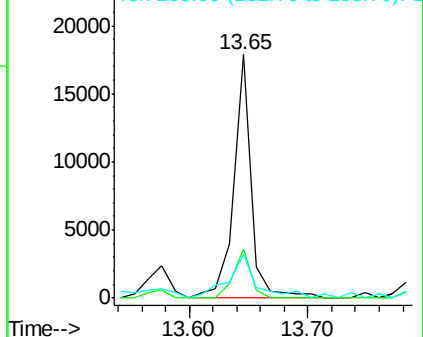
203 18.3 14.8 22.2

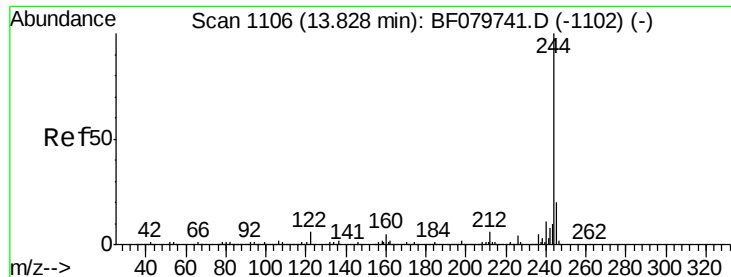


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 15.86 ng

RT: 13.78 min Scan# 1102

Delta R.T. 0.03 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

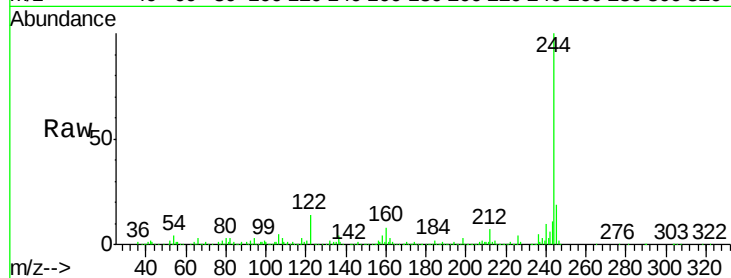
Tot Ion:244 Resp: 386723

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

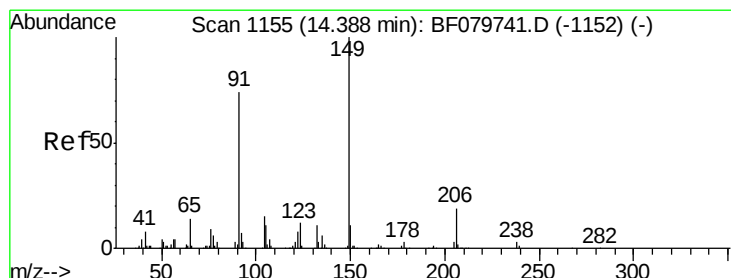
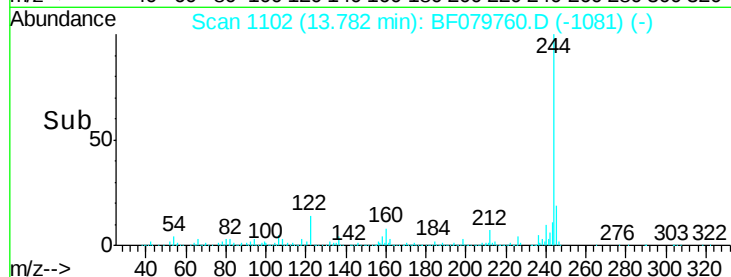
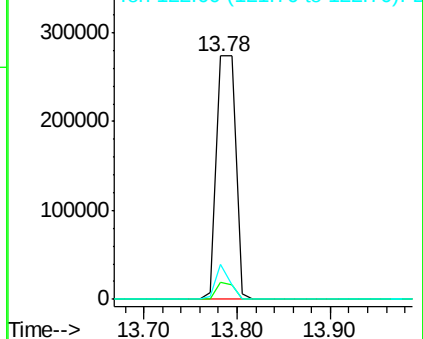
122 14.5 9.3 13.9#



