

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077759.D
 Acq On : 16 Mar 2015 18:14
 Operator : TP/IZ
 Sample : G1533-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

Quant Time: Mar 17 00:07:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

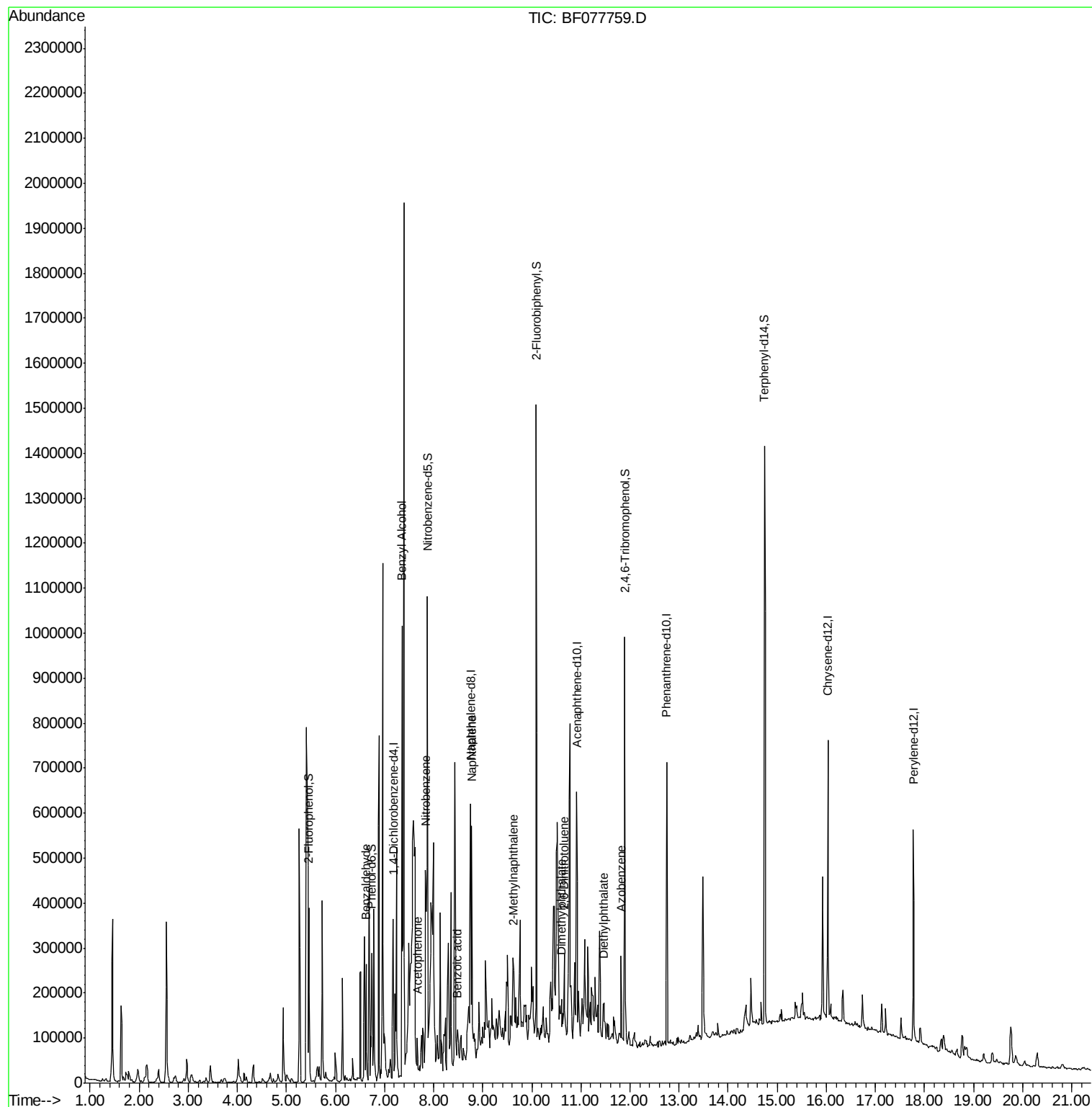
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	57292	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	239395	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	121590	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	239058	20.00	ng	0.00
75) Chrysene-d12	16.03	240	235050	20.00	ng	0.00
86) Perylene-d12	17.77	264	234443	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	135979	41.43	ng	0.00
7) Phenol-d6	6.74	99	105848	26.10	ng	0.00
23) Nitrobenzene-d5	7.87	82	247933	67.89	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	108338	93.13	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	531226	64.21	ng	0.00
78) Terphenyl-d14	14.74	244	572988	59.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.62	77	10103	6.08	ng	# 1
15) Benzyl Alcohol	7.36	79	7663	2.42	ng	# 46
22) Acetophenone	7.66	105	29071	5.49	ng	# 56
24) Nitrobenzene	7.84	77	27473	6.98	ng	# 15
31) Naphthalene	8.77	128	210291	17.10	ng	100
32) Benzoic acid	8.48	122	1867	3.98	ng	# 57
37) 2-Methylnaphthalene	9.63	142	18765	2.27	ng	# 91
49) Dimethylphthalate	10.60	163	40331	4.47	ng	# 93
50) 2,6-Dinitrotoluene	10.66	165	4894	2.62	ng	# 72
59) Diethylphthalate	11.47	149	23344	2.66	ng	97
62) Azobenzene	11.81	77	35331	4.21	ng	# 1
76) Benzidine	14.42	184	1816	Below Cal		# 1

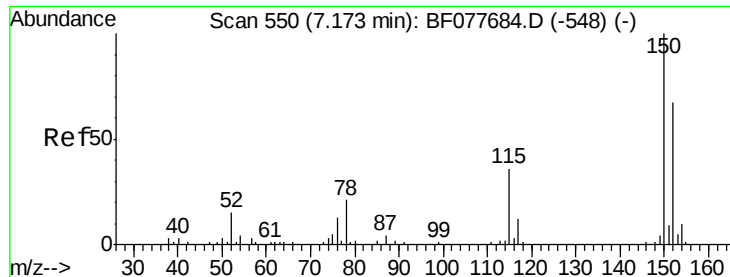
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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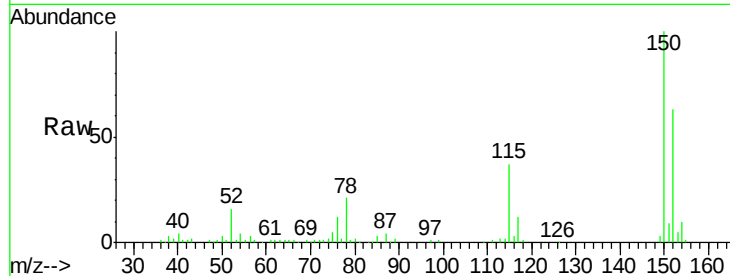


#1

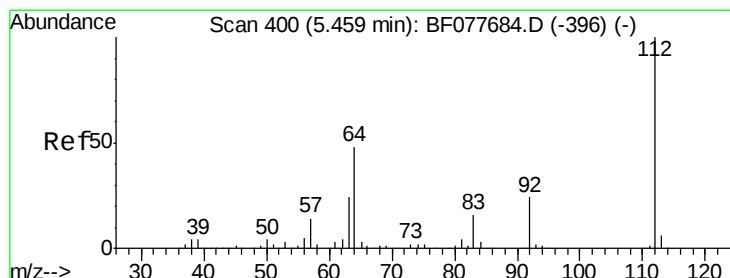
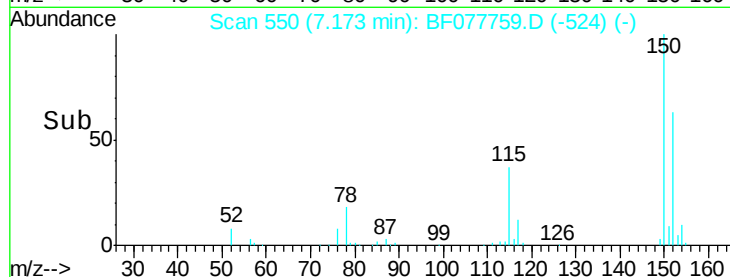
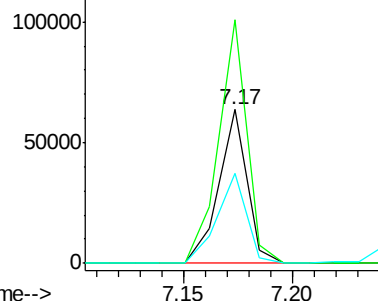
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

