

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080049.D
 Acq On : 18 Jun 2015 17:04
 Operator : TP/IZ
 Sample : G2660-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1

Quant Time: Jun 19 01:35:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 01:33:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	43082	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	164700	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	104334	20.00	ng	0.01
63) Phenanthrene-d10	11.96	188	113573	20.00	ng	-0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.41
86) Perylene-d12	0.00	264	0	0.00	ng	-17.59

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	181714	74.66	ng	0.00
7) Phenol-d6	6.93	99	155181	47.92	ng	-0.01
23) Nitrobenzene-d5	7.89	82	382262	135.12	ng	0.00
41) 2,4,6-Tribromophenol	11.22	330	87315	85.58	ng	0.01
44) 2-Fluorobiphenyl	9.72	172	455537	62.27	ng	0.01
78) Terphenyl-d14	13.74	244	583820	0.00	ng	-0.17

Target Compounds

						Qvalue
9) Benzaldehyde	6.88	77	14053	7.52	ng	# 2
15) Benzyl Alcohol	7.45	79	22265	8.41	ng	# 43
18) Hexachloroethane	7.91	117	575396	537.74	ng	# 13
19) n-Nitroso-di-n-propylamine	7.72	70	76661	34.09	ng	# 76
22) Acetophenone	7.73	105	453655	118.20	ng	# 47
24) Nitrobenzene	7.91	77	33458	11.46	ng	# 23
25) Isophorone	8.16	82	143980	25.29	ng	# 1
26) 2-Nitrophenol	8.24	139	16581	13.57	ng	# 1
28) bis(2-Chloroethoxy)methane	8.37	93	20057	6.00	ng	# 1
29) 2,4-Dichlorophenol	8.46	162	30206	13.84	ng	# 19
30) 1,2,4-Trichlorobenzene	8.52	180	11397	4.60	ng	# 57
31) Naphthalene	8.65	128	443849	51.54	ng	# 68
32) Benzoic acid	8.29	122	19222	12.47	ng	# 1
33) 4-Chloroaniline	8.65	127	72688	19.72	ng	# 1
35) Caprolactam	9.05	113	215416	304.08	ng	# 41
36) 4-Chloro-3-methylphenol	9.20	107	16090	6.54	ng	# 34
37) 2-Methylnaphthalene	9.36	142	355330	63.79	ng	# 89
42) 2,4,6-Trichlorophenol	9.62	196	9597	4.65	ng	# 13
43) 2,4,5-Trichlorophenol	9.62	196	9597	4.03	ng	# 1
45) 1,1'-Biphenyl	9.82	154	410091	48.31	ng	# 93
47) 2-Nitroaniline	9.88	65	54314	28.73	ng	# 23
48) Acenaphthylene	10.28	152	82593	7.18	ng	# 1
50) 2,6-Dinitrotoluene	10.25	165	28963	18.42	ng	# 94
51) Acenaphthene	10.45	154	157677	22.42	ng	# 20
52) 3-Nitroaniline	10.38	138	8468	4.67	ng	# 66
53) 2,4-Dinitrophenol	10.44	184	1421	7.89	ng	# 1
54) Dibenzofuran	10.63	168	142666	14.30	ng	# 1
55) 4-Nitrophenol	10.53	139	143712	99.10	ng	# 36
56) 2,4-Dinitrotoluene	10.58	165	23134	11.59	ng	# 66
57) Fluorene	10.97	166	338883	42.80	ng	# 67
58) 2,3,4,6-Tetrachlorophenol	10.76	232	5437	2.71	ng	# 1
60) 4-Chlorophenyl-phenylether	11.03	204	17665	4.64	ng	# 1
61) 4-Nitroaniline	10.89	138	20236	10.80	ng	# 44
62) Azobenzene	11.12	77	39854	4.96	ng	# 1

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 Sample : G2660-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1

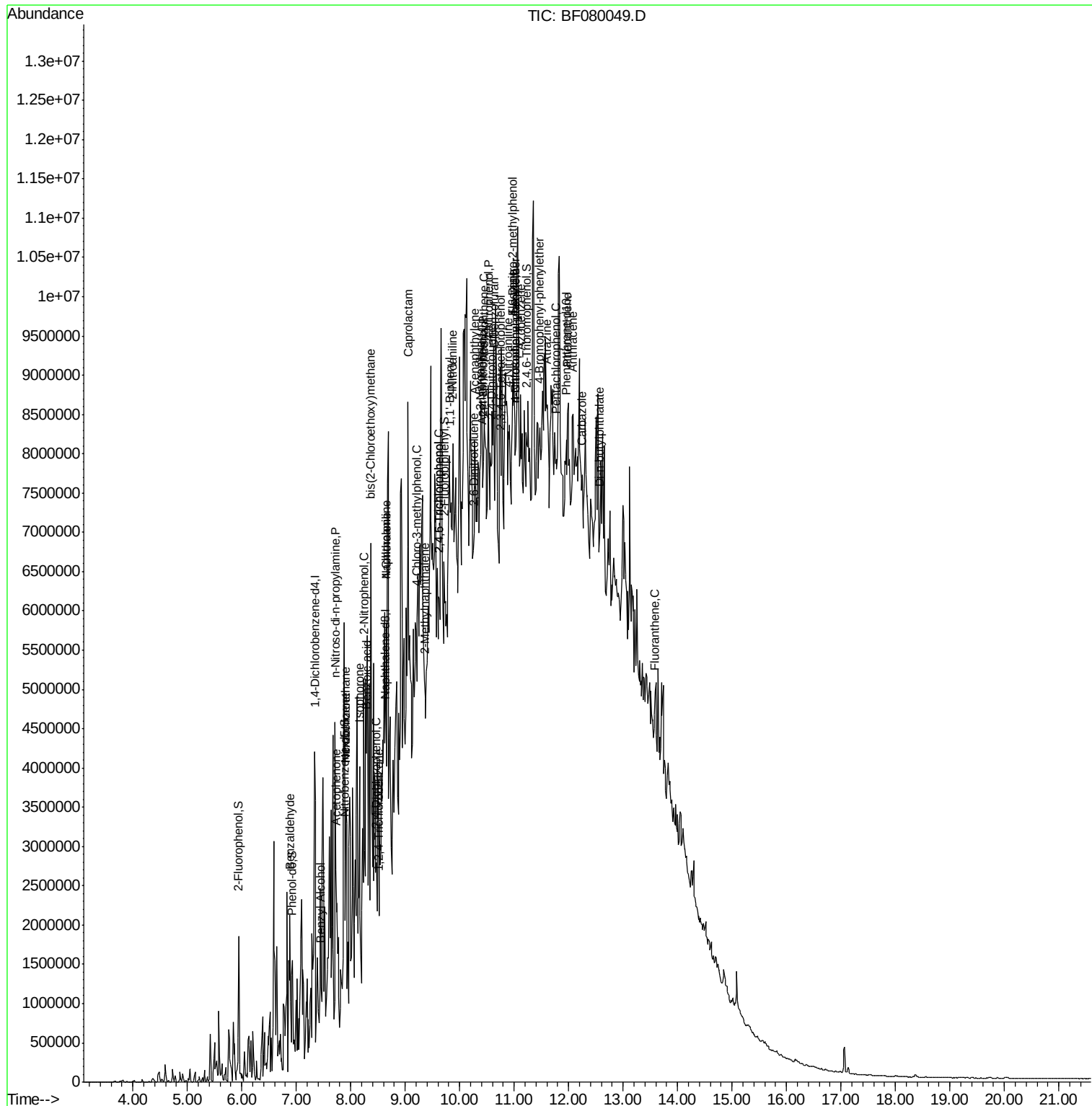
Quant Time: Jun 19 01:35:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 01:33:10 2015
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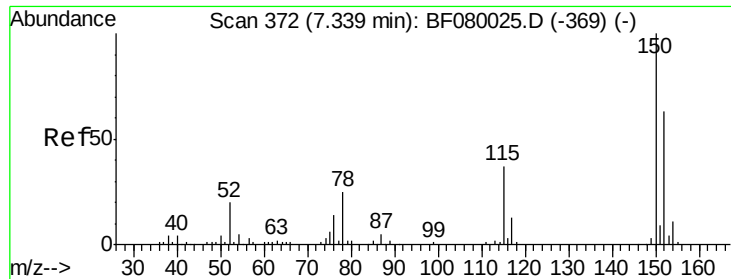
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	10.97	198	13322	28.16	ng	# 1
65) n-Nitrosodiphenylamine	11.03	169	481463	130.19	ng	# 81
66) 4-Bromophenyl-phenylether	11.46	248	7275	6.02	ng	# 1
68) Atrazine	11.60	200	10848	9.28	ng	# 1
69) Pentachlorophenol	11.77	266	3909	5.14	ng	# 24
70) Phenanthrene	11.98	178	1258240	182.99	ng	# 88
71) Anthracene	12.07	178	269582	40.72	ng	# 1
72) Carbazole	12.24	167	36866	5.83	ng	# 1
73) Di-n-butylphthalate	12.57	149	25685	3.52	ng	# 1
74) Fluoranthene	13.58	202	289640	39.55	ng	89

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

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\  
Data File : BF080049.D  
Acq On    : 18 Jun 2015  17:04  
Operator  : TP/IZ  
Sample    : G2660-01  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

Quant Time: Jun 19 01:35:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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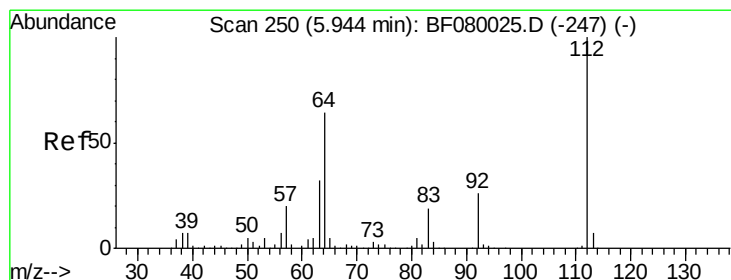
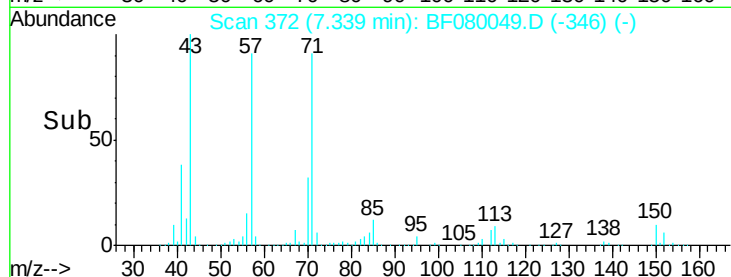
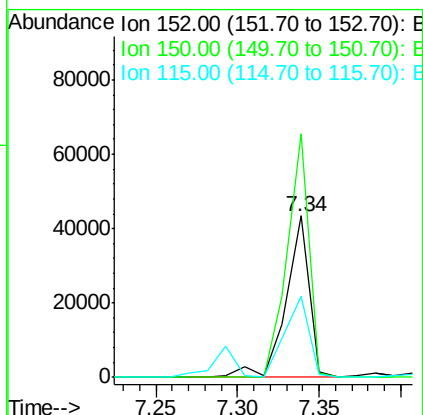
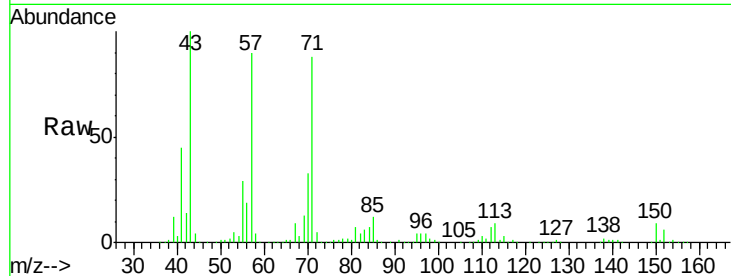


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Instrument :
BNA_F
ClientSampleId :
W1

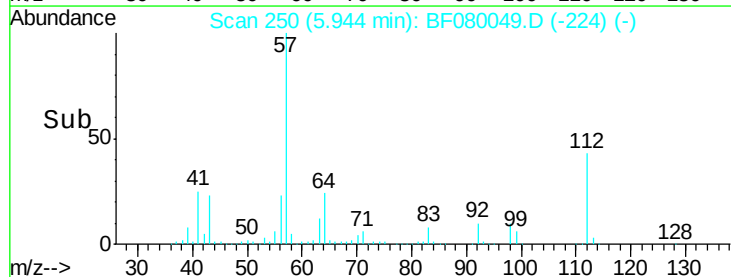
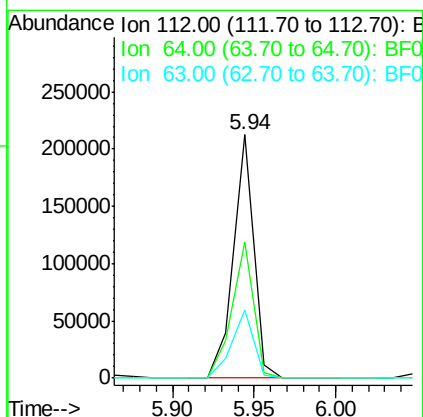
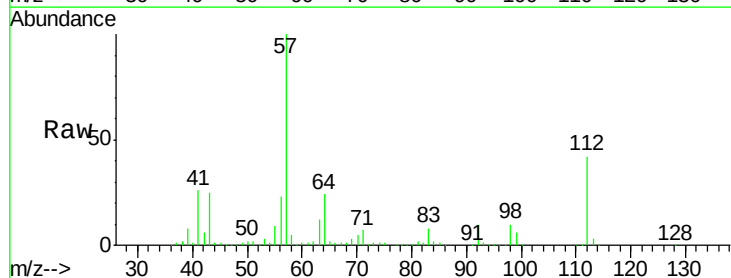
Tgt Ion:152 Resp: 43082
Ion Ratio Lower Upper
152 100
150 150.7 124.7 187.1
115 49.9 39.0 58.4

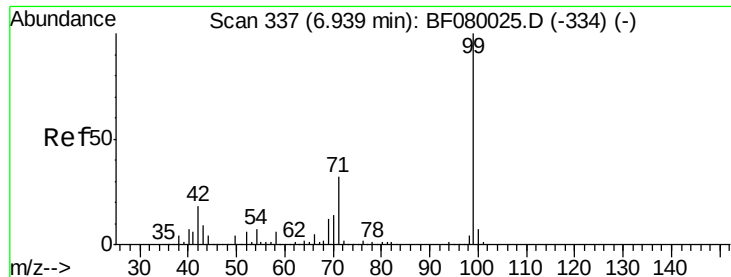


#5

2-Fluorophenol
Concen: 74.66 ng
RT: 5.94 min Scan# 250
Delta R.T. -0.00 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion:112 Resp: 181714
Ion Ratio Lower Upper
112 100
64 55.7 39.7 59.5
63 28.2 17.4 26.0#





#7

Phenol-d6

Concen: 47.92 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

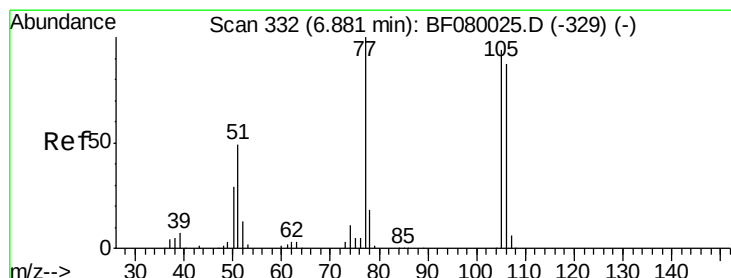
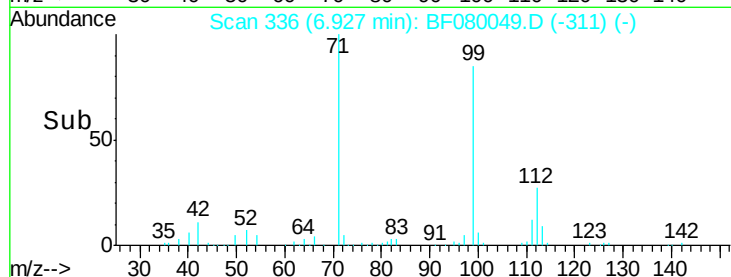
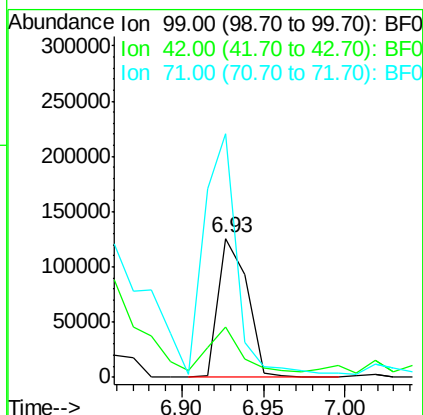
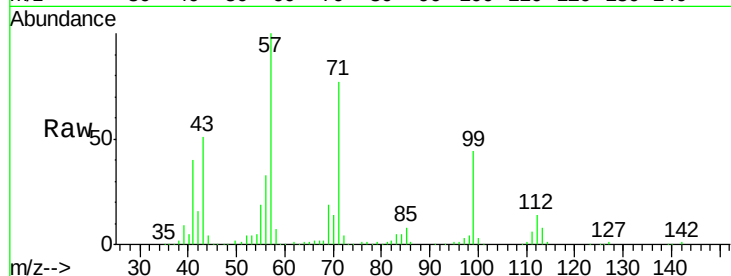
Tgt Ion: 99 Resp: 155181

Ion Ratio Lower Upper

99 100

42 36.6 13.7 20.5#

71 175.2 14.2 21.2#



#9

Benzaldehyde

Concen: 7.52 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

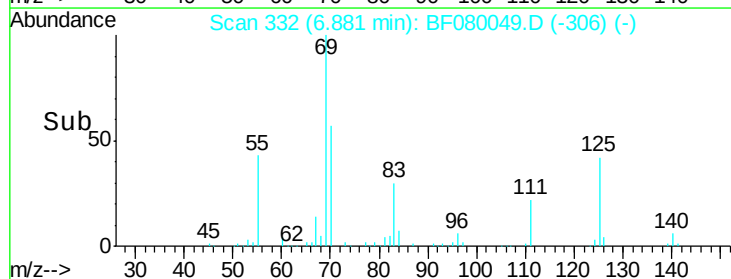
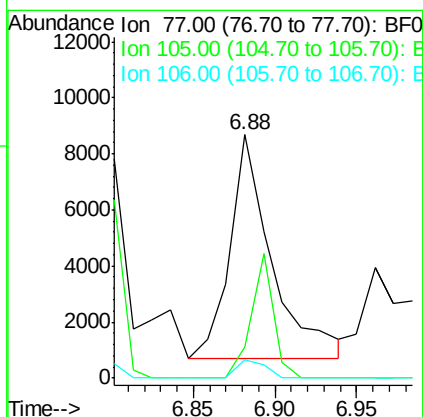
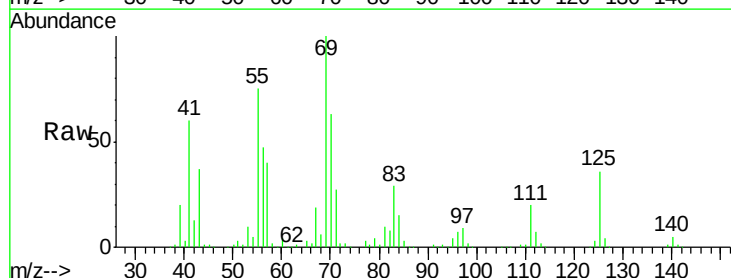
Tgt Ion: 77 Resp: 14053

