

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090260.D
 Acq On : 27 Sep 2016 19:05
 Operator : UM/SJ
 Sample : H4933-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

Quant Time: Sep 28 00:43:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	116219	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	245542	20.00	ng	0.02
38) Acenaphthene-d10	9.54	164	127918	20.00	ng	0.03
63) Phenanthrene-d10	10.98	188	320272	20.00	ng	0.00
75) Chrysene-d12	13.58	240	277216	20.00	ng	-0.02
86) Perylene-d12	14.90	264	267983	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	902062	126.52	ng	0.00
7) Phenol-d6	6.14	99	925666	105.12	ng	0.00
23) Nitrobenzene-d5	7.06	82	436017	102.94	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	187768	171.10	ng	0.01
44) 2-Fluorobiphenyl	8.88	172	324399	49.79	ng	0.02
78) Terphenyl-d14	12.56	244	638142	58.44	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	5.99	77	21125	5.51	ng	# 3
10) Phenol	6.15	94	44398	4.27	ng	# 80
15) Benzyl Alcohol	6.67	79	39009	7.43	ng	# 31
18) Hexachloroethane	7.07	117	483513	154.91	ng	# 46
19) n-Nitroso-di-n-propylamine	6.94	70	93997	18.17	ng	# 73
20) 3+4-Methylphenols	6.92	107	35011	4.51	ng	# 1
22) Acetophenone	6.83	105	287597	48.57	ng	# 71
24) Nitrobenzene	7.05	77	228614	51.80	ng	# 67
25) Isophorone	7.32	82	298061	33.68	ng	# 1
26) 2-Nitrophenol	7.37	139	25165	11.58	ng	# 1
27) 2,4-Dimethylphenol	7.46	122	79926	20.70	ng	# 1
28) bis(2-Chloroethoxy)methane	7.60	93	115590	21.59	ng	# 1
29) 2,4-Dichlorophenol	7.66	162	63269	18.68	ng	# 11
30) 1,2,4-Trichlorobenzene	7.70	180	24168	7.14	ng	# 59
31) Naphthalene	7.88	128	216846	18.55	ng	# 1
32) Benzoic acid	7.60	122	59073	22.29	ng	# 38
33) 4-Chloroaniline	7.86	127	113662	23.44	ng	# 1
35) Caprolactam	8.28	113	432274	385.62	ng	# 71
36) 4-Chloro-3-methylphenol	8.33	107	132569	34.63	ng	# 27
37) 2-Methylnaphthalene	8.51	142	312753	43.02	ng	# 87
42) 2,4,6-Trichlorophenol	8.82	196	12822	6.13	ng	# 12
43) 2,4,5-Trichlorophenol	8.82	196	14921	6.89	ng	# 1
47) 2-Nitroaniline	9.11	65	16140	7.93	ng	# 1
48) Acenaphthylene	9.42	152	92437	8.43	ng	# 1
49) Dimethylphthalate	9.27	163	191749	23.53	ng	# 57
50) 2,6-Dinitrotoluene	9.34	165	73635	40.55	ng	# 78
51) Acenaphthene	9.58	154	50580	7.77	ng	# 55
52) 3-Nitroaniline	9.51	138	63637	29.89	ng	# 21
53) 2,4-Dinitrophenol	9.61	184	823	3.93	ng	# 1
54) Dibenzofuran	9.75	168	102314	11.95	ng	# 1
55) 4-Nitrophenol	9.66	139	30384	20.83	ng	# 1
56) 2,4-Dinitrotoluene	9.75	165	26020	12.12	ng	# 64
57) Fluorene	10.07	166	60025	9.30	ng	# 29
59) Diethylphthalate	10.00	149	16027	2.04	ng	# 27

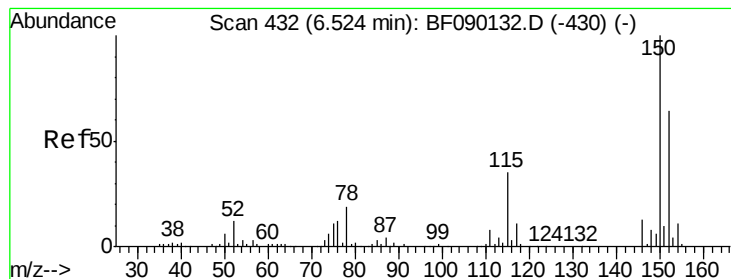
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenylether	10.09	204	6443	2.19	ng	# 1
61) 4-Nitroaniline	9.99	138	29496	13.59	ng	85
62) Azobenzene	10.23	77	32153	3.93	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.17	198	5954	2.97	ng	# 1
65) n-Nitrosodiphenylamine	10.19	169	273081	25.93	ng	# 38
68) Atrazine	10.68	200	8372	2.90	ng	# 1
70) Phenanthrene	11.00	178	101124	6.75	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

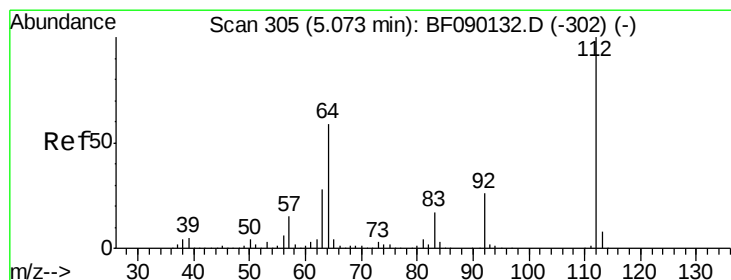
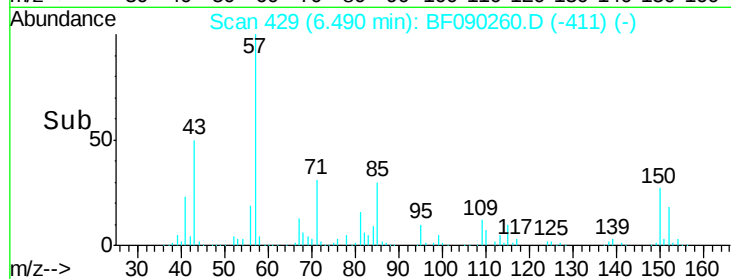
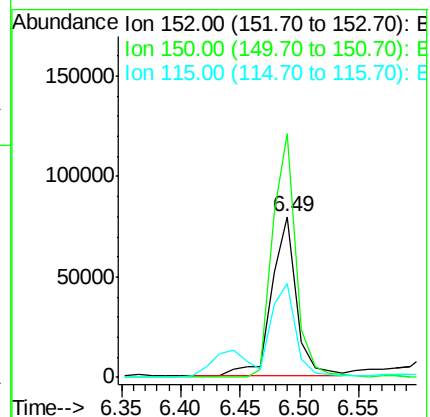
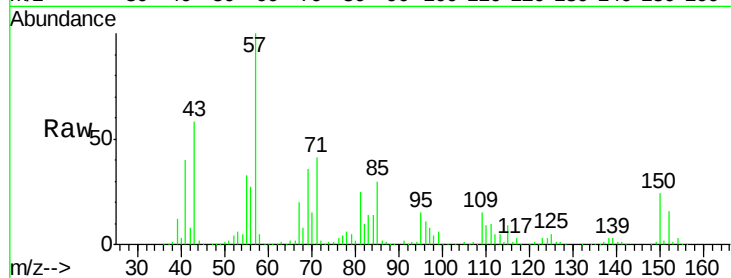
Tgt Ion:152 Resp: 116219

Ion Ratio Lower Upper

152 100

150 151.4 128.9 193.3

115 58.1 55.5 83.3



#5

2-Fluorophenol

Concen: 126.52 ng

RT: 5.03 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

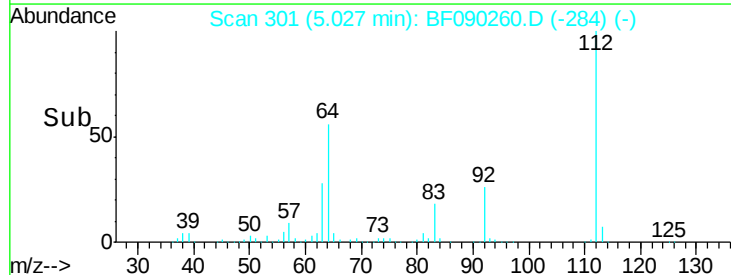
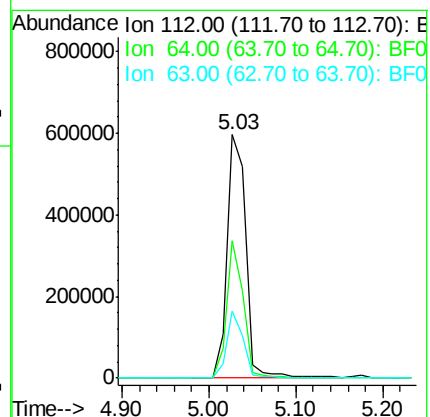
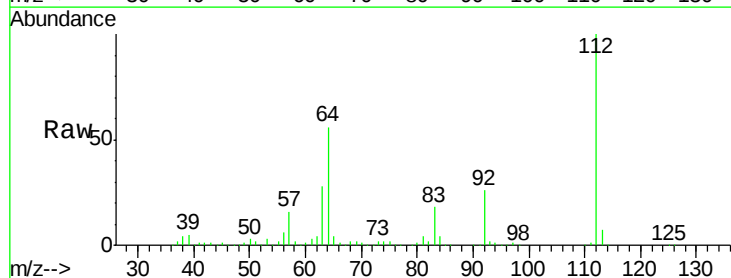
Tgt Ion:112 Resp: 902062

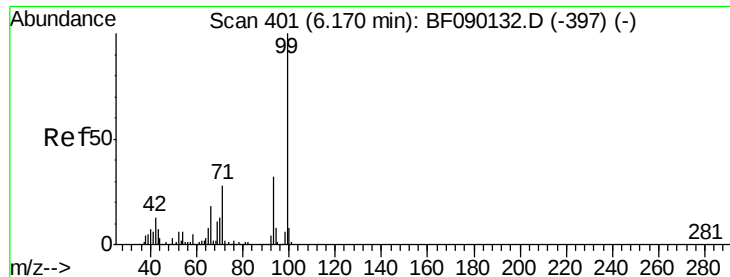
Ion Ratio Lower Upper

112 100

64 56.3 39.8 59.6

63 27.5 18.9 28.3





#7

Phenol-d6

Concen: 105.12 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

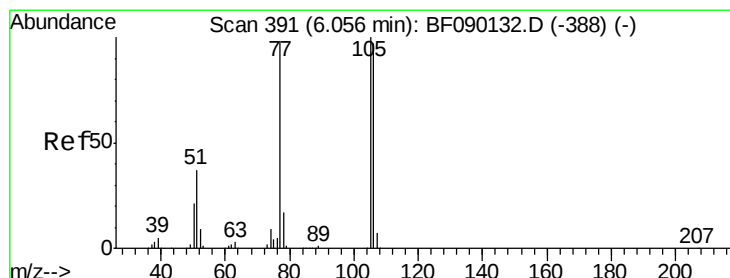
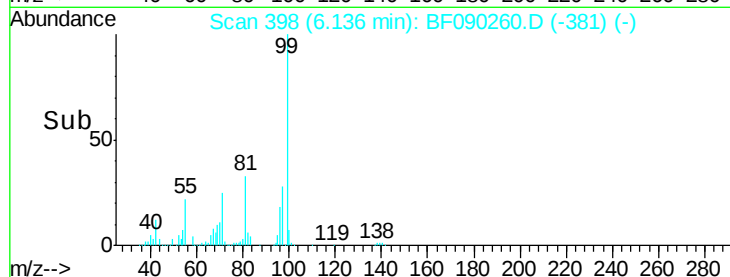
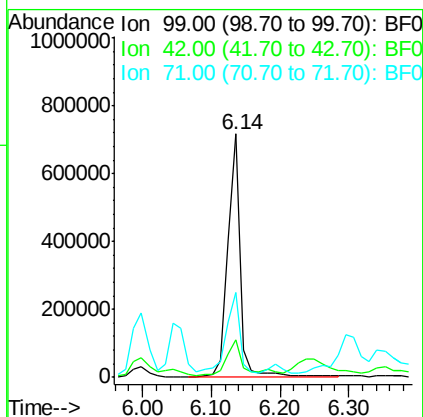
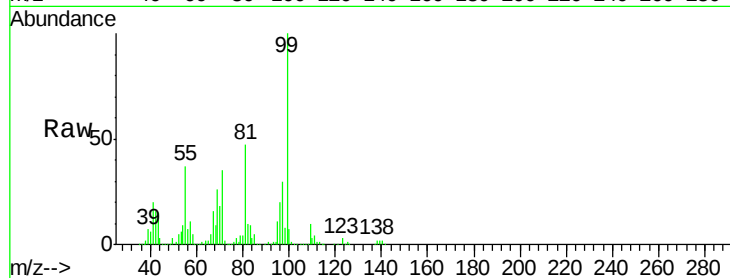
Tgt Ion: 99 Resp: 925666

Ion Ratio Lower Upper

99 100

42 15.5 10.6 15.8

71 34.8 23.0 34.6#



#9

Benzaldehyde

Concen: 5.51 ng

RT: 5.99 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

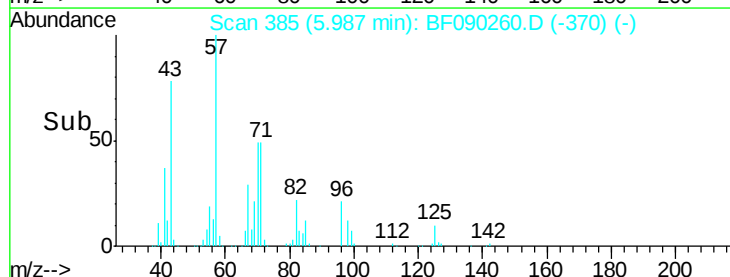
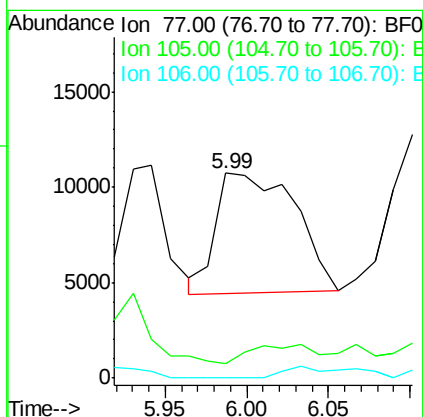
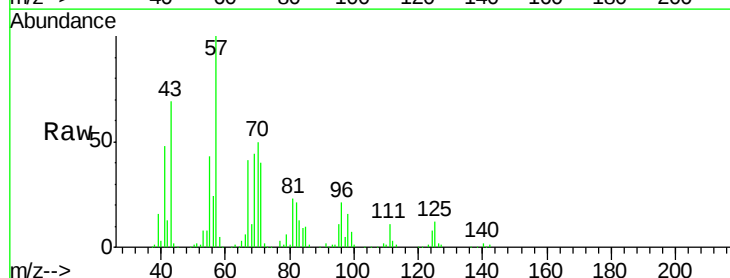
Tgt Ion: 77 Resp: 21125

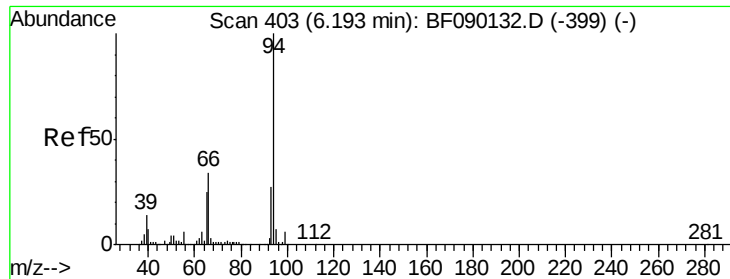
Ion Ratio Lower Upper

77 100

105 6.9 83.0 123.0#

106 0.0 78.5 118.5#





#10

Phenol

Concen: 4.27 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

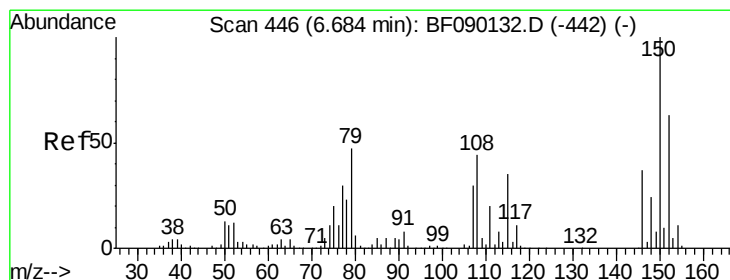
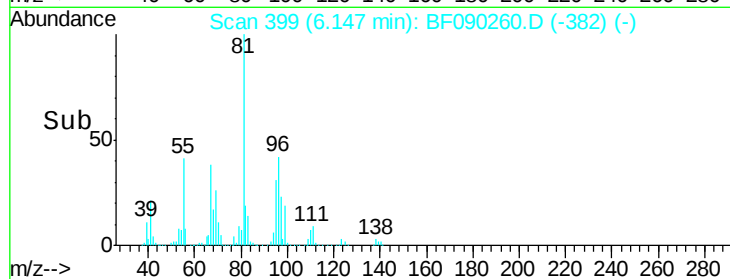
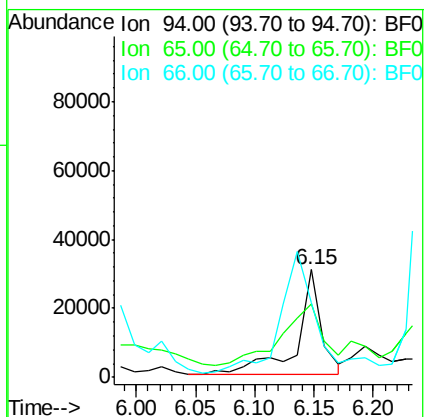
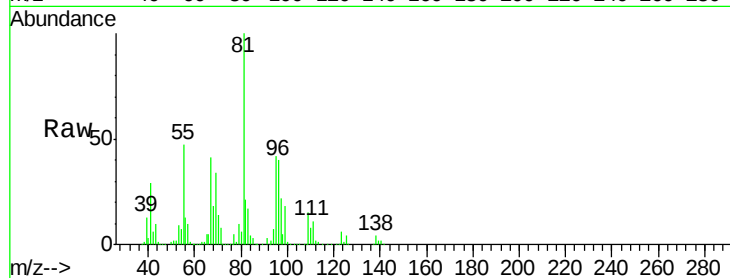
Tgt Ion: 94 Resp: 44398

Ion Ratio Lower Upper

94 100

65 68.5 20.6 60.6#

66 69.2 45.1 85.1



#15

Benzyl Alcohol

Concen: 7.43 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.03 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

