

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077956.D
 Acq On : 25 Mar 2015 17:30
 Operator : TP/IZ
 Sample : G1612-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Mar 26 00:03:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

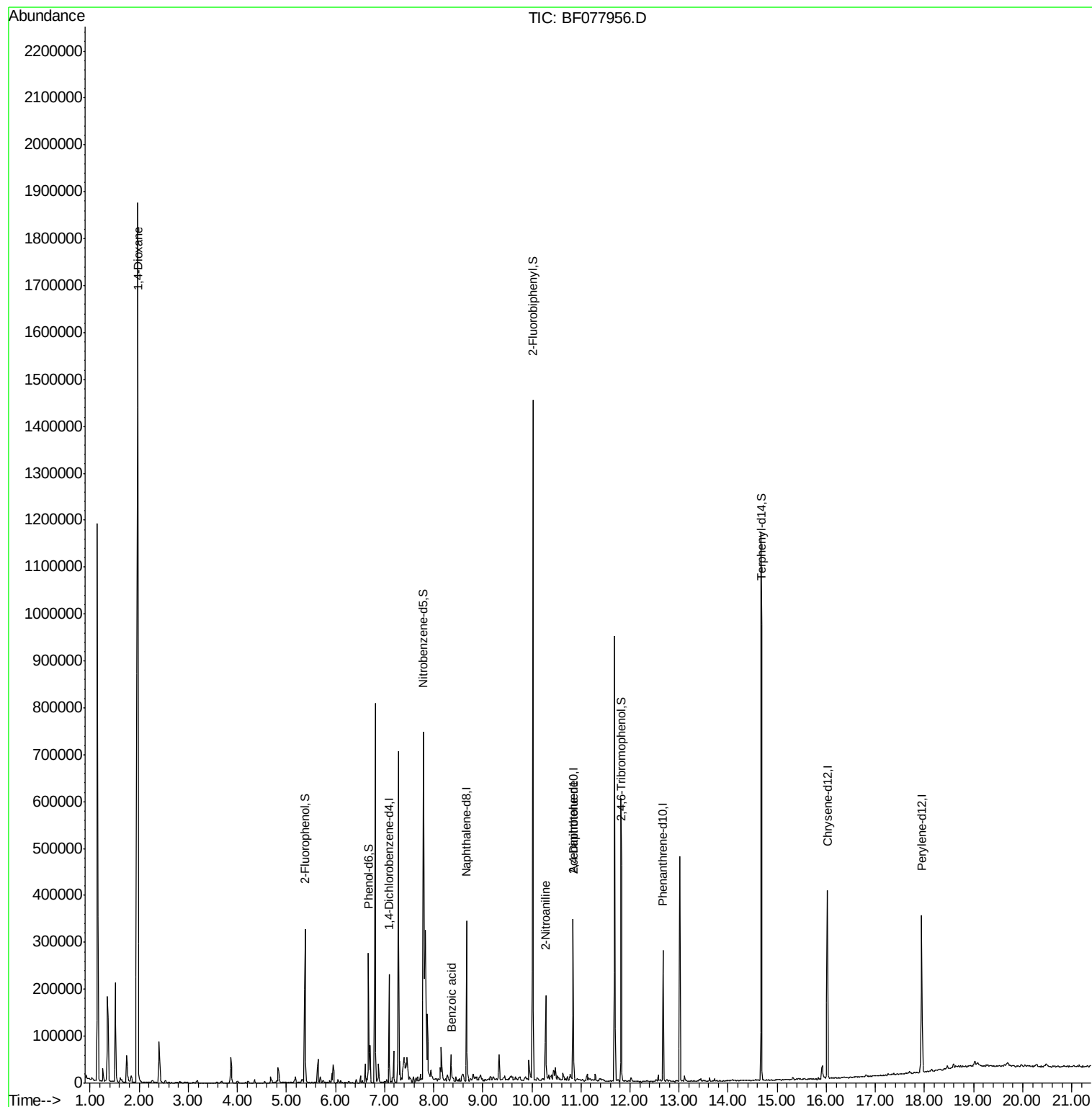
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	34825	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	146146	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	76579	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	147167	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	167218	20.00	ng	0.05
86) Perylene-d12	17.94	264	165885	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	124255	62.28	ng	0.00
7) Phenol-d6	6.67	99	98812	40.09	ng	0.00
23) Nitrobenzene-d5	7.79	82	202592	90.87	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	92910	126.81	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	438923	84.23	ng	0.00
78) Terphenyl-d14	14.68	244	554854	81.05	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.97	88	1212655	1338.74	ng	# 100
32) Benzoic acid	8.37	122	237	3.28	ng	# 82
47) 2-Nitroaniline	10.28	65	3712	3.00	ng	# 18
56) 2,4-Dinitrotoluene	10.84	165	6784	4.42	ng	# 11
76) Benzidine	14.35	184	913	Below Cal		# 68

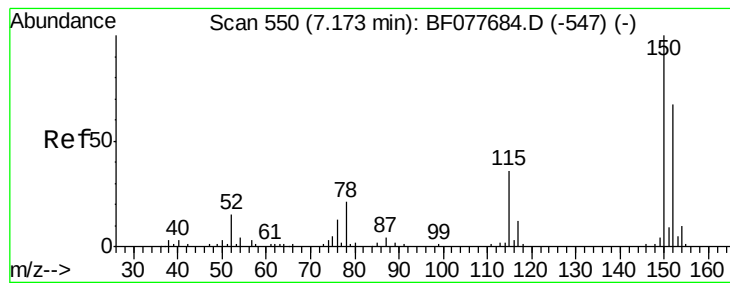
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077956.D
Acq On : 25 Mar 2015 17:30
Operator : TP/IZ
Sample : G1612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Mar 26 00:03:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration



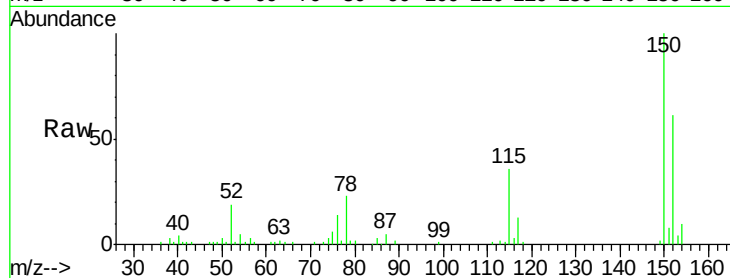


#1

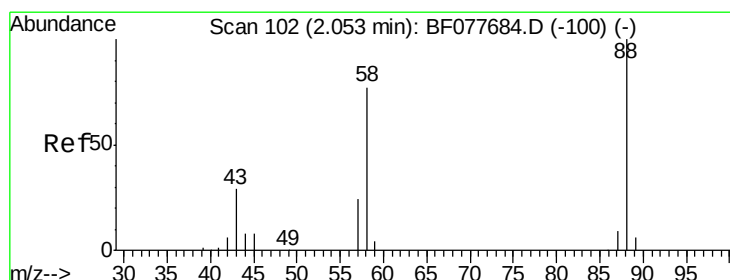
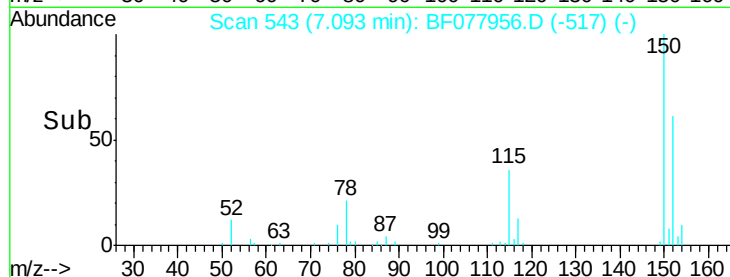
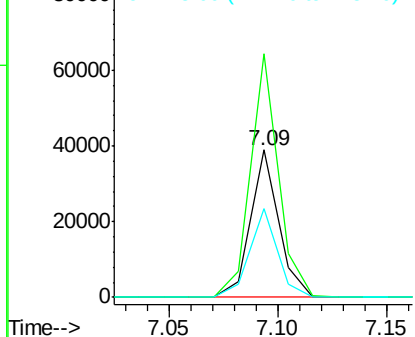
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 34825
Ion Ratio Lower Upper
152 100
150 165.2 119.5 179.3
115 60.1 43.0 64.4



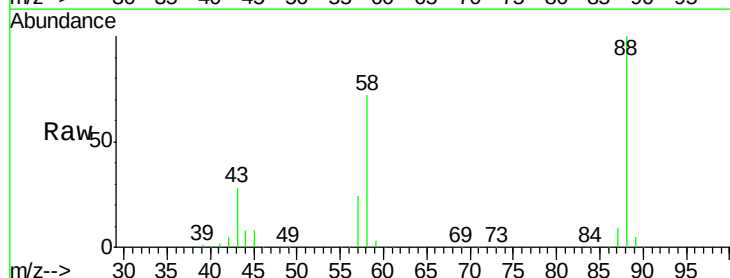
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



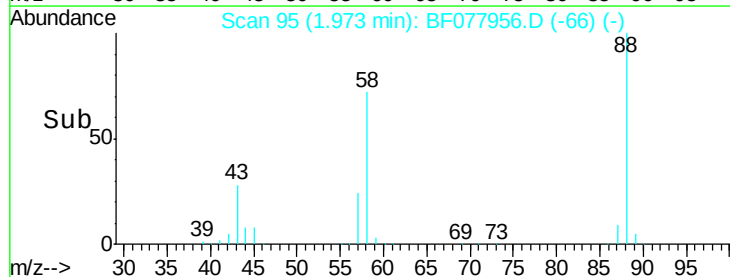
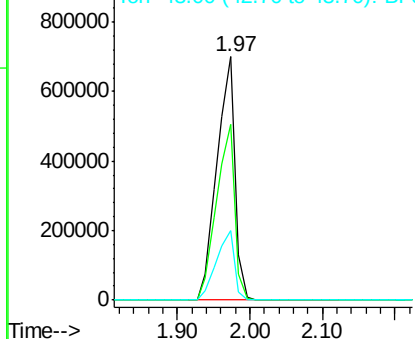
#2

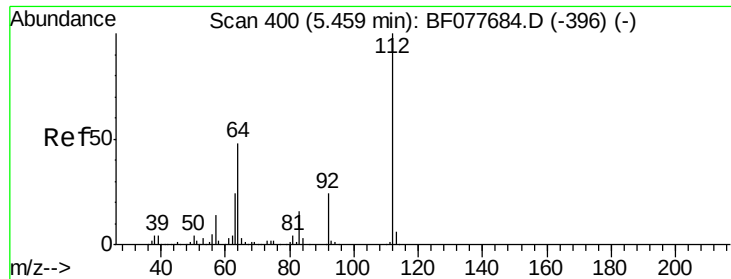
1,4-Dioxane
Concen: 1338.74 ng
RT: 1.97 min Scan# 95
Delta R.T. 0.03 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

Tgt Ion: 88 Resp: 1212655
Ion Ratio Lower Upper
88 100
58 72.5 0.0 0.0#
43 28.3 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 62.28 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077956.D

Acq: 25 Mar 2015 17:30

Instrument :

BNA_F

ClientSampleId :