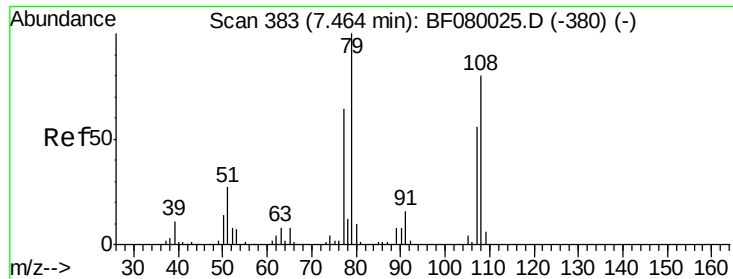
Ion Ratio Lower Upper

77 100

105 12.8 91.6 131.6#

106 7.7 102.6 142.6#

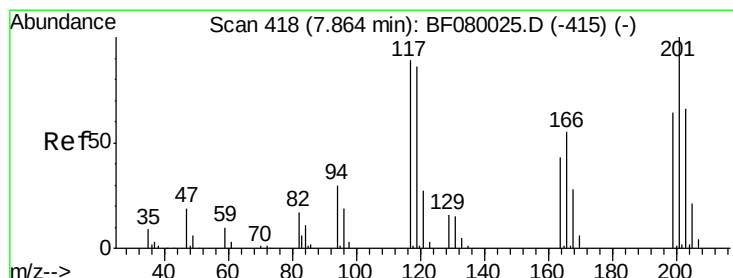
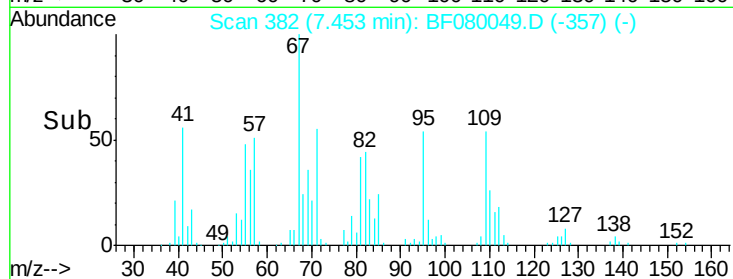
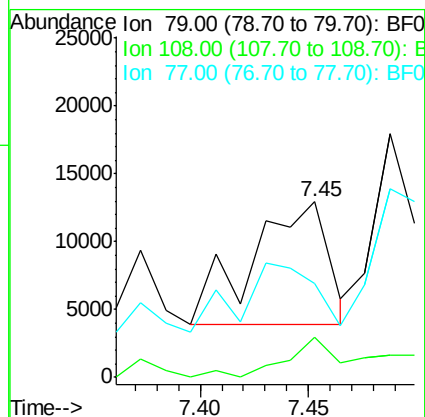
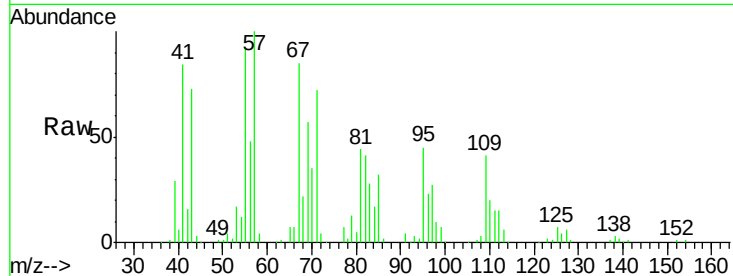




#15
Benzyl Alcohol
Concen: 8.41 ng
RT: 7.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

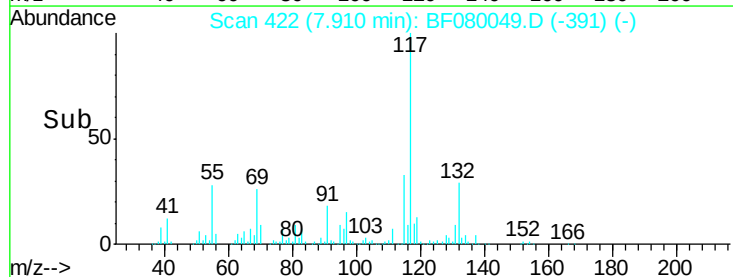
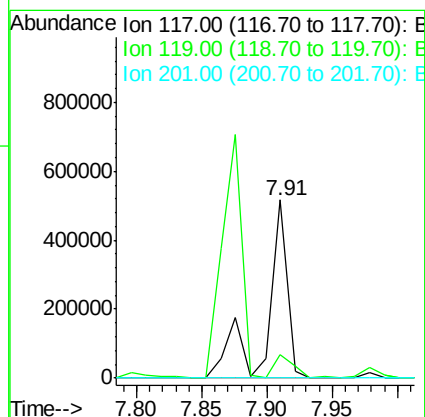
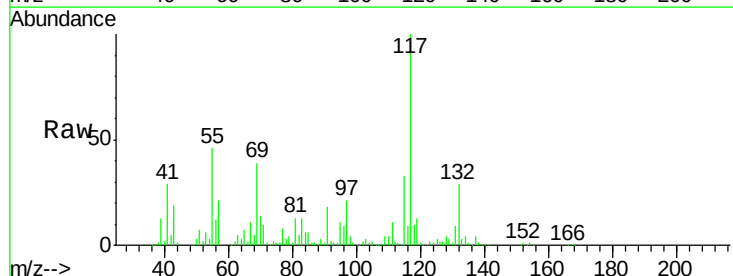
Instrument :
BNA_F
ClientSampled :
W1

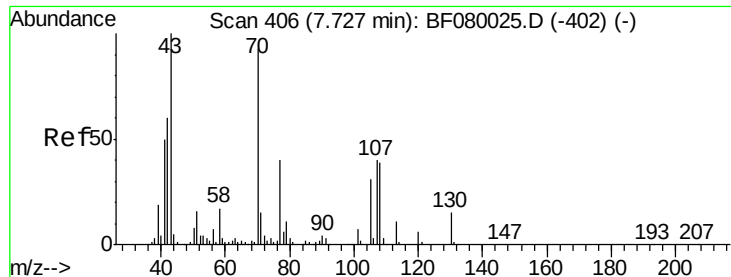
Tgt Ion: 79 Resp: 22265
Ion Ratio Lower Upper
79 100
108 22.7 88.6 132.8#
77 53.7 47.0 70.4



#18
Hexachloroethane
Concen: 537.74 ng
RT: 7.91 min Scan# 422
Delta R.T. 0.06 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion: 117 Resp: 575396
Ion Ratio Lower Upper
117 100
119 13.3 83.8 125.6#
201 0.0 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 34.09 ng

RT: 7.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampled :

W1

Tgt Ion: 70 Resp: 76661

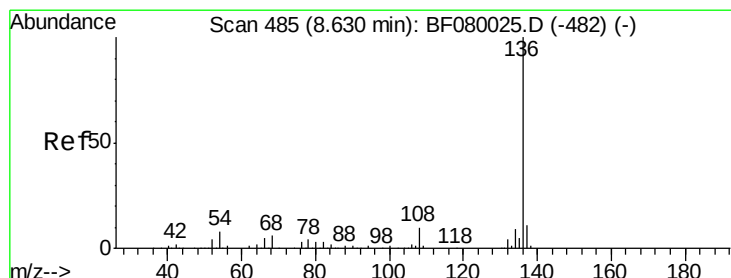
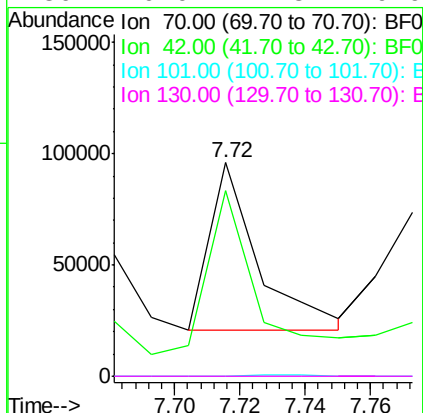
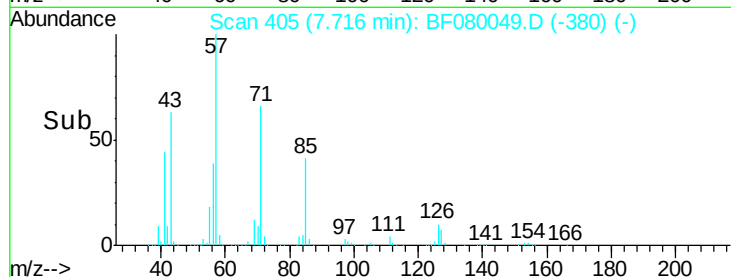
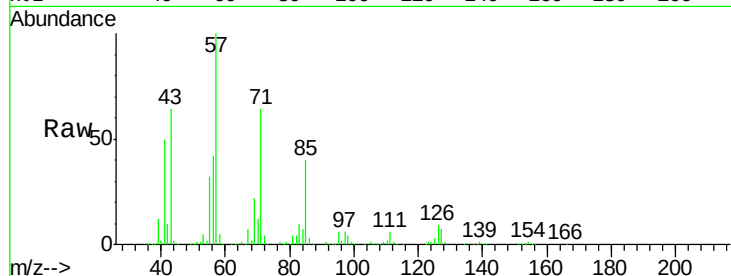
Ion Ratio Lower Upper

70 100

42 87.1 63.8 95.6

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Tgt Ion: 136 Resp: 164700

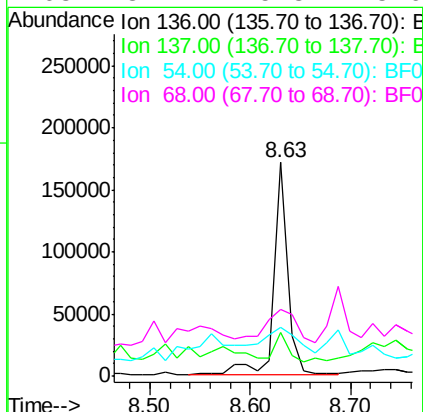
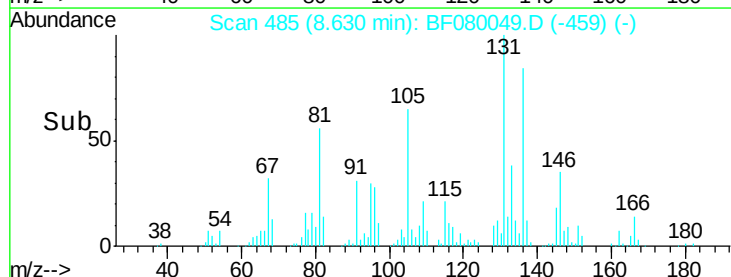
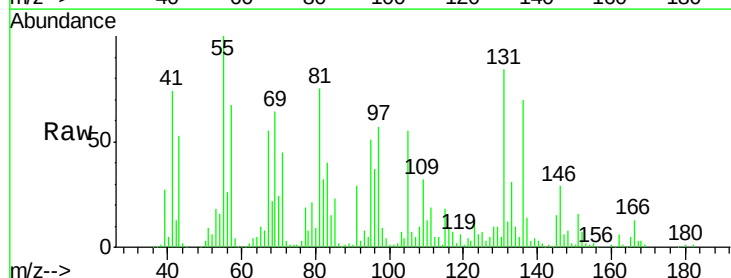
Ion Ratio Lower Upper

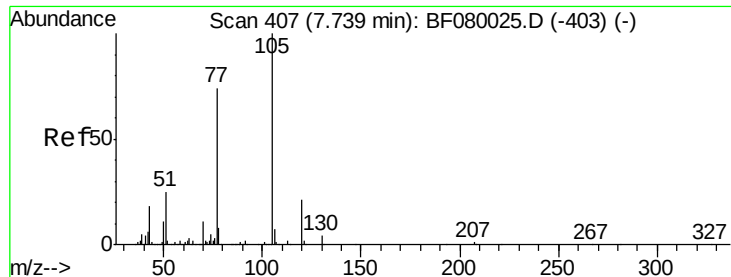
136 100

137 20.4 9.0 13.6#

54 22.6 8.2 12.2#

68 31.2 5.8 8.6#





#22

Acetophenone

Concen: 118.20 ng

RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

Tgt Ion:105 Resp: 453655

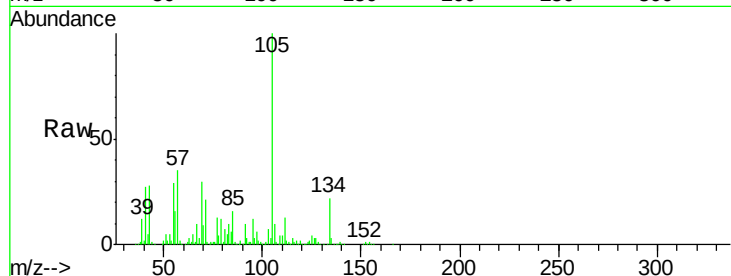
Ion Ratio Lower Upper

105 100

71 20.6 4.7 7.1#

51 5.2 22.0 33.0#

120 0.3 30.1 45.1#

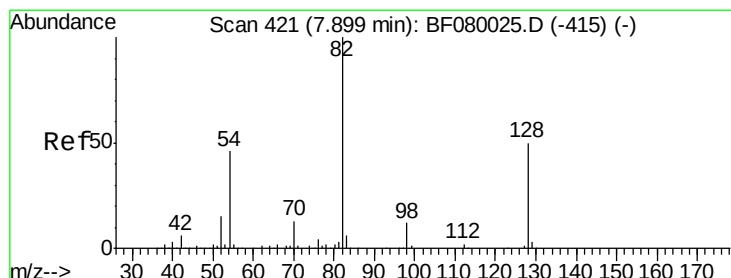
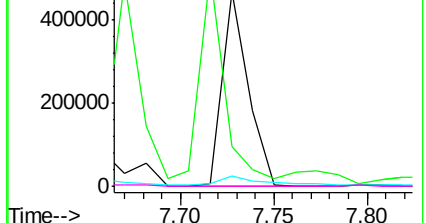
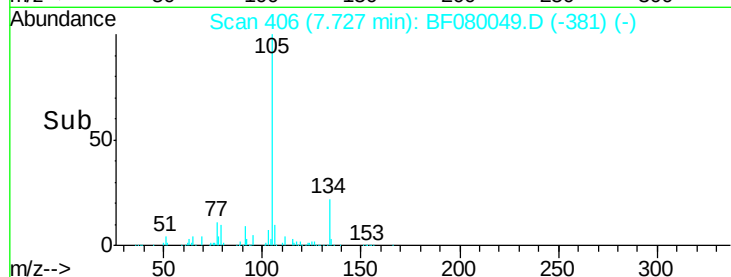


Abundance Ion 105.00 (104.70 to 105.70): E

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: 135.12 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

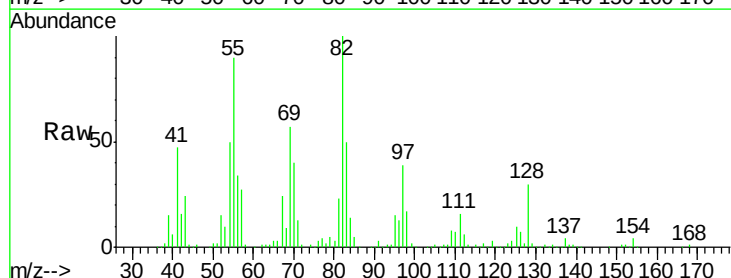
Tgt Ion: 82 Resp: 382262

Ion Ratio Lower Upper

82 100

128 29.5 51.0 76.6#

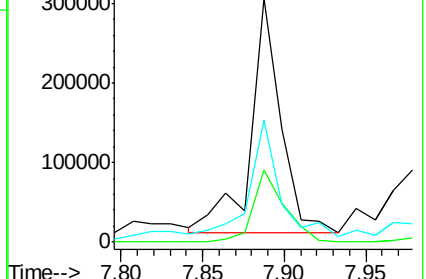
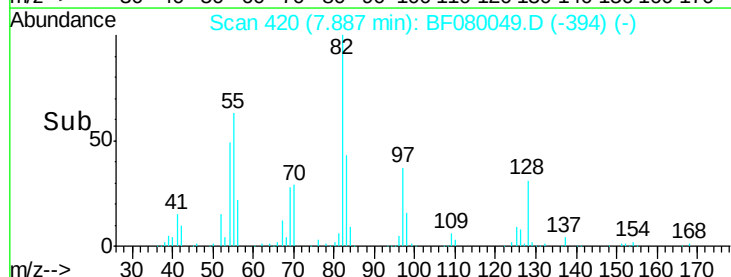
54 50.1 47.5 71.3

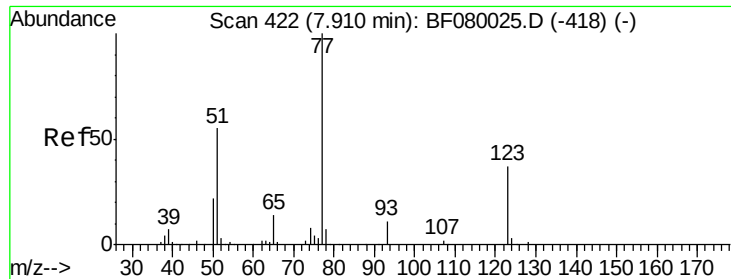


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

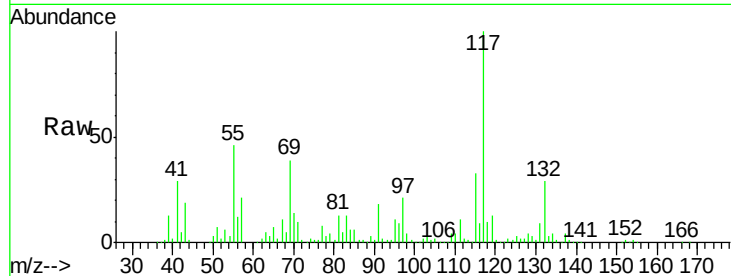




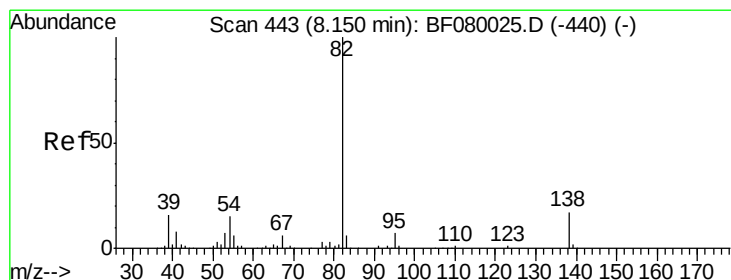
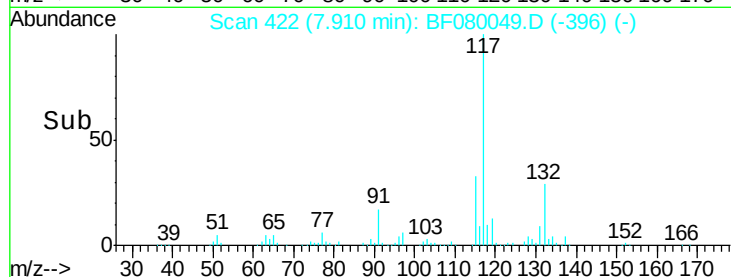
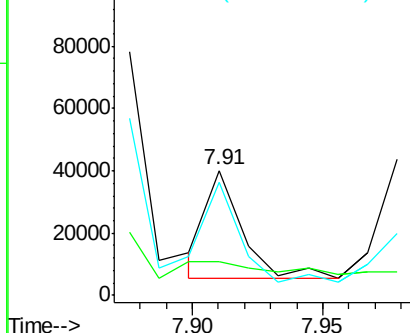
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Nitrobenzene
Concen: 11.46 ng
RT: 7.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Instrument :
BNA_F
ClientSampleId :
W1

Tgt Ion: 77 Resp: 33458
Ion Ratio Lower Upper
77 100
123 26.6 59.8 89.8#
65 90.5 10.2 15.4#

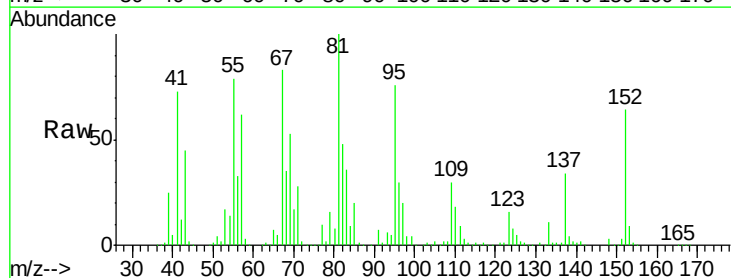


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

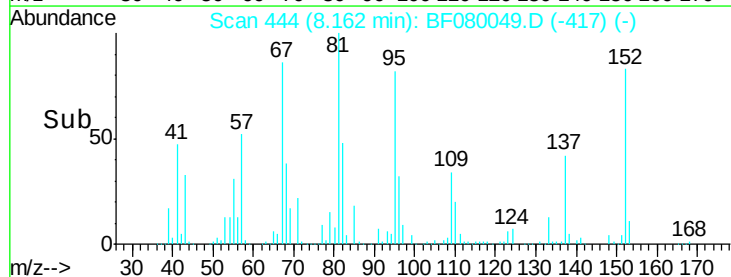
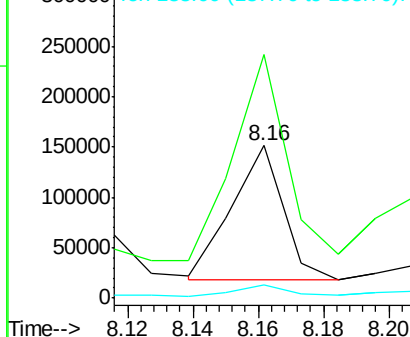


