

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080646.D
 Acq On : 25 Jul 2015 1:12
 Operator : TP/UM
 Sample : G3069-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA(2)

Quant Time: Jul 25 05:15:44 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	6.93	152	51027	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	169037	20.00	ng	0.01
38) Acenaphthene-d10	9.98	164	83425	20.00	ng	0.01
63) Phenanthrene-d10	11.47	188	156422	20.00	ng	0.01
75) Chrysene-d12	14.25	240	180298	20.00	ng	0.09
86) Perylene-d12	15.92	264	182524	20.00	ng	0.18

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	377460	124.56	ng	0.00
7) Phenol-d6	6.54	99	546670	151.03	ng	0.00
23) Nitrobenzene-d5	7.49	82	342832	101.86	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	106621	142.25	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	535192	98.98	ng	0.00
78) Terphenyl-d14	13.08	244	535524	63.96	ng	0.02

Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	23354	9.88	ng	# 1
15) Benzyl Alcohol	7.08	79	13867	4.61	ng	# 57
18) Hexachloroethane	7.40	117	38315	26.32	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	11194	4.29	ng	# 60
22) Acetophenone	7.33	105	134497	30.64	ng	# 44
24) Nitrobenzene	7.50	77	17658	5.26	ng	# 20
25) Isophorone	7.74	82	49014	8.30	ng	# 1
26) 2-Nitrophenol	7.85	139	3344	2.73	ng	# 1
28) bis(2-Chloroethoxy)methane	7.96	93	13753	4.02	ng	# 1
29) 2,4-Dichlorophenol	8.08	162	5289	2.26	ng	# 29
31) Naphthalene	8.25	128	646771	76.36	ng	# 93
32) Benzoic acid	7.88	122	6565	10.39	ng	# 1
33) 4-Chloroaniline	8.25	127	139259	37.43	ng	# 46
35) Caprolactam	8.65	113	74981	111.95	ng	# 1
36) 4-Chloro-3-methylphenol	8.77	107	10220	4.07	ng	# 47
37) 2-Methylnaphthalene	8.94	142	1280297	212.12	ng	100
42) 2,4,6-Trichlorophenol	9.22	196	4605	2.80	ng	# 12
43) 2,4,5-Trichlorophenol	9.25	196	3621	2.10	ng	# 1
45) 1,1'-Biphenyl	9.40	154	134360	23.05	ng	94
47) 2-Nitroaniline	9.49	65	6985	4.67	ng	# 57
48) Acenaphthylene	9.84	152	38146	4.62	ng	# 1
49) Dimethylphthalate	9.69	163	91601	15.35	ng	# 86
50) 2,6-Dinitrotoluene	9.76	165	3866	3.63	ng	# 1
51) Acenaphthene	10.01	154	78014	15.57	ng	# 89
52) 3-Nitroaniline	9.89	138	5264	4.15	ng	# 35
53) 2,4-Dinitrophenol	10.03	184	668	6.06	ng	# 1
54) Dibenzofuran	10.18	168	59660	8.35	ng	# 1
55) 4-Nitrophenol	10.09	139	71322	71.28	ng	# 71
56) 2,4-Dinitrotoluene	10.18	165	29610	21.03	ng	# 44
57) Fluorene	10.52	166	158531	28.17	ng	# 71
61) 4-Nitroaniline	10.73	138	3403	2.76	ng	85
62) Azobenzene	10.68	77	18906	3.33	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.56	198	4046	10.62	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	327007	68.22	ng	# 51

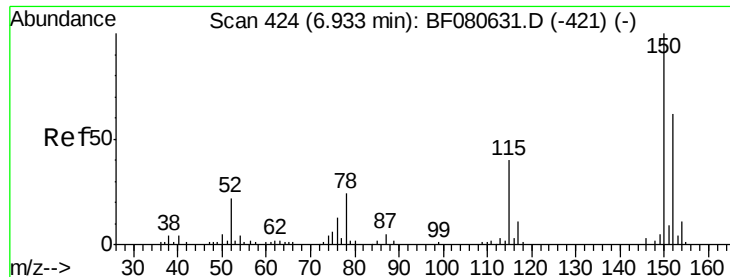
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080646.D
Acq On : 25 Jul 2015 1:12
Operator : TP/UM
Sample : G3069-02
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ALS Vial : 20 Sample Multiplier: 1

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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)
68) Atrazine	11.16	200	11100	7.97	ng	# 1
70) Phenanthrene	11.49	178	597065	69.15	ng	# 96
71) Anthracene	11.49	178	597065	71.69	ng	# 95
72) Carbazole	11.70	167	37478	4.97	ng	# 1
74) Fluoranthene	12.69	202	23020	2.76	ng	# 57
77) Pyrene	12.99	202	28036	2.48	ng	# 14

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

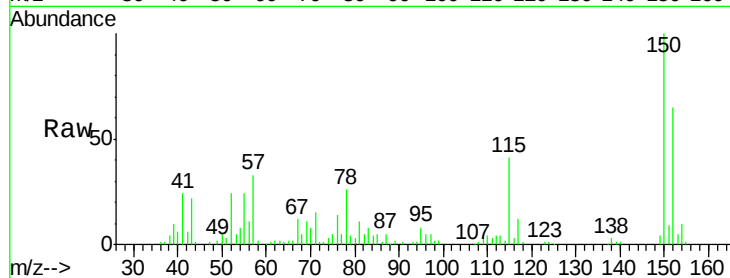
Tgt Ion:152 Resp: 51027

Ion Ratio Lower Upper

152 100

150 153.5 128.9 193.3

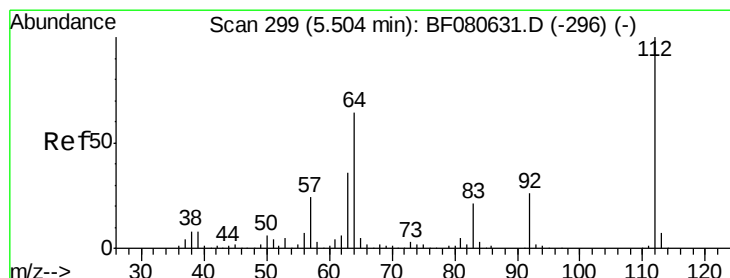
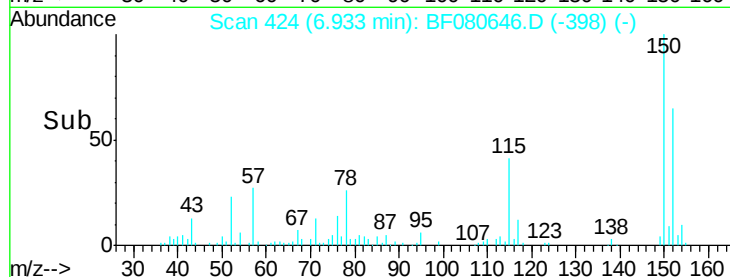
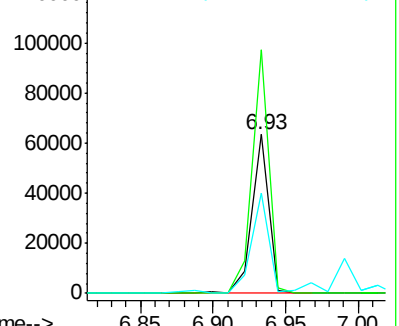
115 63.0 51.0 76.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 124.56 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

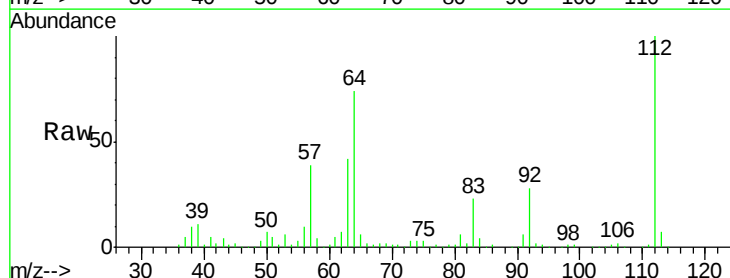
Tgt Ion:112 Resp: 377460

Ion Ratio Lower Upper

112 100

64 73.7 51.2 76.8

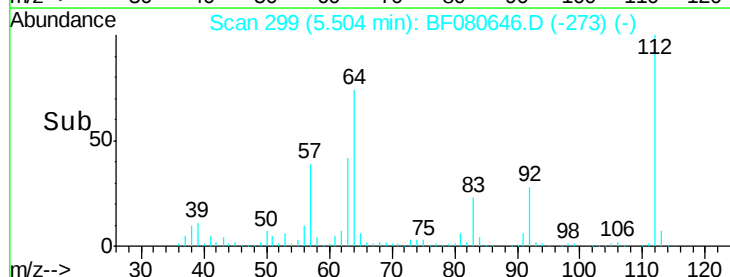
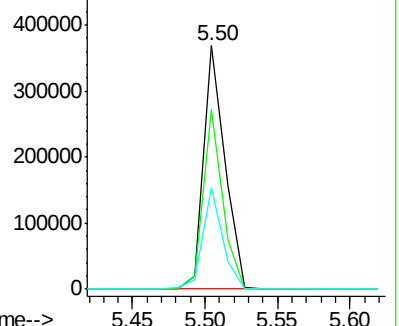
63 41.9 29.0 43.6

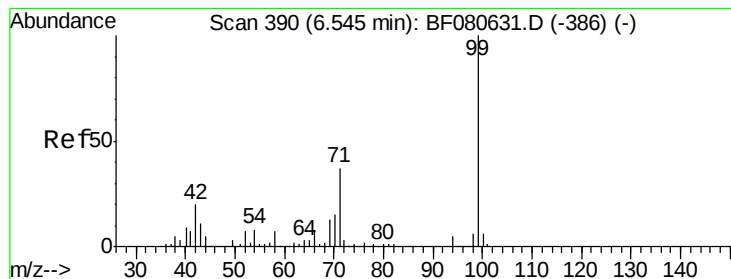


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.03 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

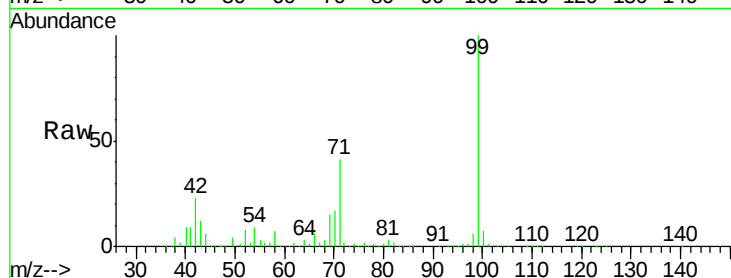
Tgt Ion: 99 Resp: 546670

Ion Ratio Lower Upper

99 100

42 23.4 16.3 24.5

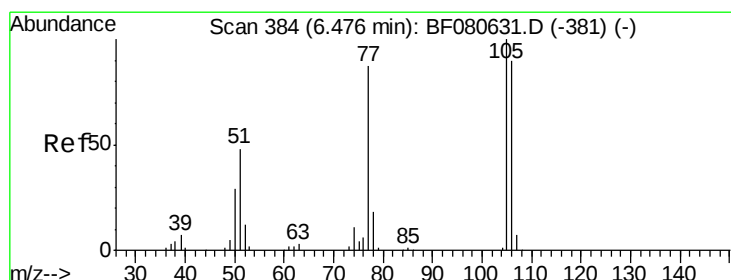
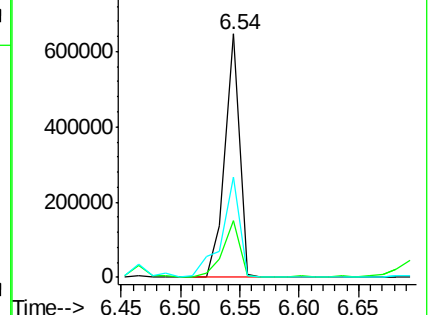
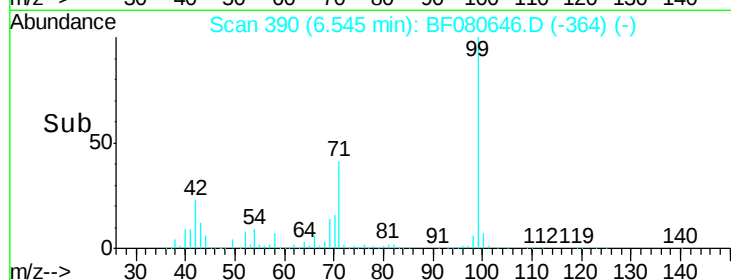
71 41.1 29.7 44.5



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: 9.88 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

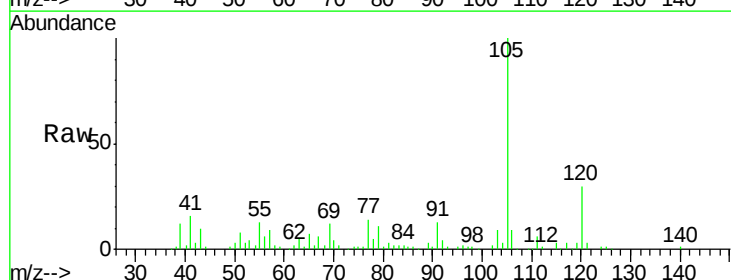
Tgt Ion: 77 Resp: 23354

Ion Ratio Lower Upper

77 100

105 730.1 94.7 134.7#

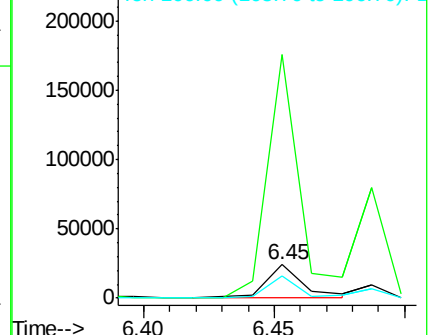
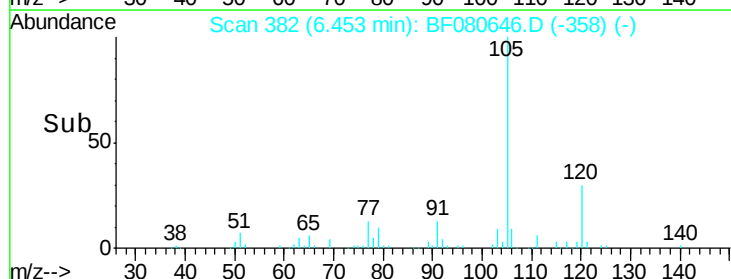
106 65.5 83.4 123.4#

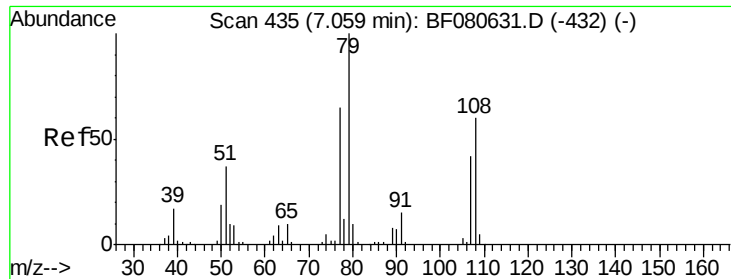


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 4.61 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampled :

SA(2)

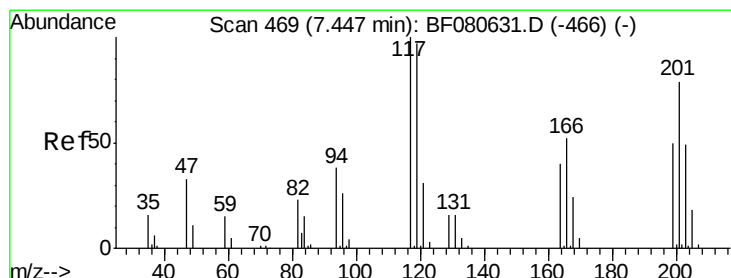
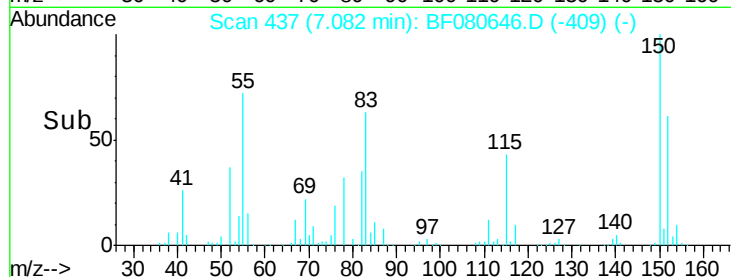
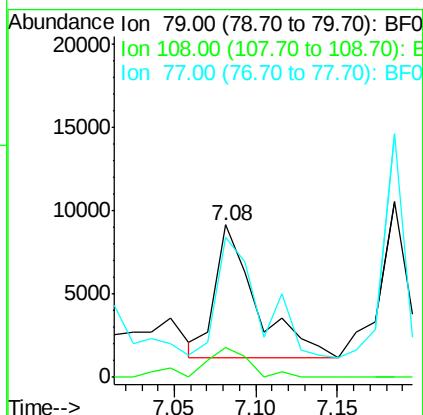
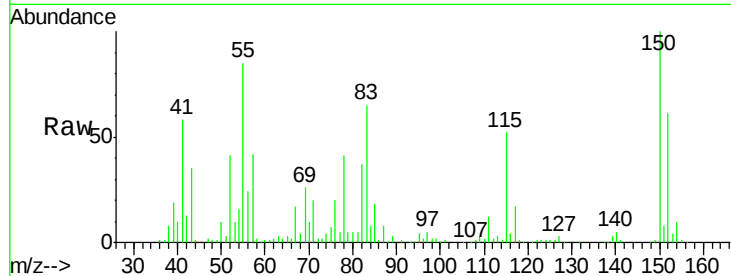
Tgt Ion: 79 Resp: 13867

