

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077958.D
 Acq On : 25 Mar 2015 18:28
 Operator : TP/IZ
 Sample : G1612-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Mar 26 03:55:57 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

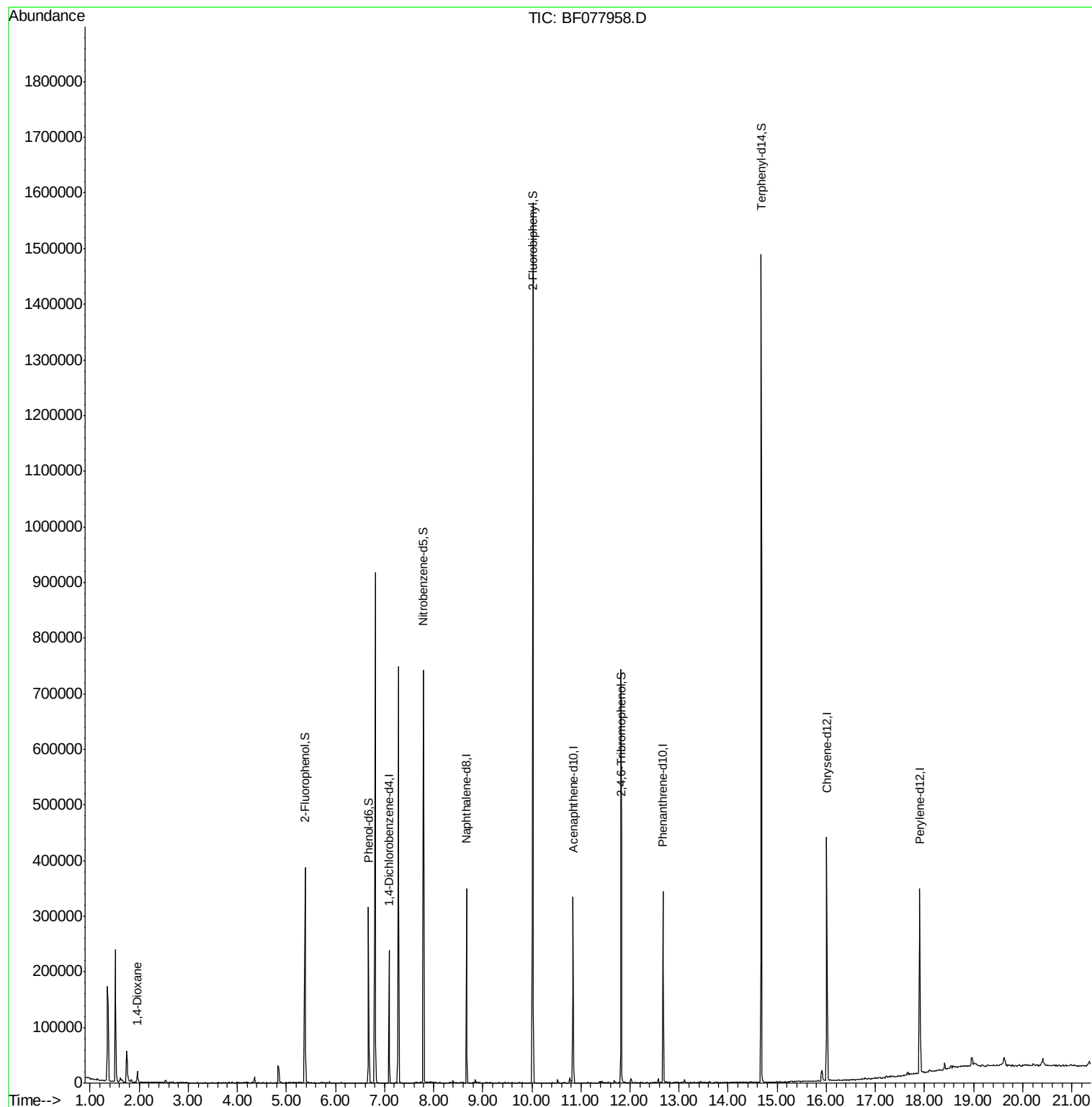
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36700	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	153740	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	78293	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	159805	20.00	ng	-0.01
75) Chrysene-d12	16.01	240	182028	20.00	ng	0.03
86) Perylene-d12	17.91	264	174202	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	140605	66.87	ng	0.00
7) Phenol-d6	6.67	99	112639	43.36	ng	0.00
23) Nitrobenzene-d5	7.79	82	229492	97.85	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	104724	139.80	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	485952	91.22	ng	0.00
78) Terphenyl-d14	14.67	244	639465	85.81	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.96	88	9938	10.41	ng	Qvalue # 100