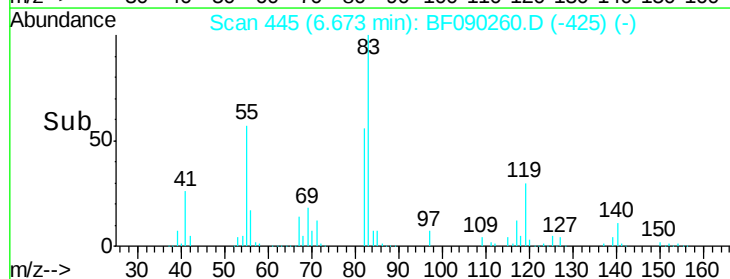
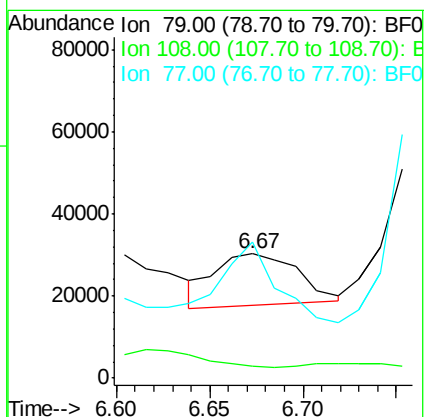
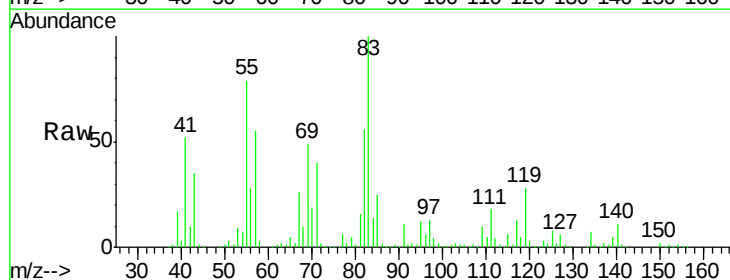
Tgt Ion: 79 Resp: 39009

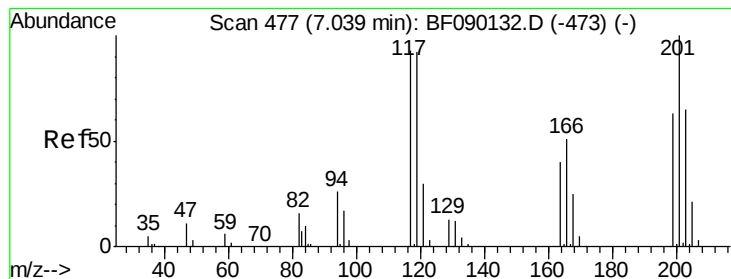
Ion Ratio Lower Upper

79 100

108 9.5 62.2 93.4#

77 109.6 51.4 77.0#

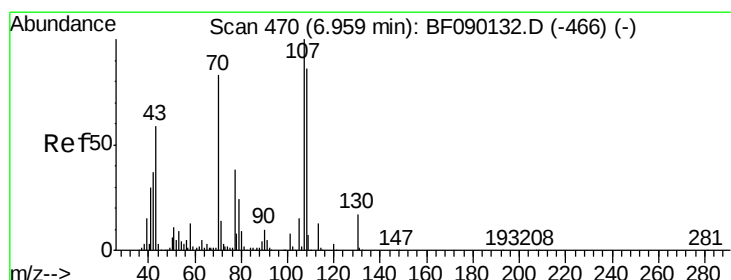
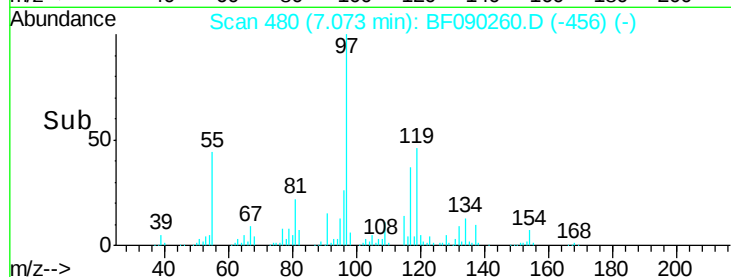
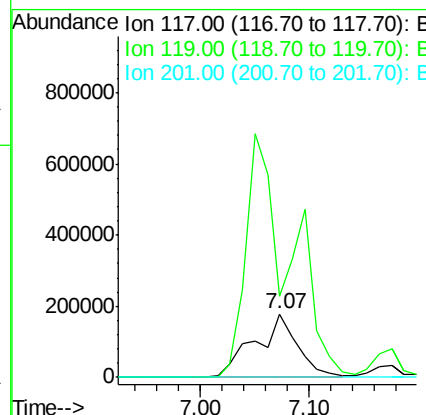
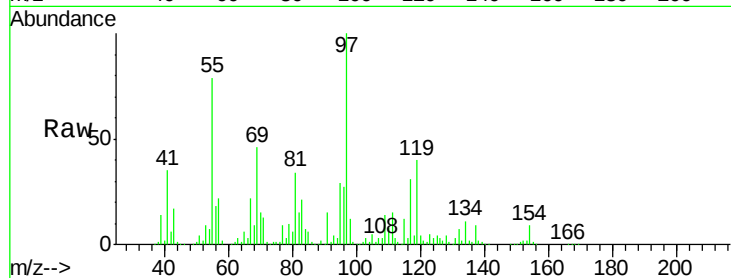




#18
Hexachloroethane
Concen: 154.91 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.08 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

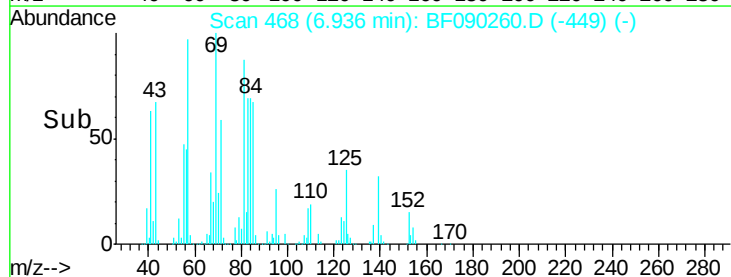
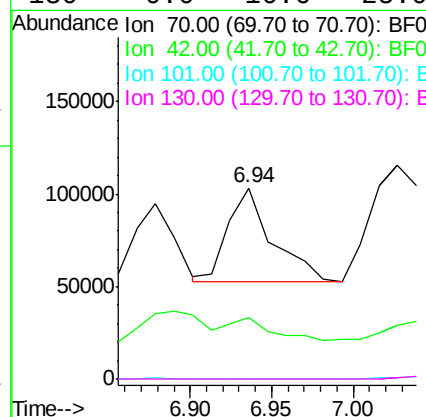
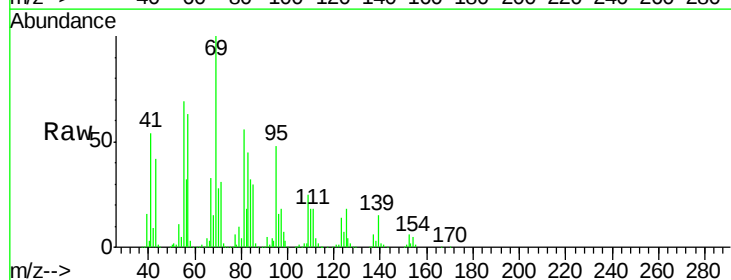
Instrument :
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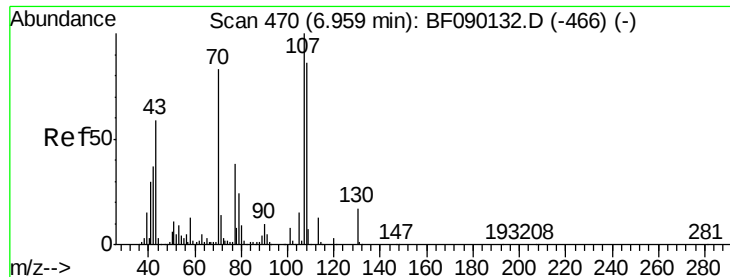
Tgt Ion: 117 Resp: 483513
Ion Ratio Lower Upper
117 100
119 126.9 76.6 115.0#
201 0.0 55.5 83.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.02 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

Tgt Ion: 70 Resp: 93997
Ion Ratio Lower Upper
70 100
42 32.1 35.1 52.7#
101 0.0 7.5 11.3#
130 0.0 16.6 25.0#

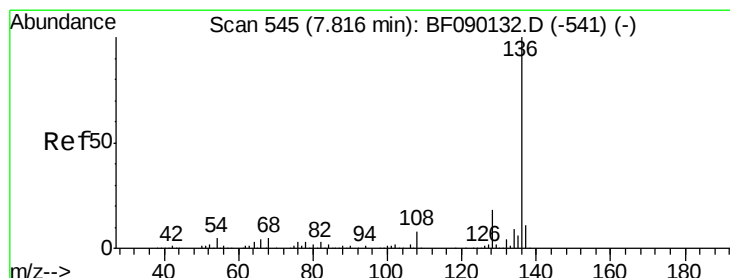
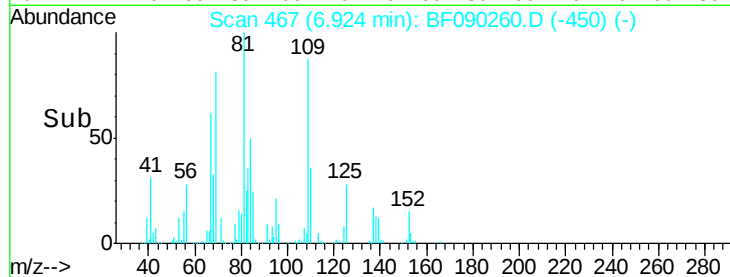
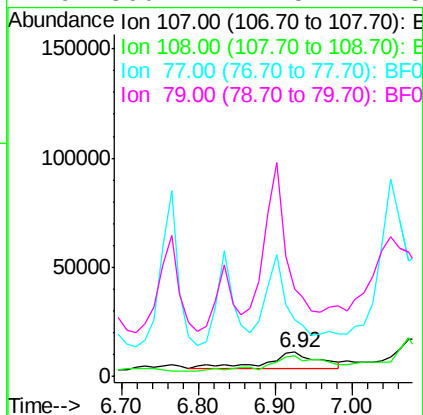
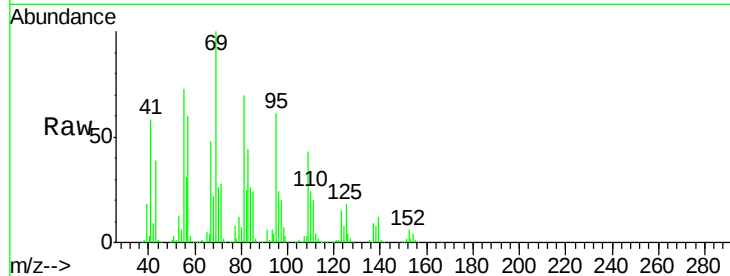




#20
3+4-Methylphenols
Concen: 4.51 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

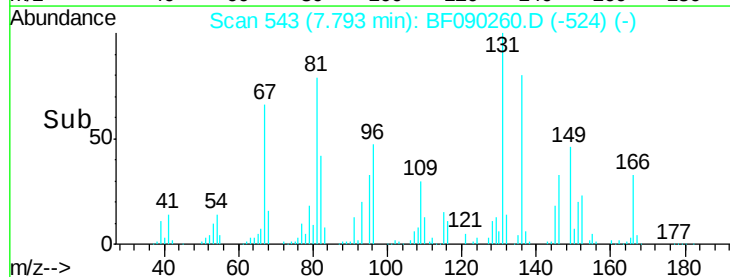
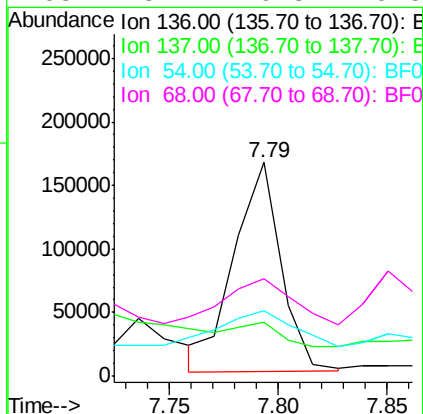
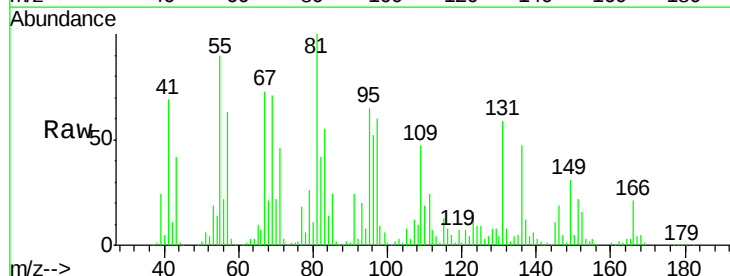
Instrument :
BNA_F
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B4B-7.5-8-BGS

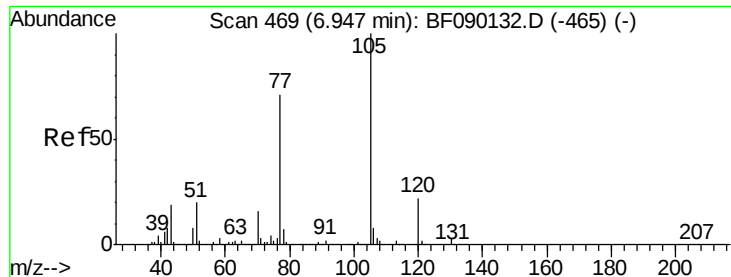
Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.8	73.3	113.3
77	232.6	14.1	54.1#
79	360.1	7.5	47.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	25.1	9.0	13.4#
54	30.6	6.4	9.6#
68	45.4	6.3	9.5#





#22

Acetophenone

Concen: 48.57 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.07 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

Tgt Ion: 105 Resp: 287597

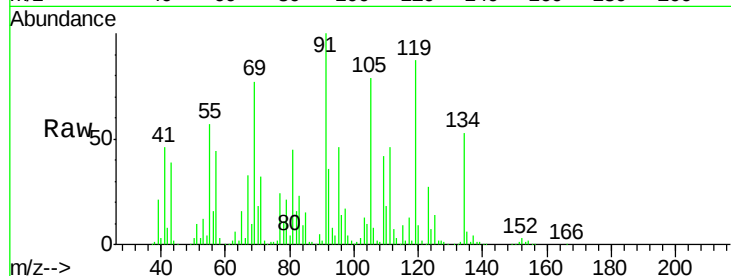
Ion Ratio Lower Upper

105 100

71 40.2 4.1 6.1#

51 12.5 16.2 24.2#

120 11.5 18.2 27.2#

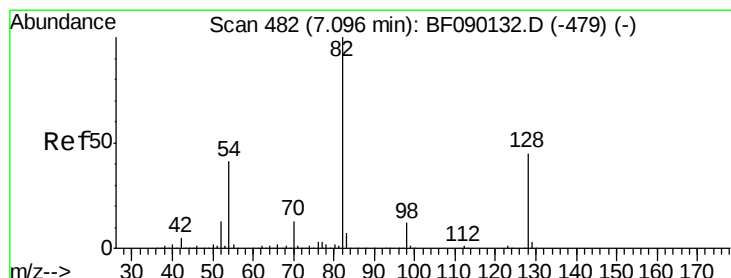
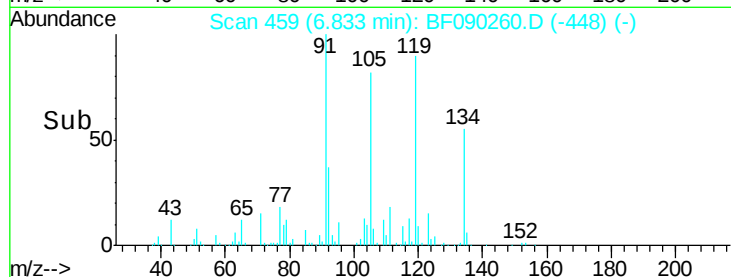
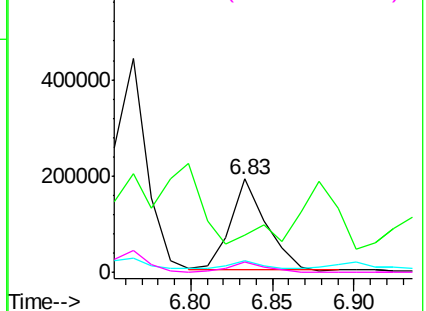


Abundance Ion 105.00 (104.70 to 105.70): E

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: 102.94 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

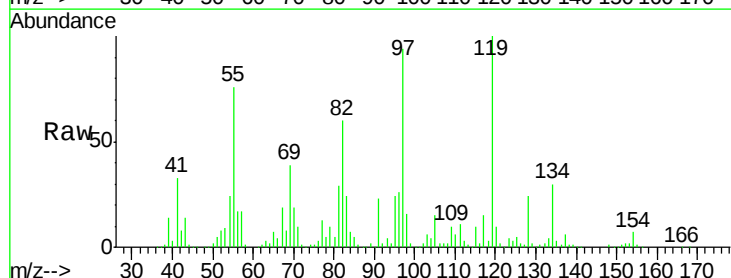
Tgt Ion: 82 Resp: 436017

Ion Ratio Lower Upper

82 100

128 40.3 37.5 56.3

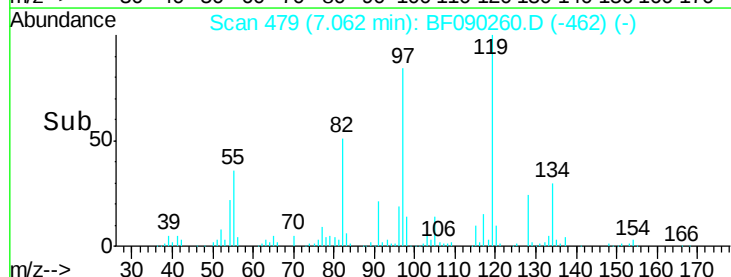
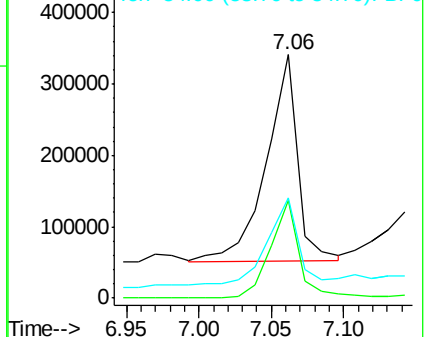
54 40.9 31.9 47.9

