

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080672.D
 Acq On : 27 Jul 2015 15:06
 Operator : TP/UM
 Sample : G3069-02DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA(2)DL

Quant Time: Jul 27 15:49:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	21263	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	68100	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	26316	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	33816	20.00	ng	-0.01
75) Chrysene-d12	14.35	240	21741	20.00	ng	0.19
86) Perylene-d12	16.11	264	12349	20.00	ng	0.38

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	49226	38.98	ng	0.00
7) Phenol-d6	6.53	99	60658	40.22	ng	-0.01
23) Nitrobenzene-d5	7.48	82	34622	25.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	6629	28.04	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	47164	27.65	ng	-0.01
78) Terphenyl-d14	13.13	244	24390	24.16	ng	0.07

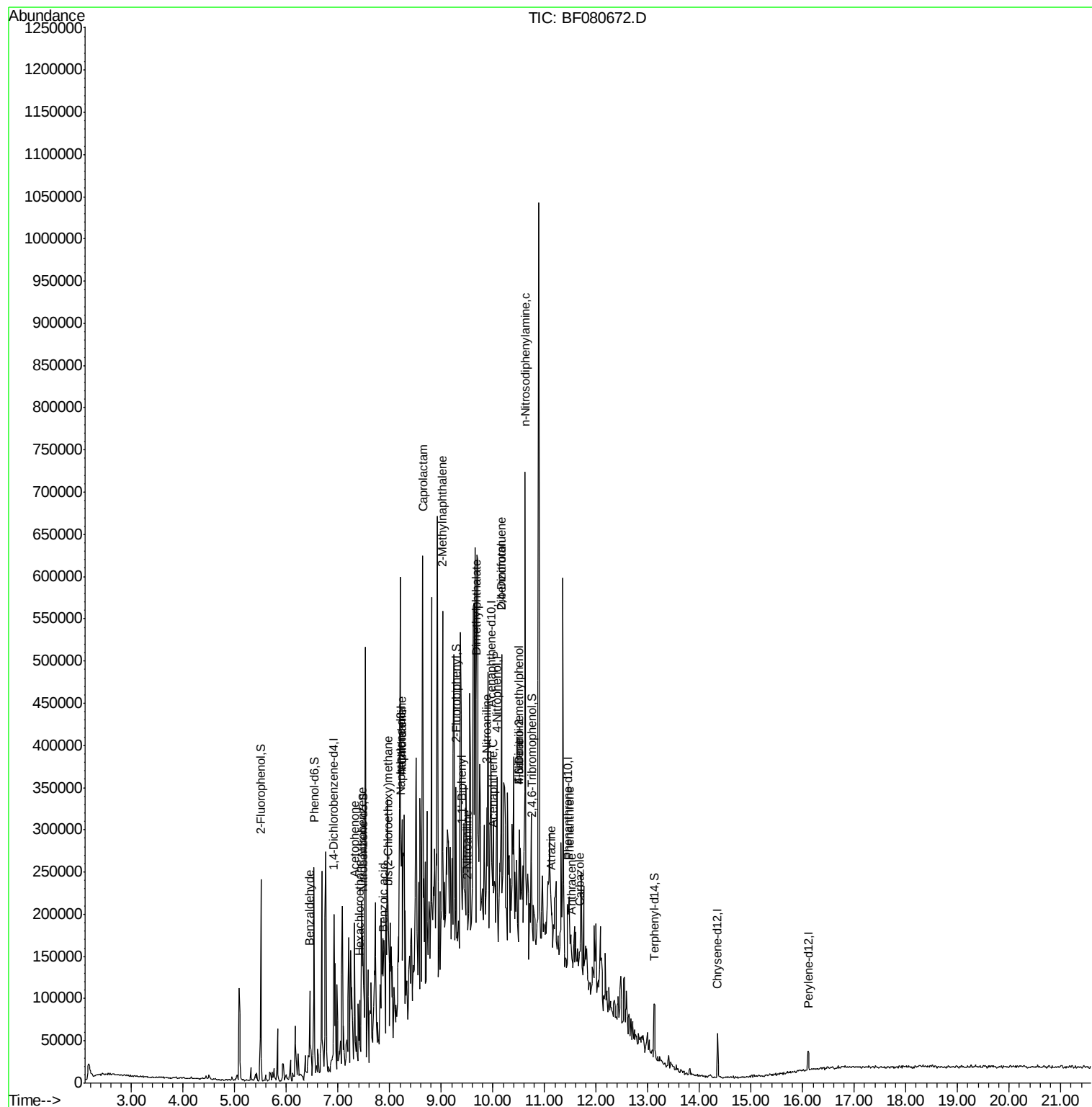
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	2885	2.93	ng	# 1
18) Hexachloroethane	7.41	117	3806	6.27	ng	# 1
22) Acetophenone	7.32	105	15017	8.49	ng	# 42
24) Nitrobenzene	7.46	77	4664	3.45	ng	# 31
28) bis(2-Chloroethoxy)methane	7.97	93	2997	2.17	ng	# 1
31) Naphthalene	8.24	128	67920	19.90	ng	# 94
32) Benzoic acid	7.87	122	370	7.00	ng	# 1
33) 4-Chloroaniline	8.24	127	15696	10.47	ng	# 40
35) Caprolactam	8.64	113	9223	34.18	ng	# 1
37) 2-Methylnaphthalene	9.02	142	88549	36.41	ng	93
45) 1,1'-Biphenyl	9.39	154	12213	6.64	ng	92
47) 2-Nitroaniline	9.50	65	953	2.02	ng	# 49
49) Dimethylphthalate	9.68	163	7687	4.08	ng	# 75
51) Acenaphthene	10.00	154	7924	5.01	ng	95
52) 3-Nitroaniline	9.88	138	1212	3.03	ng	# 41
54) Dibenzofuran	10.17	168	7688	3.41	ng	# 1
55) 4-Nitrophenol	10.08	139	5418	17.17	ng	# 69
56) 2,4-Dinitrotoluene	10.17	165	4070	9.16	ng	# 58
57) Fluorene	10.51	166	12679	7.14	ng	# 77
61) 4-Nitroaniline	10.51	138	1934	4.97	ng	# 57
64) 4,6-Dinitro-2-methylphenol	10.51	198	221	7.43	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	24520	23.66	ng	# 56
68) Atrazine	11.13	200	670	2.22	ng	# 1
70) Phenanthrene	11.48	178	36289	19.44	ng	# 96
71) Anthracene	11.53	178	5267	2.93	ng	# 68
72) Carbazole	11.69	167	3519	2.16	ng	# 1

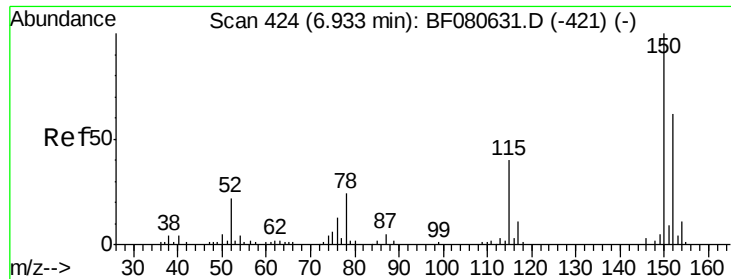
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampled :

SA(2)DL

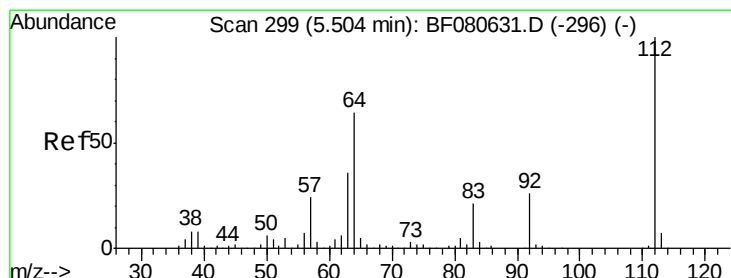
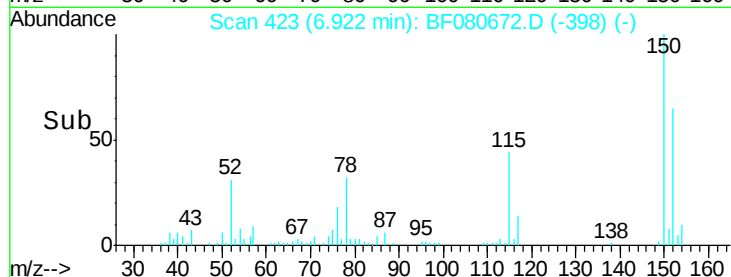
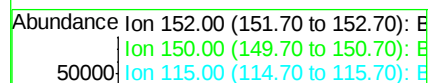
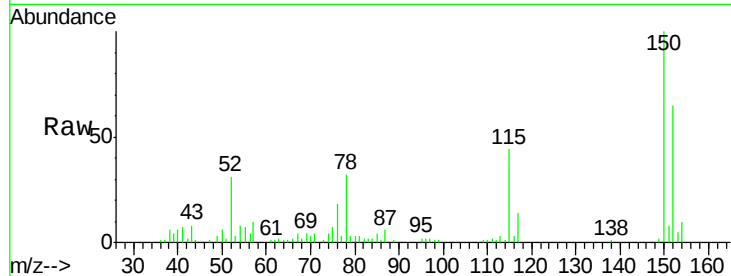
Tot Ion:152 Resp: 21263

Ion Ratio Lower Upper

152 100

150 154.8 128.9 193.3

115 67.7 51.0 76.6



#5

2-Fluorophenol

Concen: 38.98 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

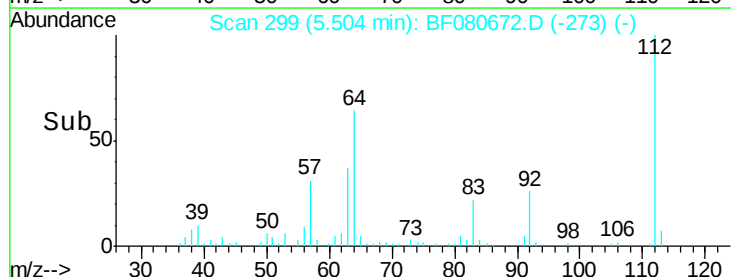
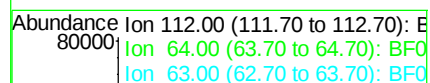
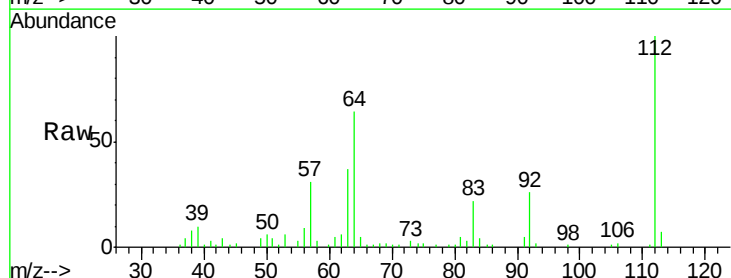
Tgt Ion:112 Resp: 49226

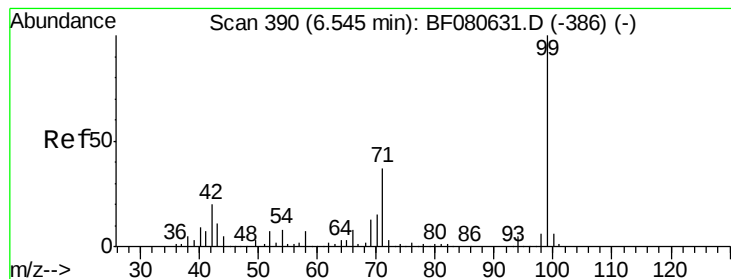
Ion Ratio Lower Upper

112 100

64 64.3 51.2 76.8

63 37.1 29.0 43.6





#7

Phenol-d6

Concen: 40.22 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

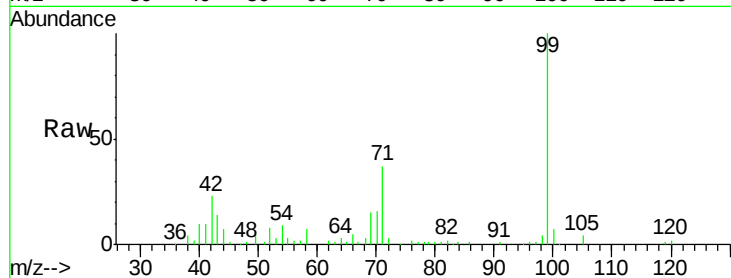
Tot Ion: 99 Resp: 60658

Ion Ratio Lower Upper

99 100

42 22.9 16.3 24.5

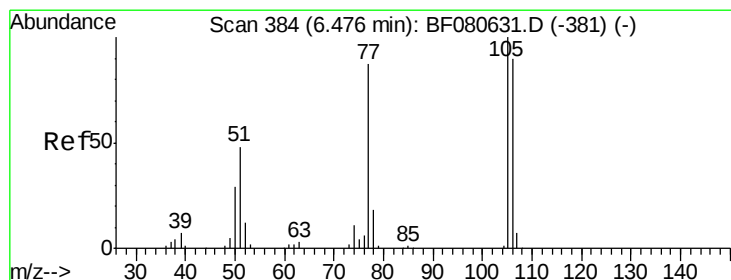
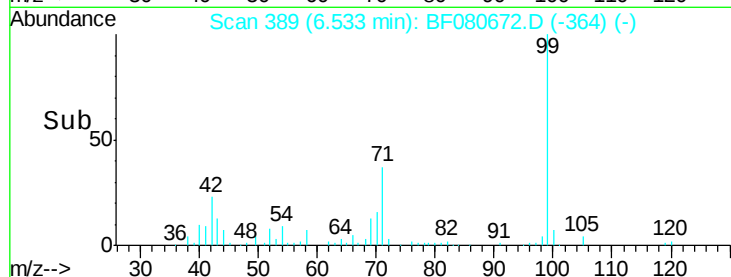
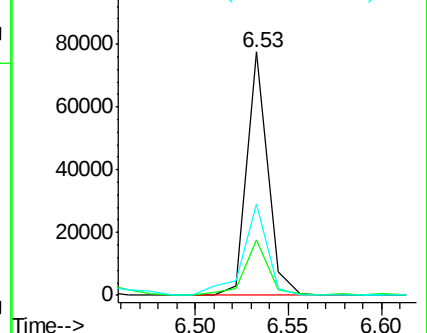
71 37.4 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.93 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