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: 0.06 ng

RT: 14.35 min Scan# 1152

Delta R.T. 0.07 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

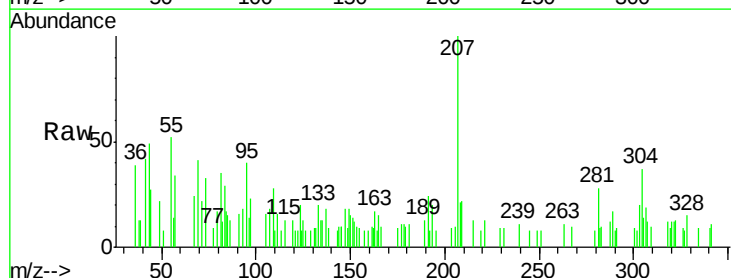
Tgt Ion:149 Resp: 390

Ion Ratio Lower Upper

149 100

91 88.4 64.4 96.6

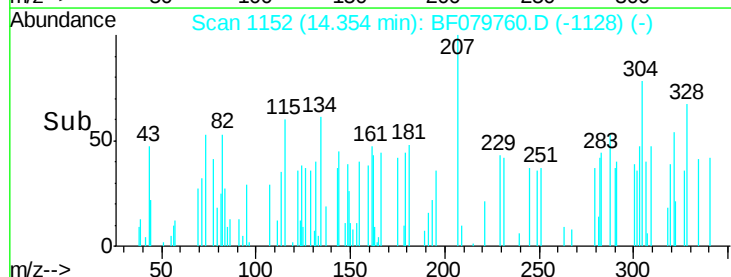
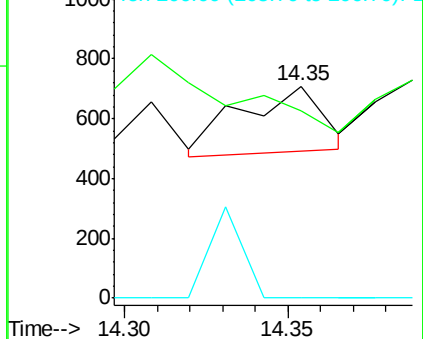
206 0.0 14.8 22.2#

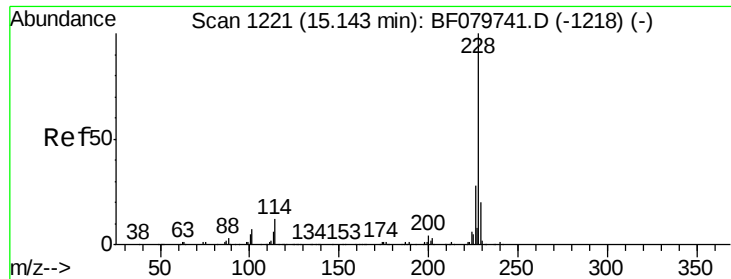


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

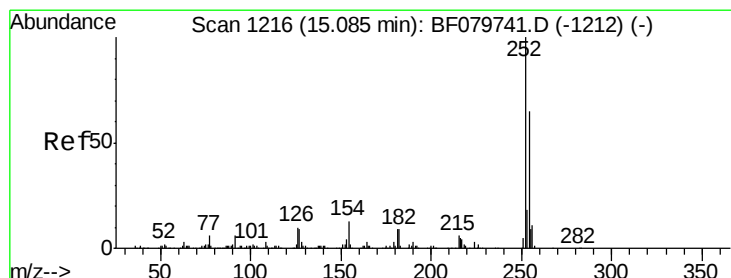
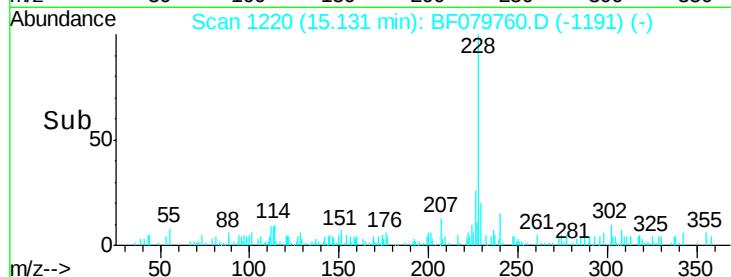
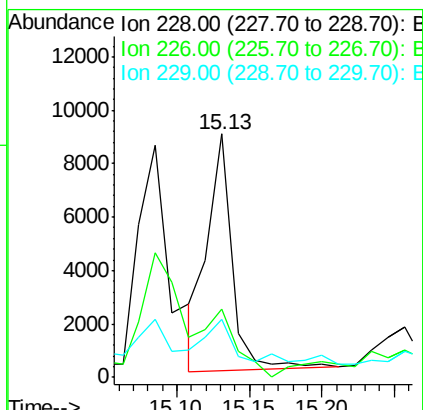
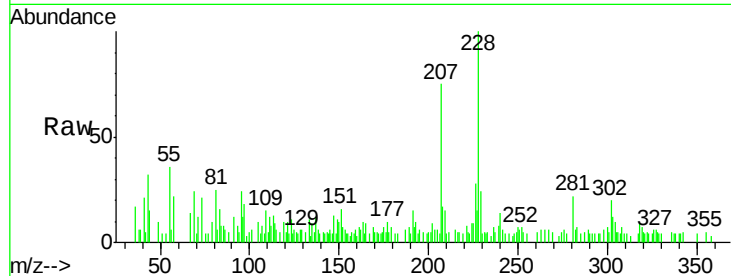