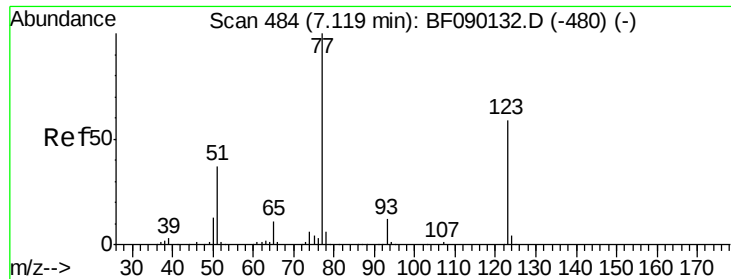


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

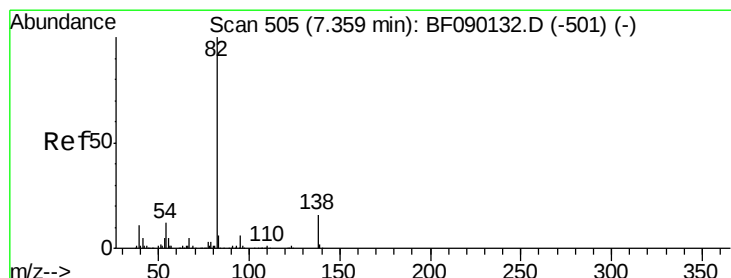
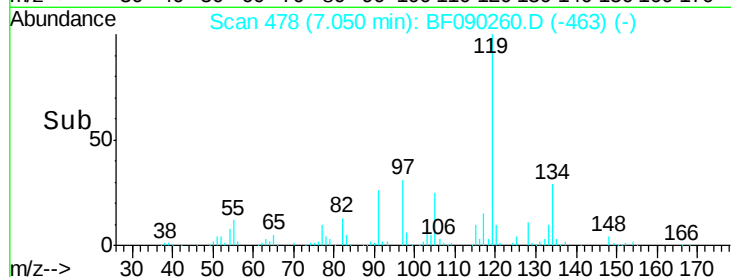
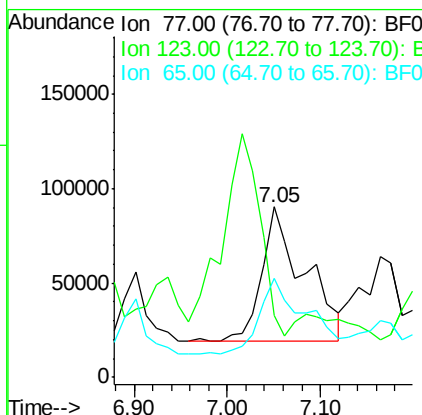
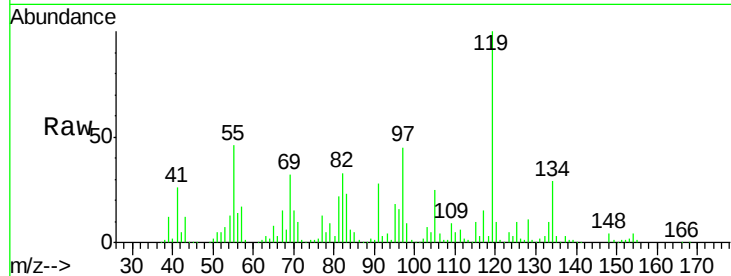




#24
 Nitrobenzene
 Concen: 51.80 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

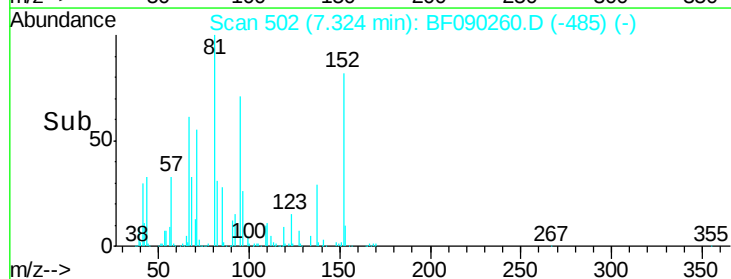
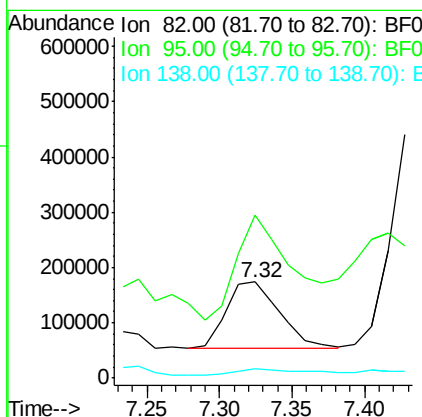
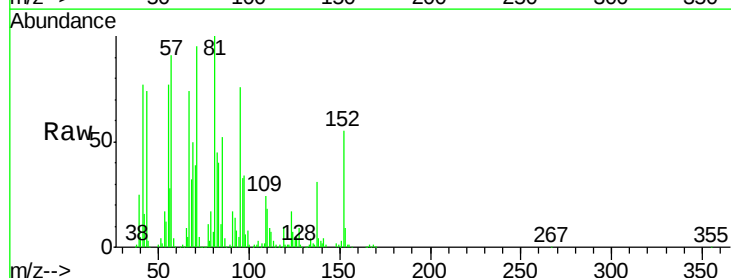
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

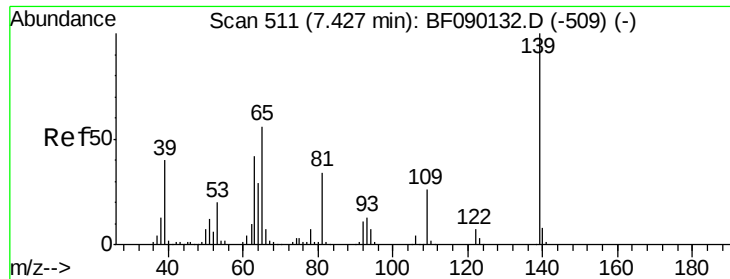
Tgt Ion: 77 Resp: 228614
 Ion Ratio Lower Upper
 77 100
 123 36.5 33.4 50.2
 65 58.5 10.1 15.1#



#25
 Isophorone
 Concen: 33.68 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion: 82 Resp: 298061
 Ion Ratio Lower Upper
 82 100
 95 170.4 5.1 7.7#
 138 9.4 13.5 20.3#

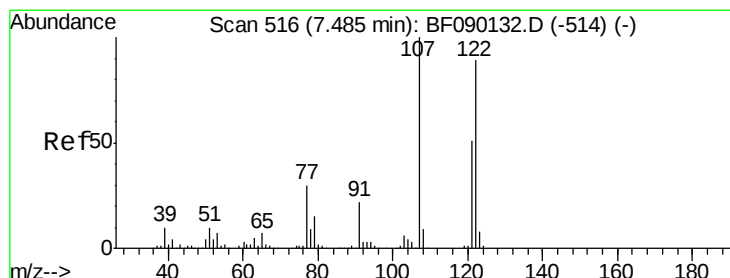
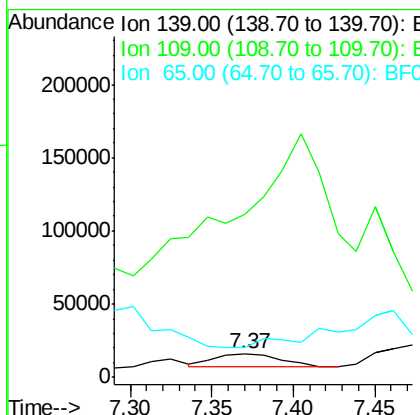
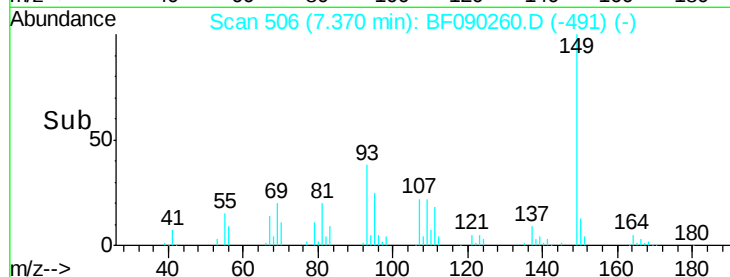
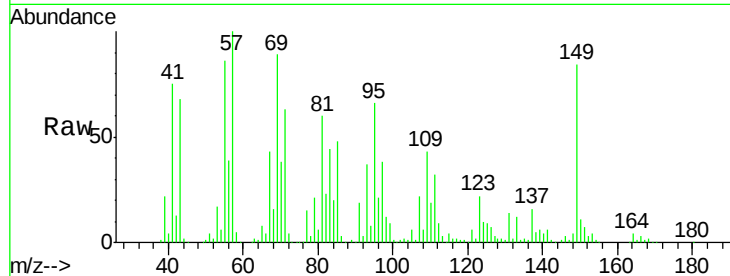




#26
 2-Nitrophenol
 Concen: 11.58 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

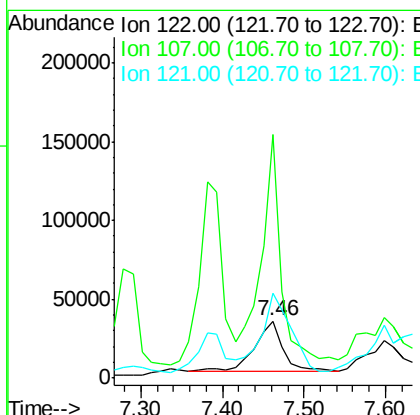
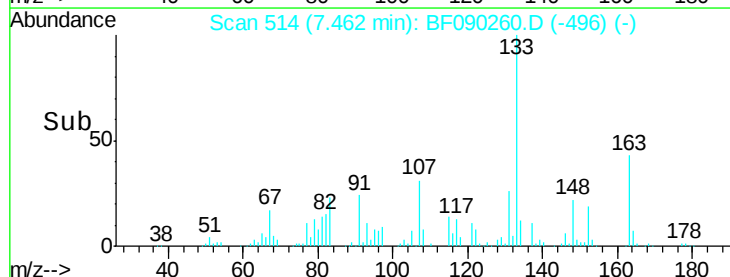
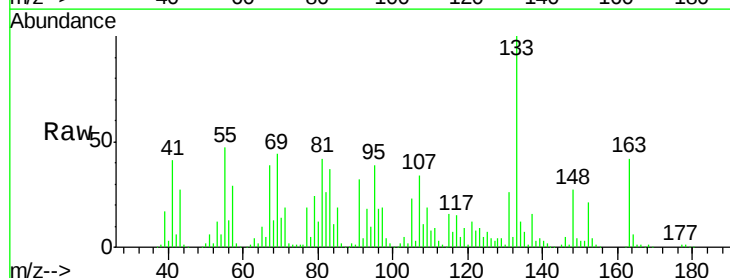
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

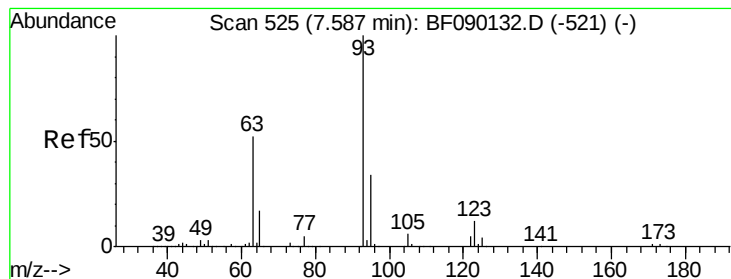
Tgt Ion:139 Resp: 25165
 Ion Ratio Lower Upper
 139 100
 109 679.5 20.5 30.7#
 65 123.7 37.9 56.9#



#27
 2,4-Dimethylphenol
 Concen: 20.70 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:122 Resp: 79926
 Ion Ratio Lower Upper
 122 100
 107 425.6 87.8 131.6#
 121 148.2 45.7 68.5#





#28

bis(2-Chloroethoxy)methane

Concen: 21.59 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.06 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

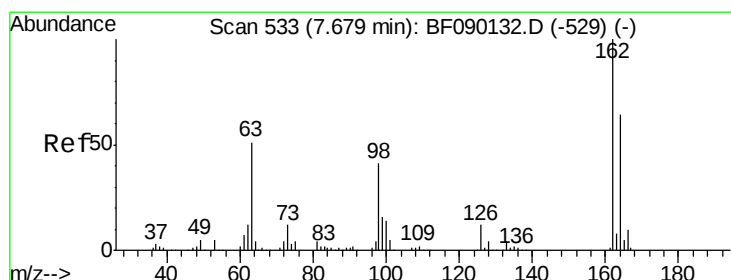
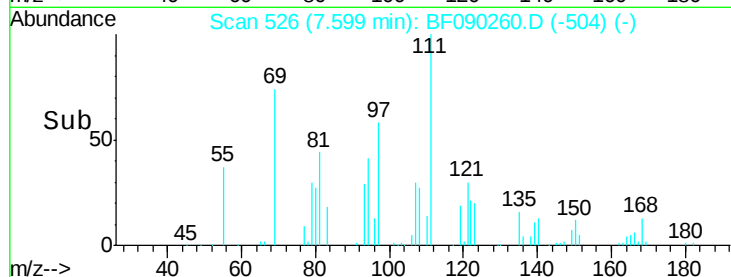
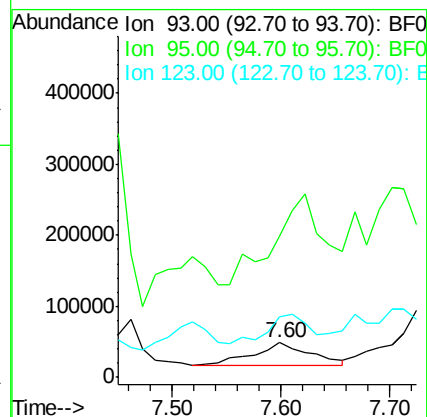
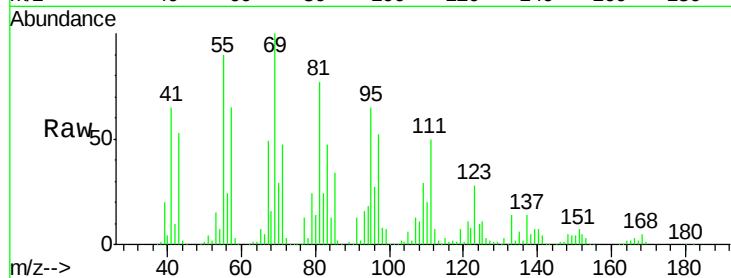
Tgt Ion: 93 Resp: 115590

Ion Ratio Lower Upper

93 100

95 407.7 26.8 40.2#

123 173.6 8.5 12.7#



#29

2,4-Dichlorophenol

Concen: 18.68 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

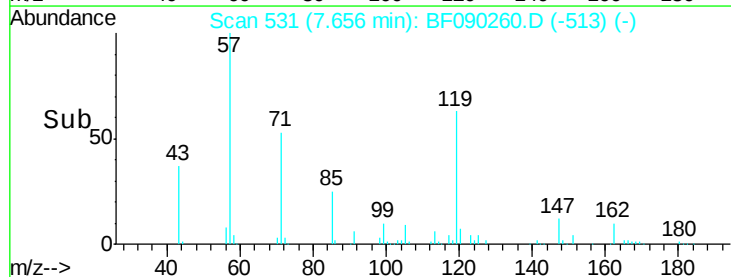
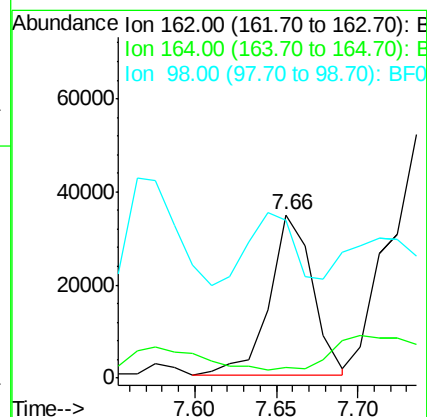
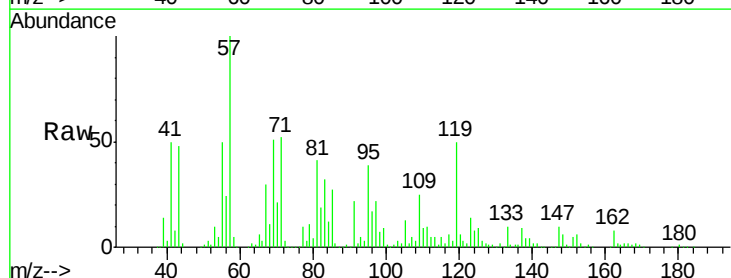
Tgt Ion: 162 Resp: 63269

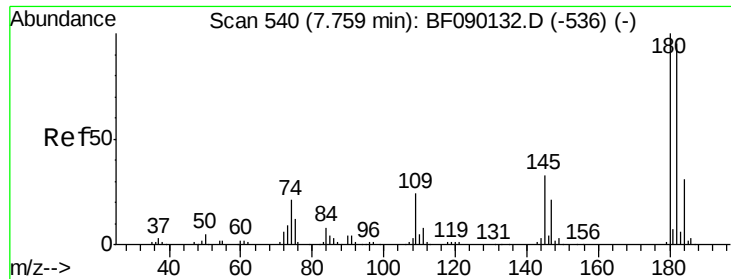
Ion Ratio Lower Upper

162 100

164 6.8 46.2 86.2#

98 96.6 10.4 50.4#

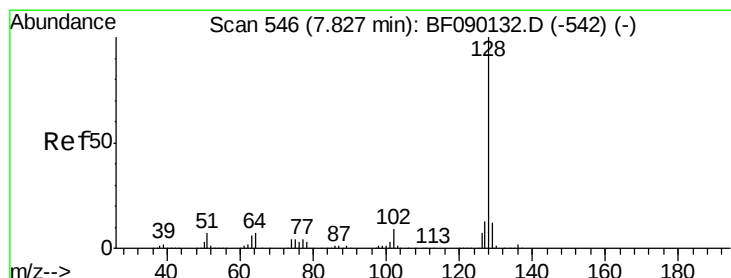
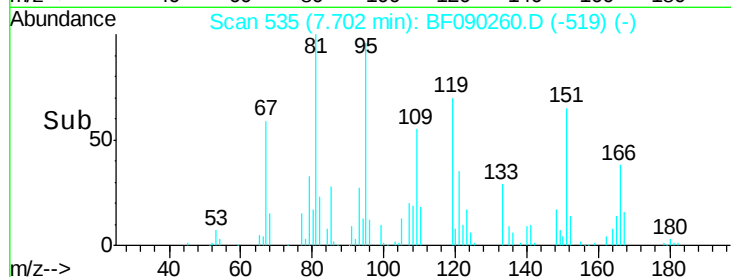
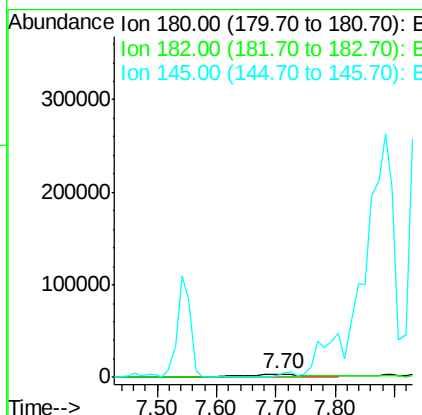
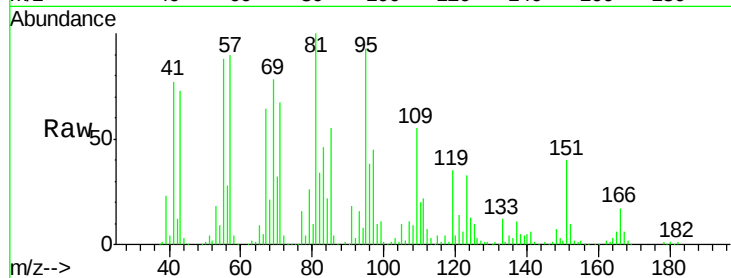




