

Data Path : Z:\HPCHEM1\BNA_F\Data\BF072616\
 Data File : BF089309.D
 Acq On : 26 Jul 2016 13:04
 Operator : UM/SJ
 Sample : H4207-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Time: Jul 26 13:43:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	39296	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	153954	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	64663	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	120441	20.00	ng	0.00
75) Chrysene-d12	13.68	240	83773	20.00	ng	-0.01
86) Perylene-d12	15.02	264	72695	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	236929	91.70	ng	-0.02
7) Phenol-d6	6.20	99	227940	68.41	ng	-0.02
23) Nitrobenzene-d5	7.13	82	321309	110.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	84958	145.93	ng	0.01
44) 2-Fluorobiphenyl	8.94	172	507419	108.12	ng	0.00
78) Terphenyl-d14	12.65	244	381432	98.76	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.07	77	10219	4.48	ng	# 1
15) Benzyl Alcohol	6.71	79	11577	4.74	ng	# 50
18) Hexachloroethane	7.06	117	18521	15.45	ng	# 1
19) n-Nitroso-di-n-propylamine	6.98	70	26176	12.01	ng	# 83
22) Acetophenone	6.96	105	136790	33.27	ng	# 62
24) Nitrobenzene	7.11	77	30272	9.91	ng	# 29
25) Isophorone	7.37	82	60341	11.30	ng	# 1
26) 2-Nitrophenol	7.48	139	6251	4.39	ng	# 1
27) 2,4-Dimethylphenol	7.50	122	7962	3.32	ng	# 40
29) 2,4-Dichlorophenol	7.70	162	6105	2.82	ng	# 1
31) Naphthalene	7.87	128	201558	24.26	ng	# 89
35) Caprolactam	8.31	113	81501	121.27	ng	# 27
36) 4-Chloro-3-methylphenol	8.40	107	9441	3.62	ng	# 37
37) 2-Methylnaphthalene	8.57	142	258582	48.80	ng	# 96
42) 2,4,6-Trichlorophenol	8.86	196	3086	2.29	ng	# 11
43) 2,4,5-Trichlorophenol	8.86	196	3086	2.29	ng	# 1
45) 1,1'-Biphenyl	9.03	154	51729	8.88	ng	# 89
47) 2-Nitroaniline	9.16	65	10779	7.10	ng	# 1
48) Acenaphthylene	9.47	152	21180	3.04	ng	# 1
49) Dimethylphthalate	9.34	163	24112	4.86	ng	# 59
50) 2,6-Dinitrotoluene	9.38	165	6239	5.57	ng	# 1
51) Acenaphthene	9.63	154	44115	10.72	ng	# 85
52) 3-Nitroaniline	9.59	138	6505	4.89	ng	# 52
53) 2,4-Dinitrophenol	9.90	184	7394	20.09	ng	# 94
54) Dibenzofuran	9.82	168	51230	9.21	ng	# 1
55) 4-Nitrophenol	9.72	139	27119	33.69	ng	# 47
56) 2,4-Dinitrotoluene	9.82	165	26828	18.59	ng	# 63
57) Fluorene	10.15	166	110201	23.35	ng	# 84
61) 4-Nitroaniline	10.22	138	3089	2.39	ng	# 47
62) Azobenzene	10.31	77	16129	3.02	ng	# 1
65) n-Nitrosodiphenylamine	10.27	169	244215	60.67	ng	# 44
68) Atrazine	10.81	200	4262	3.39	ng	# 1
70) Phenanthrene	11.11	178	341557	51.70	ng	# 94
71) Anthracene	11.11	178	341557	49.74	ng	# 93

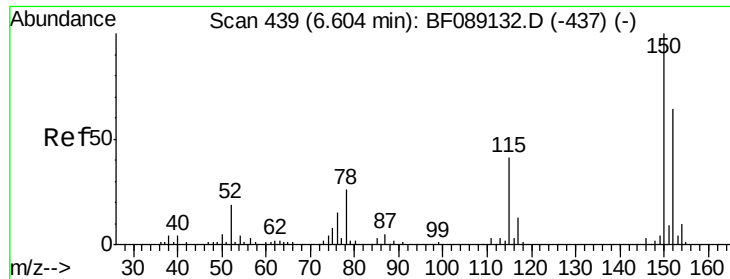
Data Path : Z:\HPCHEM1\BNA_F\Data\BF072616\
Data File : BF089309.D
Acq On : 26 Jul 2016 13:04
Operator : UM/SJ
Sample : H4207-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-1

Quant Time: Jul 26 13:43:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

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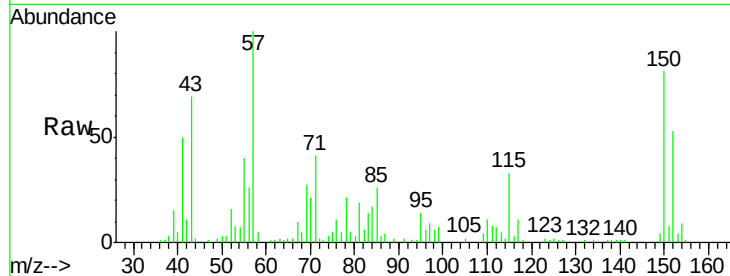
(#) = qualifier out of range (m) = manual integration (+) = signals summed



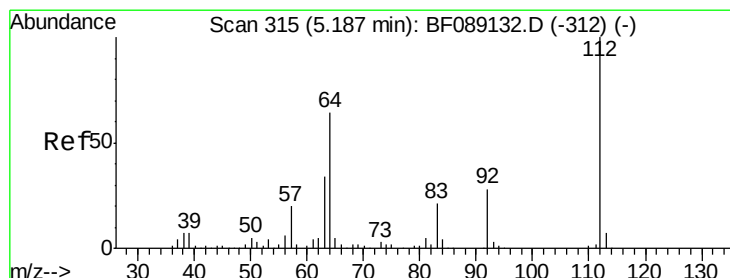
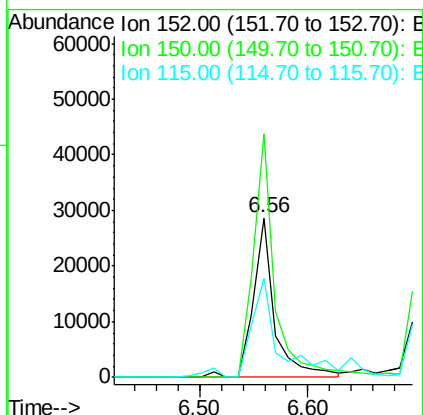
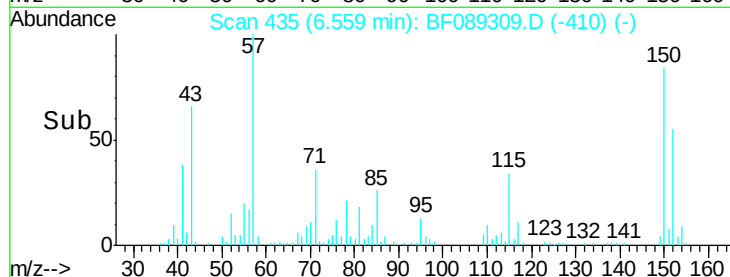
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Instrument :
 BNA_F
 ClientSampled :
 GW-1

Tgt Ion:152 Resp: 39296
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.1 187.7
 115 62.2 51.1 76.7

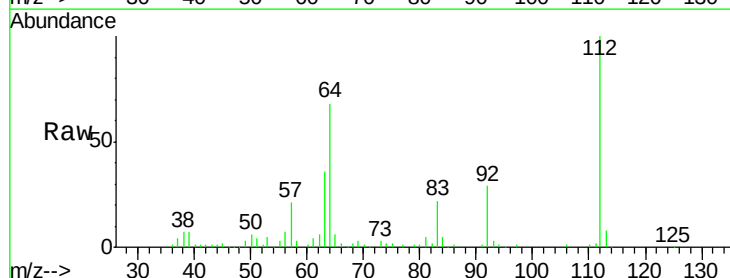


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

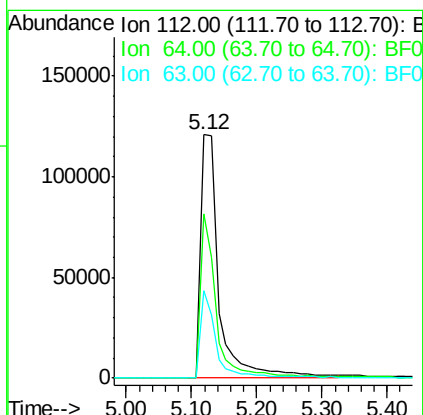
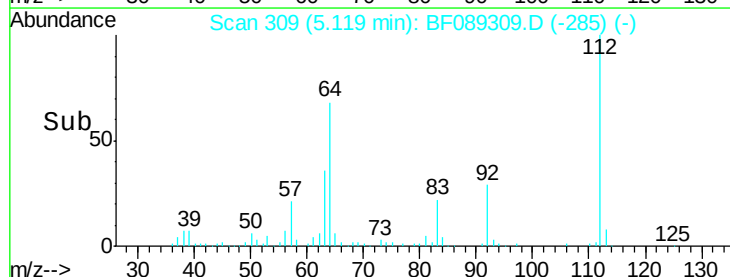


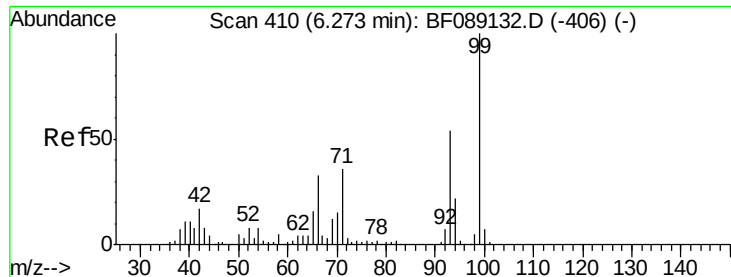
#5
 2-Fluorophenol
 Concen: 91.70 ng
 RT: 5.12 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Tgt Ion:112 Resp: 236929
 Ion Ratio Lower Upper
 112 100
 64 67.6 51.0 76.4
 63 36.1 27.3 40.9



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: 68.41 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

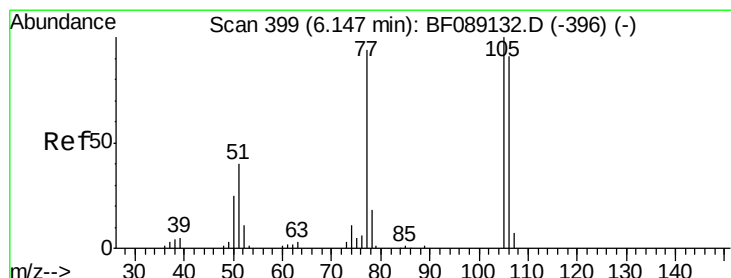
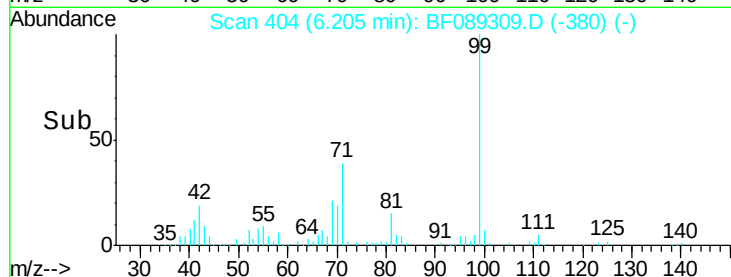
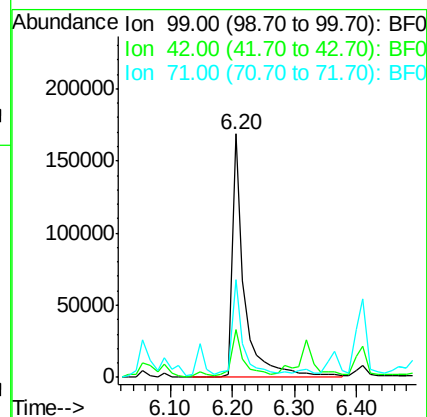
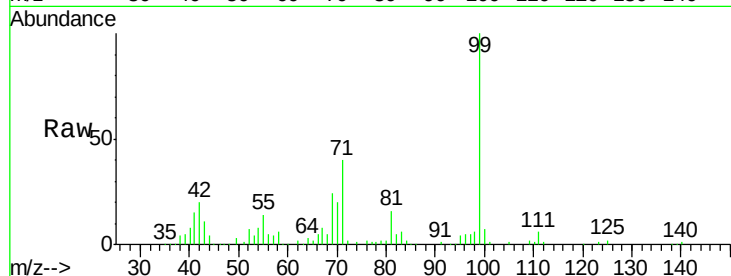
Tgt Ion: 99 Resp: 227940

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

71 40.2 28.9 43.3



#9

Benzaldehyde

Concen: 4.48 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.05 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

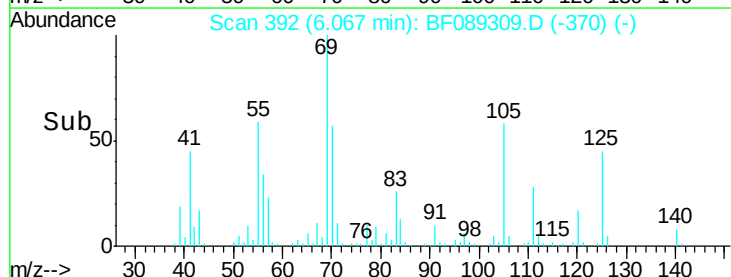
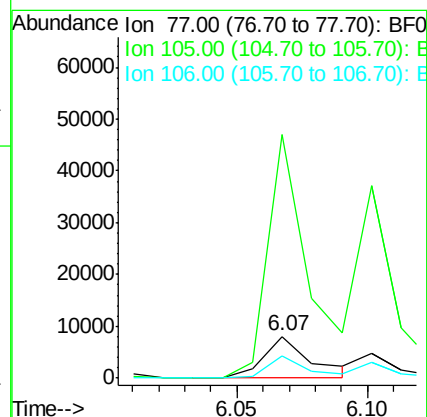
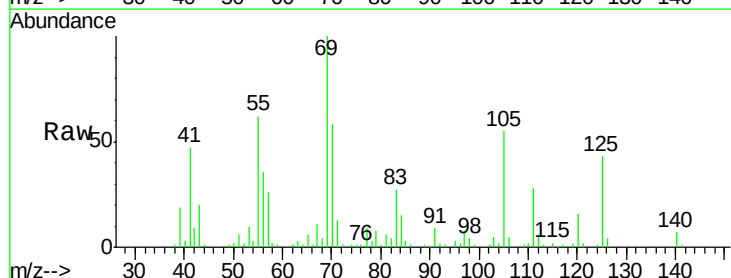
Tgt Ion: 77 Resp: 10219