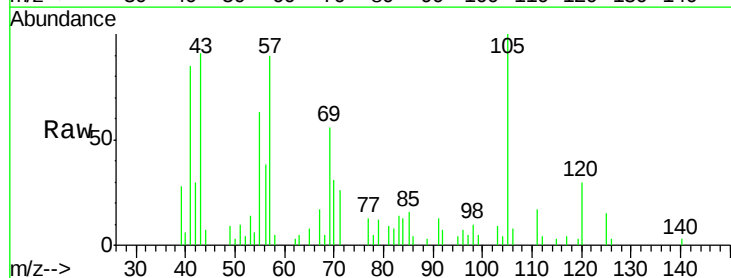
Tgt Ion: 77 Resp: 2885

Ion Ratio Lower Upper

77 100

105 795.1 94.7 134.7#

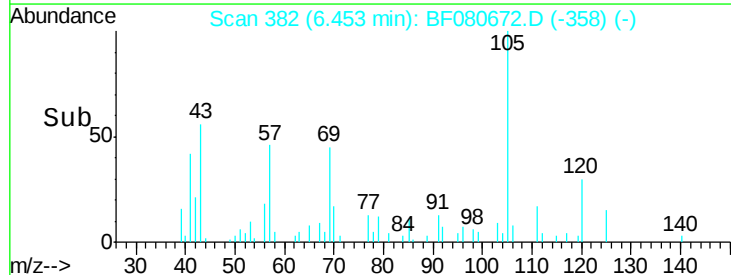
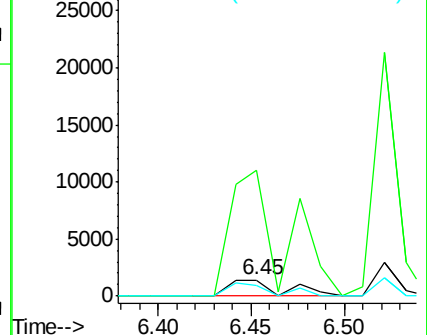
106 64.9 83.4 123.4#

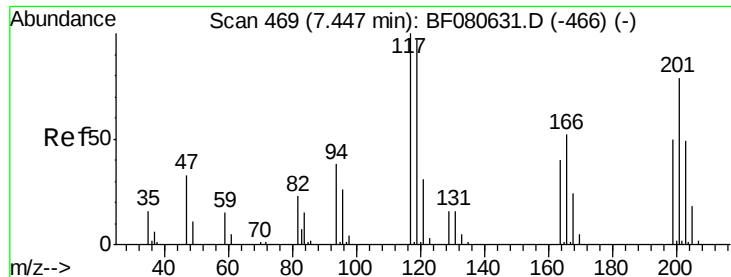


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

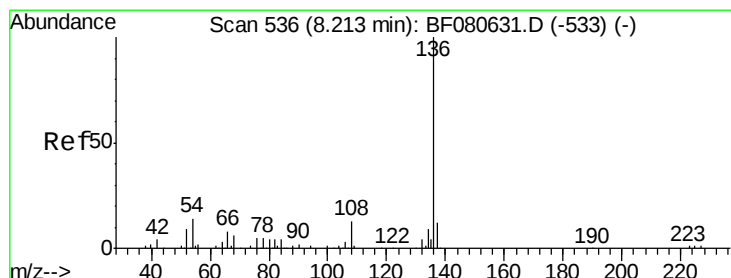
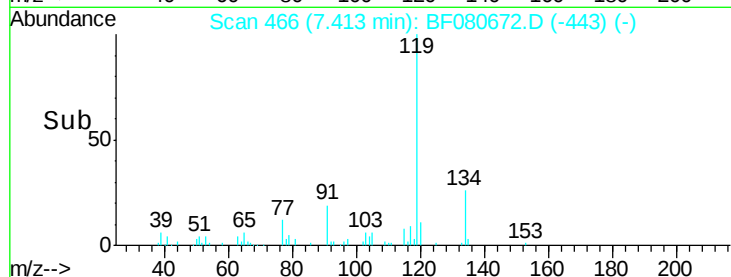
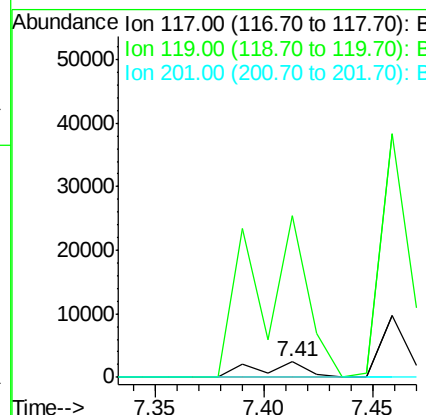
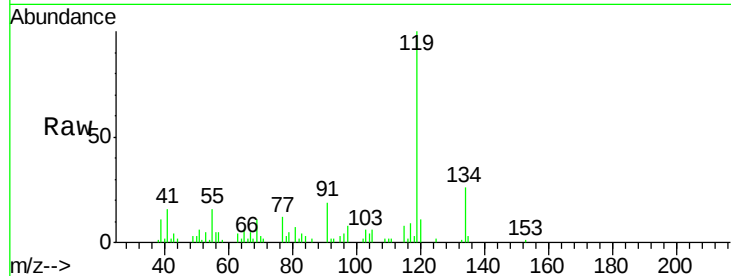




#18
Hexachloroethane
Concen: 6.27 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

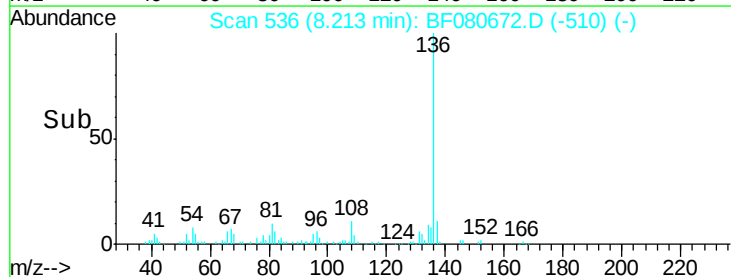
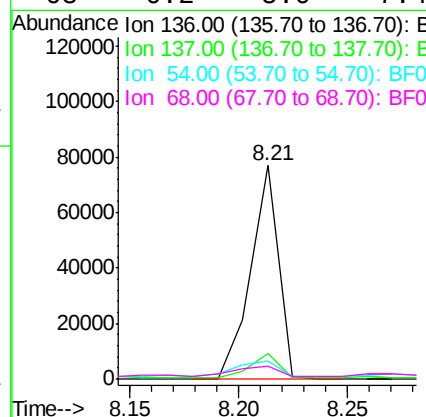
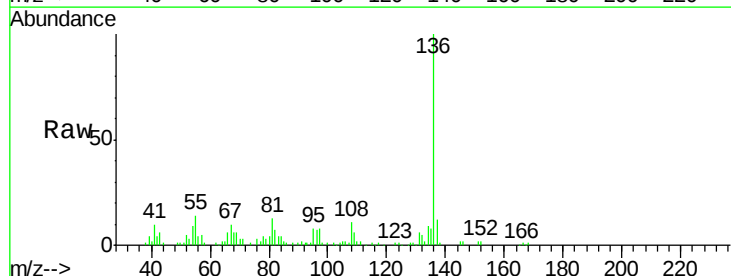
Instrument :
BNA_F
ClientSampleId :
SA(2)DL

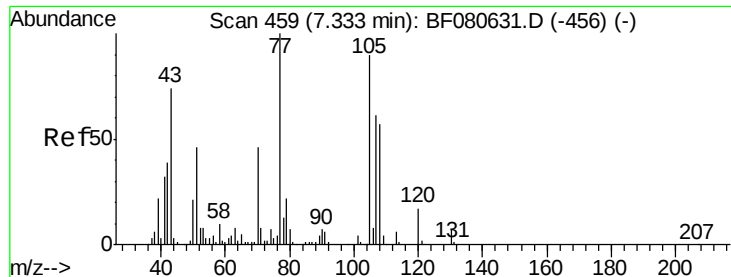
Tot Ion:117 Resp: 3806
Ion Ratio Lower Upper
117 100
119 1063.2 77.4 116.2#
201 0.0 62.9 94.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

Tgt Ion:136 Resp: 68100
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 8.5 11.6 17.4#
68 6.2 5.0 7.4





#22

Acetophenone

Concen: 8.49 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

Tot Ion:105 Resp: 15017

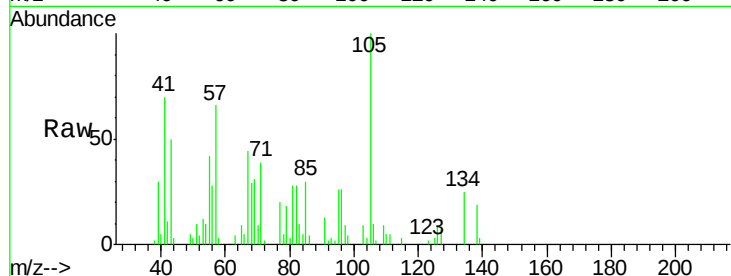
Ion Ratio Lower Upper

105 100

71 38.7 7.2 10.8#

51 9.9 40.8 61.2#

120 0.0 15.3 22.9#

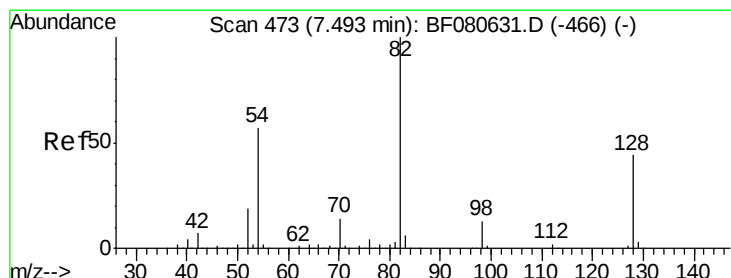
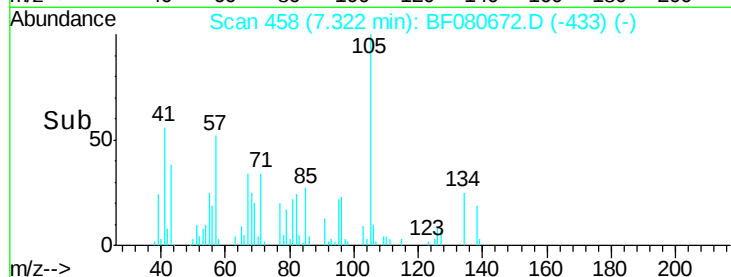
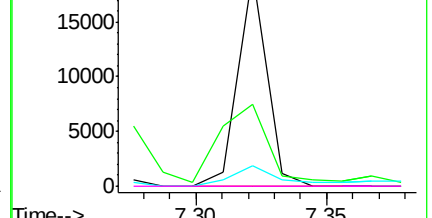


Abundance Ion 105.00 (104.70 to 105.70): E

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: 25.53 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

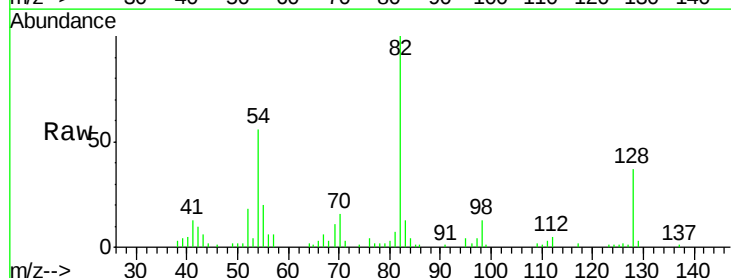
Tgt Ion: 82 Resp: 34622

Ion Ratio Lower Upper

82 100

128 36.8 34.8 52.2

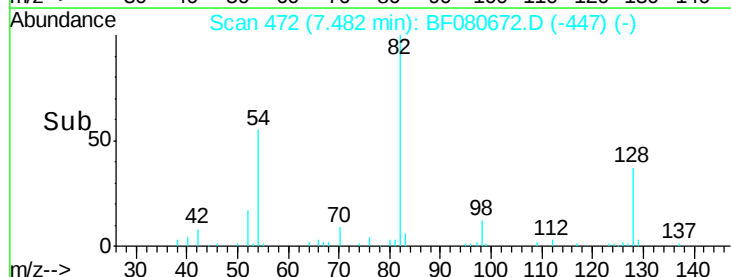
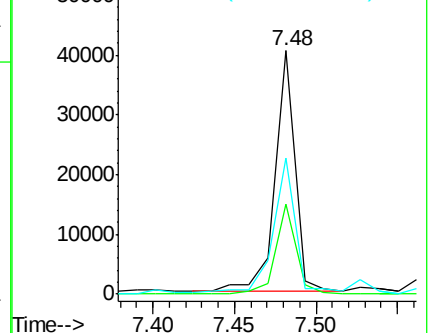
54 55.8 45.4 68.0

