

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 02:05:59 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

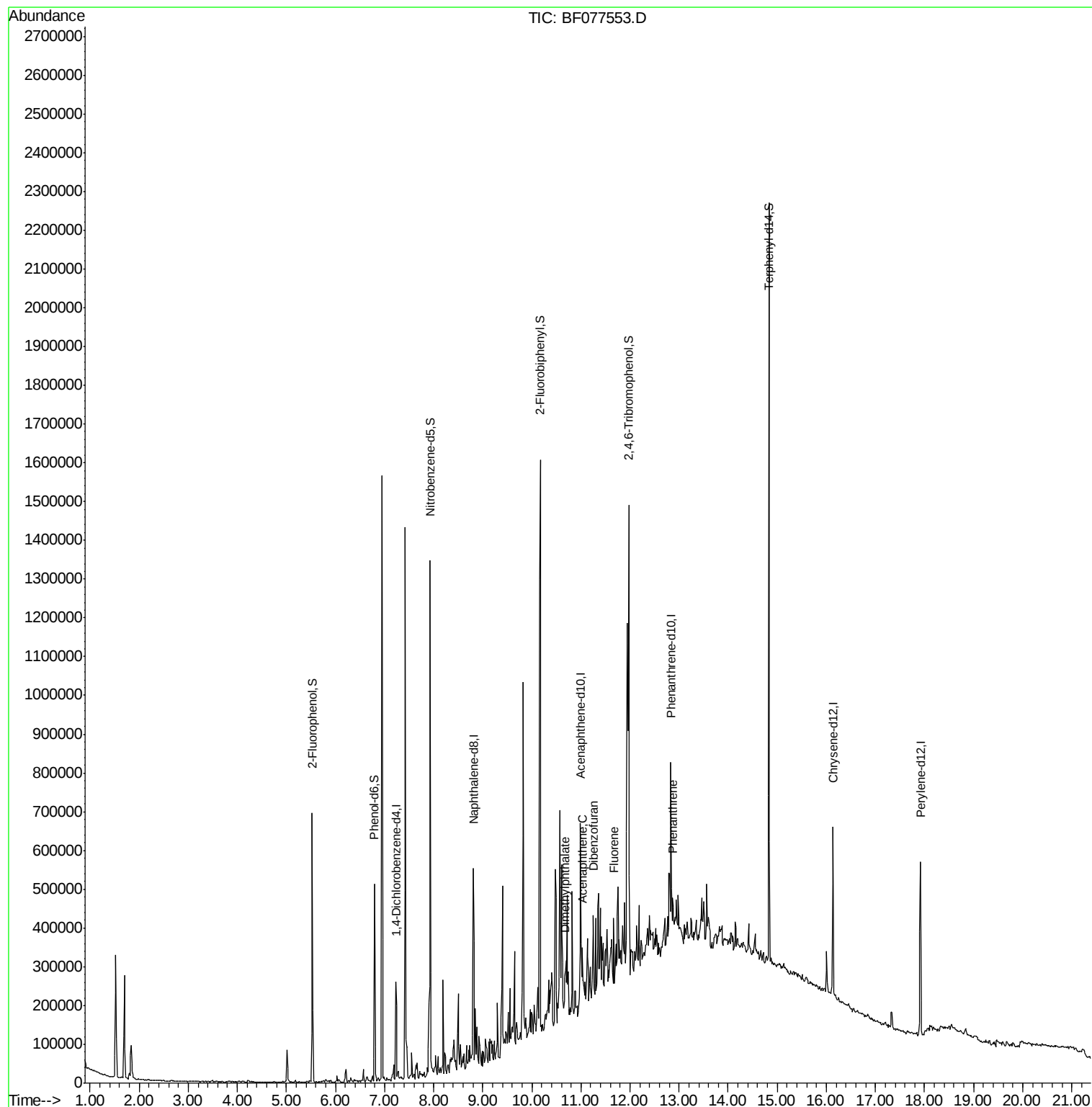
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	50449	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	197761	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	99158	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	176057	20.00	ng	0.00
75) Chrysene-d12	16.13	240	204770	20.00	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
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
57) Fluorene	11.67	166	30809	4.48	ng	# 93
70) Phenanthrene	12.86	178	44859	4.40	ng	# 94

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

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#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

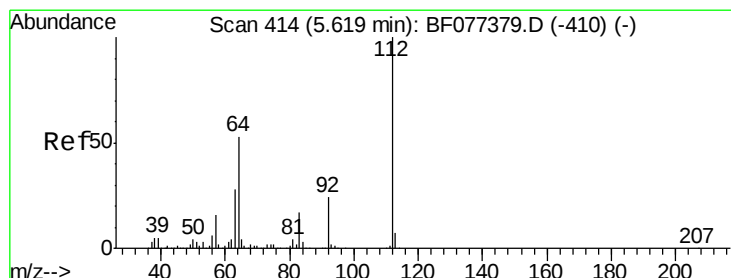
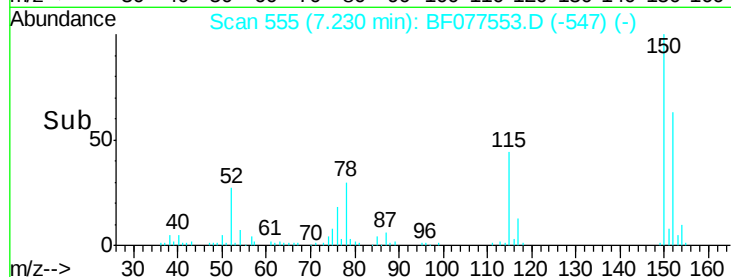
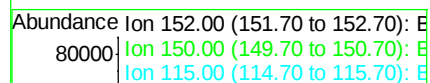
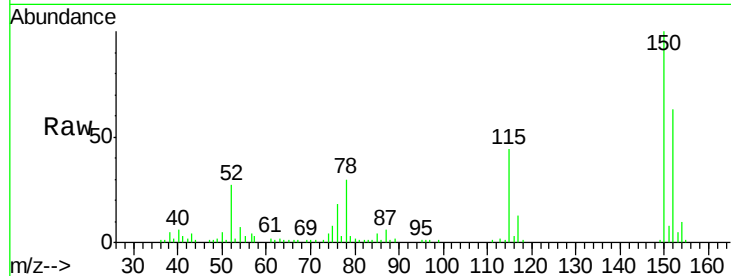
Tgt Ion:152 Resp: 50449

