

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093904.D
 Acq On : 24 Mar 2017 13:19
 Operator : SJ/MA
 Sample : I2369-11RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

Quant Time: Mar 24 23:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	167143	20.00	ng	-0.01
21) Naphthalene-d8	7.49	136	449937	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	89838	20.00	ng	0.02
63) Phenanthrene-d10	11.49	188	263834	20.00	ng	0.02
75) Chrysene-d12	14.70	240	318726	20.00	ng	-0.01
86) Perylene-d12	16.33	264	280501	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	556962	56.28	ng	-0.01
7) Phenol-d6	5.56	99	507405	41.45	ng	-0.01
23) Nitrobenzene-d5	6.62	82	951648	120.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	156688	220.71	ng	0.02
44) 2-Fluorobiphenyl	8.83	172	987420	167.64	ng	0.00
78) Terphenyl-d14	13.44	244	857410	60.30	ng	0.00

Target Compounds						Qvalue
10) Phenol	5.57	94	86929	6.24	ng	94
15) Benzyl Alcohol	6.15	79	25206	2.81	ng	# 47
18) Hexachloroethane	6.56	117	24493	5.64	ng	# 1
19) n-Nitroso-di-n-propylamine	6.45	70	30923	3.93	ng	# 54
22) Acetophenone	6.44	105	390766	38.97	ng	# 45
24) Nitrobenzene	6.64	77	29530	3.80	ng	# 49
25) Isophorone	6.93	82	185667	13.40	ng	# 1
26) 2-Nitrophenol	7.06	139	13464	3.63	ng	# 1
27) 2,4-Dimethylphenol	7.08	122	15980	2.50	ng	# 1
29) 2,4-Dichlorophenol	7.33	162	25196	4.22	ng	# 1
31) Naphthalene	7.49	128	136779	6.32	ng	# 1
32) Benzoic acid	7.26	122	19215	4.52	ng	# 1
33) 4-Chloroaniline	7.53	127	117955	13.45	ng	# 83
35) Caprolactam	8.01	113	39278	20.62	ng	# 1
36) 4-Chloro-3-methylphenol	8.16	107	32744	5.25	ng	# 24
37) 2-Methylnaphthalene	8.37	142	88740	6.15	ng	# 50
42) 2,4,6-Trichlorophenol	8.75	196	15649	9.00	ng	# 19
43) 2,4,5-Trichlorophenol	8.75	196	15649	8.32	ng	# 1
45) 1,1'-Biophenyl	8.95	154	107897	14.89	ng	82
46) 2-Chloronaphthalene	9.02	162	18117	3.19	ng	# 1
47) 2-Nitroaniline	9.12	65	9201	5.47	ng	# 44
48) Acenaphthylene	9.48	152	27416	2.91	ng	# 1
49) Dimethylphthalate	9.32	163	67033	10.50	ng	# 23
50) 2,6-Dinitrotoluene	9.43	165	36606	25.01	ng	# 76
51) Acenaphthene	9.69	154	26356	4.79	ng	# 74
52) 3-Nitroaniline	9.56	138	39068	22.73	ng	# 72
53) 2,4-Dinitrophenol	9.72	184	1727	6.74	ng	# 1
54) Dibenzofuran	9.91	168	24206	3.23	ng	# 1
55) 4-Nitrophenol	9.80	139	13099	9.73	ng	# 1
56) 2,4-Dinitrotoluene	9.89	165	10332	5.62	ng	# 70
57) Fluorene	10.33	166	123340	19.86	ng	# 65
59) Diethylphthalate	10.28	149	22690	3.59	ng	# 17
61) 4-Nitroaniline	10.32	138	32360	19.62	ng	# 43
62) Azobenzene	10.56	77	26608	4.46	ng	# 23

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Response via : Initial Calibration

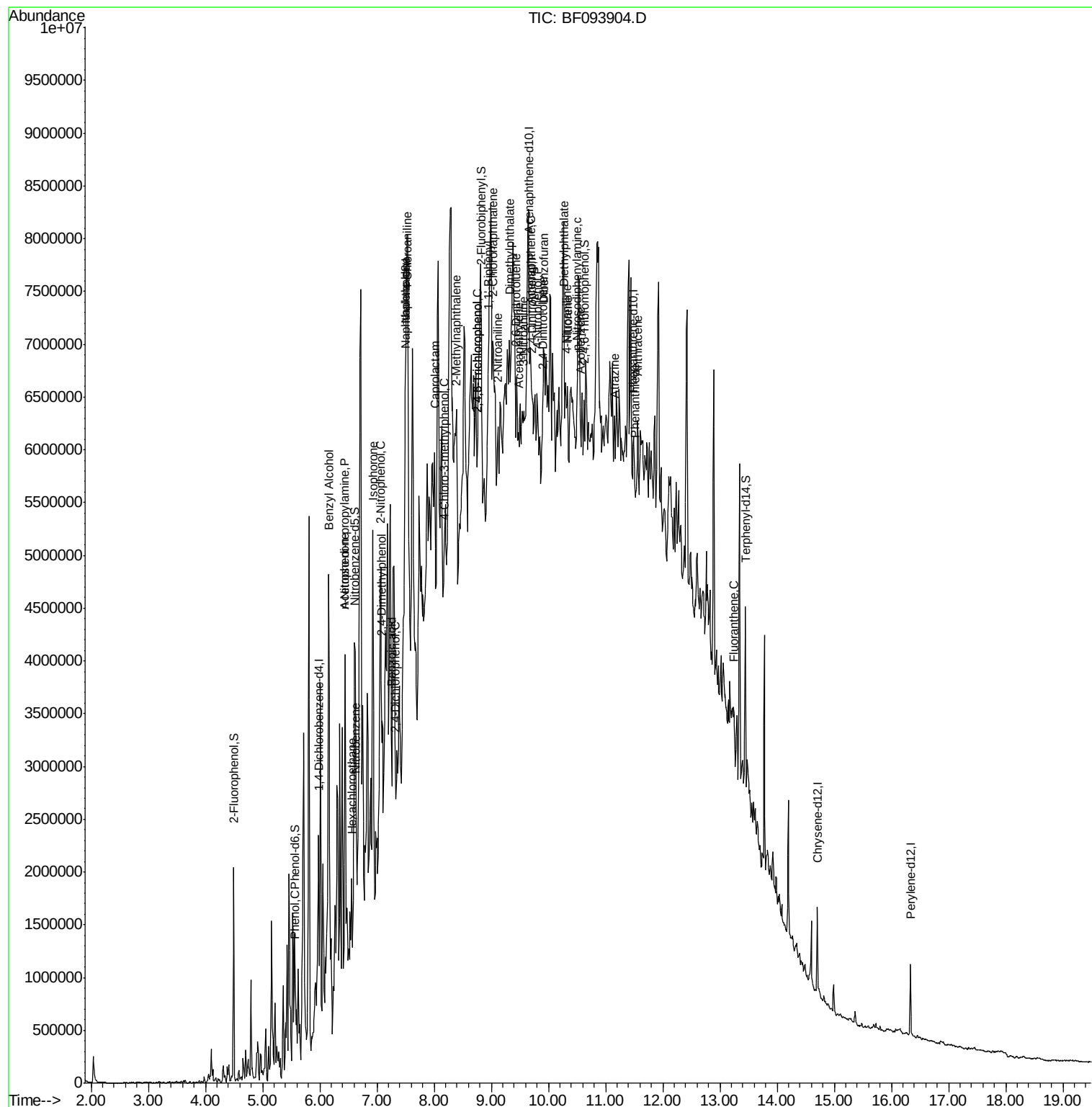
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	10.49	169	192076	21.05	ng	# 47
68) Atrazine	11.17	200	28618	10.47	ng	# 63
70) Phenanthrene	11.52	178	136891	9.33	ng	# 77
71) Anthracene	11.57	178	41443	2.74	ng	# 1
74) Fluoranthene	13.24	202	135088	8.99	ng	88

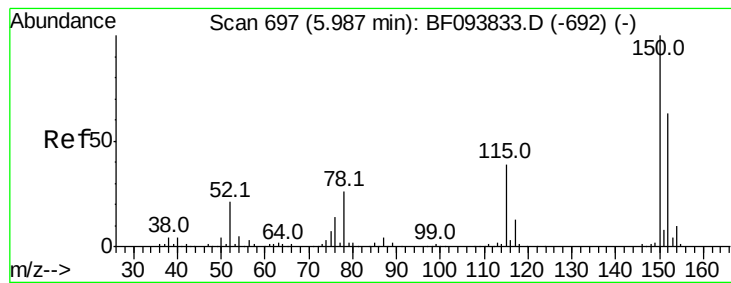
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

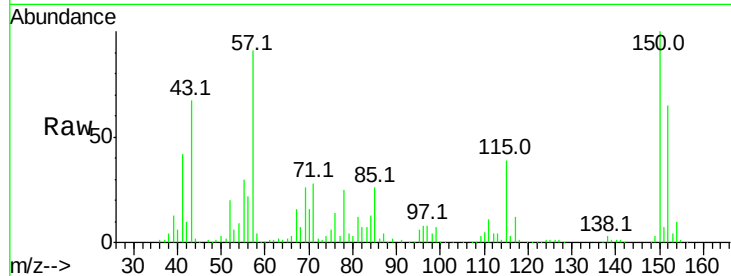
Tot Ion:152 Resp: 167143

Ion Ratio Lower Upper

152 100

150 154.2 126.2 189.2

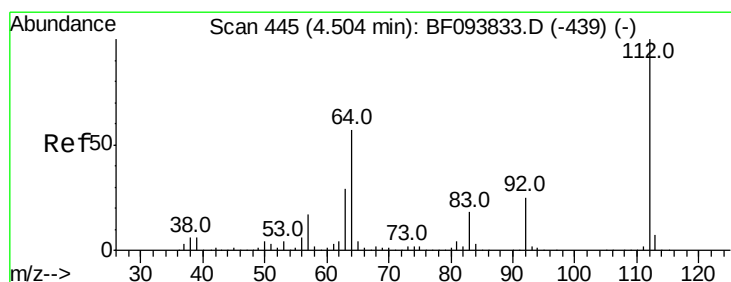
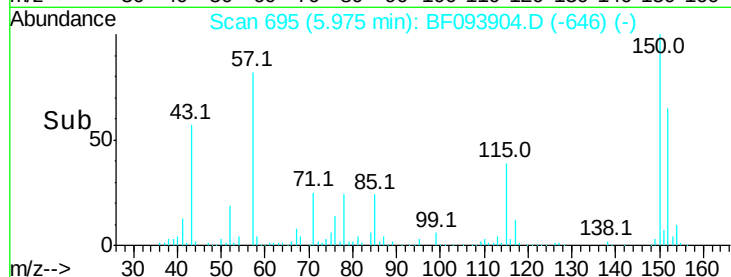
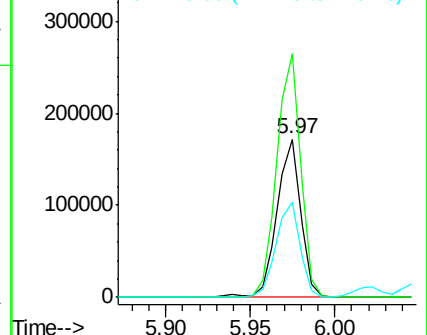
115 60.5 52.2 78.2



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: 56.28 ng

RT: 4.49 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

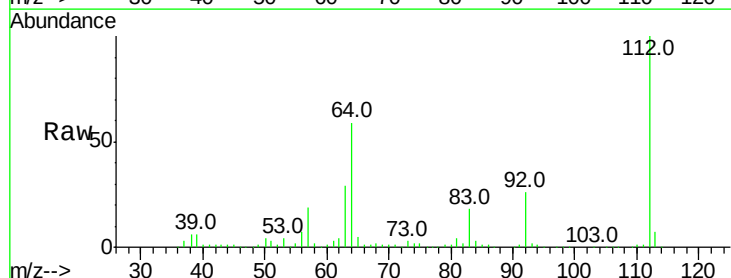
Tgt Ion:112 Resp: 556962

Ion Ratio Lower Upper

112 100

64 59.2 46.0 69.0

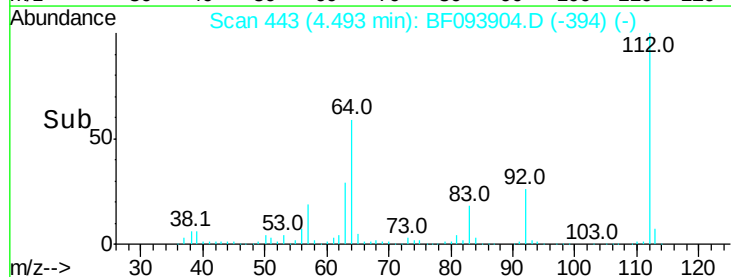
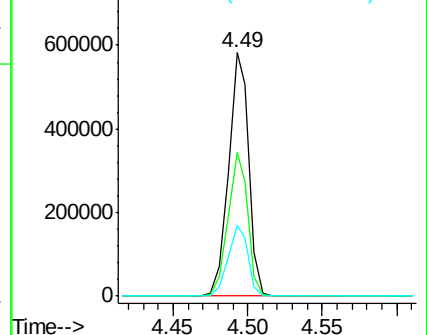
63 29.0 23.4 35.0

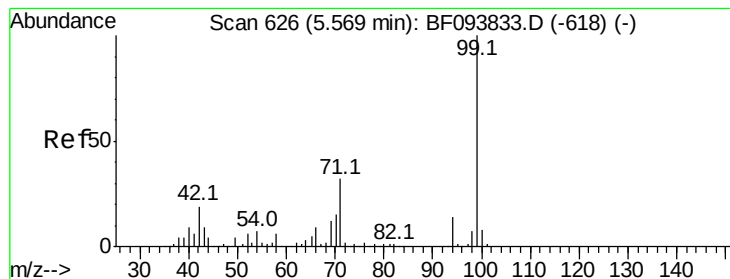


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.45 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

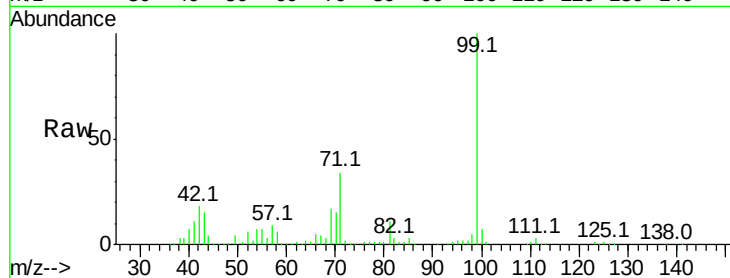
Tot Ion: 99 Resp: 507405

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

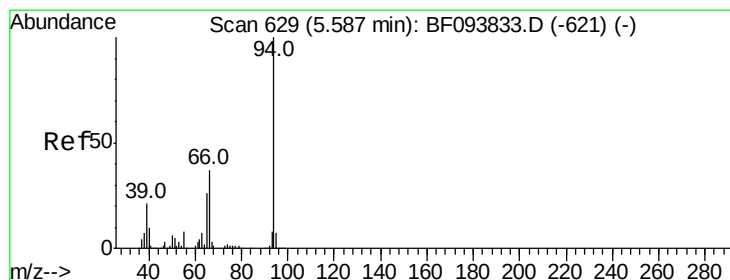
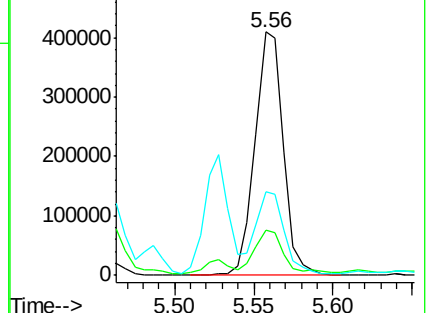
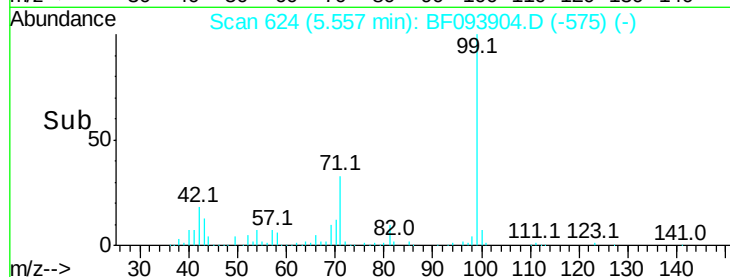
71 34.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 6.24 ng

RT: 5.57 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

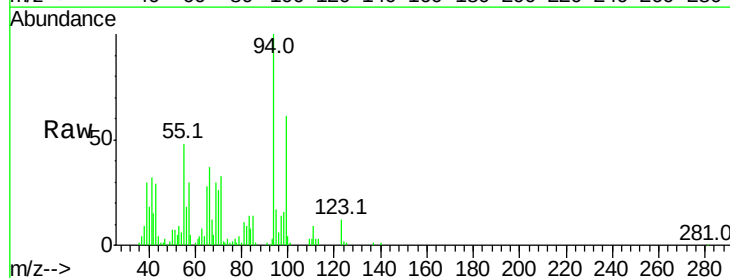
Tgt Ion: 94 Resp: 86929

Ion Ratio Lower Upper

94 100

65 28.4 9.9 49.9

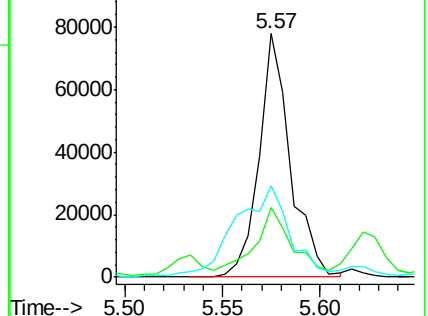
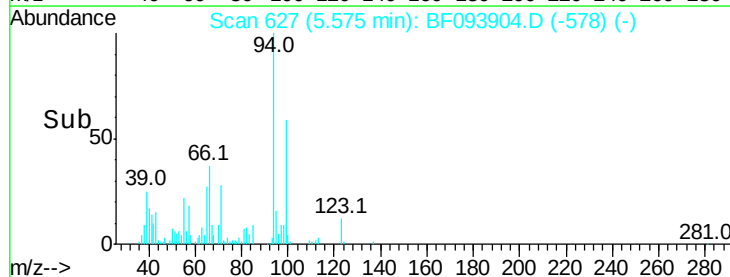
66 37.4 23.1 63.1