#30
 1,2,4-Trichlorobenzene
 Concen: 7.14 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

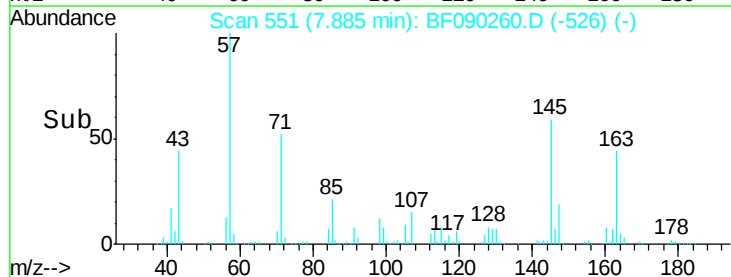
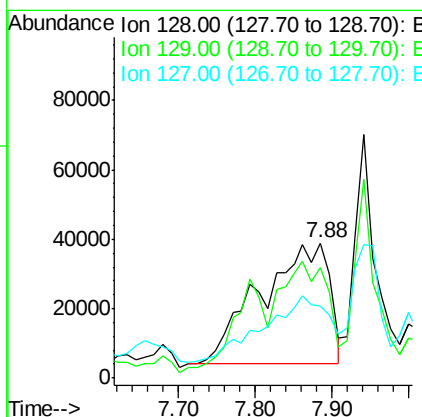
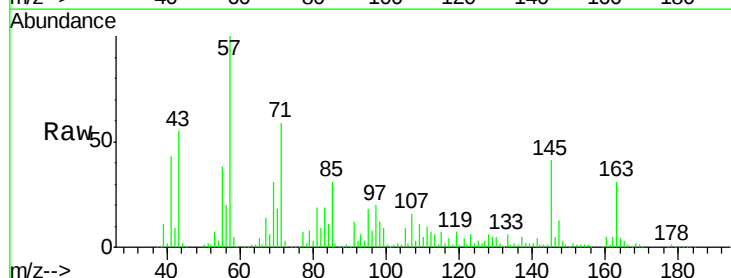
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

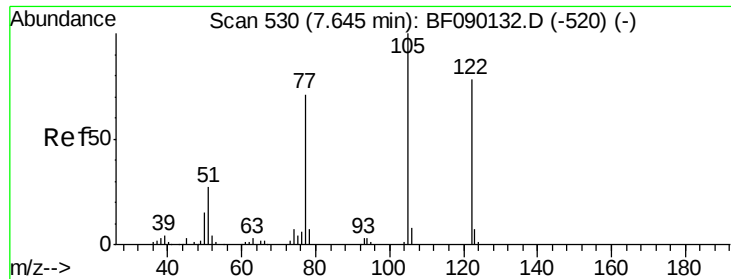
Tgt Ion:180 Resp: 24168
 Ion Ratio Lower Upper
 180 100
 182 42.6 75.0 112.6#
 145 42.1 28.6 42.8



#31
 Naphthalene
 Concen: 18.55 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.09 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:128 Resp: 216846
 Ion Ratio Lower Upper
 128 100
 129 81.5 9.3 13.9#
 127 53.4 10.8 16.2#





#32

Benzoic acid

Concen: 22.29 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

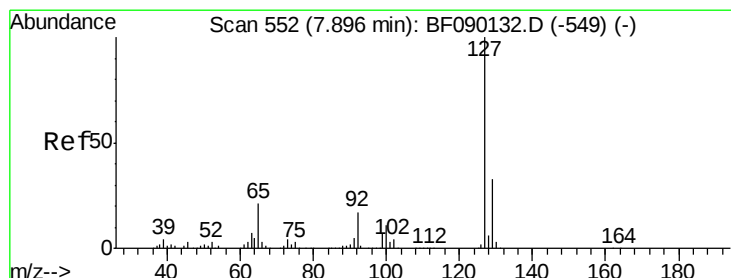
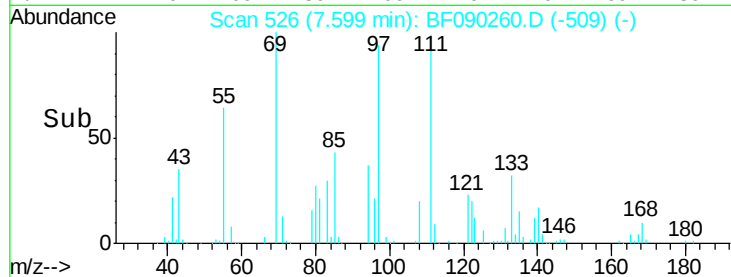
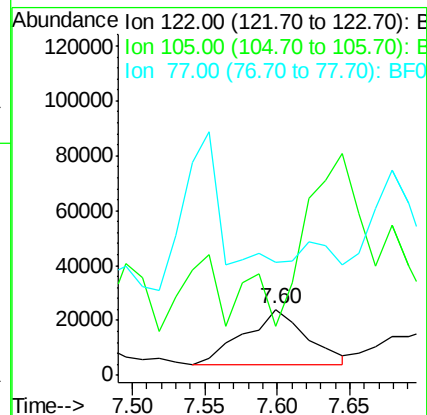
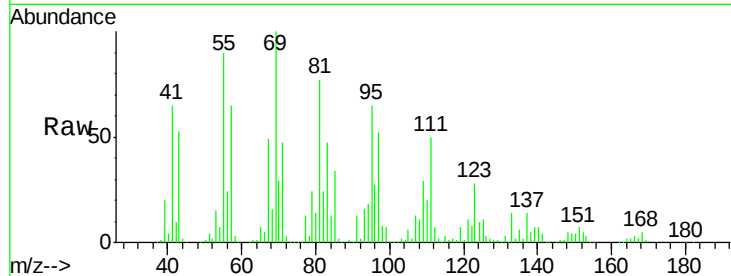
Tgt Ion:122 Resp: 59073

Ion Ratio Lower Upper

122 100

105 73.5 105.0 145.0#

77 170.4 70.4 110.4#



#33

4-Chloroaniline

Concen: 23.44 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Tgt Ion:127 Resp: 113662

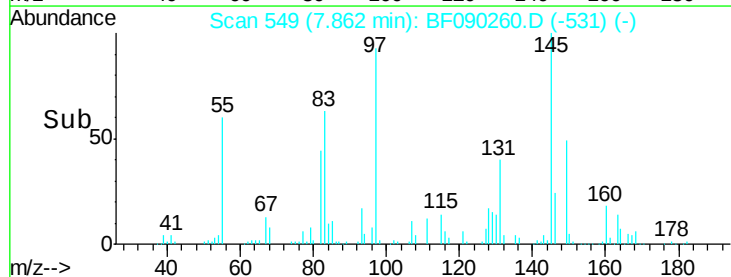
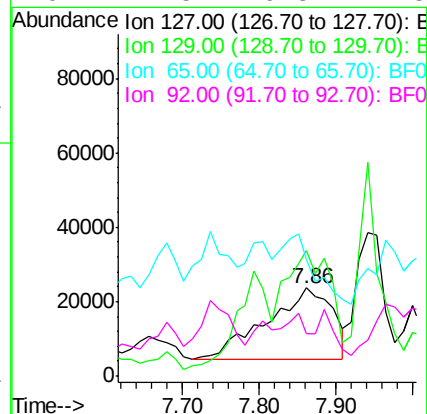
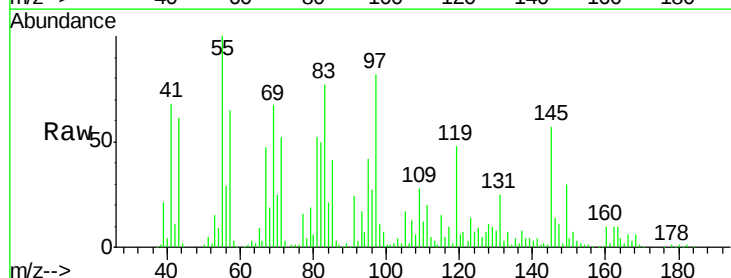
Ion Ratio Lower Upper

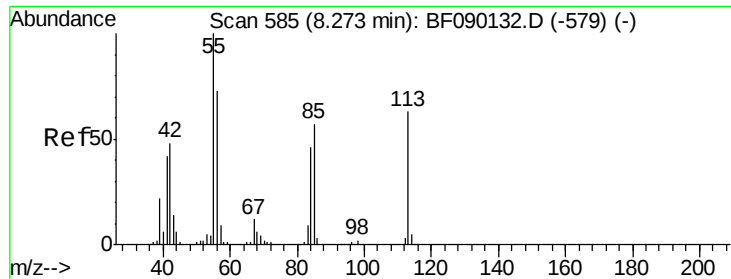
127 100

129 141.9 25.8 38.6#

65 132.4 24.1 36.1#

92 47.5 16.3 24.5#

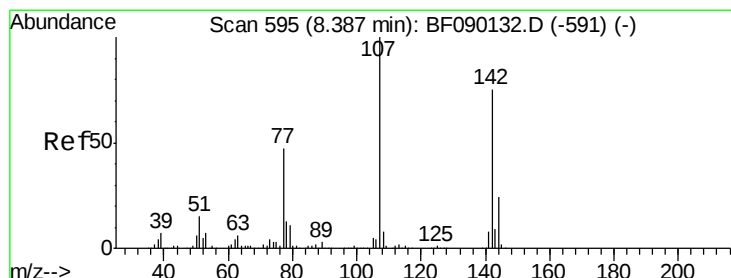
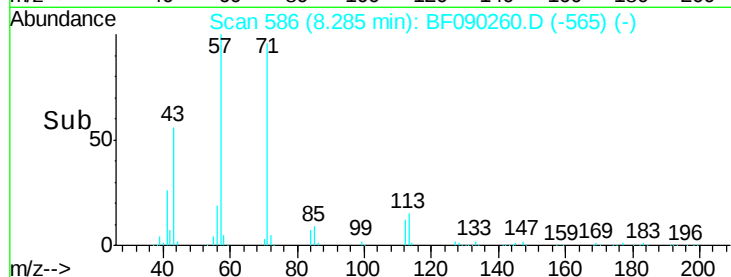
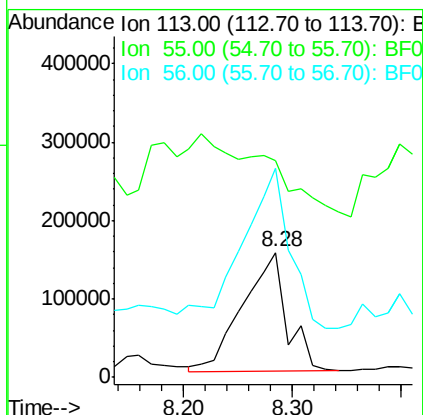
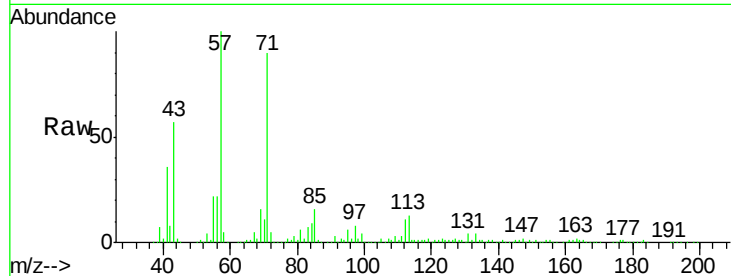




#35
 Caprolactam
 Concen: 385.62 ng
 RT: 8.28 min Scan# 586
 Delta R.T. 0.05 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

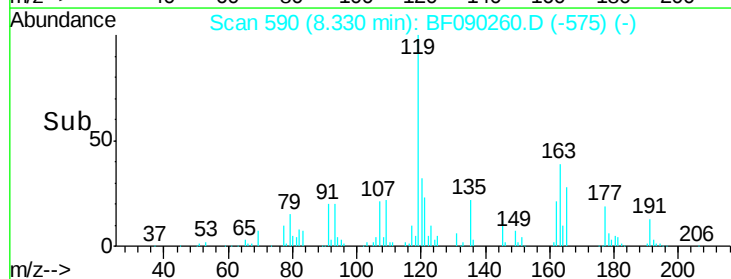
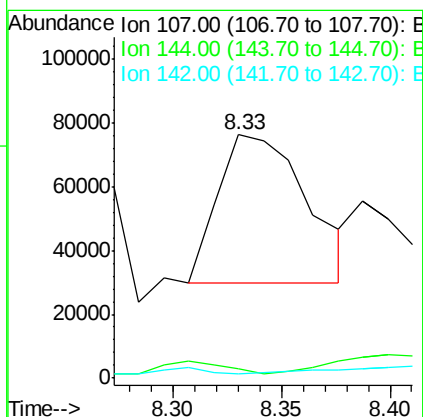
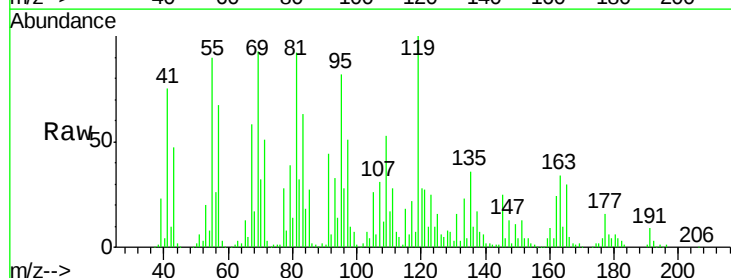
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

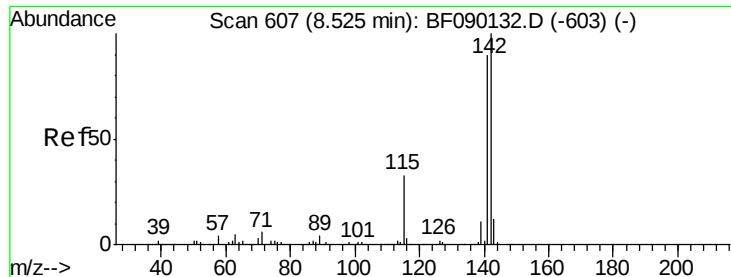
Tgt Ion:113 Resp: 432274
 Ion Ratio Lower Upper
 113 100
 55 173.2 134.5 174.5
 56 166.9 93.7 133.7#



#36
 4-Chloro-3-methylphenol
 Concen: 34.63 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:107 Resp: 132569
 Ion Ratio Lower Upper
 107 100
 144 3.8 18.6 27.8#
 142 1.9 57.0 85.6#

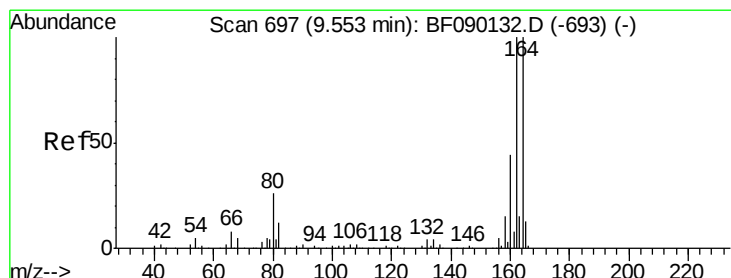
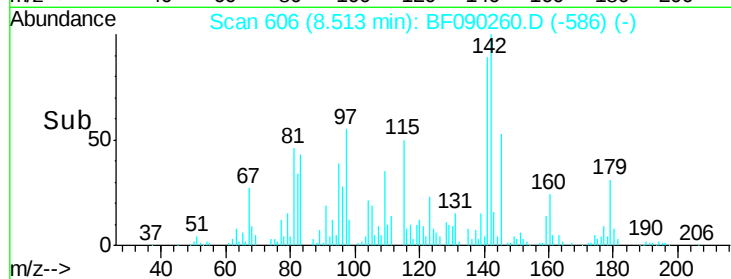
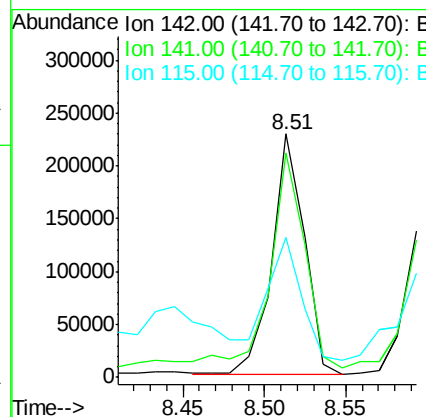
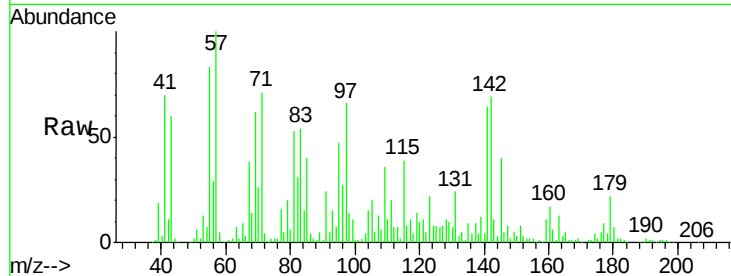




#37
 2-Methylnaphthalene
 Concen: 43.02 ng
 RT: 8.51 min Scan# 606
 Delta R.T. 0.03 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