Ion Ratio Lower Upper

79 100

108 19.9 47.8 71.8#

77 91.4 51.6 77.4#



#18

Hexachloroethane

Concen: 26.32 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

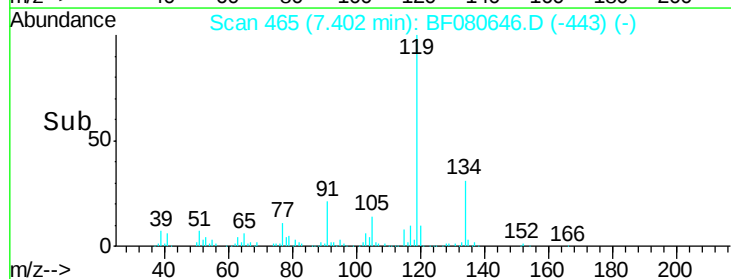
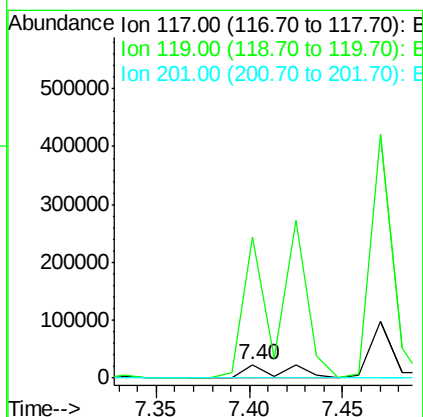
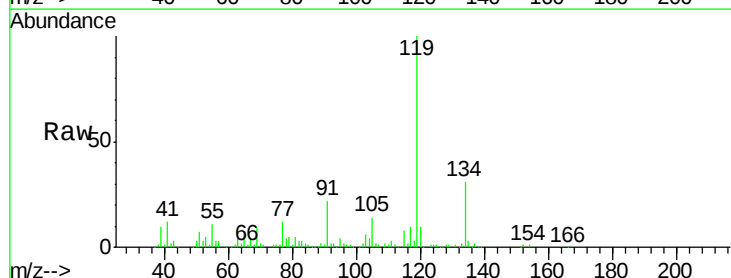
Tgt Ion: 117 Resp: 38315

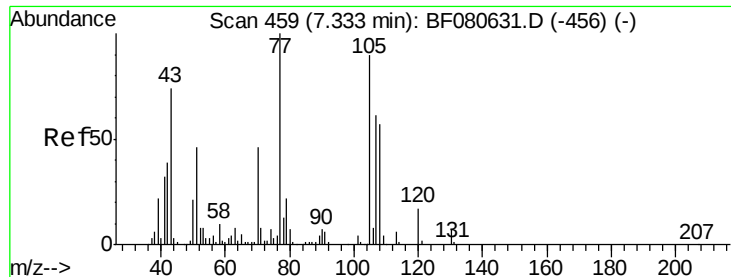
Ion Ratio Lower Upper

117 100

119 1033.9 77.4 116.2#

201 0.0 62.9 94.3#

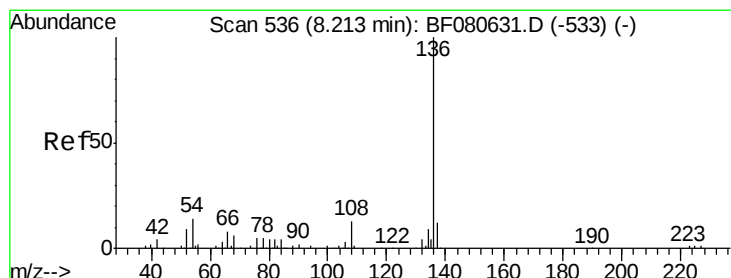
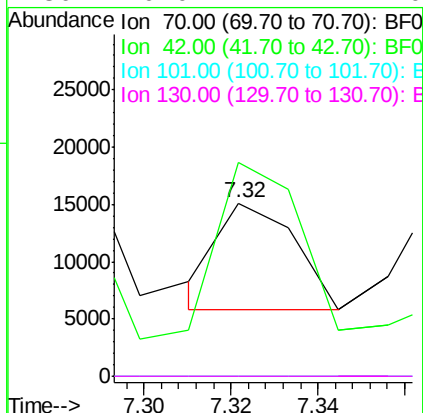
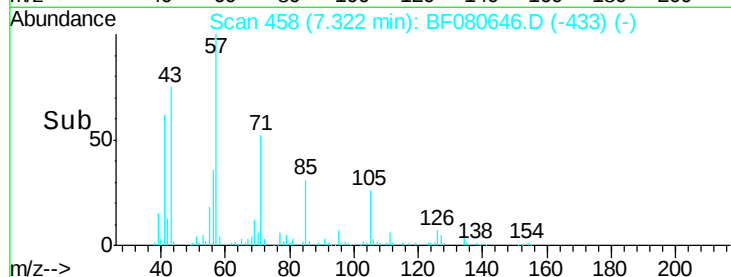
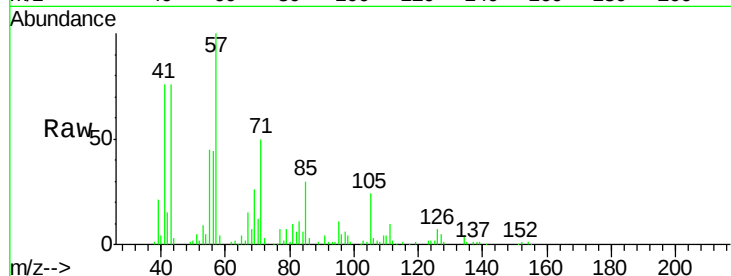




#19
n-Nitroso-di-n-propylamine
Concen: 4.29 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

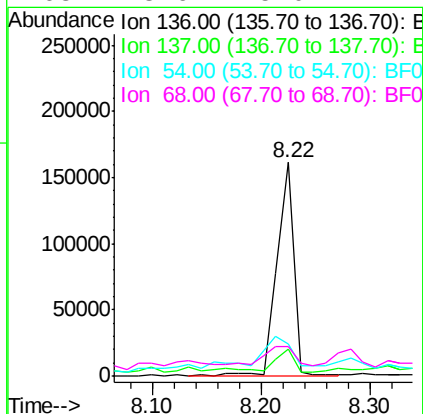
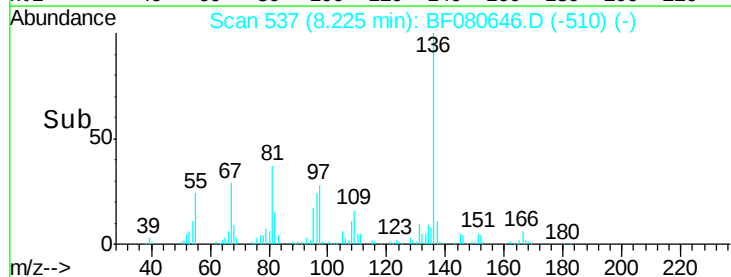
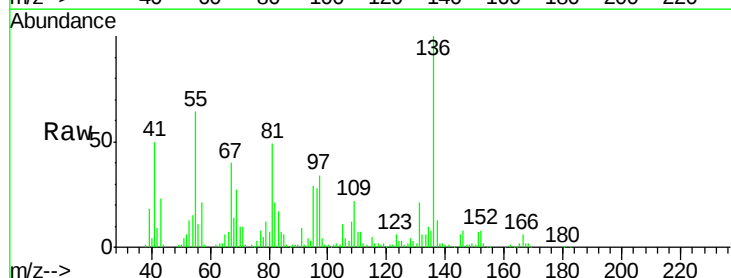
Instrument :
BNA_F
ClientSampleId :
SA(2)

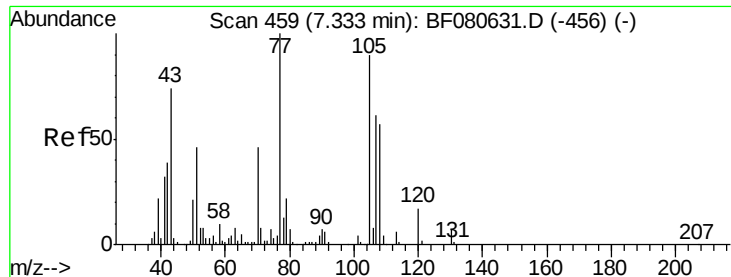
Tgt Ion: 70 Resp: 11194
Ion Ratio Lower Upper
70 100
42 123.6 67.8 101.8#
101 0.0 6.6 9.8#
130 0.0 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion: 136 Resp: 169037
Ion Ratio Lower Upper
136 100
137 12.7 9.3 13.9
54 15.3 11.6 17.4
68 13.6 5.0 7.4#





#22

Acetophenone

Concen: 30.64 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampled :

SA(2)

Tgt Ion:105 Resp: 134497

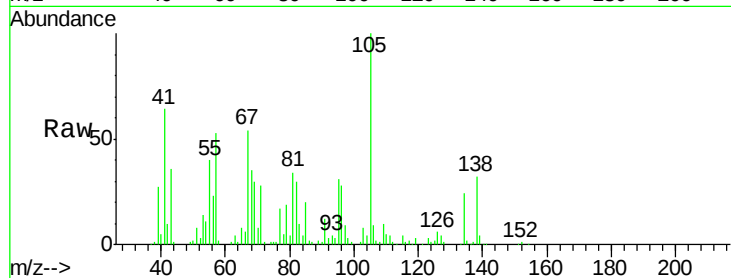
Ion Ratio Lower Upper

105 100

71 28.3 7.2 10.8#

51 8.5 40.8 61.2#

120 0.0 15.3 22.9#



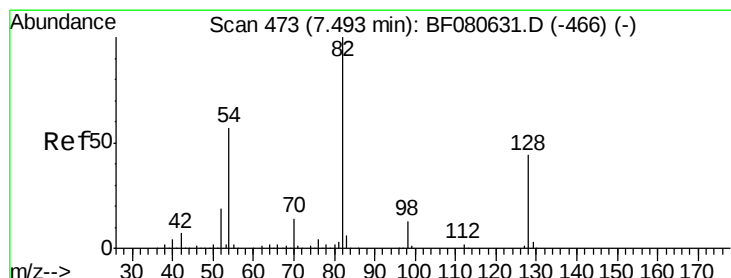
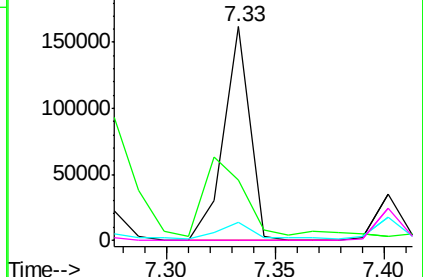
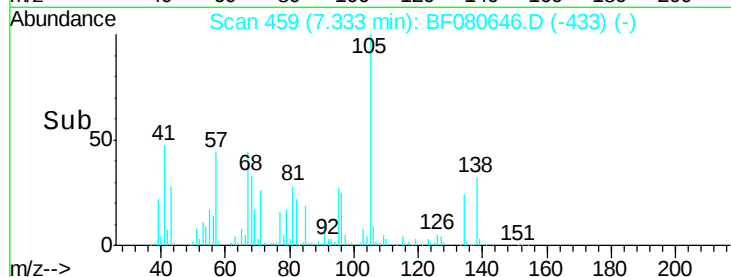
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 101.86 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

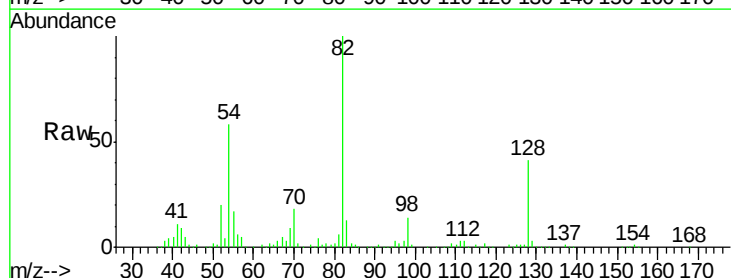
Tgt Ion: 82 Resp: 342832

Ion Ratio Lower Upper

82 100

128 40.8 34.8 52.2

54 58.0 45.4 68.0

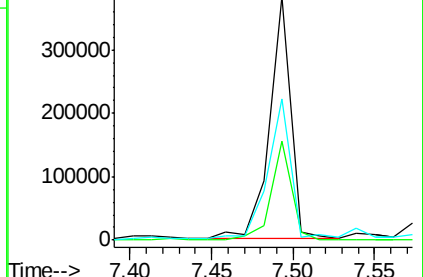
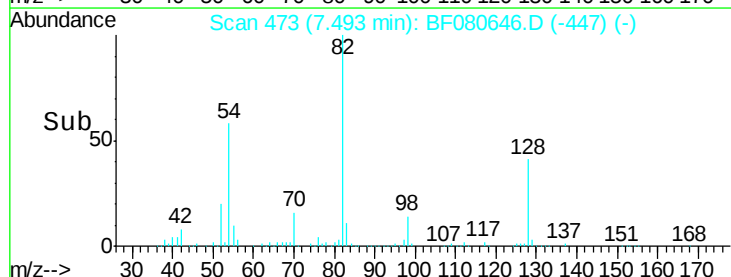


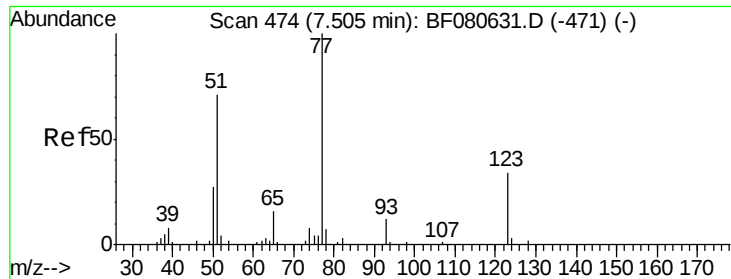
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

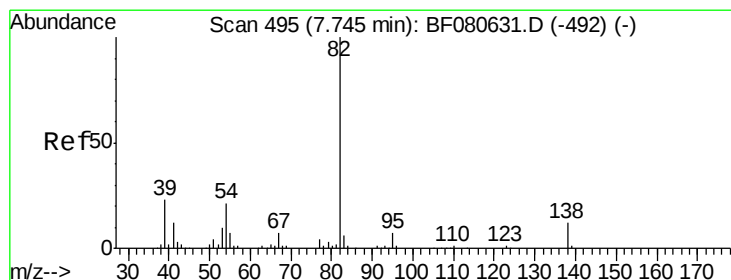
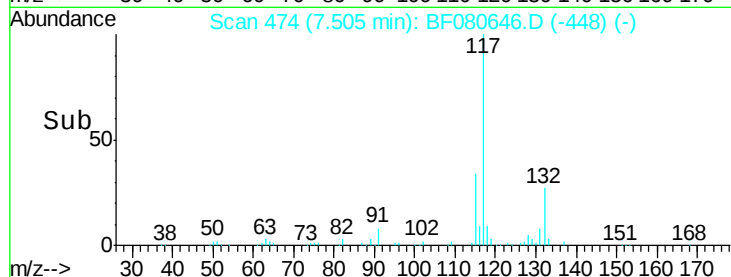
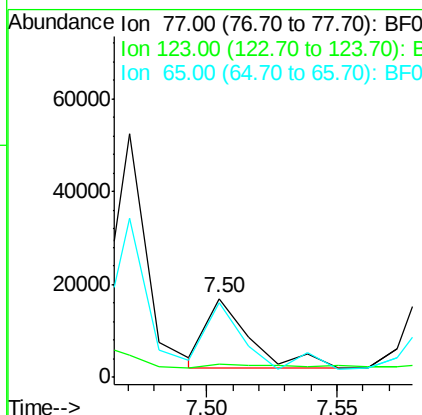
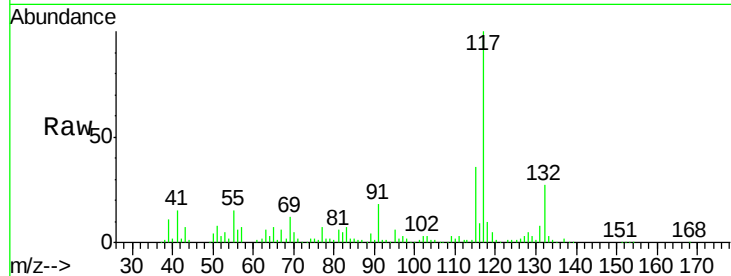




#24
 Nitrobenzene
 Concen: 5.26 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

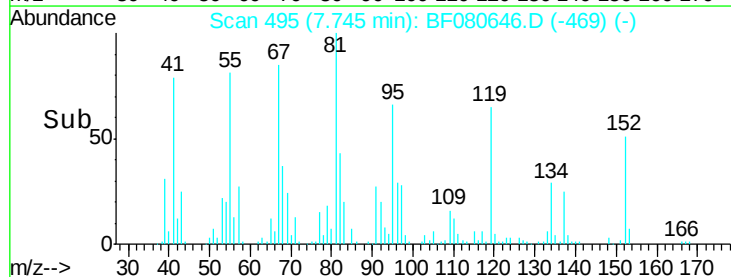
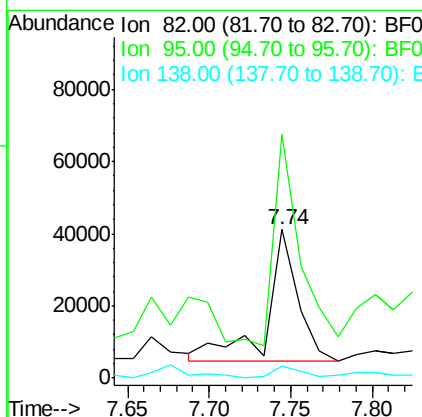
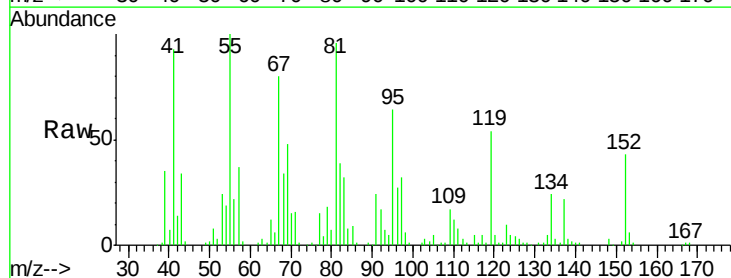
Instrument :
 BNA_F
 ClientSampleId :
 SA(2)

