

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077959.D
 Acq On : 25 Mar 2015 18:56
 Operator : TP/IZ
 Sample : G1612-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Mar 26 00:04:49 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

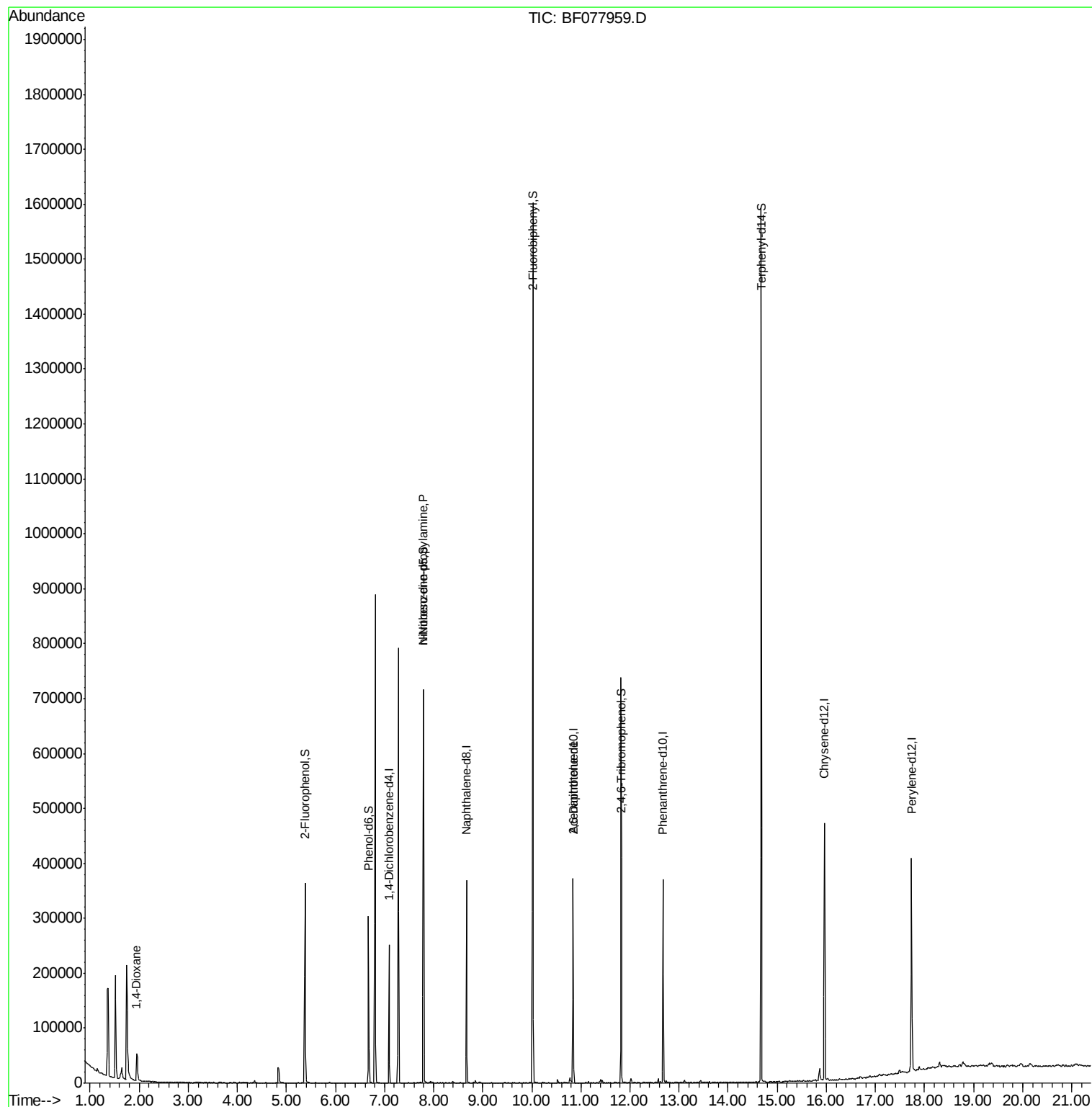
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	39516	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	165325	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	83350	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	168927	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	188657	20.00	ng	-0.01
86) Perylene-d12	17.73	264	176702	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	134764	59.53	ng	0.00
7) Phenol-d6	6.67	99	107272	38.35	ng	0.00
23) Nitrobenzene-d5	7.79	82	223254	88.52	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	101652	127.47	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	492873	86.90	ng	0.00
78) Terphenyl-d14	14.67	244	600269	77.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.95	88	30488	29.66	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	28582	14.77	ng	# 79
50) 2,6-Dinitrotoluene	10.84	165	10646	8.31	ng	# 24