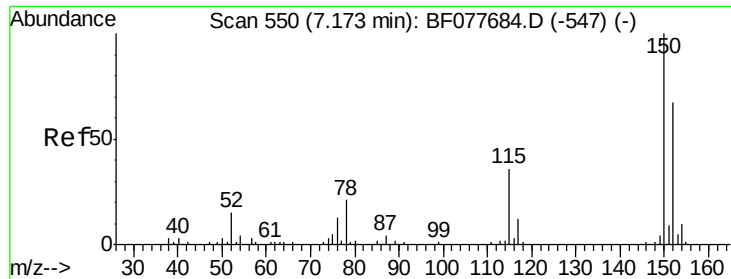
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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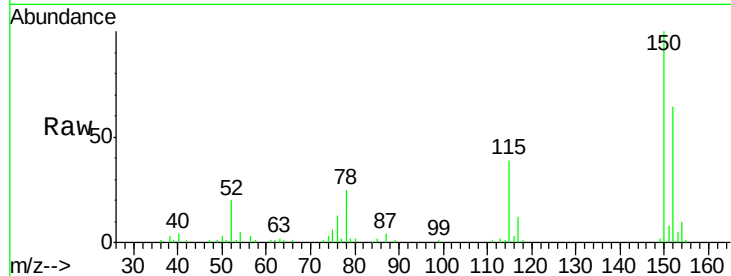


#1

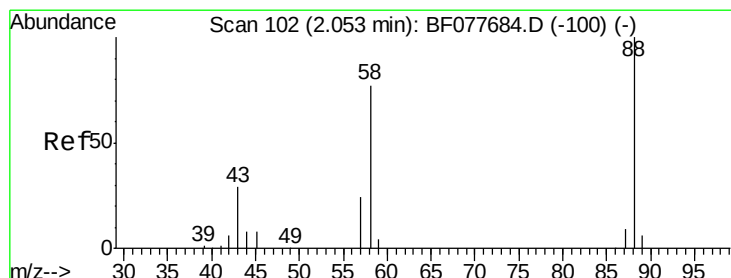
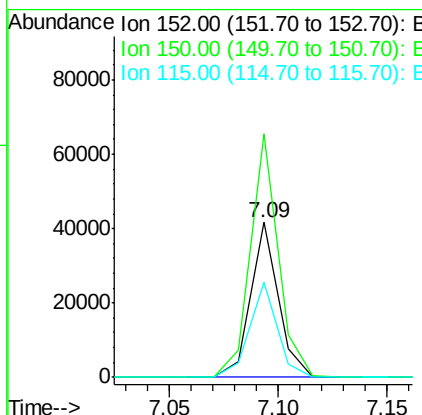
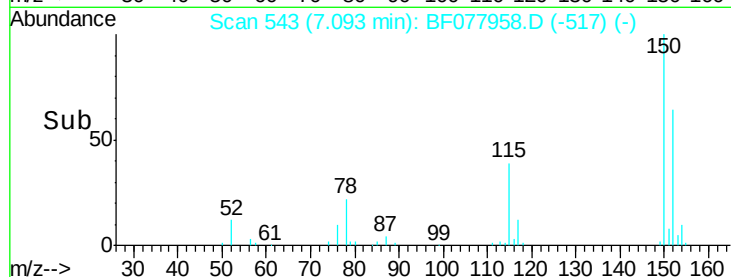
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

Instrument :
BNA_F
ClientSampled :
MW-3

Tot Ion:152 Resp: 36700
Ion Ratio Lower Upper
152 100
150 157.0 119.5 179.3
115 61.0 43.0 64.4



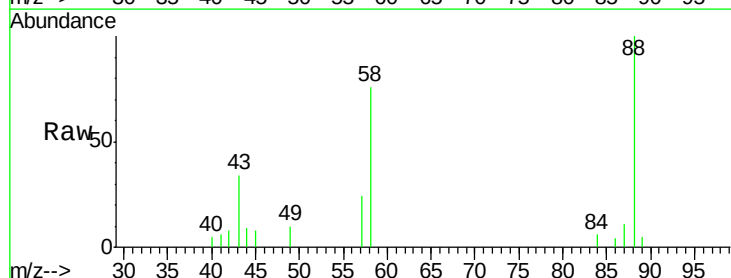
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



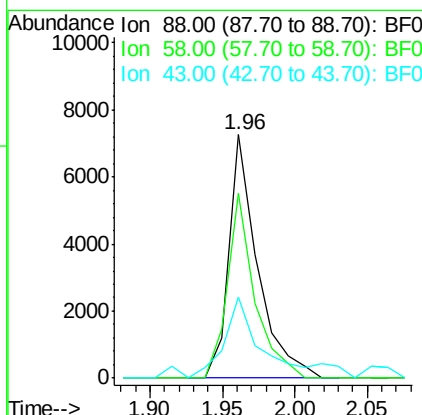
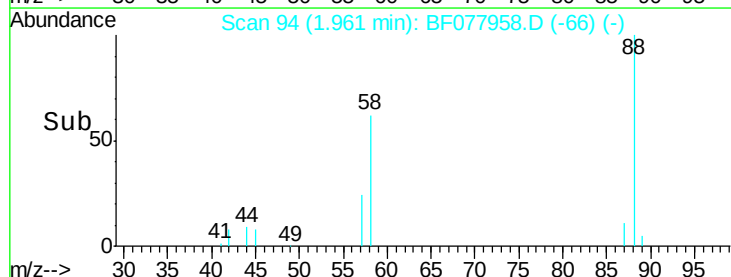
#2