#80
Benzo(a)anthracene
Concen: 0.62 ng
RT: 15.13 min Scan# 1220
Delta R.T. 0.13 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

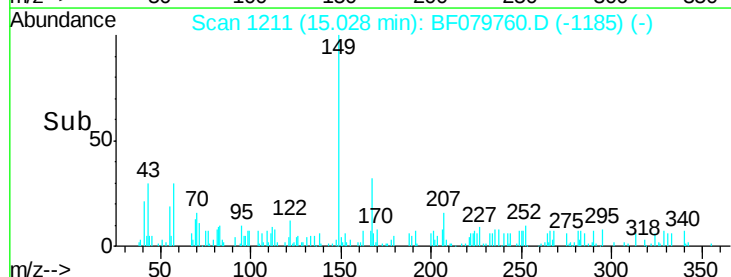
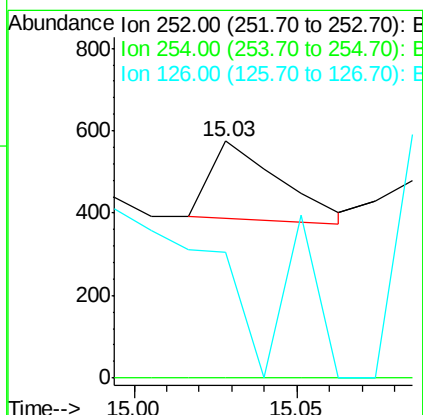
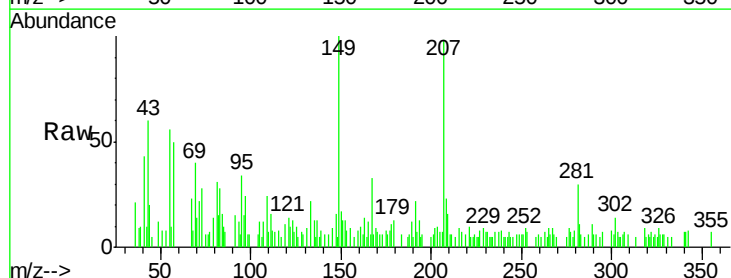
Instrument :
BNA_F
ClientSampleId :
SW-025

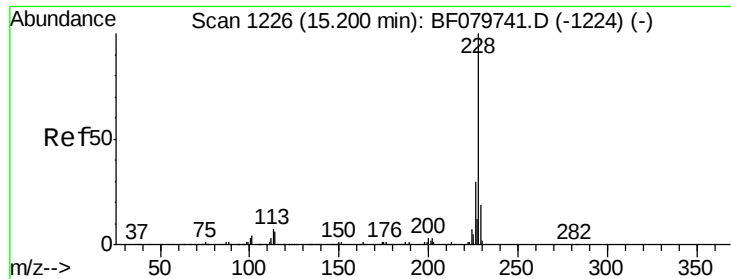
Tot Ion:228 Resp: 10521
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.4
229 23.8 16.6 25.0



#81
3,3'-Dichlorobenzidine
Concen: 0.05 ng
RT: 15.03 min Scan# 1211
Delta R.T. 0.09 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion:252 Resp: 276
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 53.0 6.9 10.3#





#82

Chrysene

Concen: 0.66 ng

RT: 15.13 min Scan# 1220

Delta R.T. 0.08 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampleId :