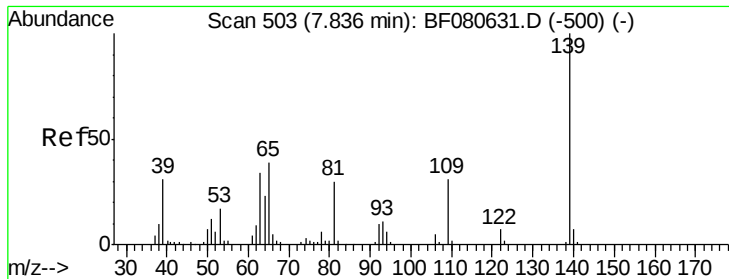
Tgt Ion: 77 Resp: 17658
 Ion Ratio Lower Upper
 77 100
 123 16.5 27.1 40.7#
 65 94.2 12.6 18.8#



#25
 Isophorone
 Concen: 8.30 ng
 RT: 7.74 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

Tgt Ion: 82 Resp: 49014
 Ion Ratio Lower Upper
 82 100
 95 164.0 5.5 8.3#
 138 7.8 9.7 14.5#





#26

2-Nitrophenol

Concen: 2.73 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampled :

SA(2)

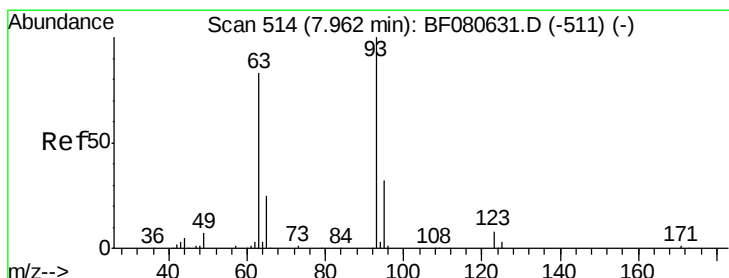
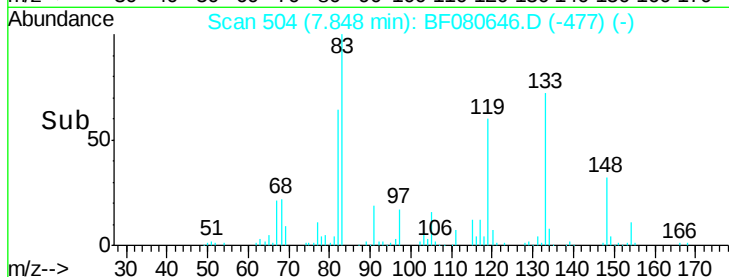
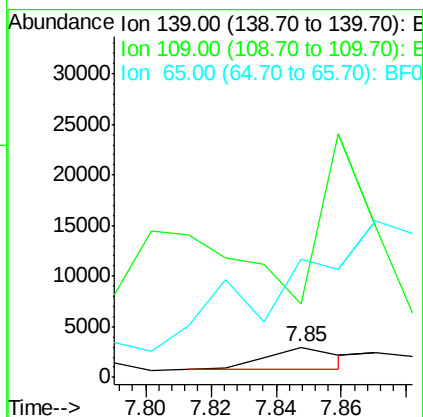
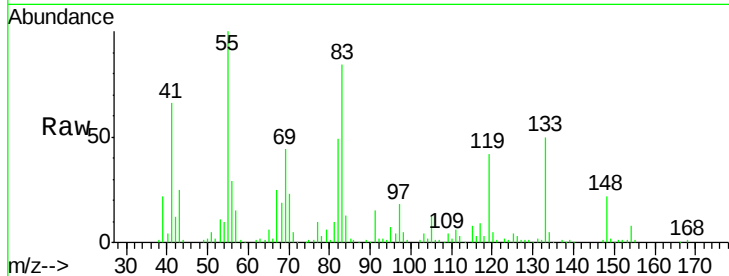
Tgt Ion:139 Resp: 3344

Ion Ratio Lower Upper

139 100

109 247.6 25.0 37.6#

65 396.0 31.4 47.0#



#28

bis(2-Chloroethoxy)methane

Concen: 4.02 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

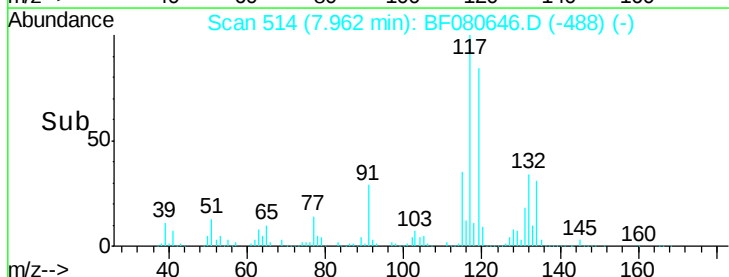
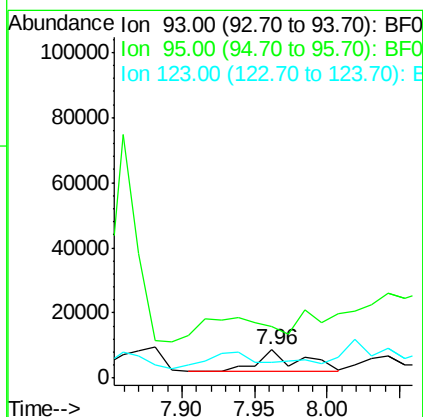
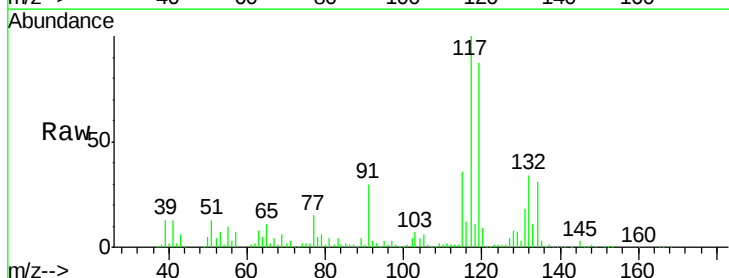
Tgt Ion: 93 Resp: 13753

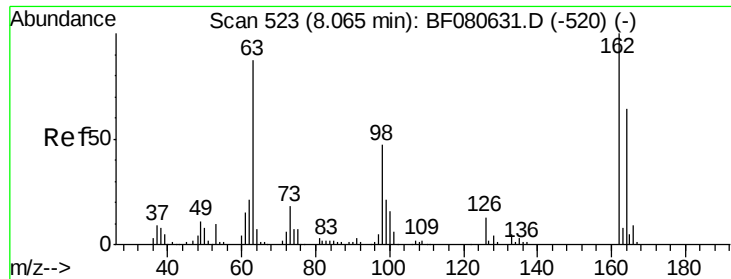
Ion Ratio Lower Upper

93 100

95 184.0 25.4 38.0#

123 54.7 7.2 10.8#

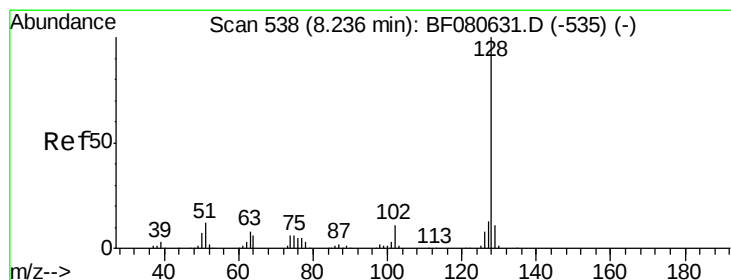
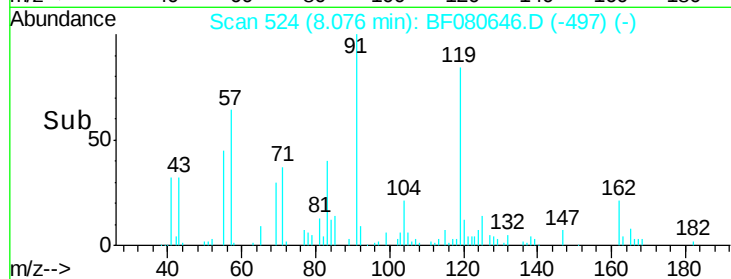
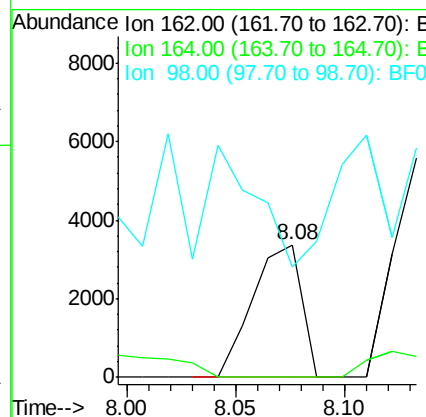
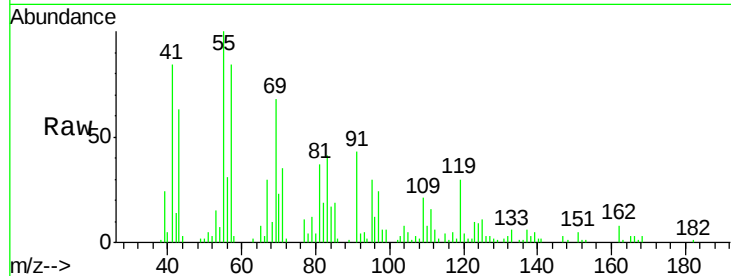




#29
2,4-Dichlorophenol
Concen: 2.26 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

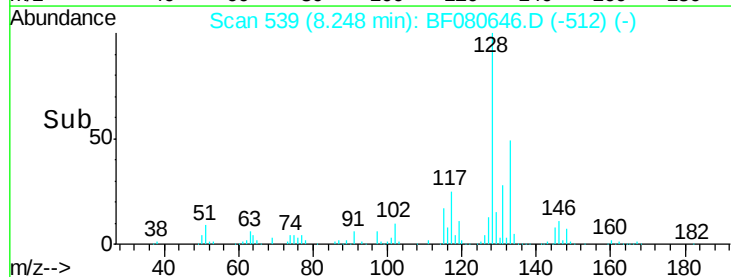
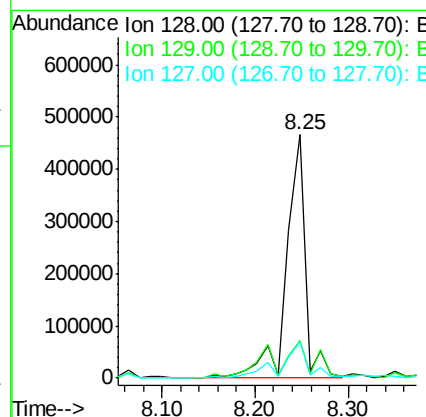
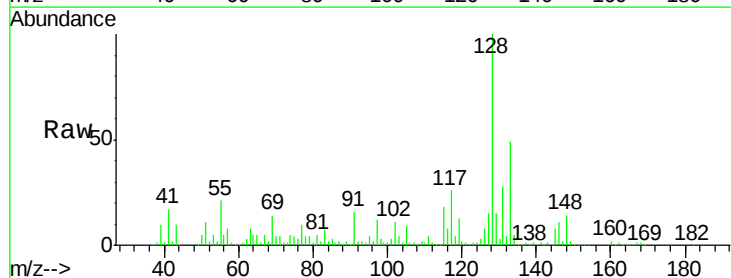
Instrument :
BNA_F
ClientSampleId :
SA(2)

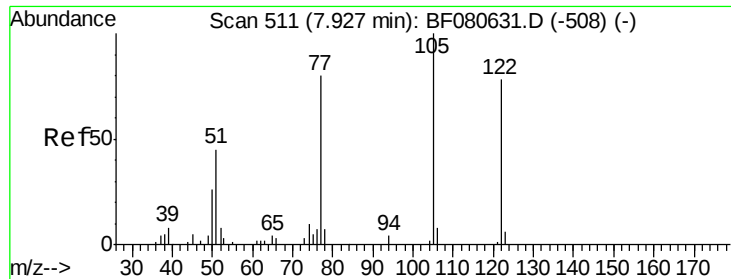
Tgt Ion:162 Resp: 5289
Ion Ratio Lower Upper
162 100
164 0.0 43.9 83.9#
98 83.8 26.5 66.5#



#31
Naphthalene
Concen: 76.36 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion:128 Resp: 646771
Ion Ratio Lower Upper
128 100
129 15.3 9.0 13.6#
127 15.0 10.6 15.8

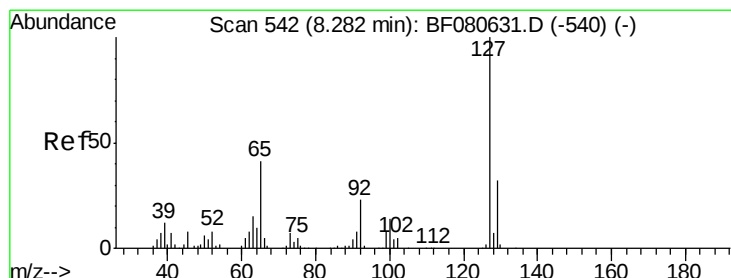
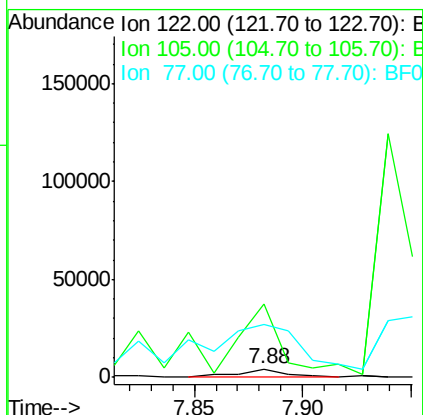
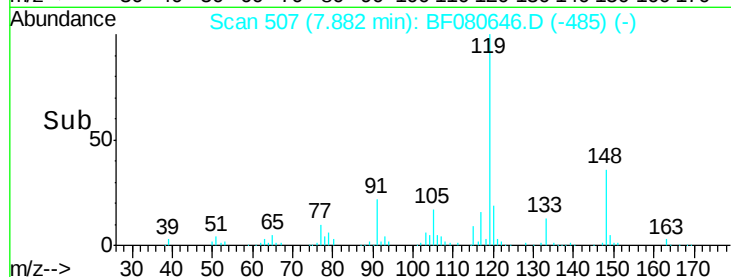
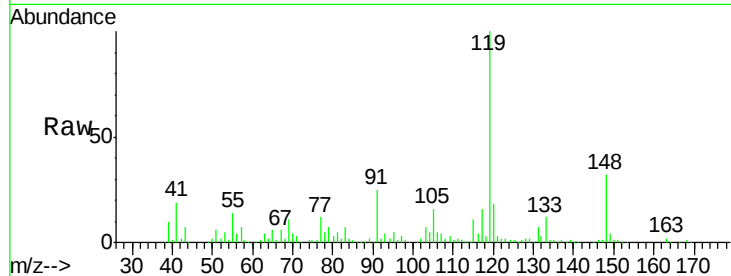




#32
Benzoic acid
Concen: 10.39 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.05 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

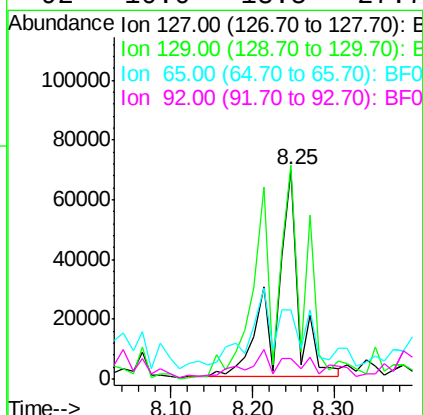
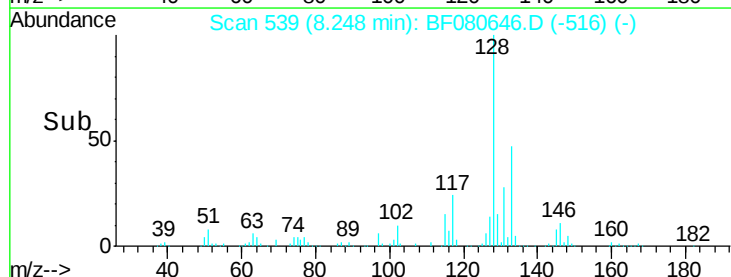
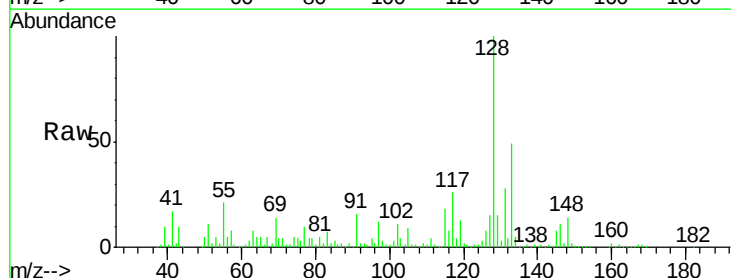
Instrument :
BNA_F
ClientSampleId :
SA(2)

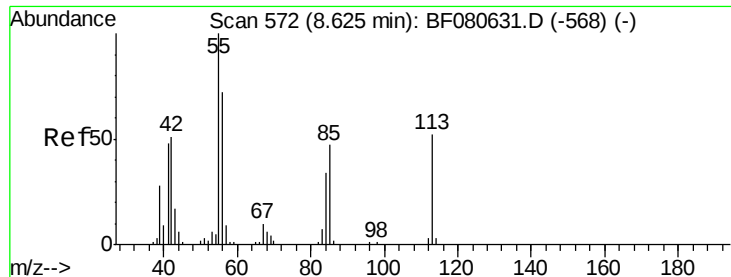
Tgt Ion:122 Resp: 6565
Ion Ratio Lower Upper
122 100
105 885.4 107.9 147.9#
77 639.1 84.3 124.3#