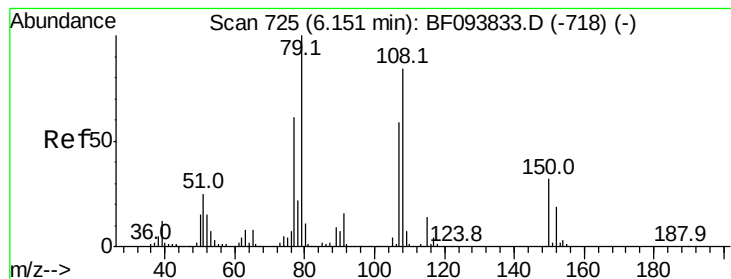


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.81 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampled :

GW2000RE

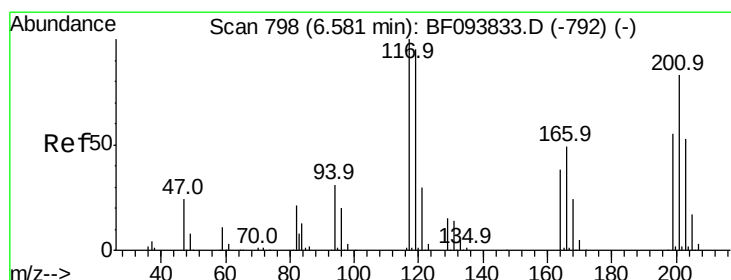
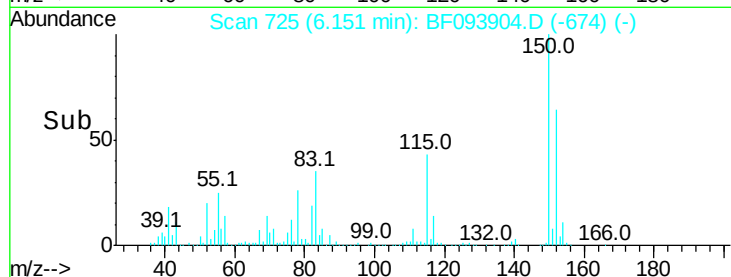
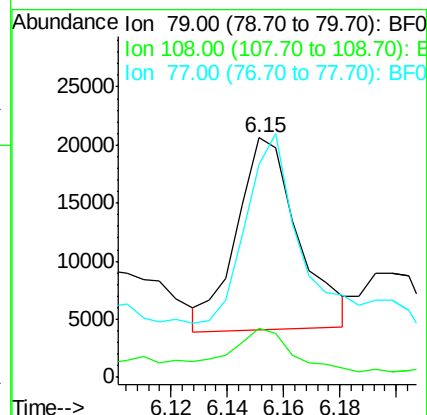
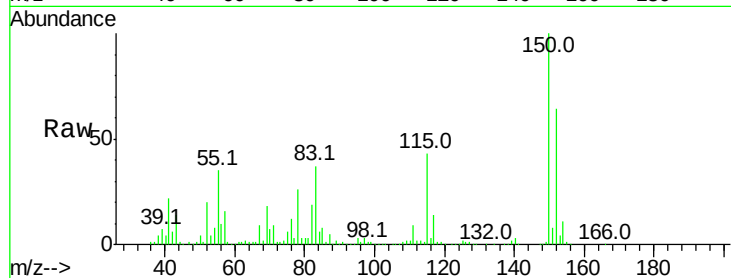
Tot Ion: 79 Resp: 25206

Ion Ratio Lower Upper

79 100

108 20.4 63.4 95.0#

77 89.1 49.2 73.8#



#18

Hexachloroethane

Concen: 5.64 ng

RT: 6.56 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

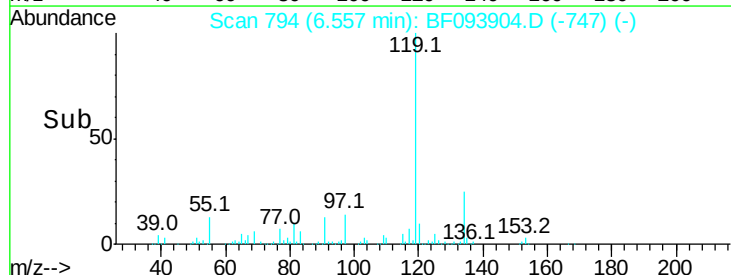
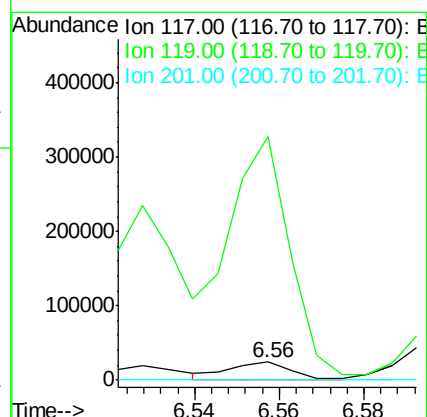
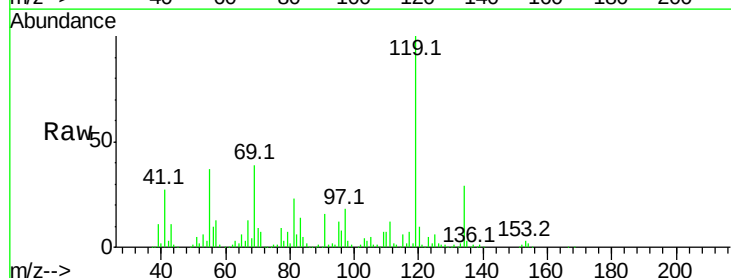
Tgt Ion: 117 Resp: 24493

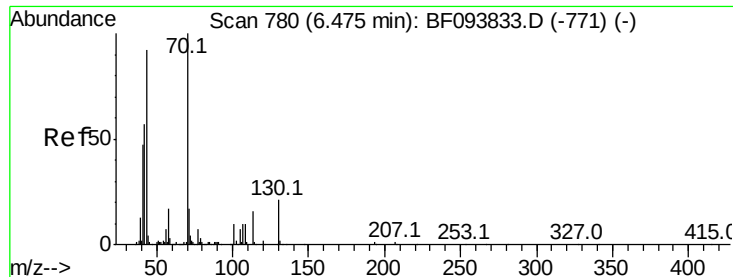
Ion Ratio Lower Upper

117 100

119 1344.5 77.4 116.0#

201 0.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 3.93 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

Tot Ion: 70 Resp: 30923

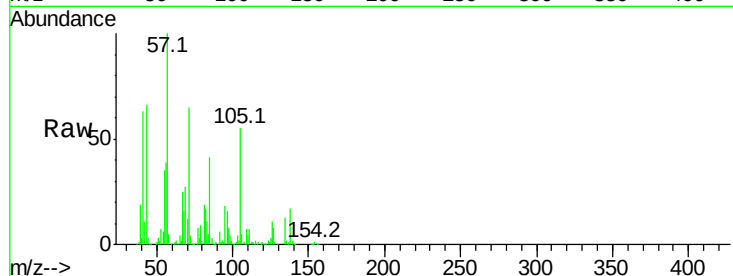
Ion Ratio Lower Upper

70 100

42 96.5 47.2 70.8#

101 0.9 7.2 10.8#

130 0.0 15.9 23.9#

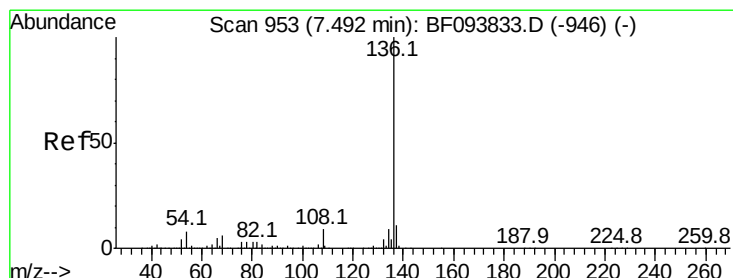
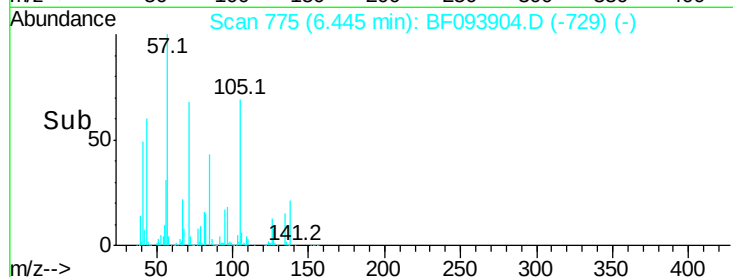
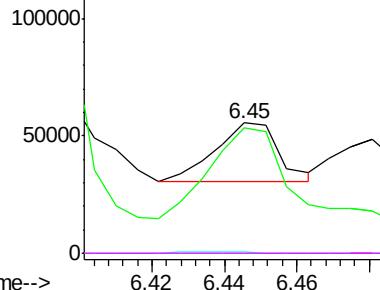


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Tgt Ion: 136 Resp: 449937

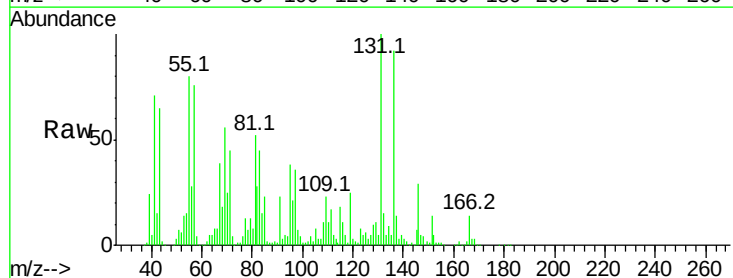
Ion Ratio Lower Upper

136 100

137 15.3 8.5 12.7#

54 16.6 4.9 7.3#

68 19.3 4.1 6.1#

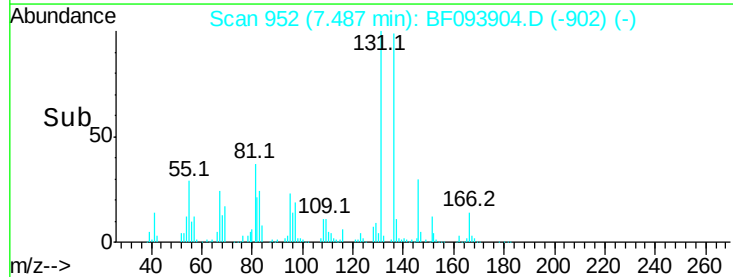
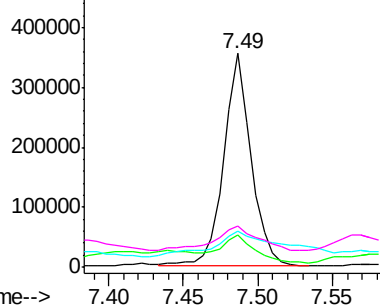


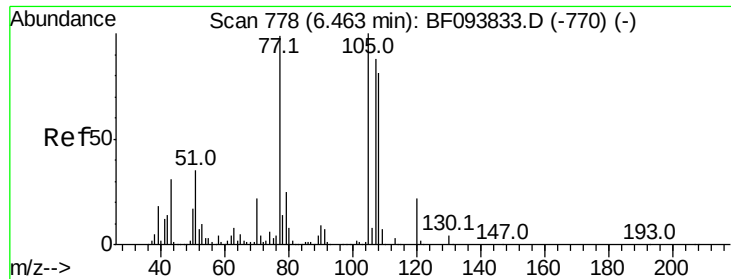
Abundance Ion 136.00 (135.70 to 136.70): BF0

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: 38.97 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF093904.D

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Instrument :

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ClientSampleId :

GW2000RE

Tot Ion:105 Resp: 390766

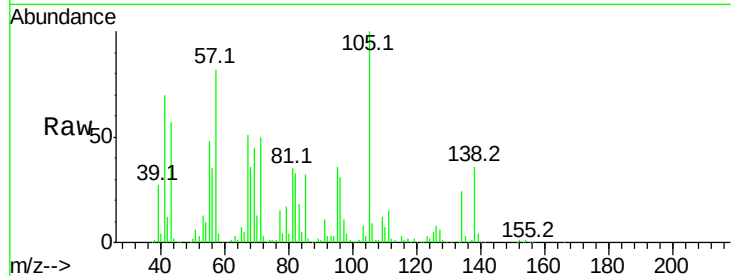
Ion Ratio Lower Upper

105 100

71 50.4 2.8 4.2#

51 6.2 30.7 46.1#

120 0.4 17.4 26.0#

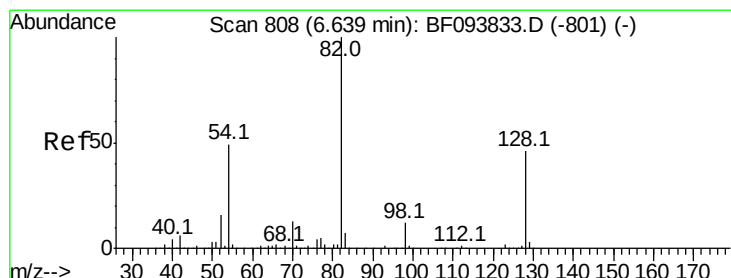
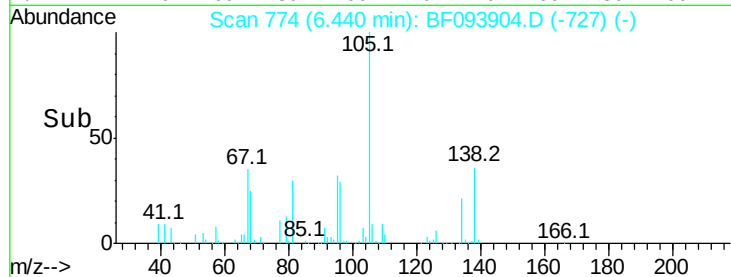
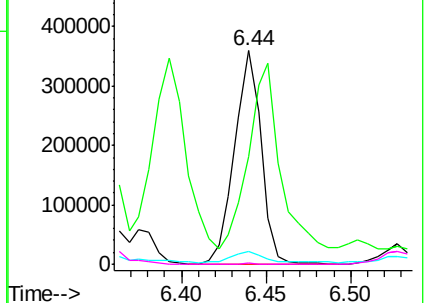


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 120.70 ng

RT: 6.62 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

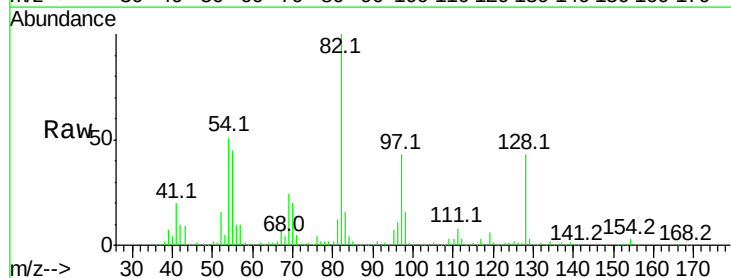
Tgt Ion: 82 Resp: 951648

Ion Ratio Lower Upper

82 100

128 43.3 34.0 51.0

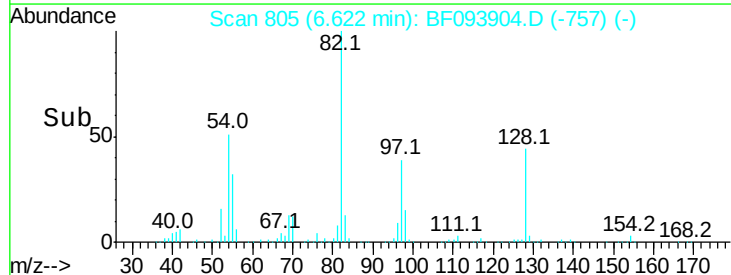
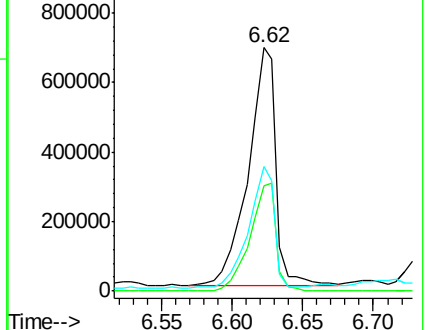
54 51.2 42.2 63.2

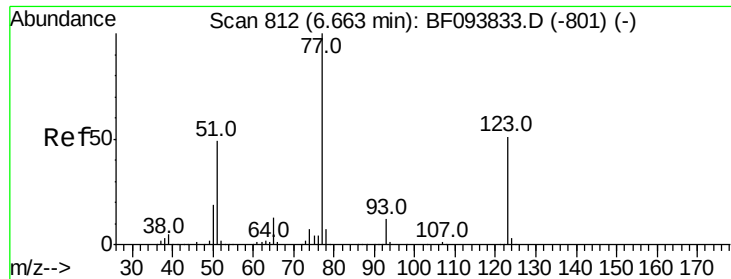


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

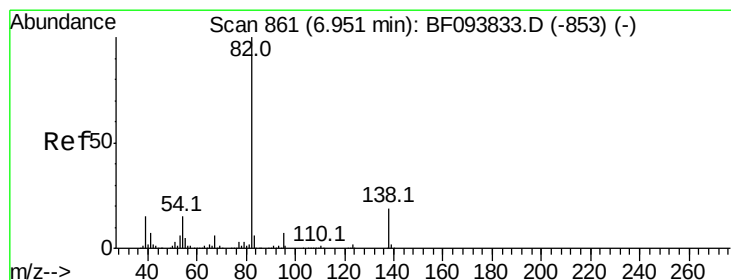
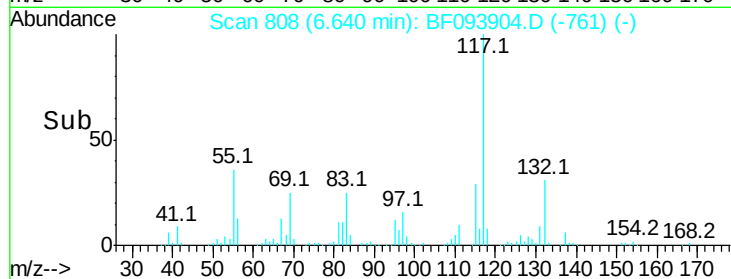
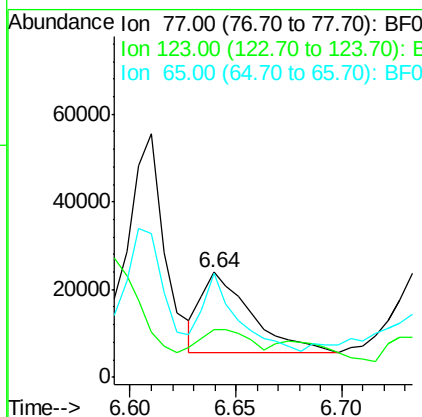
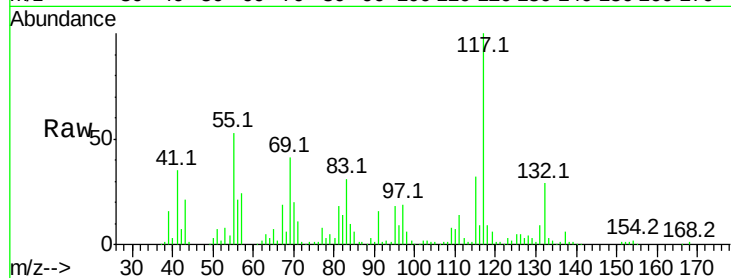