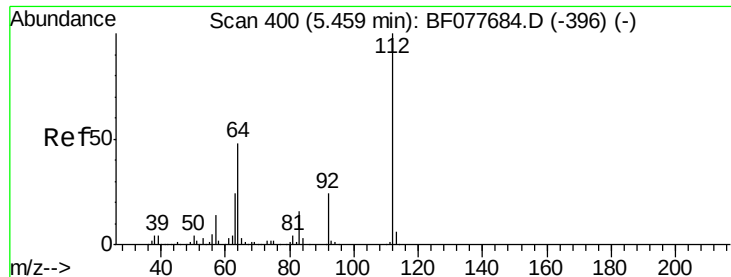
1,4-Dioxane
Concen: 10.41 ng
RT: 1.96 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

Tgt Ion: 88 Resp: 9938
Ion Ratio Lower Upper
88 100
58 72.4 0.0 0.0#
43 49.0 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: 66.87 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077958.D

Acq: 25 Mar 2015 18:28

Instrument :

BNA_F

ClientSampleId :

MW-3

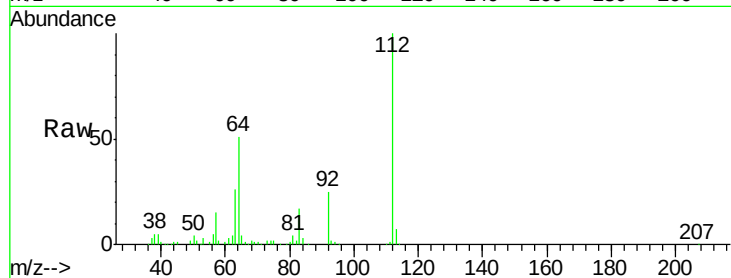
Tot Ion:112 Resp: 140605

Ion Ratio Lower Upper

112 100

64 51.2 38.6 57.8

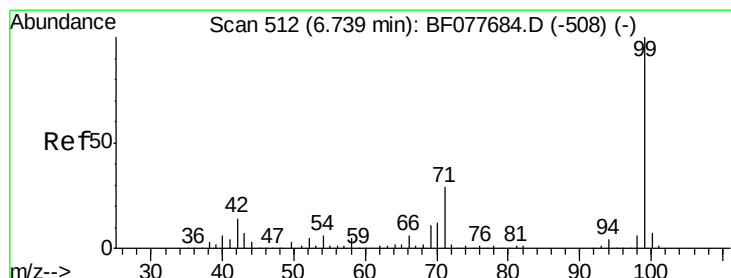
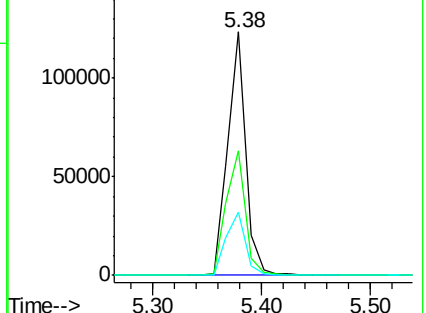
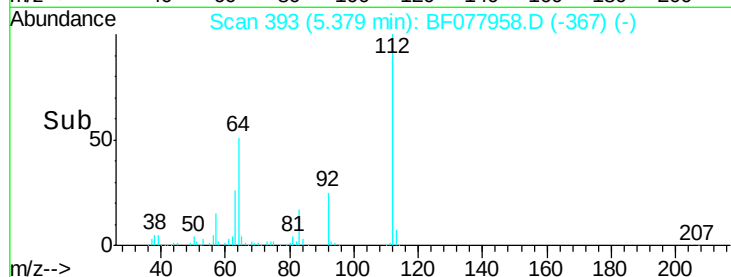
63 25.9 19.3 28.9



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: 43.36 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077958.D