(#) = 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: BF077959.D

Acq: 25 Mar 2015 18:56

Instrument :

BNA_F

ClientSampled :

MW-4

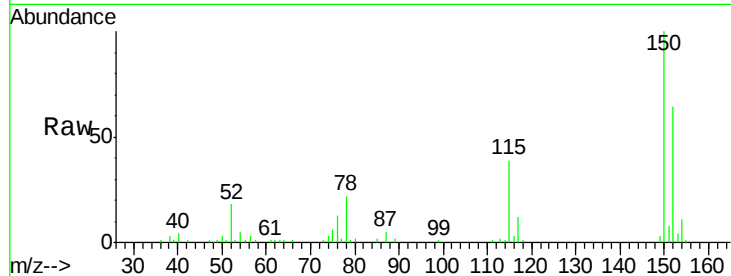
Tgt Ion:152 Resp: 39516

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

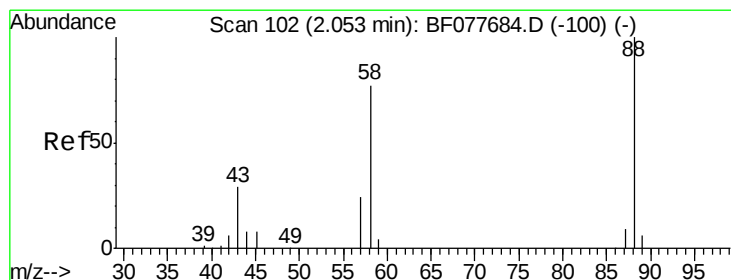
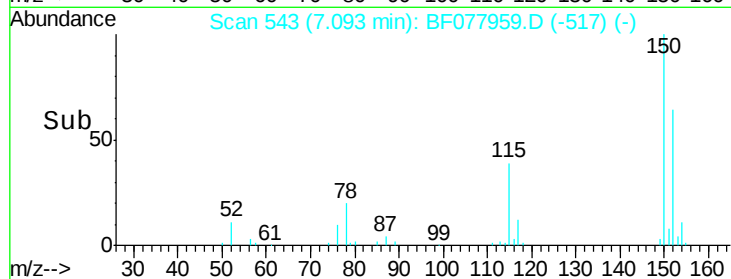
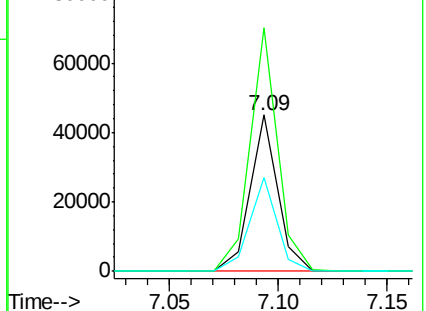
115 60.3 43.0 64.4