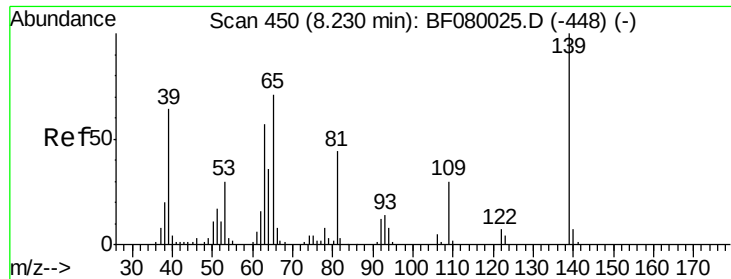
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Isophorone
Concen: 25.29 ng
RT: 8.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion: 82 Resp: 143980
Ion Ratio Lower Upper
82 100
95 159.5 4.0 6.0#
138 8.6 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 13.57 ng

RT: 8.24 min Scan# 451

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampled :

W1

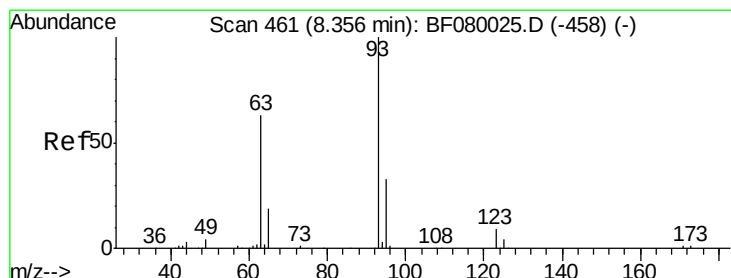
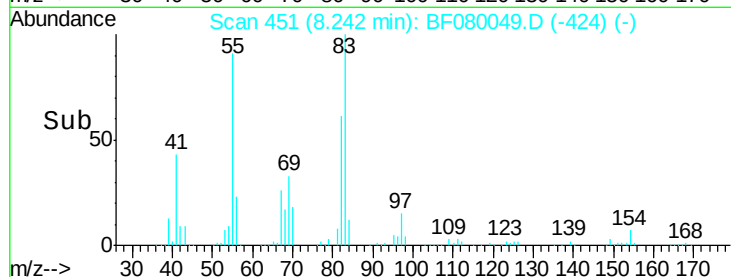
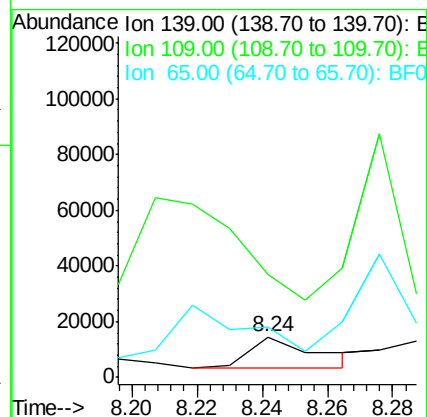
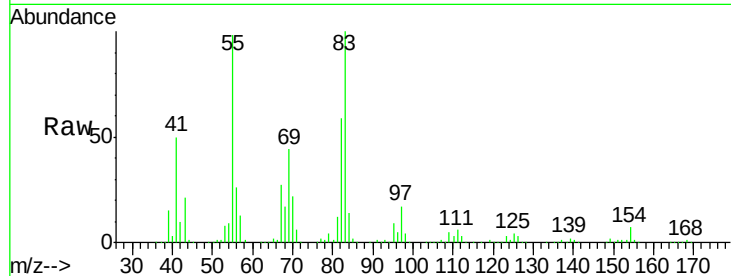
Tgt Ion: 139 Resp: 16581

Ion Ratio Lower Upper

139 100

109 256.5 11.0 16.4#

65 125.1 24.7 37.1#



#28

bis(2-Chloroethoxy)methane

Concen: 6.00 ng

RT: 8.37 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

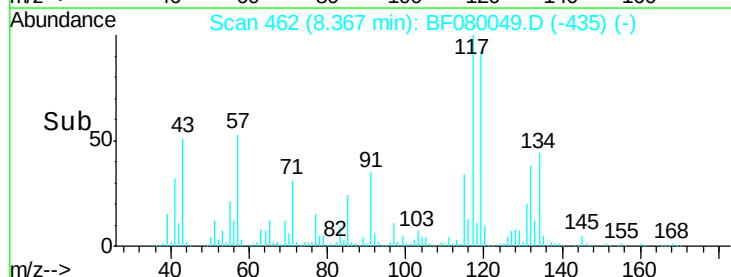
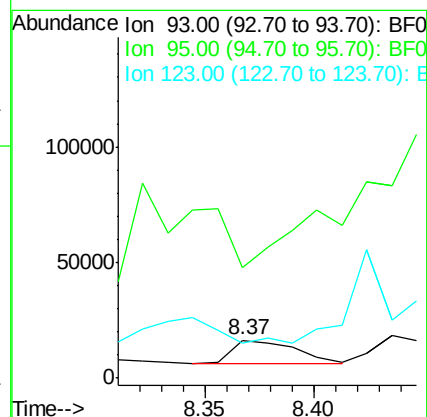
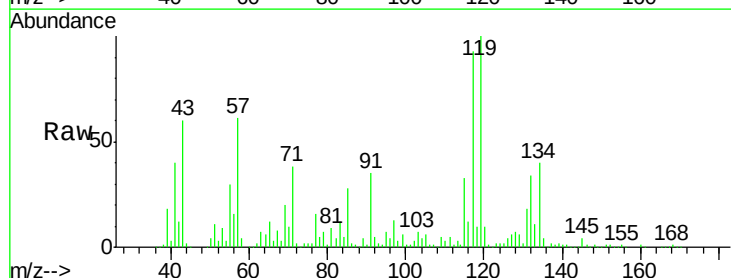
Tgt Ion: 93 Resp: 20057

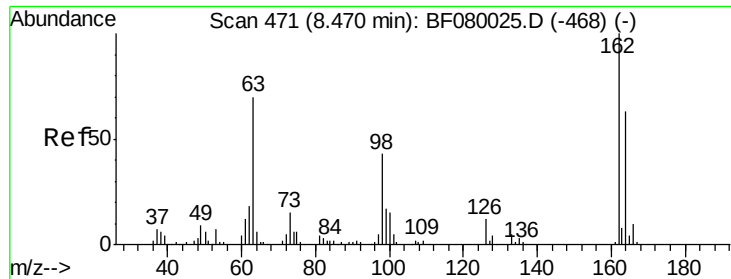
Ion Ratio Lower Upper

93 100

95 290.7 27.5 41.3#

123 92.7 13.7 20.5#





#29

2,4-Dichlorophenol

Concen: 13.84 ng

RT: 8.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

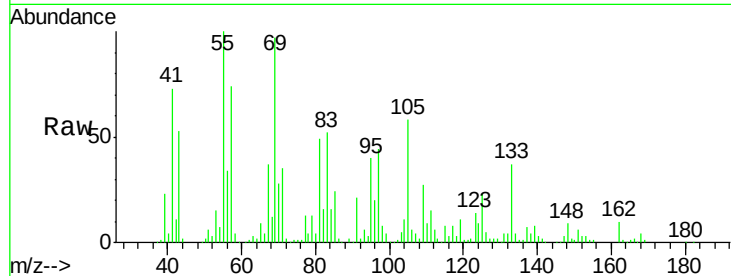
Tgt Ion:162 Resp: 30206

Ion Ratio Lower Upper

162 100

164 2.6 44.9 84.9#

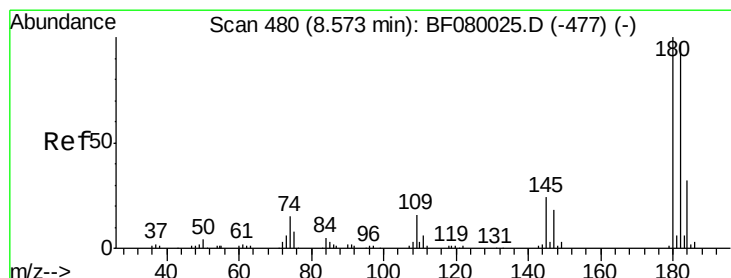
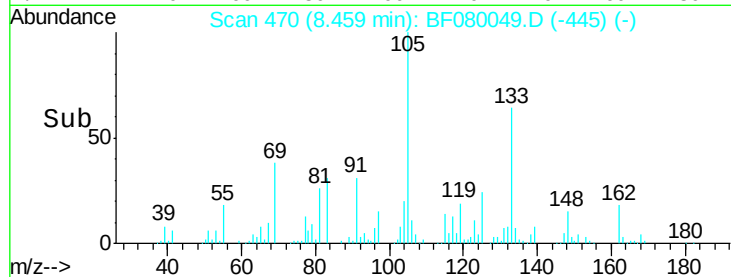
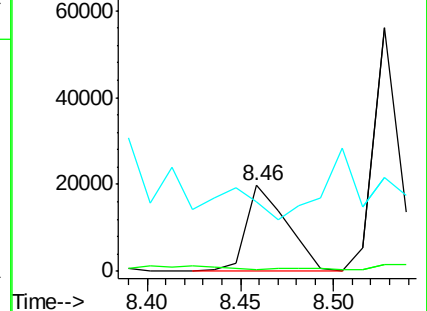
98 80.5 13.0 53.0#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 4.60 ng

RT: 8.52 min Scan# 475

Delta R.T. -0.05 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

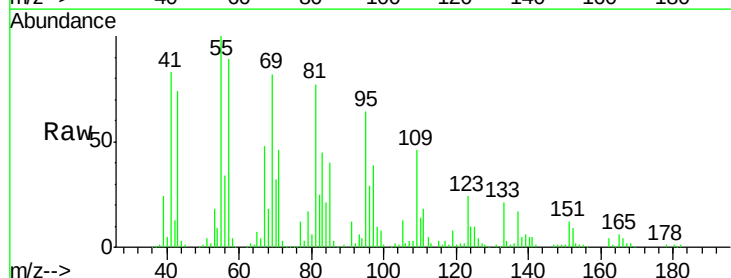
Tgt Ion:180 Resp: 11397

Ion Ratio Lower Upper

180 100

182 57.6 77.1 115.7#

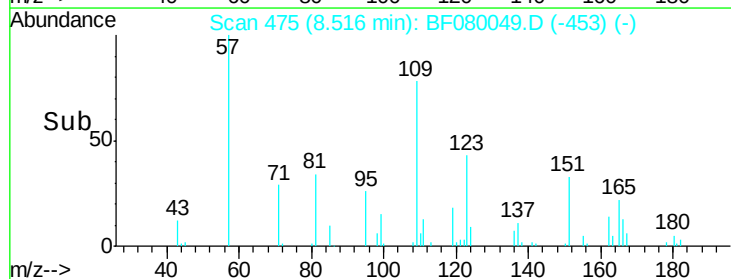
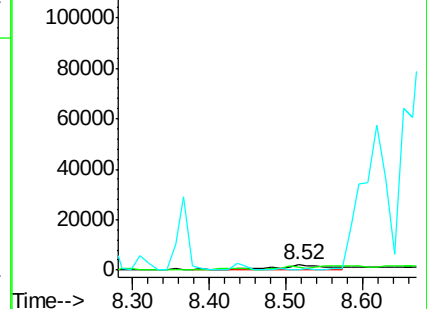
145 0.0 23.3 34.9#

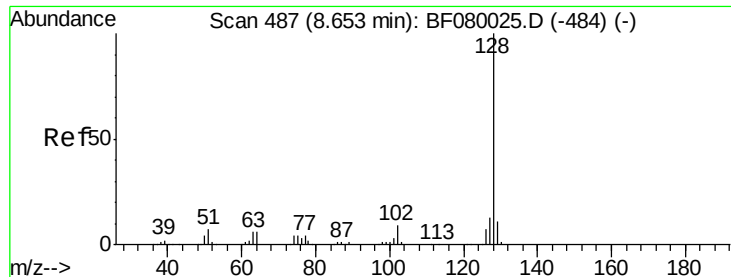


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

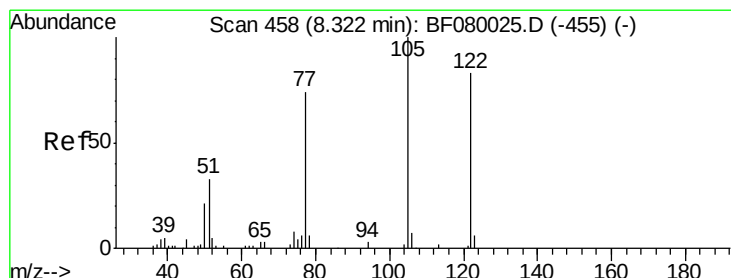
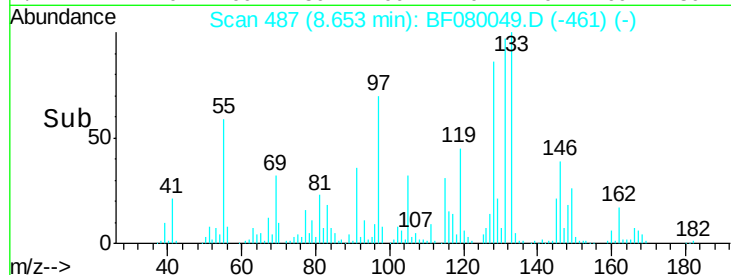
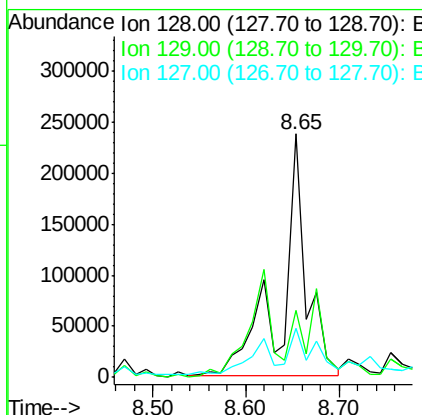
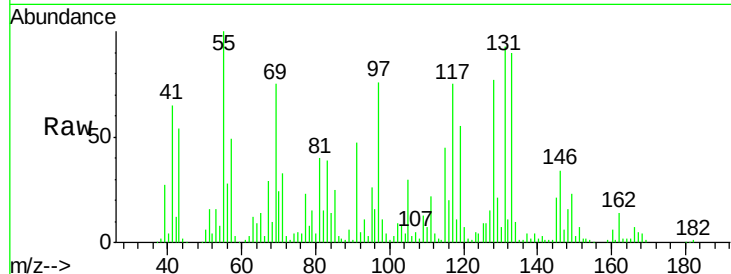




#31
Naphthalene
Concen: 51.54 ng
RT: 8.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

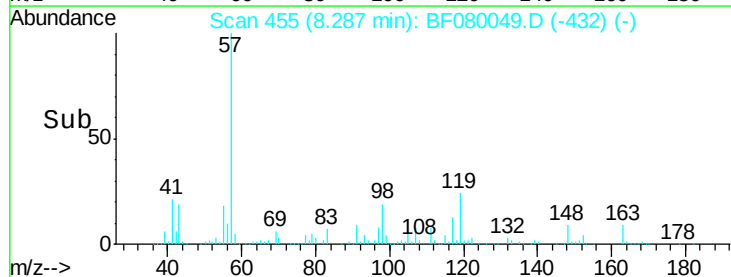
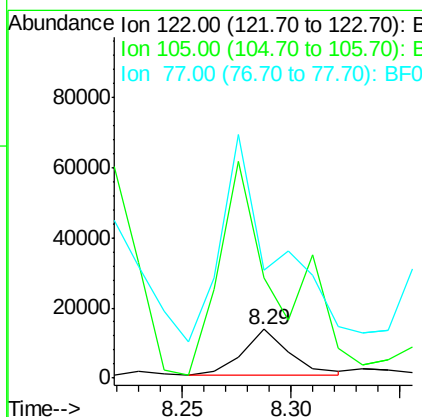
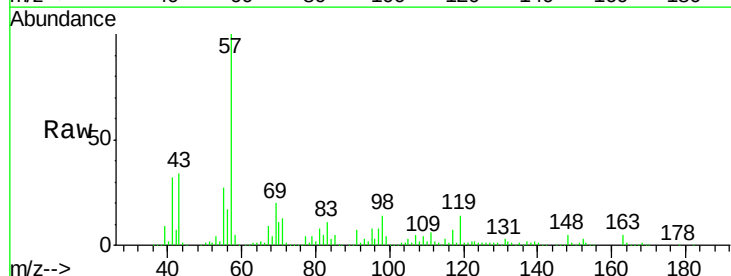
Instrument :
BNA_F
ClientSampleId :
W1

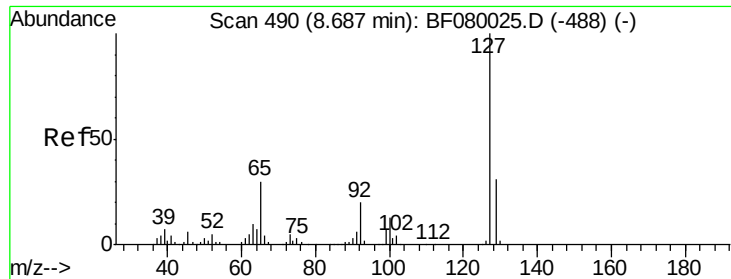
Tgt Ion:128 Resp: 443849
Ion Ratio Lower Upper
128 100
129 27.8 8.4 12.6#
127 20.1 9.9 14.9#



#32
Benzoic acid
Concen: 12.47 ng
RT: 8.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion:122 Resp: 19222
Ion Ratio Lower Upper
122 100
105 207.0 76.1 116.1#
77 221.1 40.5 80.5#

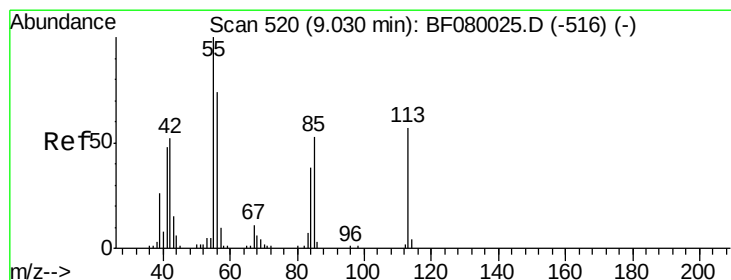
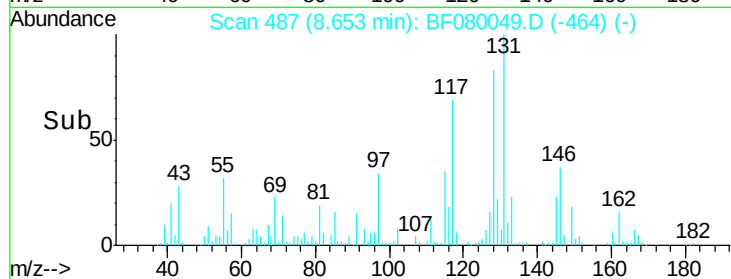
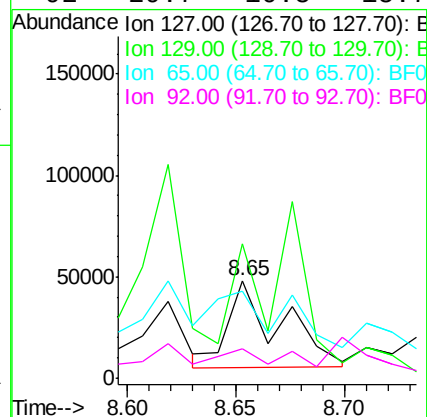
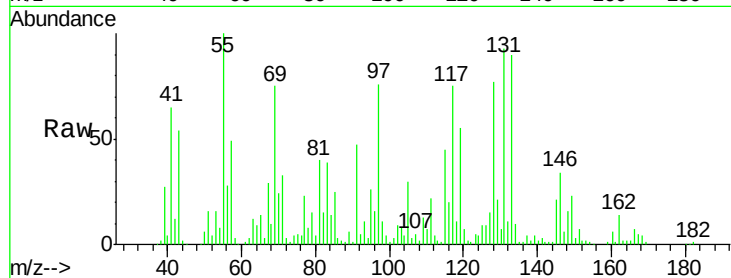