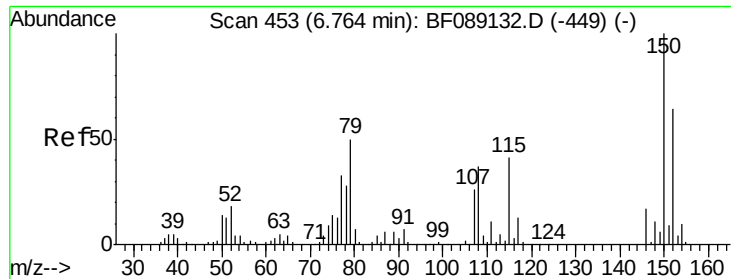
Ion Ratio Lower Upper

77 100

105 579.7 86.2 126.2#

106 53.9 76.3 116.3#





#15

Benzyl Alcohol

Concen: 4.74 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

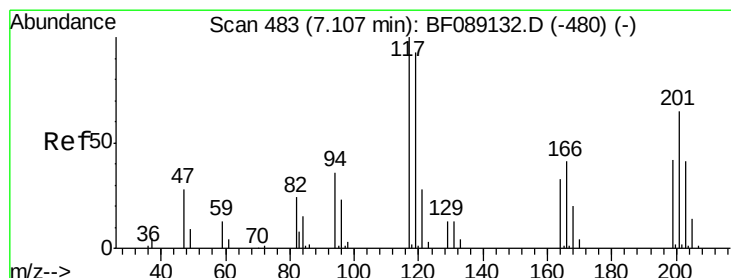
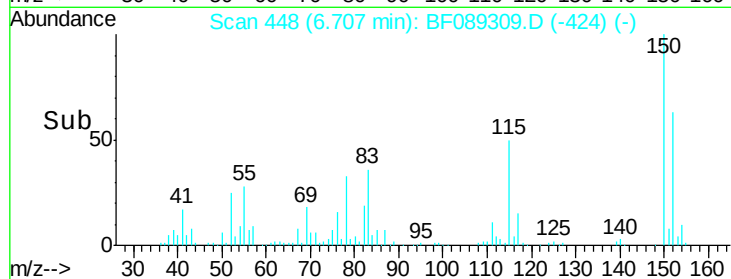
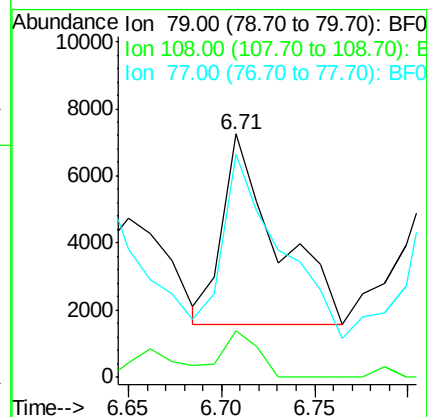
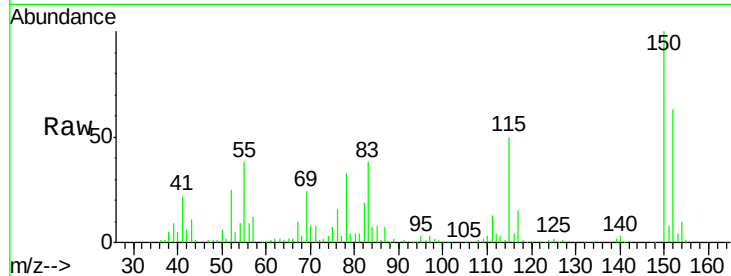
Tgt Ion: 79 Resp: 11577

Ion Ratio Lower Upper

79 100

108 18.8 58.2 87.4#

77 91.7 52.2 78.4#



#18

Hexachloroethane

Concen: 15.45 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

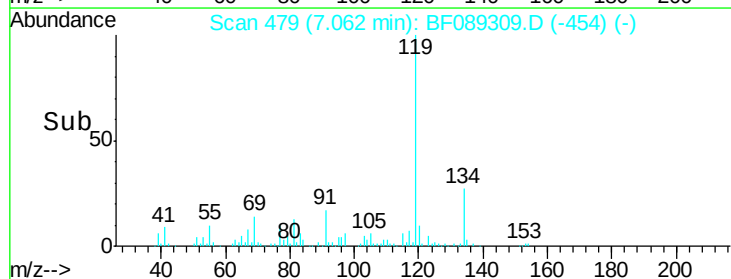
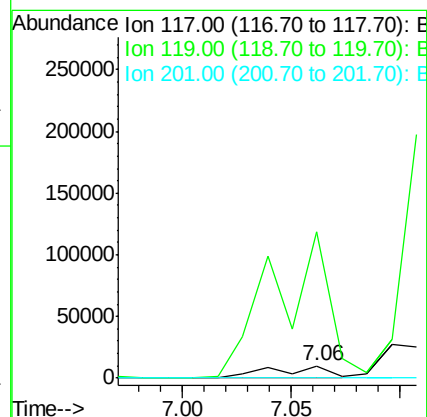
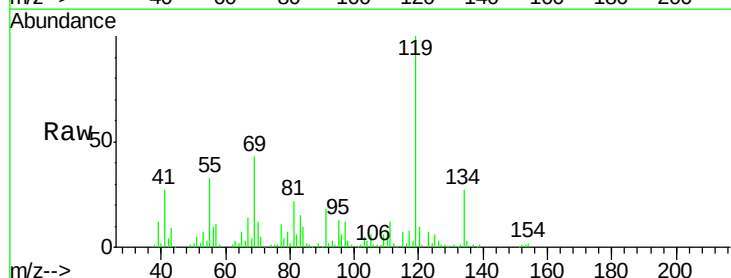
Tgt Ion: 117 Resp: 18521

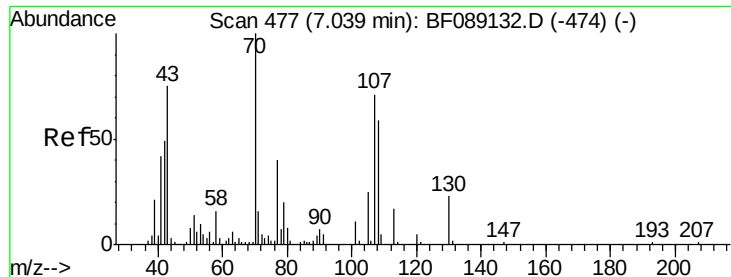
Ion Ratio Lower Upper

117 100

119 1205.7 74.5 111.7#

201 0.0 51.8 77.6#

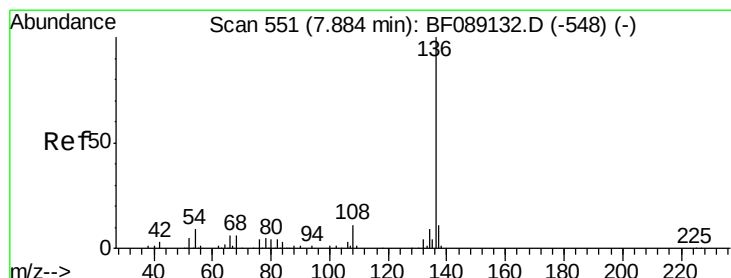
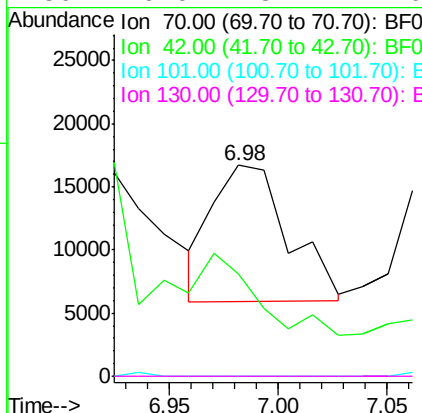
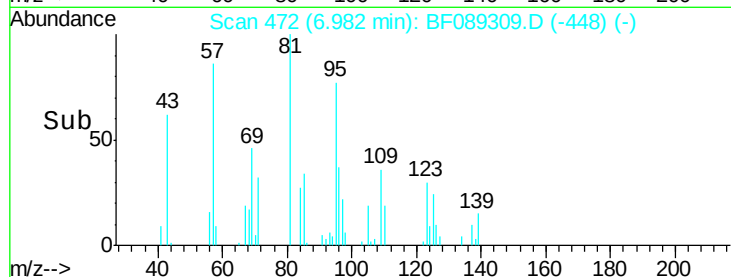
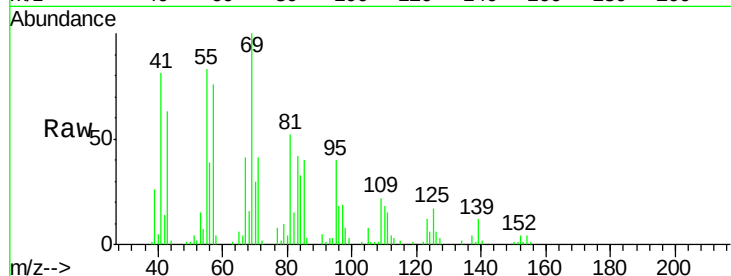




#19
n-Nitroso-di-n-propylamine
Concen: 12.01 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

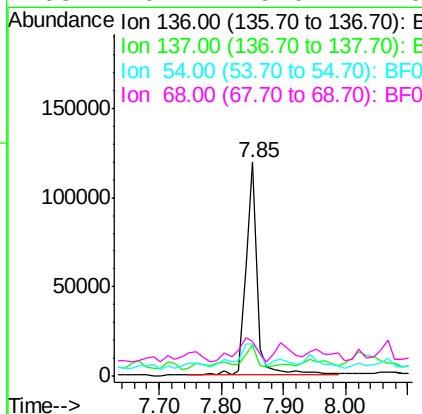
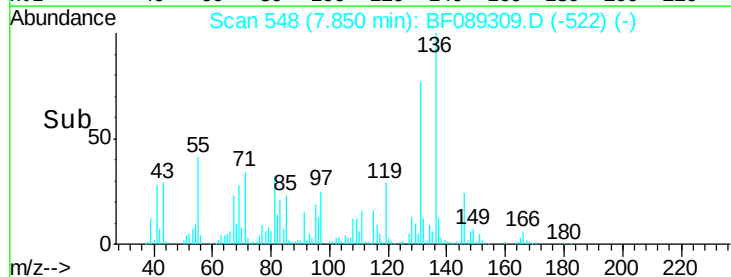
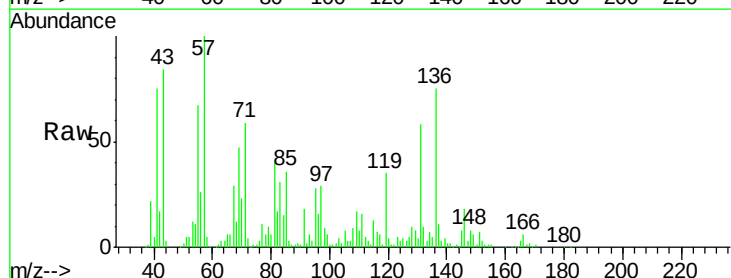
Instrument :
BNA_F
ClientSampleId :
GW-1

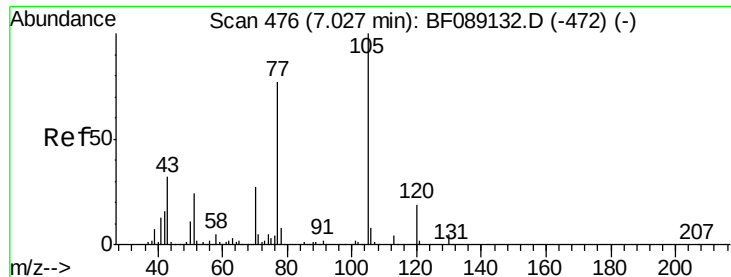
Tgt Ion: 70 Resp: 26176
Ion Ratio Lower Upper
70 100
42 48.5 39.2 58.8
101 0.0 8.5 12.7#
130 0.0 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

Tgt Ion: 136 Resp: 153954
Ion Ratio Lower Upper
136 100
137 14.5 8.8 13.2#
54 15.0 7.0 10.4#
68 16.4 5.0 7.6#





#22

Acetophenone

Concen: 33.27 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

Tgt Ion:105 Resp: 136790

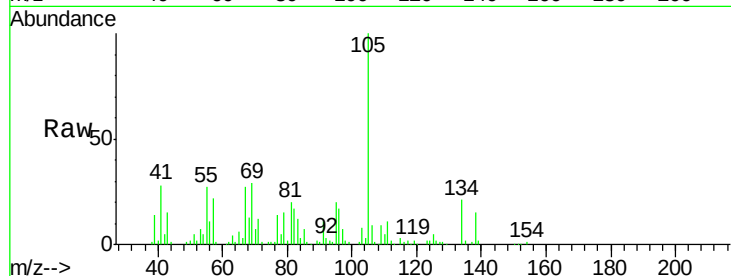
Ion Ratio Lower Upper

105 100

71 11.8 3.8 5.6#

51 5.5 19.6 29.4#

120 0.3 15.5 23.3#

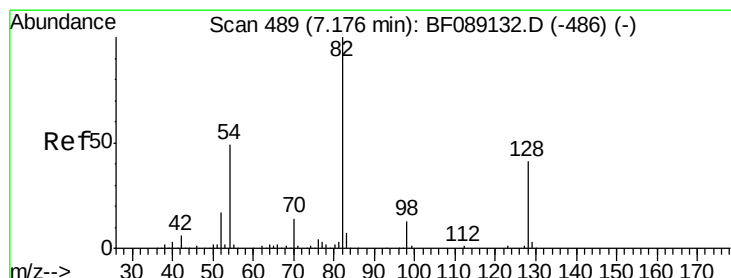
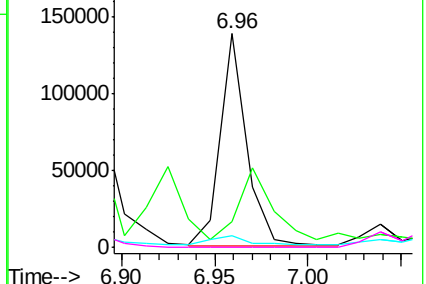
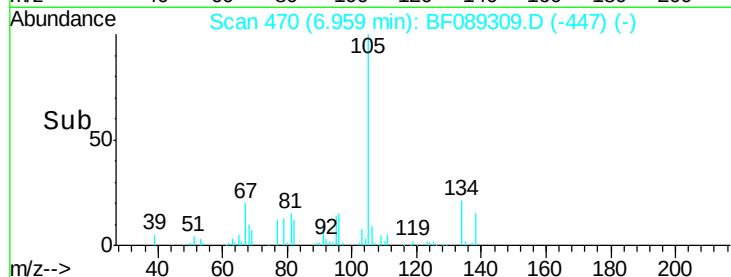


Abundance Ion 105.00 (104.70 to 105.70): E

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: 110.89 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

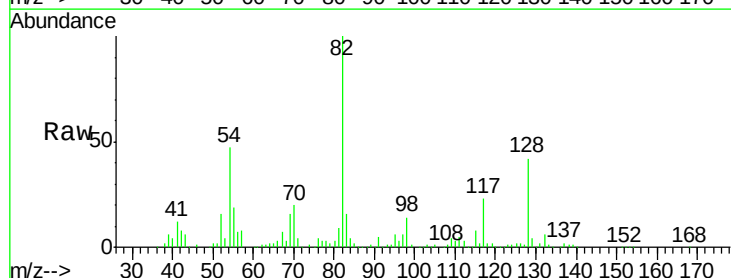
Tgt Ion: 82 Resp: 321309

Ion Ratio Lower Upper

82 100

128 41.6 33.0 49.6

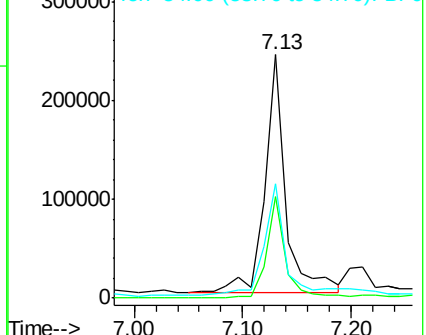
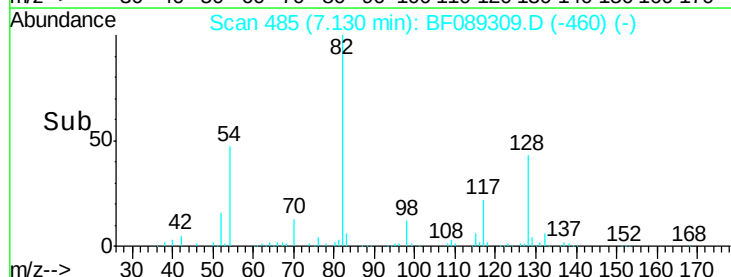
54 47.0 39.0 58.4