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: 29.66 ng

RT: 1.95 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF077959.D

Acq: 25 Mar 2015 18:56

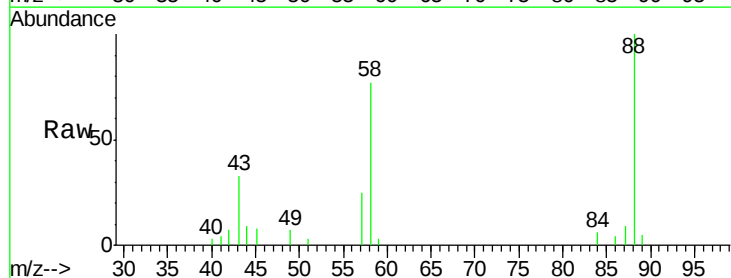
Tgt Ion: 88 Resp: 30488

Ion Ratio Lower Upper

88 100

58 71.9 0.0 0.0#

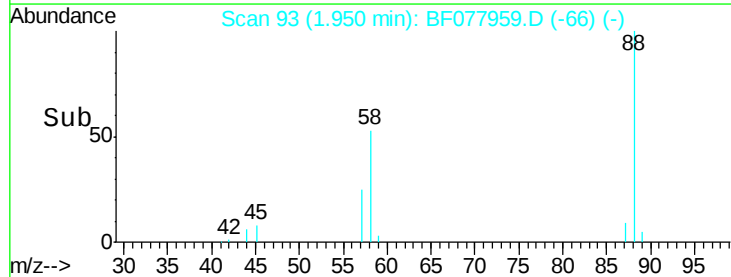
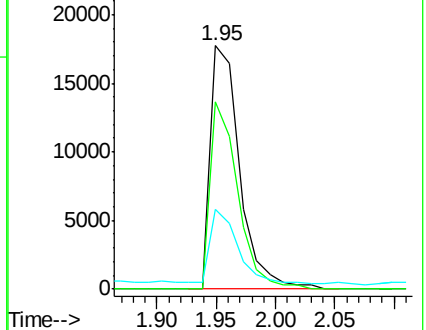
43 30.4 0.0 0.0#

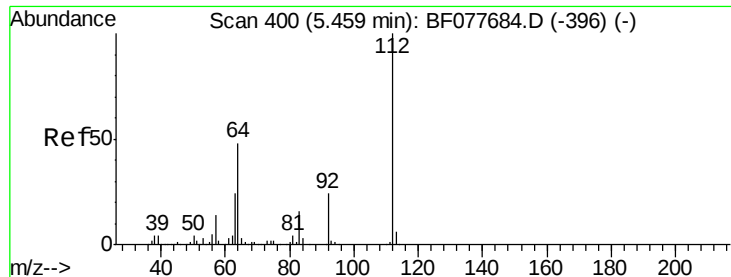


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 59.53 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077959.D

Acq: 25 Mar 2015 18:56

Instrument :

BNA_F

ClientSampleId :

MW-4

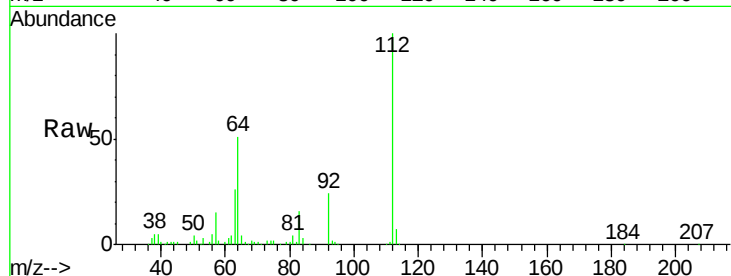
Tgt Ion: 112 Resp: 134764

Ion Ratio Lower Upper

112 100

64 51.2 38.6 57.8

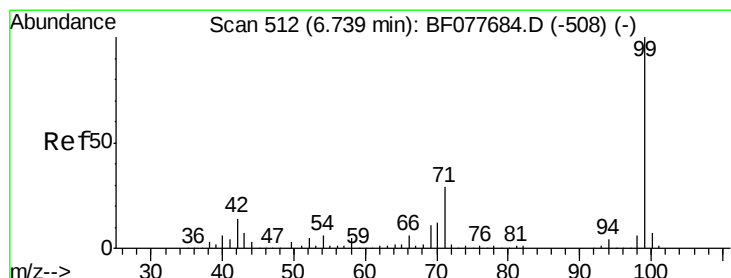
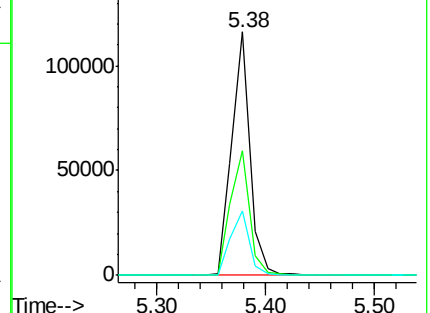
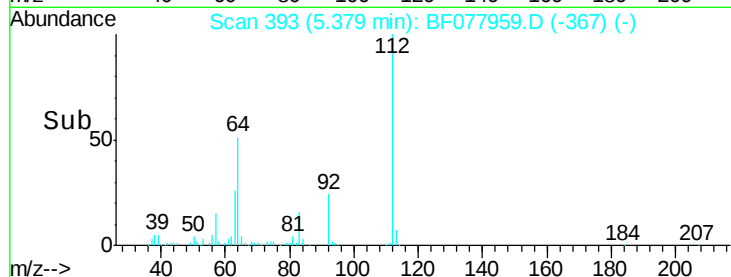
63 26.3 19.3 28.9