#24
 Nitrobenzene
 Concen: 3.80 ng
 RT: 6.64 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

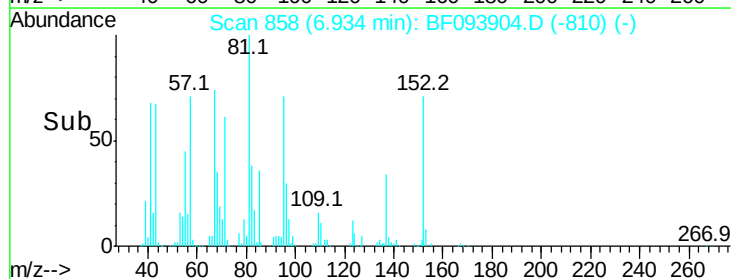
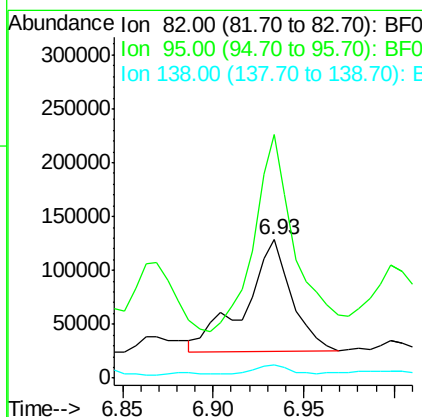
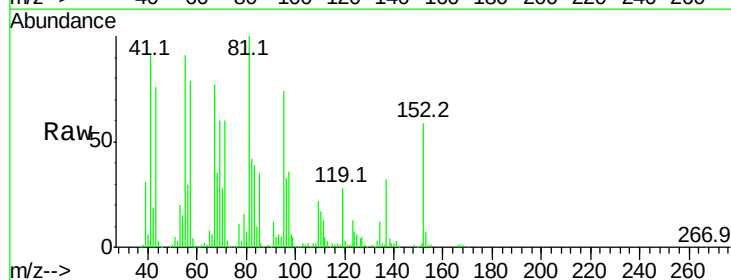
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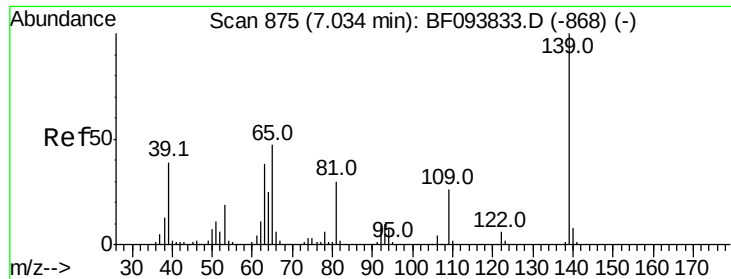
Tot Ion: 77 Resp: 29530
 Ion Ratio Lower Upper
 77 100
 123 46.1 35.8 53.8
 65 99.3 10.6 15.8#



#25
 Isophorone
 Concen: 13.40 ng
 RT: 6.93 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion: 82 Resp: 185667
 Ion Ratio Lower Upper
 82 100
 95 176.2 5.3 7.9#
 138 9.6 13.1 19.7#





#26

2-Nitrophenol

Concen: 3.63 ng

RT: 7.06 min Scan# 880

Delta R.T. 0.03 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

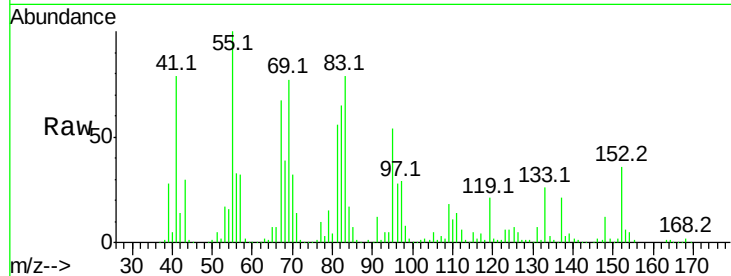
Tot Ion:139 Resp: 13464

Ion Ratio Lower Upper

139 100

109 487.3 21.0 31.6#

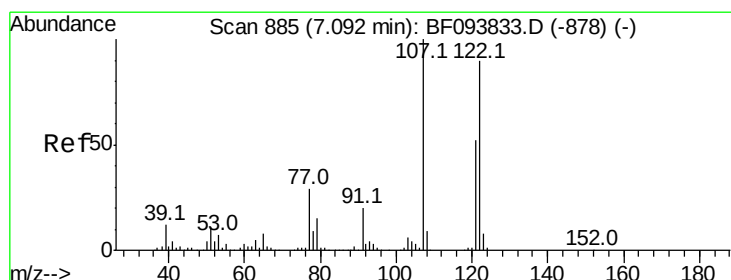
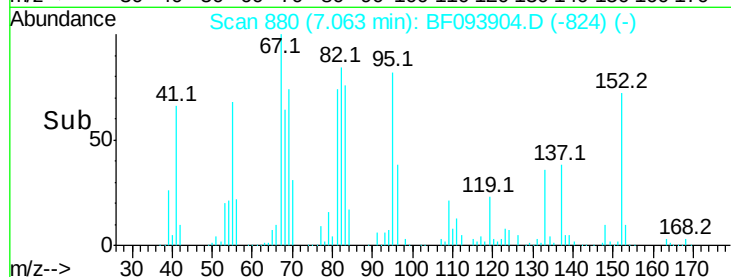
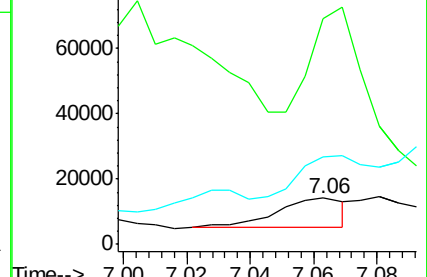
65 188.7 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27

2,4-Dimethylphenol

Concen: 2.50 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

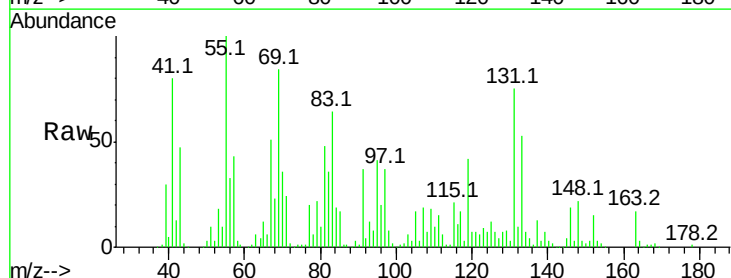
Tgt Ion:122 Resp: 15980

Ion Ratio Lower Upper

122 100

107 288.5 89.2 133.8#

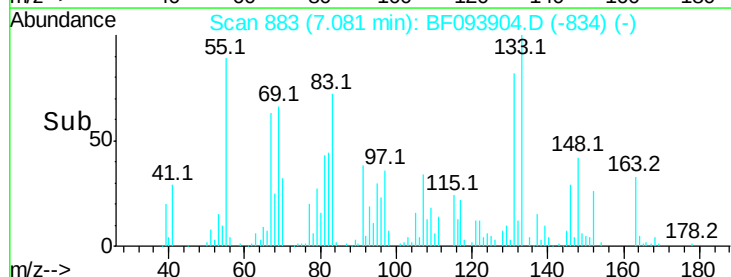
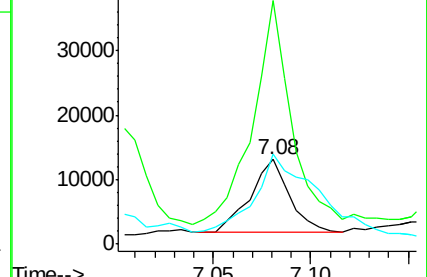
121 107.3 45.2 67.8#

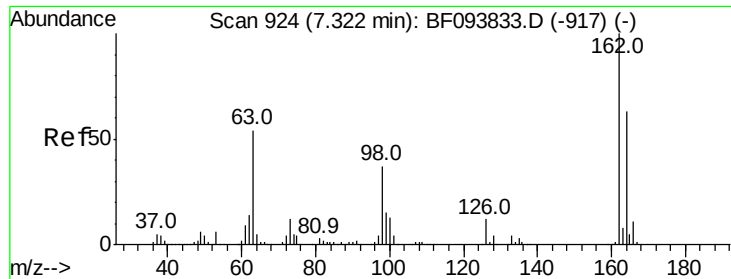


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#29

2,4-Dichlorophenol

Concen: 4.22 ng

RT: 7.33 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

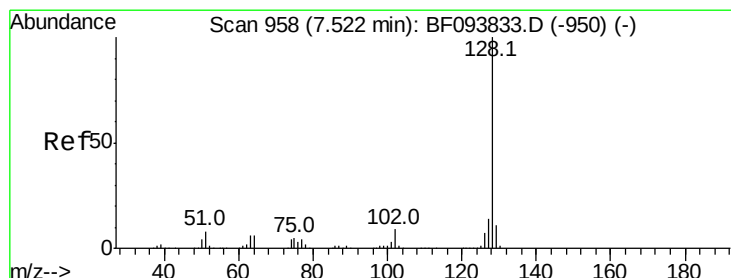
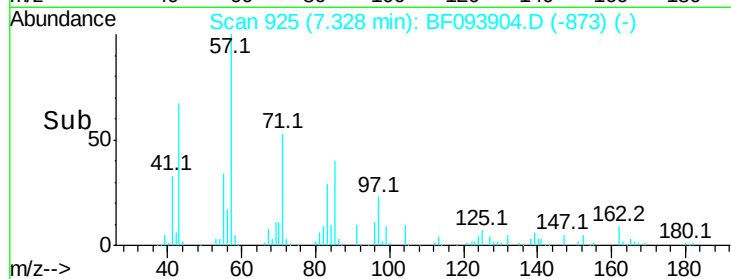
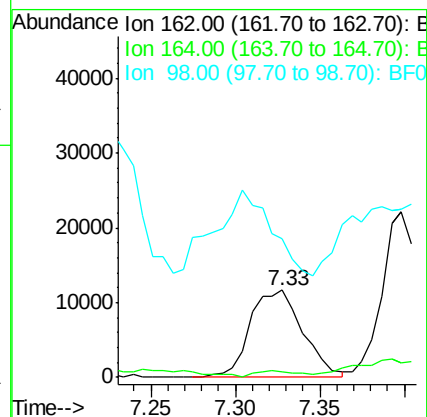
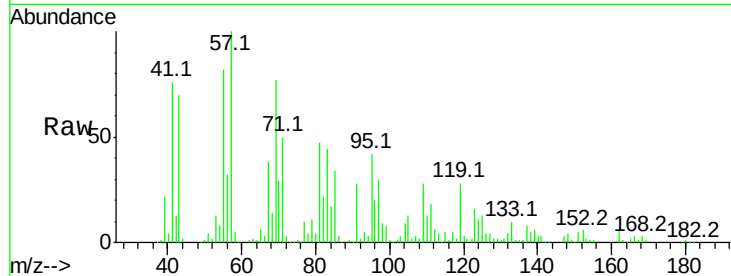
Tot Ion:162 Resp: 25196

Ion Ratio Lower Upper

162 100

164 6.8 44.6 84.6#

98 159.6 14.8 54.8#



#31

Naphthalene

Concen: 6.32 ng

RT: 7.49 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

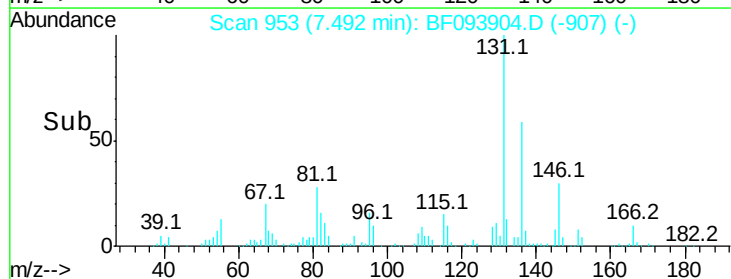
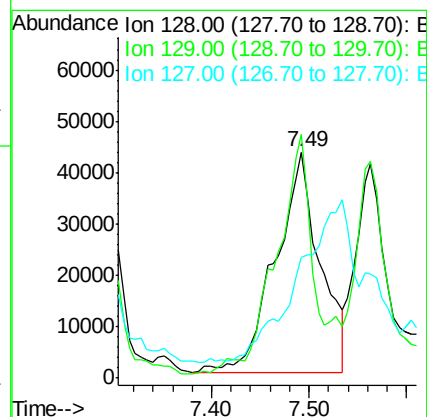
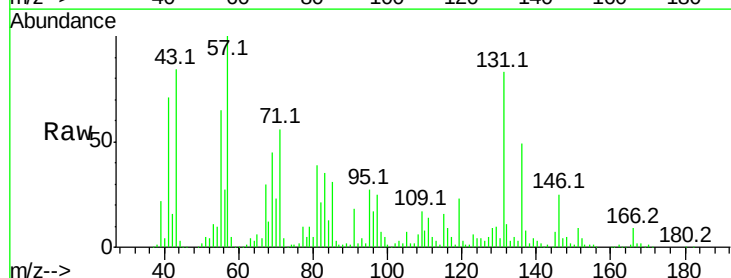
Tgt Ion:128 Resp: 136779

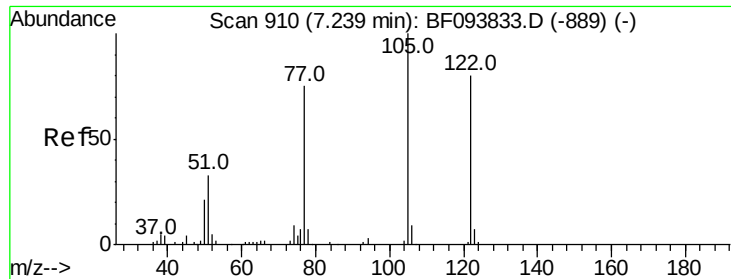
Ion Ratio Lower Upper

128 100

129 107.8 9.0 13.6#

127 53.6 10.8 16.2#





#32

Benzoic acid

Concen: 4.52 ng

RT: 7.26 min Scan# 913

Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

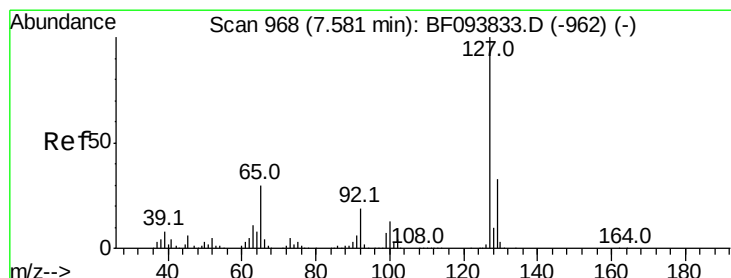
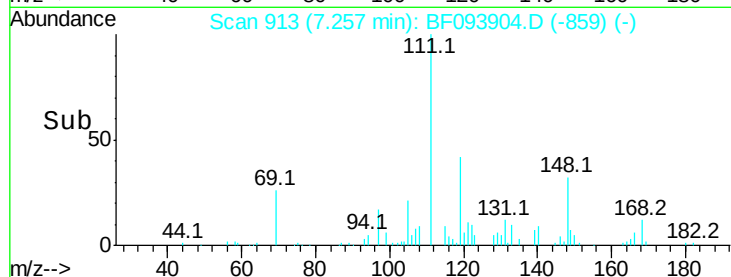
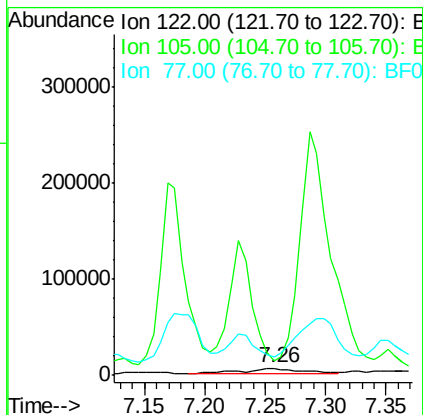
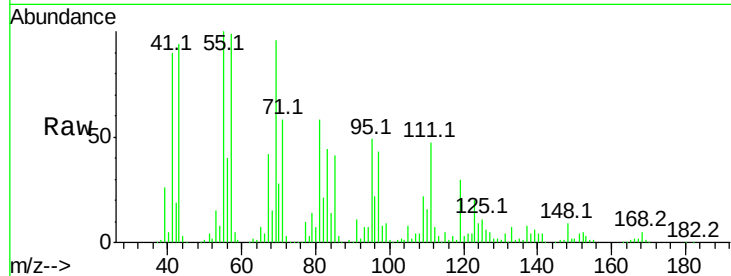
Tot Ion:122 Resp: 19215

Ion Ratio Lower Upper

122 100

105 195.2 103.3 143.3#

77 249.8 73.7 113.7#



#33

4-Chloroaniline

Concen: 13.45 ng

RT: 7.53 min Scan# 960

Delta R.T. -0.05 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Tgt Ion:127 Resp: 117955