Ion Ratio Lower Upper

152 100

150 158.4 124.0 186.0

115 69.3 49.4 74.2



#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

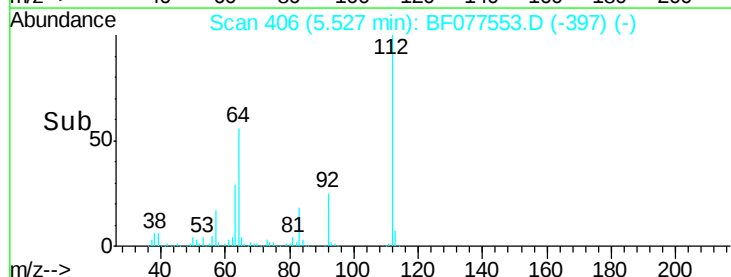
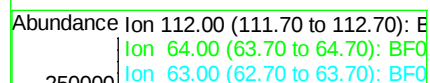
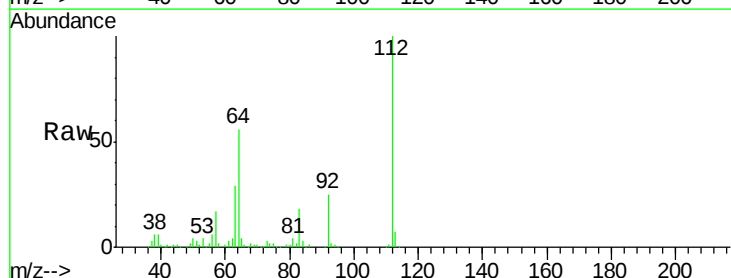
Tgt Ion:112 Resp: 211047

Ion Ratio Lower Upper

112 100

64 56.5 48.5 72.7

63 29.3 25.0 37.4





#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

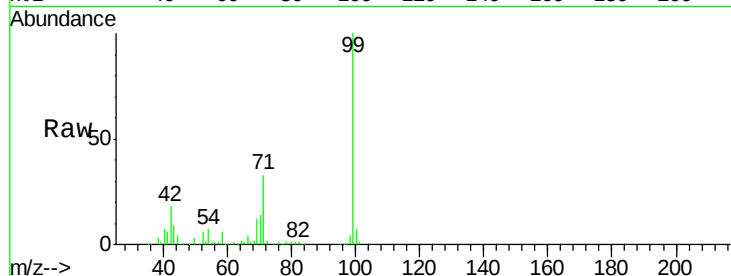
Tgt Ion: 99 Resp: 162920

Ion Ratio Lower Upper

99 100

42 17.6 16.2 24.4

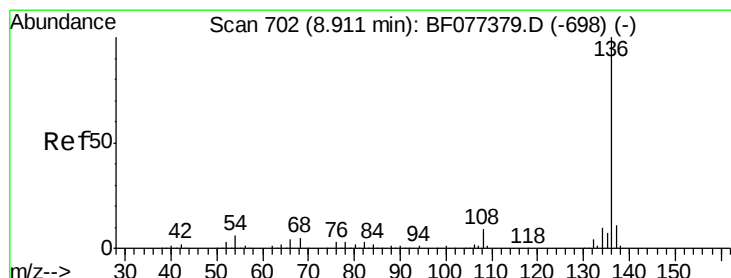
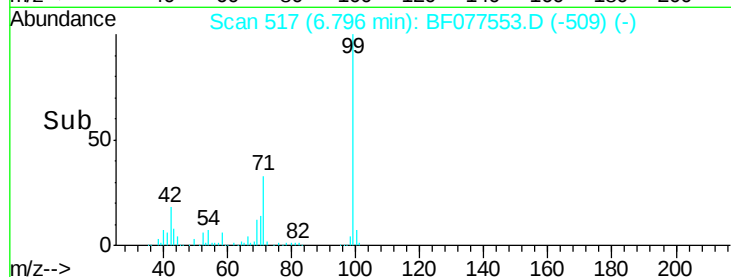
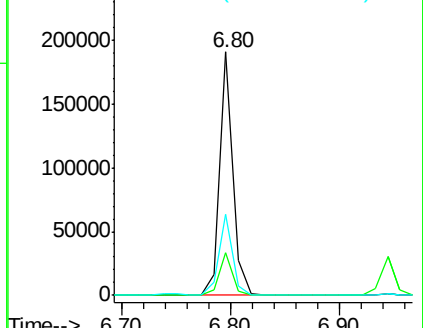
71 33.3 26.7 40.1



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



#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

Tgt Ion: 136 Resp: 197761

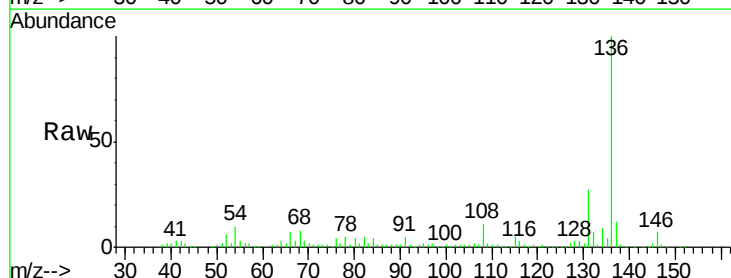
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 9.7 6.2 9.4#