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: 38.35 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077959.D

Acq: 25 Mar 2015 18:56

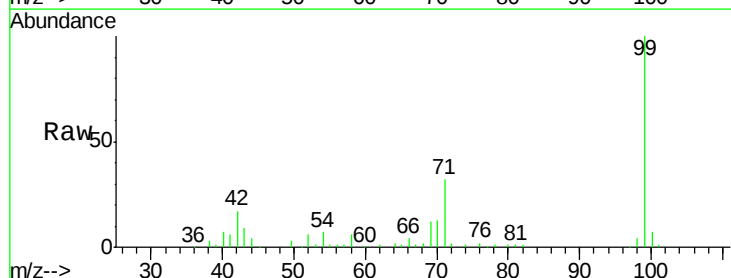
Tgt Ion: 99 Resp: 107272

Ion Ratio Lower Upper

99 100

42 16.7 11.0 16.4#

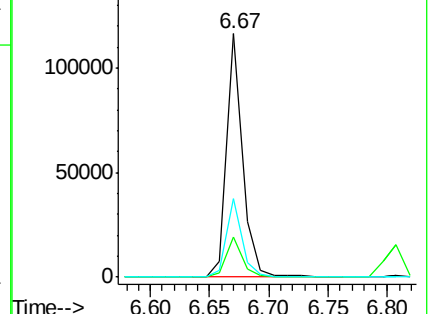
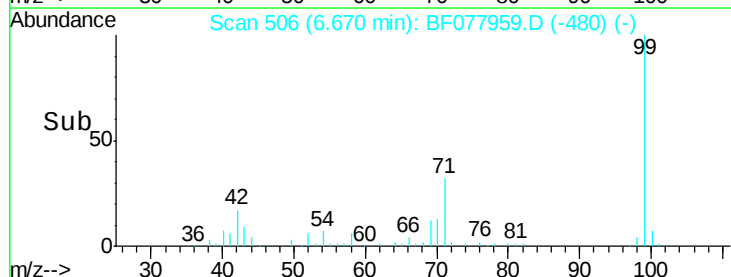
71 32.0 23.4 35.2