SW-025

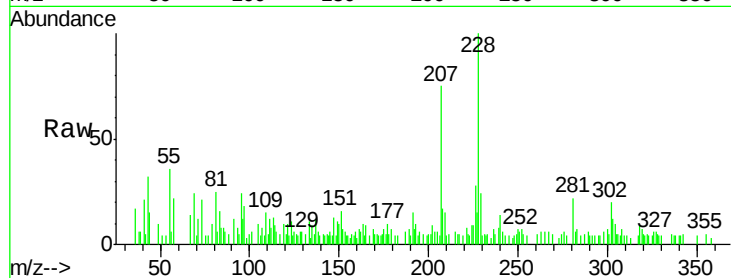
Tot Ion:228 Resp: 10496

Ion Ratio Lower Upper

228 100

226 28.1 25.2 37.8

229 23.8 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

12000

10000

8000

6000

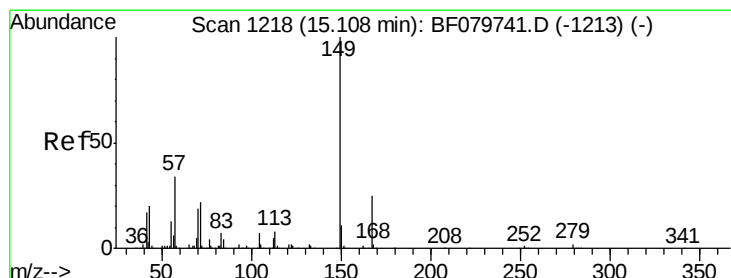
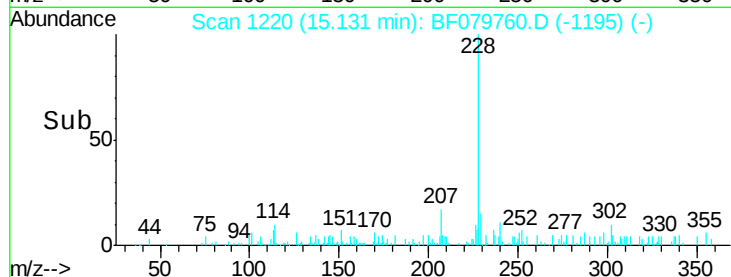
4000

