

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077553.D
 Acq On : 3 Mar 2015 18:48
 Operator : TP/IZ
 Sample : G1401-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06-2-27-15

Quant Time: Mar 04 01:03:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

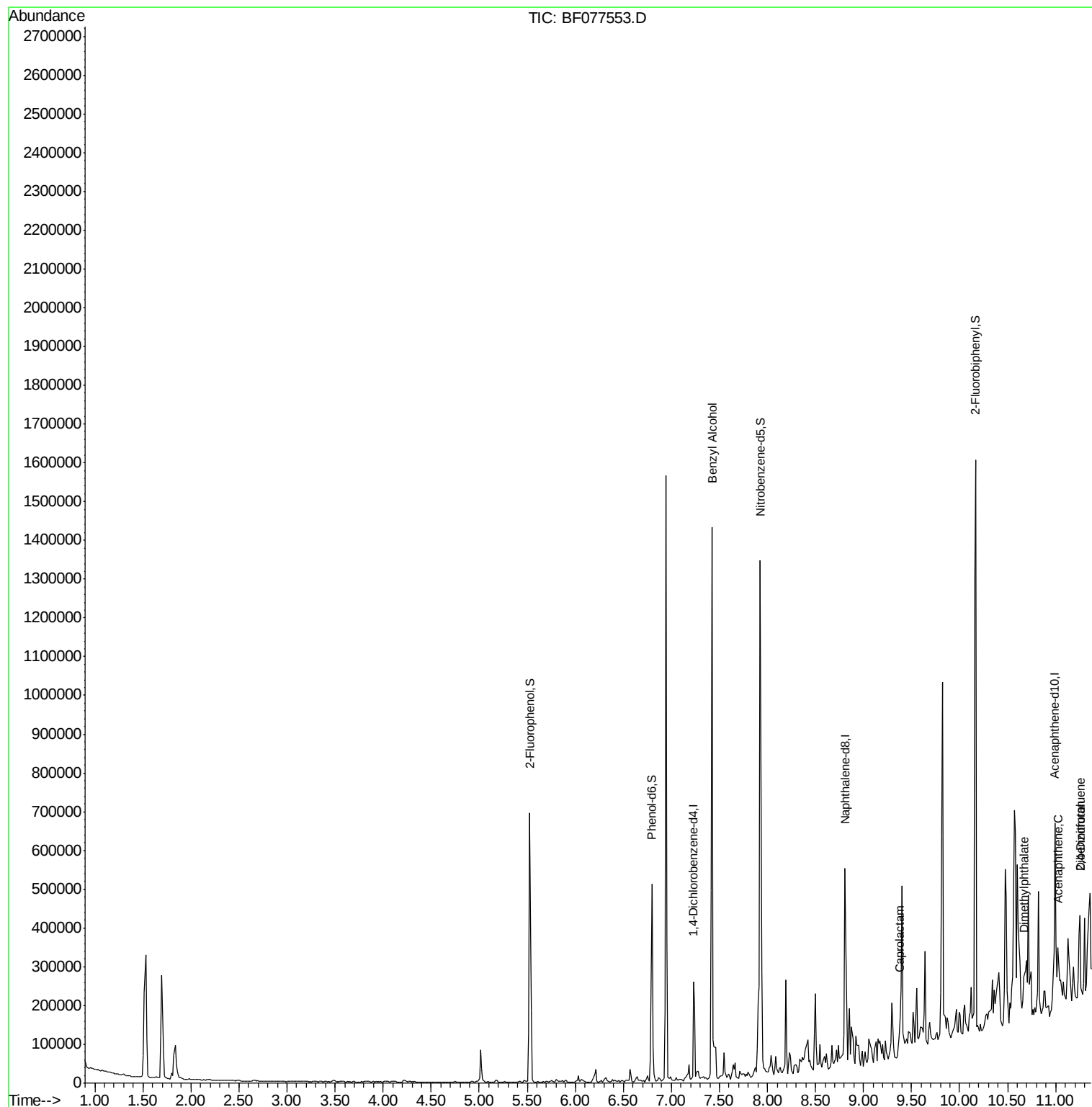
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	50449	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	197761	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	99158	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	176057	20.00	ng	0.00
75) Chrysene-d12	16.13	240	204770	20.00	ng	-0.02
86) Perylene-d12	17.92	264	211535	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	211047	69.84	ng	0.00
7) Phenol-d6	6.80	99	162920	41.93	ng	0.00
23) Nitrobenzene-d5	7.93	82	387808	121.94	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	149072	156.13	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	669210	105.23	ng	0.00
78) Terphenyl-d14	14.83	244	669361	76.42	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.42	79	7258	2.46	ng	# 50
35) Caprolactam	9.37	113	3121	3.55	ng	# 1
49) Dimethylphthalate	10.67	163	31868	4.57	ng	# 99
51) Acenaphthene	11.03	154	29630	5.32	ng	# 96
54) Dibenzofuran	11.25	168	27837	3.24	ng	# 79
56) 2,4-Dinitrotoluene	11.25	165	4003	2.12	ng	# 59
57) Fluorene	11.67	166	30809	4.48	ng	# 93
62) Azobenzene	11.89	77	28942	4.44	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.78	198	1078	5.13	ng	# 1
65) n-Nitrosodiphenylamine	11.82	169	16653	2.85	ng	# 20
70) Phenanthrene	12.86	178	44859	4.40	ng	# 94

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

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Sample : G1401-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

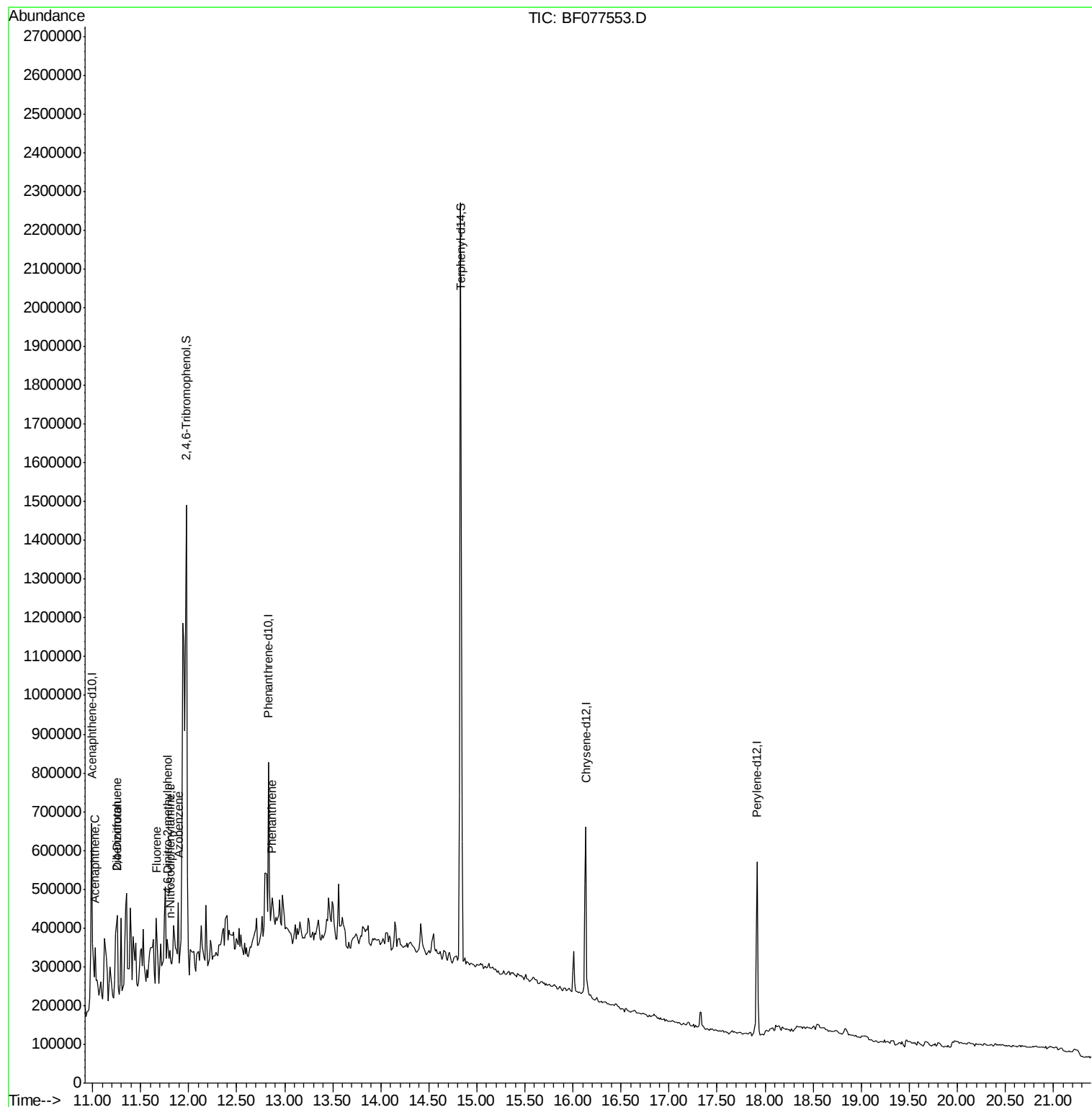
Quant Time: Mar 04 01:03:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 23:57:38 2015
Response via : Initial Calibration

