

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077635.D
 Acq On : 6 Mar 2015 21:31
 Operator : TP/IZ
 Sample : G1443-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Mar 06 23:50:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 22:10:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	63603	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	221455	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	110490	20.00	ng	0.01
63) Phenanthrene-d10	12.81	188	209457	20.00	ng	0.02
75) Chrysene-d12	16.08	240	255014	20.00	ng	0.00
86) Perylene-d12	17.80	264	260363	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	13958	3.66	ng	0.00
7) Phenol-d6	6.77	99	58493	11.94	ng	0.00
23) Nitrobenzene-d5	7.88	82	138660	38.94	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.13	172	282413	39.85	ng	0.00
78) Terphenyl-d14	14.80	244	286624	26.28	ng	0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	25018	8.41	ng	# 1
15) Benzyl Alcohol	7.41	79	18419	4.95	ng	# 49
19) n-Nitroso-di-n-propylamine	7.73	70	58152	18.69	ng	# 61
22) Acetophenone	7.70	105	202112	38.80	ng	# 48
24) Nitrobenzene	7.88	77	96740	25.82	ng	# 32
25) Isophorone	8.20	82	127810	18.09	ng	# 1
26) 2-Nitrophenol	8.34	139	19505	12.70	ng	# 1
27) 2,4-Dimethylphenol	8.35	122	17209	5.01	ng	# 30
28) bis(2-Chloroethoxy)methane	8.49	93	16127	3.61	ng	# 1
29) 2,4-Dichlorophenol	8.61	162	15263	4.73	ng	# 1
31) Naphthalene	8.81	128	699278	63.14	ng	# 99
35) Caprolactam	9.27	113	18738	19.03	ng	# 1
36) 4-Chloro-3-methylphenol	9.44	107	7080	2.18	ng	# 36
37) 2-Methylnaphthalene	9.68	142	1468590	186.73	ng	# 97
42) 2,4,6-Trichlorophenol	10.04	196	11121	5.30	ng	# 12
43) 2,4,5-Trichlorophenol	10.10	196	6619	2.95	ng	# 1
47) 2-Nitroaniline	10.41	65	8136	5.03	ng	# 1
48) Acenaphthylene	10.79	152	58475	5.63	ng	# 1
49) Dimethylphthalate	10.64	163	20627	2.66	ng	# 35
50) 2,6-Dinitrotoluene	10.73	165	14556	9.35	ng	# 75
51) Acenaphthene	11.01	154	48255	7.78	ng	# 59
52) 3-Nitroaniline	10.91	138	12353	6.88	ng	# 36
53) 2,4-Dinitrophenol	11.07	184	1027	2.17	ng	# 1
54) Dibenzofuran	11.22	168	111578	11.65	ng	# 50
55) 4-Nitrophenol	11.16	139	11660	8.07	ng	# 1
56) 2,4-Dinitrotoluene	11.23	165	55104	26.18	ng	# 61
57) Fluorene	11.64	166	227818	29.76	ng	# 75
59) Diethylphthalate	11.53	149	18233	2.38	ng	# 13
62) Azobenzene	11.86	77	37198	5.12	ng	# 1
65) n-Nitrosodiphenylamine	11.80	169	327603	47.14	ng	# 38
70) Phenanthrene	12.84	178	623693	51.37	ng	# 95
71) Anthracene	12.89	178	33476	2.78	ng	# 1
74) Fluoranthene	14.32	202	40701	3.07	ng	# 11
76) Benzidine	14.49	184	1345337	156.15	ng	# 98

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QLast Update : Fri Mar 06 22:10:32 2015
Response via : Initial Calibration

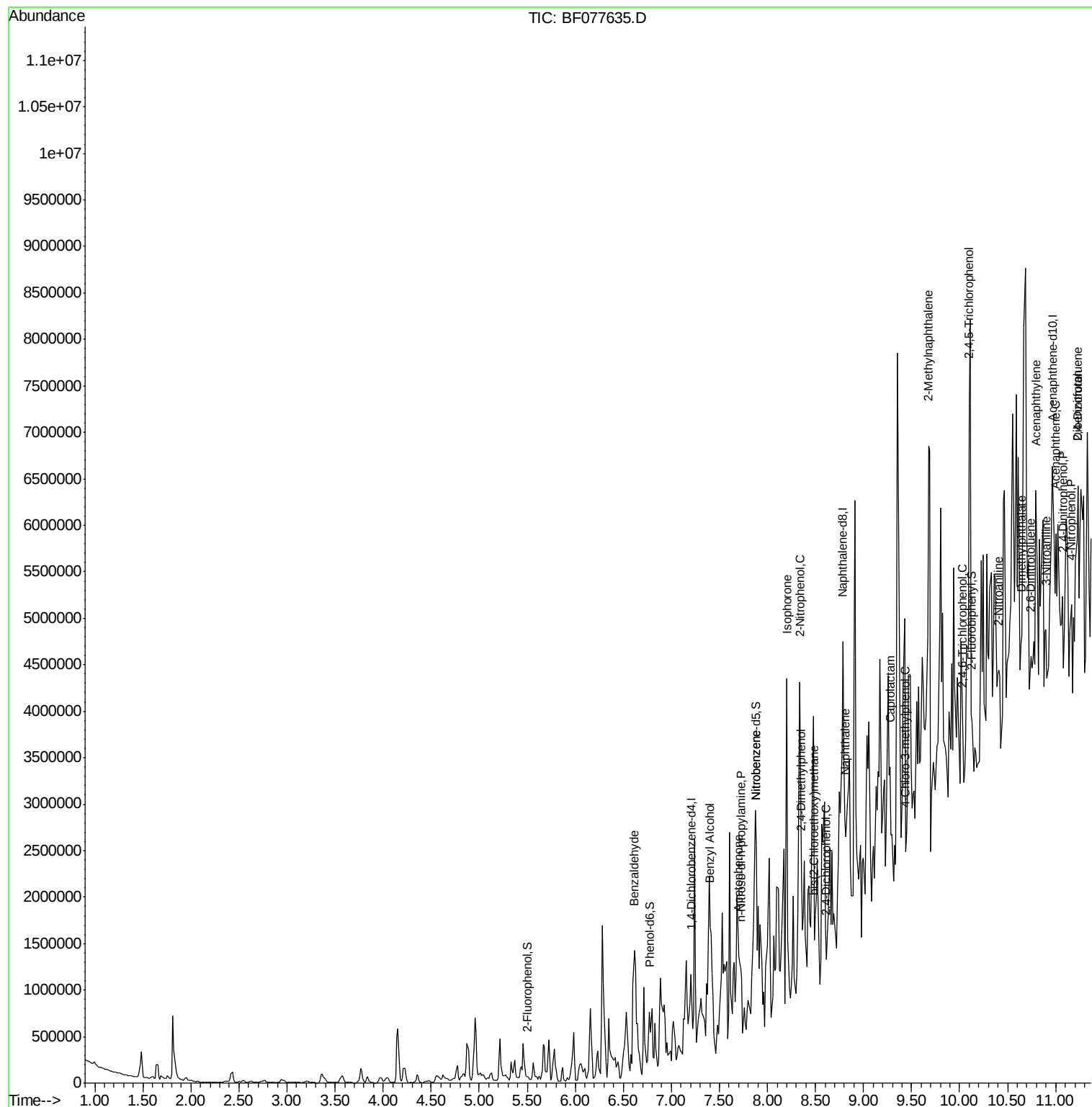
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	14.58	202	60559	3.88	ng	# 1
80) Benzo(a)anthracene	16.10	228	51607	3.45	ng	# 43
82) Chrysene	16.10	228	48345	3.44	ng	# 51

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

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Sample : G1443-01
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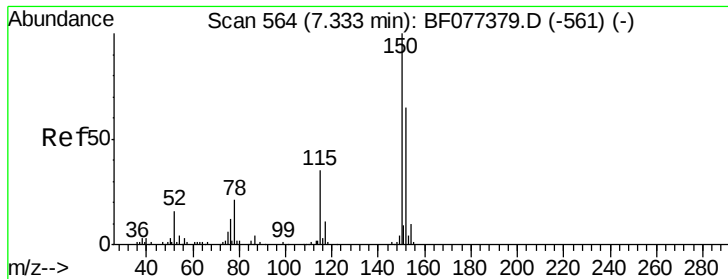
Instrument :
BNA_F
ClientSampled :
TW-1

Quant Time: Mar 06 23:50:38 2015
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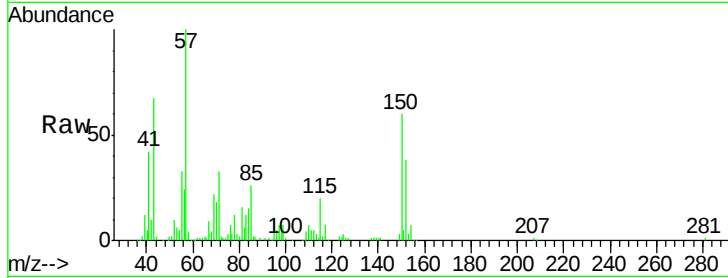


#1

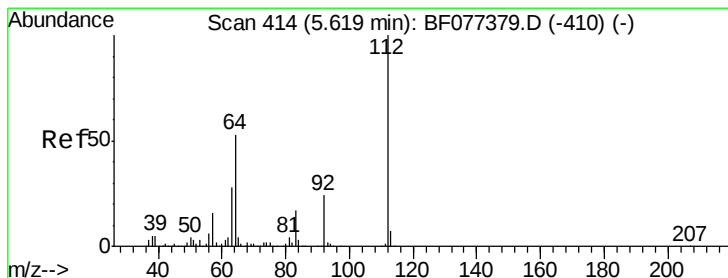
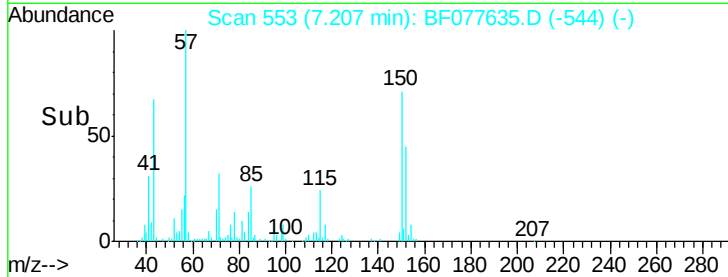
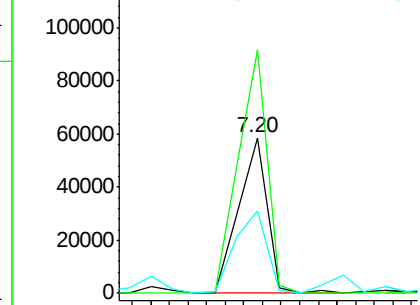
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.20 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:152 Resp: 63603
Ion Ratio Lower Upper
152 100
150 156.2 124.0 186.0
115 52.6 49.4 74.2



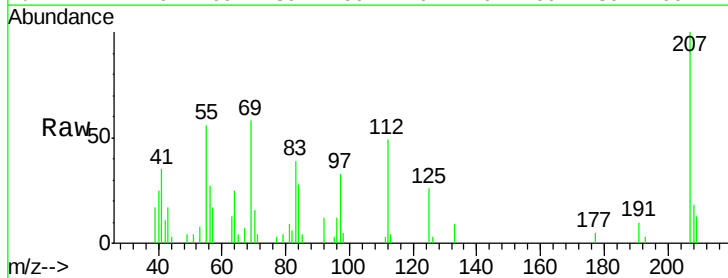
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



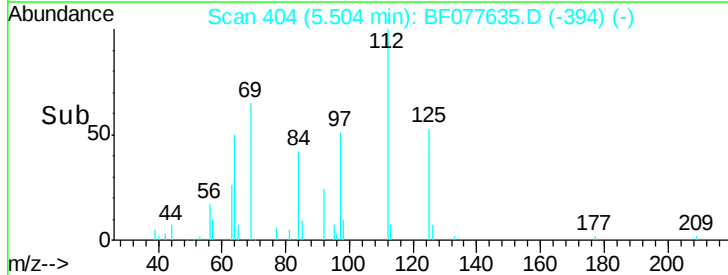
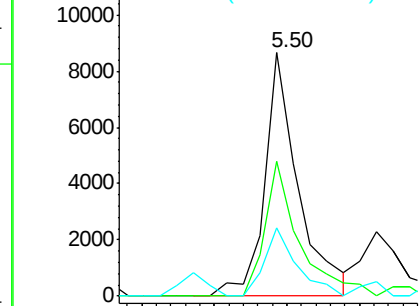
#5

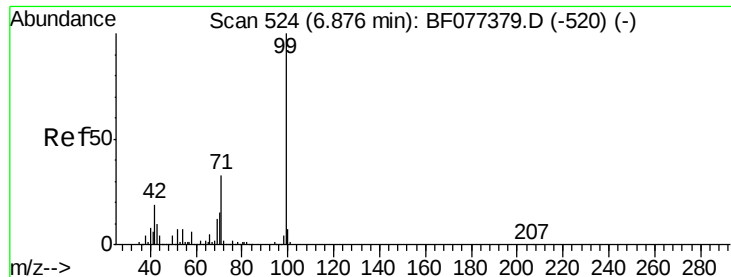
2-Fluorophenol
Concen: 3.66 ng
RT: 5.50 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:112 Resp: 13958
Ion Ratio Lower Upper
112 100
64 49.9 48.5 72.7
63 26.2 25.0 37.4



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: 11.94 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

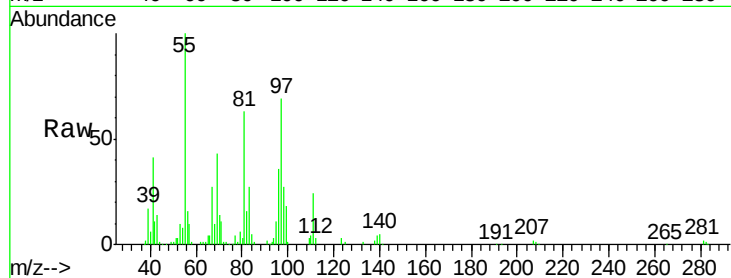
Tgt Ion: 99 Resp: 58493

Ion Ratio Lower Upper

99 100

42 59.1 16.2 24.4#

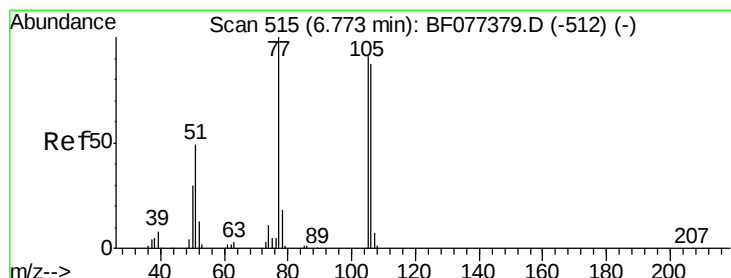
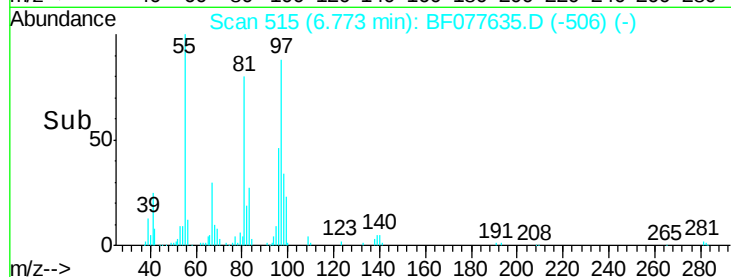
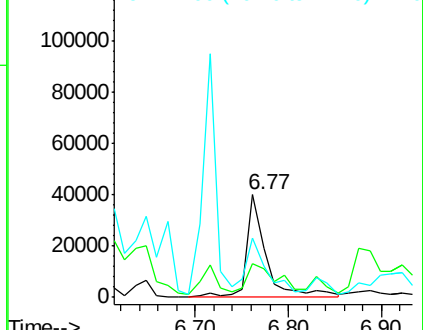
71 62.9 26.7 40.1#



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: 8.41 ng

RT: 6.62 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

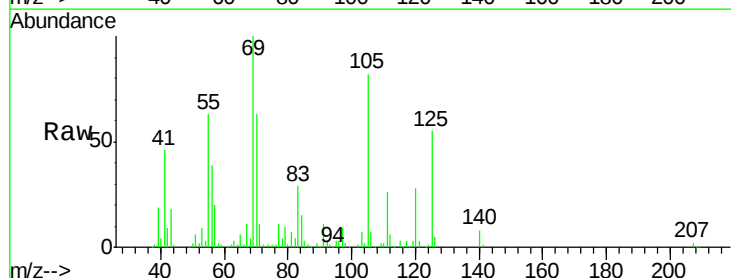
Tgt Ion: 77 Resp: 25018

Ion Ratio Lower Upper

77 100

105 729.7 85.9 125.9#

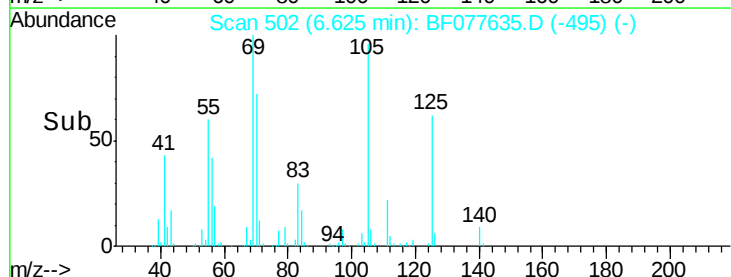
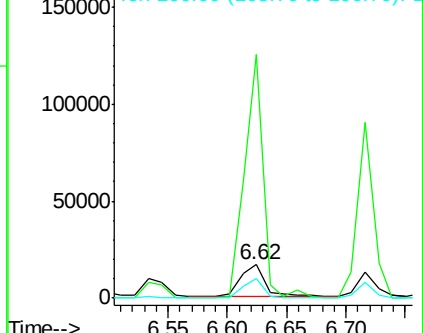
106 60.4 82.9 122.9#

