

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079753.D
 Acq On : 6 Jun 2015 4:02
 Operator : TP/IZ
 Sample : G2464-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12D

Quant Time: Jun 08 04:43:16 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	51095	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	213984	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	118078	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	222570	20.00	ng	0.00
75) Chrysene-d12	14.99	240	248826	20.00	ng	-0.02
86) Perylene-d12	16.93	264	246734	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	65137	10.68	ng	0.00
7) Phenol-d6	7.07	99	82072	10.42	ng	-0.01
23) Nitrobenzene-d5	8.04	82	41678	5.98	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	18383	8.14	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	106863	6.13	ng	0.00
78) Terphenyl-d14	13.74	244	144978	6.67	ng	-0.01

Target Compounds						Qvalue
3) Pyridine	4.28	79	1844	0.49	ng	# 12
6) Aniline	7.10	93	206	0.04	ng	# 1
9) Benzaldehyde	7.05	77	6099	2.39	ng	# 1
10) Phenol	7.10	94	611	0.14	ng	# 1
11) bis(2-Chloroethyl)ether	7.21	93	223	0.07	ng	# 19
15) Benzyl Alcohol	7.64	79	2431	0.75	ng	# 26
18) Hexachloroethane	8.02	117	17427	13.68	ng	# 1
19) n-Nitroso-di-n-propylamine	7.86	70	302	0.11	ng	# 32
22) Acetophenone	7.88	105	4629	0.91	ng	# 66
24) Nitrobenzene	8.09	77	3785	1.09	ng	# 2
25) Isophorone	8.31	82	1133	0.16	ng	# 1
27) 2,4-Dimethylphenol	8.52	122	221	0.07	ng	# 5
28) bis(2-Chloroethoxy)methane	8.51	93	1267	0.29	ng	# 51
29) 2,4-Dichlorophenol	8.71	162	727	0.25	ng	# 52
31) Naphthalene	8.81	128	2934628	261.41	ng	# 94
32) Benzoic acid	8.52	122	221	4.13	ng	# 1
33) 4-Chloroaniline	8.81	127	463043	81.19	ng	# 35
35) Caprolactam	9.19	113	1031	1.15	ng	# 1
36) 4-Chloro-3-methylphenol	9.35	107	887	0.27	ng	# 1
37) 2-Methylnaphthalene	9.51	142	1362517	190.92	ng	100
45) 1,1'-Biphenyl	9.96	154	267746	26.07	ng	98
46) 2-Chloronaphthalene	10.04	162	15764	1.88	ng	# 54
47) 2-Nitroaniline	10.07	65	4410	2.51	ng	# 52
48) Acenaphthylene	10.42	152	899660	64.88	ng	98
49) Dimethylphthalate	10.24	163	18710	2.06	ng	# 92
50) 2,6-Dinitrotoluene	10.32	165	870	1.74	ng	# 1
51) Acenaphthene	10.59	154	314645	40.07	ng	97
52) 3-Nitroaniline	10.52	138	2096	1.09	ng	# 90
53) 2,4-Dinitrophenol	10.73	184	693	4.67	ng	# 1
54) Dibenzofuran	10.76	168	344806	31.00	ng	97
55) 4-Nitrophenol	10.65	139	5087	3.55	ng	# 58
56) 2,4-Dinitrotoluene	10.72	165	9716	8.09	ng	# 56
57) Fluorene	11.12	166	734962	76.35	ng	98
59) Diethylphthalate	10.95	149	791	0.09	ng	# 1

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079753.D
 Acq On : 6 Jun 2015 4:02
 Operator : TP/IZ
 Sample : G2464-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12D

Quant Time: Jun 08 04:43:16 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

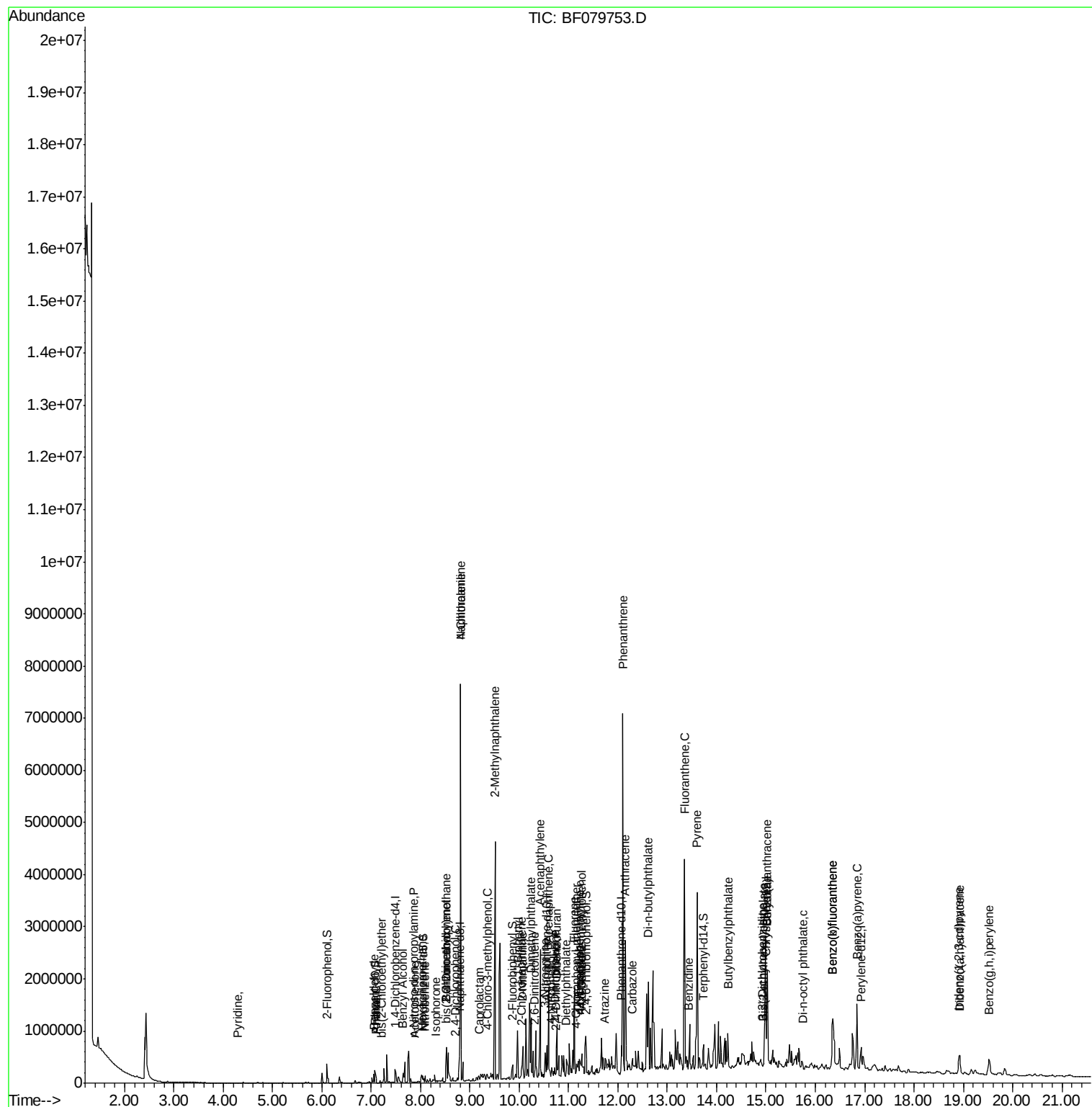
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenylether	11.14	204	208	0.05	nq	# 1
61) 4-Nitroaniline	11.22	138	1865	0.93	nq	94
62) Azobenzene	11.27	77	7381	0.82	nq	# 1
64) 4,6-Dinitro-2-methylphenol	11.27	198	433	0.62	nq	# 1
65) n-Nitrosodiphenylamine	11.22	169	42801	5.76	nq	# 1
68) Atrazine	11.73	200	208	0.09	nq	# 1
70) Phenanthrene	12.10	178	2599825	199.51	nq	95
71) Anthracene	12.15	178	943762	73.45	nq	98
72) Carbazole	12.30	167	111655	9.14	nq	95
73) Di-n-butylphthalate	12.62	149	3172	0.23	nq	# 1
74) Fluoranthene	13.35	202	1635741	114.65	nq	98
76) Benzidine	13.44	184	1552	0.20	nq	# 1
77) Pyrene	13.60	202	1989599	130.42	nq	98
79) Butylbenzylphthalate	14.23	149	1086	0.18	nq	# 32
80) Benzo(a)anthracene	15.03	228	741002	48.65	nq	96
81) 3,3'-Dichlorobenzidine	14.93	252	1018	0.20	nq	# 59
82) Chrysene	15.03	228	745977	52.98	nq	99
83) Bis(2-ethylhexyl)phthalate	14.94	149	2309	0.24	nq	# 85
84) Di-n-octyl phthalate	15.75	149	667	0.04	nq	# 41
85) Indeno(1,2,3-cd)pyrene	18.91	276	307299	18.85	nq	96
87) Benzo(b)fluoranthene	16.35	252	1006062	65.64	nq	# 96
88) Benzo(k)fluoranthene	16.35	252	1006062	68.44	nq	99
89) Benzo(a)pyrene	16.85	252	742315	52.46	nq	98
90) Dibenzo(a,h)anthracene	18.93	278	84591	6.19	nq	# 87
91) Benzo(g,h,i)perylene	19.52	276	310300	21.98	nq	97

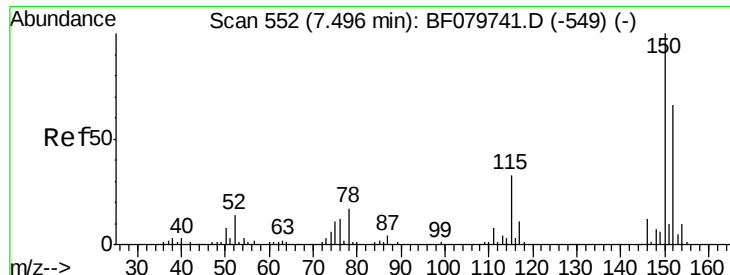
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079753.D
Acq On : 6 Jun 2015 4:02
Operator : TP/IZ
Sample : G2464-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12D

Quant Time: Jun 08 04:43:16 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



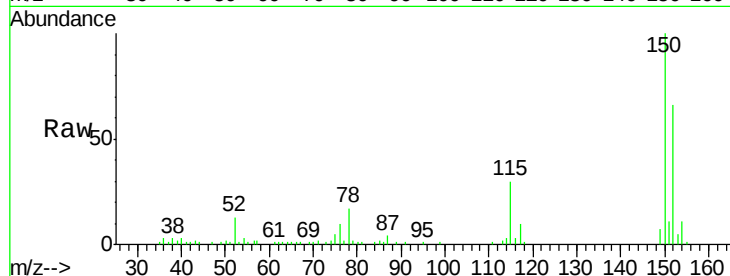


#1

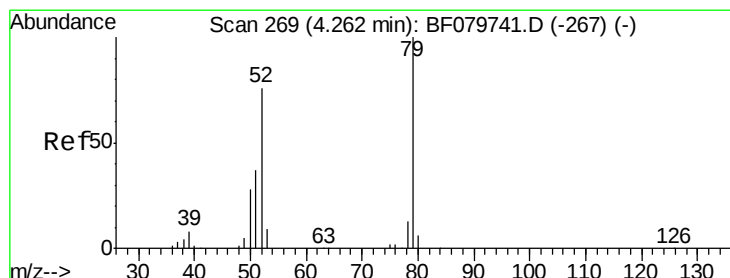
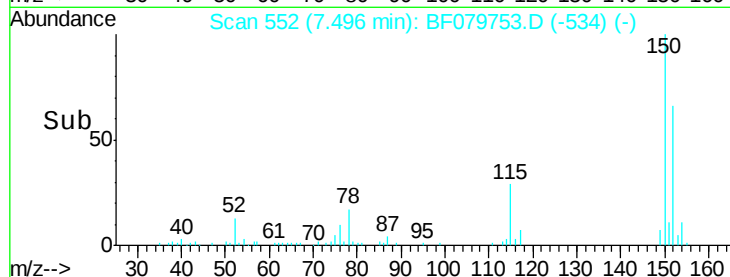
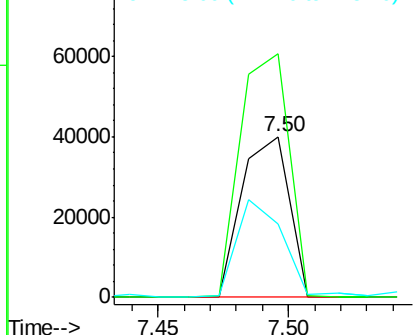
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Instrument :
BNA_F
ClientSampleId :
SB-12D

Tot Ion:152 Resp: 51095
Ion Ratio Lower Upper
152 100
150 151.5 128.1 192.1
115 45.6 49.7 74.5#



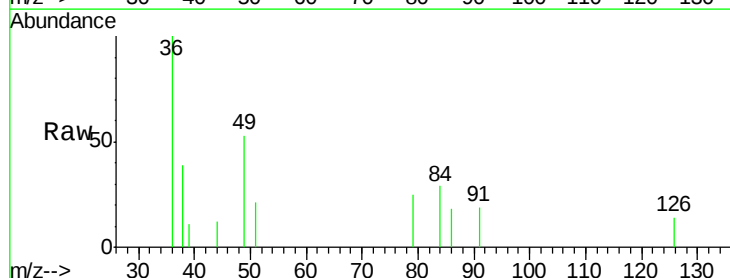
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



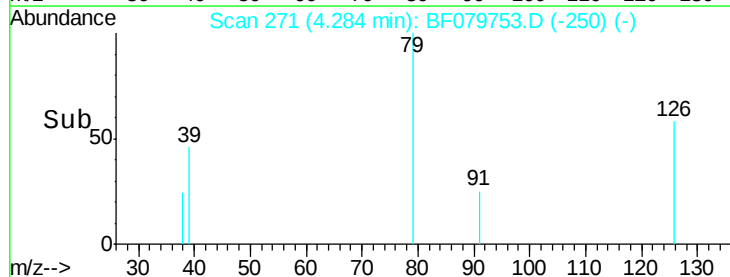
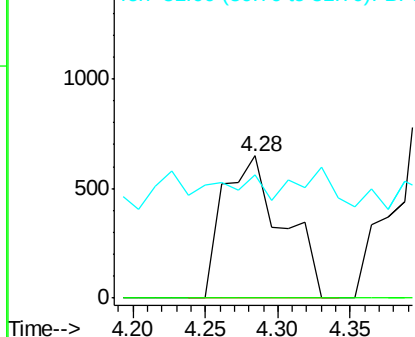
#3

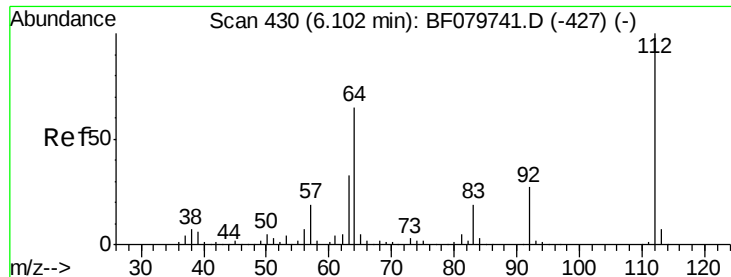
Pyridine
Concen: 0.49 ng
RT: 4.28 min Scan# 271
Delta R.T. 0.03 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion: 79 Resp: 1844
Ion Ratio Lower Upper
79 100
52 0.0 63.1 94.7#
51 86.4 29.3 43.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 10.68 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

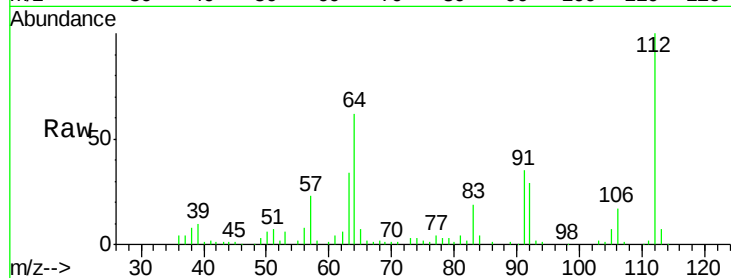
Tot Ion:112 Resp: 65137

Ion Ratio Lower Upper

112 100

64 61.7 49.6 74.4

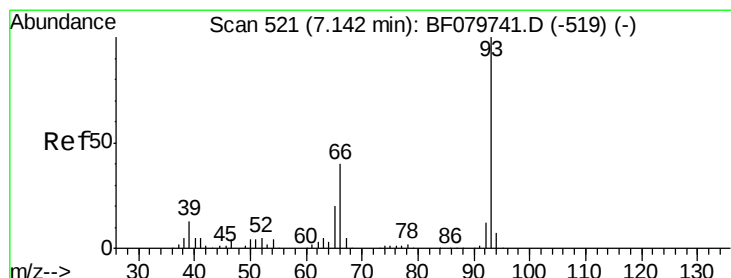
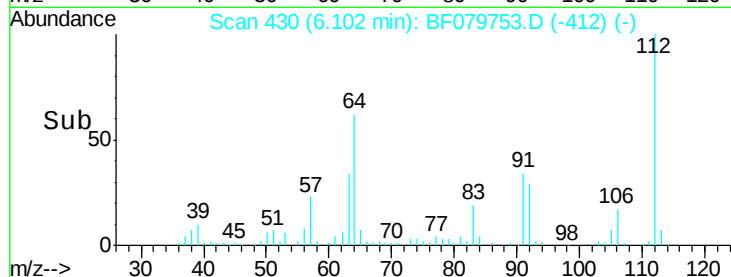
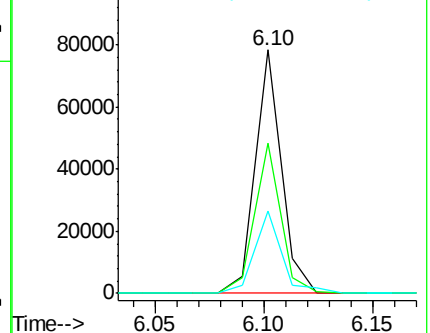
63 33.9 24.9 37.3



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: 7.10 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

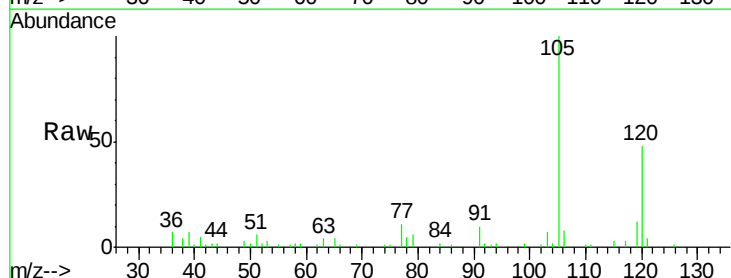
Tgt Ion: 93 Resp: 206

Ion Ratio Lower Upper

93 100

66 115.0 30.3 45.5#

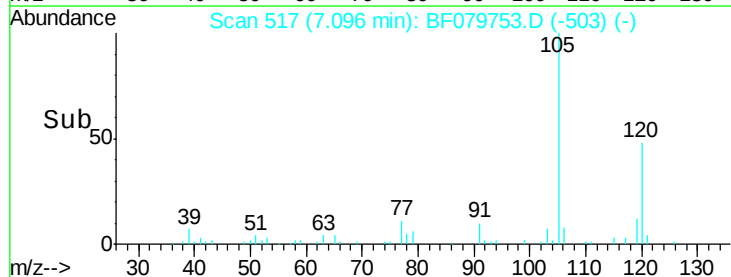
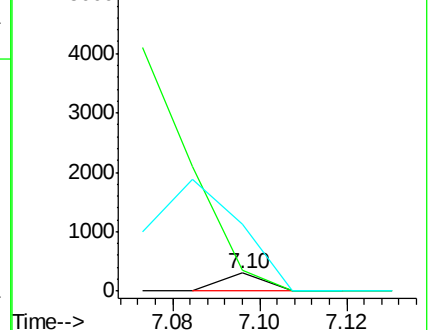
65 371.4 15.8 23.6#