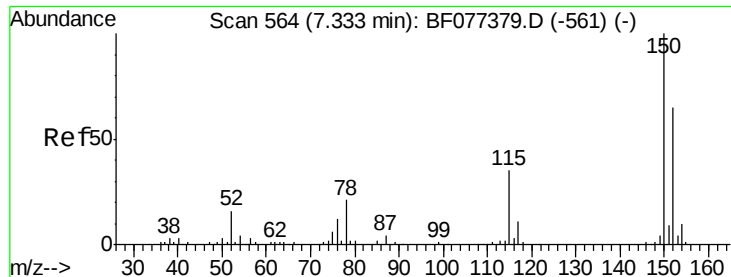


Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077553.D
Acq On : 3 Mar 2015 18:48
Operator : TP/IZ
Sample : G1401-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

Quant Time: Mar 04 01:03:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 23:57:38 2015
Response via : Initial Calibration

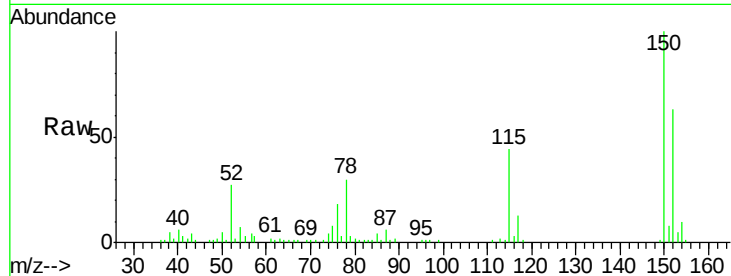




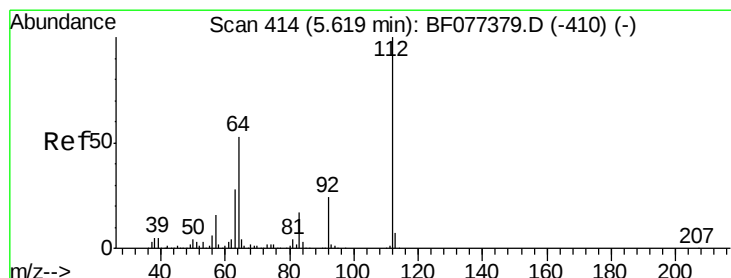
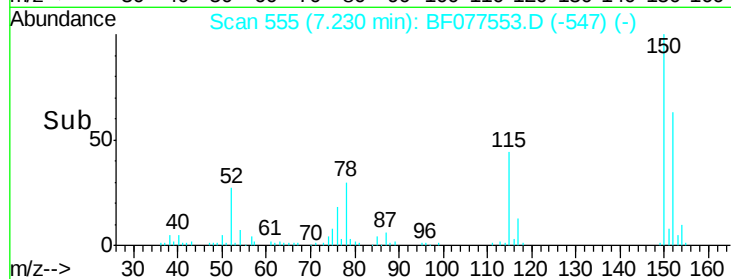
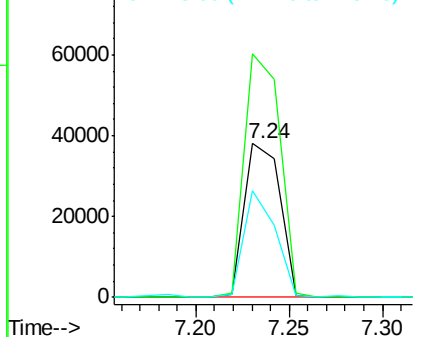
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.24 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-06-2-27-15

Tgt Ion:152 Resp: 50449
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.0 186.0
 115 69.3 49.4 74.2

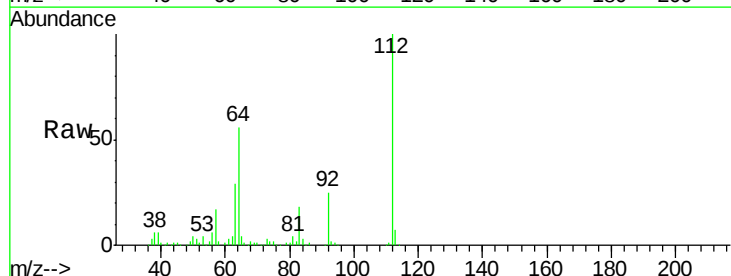


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

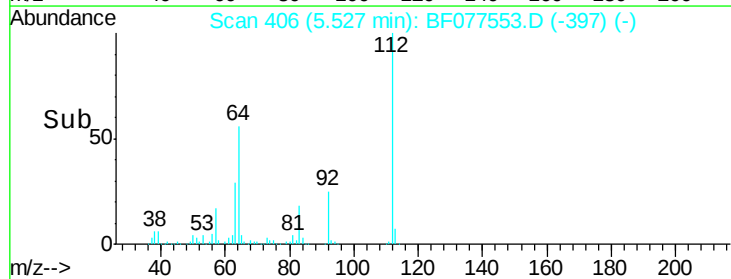
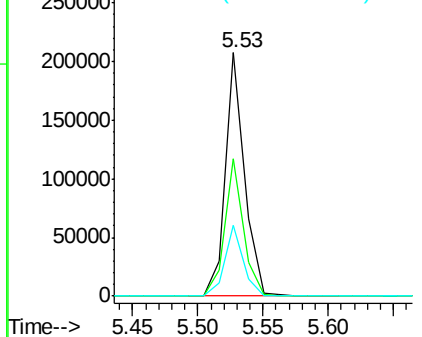


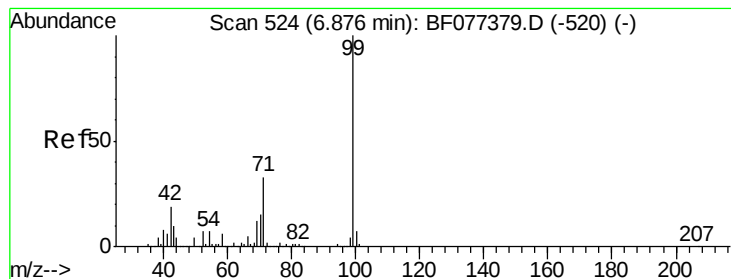
#5
 2-Fluorophenol
 Concen: 69.84 ng
 RT: 5.53 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

Tgt Ion:112 Resp: 211047
 Ion Ratio Lower Upper
 112 100
 64 56.5 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





#7

Phenol-d6

Concen: 41.93 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

Instrument :

BNA_F

ClientSampleId :

MW-06-2-27-15

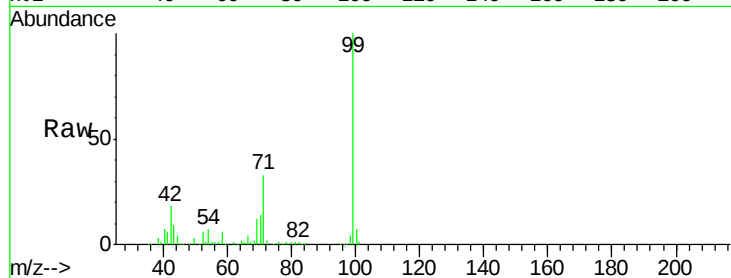
Tgt Ion: 99 Resp: 162920

Ion Ratio Lower Upper

99 100

42 17.6 16.2 24.4

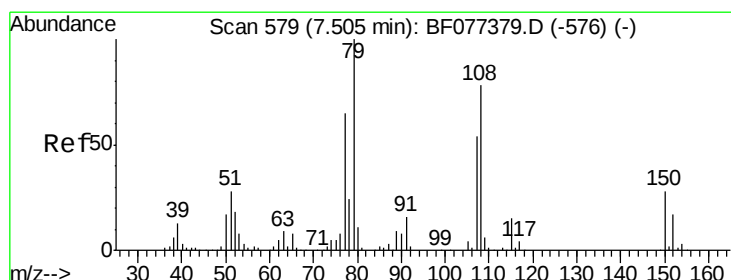
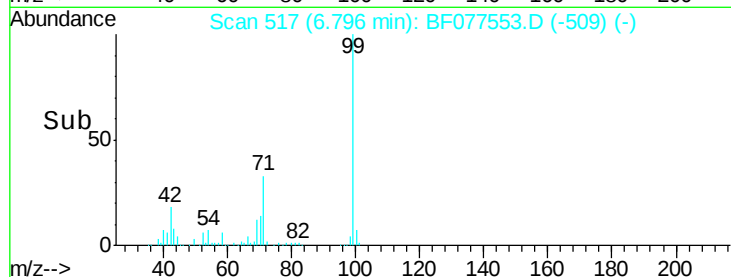
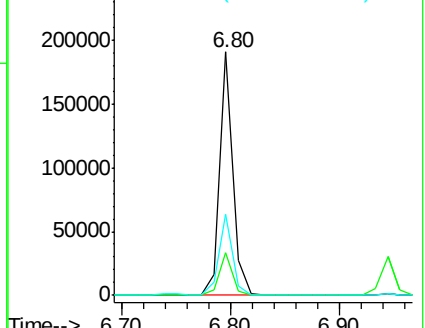
71 33.3 26.7 40.1