68 7.8 5.0 7.6#

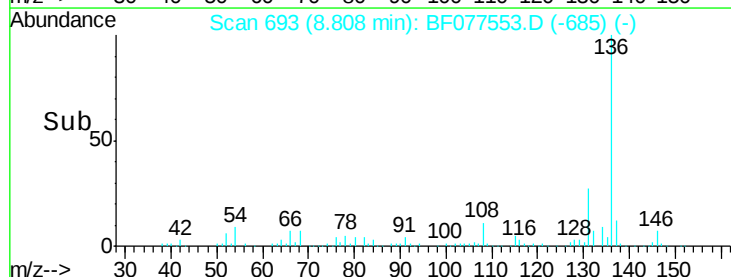
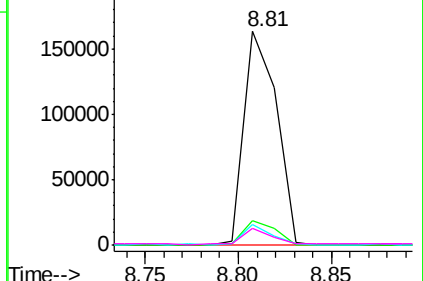


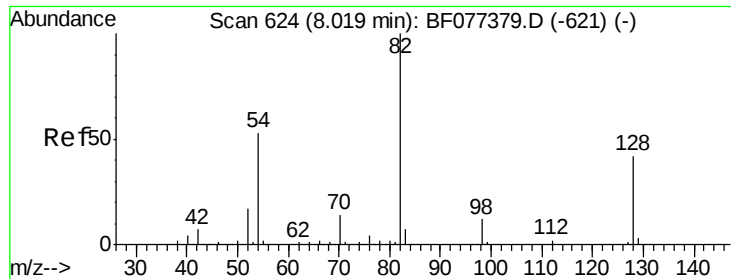
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

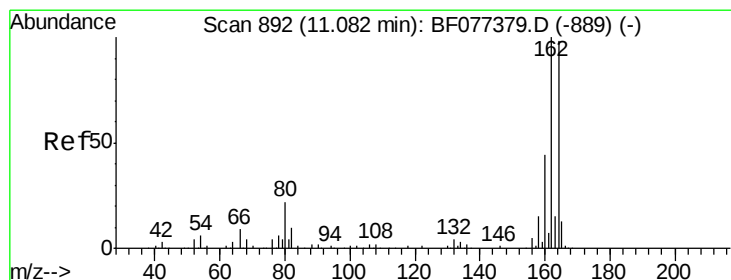
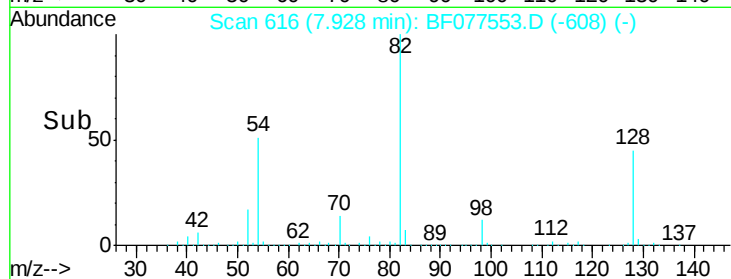
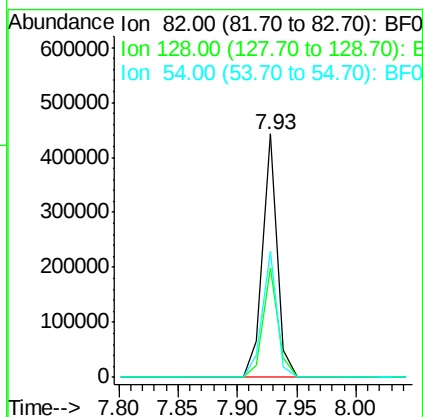
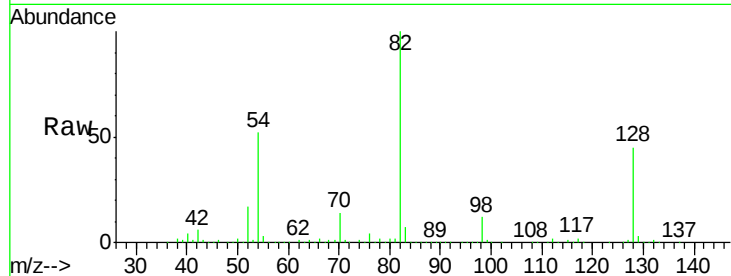




#23
Nitrobenzene-d5
Concen: 121.94 ng
RT: 7.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