MW-1

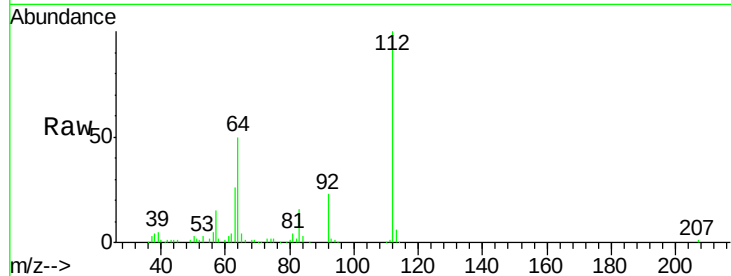
Tgt Ion: 112 Resp: 124255

Ion Ratio Lower Upper

112 100

64 50.4 38.6 57.8

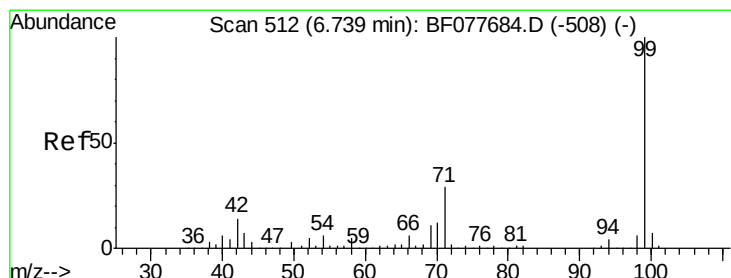
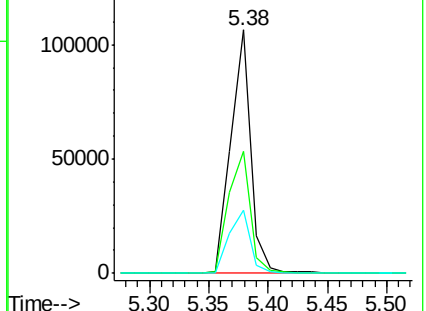
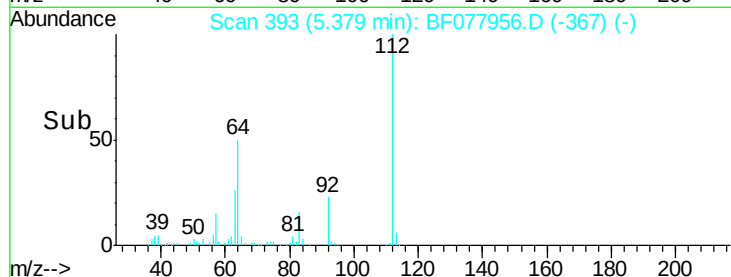
63 25.7 19.3 28.9



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: 40.09 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077956.D

Acq: 25 Mar 2015 17:30

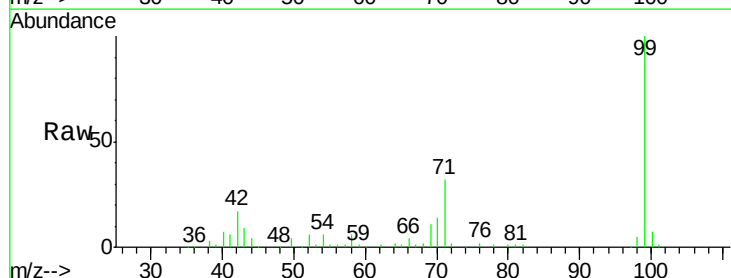
Tgt Ion: 99 Resp: 98812

Ion Ratio Lower Upper

99 100

42 17.2 11.0 16.4#

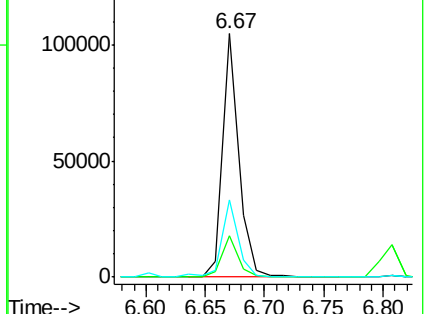
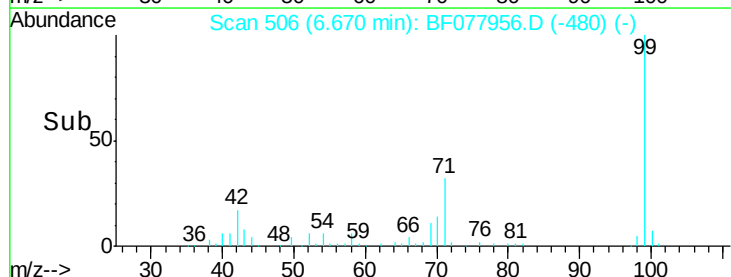
71 31.7 23.4 35.2

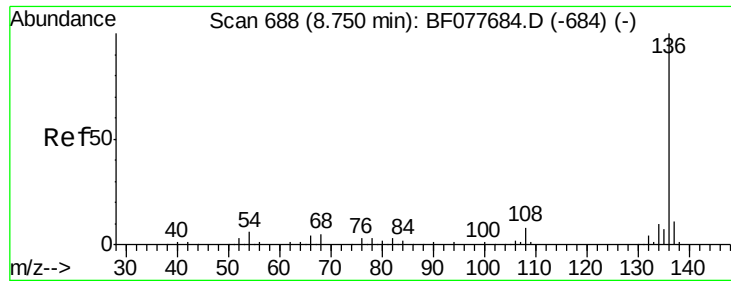


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

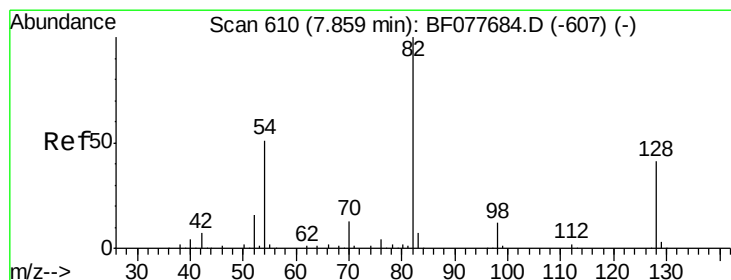
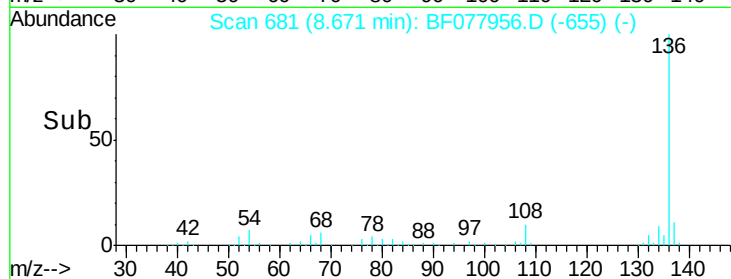
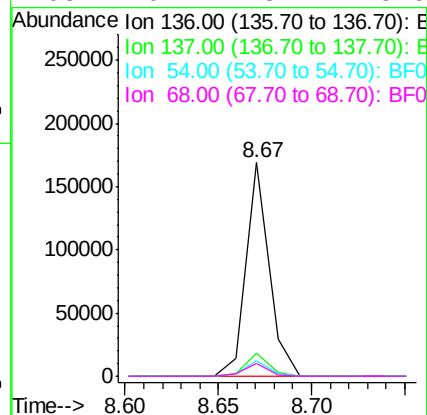
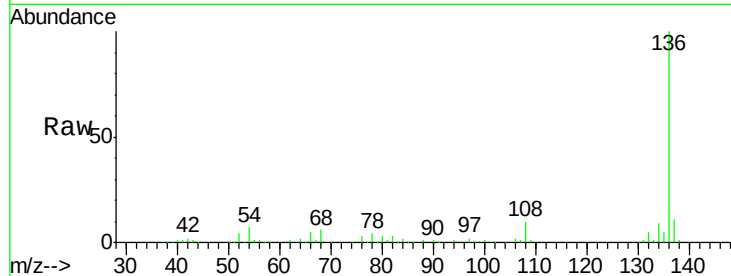