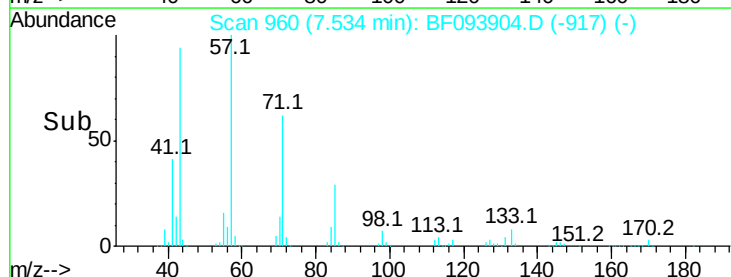
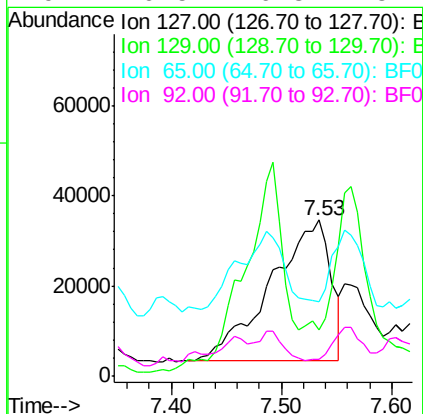
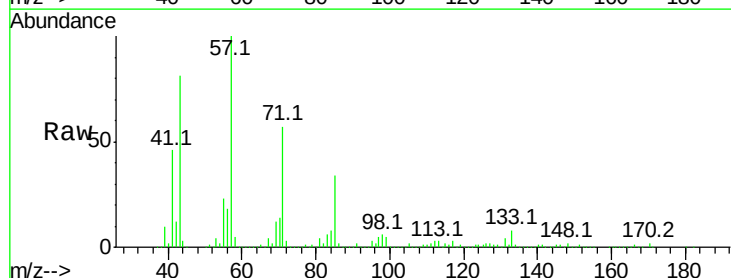
Ion Ratio Lower Upper

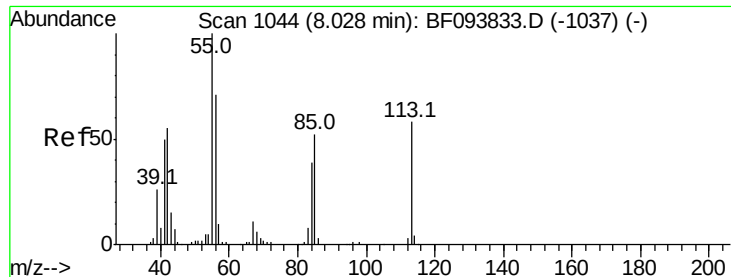
127 100

129 29.3 26.2 39.2

65 48.0 27.8 41.8#

92 10.5 16.8 25.2#





#35

Caprolactam

Concen: 20.62 ng

RT: 8.01 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

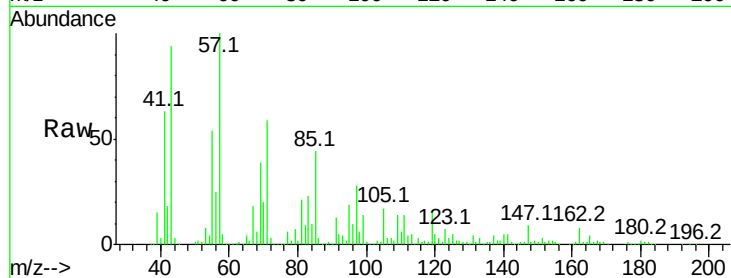
Tot Ion:113 Resp: 39278

Ion Ratio Lower Upper

113 100

55 1004.5 150.2 190.2#

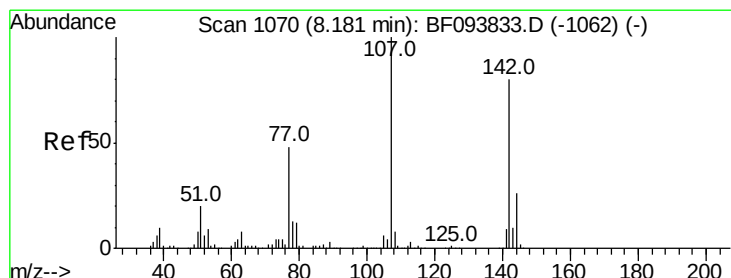
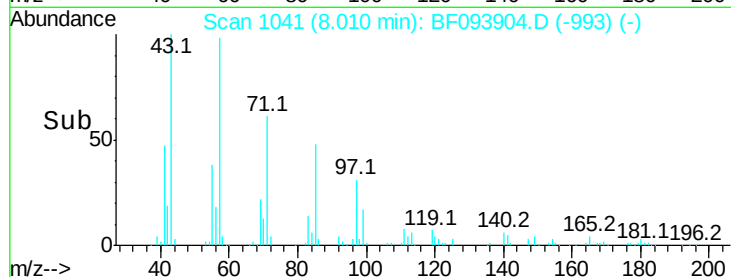
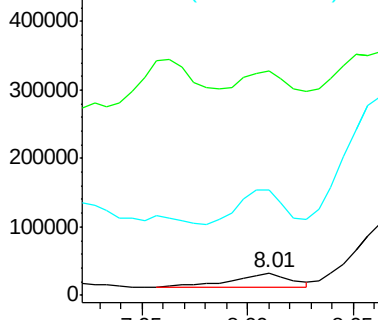
56 470.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 5.25 ng

RT: 8.16 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

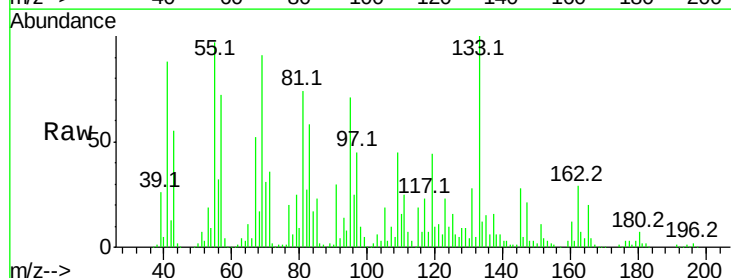
Tgt Ion:107 Resp: 32744

Ion Ratio Lower Upper

107 100

144 9.7 24.2 36.4#

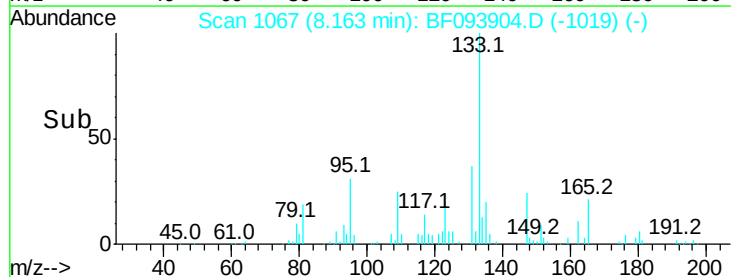
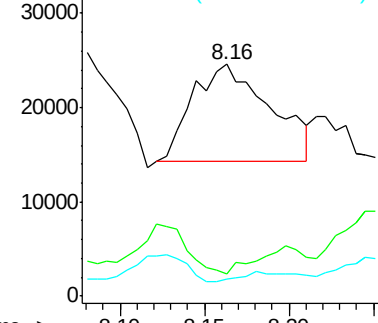
142 7.4 73.4 110.0#

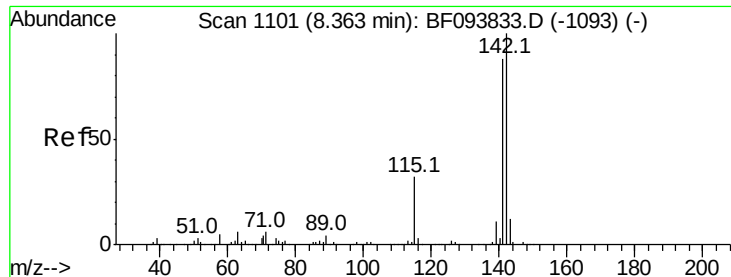


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

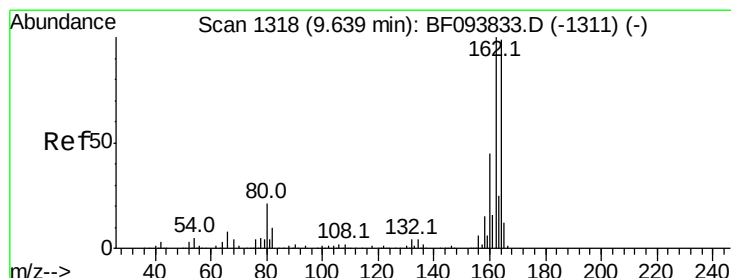
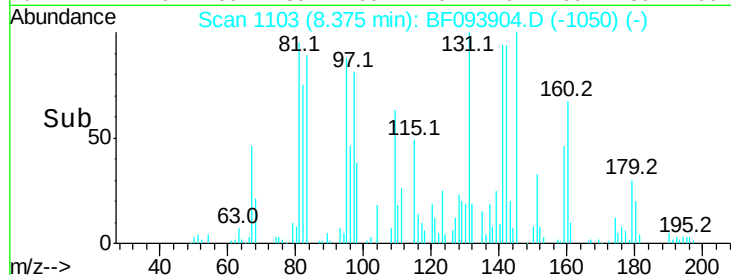
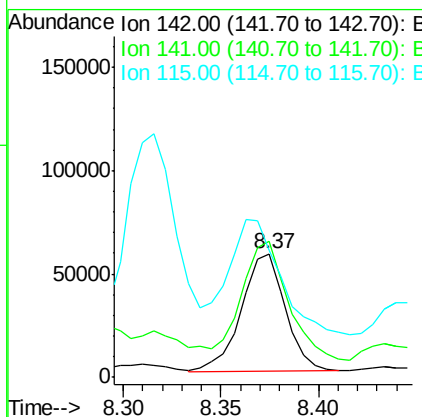
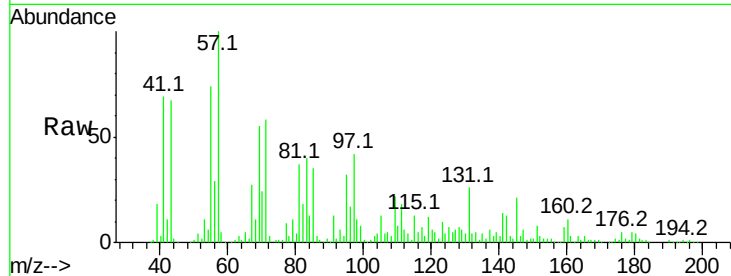




#37
 2-Methylnaphthalene
 Concen: 6.15 ng
 RT: 8.37 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

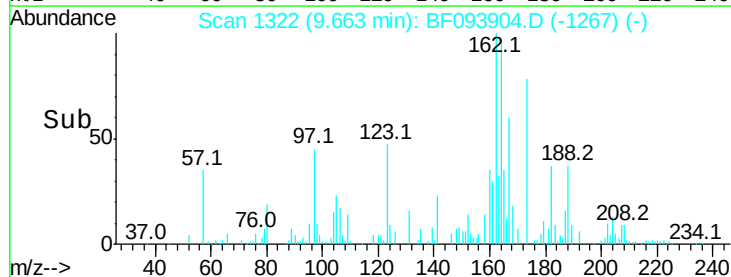
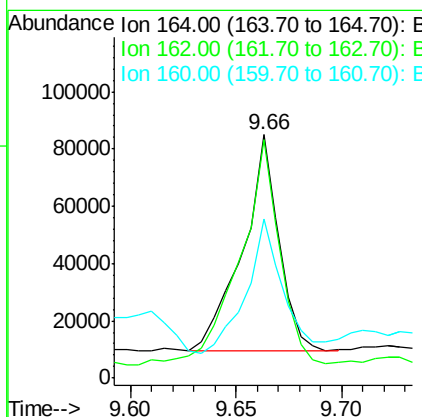
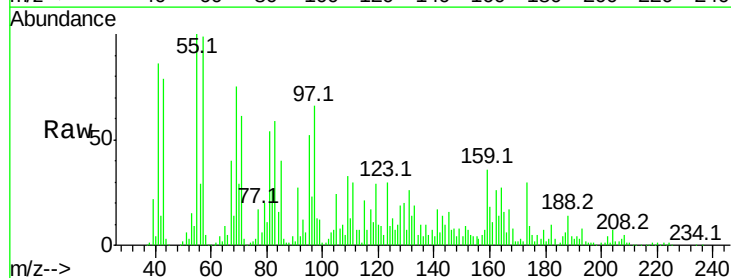
Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

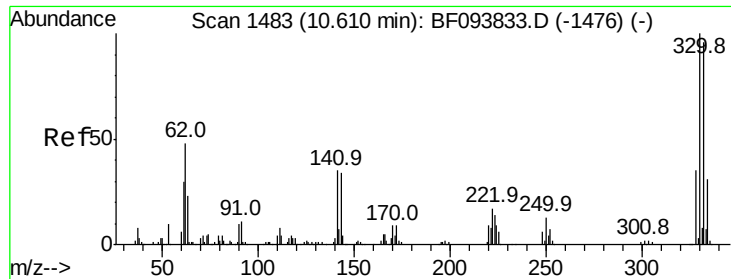
Tot Ion:142 Resp: 88740
 Ion Ratio Lower Upper
 142 100
 141 110.3 71.3 106.9#
 115 103.4 27.1 40.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. 0.02 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion:164 Resp: 89838
 Ion Ratio Lower Upper
 164 100
 162 97.9 82.6 123.8
 160 65.5 36.2 54.2#

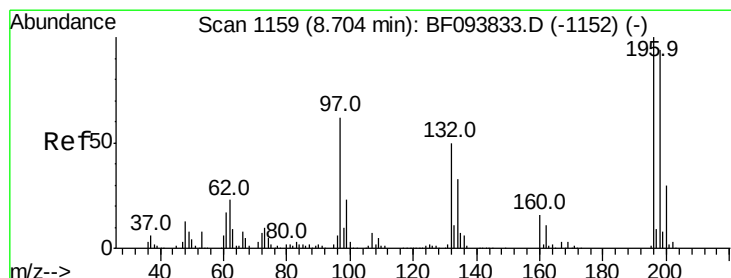
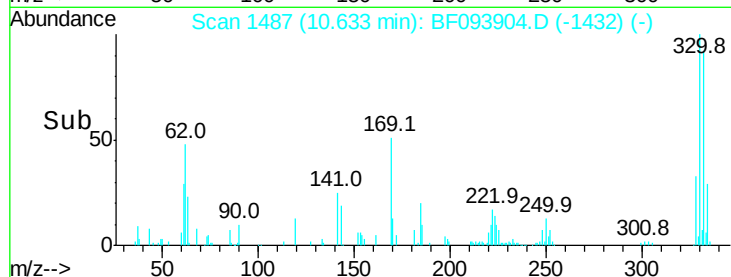
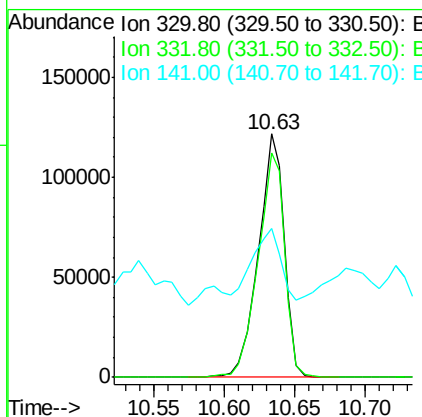
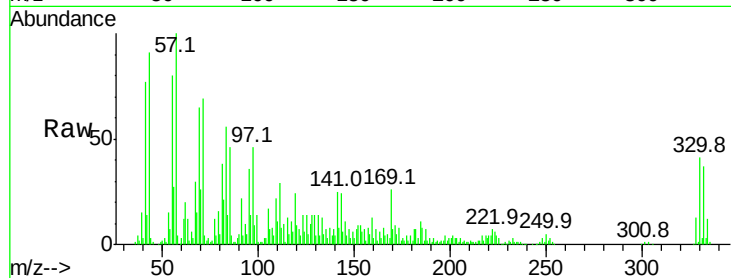




#41
 2,4,6-Tribromophenol
 Concen: 220.71 ng
 RT: 10.63 min Scan# 1487
 Delta R.T. 0.02 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

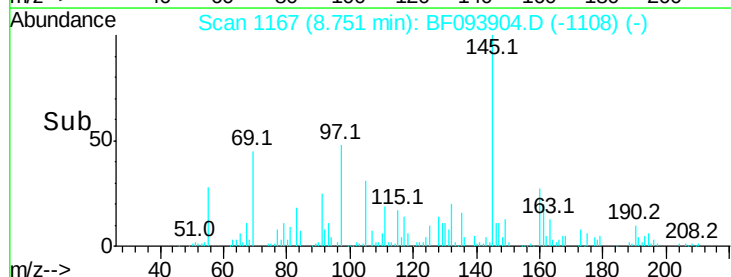
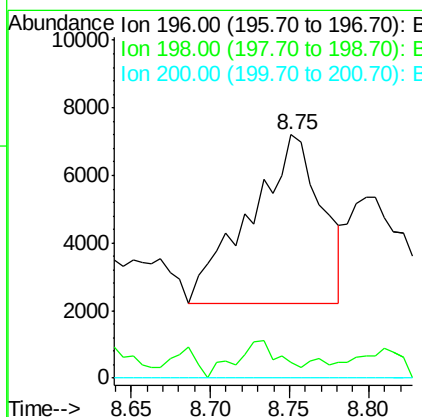
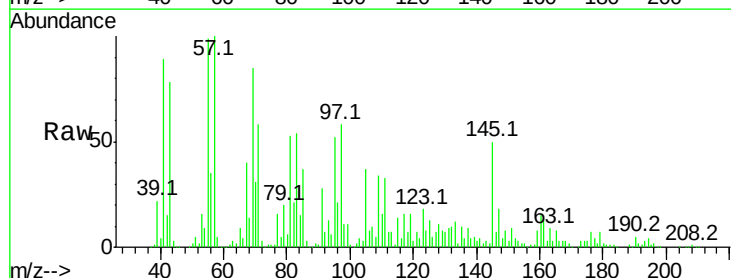
Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