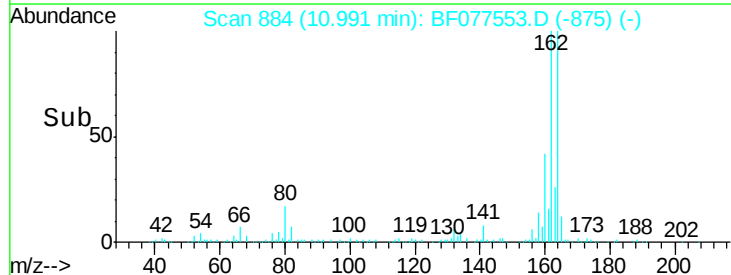
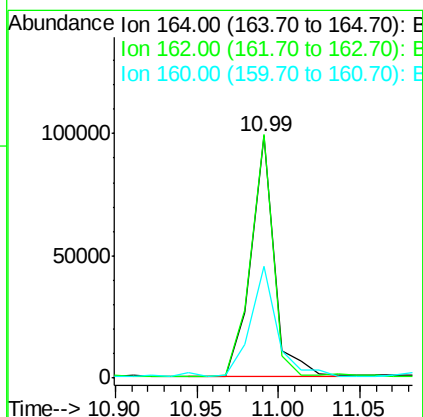
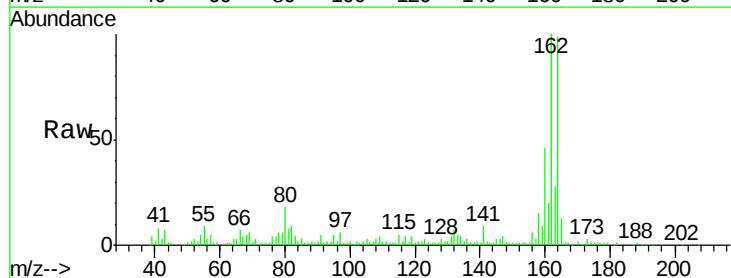
Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

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



#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

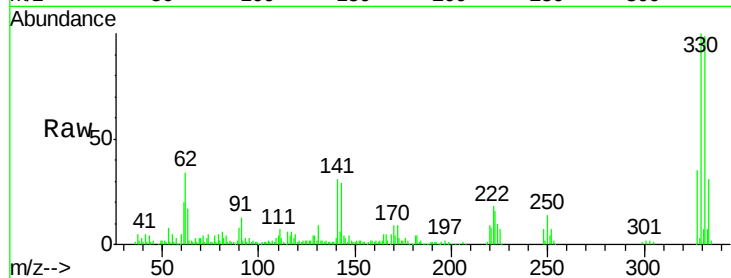




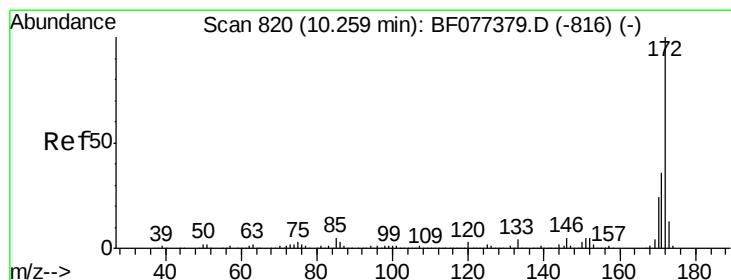
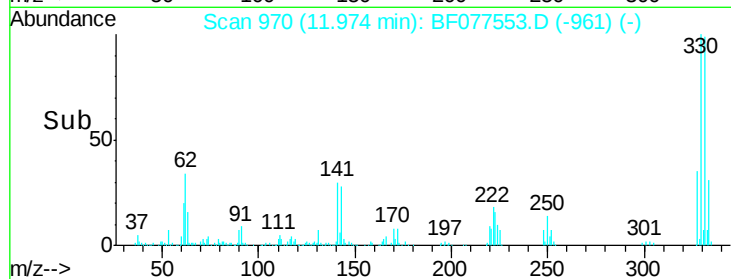
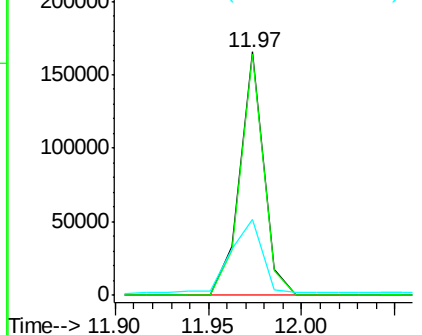
#41
 2,4,6-Tribromophenol
 Concen: 156.13 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

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

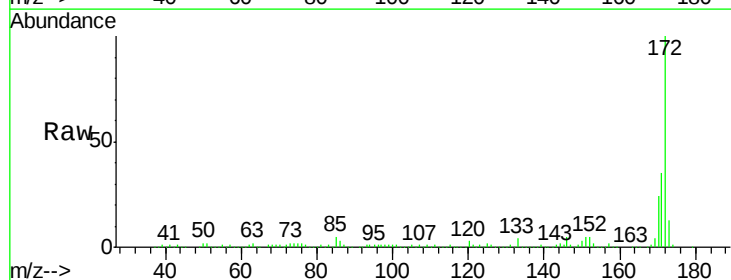


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

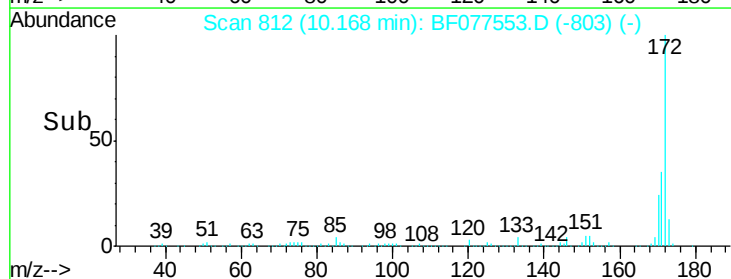
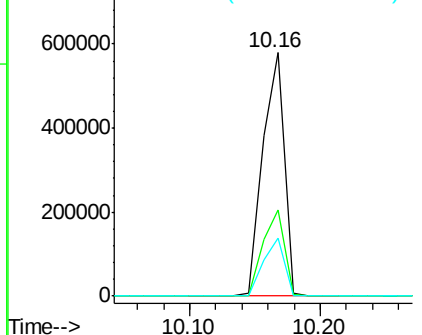