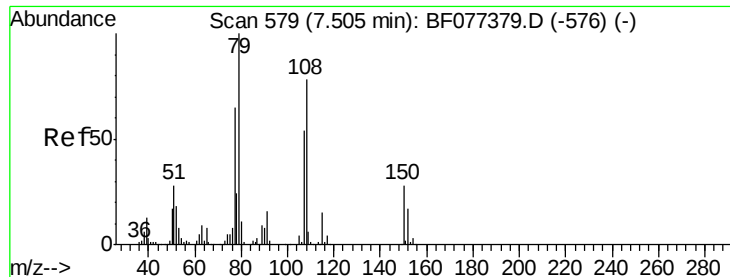


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 4.95 ng

RT: 7.41 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

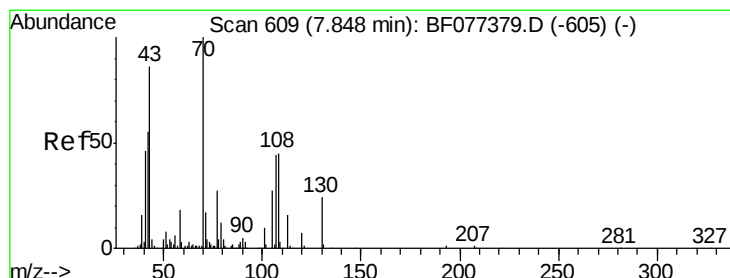
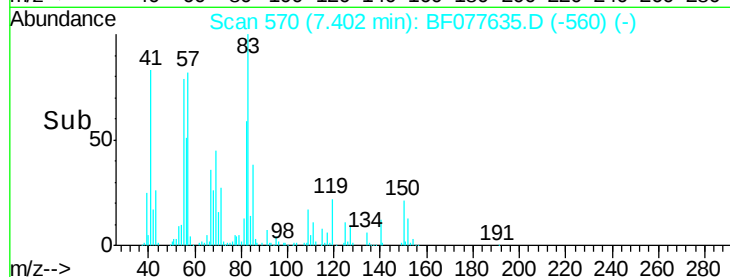
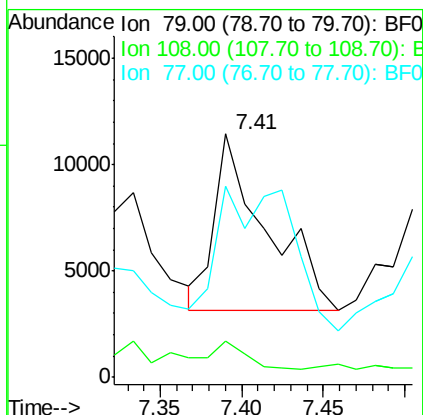
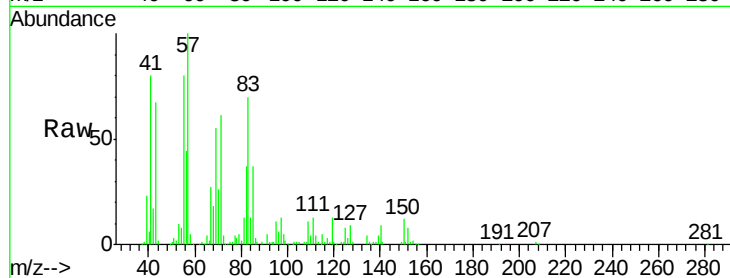
Tgt Ion: 79 Resp: 18419

Ion Ratio Lower Upper

79 100

108 13.8 58.3 87.5#

77 86.3 51.3 76.9#



#19

n-Nitroso-di-n-propylamine

Concen: 18.69 ng

RT: 7.73 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Tgt Ion: 70 Resp: 58152

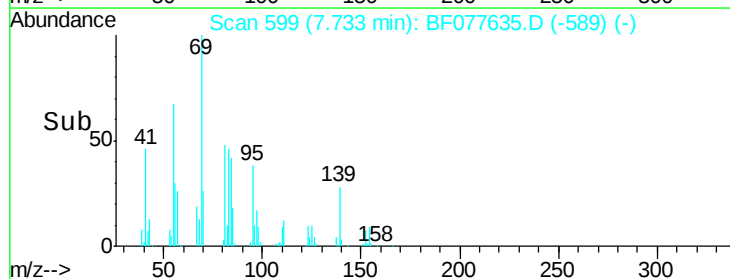
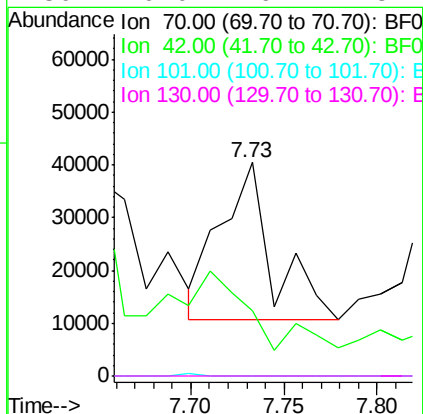
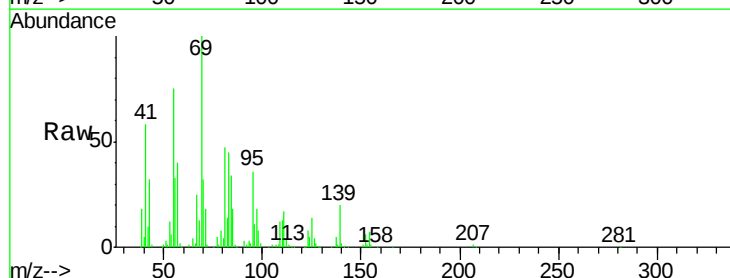
Ion Ratio Lower Upper

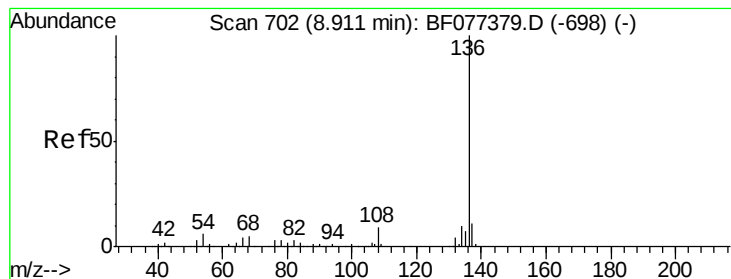
70 100

42 30.7 48.3 72.5#

101 0.0 7.5 11.3#

130 0.0 16.7 25.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.78 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

Tgt Ion:136 Resp: 221455

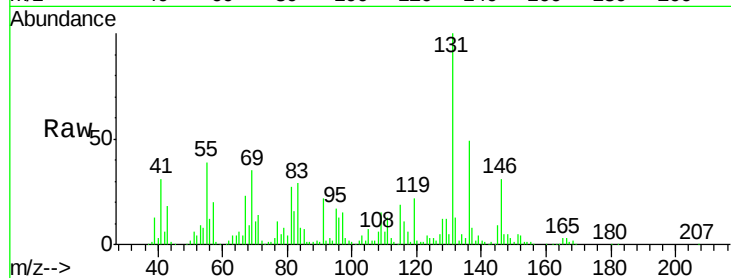
Ion Ratio Lower Upper

136 100

137 15.7 8.6 13.0#

54 16.3 6.2 9.4#

68 17.7 5.0 7.6#

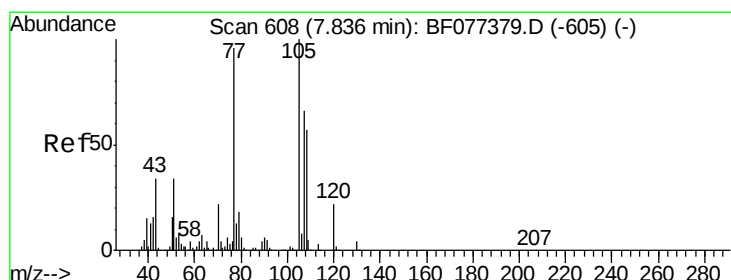
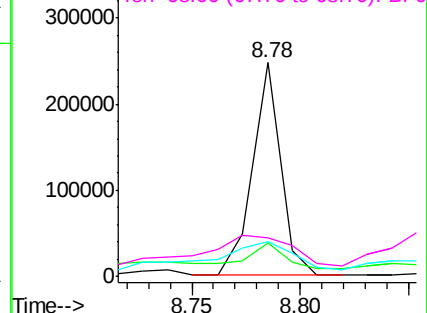
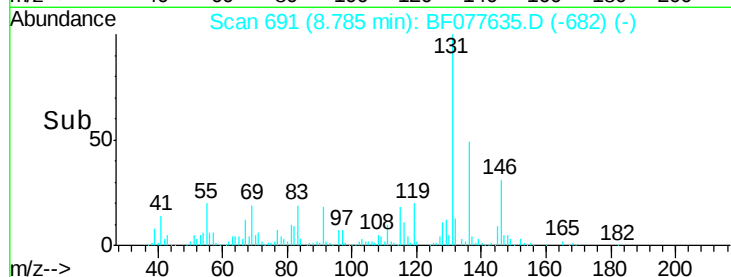


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.80 ng

RT: 7.70 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Tgt Ion:105 Resp: 202112

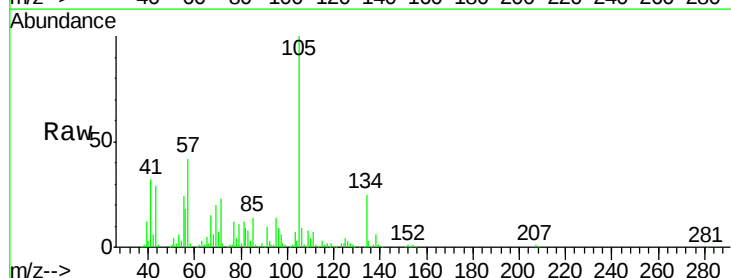
Ion Ratio Lower Upper

105 100

71 23.4 1.7 2.5#

51 4.2 30.7 46.1#

120 0.2 16.7 25.1#

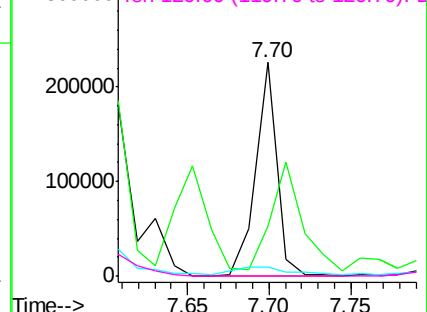
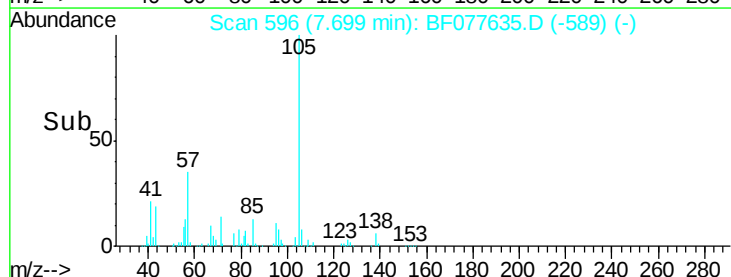


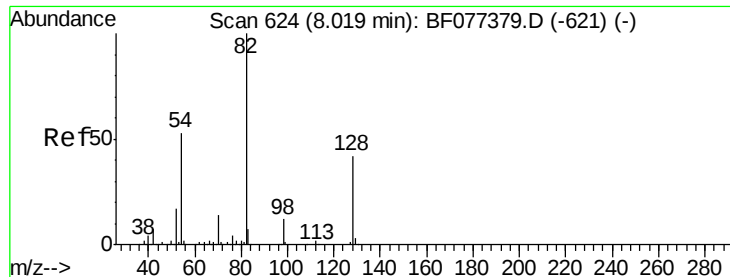
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

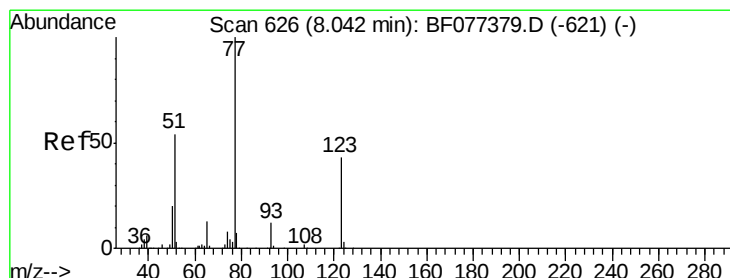
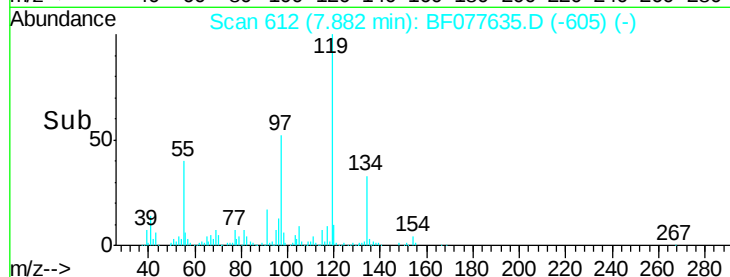
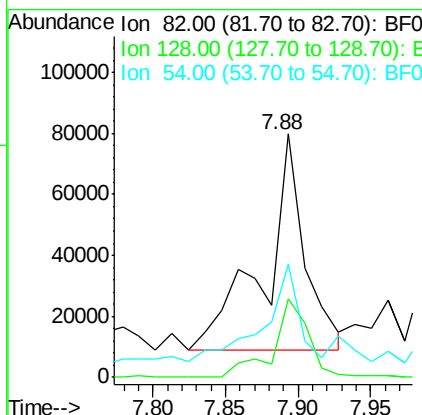
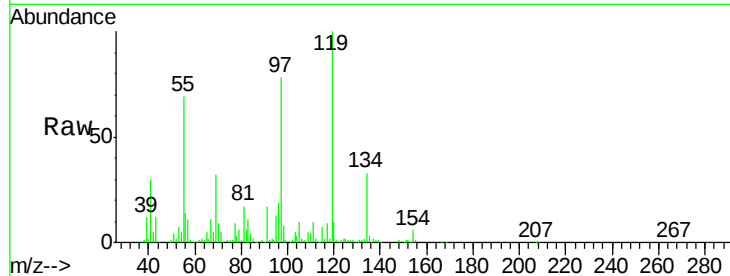




#23
 Nitrobenzene-d5
 Concen: 38.94 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

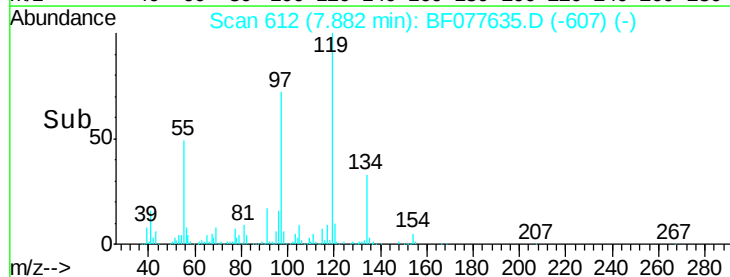
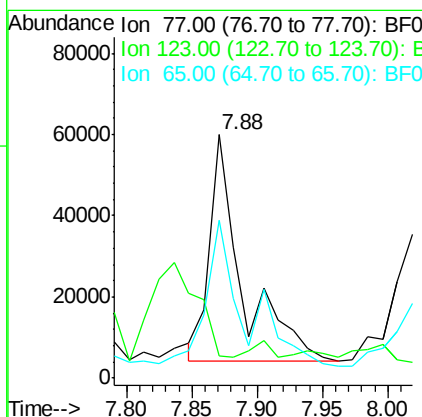
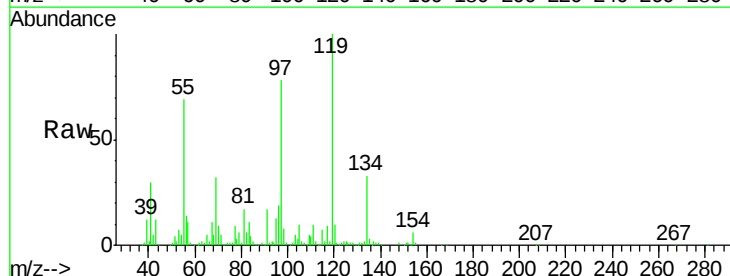
Instrument :
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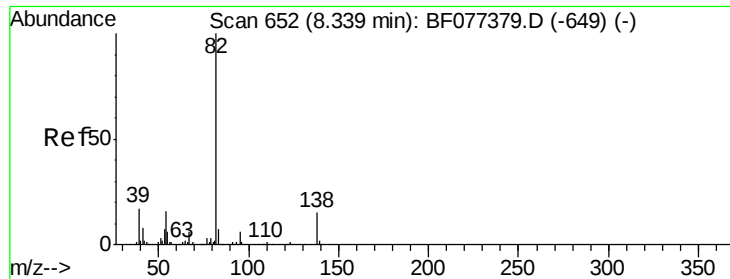
Tgt Ion: 82 Resp: 138660
 Ion Ratio Lower Upper
 82 100
 128 17.7 43.8 65.8#
 54 77.1 36.7 55.1#