Acq: 25 Mar 2015 18:28

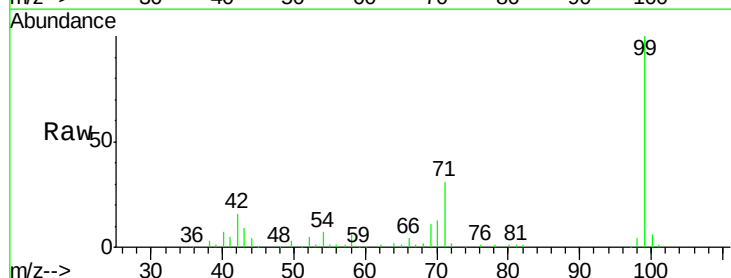
Tgt Ion: 99 Resp: 112639

Ion Ratio Lower Upper

99 100

42 16.3 11.0 16.4

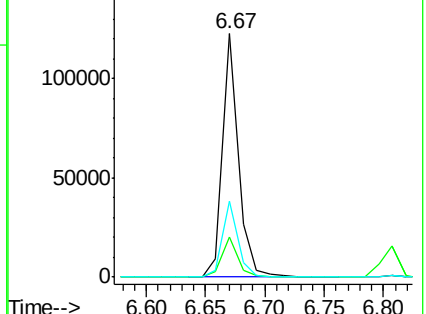
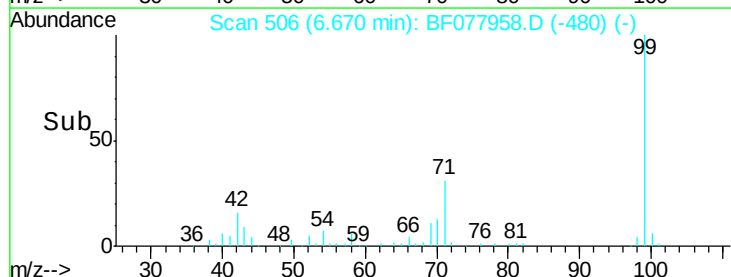
71 31.2 23.4 35.2

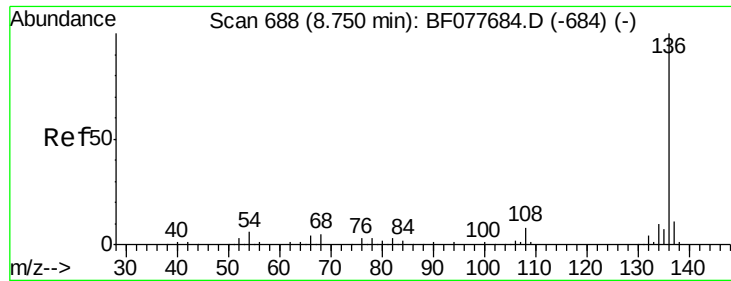


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

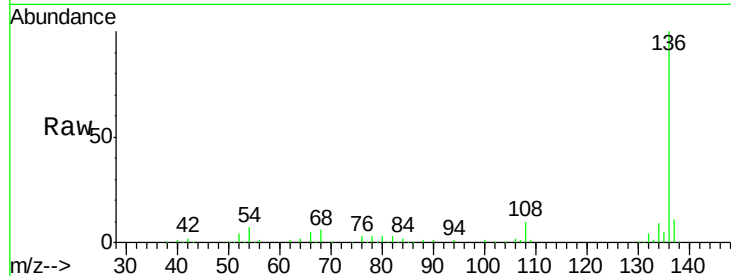




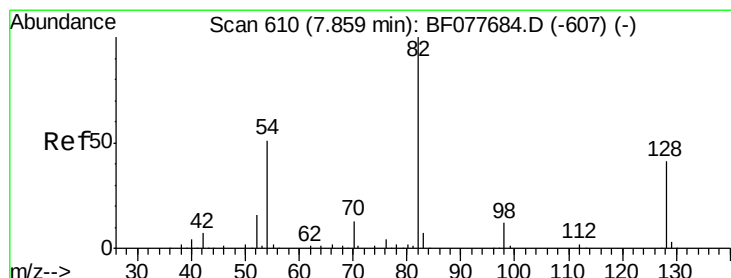
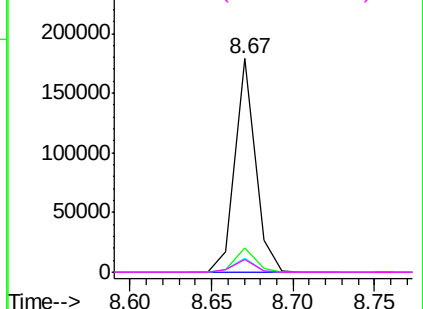
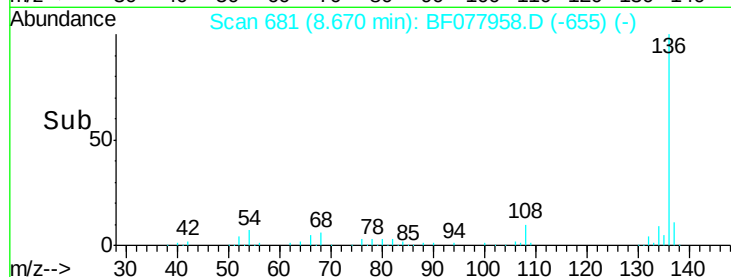
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:136	Resp:	153740
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	6.9	4.6 6.8#
68	5.7	3.7 5.5#