#33
4-Chloroaniline
Concen: 37.43 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion:127 Resp: 139259
Ion Ratio Lower Upper
127 100
129 102.2 25.8 38.6#
65 33.0 32.5 48.7
92 10.0 18.5 27.7#





#35

Caprolactam

Concen: 111.95 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

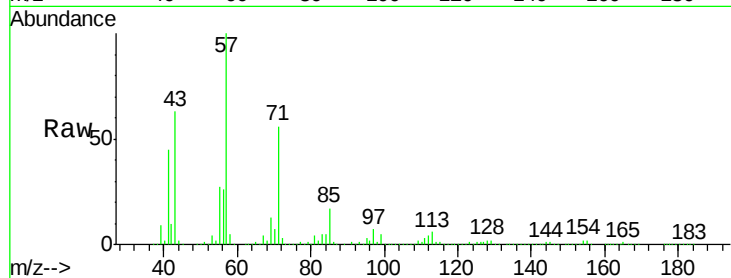
Tgt Ion:113 Resp: 74981

Ion Ratio Lower Upper

113 100

55 437.7 170.7 210.7#

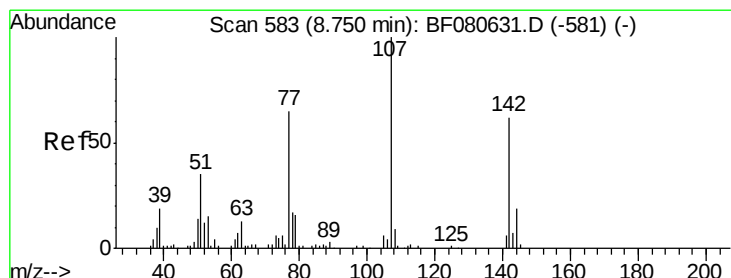
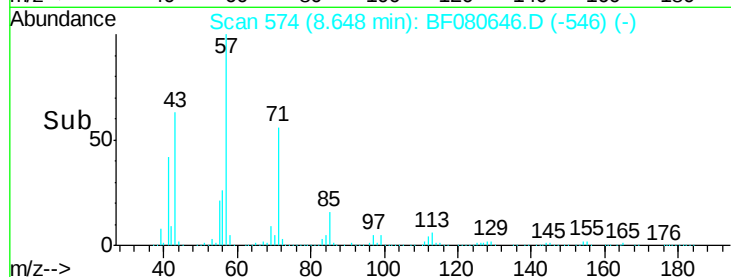
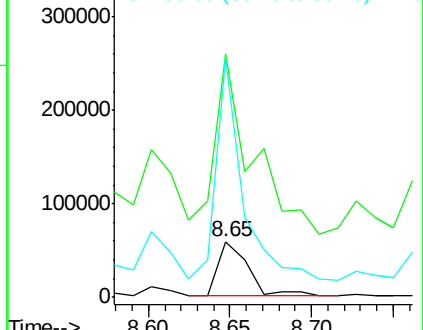
56 432.1 118.2 158.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 4.07 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

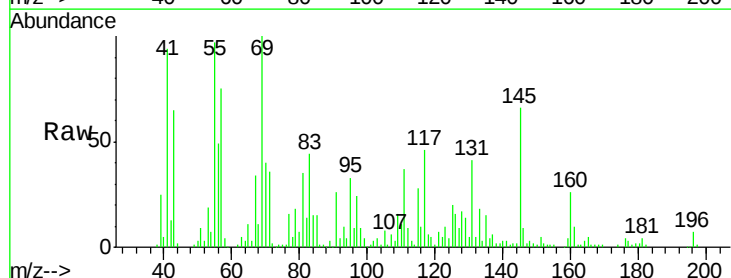
Tgt Ion:107 Resp: 10220

Ion Ratio Lower Upper

107 100

144 35.1 15.0 22.6#

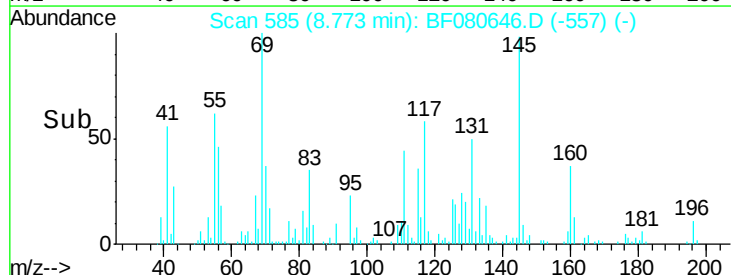
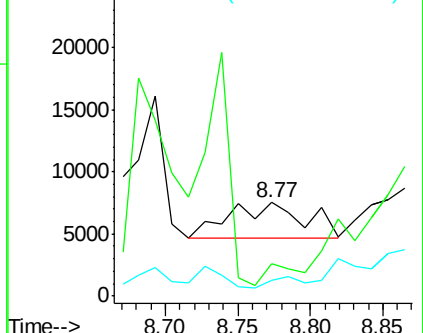
142 17.3 49.5 74.3#

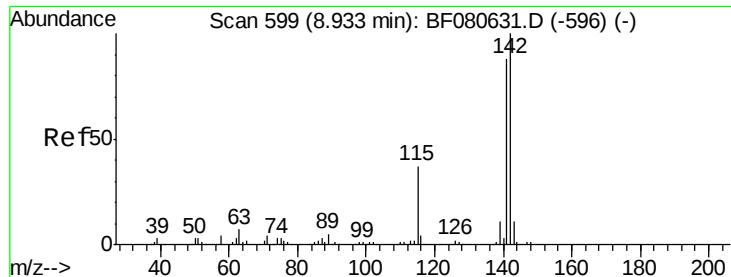


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

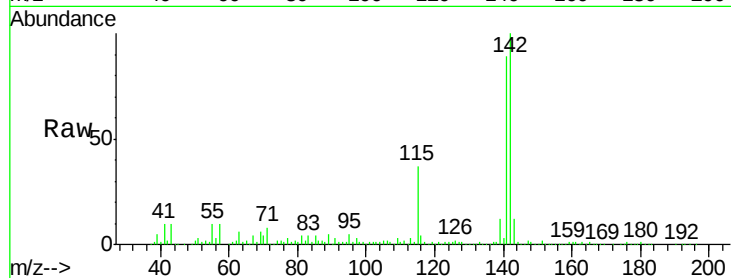




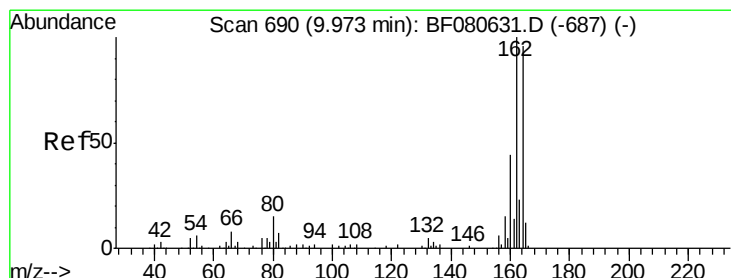
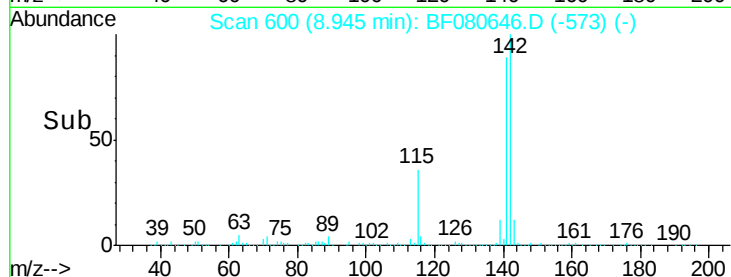
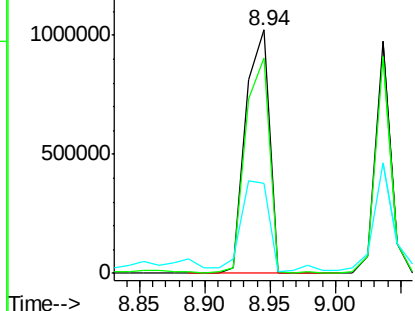
#37
2-Methylnaphthalene
Concen: 212.12 ng
RT: 8.94 min Scan# 600
Delta R.T. 0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Instrument :
BNA_F
ClientSampleId :
SA(2)

Tgt Ion:142 Resp: 1280297
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1
115 36.8 29.3 43.9

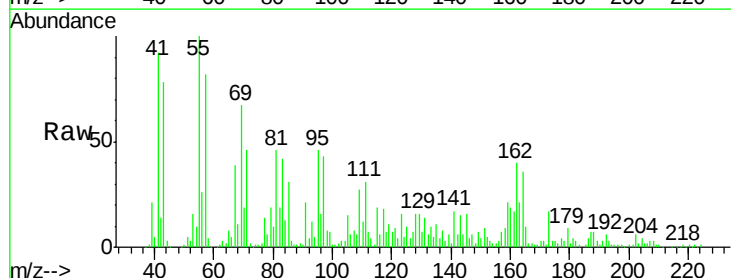


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

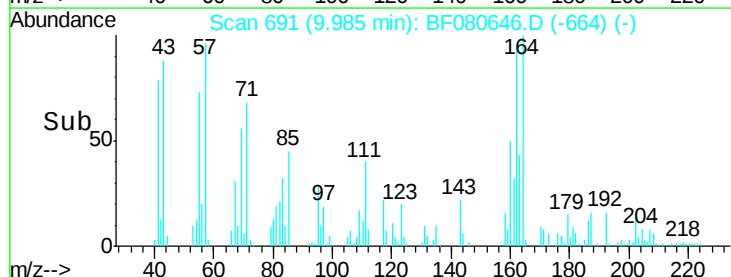
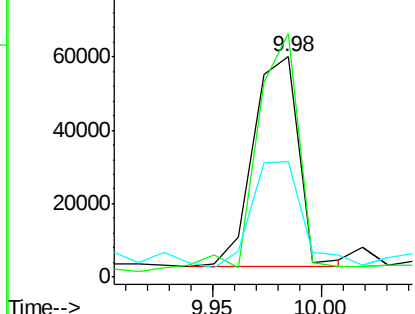


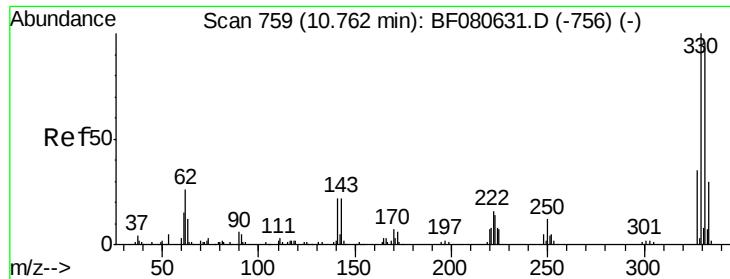
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion:164 Resp: 83425
Ion Ratio Lower Upper
164 100
162 110.5 83.3 124.9
160 52.7 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

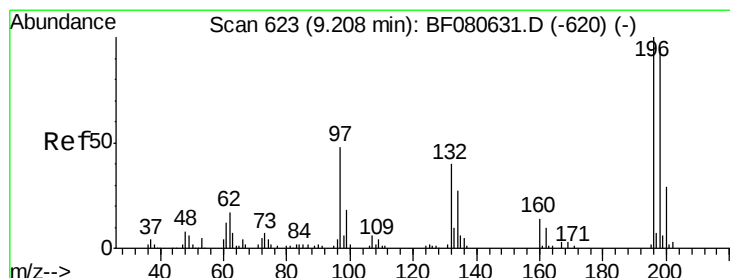
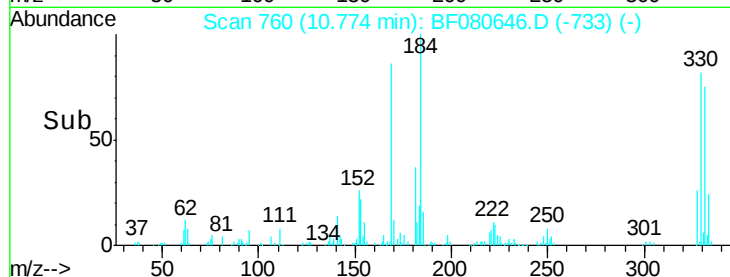
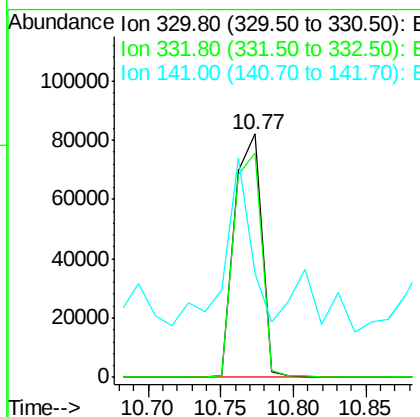
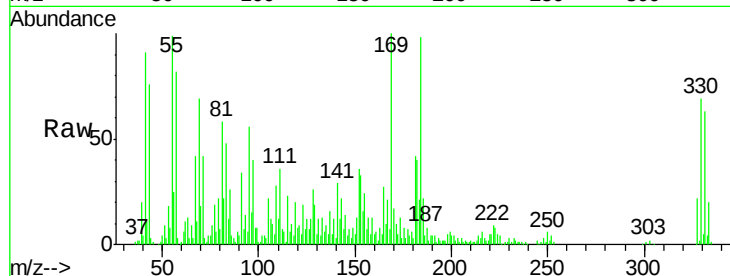




#41
 2,4,6-Tribromophenol
 Concen: 142.25 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

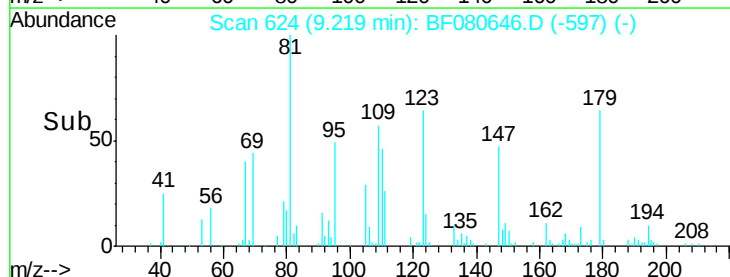
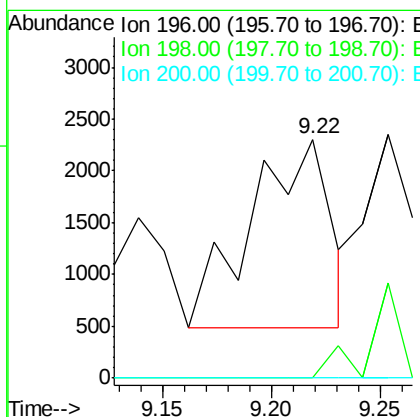
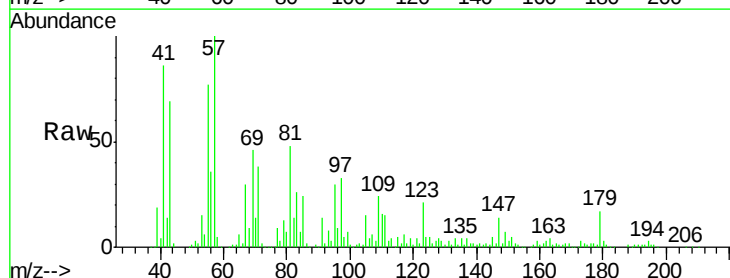
Instrument :
 BNA_F
 ClientSampleId :
 SA(2)

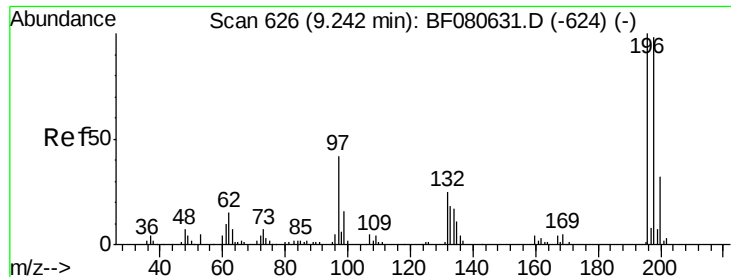
Tgt Ion:330 Resp: 106621
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.7 115.1
 141 64.8 32.7 49.1#



#42
 2,4,6-Trichlorophenol
 Concen: 2.80 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

Tgt Ion:196 Resp: 4605
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.8 113.8#
 200 0.0 23.5 35.3#

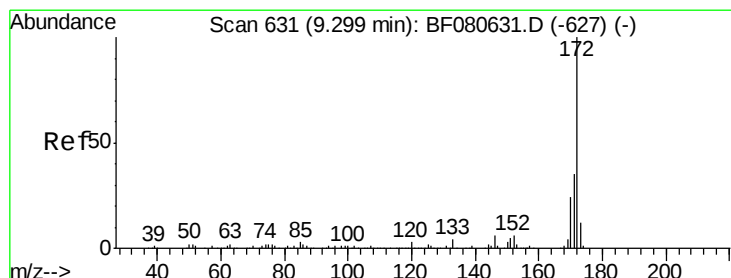
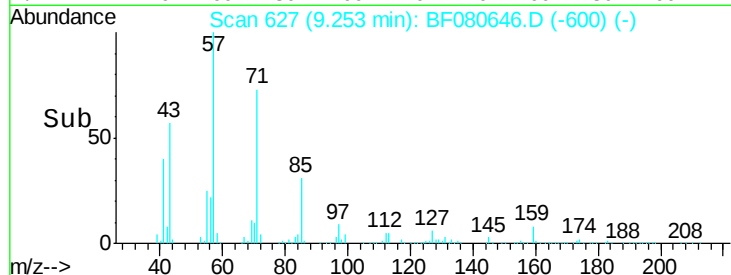
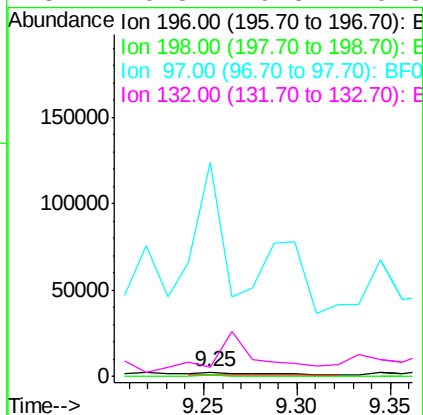
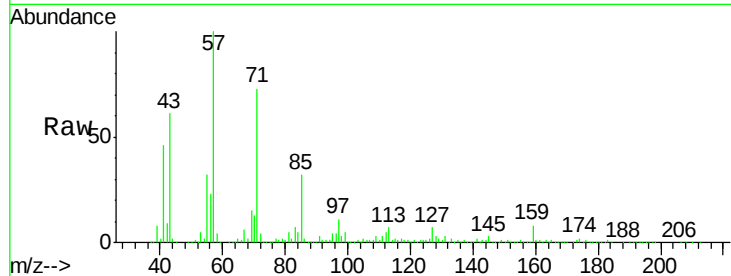




