

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077677.D
 Acq On : 10 Mar 2015 22:54
 Operator : TP/IZ
 Sample : G1443-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

Quant Time: Mar 11 00:24:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	59903	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	228495	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	94528	20.00	ng	0.01
63) Phenanthrene-d10	12.79	188	184874	20.00	ng	0.02
75) Chrysene-d12	16.06	240	271403	20.00	ng	-0.02
86) Perylene-d12	17.74	264	241327	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	15446	4.30	ng	0.02
7) Phenol-d6	6.76	99	60176	13.04	ng	0.01
23) Nitrobenzene-d5	7.89	82	18139	4.94	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.12	172	275892	45.51	ng	0.00
78) Terphenyl-d14	14.78	244	269388	23.20	ng	0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.60	77	23255	8.30	ng	# 1
15) Benzyl Alcohol	7.39	79	17300	4.93	ng	# 37
18) Hexachloroethane	7.85	117	167638	107.04	ng	# 38
19) n-Nitroso-di-n-propylamine	7.71	70	53239	18.17	ng	# 68
22) Acetophenone	7.68	105	197878	36.82	ng	# 51
24) Nitrobenzene	7.87	77	102491	26.51	ng	# 73
25) Isophorone	8.20	82	497438	68.24	ng	# 87
26) 2-Nitrophenol	8.32	139	18247	11.52	ng	# 1
27) 2,4-Dimethylphenol	8.34	122	17752	5.01	ng	# 56
28) bis(2-Chloroethoxy)methane	8.51	93	13036	2.83	ng	# 1
29) 2,4-Dichlorophenol	8.60	162	16217	4.87	ng	# 17
31) Naphthalene	8.79	128	759639	66.48	ng	# 97
35) Caprolactam	9.25	113	18183	17.90	ng	# 1
37) 2-Methylnaphthalene	9.66	142	1414714	174.34	ng	# 95
42) 2,4,6-Trichlorophenol	10.02	196	10656	5.93	ng	# 12
43) 2,4,5-Trichlorophenol	10.08	196	4008	2.09	ng	# 1
47) 2-Nitroaniline	10.35	65	12404	8.97	ng	# 62
48) Acenaphthylene	10.77	152	56219	6.32	ng	# 1
49) Dimethylphthalate	10.60	163	36437	5.48	ng	# 1
50) 2,6-Dinitrotoluene	10.70	165	33128	24.86	ng	# 74
51) Acenaphthene	10.99	154	69888	13.17	ng	# 77
52) 3-Nitroaniline	10.89	138	11492	7.48	ng	# 24
53) 2,4-Dinitrophenol	11.06	184	1271	3.13	ng	# 1
54) Dibenzofuran	11.21	168	101066	12.34	ng	# 14
55) 4-Nitrophenol	11.14	139	12043	9.75	ng	# 1
56) 2,4-Dinitrotoluene	11.21	165	47908	26.61	ng	# 59
57) Fluorene	11.63	166	209994	32.06	ng	# 76
59) Diethylphthalate	11.52	149	13558	2.07	ng	# 7
61) 4-Nitroaniline	11.59	138	5246	3.56	ng	# 87
62) Azobenzene	11.85	77	27169	4.37	ng	# 1
65) n-Nitrosodiphenylamine	11.78	169	314545	51.28	ng	# 53
70) Phenanthrene	12.82	178	560957	52.35	ng	# 94
71) Anthracene	12.88	178	24550	2.31	ng	# 1
72) Carbazole	13.08	167	22590	2.23	ng	# 1

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-1RE

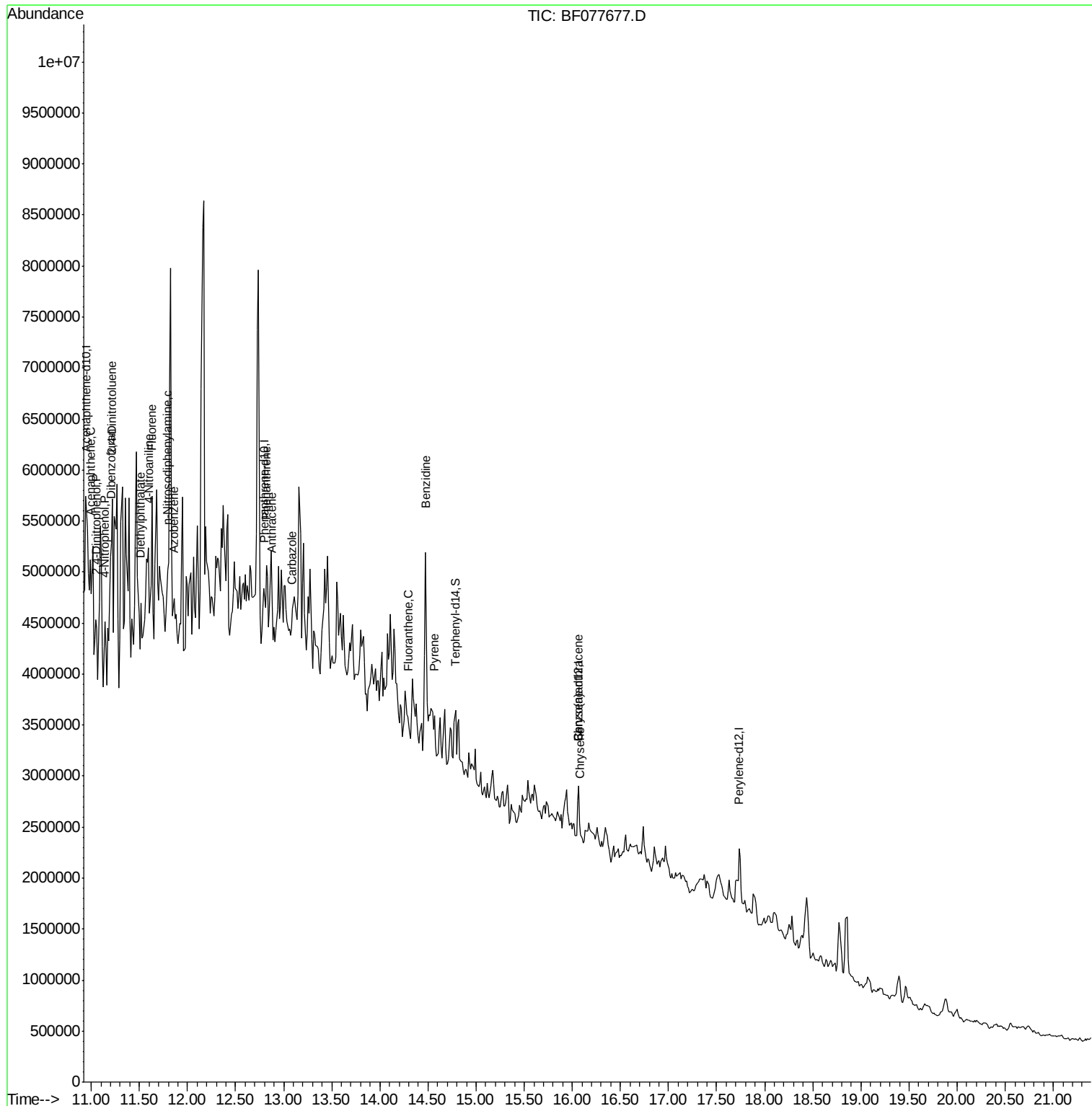
Quant Time: Mar 11 00:24:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

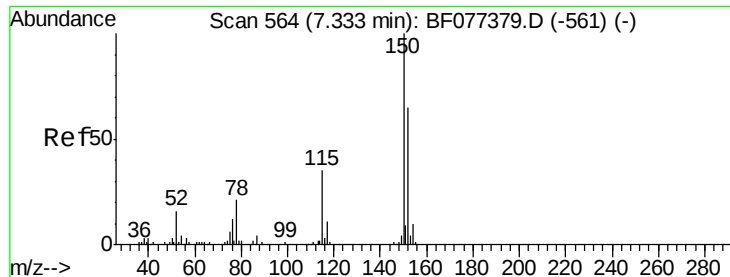
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	14.30	202	35272	3.01	ng	# 1
76) Benzidine	14.47	184	1048239	114.32	ng	98
77) Pyrene	14.56	202	63097	3.80	ng	# 1