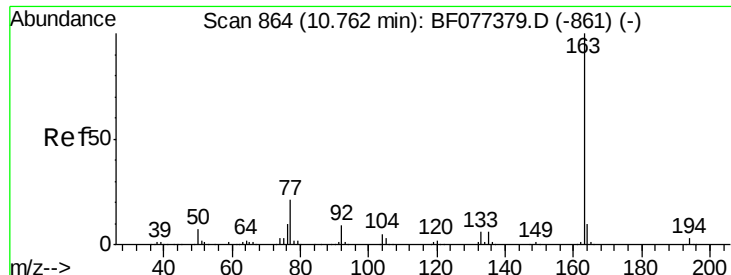
#44
 2-Fluorobiphenyl
 Concen: 105.23 ng
 RT: 10.16 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF077553.D
 Acq: 3 Mar 2015 18:48

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

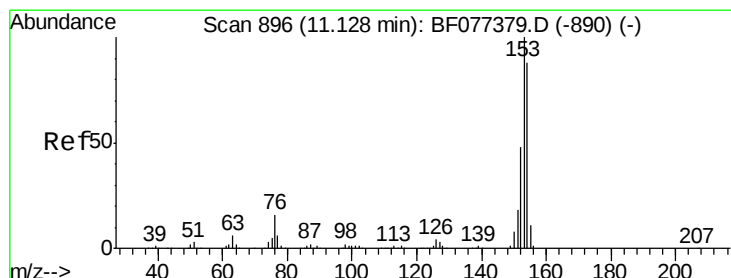
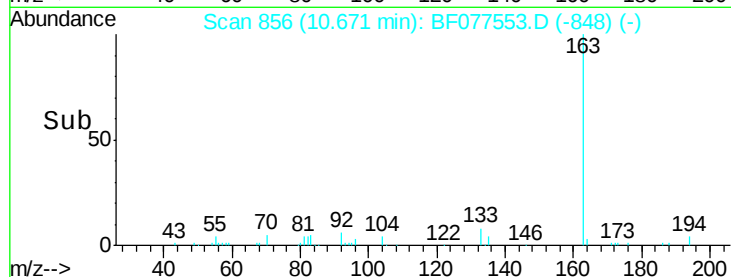
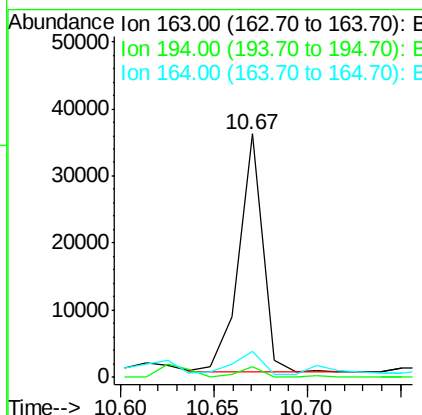
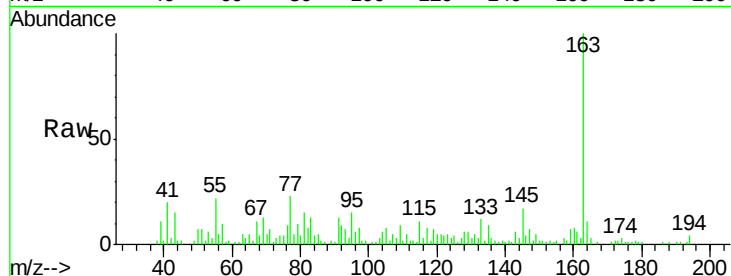




#49
Dimethylphthalate
Concen: 4.57 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

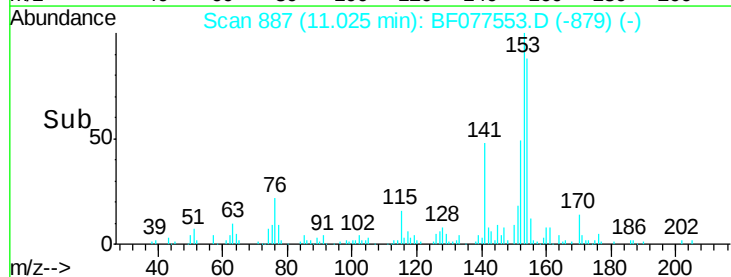
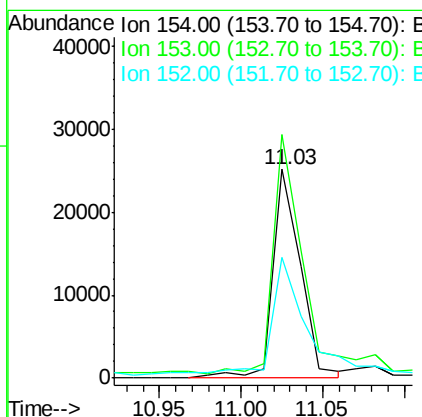
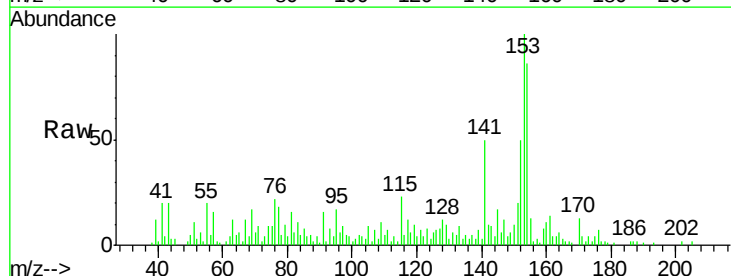
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ClientSampleId :
MW-06-2-27-15