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

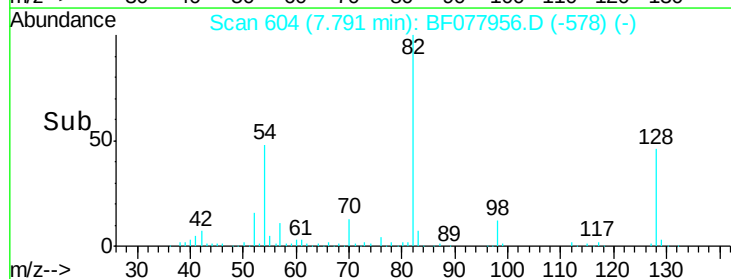
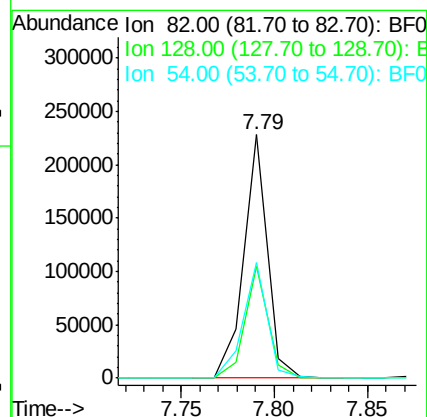
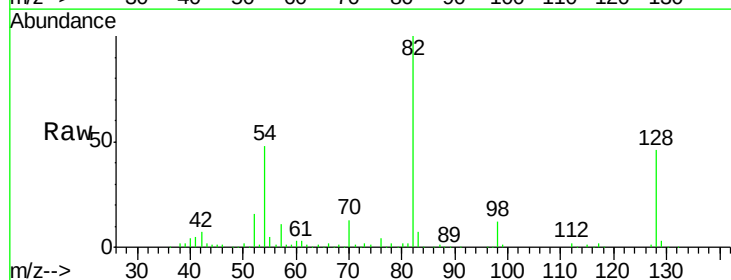
Instrument :
BNA_F
ClientSampleId :
MW-1

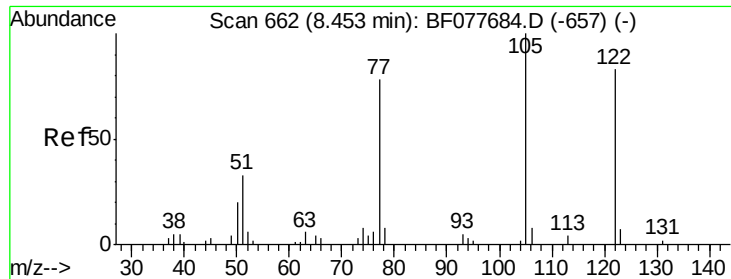
Tgt Ion:	136	Resp:	146146
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.4	4.6	6.8#
68	6.1	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 90.87 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

Tgt Ion:	82	Resp:	202592
Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.8	49.2
54	47.7	40.6	60.8

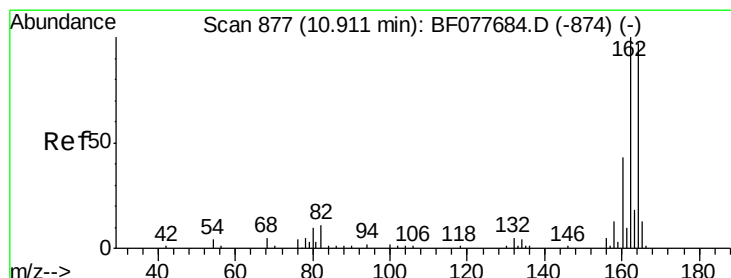
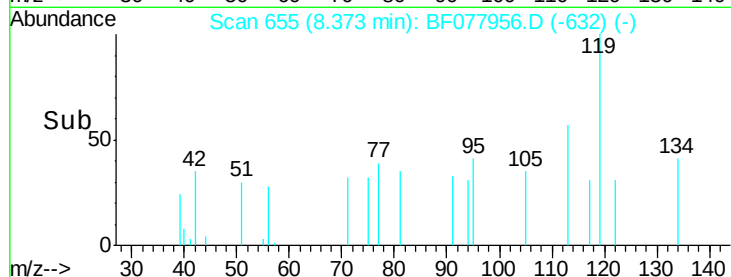
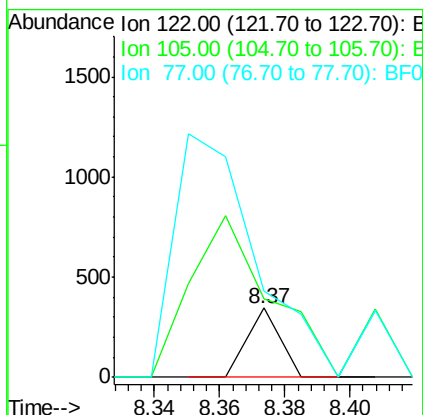
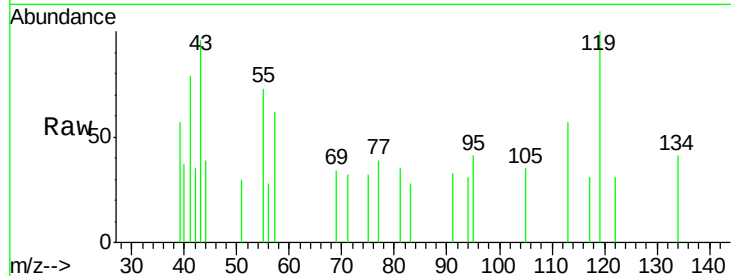