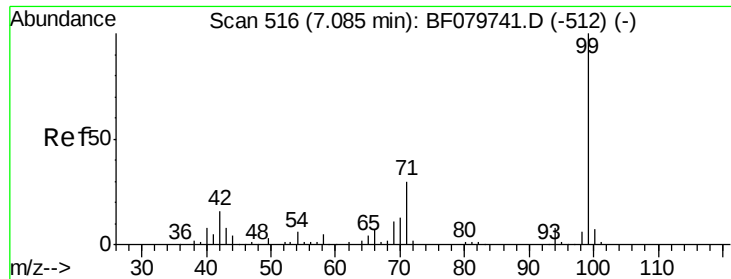


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 10.42 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampled :

SB-12D

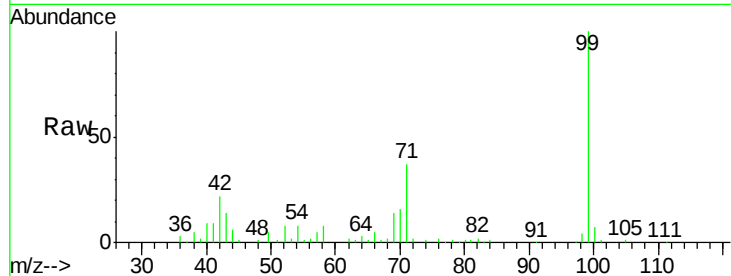
Tot Ion: 99 Resp: 82072

Ion Ratio Lower Upper

99 100

42 21.8 18.0 27.0

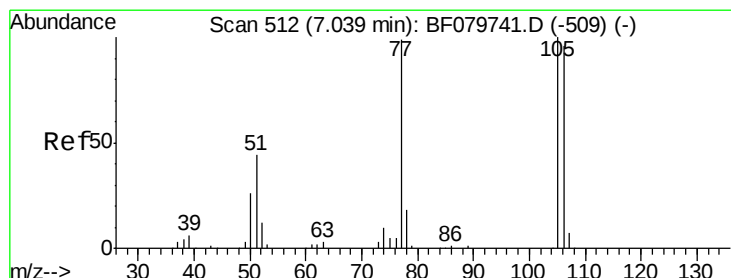
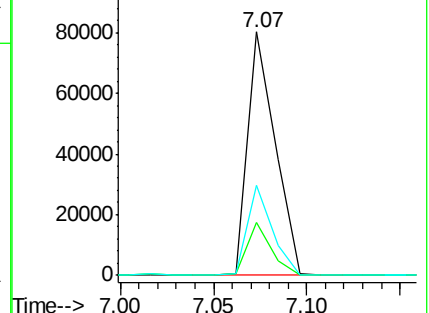
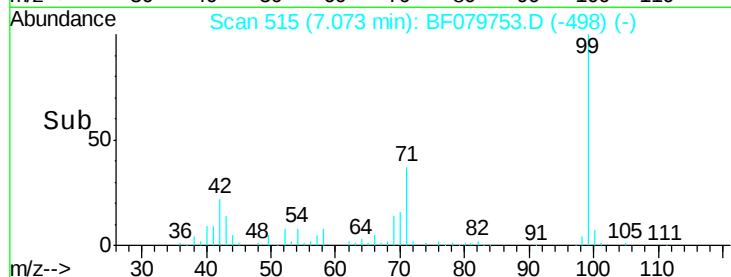
71 37.1 28.4 42.6



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: 2.39 ng

RT: 7.05 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

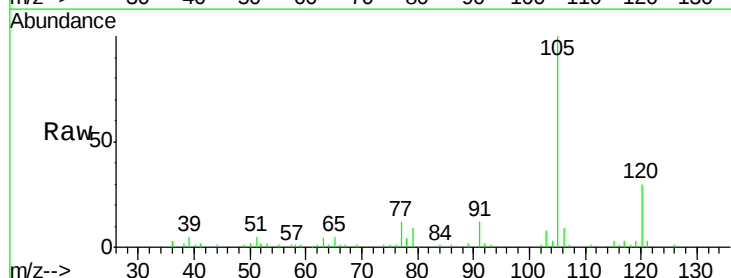
Tgt Ion: 77 Resp: 6099

Ion Ratio Lower Upper

77 100

105 849.7 66.1 106.1#

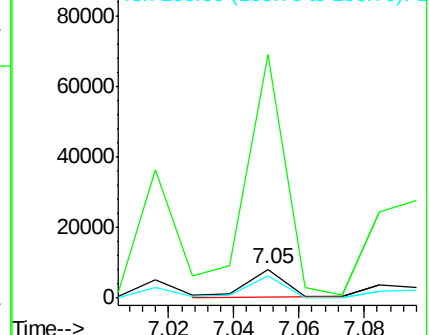
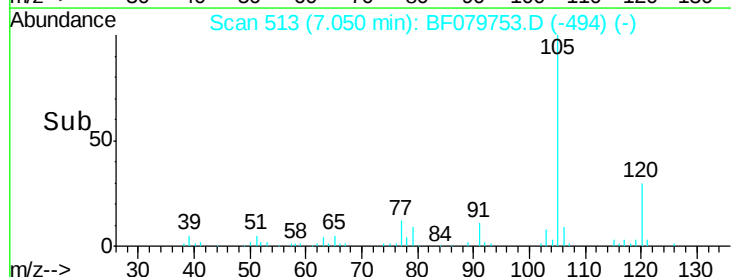
106 75.6 61.9 101.9

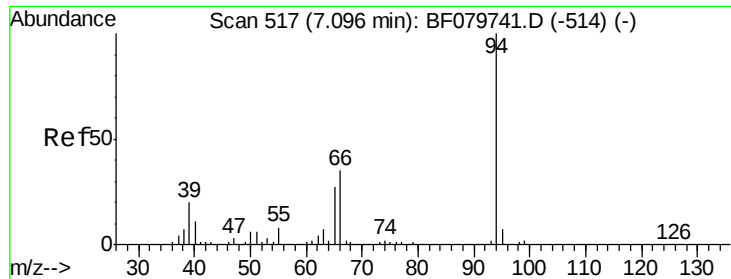


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

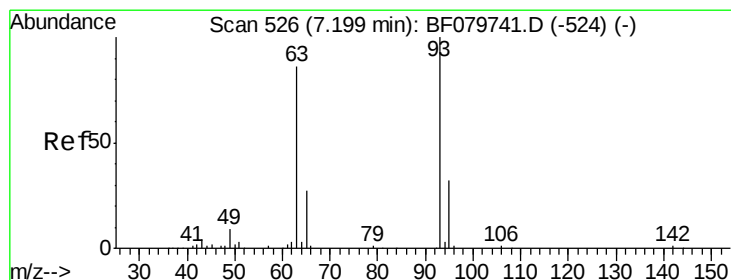
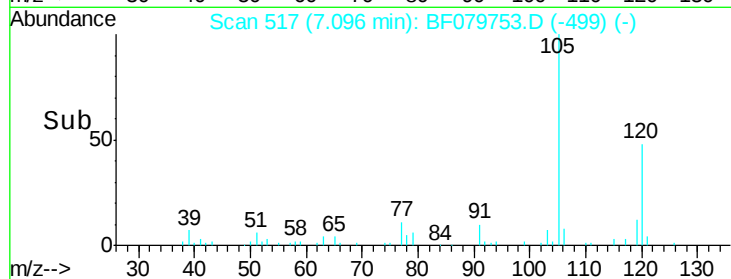
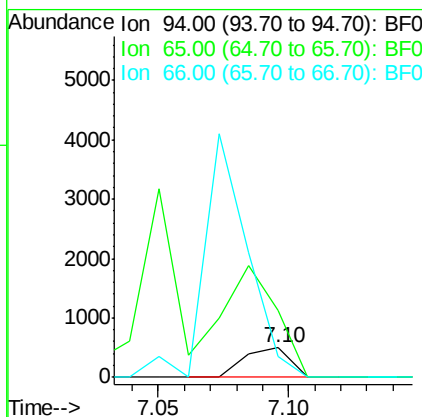
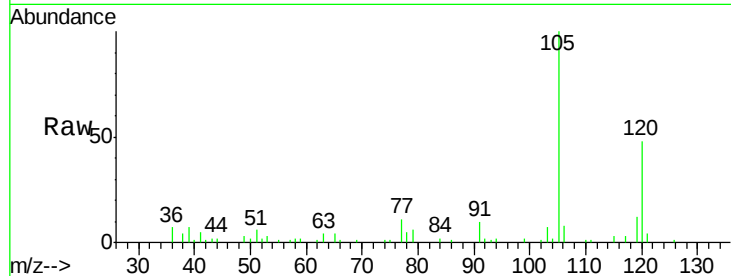




#10
Phenol
Concen: 0.14 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

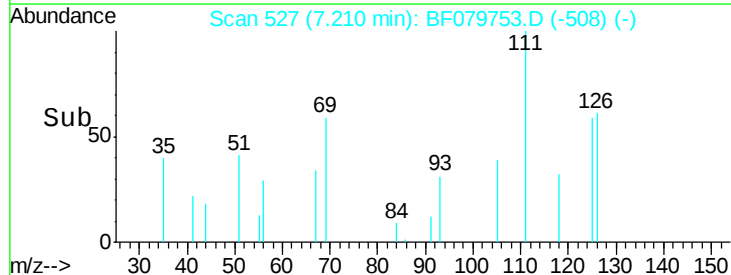
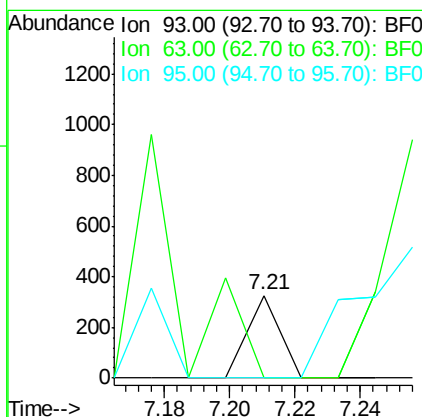
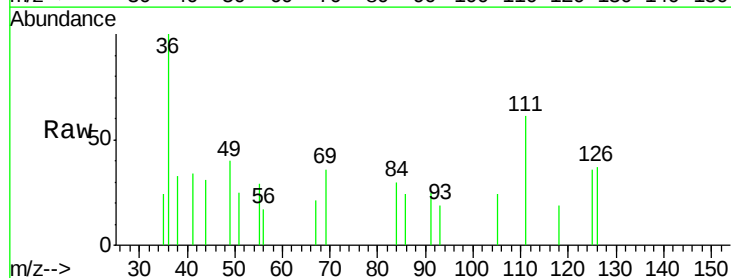
Instrument :
BNA_F
ClientSampleId :
SB-12D

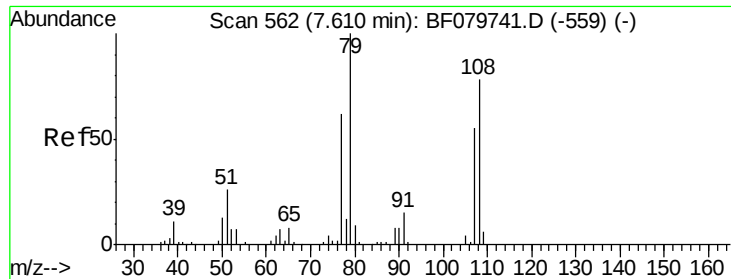
Tot Ion: 94 Resp: 611
Ion Ratio Lower Upper
94 100
65 226.8 5.3 45.3#
66 70.2 11.3 51.3#



#11
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.21 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion: 93 Resp: 223
Ion Ratio Lower Upper
93 100
63 0.0 58.7 98.7#
95 0.0 12.9 52.9#

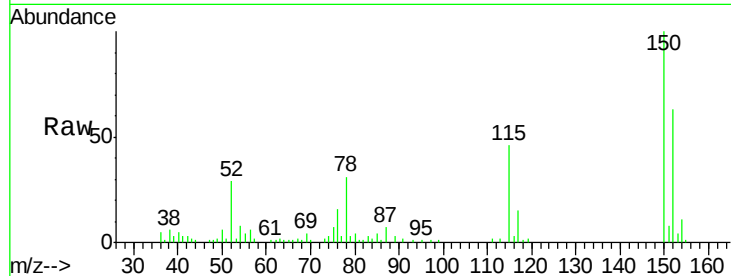




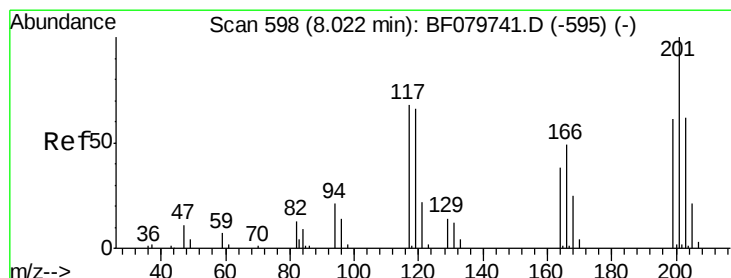
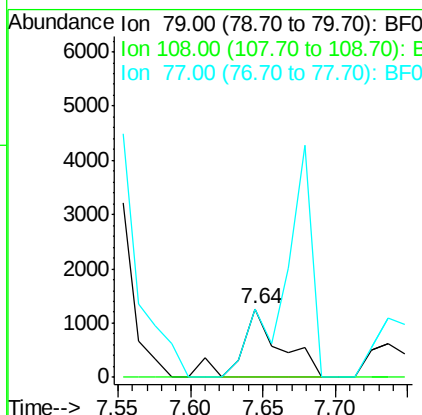
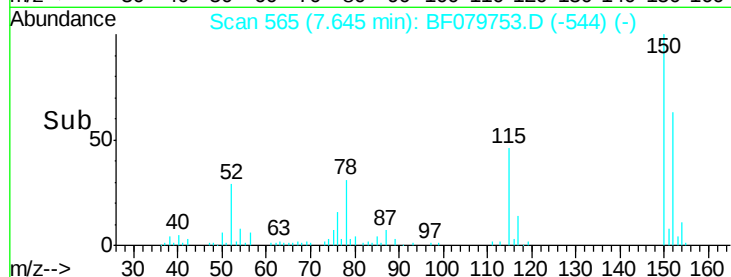
#15
Benzyl Alcohol
Concen: 0.75 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Instrument :
BNA_F
ClientSampleID :
SB-12D

Tot Ion: 79 Resp: 2431
Ion Ratio Lower Upper
79 100
108 0.0 68.4 102.6#
77 98.4 50.0 75.0#

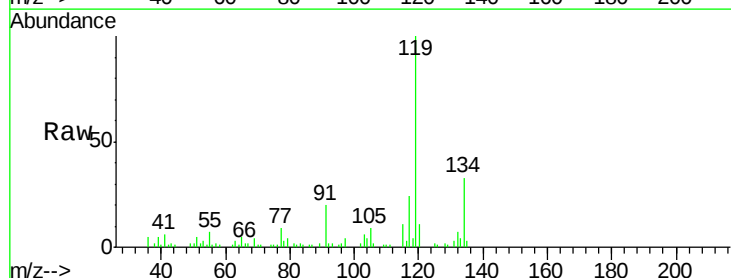


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

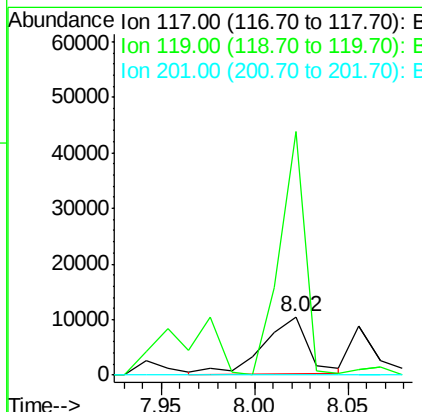
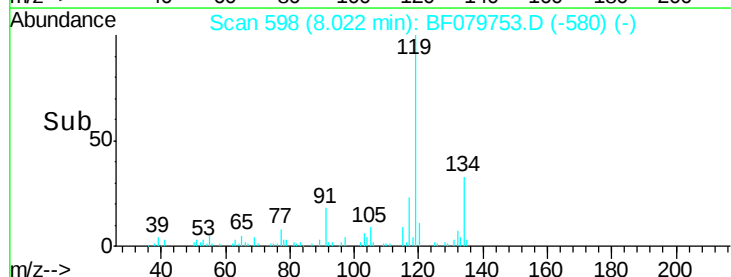


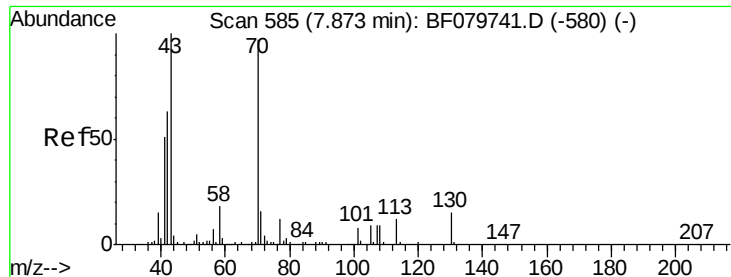
#18
Hexachloroethane
Concen: 13.68 ng
RT: 8.02 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion: 117 Resp: 17427
Ion Ratio Lower Upper
117 100
119 418.5 75.5 113.3#
201 0.0 66.4 99.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 0.11 ng

RT: 7.86 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

Tot Ion: 70 Resp: 302

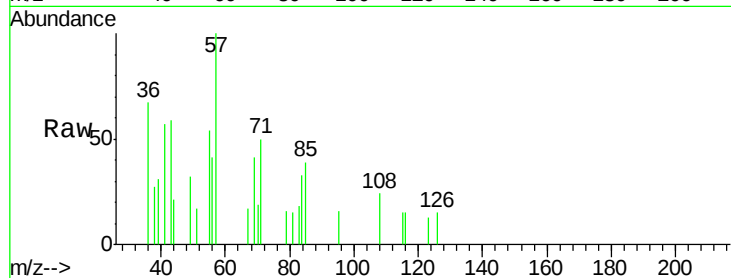
Ion Ratio Lower Upper

70 100

42 0.0 51.1 76.7#

101 0.0 7.0 10.6#

130 0.0 13.3 19.9#

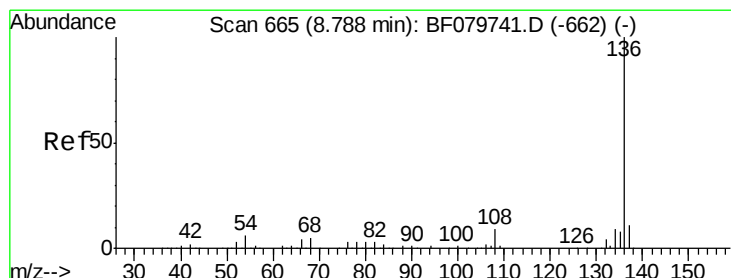
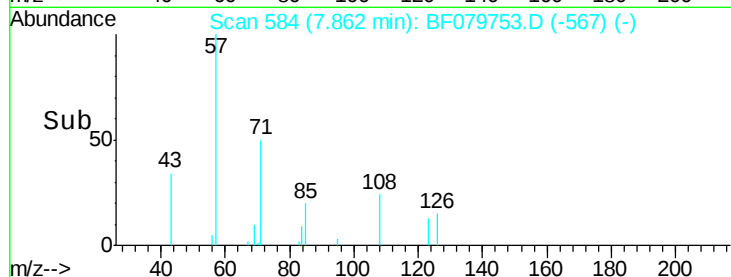
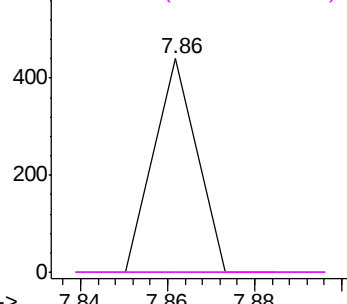