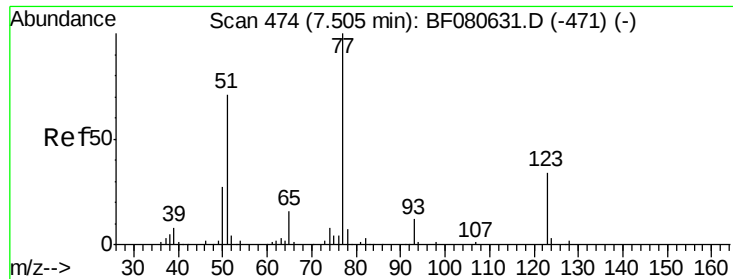


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

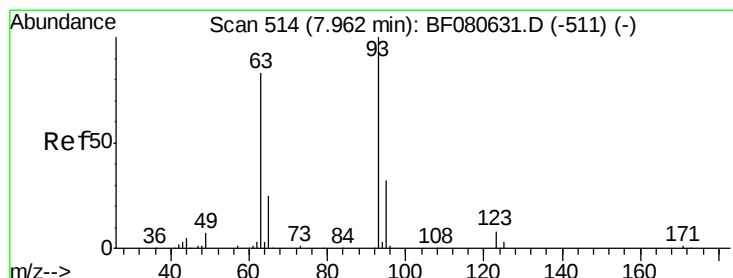
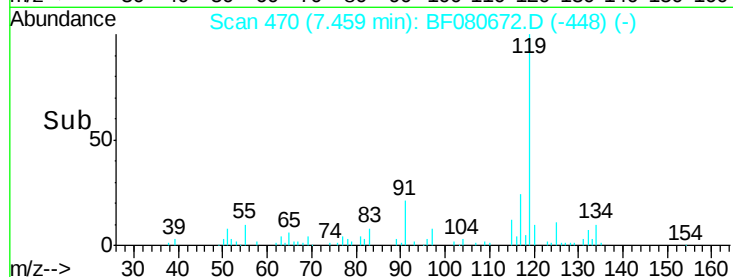
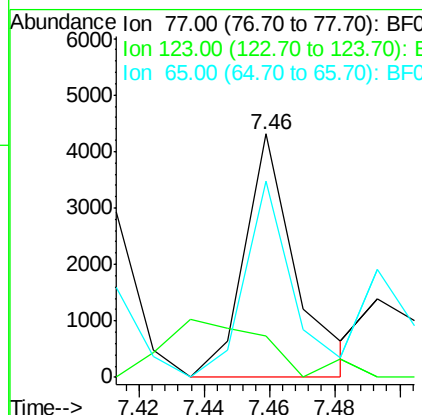
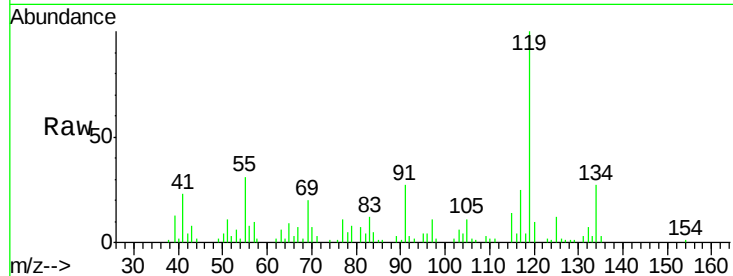




#24
Nitrobenzene
Concen: 3.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.05 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

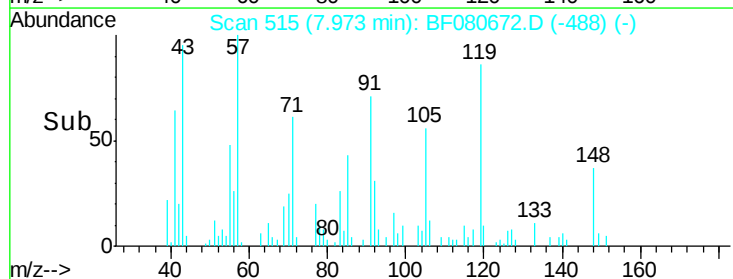
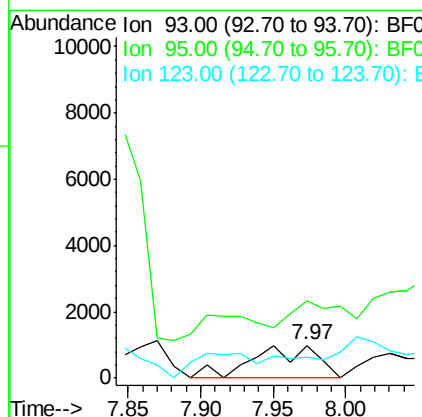
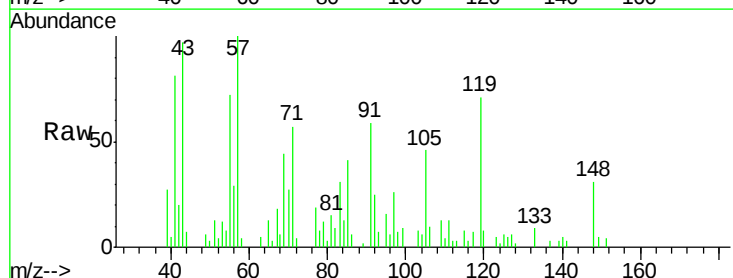
Instrument :
BNA_F
ClientSampled :
SA(2)DL

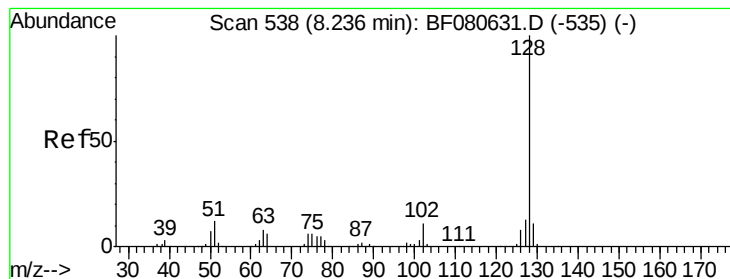
Tot Ion: 77 Resp: 4664
Ion Ratio Lower Upper
77 100
123 16.9 27.1 40.7#
65 80.4 12.6 18.8#



#28
bis(2-Chloroethoxy)methane
Concen: 2.17 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

Tgt Ion: 93 Resp: 2997
Ion Ratio Lower Upper
93 100
95 238.7 25.4 38.0#
123 66.1 7.2 10.8#





#31

Naphthalene

Concen: 19.90 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

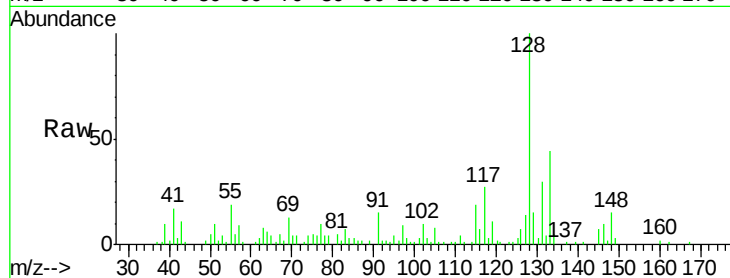
Tot Ion:128 Resp: 67920

Ion Ratio Lower Upper

128 100

129 15.4 9.0 13.6#

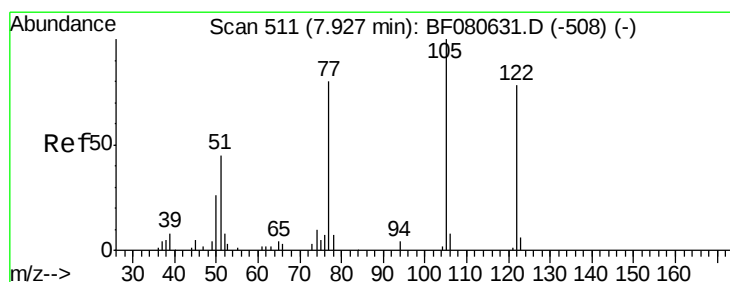
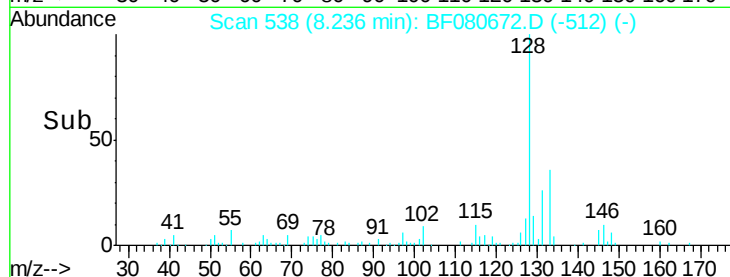
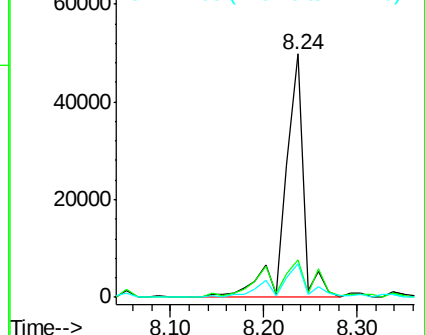
127 13.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.00 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

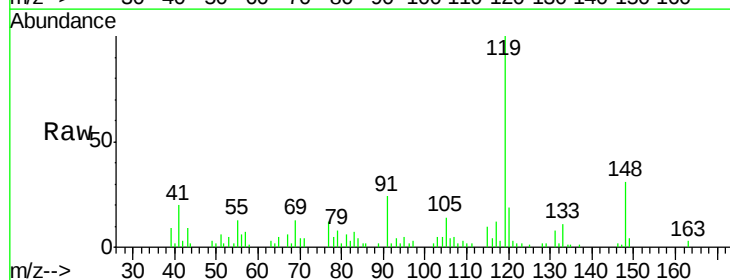
Tgt Ion:122 Resp: 370

Ion Ratio Lower Upper

122 100

105 652.1 107.9 147.9#

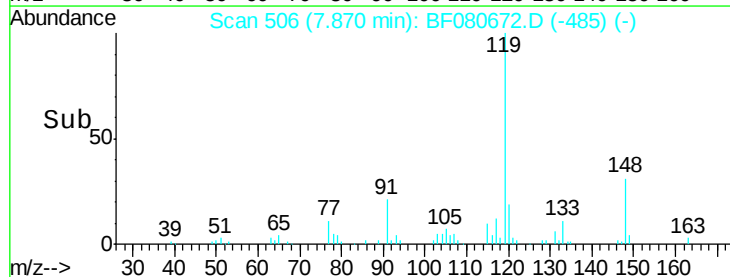
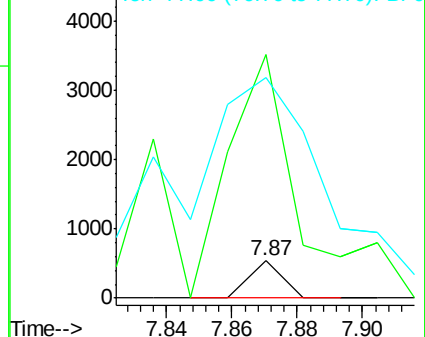
77 591.1 84.3 124.3#

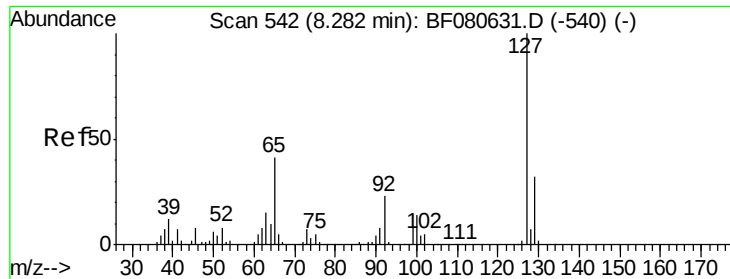


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

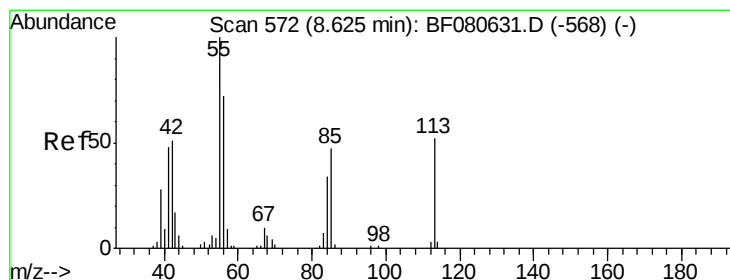
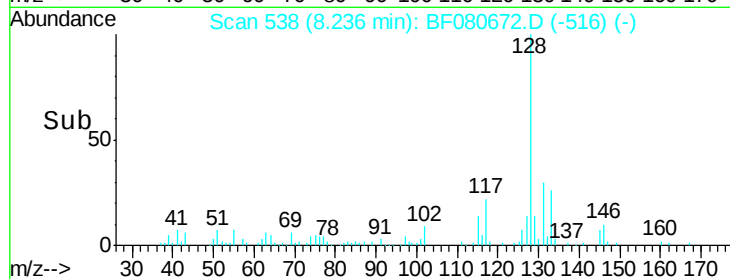
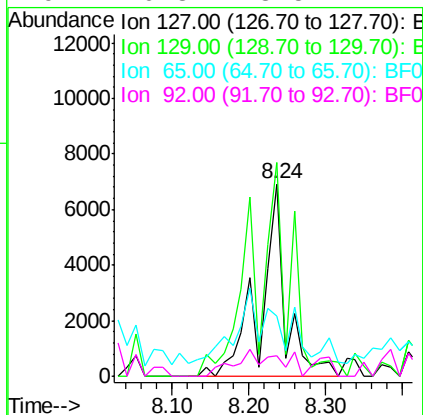
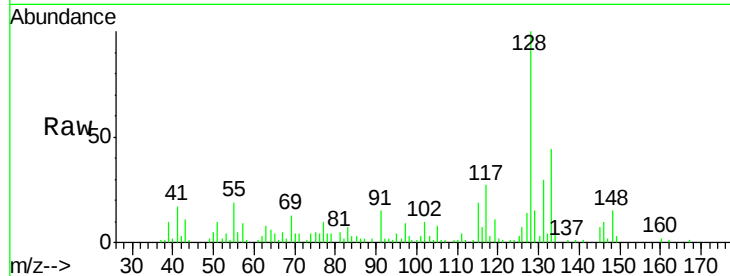