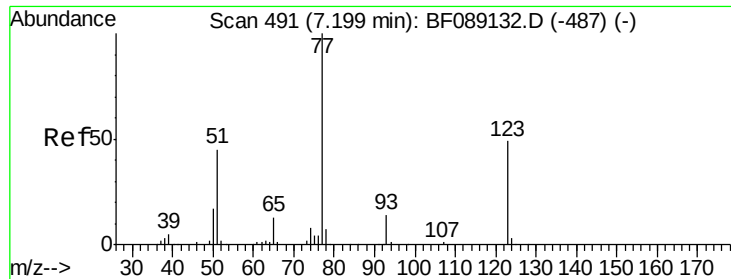


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

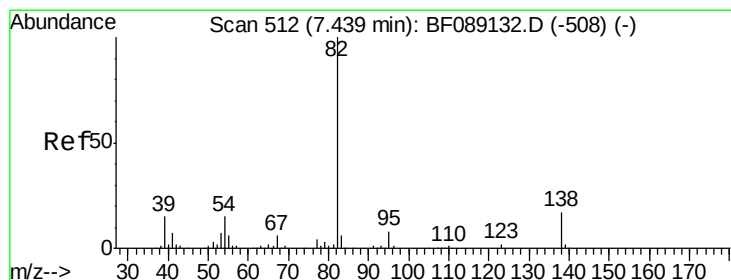
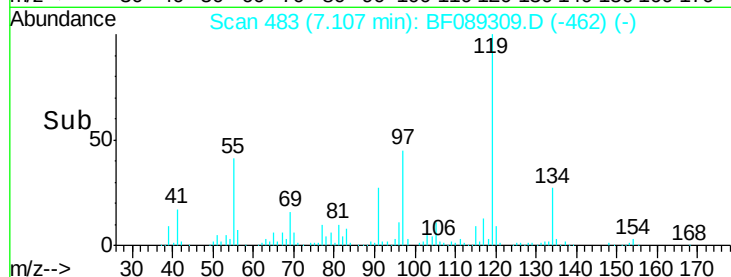
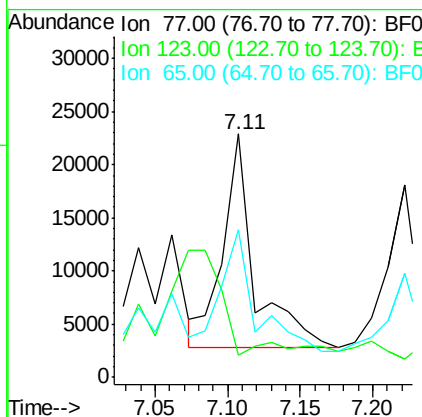
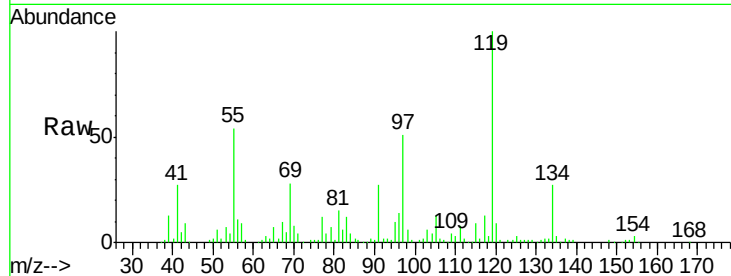




#24
Nitrobenzene
Concen: 9.91 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.06 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

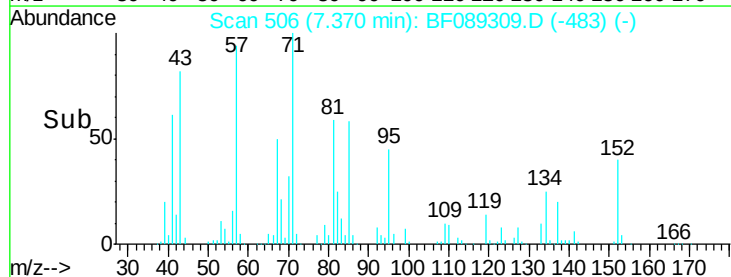
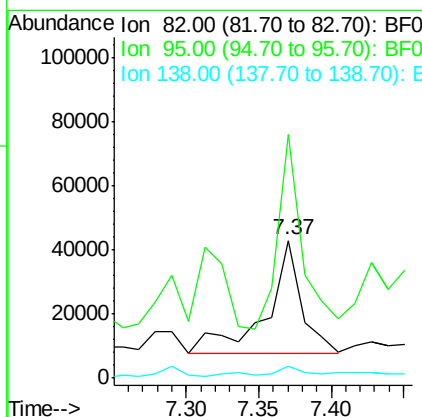
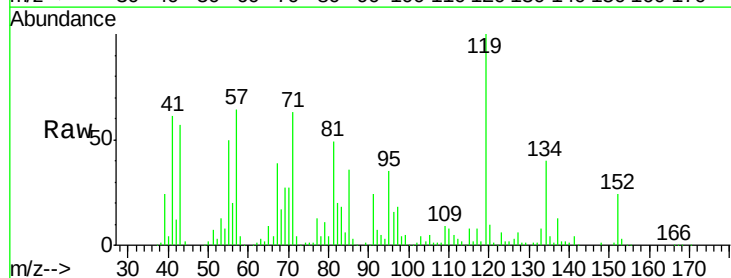
Instrument :
BNA_F
ClientSampleId :
GW-1

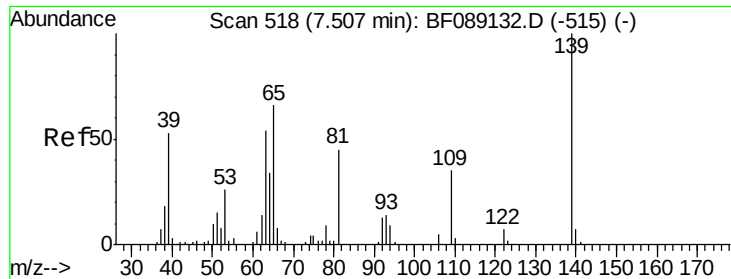
Tgt Ion: 77 Resp: 30272
Ion Ratio Lower Upper
77 100
123 8.9 38.9 58.3#
65 60.4 10.6 15.8#



#25
Isophorone
Concen: 11.30 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

Tgt Ion: 82 Resp: 60341
Ion Ratio Lower Upper
82 100
95 176.5 6.1 9.1#
138 8.4 13.6 20.4#

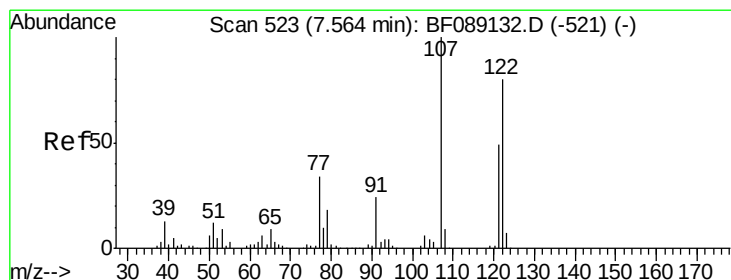
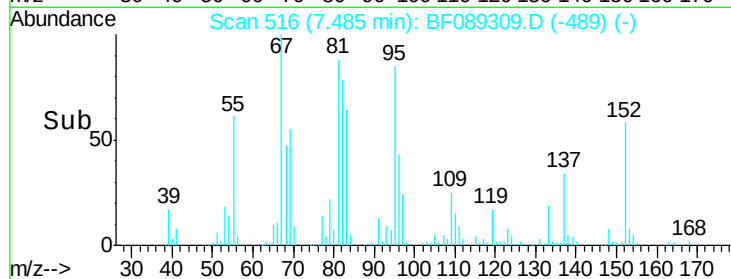
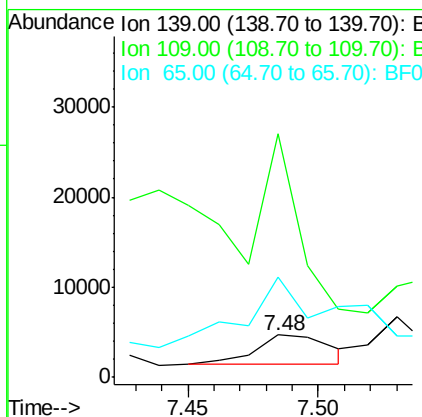
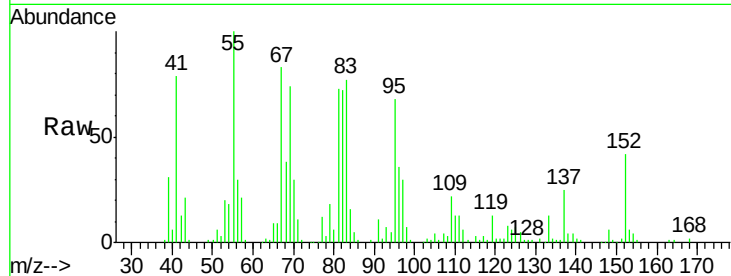




#26
2-Nitrophenol
Concen: 4.39 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

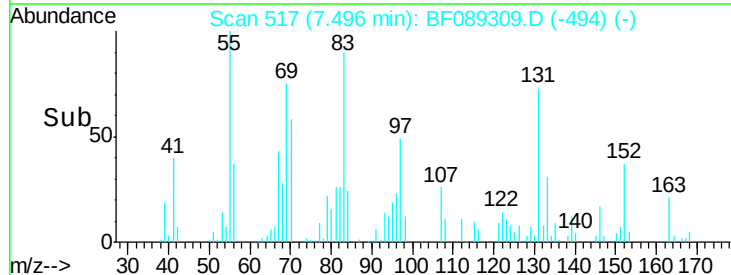
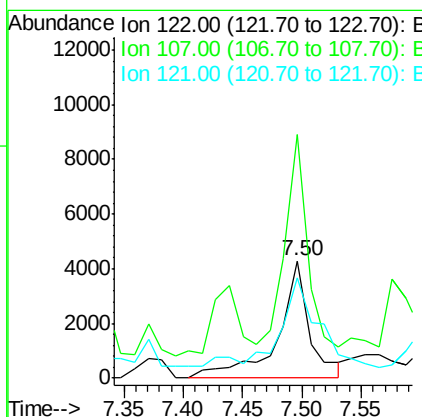
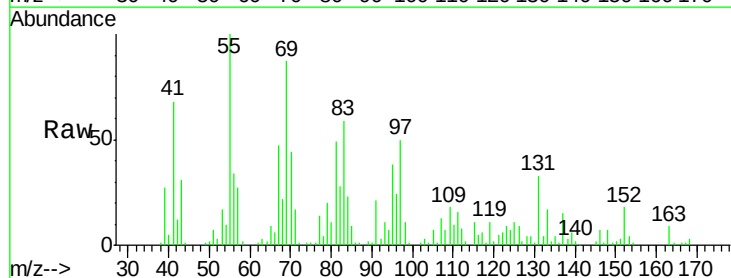
Instrument :
BNA_F
ClientSampleId :
GW-1

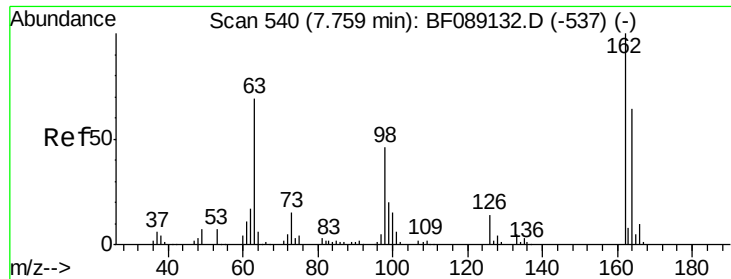
Tgt Ion:139 Resp: 6251
Ion Ratio Lower Upper
139 100
109 574.2 28.1 42.1#
65 237.6 52.7 79.1#



#27
2,4-Dimethylphenol
Concen: 3.32 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

Tgt Ion:122 Resp: 7962
Ion Ratio Lower Upper
122 100
107 208.0 99.7 149.5#
121 86.2 48.5 72.7#

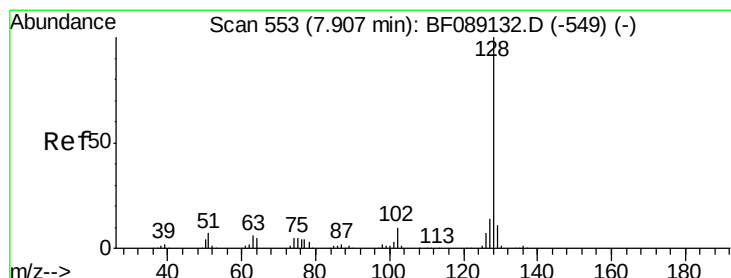
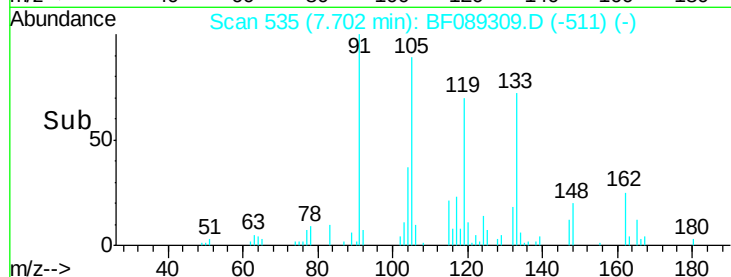
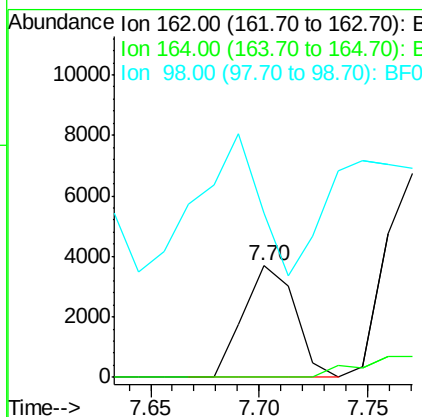
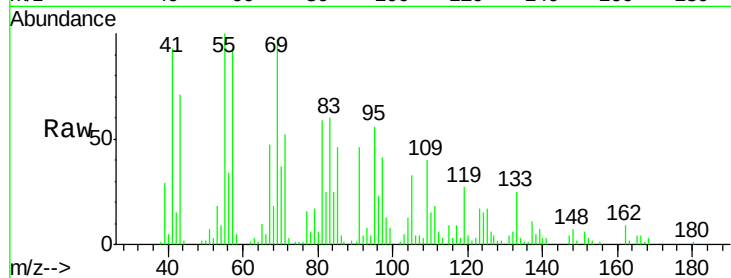




#29
2,4-Dichlorophenol
Concen: 2.82 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

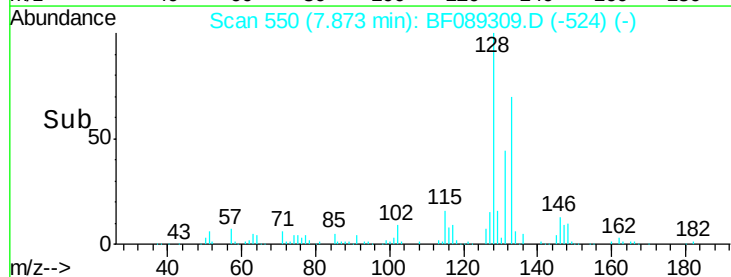
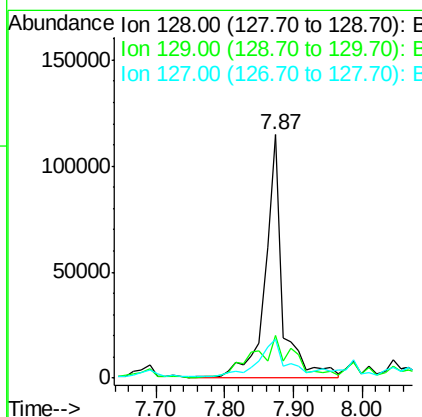
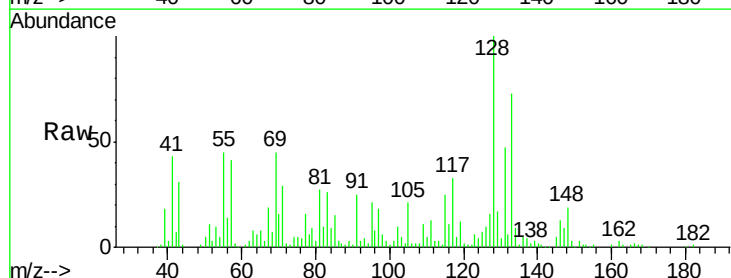
Instrument :
BNA_F
ClientSampleId :
GW-1