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Tgt Ion:136 Resp: 213984

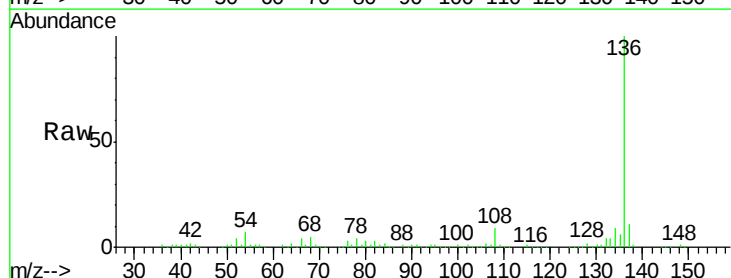
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 8.7 13.1#

68 5.2 5.8 8.8#

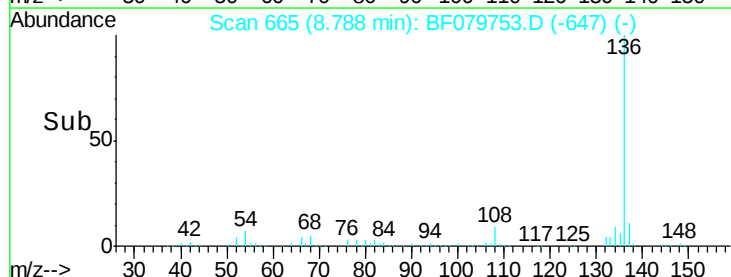
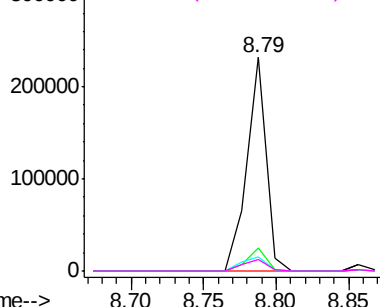


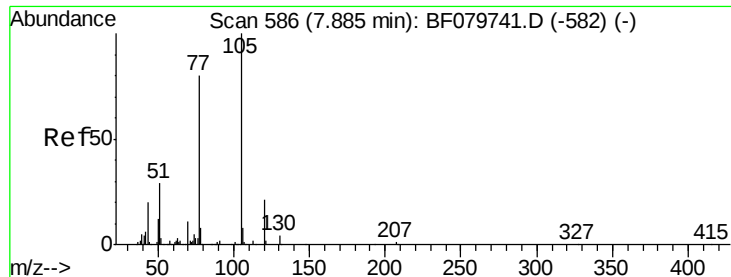
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

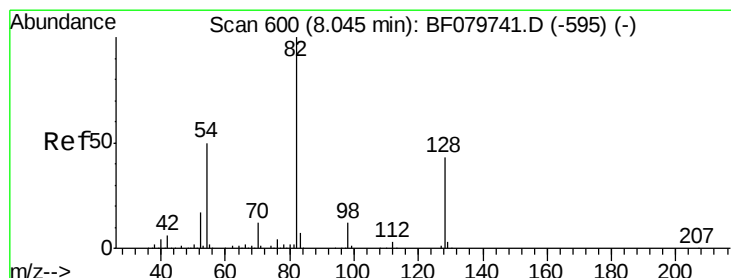
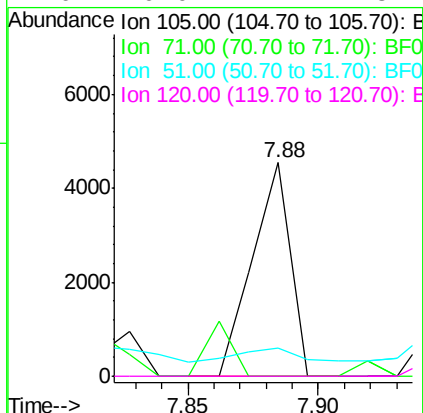
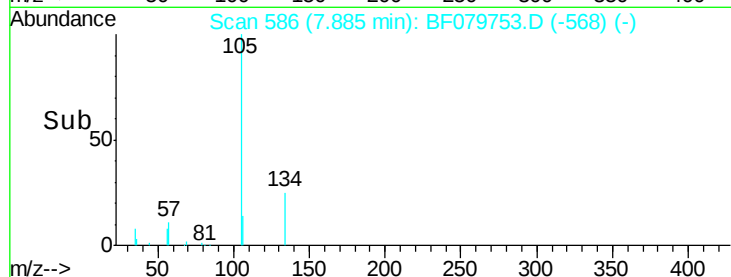
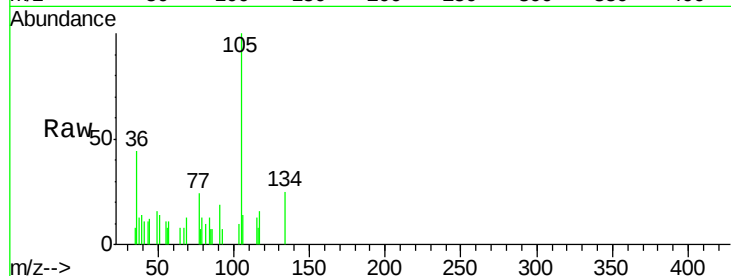




#22
Acetophenone
Concen: 0.91 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

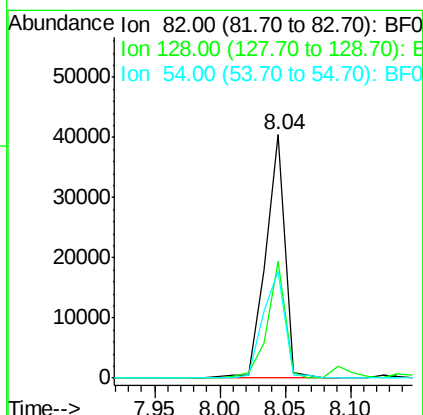
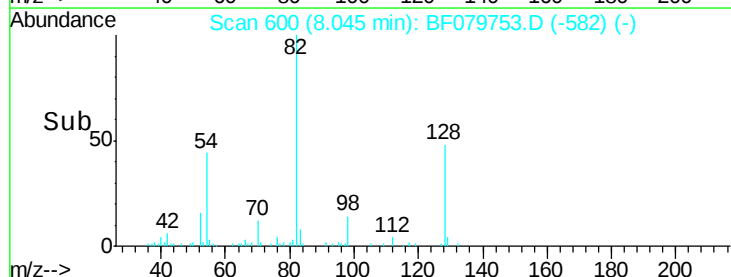
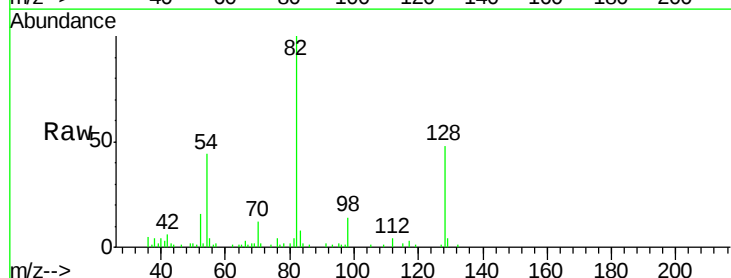
Instrument :
BNA_F
ClientSampleId :
SB-12D

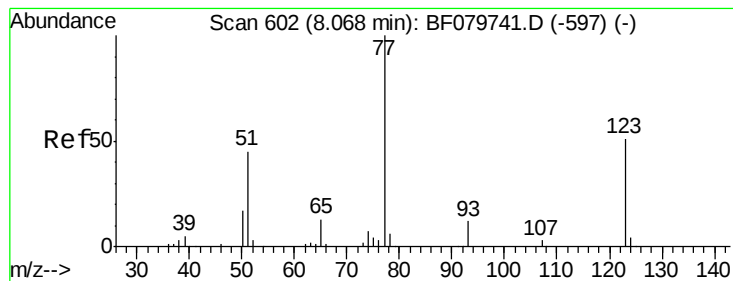
Tot Ion:105 Resp: 4629
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 13.5 21.3 31.9#
120 0.0 17.1 25.7#



#23
Nitrobenzene-d5
Concen: 5.98 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion: 82 Resp: 41678
Ion Ratio Lower Upper
82 100
128 47.9 37.6 56.4
54 43.7 39.4 59.2





#24

Nitrobenzene

Concen: 1.09 ng

RT: 8.09 min Scan# 604

Delta R.T. 0.02 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

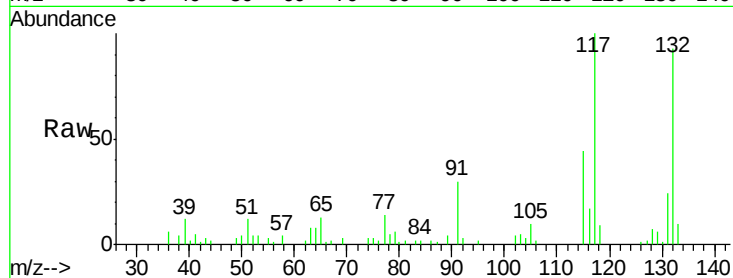
Tot Ion: 77 Resp: 3785

Ion Ratio Lower Upper

77 100

123 0.0 28.1 42.1#

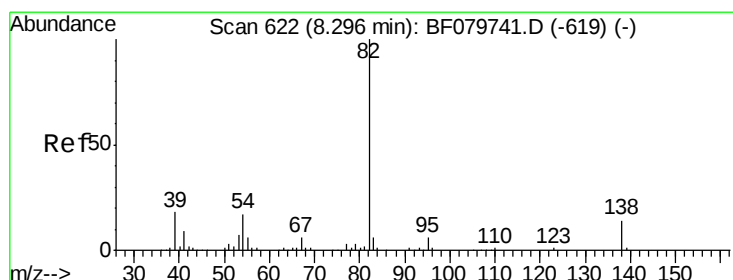
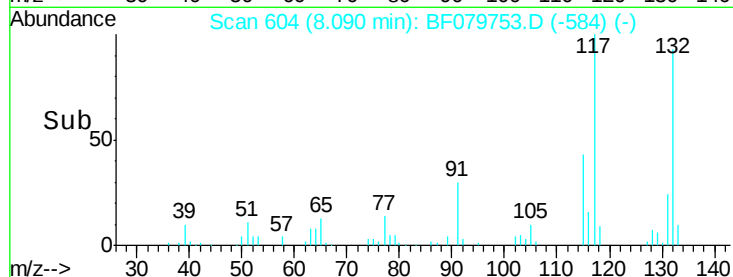
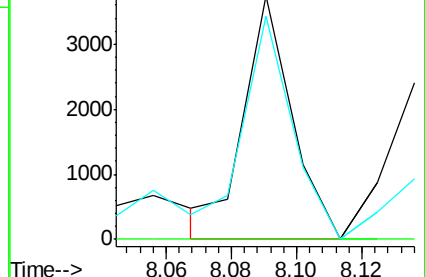
65 91.7 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.16 ng

RT: 8.31 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

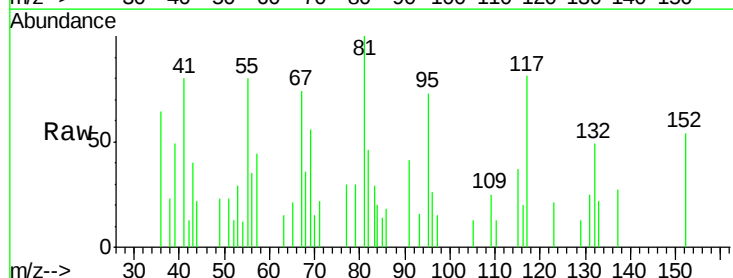
Tgt Ion: 82 Resp: 1133

Ion Ratio Lower Upper

82 100

95 160.7 5.3 7.9#

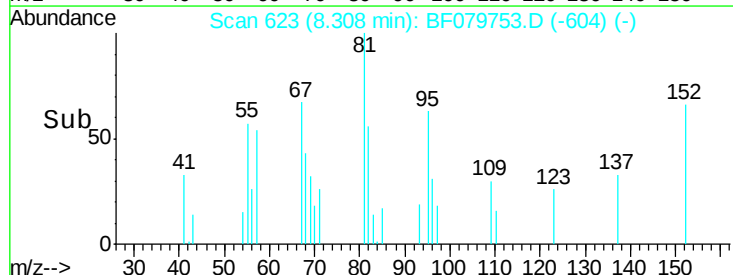
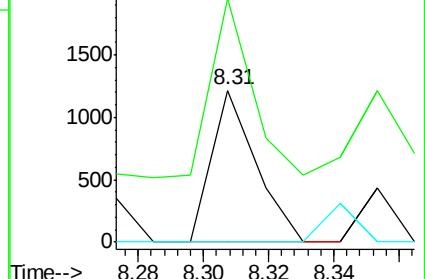
138 0.0 13.0 19.4#

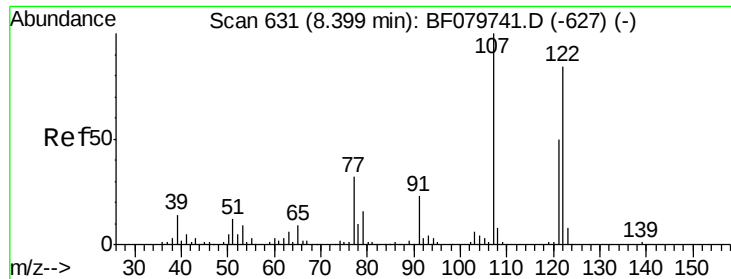


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

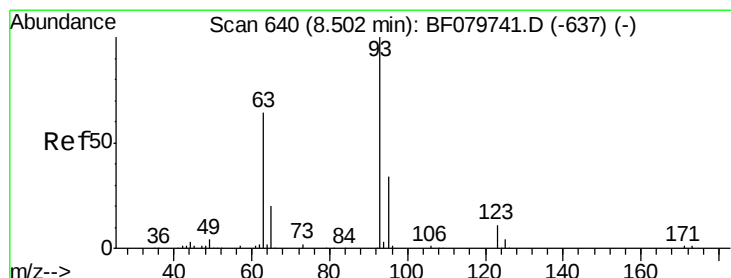
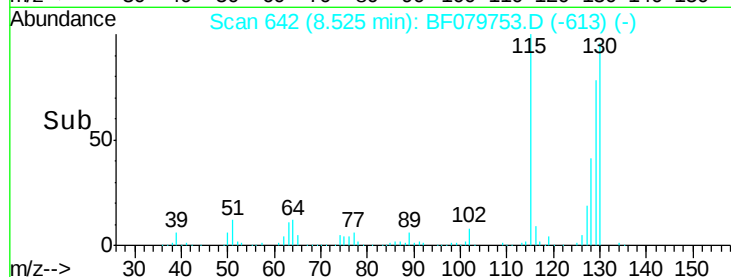
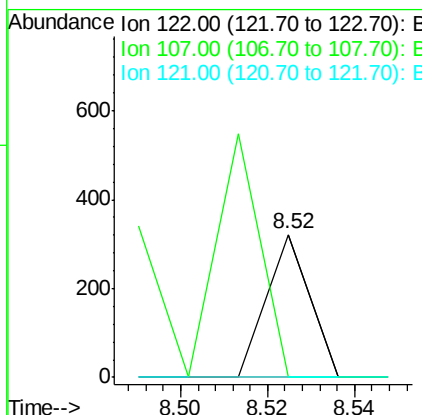
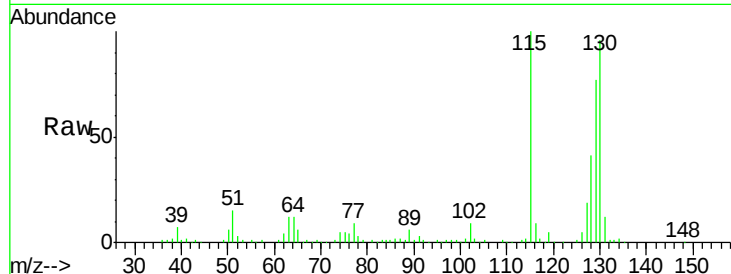




#27
 2,4-Dimethylphenol
 Concen: 0.07 ng
 RT: 8.52 min Scan# 642
 Delta R.T. 0.13 min
 Lab File: BF079753.D
 Acq: 6 Jun 2015 4:02

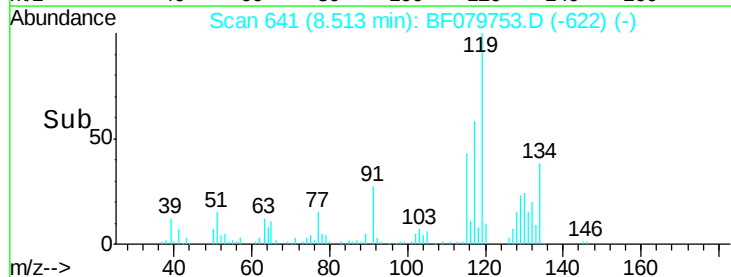
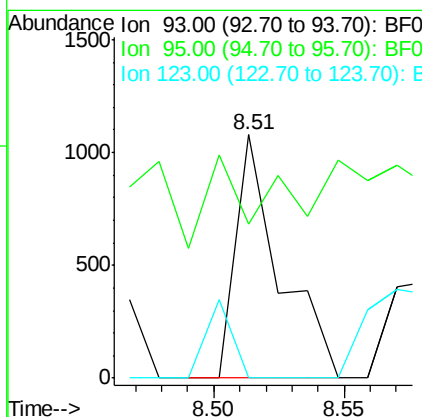
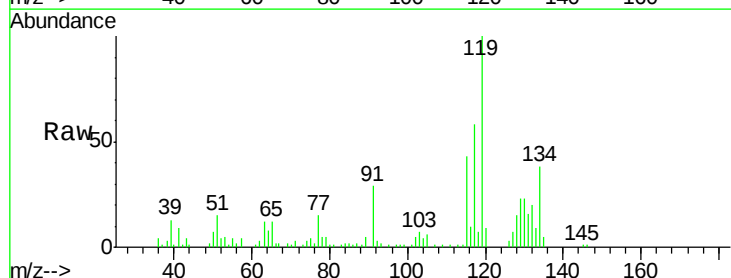
Instrument :
 BNA_F
 ClientSampled :
 SB-12D

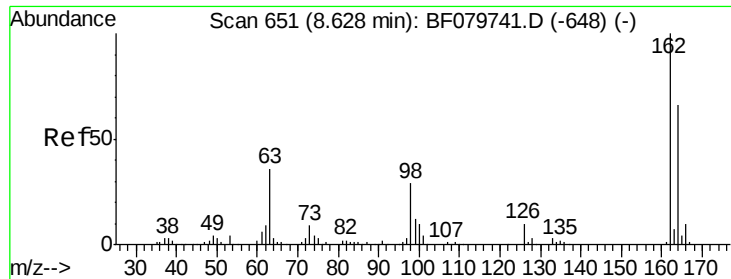
Tot Ion:122 Resp: 221
 Ion Ratio Lower Upper
 122 100
 107 0.0 88.5 132.7#
 121 0.0 46.5 69.7#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.29 ng
 RT: 8.51 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF079753.D
 Acq: 6 Jun 2015 4:02

Tgt Ion: 93 Resp: 1267
 Ion Ratio Lower Upper
 93 100
 95 63.2 25.5 38.3#
 123 0.0 7.3 10.9#