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



#15

Benzyl Alcohol

Concen: 2.46 ng

RT: 7.42 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

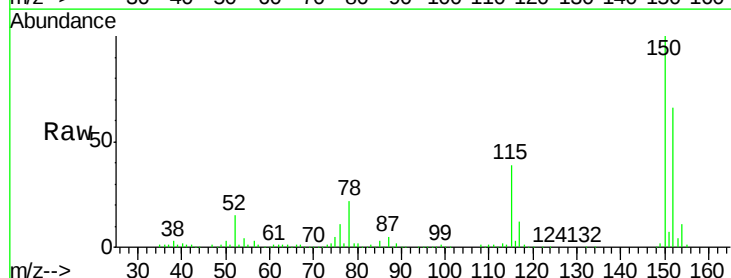
Tgt Ion: 79 Resp: 7258

Ion Ratio Lower Upper

79 100

108 37.3 58.3 87.5#

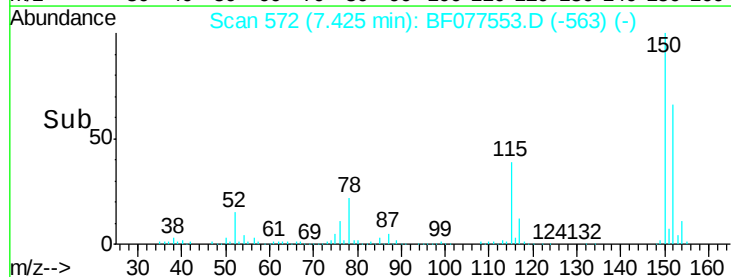
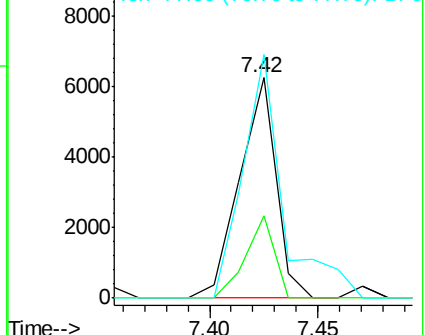
77 110.6 51.3 76.9#

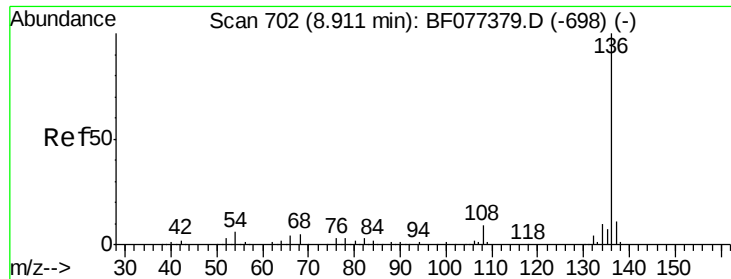


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

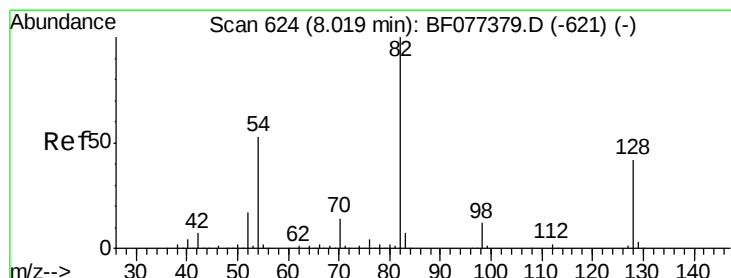
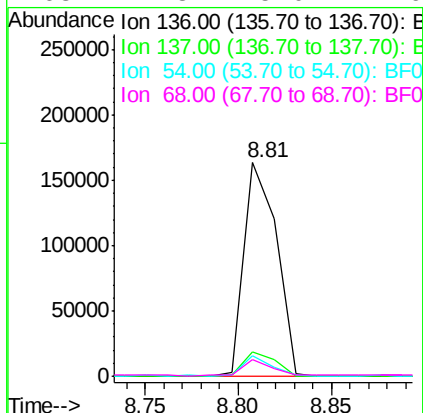
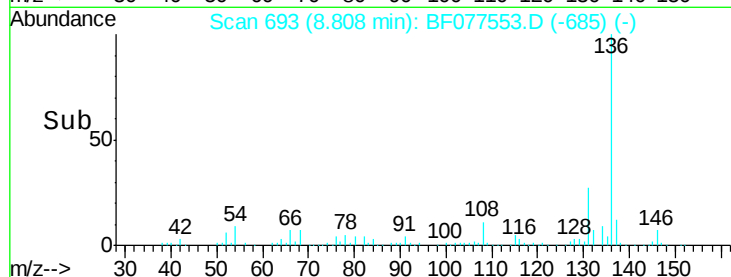
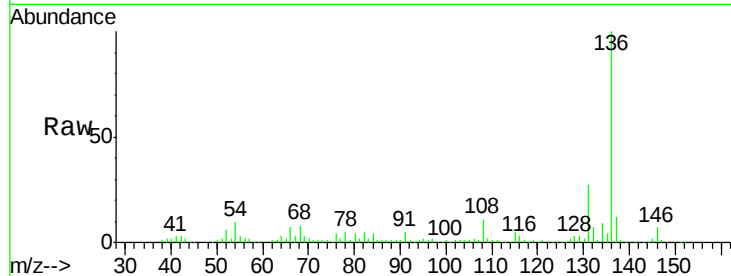




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

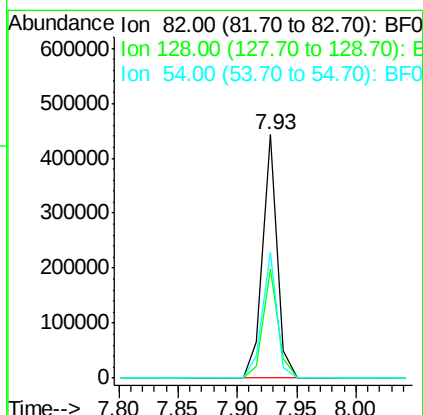
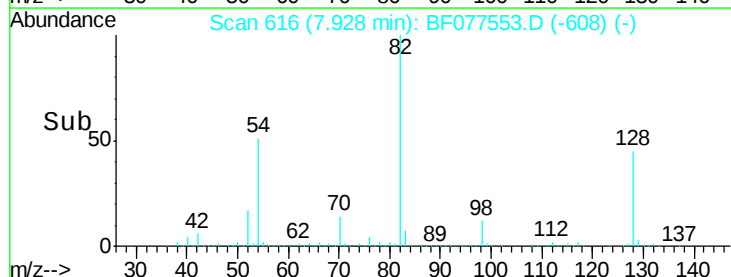
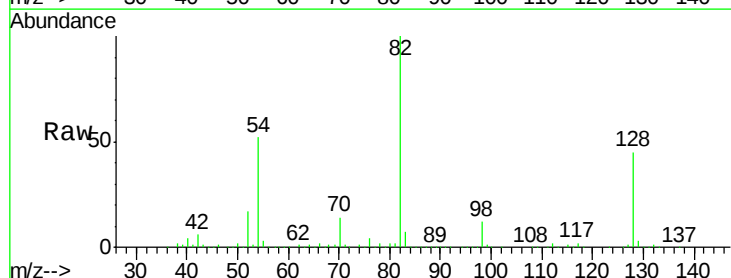
Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

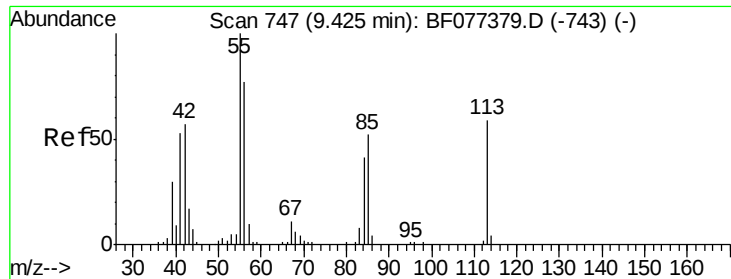
Tgt Ion:	136	Resp:	197761
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	9.7	6.2	9.4#
68	7.8	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 121.94 ng
RT: 7.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

Tgt Ion:	82	Resp:	387808
Ion	Ratio	Lower	Upper
82	100		
128	44.7	43.8	65.8
54	51.6	36.7	55.1