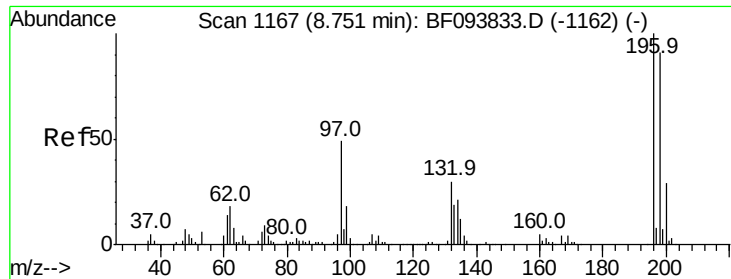
Tot Ion:330 Resp: 156688
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 31.2 31.4 47.2#



#42
 2,4,6-Trichlorophenol
 Concen: 9.00 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.05 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion:196 Resp: 15649
 Ion Ratio Lower Upper
 196 100
 198 6.7 74.2 111.4#
 200 0.0 24.0 36.0#

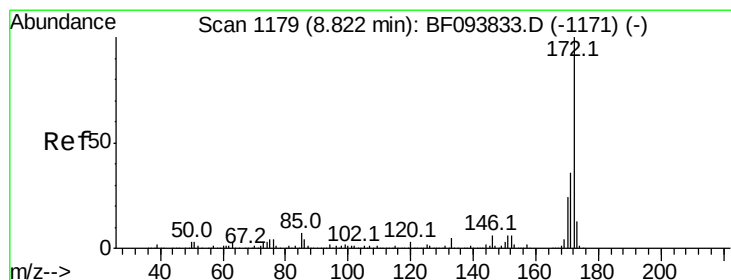
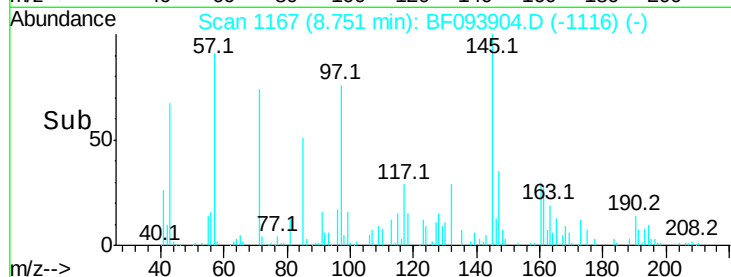
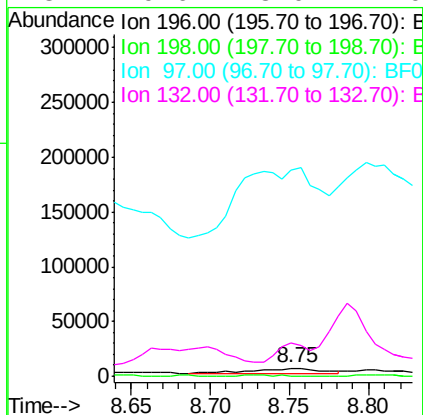
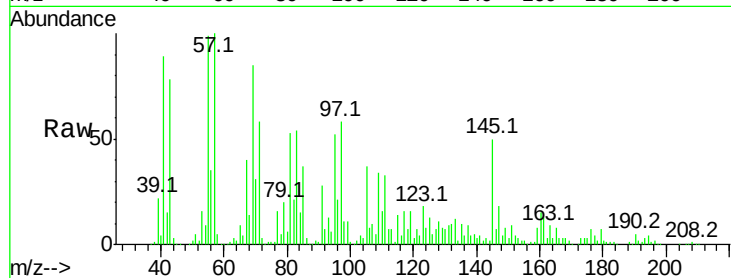




#43
 2,4,5-Trichlorophenol
 Concen: 8.32 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

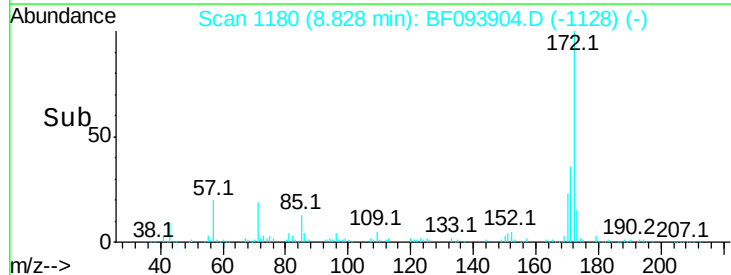
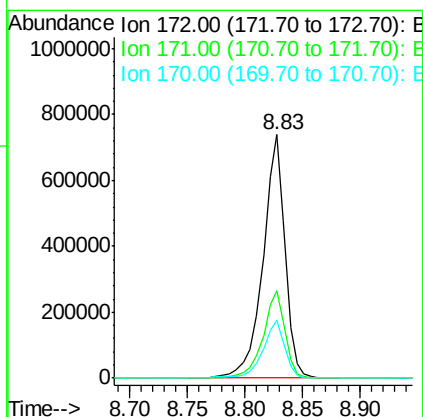
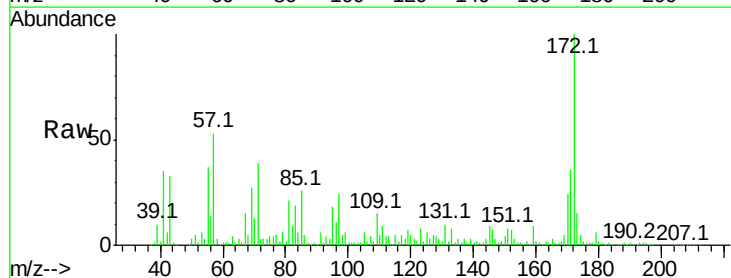
Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

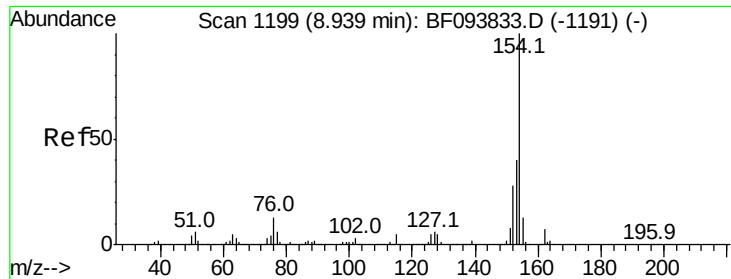
Tot Ion:196 Resp: 15649
 Ion Ratio Lower Upper
 196 100
 198 6.7 75.7 113.5#
 97 2614.3 47.7 71.5#
 132 429.6 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 167.64 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion:172 Resp: 987420
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.6 19.8 29.8

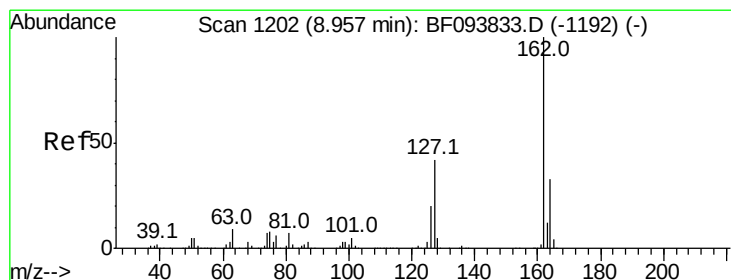
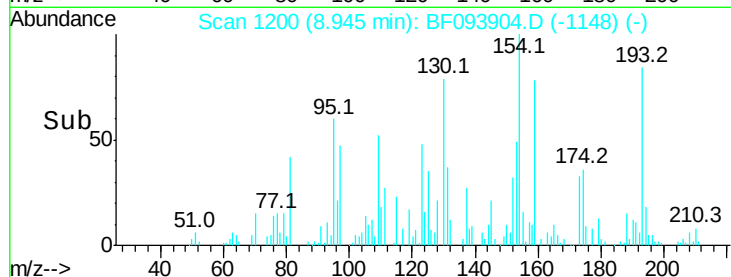
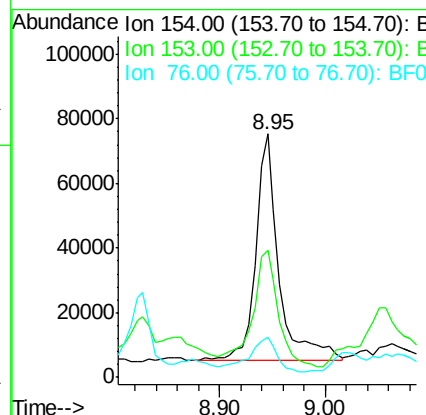
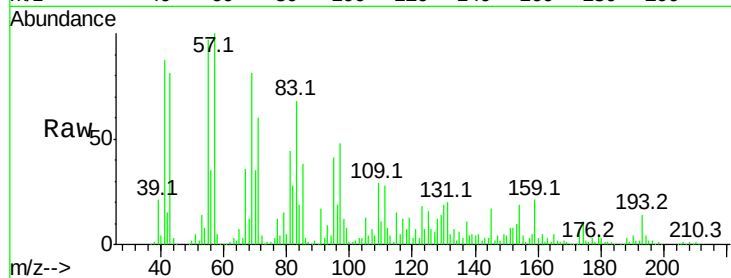




#45
 1,1'-Biphenyl
 Concen: 14.89 ng
 RT: 8.95 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

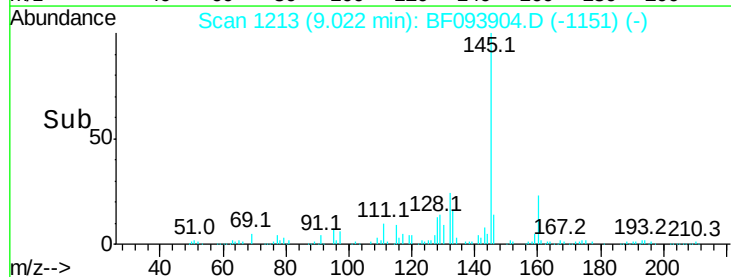
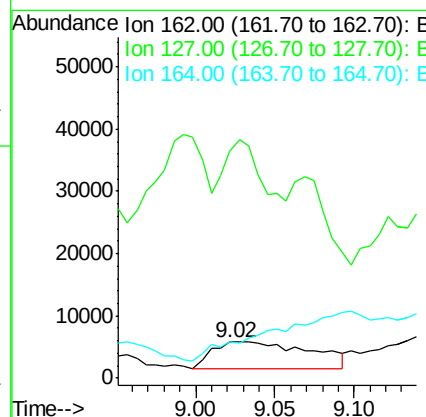
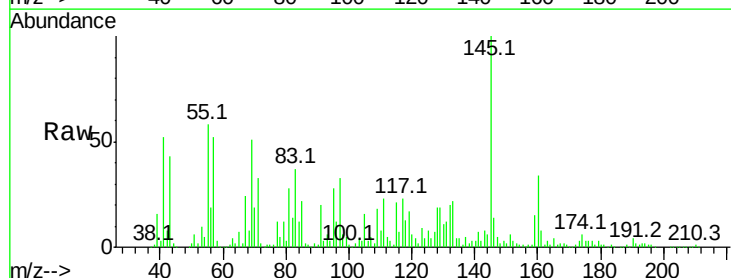
Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

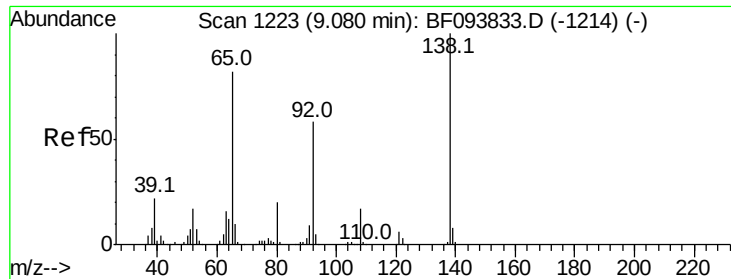
Tot Ion	Ratio	Lower	Upper
154	100		
153	52.4	21.2	61.2
76	16.6	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 3.19 ng
 RT: 9.02 min Scan# 1213
 Delta R.T. 0.06 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	626.3	28.3	42.5#
164	100.1	27.0	40.4#

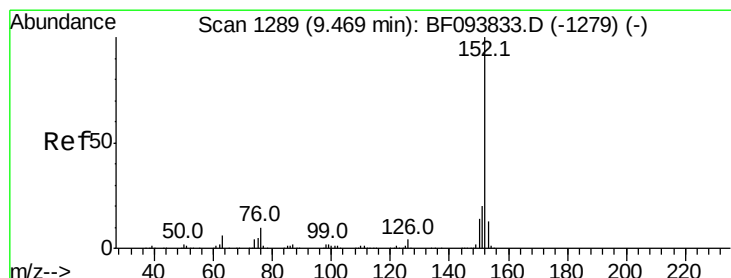
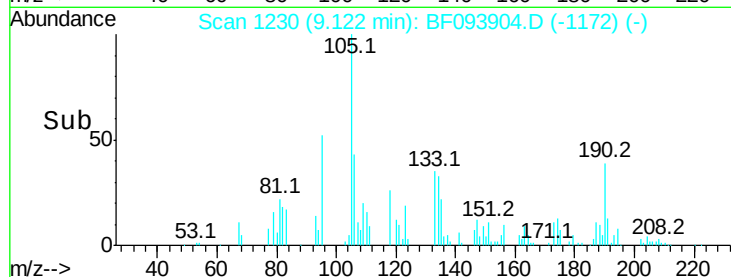
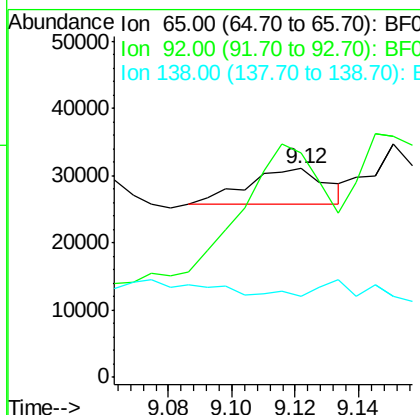
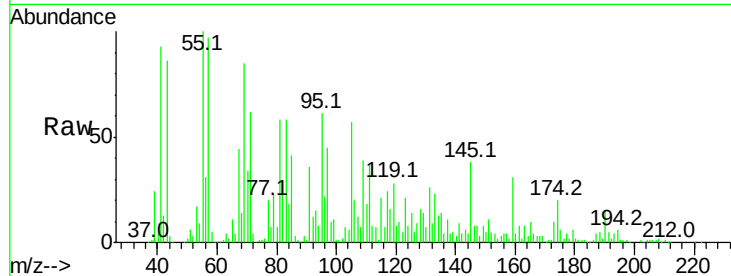




#47
2-Nitroaniline
Concen: 5.47 ng
RT: 9.12 min Scan# 1230
Delta R.T. 0.04 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

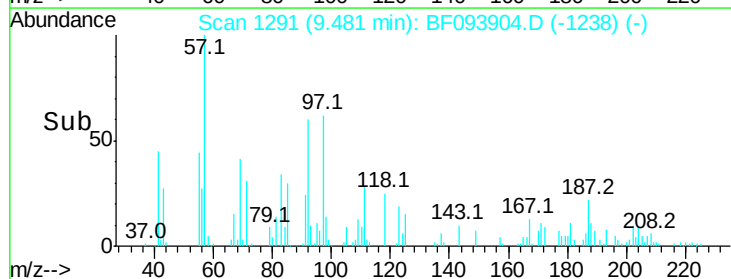
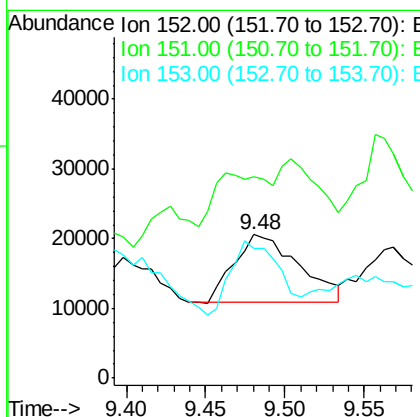
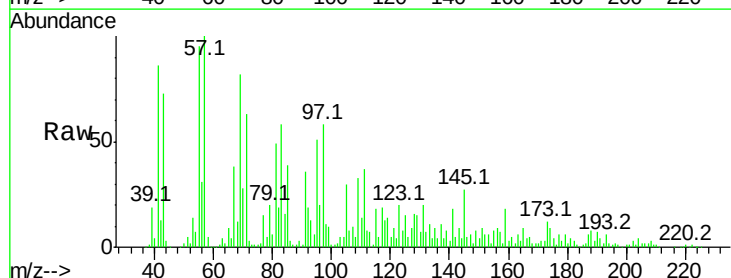
Instrument :
BNA_F
ClientSampleId :
GW2000RE

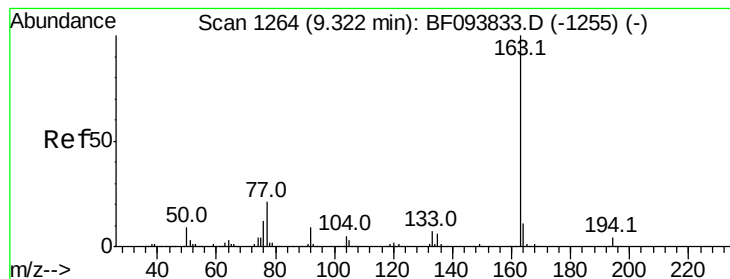
Tot Ion: 65 Resp: 9201
Ion Ratio Lower Upper
65 100
92 107.7 53.9 80.9#
138 38.8 78.8 118.2#



#48
Acenaphthylene
Concen: 2.91 ng
RT: 9.48 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Tgt Ion: 152 Resp: 27416
Ion Ratio Lower Upper
152 100
151 140.6 16.8 25.2#
153 90.4 10.8 16.2#