Instrument :
BNA_F
ClientSampled :
FYMW-02A

Tgt Ion:152 Resp: 57292
Ion Ratio Lower Upper
152 100
150 158.3 119.5 179.3
115 58.5 43.0 64.4



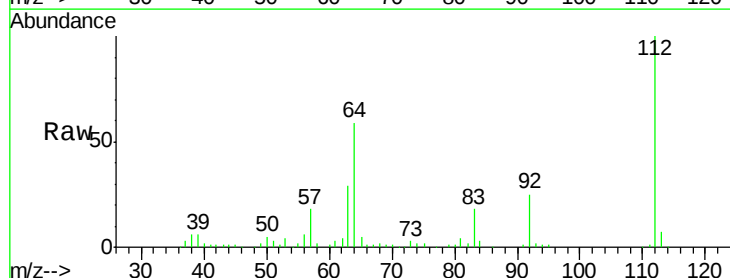
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



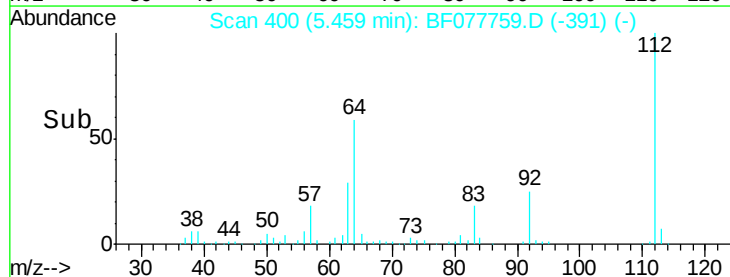
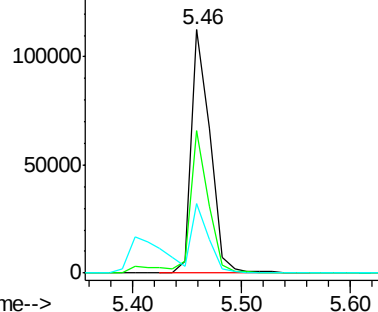
#5

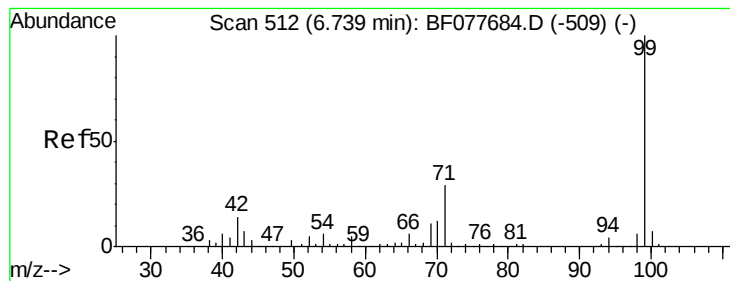
2-Fluorophenol
Concen: 41.43 ng
RT: 5.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

Tgt Ion:112 Resp: 135979
Ion Ratio Lower Upper
112 100
64 58.8 38.6 57.8#
63 28.8 19.3 28.9



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: 26.10 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

Instrument :

BNA_F

ClientSampled :

FYMW-02A

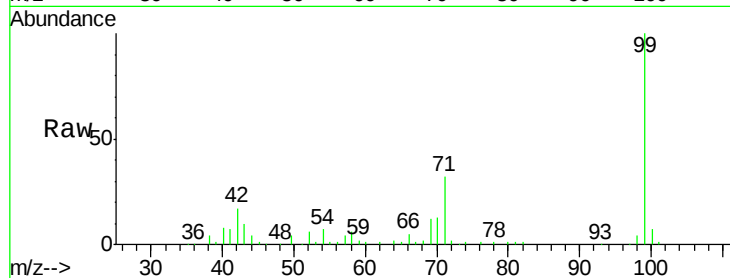
Tgt Ion: 99 Resp: 105848

Ion Ratio Lower Upper

99 100

42 17.0 11.0 16.4#

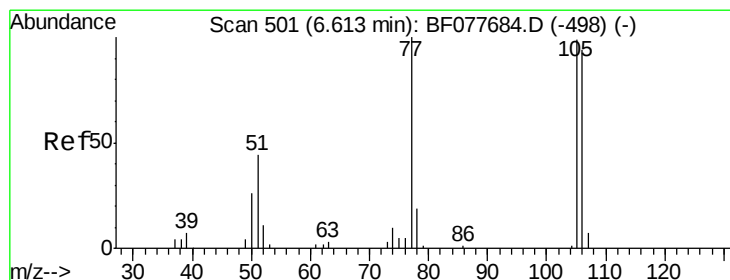
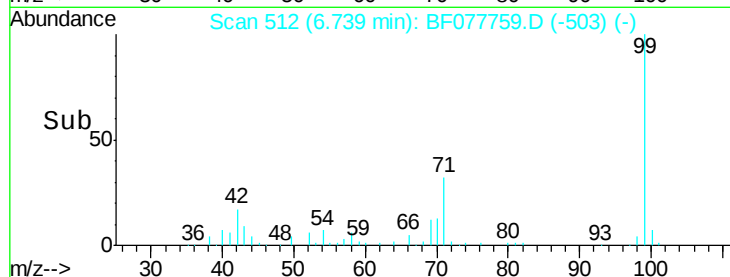
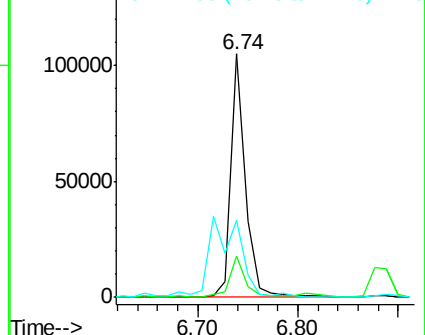
71 31.9 23.4 35.2



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: 6.08 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

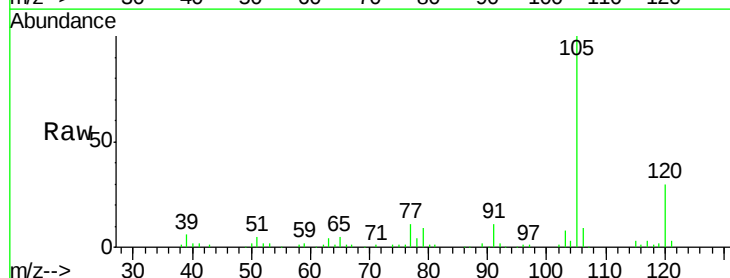
Tgt Ion: 77 Resp: 10103

Ion Ratio Lower Upper

77 100

105 885.7 78.8 118.8#

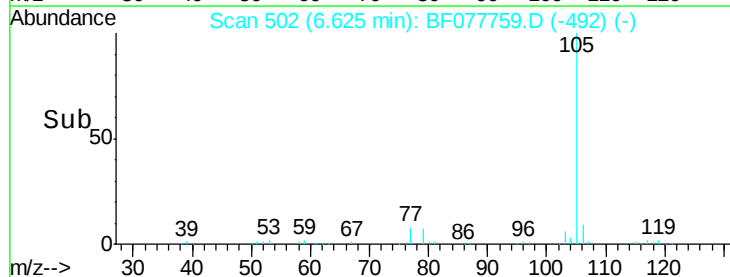
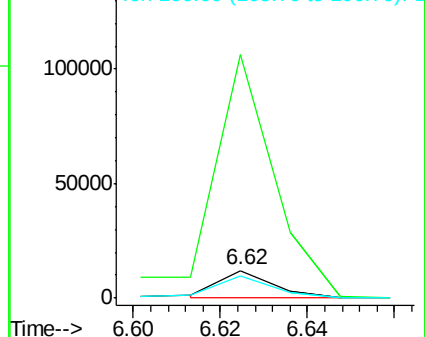
106 83.0 73.7 113.7

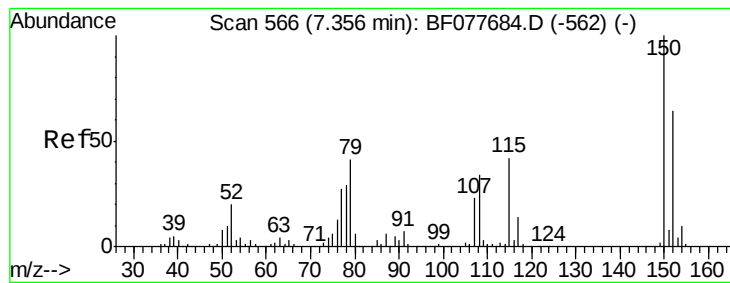


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

Instrument :