#24
 Nitrobenzene
 Concen: 25.82 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.04 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion: 77 Resp: 96740
 Ion Ratio Lower Upper
 77 100
 123 16.1 45.9 68.9#
 65 60.8 9.5 14.3#





#25

Isophorone

Concen: 18.09 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

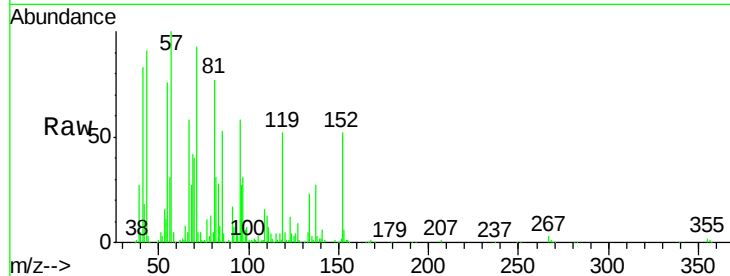
Tgt Ion: 82 Resp: 127810

Ion Ratio Lower Upper

82 100

95 184.7 5.4 8.2#

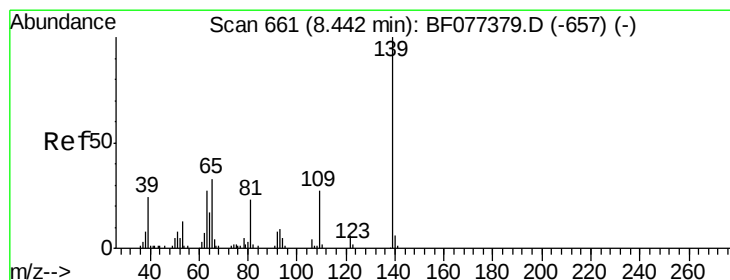
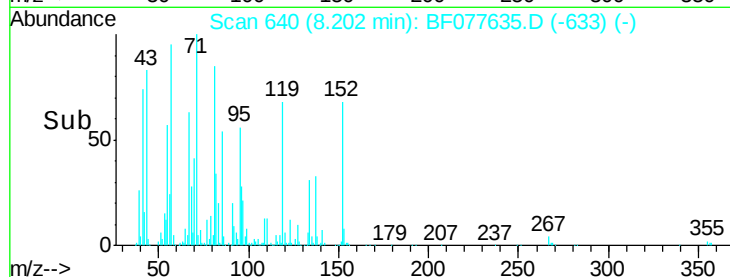
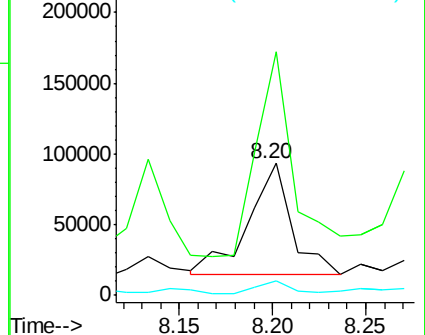
138 10.9 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 12.70 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.03 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

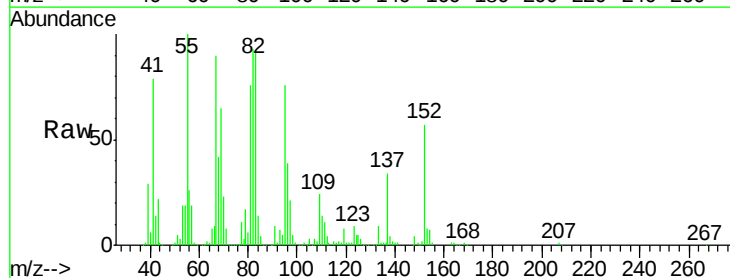
Tgt Ion: 139 Resp: 19505

Ion Ratio Lower Upper

139 100

109 1001.7 22.6 34.0#

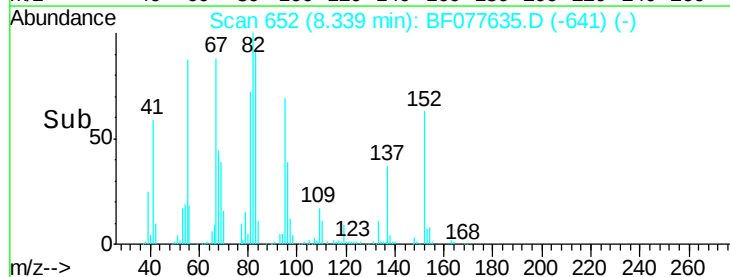
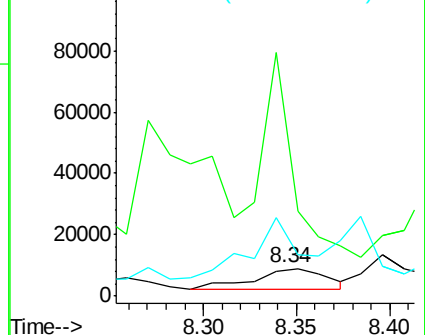
65 323.2 36.4 54.6#

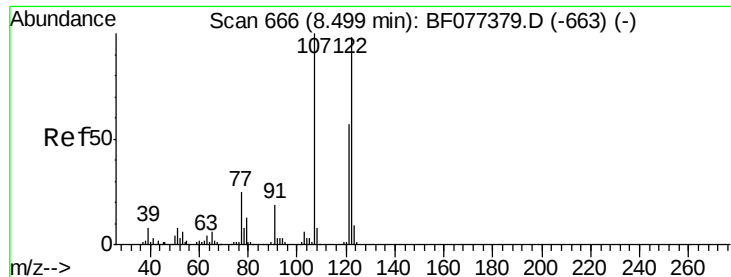


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

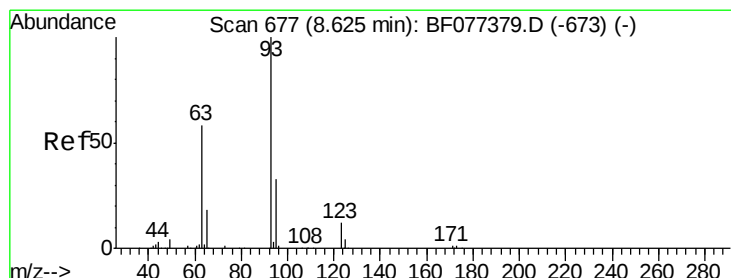
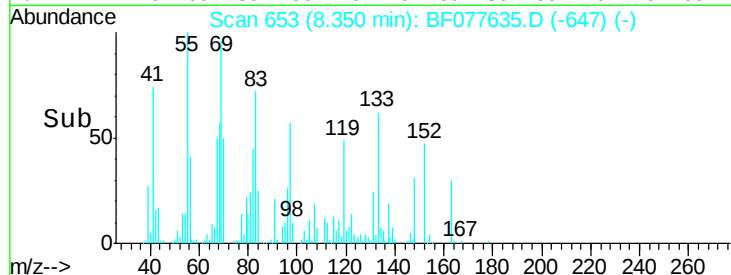
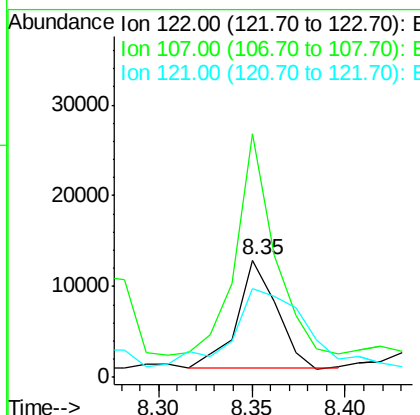
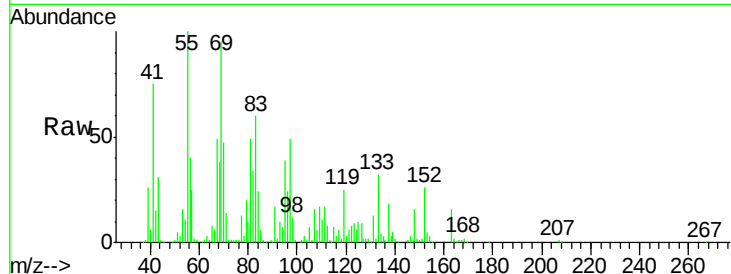




#27
 2,4-Dimethylphenol
 Concen: 5.01 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.03 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

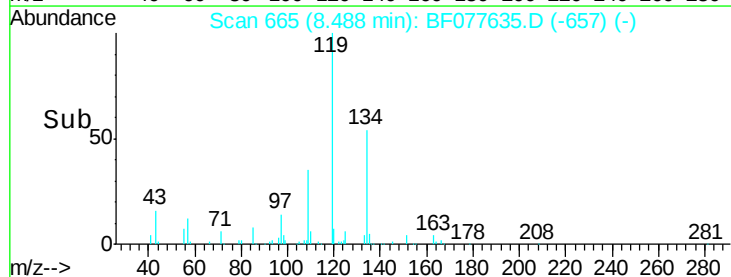
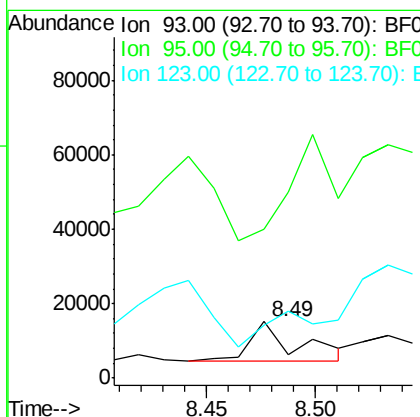
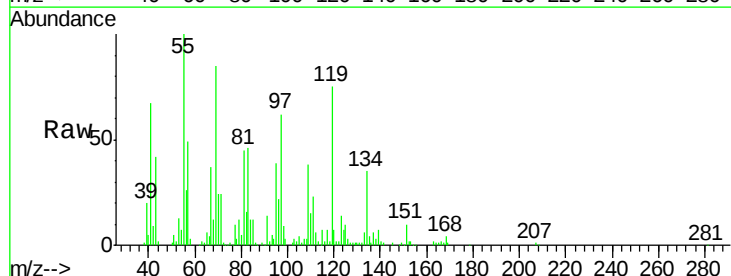
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

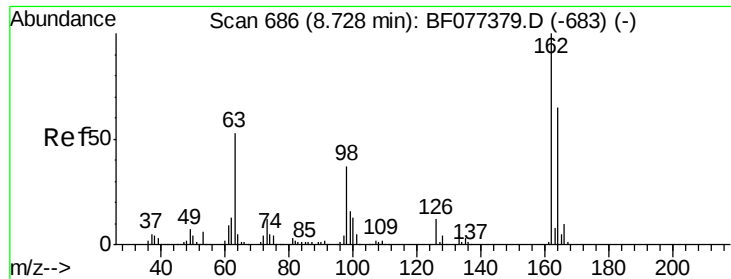
Tgt Ion:122 Resp: 17209
 Ion Ratio Lower Upper
 122 100
 107 208.1 86.6 130.0#
 121 76.1 47.4 71.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.61 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion: 93 Resp: 16127
 Ion Ratio Lower Upper
 93 100
 95 774.0 26.4 39.6#
 123 275.7 8.7 13.1#

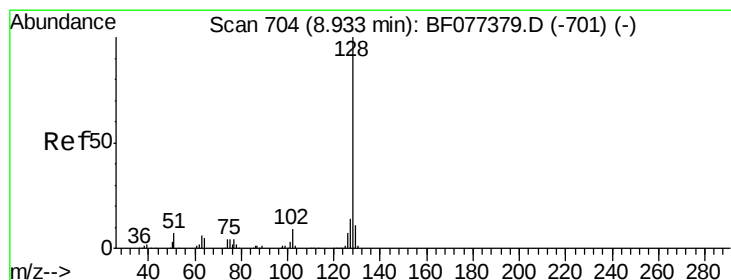
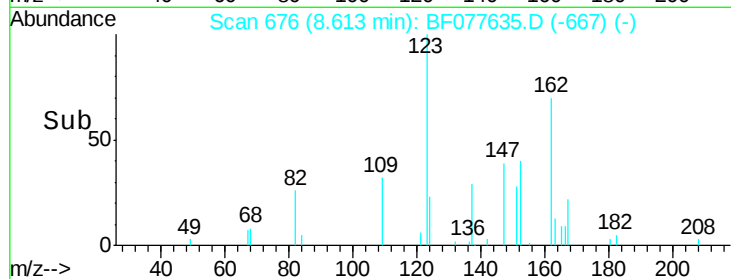
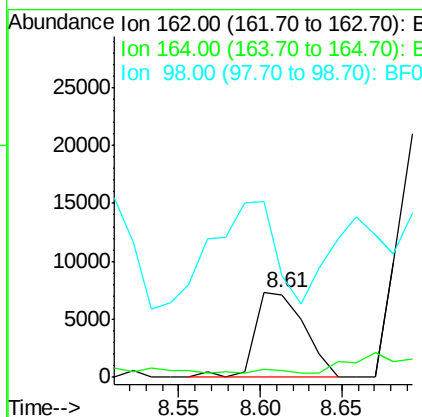
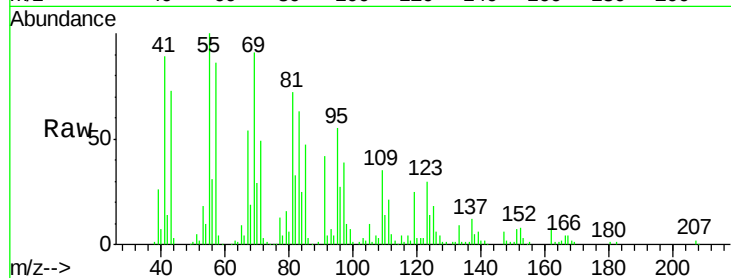




#29
2,4-Dichlorophenol
Concen: 4.73 ng
RT: 8.61 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

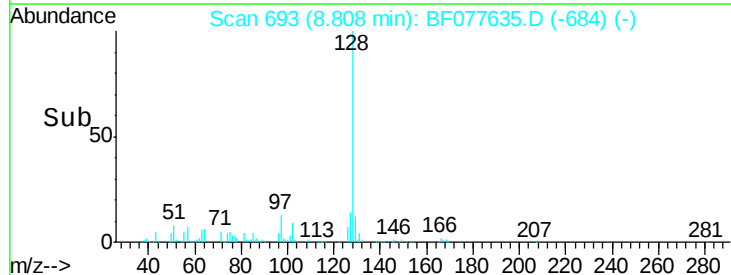
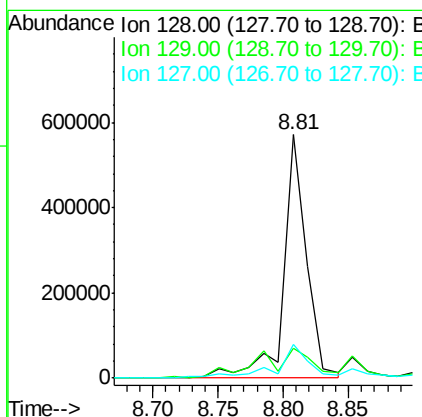
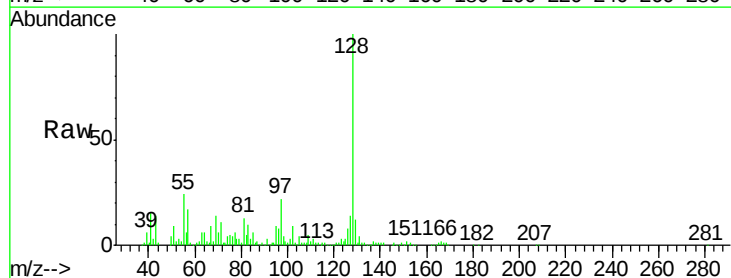
Instrument :
BNA_F
ClientSampleId :
TW-1

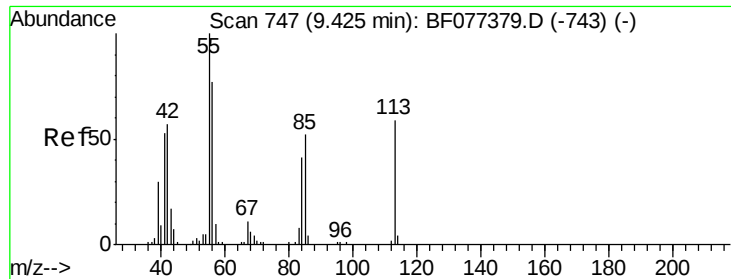
Tgt Ion:162 Resp: 15263
Ion Ratio Lower Upper
162 100
164 7.7 46.4 86.4#
98 123.8 6.9 46.9#



#31
Naphthalene
Concen: 63.14 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:128 Resp: 699278
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.9 10.6 15.8