#49

Dimethylphthalate

Concen: 10.50 ng

RT: 9.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

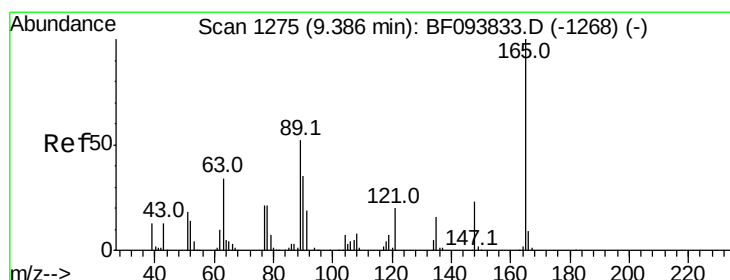
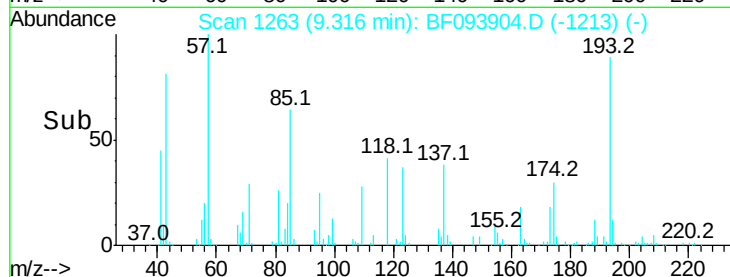
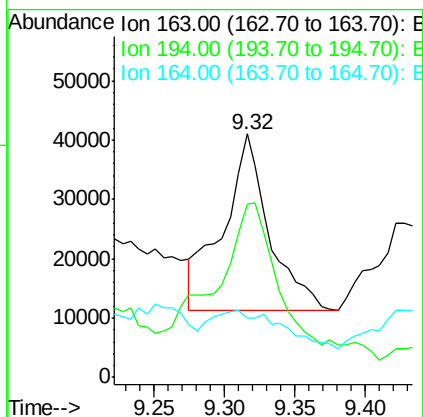
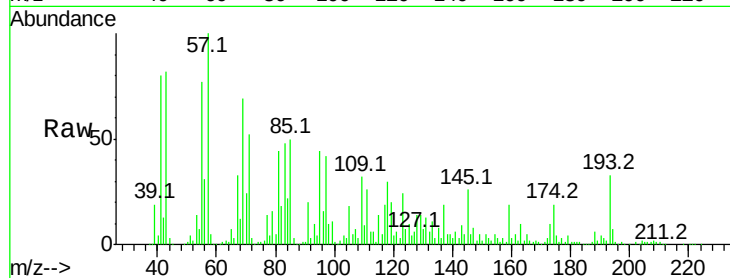
Tot Ion:163 Resp: 67033

Ion Ratio Lower Upper

163 100

194 71.1 2.6 4.0#

164 24.2 8.4 12.6#



#50

2,6-Dinitrotoluene

Concen: 25.01 ng

RT: 9.43 min Scan# 1283

Delta R.T. 0.05 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

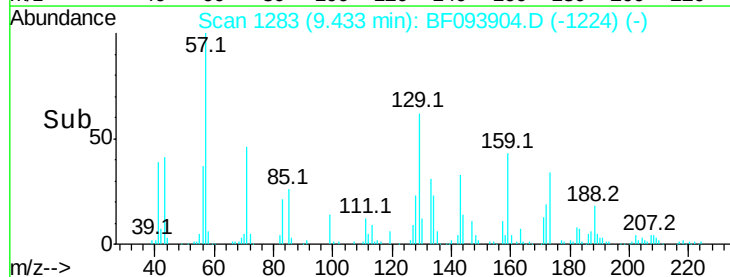
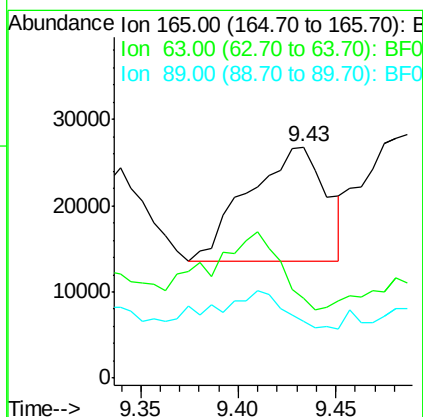
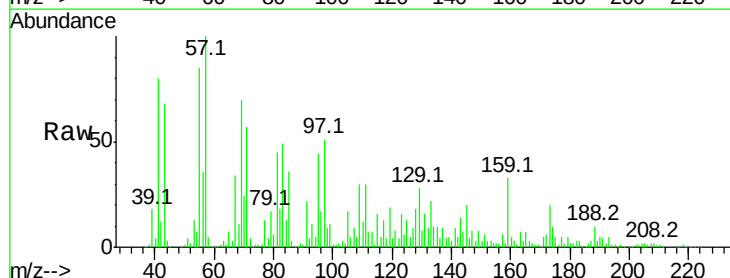
Tgt Ion:165 Resp: 36606

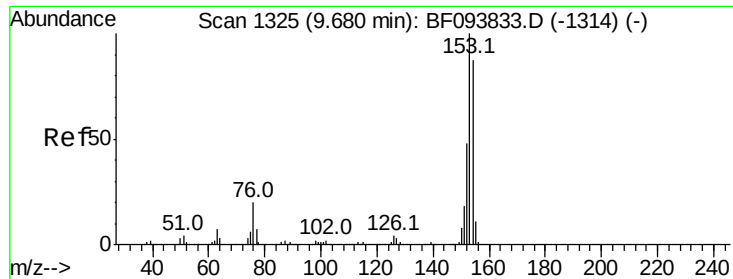
Ion Ratio Lower Upper

165 100

63 34.5 34.3 51.5

89 24.3 37.1 55.7#





#51

Acenaphthene

Concen: 4.79 ng

RT: 9.69 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

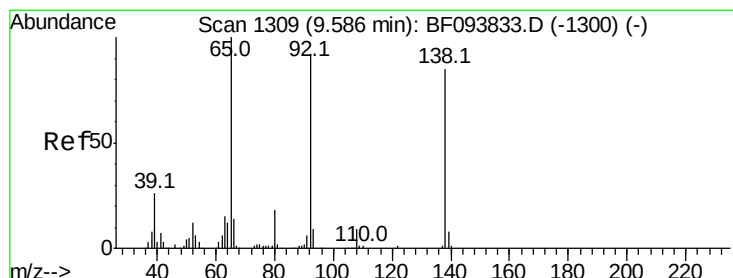
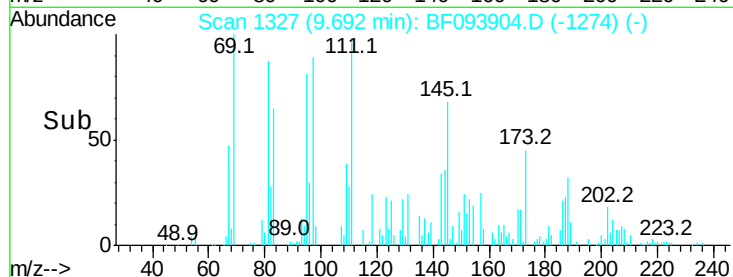
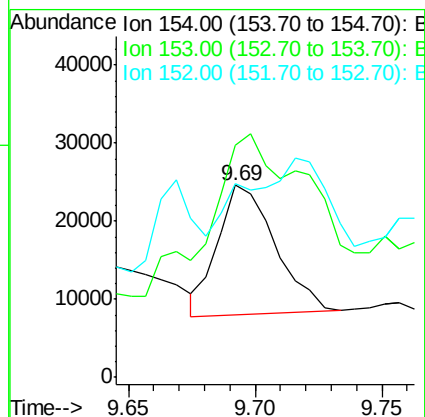
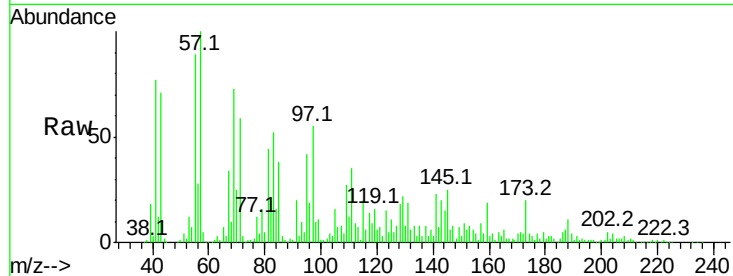
Tot Ion:154 Resp: 26356

Ion Ratio Lower Upper

154 100

153 120.9 90.5 135.7

152 100.6 43.6 65.4#



#52

3-Nitroaniline

Concen: 22.73 ng

RT: 9.56 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

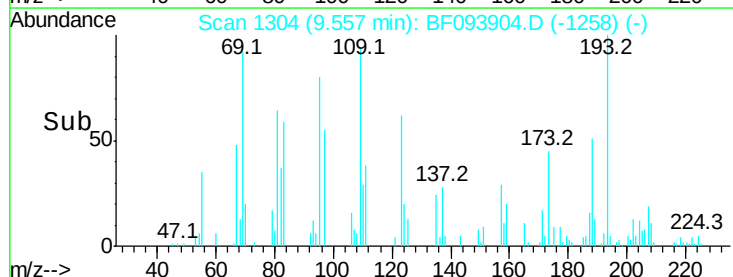
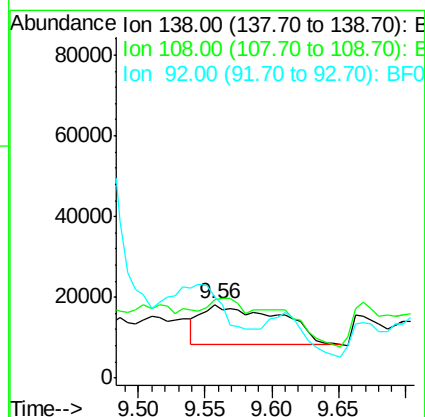
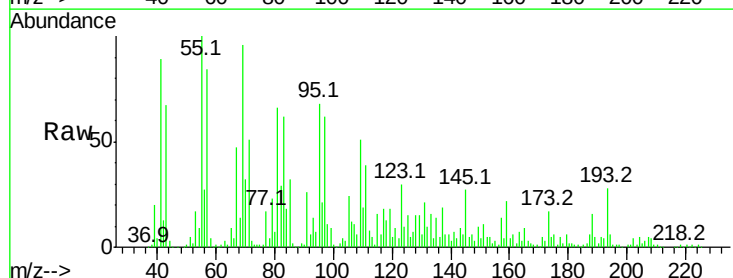
Tgt Ion:138 Resp: 39068

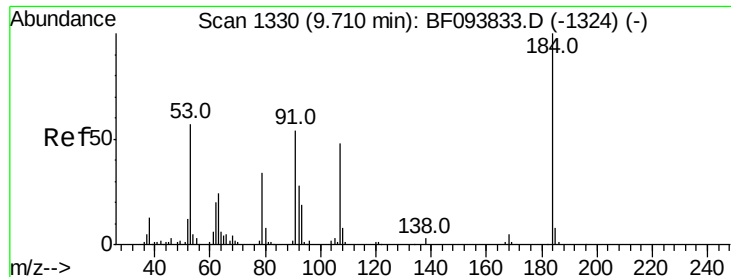
Ion Ratio Lower Upper

138 100

108 105.8 9.1 13.7#

92 109.7 93.8 140.6





#53

2,4-Dinitrophenol

Concen: 6.74 ng

RT: 9.72 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

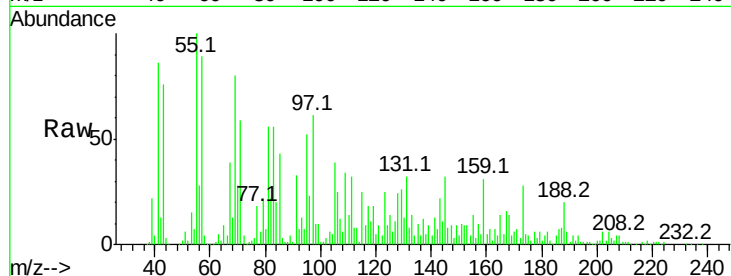
Tot Ion:184 Resp: 1727

Ion Ratio Lower Upper

184 100

63 1242.9 62.7 94.1#

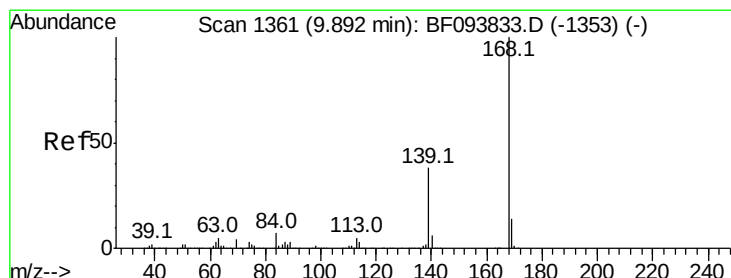
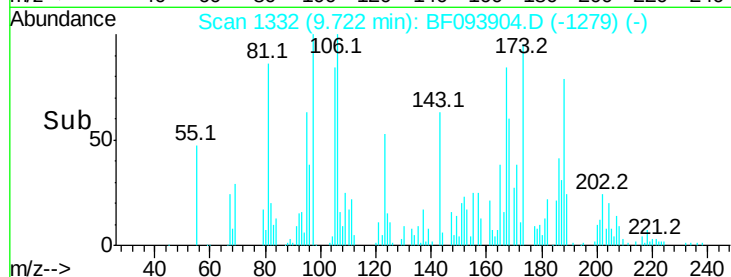
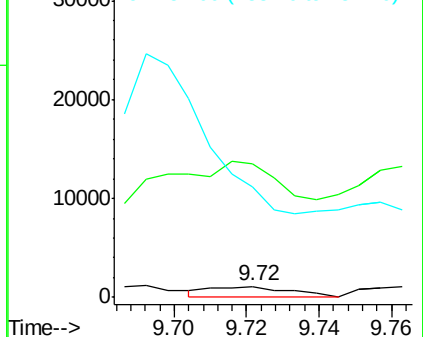
154 1025.2 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 3.23 ng

RT: 9.91 min Scan# 1364

Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

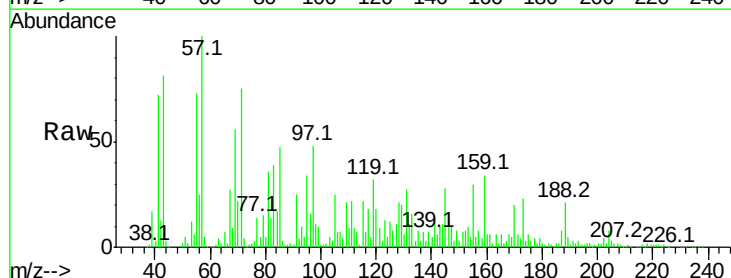
Tgt Ion:168 Resp: 24206

Ion Ratio Lower Upper

168 100

139 131.1 30.6 45.8#

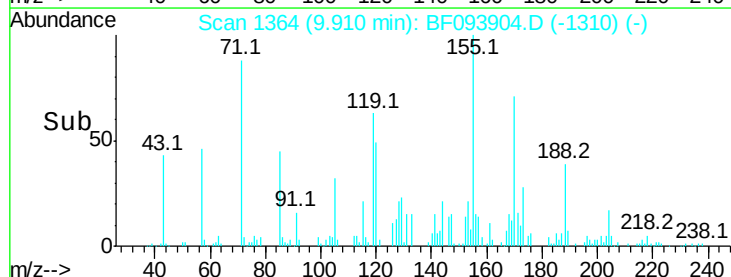
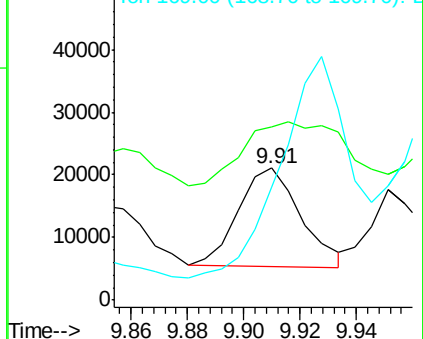
169 85.7 10.8 16.2#

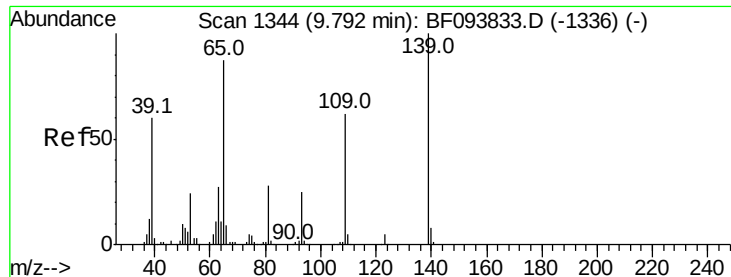


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

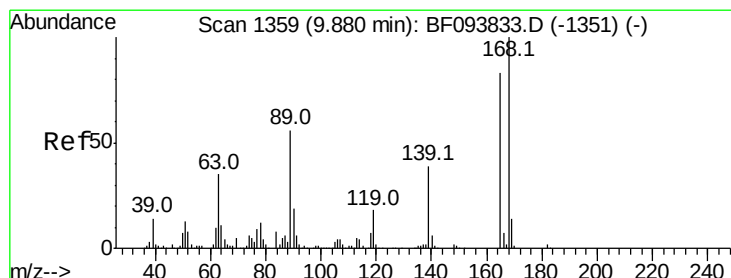
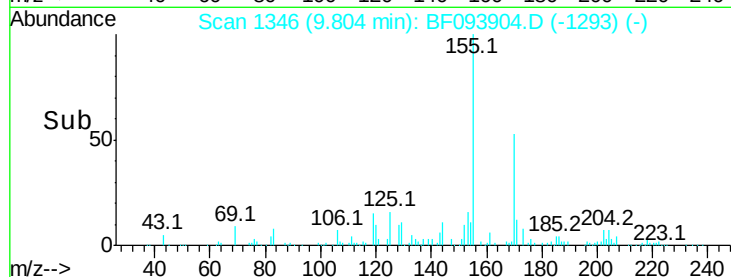
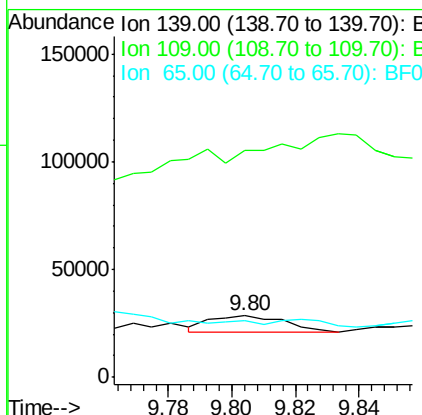
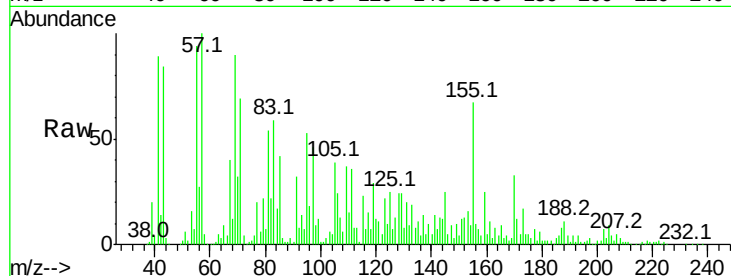