BNA_F

ClientSampled :

FYMW-02A

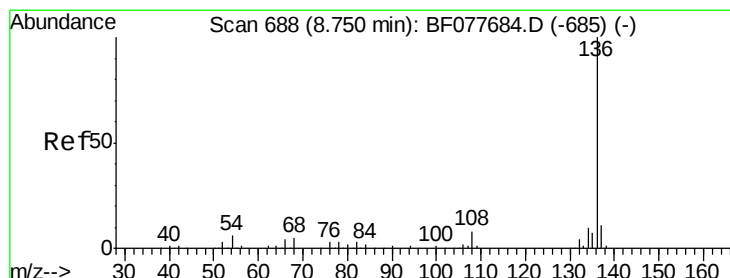
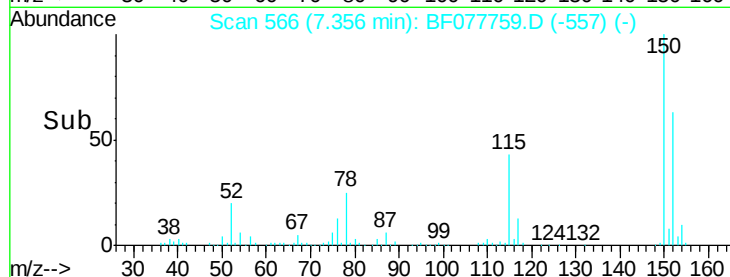
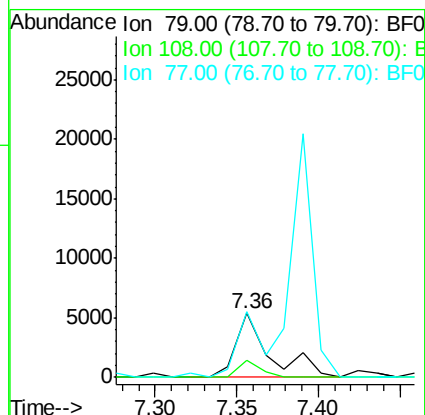
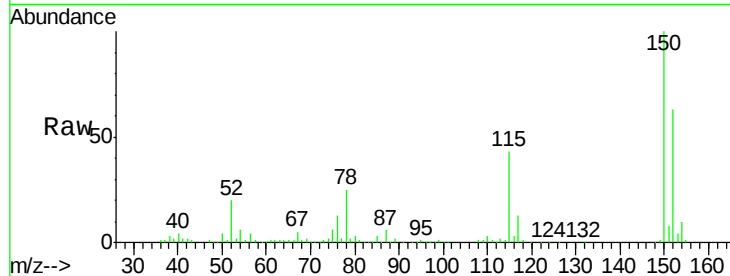
Tgt Ion: 79 Resp: 7663

Ion Ratio Lower Upper

79 100

108 27.7 65.0 97.4#

77 103.7 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

Tgt Ion: 136 Resp: 239395

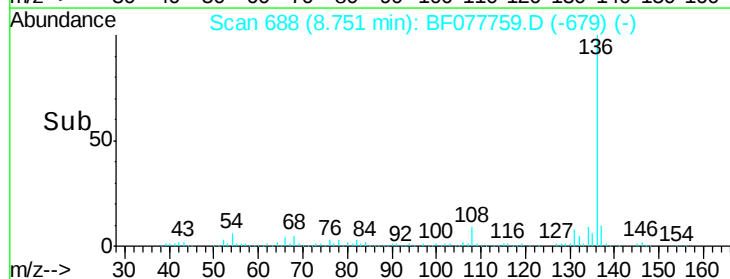
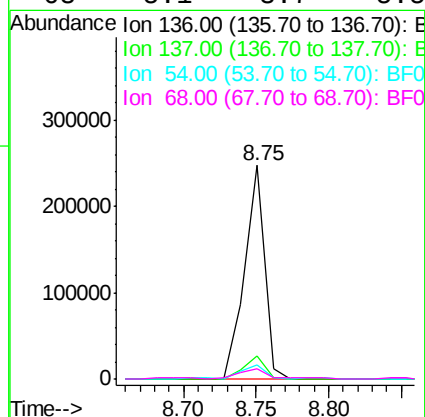
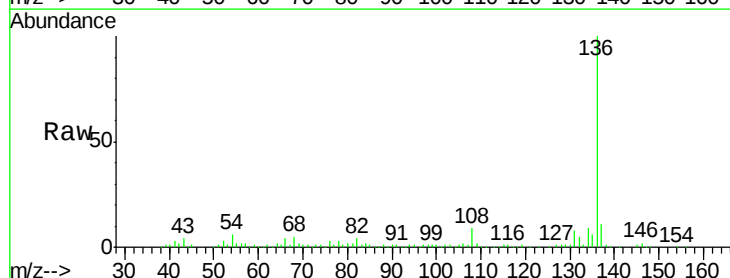
Ion Ratio Lower Upper

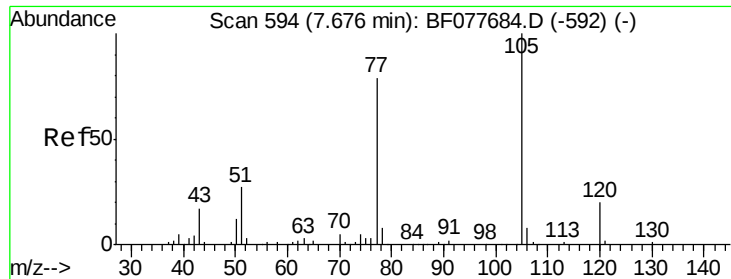
136 100

137 10.6 8.7 13.1

54 6.4 4.6 6.8

68 5.1 3.7 5.5

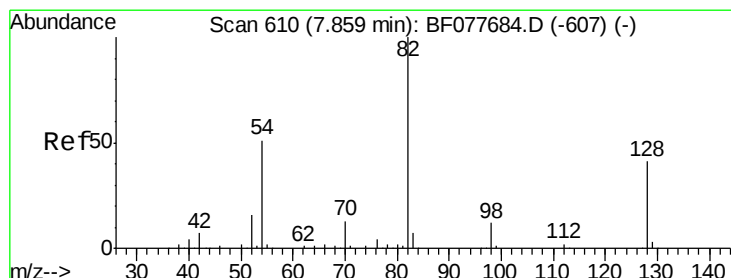
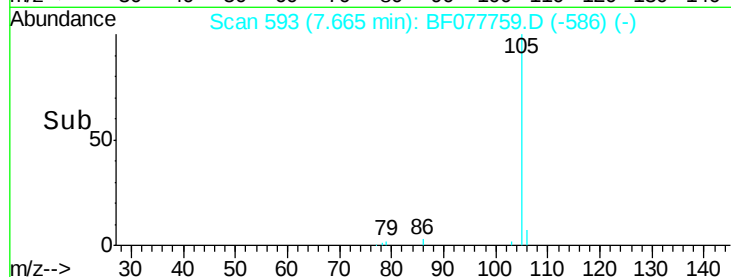
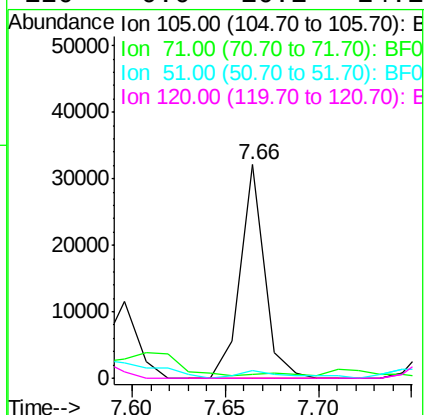
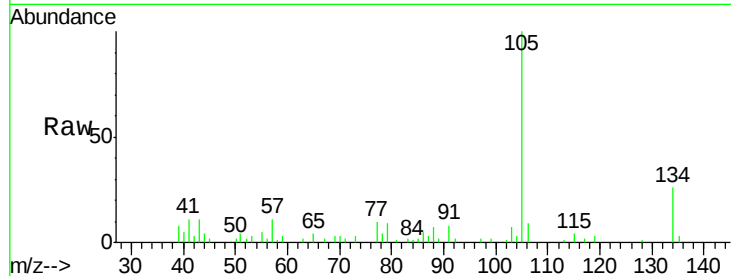




#22
Acetophenone
Concen: 5.49 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