#33
 4-Chloroaniline
 Concen: 10.47 ng
 RT: 8.24 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

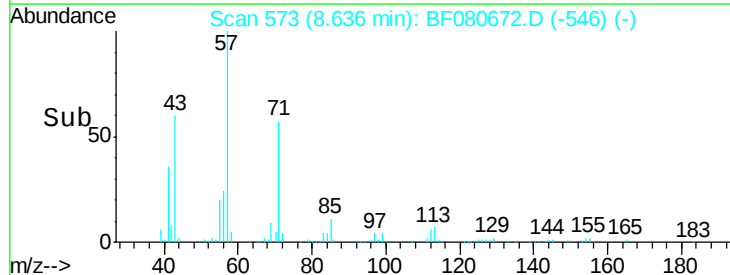
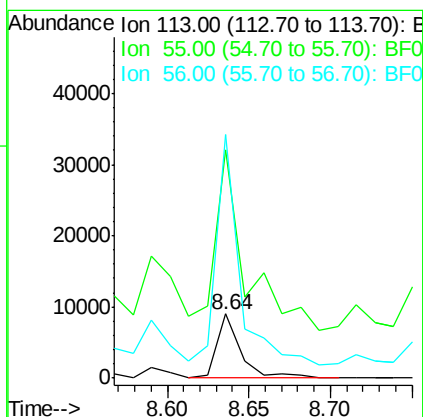
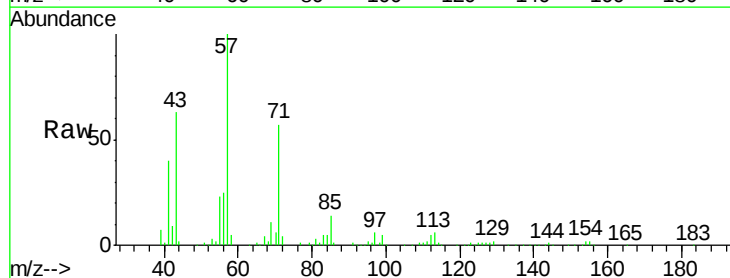
Instrument :
 BNA_F
 ClientSampleId :
 SA(2)DL

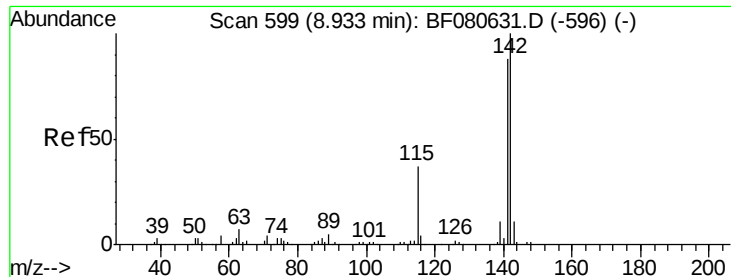
Tot Ion	Ratio	Lower	Upper
127	100		
129	111.0	25.8	38.6#
65	31.3	32.5	48.7#
92	10.8	18.5	27.7#



#35
 Caprolactam
 Concen: 34.18 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

Tgt Ion	Ratio	Lower	Upper
113	100		
55	356.0	170.7	210.7#
56	379.6	118.2	158.2#

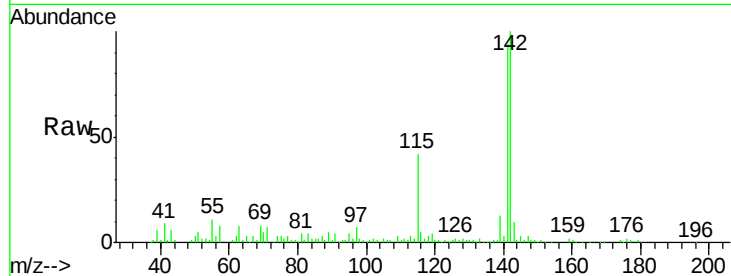




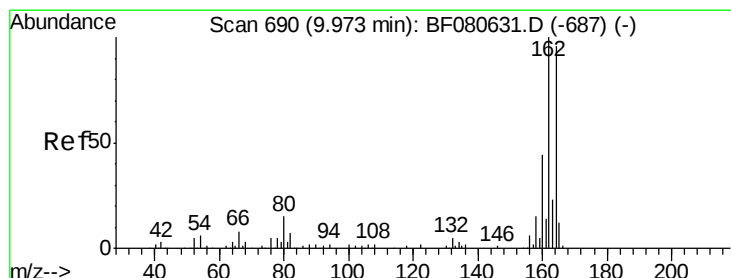
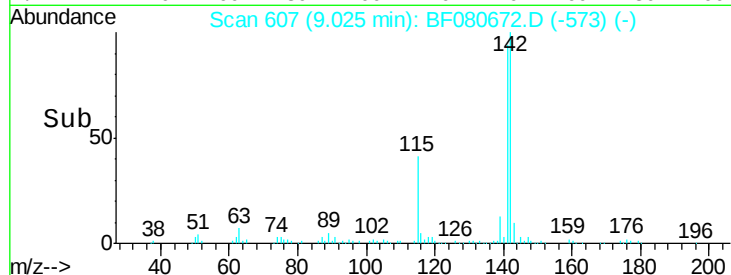
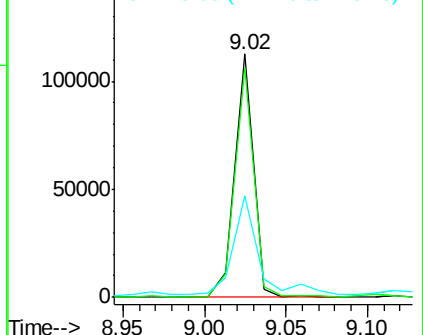
#37
2-Methylnaphthalene
Concen: 36.41 ng
RT: 9.02 min Scan# 607
Delta R.T. 0.09 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

Instrument :
BNA_F
ClientSampleId :
SA(2)DL

Tot Ion:142 Resp: 88549
Ion Ratio Lower Upper
142 100
141 94.2 70.7 106.1
115 41.9 29.3 43.9

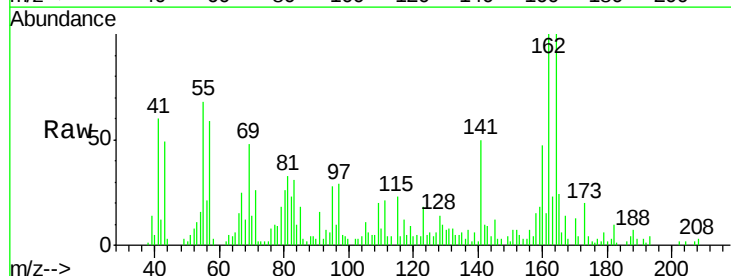


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

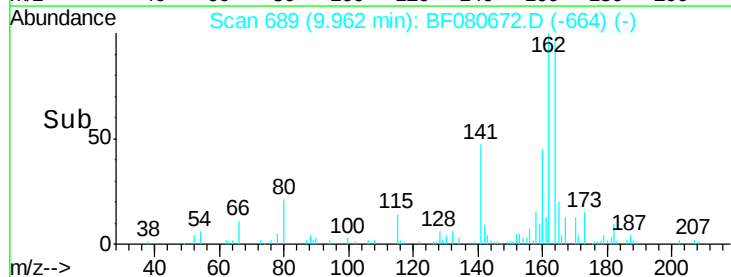
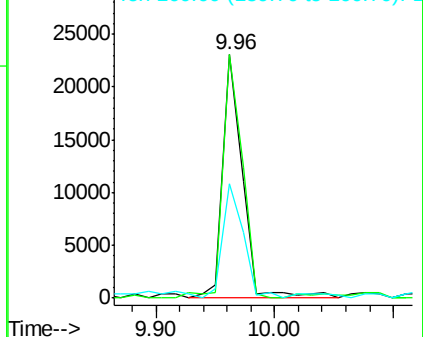


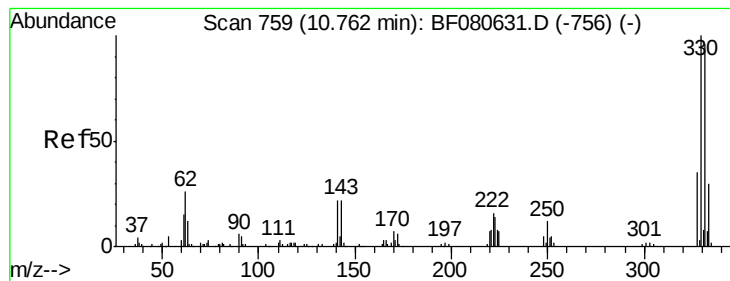
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF080672.D
Acq: 27 Jul 2015 15:06

Tgt Ion:164 Resp: 26316
Ion Ratio Lower Upper
164 100
162 99.9 83.3 124.9
160 47.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

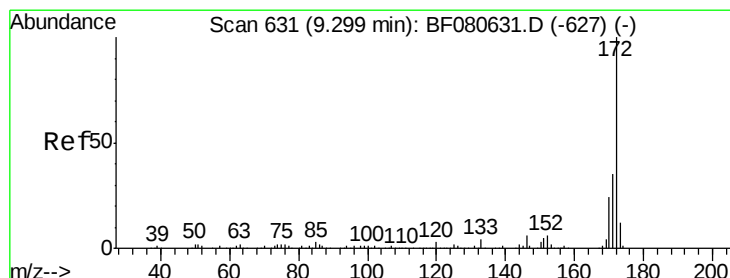
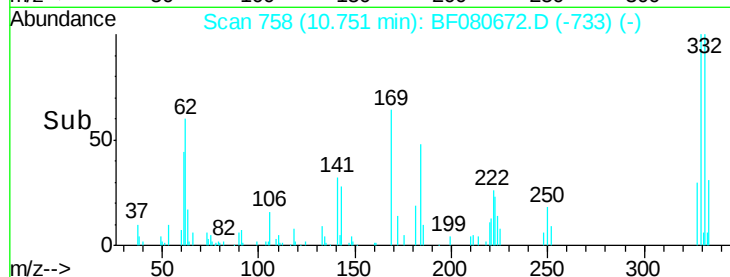
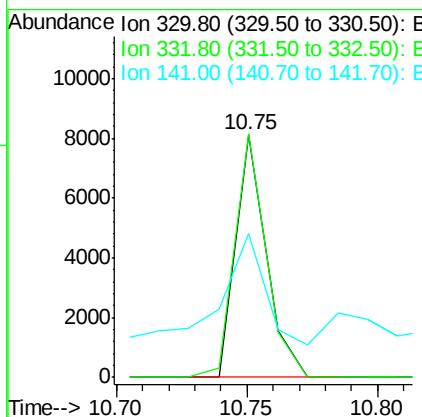
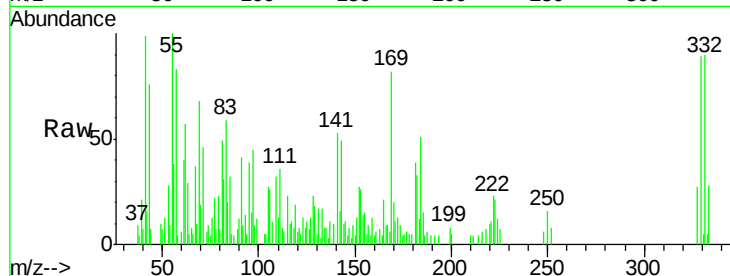




#41
 2,4,6-Tribromophenol
 Concen: 28.04 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