#32
Benzoic acid
Concen: 3.28 ng
RT: 8.37 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

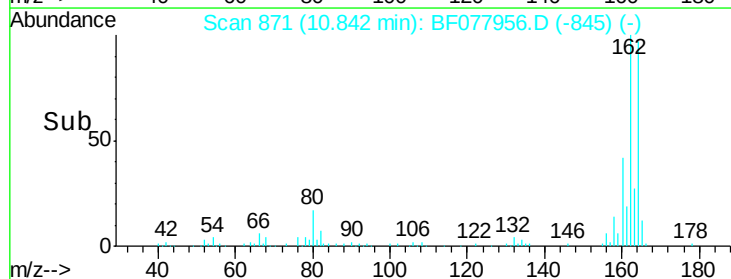
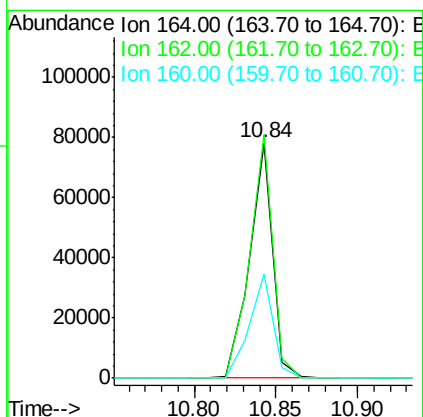
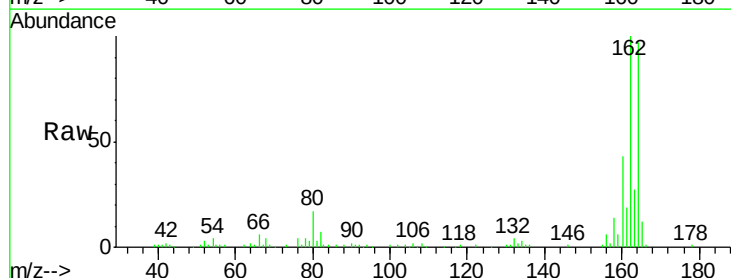
Instrument :
BNA_F
ClientSampleId :
MW-1

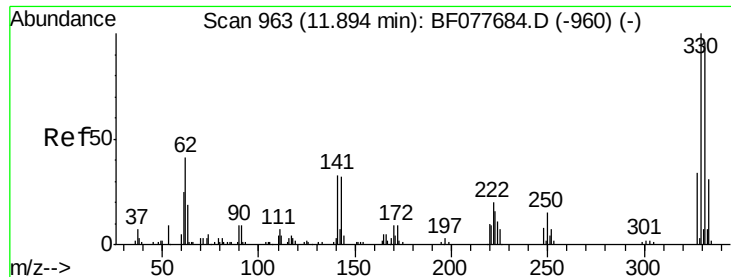
Tgt Ion:122 Resp: 237
Ion Ratio Lower Upper
122 100
105 112.4 99.9 139.9
77 125.1 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

Tgt Ion:164 Resp: 76579
Ion Ratio Lower Upper
164 100
162 103.6 82.4 123.6
160 44.5 35.8 53.6

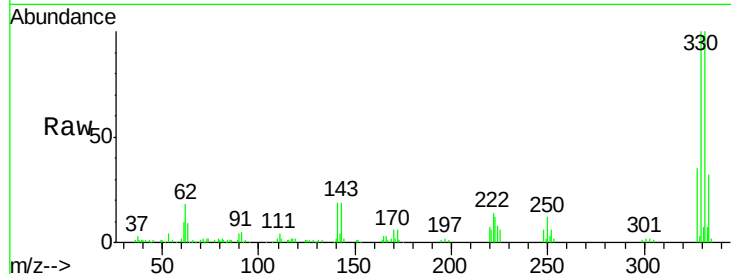




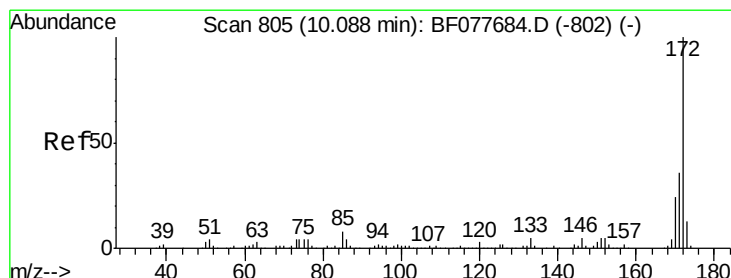
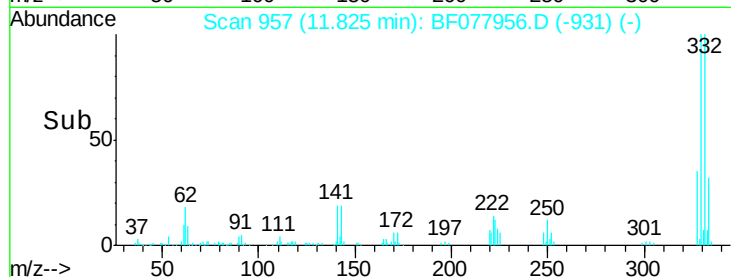
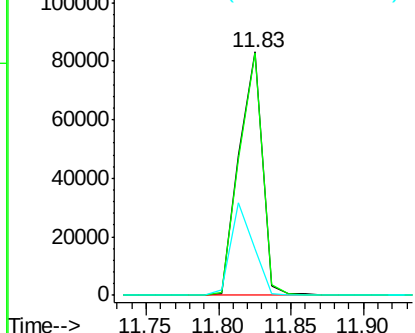
#41
 2,4,6-Tribromophenol
 Concen: 126.81 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077956.D
 Acq: 25 Mar 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 92910
 Ion Ratio Lower Upper
 330 100
 332 99.2 0.0 0.0#
 141 37.0 0.0 0.0#