#33
4-Chloroaniline
Concen: 19.72 ng
RT: 8.65 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

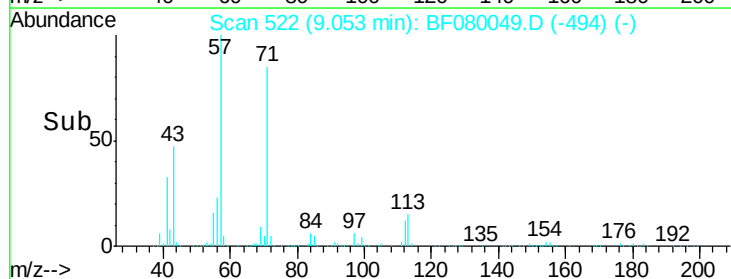
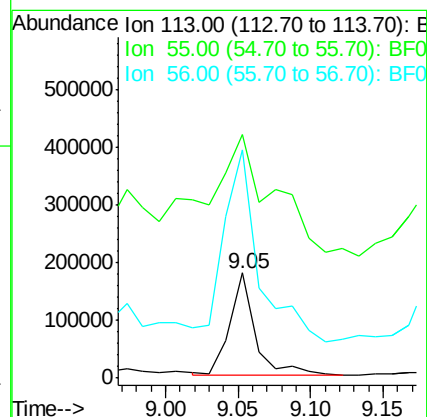
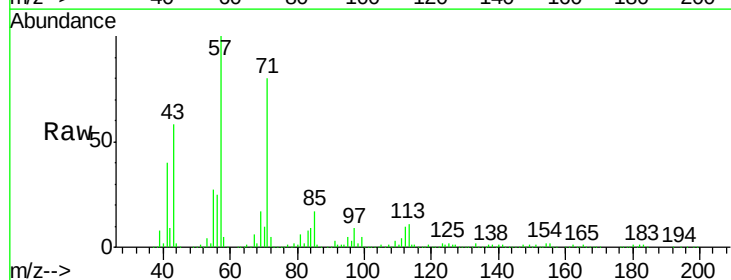
Instrument :
BNA_F
ClientSampleId :
W1

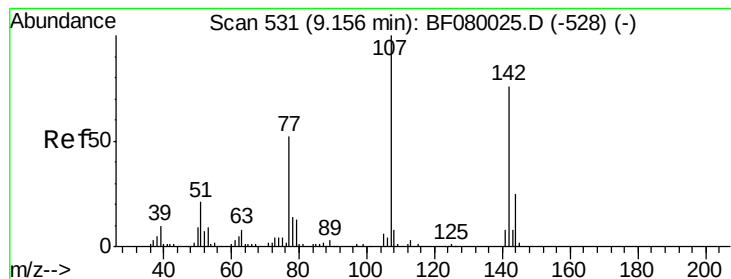
Tgt Ion:127 Resp: 72688
Ion Ratio Lower Upper
127 100
129 137.9 25.8 38.6#
65 89.0 17.9 26.9#
92 29.7 10.5 15.7#



#35
Caprolactam
Concen: 304.08 ng
RT: 9.05 min Scan# 522
Delta R.T. 0.02 min
Lab File: BF080049.D
Acq: 18 Jun 2015 17:04

Tgt Ion:113 Resp: 215416
Ion Ratio Lower Upper
113 100
55 232.4 152.4 192.4#
56 217.3 104.6 144.6#





#36

4-Chloro-3-methylphenol

Concen: 6.54 ng

RT: 9.20 min Scan# 535

Delta R.T. 0.05 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

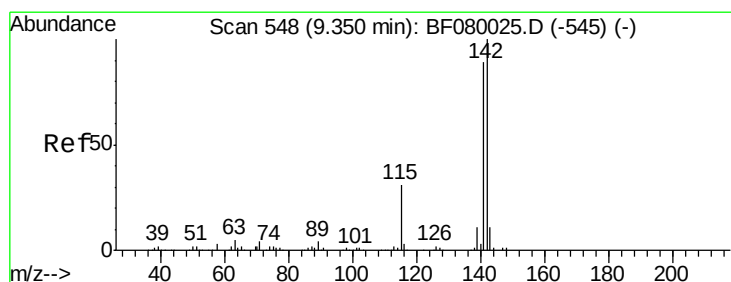
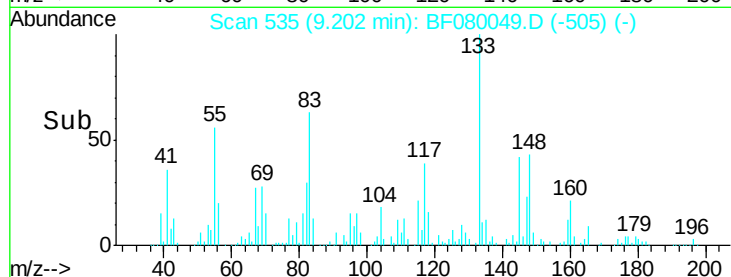
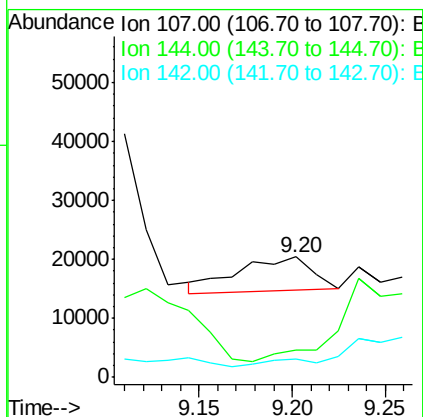
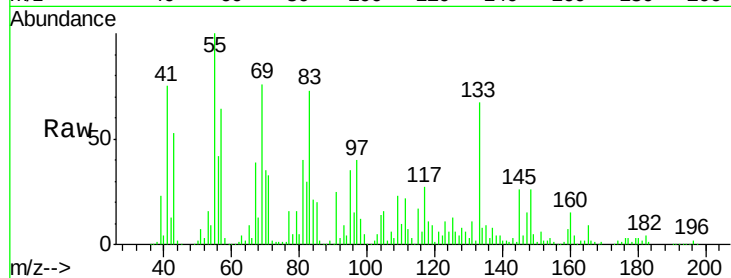
Tgt Ion:107 Resp: 16090

Ion Ratio Lower Upper

107 100

144 22.2 25.4 38.0#

142 15.6 77.3 115.9#



#37

2-Methylnaphthalene

Concen: 63.79 ng

RT: 9.36 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

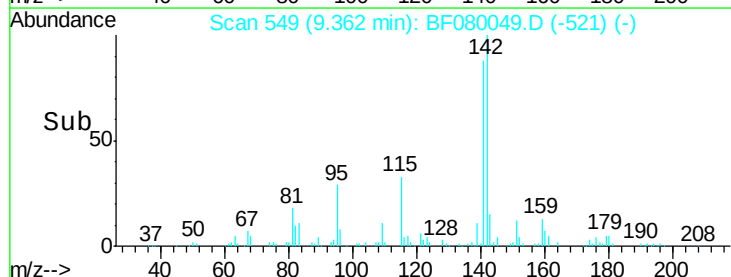
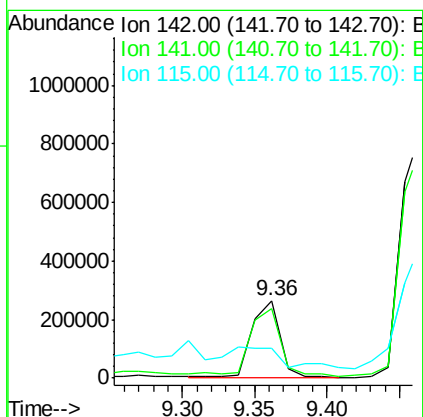
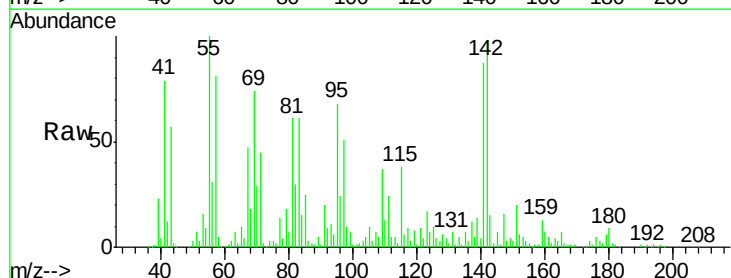
Tgt Ion:142 Resp: 355330

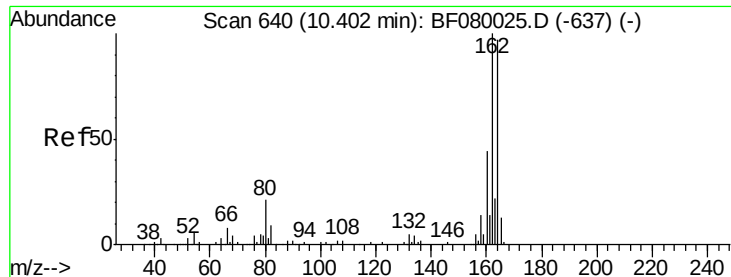
Ion Ratio Lower Upper

142 100

141 89.6 67.5 101.3

115 38.6 18.2 27.2#

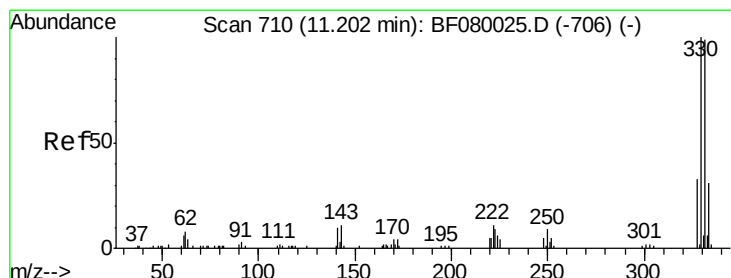
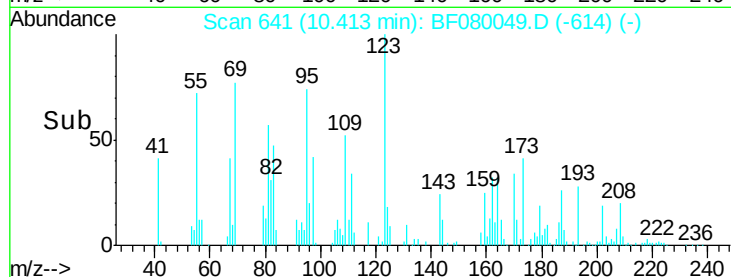
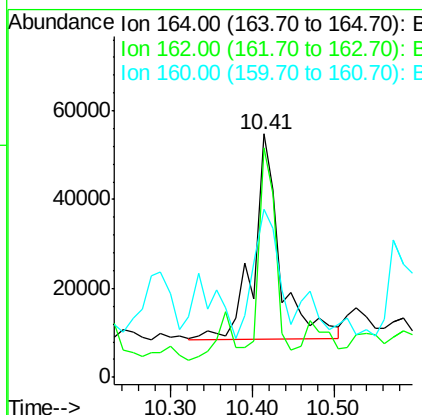
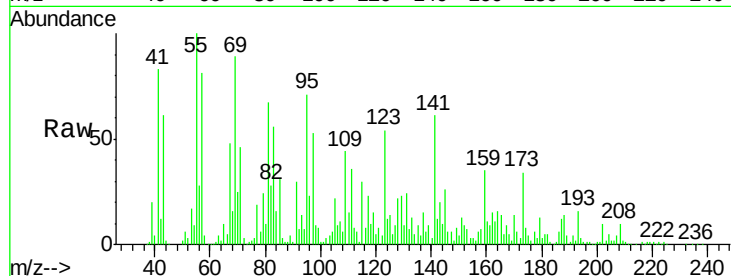




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

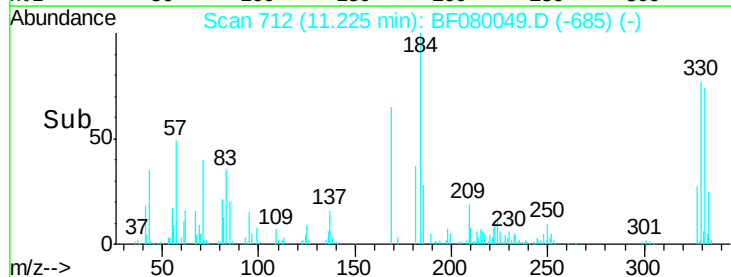
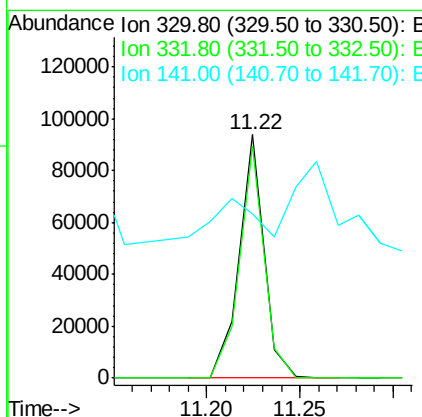
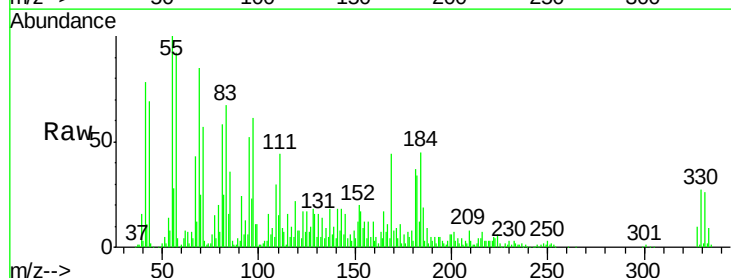
Instrument :
 BNA_F
 ClientSampleId :
 W1

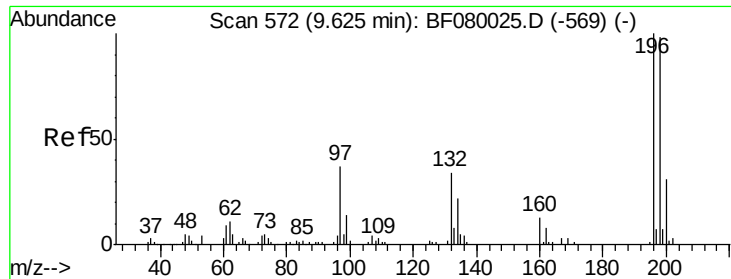
Tgt Ion:164 Resp: 104334
 Ion Ratio Lower Upper
 164 100
 162 94.5 75.2 112.8
 160 69.2 31.5 47.3#



#41
 2,4,6-Tribromophenol
 Concen: 85.58 ng
 RT: 11.22 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

Tgt Ion:330 Resp: 87315
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 32.4 29.7 44.5

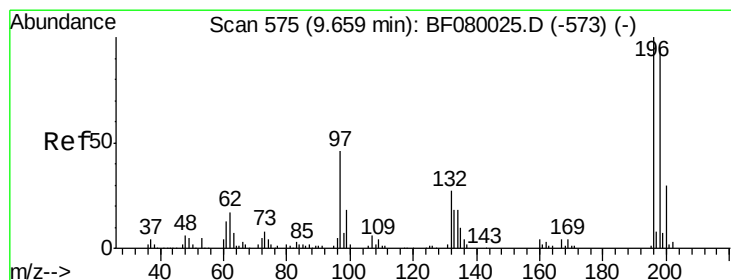
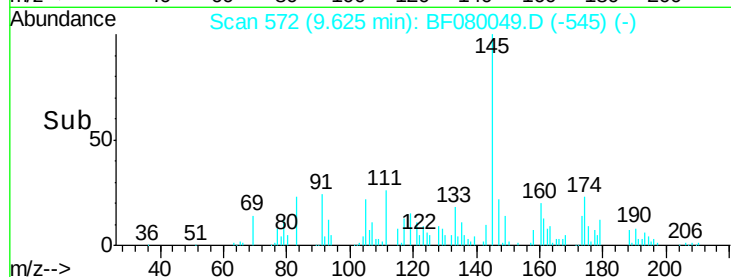
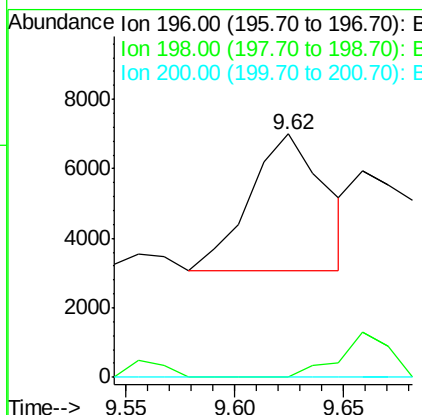
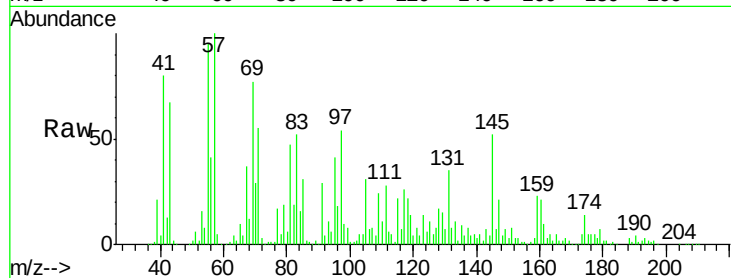




#42
 2,4,6-Trichlorophenol
 Concen: 4.65 ng
 RT: 9.62 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

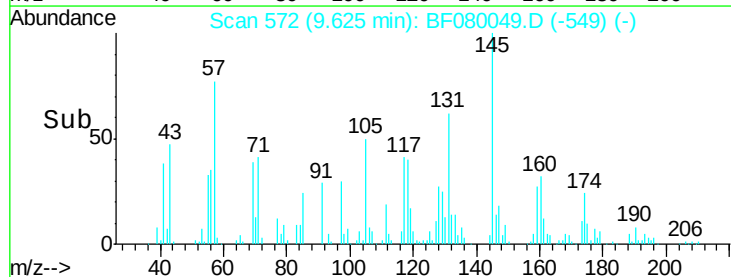
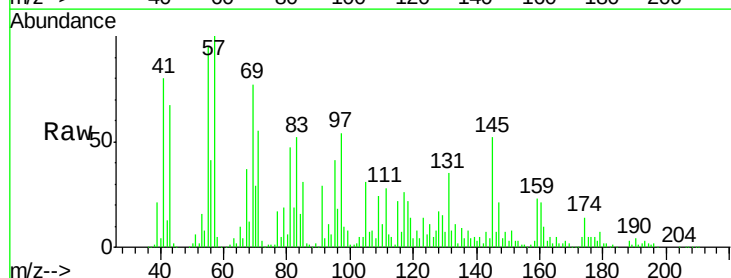
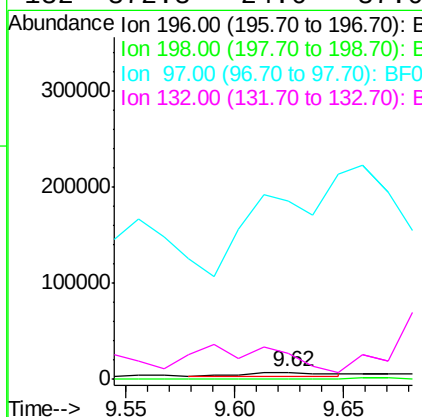
Instrument :
 BNA_F
 ClientSampleId :
 W1