#43
 2,4,5-Trichlorophenol
 Concen: 2.10 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.01 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

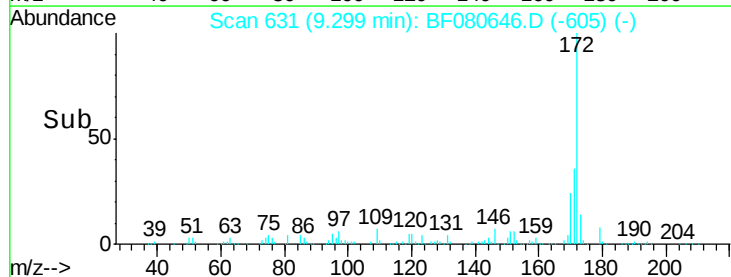
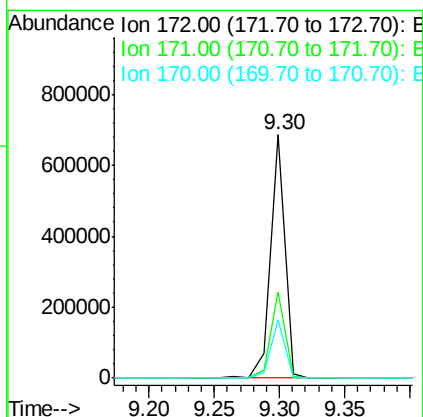
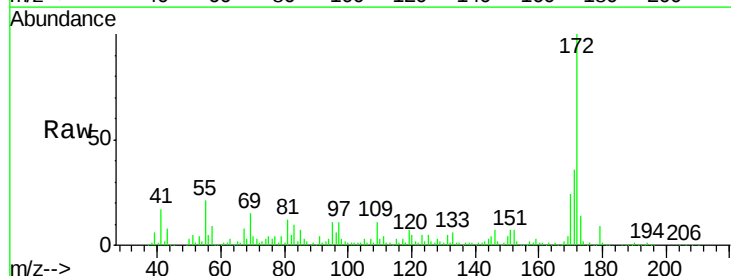
Instrument :
 BNA_F
 ClientSampleId :
 SA(2)

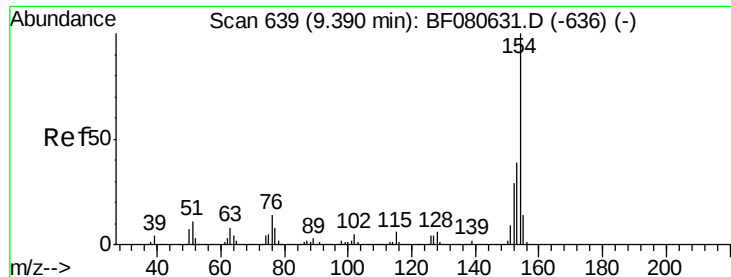
Tgt Ion:196 Resp: 3621
 Ion Ratio Lower Upper
 196 100
 198 39.3 78.3 117.5#
 97 5258.4 33.1 49.7#
 132 226.8 19.8 29.8#



#44
 2-Fluorobiphenyl
 Concen: 98.98 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080646.D
 Acq: 25 Jul 2015 1:12

Tgt Ion:172 Resp: 535192
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.7 41.5
 170 23.7 19.0 28.4





#45

1,1'-Biphenyl

Concen: 23.05 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

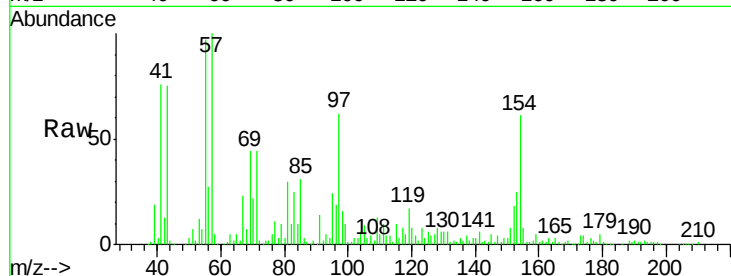
Tgt Ion:154 Resp: 134360

Ion Ratio Lower Upper

154 100

153 41.6 19.4 59.4

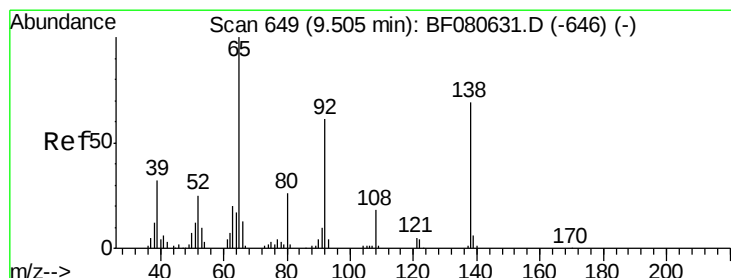
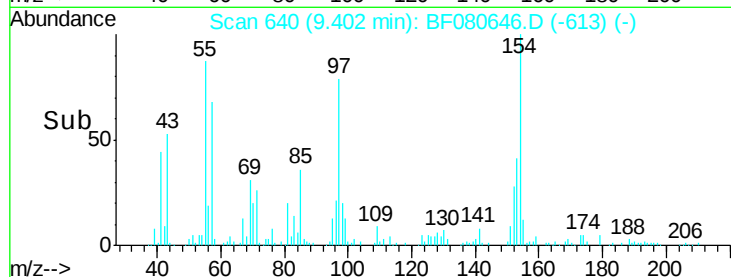
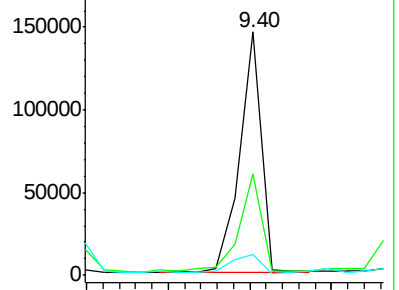
76 8.5 0.0 34.1



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: 4.67 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

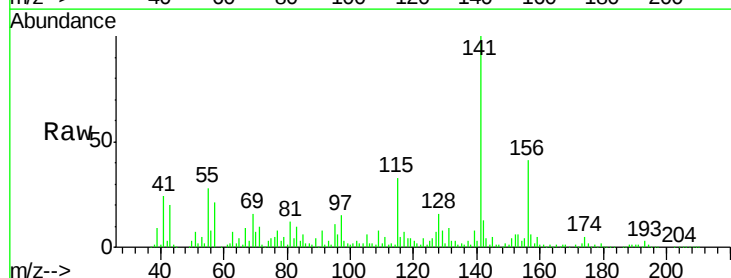
Tgt Ion: 65 Resp: 6985

Ion Ratio Lower Upper

65 100

92 32.6 48.7 73.1#

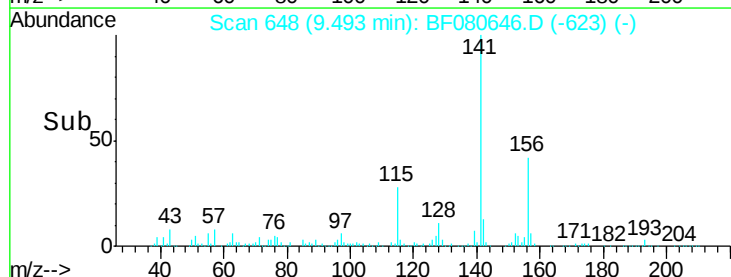
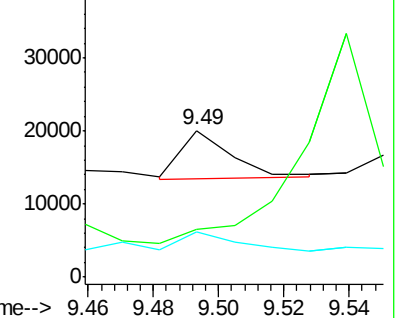
138 30.6 55.4 83.2#

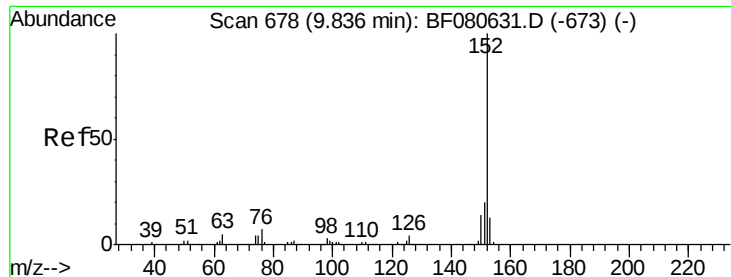


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 4.62 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

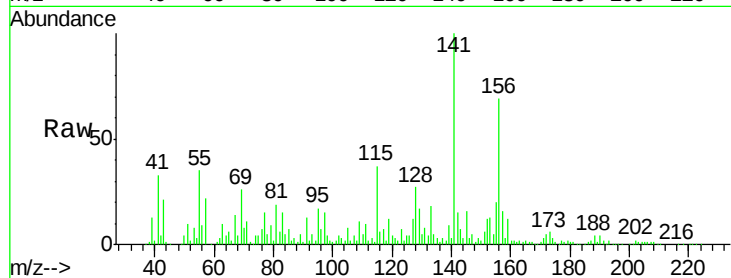
Tgt Ion:152 Resp: 38146

Ion Ratio Lower Upper

152 100

151 52.4 16.3 24.5#

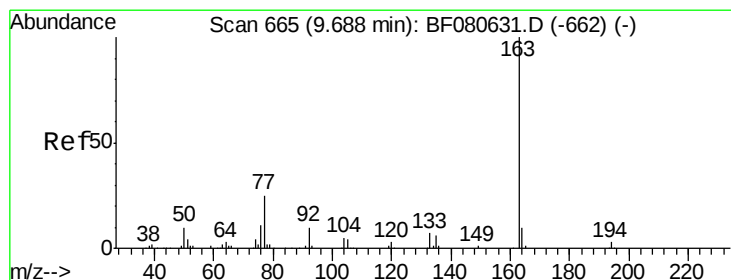
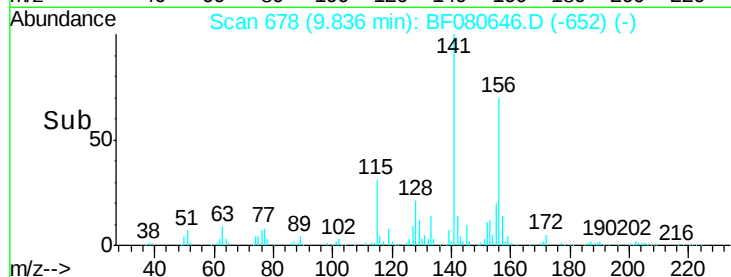
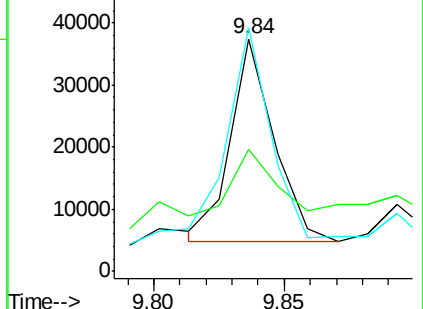
153 104.9 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 15.35 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

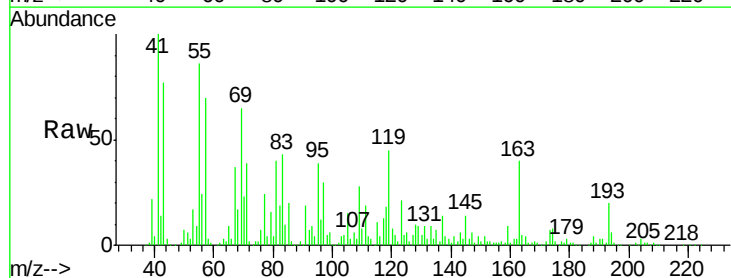
Tgt Ion:163 Resp: 91601

Ion Ratio Lower Upper

163 100

194 14.4 2.5 3.7#

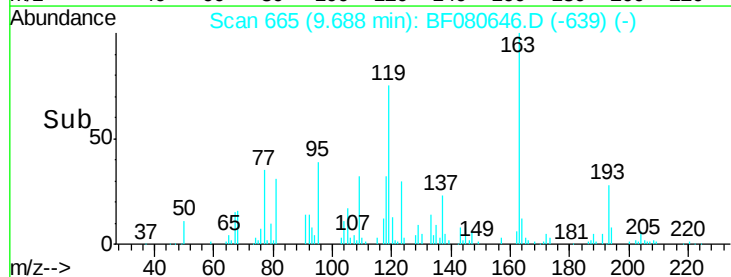
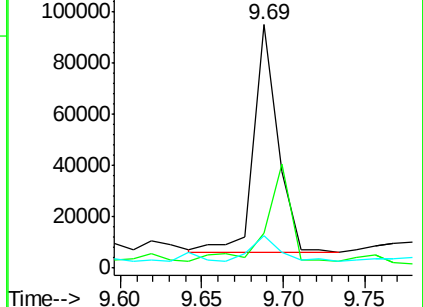
164 13.1 8.0 12.0#

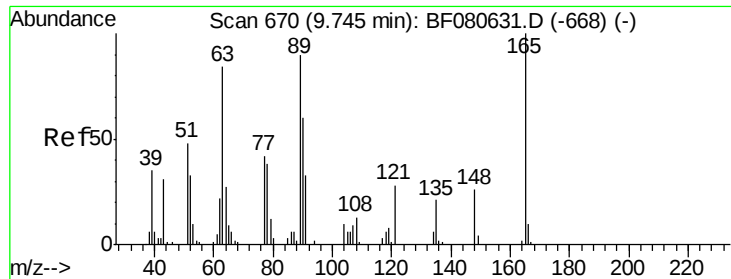


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 3.63 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

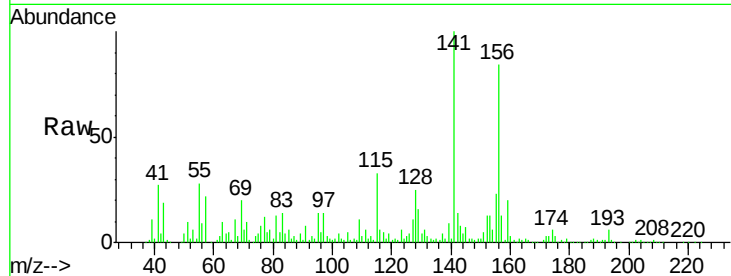
Tgt Ion:165 Resp: 3866

Ion Ratio Lower Upper

165 100

63 431.3 84.0 126.0#

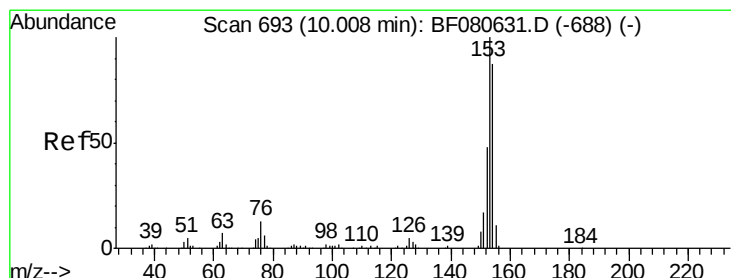
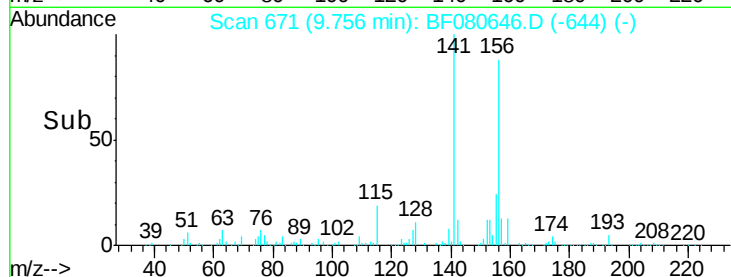
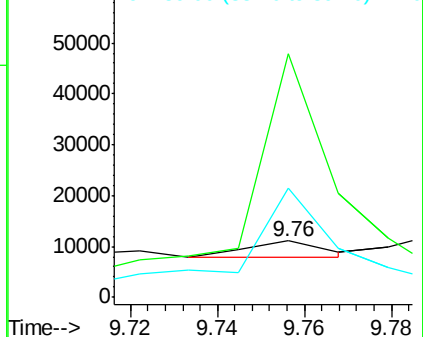
89 193.7 71.7 107.5#



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: 15.57 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