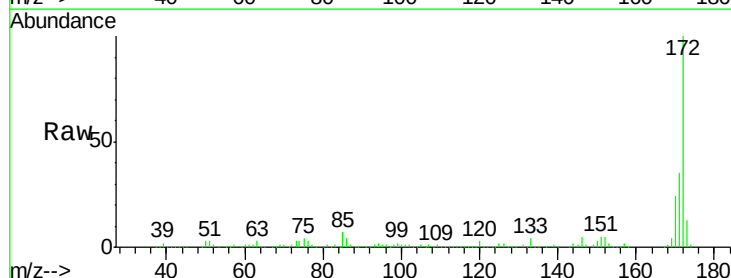


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

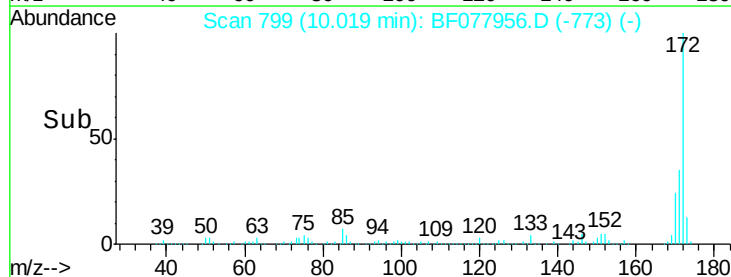
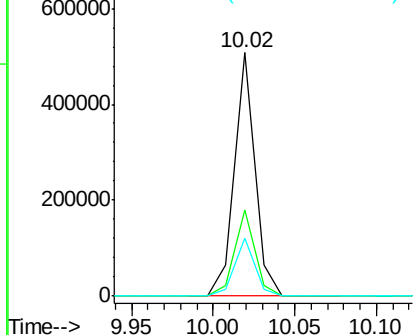


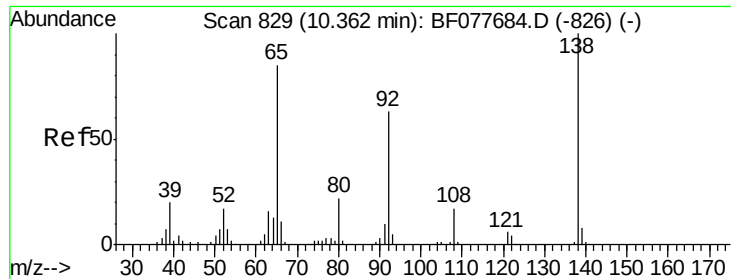
#44
 2-Fluorobiphenyl
 Concen: 84.23 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077956.D
 Acq: 25 Mar 2015 17:30

Tgt Ion:172 Resp: 438923
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.6 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

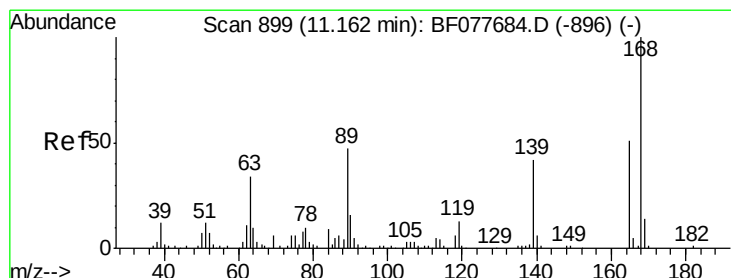
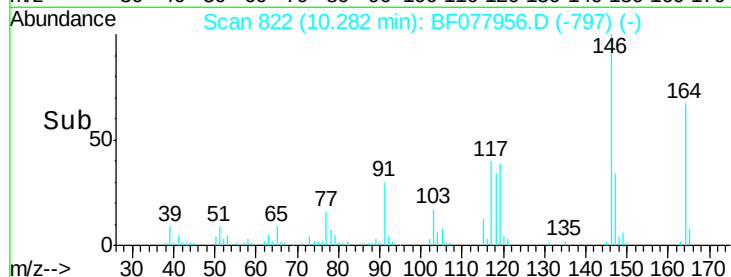
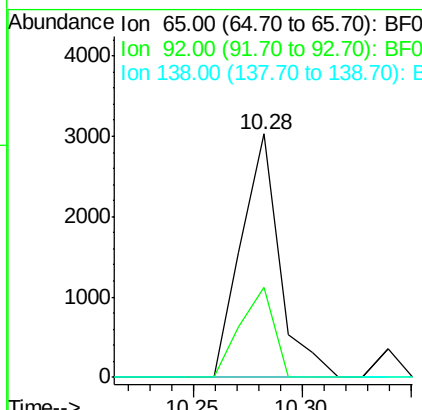
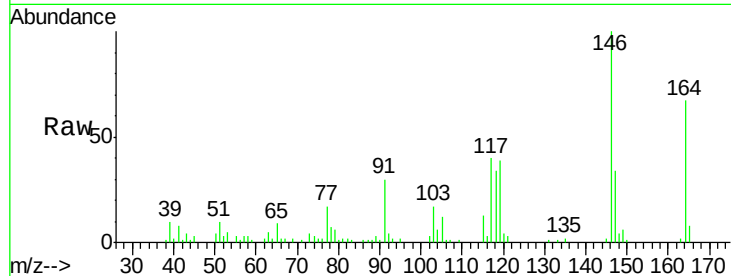




#47
2-Nitroaniline
Concen: 3.00 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