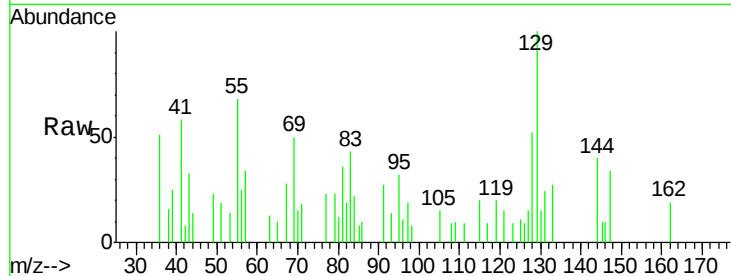




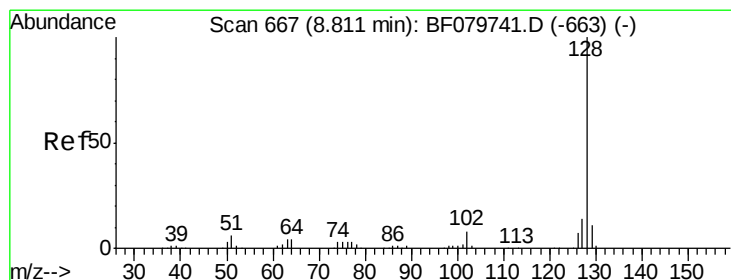
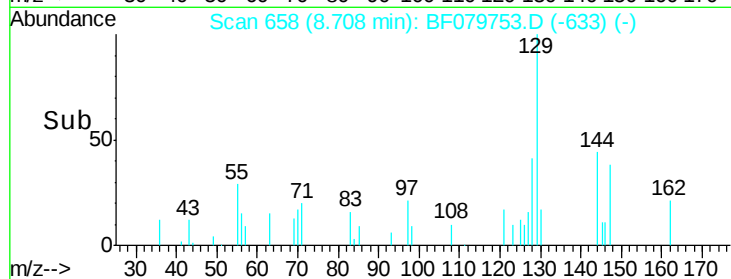
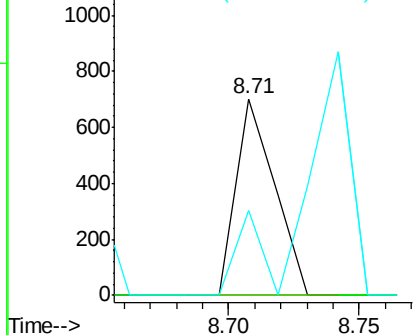
#29
2,4-Dichlorophenol
Concen: 0.25 ng
RT: 8.71 min Scan# 658
Delta R.T. 0.08 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Instrument :
BNA_F
ClientSampleId :
SB-12D

Tot Ion:162 Resp: 727
Ion Ratio Lower Upper
162 100
164 0.0 42.8 82.8#
98 43.0 23.2 63.2

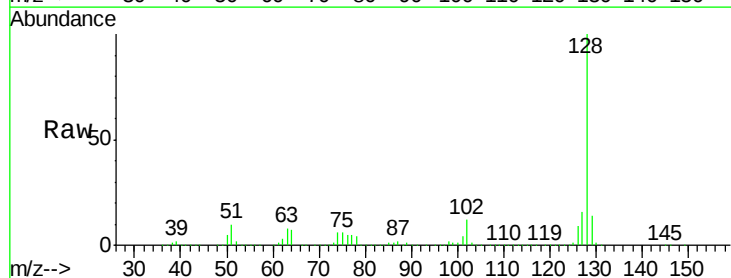


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

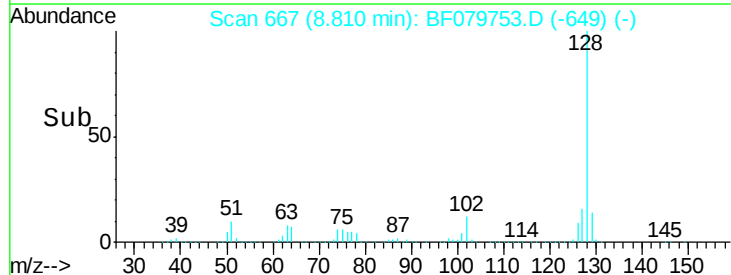
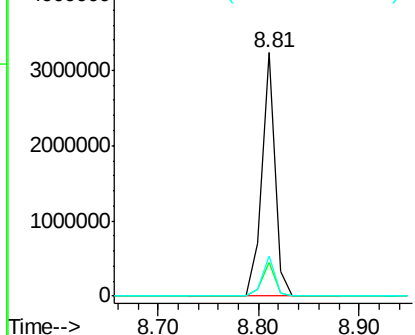


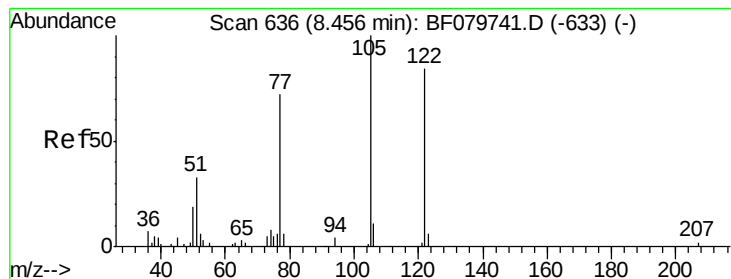
#31
Naphthalene
Concen: 261.41 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion:128 Resp: 2934628
Ion Ratio Lower Upper
128 100
129 13.7 9.4 14.2
127 16.4 10.7 16.1#



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





#32

Benzoic acid

Concen: 4.13 ng

RT: 8.52 min Scan# 642

Delta R.T. 0.06 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

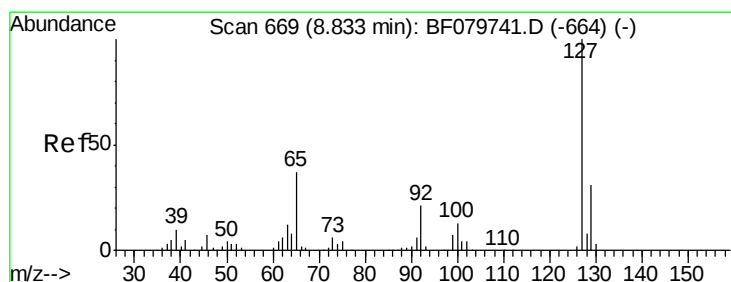
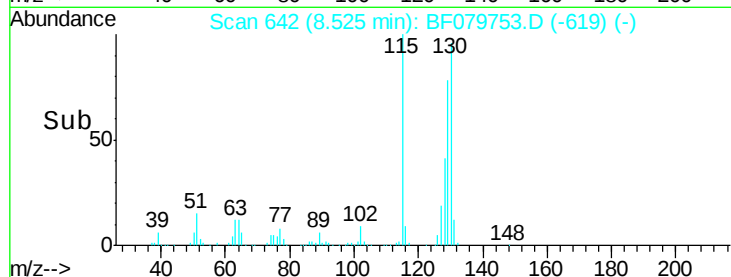
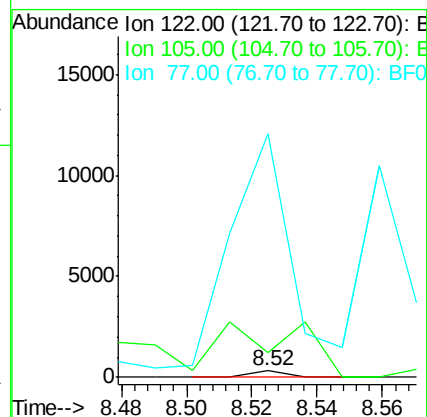
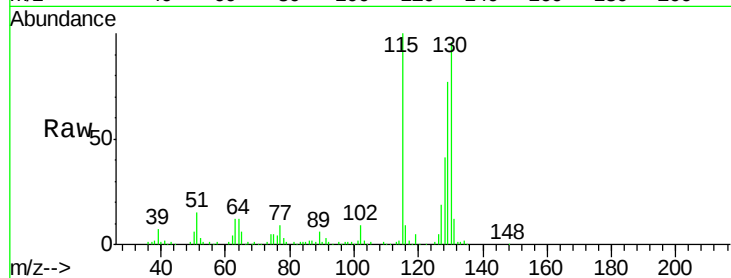
Tot Ion:122 Resp: 221

Ion Ratio Lower Upper

122 100

105 378.0 106.7 146.7#

77 3745.7 68.9 108.9#



#33

4-Chloroaniline

Concen: 81.19 ng

RT: 8.81 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Tgt Ion:127 Resp: 463043

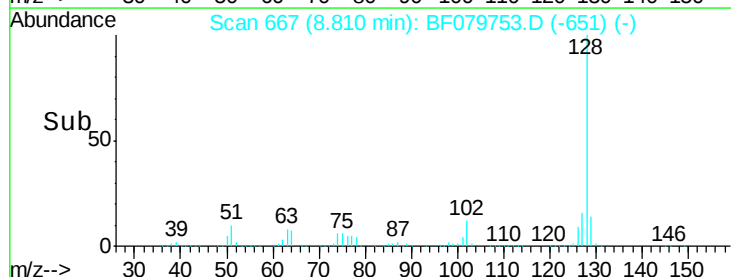
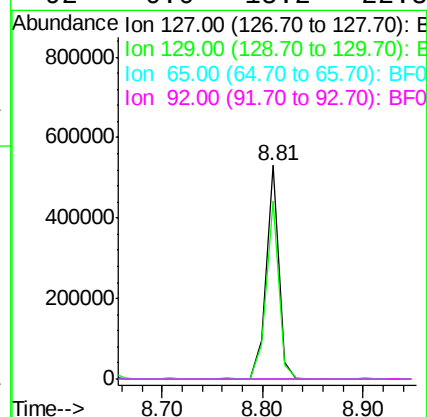
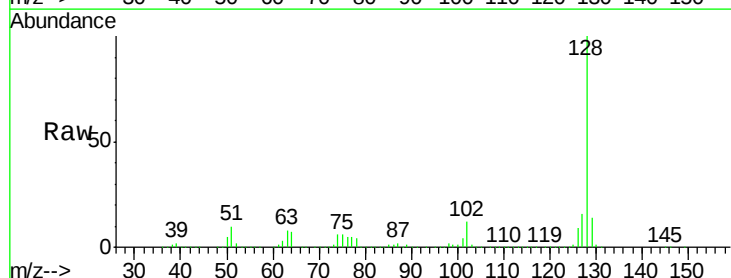
Ion Ratio Lower Upper

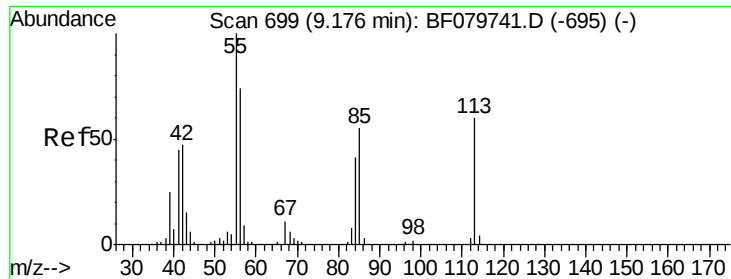
127 100

129 83.2 26.8 40.2#

65 0.0 22.9 34.3#

92 0.0 15.2 22.8#

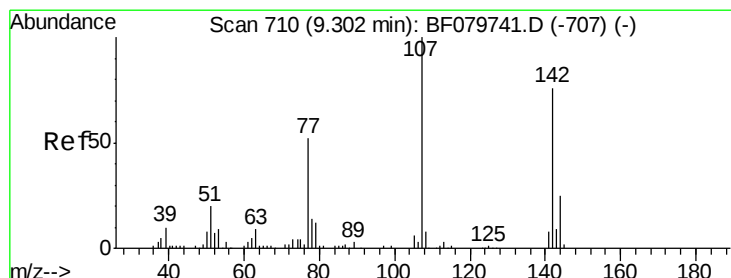
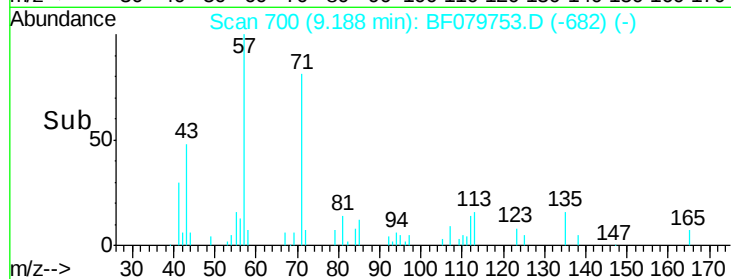
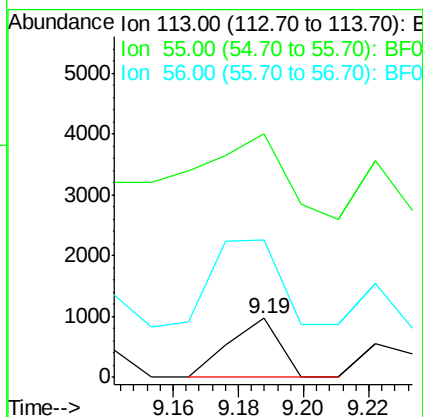
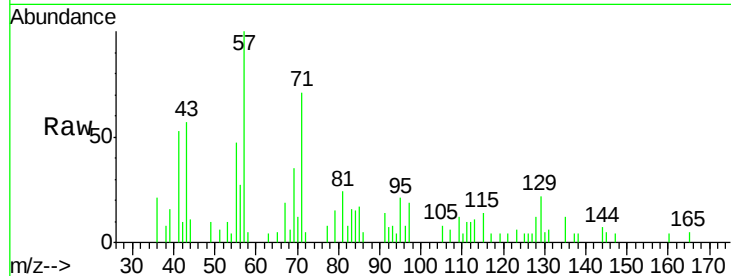




#35
Caprolactam
Concen: 1.15 ng
RT: 9.19 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

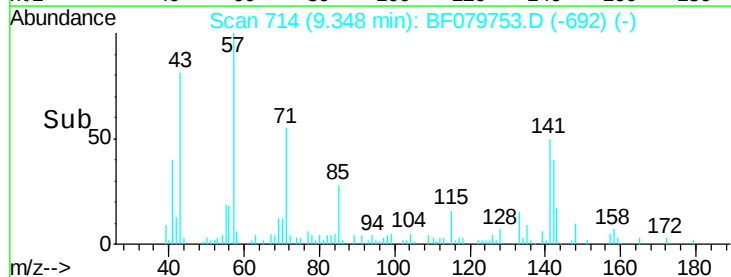
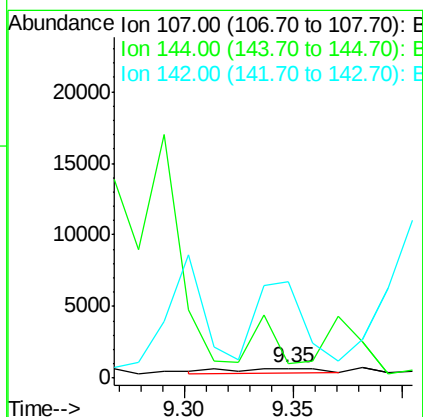
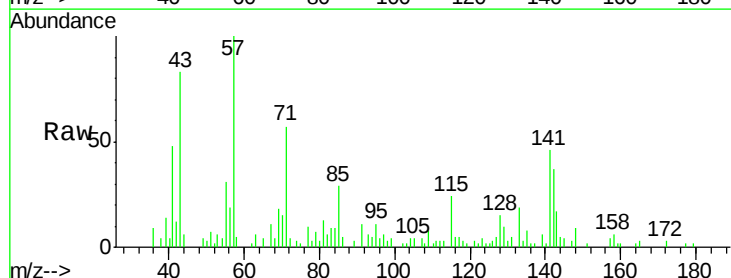
Instrument :
BNA_F
ClientSampleId :
SB-12D

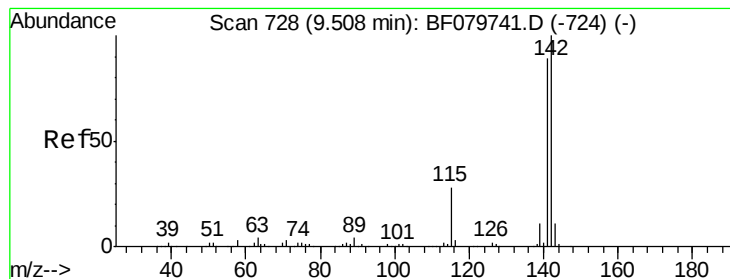
Tot Ion:113 Resp: 1031
Ion Ratio Lower Upper
113 100
55 414.9 186.6 226.6#
56 233.1 137.8 177.8#



#36
4-Chloro-3-methylphenol
Concen: 0.27 ng
RT: 9.35 min Scan# 714
Delta R.T. 0.05 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion:107 Resp: 887
Ion Ratio Lower Upper
107 100
144 142.8 24.5 36.7#
142 982.7 74.6 112.0#

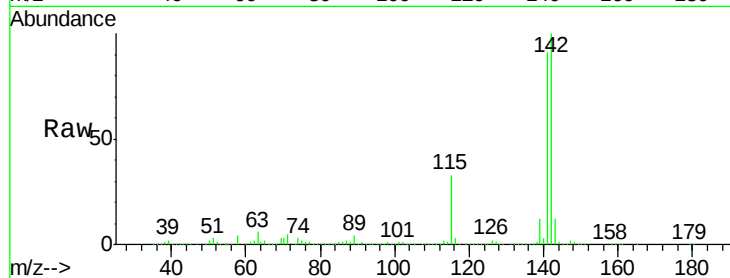




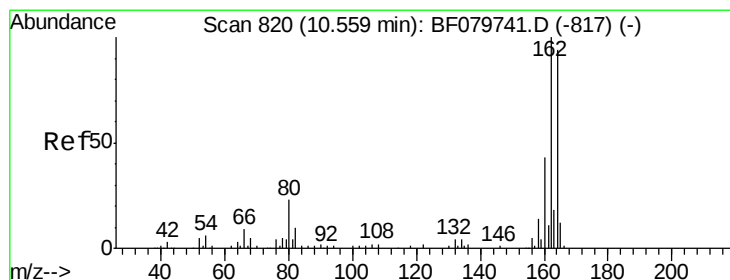
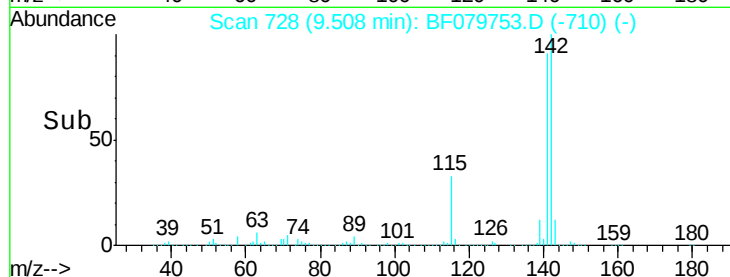
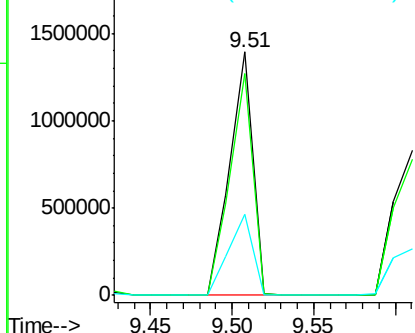
#37
2-Methylnaphthalene
Concen: 190.92 ng
RT: 9.51 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Instrument :
BNA_F
ClientSampled :
SB-12D

Tot Ion:142 Resp: 1362517
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2
115 33.4 26.9 40.3

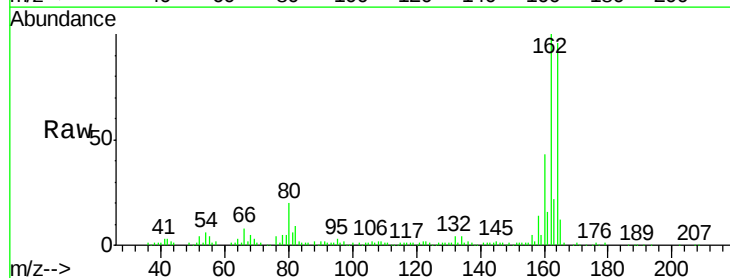


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

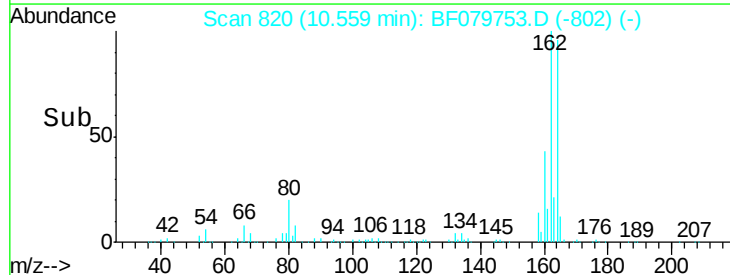
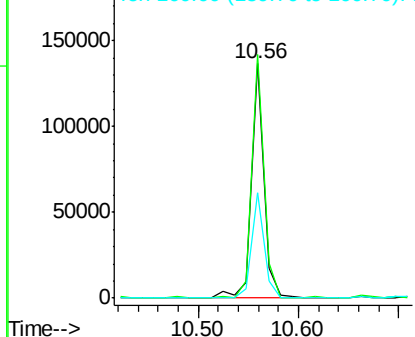