2000

0

15.10 15.15 15.20

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.92 ng

RT: 15.04 min Scan# 1212

Delta R.T. 0.08 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

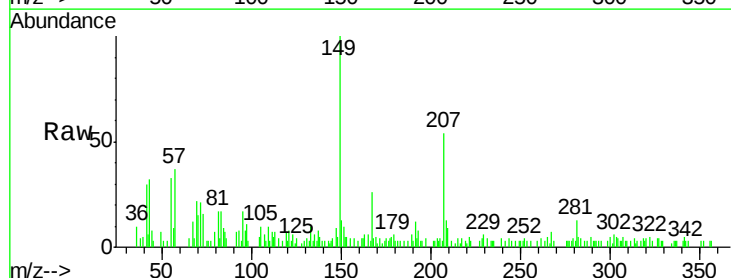
Tgt Ion:149 Resp: 20750

Ion Ratio Lower Upper

149 100

167 26.4 20.9 31.3

279 4.1 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

15000

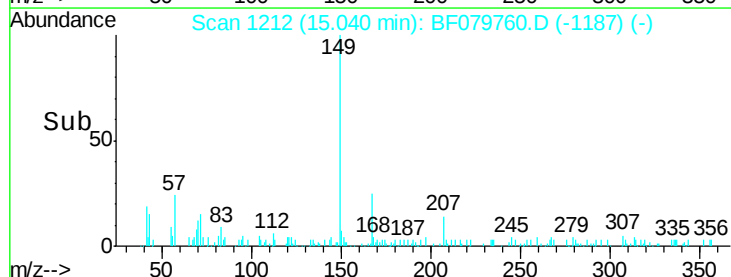
10000

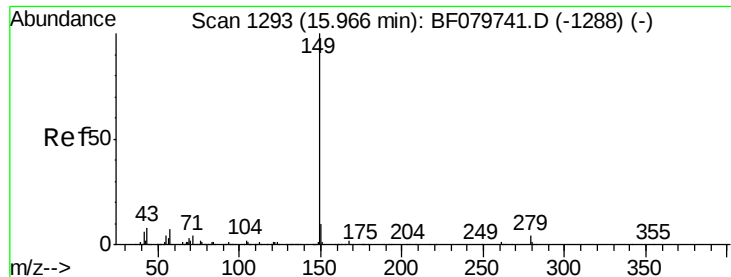
5000

0

14.90 15.00 15.10

Time-->

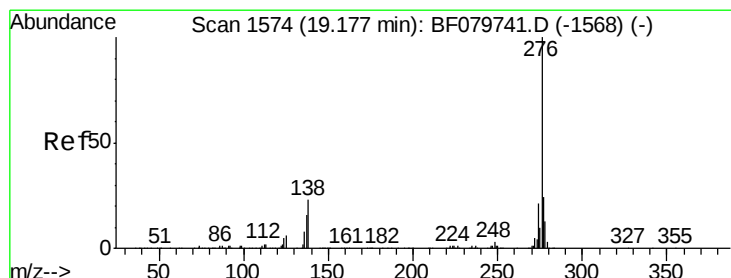
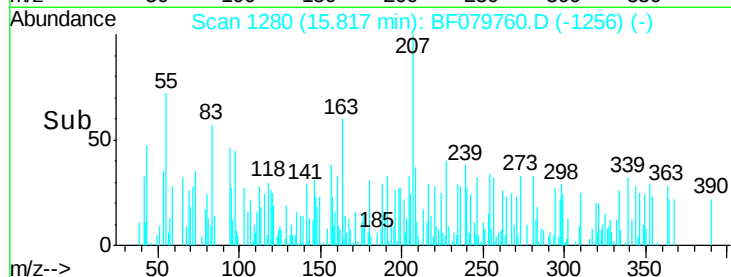
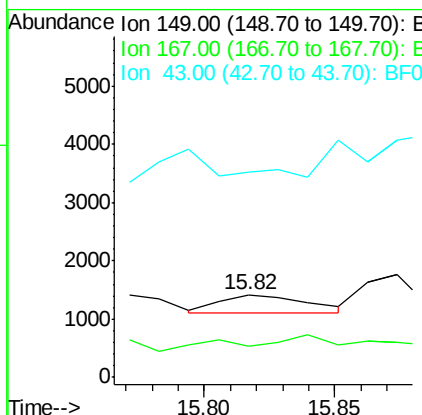
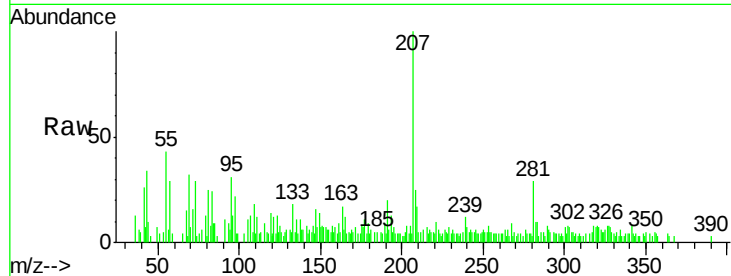




#84
Di-n-octyl phthalate
Concen: 0.04 ng
RT: 15.82 min Scan# 1280
Delta R.T. 0.07 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

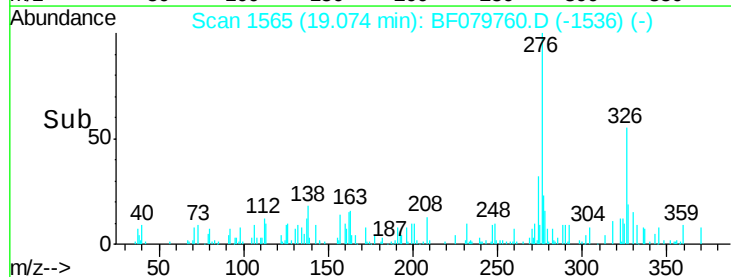
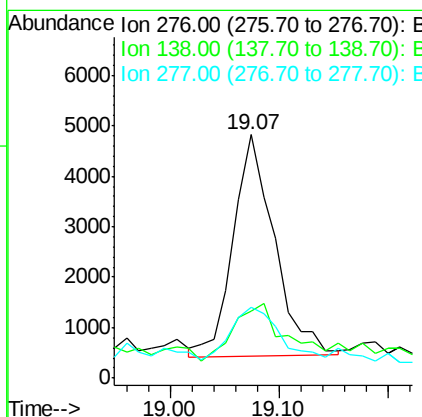
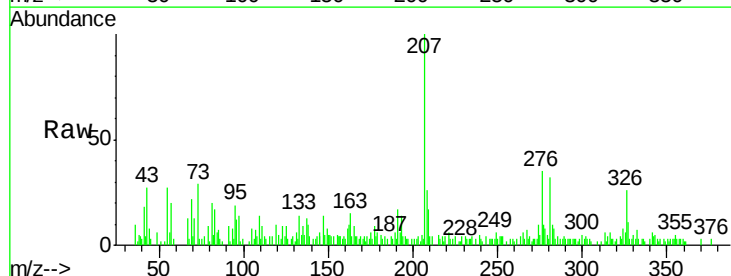
Instrument :
BNA_F
ClientSampleId :
SW-025

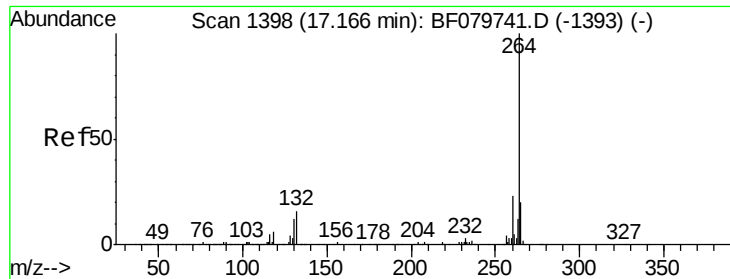
Tot Ion:149 Resp: 741
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 9.0 13.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.63 ng
RT: 19.07 min Scan# 1565
Delta R.T. 0.13 min
Lab File: BF079760.D
Acq: 6 Jun 2015 7:24

Tgt Ion:276 Resp: 11533
Ion Ratio Lower Upper
276 100
138 33.2 20.8 31.2#
277 26.9 20.0 30.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.07 min Scan# 1390