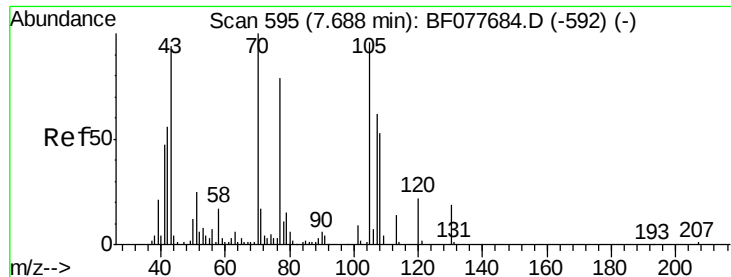


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

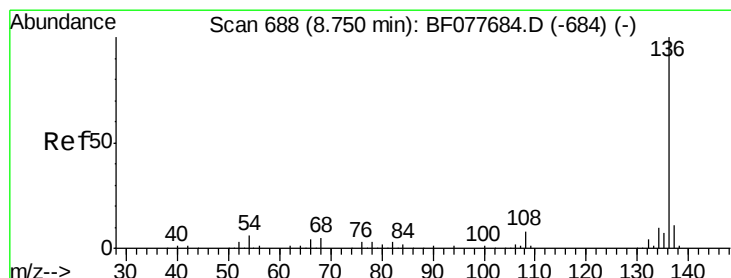
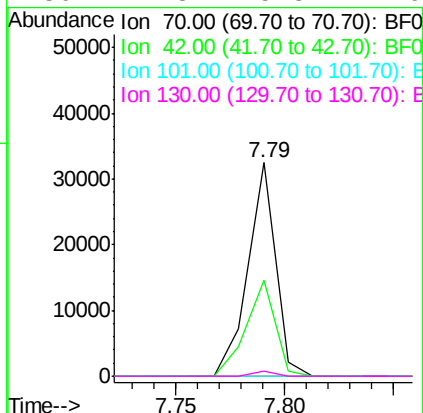
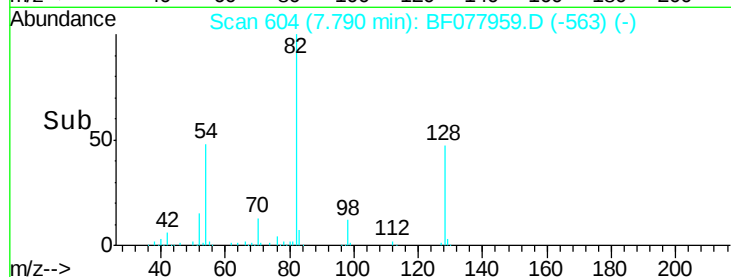
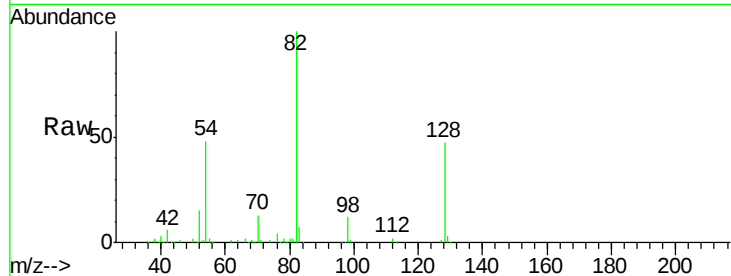




#19
n-Nitroso-di-n-propylamine
Concen: 14.77 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077959.D
Acq: 25 Mar 2015 18:56

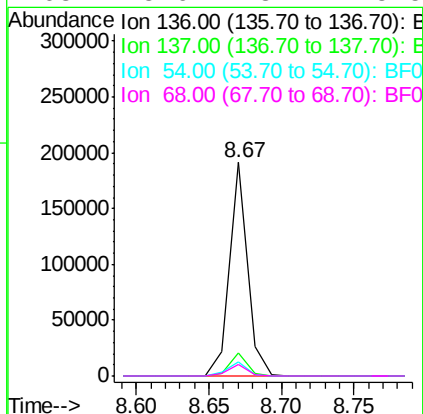
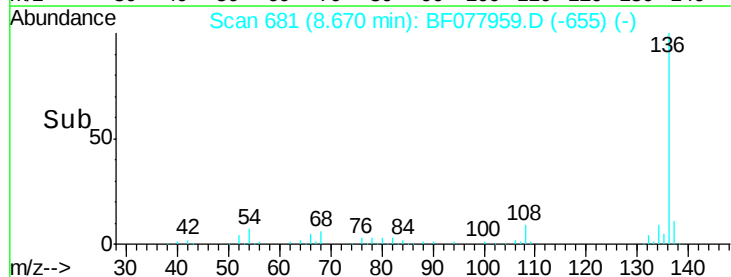
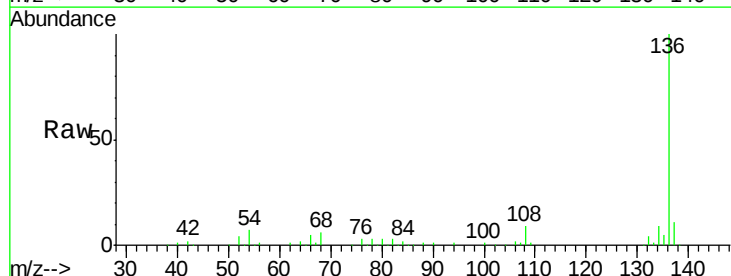
Instrument :
BNA_F
ClientSampleId :
MW-4

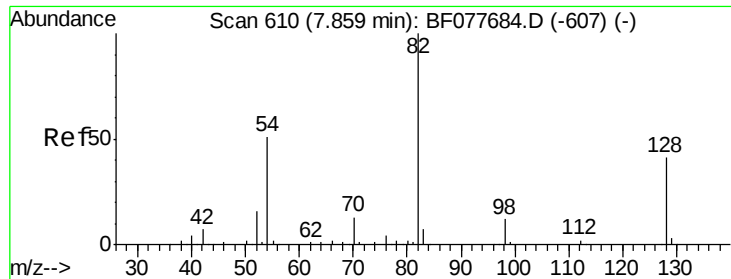
Tgt Ion: 70 Resp: 28582
Ion Ratio Lower Upper
70 100
42 44.8 44.5 66.7
101 0.0 7.4 11.2#
130 2.3 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077959.D
Acq: 25 Mar 2015 18:56