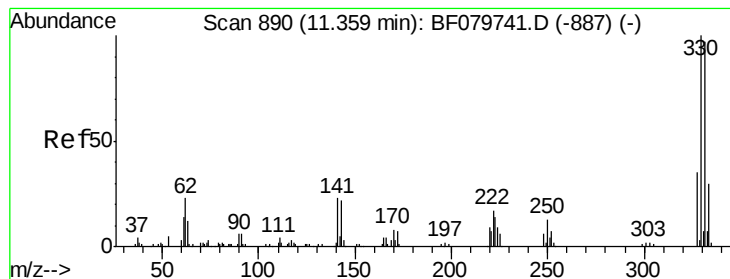
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion:164 Resp: 118078
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 45.0 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

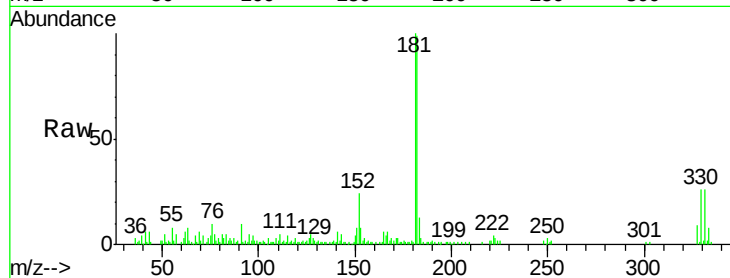




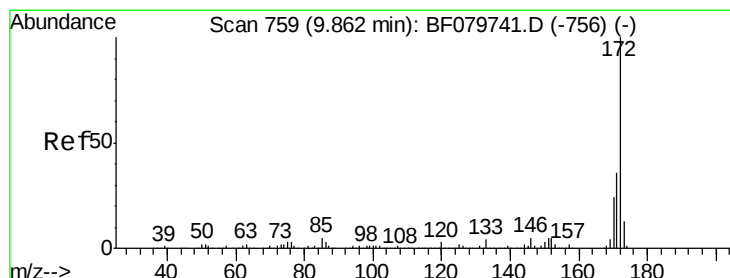
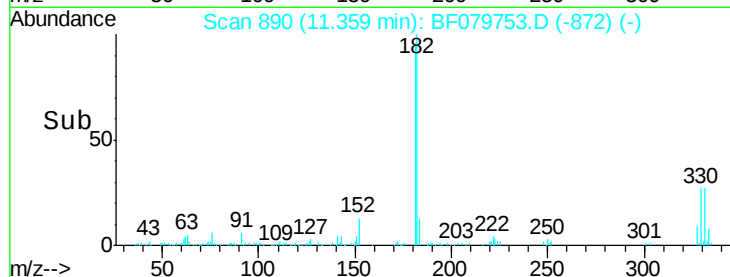
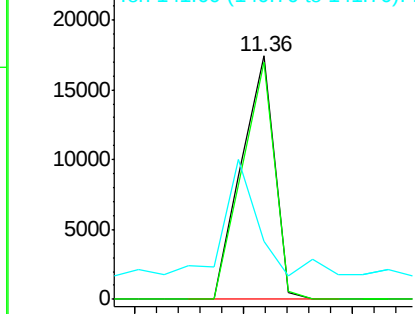
#41
 2,4,6-Tribromophenol
 Concen: 8.14 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079753.D
 Acq: 6 Jun 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-12D

Tot Ion:330 Resp: 18383
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.0
 141 56.1 30.2 45.2#

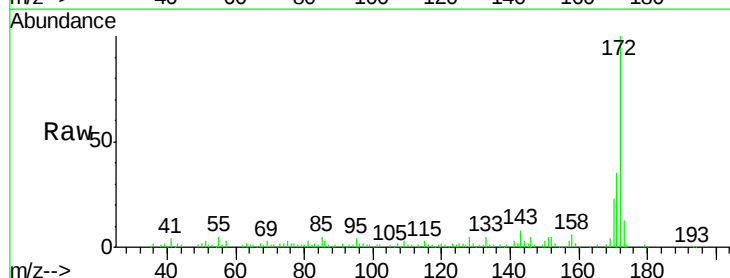


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

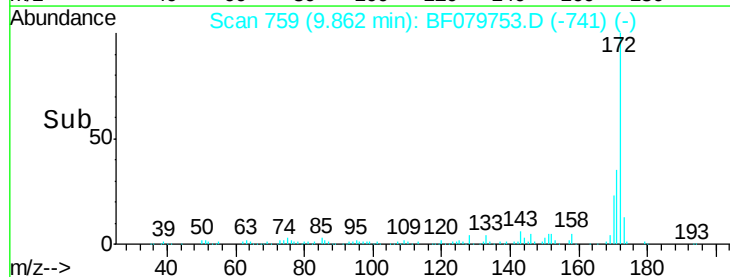
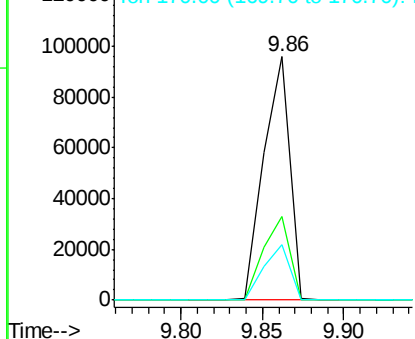


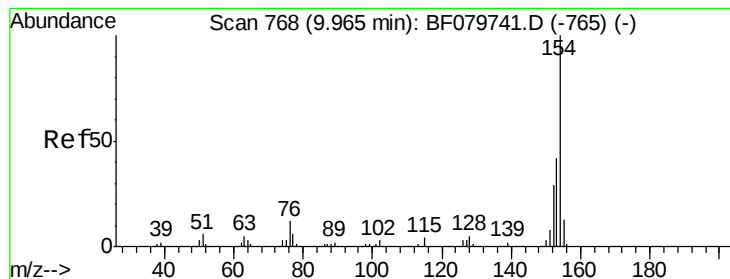
#44
 2-Fluorobiphenyl
 Concen: 6.13 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079753.D
 Acq: 6 Jun 2015 4:02

Tgt Ion:172 Resp: 106863
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.4 44.0
 170 22.8 19.7 29.5



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





#45

1,1'-Biphenyl

Concen: 26.07 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

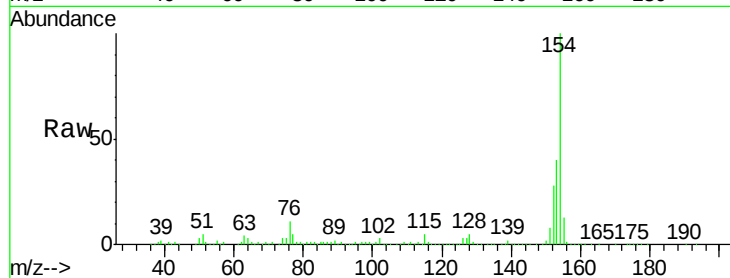
Tot Ion:154 Resp: 267746

Ion Ratio Lower Upper

154 100

153 40.2 19.9 59.9

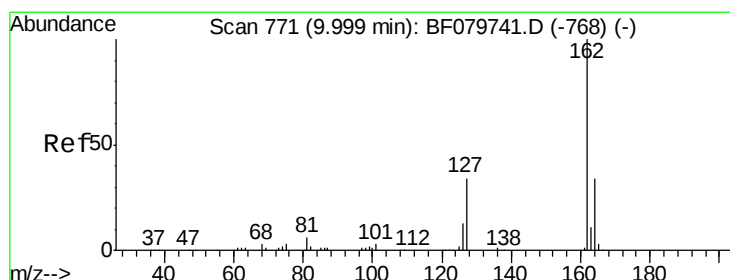
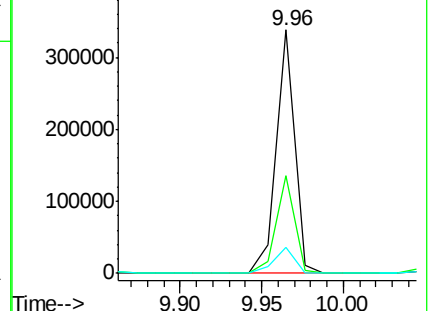
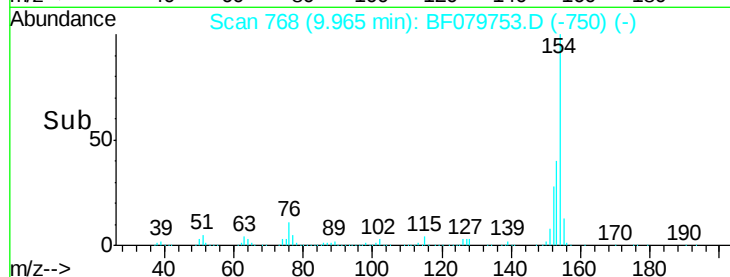
76 10.7 0.0 28.2



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



#46

2-Chloronaphthalene

Concen: 1.88 ng

RT: 10.04 min Scan# 775

Delta R.T. 0.05 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

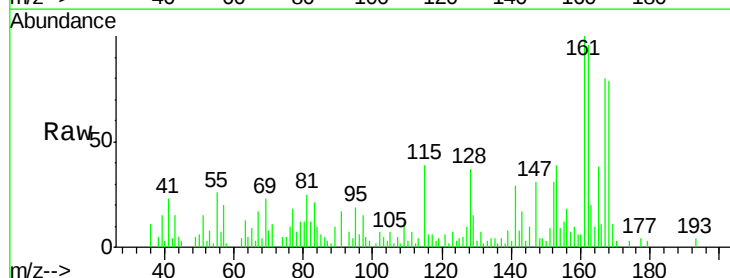
Tgt Ion:162 Resp: 15764

Ion Ratio Lower Upper

162 100

127 10.6 35.4 53.2#

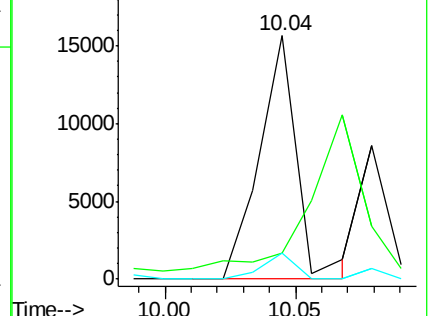
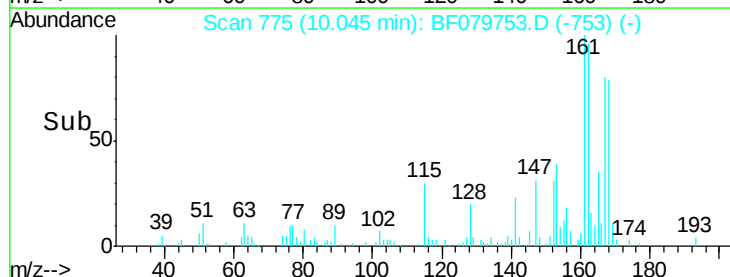
164 10.9 26.3 39.5#

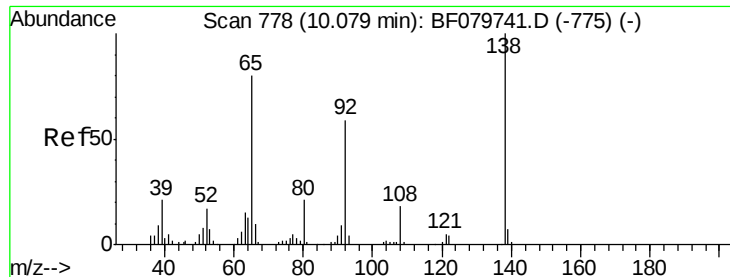


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 2.51 ng

RT: 10.07 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

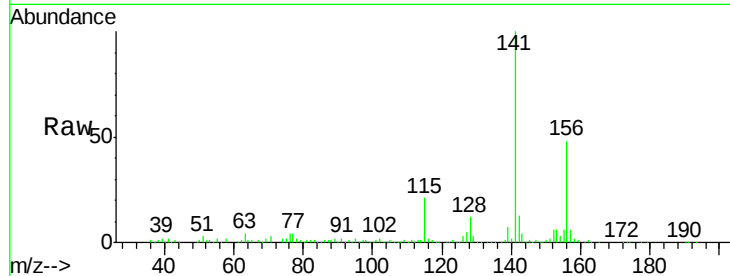
Tot Ion: 65 Resp: 4410

Ion Ratio Lower Upper

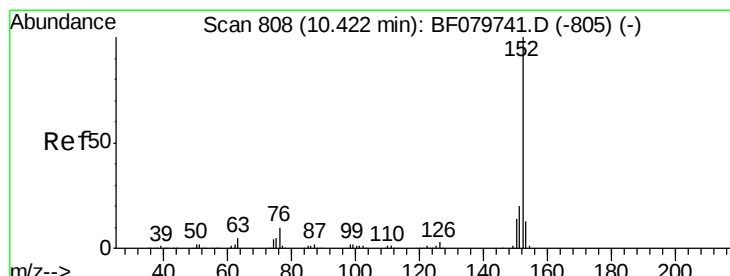
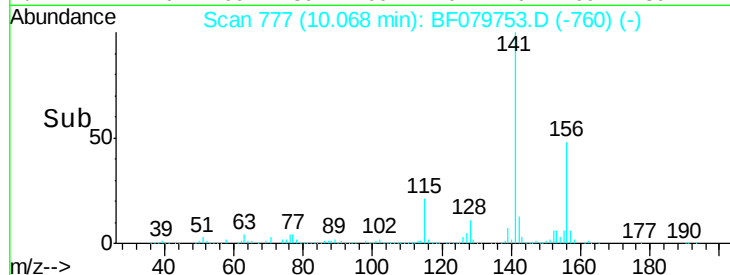
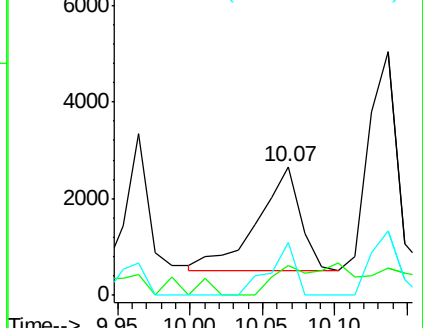
65 100

92 23.4 49.0 73.6#

138 41.6 67.7 101.5#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 64.88 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

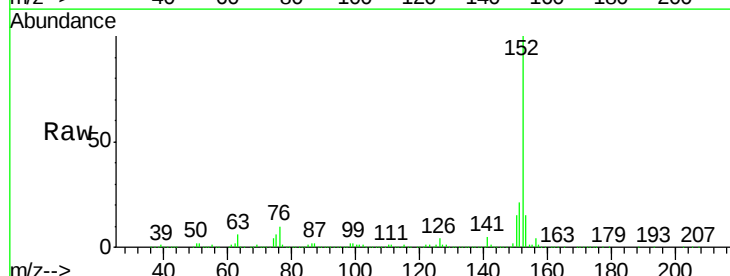
Tgt Ion: 152 Resp: 899660

Ion Ratio Lower Upper

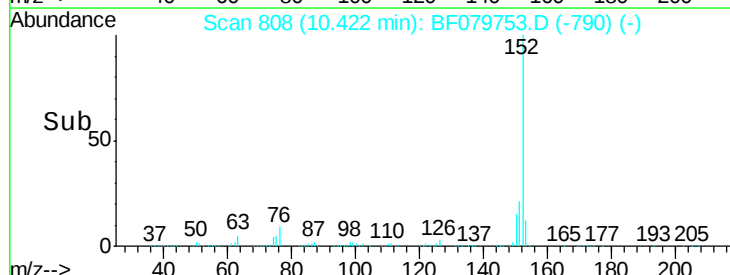
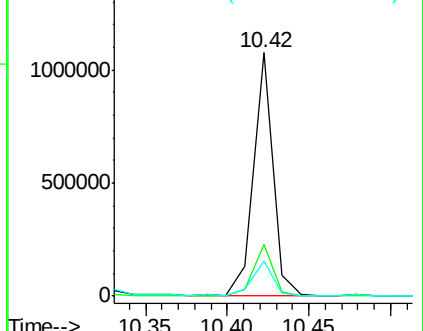
152 100

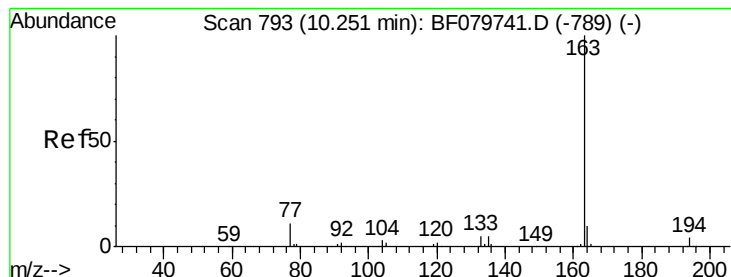
151 21.0 16.2 24.4

153 14.6 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: 2.06 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

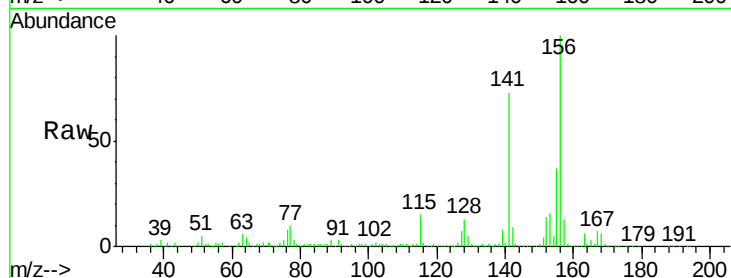
Tot Ion:163 Resp: 18710

Ion Ratio Lower Upper

163 100

194 4.8 2.6 3.8#

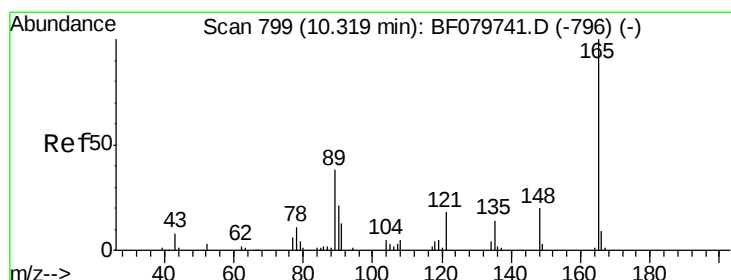
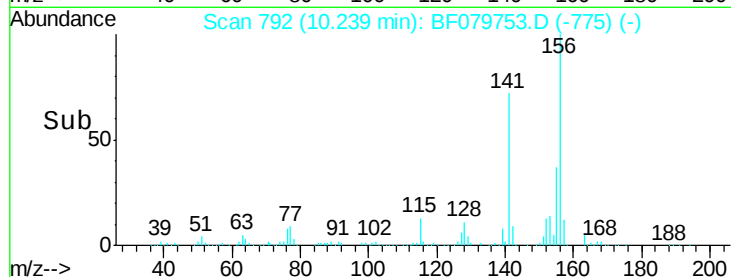
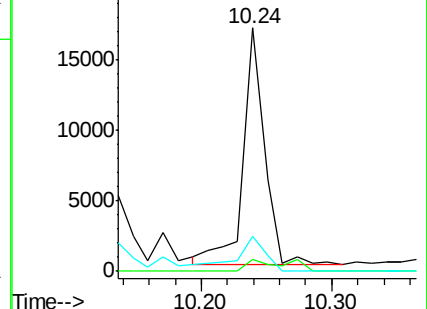
164 14.1 8.5 12.7#