Delta R.T. 0.13 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

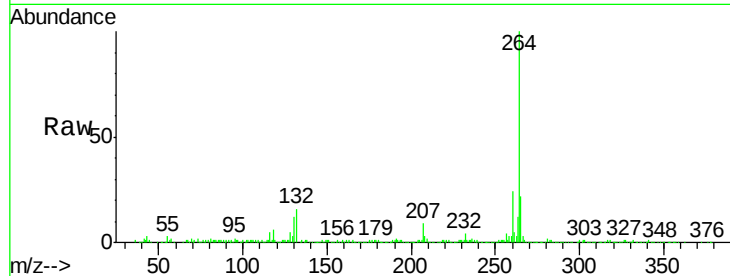
BNA_F

ClientSampleId :

SW-025

Tot Ion:264 Resp: 260458

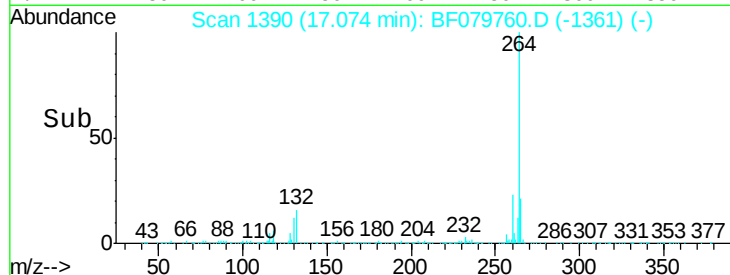
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	18.2	27.4



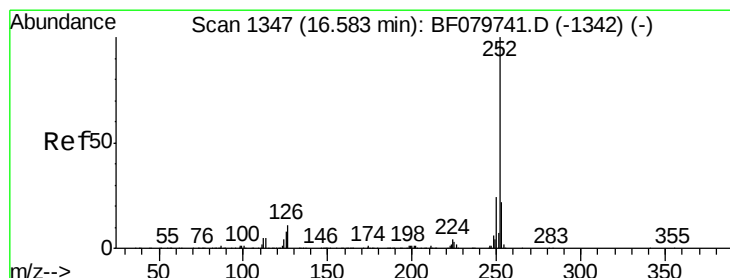
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 16.90 17.00 17.10 17.20



#87

Benzo(b)fluoranthene

Concen: 1.35 ng

RT: 16.49 min Scan# 1339

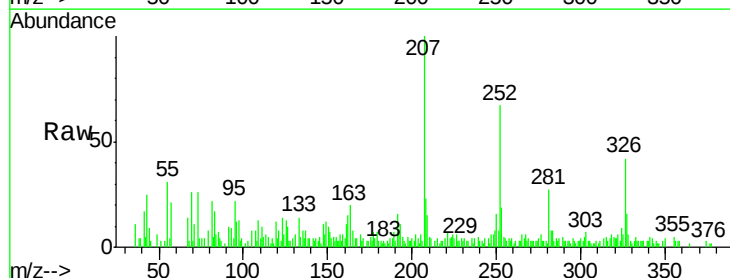
Delta R.T. 0.11 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Tgt Ion:252 Resp: 21872

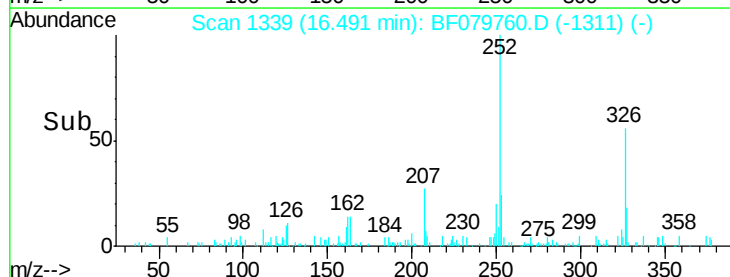
Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.4	26.2#
125	19.5	6.5	9.7#



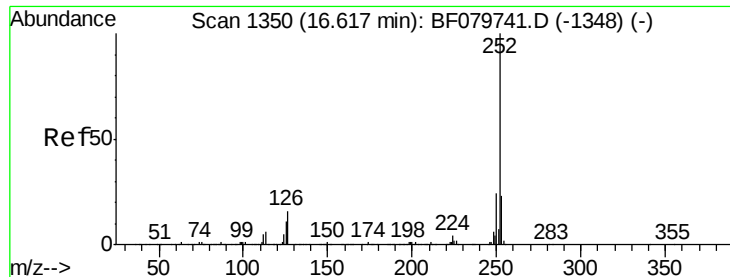
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 16.40 16.50 16.60