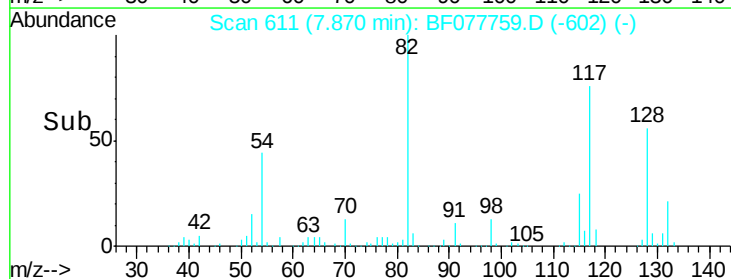
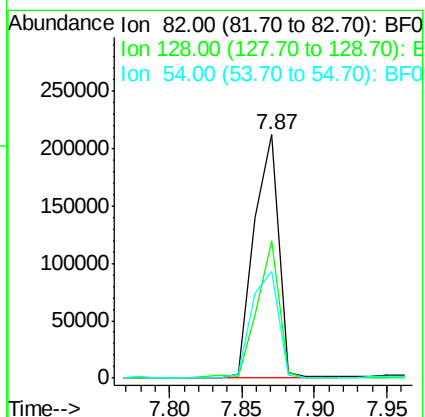
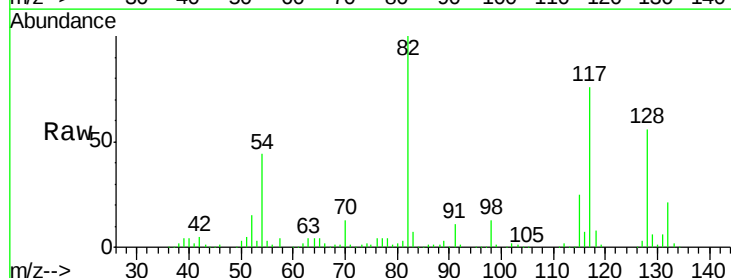
Instrument :
BNA_F
ClientSampleId :
FYMW-02A

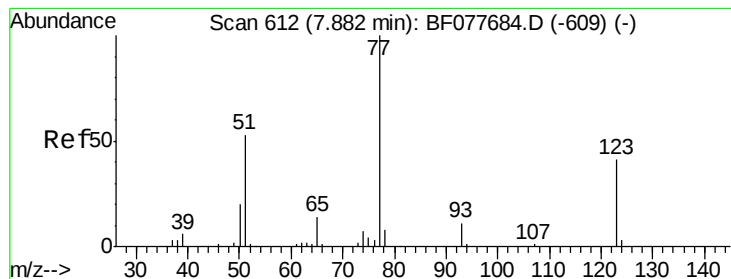
Tgt Ion: 105 Resp: 29071
Ion Ratio Lower Upper
105 100
71 1.9 0.6 1.0#
51 3.5 21.6 32.4#
120 0.0 16.1 24.1#



#23
Nitrobenzene-d5
Concen: 67.89 ng
RT: 7.87 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

Tgt Ion: 82 Resp: 247933
Ion Ratio Lower Upper
82 100
128 56.4 32.8 49.2#
54 44.0 40.6 60.8





#24

Nitrobenzene

Concen: 6.98 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.06 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

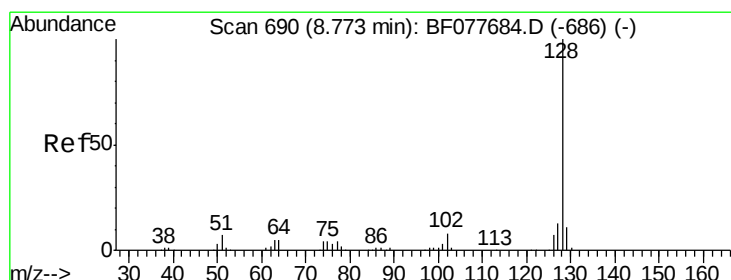
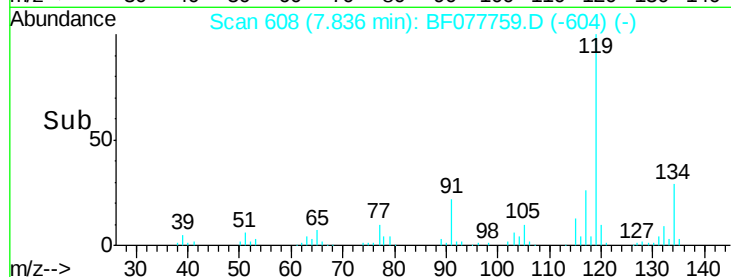
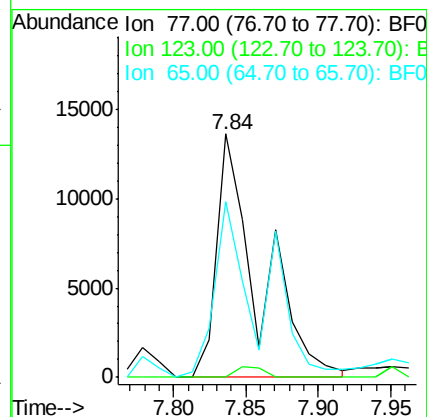
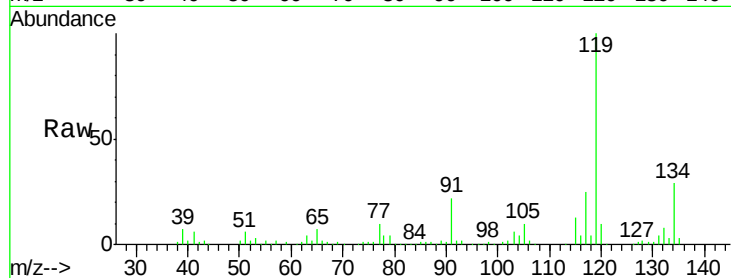
Tgt Ion: 77 Resp: 27473

Ion Ratio Lower Upper

77 100

123 0.0 32.6 49.0#

65 72.2 10.9 16.3#



#31

Naphthalene

Concen: 17.10 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

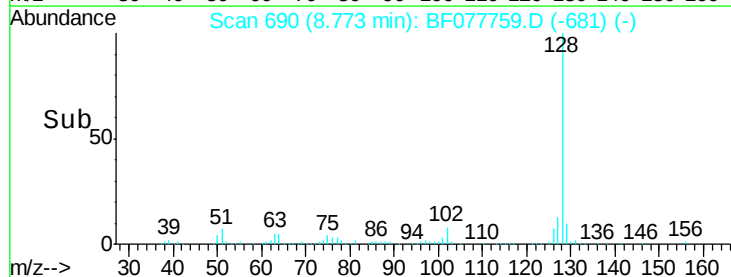
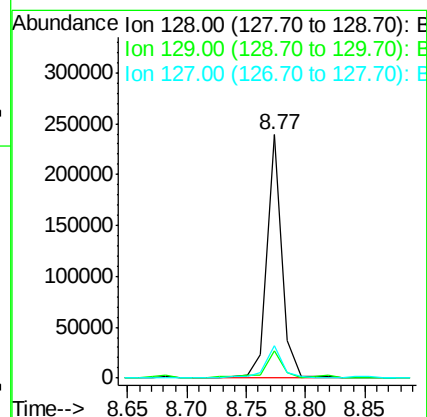
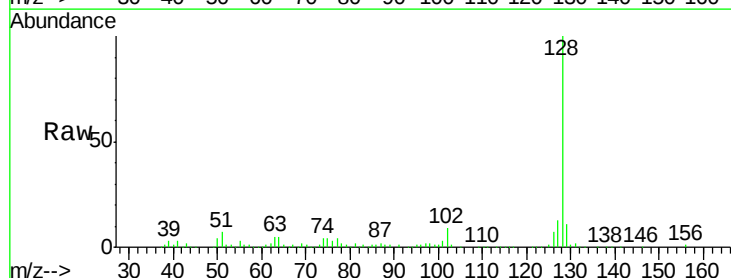
Tgt Ion: 128 Resp: 210291

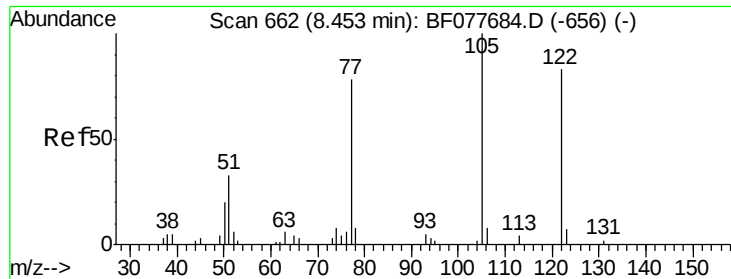
Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.4 15.6