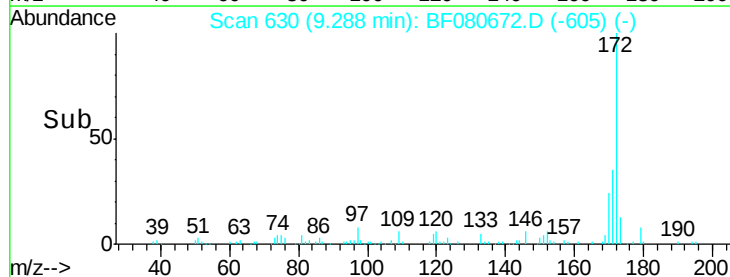
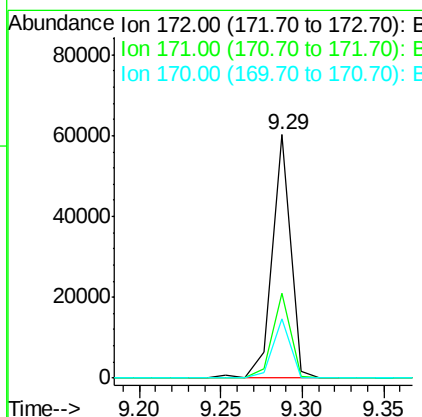
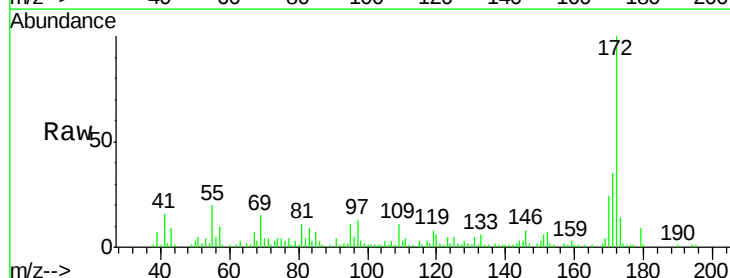
Instrument :
 BNA_F
 ClientSampled :
 SA(2)DL

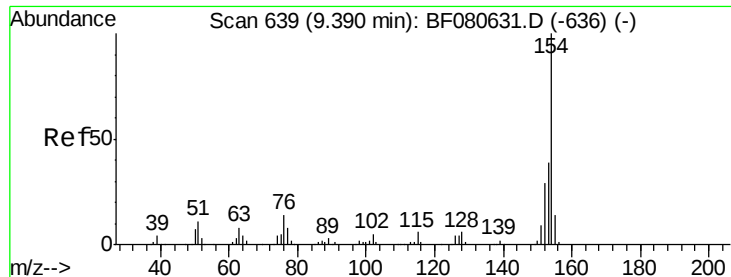
Tot Ion:330 Resp: 6629
 Ion Ratio Lower Upper
 330 100
 332 102.9 76.7 115.1
 141 66.8 32.7 49.1#



#44
 2-Fluorobiphenyl
 Concen: 27.65 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

Tgt Ion:172 Resp: 47164
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.7 41.5
 170 24.3 19.0 28.4





#45

1,1'-Biphenyl

Concen: 6.64 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

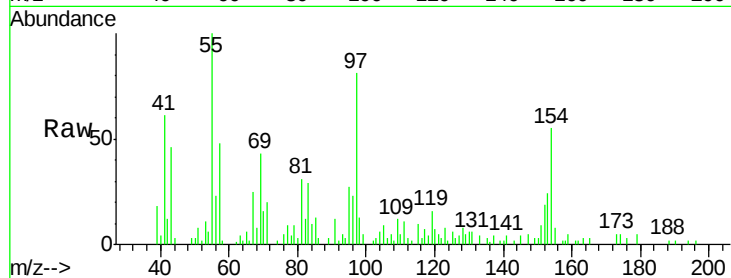
Tot Ion:154 Resp: 12213

Ion Ratio Lower Upper

154 100

153 42.8 19.4 59.4

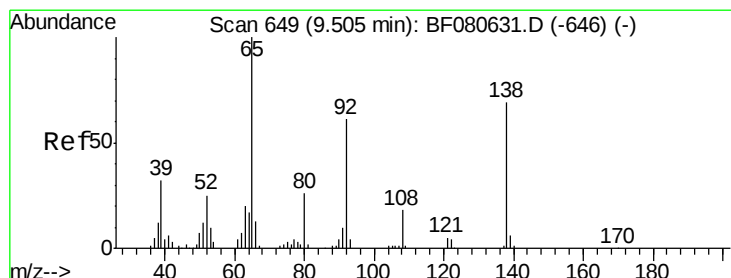
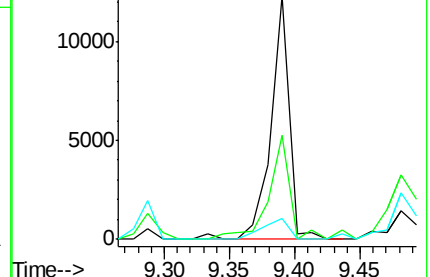
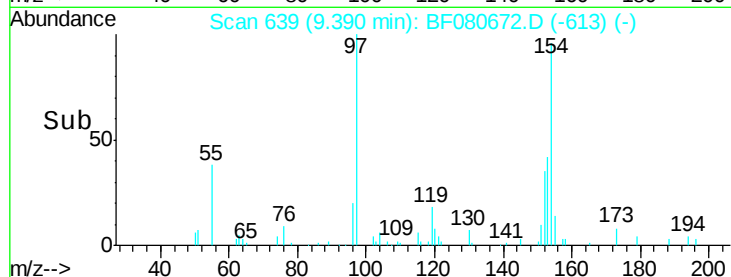
76 8.6 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 2.02 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

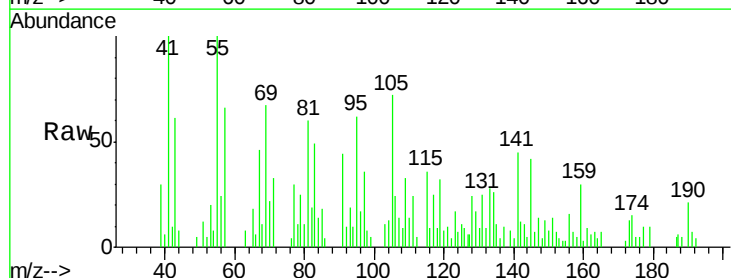
Tgt Ion: 65 Resp: 953

Ion Ratio Lower Upper

65 100

92 51.9 48.7 73.1

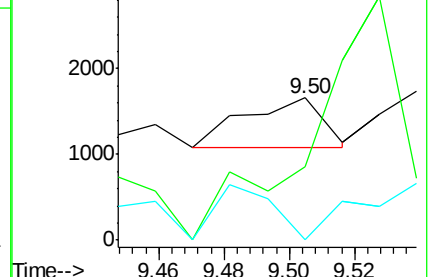
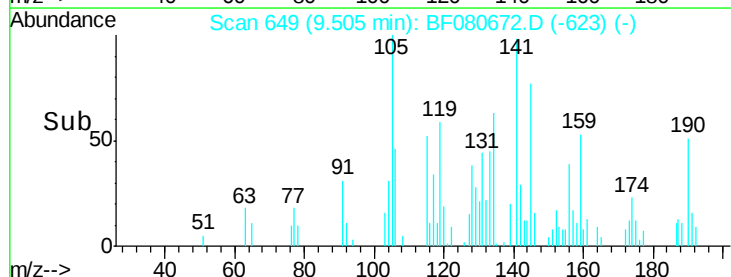
138 0.0 55.4 83.2#

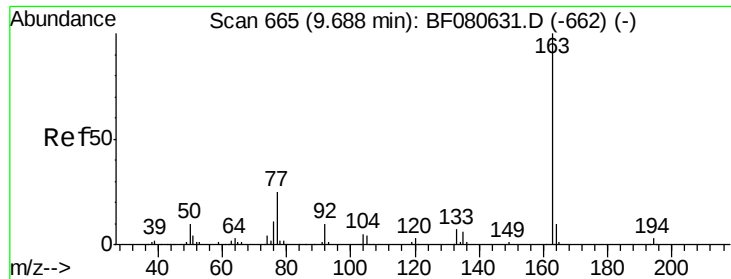


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 4.08 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

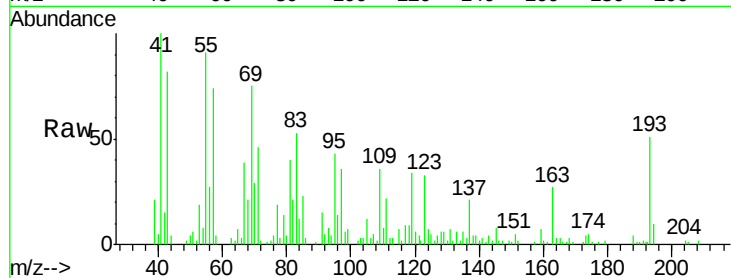
Tot Ion:163 Resp: 7687

Ion Ratio Lower Upper

163 100

194 37.0 2.5 3.7#

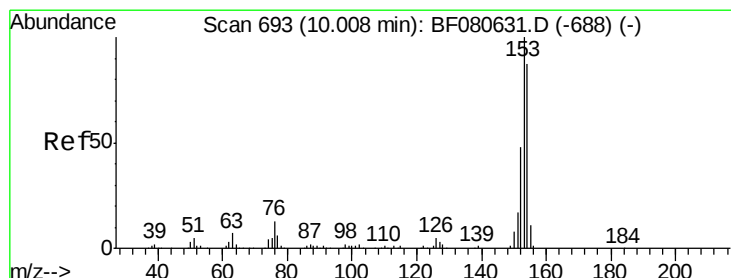
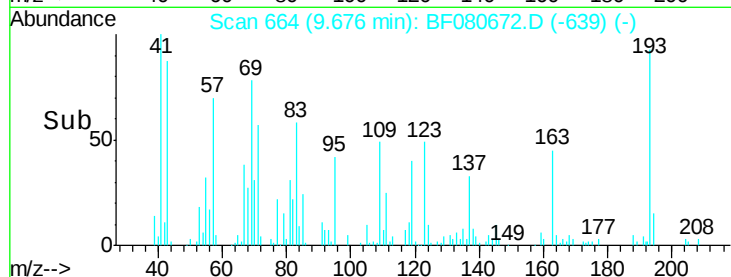
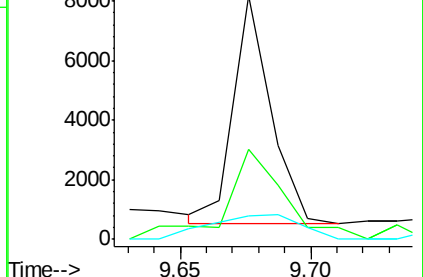
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 5.01 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

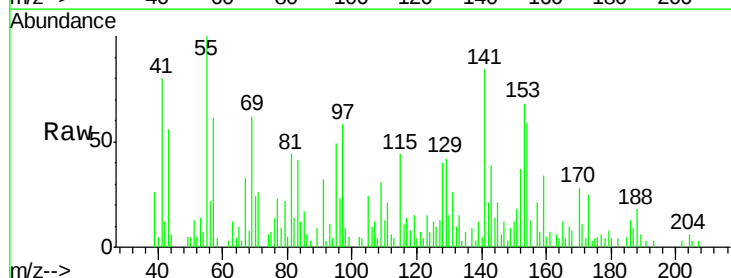
Tgt Ion:154 Resp: 7924

Ion Ratio Lower Upper

154 100

153 115.4 91.6 137.4

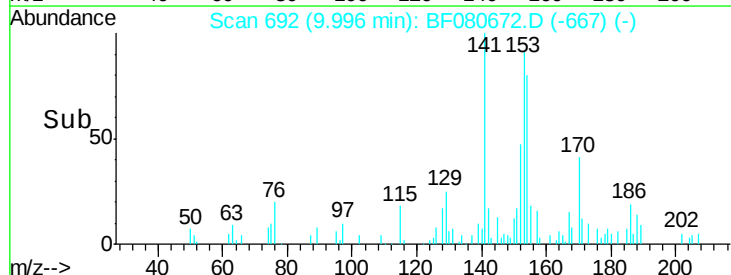
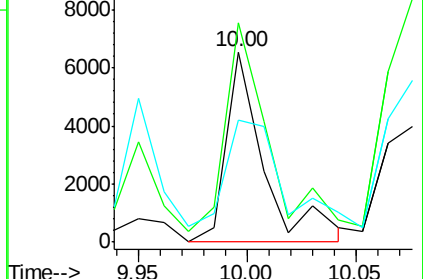
152 63.9 44.0 66.0

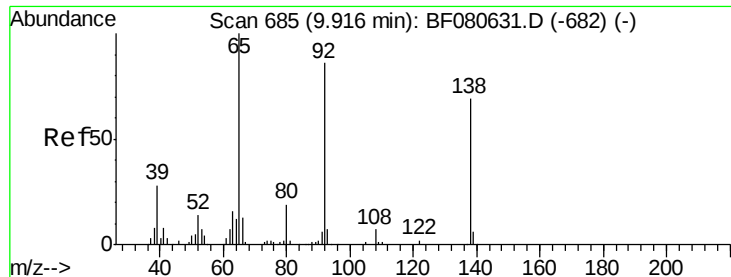


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 3.03 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