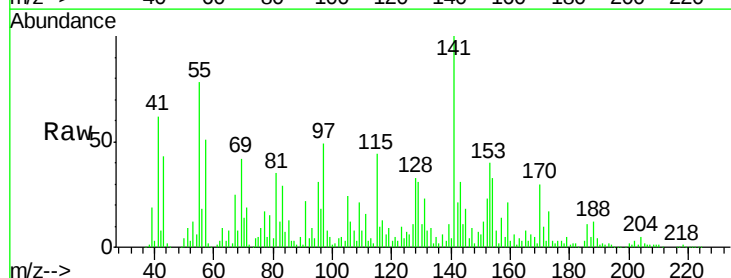
Tgt Ion:154 Resp: 78014

Ion Ratio Lower Upper

154 100

153 121.1 91.6 137.4

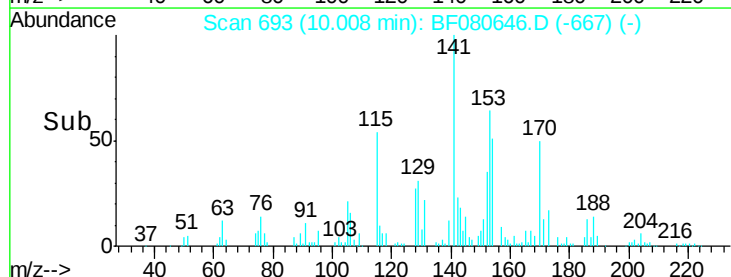
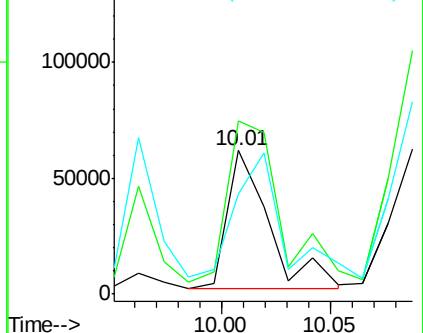
152 69.8 44.0 66.0#

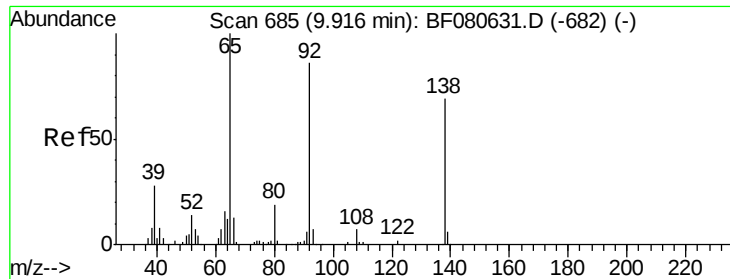


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 4.15 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

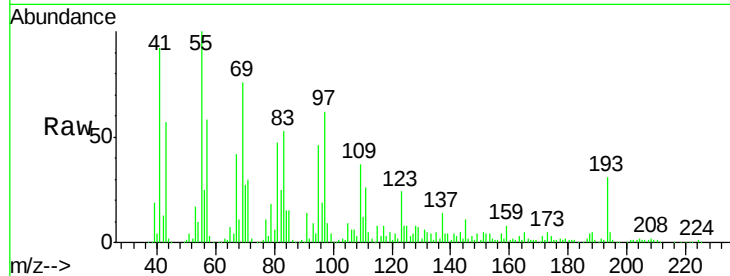
Tgt Ion:138 Resp: 5264

Ion Ratio Lower Upper

138 100

108 80.9 8.6 13.0#

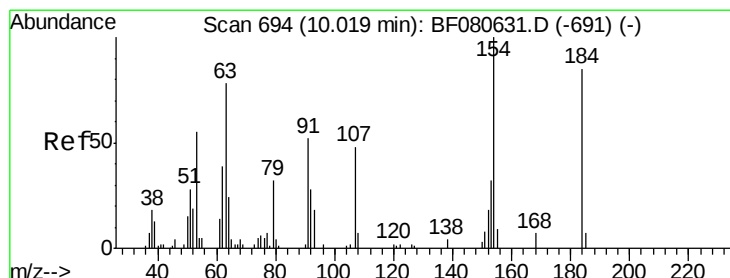
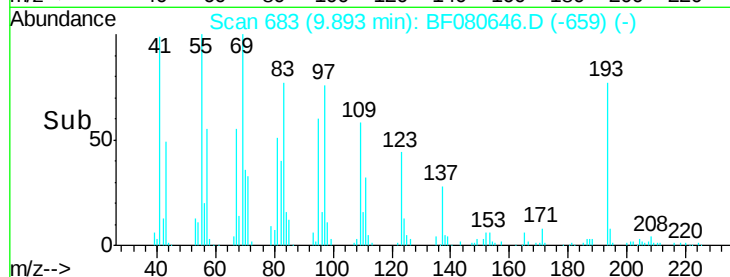
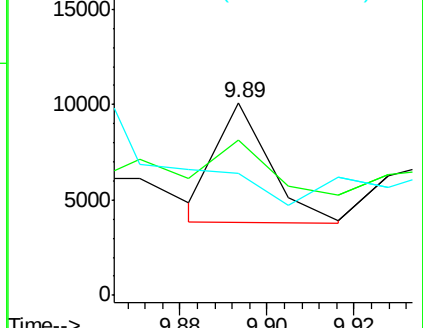
92 63.3 100.1 150.1#



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



#53

2,4-Dinitrophenol

Concen: 6.06 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

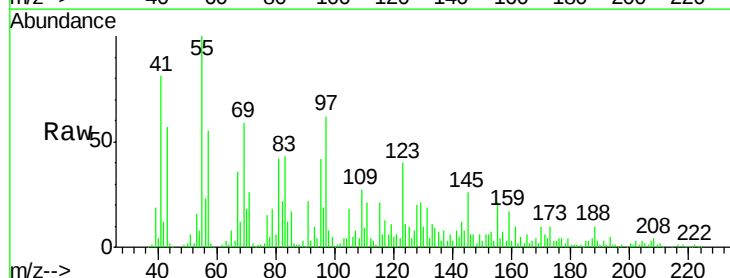
Tgt Ion:184 Resp: 668

Ion Ratio Lower Upper

184 100

63 1095.6 73.4 110.0#

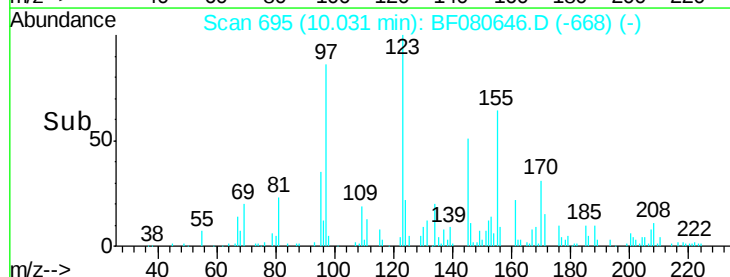
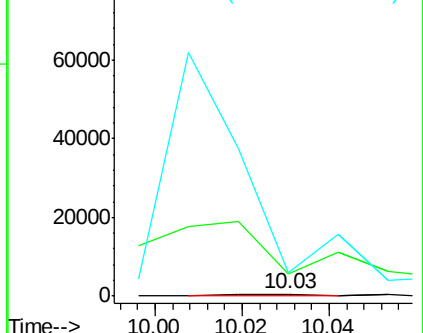
154 1129.7 94.2 141.4#

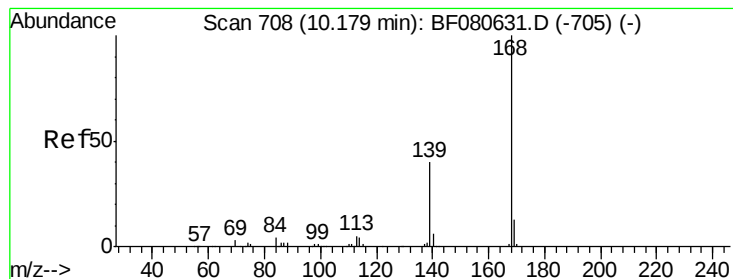


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 8.35 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

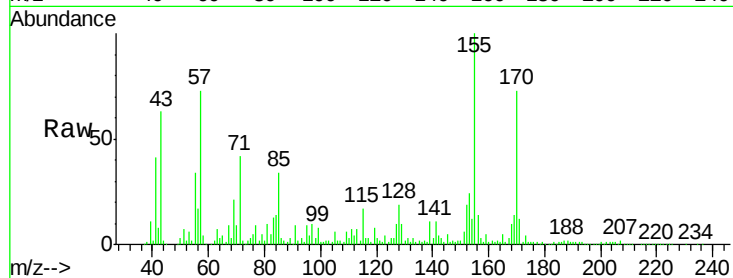
Tgt Ion:168 Resp: 59660

Ion Ratio Lower Upper

168 100

139 110.4 32.2 48.4#

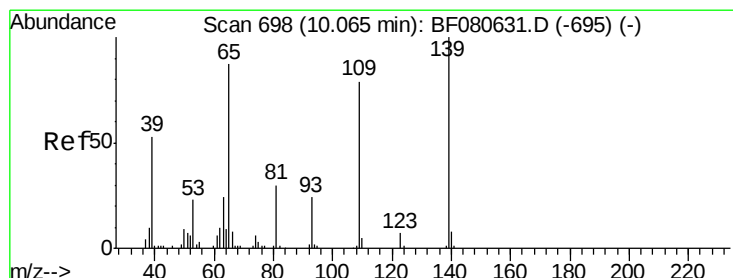
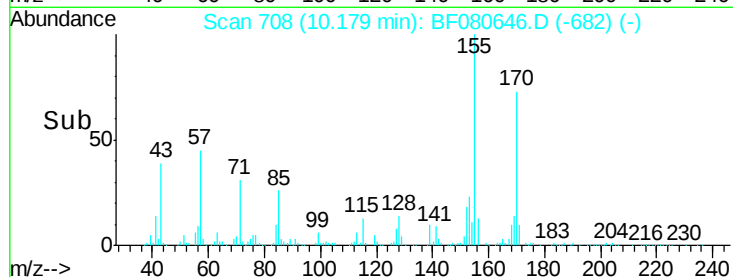
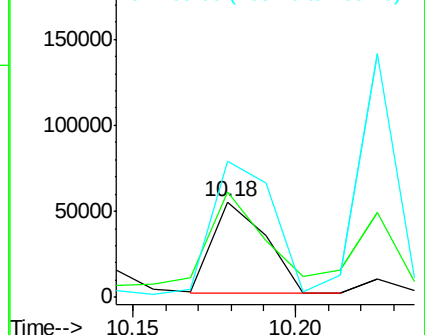
169 142.5 10.2 15.2#



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: 71.28 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

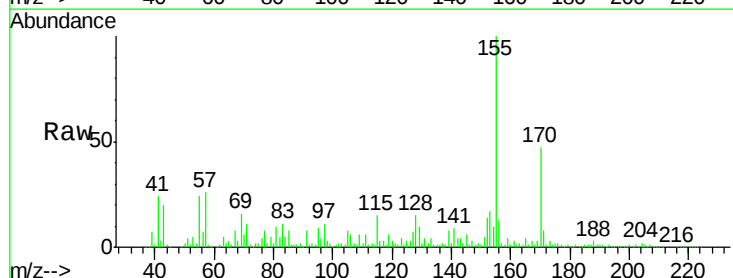
Tgt Ion:139 Resp: 71322

Ion Ratio Lower Upper

139 100

109 75.2 59.4 99.4

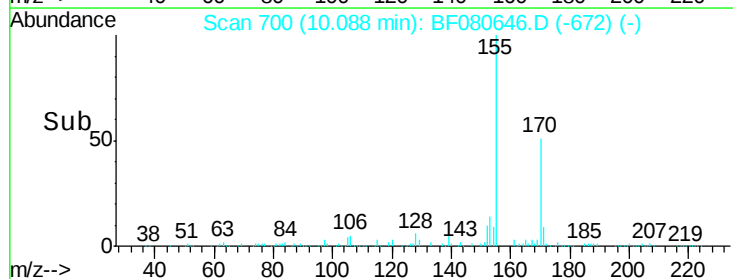
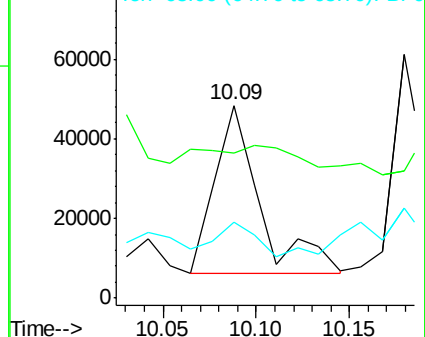
65 39.6 67.4 107.4#

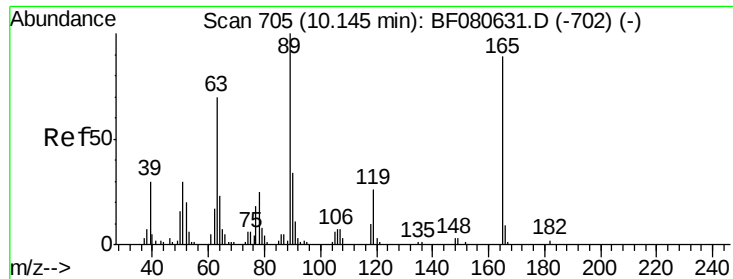


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

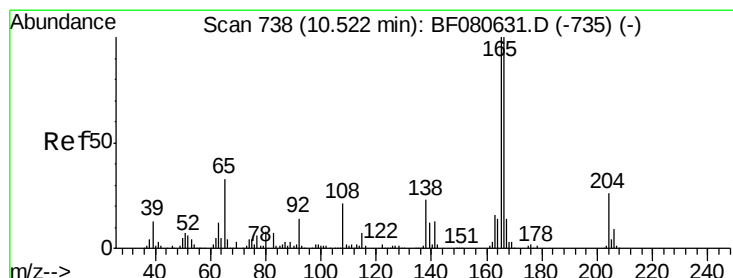
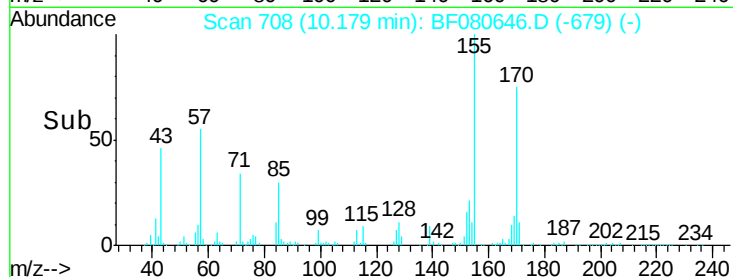
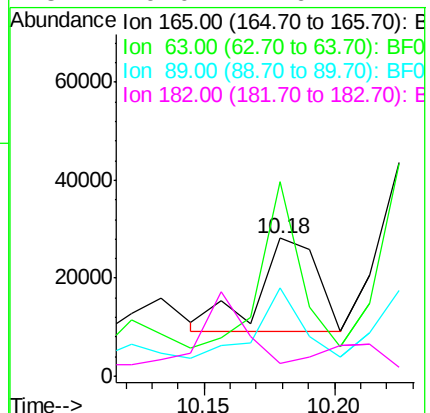
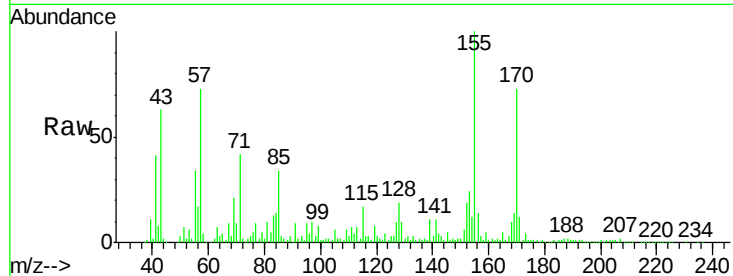




#56
2,4-Dinitrotoluene
Concen: 21.03 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.03 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

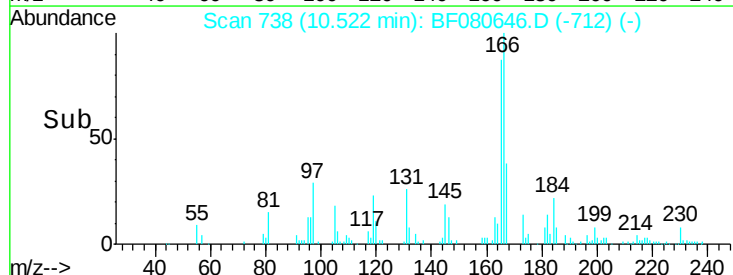
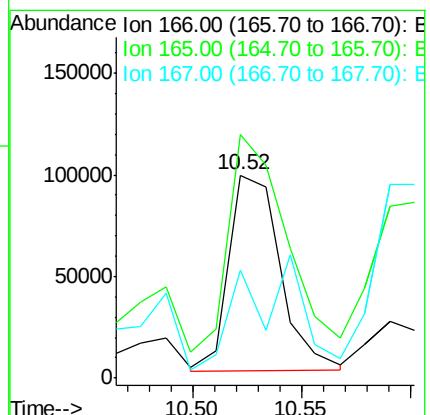
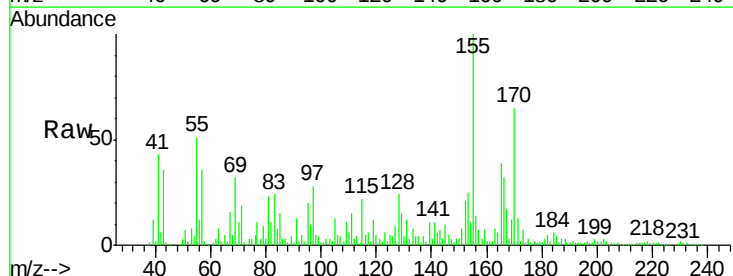
Instrument :
BNA_F
ClientSampleId :
SA(2)

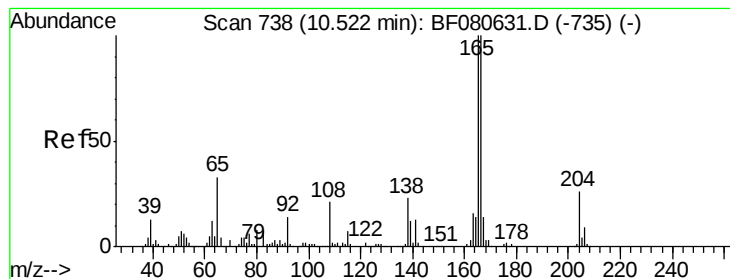
Tgt Ion:165 Resp: 29610
Ion Ratio Lower Upper
165 100
63 140.8 63.0 94.4#
89 63.8 90.2 135.2#
182 9.0 1.6 2.4#