#55
4-Nitrophenol
Concen: 9.73 ng
RT: 9.80 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

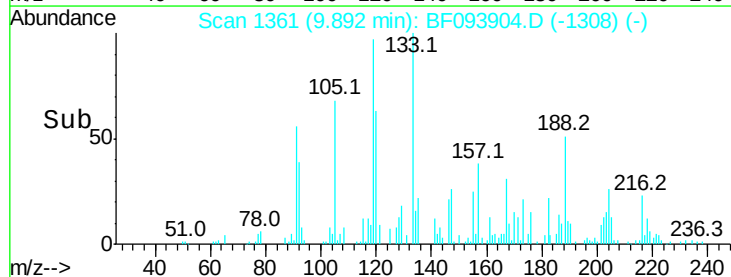
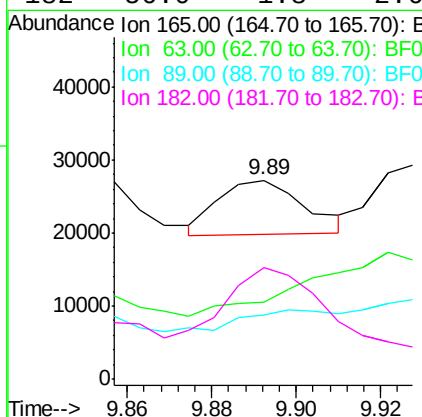
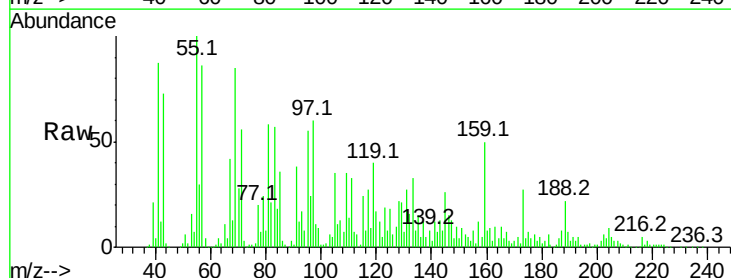
Instrument :
BNA_F
ClientSampled :
GW2000RE

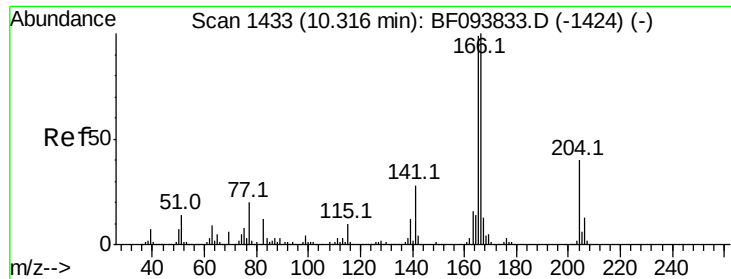
Tot Ion:139 Resp: 13099
Ion Ratio Lower Upper
139 100
109 369.4 34.1 74.1#
65 91.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.89 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Tgt Ion:165 Resp: 10332
Ion Ratio Lower Upper
165 100
63 39.0 25.4 38.0#
89 32.0 46.4 69.6#
182 56.0 1.8 2.6#





#57

Fluorene

Concen: 19.86 ng

RT: 10.33 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

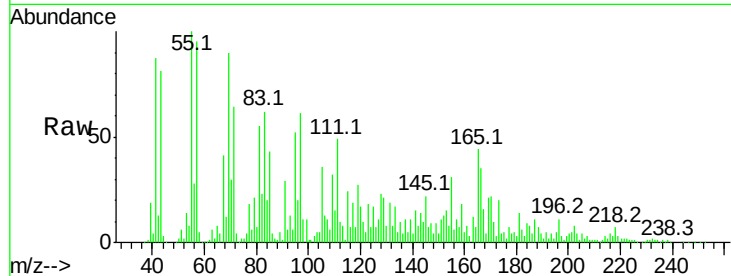
Tot Ion:166 Resp: 123340

Ion Ratio Lower Upper

166 100

165 127.1 78.8 118.2#

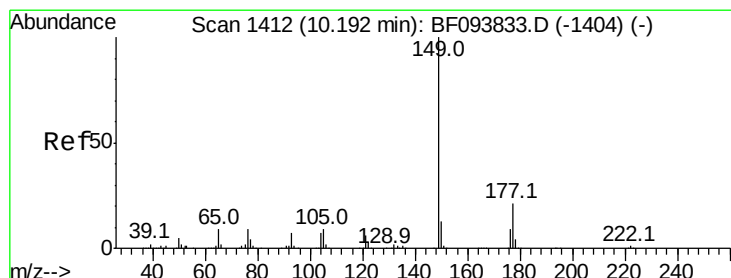
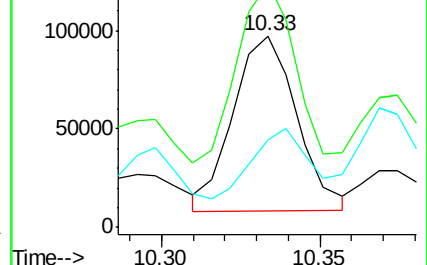
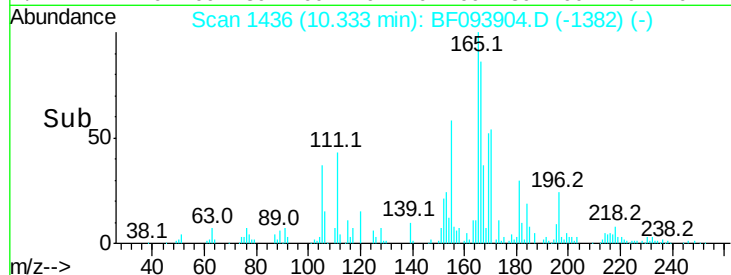
167 45.8 10.6 16.0#



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: 3.59 ng

RT: 10.28 min Scan# 1427

Delta R.T. 0.09 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

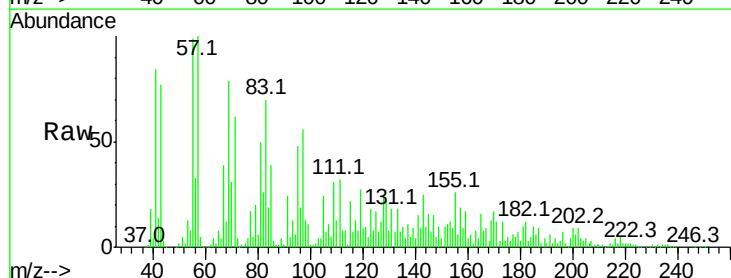
Tgt Ion:149 Resp: 22690

Ion Ratio Lower Upper

149 100

177 62.8 16.7 25.1#

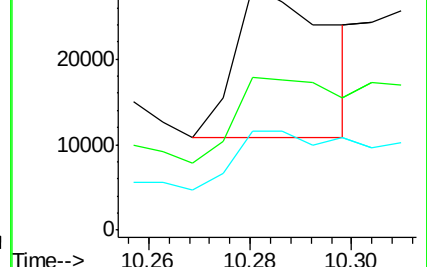
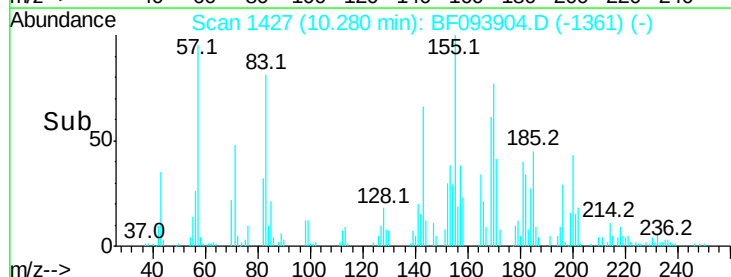
150 40.8 10.2 15.2#

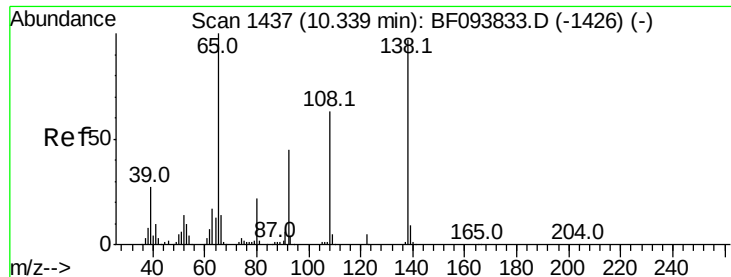


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Nitroaniline

Concen: 19.62 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

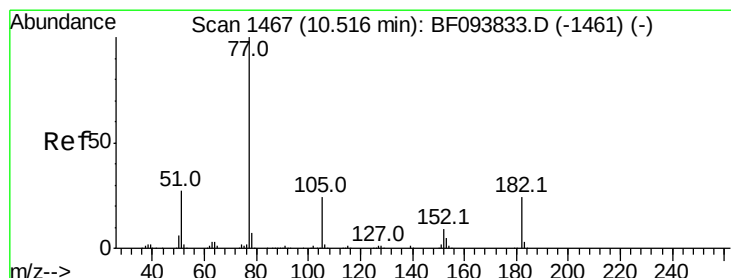
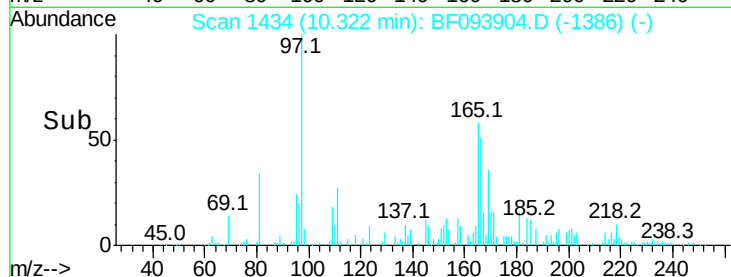
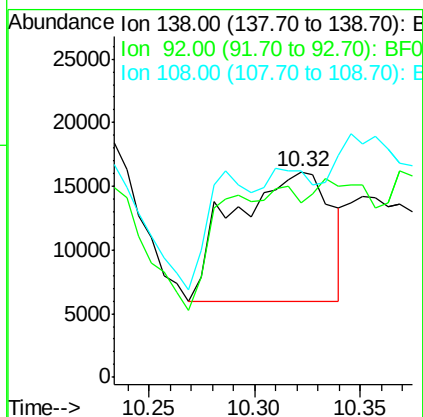
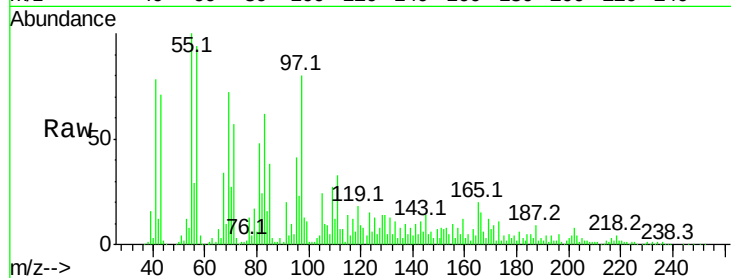
Tot Ion:138 Resp: 32360

Ion Ratio Lower Upper

138 100

92 84.9 21.8 61.8#

108 100.5 42.3 82.3#



#62

Azobenzene

Concen: 4.46 ng

RT: 10.56 min Scan# 1475

Delta R.T. 0.05 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Tgt Ion: 77 Resp: 26608

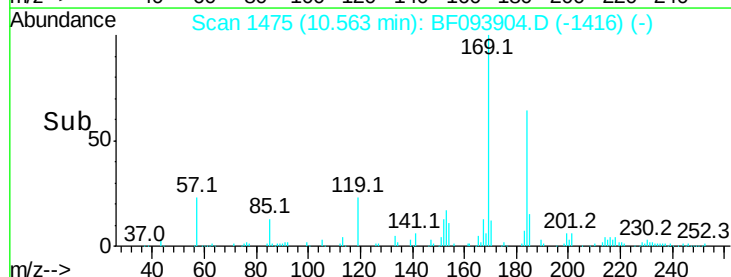
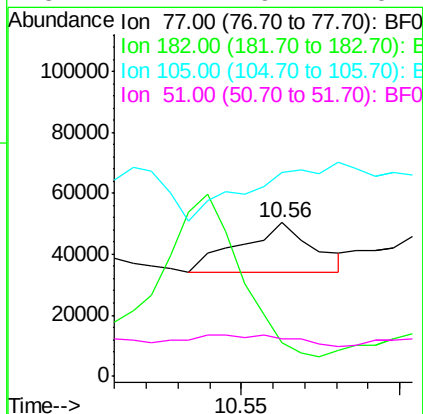
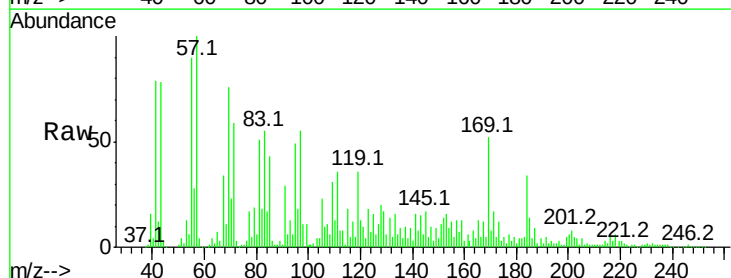
Ion Ratio Lower Upper

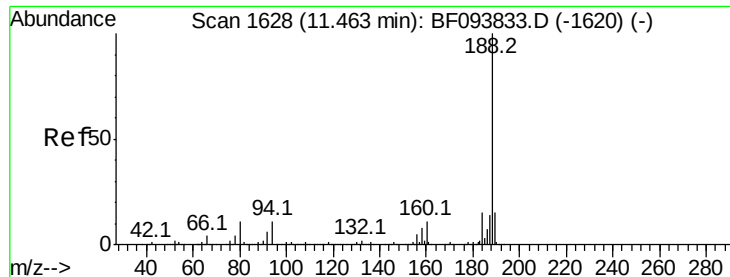
77 100

182 21.4 0.1 40.1

105 133.0 3.6 43.6#

51 24.4 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 1632

Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

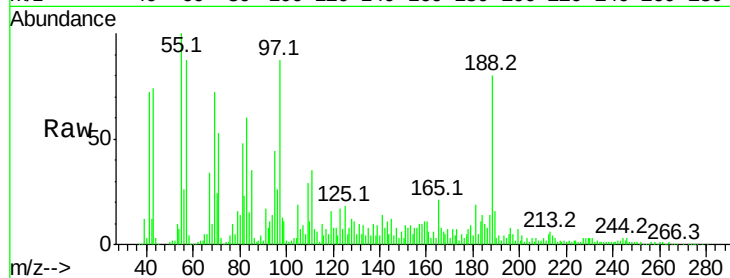
Tot Ion:188 Resp: 263834

Ion Ratio Lower Upper

188 100

94 17.1 9.4 14.2#

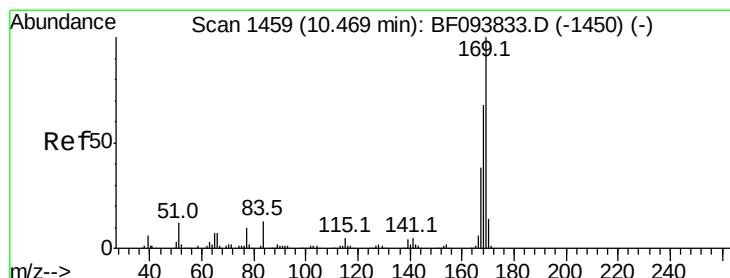
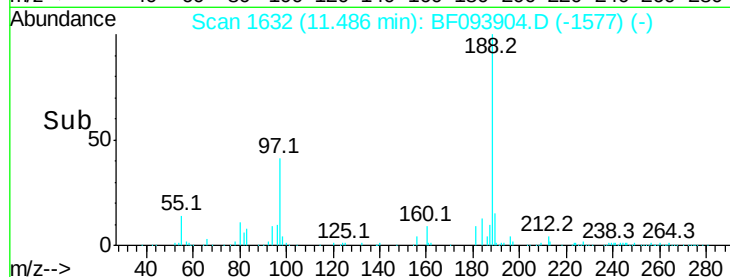
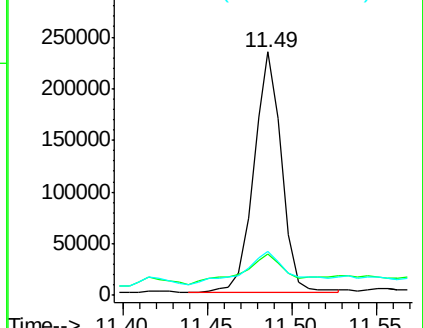
80 18.1 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 21.05 ng