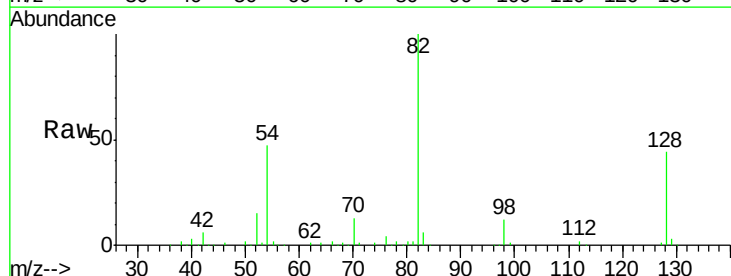


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

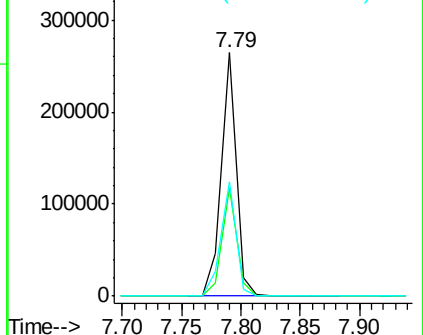
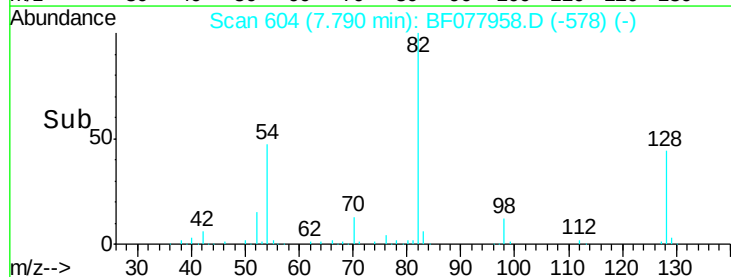


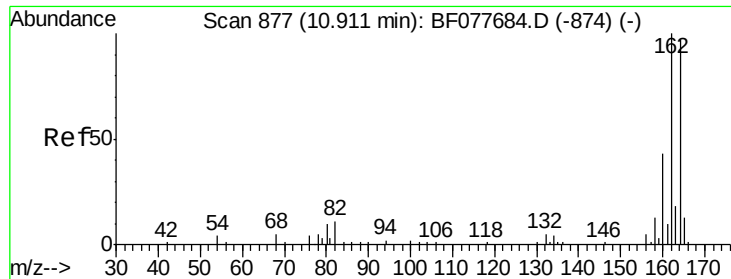
#23
Nitrobenzene-d5
Concen: 97.85 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

Tgt Ion: 82	Resp:	229492
Ion	Ratio	Lower Upper
82	100	
128	44.4	32.8 49.2
54	47.2	40.6 60.8



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

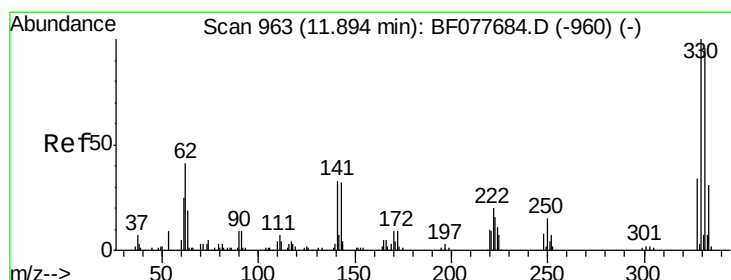
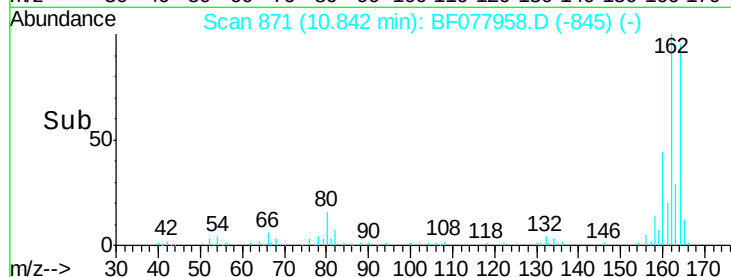
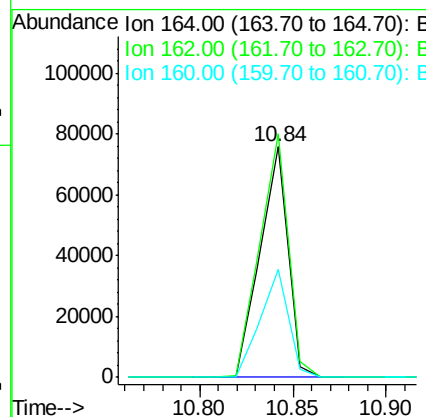
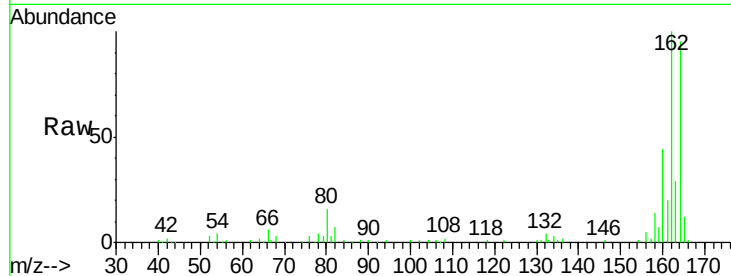