#57
Fluorene
Concen: 28.17 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion:166 Resp: 158531
Ion Ratio Lower Upper
166 100
165 120.1 80.0 120.0#
167 53.3 10.8 16.2#





#61

4-Nitroaniline

Concen: 2.76 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

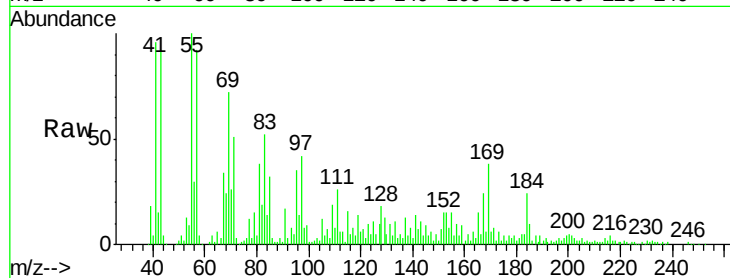
Tgt Ion:138 Resp: 3403

Ion Ratio Lower Upper

138 100

92 68.0 38.2 78.2

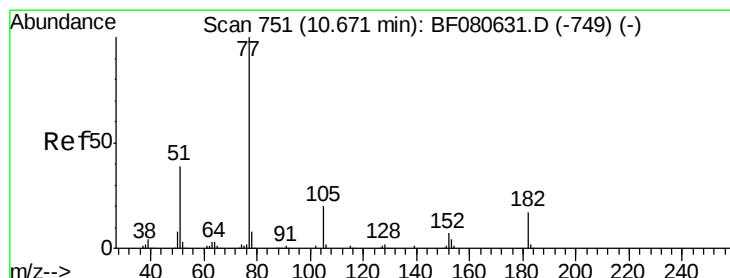
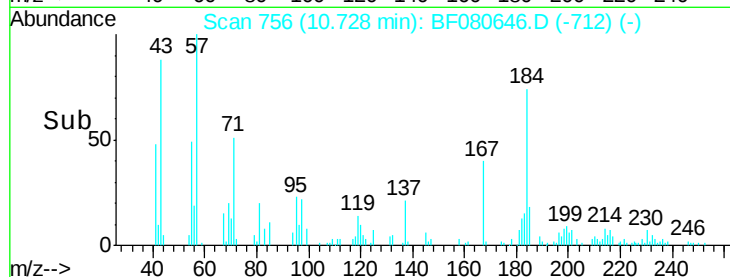
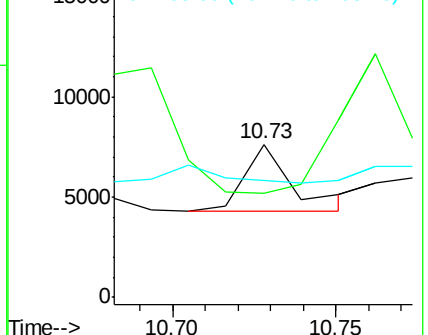
108 76.2 70.7 110.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 3.33 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Tgt Ion: 77 Resp: 18906

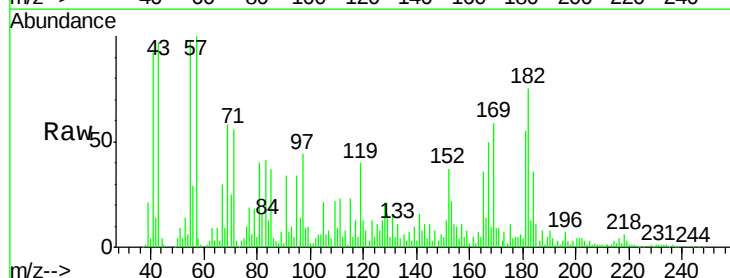
Ion Ratio Lower Upper

77 100

182 400.2 0.0 36.7#

105 109.7 0.0 39.6#

51 50.3 18.7 58.7

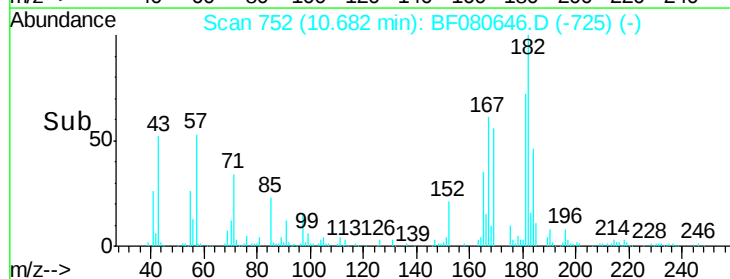
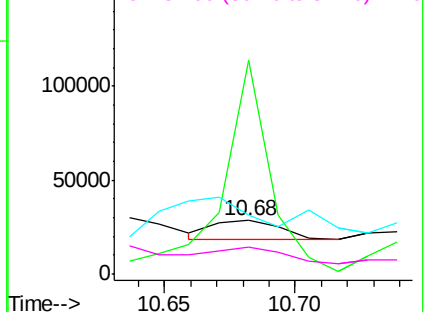


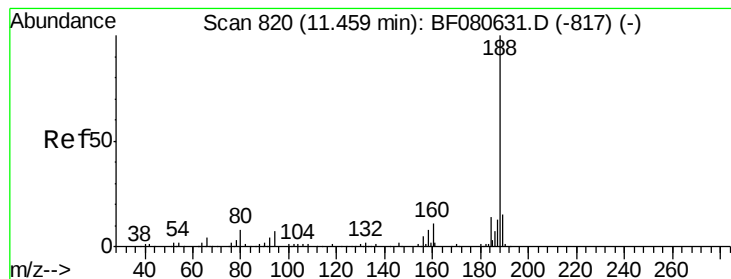
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

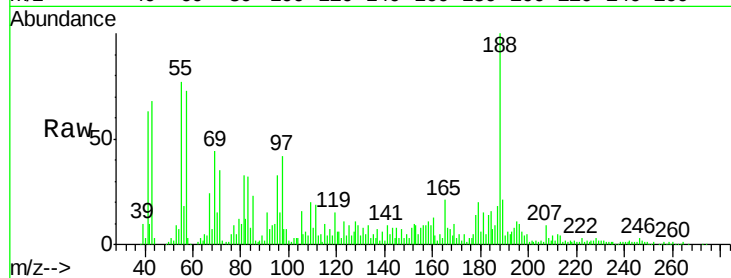
Tgt Ion:188 Resp: 156422

Ion Ratio Lower Upper

188 100

94 10.0 5.6 8.4#

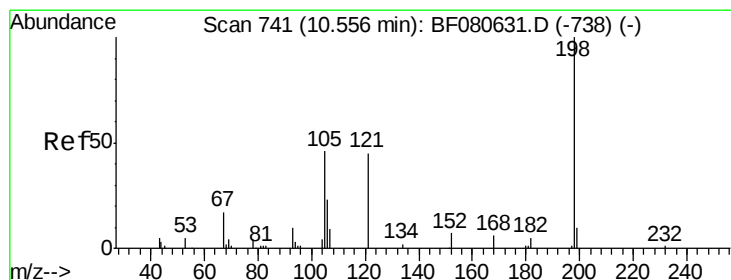
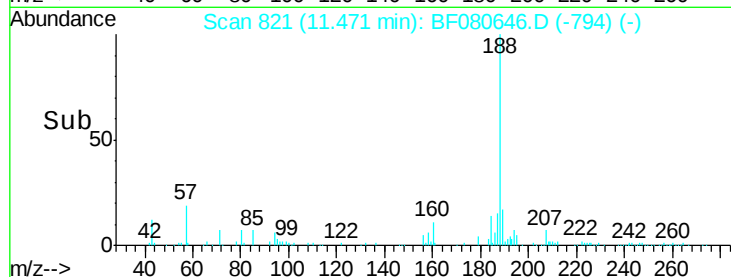
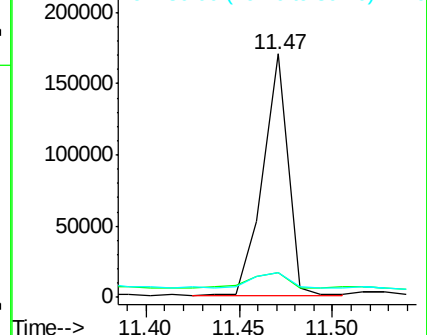
80 10.4 6.1 9.1#



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: 10.62 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

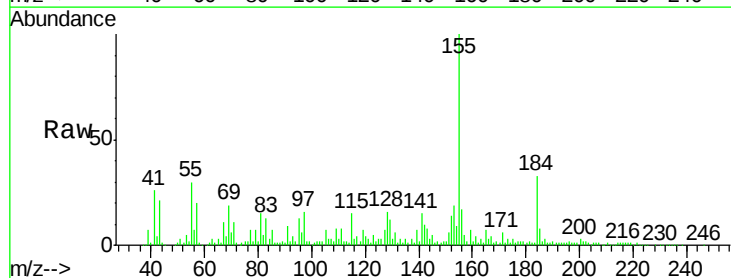
Tgt Ion:198 Resp: 4046

Ion Ratio Lower Upper

198 100

51 627.7 31.1 71.1#

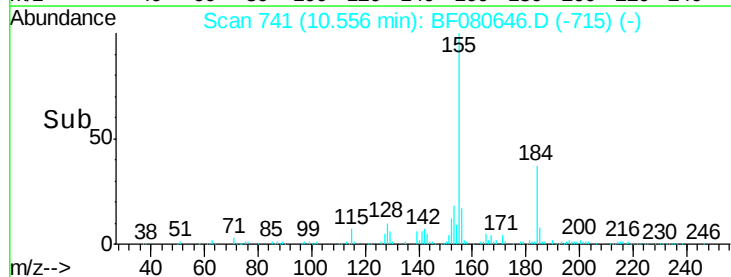
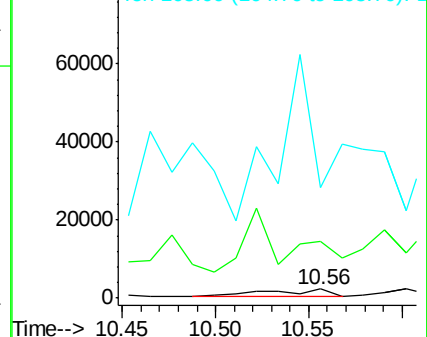
105 1208.6 28.6 68.6#

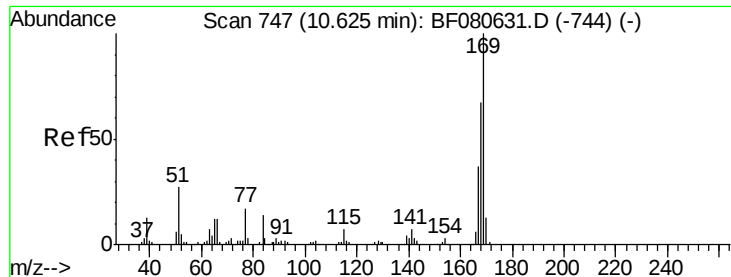


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 68.22 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

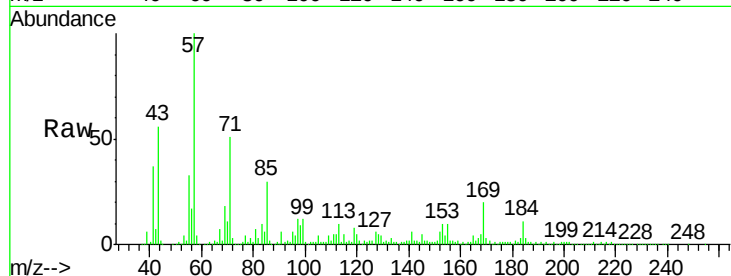
Tgt Ion:169 Resp: 327007

Ion Ratio Lower Upper

169 100

168 23.7 53.4 80.2#

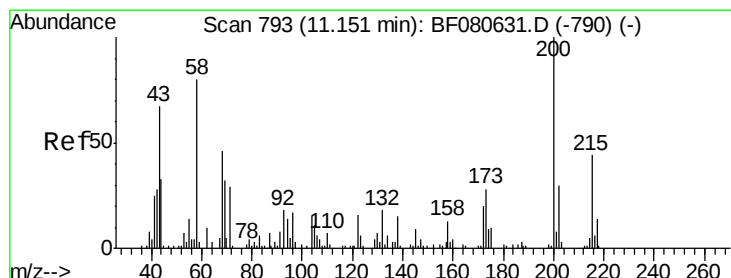
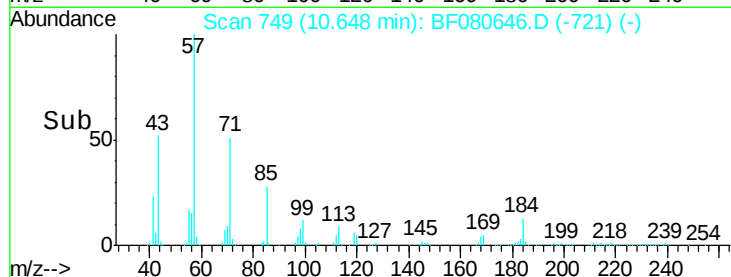
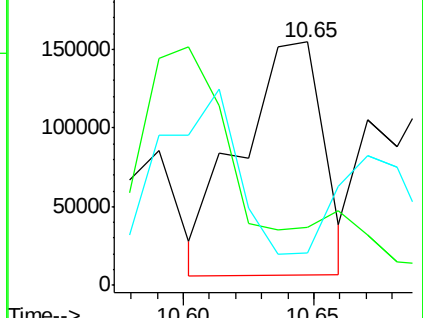
167 13.4 29.4 44.0#



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: 7.97 ng

RT: 11.16 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

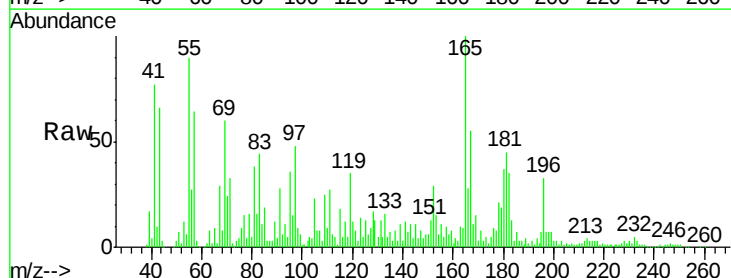
Tgt Ion:200 Resp: 11100

Ion Ratio Lower Upper

200 100

173 137.1 8.6 48.6#

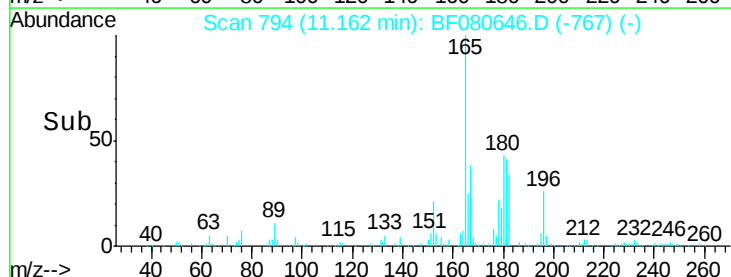
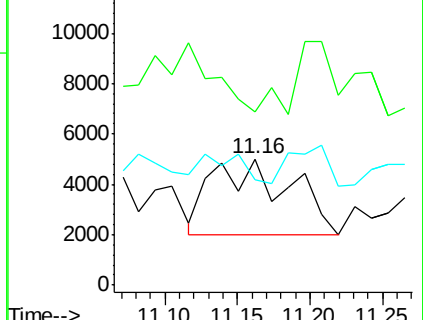
215 84.0 24.1 64.1#

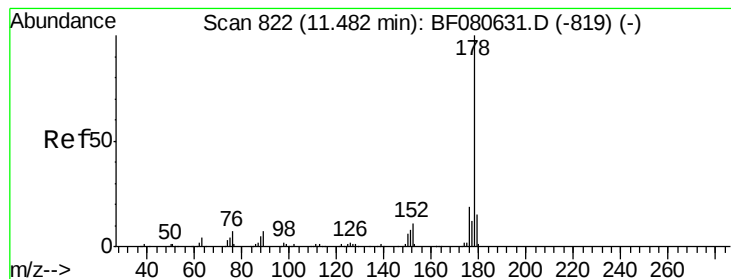


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 69.15 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

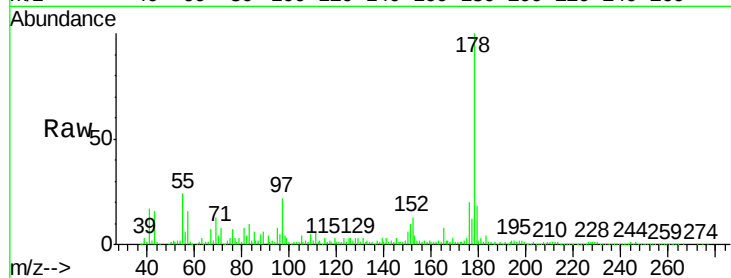
Tgt Ion:178 Resp: 597065

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

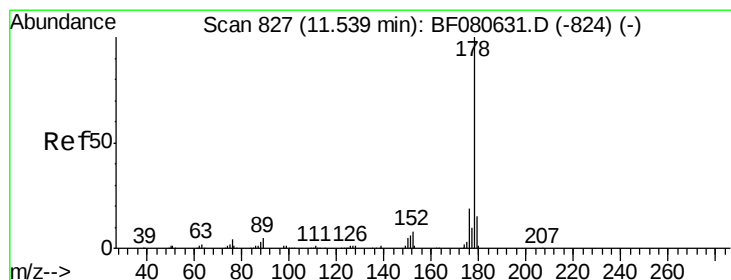
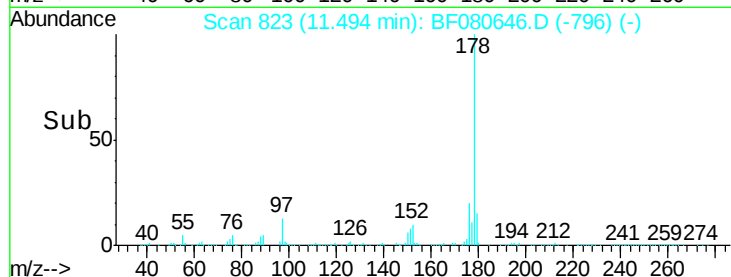
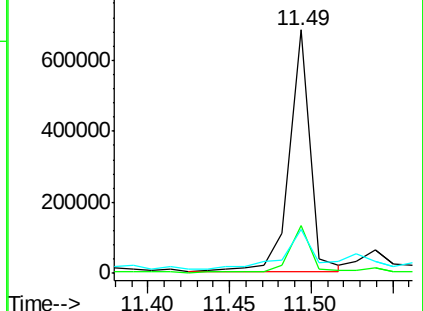
179 18.1 11.8 17.8#