#88

Benzo(k)fluoranthene

Concen: 1.41 ng

RT: 16.49 min Scan# 1339

Delta R.T. 0.08 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampled :

SW-025

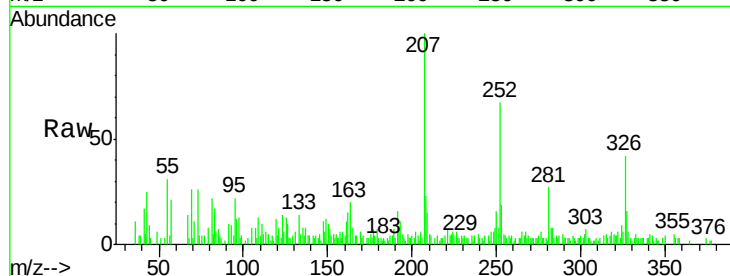
Tot Ion:252 Resp: 21872

Ion Ratio Lower Upper

252 100

253 28.8 17.8 26.8#

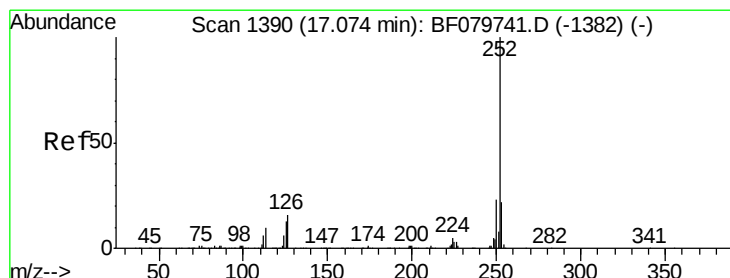
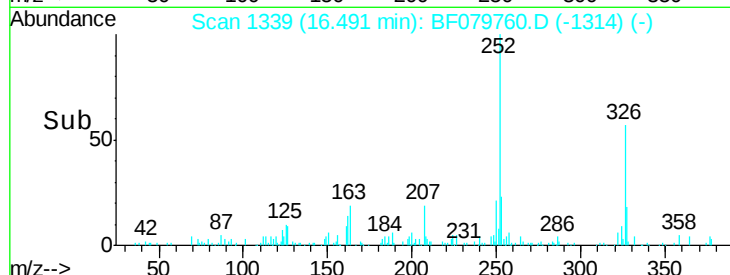
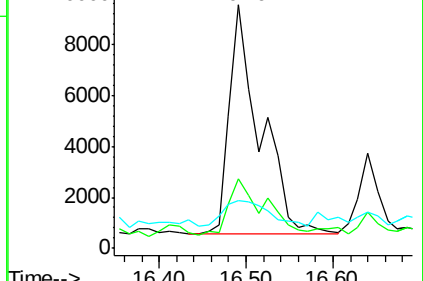
125 19.5 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.80 ng

RT: 16.98 min Scan# 1382

Delta R.T. 0.11 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

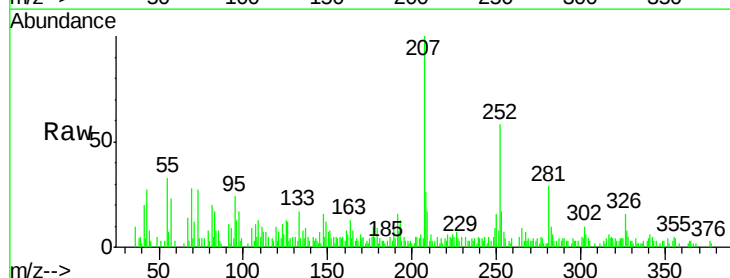
Tgt Ion:252 Resp: 12007

Ion Ratio Lower Upper

252 100

253 28.5 17.6 26.4#

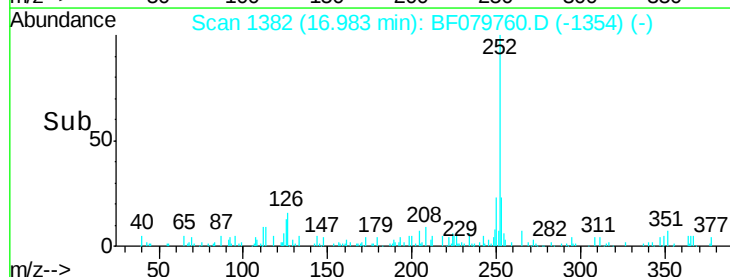
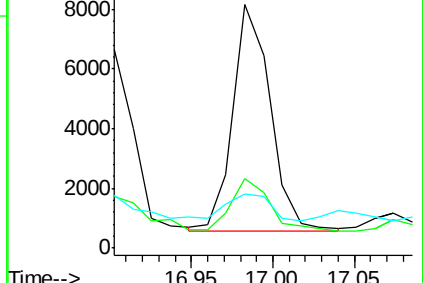
125 22.4 7.4 11.0#