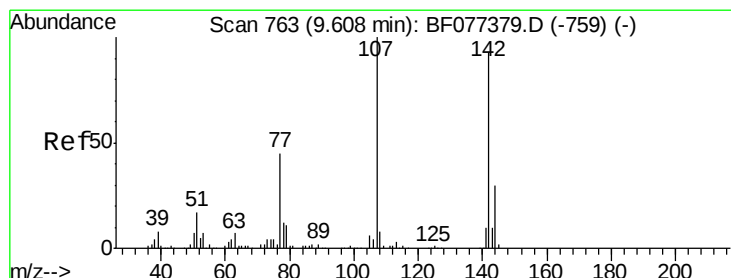
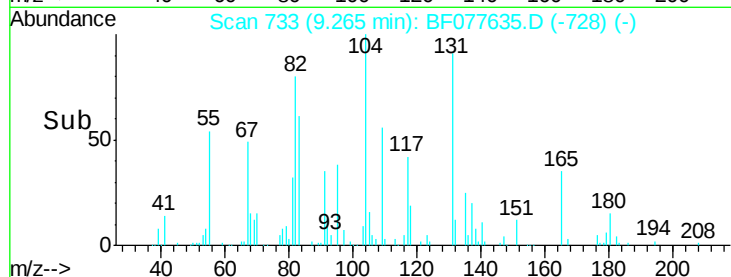
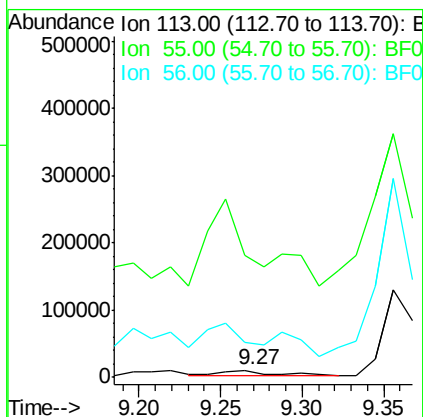
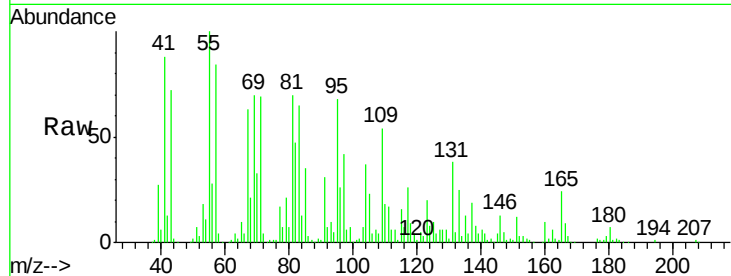




#35
 Caprolactam
 Concen: 19.03 ng
 RT: 9.27 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

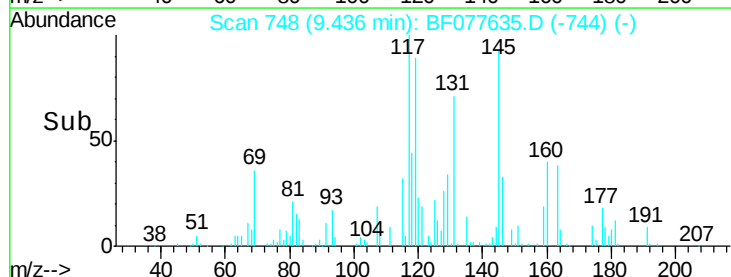
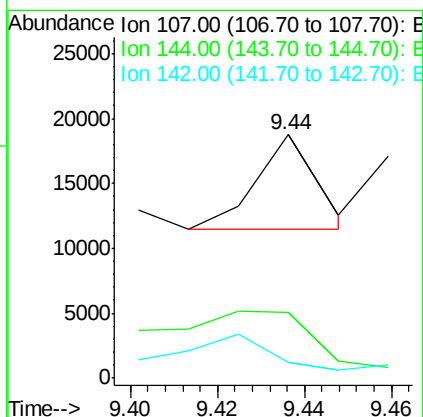
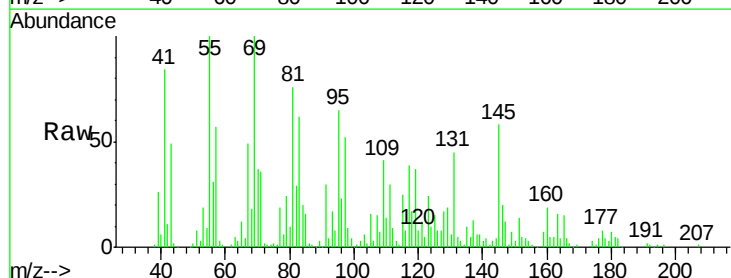
Instrument :
 BNA_F
 ClientSampleID :
 TW-1

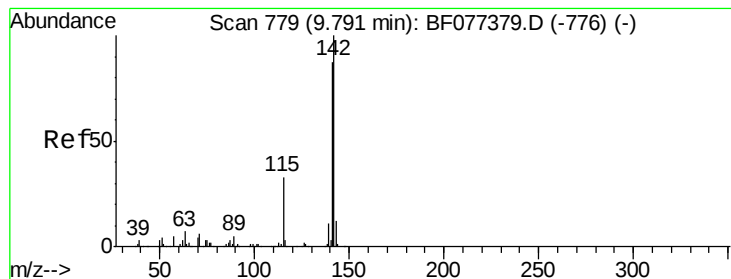
Tgt Ion:113 Resp: 18738
 Ion Ratio Lower Upper
 113 100
 55 1682.1 154.6 194.6#
 56 478.1 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 2.18 ng
 RT: 9.44 min Scan# 748
 Delta R.T. -0.06 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion:107 Resp: 7080
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.1 31.7
 142 6.5 65.3 97.9#

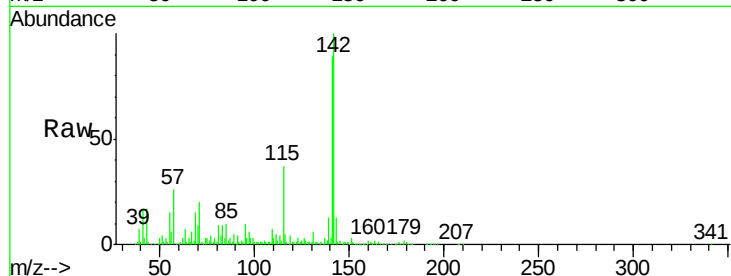




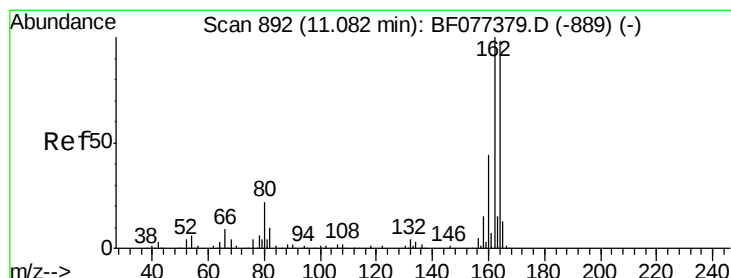
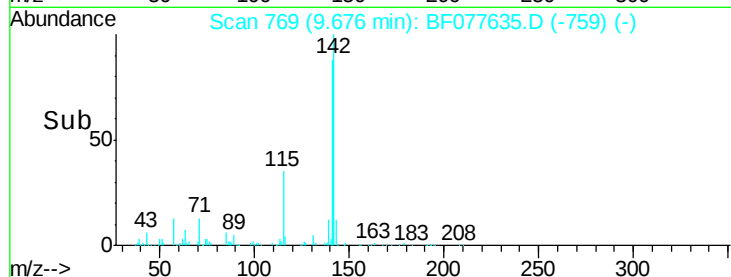
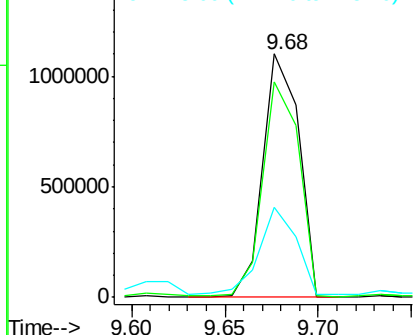
#37
 2-Methylnaphthalene
 Concen: 186.73 ng
 RT: 9.68 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Instrument :
 BNA_F
 ClientSampled :
 TW-1

Tgt Ion:142 Resp: 1468590
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.7 106.1
 115 37.0 24.2 36.4#

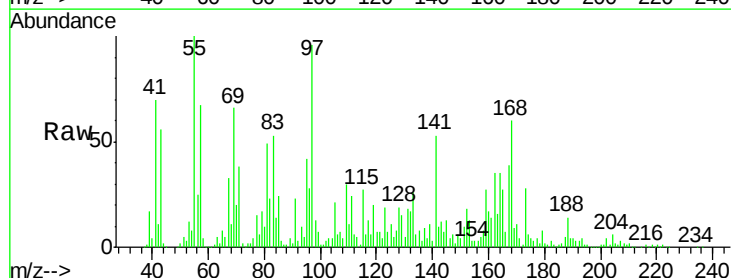


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

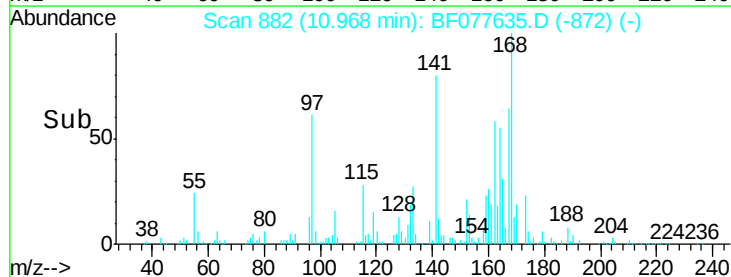
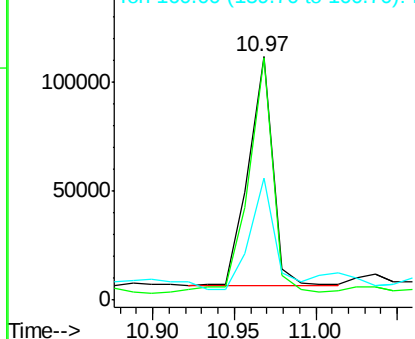


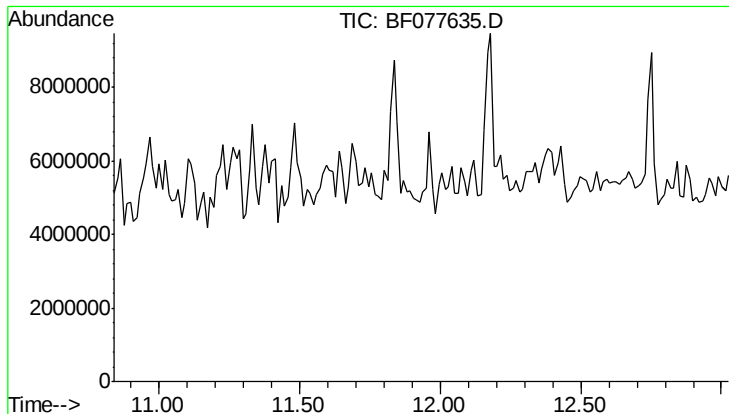
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion:164 Resp: 110490
 Ion Ratio Lower Upper
 164 100
 162 99.6 83.2 124.8
 160 50.3 34.6 52.0



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

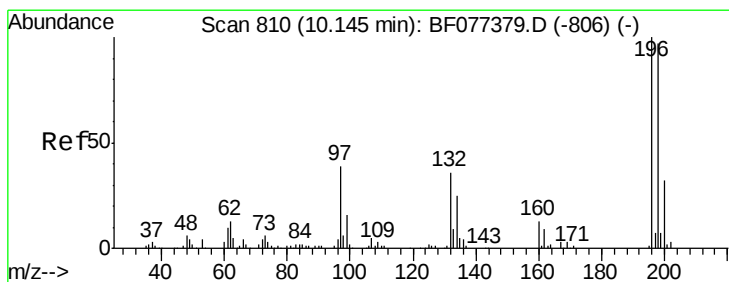
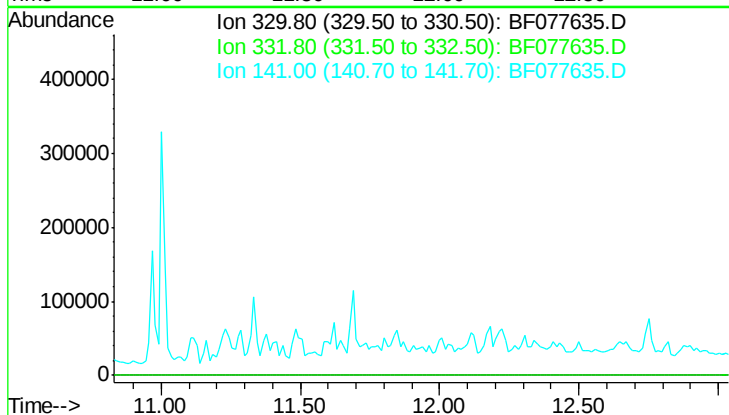




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.93 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

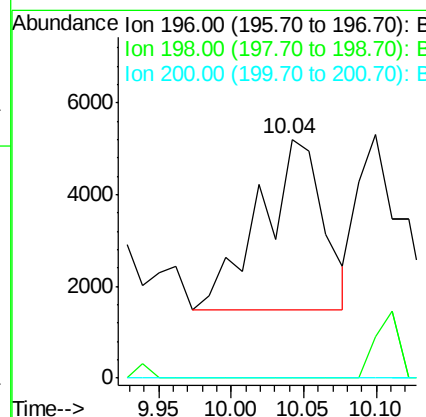
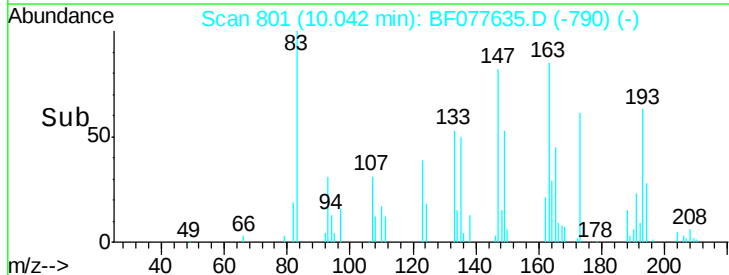
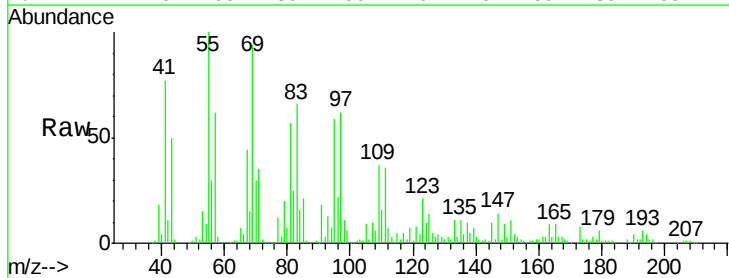
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

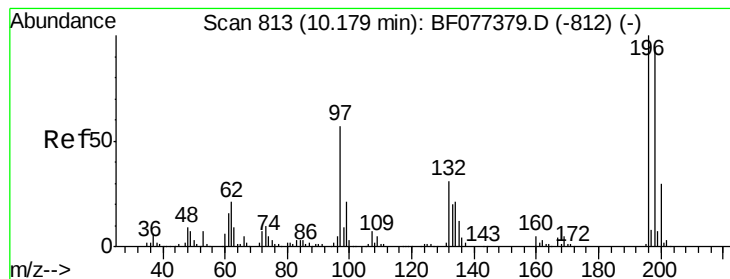
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 36.0



#42
 2,4,6-Trichlorophenol
 Concen: 5.30 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.02 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion: 196 Resp: 11121
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.8 113.8#
 200 0.0 24.2 36.4#





#43

2,4,5-Trichlorophenol

Concen: 2.95 ng

RT: 10.10 min Scan# 806

Delta R.T. 0.04 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

Tgt Ion:196 Resp: 6619

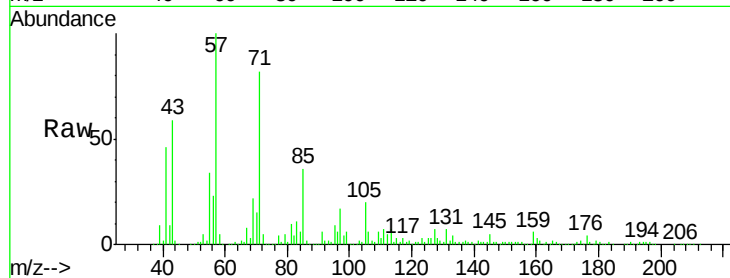
Ion Ratio Lower Upper

196 100

198 17.1 77.2 115.8#

97 3198.2 27.7 41.5#

132 321.6 18.0 27.0#

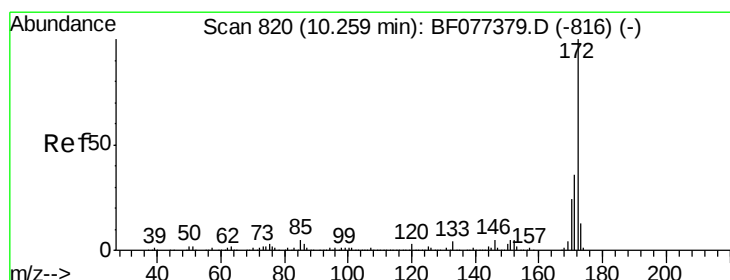
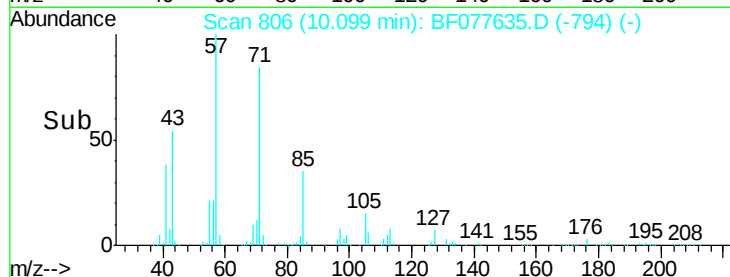
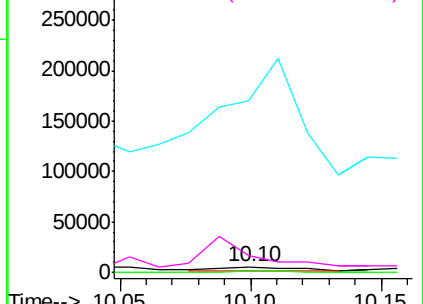