80) Benzo(a)anthracene	16.07	228	59135	3.72	ng	# 46
82) Chrysene	16.08	228	53085	3.55	ng	# 53

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


```
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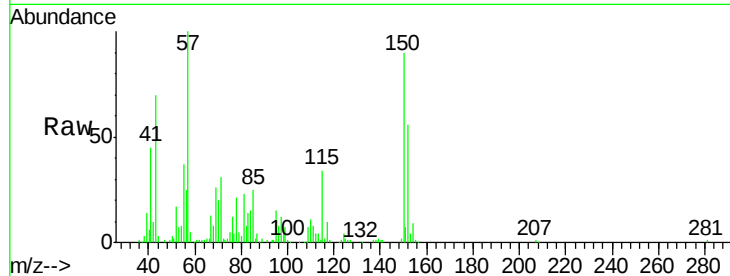


#1

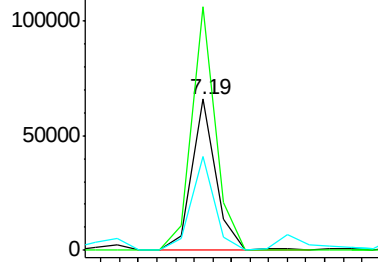
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Instrument :
BNA_F
ClientSampleId :
TW-1RE

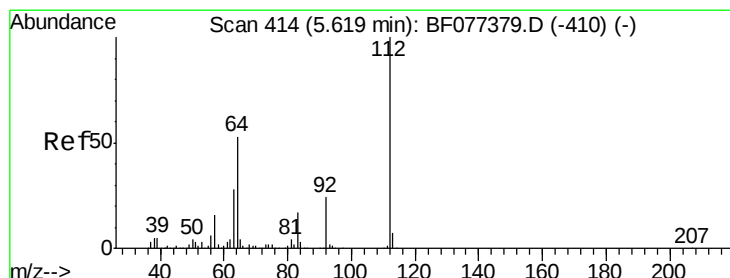
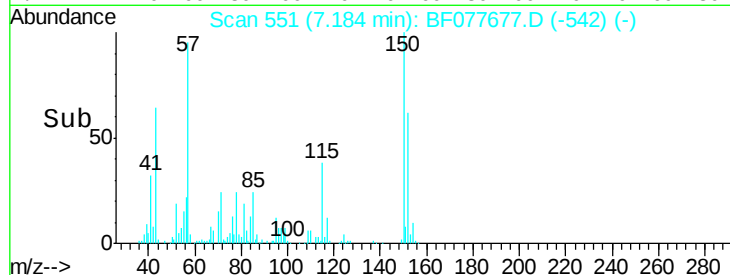
Tgt Ion:152 Resp: 59903
Ion Ratio Lower Upper
152 100
150 161.3 124.0 186.0
115 61.9 49.4 74.2



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



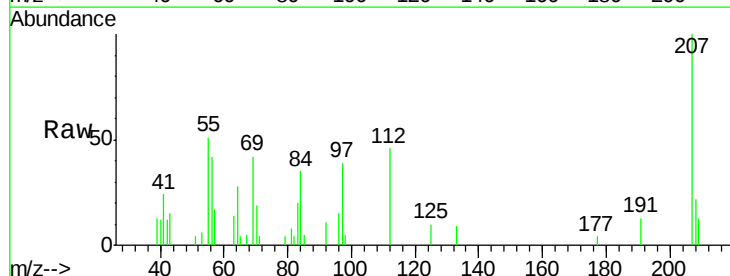
Time-->



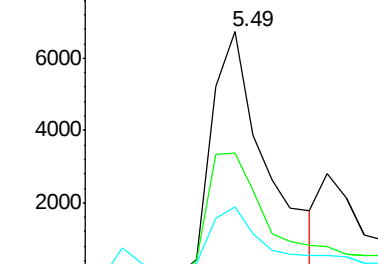
#5

2-Fluorophenol
Concen: 4.30 ng
RT: 5.49 min Scan# 403
Delta R.T. 0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

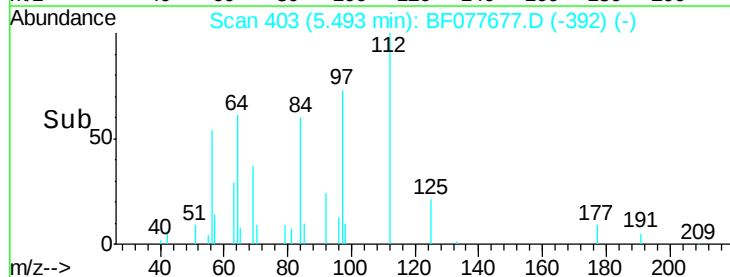
Tgt Ion:112 Resp: 15446
Ion Ratio Lower Upper
112 100
64 60.6 48.5 72.7
63 29.3 25.0 37.4

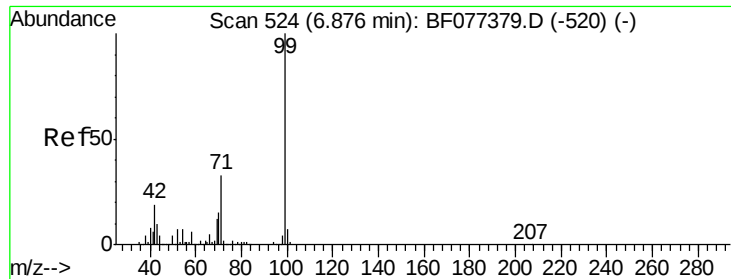


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 13.04 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleID :

TW-1RE

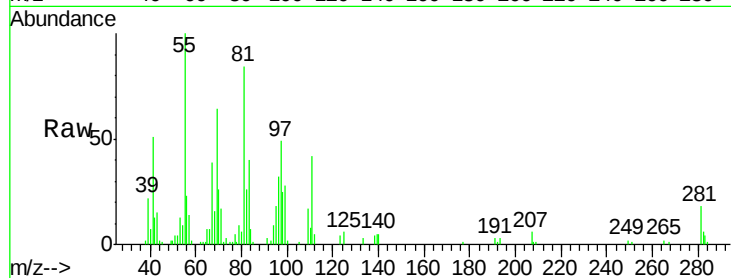
Tgt Ion: 99 Resp: 60176

Ion Ratio Lower Upper

99 100

42 47.1 16.2 24.4#

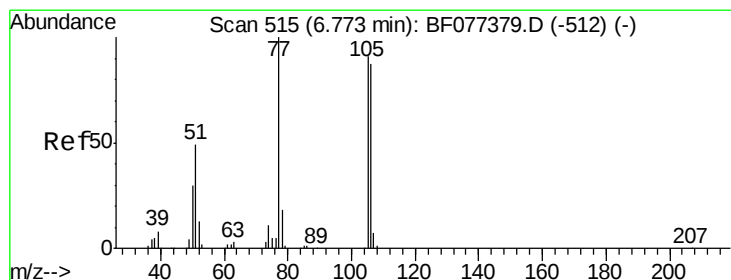
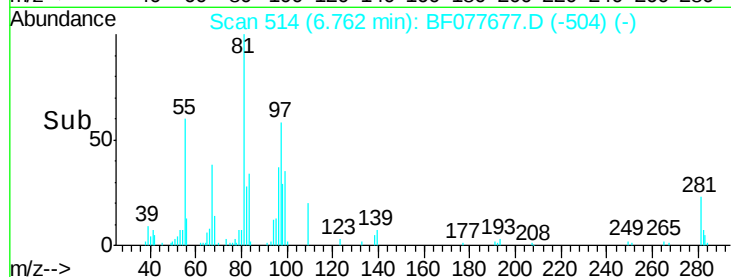
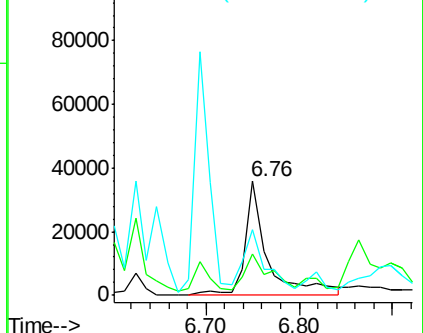
71 59.8 26.7 40.1#



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: 8.30 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

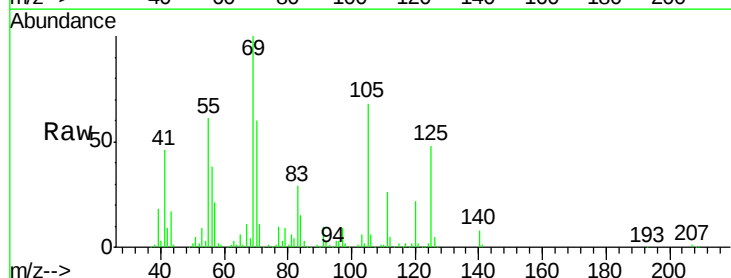
Tgt Ion: 77 Resp: 23255

Ion Ratio Lower Upper

77 100

105 648.0 85.9 125.9#

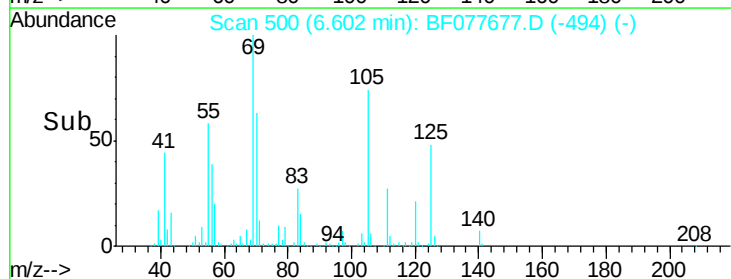
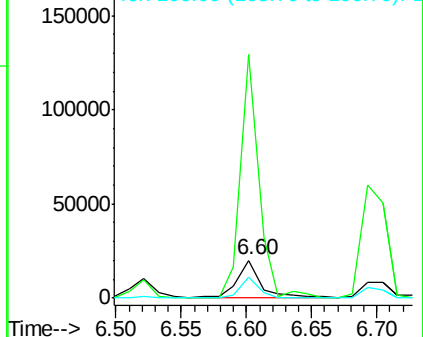
106 55.1 82.9 122.9#

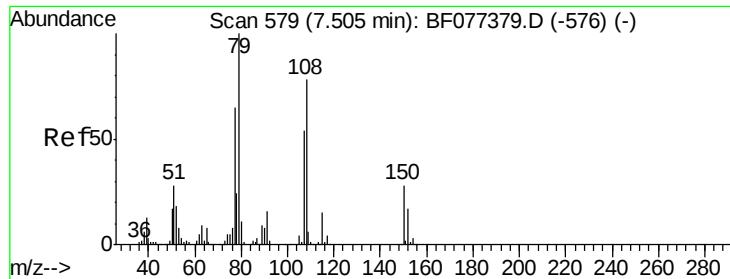


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 4.93 ng

RT: 7.39 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

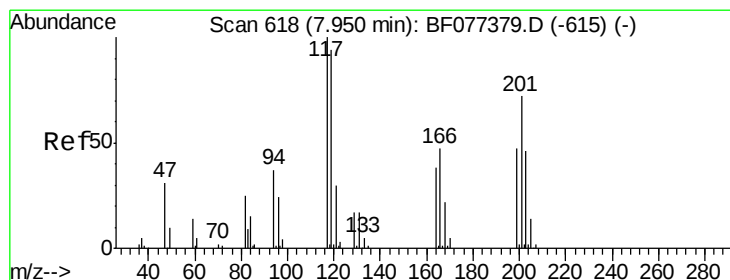
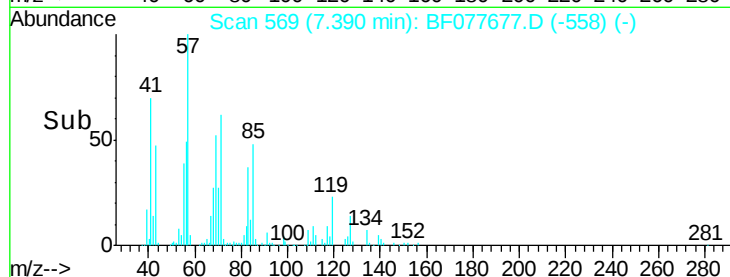
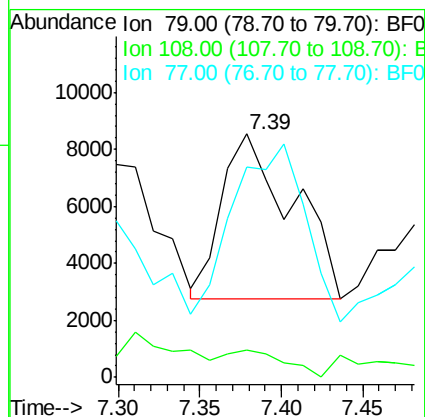
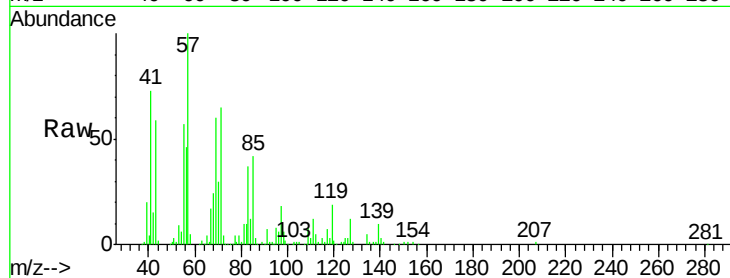
Tgt Ion: 79 Resp: 17300

Ion Ratio Lower Upper

79 100

108 11.7 58.3 87.5#

77 105.3 51.3 76.9#



#18

Hexachloroethane

Concen: 107.04 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.04 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

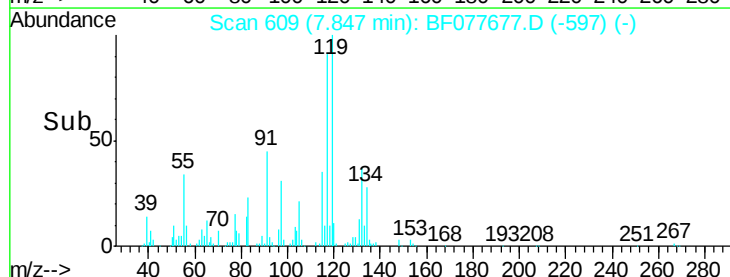
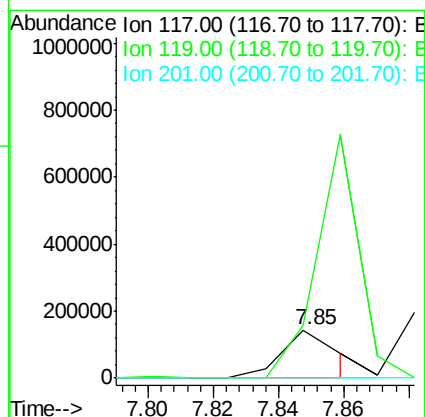
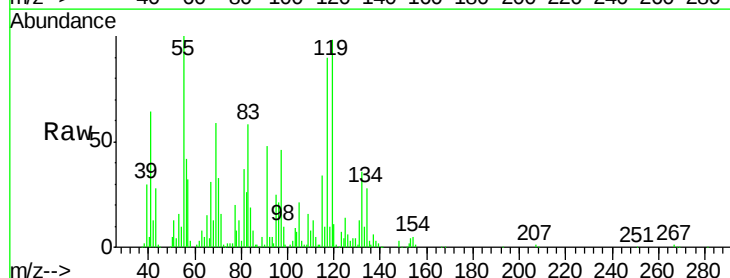
Tgt Ion: 117 Resp: 167638

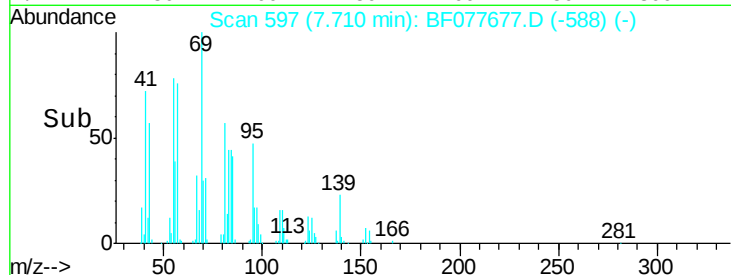
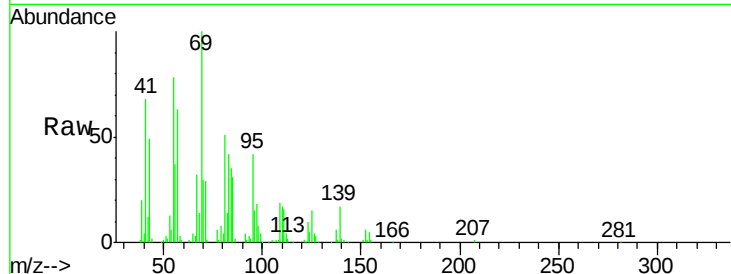
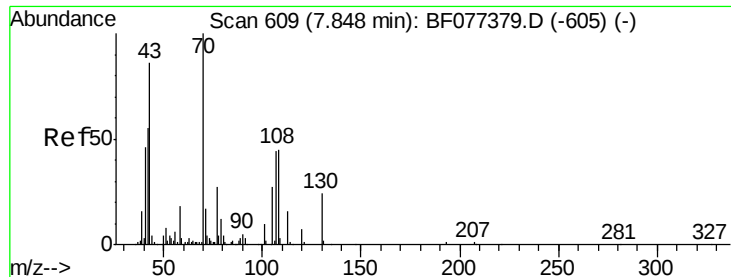
Ion Ratio Lower Upper

117 100

119 109.5 77.8 116.8

201 0.0 90.6 136.0#

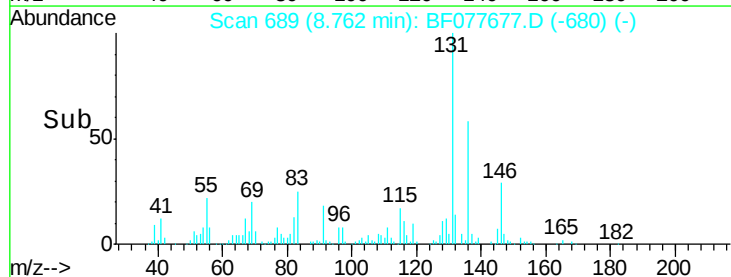
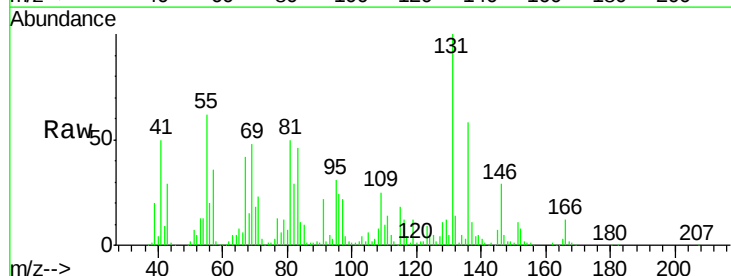
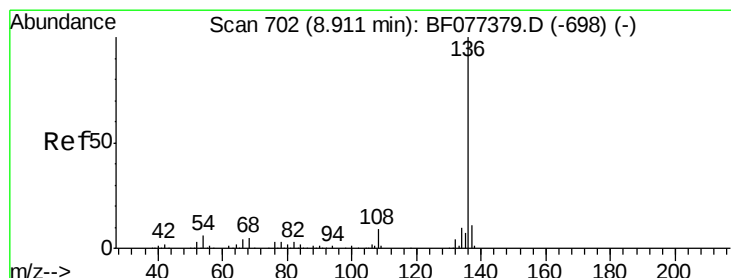
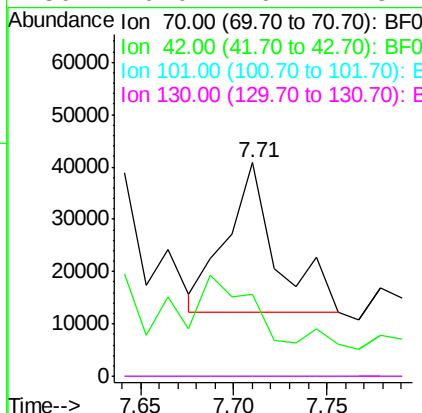




#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 7.71 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