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

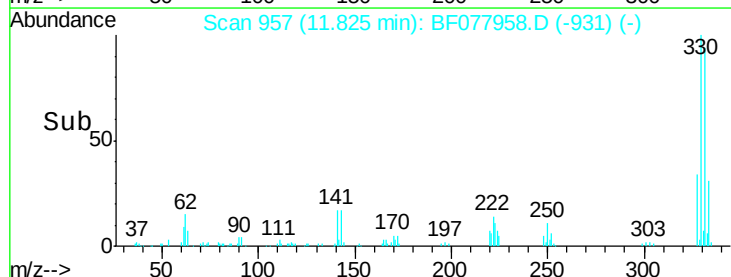
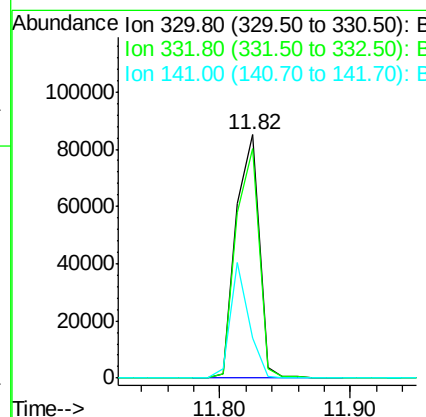
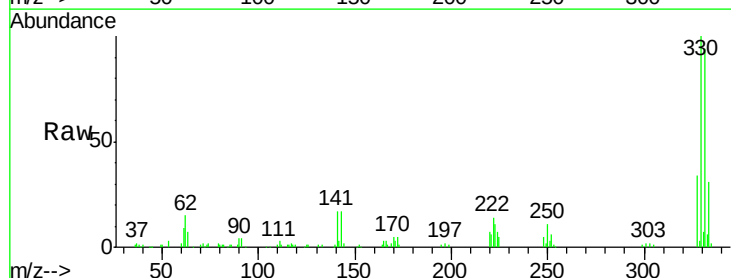
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

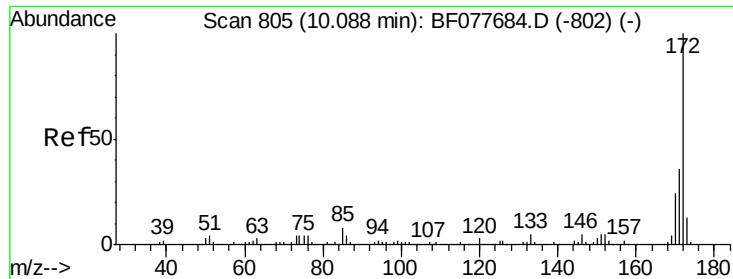
Tot Ion:164 Resp: 78293
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.4 123.6
 160 46.8 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 139.80 ng
 RT: 11.82 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

Tgt Ion:330 Resp: 104724
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 38.1 0.0 0.0#

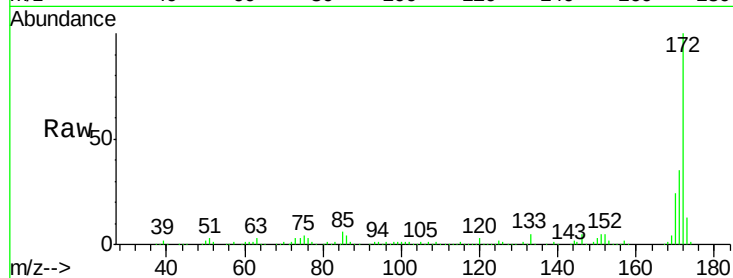




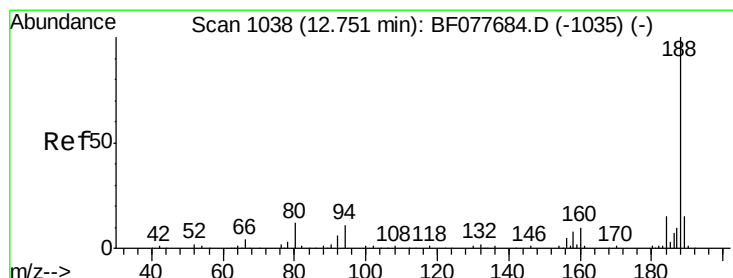
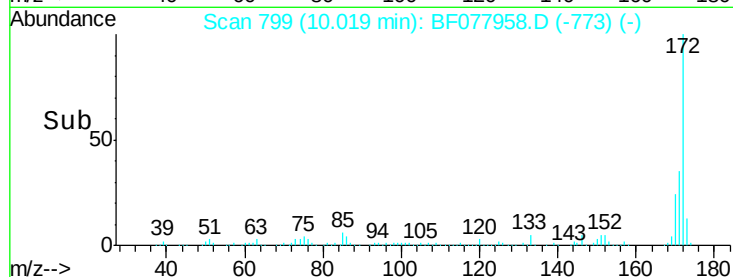
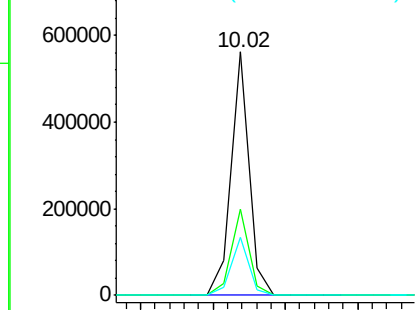
#44
 2-Fluorobiphenyl
 Concen: 91.22 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:172 Resp: 485952
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.8 18.8 28.2