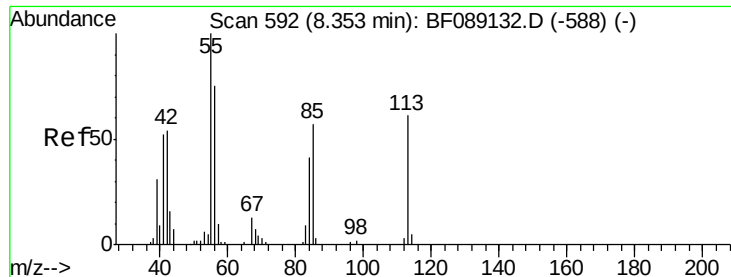
Tgt Ion:162 Resp: 6105
Ion Ratio Lower Upper
162 100
164 0.0 44.0 84.0#
98 147.7 26.0 66.0#



#31
Naphthalene
Concen: 24.26 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

Tgt Ion:128 Resp: 201558
Ion Ratio Lower Upper
128 100
129 17.5 8.9 13.3#
127 16.2 10.8 16.2





#35

Caprolactam

Concen: 121.27 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

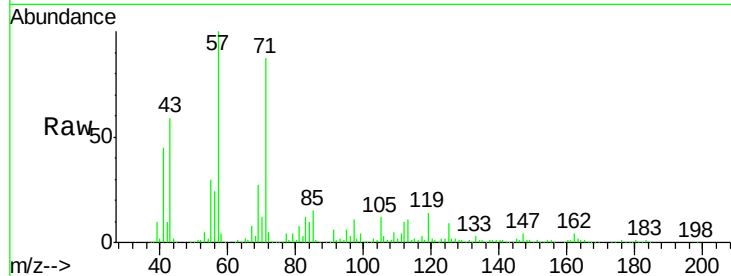
Tgt Ion:113 Resp: 81501

Ion Ratio Lower Upper

113 100

55 264.2 145.3 185.3#

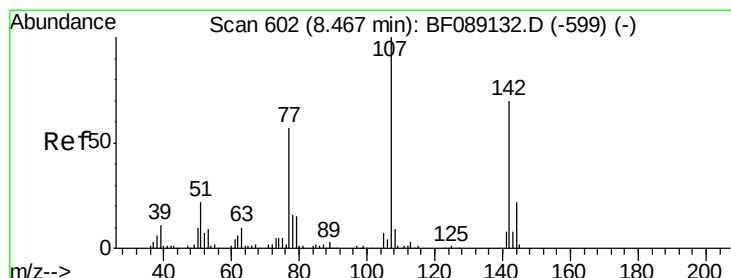
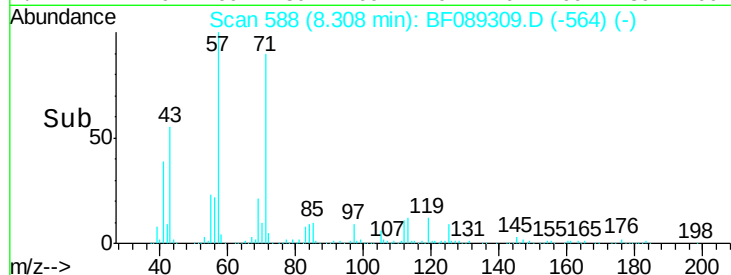
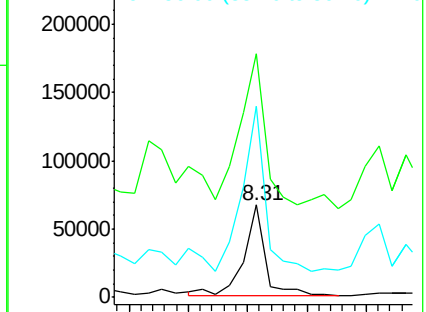
56 207.7 104.3 144.3#



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: 3.62 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.03 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

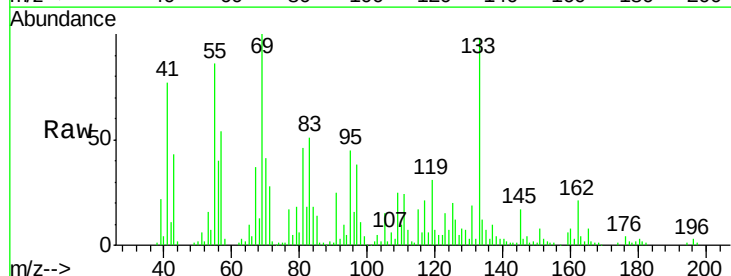
Tgt Ion:107 Resp: 9441

Ion Ratio Lower Upper

107 100

144 9.5 17.8 26.6#

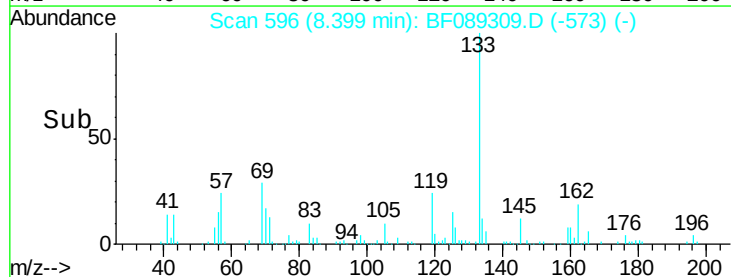
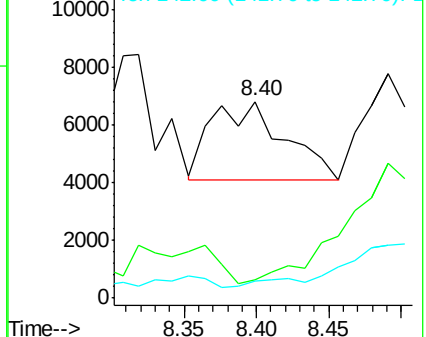
142 8.5 56.1 84.1#

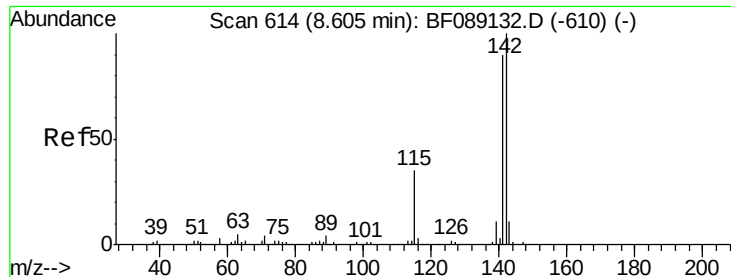


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.80 ng

RT: 8.57 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

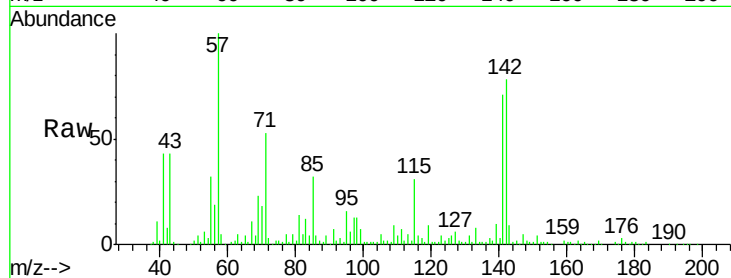
Tgt Ion:142 Resp: 258582

Ion Ratio Lower Upper

142 100

141 91.2 71.6 107.4

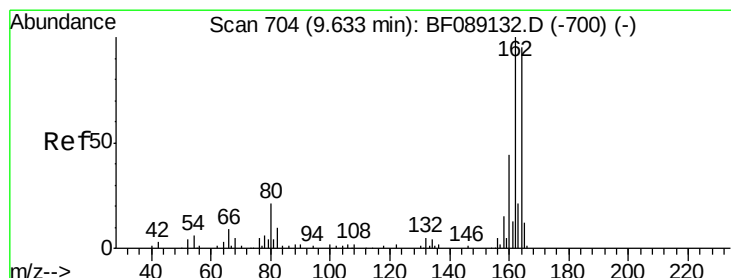
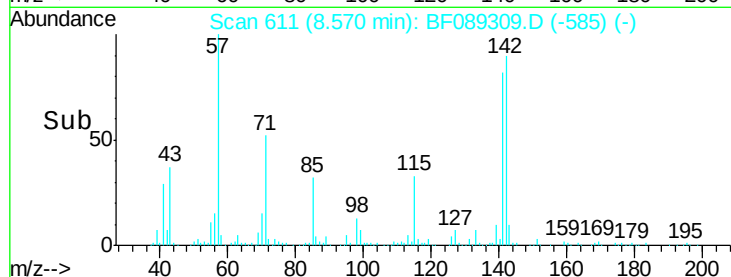
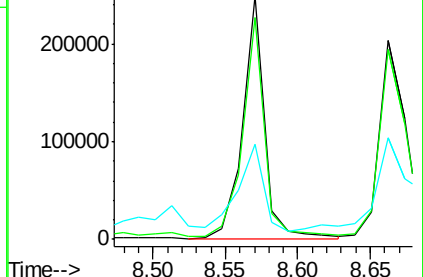
115 39.2 27.6 41.4



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: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

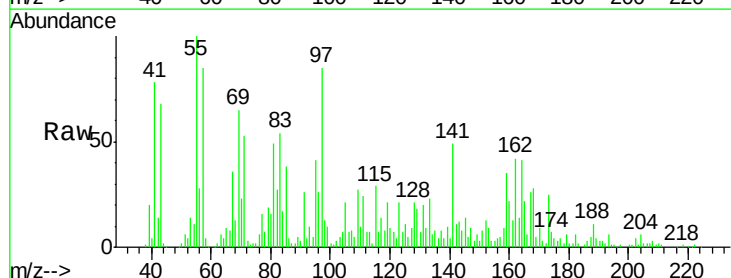
Tgt Ion:164 Resp: 64663

Ion Ratio Lower Upper

164 100

162 101.9 84.1 126.1

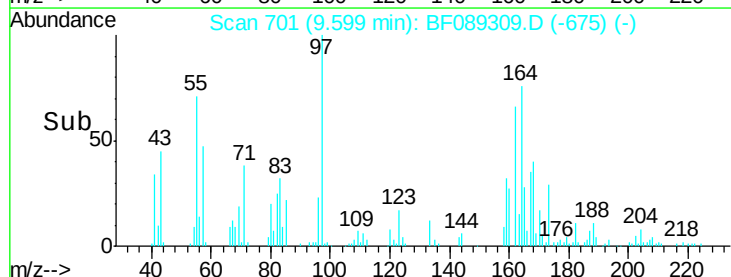
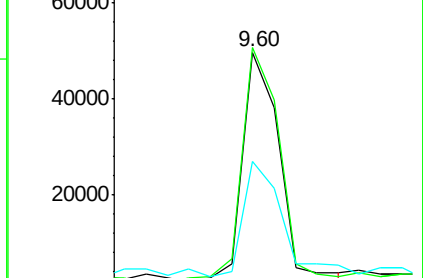
160 54.2 37.1 55.7

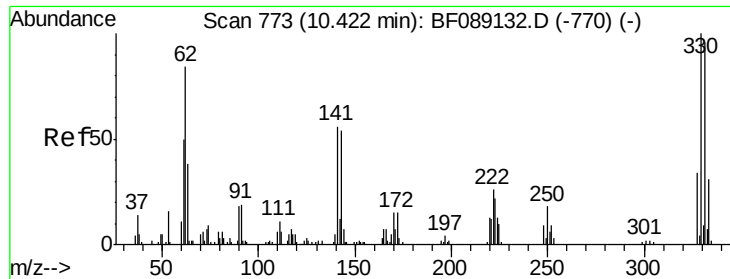


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

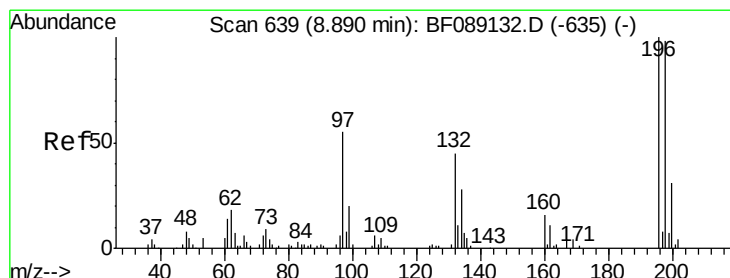
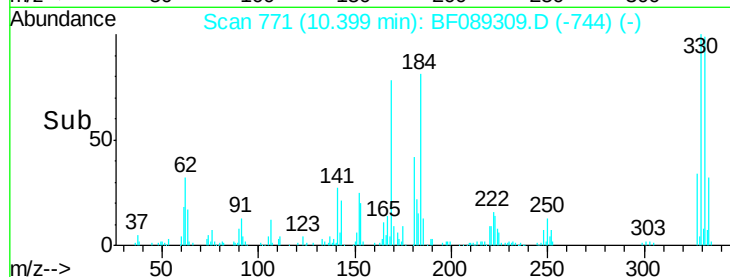
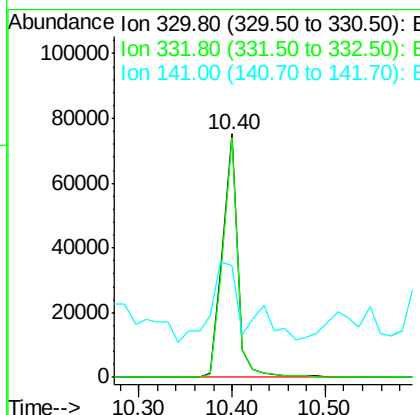
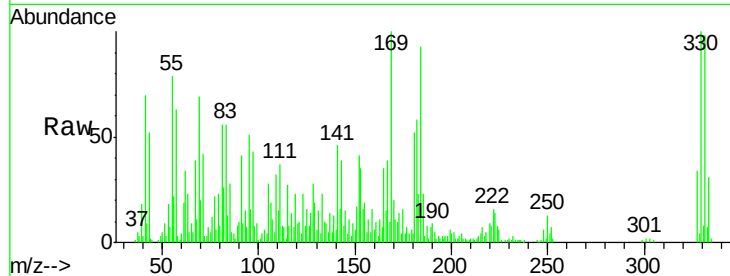




#41
 2,4,6-Tribromophenol
 Concen: 145.93 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

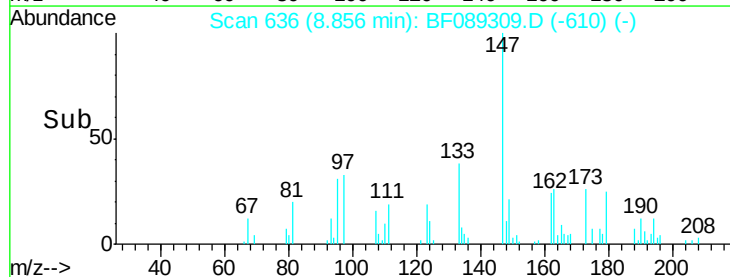
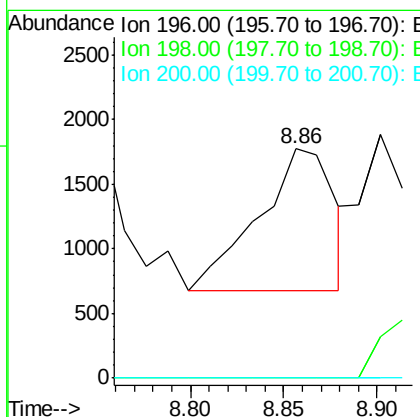
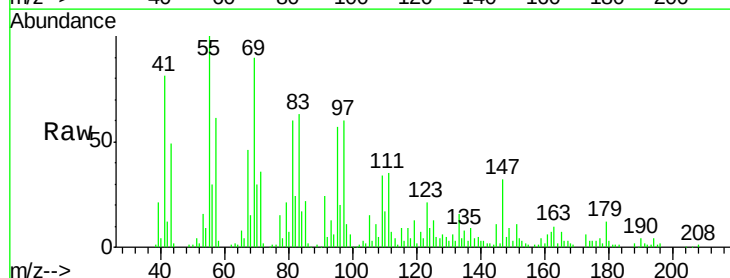
Instrument :
 BNA_F
 ClientSampleId :
 GW-1