Tgt Ion: 136 Resp: 165325
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.9 4.6 6.8#
68 5.6 3.7 5.5#

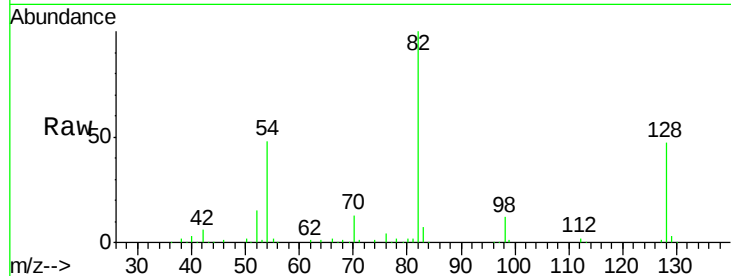




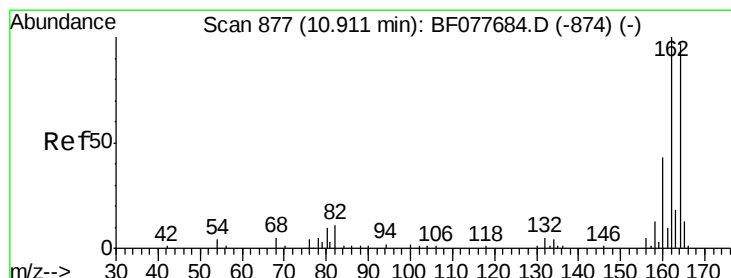
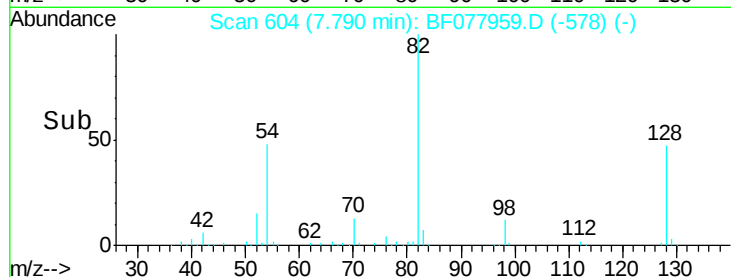
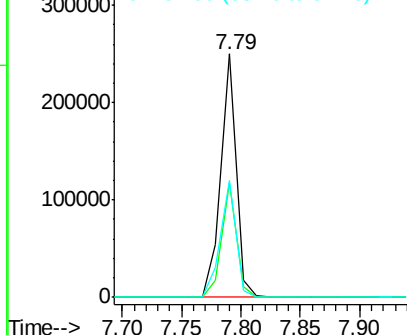
#23
 Nitrobenzene-d5
 Concen: 88.52 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077959.D
 Acq: 25 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion: 82 Resp: 223254
 Ion Ratio Lower Upper
 82 100
 128 47.1 32.8 49.2
 54 47.9 40.6 60.8