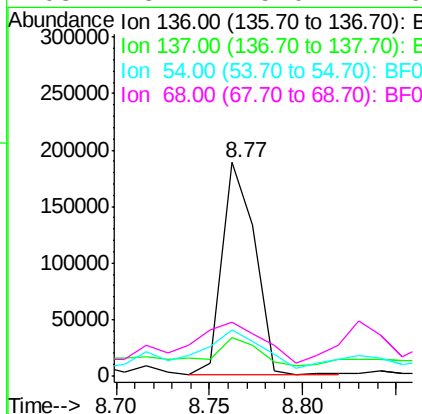
Instrument :
BNA_F
ClientSampleId :
TW-1RE

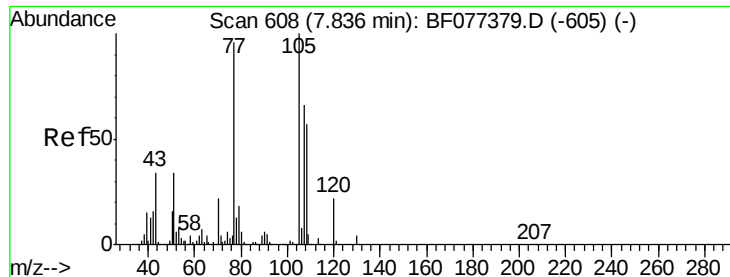
Tgt Ion:	70	Resp:	53239
Ion	Ratio	Lower	Upper
70	100		
42	38.2	48.3	72.5#
101	0.0	7.5	11.3#
130	0.0	16.7	25.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion:	136	Resp:	228495
Ion	Ratio	Lower	Upper
136	100		
137	18.0	8.6	13.0#
54	21.6	6.2	9.4#
68	25.4	5.0	7.6#





#22

Acetophenone

Concen: 36.82 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

Tgt Ion:105 Resp: 197878

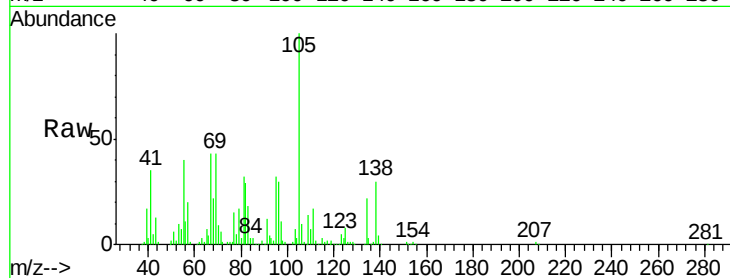
Ion Ratio Lower Upper

105 100

71 6.3 1.7 2.5#

51 5.8 30.7 46.1#

120 0.3 16.7 25.1#

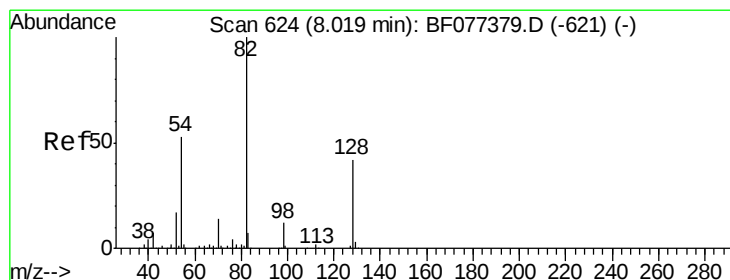
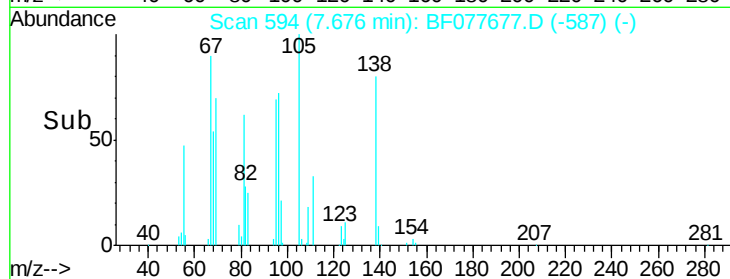
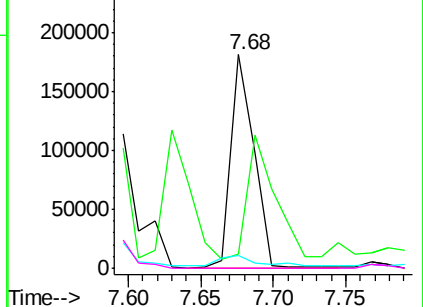


Abundance Ion 105.00 (104.70 to 105.70): E

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: 4.94 ng

RT: 7.89 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

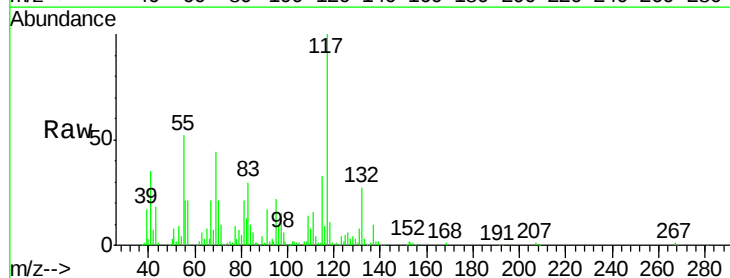
Tgt Ion: 82 Resp: 18139

Ion Ratio Lower Upper

82 100

128 29.2 43.8 65.8#

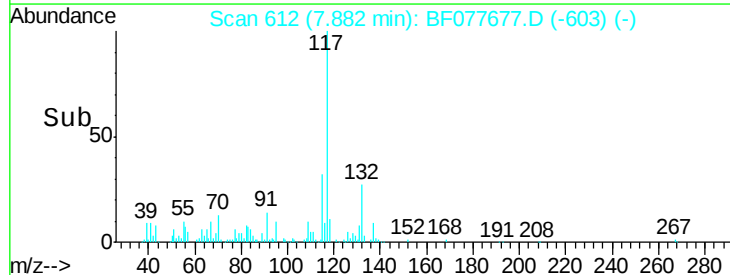
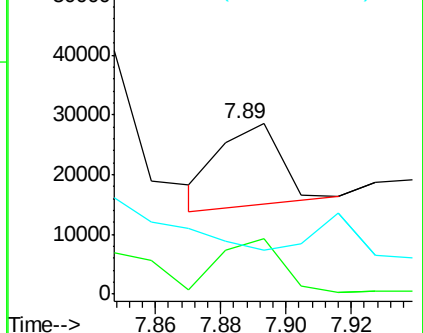
54 34.7 36.7 55.1#

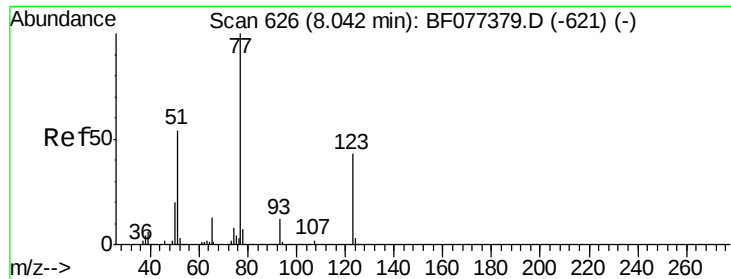


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

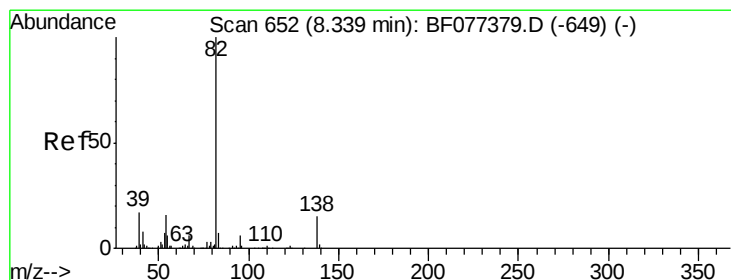
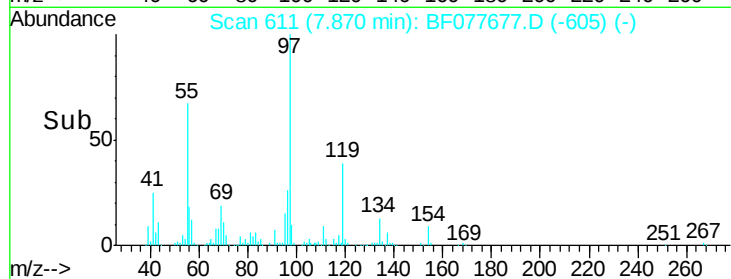
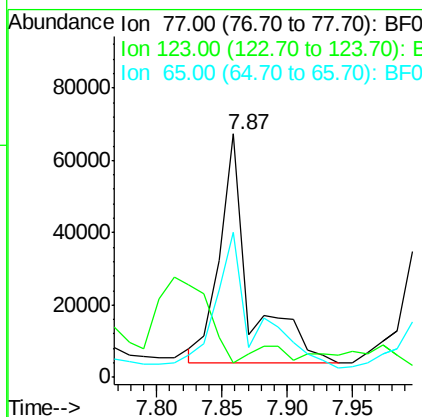
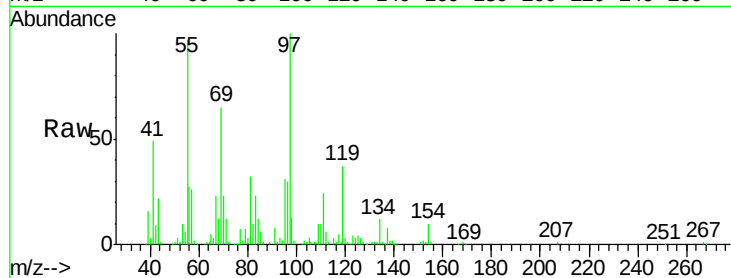




#24
 Nitrobenzene
 Concen: 26.51 ng
 RT: 7.87 min Scan# 611
 Delta R.T. -0.04 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

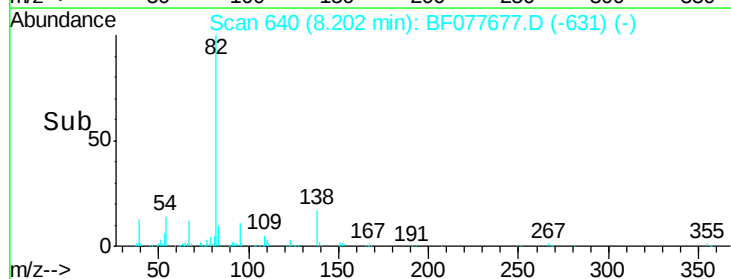
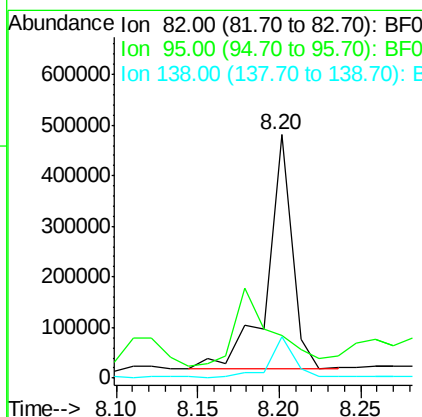
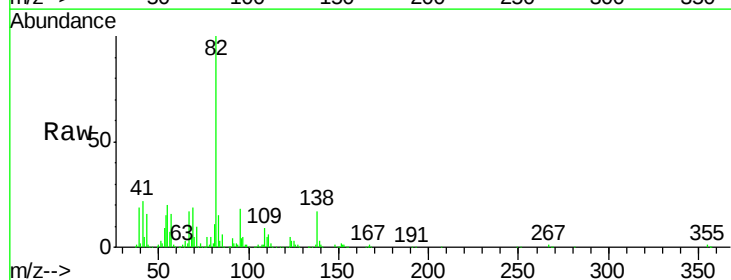
Instrument :
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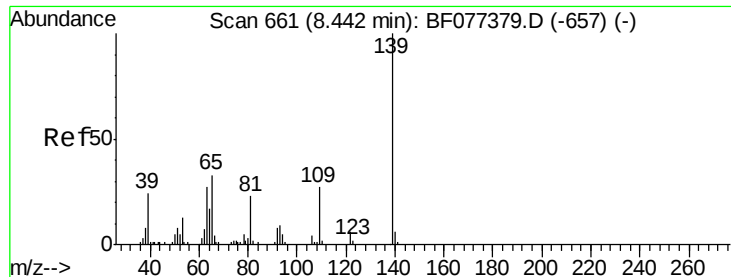
Tgt Ion: 77 Resp: 102491
 Ion Ratio Lower Upper
 77 100
 123 55.9 45.9 68.9
 65 68.8 9.5 14.3#



#25
 Isophorone
 Concen: 68.24 ng
 RT: 8.20 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion: 82 Resp: 497438
 Ion Ratio Lower Upper
 82 100
 95 17.6 5.4 8.2#
 138 16.9 16.3 24.5





#26

2-Nitrophenol

Concen: 11.52 ng

RT: 8.32 min Scan# 651

Delta R.T. 0.03 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

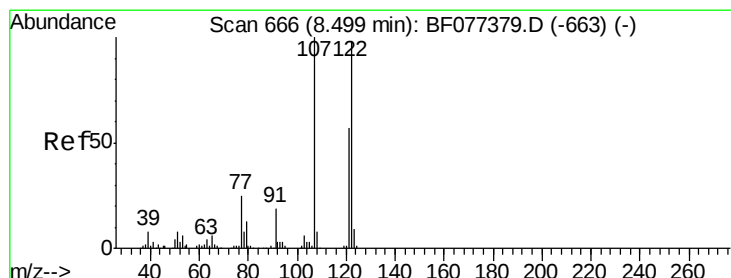
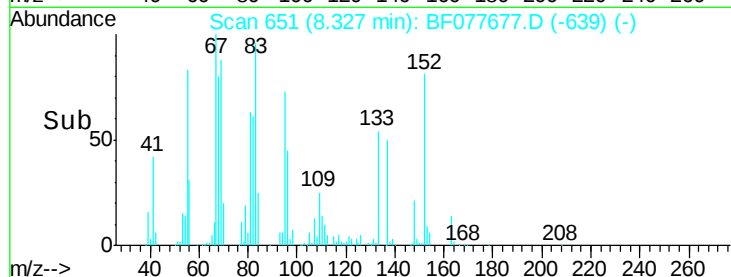
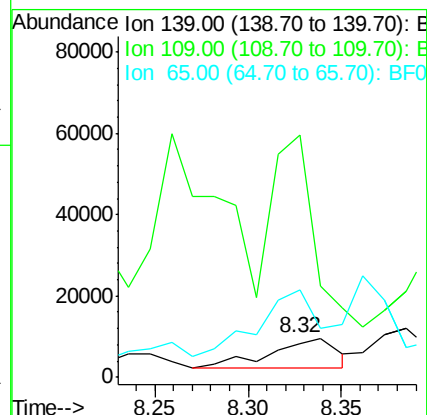
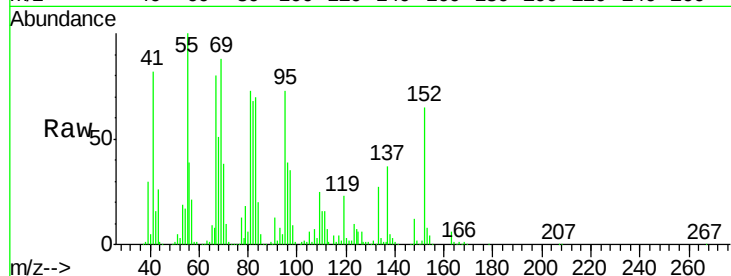
Tgt Ion:139 Resp: 18247

Ion Ratio Lower Upper

139 100

109 710.9 22.6 34.0#

65 257.7 36.4 54.6#



#27

2,4-Dimethylphenol

Concen: 5.01 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

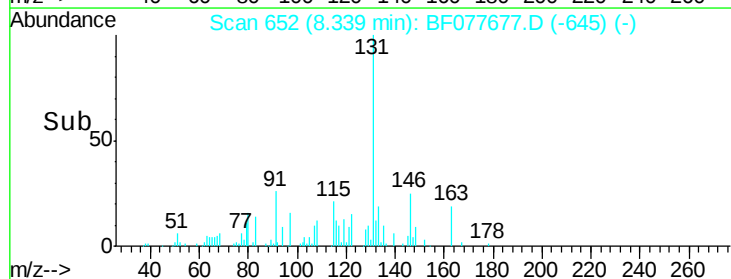
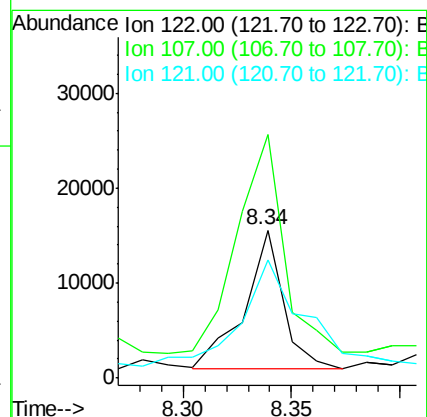
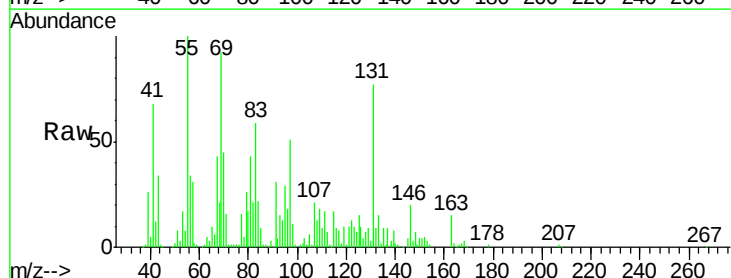
Tgt Ion:122 Resp: 17752

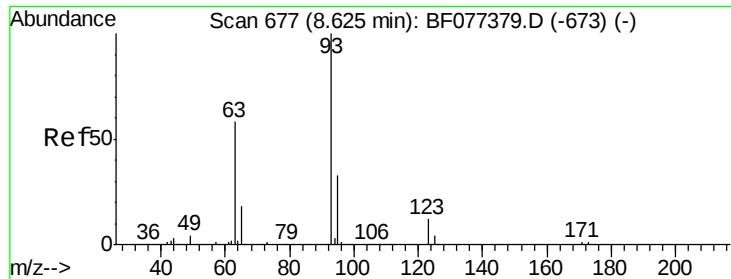
Ion Ratio Lower Upper

122 100

107 164.6 86.6 130.0#

121 79.9 47.4 71.0#

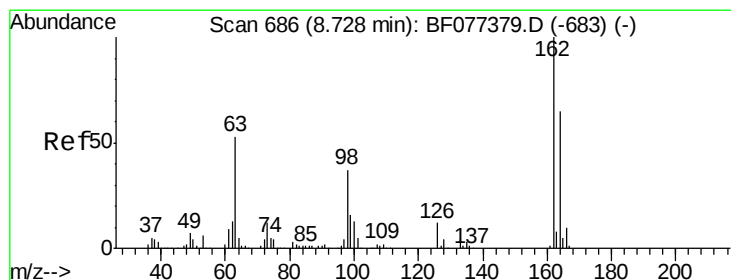
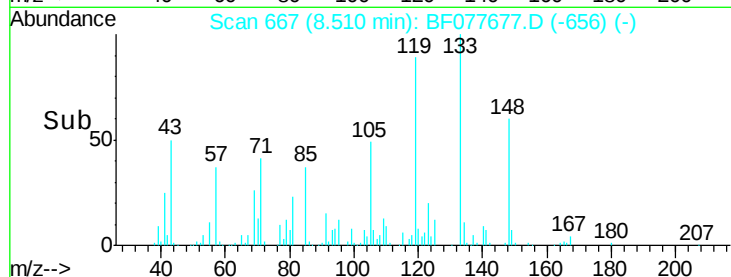