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 39.85 ng

RT: 10.13 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

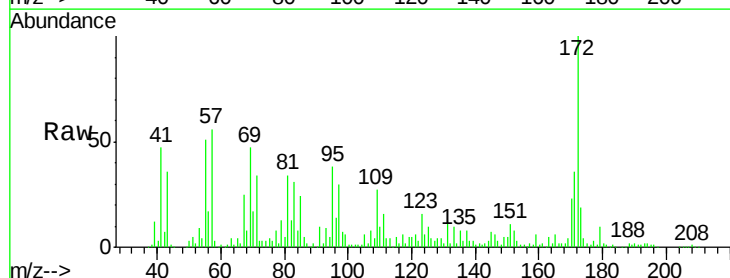
Tgt Ion:172 Resp: 282413

Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

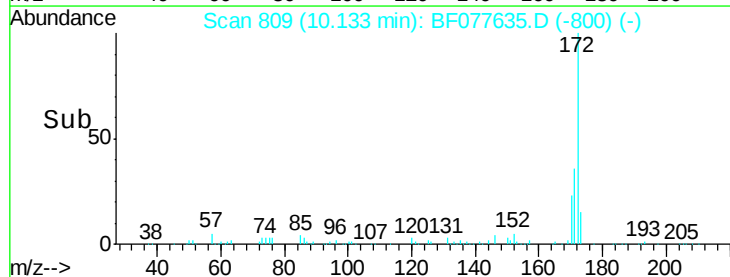
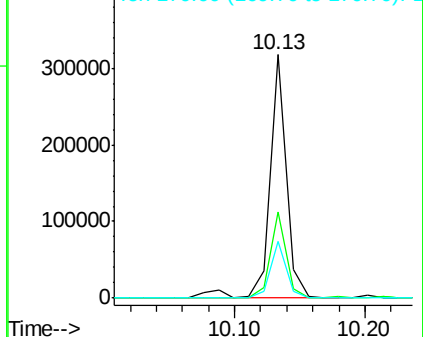
170 23.3 19.4 29.2

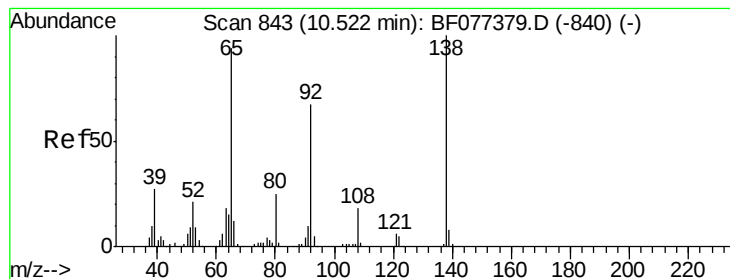


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 5.03 ng

RT: 10.41 min Scan# 834

Delta R.T. 0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

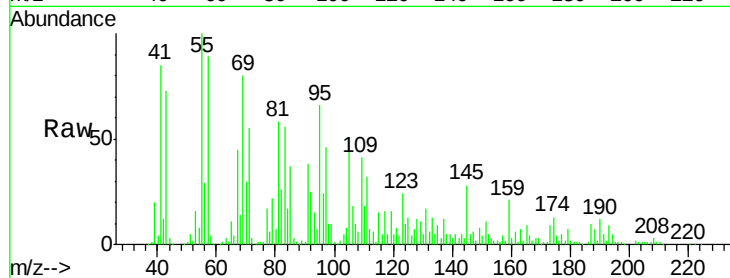
Tgt Ion: 65 Resp: 8136

Ion Ratio Lower Upper

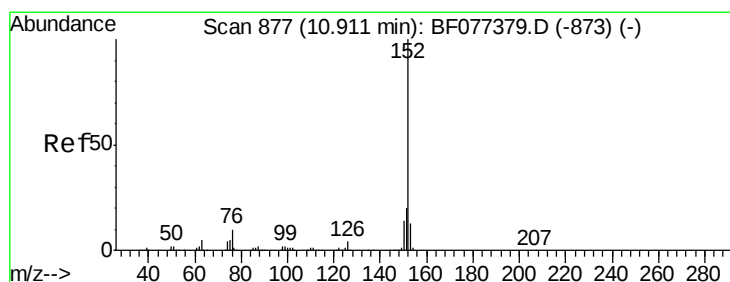
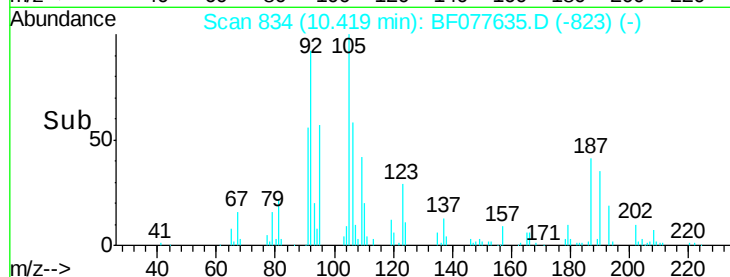
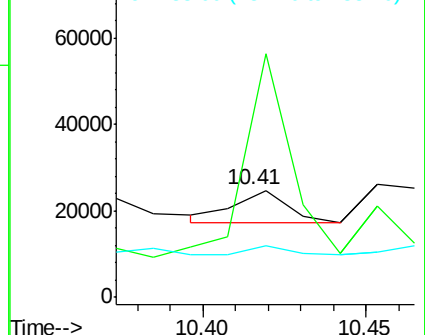
65 100

92 228.1 52.4 78.6#

138 47.8 73.4 110.0#



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: 5.63 ng

RT: 10.79 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

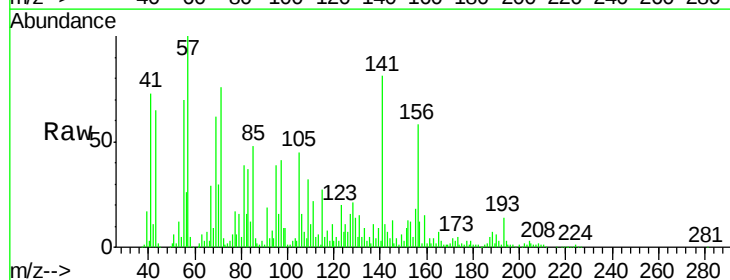
Tgt Ion: 152 Resp: 58475

Ion Ratio Lower Upper

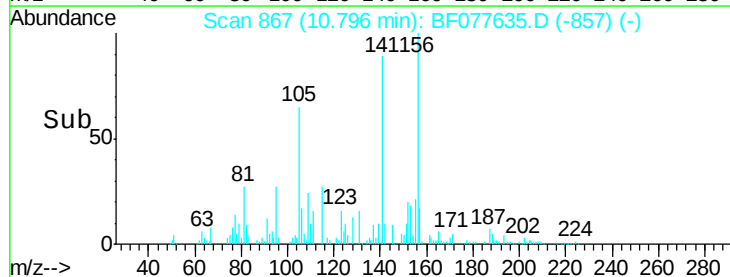
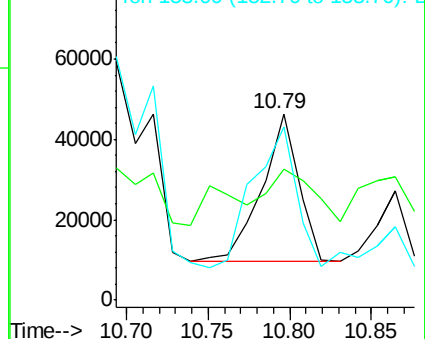
152 100

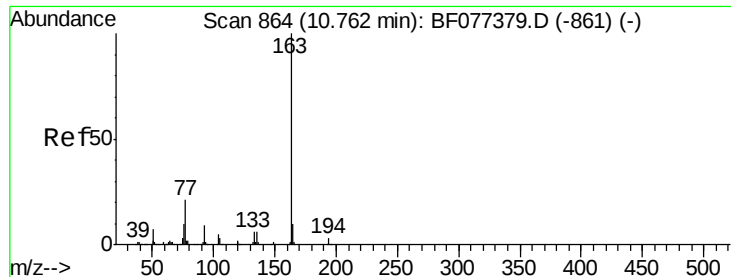
151 70.2 16.1 24.1#

153 92.8 10.9 16.3#



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: 2.66 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

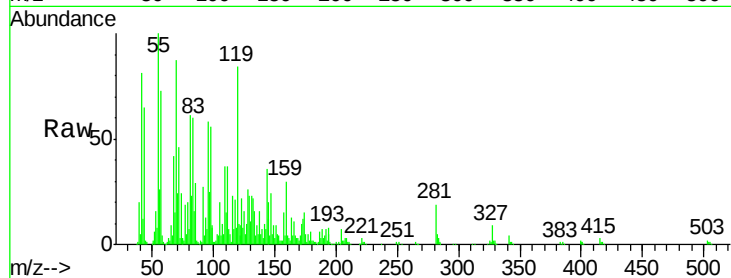
Tgt Ion:163 Resp: 20627

Ion Ratio Lower Upper

163 100

194 43.0 2.6 4.0#

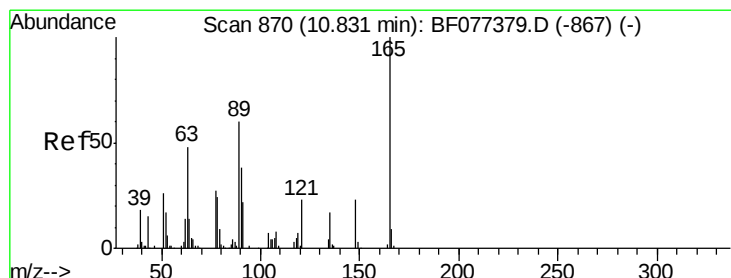
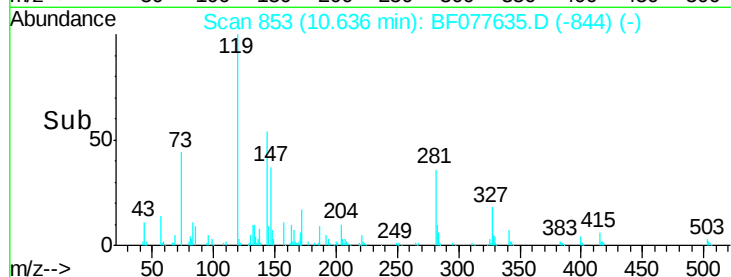
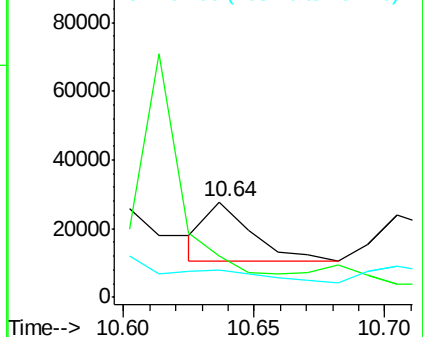
164 29.0 8.6 13.0#



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: 9.35 ng

RT: 10.73 min Scan# 861

Delta R.T. 0.03 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

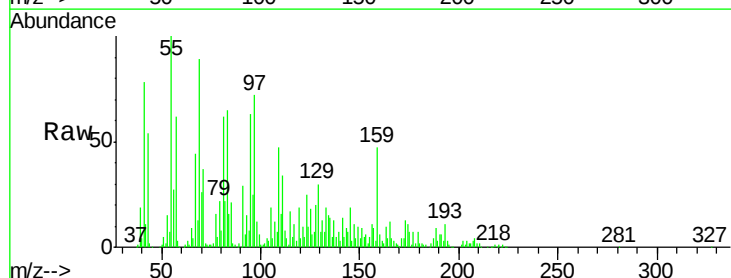
Tgt Ion:165 Resp: 14556

Ion Ratio Lower Upper

165 100

63 24.9 25.2 37.8#

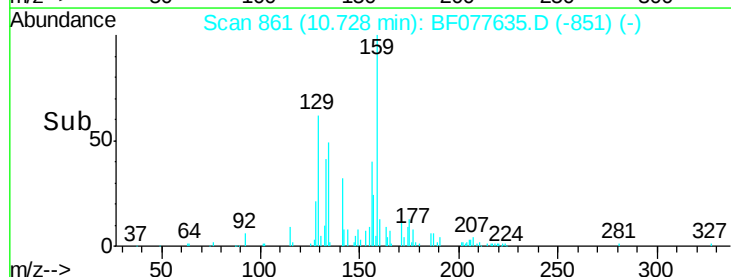
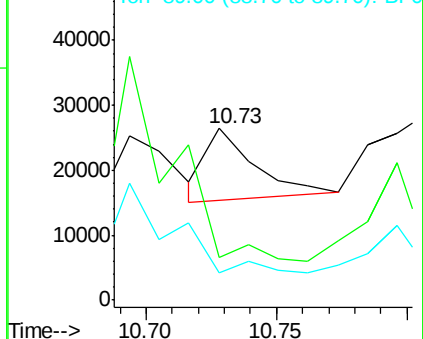
89 16.1 30.5 45.7#

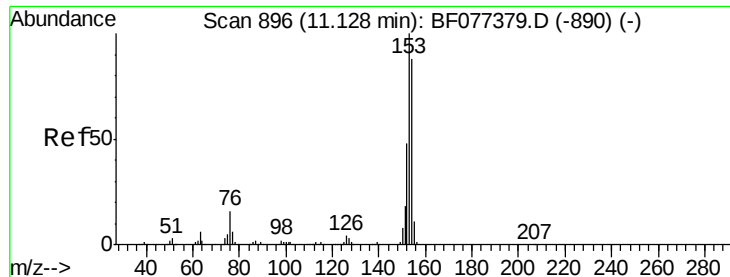


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 7.78 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

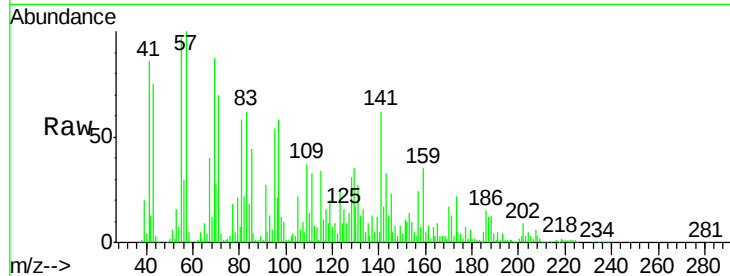
Tgt Ion:154 Resp: 48255

Ion Ratio Lower Upper

154 100

153 143.8 90.5 135.7#

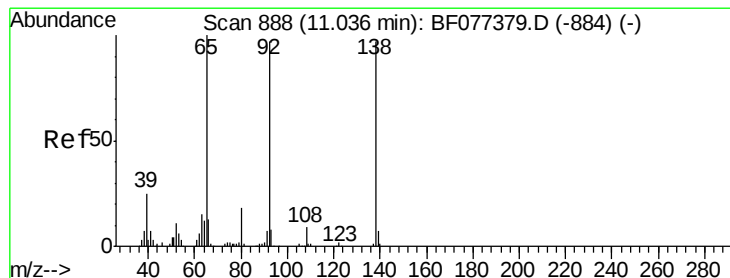
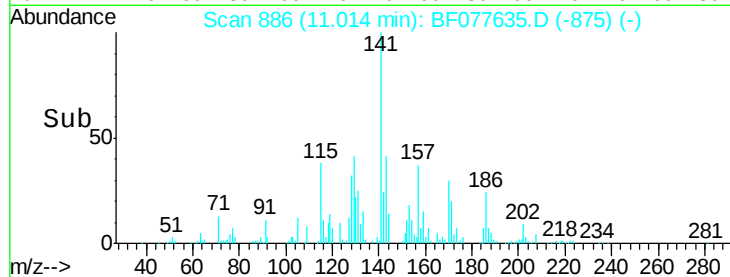
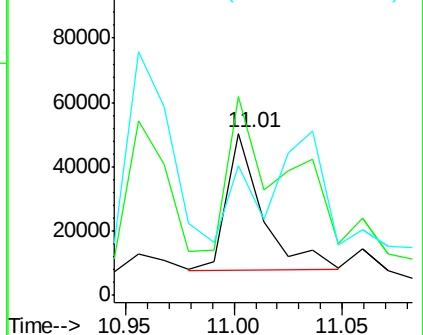
152 103.2 43.5 65.3#



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: 6.88 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