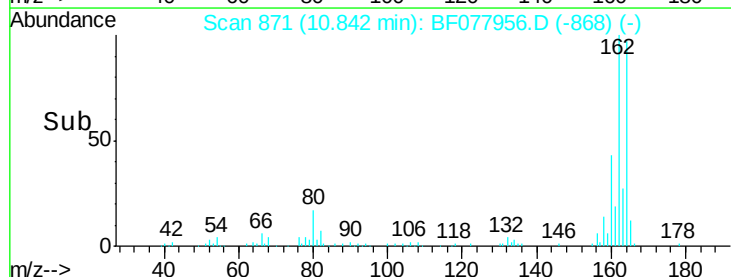
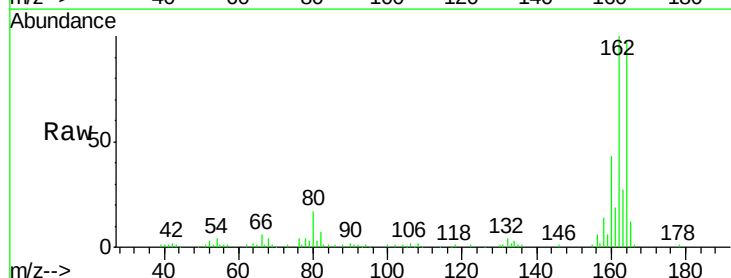
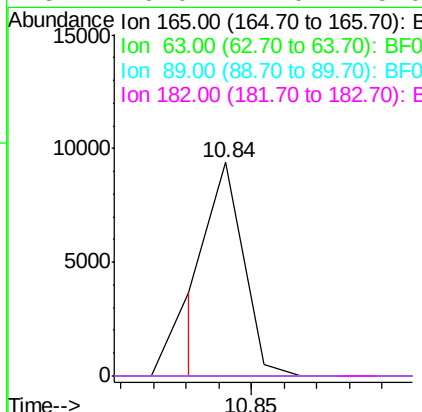
Instrument :
BNA_F
ClientSampleId :
MW-1

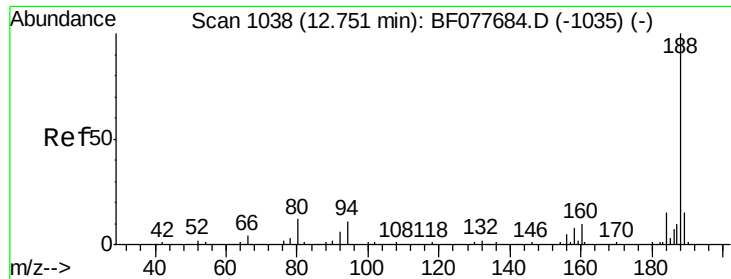
Tgt Ion: 65 Resp: 3712
Ion Ratio Lower Upper
65 100
92 37.1 59.1 88.7#
138 0.0 93.9 140.9#



#56
2,4-Dinitrotoluene
Concen: 4.42 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.26 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

Tgt Ion: 165 Resp: 6784
Ion Ratio Lower Upper
165 100
63 0.0 52.4 78.6#
89 0.0 72.4 108.6#
182 0.0 2.0 3.0#

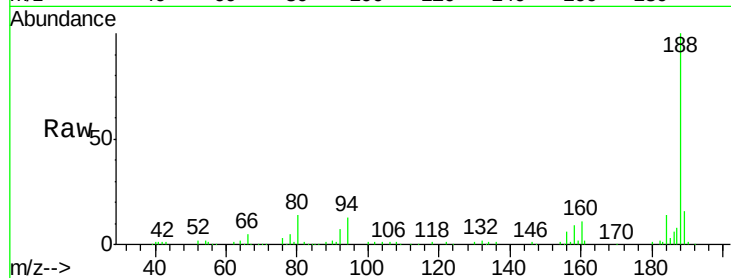




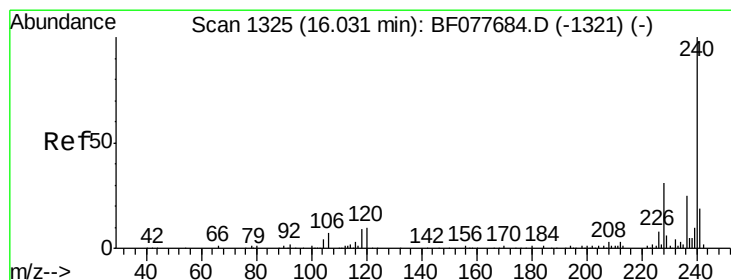
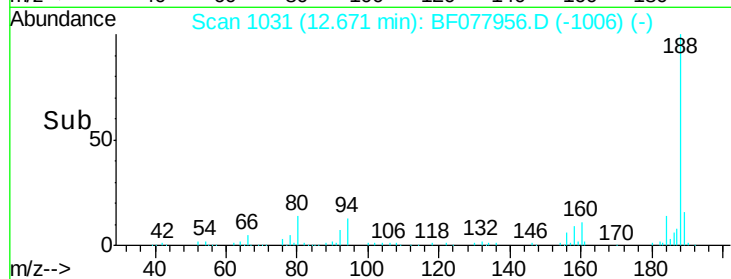
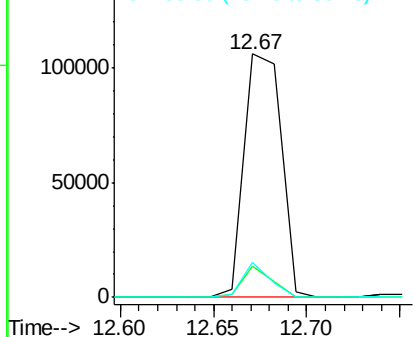
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

Instrument :
BNA_F
ClientSampled :
MW-1

Tgt Ion:188 Resp: 147167
Ion Ratio Lower Upper
188 100
94 12.8 8.7 13.1
80 14.3 9.3 13.9#