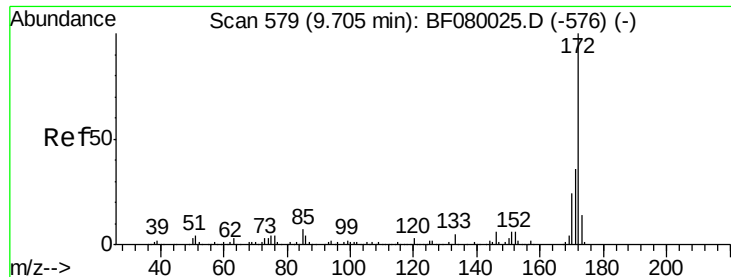
Tgt Ion:196 Resp: 9597
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 23.9 35.9#



#43
 2,4,5-Trichlorophenol
 Concen: 4.03 ng
 RT: 9.62 min Scan# 572
 Delta R.T. -0.03 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

Tgt Ion:196 Resp: 9597
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.4 113.0#
 97 2647.3 33.3 49.9#
 132 372.3 24.6 37.0#





#44

2-Fluorobiphenyl

Concen: 62.27 ng

RT: 9.72 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

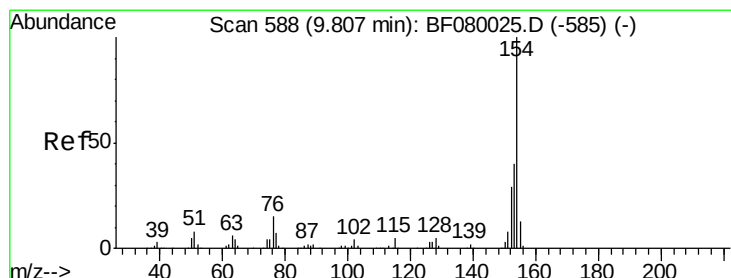
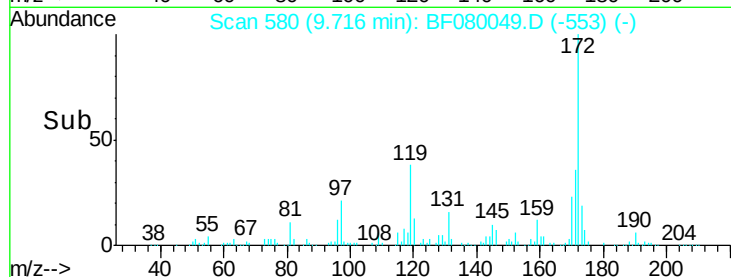
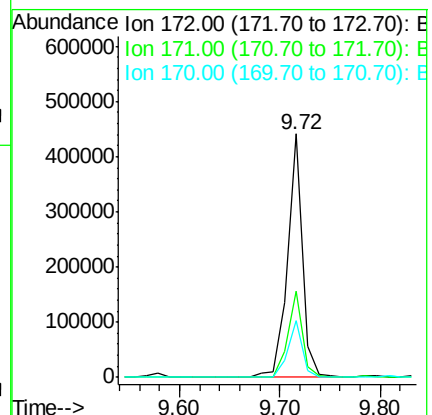
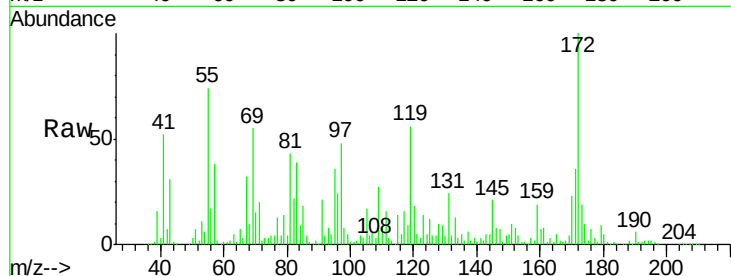
Tgt Ion:172 Resp: 455537

Ion Ratio Lower Upper

172 100

171 35.6 26.1 39.1

170 23.3 17.4 26.2



#45

1,1'-Biphenyl

Concen: 48.31 ng

RT: 9.82 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

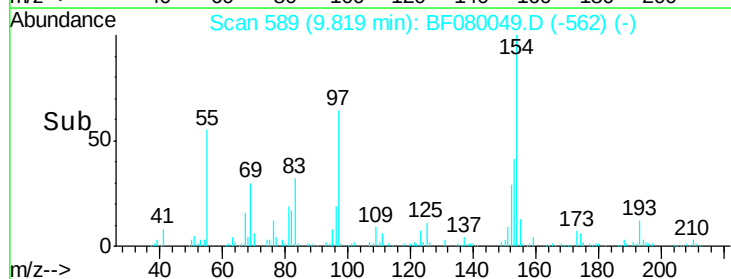
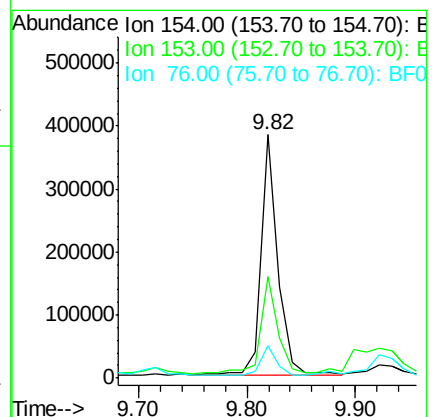
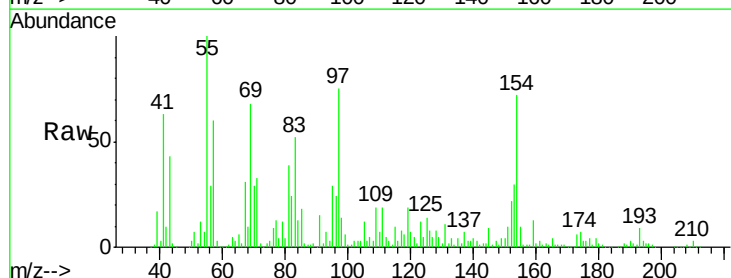
Tgt Ion:154 Resp: 410091

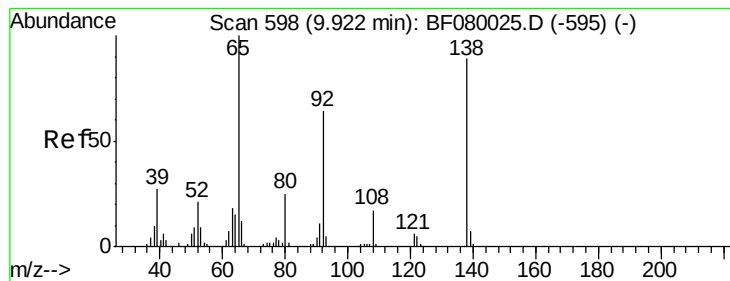
Ion Ratio Lower Upper

154 100

153 41.8 17.1 57.1

76 13.2 0.0 31.6





#47

2-Nitroaniline

Concen: 28.73 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.05 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

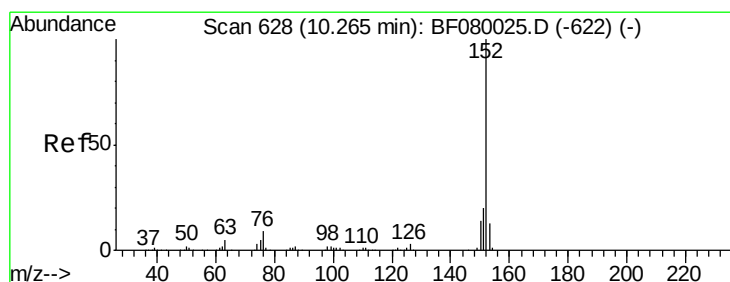
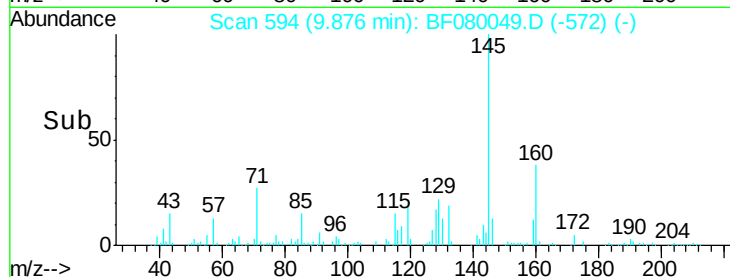
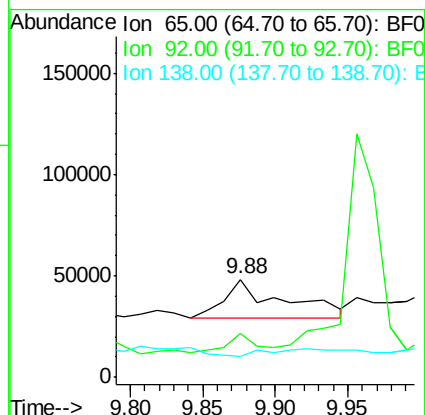
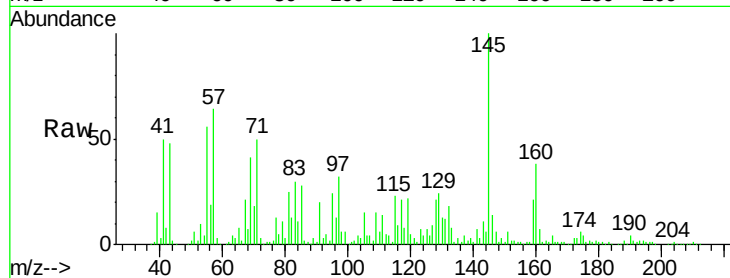
Tgt Ion: 65 Resp: 54314

Ion Ratio Lower Upper

65 100

92 44.3 55.4 83.0#

138 21.4 115.5 173.3#



#48

Acenaphthylene

Concen: 7.18 ng

RT: 10.28 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

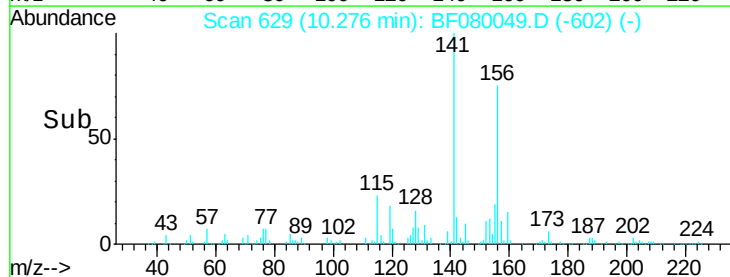
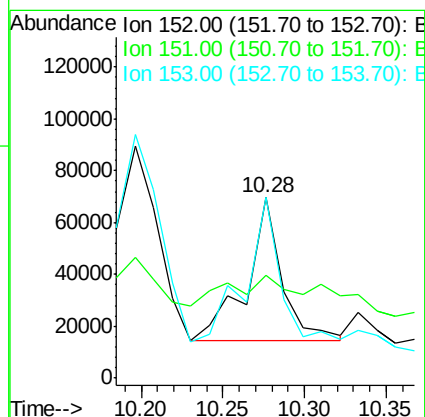
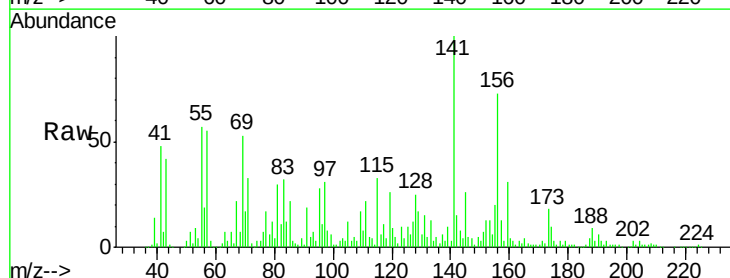
Tgt Ion: 152 Resp: 82593

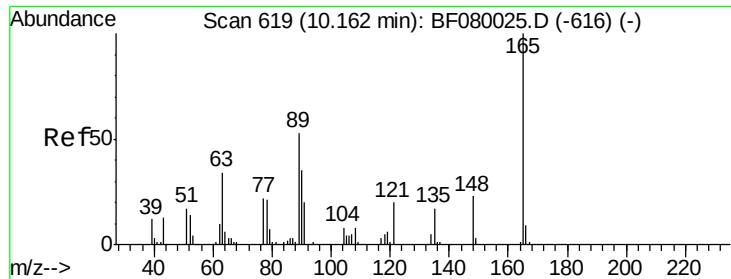
Ion Ratio Lower Upper

152 100

151 57.2 14.6 22.0#

153 100.0 10.3 15.5#





#50

2,6-Dinitrotoluene

Concen: 18.42 ng

RT: 10.25 min Scan# 627

Delta R.T. 0.09 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

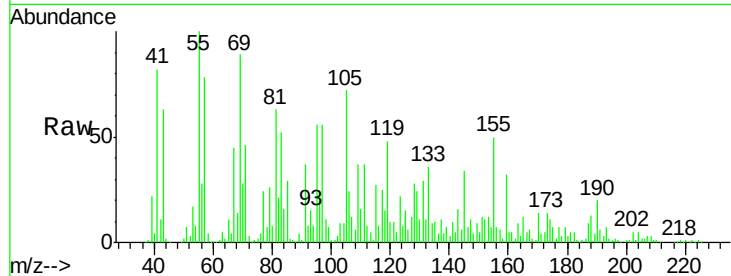
Tgt Ion:165 Resp: 28963

Ion Ratio Lower Upper

165 100

63 42.2 32.3 48.5

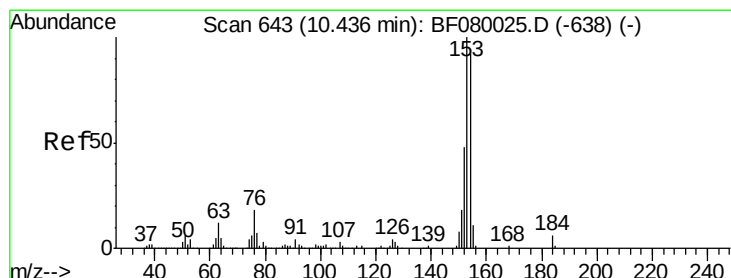
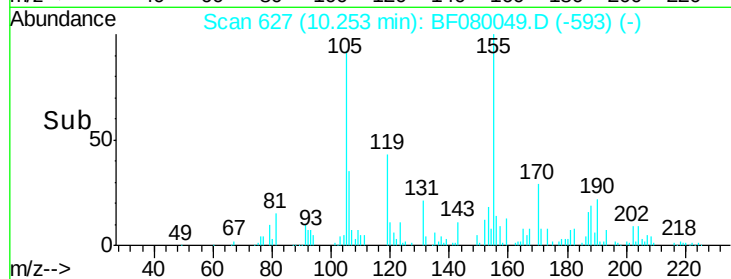
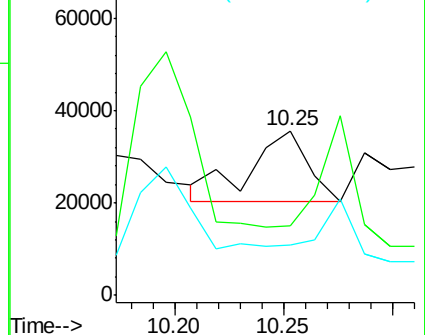
89 30.3 28.6 43.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 22.42 ng

RT: 10.45 min Scan# 644

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

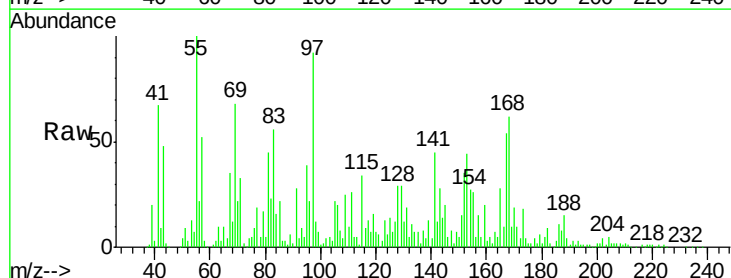
Tgt Ion:154 Resp: 157677

Ion Ratio Lower Upper

154 100

153 162.7 82.1 123.1#

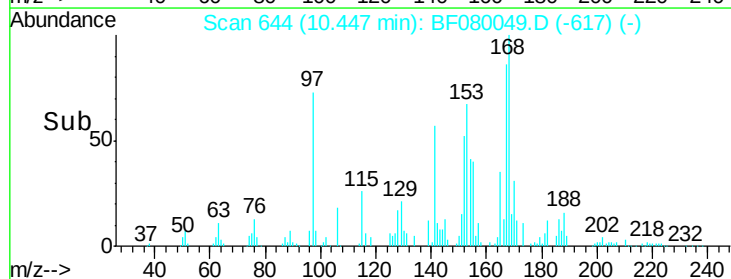
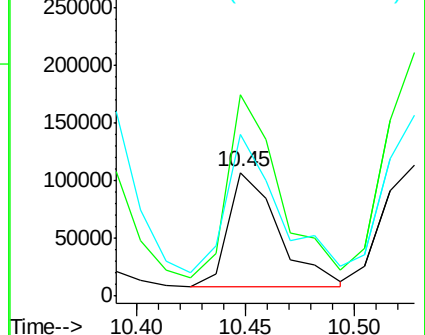
152 130.6 37.9 56.9#

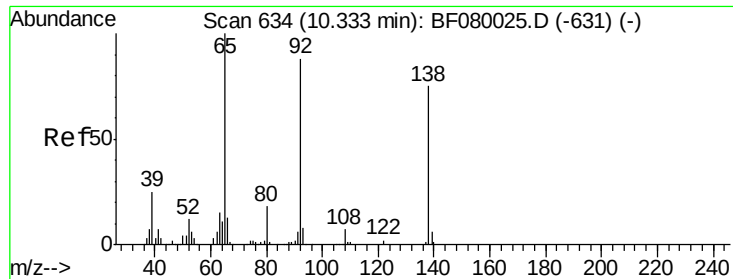


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 4.67 ng

RT: 10.38 min Scan# 638

Delta R.T. 0.05 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

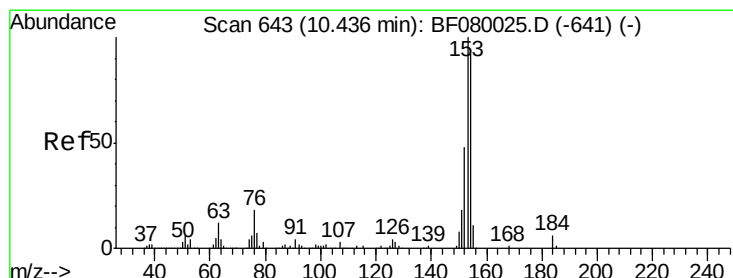
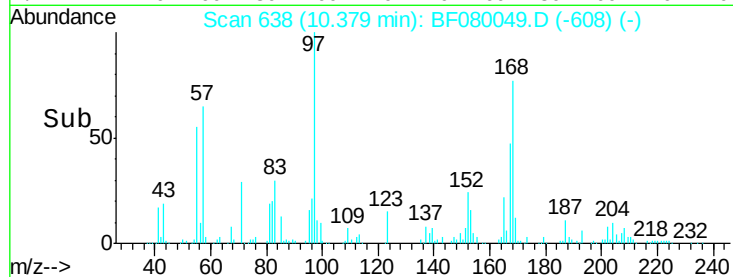
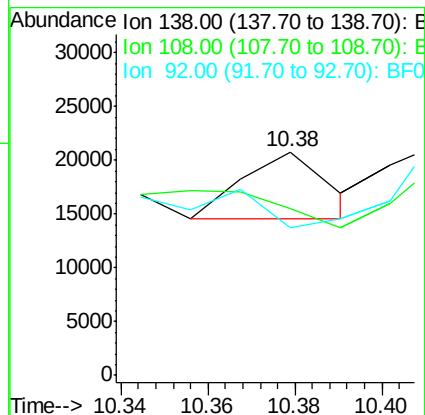
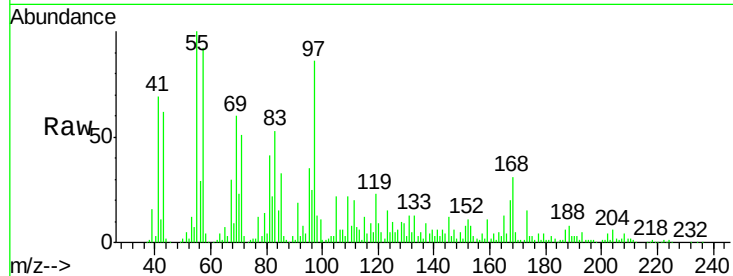
Tgt Ion:138 Resp: 8468