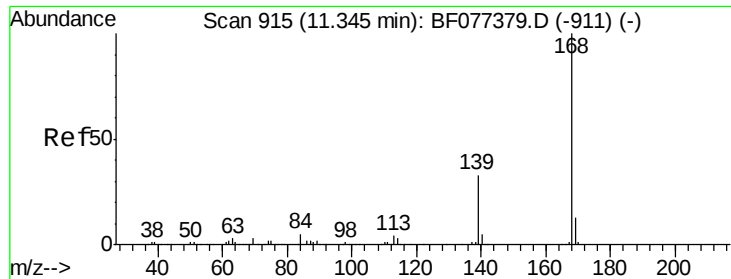
Tgt Ion:163 Resp: 31868
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 10.6 8.6 13.0



#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

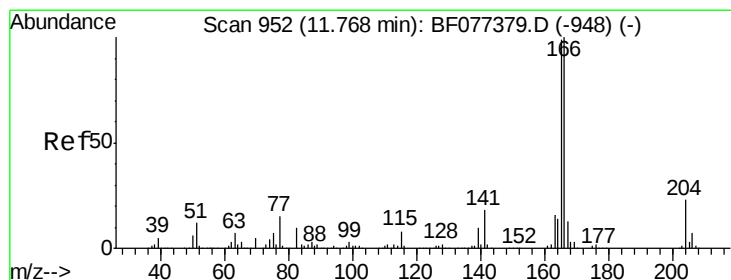
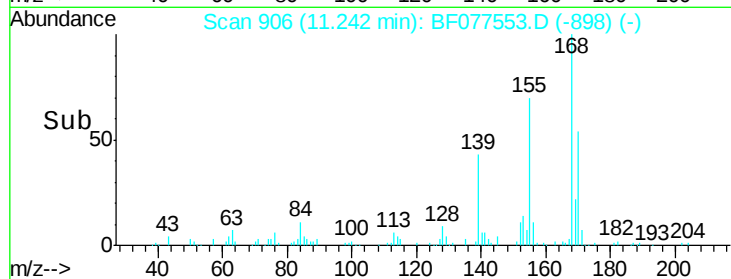
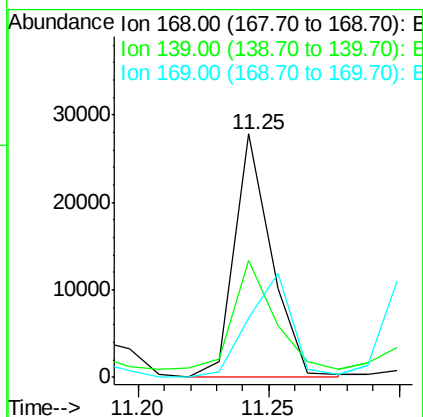
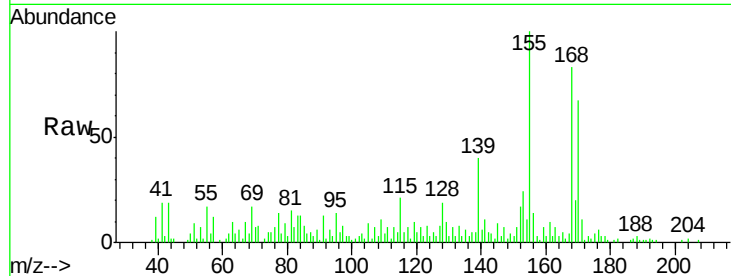




#54
Dibenzenofuran
Concen: 3.24 ng
RT: 11.25 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

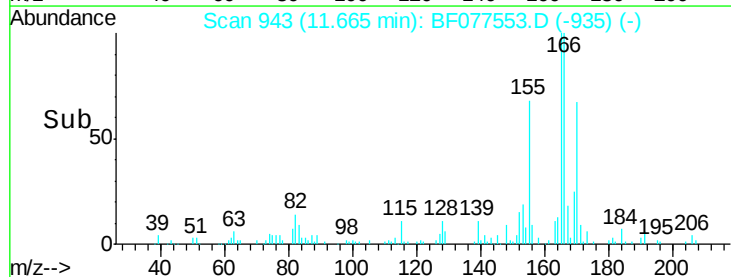
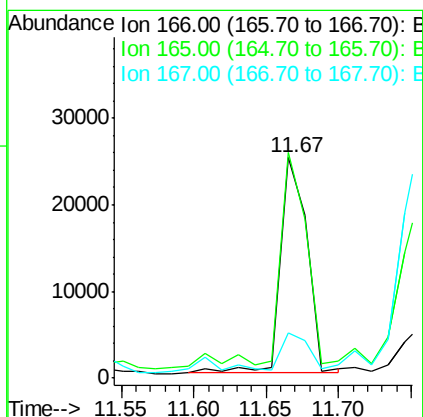
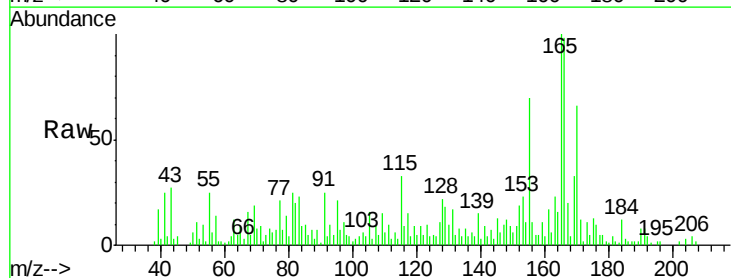
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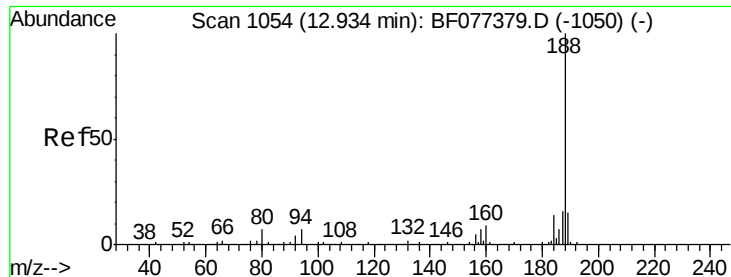
Tgt Ion:168 Resp: 27837
Ion Ratio Lower Upper
168 100
139 47.8 29.3 43.9#
169 24.5 10.9 16.3#