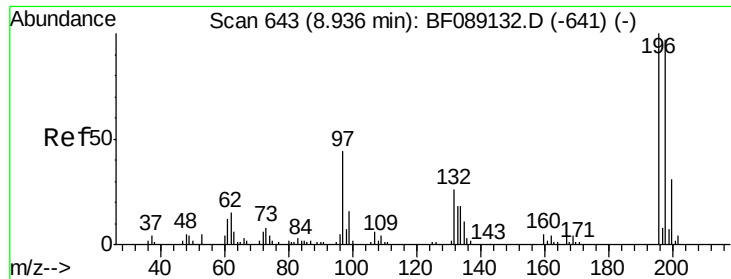
Tgt Ion:330 Resp: 84958
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.2 115.8
 141 58.0 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 2.29 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Tgt Ion:196 Resp: 3086
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.3 117.5#
 200 0.0 25.0 37.4#

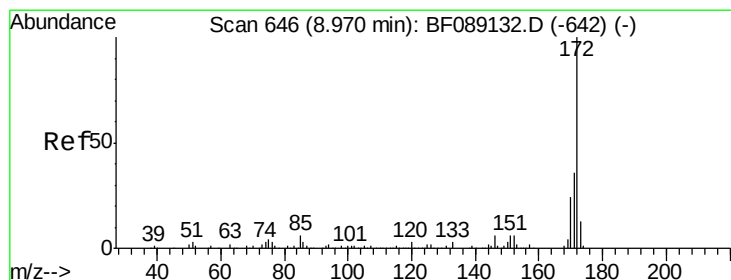
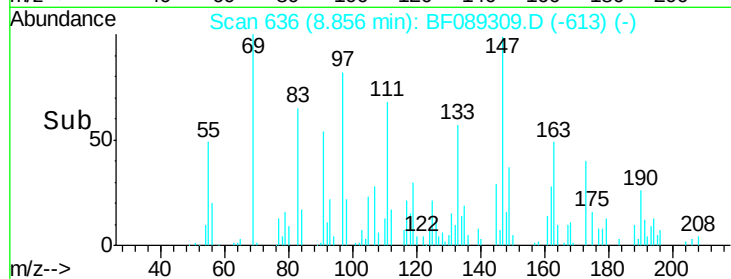
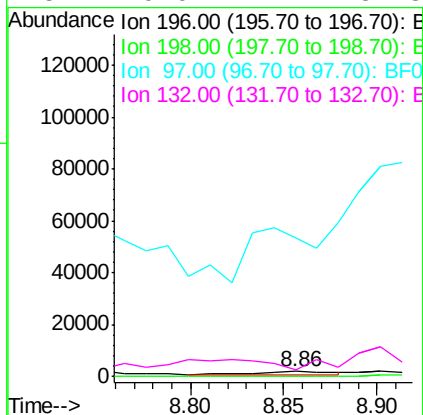
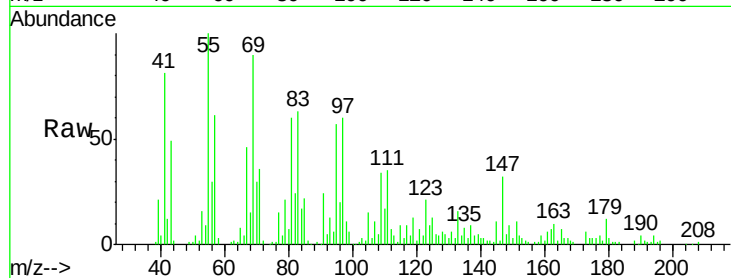




#43
 2,4,5-Trichlorophenol
 Concen: 2.29 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

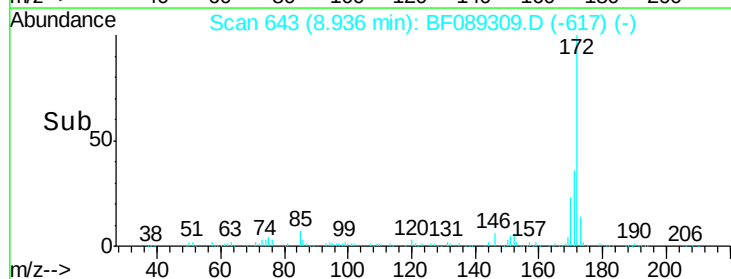
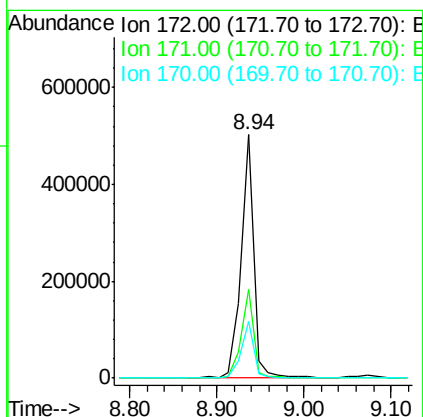
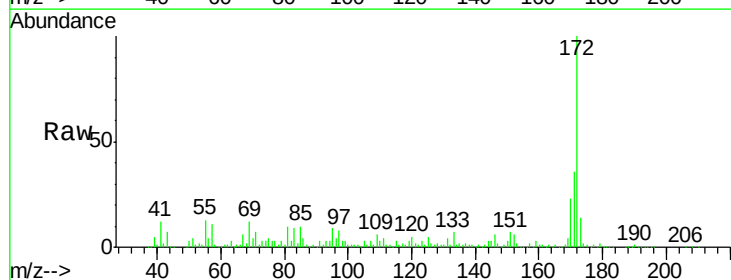
Instrument :
 BNA_F
 ClientSampleId :
 GW-1

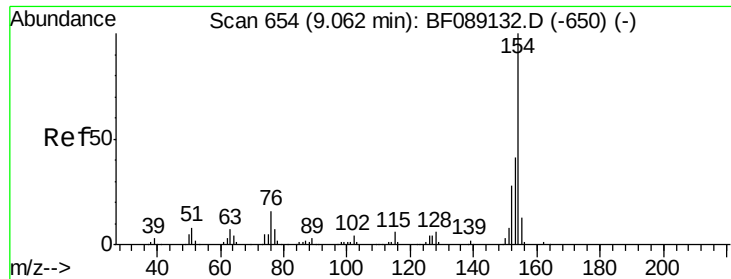
Tgt Ion:196 Resp: 3086
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.6 116.4#
 97 3018.1 36.5 54.7#
 132 129.0 21.2 31.8#



#44
 2-Fluorobiphenyl
 Concen: 108.12 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Tgt Ion:172 Resp: 507419
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.4 19.1 28.7





#45

1,1'-Biphenyl

Concen: 8.88 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

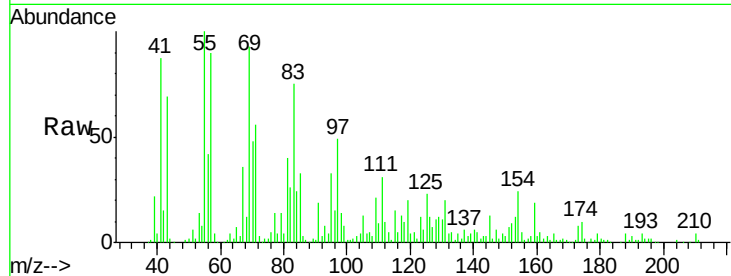
Tgt Ion:154 Resp: 51729

Ion Ratio Lower Upper

154 100

153 48.5 21.1 61.1

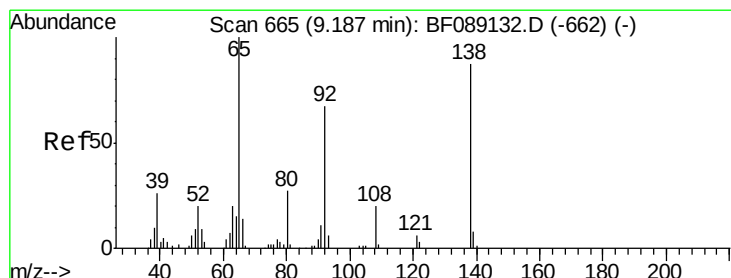
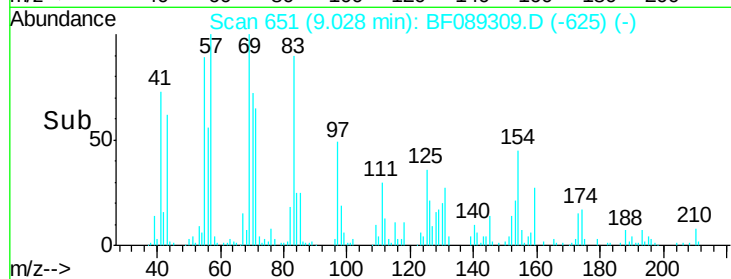
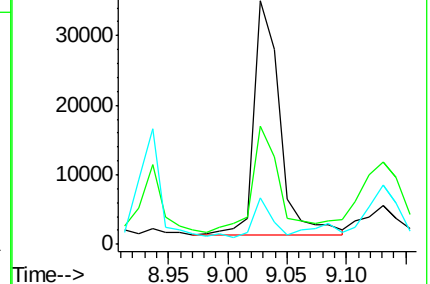
76 19.0 0.0 35.8



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): E



#47

2-Nitroaniline

Concen: 7.10 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

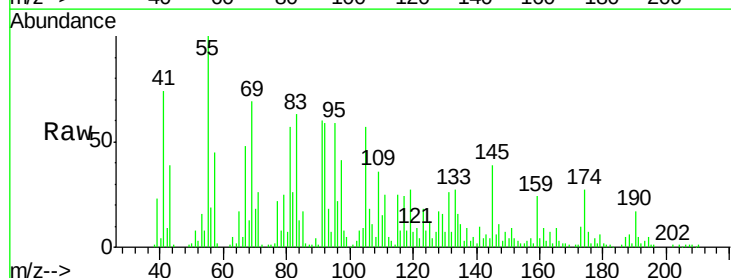
Tgt Ion: 65 Resp: 10779

Ion Ratio Lower Upper

65 100

92 358.0 53.2 79.8#

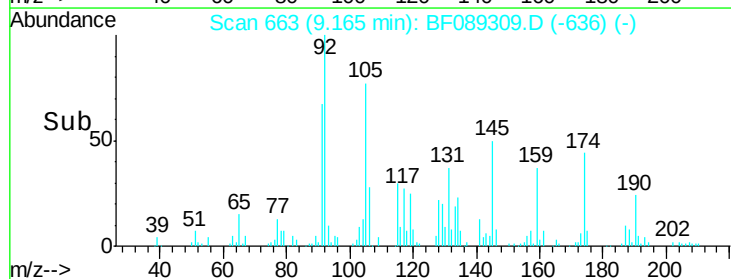
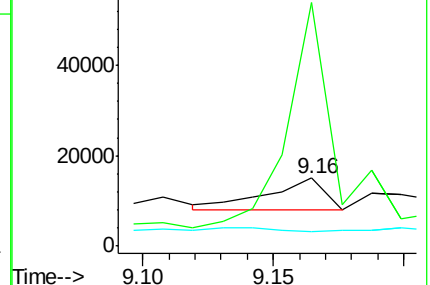
138 20.5 69.4 104.2#

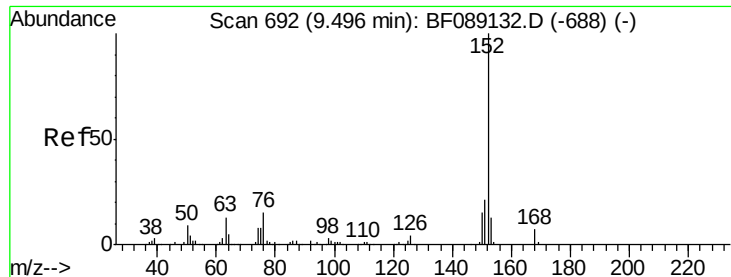


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.04 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

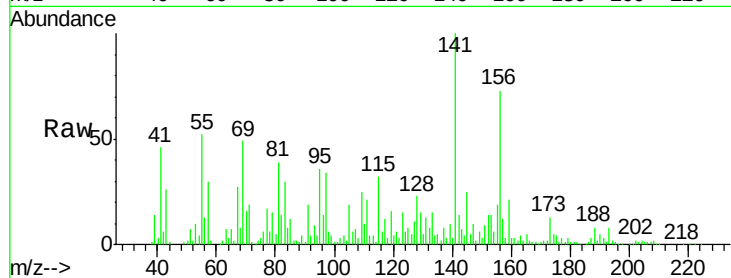
Tgt Ion:152 Resp: 21180

Ion Ratio Lower Upper

152 100

151 62.0 16.5 24.7#

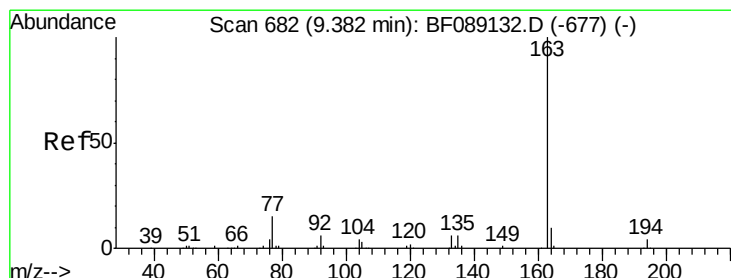
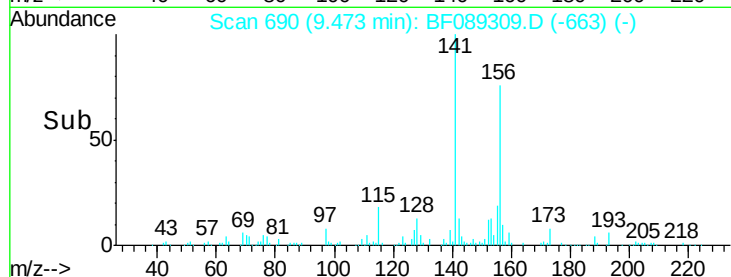
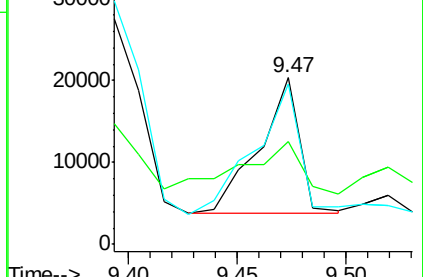
153 96.4 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.86 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

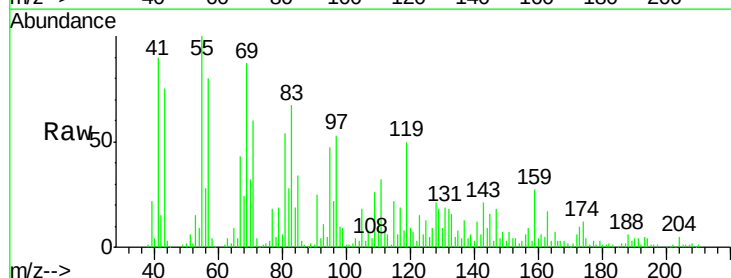
Tgt Ion:163 Resp: 24112

Ion Ratio Lower Upper

163 100

194 25.4 2.9 4.3#

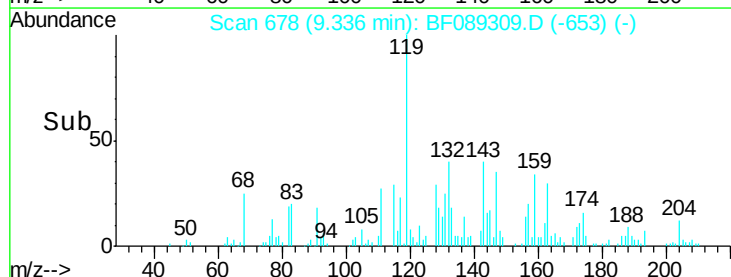
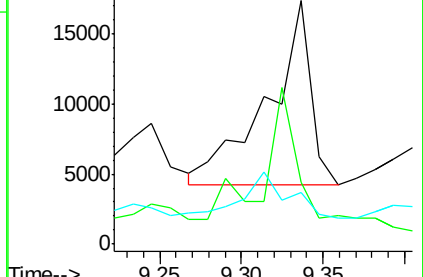
164 21.0 7.6 11.4#