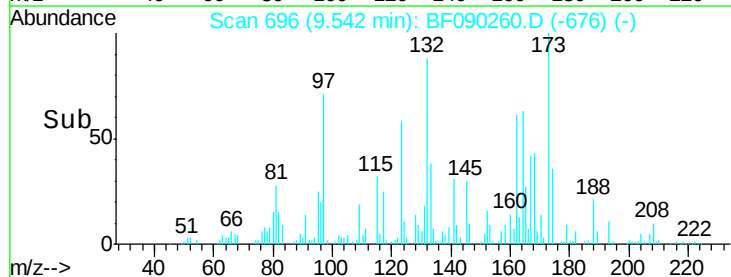
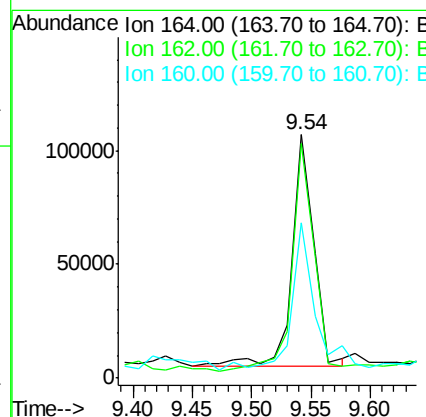
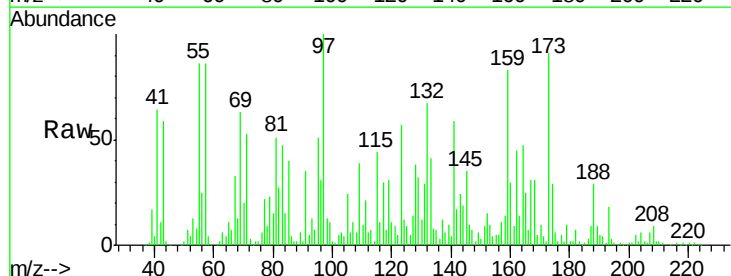
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

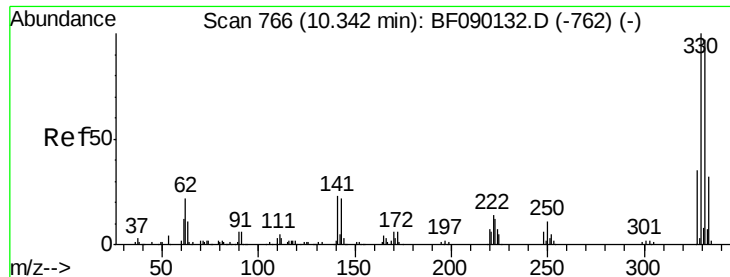
Tgt Ion:142 Resp: 312753
 Ion Ratio Lower Upper
 142 100
 141 92.4 71.4 107.2
 115 57.4 28.3 42.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.03 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:164 Resp: 127918
 Ion Ratio Lower Upper
 164 100
 162 96.3 81.4 122.2
 160 63.9 36.6 54.8#

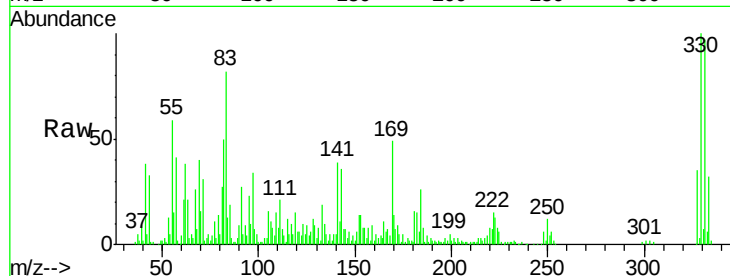




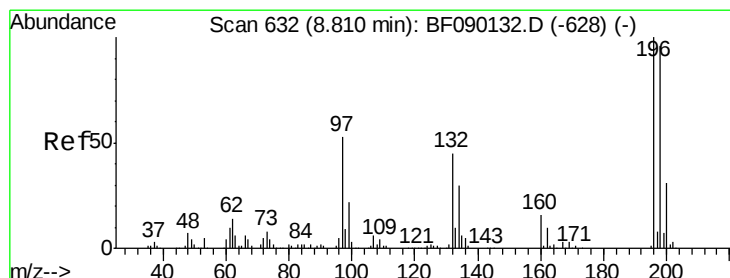
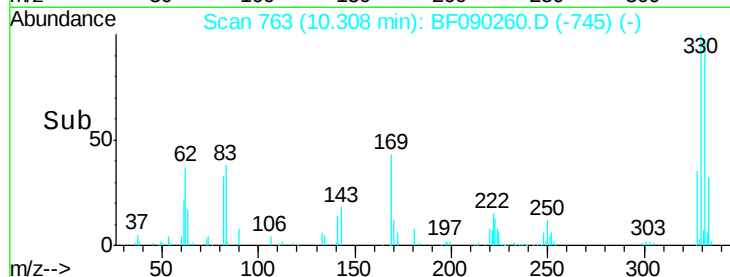
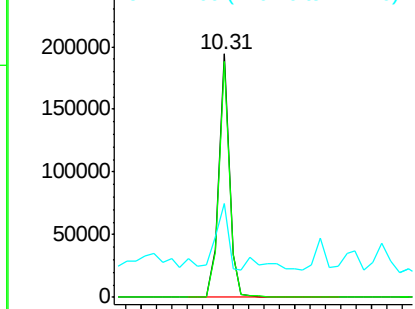
#41
 2,4,6-Tribromophenol
 Concen: 171.10 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

Tgt Ion:330 Resp: 187768
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.1 117.1
 141 30.5 23.9 35.9

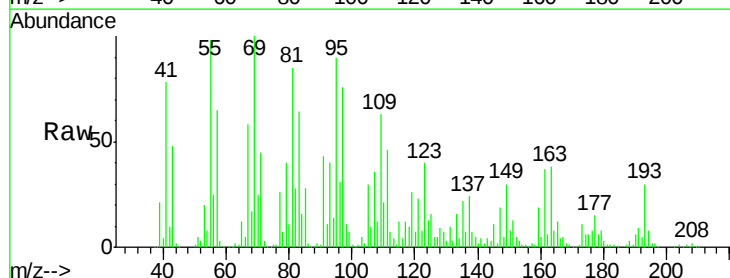


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

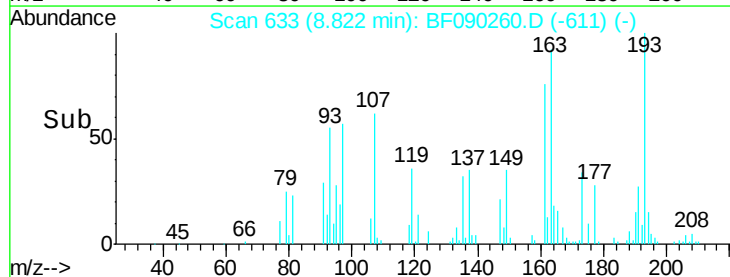
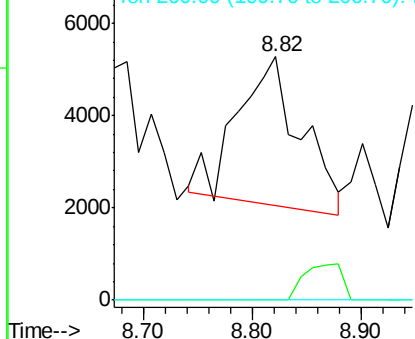


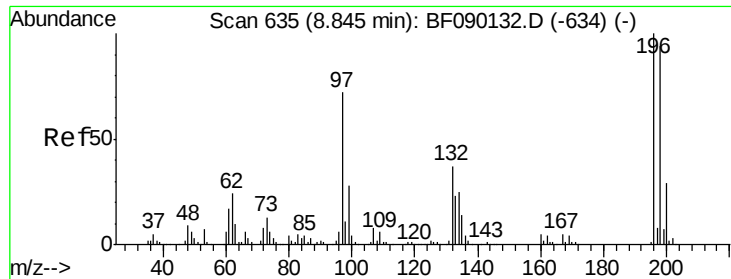
#42
 2,4,6-Trichlorophenol
 Concen: 6.13 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.06 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:196 Resp: 12822
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.3 114.5#
 200 0.0 24.1 36.1#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

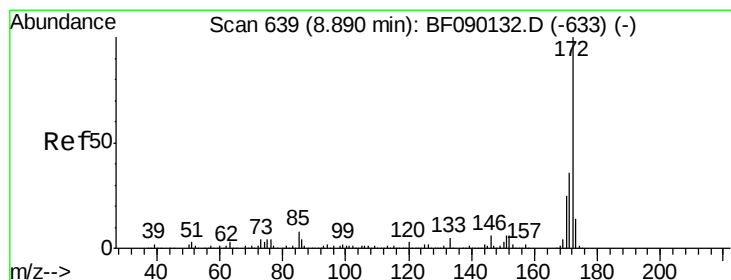
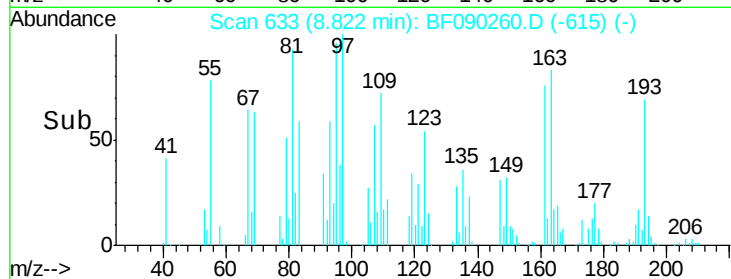
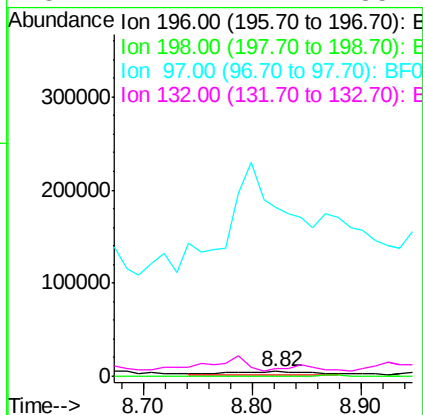
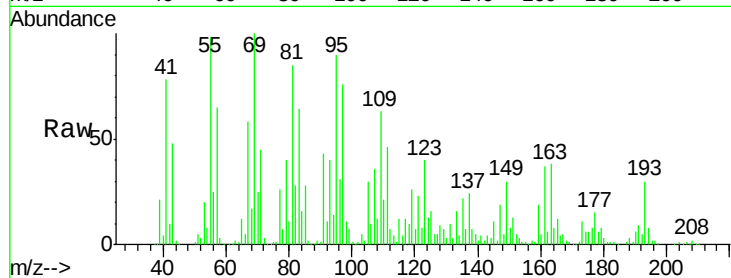




#43
 2,4,5-Trichlorophenol
 Concen: 6.89 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

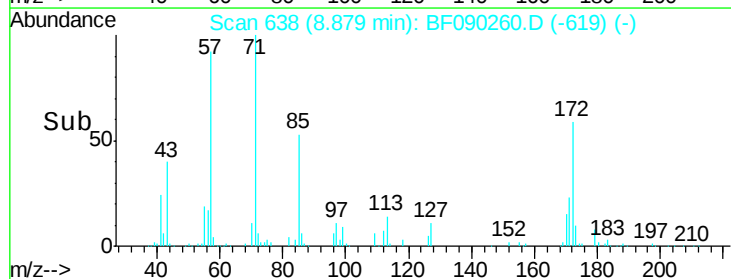
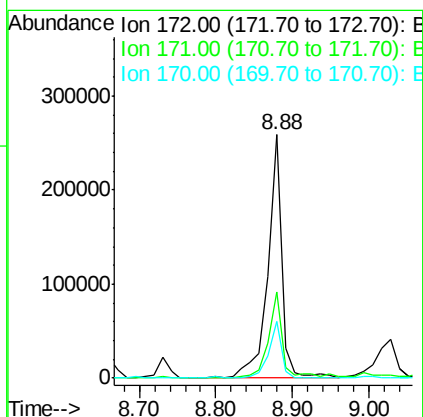
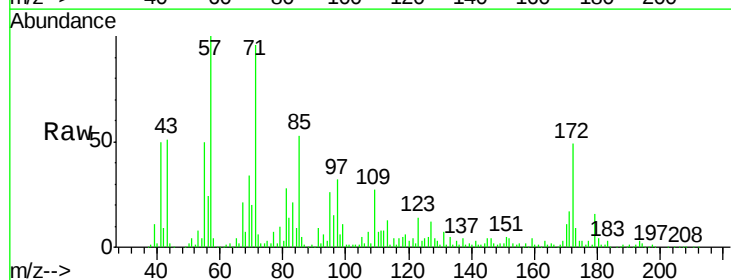
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

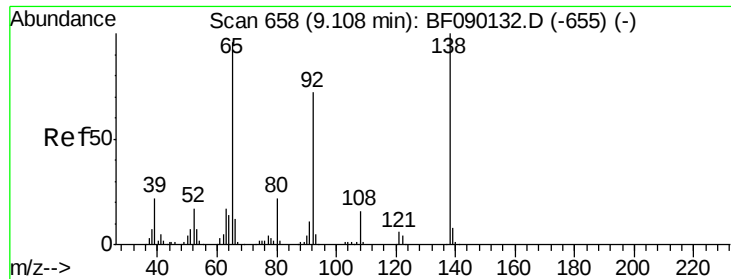
Tgt Ion:196 Resp: 14921
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 114.8#
 97 3443.7 34.4 51.6#
 132 144.1 22.2 33.2#



#44
 2-Fluorobiphenyl
 Concen: 49.79 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.02 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:172 Resp: 324399
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 23.3 19.8 29.8

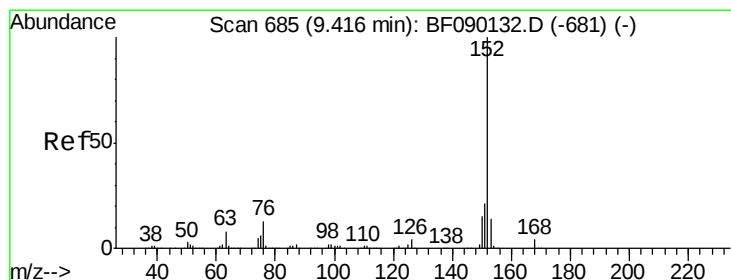
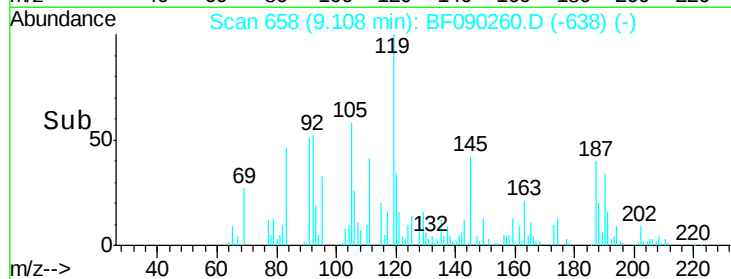
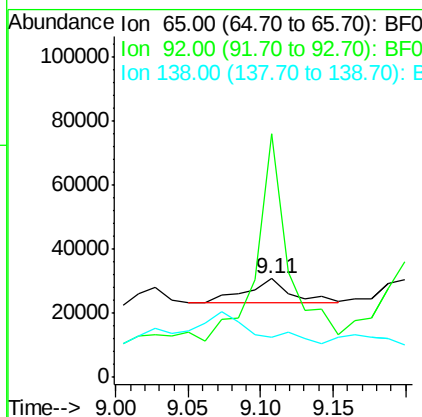
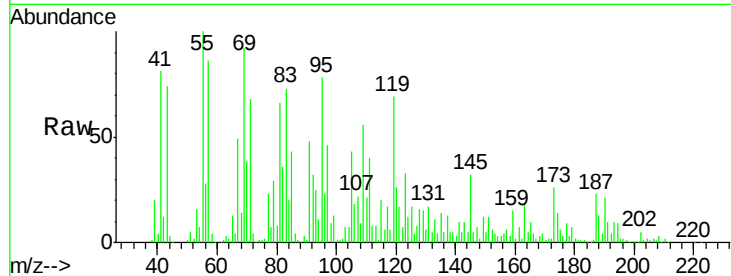




#47
 2-Nitroaniline
 Concen: 7.93 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.03 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

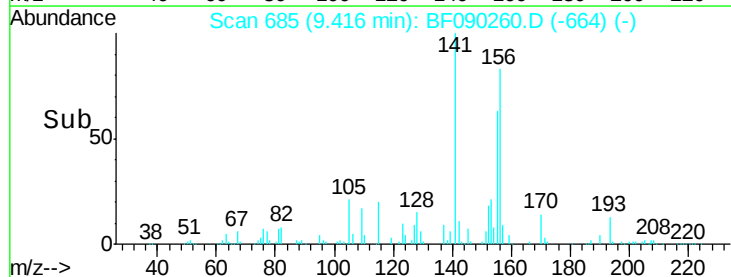
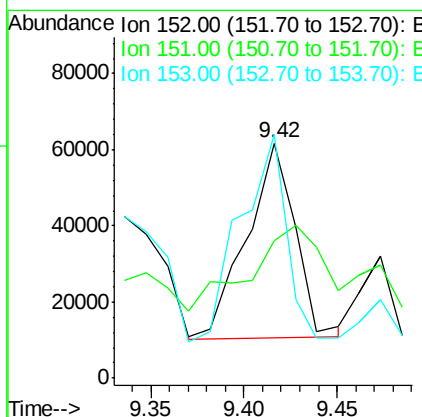
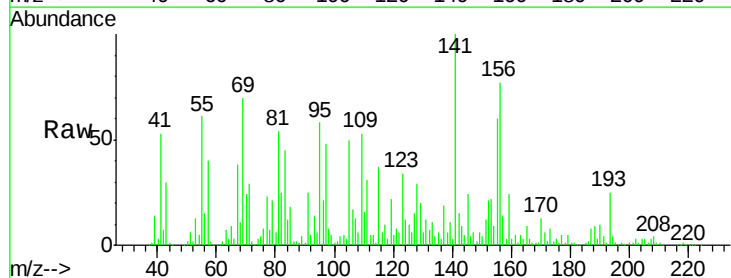
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

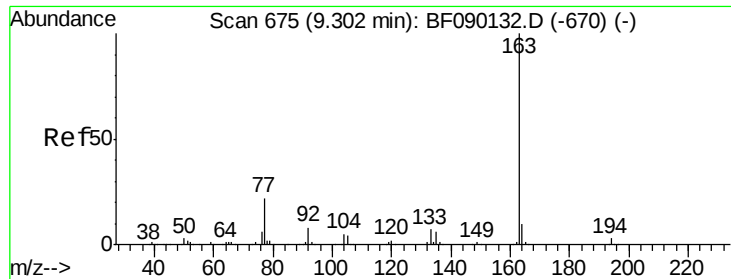
Tgt Ion: 65 Resp: 16140
 Ion Ratio Lower Upper
 65 100
 92 246.7 66.1 99.1#
 138 40.8 104.1 156.1#