Ion Ratio Lower Upper

138 100

108 74.6 5.7 8.5#

92 66.3 67.7 101.5#



#53

2,4-Dinitrophenol

Concen: 7.89 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

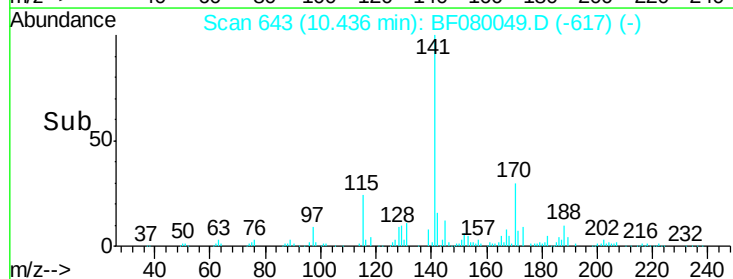
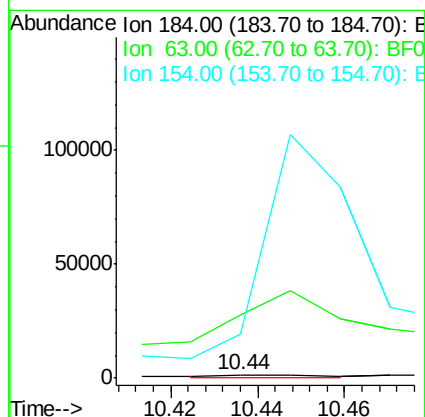
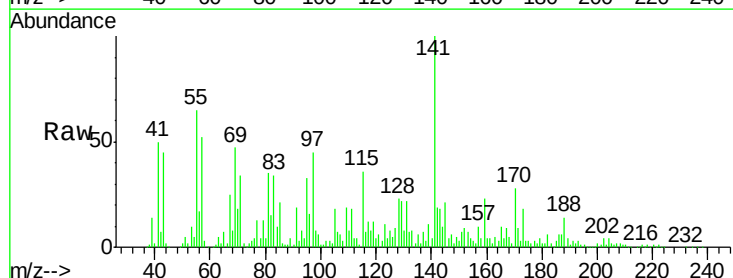
Tgt Ion:184 Resp: 1421

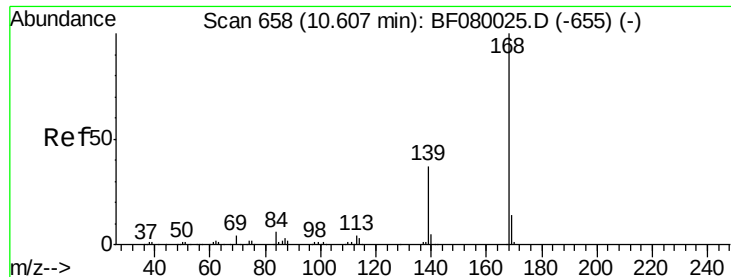
Ion Ratio Lower Upper

184 100

63 1854.2 35.4 53.2#

154 1283.3 32.2 48.4#





#54

Dibenzofuran

Concen: 14.30 ng

RT: 10.63 min Scan# 660

Delta R.T. 0.02 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

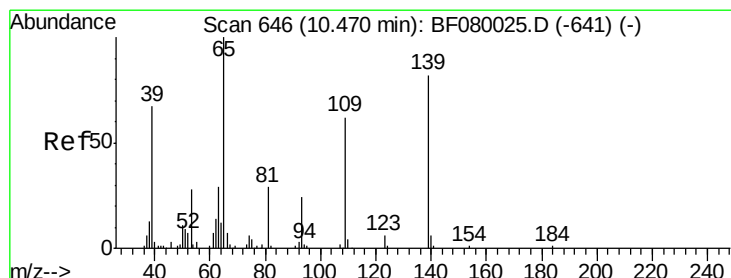
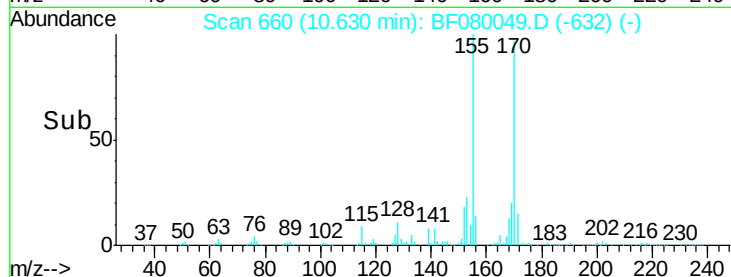
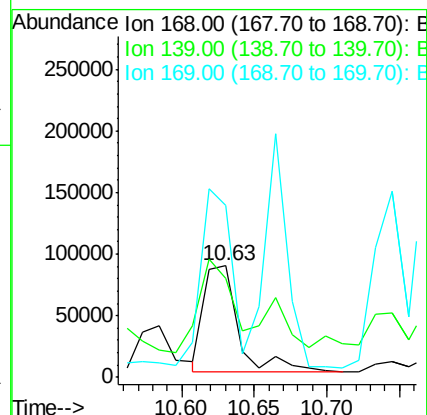
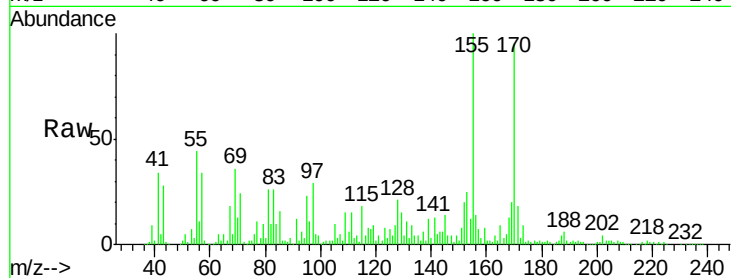
Tgt Ion:168 Resp: 142666

Ion Ratio Lower Upper

168 100

139 88.6 24.2 36.2#

169 154.8 10.6 15.8#



#55

4-Nitrophenol

Concen: 99.10 ng

RT: 10.53 min Scan# 651

Delta R.T. 0.05 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

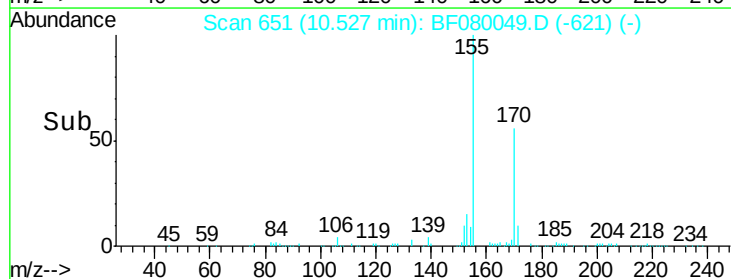
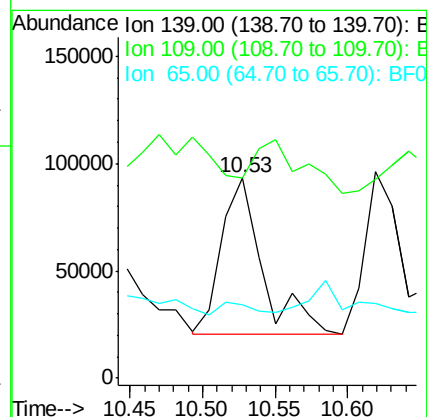
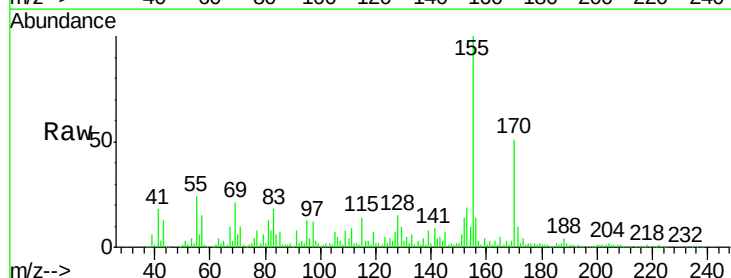
Tgt Ion:139 Resp: 143712

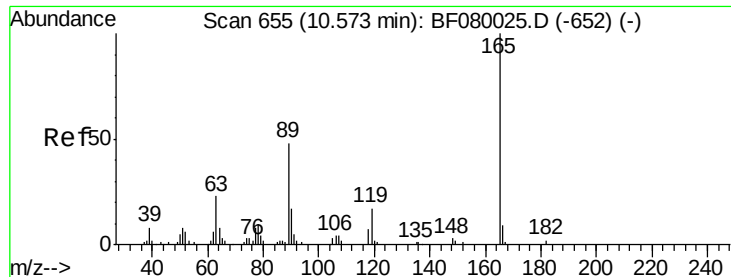
Ion Ratio Lower Upper

139 100

109 99.9 12.7 52.7#

65 36.4 45.9 85.9#





#56

2,4-Dinitrotoluene

Concen: 11.59 ng

RT: 10.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampled :

W1

Tgt Ion:165 Resp: 23134

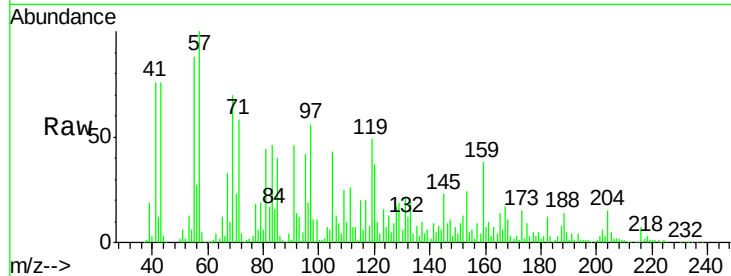
Ion Ratio Lower Upper

165 100

63 30.5 29.8 44.6

89 31.3 44.5 66.7#

182 90.1 3.0 4.4#

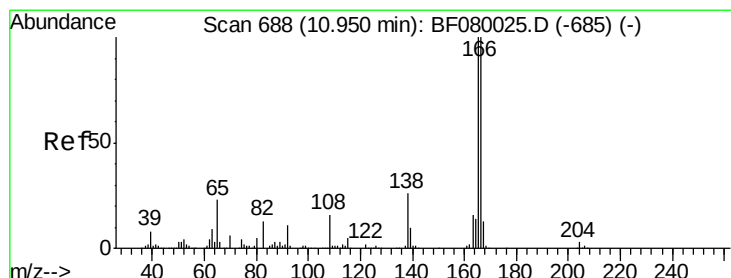
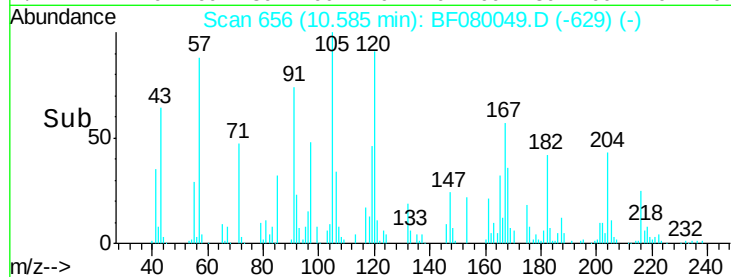
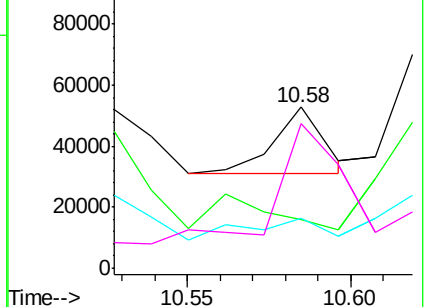


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 42.80 ng

RT: 10.97 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

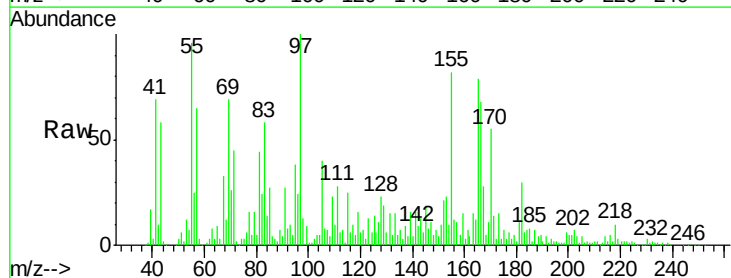
Tgt Ion:166 Resp: 338883

Ion Ratio Lower Upper

166 100

165 117.0 72.6 109.0#

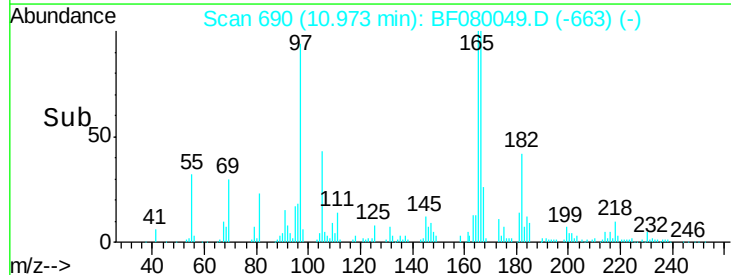
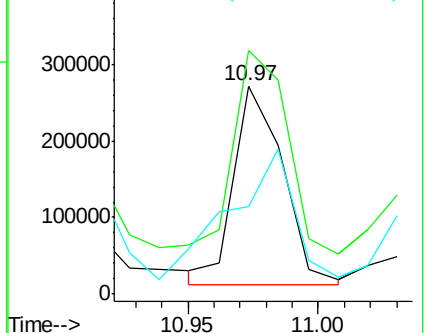
167 41.9 10.6 16.0#

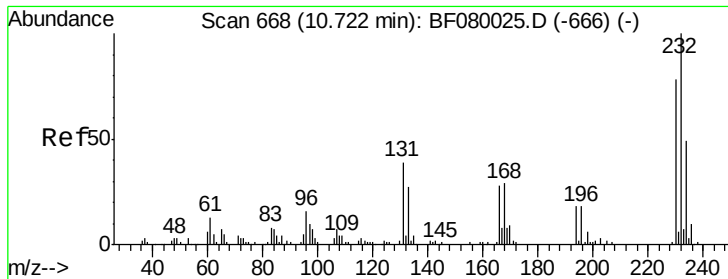


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

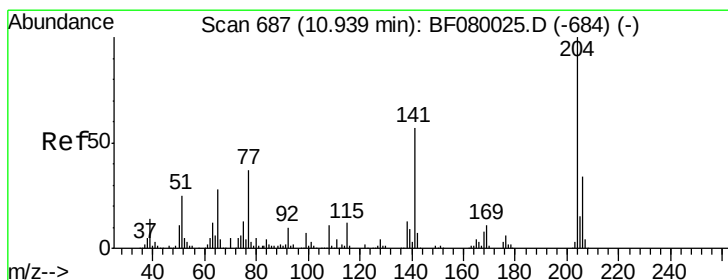
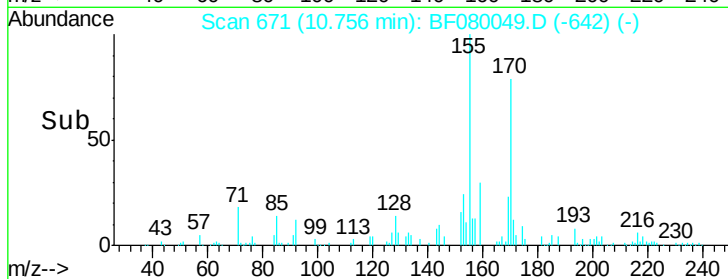
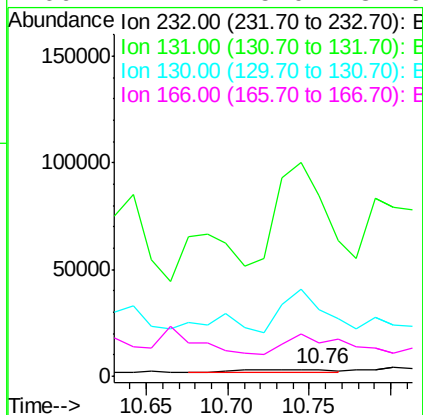
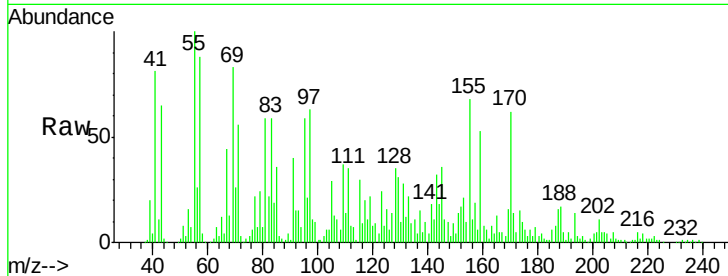




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.71 ng
 RT: 10.76 min Scan# 671
 Delta R.T. 0.03 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

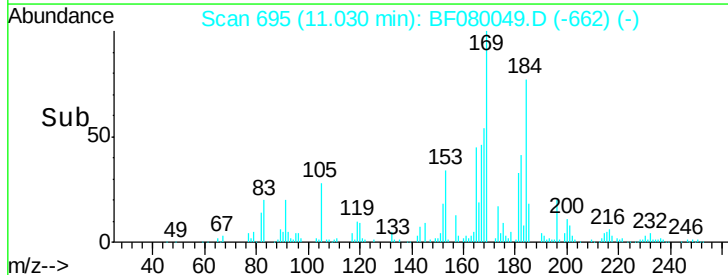
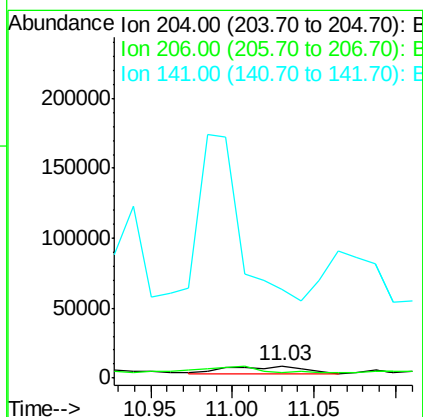
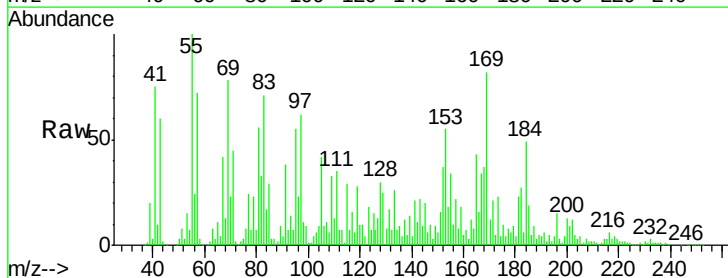
Instrument :
 BNA_F
 ClientSampleId :
 W1

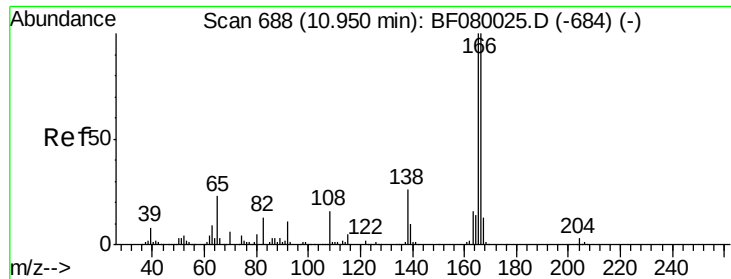
Tgt Ion: 232 Resp: 5437
 Ion Ratio Lower Upper
 232 100
 131 1819.5 38.5 57.7#
 130 674.4 1.8 2.6#
 166 417.1 25.0 37.6#



#60
 4-Chlorophenyl-phenylether
 Concen: 4.64 ng
 RT: 11.03 min Scan# 695
 Delta R.T. 0.08 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

Tgt Ion: 204 Resp: 17665
 Ion Ratio Lower Upper
 204 100
 206 47.4 24.8 37.2#
 141 707.5 42.2 63.4#





#61

4-Nitroaniline

Concen: 10.80 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.07 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