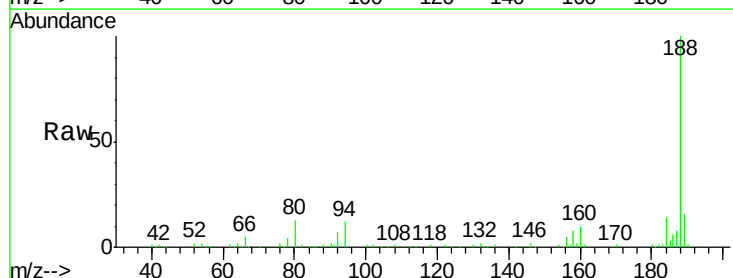


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

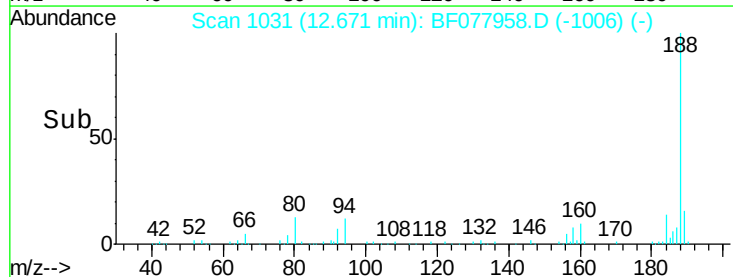
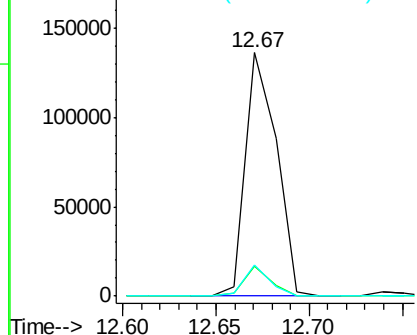


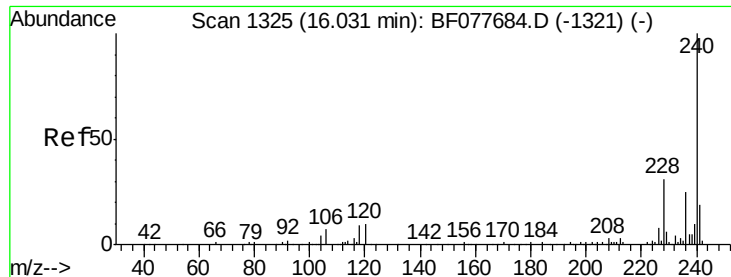
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

Tgt Ion:188 Resp: 159805
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.7 13.1
 80 13.0 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

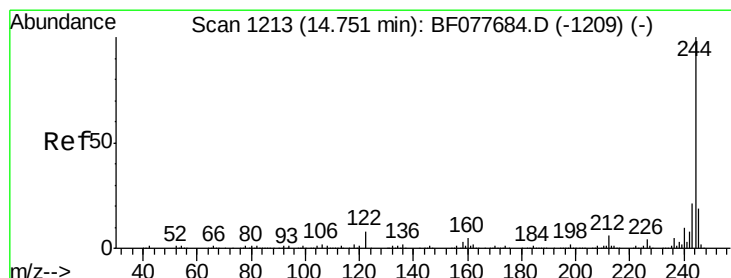
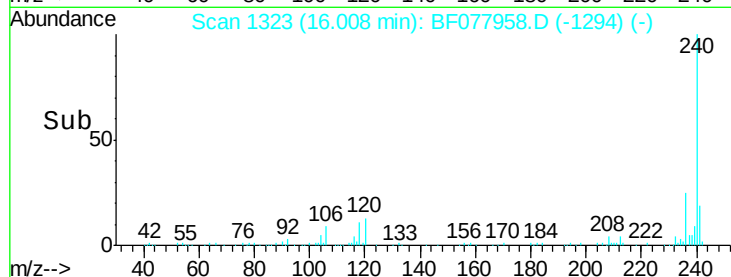
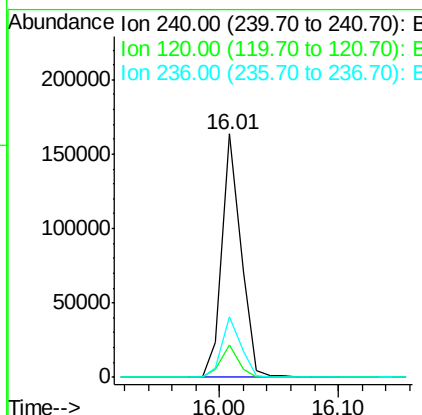
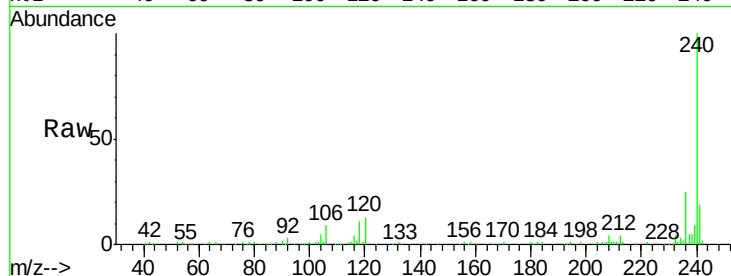