#48
 Acenaphthylene
 Concen: 8.43 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.05 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion: 152 Resp: 92437
 Ion Ratio Lower Upper
 152 100
 151 58.2 16.5 24.7#
 153 103.7 10.6 15.8#

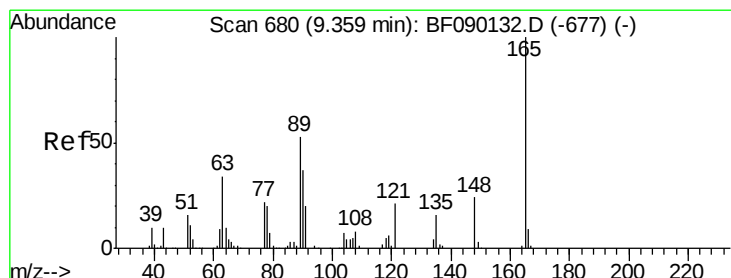
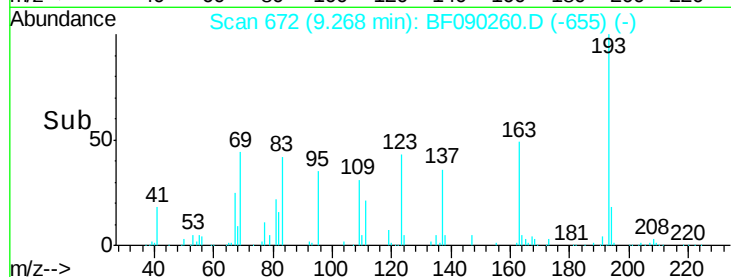
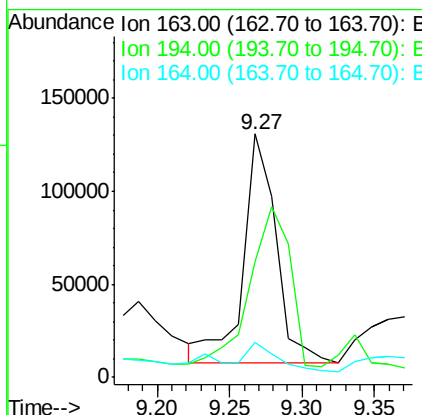
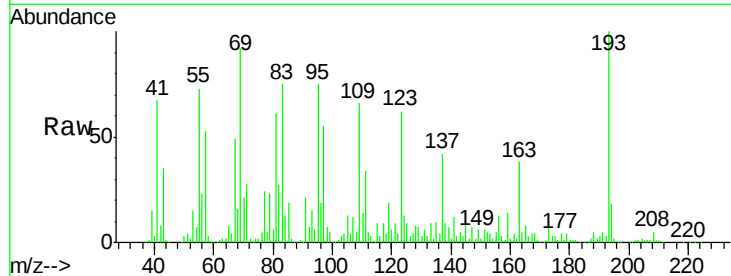




#49
Dimethylphthalate
Concen: 23.53 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

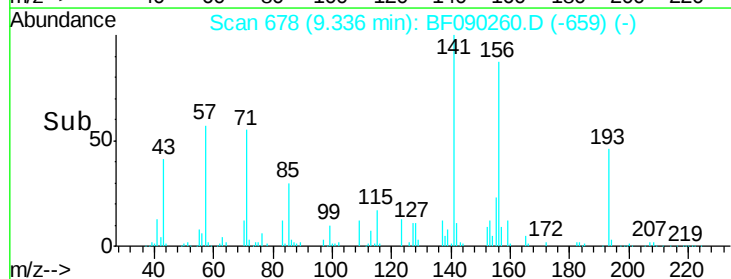
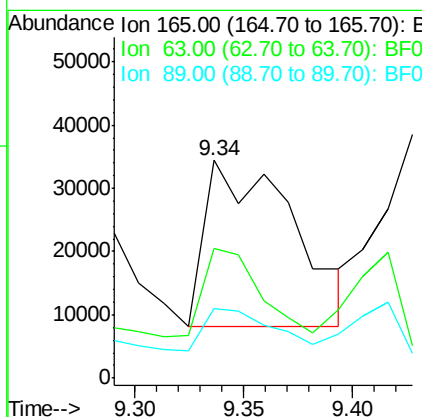
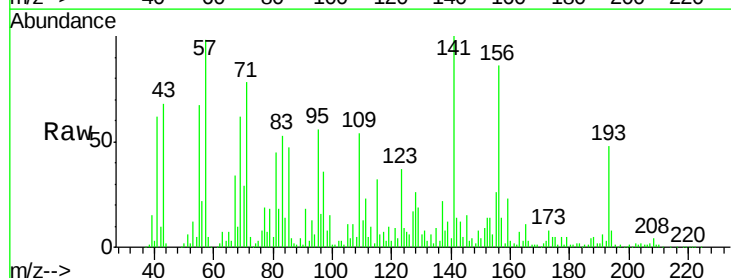
Instrument :
BNA_F
ClientSampleId :
B4B-7.5-8-BGS

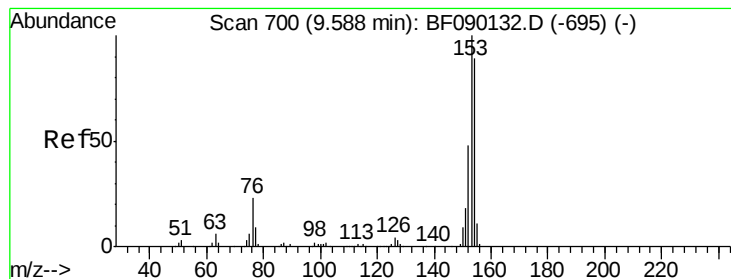
Tgt Ion:163 Resp: 191749
Ion Ratio Lower Upper
163 100
194 47.6 2.8 4.2#
164 14.3 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 40.55 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.02 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

Tgt Ion:165 Resp: 73635
Ion Ratio Lower Upper
165 100
63 59.7 49.9 74.9
89 31.8 51.0 76.4#





#51

Acenaphthene

Concen: 7.77 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.03 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

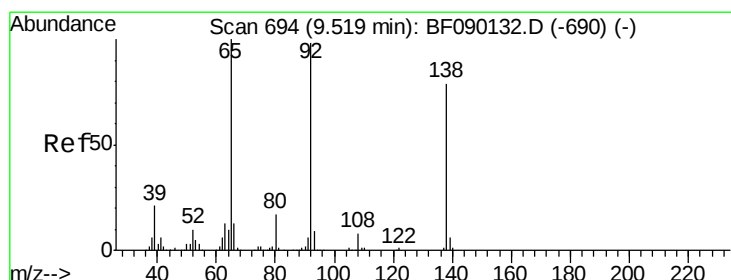
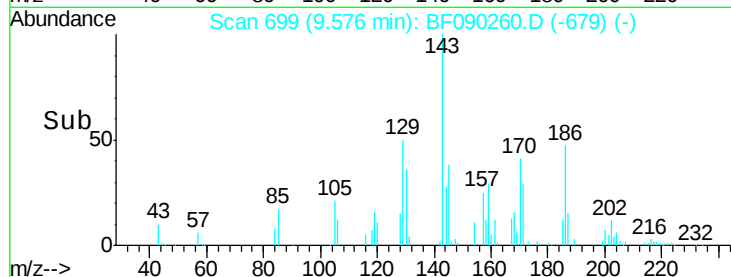
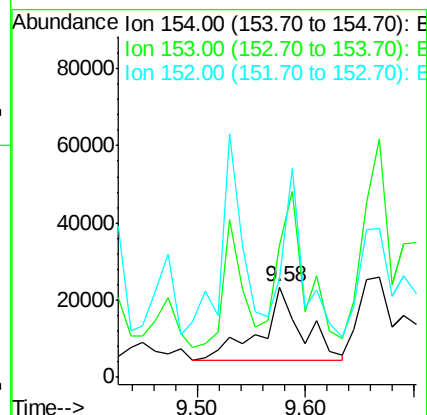
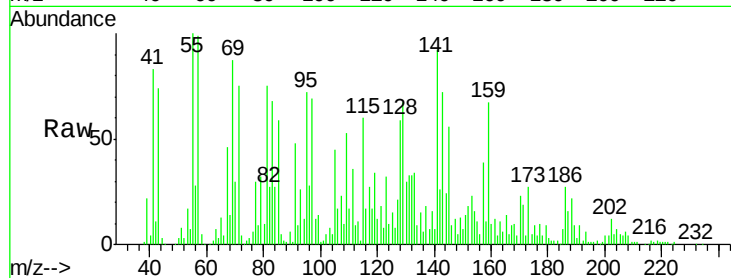
Tgt Ion:154 Resp: 50580

Ion Ratio Lower Upper

154 100

153 146.2 90.8 136.2#

152 109.3 44.2 66.4#



#52

3-Nitroaniline

Concen: 29.89 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.02 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

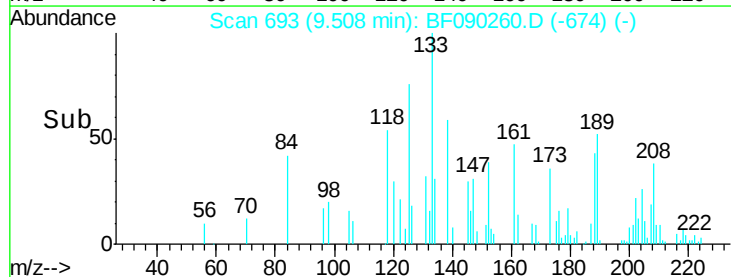
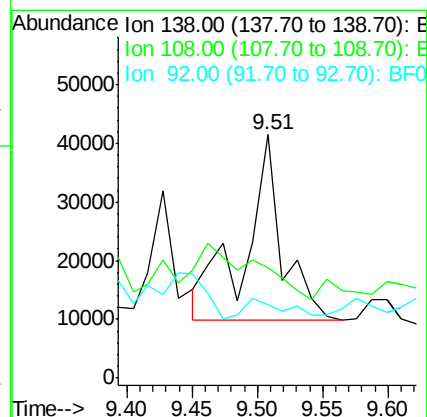
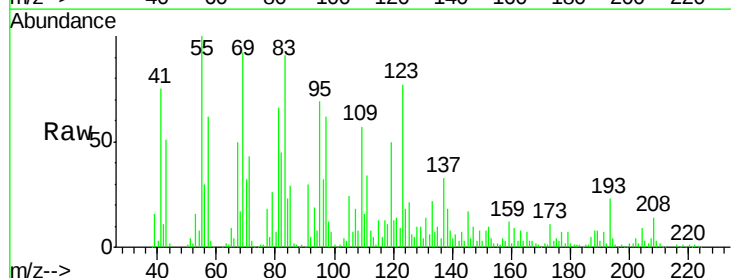
Tgt Ion:138 Resp: 63637

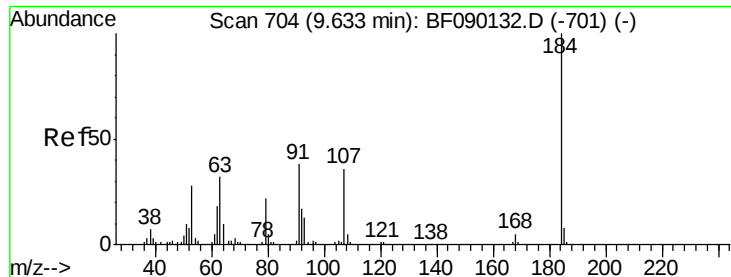
Ion Ratio Lower Upper

138 100

108 45.5 7.8 11.6#

92 30.0 90.7 136.1#

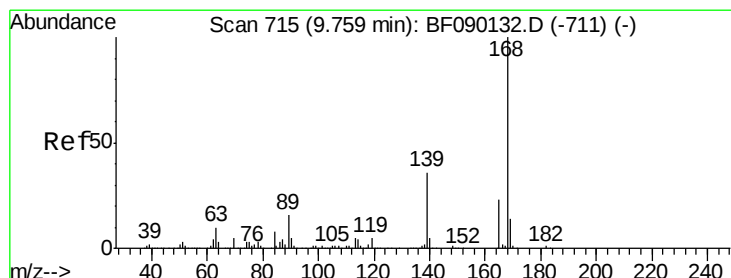
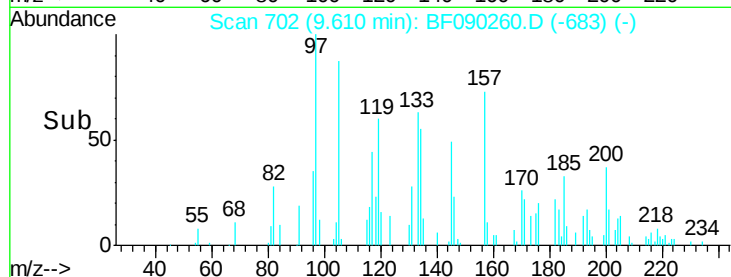
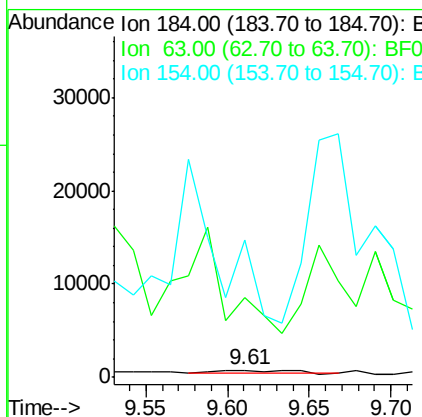
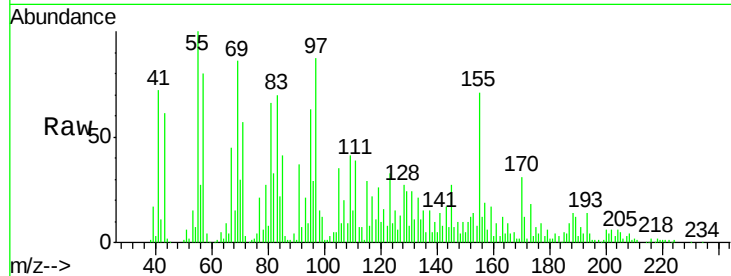




#53
 2,4-Dinitrophenol
 Concen: 3.93 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

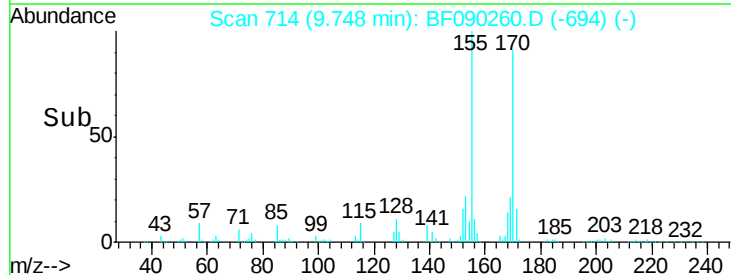
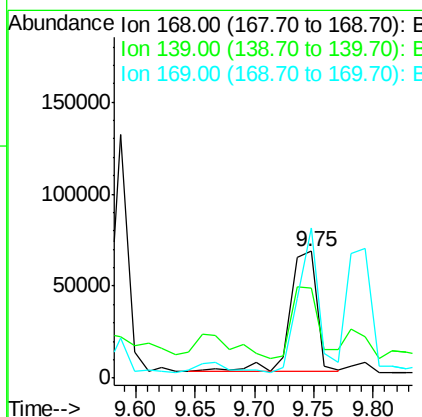
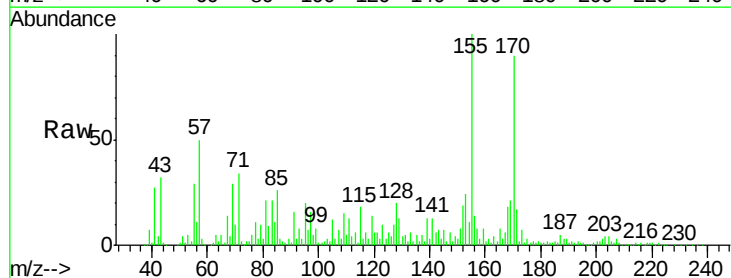
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

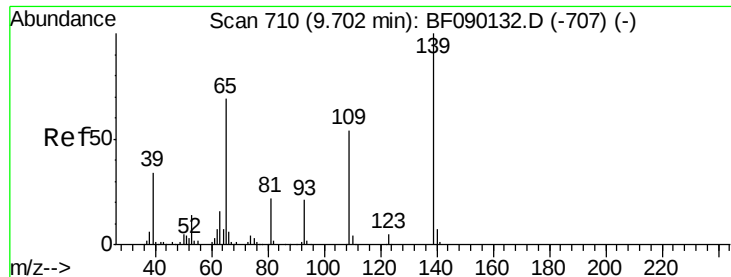
Tgt Ion:184 Resp: 823
 Ion Ratio Lower Upper
 184 100
 63 1102.5 44.6 67.0#
 154 1906.9 49.7 74.5#



#54
 Dibenzofuran
 Concen: 11.95 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.03 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:168 Resp: 102314
 Ion Ratio Lower Upper
 168 100
 139 71.0 28.8 43.2#
 169 118.7 10.7 16.1#