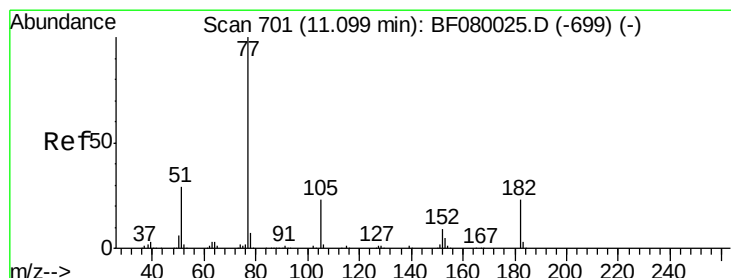
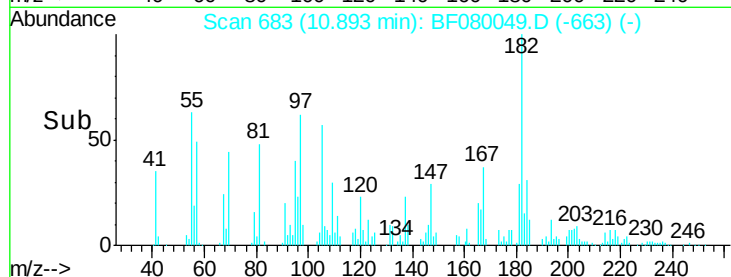
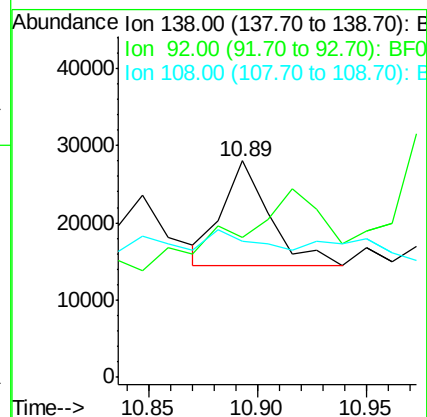
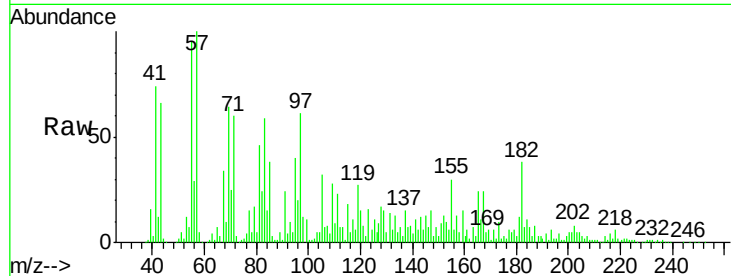
Tgt Ion:138 Resp: 20236

Ion Ratio Lower Upper

138 100

92 64.5 12.6 52.6#

108 63.0 12.4 52.4#



#62

Azobenzene

Concen: 4.96 ng

RT: 11.12 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Tgt Ion: 77 Resp: 39854

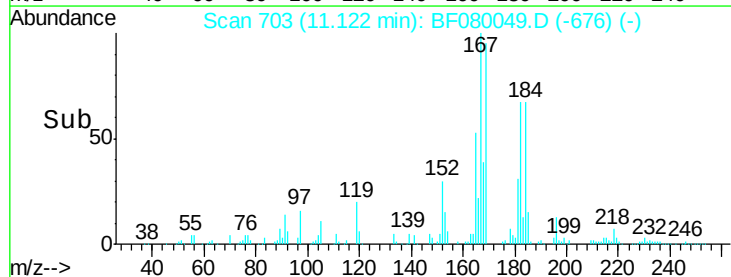
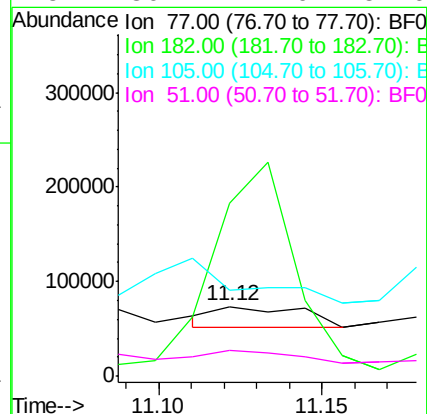
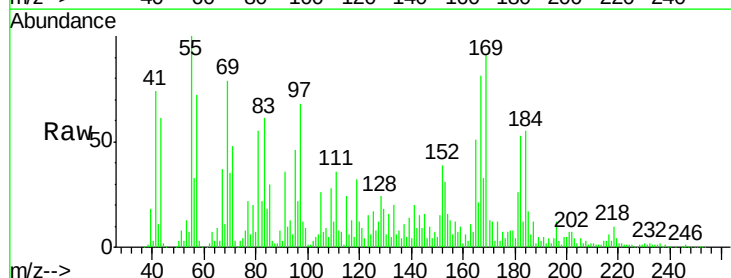
Ion Ratio Lower Upper

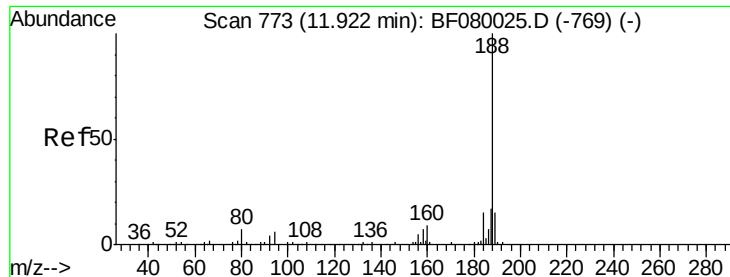
77 100

182 247.7 15.1 55.1#

105 122.5 3.4 43.4#

51 36.4 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.96 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

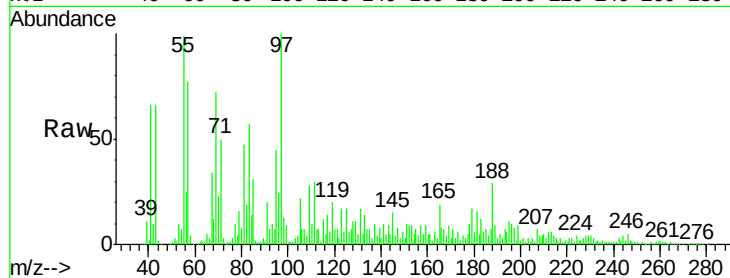
Tgt Ion:188 Resp: 113573

Ion Ratio Lower Upper

188 100

94 25.0 11.1 16.7#

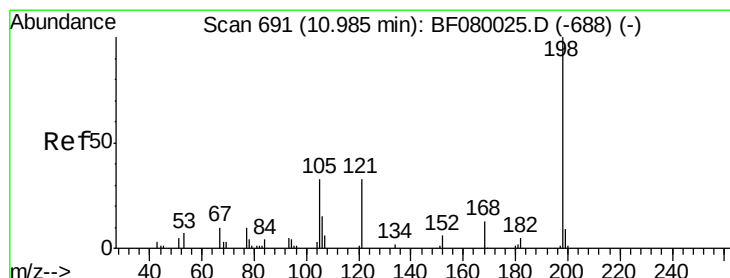
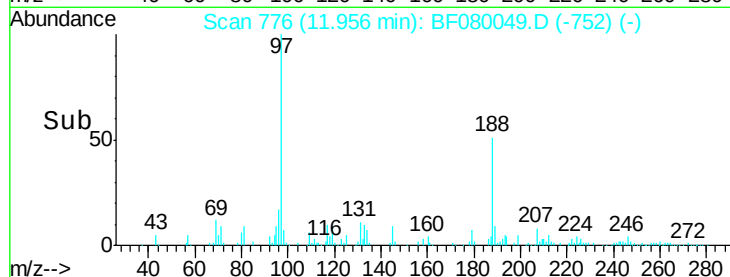
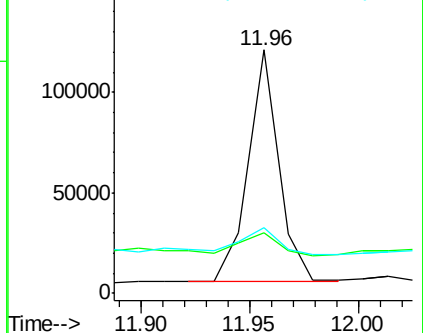
80 26.7 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.16 ng

RT: 10.97 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

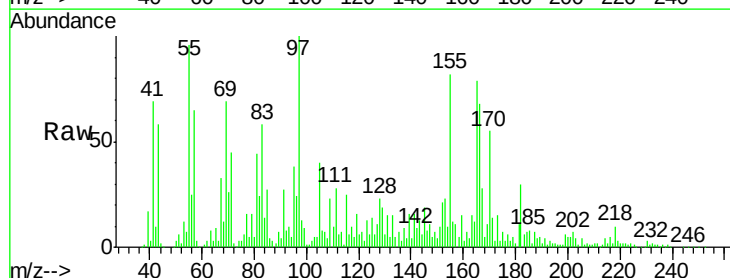
Tgt Ion:198 Resp: 13322

Ion Ratio Lower Upper

198 100

51 449.0 39.6 79.6#

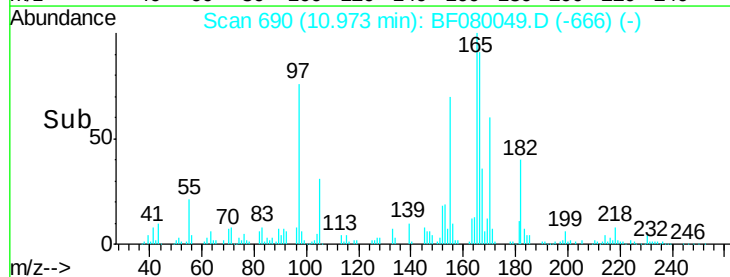
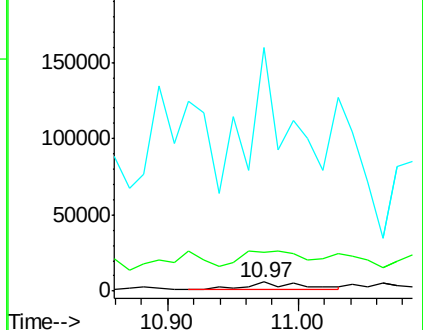
105 2776.6 28.5 68.5#

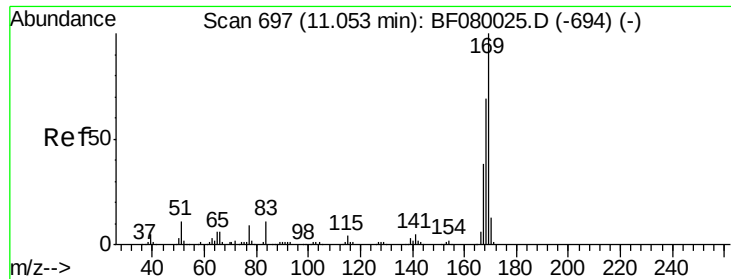


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 130.19 ng

RT: 11.03 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

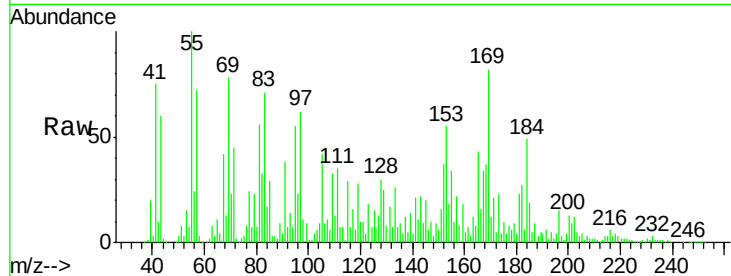
Tgt Ion:169 Resp: 481463

Ion Ratio Lower Upper

169 100

168 44.7 48.9 73.3#

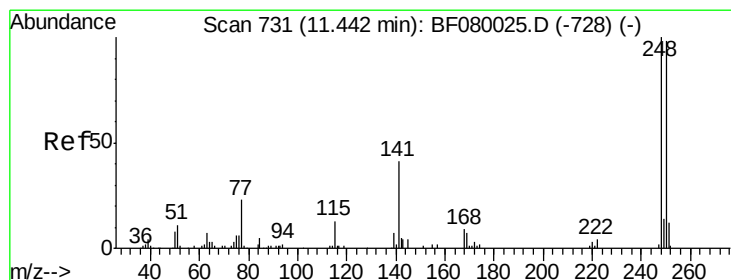
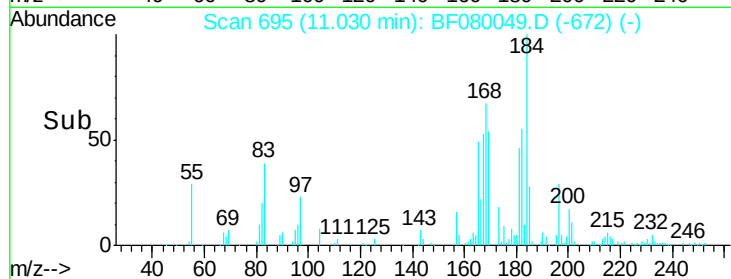
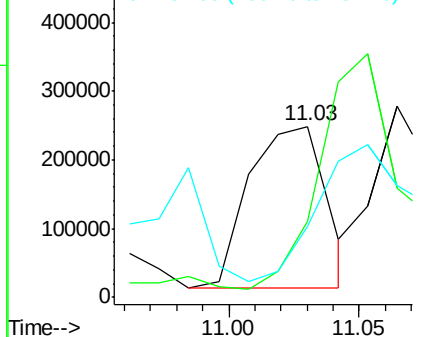
167 41.2 26.2 39.4#



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



#66

4-Bromophenyl-phenylether

Concen: 6.02 ng

RT: 11.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

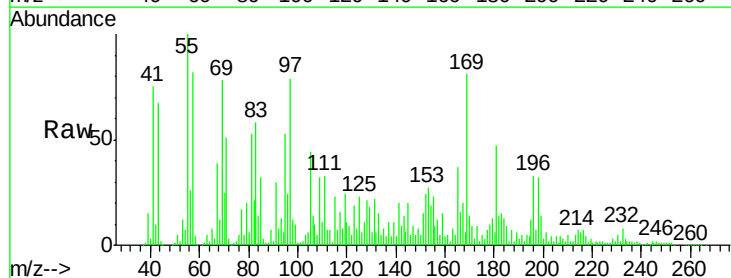
Tgt Ion:248 Resp: 7275

Ion Ratio Lower Upper

248 100

250 103.2 78.5 117.7

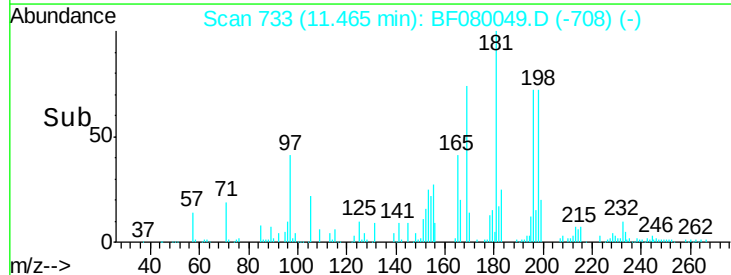
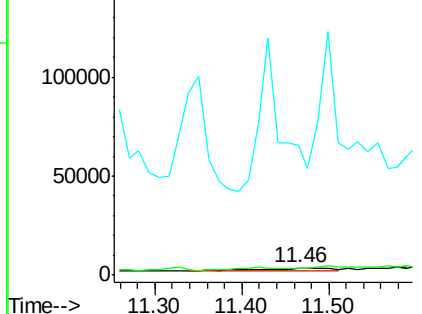
141 1832.8 59.0 88.6#

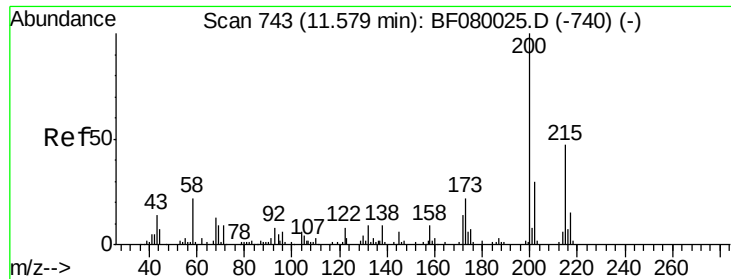


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Atrazine

Concen: 9.28 ng

RT: 11.60 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

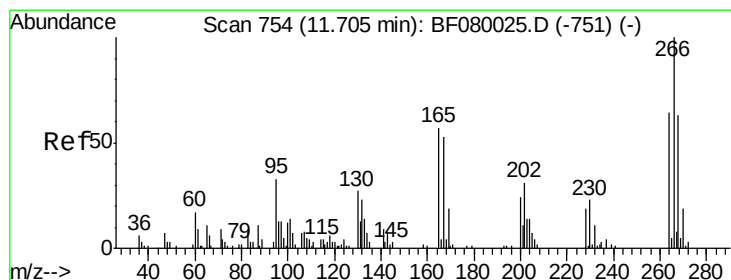
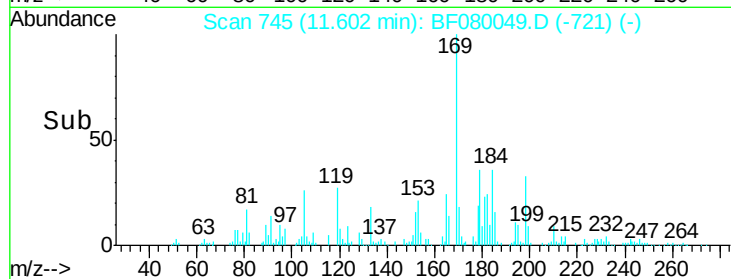
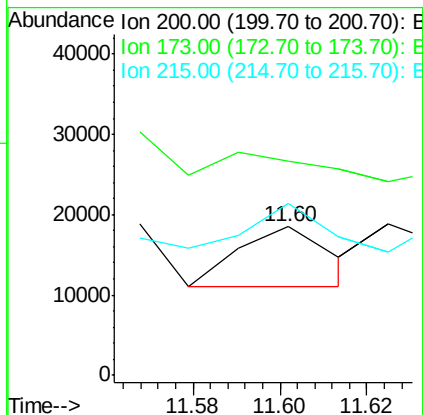
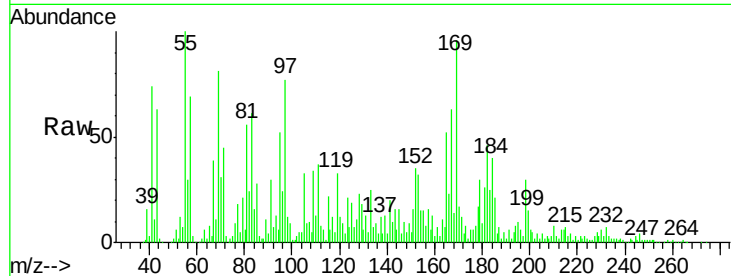
Tgt Ion:200 Resp: 10848

Ion Ratio Lower Upper

200 100

173 143.7 13.2 53.2#

215 115.8 41.8 81.8#



#69

Pentachlorophenol

Concen: 5.14 ng

RT: 11.77 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

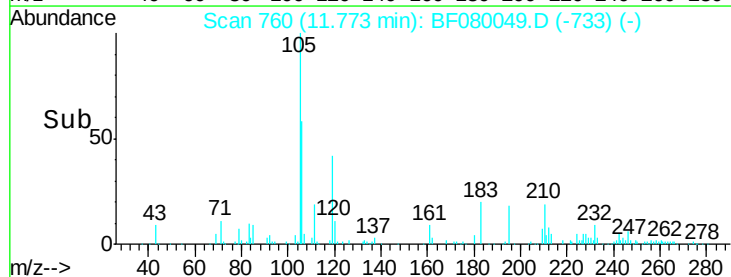
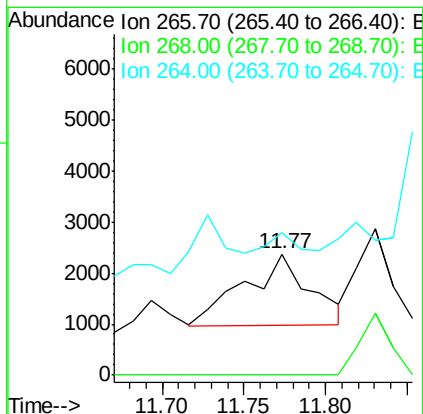
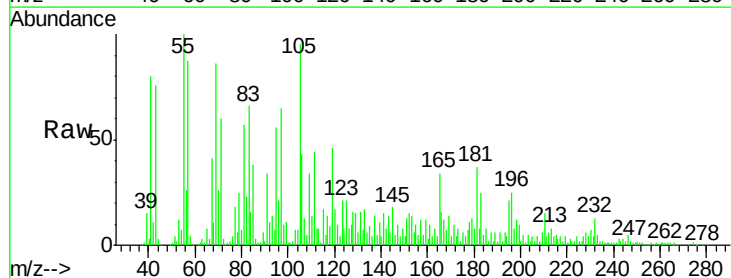
Tgt Ion:266 Resp: 3909