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.01 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

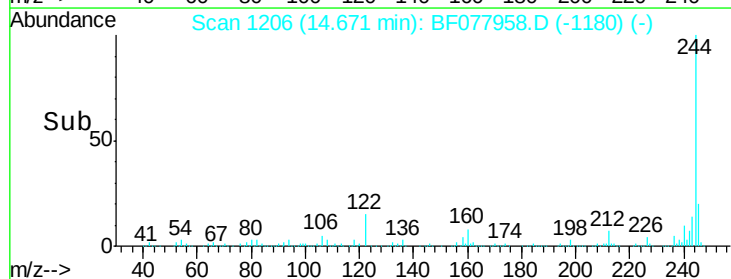
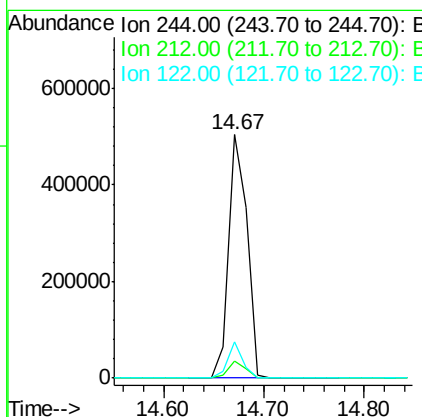
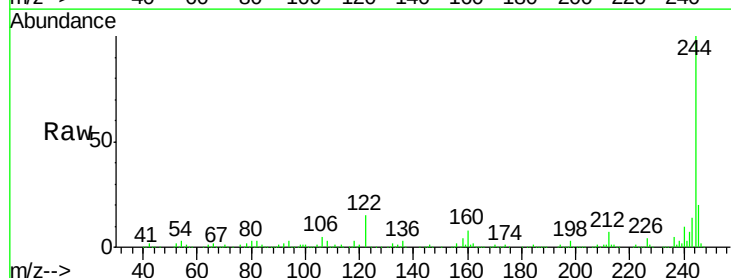
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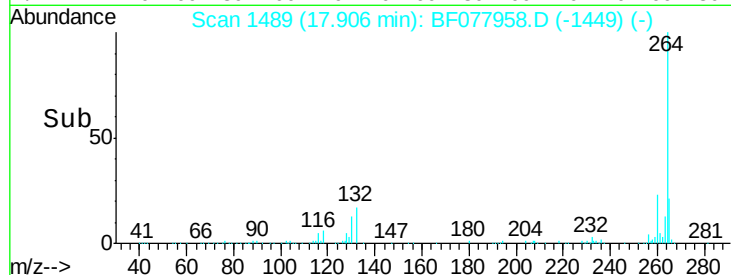
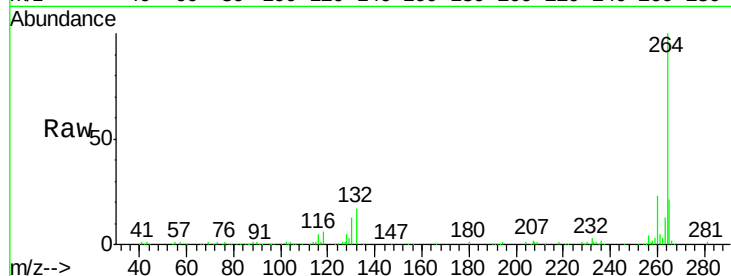
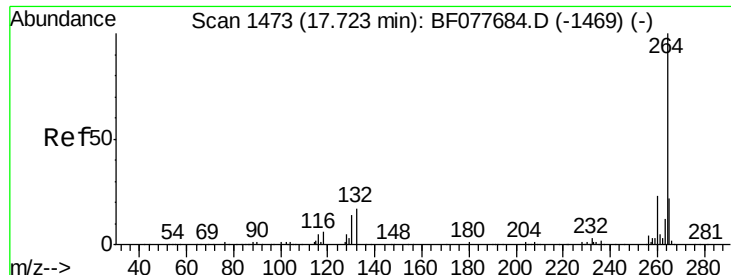
Tot Ion:240 Resp: 182028
Ion Ratio Lower Upper
240 100
120 13.1 8.2 12.2#
236 24.9 20.0 30.0



#78
Terphenyl-d14
Concen: 85.81 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

Tgt Ion:244 Resp: 639465
Ion Ratio Lower Upper
244 100
212 7.1 4.9 7.3
122 14.8 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.91 min Scan# 1489
 Delta R.T. 0.16 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:264	Resp:	174202
Ion	Ratio	Lower Upper
264	100	
260	23.2	18.6 27.8
265	21.0	17.3 25.9