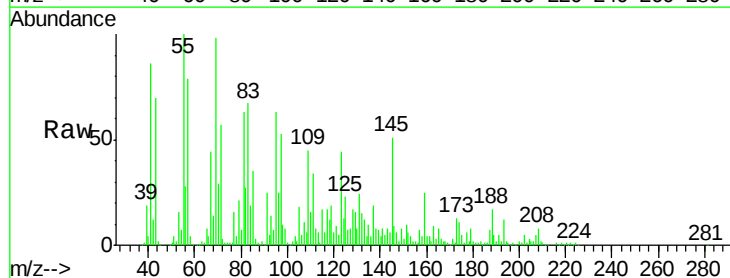
Tgt Ion:138 Resp: 12353

Ion Ratio Lower Upper

138 100

108 72.2 7.8 11.8#

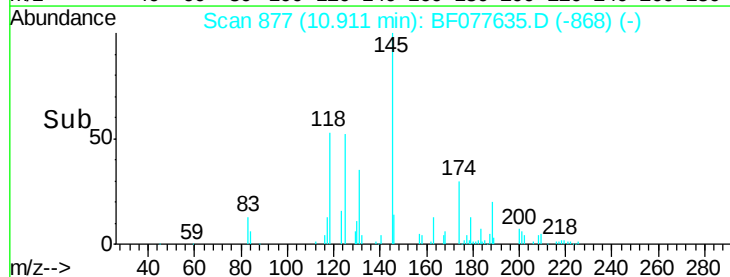
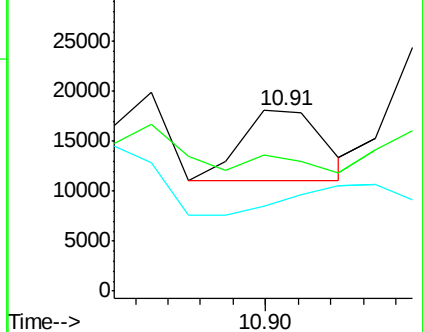
92 53.7 90.6 135.8#

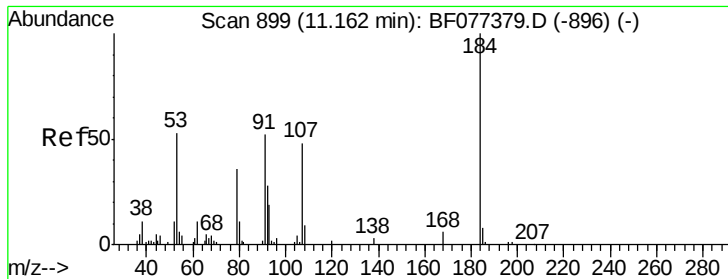


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

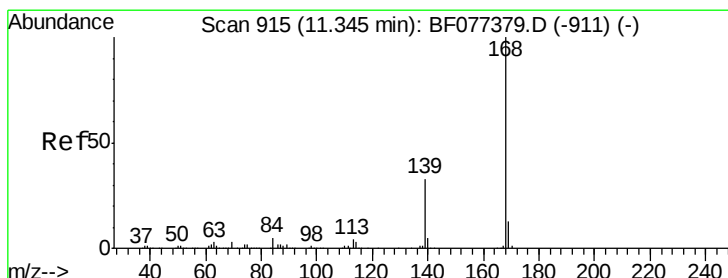
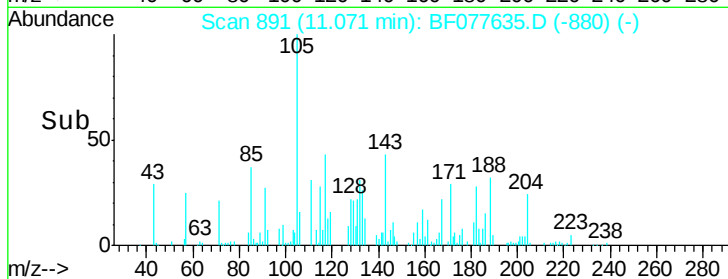
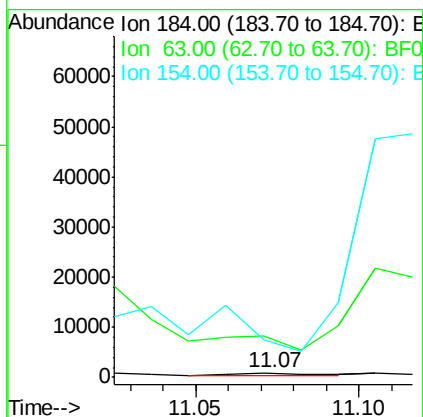
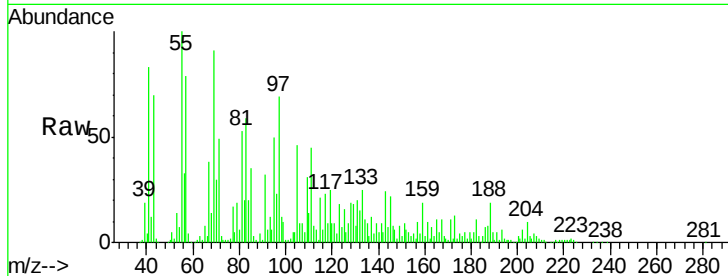




#53
2,4-Dinitrophenol
Concen: 2.17 ng
RT: 11.07 min Scan# 891
Delta R.T. 0.03 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

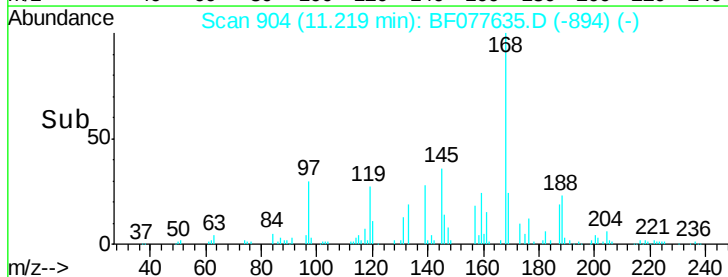
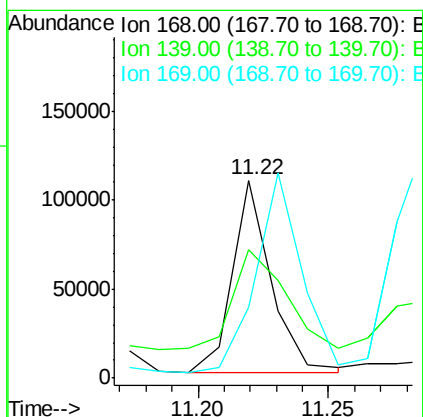
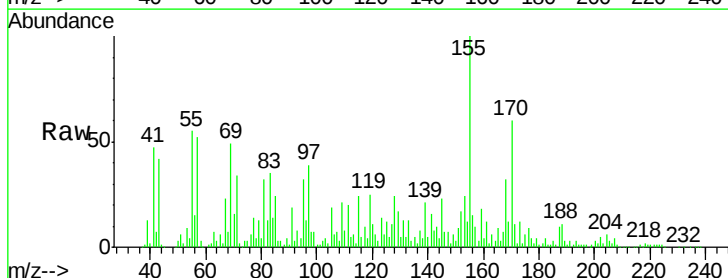
Instrument :
BNA_F
ClientSampleId :
TW-1

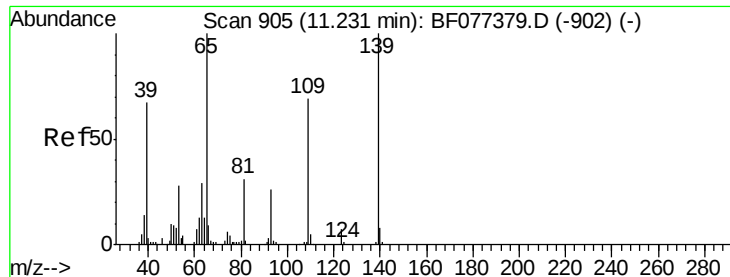
Tgt Ion:184 Resp: 1027
Ion Ratio Lower Upper
184 100
63 881.3 29.5 44.3#
154 797.6 43.2 64.8#



#54
Dibenzofuran
Concen: 11.65 ng
RT: 11.22 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:168 Resp: 111578
Ion Ratio Lower Upper
168 100
139 65.1 29.3 43.9#
169 36.1 10.9 16.3#

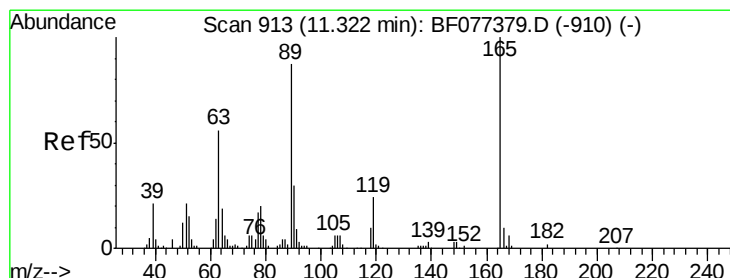
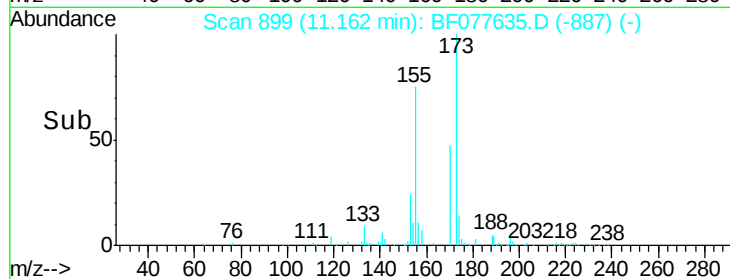
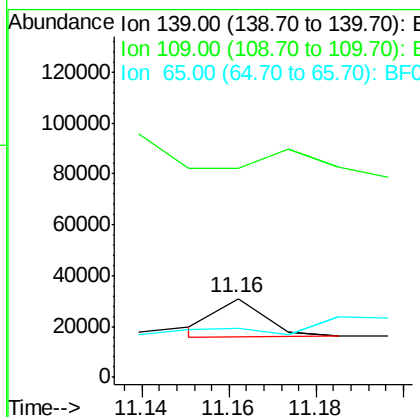
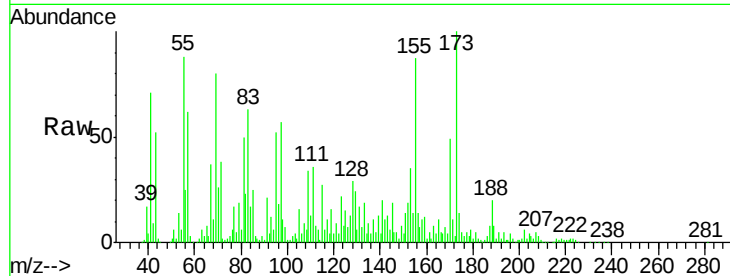




#55
4-Nitrophenol
Concen: 8.07 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.04 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

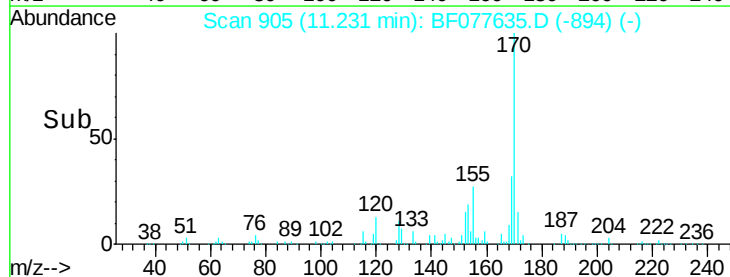
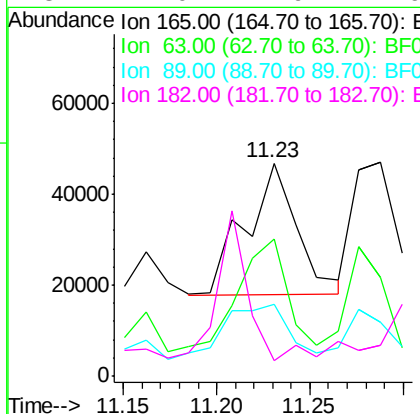
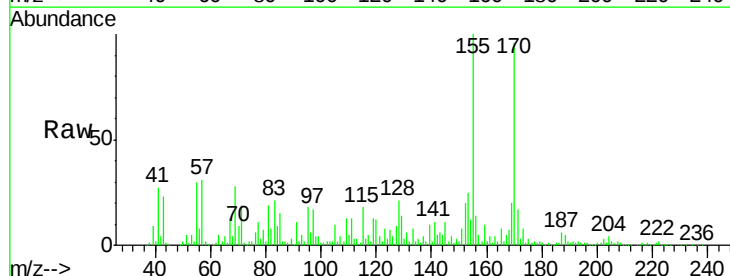
Instrument :
BNA_F
ClientSampleId :
TW-1

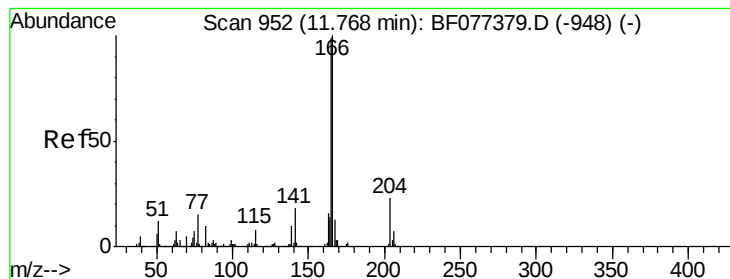
Tgt Ion:139 Resp: 11660
Ion Ratio Lower Upper
139 100
109 266.0 36.2 76.2#
65 62.9 40.3 80.3



#56
2,4-Dinitrotoluene
Concen: 26.18 ng
RT: 11.23 min Scan# 905
Delta R.T. 0.03 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:165 Resp: 55104
Ion Ratio Lower Upper
165 100
63 64.7 29.8 44.8#
89 33.5 48.5 72.7#
182 7.0 1.9 2.9#





#57

Fluorene

Concen: 29.76 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

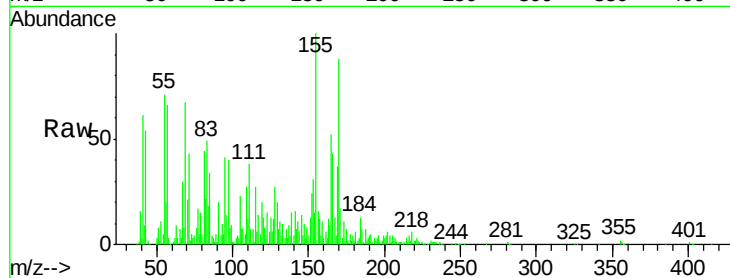
Tgt Ion:166 Resp: 227818

Ion Ratio Lower Upper

166 100

165 119.7 77.6 116.4#

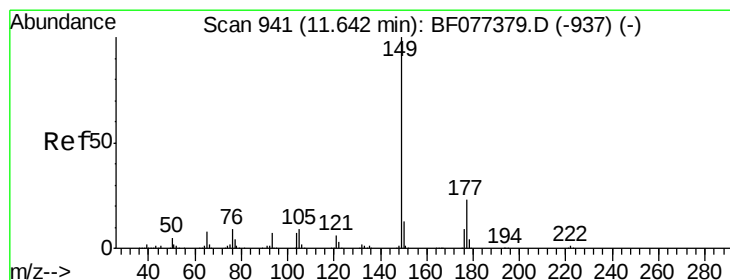
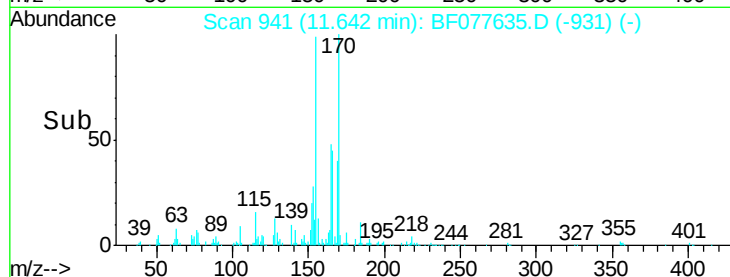
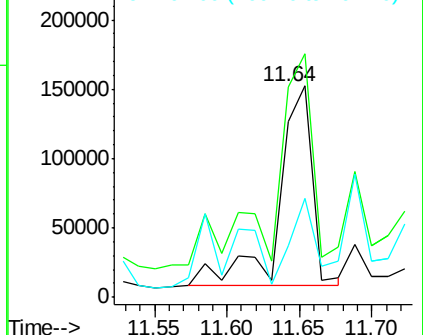
167 29.5 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 2.38 ng

RT: 11.53 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

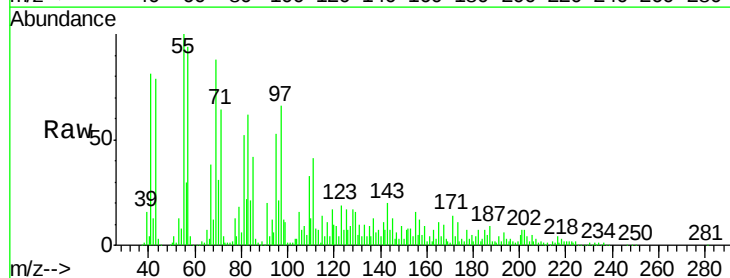
Tgt Ion:149 Resp: 18233

Ion Ratio Lower Upper

149 100

177 72.1 17.2 25.8#

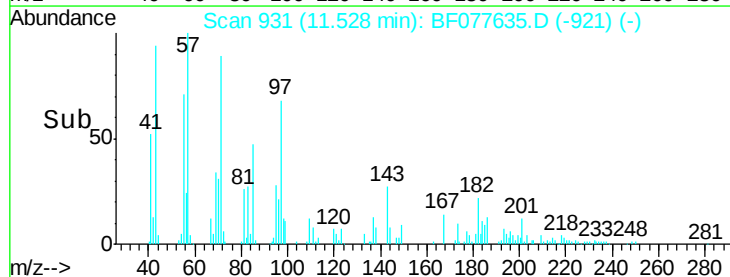
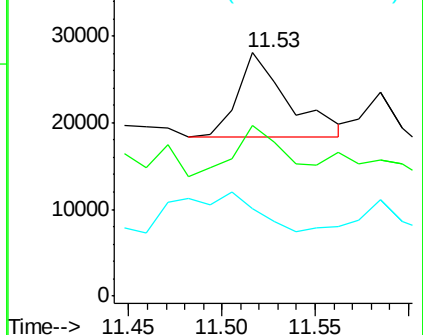
150 35.1 10.5 15.7#