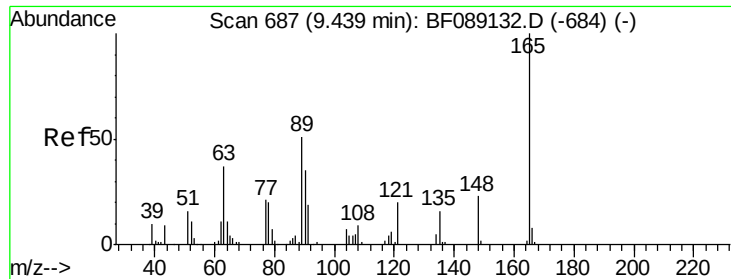


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

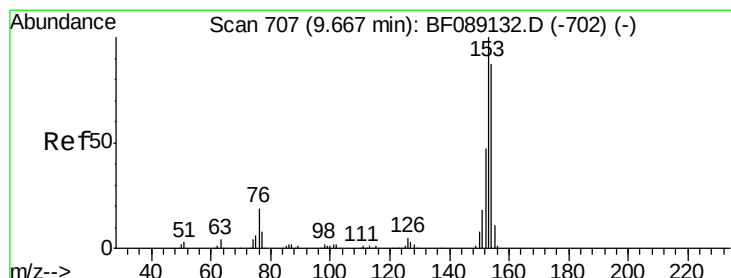
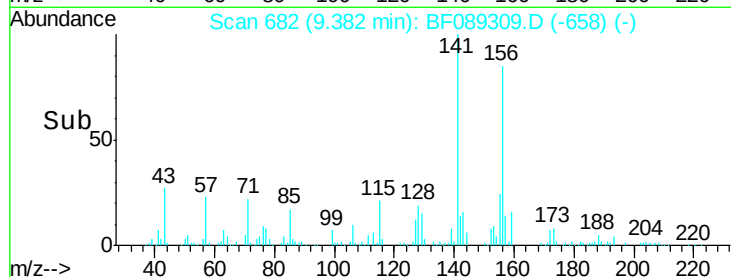
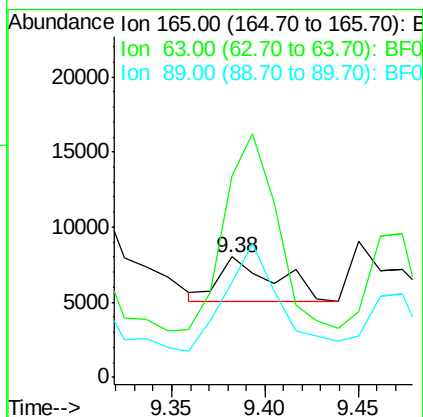
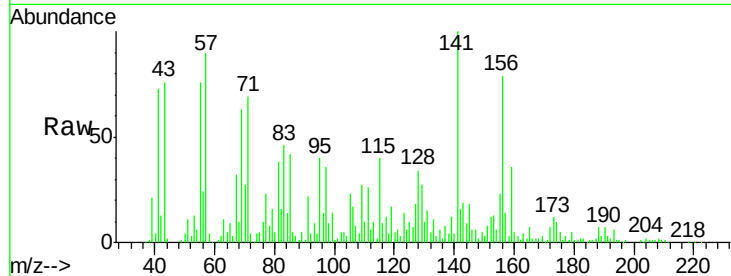




#50
 2,6-Dinitrotoluene
 Concen: 5.57 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

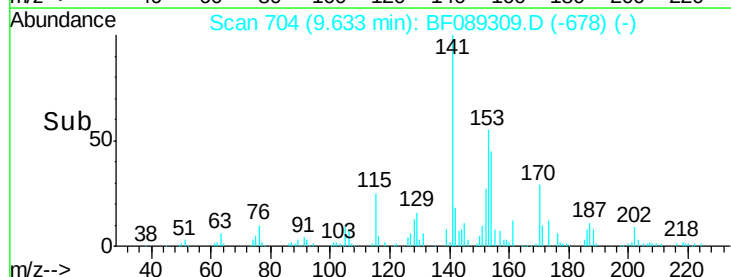
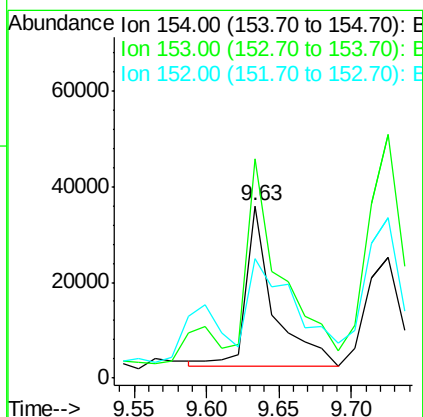
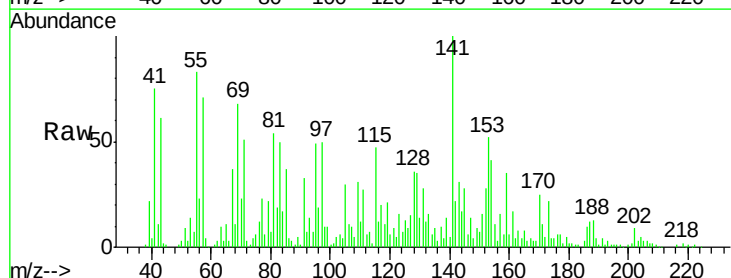
Instrument :
 BNA_F
 ClientSampleId :
 GW-1

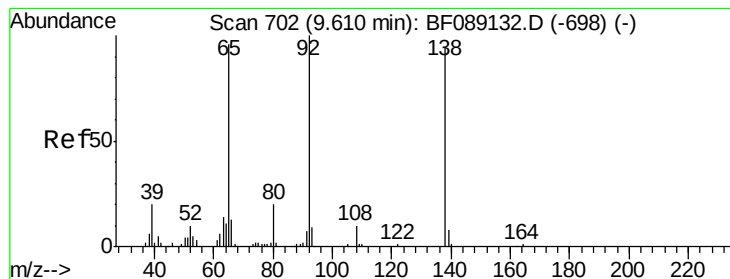
Tgt Ion:165 Resp: 6239
 Ion Ratio Lower Upper
 165 100
 63 166.7 37.0 55.4#
 89 79.3 40.9 61.3#



#51
 Acenaphthene
 Concen: 10.72 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Tgt Ion:154 Resp: 44115
 Ion Ratio Lower Upper
 154 100
 153 127.2 91.9 137.9
 152 69.5 42.8 64.2#





#52

3-Nitroaniline

Concen: 4.89 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampled :

GW-1

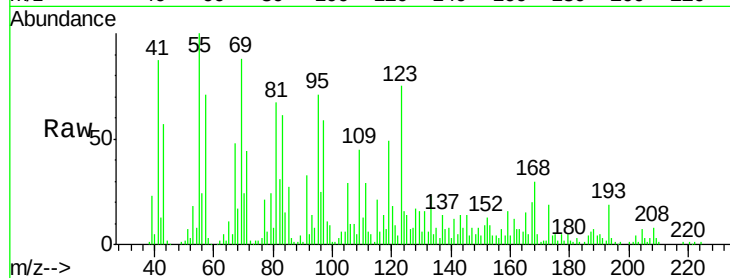
Tgt Ion:138 Resp: 6505

Ion Ratio Lower Upper

138 100

108 78.6 8.8 13.2#

92 71.2 85.3 127.9#

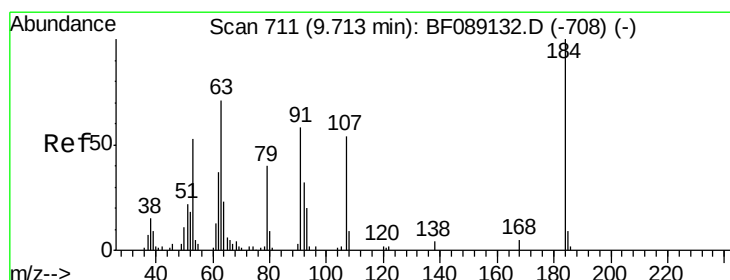
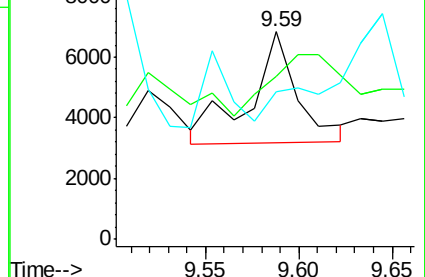
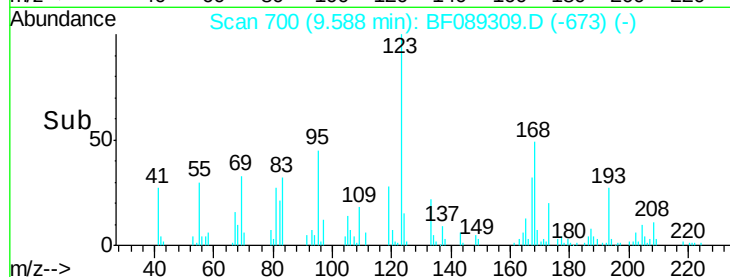


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



#53

2,4-Dinitrophenol

Concen: 20.09 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.22 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

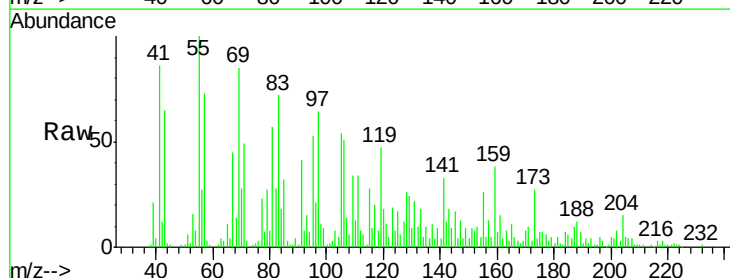
Tgt Ion:184 Resp: 7394

Ion Ratio Lower Upper

184 100

63 68.7 60.3 90.5

154 79.8 60.7 91.1

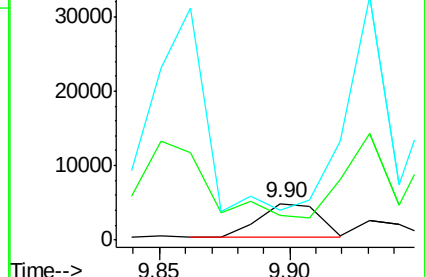
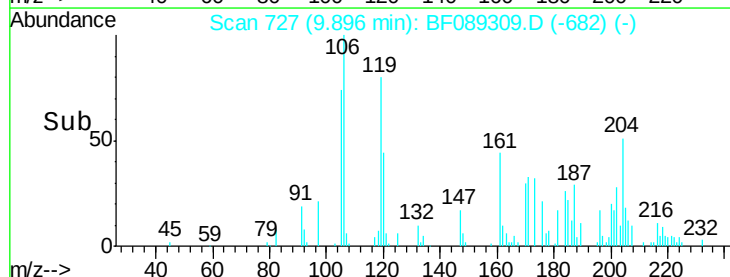


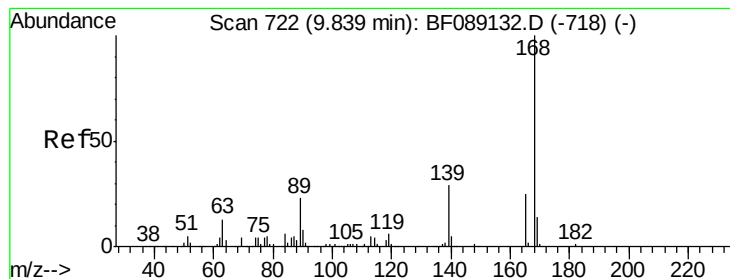
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->





#54

Dibenzofuran

Concen: 9.21 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

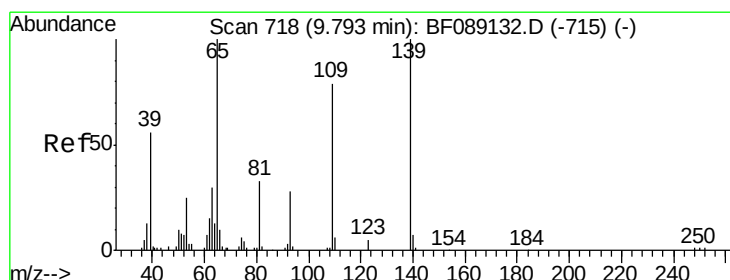
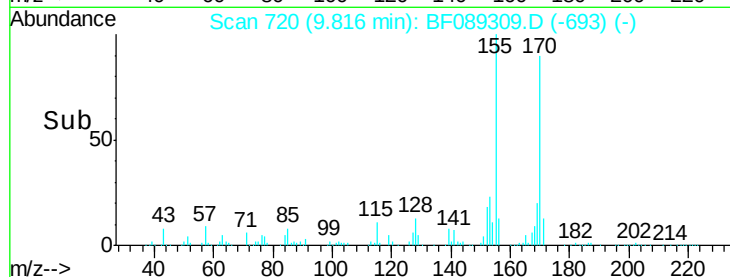
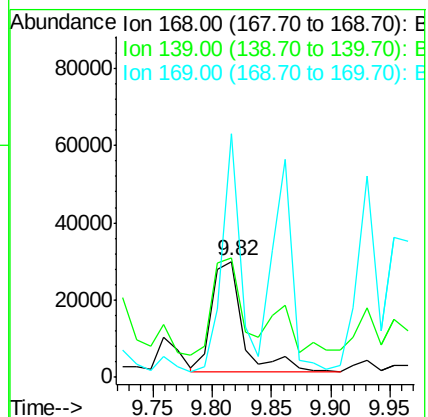
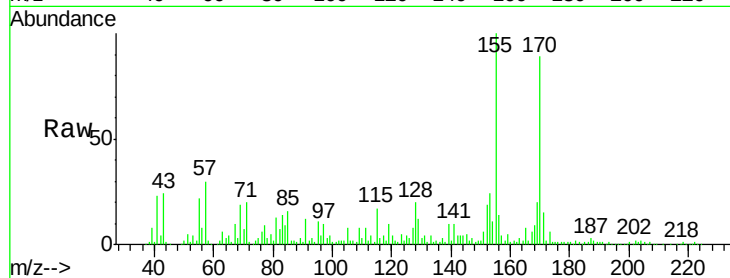
Tgt Ion:168 Resp: 51230

Ion Ratio Lower Upper

168 100

139 103.1 34.4 51.6#

169 209.5 10.8 16.2#



#55

4-Nitrophenol

Concen: 33.69 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

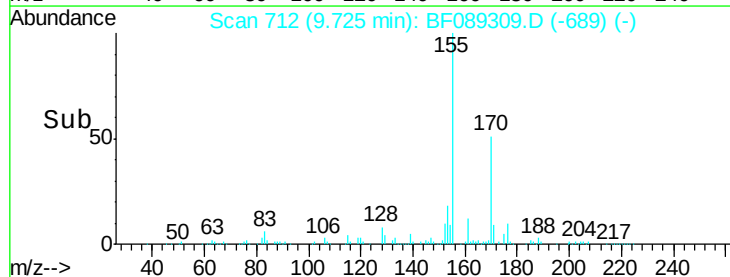
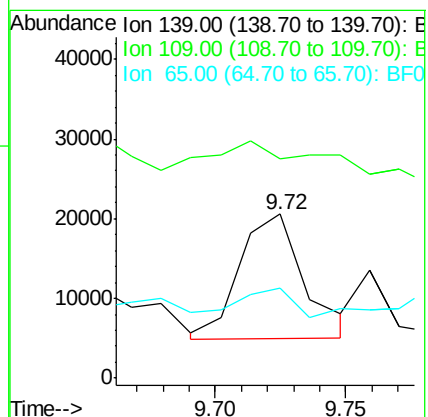
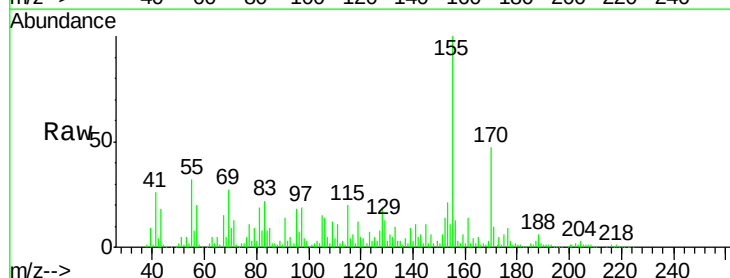
Tgt Ion:139 Resp: 27119