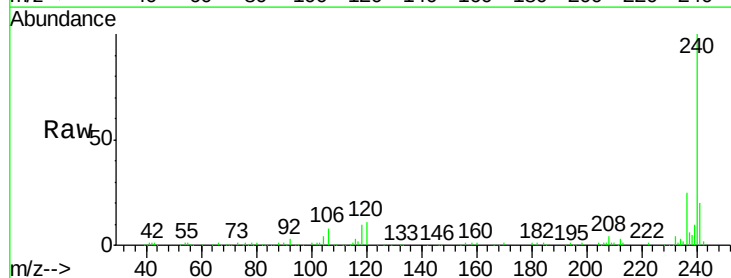


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

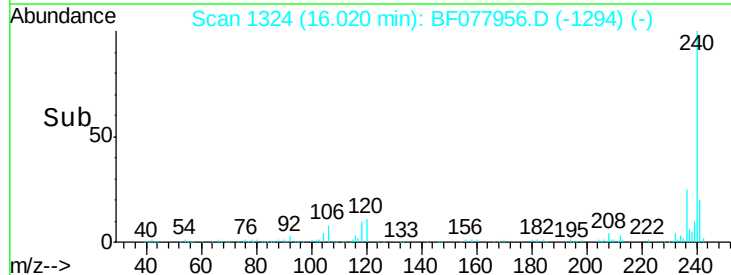
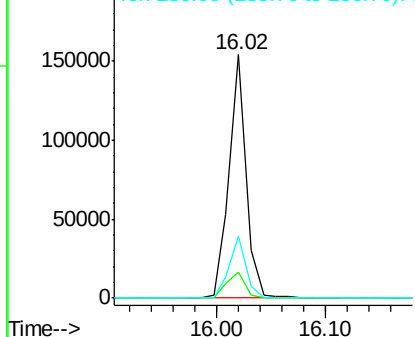


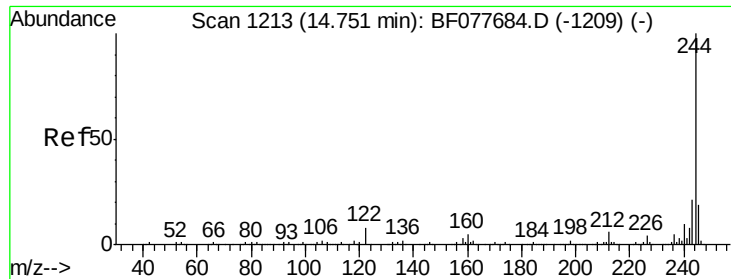
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.05 min
Lab File: BF077956.D
Acq: 25 Mar 2015 17:30

Tgt Ion:240 Resp: 167218
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 25.2 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

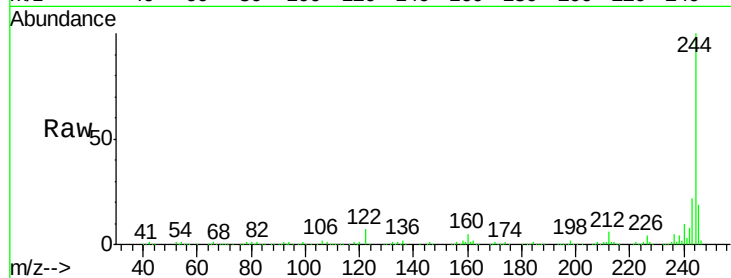




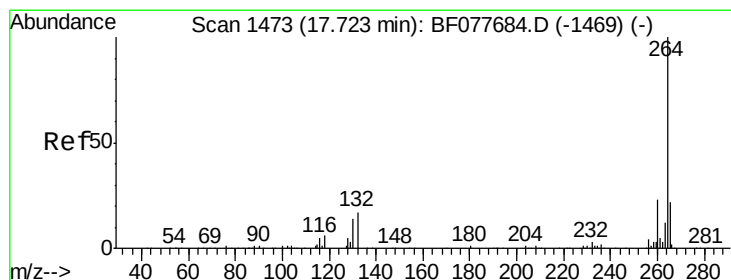
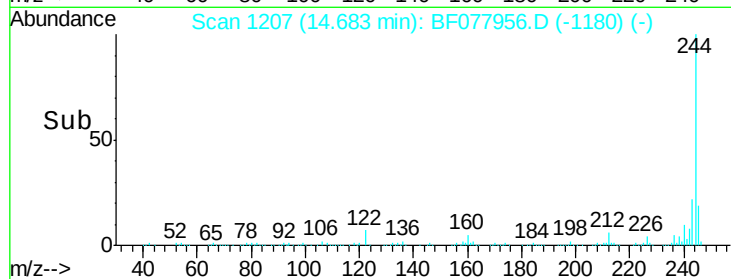
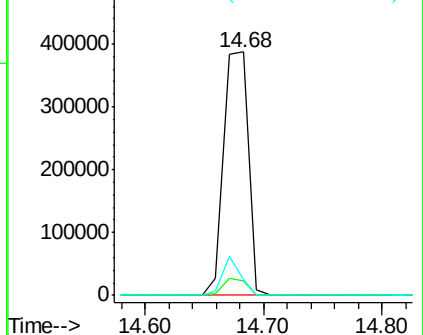
#78
 Terphenyl-d14
 Concen: 81.05 ng
 RT: 14.68 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF077956.D
 Acq: 25 Mar 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion: 244 Resp: 554854
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.9 7.3
 122 6.7 6.2 9.4

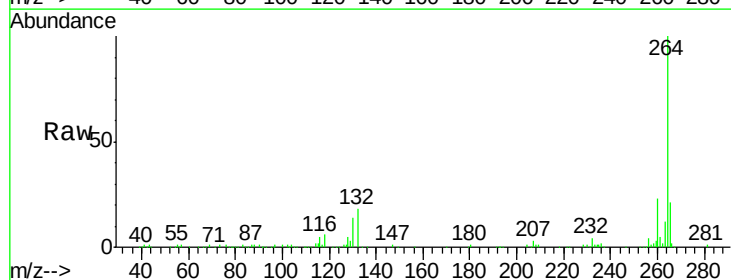


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.94 min Scan# 1492
 Delta R.T. 0.19 min
 Lab File: BF077956.D
 Acq: 25 Mar 2015 17:30

Tgt Ion: 264 Resp: 165885
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.2 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