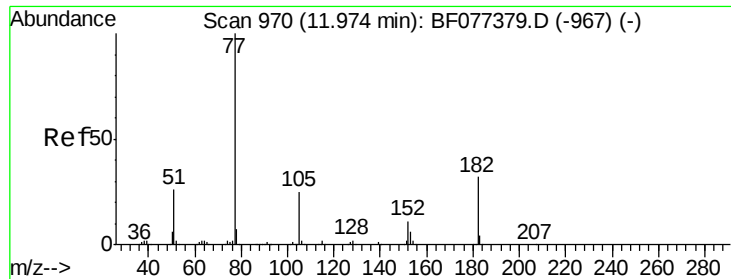


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 5.12 ng

RT: 11.86 min Scan# 960

Delta R.T. 0.03 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

Tgt Ion: 77 Resp: 37198

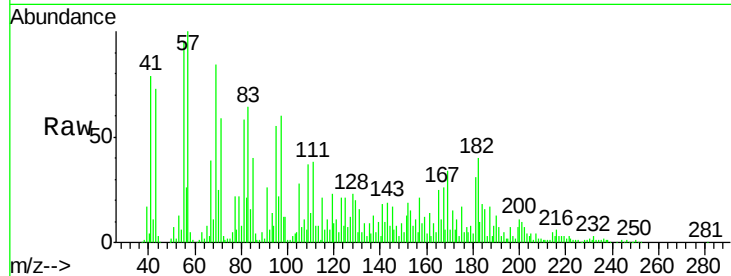
Ion Ratio Lower Upper

77 100

182 178.6 4.9 44.9#

105 124.1 3.3 43.3#

51 31.8 8.9 48.9

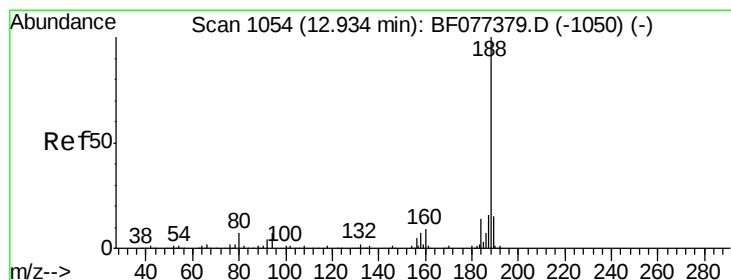
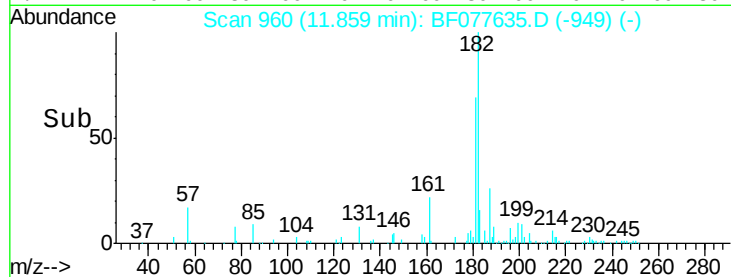
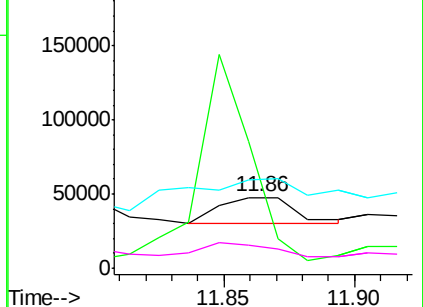


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.81 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

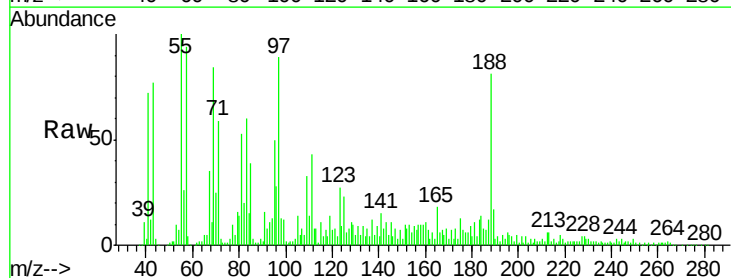
Tgt Ion: 188 Resp: 209457

Ion Ratio Lower Upper

188 100

94 16.4 7.4 11.2#

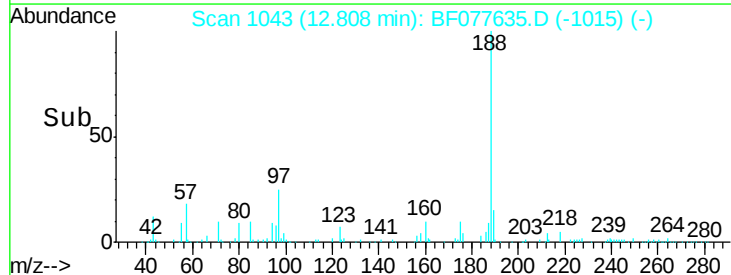
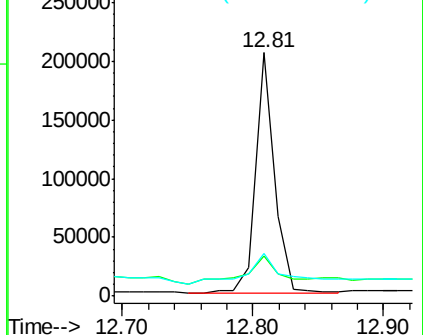
80 17.4 8.0 12.0#

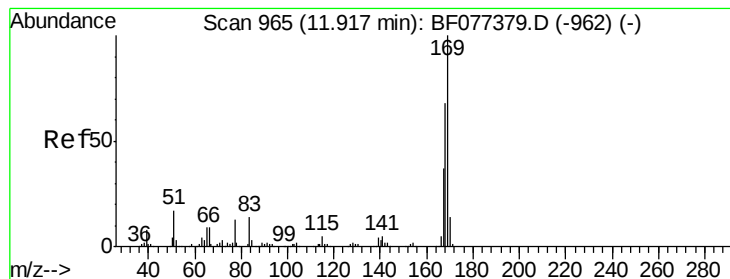


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 47.14 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

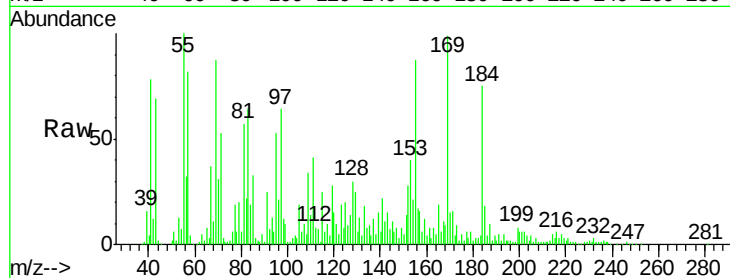
Tgt Ion:169 Resp: 327603

Ion Ratio Lower Upper

169 100

168 9.1 53.0 79.6#

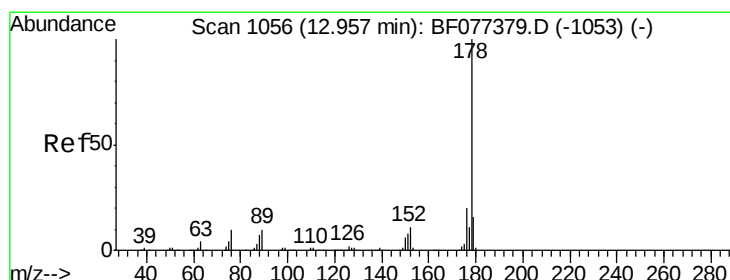
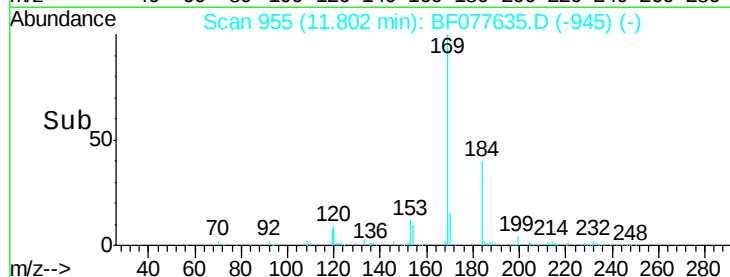
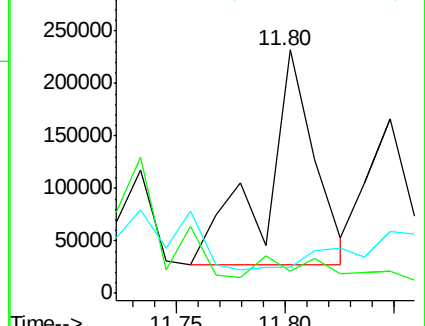
167 10.7 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 51.37 ng

RT: 12.84 min Scan# 1046

Delta R.T. 0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

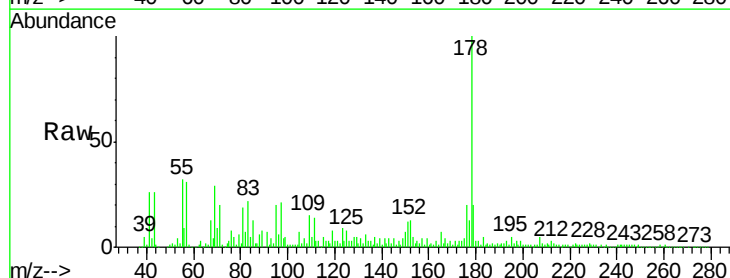
Tgt Ion:178 Resp: 623693

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

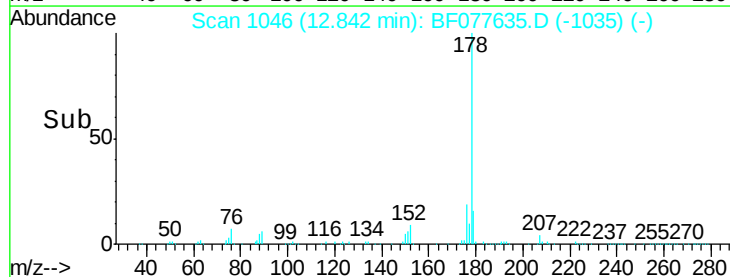
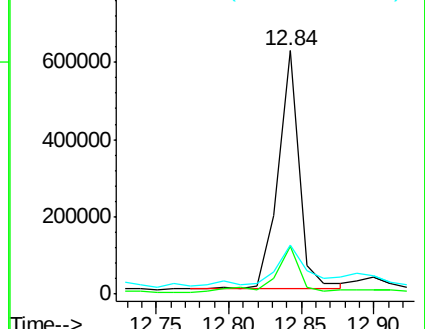
179 20.0 12.2 18.2#

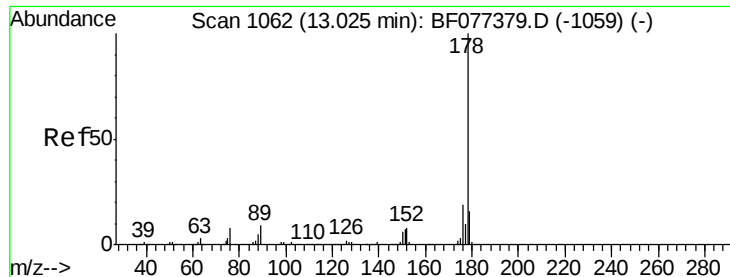


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

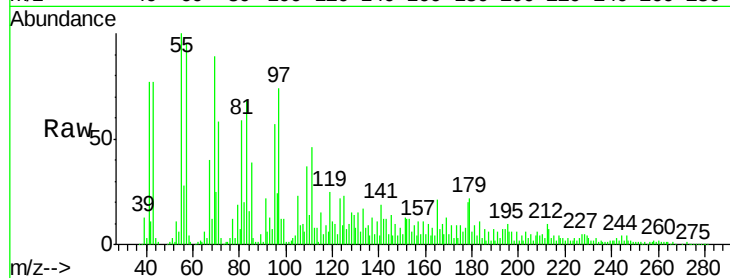




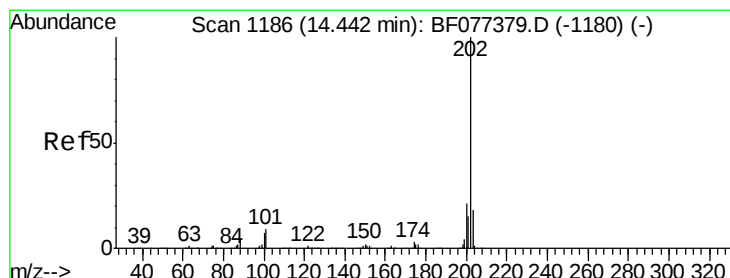
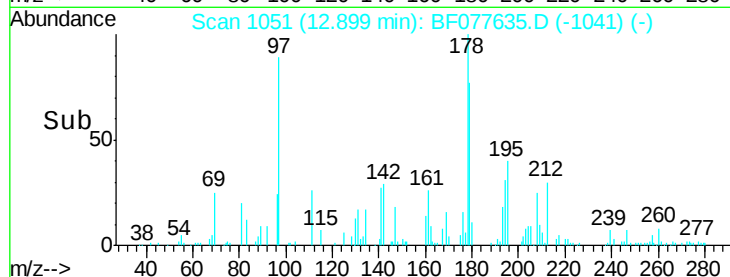
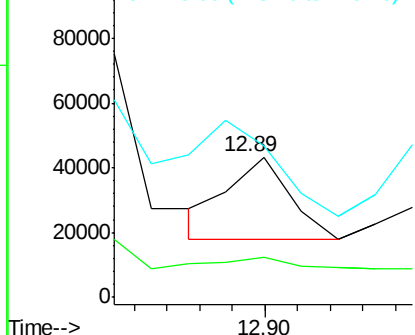
#71
 Anthracene
 Concen: 2.78 ng
 RT: 12.89 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:178 Resp: 33476
 Ion Ratio Lower Upper
 178 100
 176 28.8 15.4 23.0#
 179 108.4 12.9 19.3#

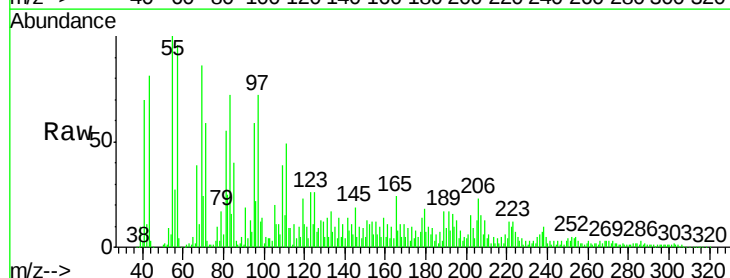


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

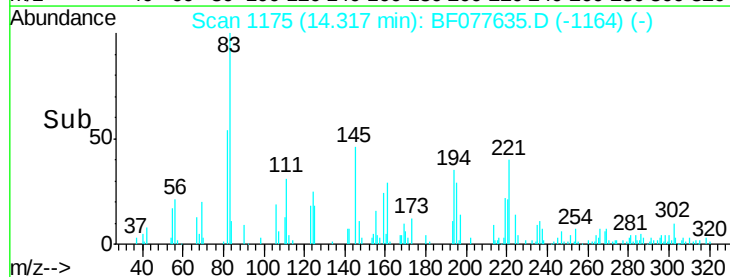
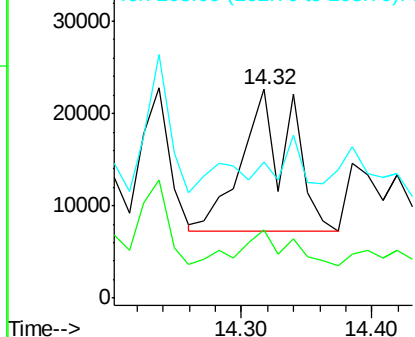


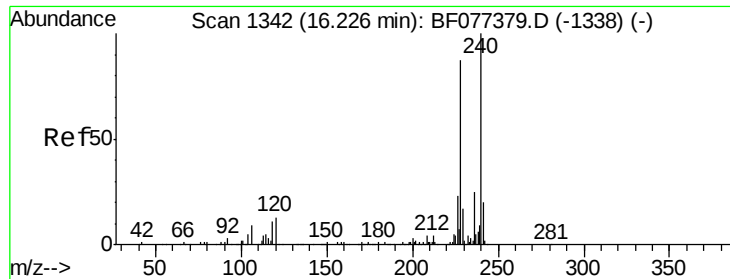
#74
 Fluoranthene
 Concen: 3.07 ng
 RT: 14.32 min Scan# 1175
 Delta R.T. 0.02 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion:202 Resp: 40701
 Ion Ratio Lower Upper
 202 100
 101 32.5 0.0 30.8#
 203 65.1 0.0 37.7#



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: 16.08 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

Instrument :

BNA_F

ClientSampleId :