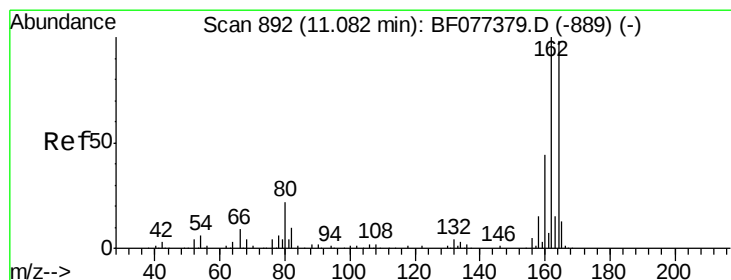
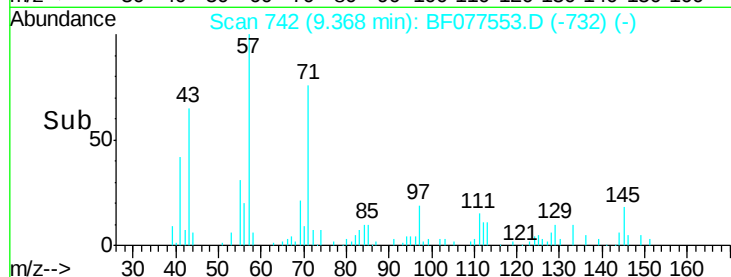
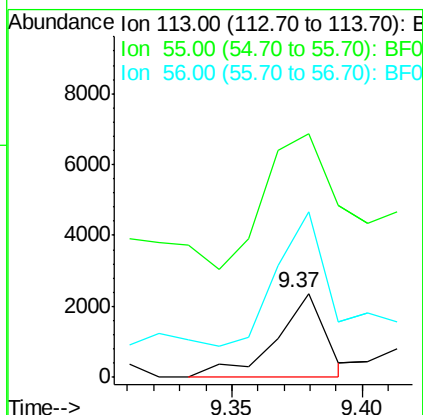
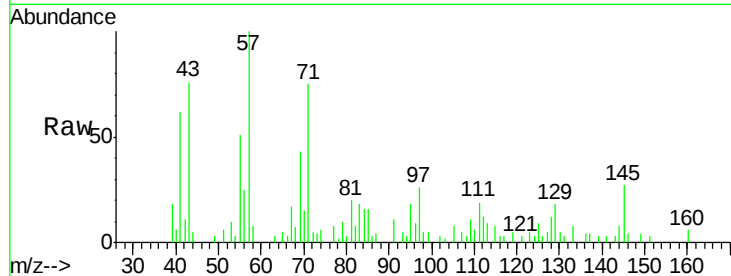




#35
 Caprolactam
 Concen: 3.55 ng
 RT: 9.37 min Scan# 742
 Delta R.T. 0.03 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

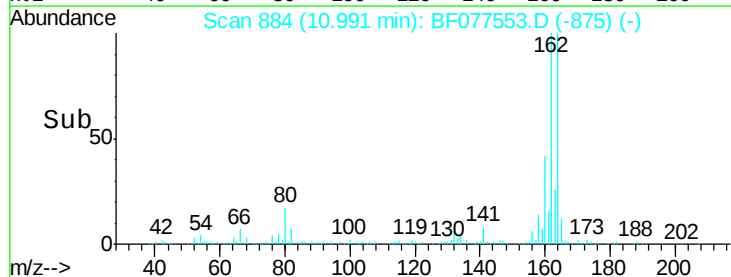
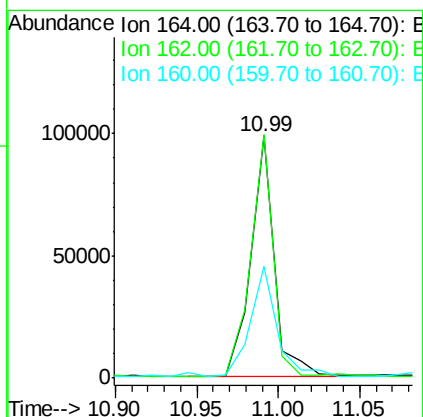
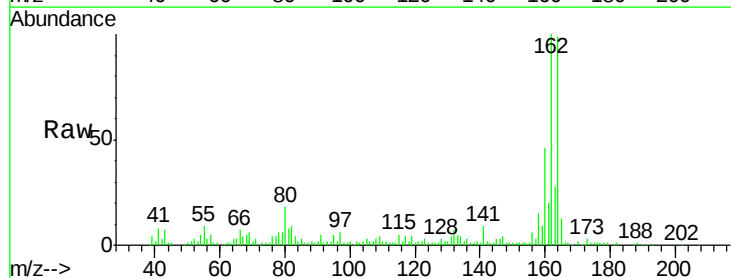
Instrument :
 BNA_F
 ClientSampleId :
 MW-06-2-27-15

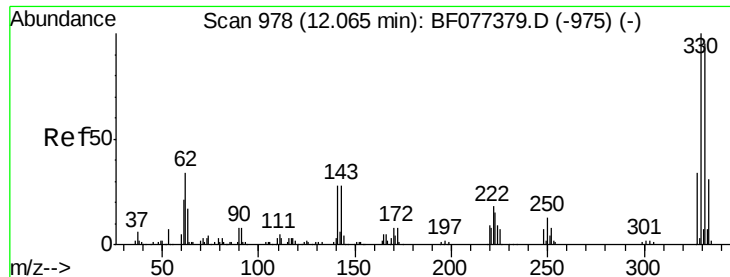
Tgt Ion:113 Resp: 3121
 Ion Ratio Lower Upper
 113 100
 55 578.9 154.6 194.6#
 56 283.8 114.0 154.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

Tgt Ion:164 Resp: 99158
 Ion Ratio Lower Upper
 164 100
 162 100.6 83.2 124.8
 160 46.2 34.6 52.0

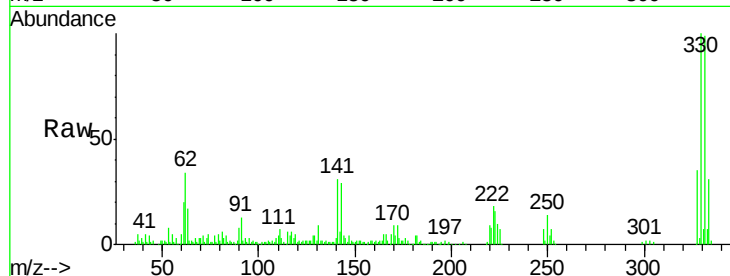




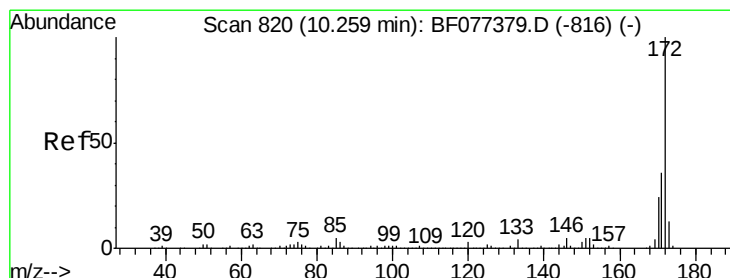
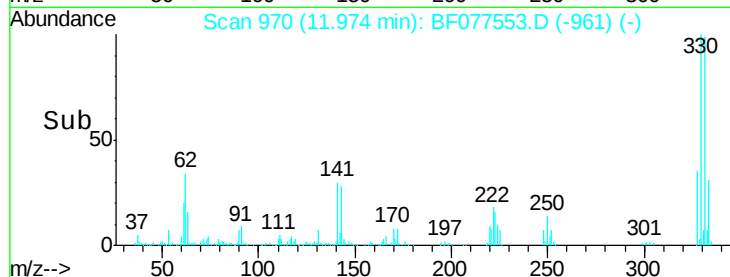
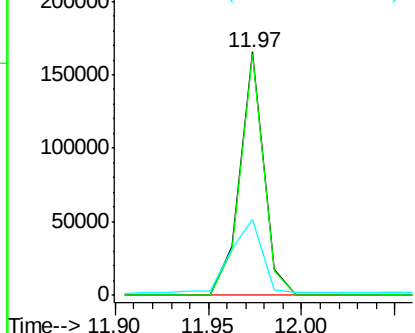
#41
 2,4,6-Tribromophenol
 Concen: 156.13 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-06-2-27-15

Tgt Ion:330 Resp: 149072
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 39.7 28.8 43.2