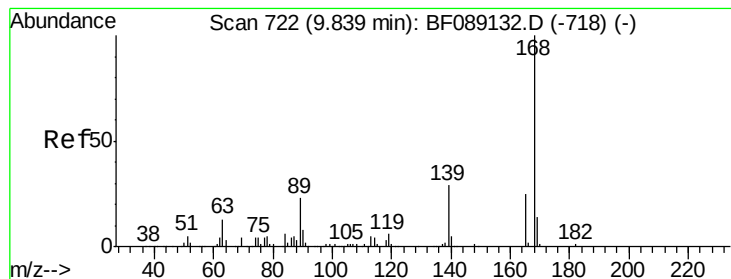
Ion Ratio Lower Upper

139 100

109 134.0 58.7 98.7#

65 54.7 80.2 120.2#

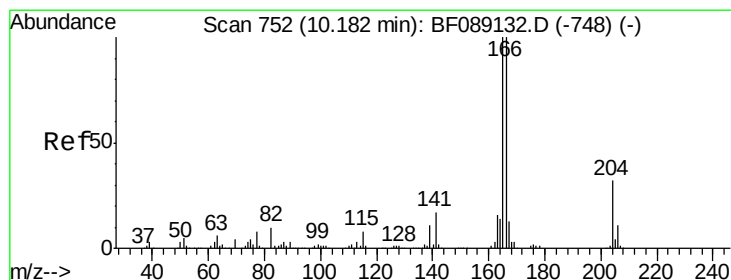
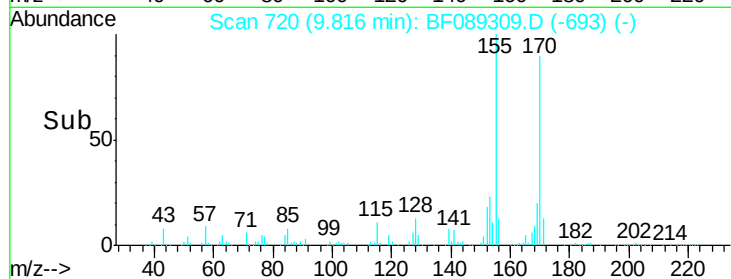
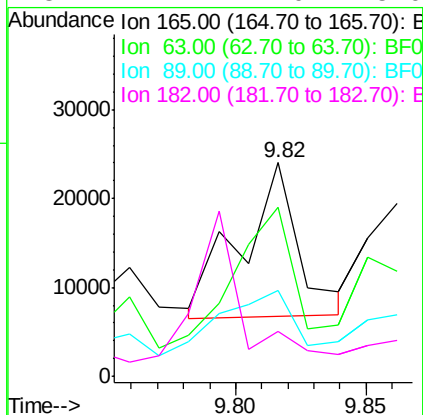
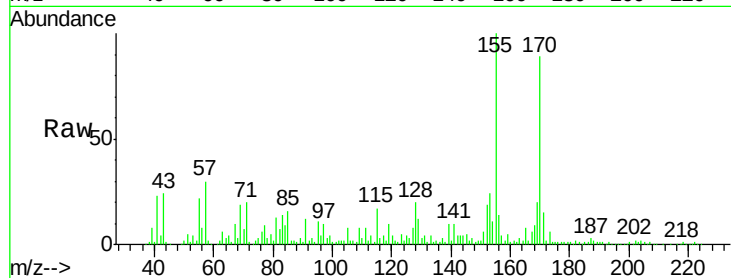




#56
2,4-Dinitrotoluene
Concen: 18.59 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

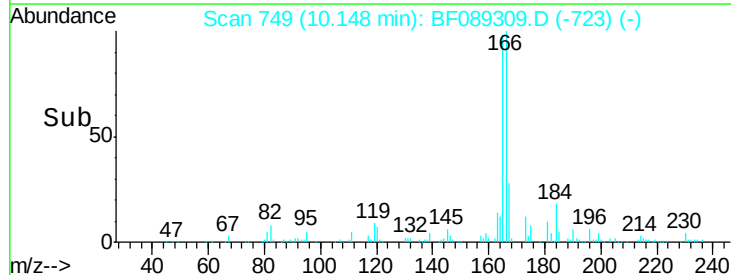
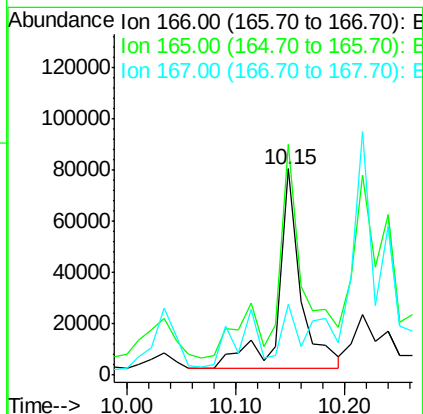
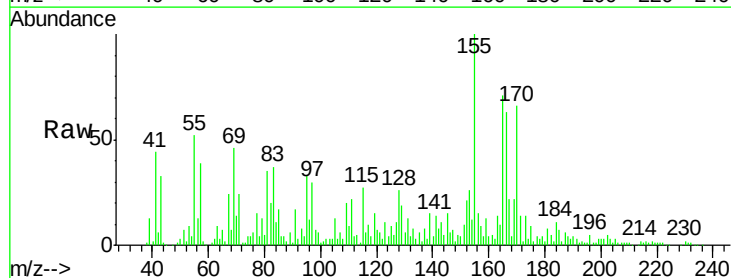
Instrument :
BNA_F
ClientSampleId :
GW-1

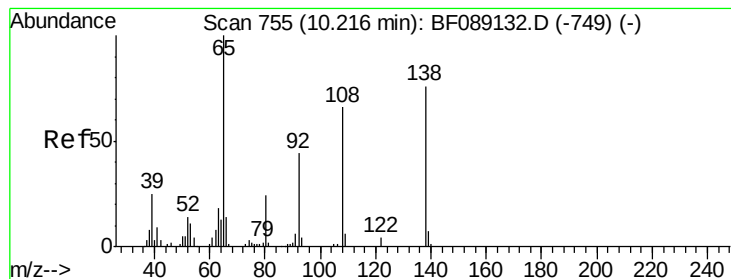
Tgt Ion:165 Resp: 26828
Ion Ratio Lower Upper
165 100
63 79.2 55.4 83.2
89 40.0 74.3 111.5#
182 21.1 2.0 3.0#



#57
Fluorene
Concen: 23.35 ng
RT: 10.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF089309.D
Acq: 26 Jul 2016 13:04

Tgt Ion:166 Resp: 110201
Ion Ratio Lower Upper
166 100
165 111.6 79.9 119.9
167 34.2 10.7 16.1#





#61

4-Nitroaniline

Concen: 2.39 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.03 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampleId :

GW-1

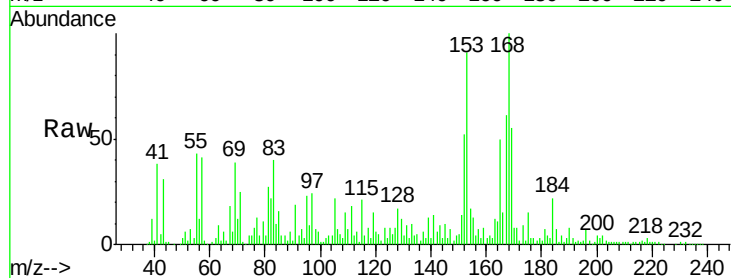
Tgt Ion:138 Resp: 3089

Ion Ratio Lower Upper

138 100

92 144.2 37.2 77.2#

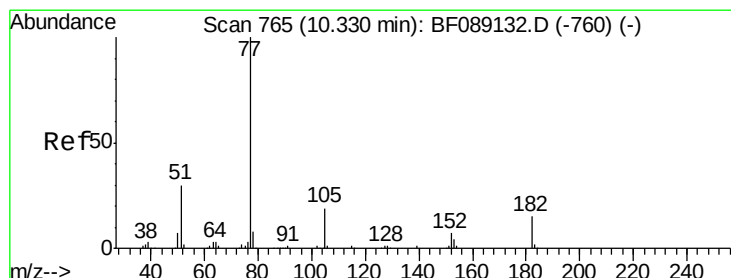
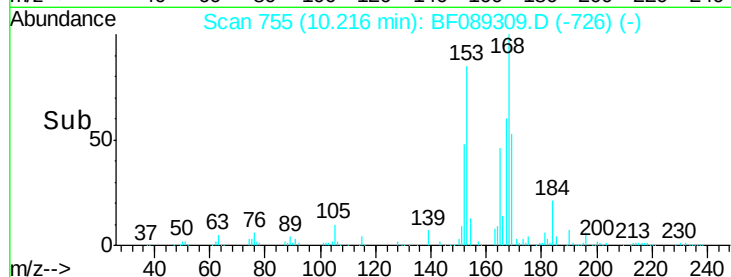
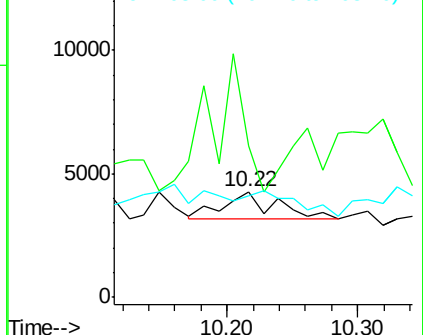
108 95.7 66.1 106.1



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: 3.02 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Tgt Ion: 77 Resp: 16129

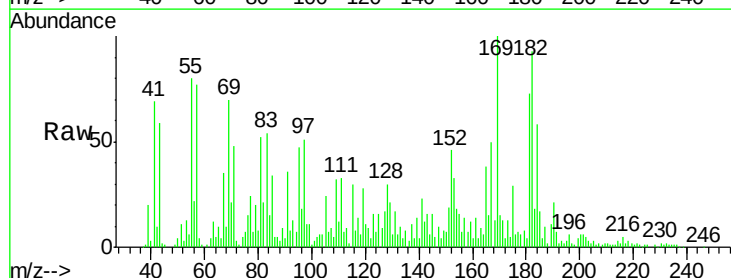
Ion Ratio Lower Upper

77 100

182 389.4 0.0 35.0#

105 98.6 0.0 39.4#

51 44.9 10.7 50.7

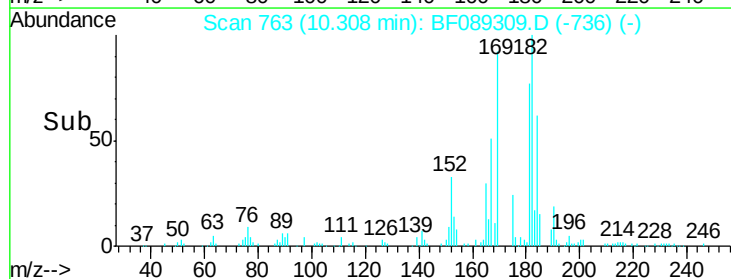
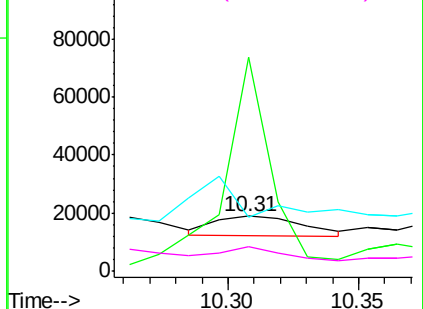


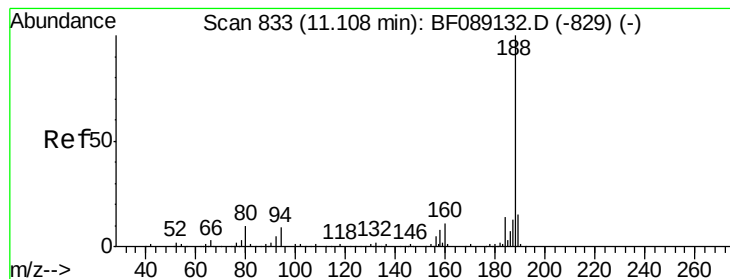
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.07 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

Instrument :

BNA_F

ClientSampled :

GW-1

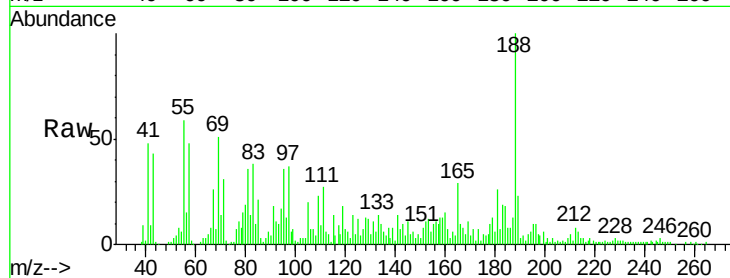
Tgt Ion:188 Resp: 120441

Ion Ratio Lower Upper

188 100

94 16.9 7.0 10.4#

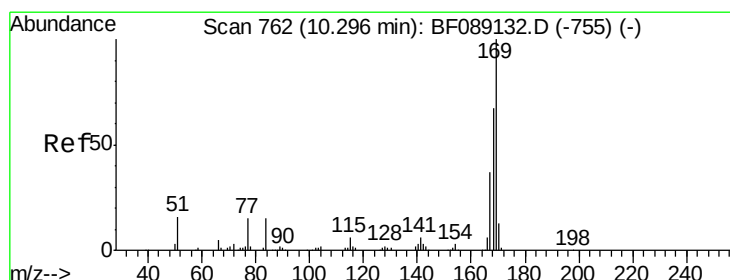
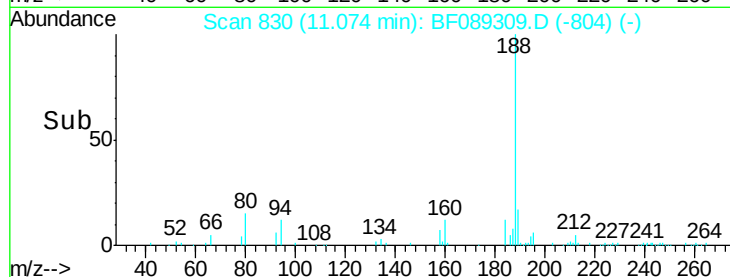
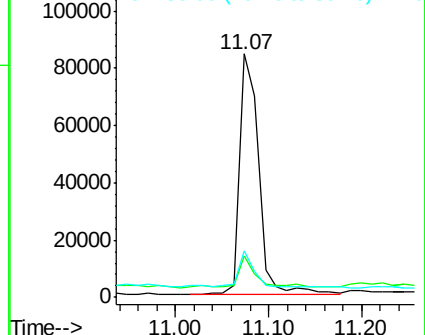
80 19.0 7.7 11.5#



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: 60.67 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089309.D