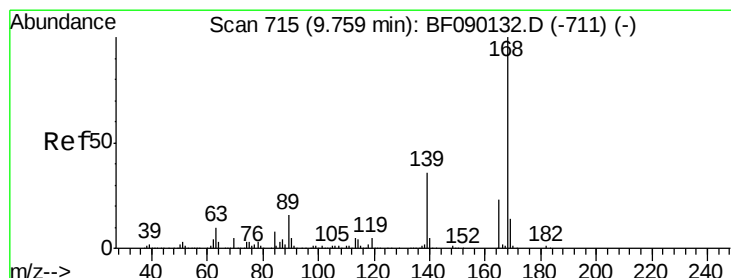
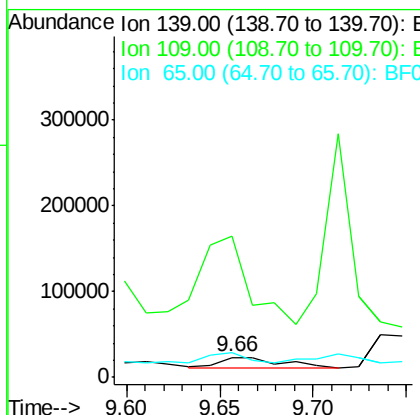
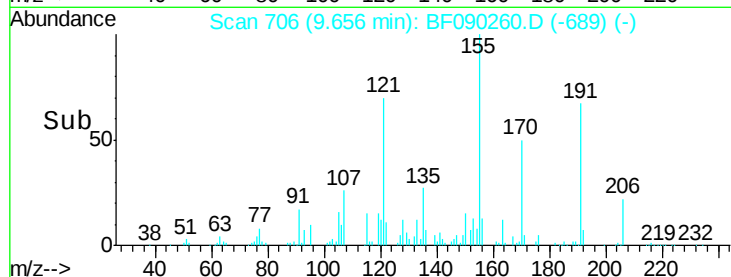
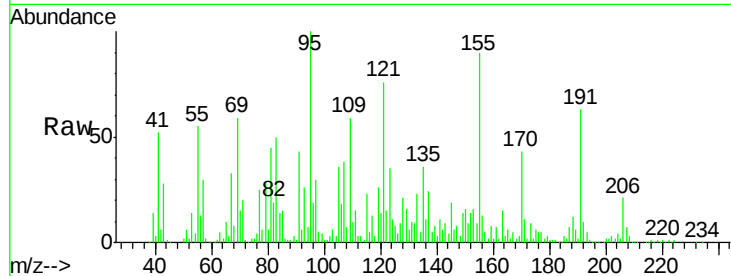




#55
4-Nitrophenol
Concen: 20.83 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

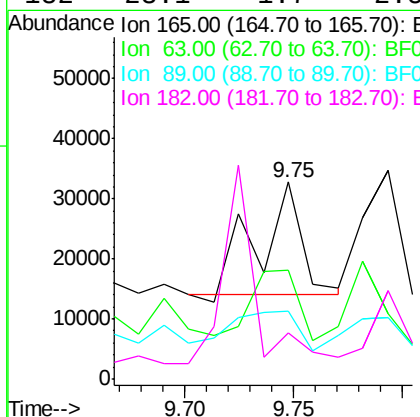
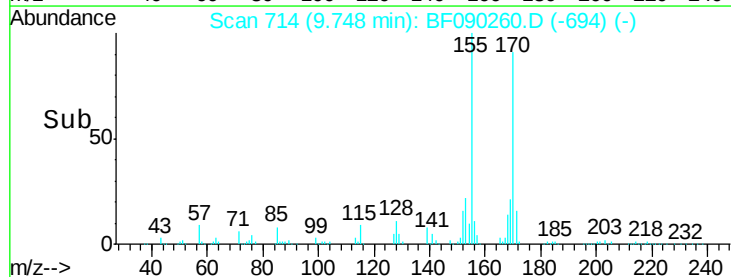
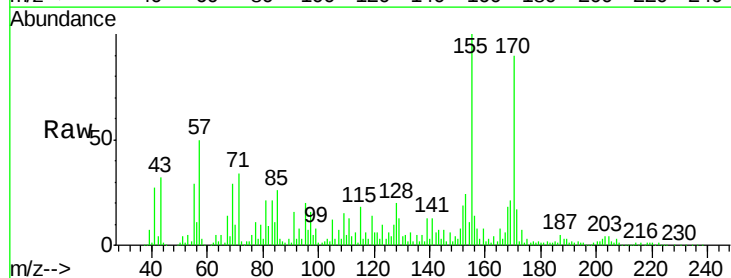
Instrument :
BNA_F
ClientSampleId :
B4B-7.5-8-BGS

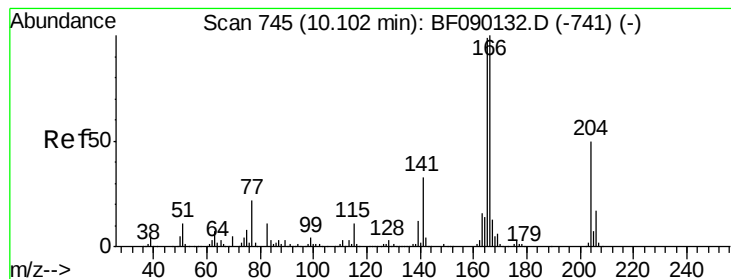
Tgt Ion:139 Resp: 30384
Ion Ratio Lower Upper
139 100
109 700.7 35.6 75.6#
65 124.2 55.5 95.5#



#56
2,4-Dinitrotoluene
Concen: 12.12 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.03 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

Tgt Ion:165 Resp: 26020
Ion Ratio Lower Upper
165 100
63 55.0 44.4 66.6
89 34.7 70.1 105.1#
182 23.1 1.7 2.5#





#57

Fluorene

Concen: 9.30 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

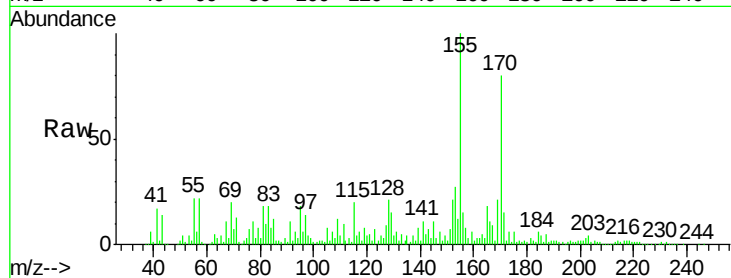
Tgt Ion:166 Resp: 60025

Ion Ratio Lower Upper

166 100

165 155.0 78.5 117.7#

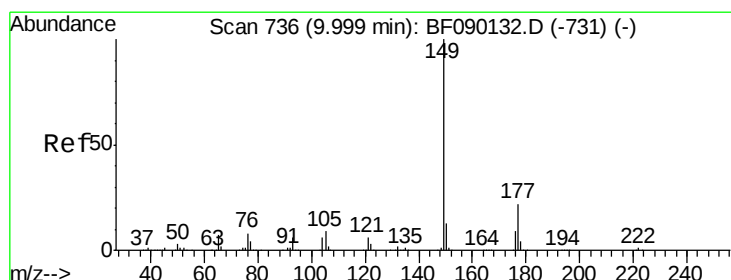
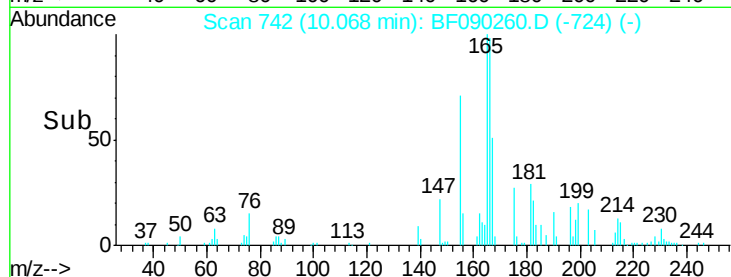
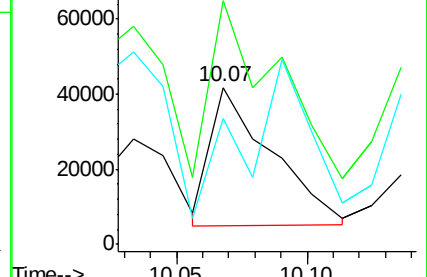
167 80.1 11.2 16.8#



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: 2.04 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.05 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

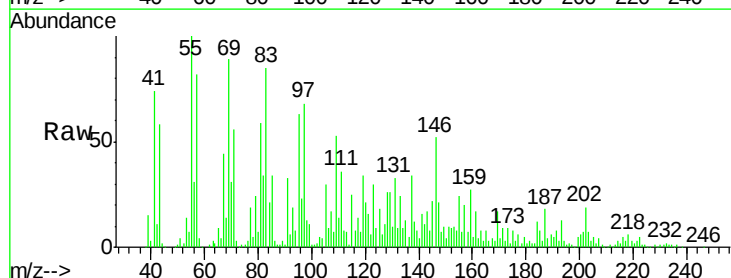
Tgt Ion:149 Resp: 16027

Ion Ratio Lower Upper

149 100

177 56.6 15.8 23.6#

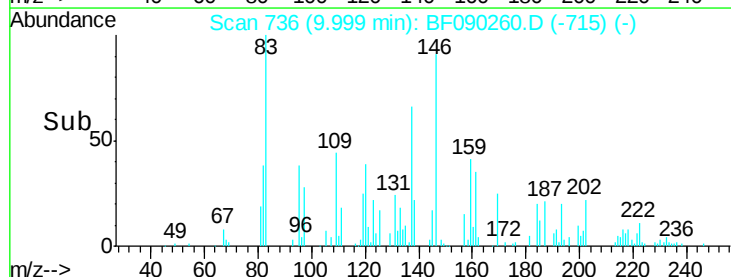
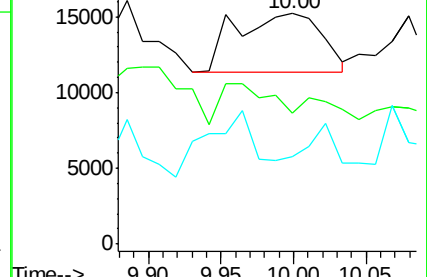
150 37.7 10.4 15.6#

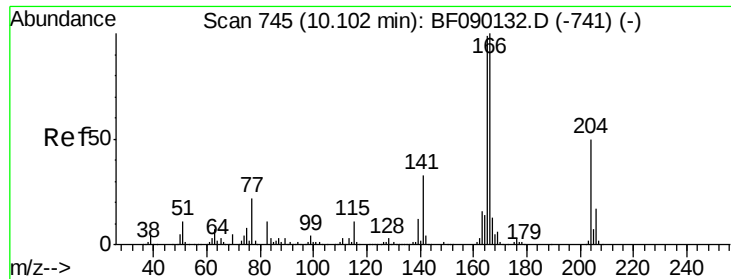


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 2.19 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.03 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

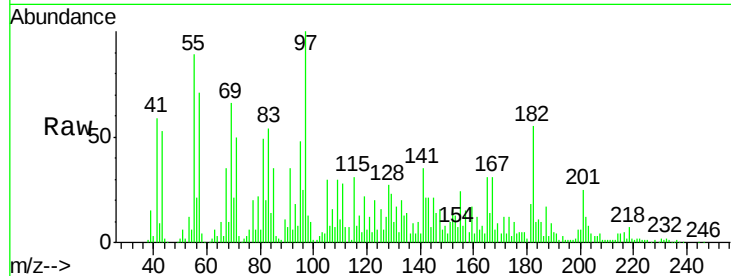
Tgt Ion:204 Resp: 6443

Ion Ratio Lower Upper

204 100

206 71.0 25.6 38.4#

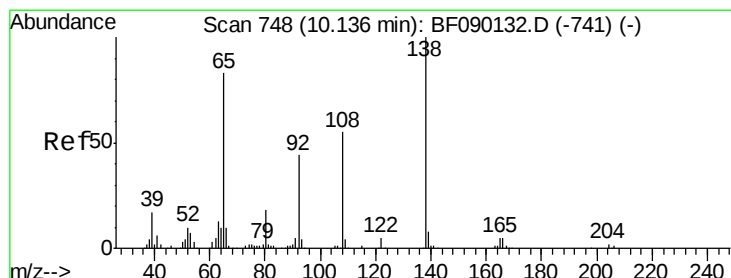
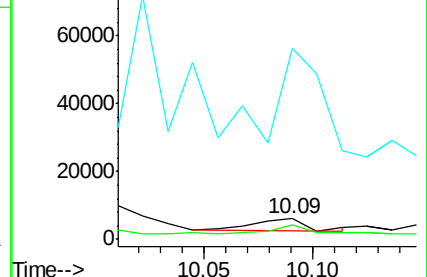
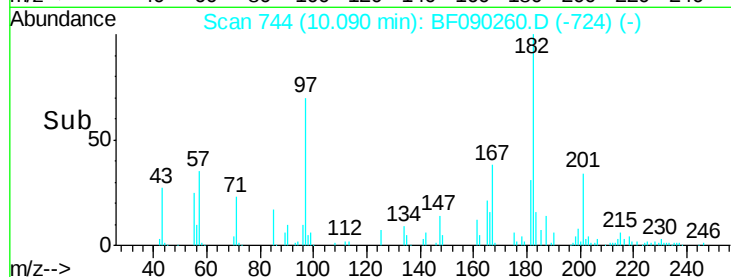
141 920.7 64.4 96.6#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 13.59 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.10 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

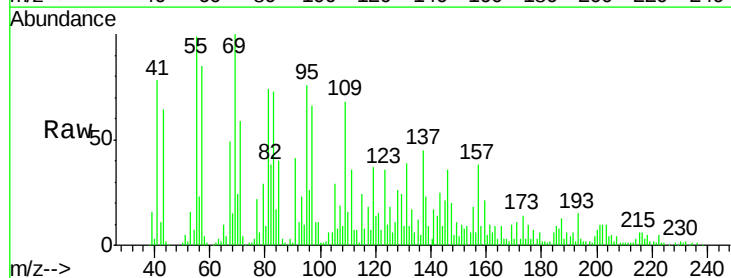
Tgt Ion:138 Resp: 29496

Ion Ratio Lower Upper

138 100

92 48.4 23.8 63.8

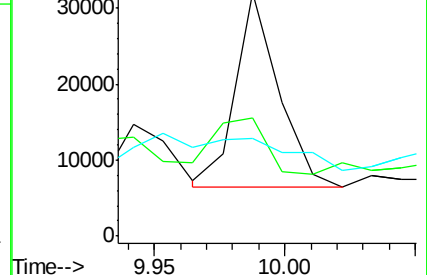
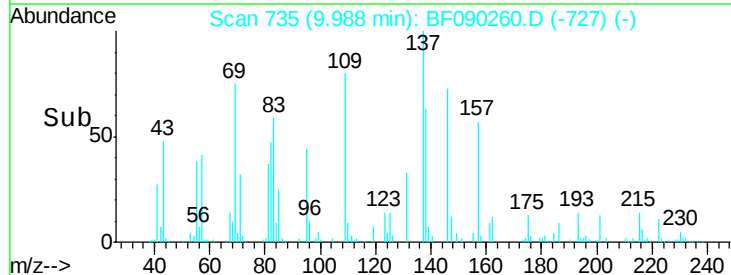
108 39.9 35.0 75.0

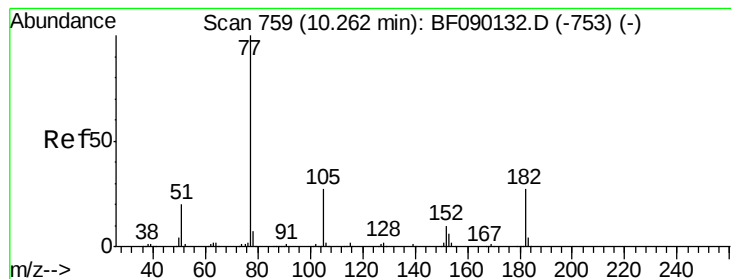


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 3.93 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

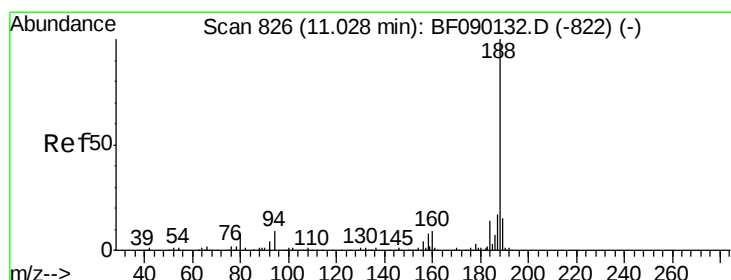
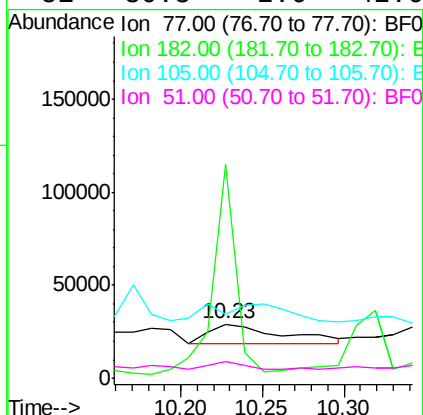
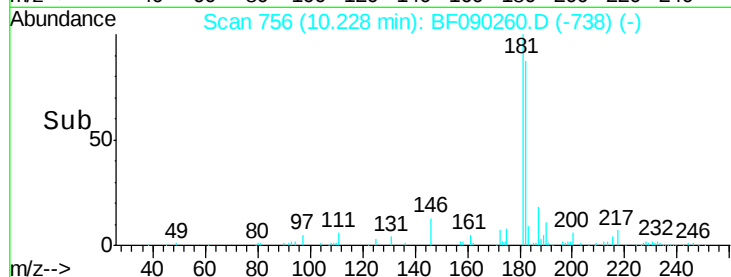
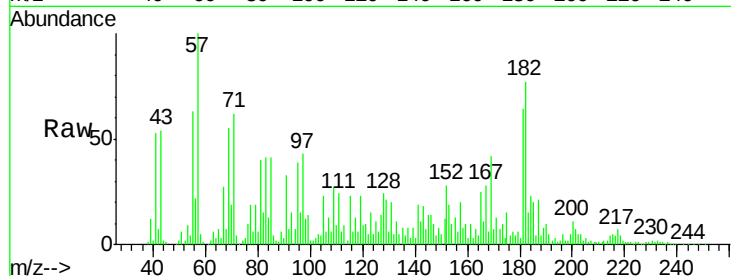
Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

Tgt Ion:	77	Resp:	32153
Ion	Ratio	Lower	Upper
77	100		
182	393.9	0.0	38.4#
105	117.4	3.8	43.8#
51	30.3	2.6	42.6



#63

Phenanthrene-d10

Concen: 20.00 ng

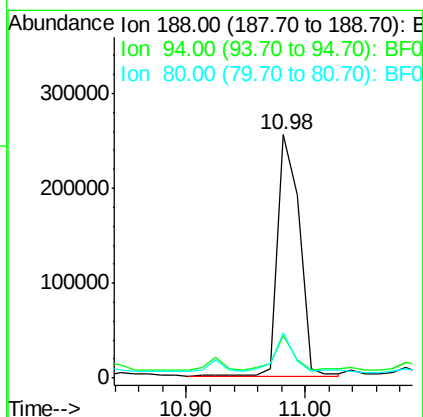
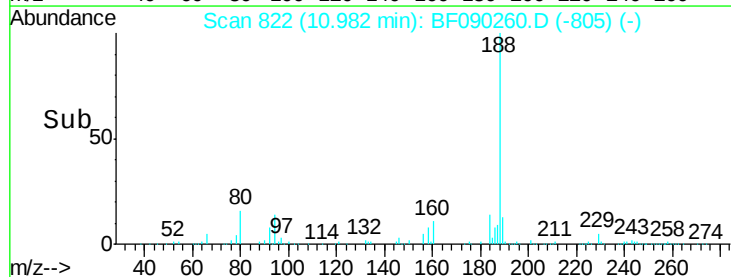
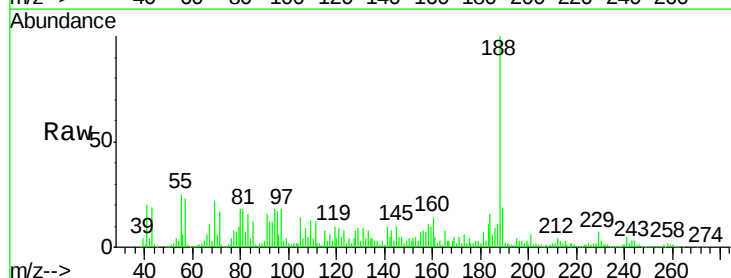
RT: 10.98 min Scan# 822