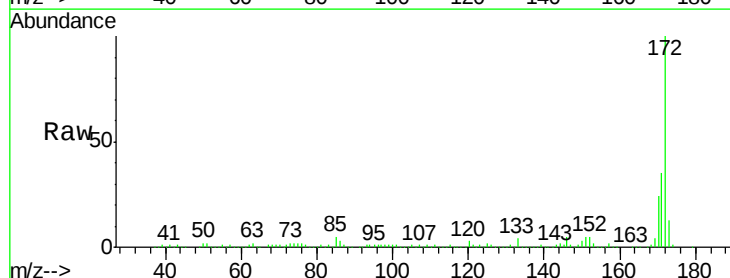


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

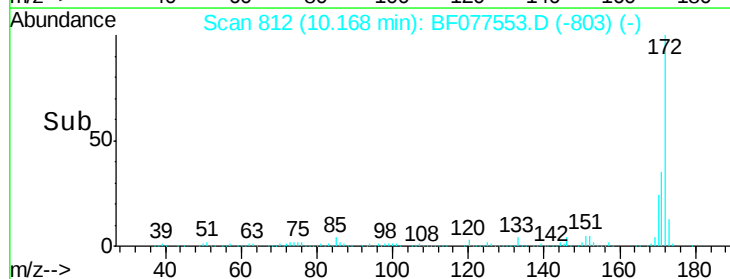
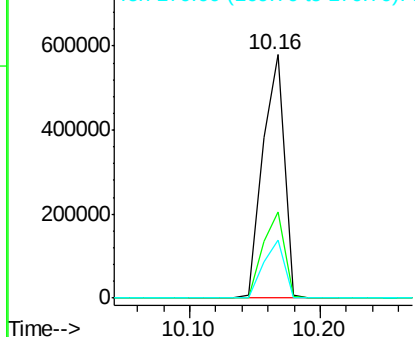


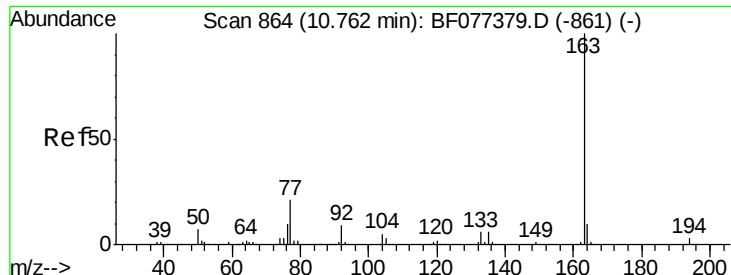
#44
 2-Fluorobiphenyl
 Concen: 105.23 ng
 RT: 10.16 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

Tgt Ion:172 Resp: 669210
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.6 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





#49

Dimethylphthalate

Concen: 4.57 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

Instrument :

BNA_F

ClientSampleId :

MW-06-2-27-15

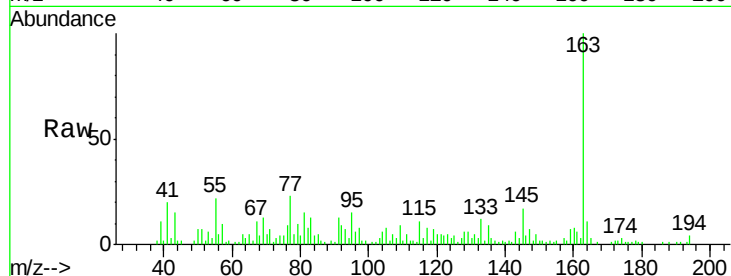
Tgt Ion:163 Resp: 31868

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

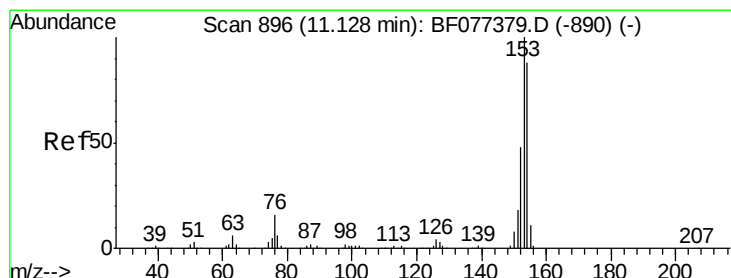
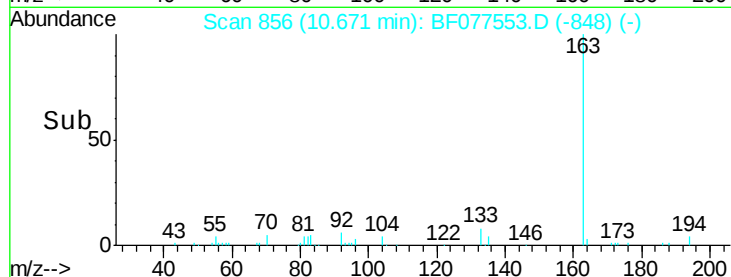
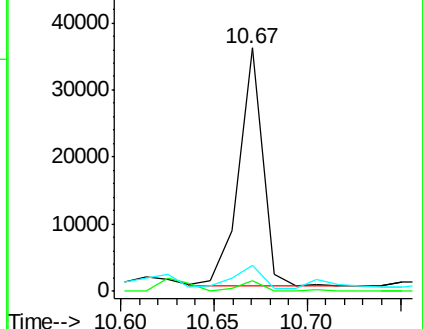
164 10.6 8.6 13.0



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



#51

Acenaphthene

Concen: 5.32 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

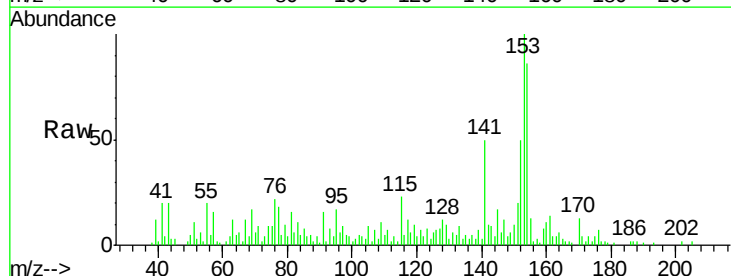
Tgt Ion:154 Resp: 29630

Ion Ratio Lower Upper

154 100

153 116.6 90.5 135.7

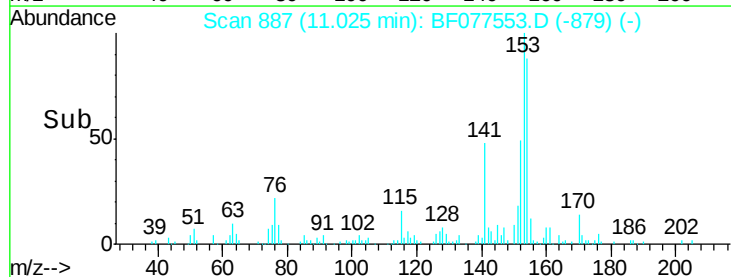
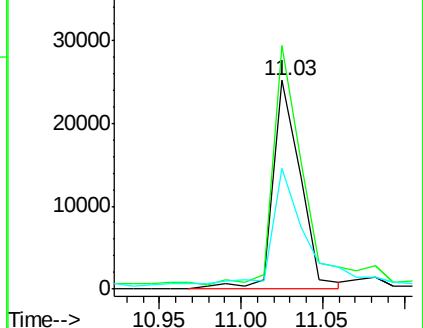
152 58.0 43.5 65.3

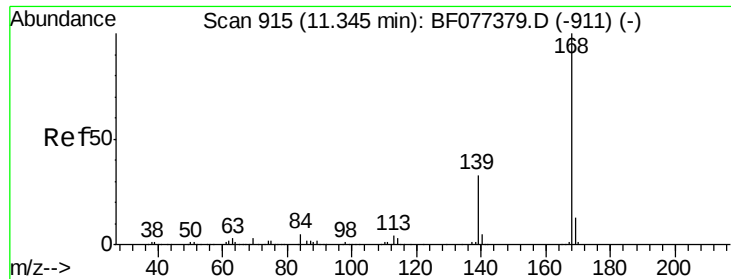


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

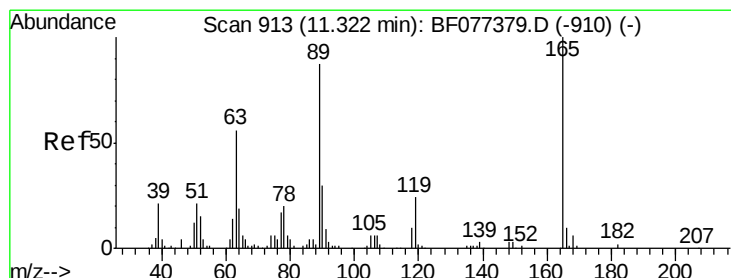
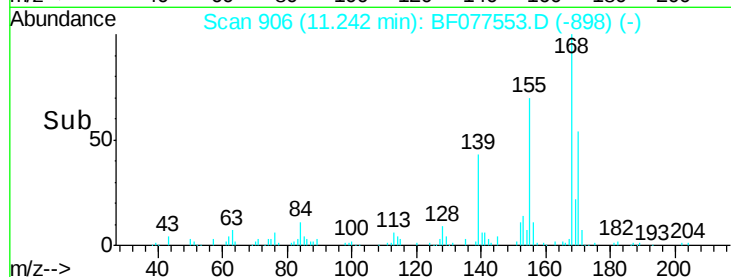
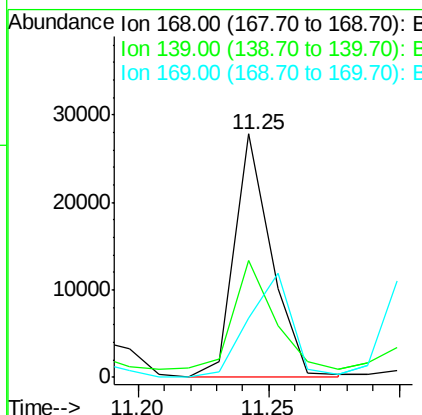
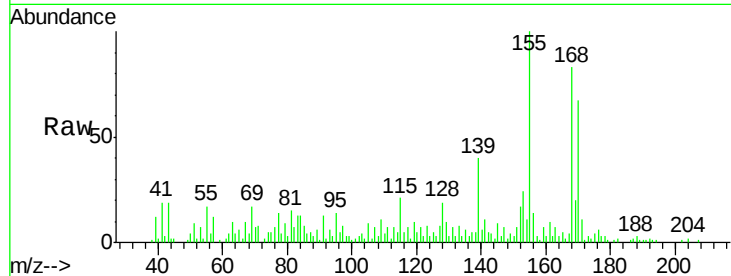