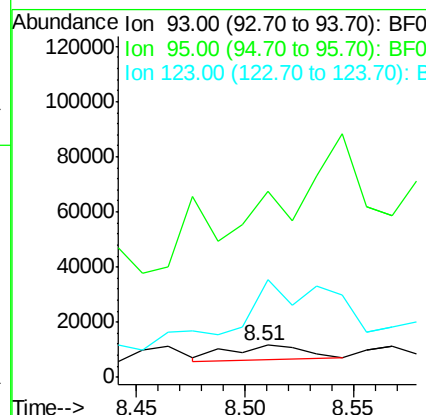
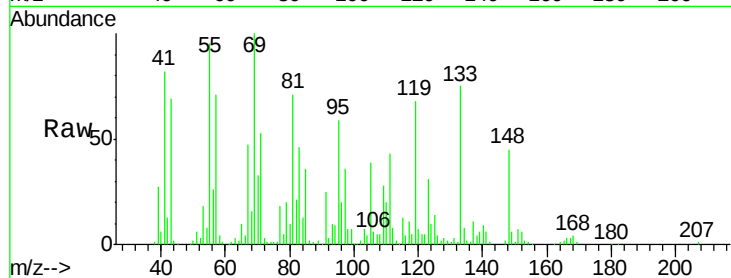




#28
bis(2-Chloroethoxy)methane
Concen: 2.83 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

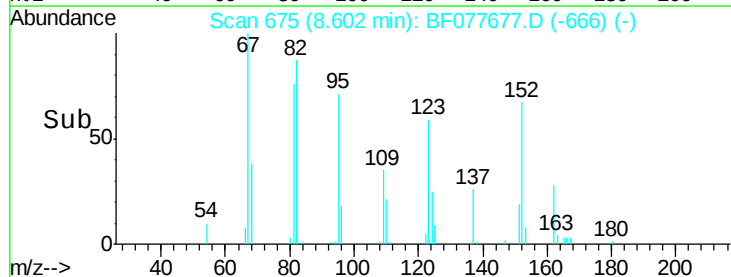
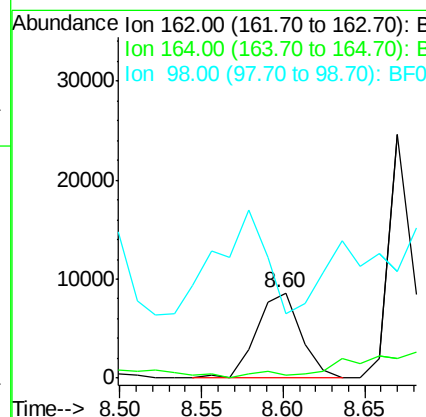
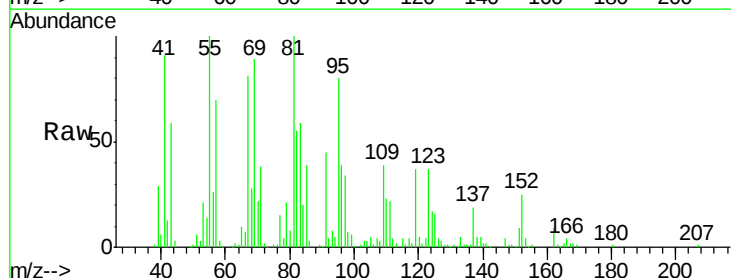
Instrument :
BNA_F
ClientSampled :
TW-1RE

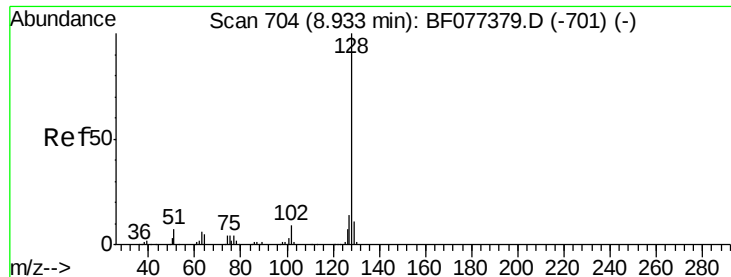
Tgt Ion: 93 Resp: 13036
Ion Ratio Lower Upper
93 100
95 587.1 26.4 39.6#
123 306.1 8.7 13.1#



#29
2,4-Dichlorophenol
Concen: 4.87 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion: 162 Resp: 16217
Ion Ratio Lower Upper
162 100
164 3.8 46.4 86.4#
98 75.6 6.9 46.9#

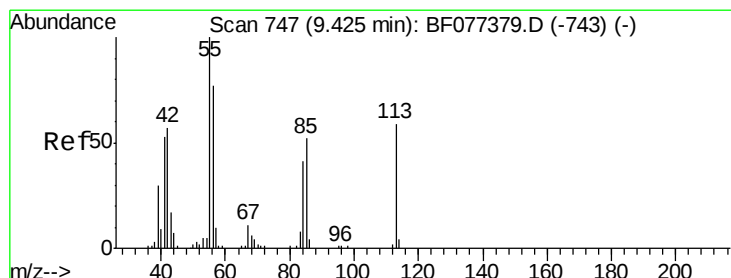
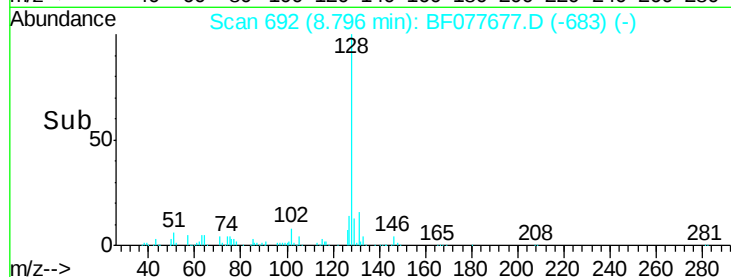
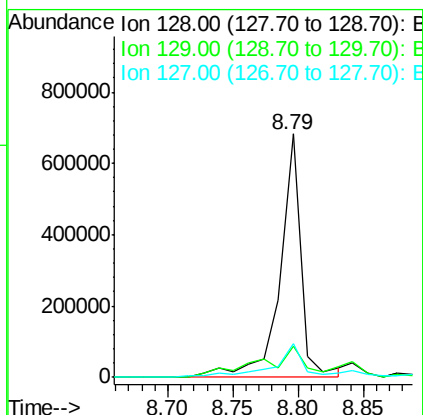
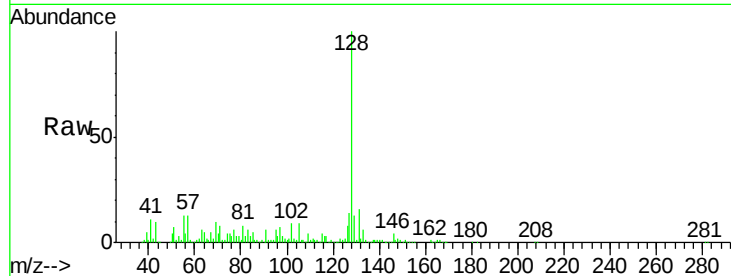




#31
Naphthalene
Concen: 66.48 ng
RT: 8.79 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

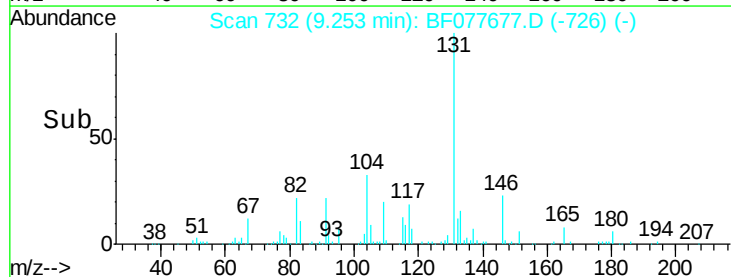
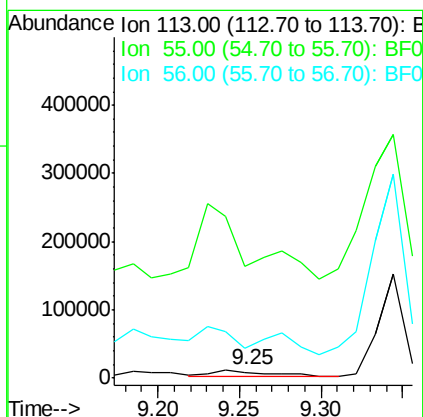
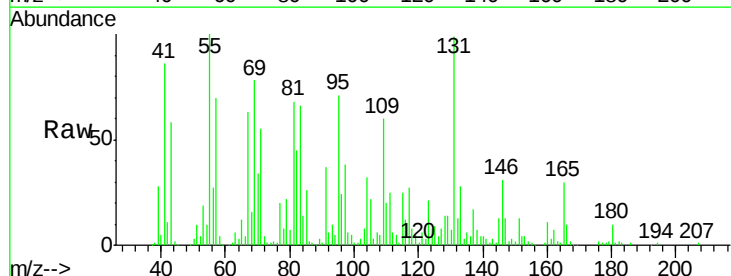
Instrument :
BNA_F
ClientSampleId :
TW-1RE

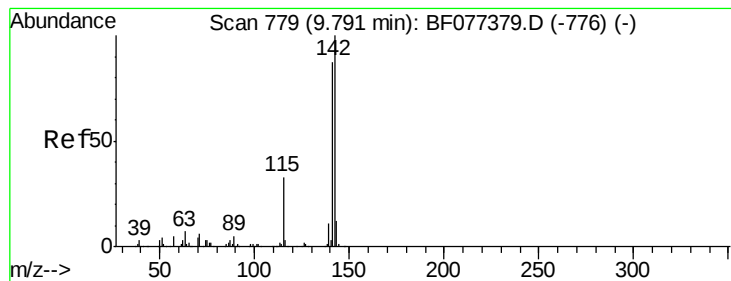
Tgt Ion:128 Resp: 759639
Ion Ratio Lower Upper
128 100
129 12.9 9.4 14.0
127 14.0 10.6 15.8



#35
Caprolactam
Concen: 17.90 ng
RT: 9.25 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion:113 Resp: 18183
Ion Ratio Lower Upper
113 100
55 1912.7 154.6 194.6#
56 520.0 114.0 154.0#

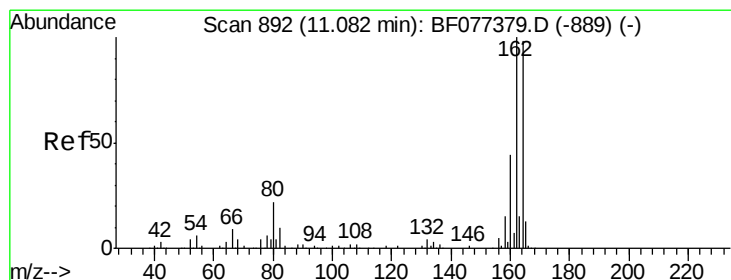
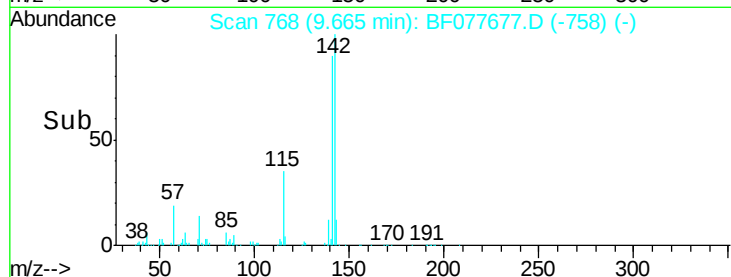
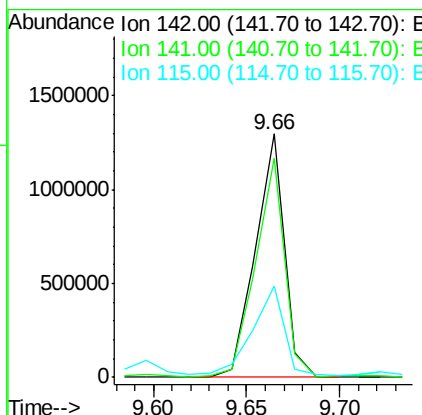
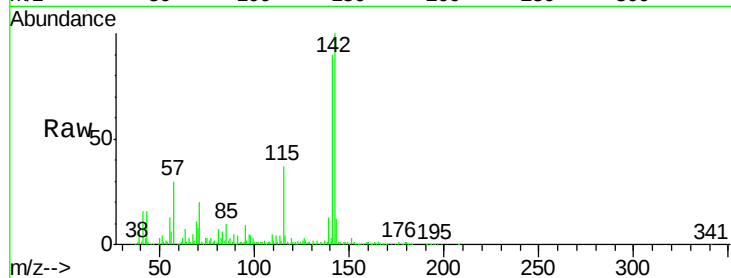




#37
 2-Methylnaphthalene
 Concen: 174.34 ng
 RT: 9.66 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

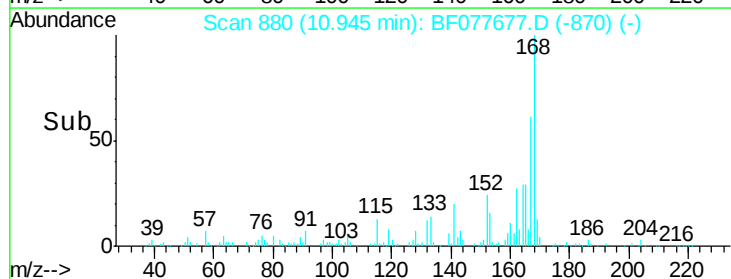
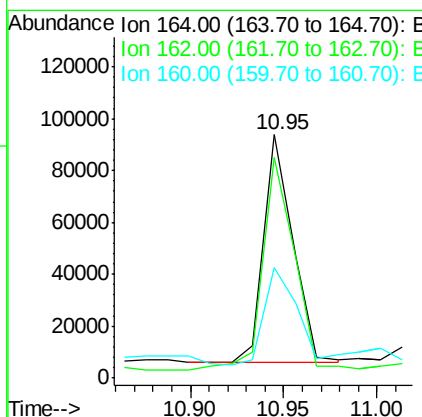
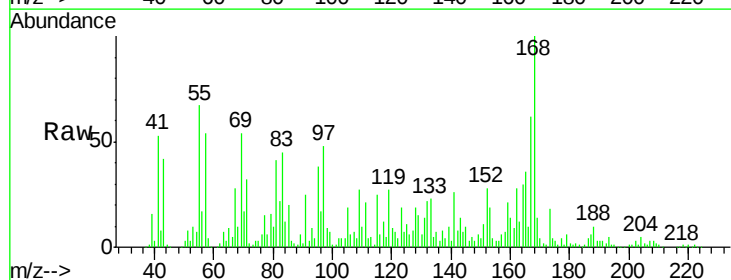
Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

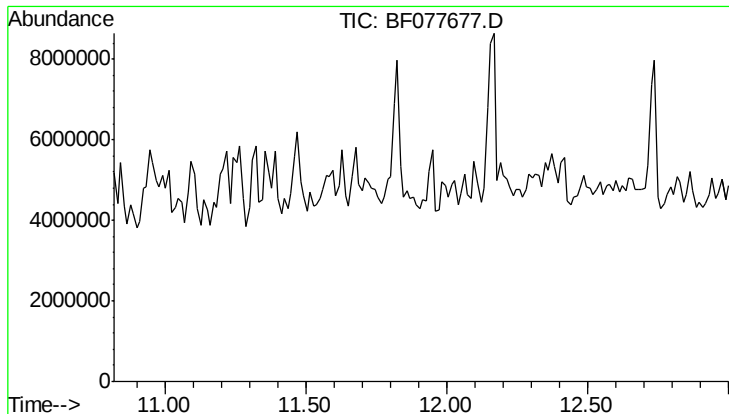
Tgt Ion:142 Resp: 1414714
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.7 106.1
 115 37.4 24.2 36.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.95 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion:164 Resp: 94528
 Ion Ratio Lower Upper
 164 100
 162 90.7 83.2 124.8
 160 45.2 34.6 52.0

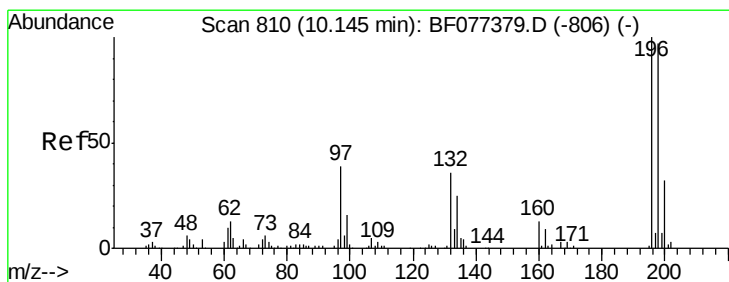
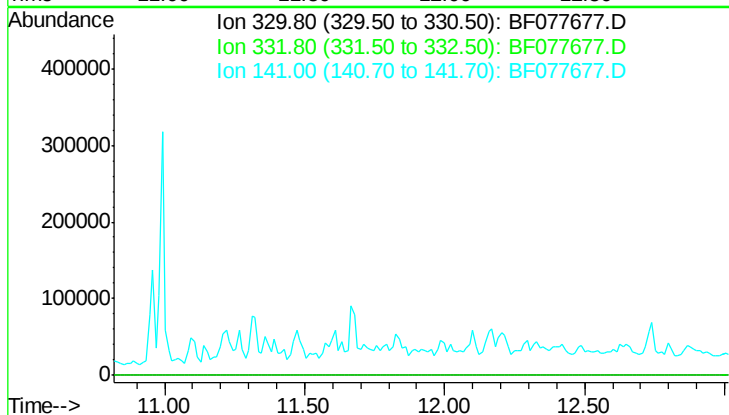




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.91 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

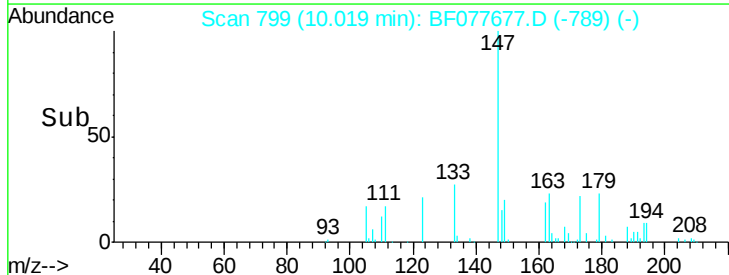
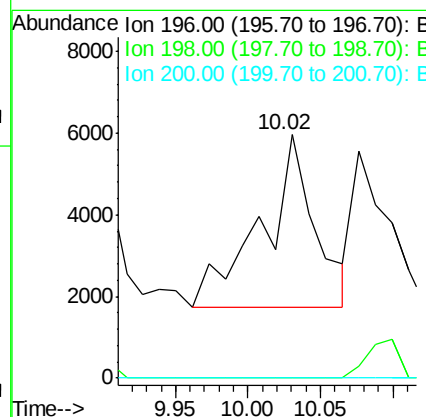
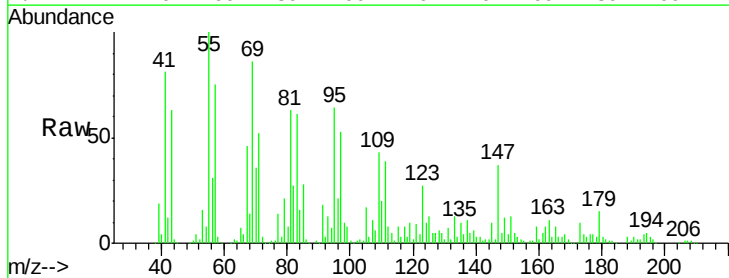
Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

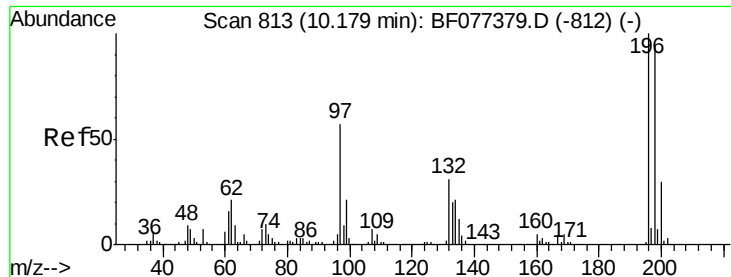
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 36.0



#42
 2,4,6-Trichlorophenol
 Concen: 5.93 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.02 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion: 196 Resp: 10656