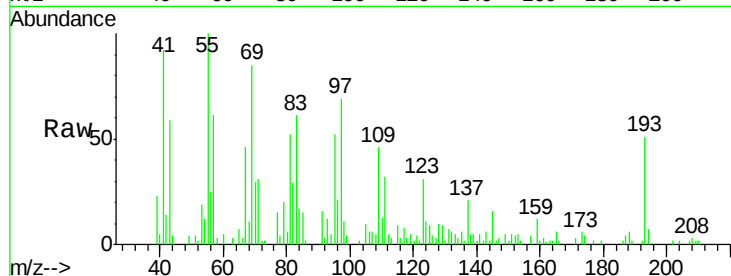
Tot Ion:138 Resp: 1212

Ion Ratio Lower Upper

138 100

108 104.4 8.6 13.0#

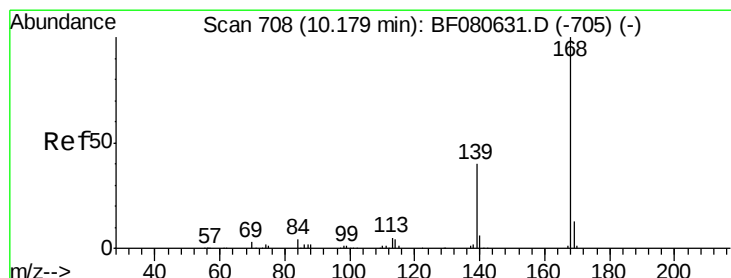
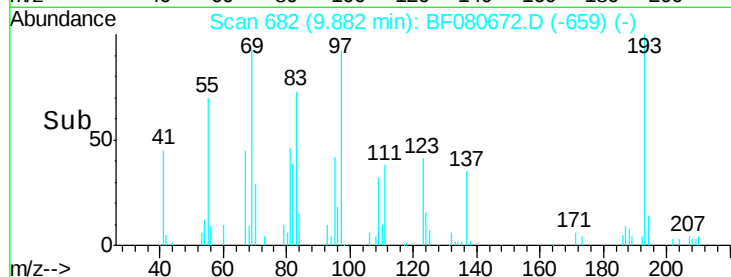
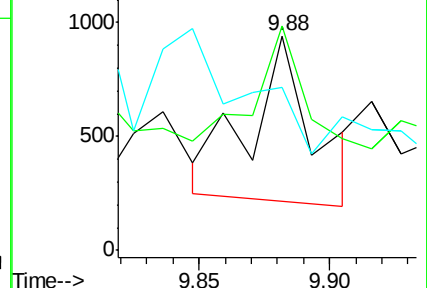
92 75.9 100.1 150.1#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 3.41 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

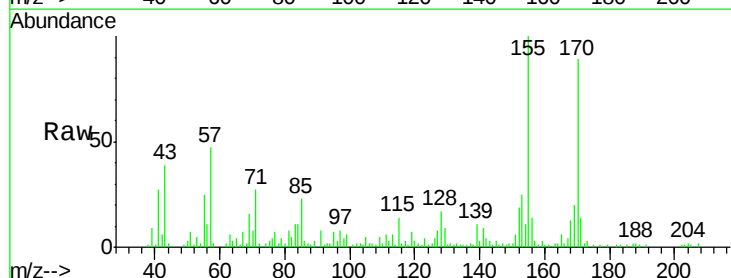
Tgt Ion:168 Resp: 7688

Ion Ratio Lower Upper

168 100

139 89.7 32.2 48.4#

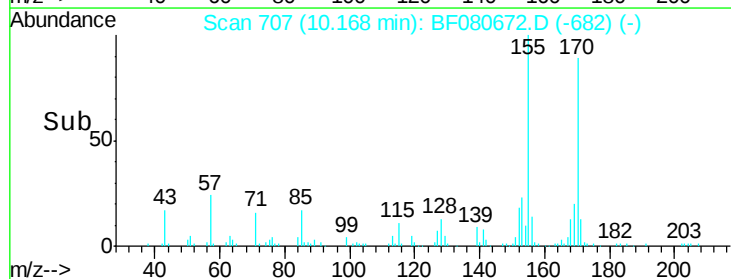
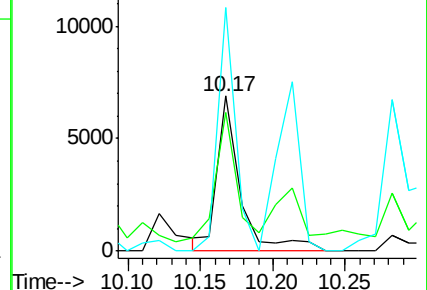
169 157.1 10.2 15.2#

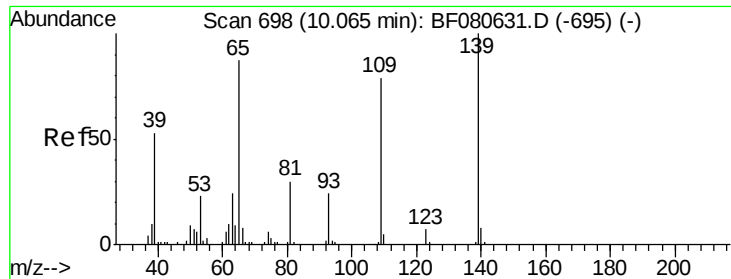


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 17.17 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

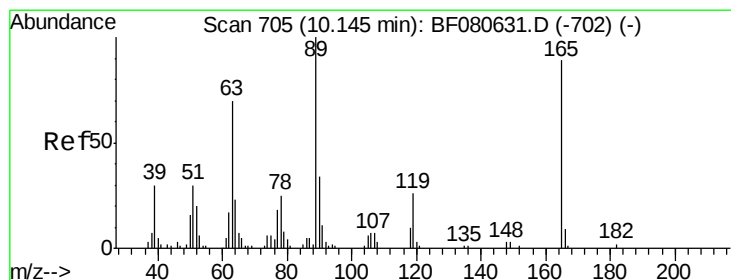
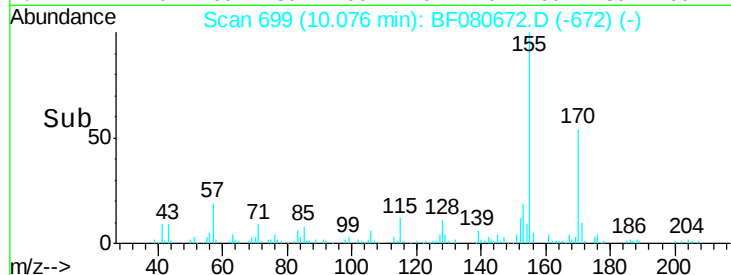
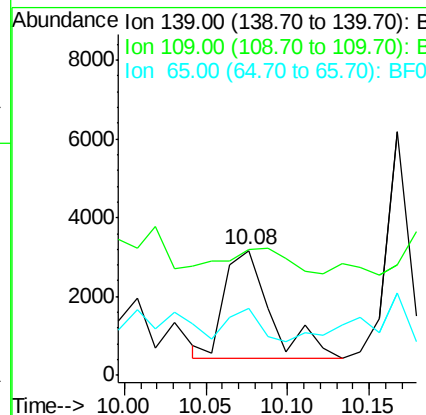
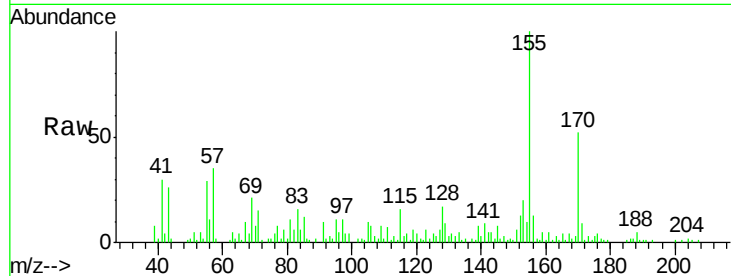
Tot Ion:139 Resp: 5418

Ion Ratio Lower Upper

139 100

109 101.2 59.4 99.4#

65 54.2 67.4 107.4#



#56

2,4-Dinitrotoluene

Concen: 9.16 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.02 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Tgt Ion:165 Resp: 4070

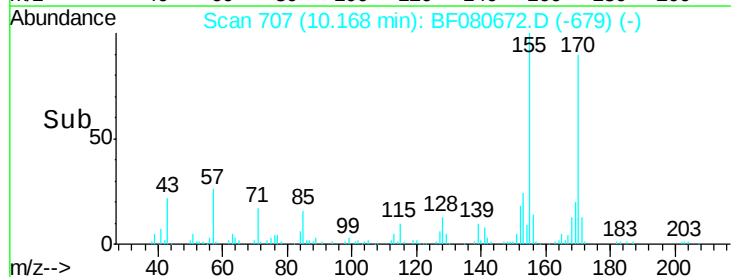
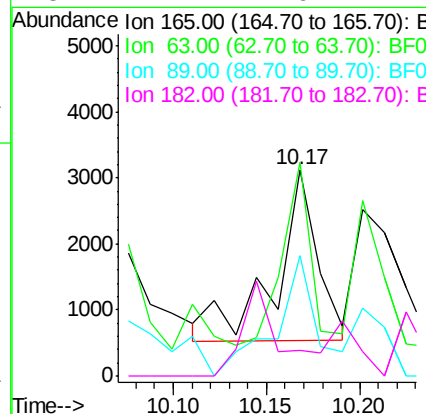
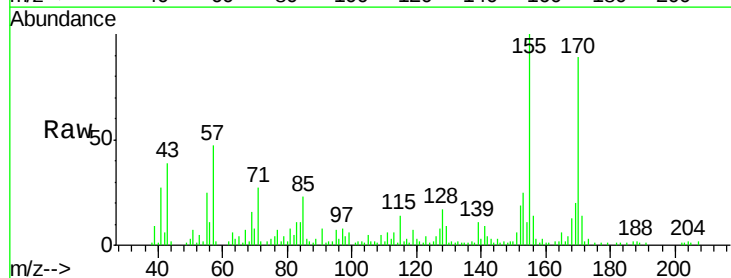
Ion Ratio Lower Upper

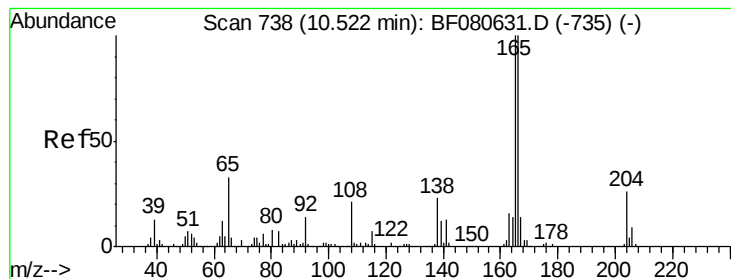
165 100

63 103.6 63.0 94.4#

89 58.1 90.2 135.2#

182 12.4 1.6 2.4#





#57

Fluorene

Concen: 7.14 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

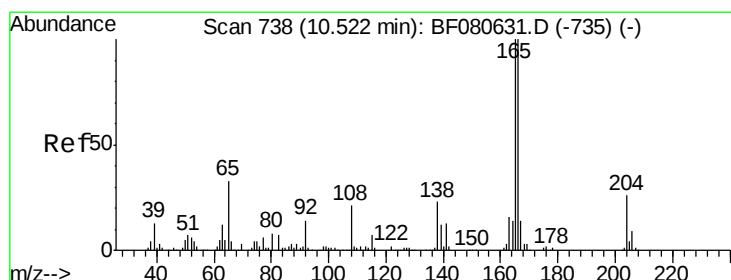
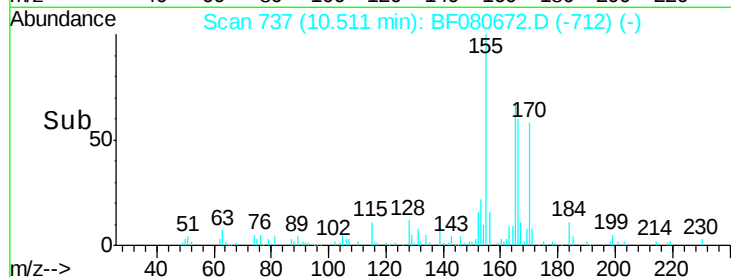
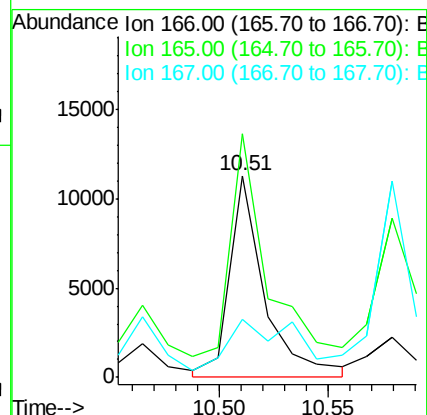
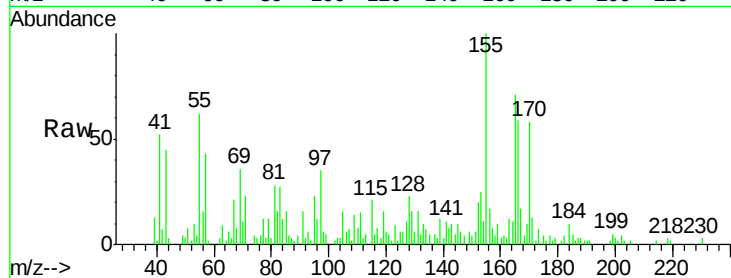
Tot Ion:166 Resp: 12679