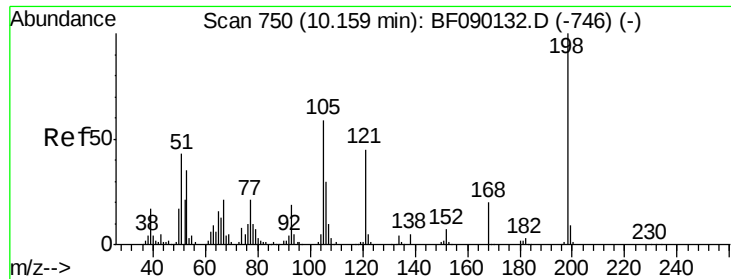
Delta R.T. -0.00 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Tgt Ion:	188	Resp:	320272
Ion	Ratio	Lower	Upper
188	100		
94	17.6	10.5	15.7#
80	18.3	11.2	16.8#

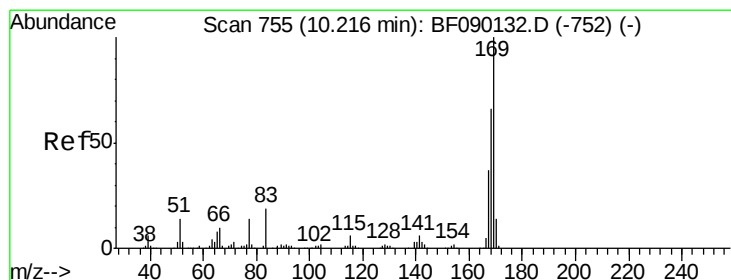
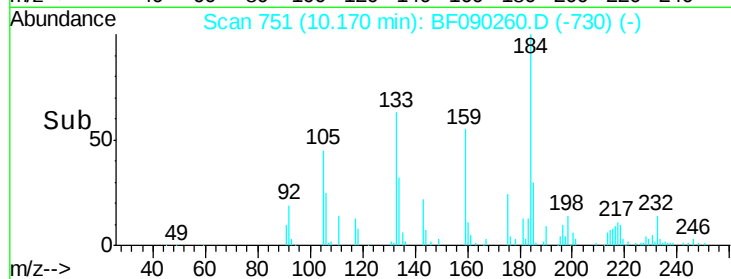
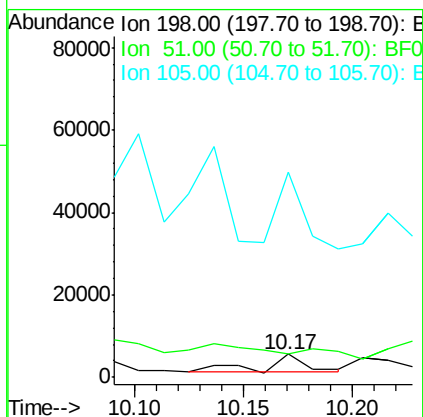
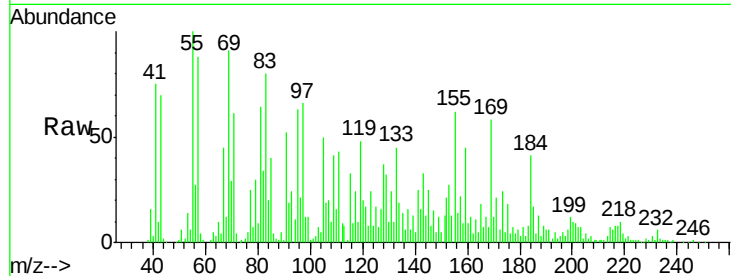




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.97 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.05 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

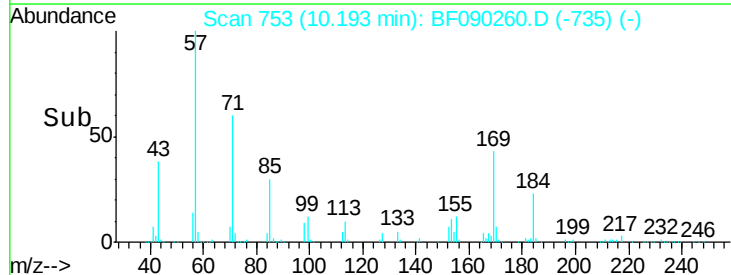
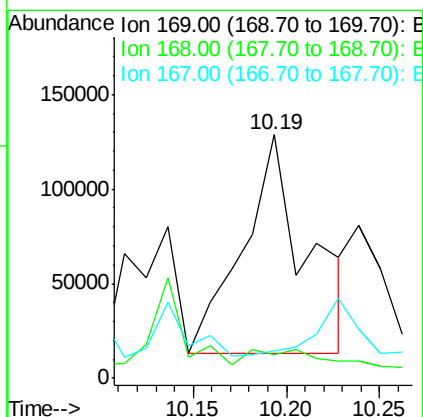
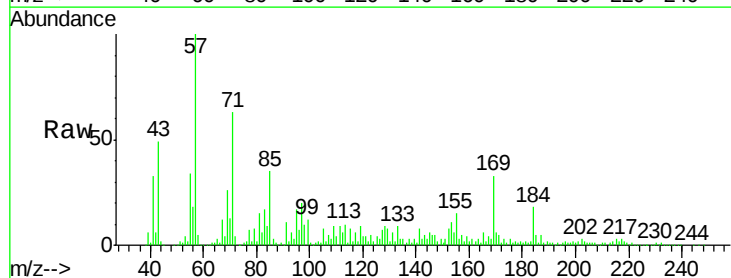
Instrument :
 BNA_F
 ClientSampleId :
 B4B-7.5-8-BGS

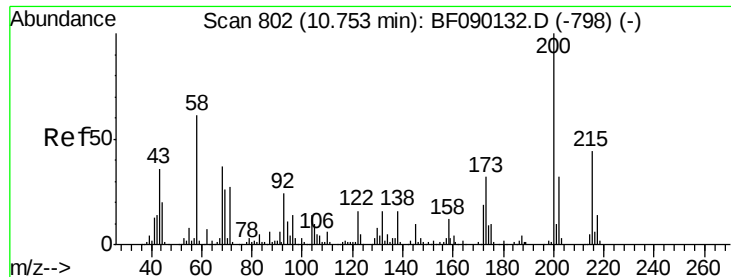
Tgt Ion:198 Resp: 5954
 Ion Ratio Lower Upper
 198 100
 51 100.9 5.5 45.5#
 105 899.6 21.8 61.8#



#65
 n-Nitrosodiphenylamine
 Concen: 25.93 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF090260.D
 Acq: 27 Sep 2016 19:05

Tgt Ion:169 Resp: 273081
 Ion Ratio Lower Upper
 169 100
 168 9.5 54.2 81.4#
 167 11.2 30.3 45.5#

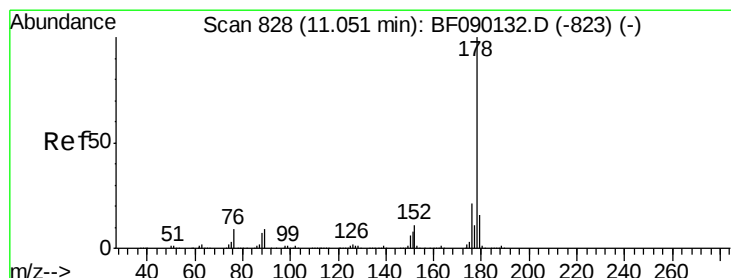
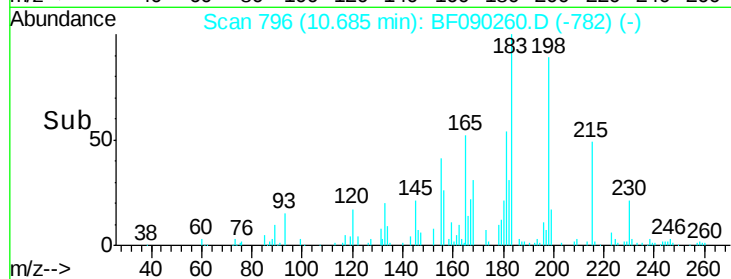
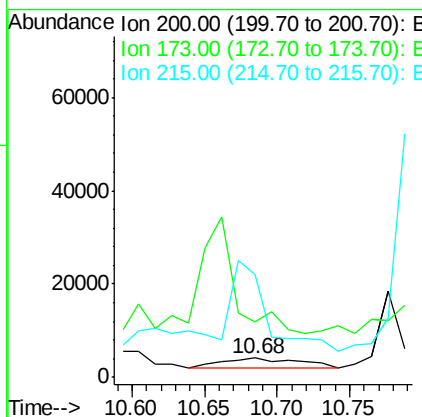
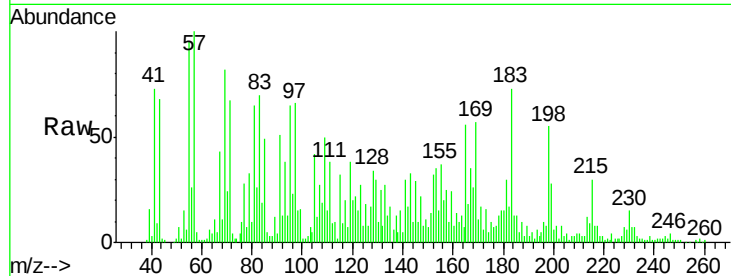




#68
Atrazine
Concen: 2.90 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.03 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

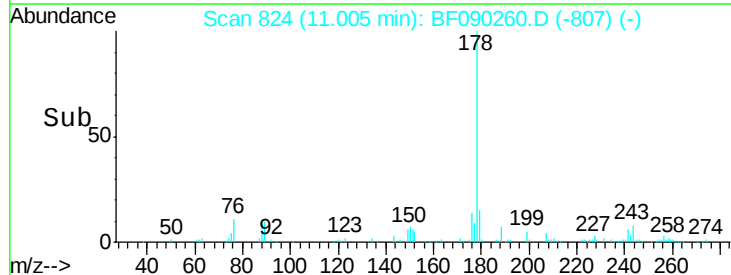
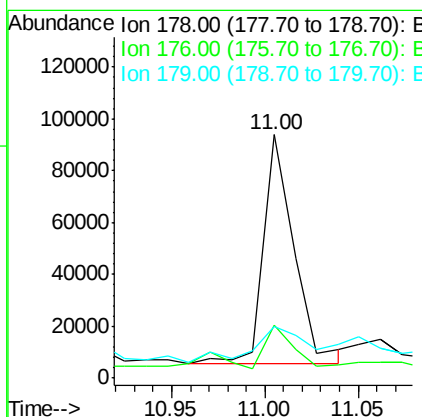
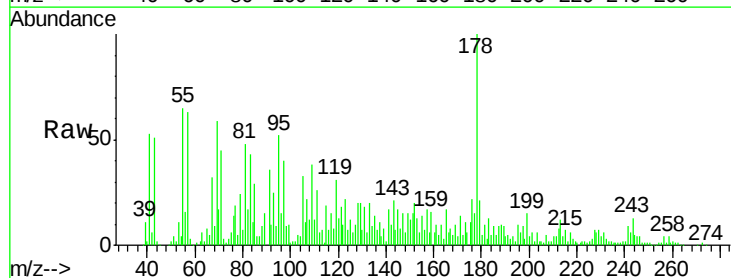
Instrument :
BNA_F
ClientSampleId :
B4B-7.5-8-BGS

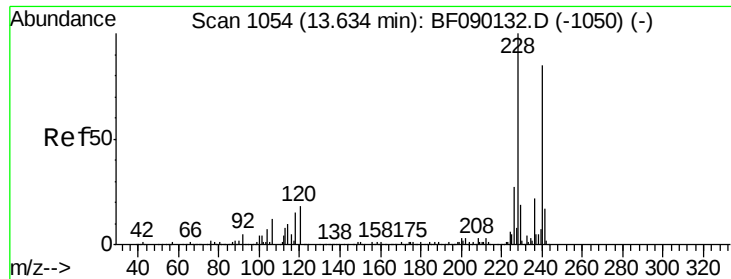
Tgt Ion:200 Resp: 8372
Ion Ratio Lower Upper
200 100
173 284.0 9.3 49.3#
215 527.9 26.1 66.1#



#70
Phenanthrene
Concen: 6.75 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

Tgt Ion:178 Resp: 101124
Ion Ratio Lower Upper
178 100
176 21.9 15.9 23.9
179 21.4 12.9 19.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

Instrument :

BNA_F

ClientSampleId :

B4B-7.5-8-BGS

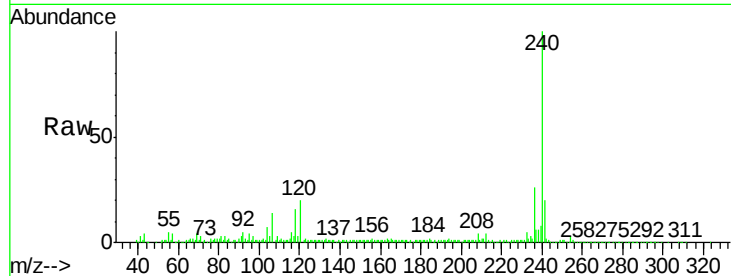
Tgt Ion:240 Resp: 277216

Ion Ratio Lower Upper

240 100

120 19.7 10.6 16.0#

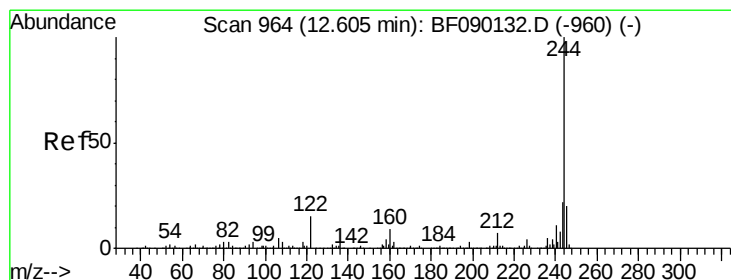
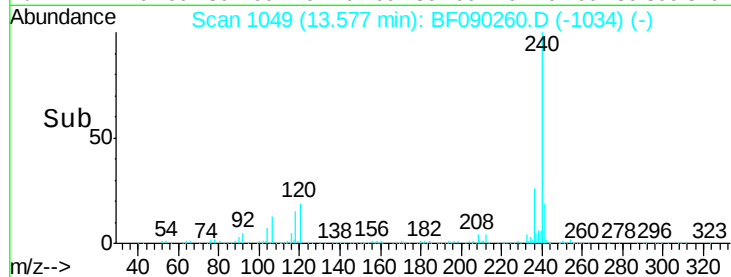
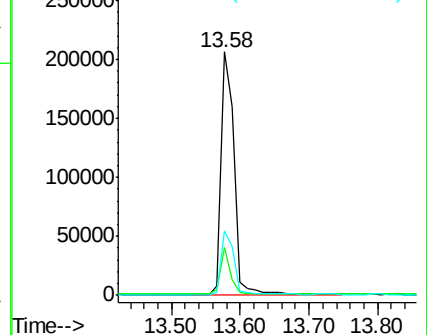
236 26.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 58.44 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090260.D

Acq: 27 Sep 2016 19:05

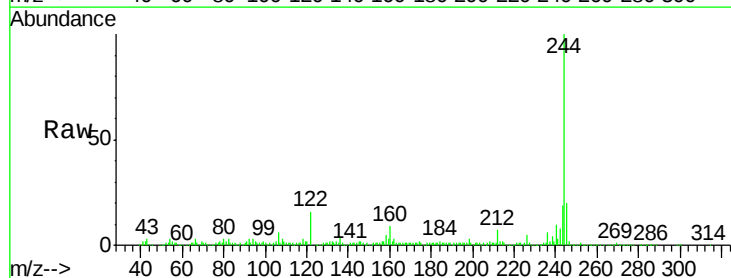
Tgt Ion:244 Resp: 638142

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

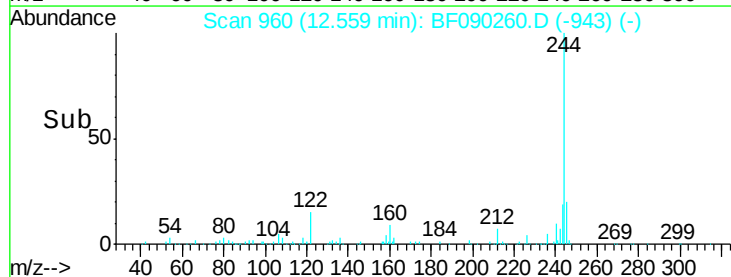
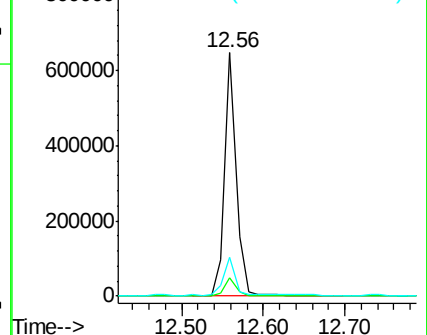
122 16.0 9.4 14.0#

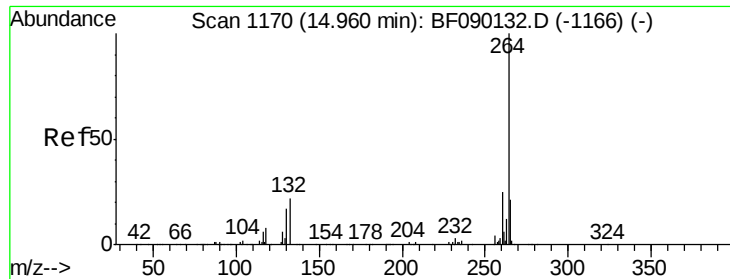


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090260.D
Acq: 27 Sep 2016 19:05

Instrument :
BNA_F
ClientSampleId :
B4B-7.5-8-BGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	21.8	17.0	25.4