TW-1

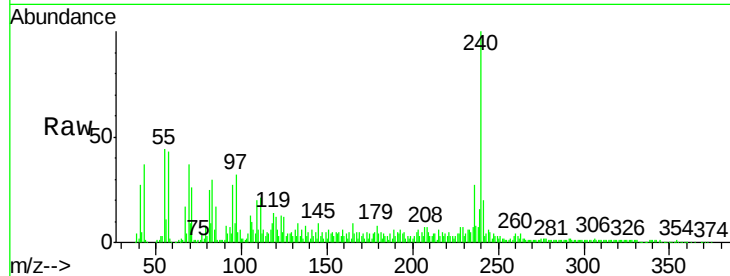
Tgt Ion:240 Resp: 255014

Ion Ratio Lower Upper

240 100

120 12.3 8.8 13.2

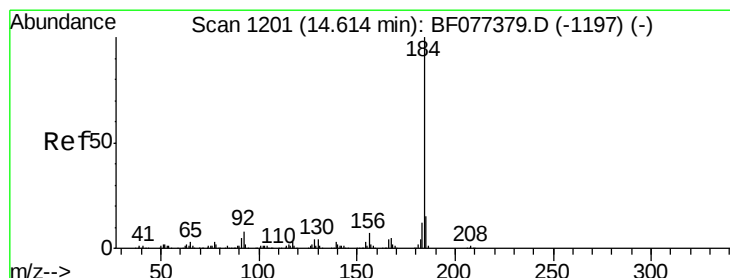
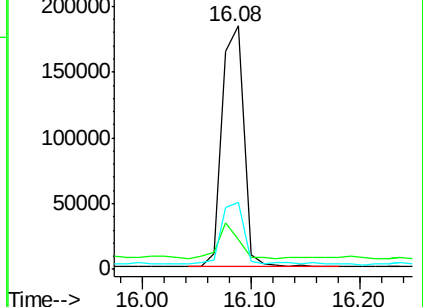
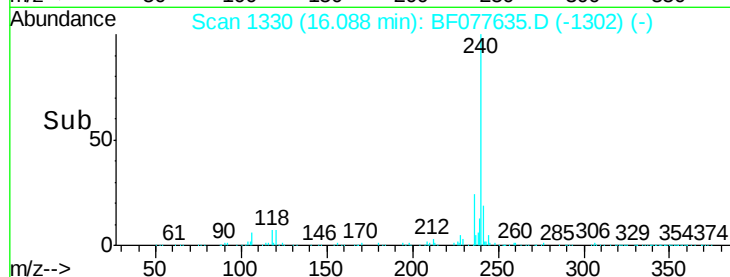
236 27.4 20.7 31.1



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



#76

Benzidine

Concen: 156.15 ng

RT: 14.49 min Scan# 1190

Delta R.T. 0.02 min

Lab File: BF077635.D

Acq: 6 Mar 2015 21:31

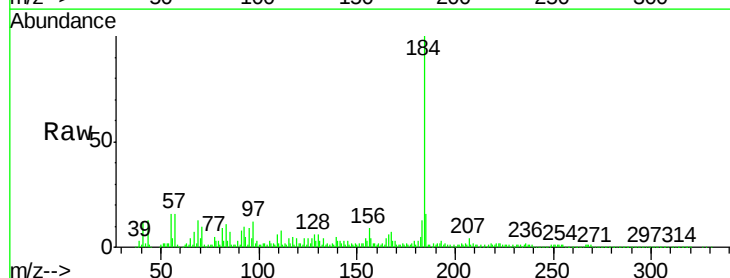
Tgt Ion:184 Resp: 1345337

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

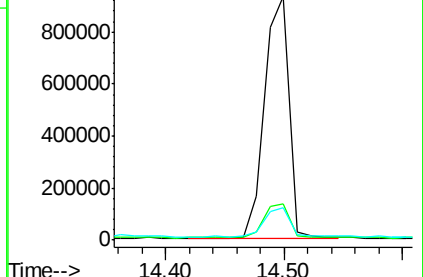
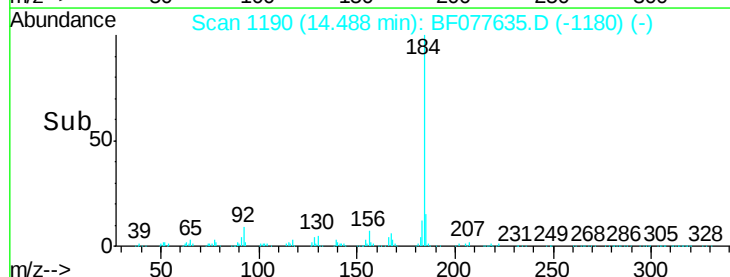
183 13.3 9.3 13.9

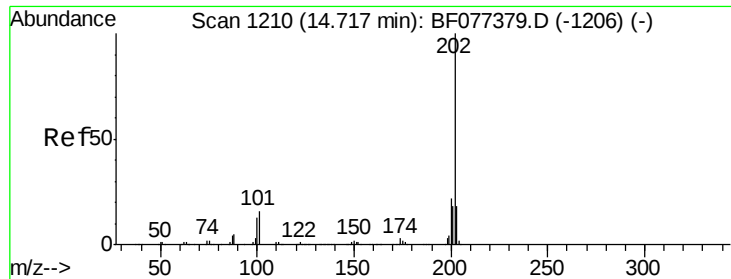


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

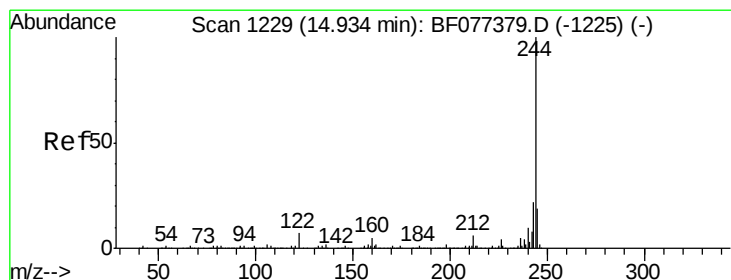
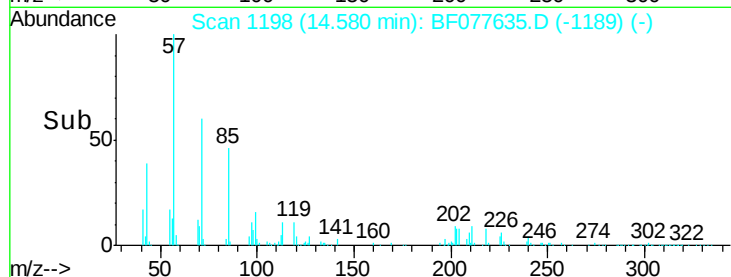
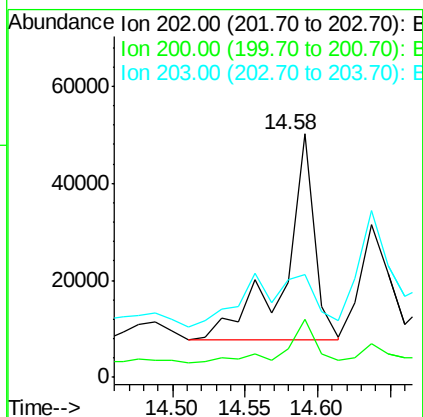
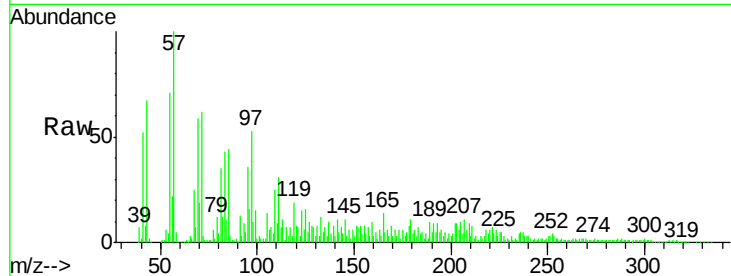




#77
 Pyrene
 Concen: 3.88 ng
 RT: 14.58 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

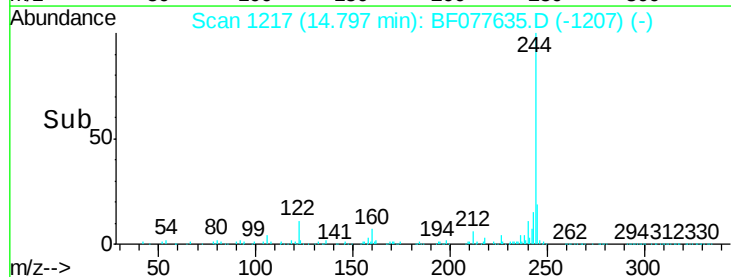
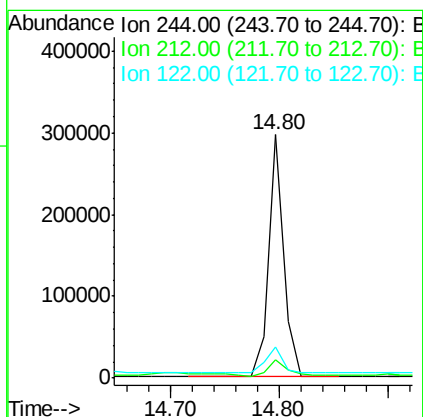
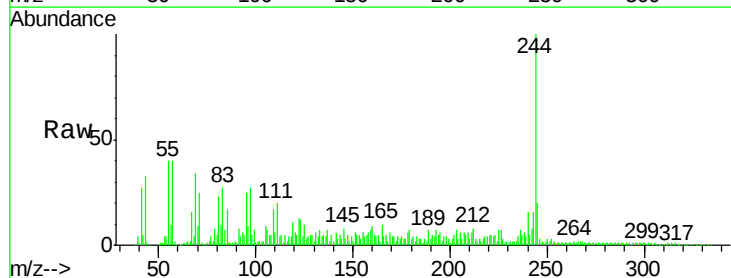
Instrument :
 BNA_F
 ClientSampleId :
 TW-1

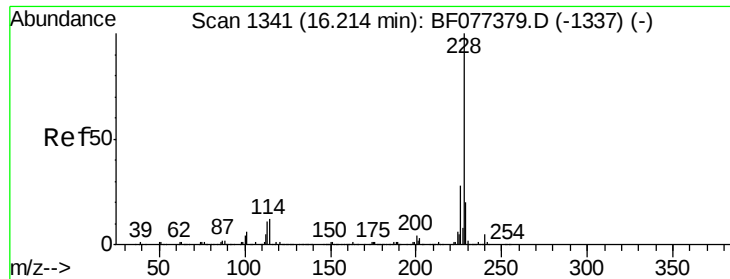
Tgt Ion: 202 Resp: 60559
 Ion Ratio Lower Upper
 202 100
 200 30.7 17.1 25.7#
 203 103.9 14.2 21.2#



#78
 Terphenyl-d14
 Concen: 26.28 ng
 RT: 14.80 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF077635.D
 Acq: 6 Mar 2015 21:31

Tgt Ion: 244 Resp: 286624
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.2 7.8
 122 13.0 7.8 11.8#

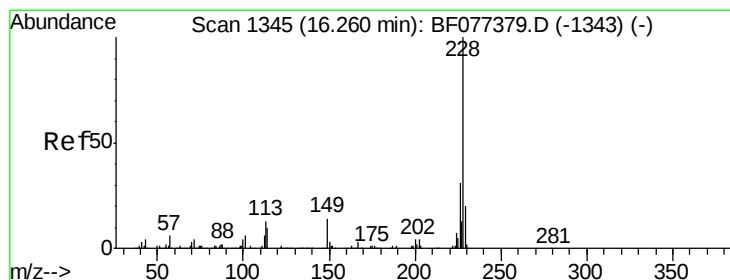
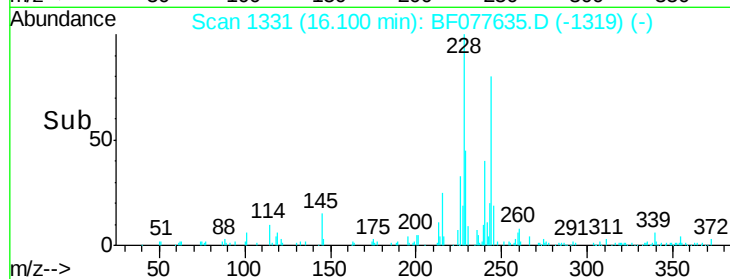
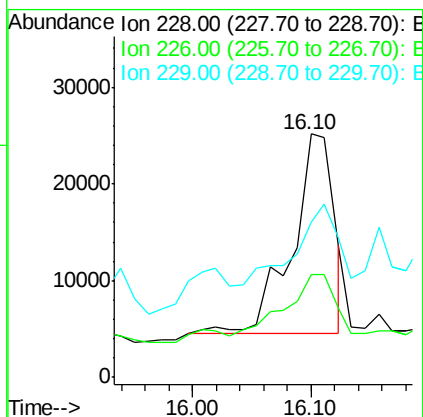
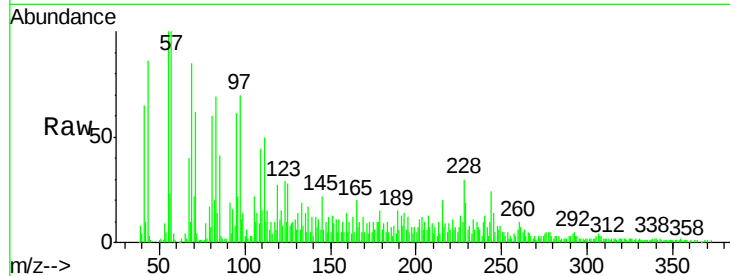




#80
Benzo(a)anthracene
Concen: 3.45 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.04 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

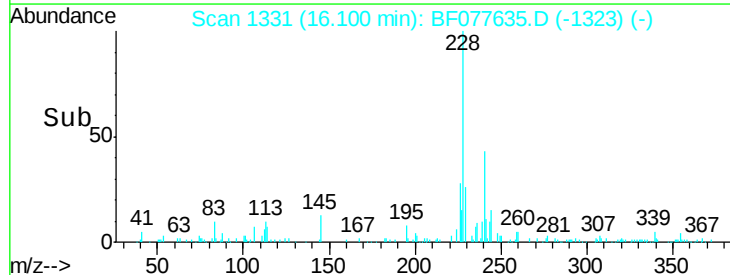
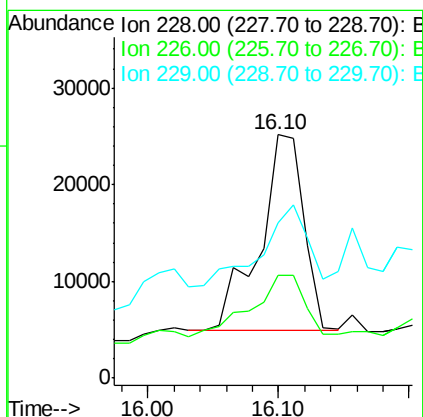
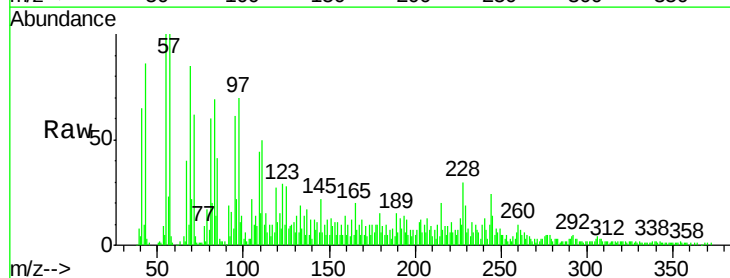
Instrument :
BNA_F
ClientSampleId :
TW-1

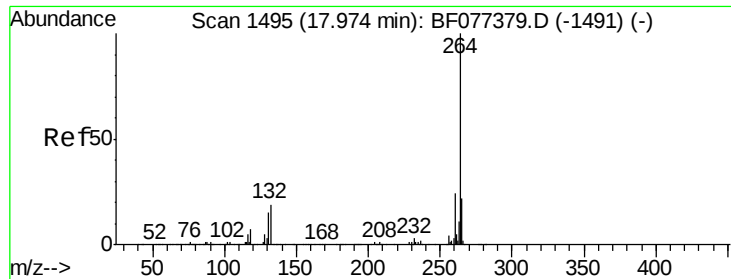
Tgt Ion:228 Resp: 51607
Ion Ratio Lower Upper
228 100
226 42.2 22.0 33.0#
229 63.9 15.8 23.8#



#82
Chrysene
Concen: 3.44 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Tgt Ion:228 Resp: 48345
Ion Ratio Lower Upper
228 100
226 42.2 24.9 37.3#
229 63.9 16.4 24.6#

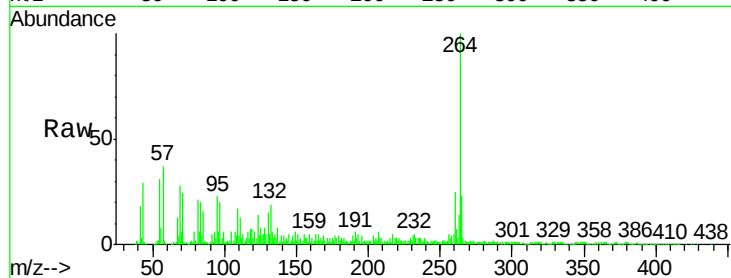




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.05 min
Lab File: BF077635.D
Acq: 6 Mar 2015 21:31

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	23.4	16.8	25.2



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