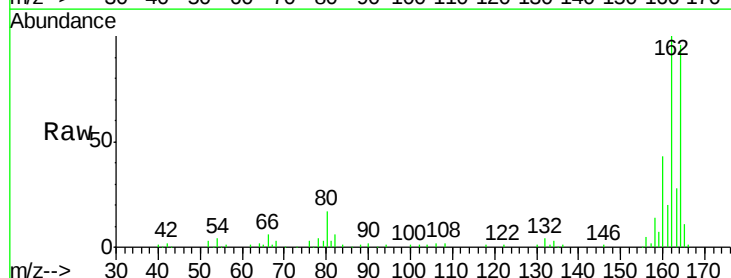


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

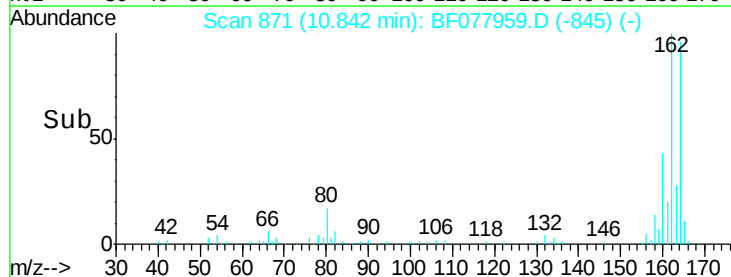
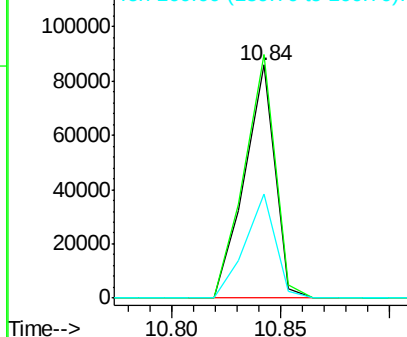


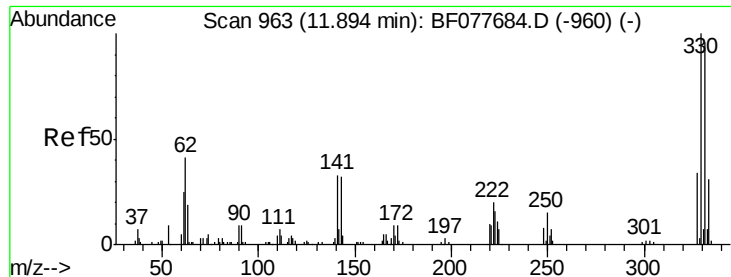
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077959.D
 Acq: 25 Mar 2015 18:56

Tgt Ion: 164 Resp: 83350
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.4 123.6
 160 44.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

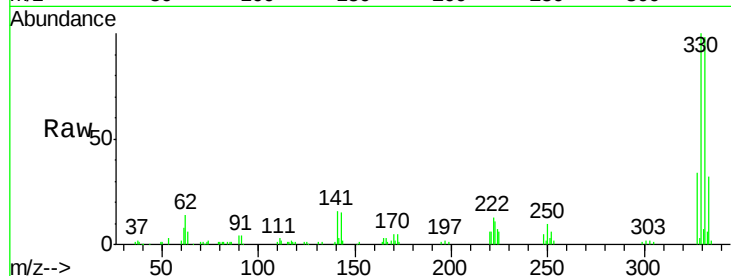




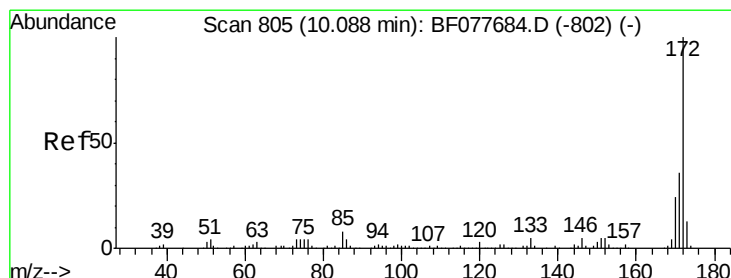
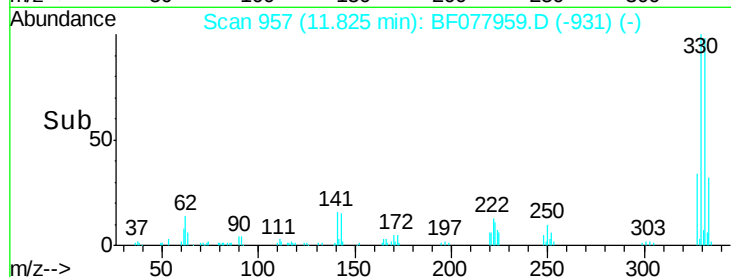
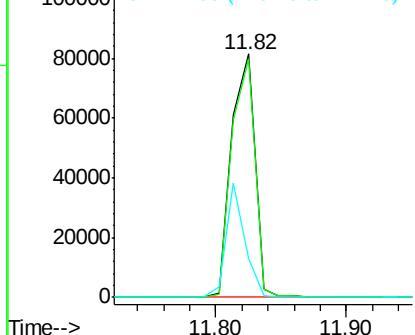
#41
 2,4,6-Tribromophenol
 Concen: 127.47 ng
 RT: 11.82 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077959.D
 Acq: 25 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:330 Resp: 101652
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 37.4 0.0 0.0#