#32

Benzoic acid

Concen: 3.98 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.01 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

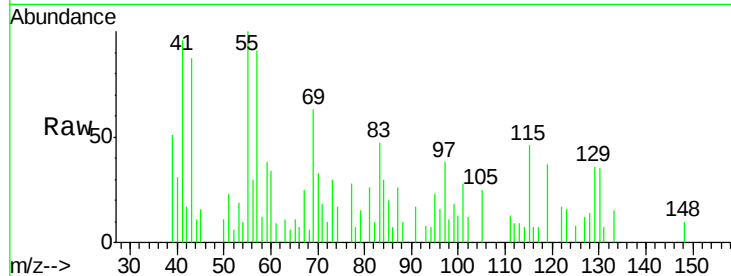
Tgt Ion:122 Resp: 1867

Ion Ratio Lower Upper

122 100

105 143.1 99.9 139.9#

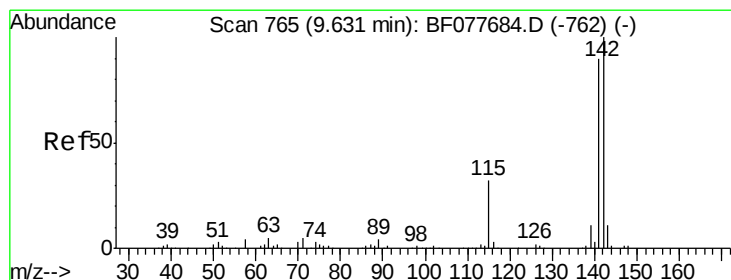
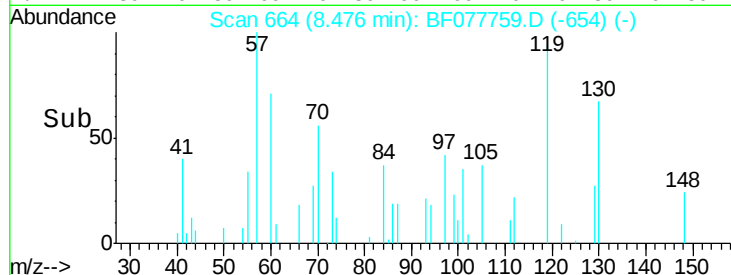
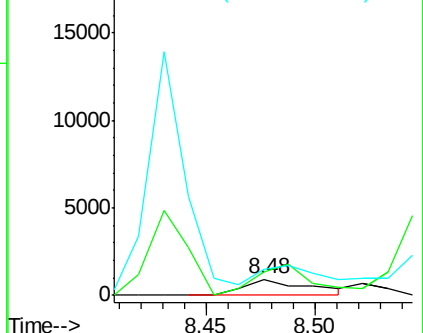
77 163.4 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#37

2-Methylnaphthalene

Concen: 2.27 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

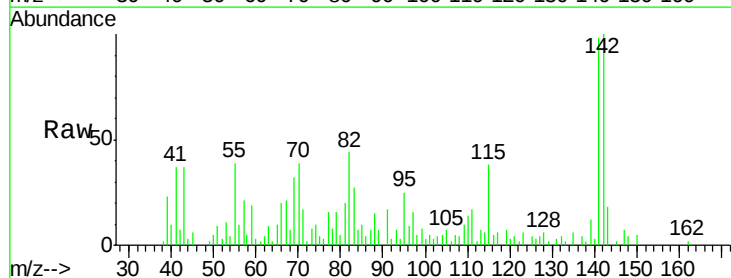
Tgt Ion:142 Resp: 18765

Ion Ratio Lower Upper

142 100

141 97.5 71.9 107.9

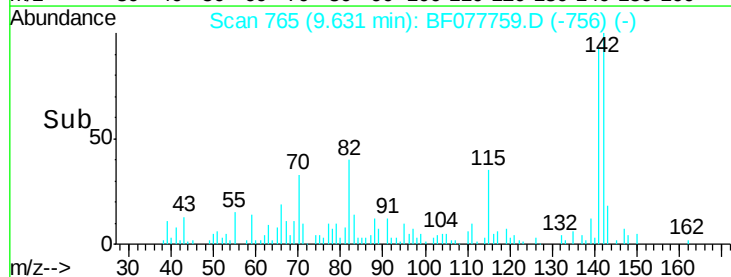
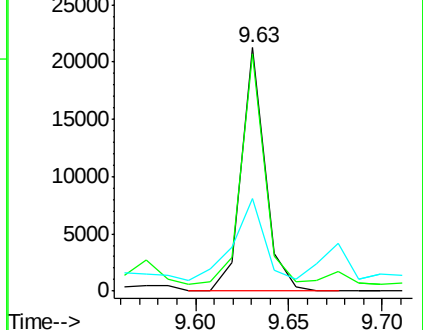
115 38.2 25.4 38.0#

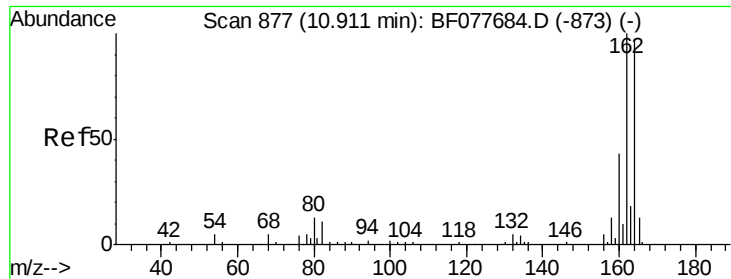


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

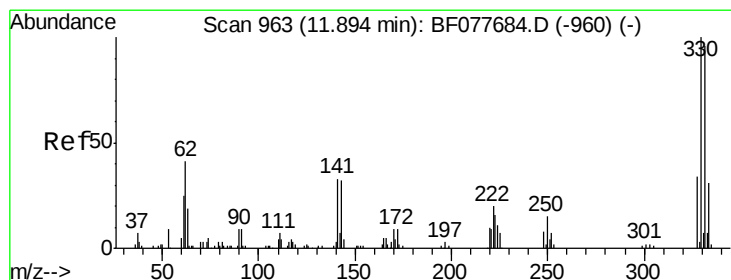
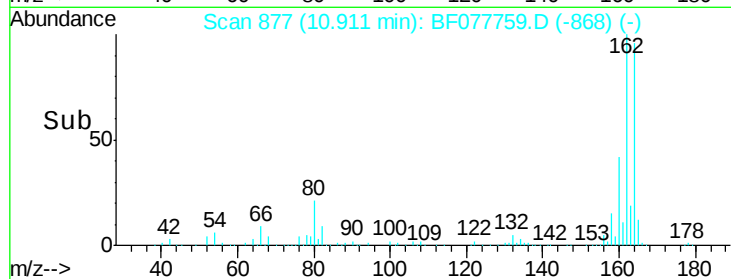
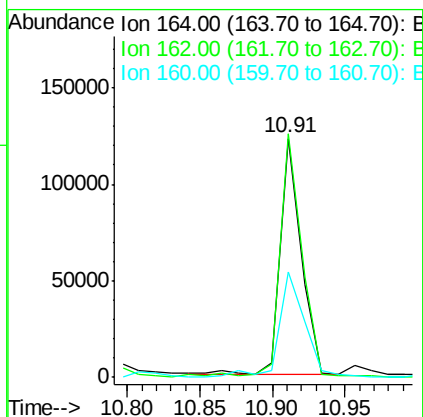
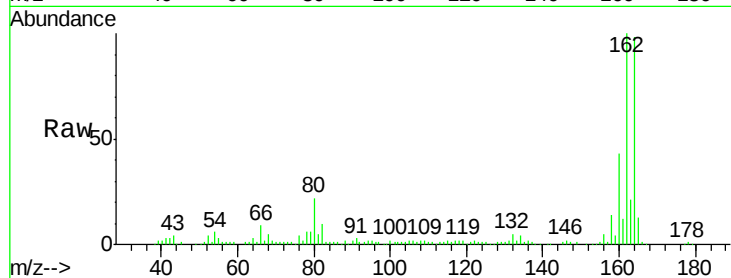