Acq: 26 Jul 2016 13:04

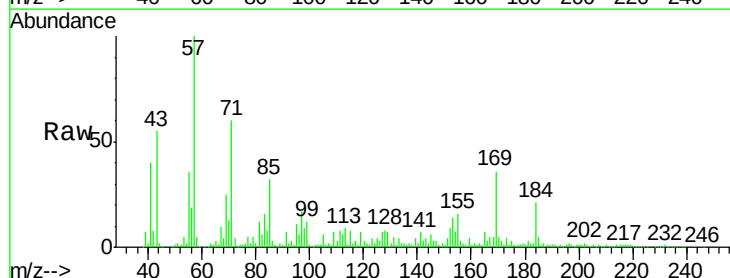
Tgt Ion:169 Resp: 244215

Ion Ratio Lower Upper

169 100

168 14.5 53.4 80.0#

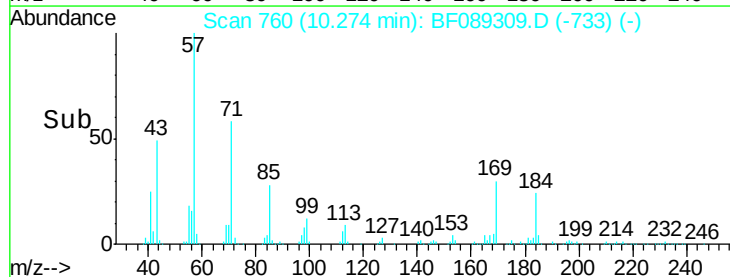
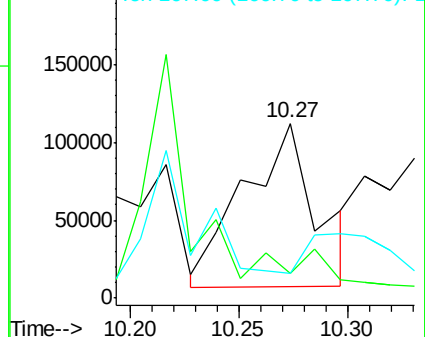
167 14.3 29.5 44.3#

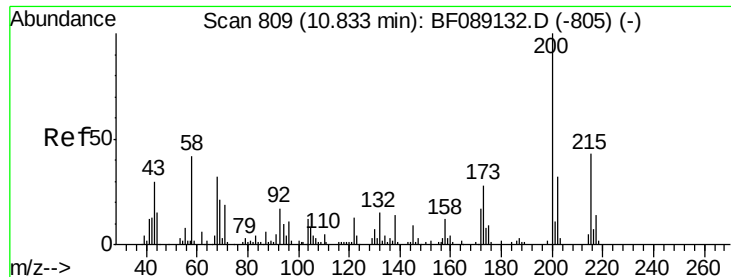


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

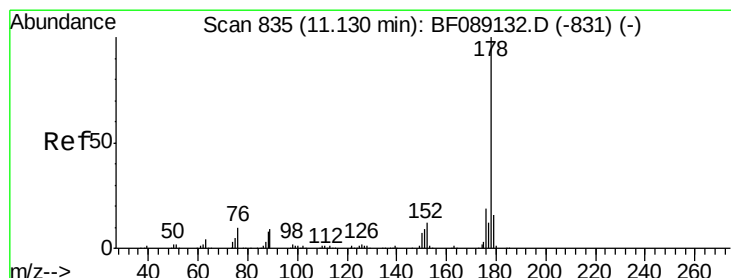
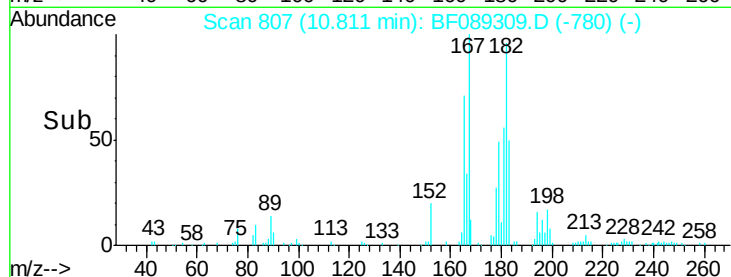
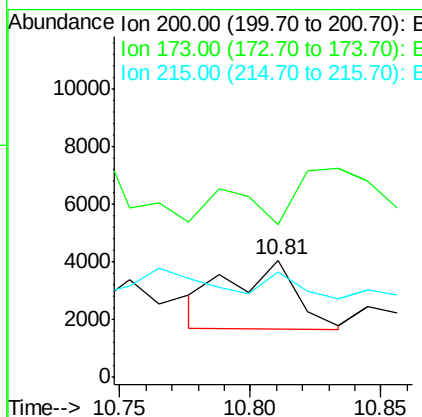
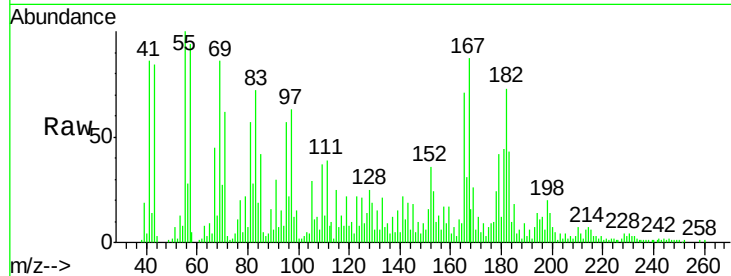




#68
 Atrazine
 Concen: 3.39 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

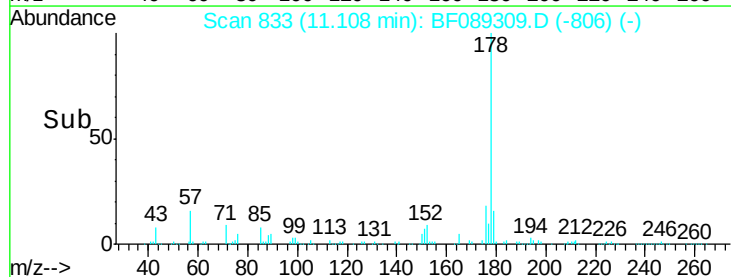
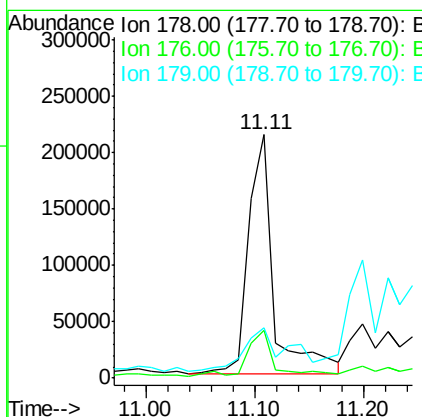
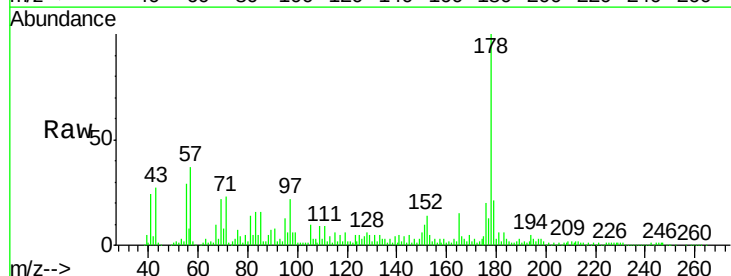
Instrument :
 BNA_F
 ClientSampleId :
 GW-1

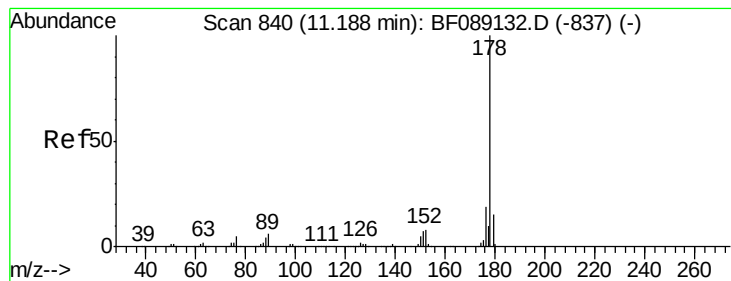
Tgt Ion:200 Resp: 4262
 Ion Ratio Lower Upper
 200 100
 173 129.6 7.8 47.8#
 215 89.7 22.9 62.9#



#70
 Phenanthrene
 Concen: 51.70 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Tgt Ion:178 Resp: 341557
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 20.7 12.4 18.6#

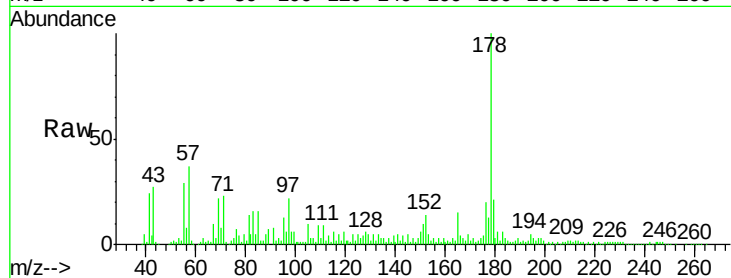




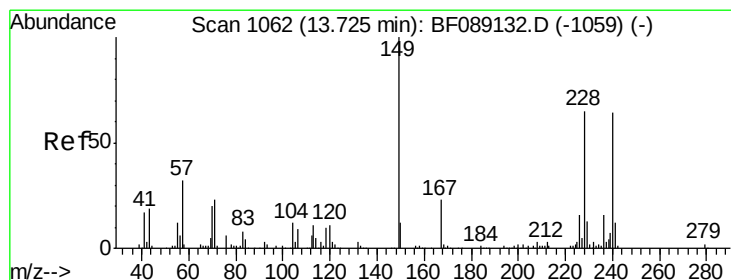
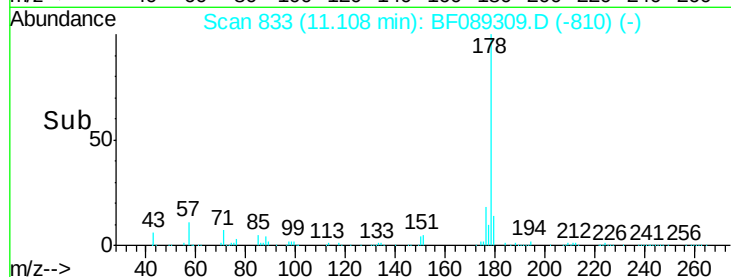
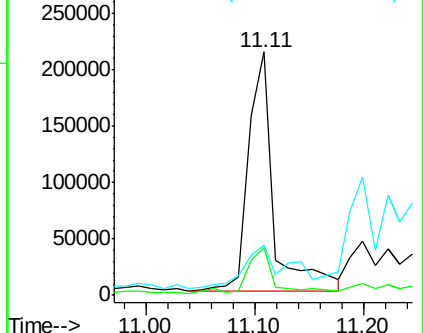
#71
 Anthracene
 Concen: 49.74 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.03 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Instrument :
 BNA_F
 ClientSampled :
 GW-1

Tgt Ion:178 Resp: 341557
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.9 22.3
 179 20.7 12.0 18.0#

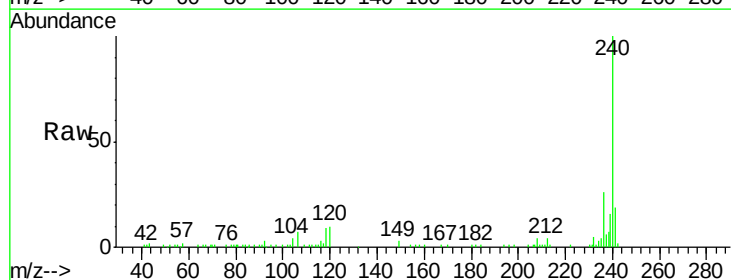


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

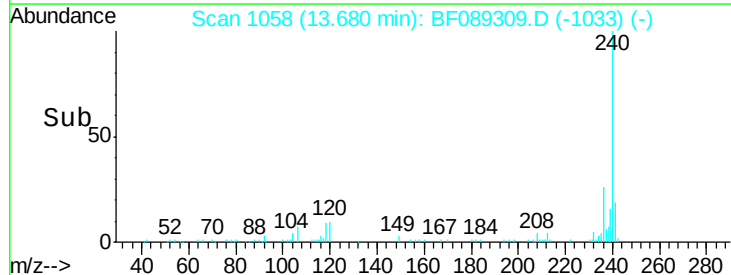
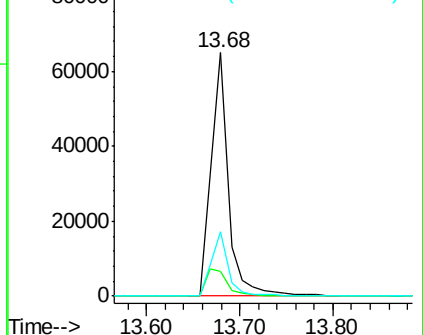


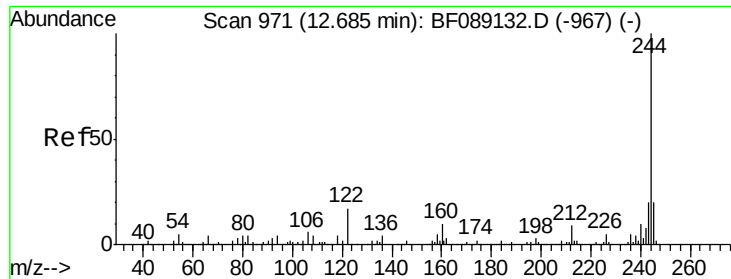
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Tgt Ion:240 Resp: 83773
 Ion Ratio Lower Upper
 240 100
 120 10.3 13.6 20.4#
 236 26.4 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

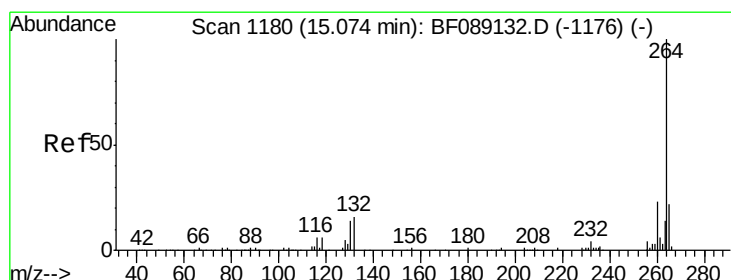
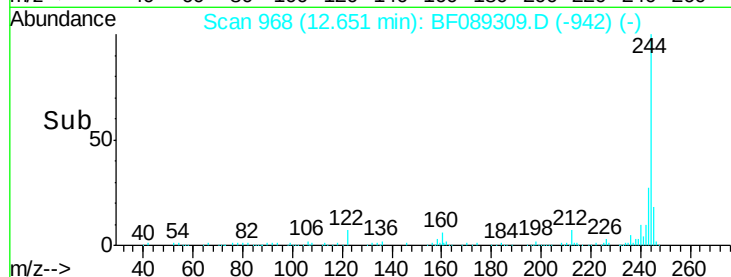
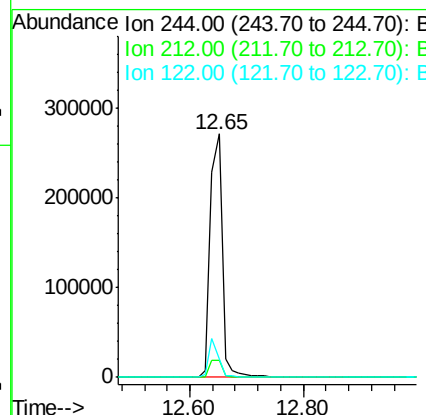
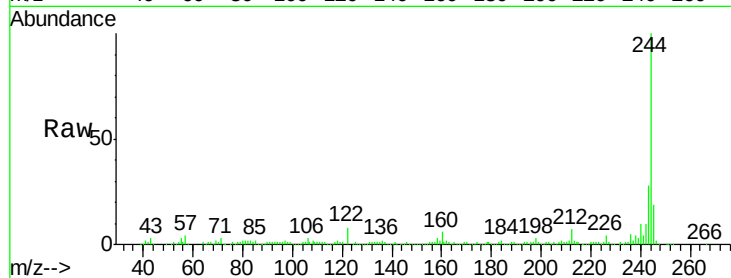




#78
 Terphenyl-d14
 Concen: 98.76 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Tgt Ion:244 Resp: 381432
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 7.7 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089309.D
 Acq: 26 Jul 2016 13:04

Tgt Ion:264 Resp: 72695
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 21.6 17.3 25.9