#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

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#

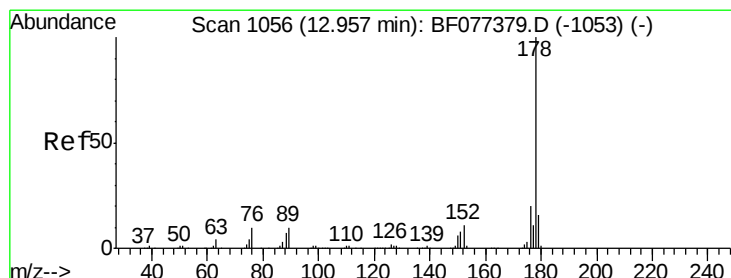
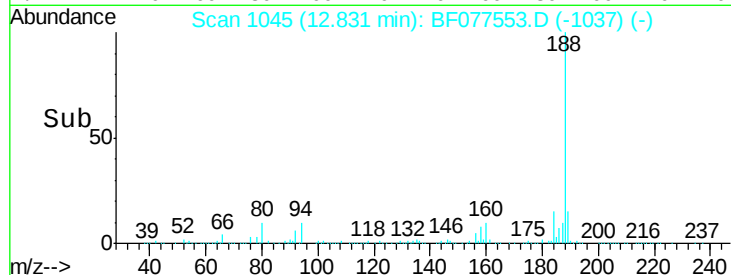
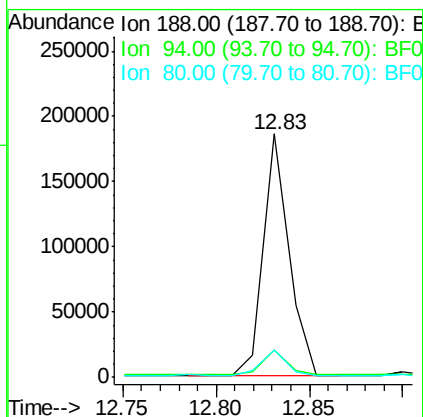
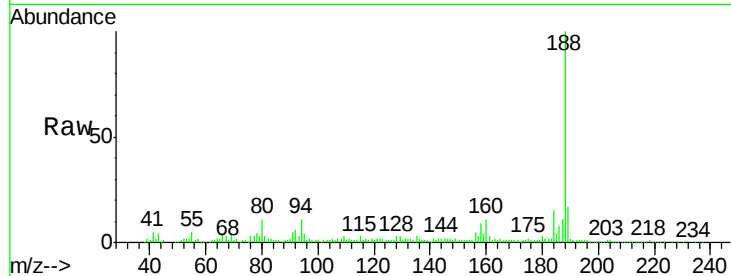




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

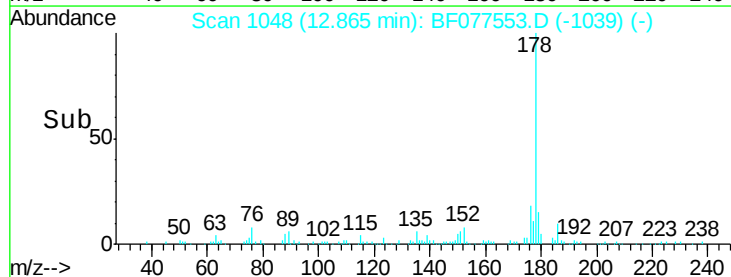
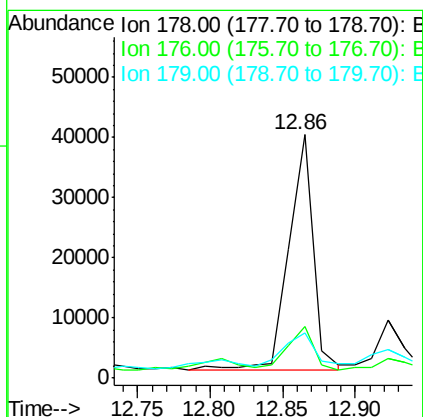
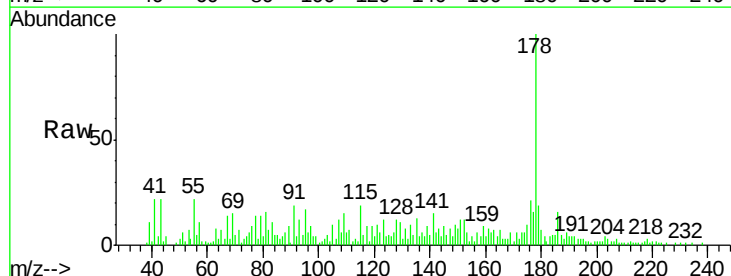
Instrument :
BNA_F
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MW-06-2-27-15

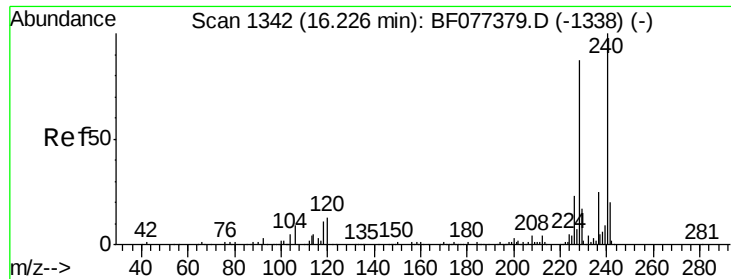
Tgt Ion:188 Resp: 176057
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 11.1 8.0 12.0