#54
Dibenzofuran
Concen: 3.24 ng
RT: 11.25 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

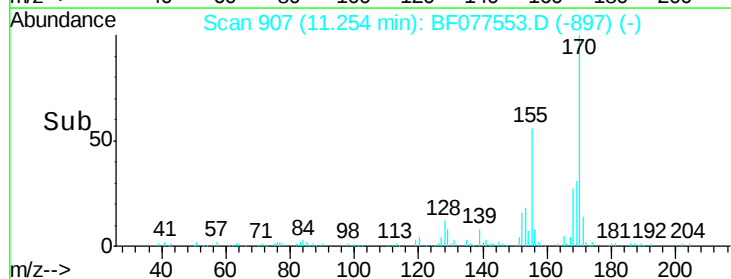
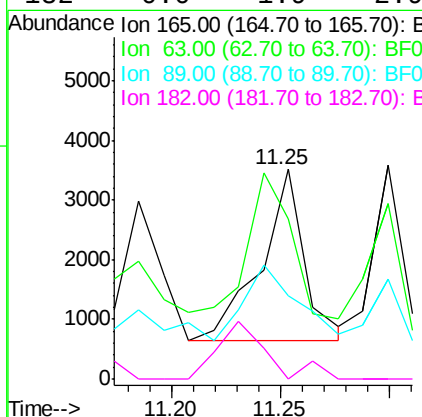
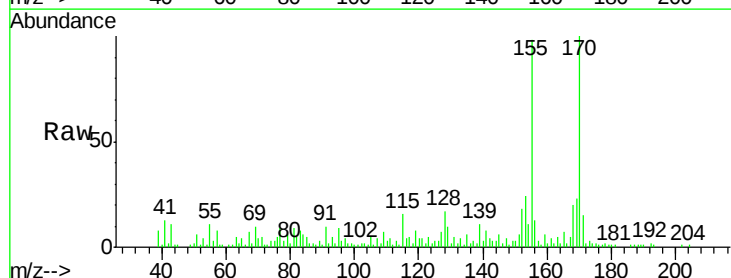
Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

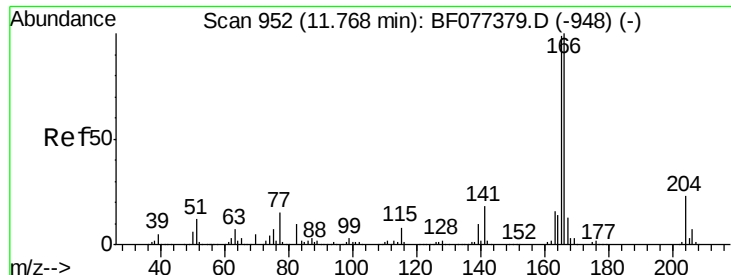
Tgt Ion:168 Resp: 27837
Ion Ratio Lower Upper
168 100
139 47.8 29.3 43.9#
169 24.5 10.9 16.3#



#56
2,4-Dinitrotoluene
Concen: 2.12 ng
RT: 11.25 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

Tgt Ion:165 Resp: 4003
Ion Ratio Lower Upper
165 100
63 76.5 29.8 44.8#
89 39.9 48.5 72.7#
182 0.0 1.9 2.9#

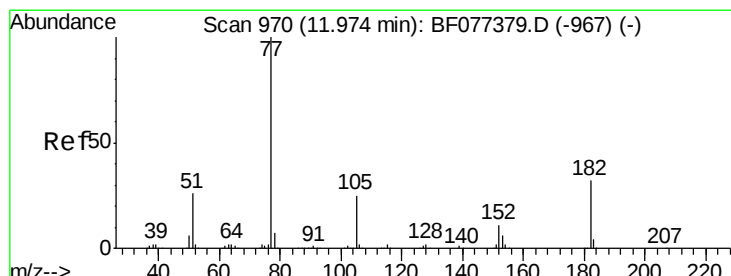
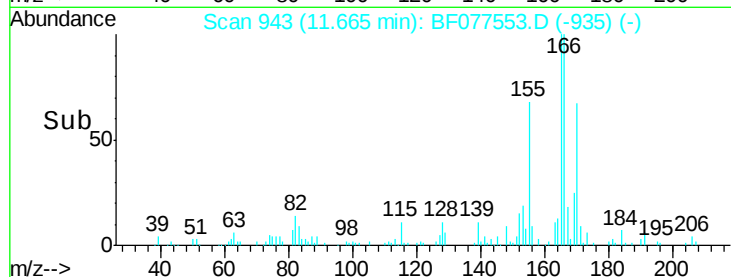
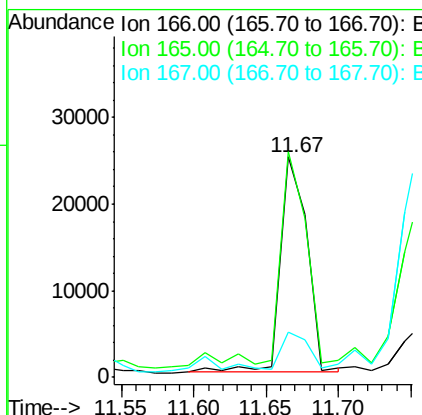
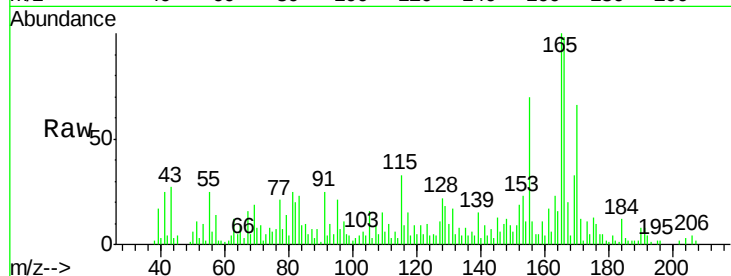




#57
Fluorene
 Concen: 4.48 ng
 RT: 11.67 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

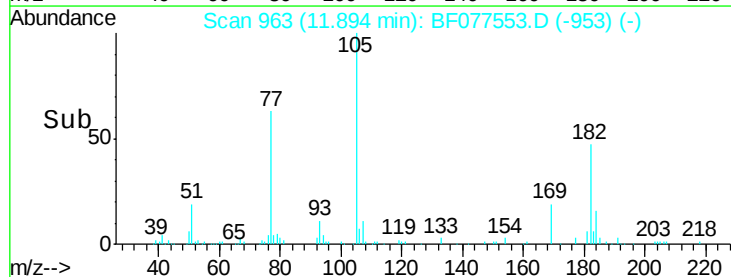
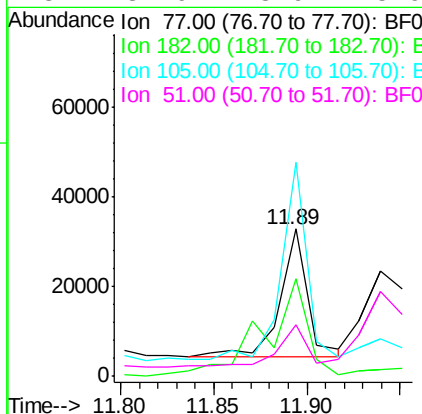
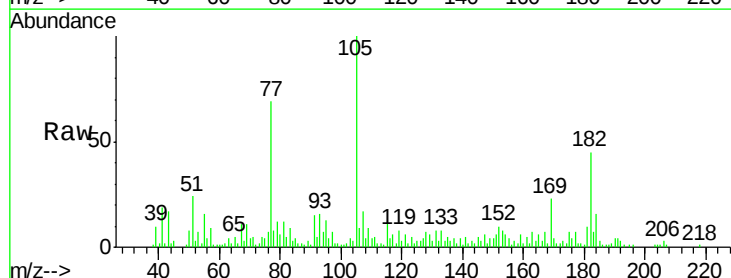
Instrument :
 BNA_F
 ClientSampleId :
 MW-06-2-27-15