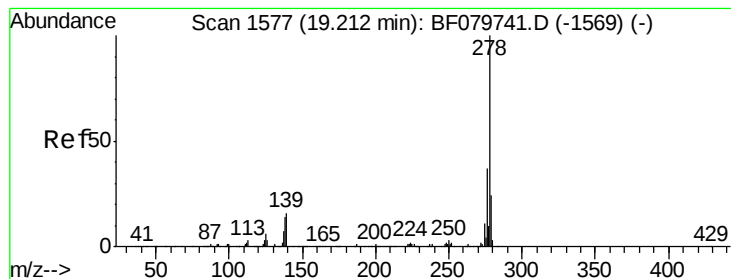


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.50 ng

RT: 19.10 min Scan# 1567

Delta R.T. 0.13 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

Instrument :

BNA_F

ClientSampled :

SW-025

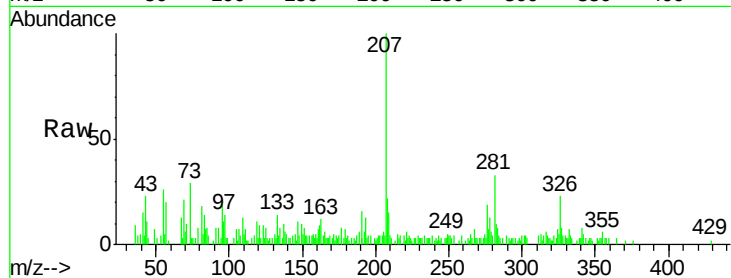
Tot Ion:278 Resp: 7245

Ion Ratio Lower Upper

278 100

139 38.6 12.7 19.1#

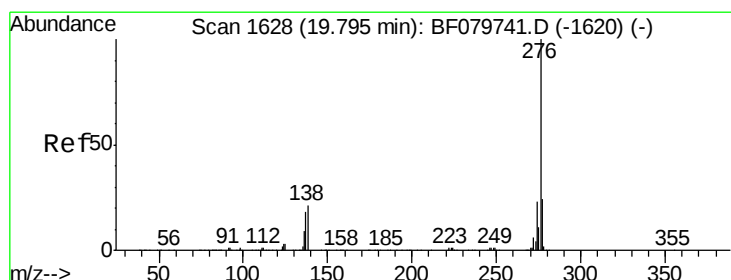
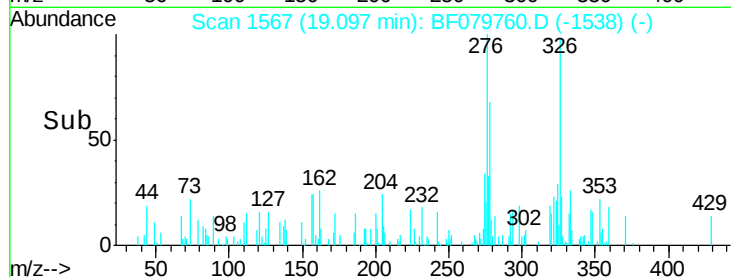
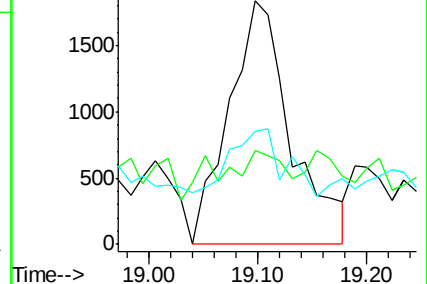
279 46.3 19.4 29.2#



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: 0.91 ng

RT: 19.68 min Scan# 1618

Delta R.T. 0.11 min

Lab File: BF079760.D

Acq: 6 Jun 2015 7:24

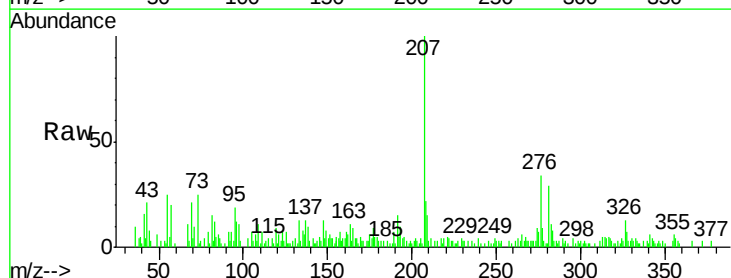
Tgt Ion:276 Resp: 13523

Ion Ratio Lower Upper

276 100

277 27.0 18.8 28.2

138 28.9 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