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: 71.69 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

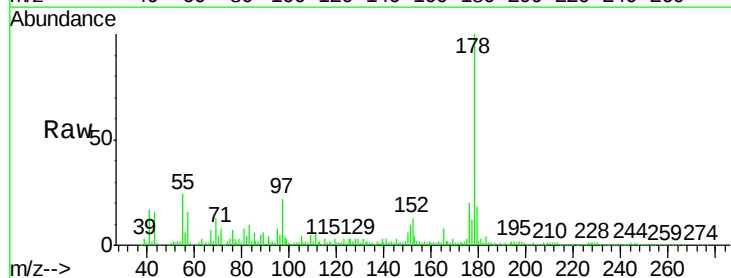
Tgt Ion:178 Resp: 597065

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.6

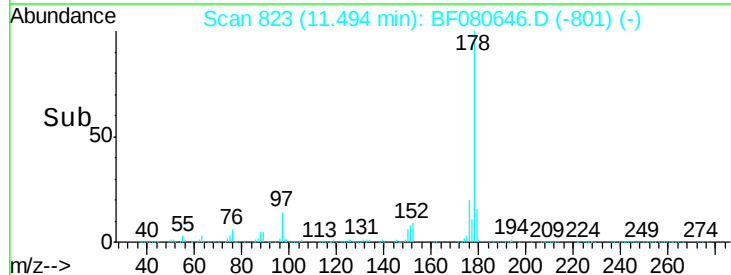
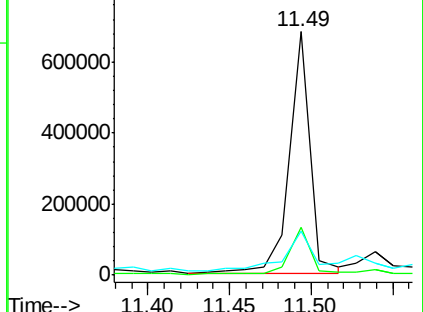
179 18.1 12.1 18.1

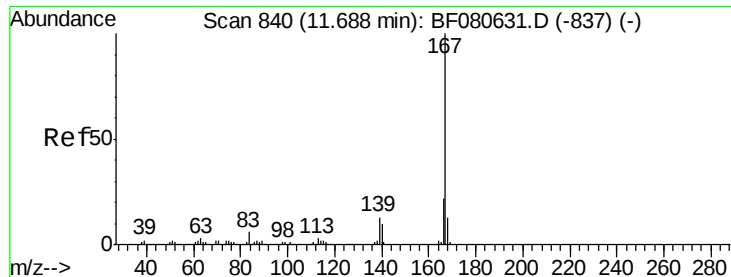


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.97 ng

RT: 11.70 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

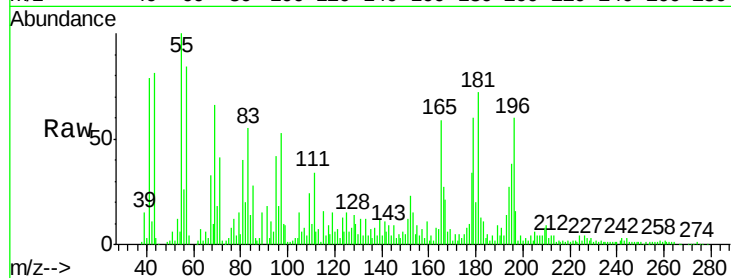
Tgt Ion:167 Resp: 37478

Ion Ratio Lower Upper

167 100

166 127.7 17.9 26.9#

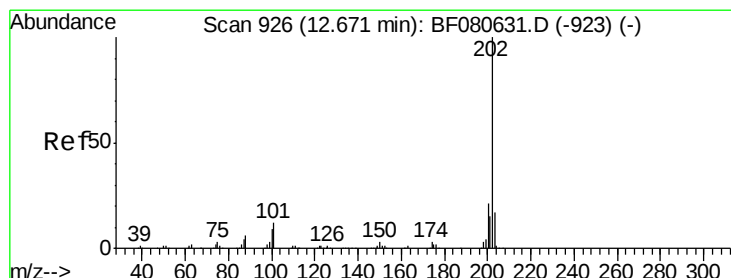
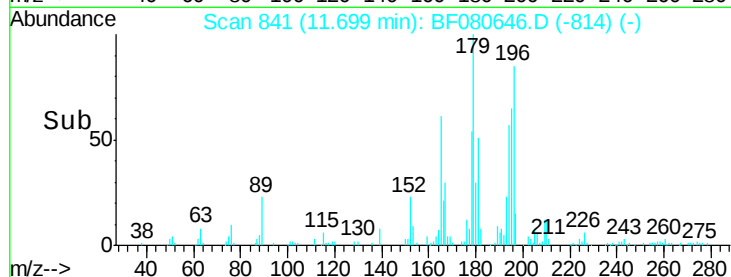
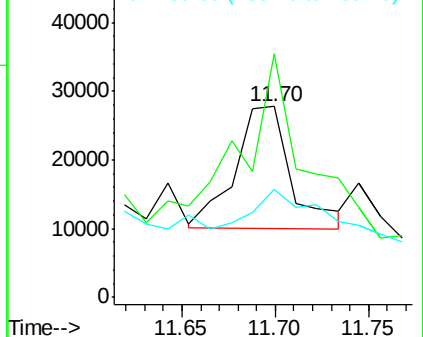
139 56.7 10.6 15.8#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 2.76 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

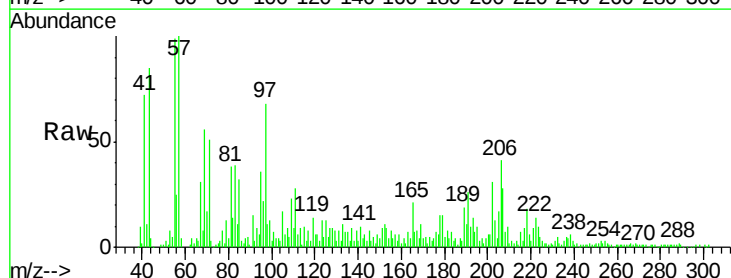
Tgt Ion:202 Resp: 23020

Ion Ratio Lower Upper

202 100

101 22.2 0.0 32.0

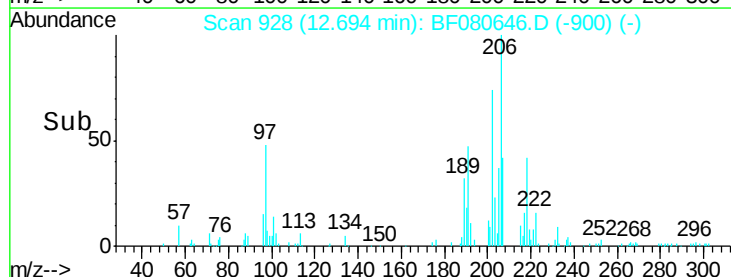
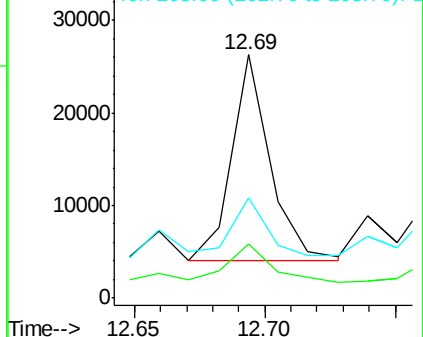
203 41.1 0.0 37.0#

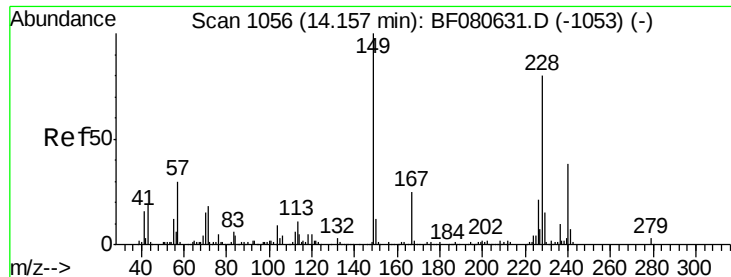


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

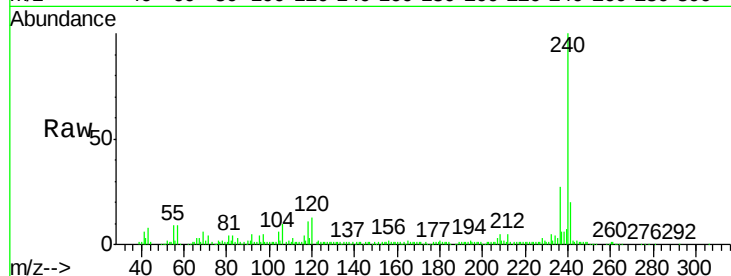




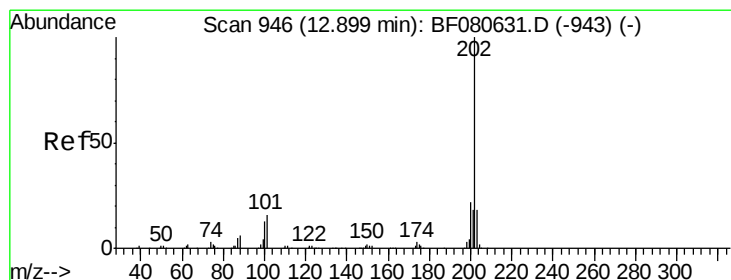
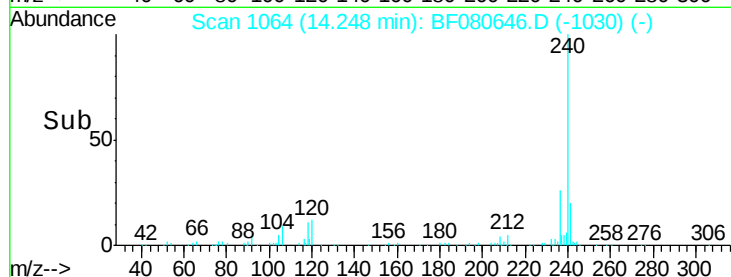
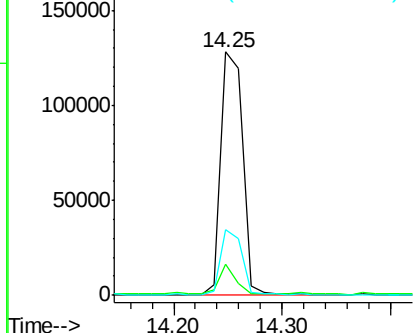
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Instrument :
BNA_F
ClientSampleId :
SA(2)

Tgt Ion:240 Resp: 180298
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 27.0 20.3 30.5

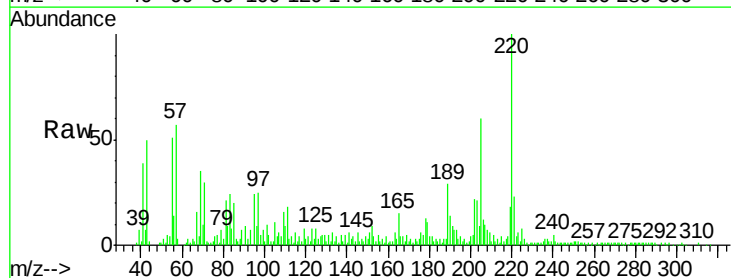


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

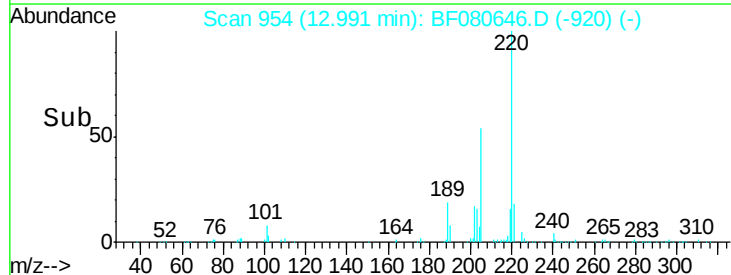
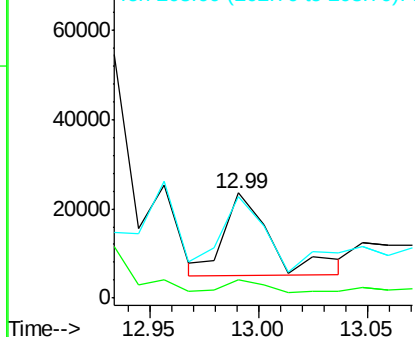


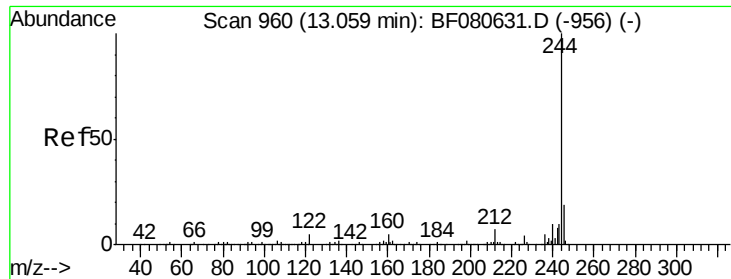
#77
Pyrene
Concen: 2.48 ng
RT: 12.99 min Scan# 954
Delta R.T. 0.09 min
Lab File: BF080646.D
Acq: 25 Jul 2015 1:12

Tgt Ion:202 Resp: 28036
Ion Ratio Lower Upper
202 100
200 16.9 17.4 26.0#
203 96.2 14.6 22.0#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.96 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

Instrument :

BNA_F

ClientSampleId :

SA(2)

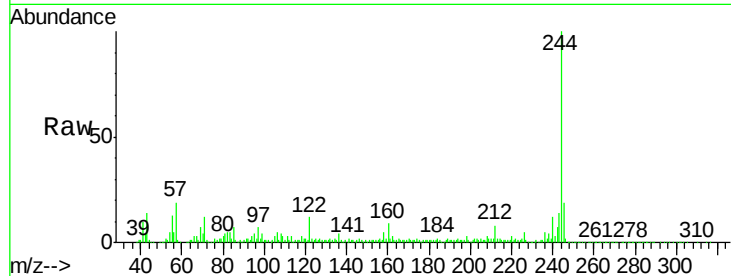
Tgt Ion:244 Resp: 535524

Ion Ratio Lower Upper

244 100

212 8.1 5.2 7.8#

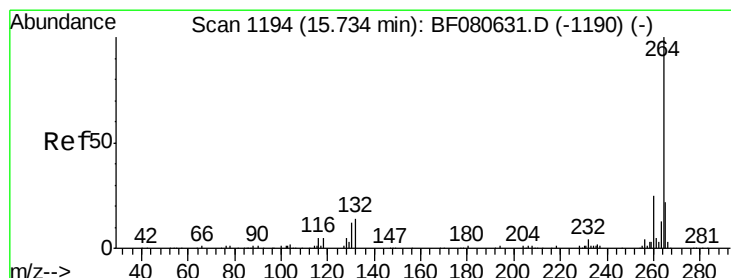
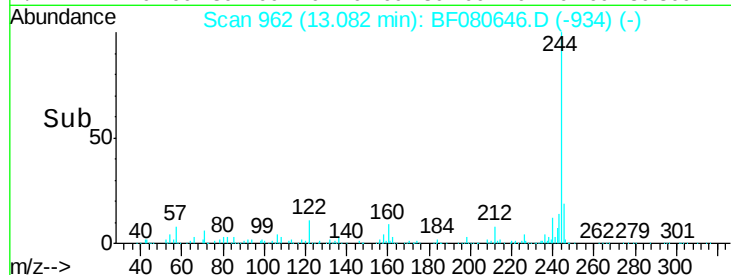
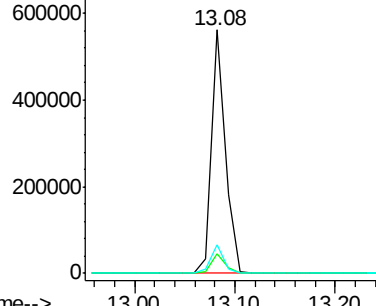
122 11.9 4.1 6.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.92 min Scan# 1210

Delta R.T. 0.18 min

Lab File: BF080646.D

Acq: 25 Jul 2015 1:12

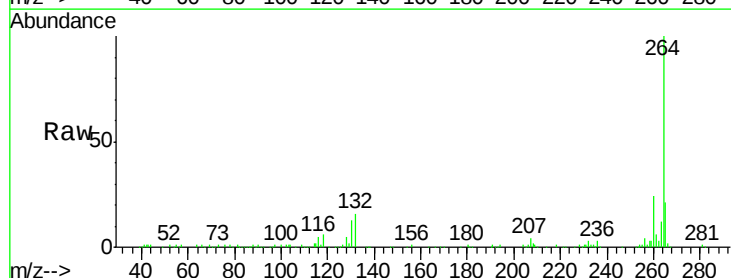
Tgt Ion:264 Resp: 182524

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