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: 1.74 ng

RT: 10.32 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

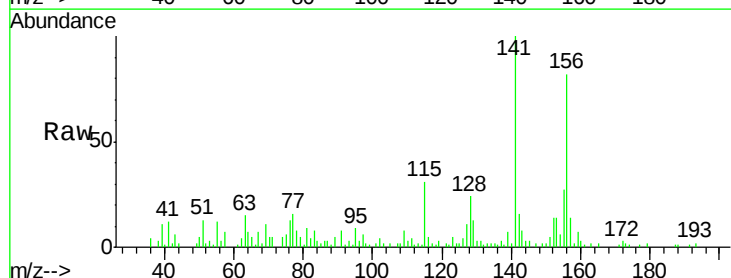
Tgt Ion:165 Resp: 870

Ion Ratio Lower Upper

165 100

63 602.2 45.2 67.8#

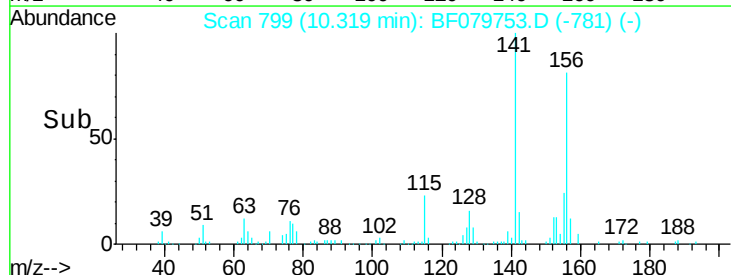
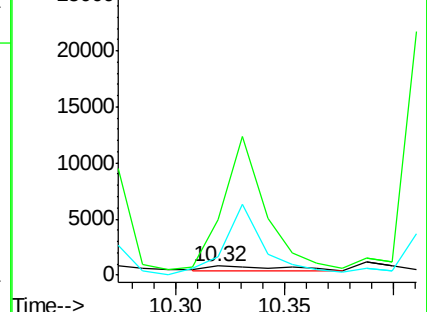
89 194.0 45.9 68.9#

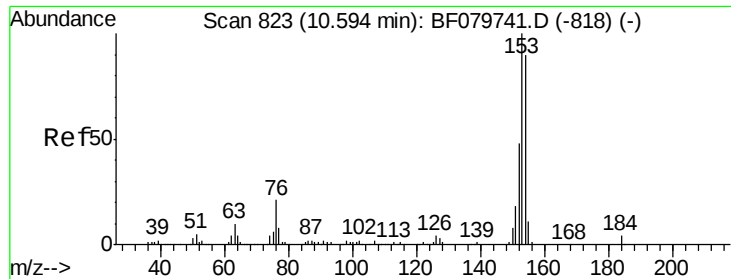


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.07 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

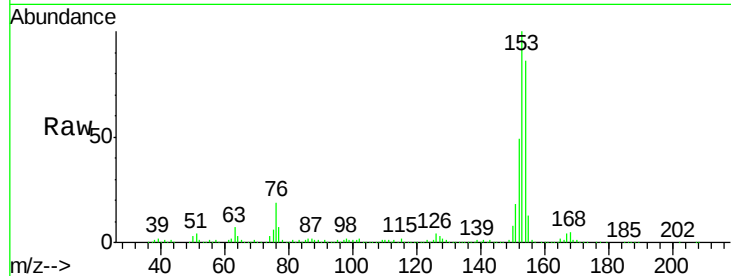
Tot Ion:154 Resp: 314645

Ion Ratio Lower Upper

154 100

153 116.2 90.1 135.1

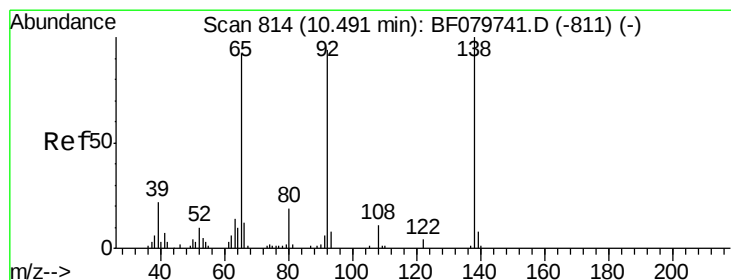
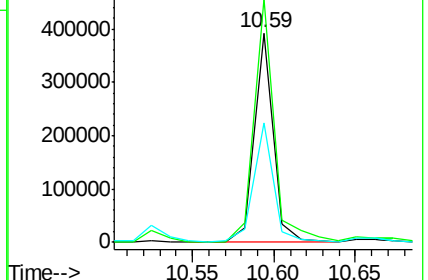
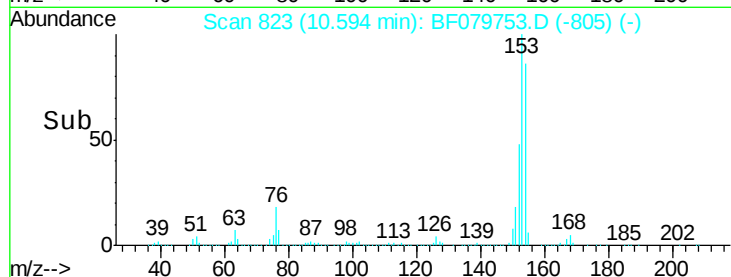
152 56.8 43.4 65.0



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



#52

3-Nitroaniline

Concen: 1.09 ng

RT: 10.52 min Scan# 817

Delta R.T. 0.03 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

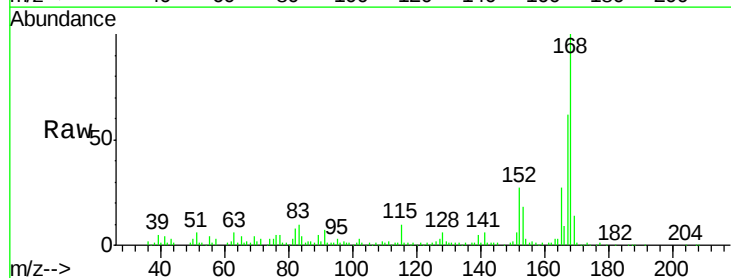
Tgt Ion:138 Resp: 2096

Ion Ratio Lower Upper

138 100

108 58.6 8.9 13.3#

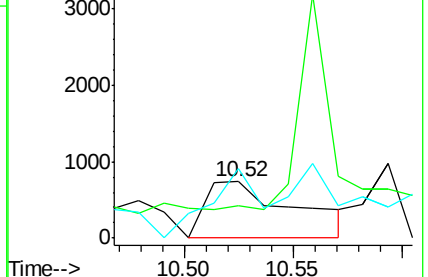
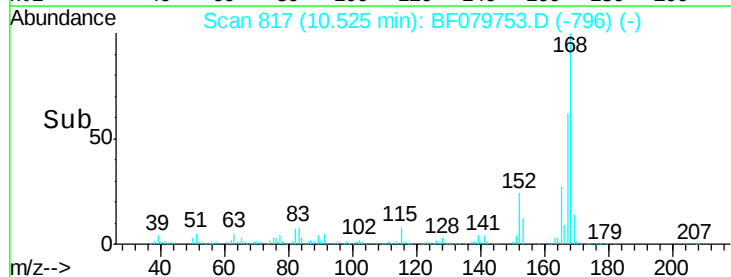
92 123.9 99.0 148.4

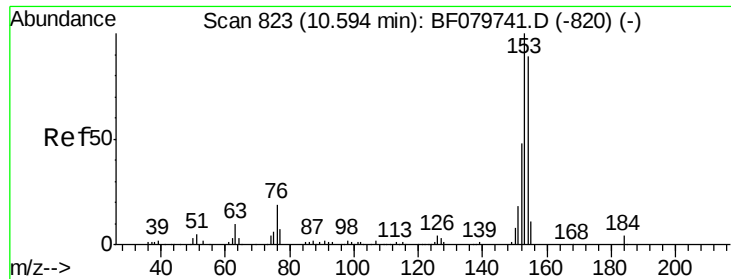


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

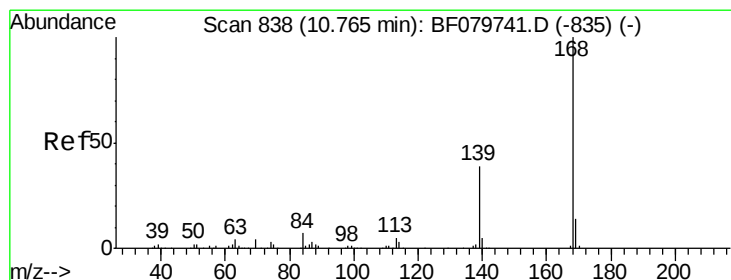
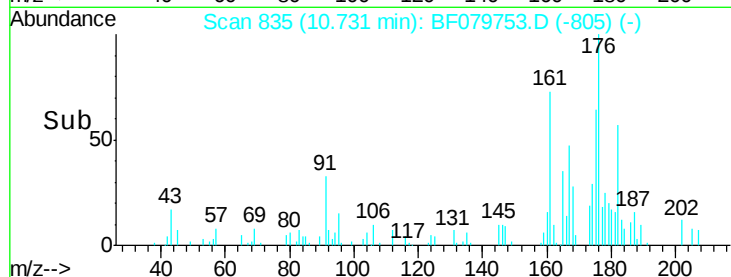
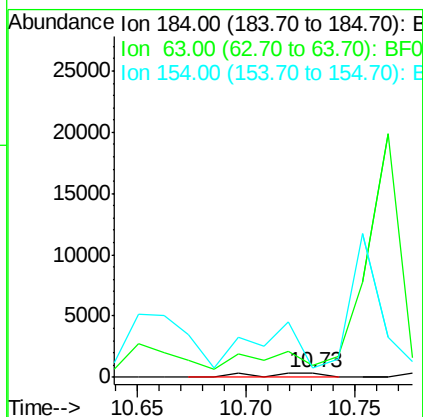
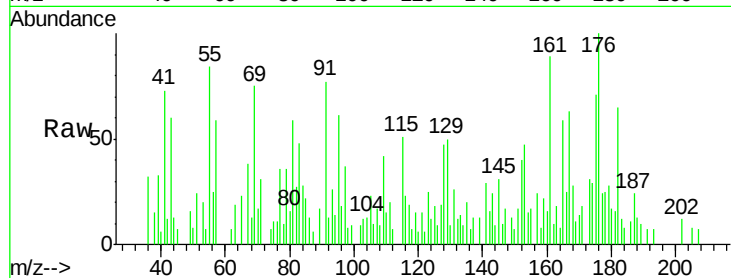




#53
2,4-Dinitrophenol
Concen: 4.67 ng
RT: 10.73 min Scan# 835
Delta R.T. 0.14 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

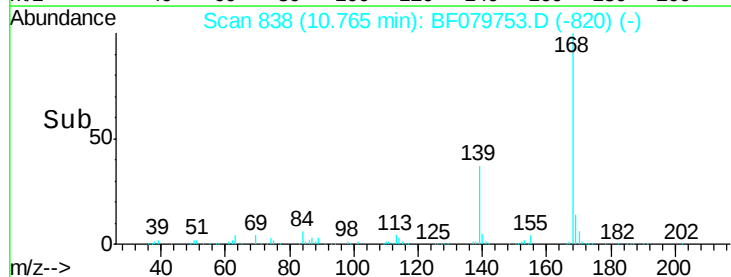
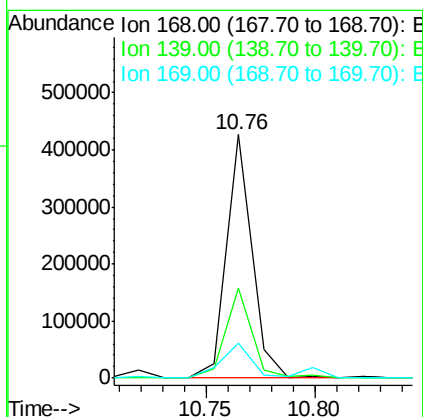
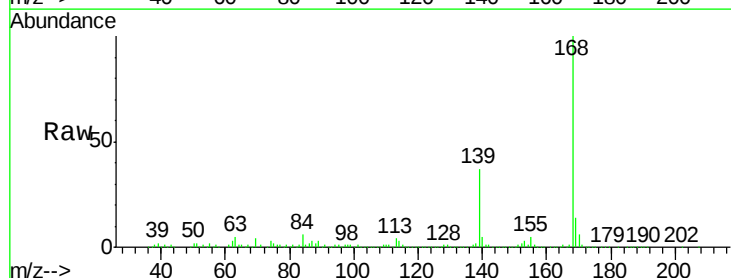
Instrument :
BNA_F
ClientSampleId :
SB-12D

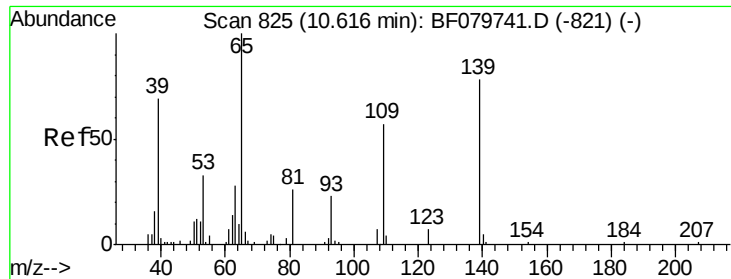
Tot Ion:184 Resp: 693
Ion Ratio Lower Upper
184 100
63 254.2 146.9 220.3#
154 203.8 653.8 980.8#



#54
Dibenzofuran
Concen: 31.00 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion:168 Resp: 344806
Ion Ratio Lower Upper
168 100
139 36.9 27.7 41.5
169 14.2 11.0 16.4

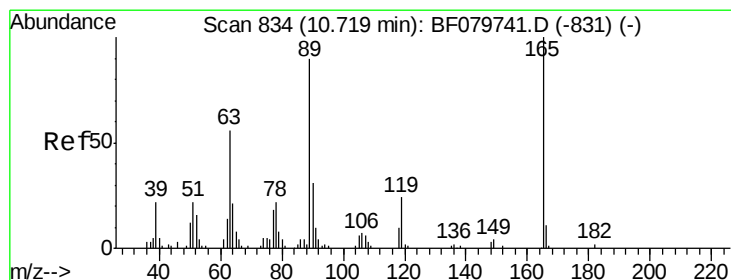
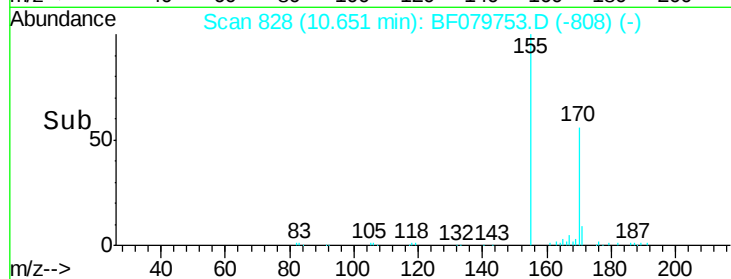
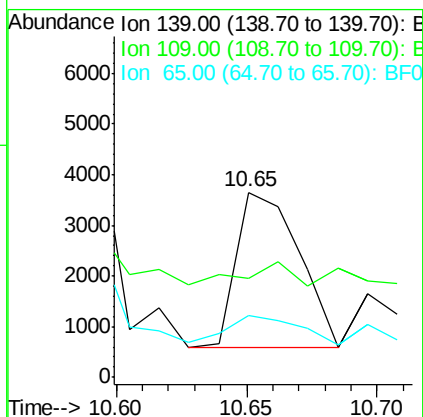
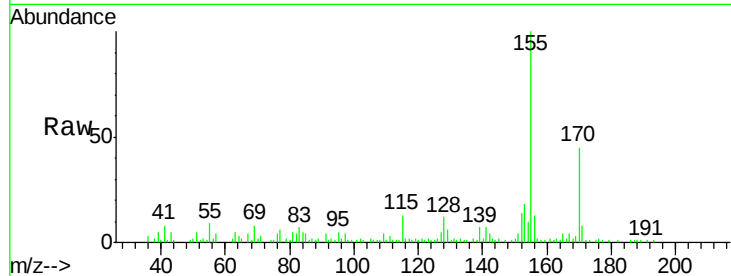




#55
4-Nitrophenol
Concen: 3.55 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.02 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

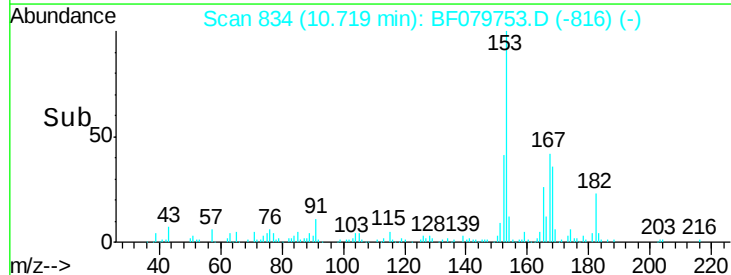
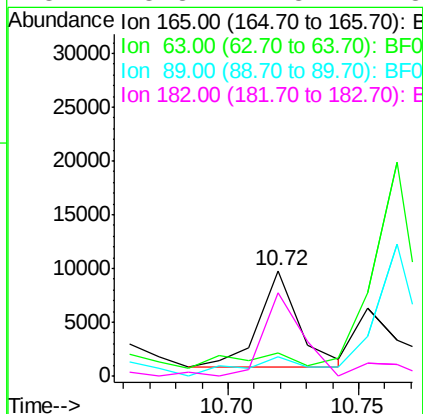
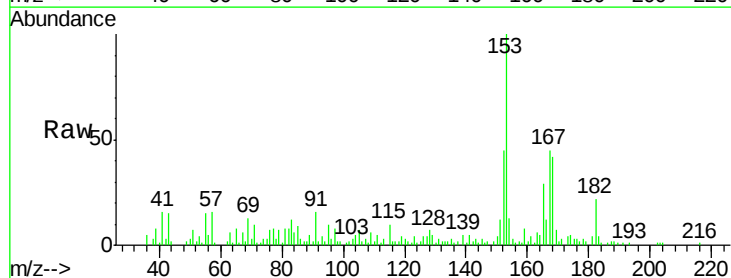
Instrument :
BNA_F
ClientSampled :
SB-12D

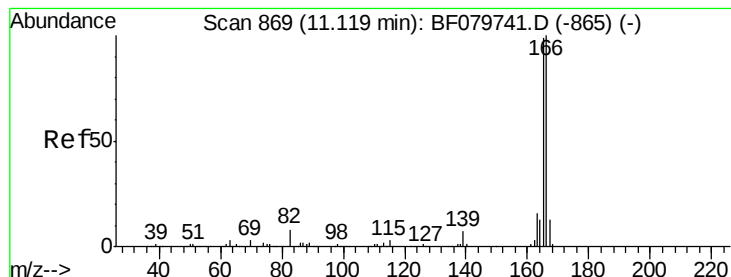
Tot Ion:139 Resp: 5087
Ion Ratio Lower Upper
139 100
109 53.1 44.2 84.2
65 33.1 72.3 112.3#



#56
2,4-Dinitrotoluene
Concen: 8.09 ng
RT: 10.72 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion:165 Resp: 9716
Ion Ratio Lower Upper
165 100
63 22.0 24.7 37.1#
89 18.8 45.7 68.5#
182 78.3 1.8 2.8#