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.8 113.8#
 200 0.0 24.2 36.4#

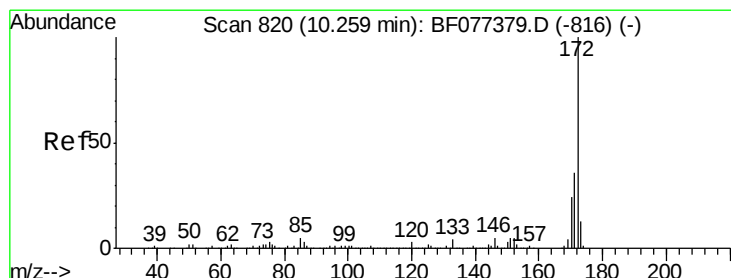
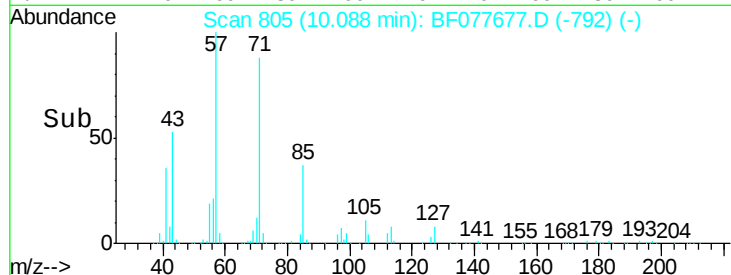
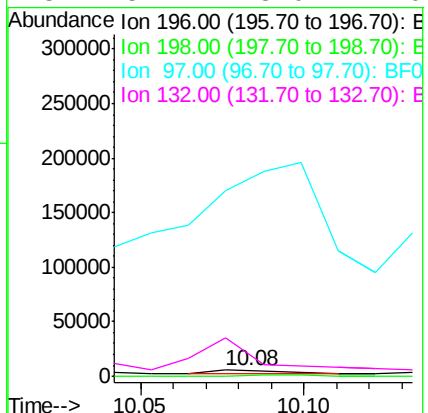
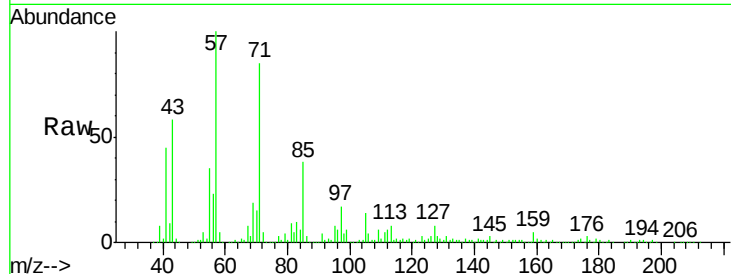




#43
 2,4,5-Trichlorophenol
 Concen: 2.09 ng
 RT: 10.08 min Scan# 805
 Delta R.T. 0.04 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

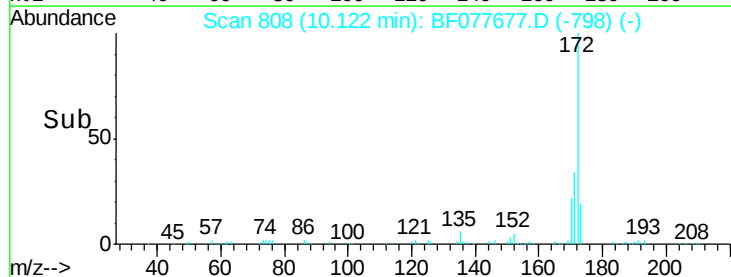
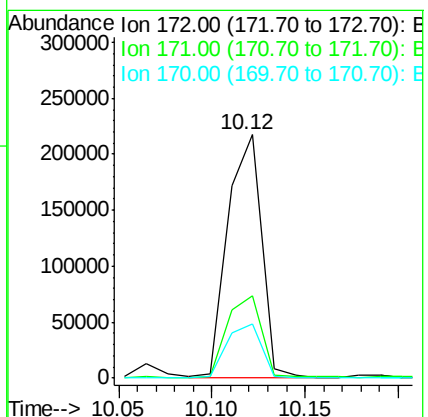
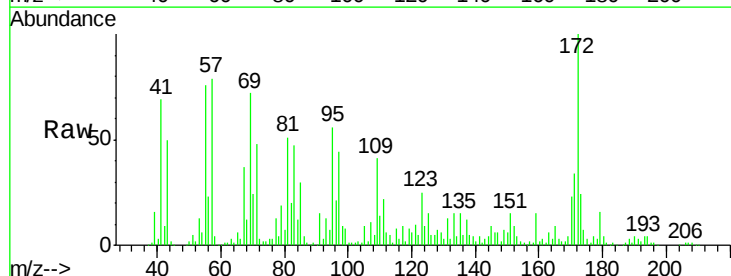
Instrument :
 BNA_F
 ClientSampled :
 TW-1RE

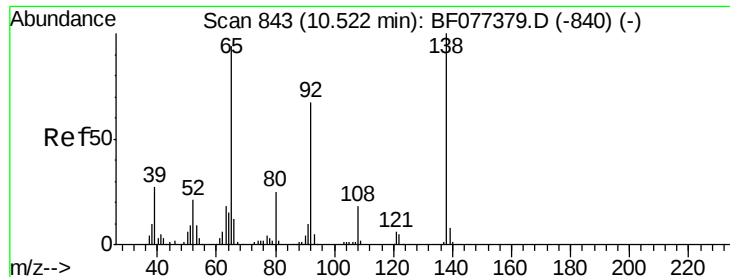
Tgt Ion:196 Resp: 4008
 Ion Ratio Lower Upper
 196 100
 198 19.1 77.2 115.8#
 97 4425.6 27.7 41.5#
 132 251.1 18.0 27.0#



#44
 2-Fluorobiphenyl
 Concen: 45.51 ng
 RT: 10.12 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion:172 Resp: 275892
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.9 43.3
 170 22.5 19.4 29.2

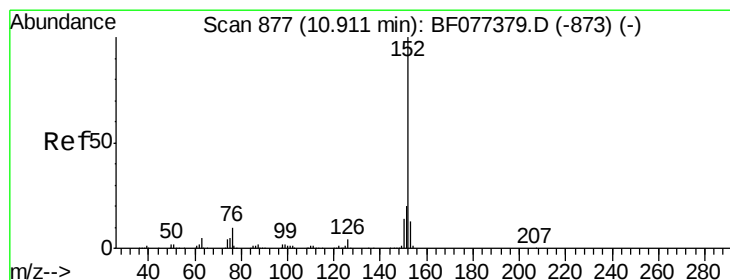
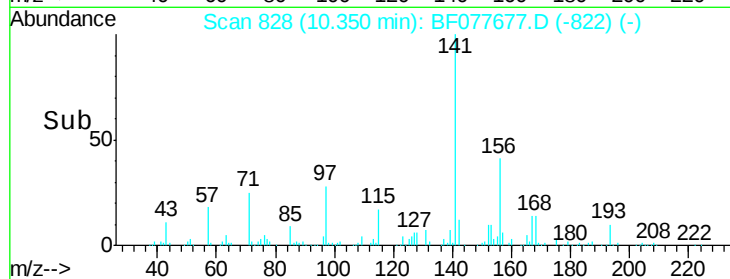
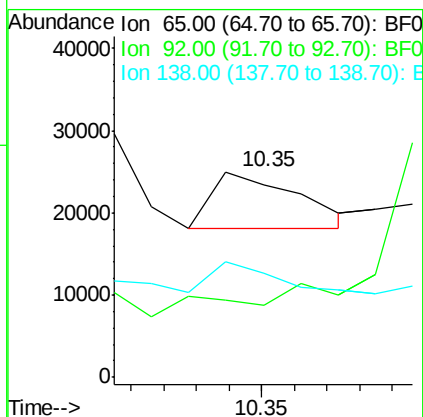
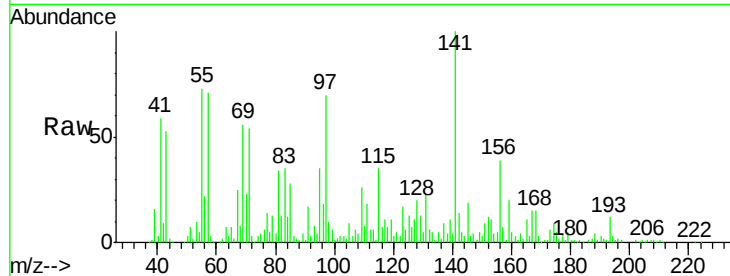




#47
2-Nitroaniline
Concen: 8.97 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

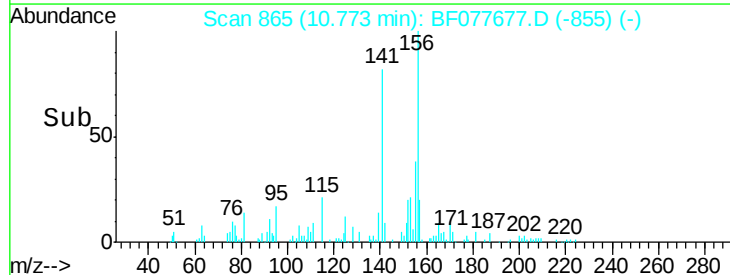
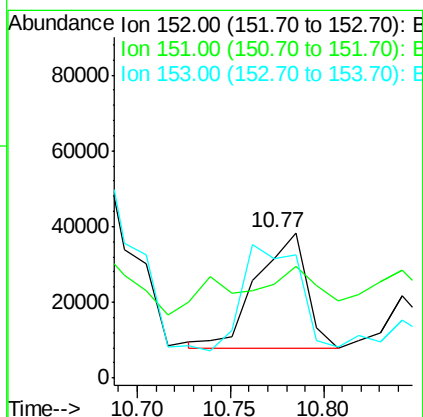
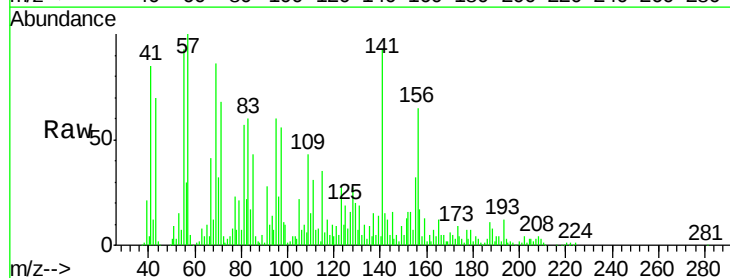
Instrument :
BNA_F
ClientSampleId :
TW-1RE

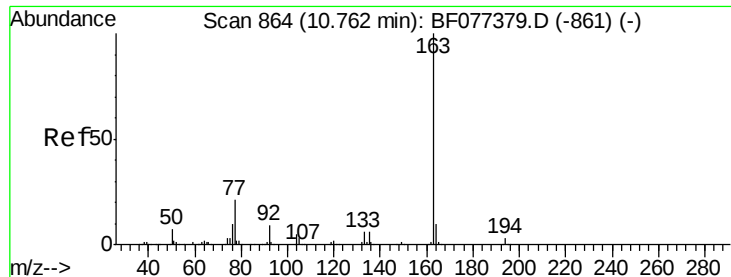
Tgt Ion: 65 Resp: 12404
Ion Ratio Lower Upper
65 100
92 37.6 52.4 78.6#
138 54.3 73.4 110.0#



#48
Acenaphthylene
Concen: 6.32 ng
RT: 10.77 min Scan# 865
Delta R.T. 0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion: 152 Resp: 56219
Ion Ratio Lower Upper
152 100
151 78.8 16.1 24.1#
153 99.7 10.9 16.3#

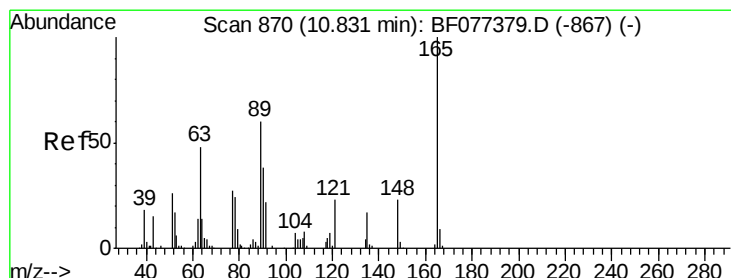
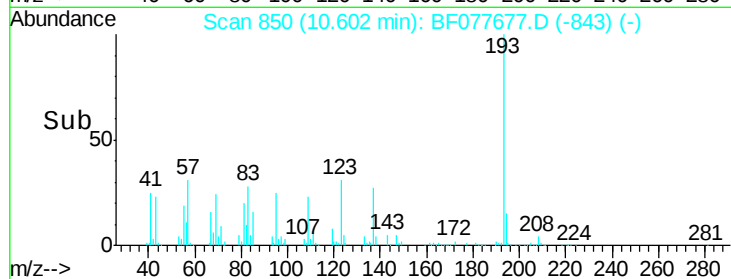
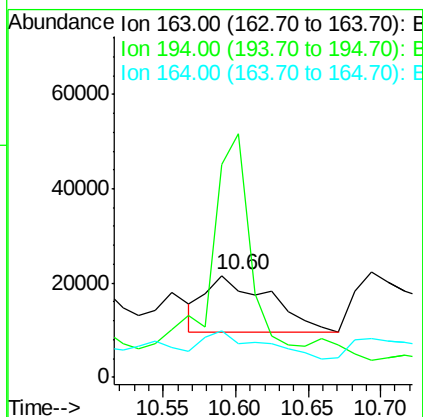
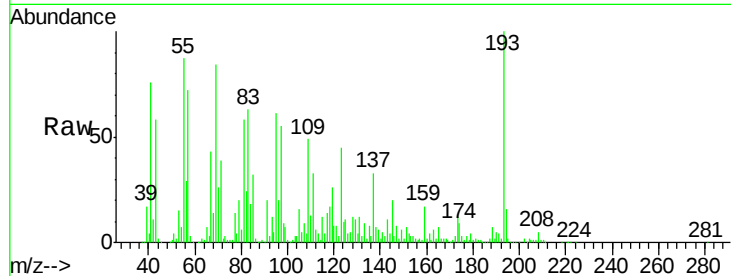




#49
Dimethylphthalate
Concen: 5.48 ng
RT: 10.60 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

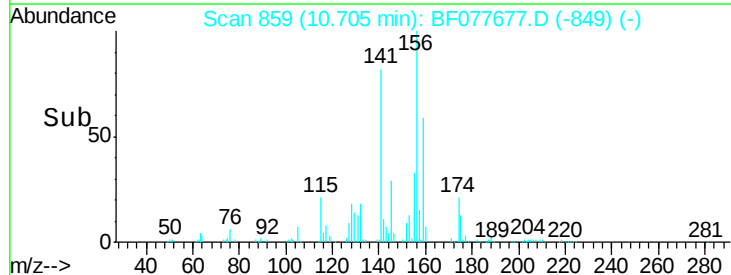
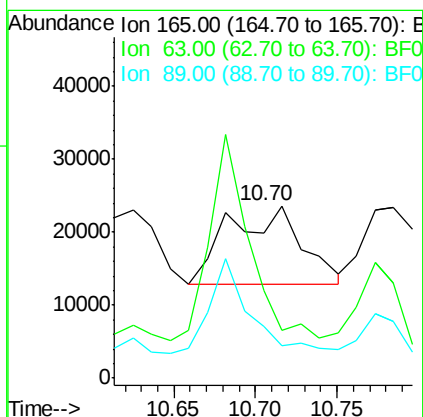
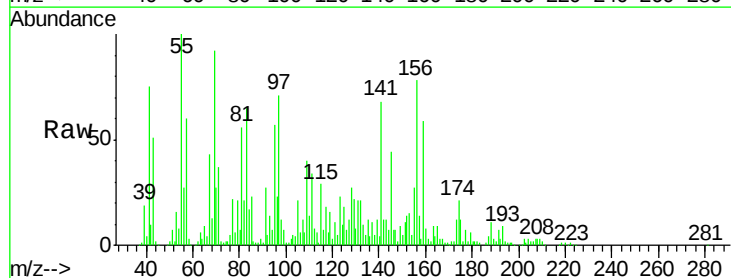
Instrument :
BNA_F
ClientSampleId :
TW-1RE

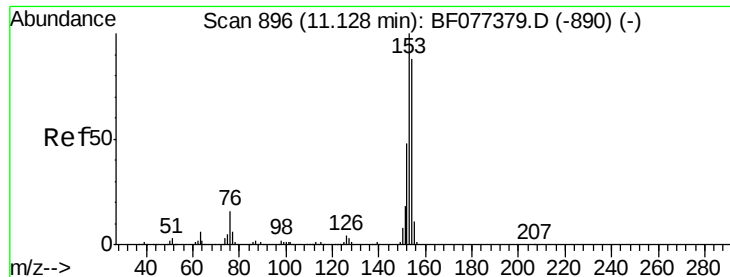
Tgt Ion:163 Resp: 36437
Ion Ratio Lower Upper
163 100
194 282.7 2.6 4.0#
164 38.7 8.6 13.0#



#50
2,6-Dinitrotoluene
Concen: 24.86 ng
RT: 10.70 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion:165 Resp: 33128
Ion Ratio Lower Upper
165 100
63 60.4 25.2 37.8#
89 36.0 30.5 45.7





#51

Acenaphthene

Concen: 13.17 ng

RT: 10.99 min Scan# 884

Delta R.T. 0.02 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

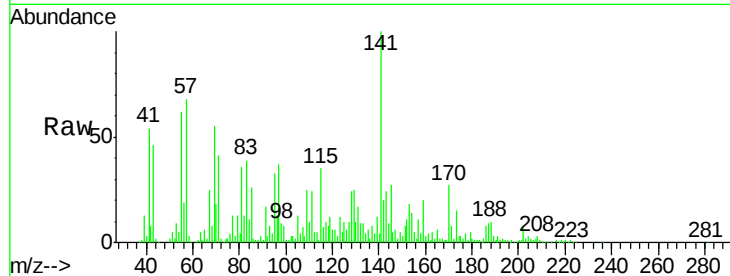
Tgt Ion:154 Resp: 69888

Ion Ratio Lower Upper

154 100

153 130.1 90.5 135.7

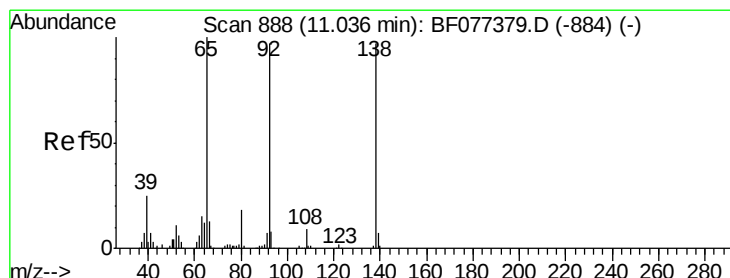
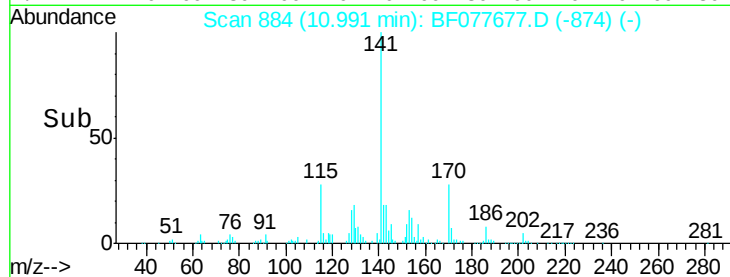
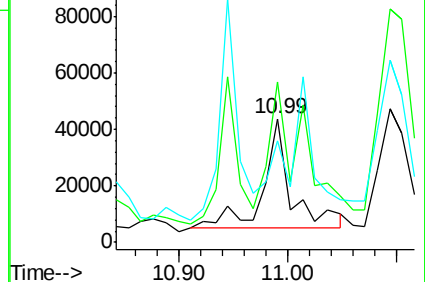
152 82.6 43.5 65.3#



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: 7.48 ng

RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

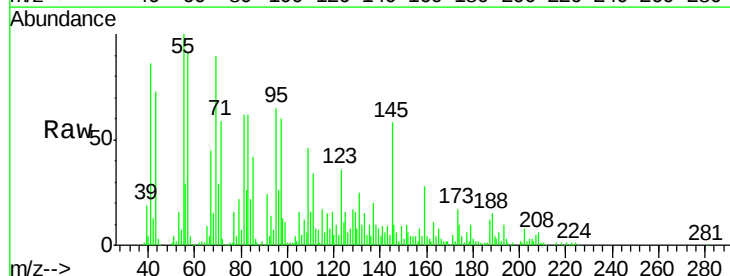
Tgt Ion:138 Resp: 11492

Ion Ratio Lower Upper

138 100

108 65.9 7.8 11.8#

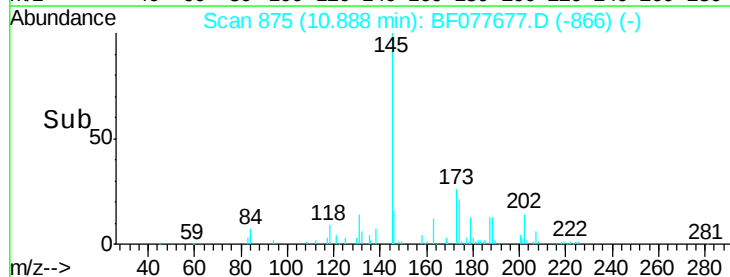
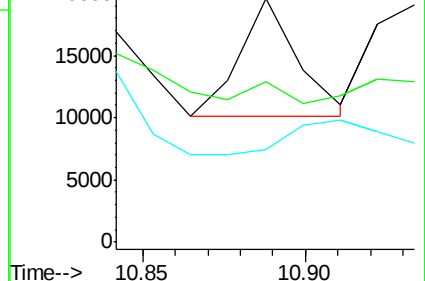
92 38.1 90.6 135.8#

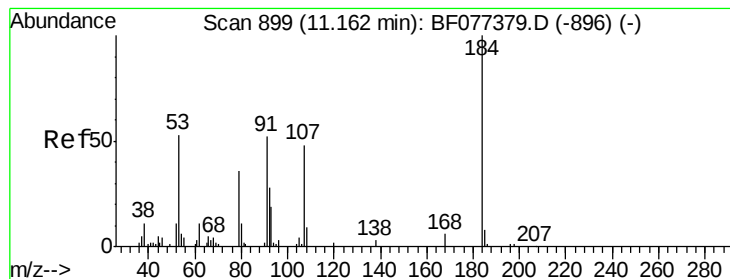


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 3.13 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.03 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

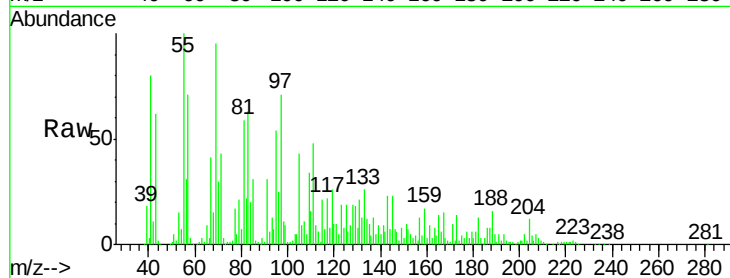
Tgt Ion:184 Resp: 1271

Ion Ratio Lower Upper

184 100

63 1051.3 29.5 44.3#

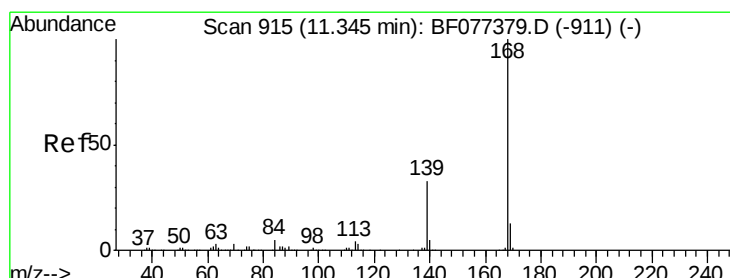
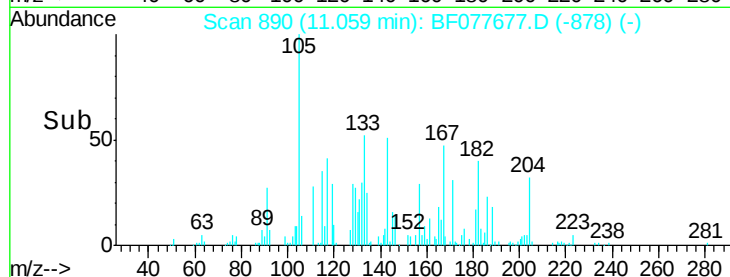
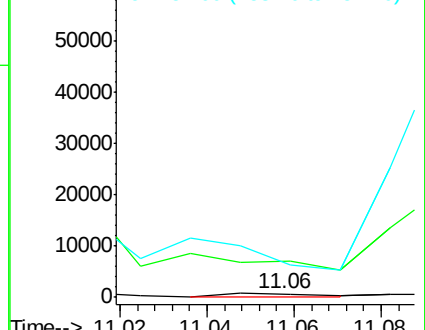
154 931.7 43.2 64.8#



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: 12.34 ng

RT: 11.21 min Scan# 903

Delta R.T. 0.02 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

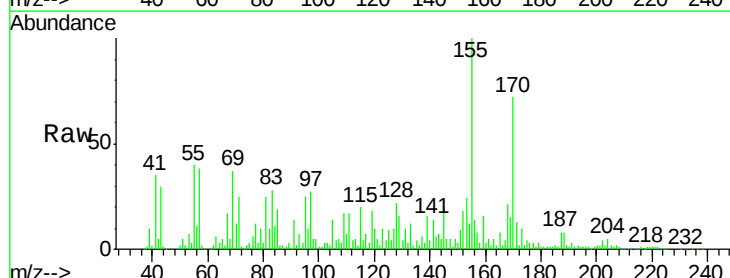
Tgt Ion:168 Resp: 101066

Ion Ratio Lower Upper

168 100

139 76.4 29.3 43.9#

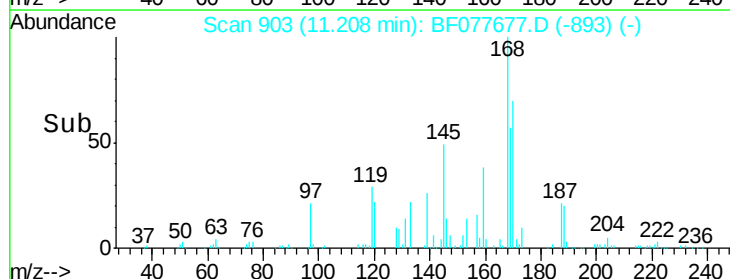
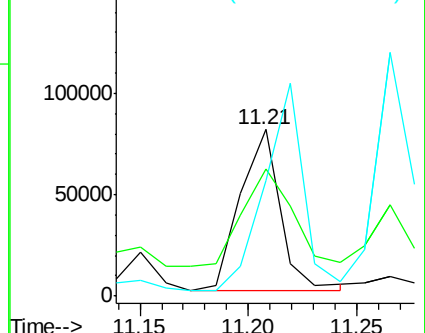
169 69.1 10.9 16.3#

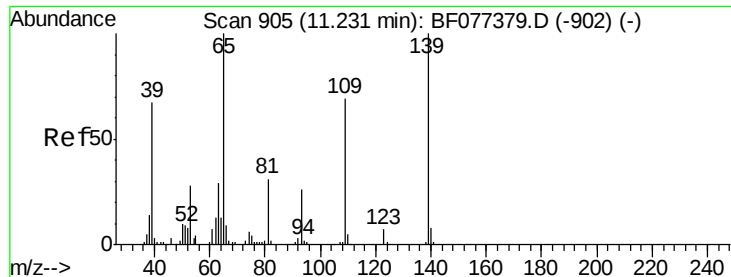


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

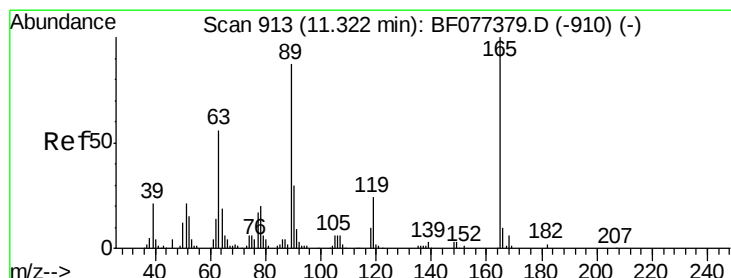
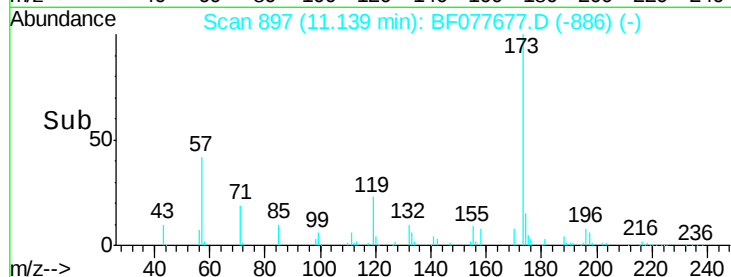
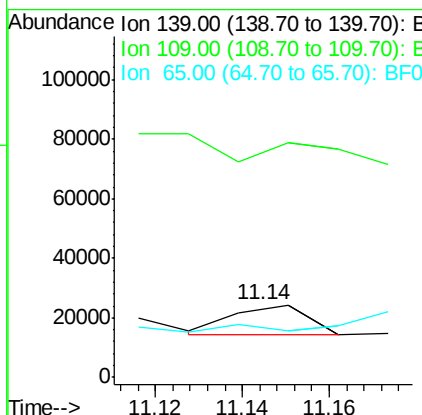
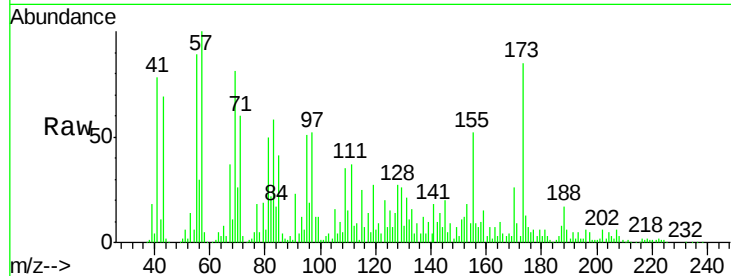




#55
4-Nitrophenol
Concen: 9.75 ng
RT: 11.14 min Scan# 897
Delta R.T. 0.04 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

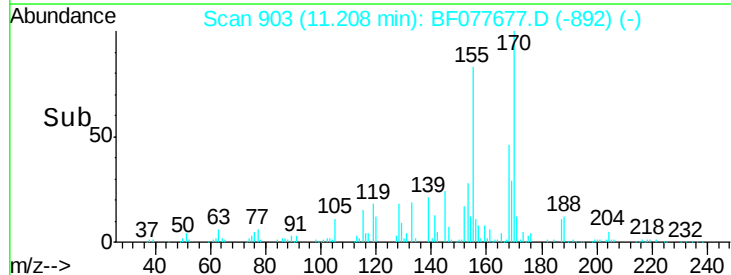
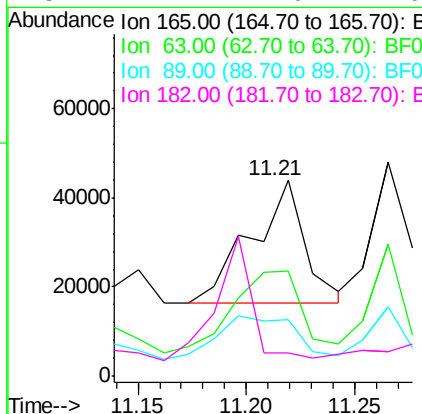
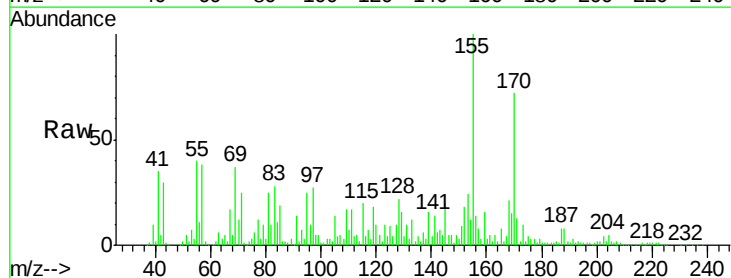
Instrument :
BNA_F
ClientSampleId :
TW-1RE

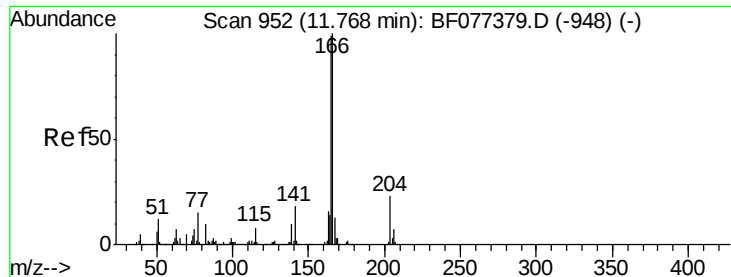
Tgt Ion:139 Resp: 12043
Ion Ratio Lower Upper
139 100
109 331.4 36.2 76.2#
65 81.1 40.3 80.3#



#56
2,4-Dinitrotoluene
Concen: 26.61 ng
RT: 11.21 min Scan# 903
Delta R.T. 0.03 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion:165 Resp: 47908
Ion Ratio Lower Upper
165 100
63 77.1 29.8 44.8#
89 41.1 48.5 72.7#
182 17.2 1.9 2.9#

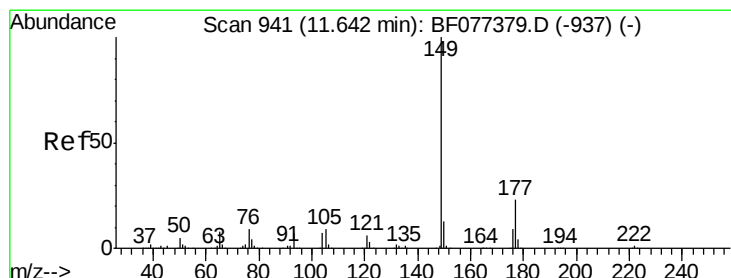
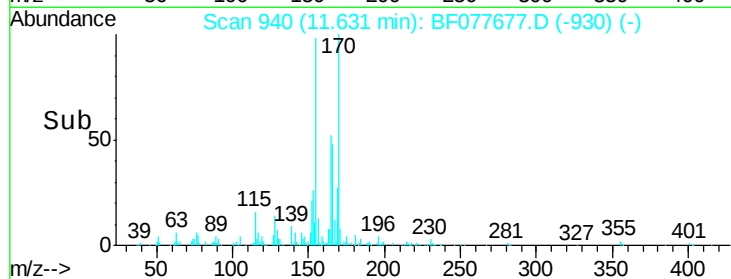
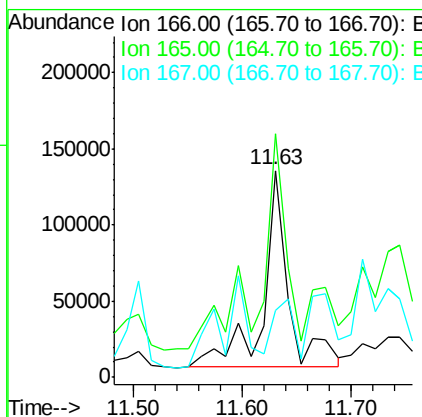
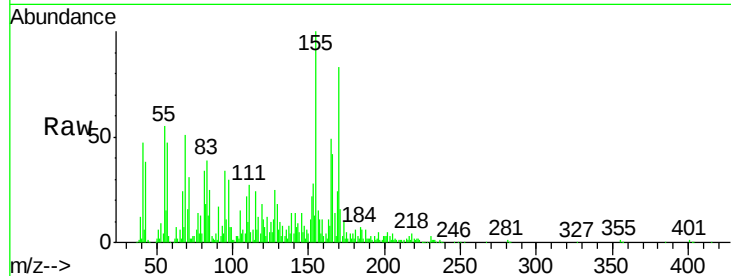




#57
Fluorene
 Concen: 32.06 ng
 RT: 11.63 min Scan# 940
 Delta R.T. 0.02 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

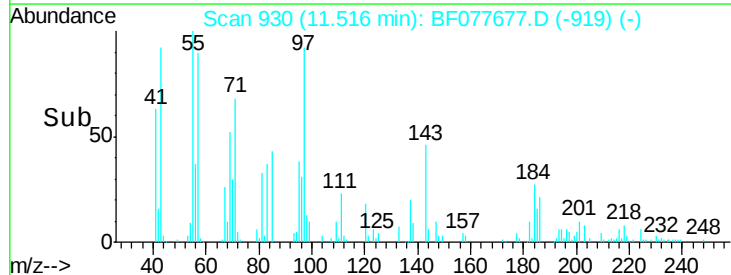
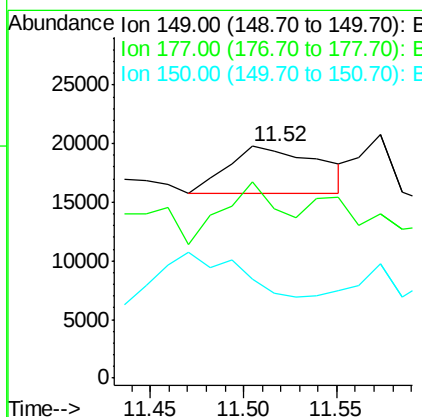
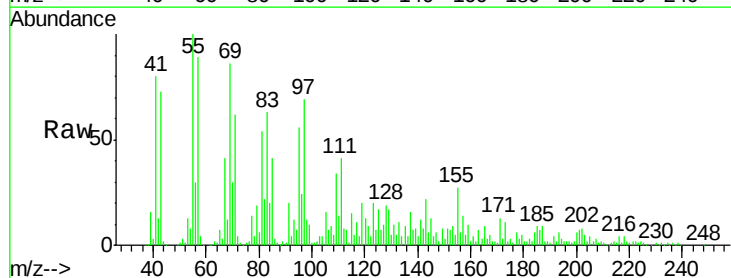
Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

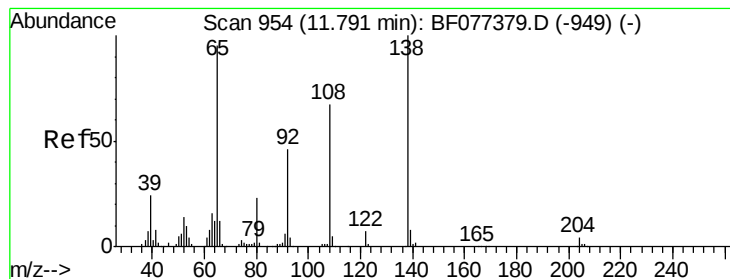
Tgt Ion:166 Resp: 209994
 Ion Ratio Lower Upper
 166 100
 165 117.8 77.6 116.4#
 167 32.6 10.6 16.0#



#59
Diethylphthalate
 Concen: 2.07 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.02 min
 Lab File: BF077677.D
 Acq: 10 Mar 2015 22:54

Tgt Ion:149 Resp: 13558
 Ion Ratio Lower Upper
 149 100
 177 74.6 17.2 25.8#