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

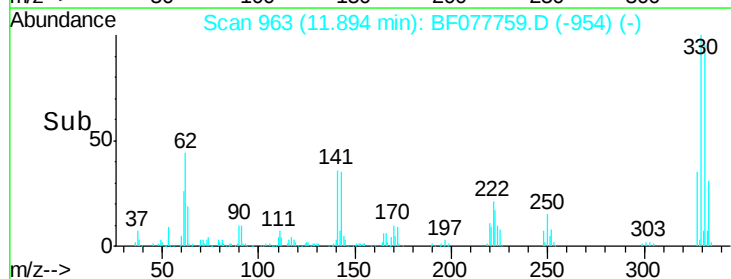
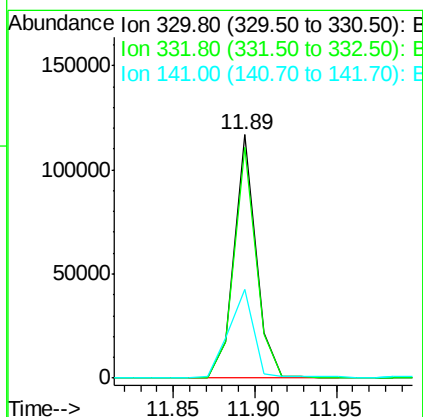
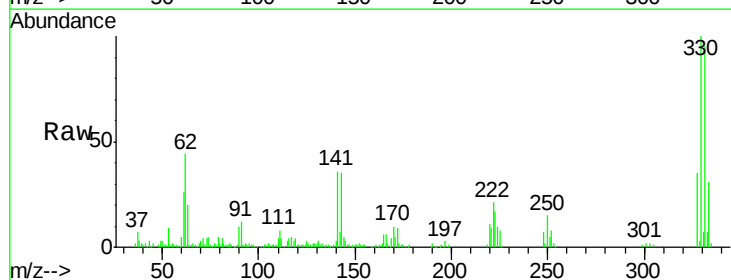
Instrument :
BNA_F
ClientSampleId :
FYMW-02A

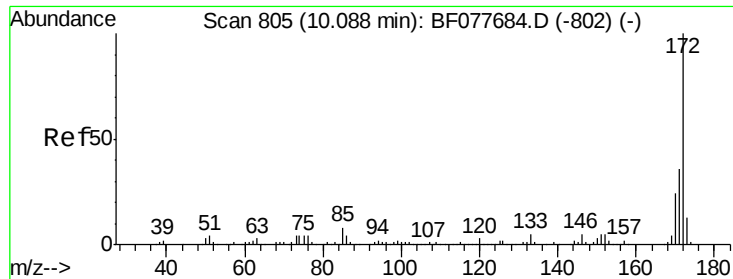
Tgt Ion:164 Resp: 121590
Ion Ratio Lower Upper
164 100
162 102.1 82.4 123.6
160 44.2 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 93.13 ng
RT: 11.89 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

Tgt Ion:330 Resp: 108338
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 40.8 0.0 0.0#

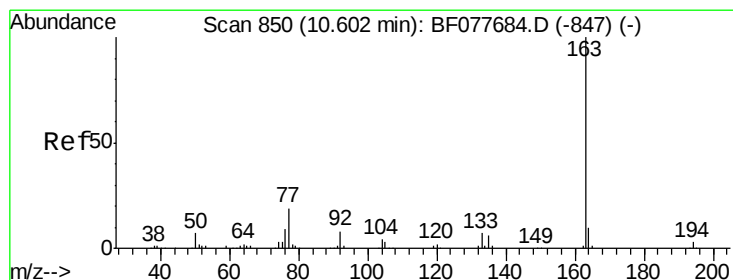
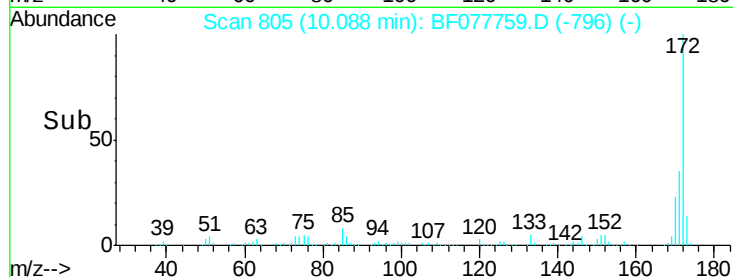
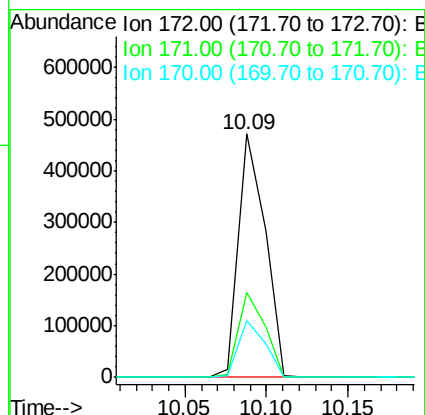
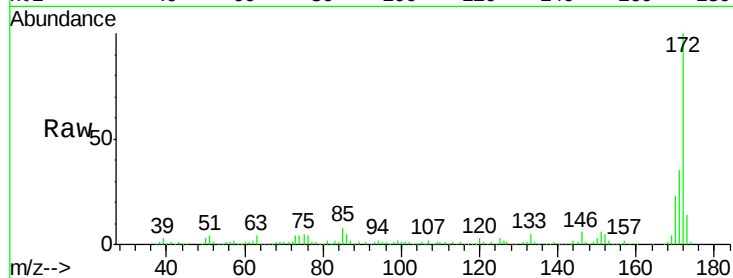




#44
 2-Fluorobiphenyl
 Concen: 64.21 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077759.D
 Acq: 16 Mar 2015 18:14

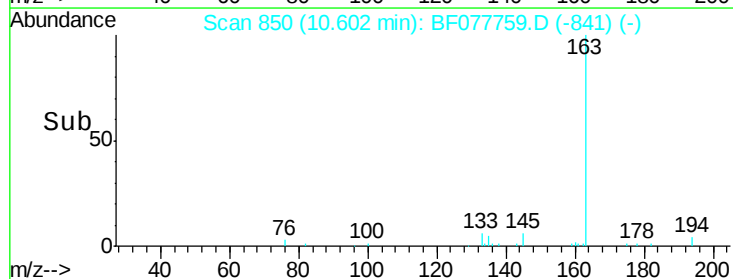
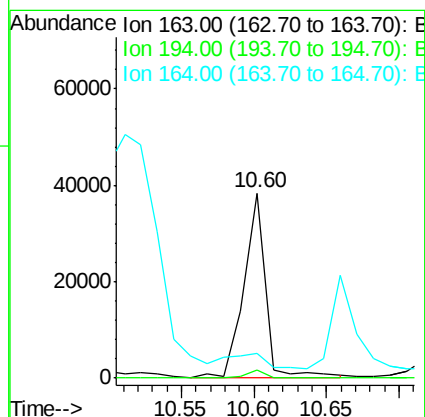
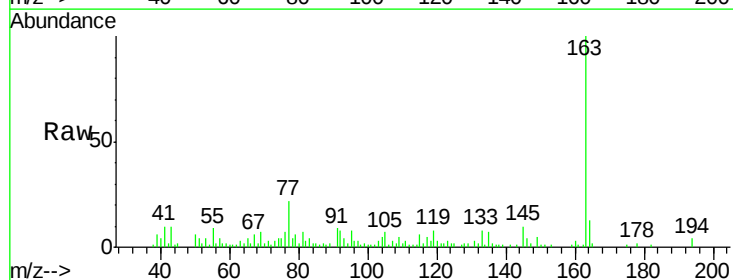
Instrument :
 BNA_F
 ClientSampleId :
 FYMW-02A

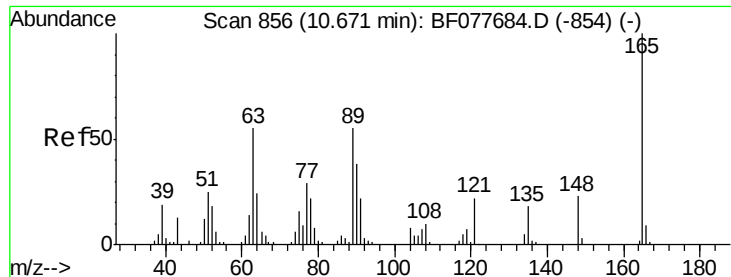
Tgt Ion:172 Resp: 531226
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.2 18.8 28.2



#49
 Dimethylphthalate
 Concen: 4.47 ng
 RT: 10.60 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF077759.D
 Acq: 16 Mar 2015 18:14

Tgt Ion:163 Resp: 40331
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 13.5 8.2 12.2#