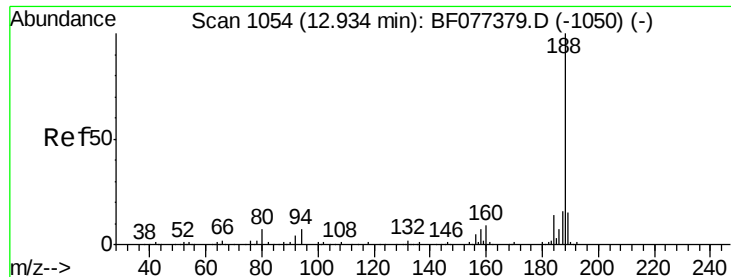
Tgt Ion: 166 Resp: 30809
 Ion Ratio Lower Upper
 166 100
 165 102.4 77.6 116.4
 167 20.3 10.6 16.0#



#62
Azobenzene
 Concen: 4.44 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

Tgt Ion: 77 Resp: 28942
 Ion Ratio Lower Upper
 77 100
 182 66.0 4.9 44.9#
 105 145.4 3.3 43.3#
 51 34.9 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.83 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

Instrument :

BNA_F

ClientSampleId :

MW-06-2-27-15

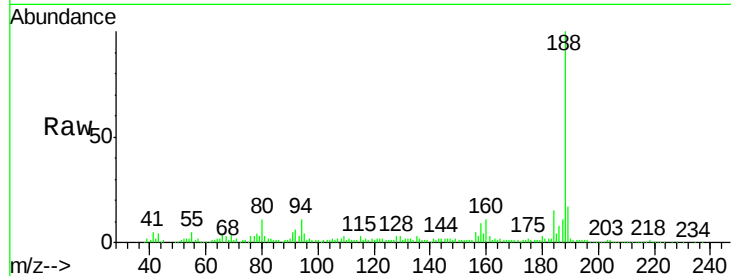
Tgt Ion:188 Resp: 176057

Ion Ratio Lower Upper

188 100

94 11.2 7.4 11.2#

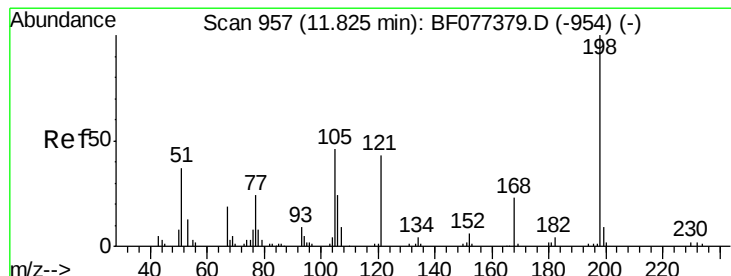
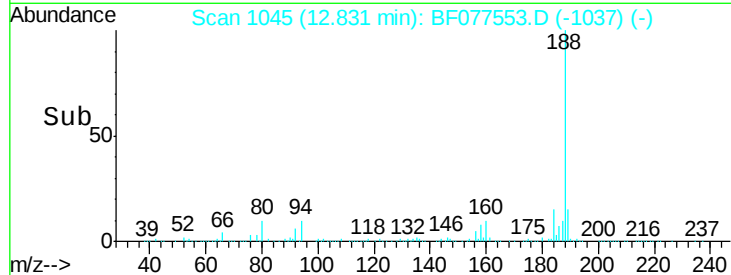
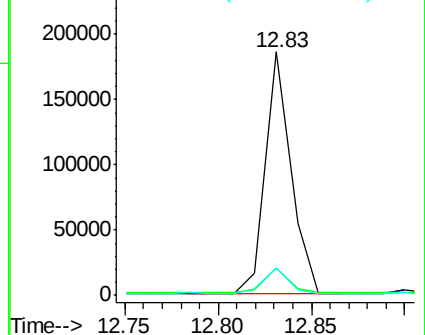
80 11.1 8.0 12.0



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.13 ng

RT: 11.78 min Scan# 953

Delta R.T. 0.03 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

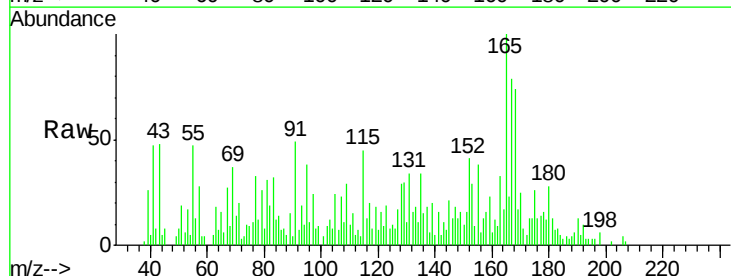
Tgt Ion:198 Resp: 1078

Ion Ratio Lower Upper

198 100

51 325.1 2.7 42.7#

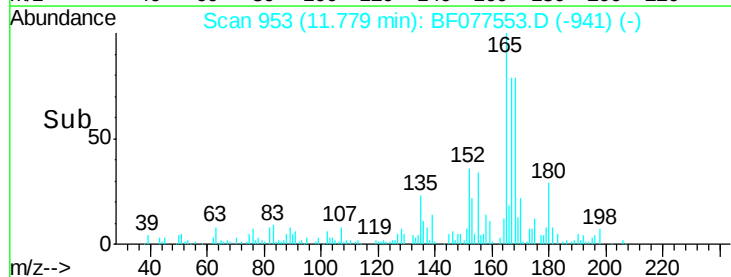
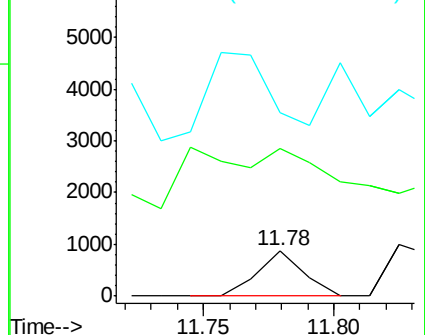
105 403.2 10.0 50.0#

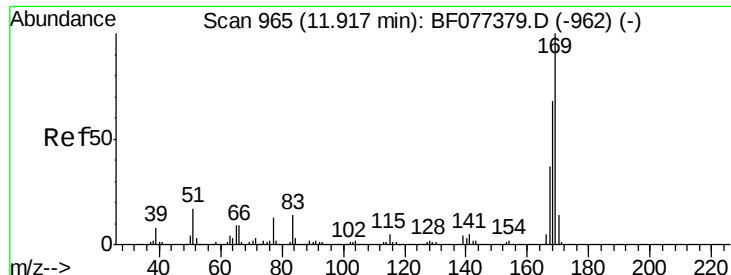


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

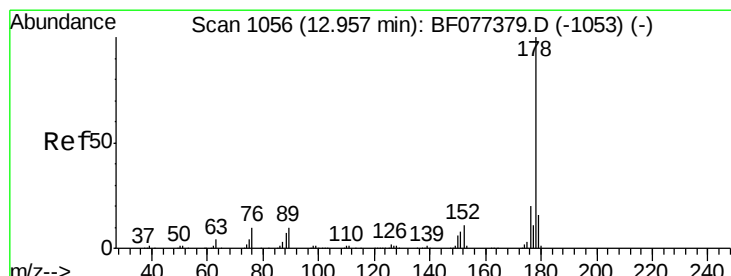
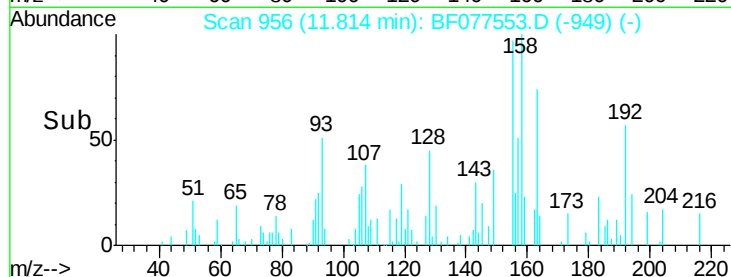
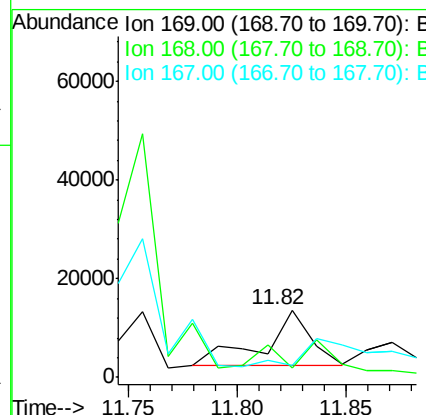
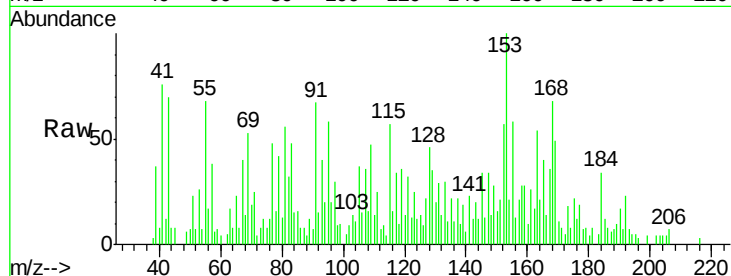