 150 37.2 10.5 15.7#

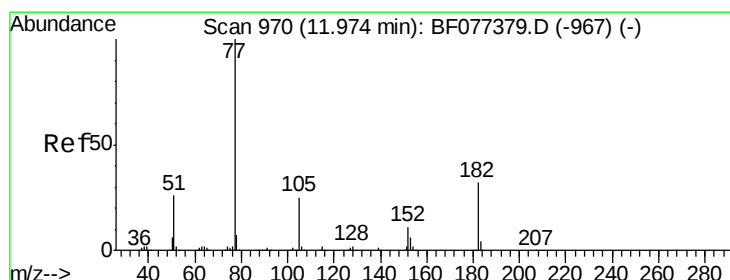
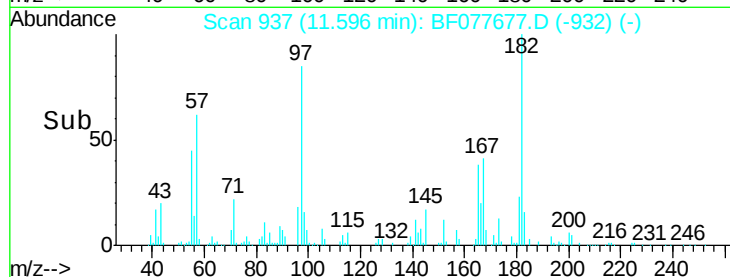
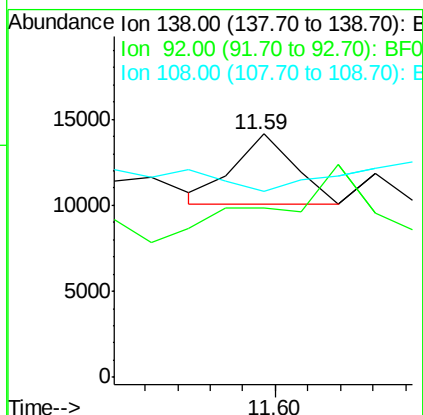
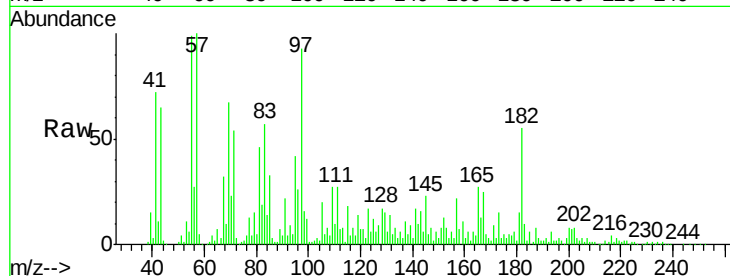




#61
4-Nitroaniline
Concen: 3.56 ng
RT: 11.59 min Scan# 937
Delta R.T. -0.05 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

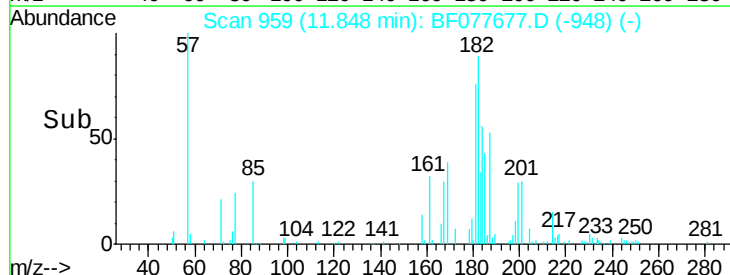
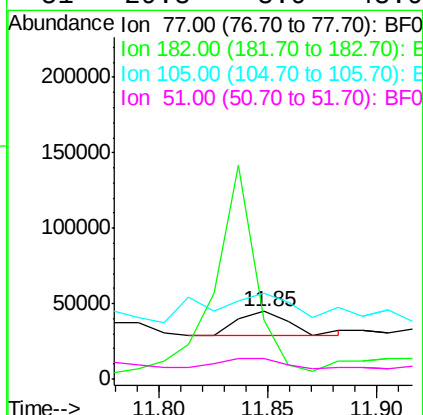
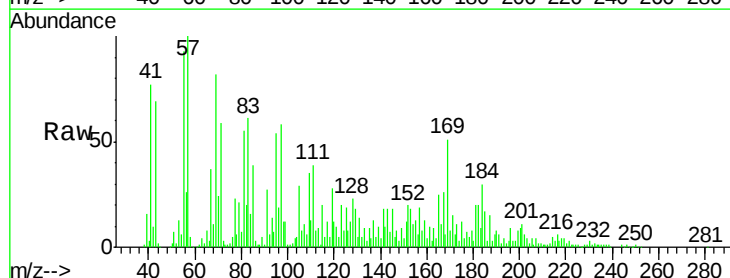
Instrument :
BNA_F
ClientSampleId :
TW-1RE

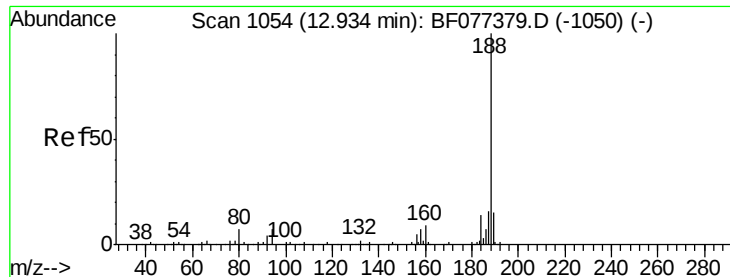
Tgt Ion: 138 Resp: 5246
Ion Ratio Lower Upper
138 100
92 69.7 32.8 72.8
108 76.4 52.1 92.1



#62
Azobenzene
Concen: 4.37 ng
RT: 11.85 min Scan# 959
Delta R.T. 0.03 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion: 77 Resp: 27169
Ion Ratio Lower Upper
77 100
182 87.1 4.9 44.9#
105 127.6 3.3 43.3#
51 29.8 8.9 48.9

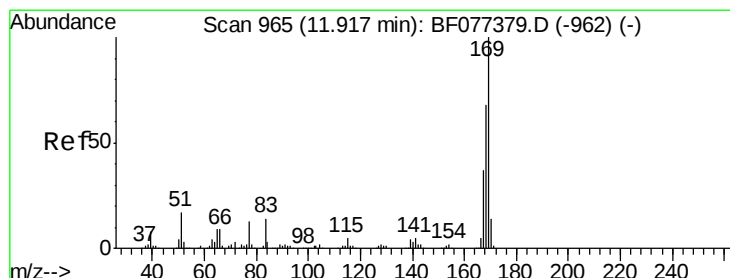
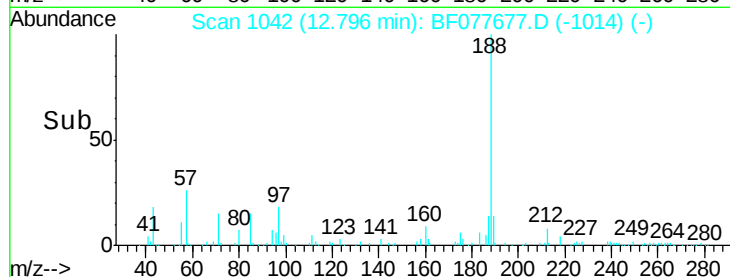
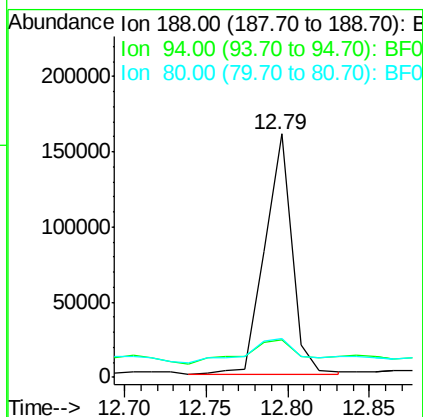
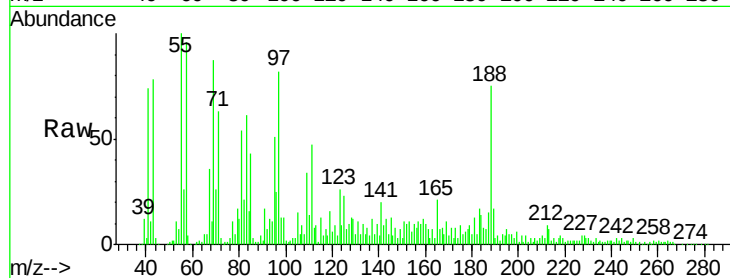




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

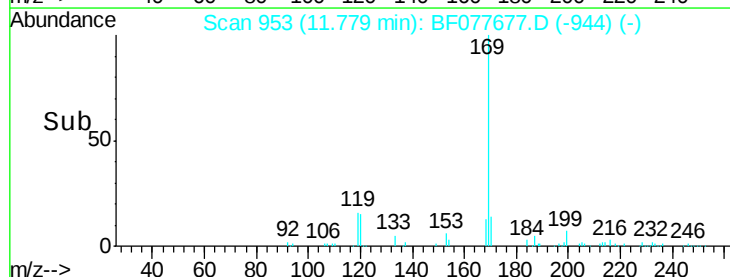
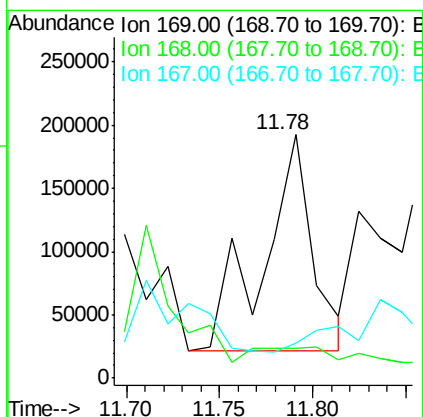
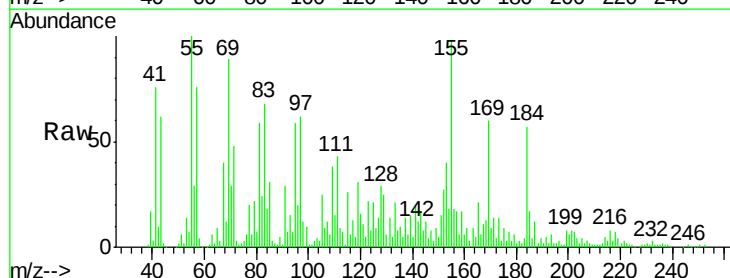
Instrument :
BNA_F
ClientSampleId :
TW-1RE

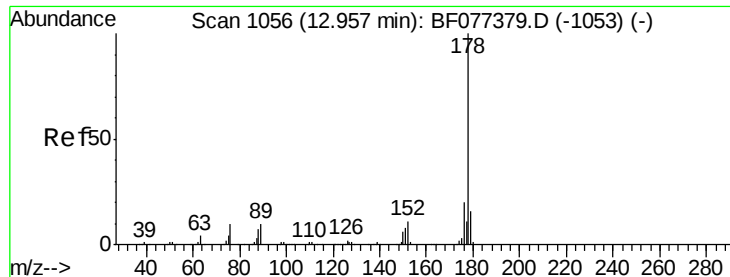
Tgt Ion:188 Resp: 184874
Ion Ratio Lower Upper
188 100
94 15.3 7.4 11.2#
80 16.2 8.0 12.0#



#65
n-Nitrosodiphenylamine
Concen: 51.28 ng
RT: 11.78 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion:169 Resp: 314545
Ion Ratio Lower Upper
169 100
168 21.5 53.0 79.6#
167 18.3 29.5 44.3#

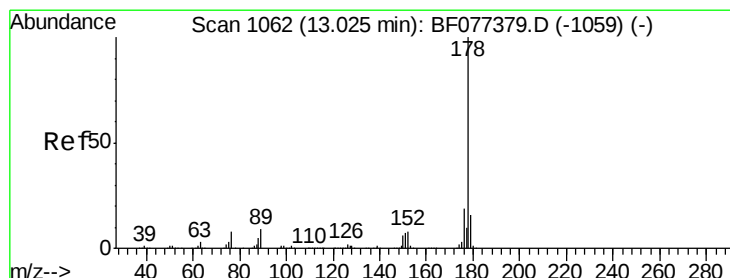
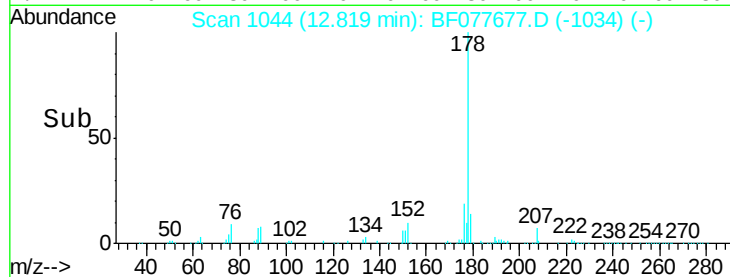
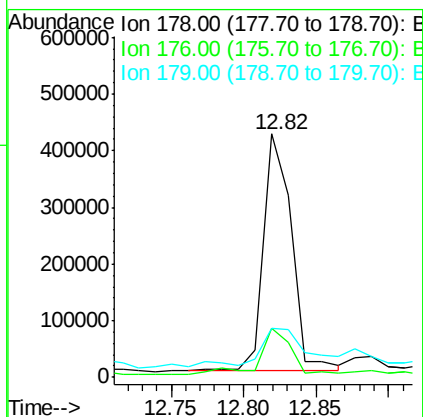
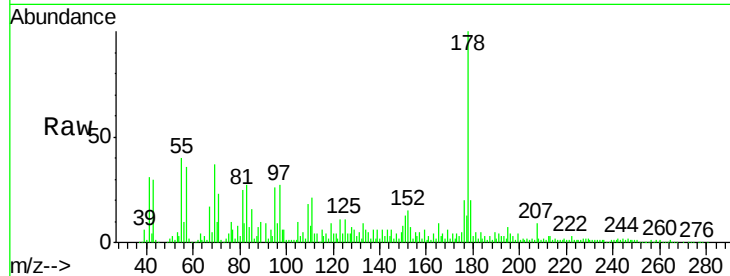




#70
Phenanthrene
Concen: 52.35 ng
RT: 12.82 min Scan# 1044
Delta R.T. 0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

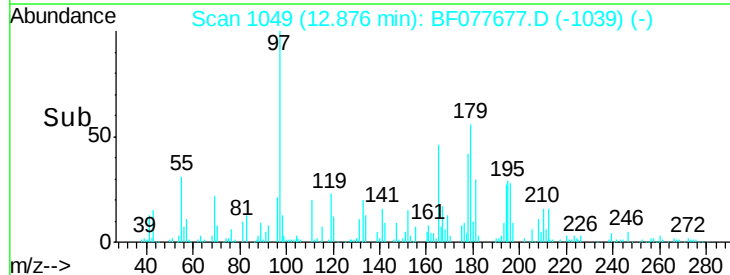
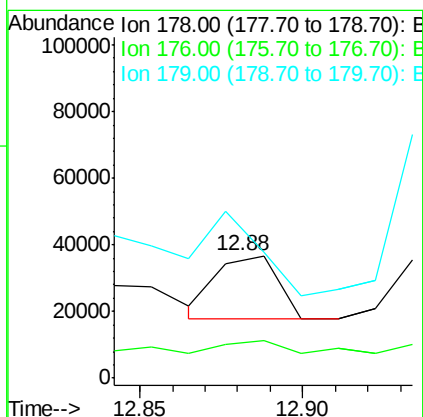
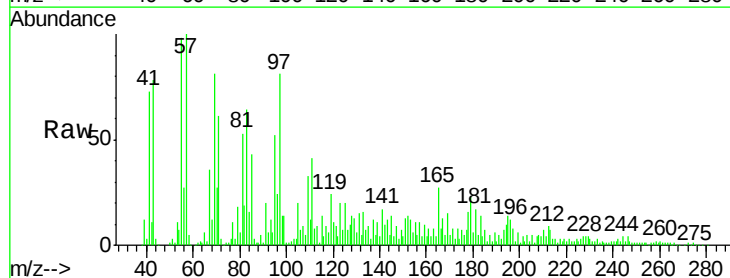
Instrument :
BNA_F
ClientSampleId :
TW-1RE

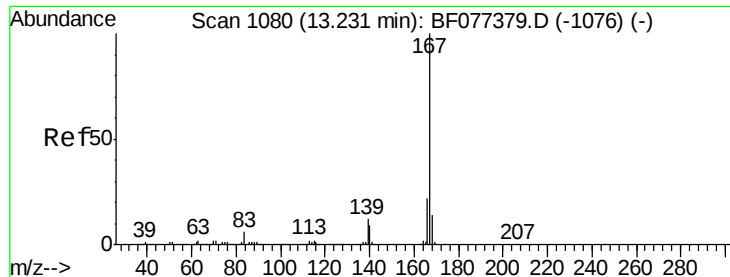
Tgt Ion:178 Resp: 560957
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 19.9 12.2 18.2#



#71
Anthracene
Concen: 2.31 ng
RT: 12.88 min Scan# 1049
Delta R.T. 0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion:178 Resp: 24550
Ion Ratio Lower Upper
178 100
176 29.9 15.4 23.0#
179 146.2 12.9 19.3#





#72

Carbazole

Concen: 2.23 ng

RT: 13.08 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

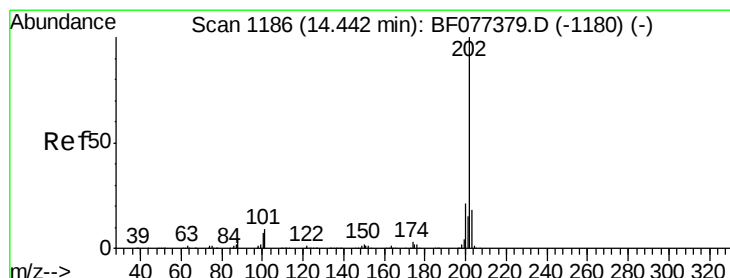
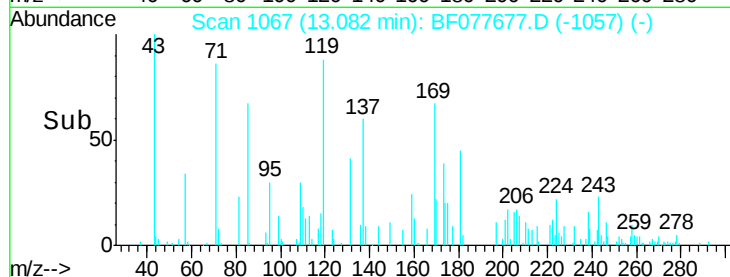
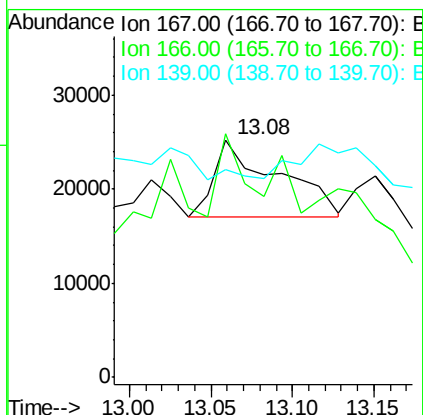
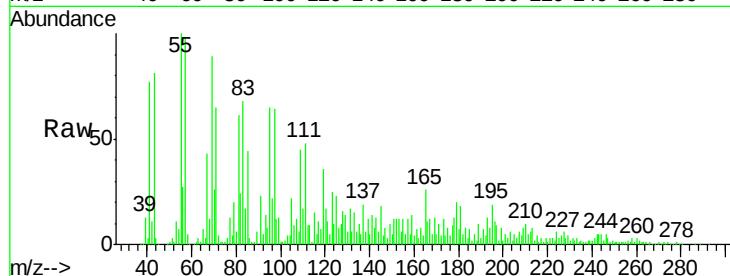
Tgt Ion:167 Resp: 22590

Ion Ratio Lower Upper

167 100

166 89.6 17.6 26.4#

139 98.6 9.9 14.9#



#74

Fluoranthene

Concen: 3.01 ng

RT: 14.30 min Scan# 1174

Delta R.T. 0.03 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

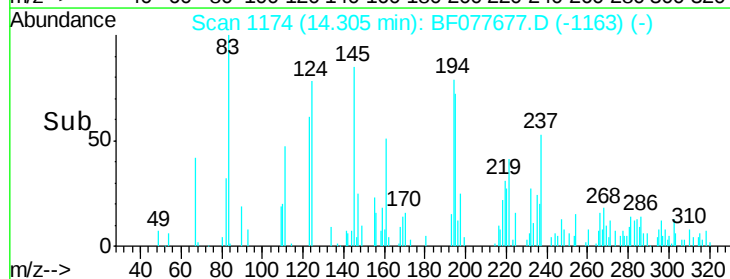