RT: 10.49 min Scan# 1463

Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

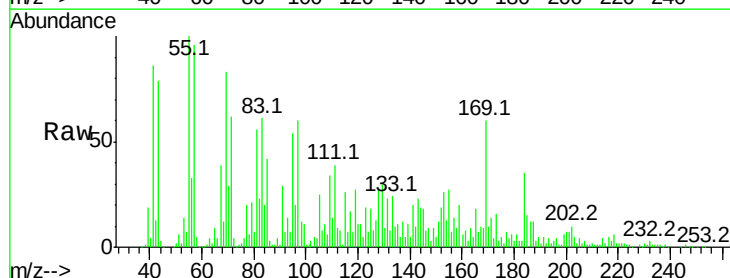
Tgt Ion:169 Resp: 192076

Ion Ratio Lower Upper

169 100

168 15.3 53.2 79.8#

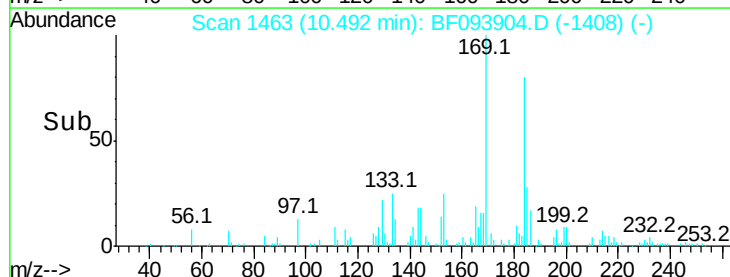
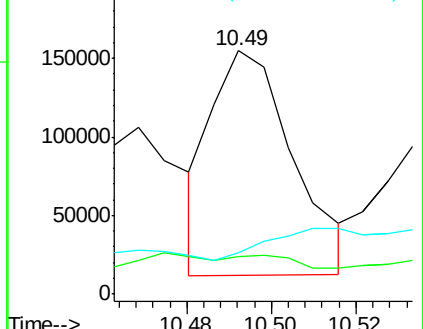
167 17.1 29.5 44.3#

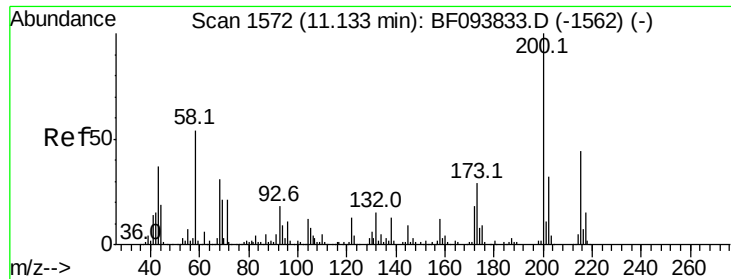


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

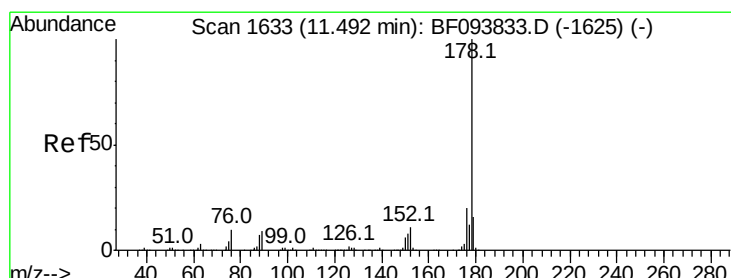
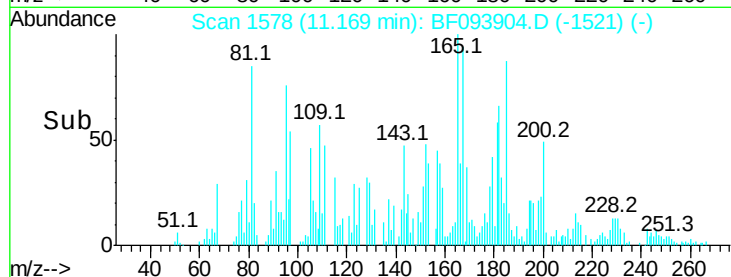
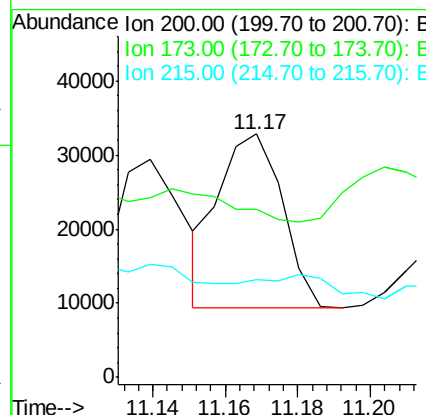
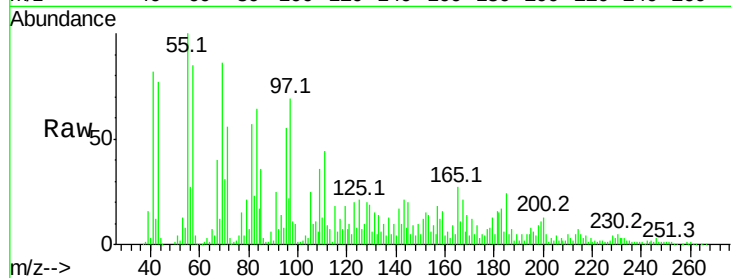




#68
 Atrazine
 Concen: 10.47 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. 0.04 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

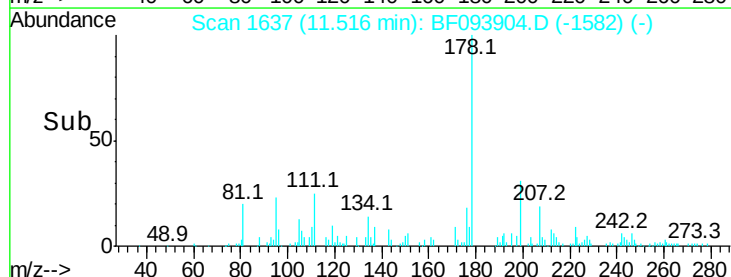
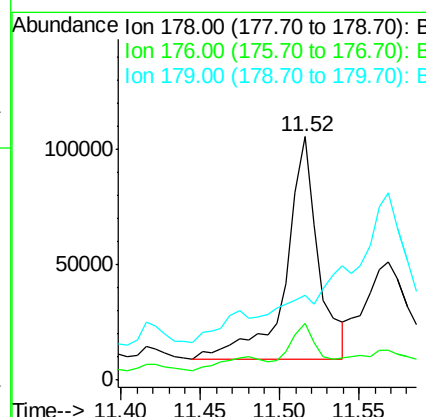
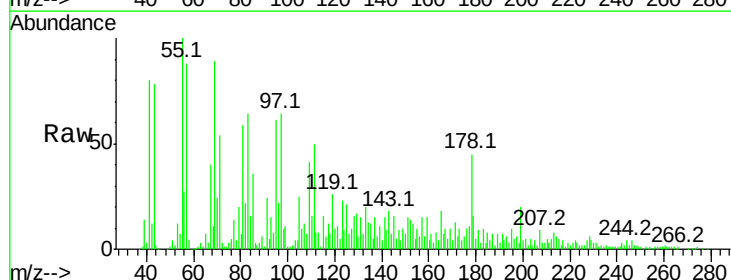
Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

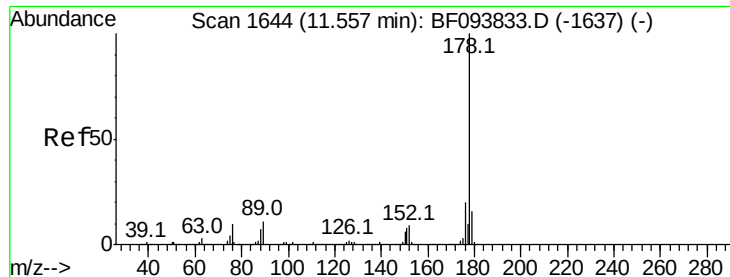
Tot Ion:200 Resp: 28618
 Ion Ratio Lower Upper
 200 100
 173 68.9 6.3 46.3#
 215 40.1 27.2 67.2



#70
 Phenanthrene
 Concen: 9.33 ng
 RT: 11.52 min Scan# 1637
 Delta R.T. 0.02 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion:178 Resp: 136891
 Ion Ratio Lower Upper
 178 100
 176 23.1 16.2 24.4
 179 34.8 12.6 19.0#





#71

Anthracene

Concen: 2.74 ng

RT: 11.57 min Scan# 1646

Delta R.T. 0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

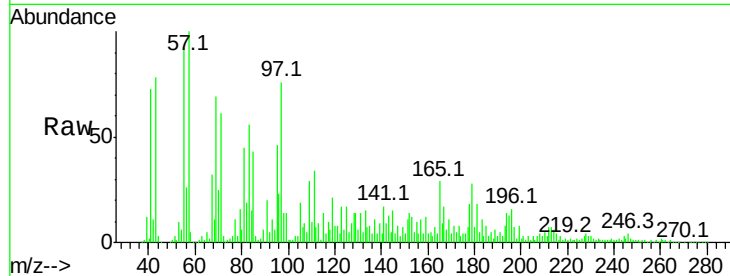
Tot Ion:178 Resp: 41443

Ion Ratio Lower Upper

178 100

176 25.1 15.8 23.8#

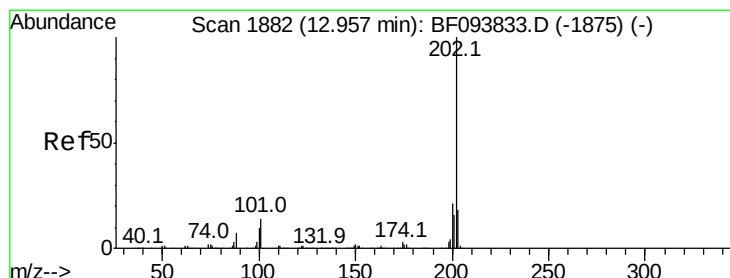
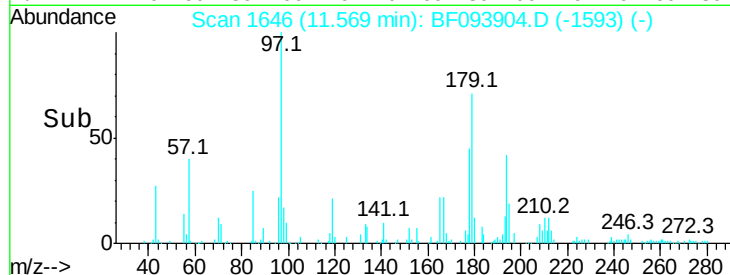
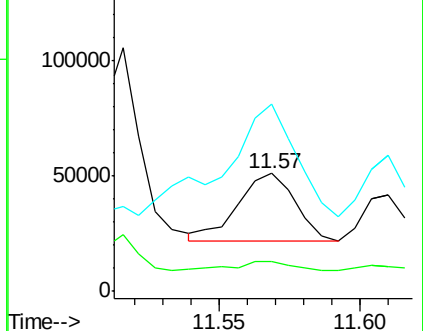
179 158.7 12.7 19.1#



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



#74

Fluoranthene

Concen: 8.99 ng

RT: 13.24 min Scan# 1931

Delta R.T. 0.29 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

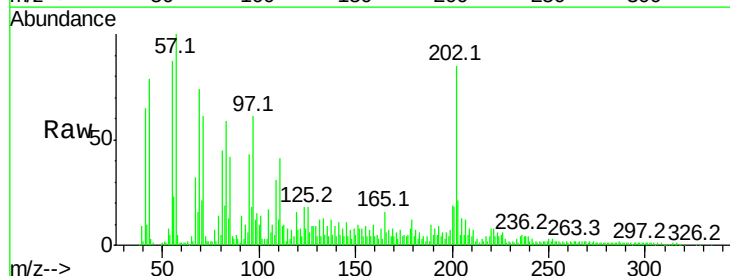
Tgt Ion:202 Resp: 135088

Ion Ratio Lower Upper

202 100

101 16.6 0.0 33.2

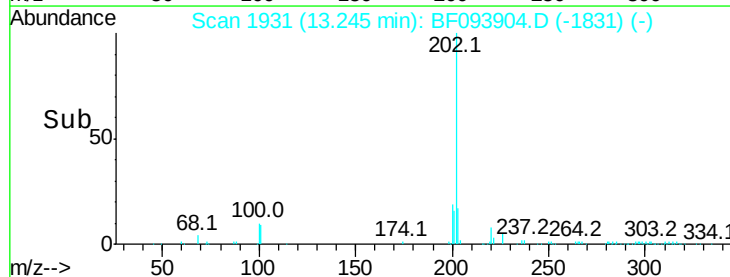
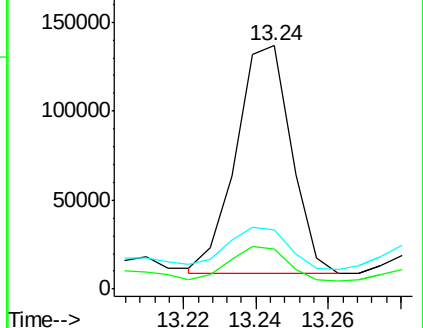
203 24.4 0.0 38.1

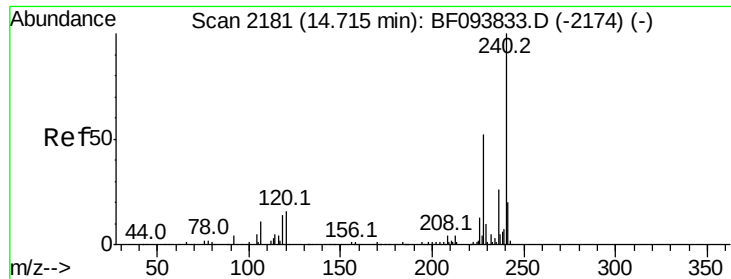


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

ClientSampleId :

GW2000RE

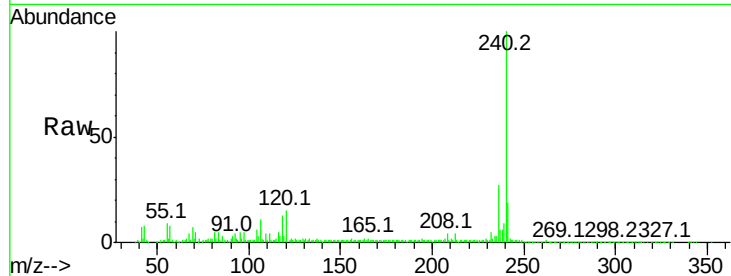
Tot Ion:240 Resp: 318726

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

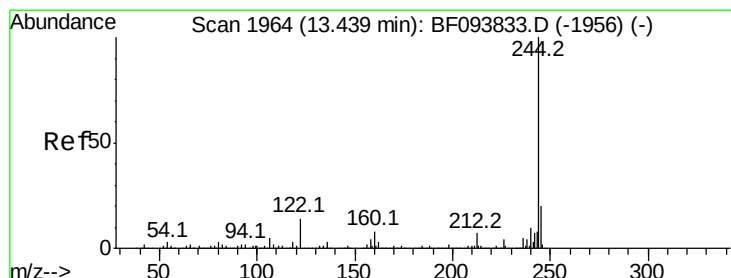
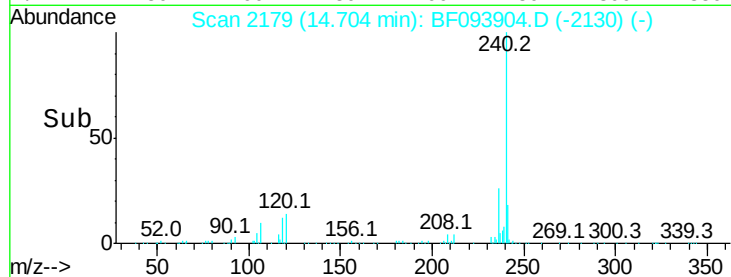
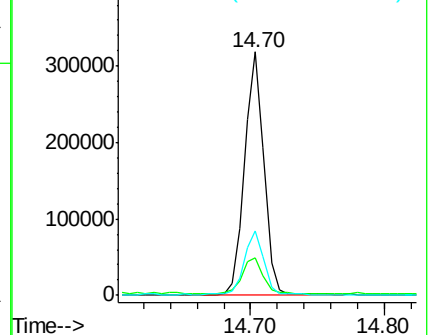
236 26.6 20.5 30.7



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



#78

Terphenyl-d14

Concen: 60.30 ng

RT: 13.44 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

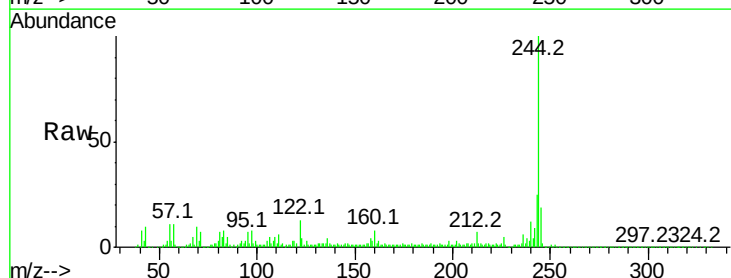
Tgt Ion:244 Resp: 857410

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

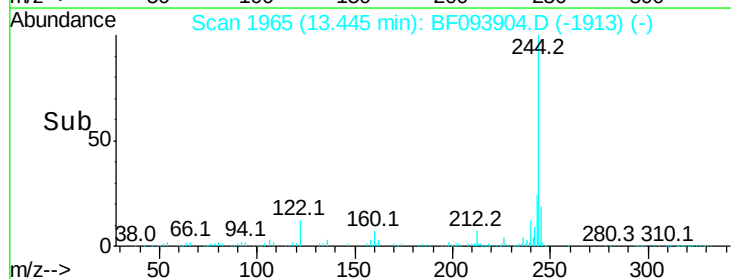
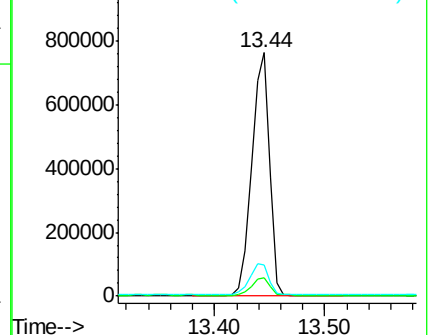
122 12.9 10.3 15.5

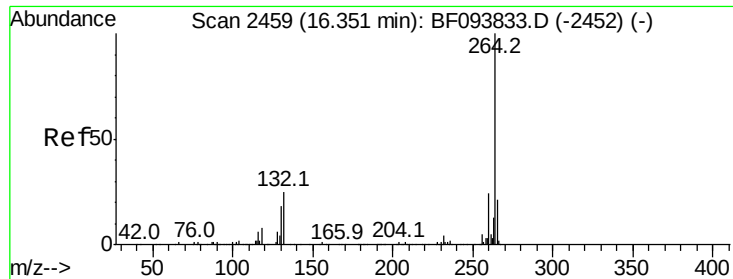


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Instrument :
BNA_F
ClientSampleId :
GW2000RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.2	17.2	25.8