#65
n-Nitrosodiphenylamine
Concen: 2.85 ng
RT: 11.82 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

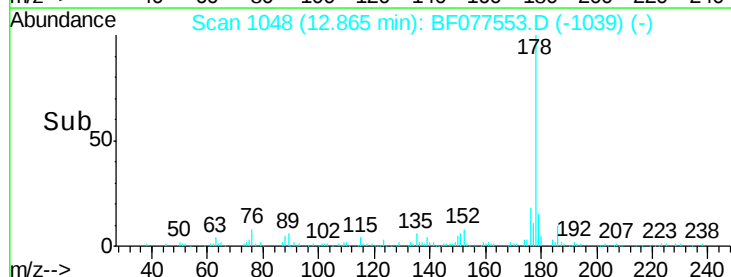
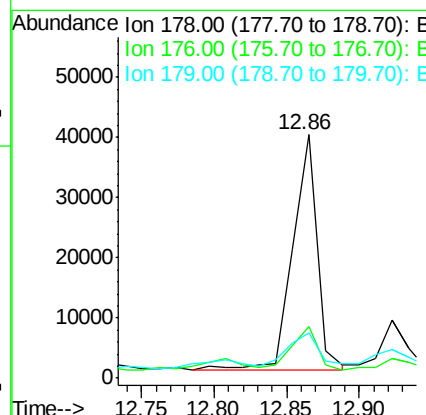
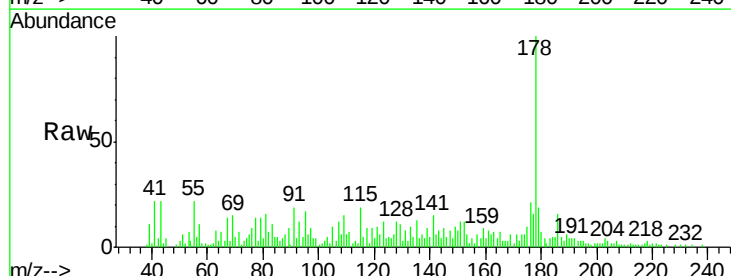
Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

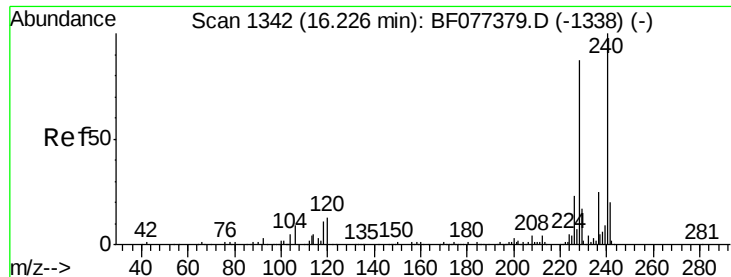
Tgt Ion:169 Resp: 16653
Ion Ratio Lower Upper
169 100
168 138.9 53.0 79.6#
167 72.1 29.5 44.3#



#70
Phenanthrene
Concen: 4.40 ng
RT: 12.86 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

Tgt Ion:178 Resp: 44859
Ion Ratio Lower Upper
178 100
176 21.4 15.5 23.3
179 18.5 12.2 18.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.13 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

Instrument :

BNA_F

ClientSampleId :

MW-06-2-27-15

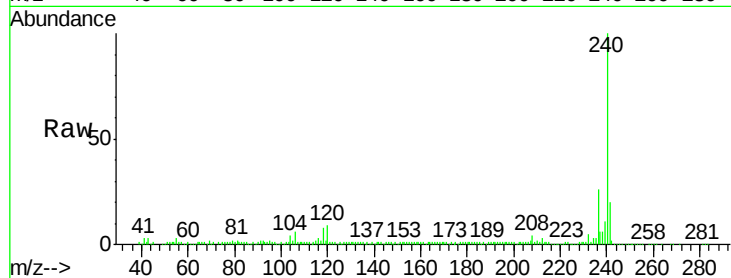
Tgt Ion:240 Resp: 204770

Ion Ratio Lower Upper

240 100

120 9.0 8.8 13.2

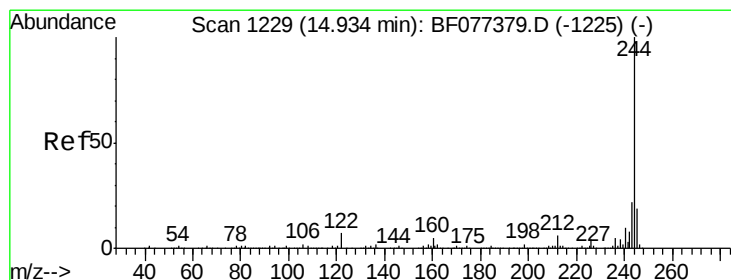
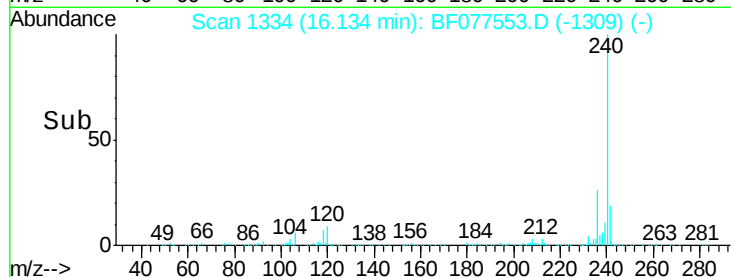
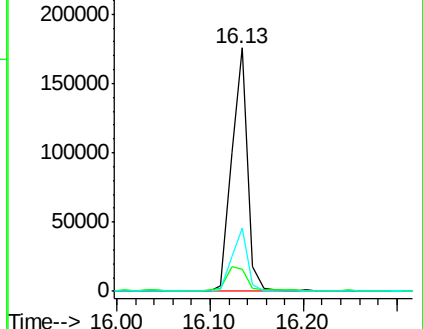
236 25.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 76.42 ng

RT: 14.83 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF077553.D

Acq: 3 Mar 2015 18:48

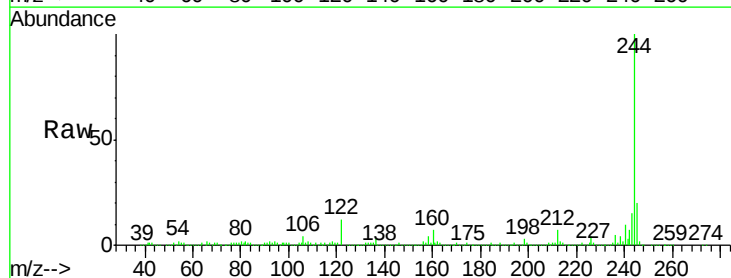
Tgt Ion:244 Resp: 669361

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

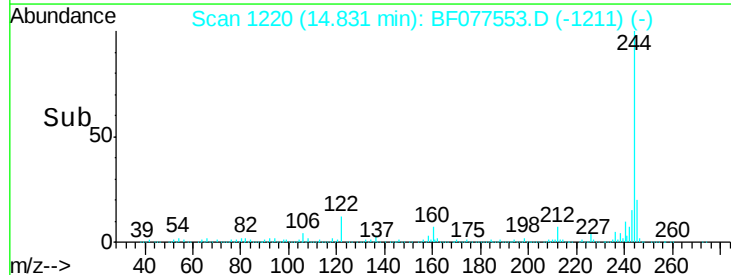
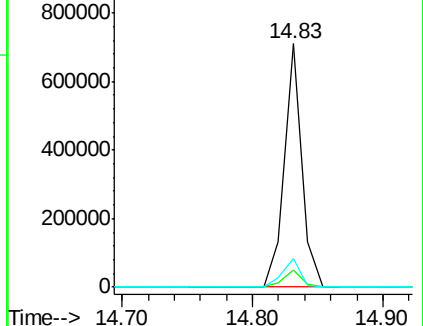
122 11.7 7.8 11.8

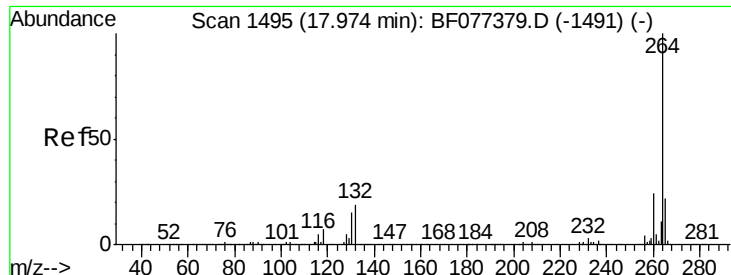


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.92 min Scan# 1490
Delta R.T. -0.06 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	20.8	16.8	25.2