Ion Ratio Lower Upper

166 100

165 120.8 80.0 120.0#

167 28.8 10.8 16.2#



#61

4-Nitroaniline

Concen: 4.97 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

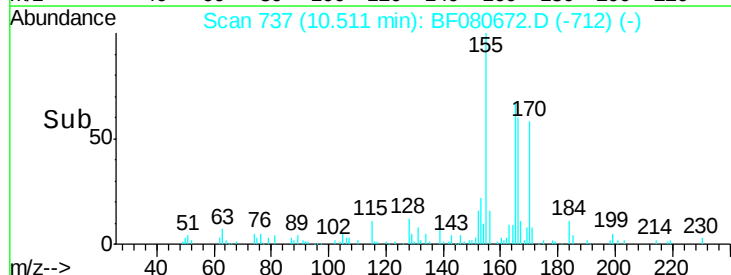
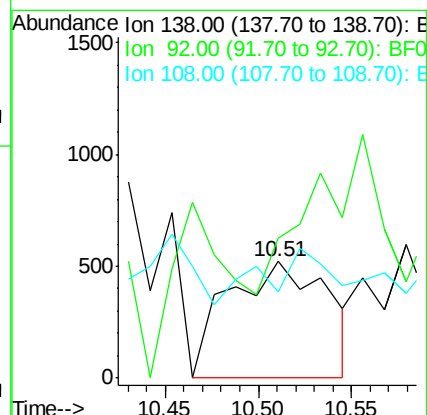
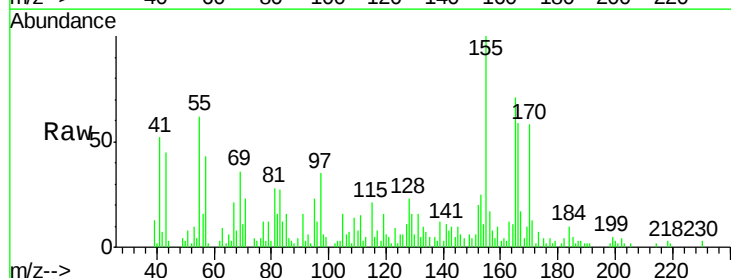
Tgt Ion:138 Resp: 1934

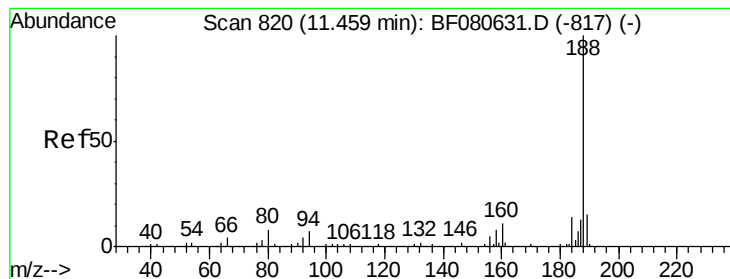
Ion Ratio Lower Upper

138 100

92 120.0 38.2 78.2#

108 74.4 70.7 110.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

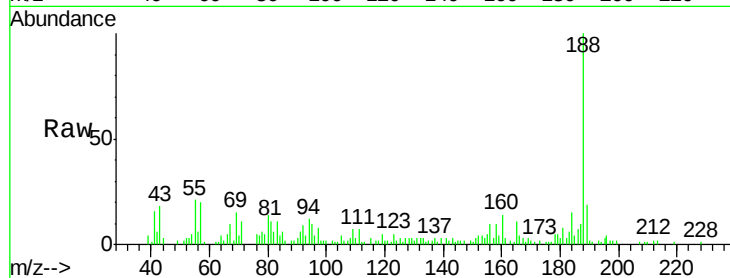
Tot Ion:188 Resp: 33816

Ion Ratio Lower Upper

188 100

94 12.0 5.6 8.4#

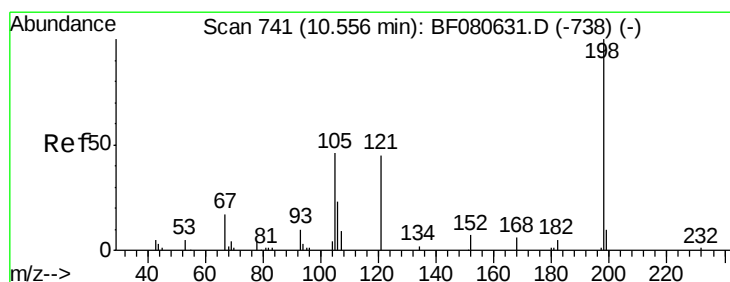
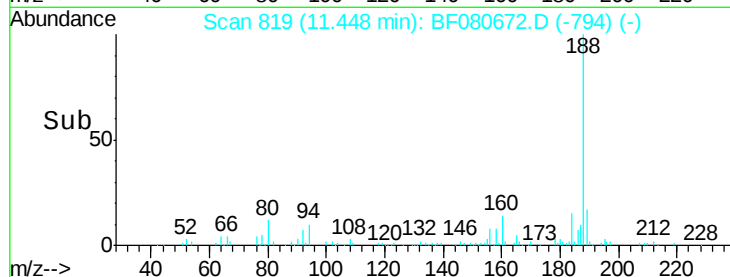
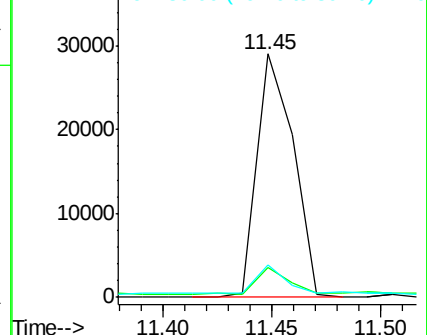
80 13.5 6.1 9.1#



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: 7.43 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

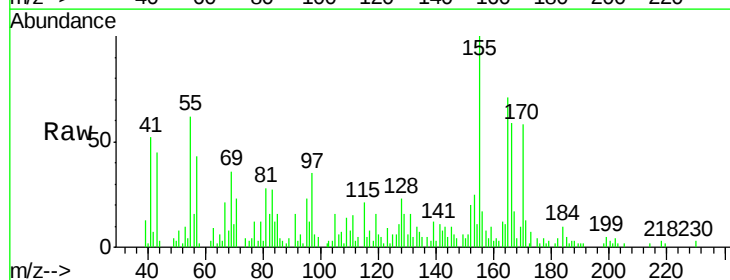
Tgt Ion:198 Resp: 221

Ion Ratio Lower Upper

198 100

51 469.3 31.1 71.1#

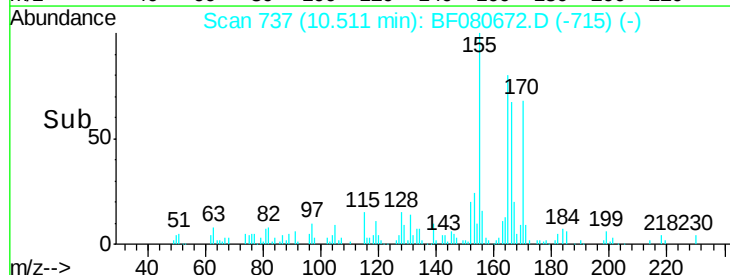
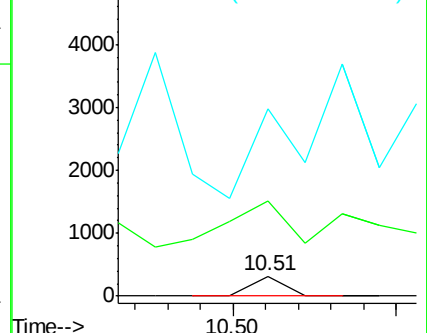
105 927.3 28.6 68.6#

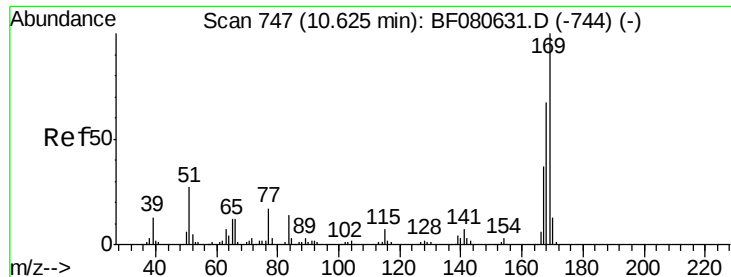


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 23.66 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

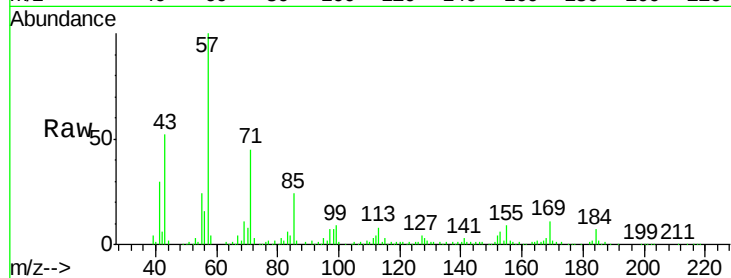
Tot Ion:169 Resp: 24520

Ion Ratio Lower Upper

169 100

168 28.2 53.4 80.2#

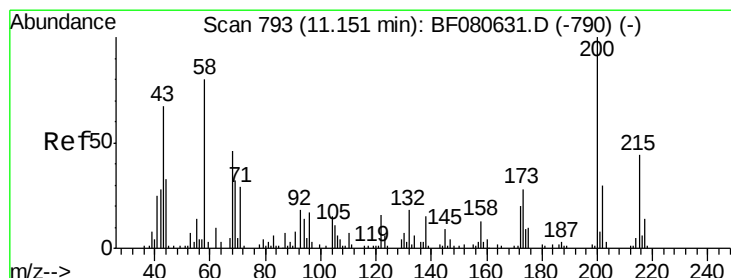
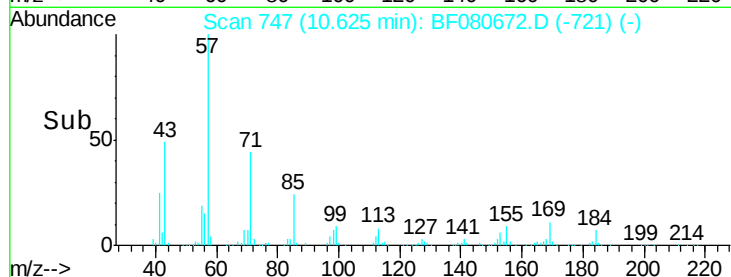
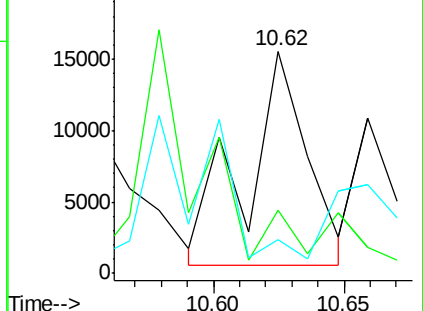
167 15.1 29.4 44.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 2.22 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

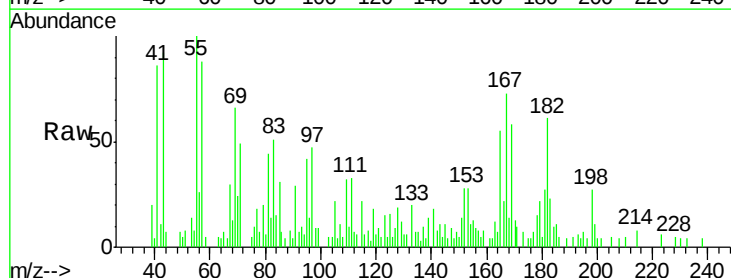
Tgt Ion:200 Resp: 670

Ion Ratio Lower Upper

200 100

173 178.2 8.6 48.6#

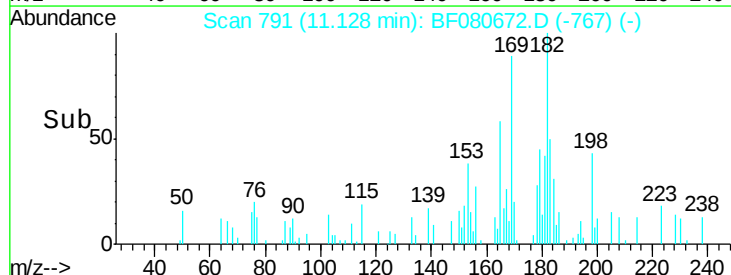
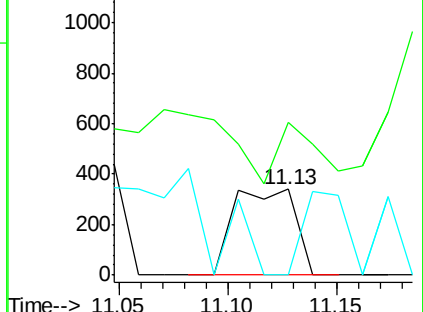
215 0.0 24.1 64.1#

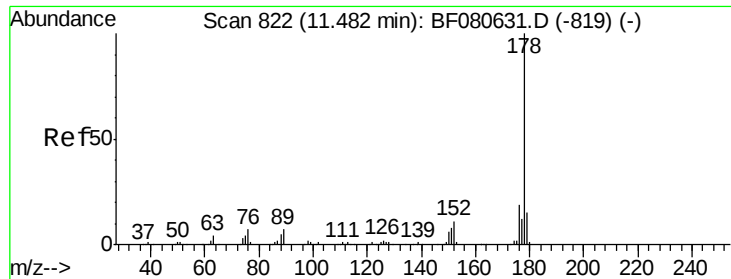


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 19.44 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampleId :