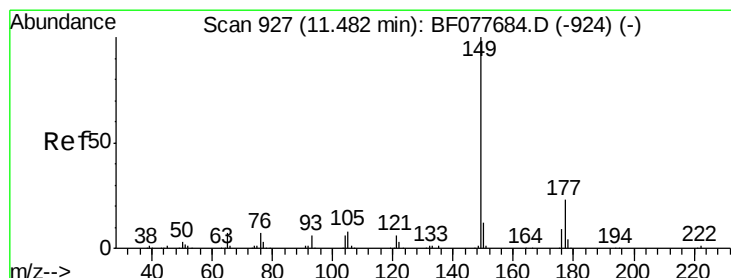
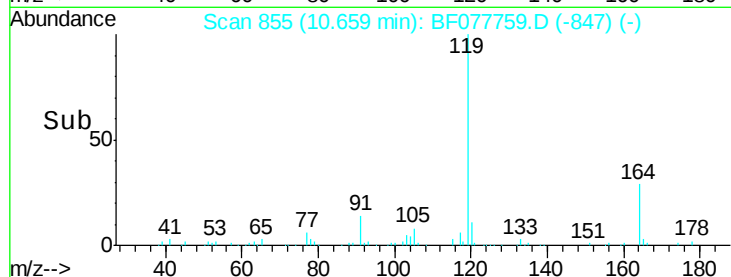
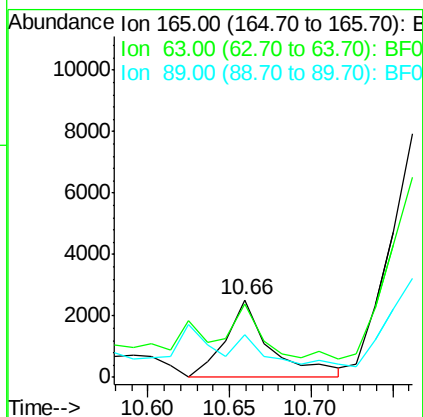
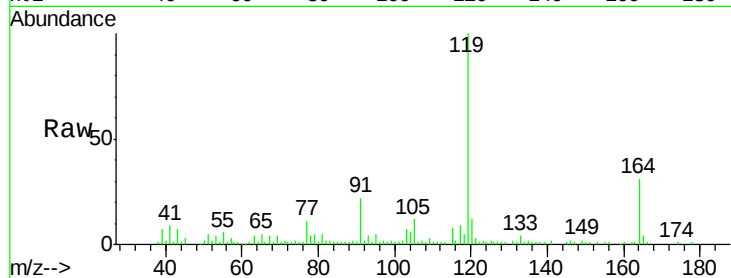




#50
2,6-Dinitrotoluene
Concen: 2.62 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

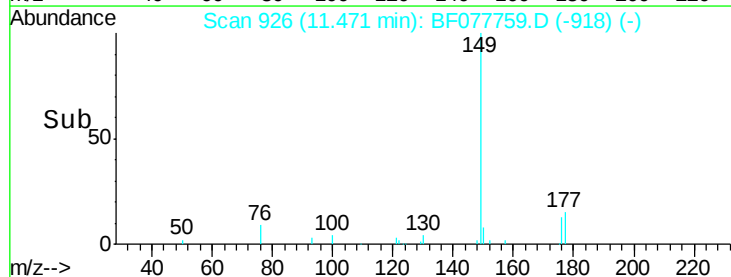
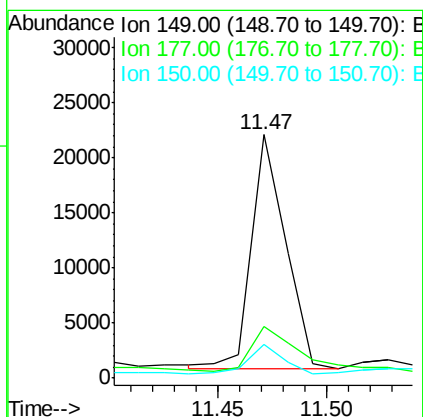
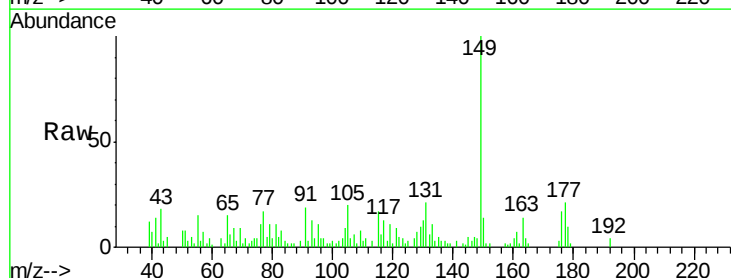
Instrument :
BNA_F
ClientSampleId :
FYMW-02A

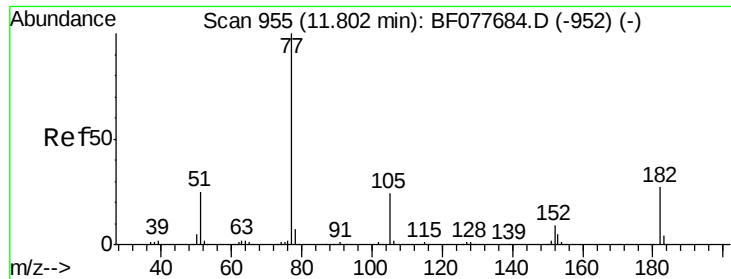
Tgt Ion:165 Resp: 4894
Ion Ratio Lower Upper
165 100
63 95.1 44.1 66.1#
89 54.8 44.3 66.5



#59
Diethylphthalate
Concen: 2.66 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

Tgt Ion:149 Resp: 23344
Ion Ratio Lower Upper
149 100
177 21.2 18.3 27.5
150 13.6 9.8 14.8





#62

Azobenzene

Concen: 4.21 ng

RT: 11.81 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

Tgt Ion: 77 Resp: 35331

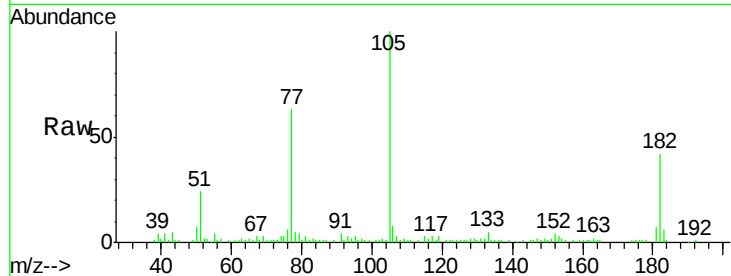
Ion Ratio Lower Upper

77 100

182 66.2 6.5 46.5#

105 157.6 3.8 43.8#

51 38.5 5.5 45.5

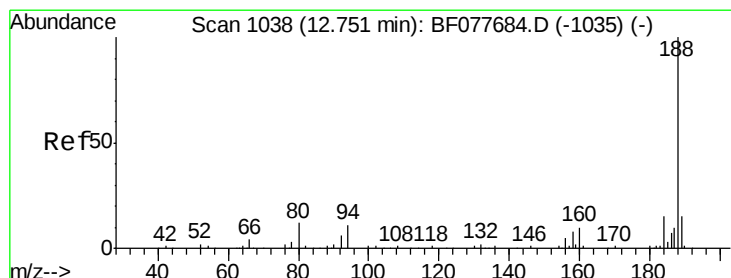
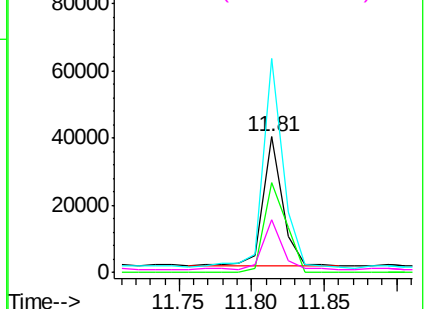
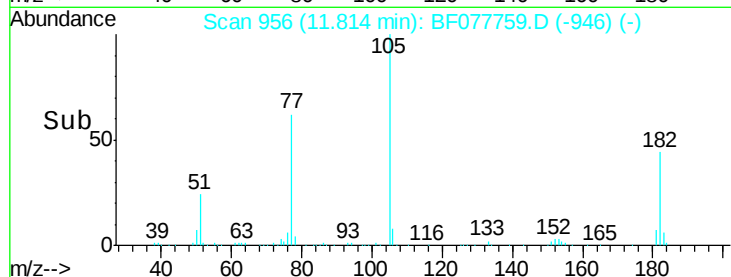


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.75 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