#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#

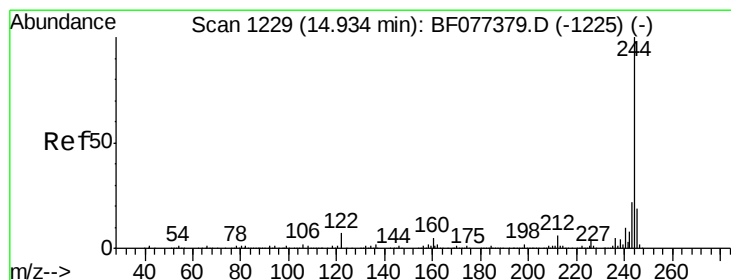
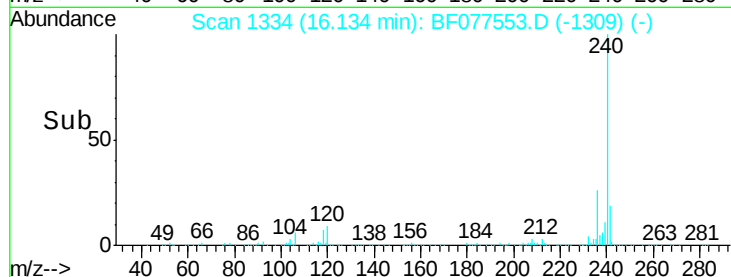
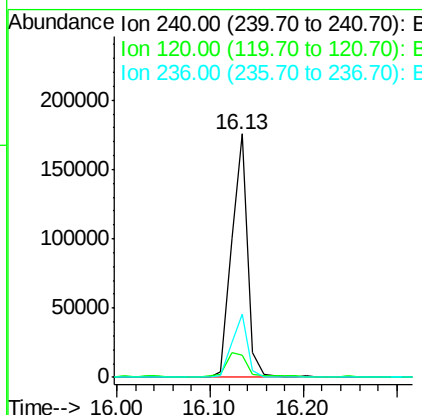
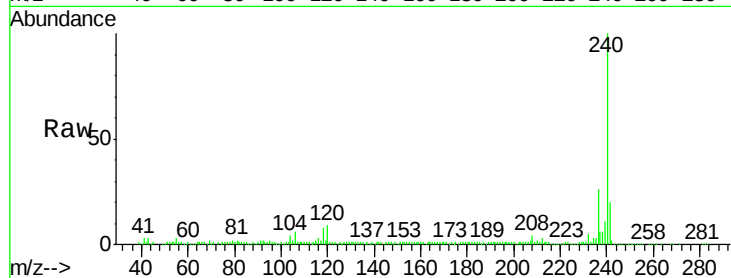




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF077553.D
Acq: 3 Mar 2015 18:48

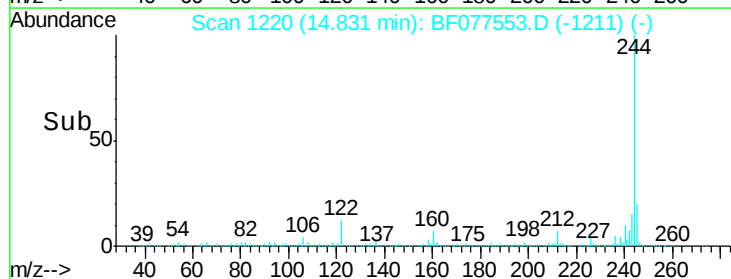
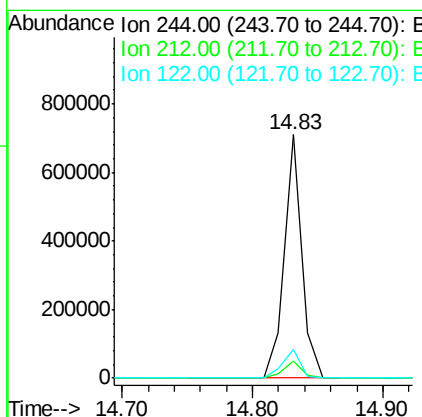
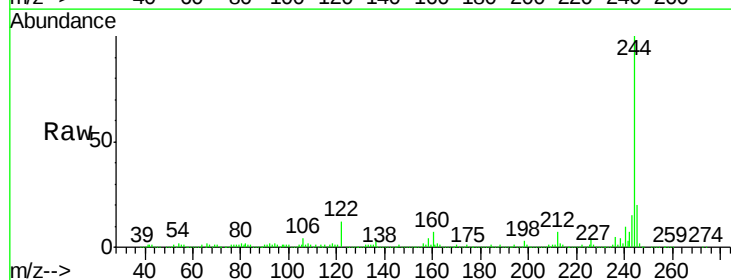
Instrument :
BNA_F
ClientSampleId :
MW-06-2-27-15

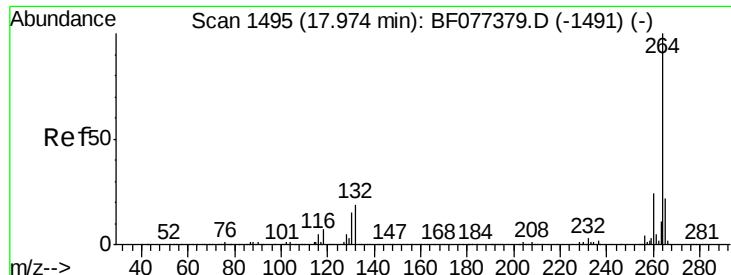
Tgt Ion:240 Resp: 204770
Ion Ratio Lower Upper
240 100
120 9.0 8.8 13.2
236 25.7 20.7 31.1



#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





#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