#57

Fluorene

Concen: 76.35 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

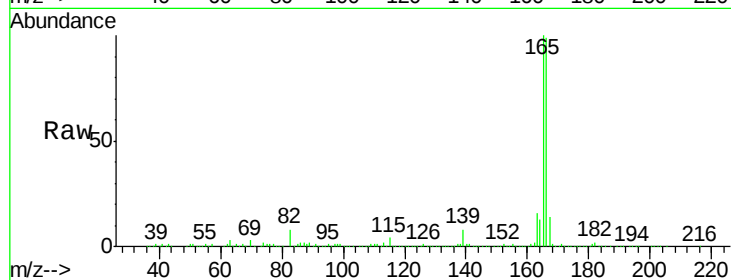
Tot Ion:166 Resp: 734962

Ion Ratio Lower Upper

166 100

165 101.3 79.4 119.0

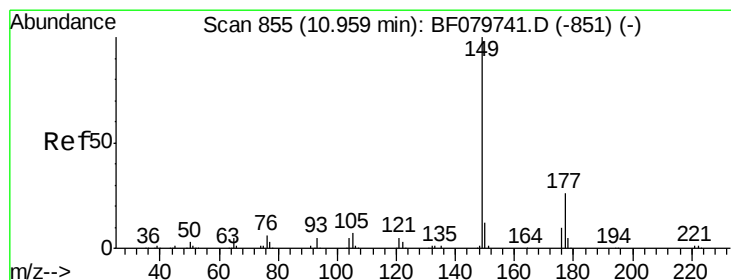
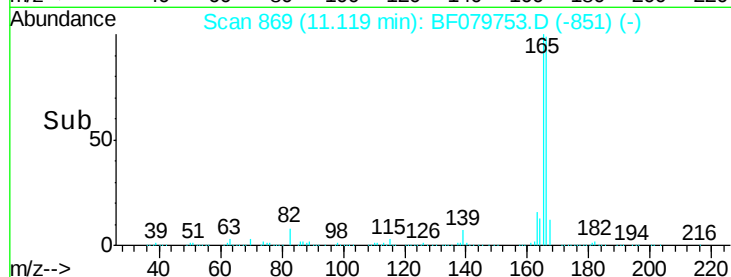
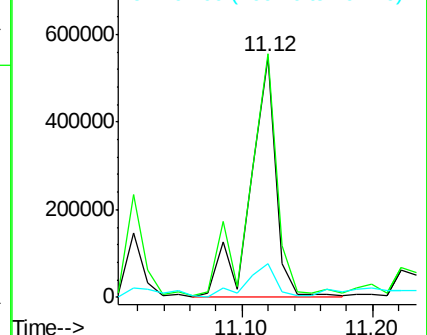
167 14.0 11.0 16.4



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: 0.09 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

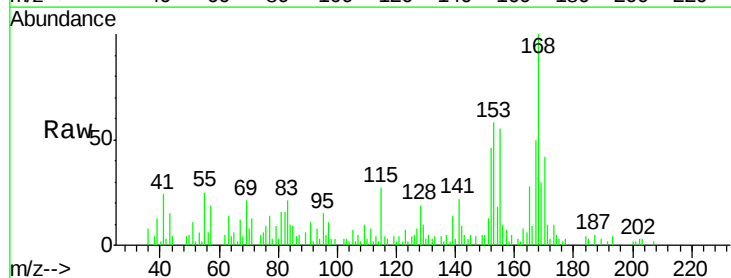
Tgt Ion:149 Resp: 791

Ion Ratio Lower Upper

149 100

177 66.0 18.1 27.1#

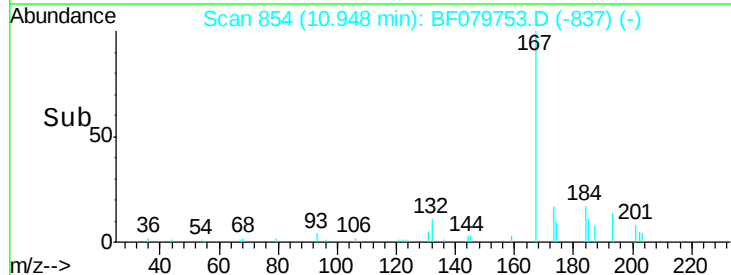
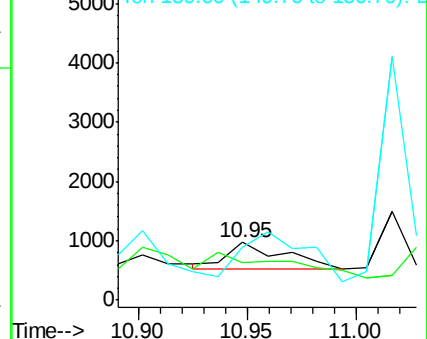
150 93.1 10.5 15.7#

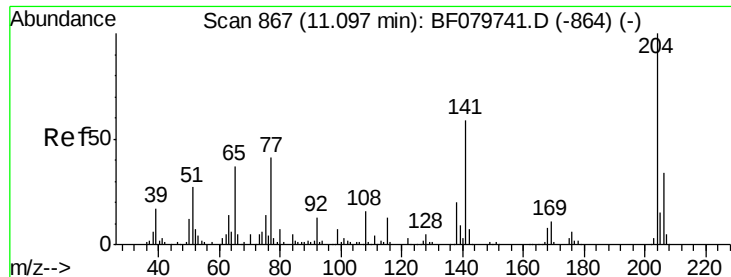


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

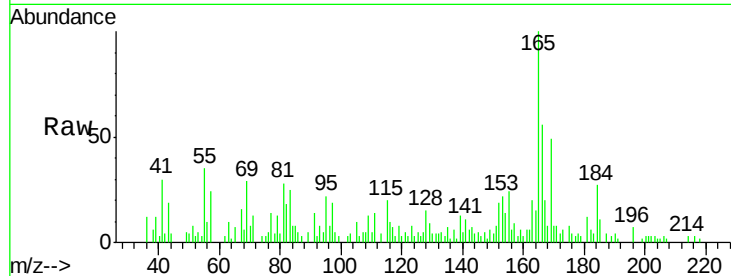




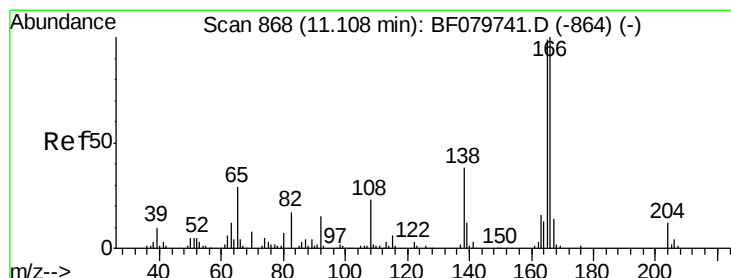
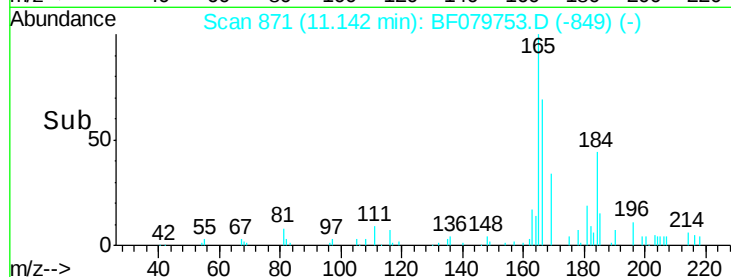
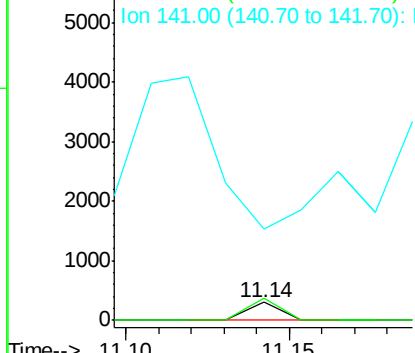
#60
4-Chlorophenyl-phenylether
Concen: 0.05 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.05 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Instrument :
BNA_F
ClientSampled :
SB-12D

Tot Ion:204 Resp: 208
Ion Ratio Lower Upper
204 100
206 120.8 25.8 38.6#
141 504.0 56.5 84.7#

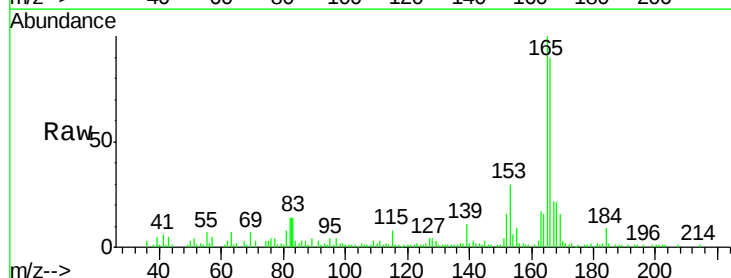


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

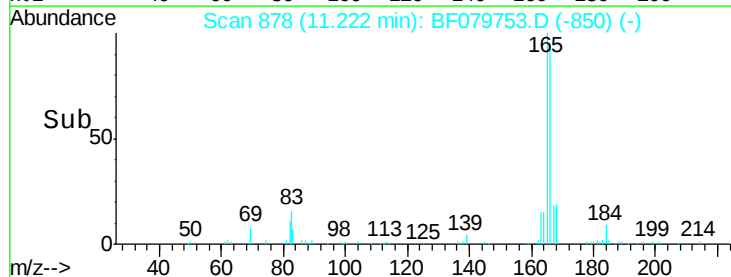
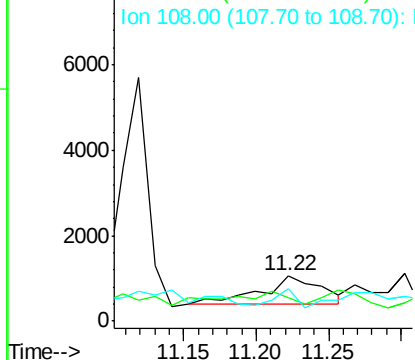


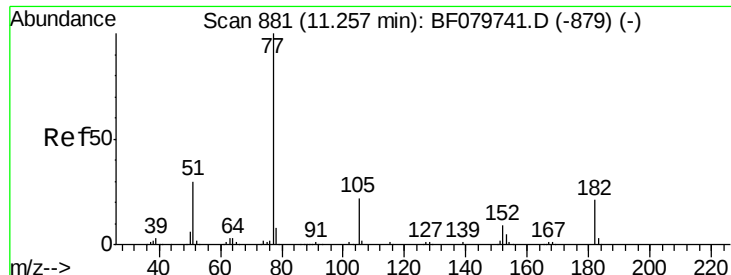
#61
4-Nitroaniline
Concen: 0.93 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.11 min
Lab File: BF079753.D
Acq: 6 Jun 2015 4:02

Tgt Ion:138 Resp: 1865
Ion Ratio Lower Upper
138 100
92 52.5 38.2 78.2
108 69.6 53.8 93.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.82 ng

RT: 11.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

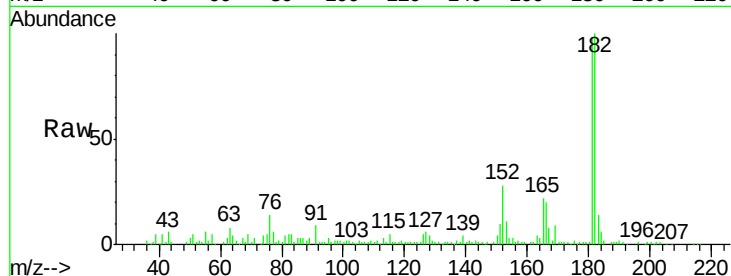
ClientSampleId :

SB-12D

Tot Ion: 77 Resp: 7381

Ion Ratio Lower Upper

77	100		
182	1761.9	0.0	35.2#
105	35.1	0.0	39.5
51	96.8	12.4	52.4#

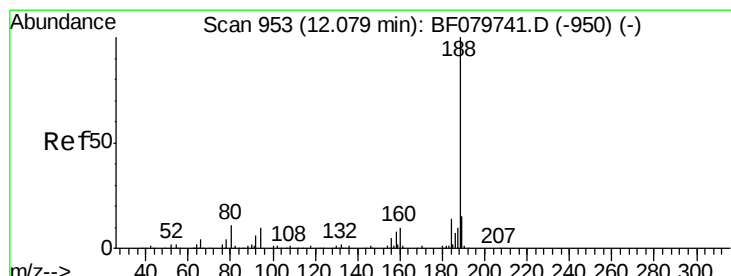
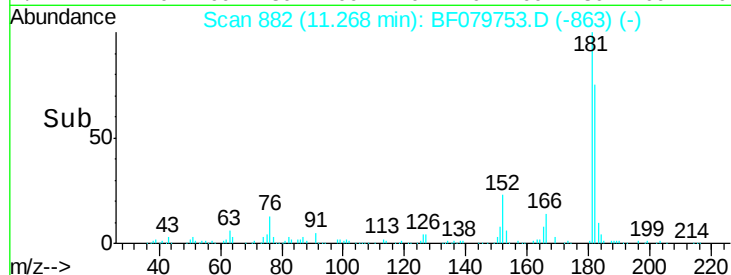
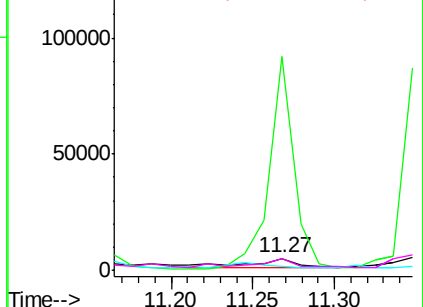


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.07 min Scan# 952

Delta R.T. 0.00 min

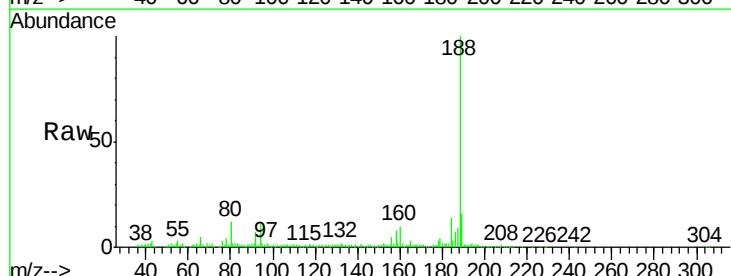
Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Tgt Ion: 188 Resp: 222570

Ion Ratio Lower Upper

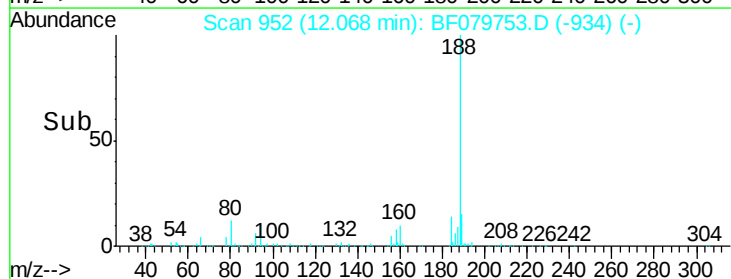
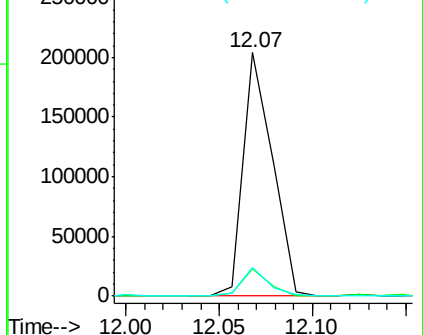
188	100		
94	11.3	5.0	7.4#
80	12.0	5.3	7.9#

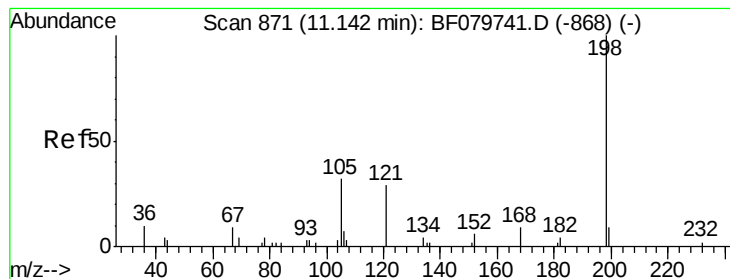


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.62 ng

RT: 11.27 min Scan# 882

Delta R.T. 0.13 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

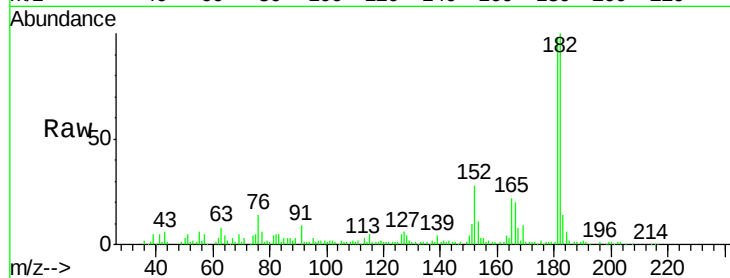
Tot Ion:198 Resp: 433

Ion Ratio Lower Upper

198 100

51 1589.0 34.4 74.4#

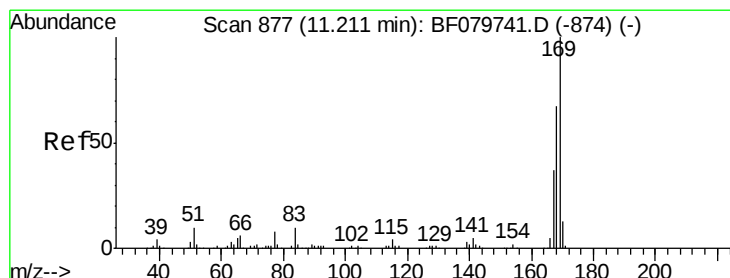
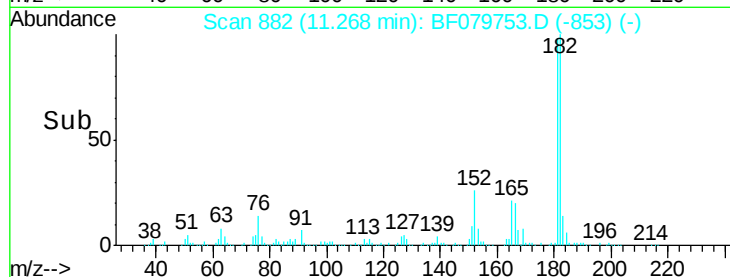
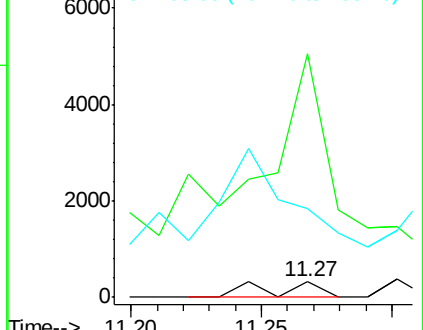
105 575.8 32.7 72.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 5.76 ng

RT: 11.22 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

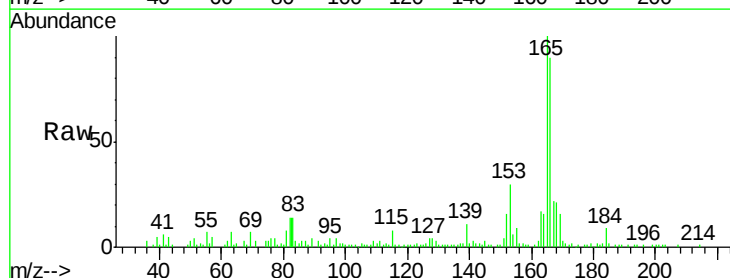
Tgt Ion:169 Resp: 42801

Ion Ratio Lower Upper

169 100

168 132.4 54.8 82.2#

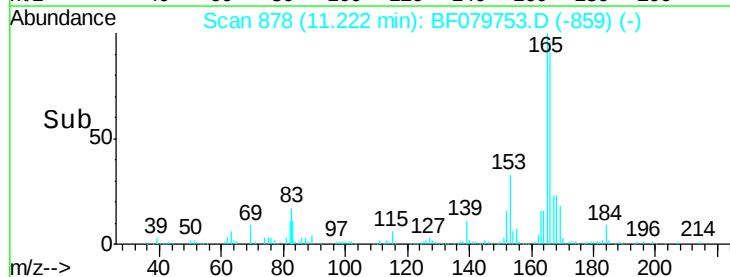
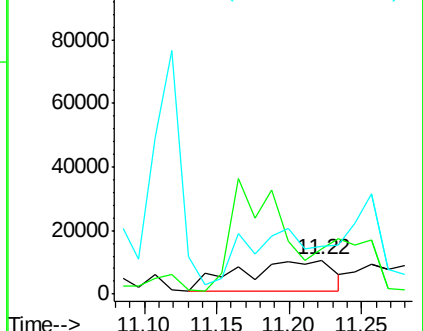
167 138.4 29.7 44.5#