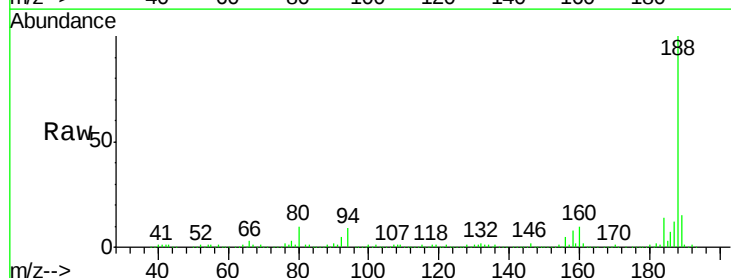
Tgt Ion: 188 Resp: 239058

Ion Ratio Lower Upper

188 100

94 8.8 8.7 13.1

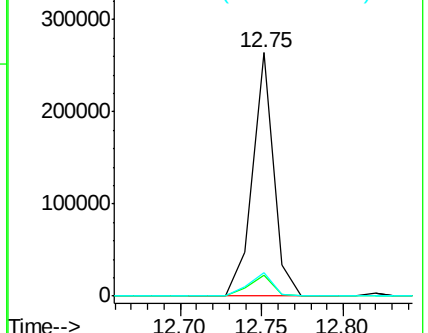
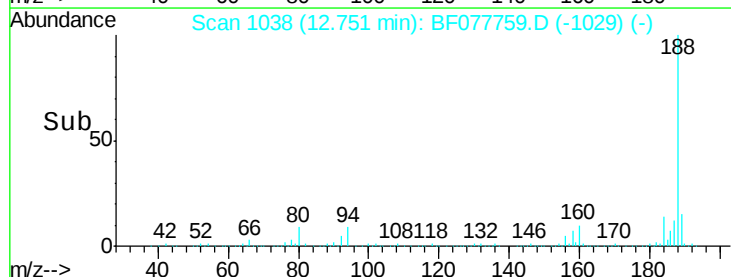
80 9.5 9.3 13.9

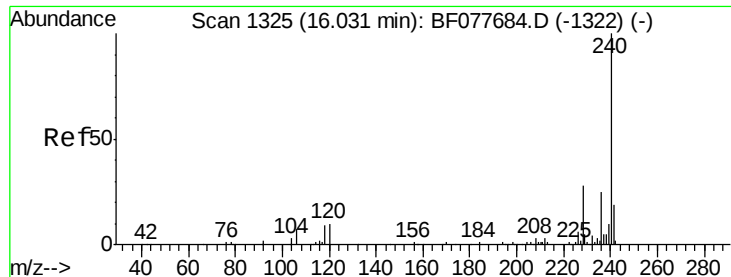


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

Instrument :

BNA_F

ClientSampleId :

FYMW-02A

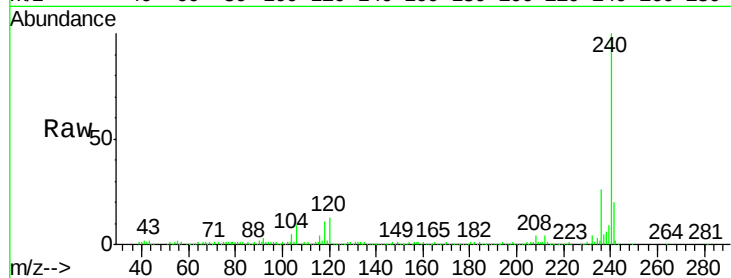
Tgt Ion:240 Resp: 235050

Ion Ratio Lower Upper

240 100

120 12.7 8.2 12.2#

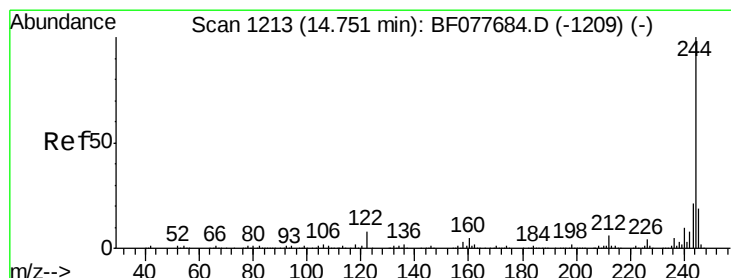
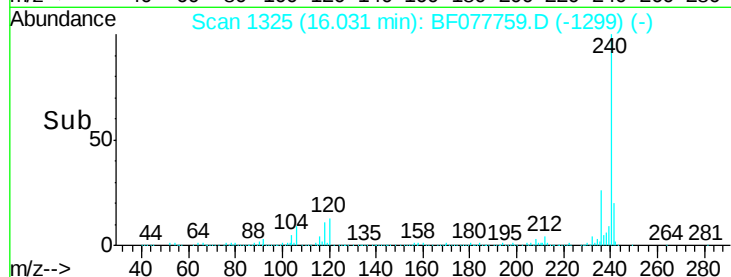
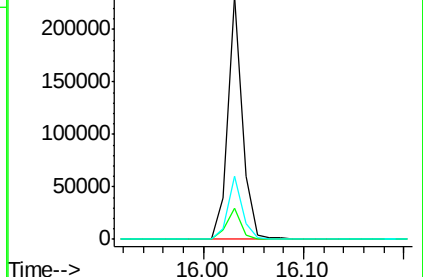
236 25.7 20.0 30.0



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: 59.55 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF077759.D

Acq: 16 Mar 2015 18:14

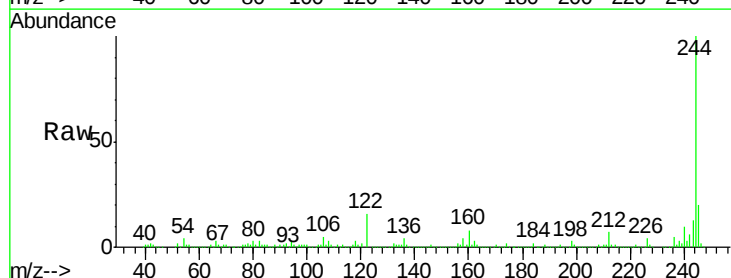
Tgt Ion:244 Resp: 572988

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

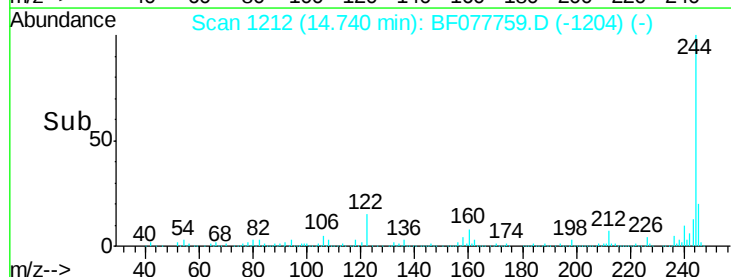
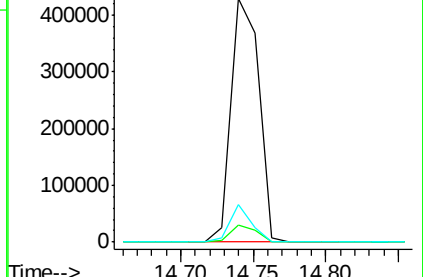
122 15.5 6.2 9.4#

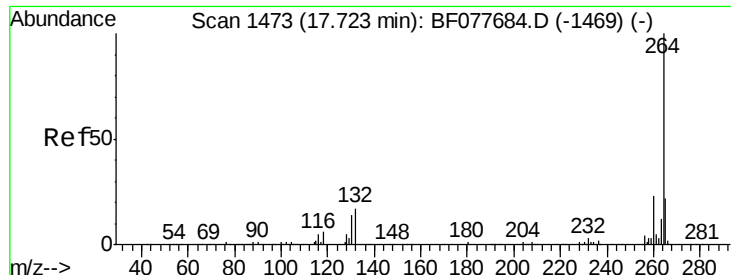


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

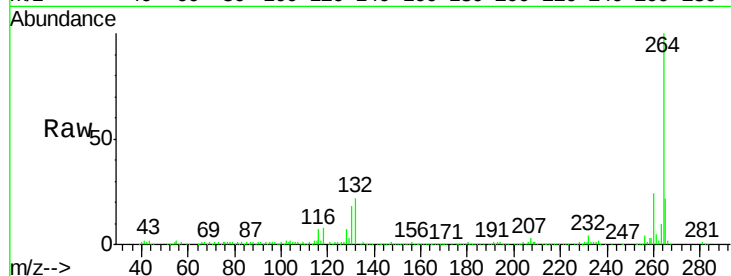




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF077759.D
Acq: 16 Mar 2015 18:14

Instrument :
BNA_F
ClientSampleId :
FYMW-02A

Tgt Ion: 264 Resp: 234443
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 22.3 17.3 25.9



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