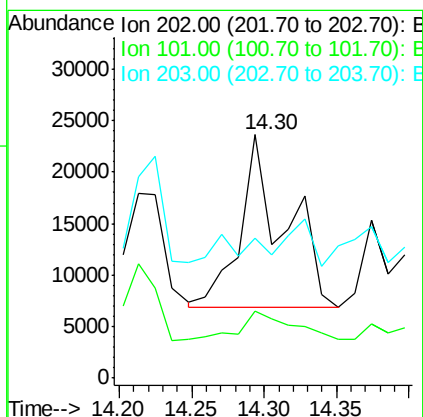
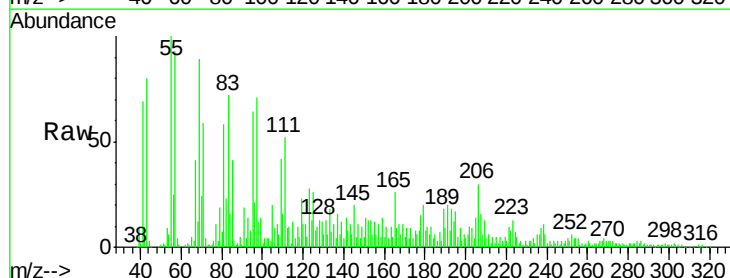
Tgt Ion:202 Resp: 35272

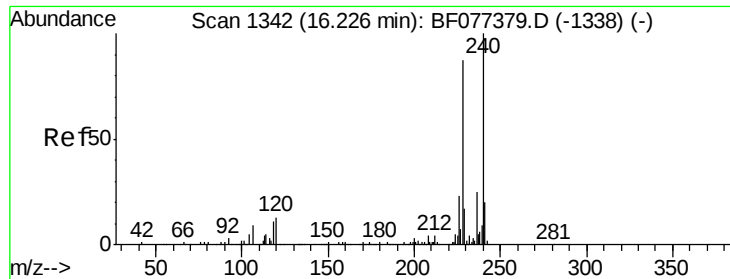
Ion Ratio Lower Upper

202 100

101 43.8 0.0 30.8#

203 92.1 0.0 37.7#

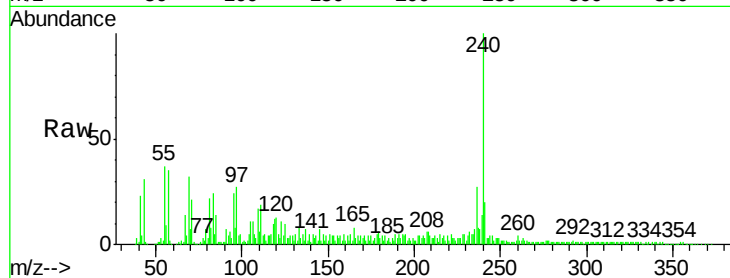




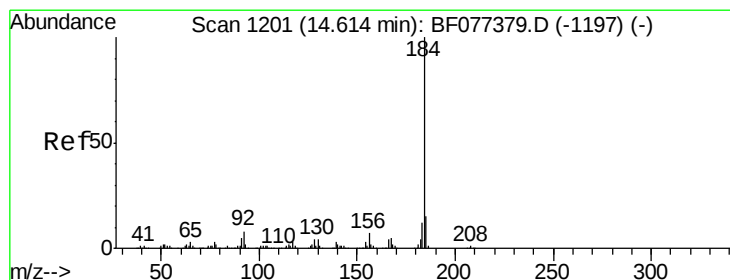
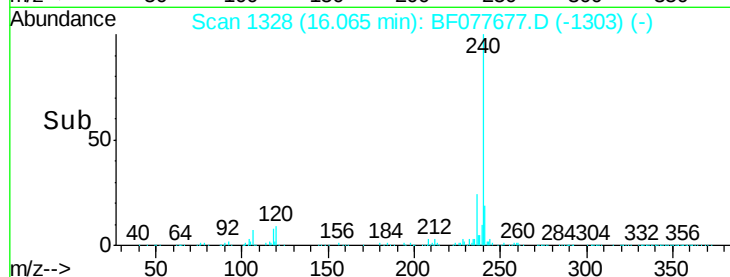
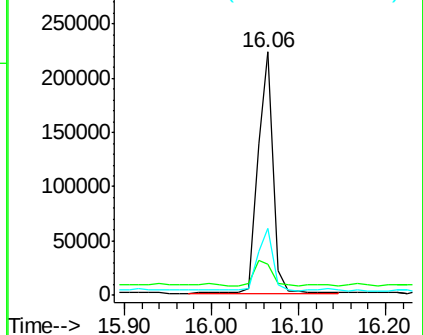
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tgt Ion:240 Resp: 271403
Ion Ratio Lower Upper
240 100
120 12.9 8.8 13.2
236 27.3 20.7 31.1

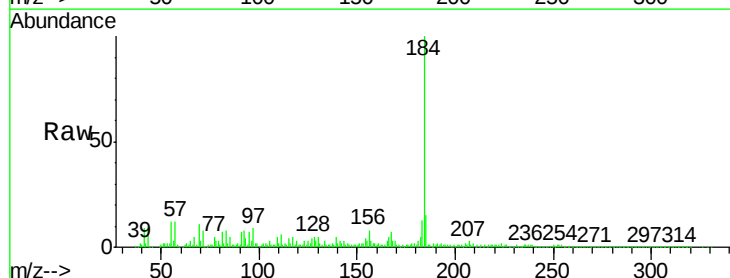


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

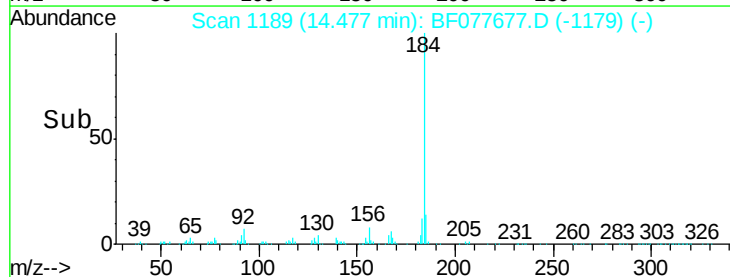
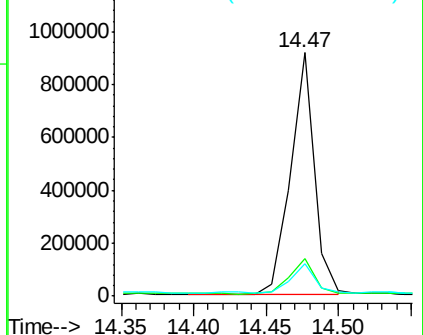


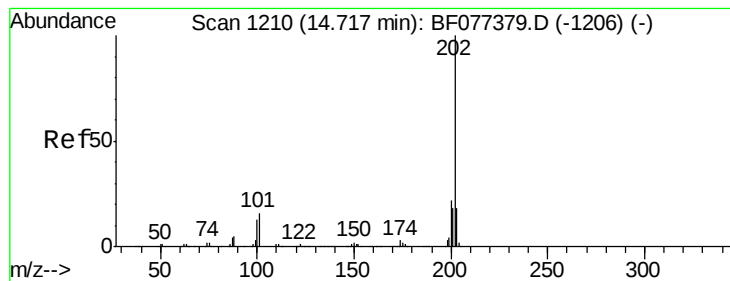
#76
Benzidine
Concen: 114.32 ng
RT: 14.47 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF077677.D
Acq: 10 Mar 2015 22:54

Tgt Ion:184 Resp: 1048239
Ion Ratio Lower Upper
184 100
185 15.4 12.6 18.8
183 13.5 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: 3.80 ng

RT: 14.56 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampled :

TW-1RE

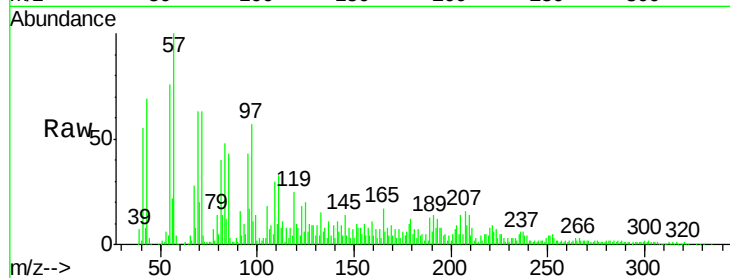
Tgt Ion:202 Resp: 63097

Ion Ratio Lower Upper

202 100

200 32.8 17.1 25.7#

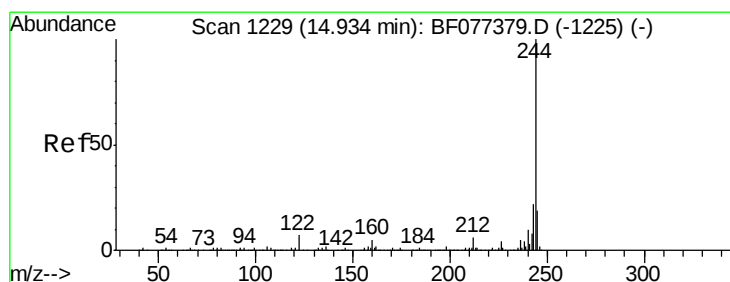
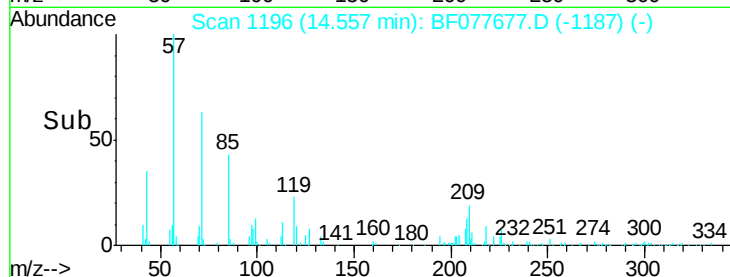
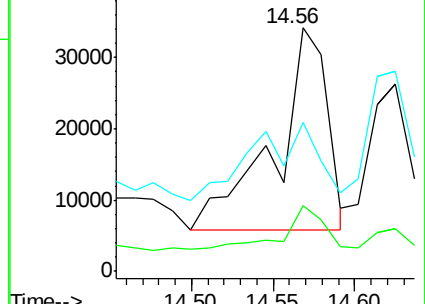
203 118.0 14.2 21.2#



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: 23.20 ng

RT: 14.78 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

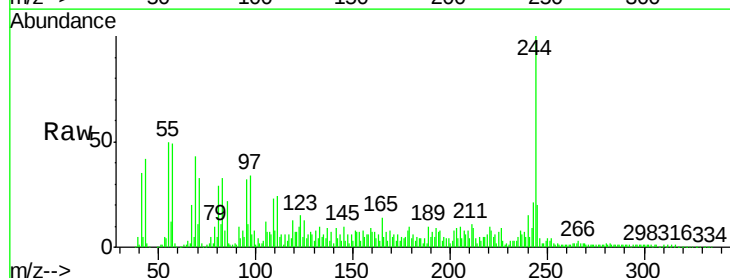
Tgt Ion:244 Resp: 269388

Ion Ratio Lower Upper

244 100

212 8.5 5.2 7.8#

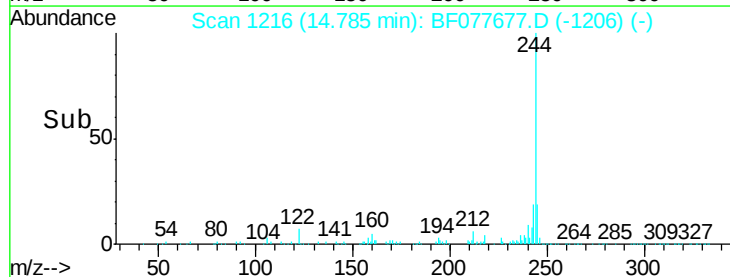
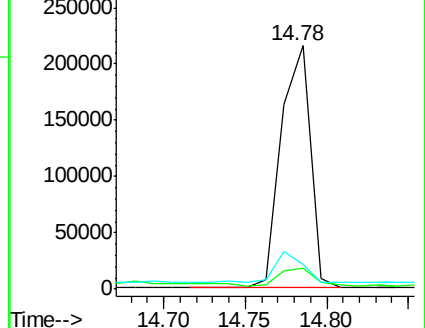
122 10.2 7.8 11.8

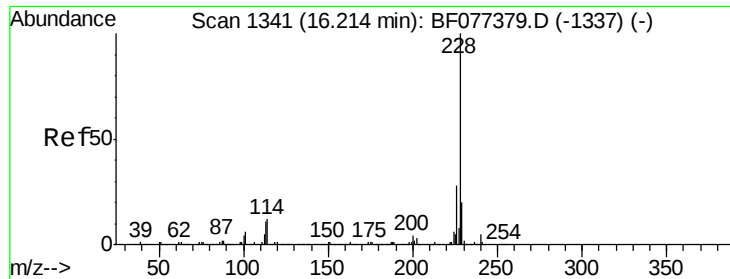


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 3.72 ng

RT: 16.07 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampled :

TW-1RE

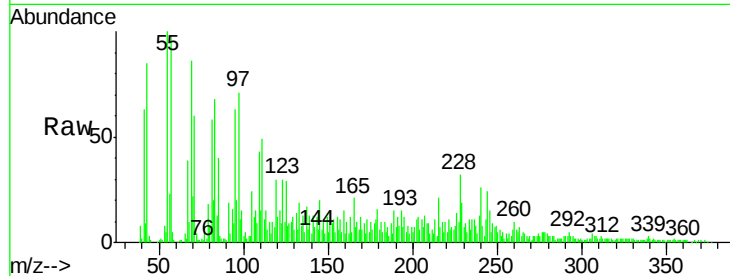
Tgt Ion:228 Resp: 59135

Ion Ratio Lower Upper

228 100

226 43.3 22.0 33.0#

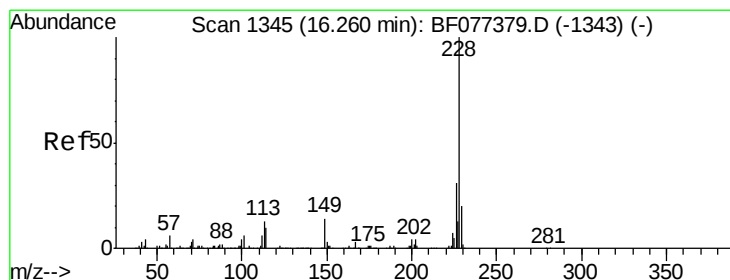
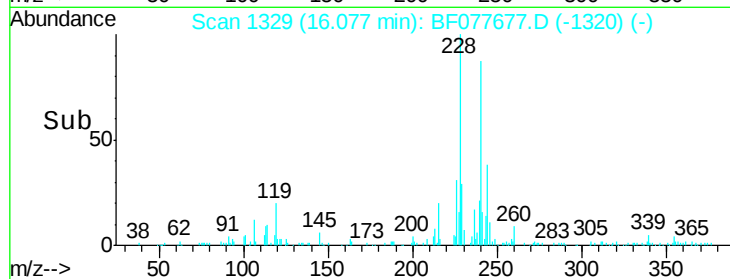
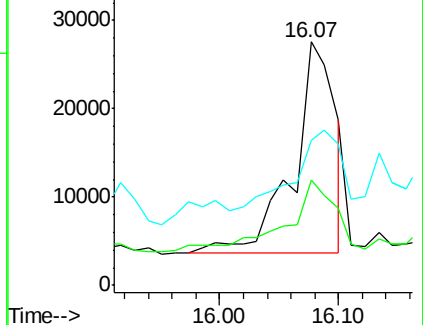
229 59.8 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 3.55 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

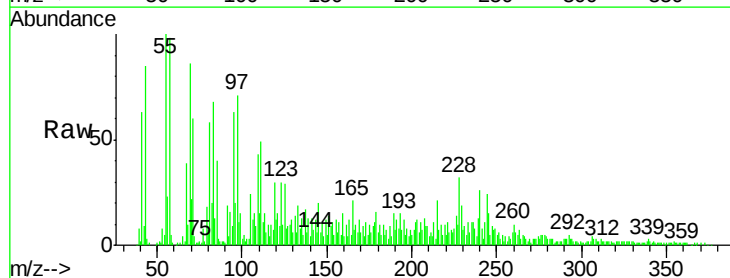
Tgt Ion:228 Resp: 53085

Ion Ratio Lower Upper

228 100

226 43.3 24.9 37.3#

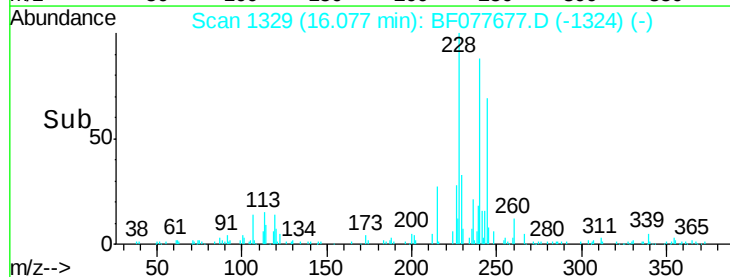
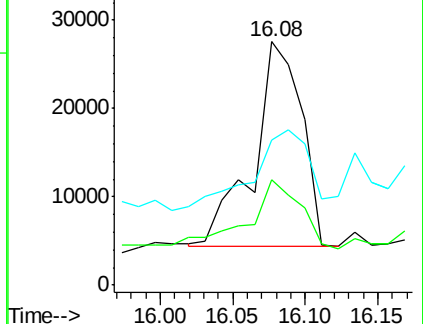
229 59.8 16.4 24.6#

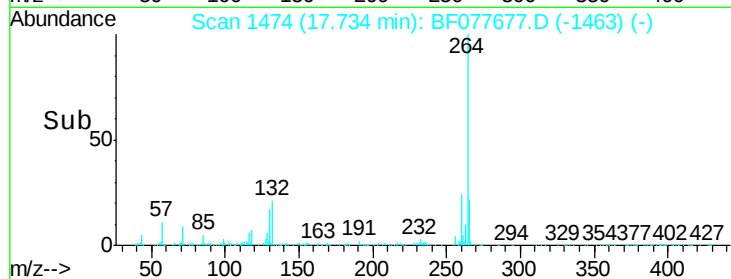
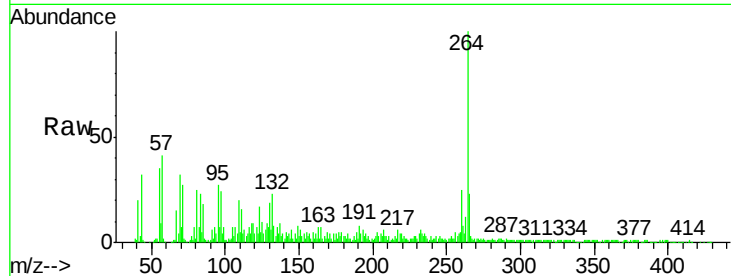
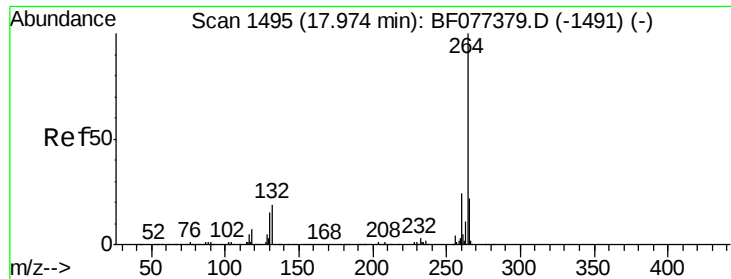


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.74 min Scan# 1474

Delta R.T. -0.17 min

Lab File: BF077677.D

Acq: 10 Mar 2015 22:54

Instrument :

BNA_F

ClientSampleId :

TW-1RE

Tgt Ion: 264 Resp: 241327

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

265 23.4 16.8 25.2