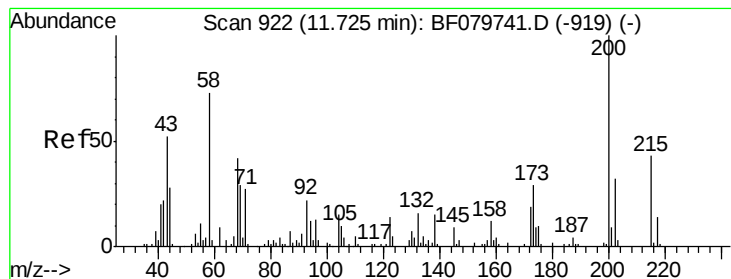


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 0.09 ng

RT: 11.73 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

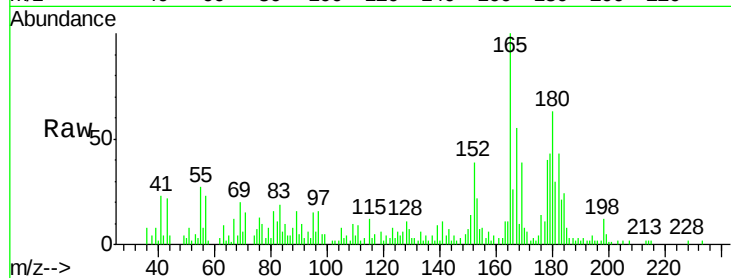
Tot Ion:200 Resp: 208

Ion Ratio Lower Upper

200 100

173 198.7 5.5 45.5#

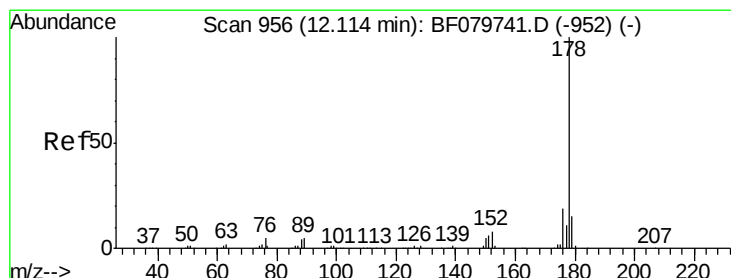
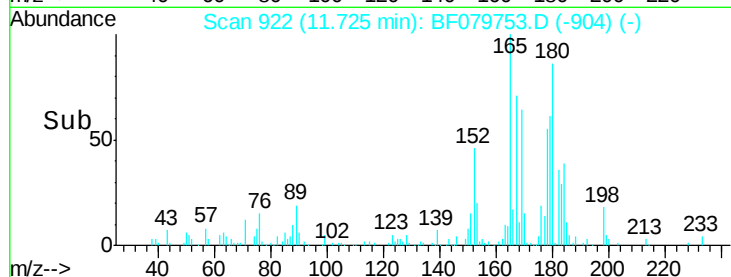
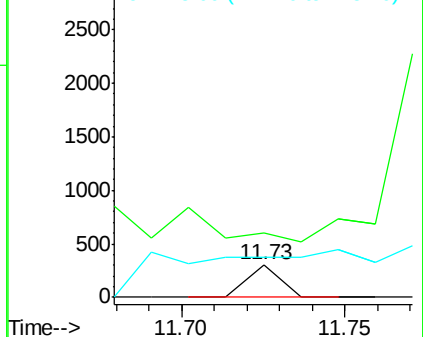
215 123.4 28.5 68.5#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 199.51 ng

RT: 12.10 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

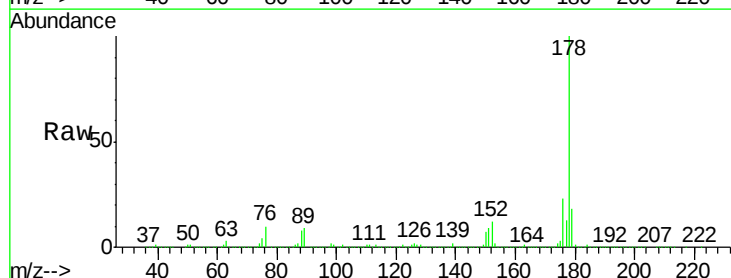
Tgt Ion:178 Resp: 2599825

Ion Ratio Lower Upper

178 100

176 22.8 16.2 24.4

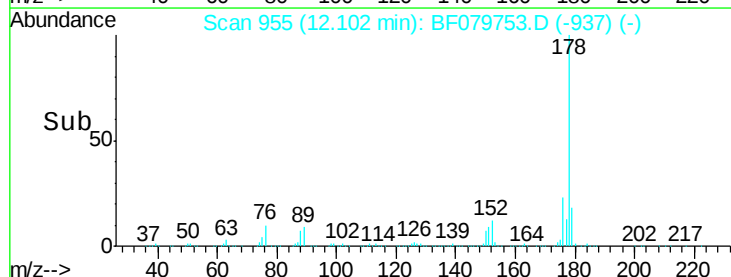
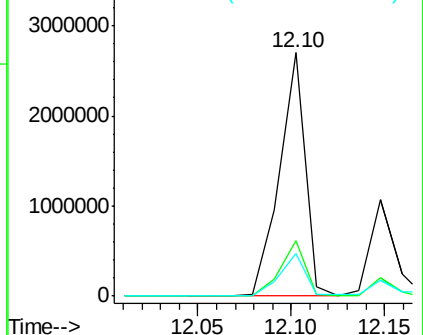
179 17.7 12.6 19.0

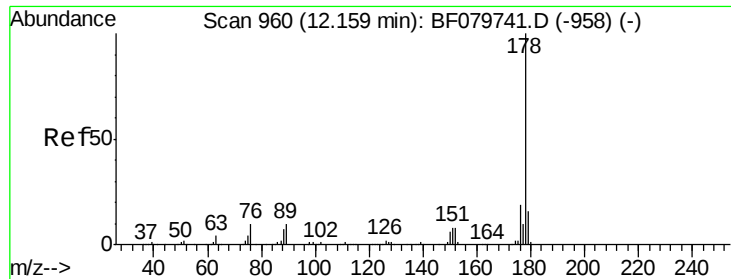


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

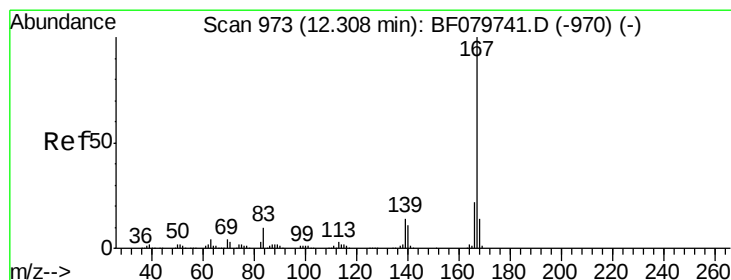
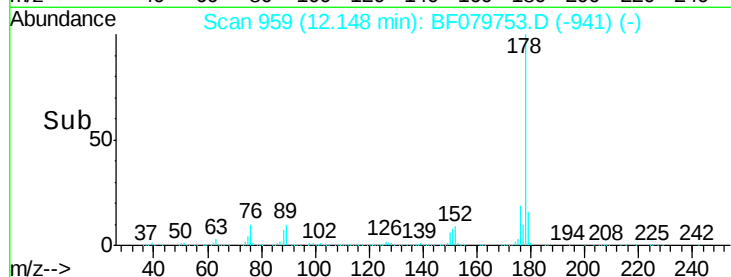
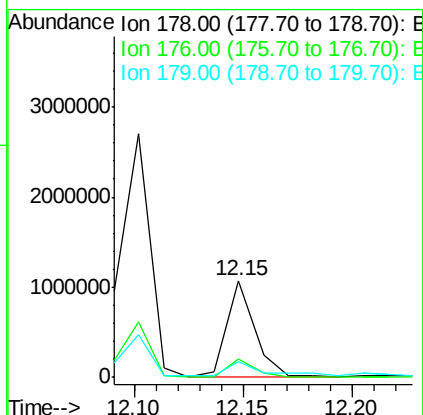
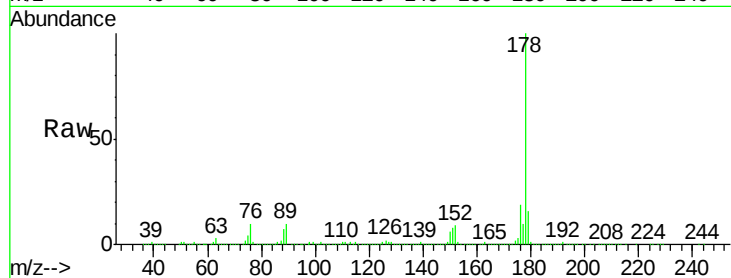




#71
 Anthracene
 Concen: 73.45 ng
 RT: 12.15 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF079753.D
 Acq: 6 Jun 2015 4:02

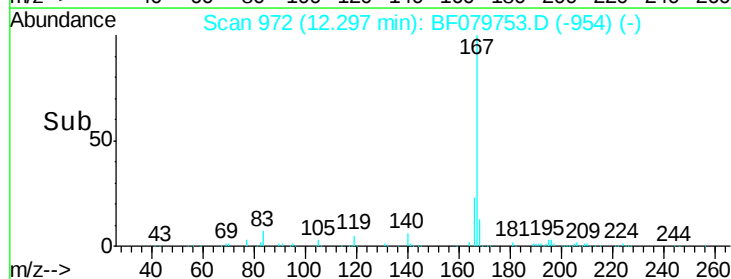
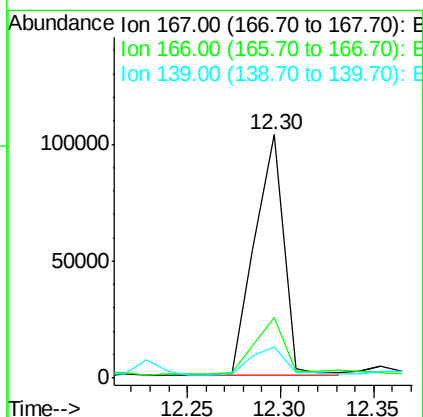
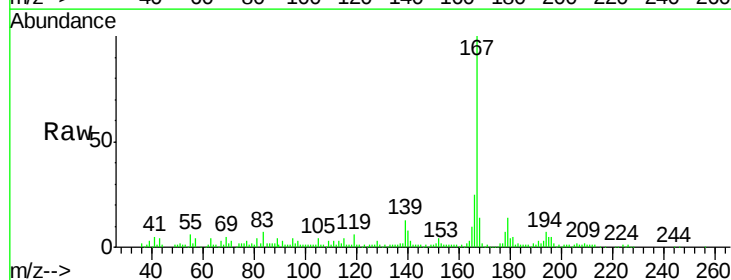
Instrument :
 BNA_F
 ClientSampleId :
 SB-12D

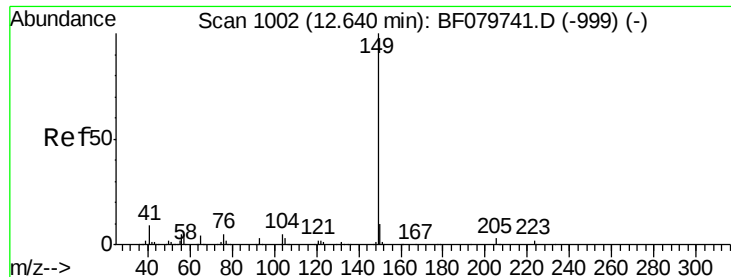
Tot Ion:178 Resp: 943762
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.8 22.2
 179 16.5 12.2 18.2



#72
 Carbazole
 Concen: 9.14 ng
 RT: 12.30 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF079753.D
 Acq: 6 Jun 2015 4:02

Tgt Ion:167 Resp: 111655
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.7 26.5
 139 12.6 9.3 13.9





#73

Di-n-butylphthalate

Concen: 0.23 ng

RT: 12.62 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleID :

SB-12D

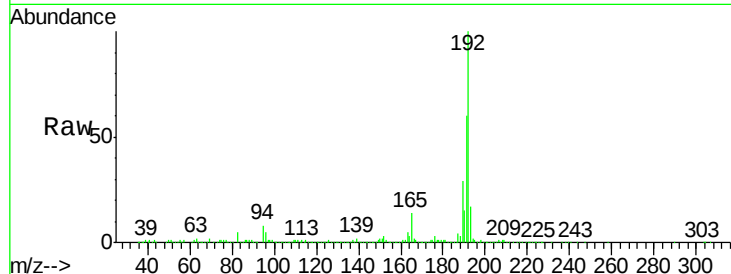
Tot Ion:149 Resp: 3172

Ion Ratio Lower Upper

149 100

150 347.5 9.8 14.8#

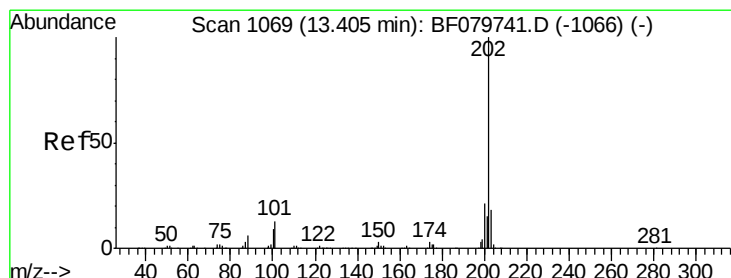
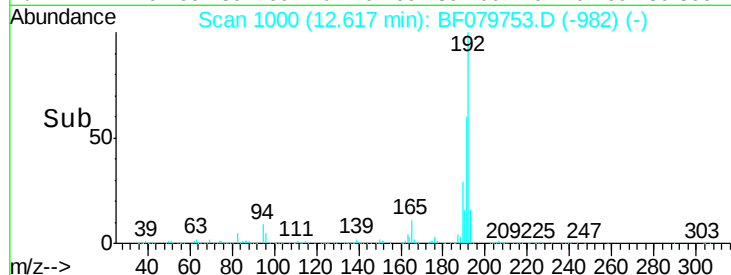
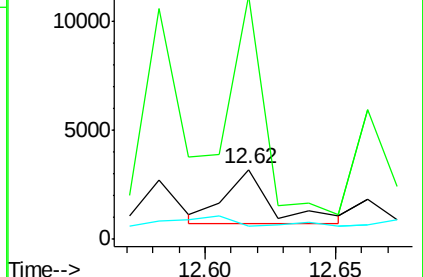
104 18.9 12.9 19.3



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: 114.65 ng

RT: 13.35 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

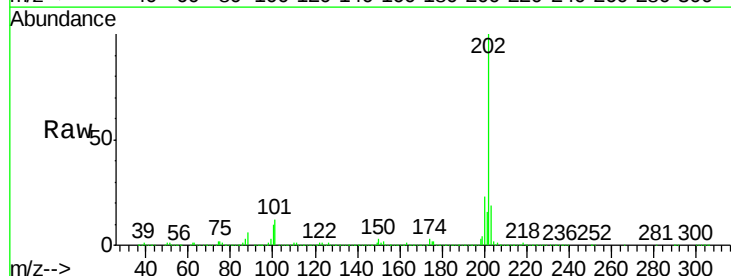
Tgt Ion:202 Resp: 1635741

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.3

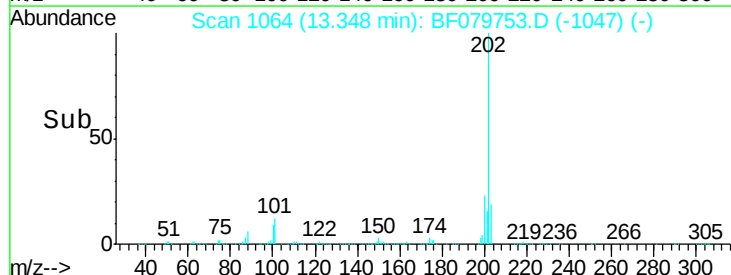
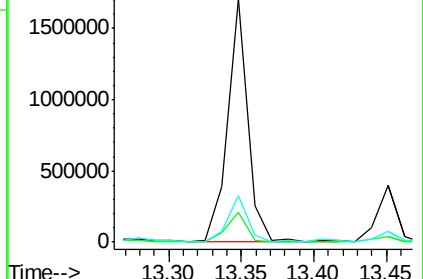
203 19.3 0.0 38.4

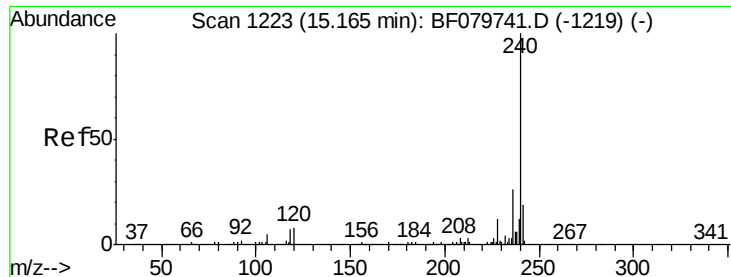


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

Instrument :

BNA_F

ClientSampleId :

SB-12D

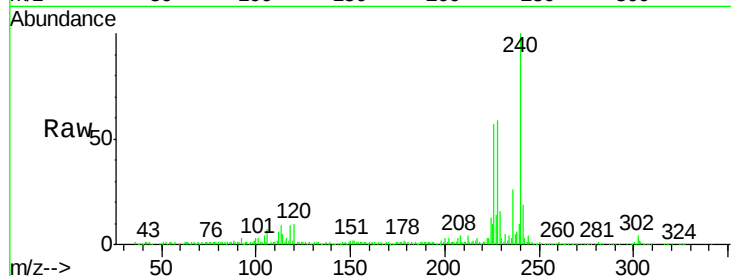
Tot Ion:240 Resp: 248826

Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

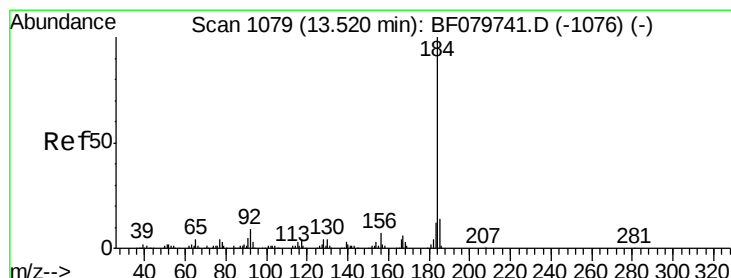
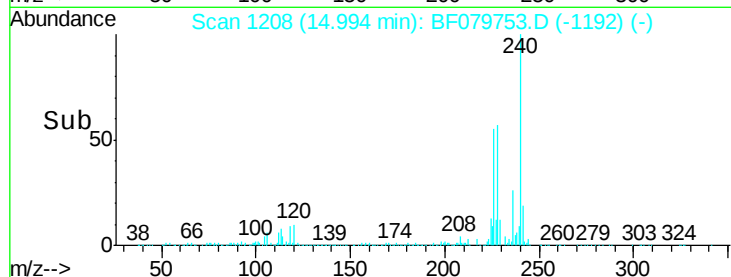
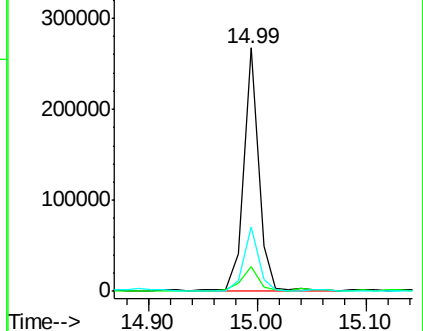
236 26.3 21.0 31.4



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



#76

Benzidine

Concen: 0.20 ng

RT: 13.44 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BF079753.D

Acq: 6 Jun 2015 4:02

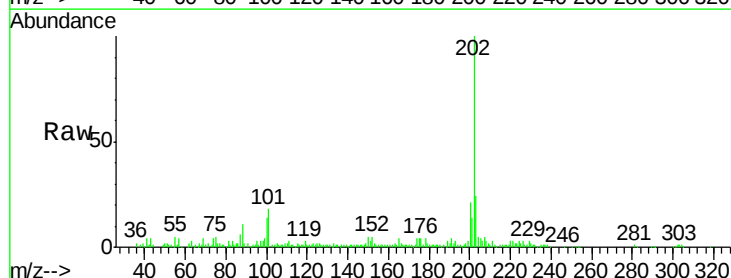
Tgt Ion:184 Resp: 1552

Ion Ratio Lower Upper

184 100

185 94.5 12.2 18.2#

183 91.9 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