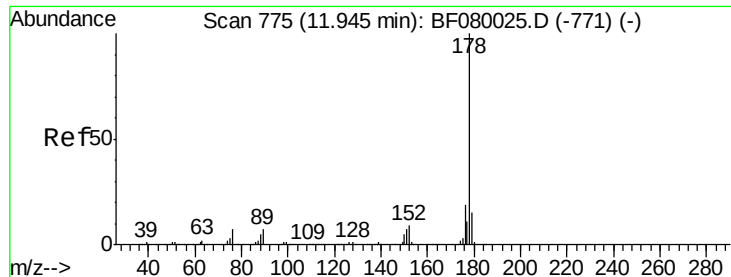
Ion Ratio Lower Upper

266 100

268 0.0 49.8 74.6#

264 118.1 50.2 75.2#





#70

Phenanthrene

Concen: 182.99 ng

RT: 11.98 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

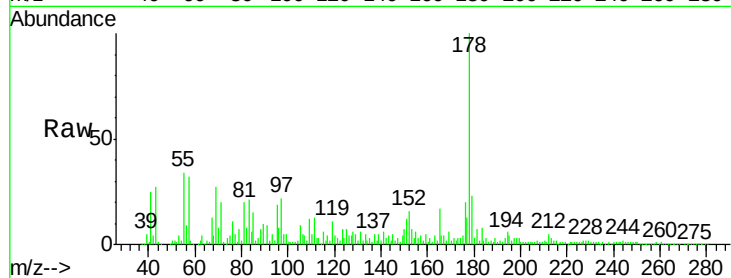
Tgt Ion:178 Resp: 1258240

Ion Ratio Lower Upper

178 100

176 20.3 13.8 20.8

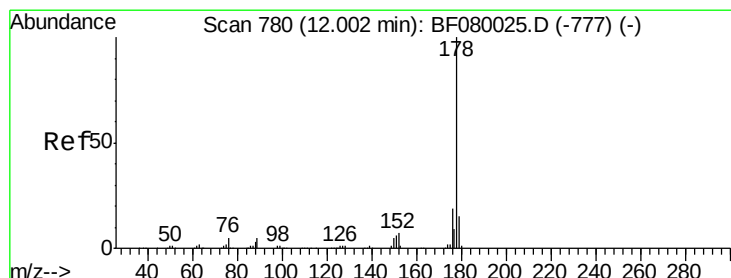
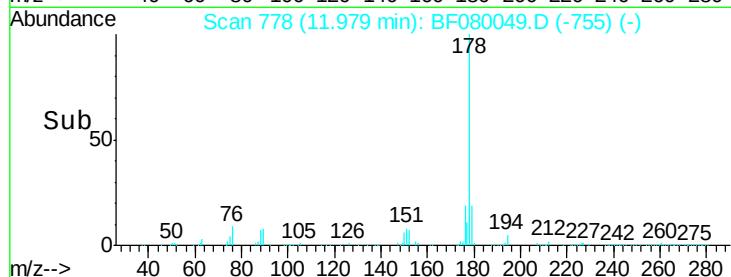
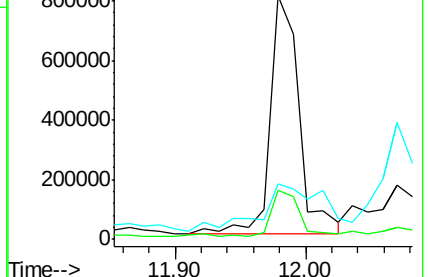
179 22.8 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.72 ng

RT: 12.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

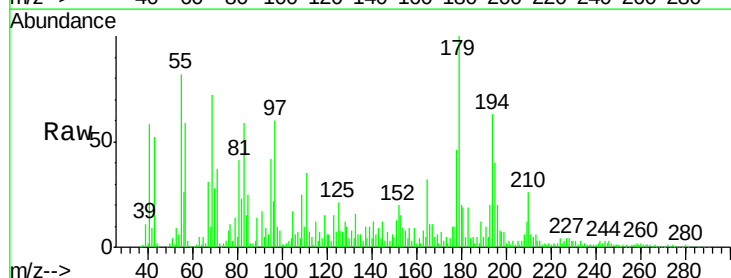
Tgt Ion:178 Resp: 269582

Ion Ratio Lower Upper

178 100

176 21.3 14.1 21.1#

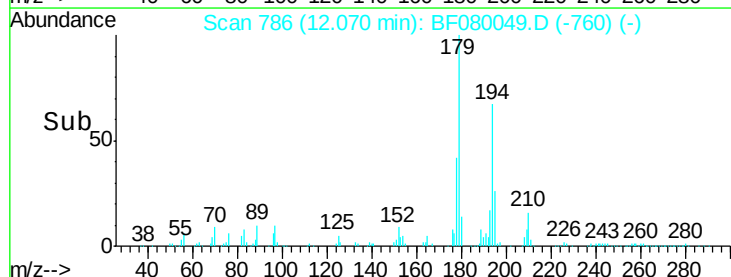
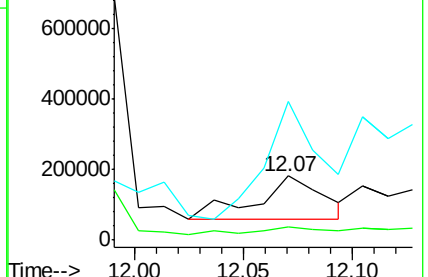
179 216.9 12.2 18.2#

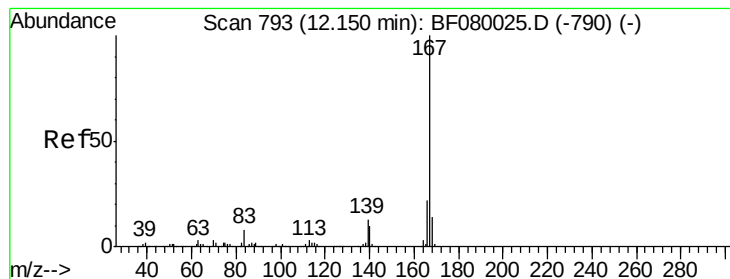


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.83 ng

RT: 12.24 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

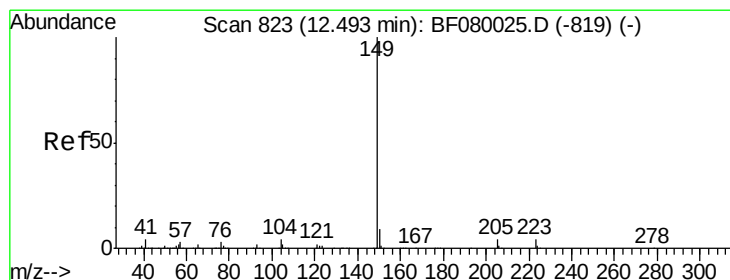
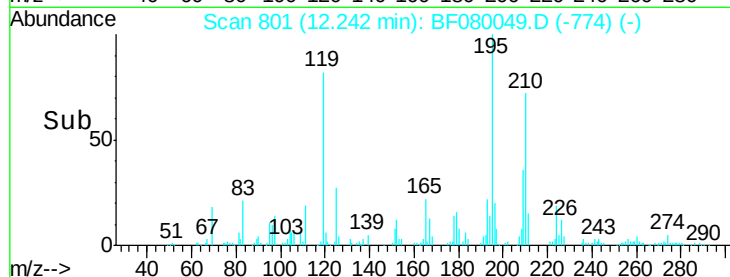
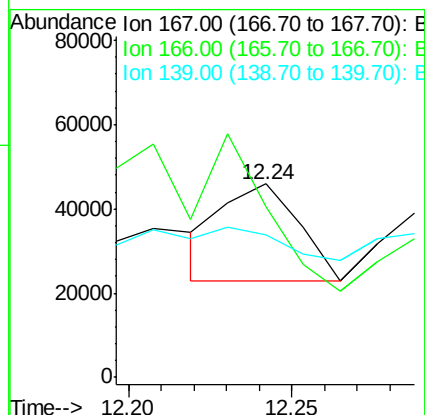
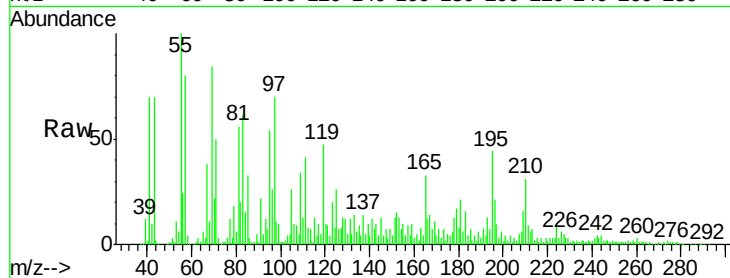
Tgt Ion:167 Resp: 36866

Ion Ratio Lower Upper

167 100

166 88.5 15.7 23.5#

139 74.0 9.5 14.3#



#73

Di-n-butylphthalate

Concen: 3.52 ng

RT: 12.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

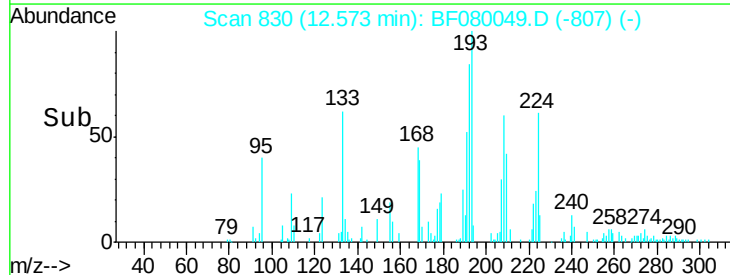
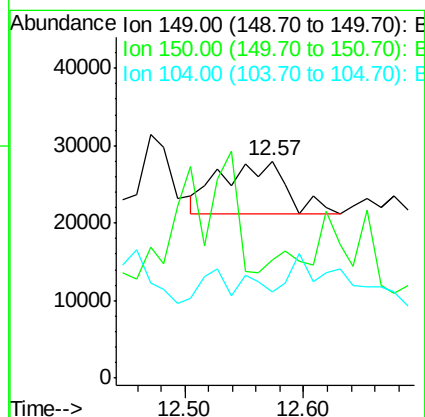
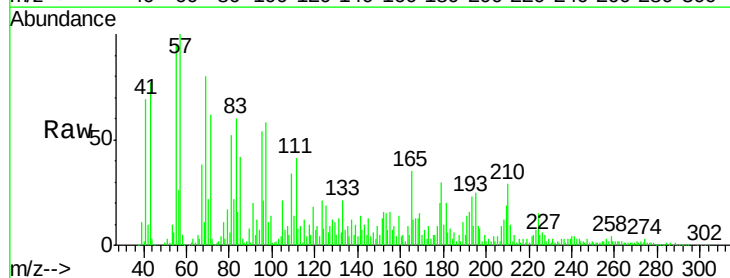
Tgt Ion:149 Resp: 25685

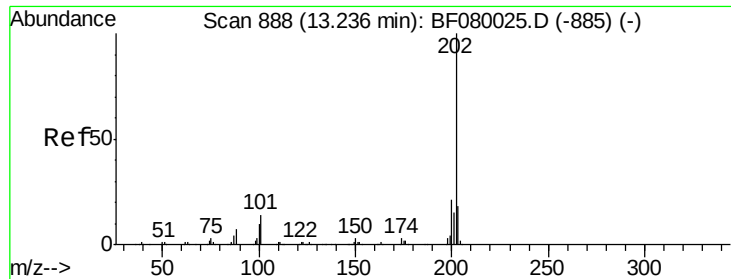
Ion Ratio Lower Upper

149 100

150 54.4 7.4 11.2#

104 39.5 2.4 3.6#

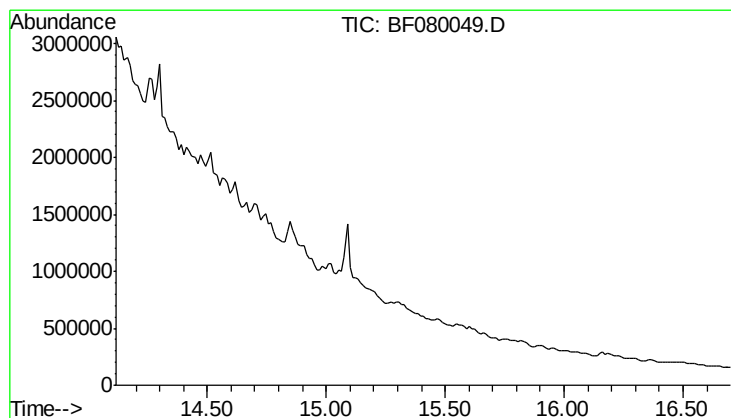
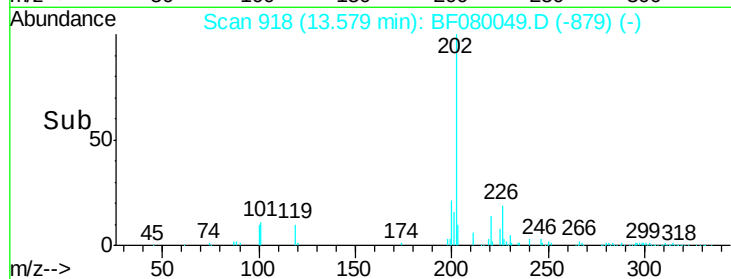
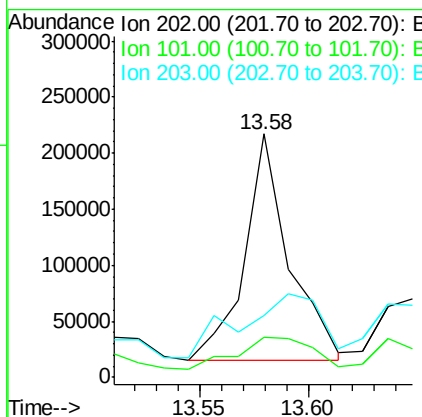
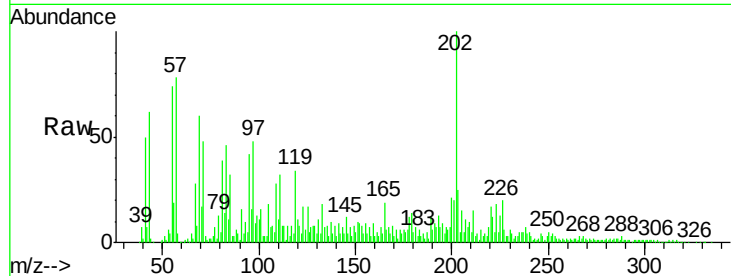




#74
 Fluoranthene
 Concen: 39.55 ng
 RT: 13.58 min Scan# 918
 Delta R.T. 0.15 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

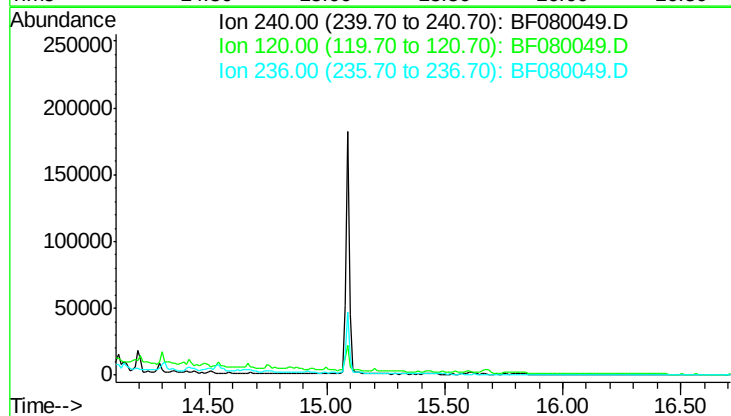
Instrument :
 BNA_F
 ClientSampleId :
 W1

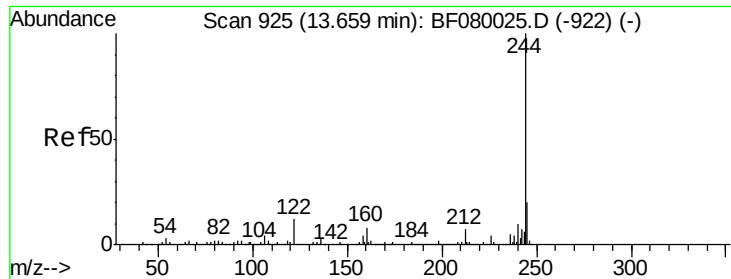
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	38.3
203	25.3	0.0	37.3



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.41 min
 Lab File: BF080049.D
 Acq: 18 Jun 2015 17:04

Tgt Ion	Sig	Exp Ratio
240	100	
120	20.2	
236	23.0	





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.74 min Scan# 932

Delta R.T. -0.17 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Instrument :

BNA_F

ClientSampleId :

W1

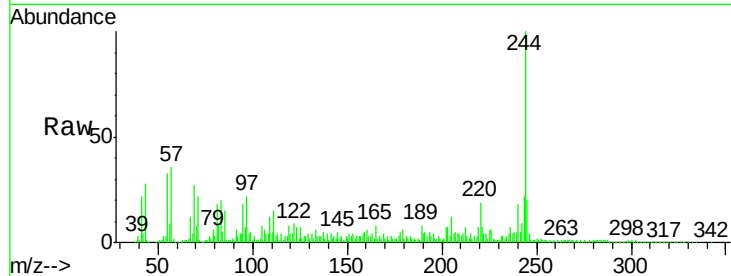
Tgt Ion: 244 Resp: 583820

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

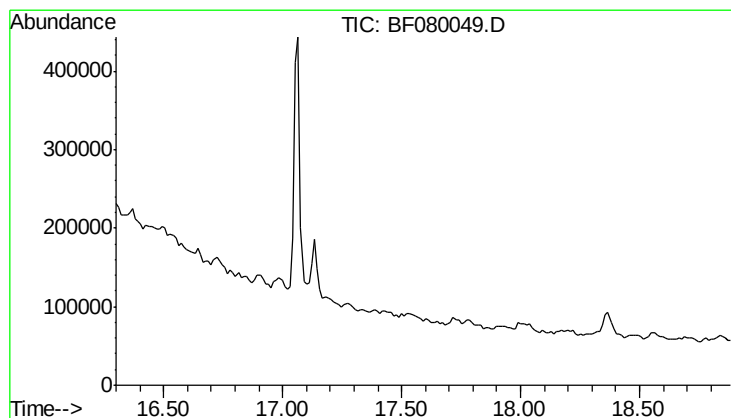
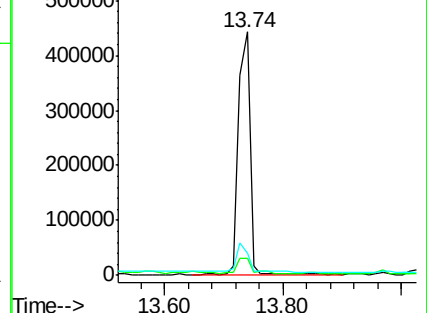
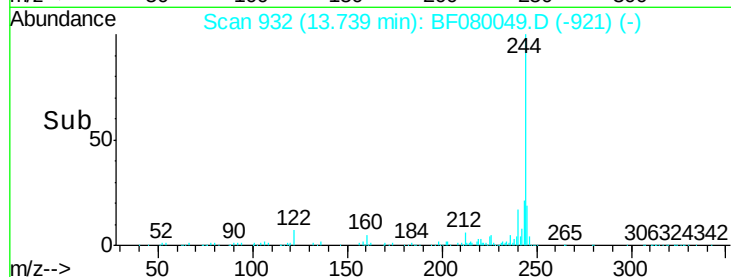
122 9.1 17.4 26.2#



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: 0.00 ng

Expected RT: 17.59 min

Lab File: BF080049.D

Acq: 18 Jun 2015 17:04

Tgt Ion: 264

Sig Exp Ratio

264 100

260 20.9

265 21.5