SA(2)DL

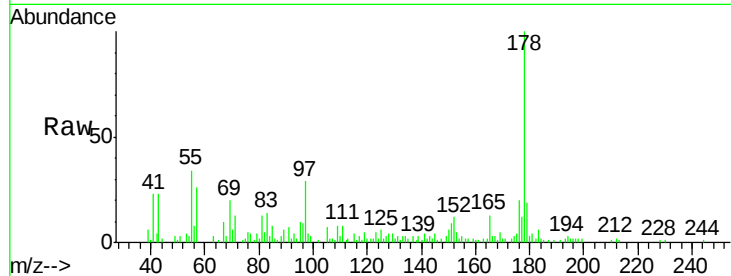
Tot Ion:178 Resp: 36289

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

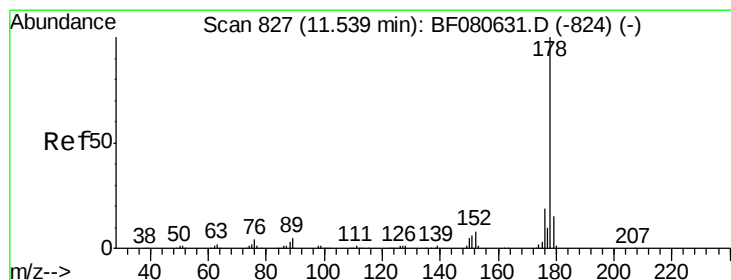
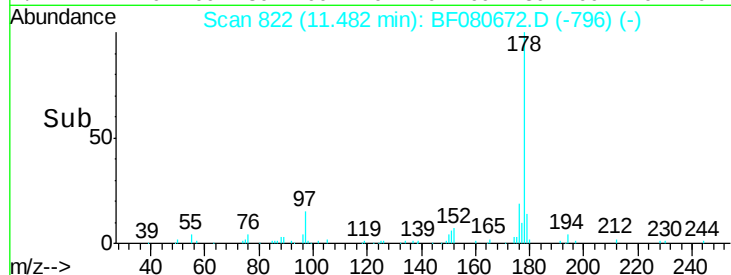
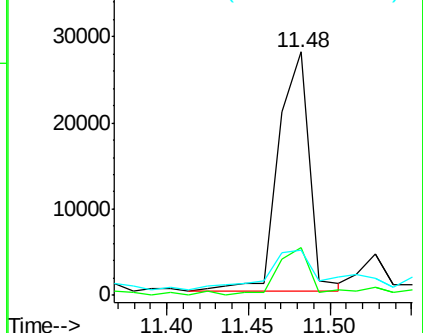
179 18.7 11.8 17.8#



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: 2.93 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

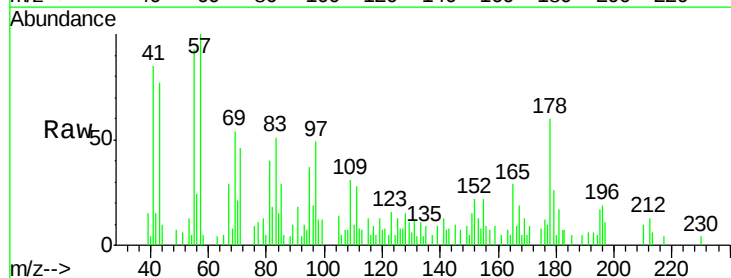
Tgt Ion:178 Resp: 5267

Ion Ratio Lower Upper

178 100

176 20.4 15.0 22.6

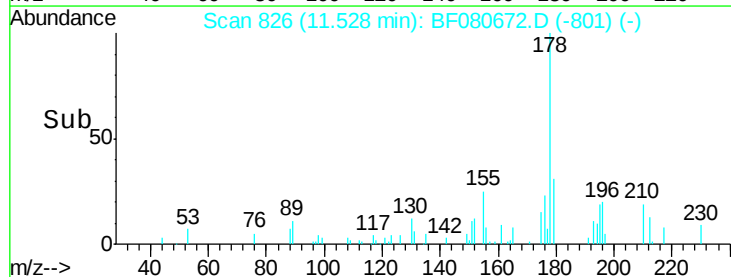
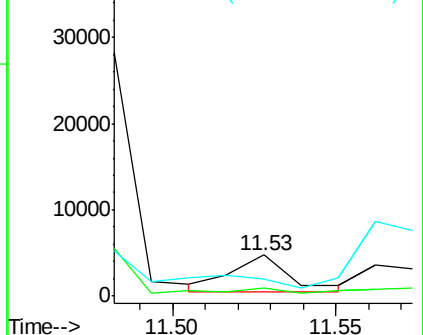
179 42.9 12.1 18.1#

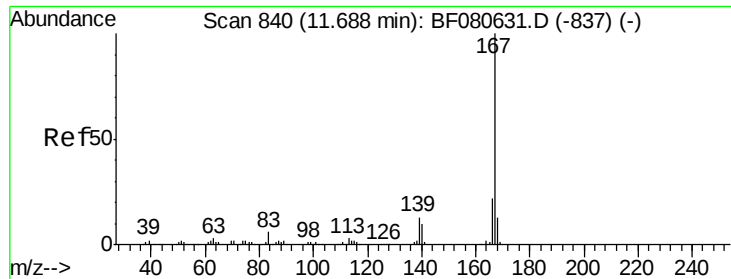


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.16 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

Instrument :

BNA_F

ClientSampled :

SA(2)DL

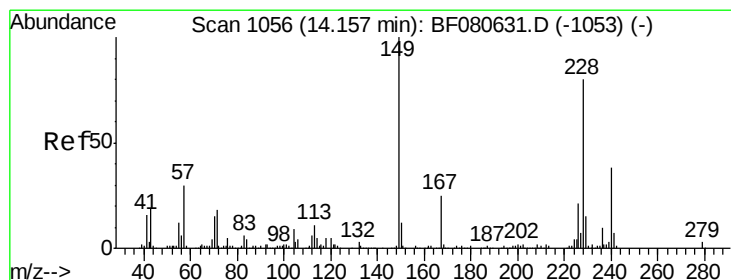
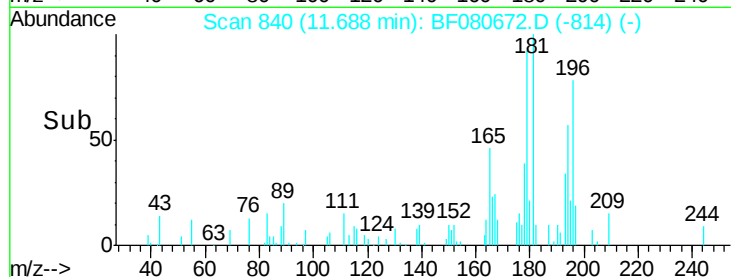
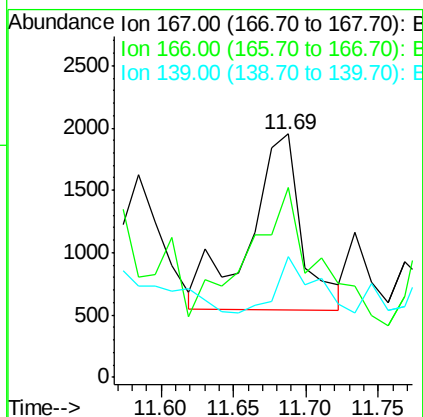
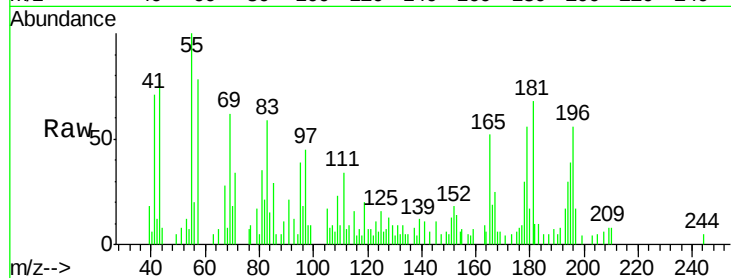
Tot Ion:167 Resp: 3519

Ion Ratio Lower Upper

167 100

166 78.0 17.9 26.9#

139 49.6 10.6 15.8#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.35 min Scan# 1073

Delta R.T. 0.19 min

Lab File: BF080672.D

Acq: 27 Jul 2015 15:06

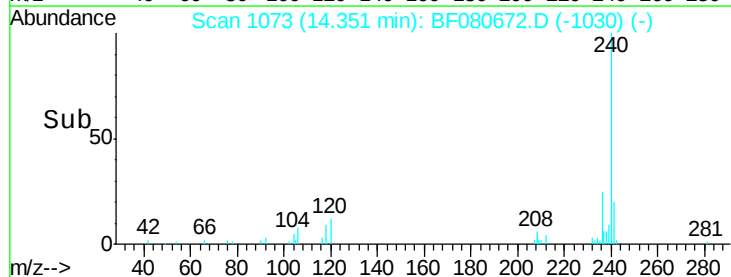
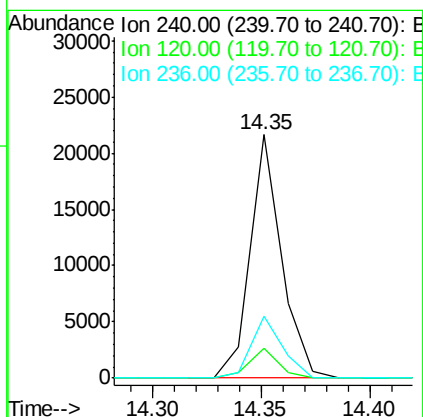
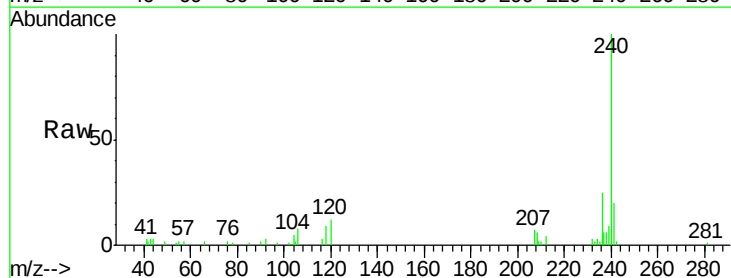
Tgt Ion:240 Resp: 21741

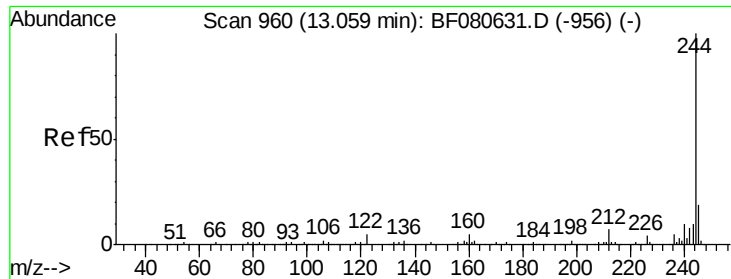
Ion Ratio Lower Upper

240 100

120 12.0 10.8 16.2

236 25.4 20.3 30.5

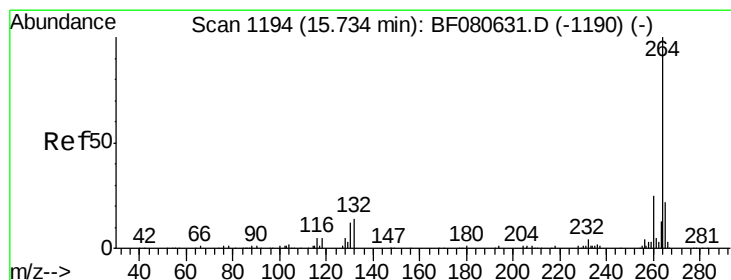
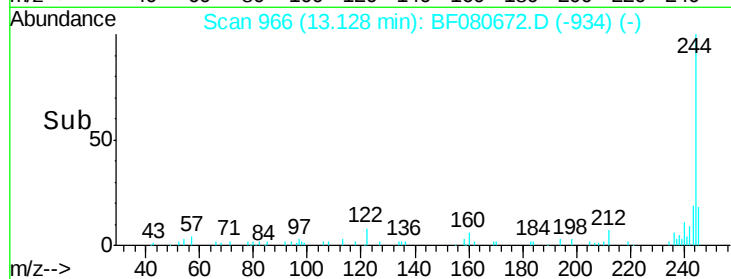
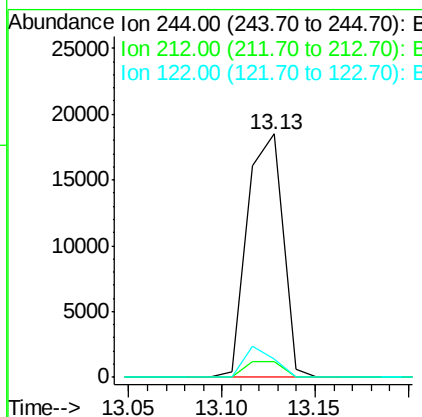
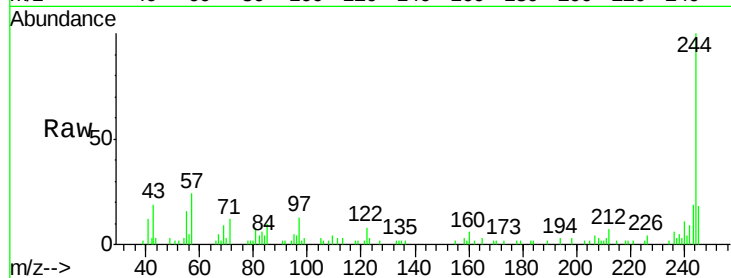




#78
 Terphenyl-d14
 Concen: 24.16 ng
 RT: 13.13 min Scan# 966
 Delta R.T. 0.07 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

Instrument :
 BNA_F
 ClientSampleID :
 SA(2)DL

Tot Ion:244 Resp: 24390
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 7.6 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.11 min Scan# 1227
 Delta R.T. 0.38 min
 Lab File: BF080672.D
 Acq: 27 Jul 2015 15:06

Tgt Ion:264 Resp: 12349
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 22.3 17.4 26.0