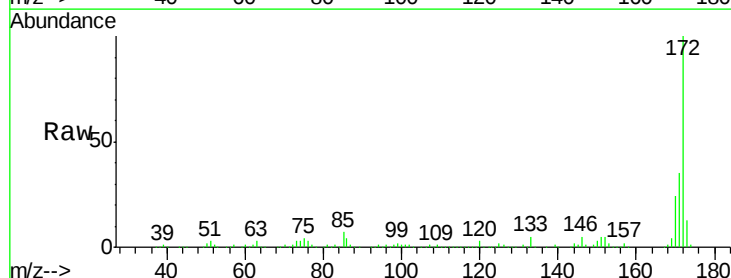


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

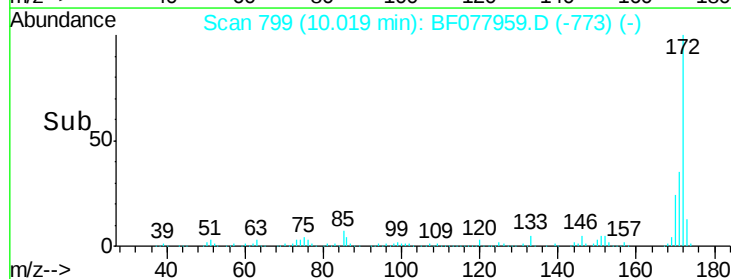
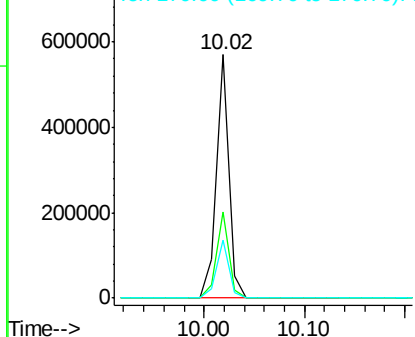


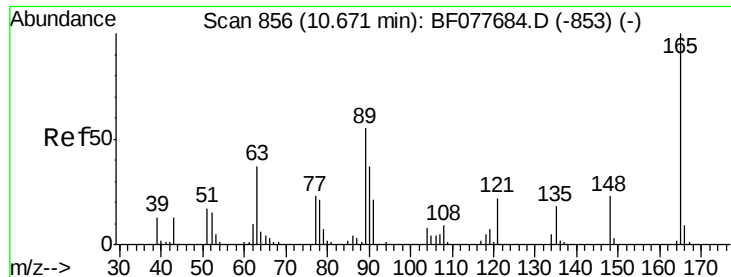
#44
 2-Fluorobiphenyl
 Concen: 86.90 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077959.D
 Acq: 25 Mar 2015 18:56

Tgt Ion:172 Resp: 492873
 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

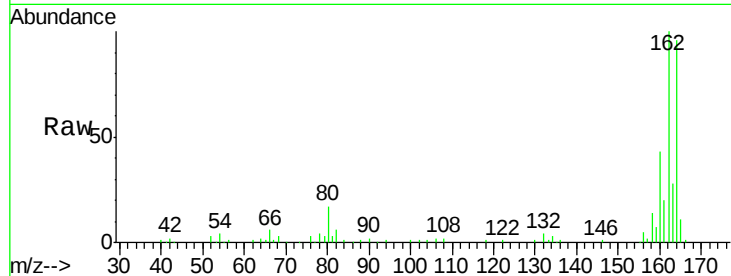




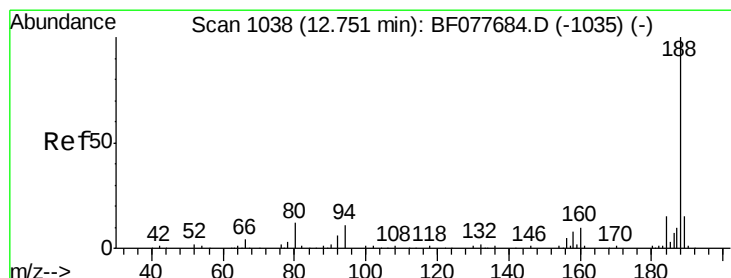
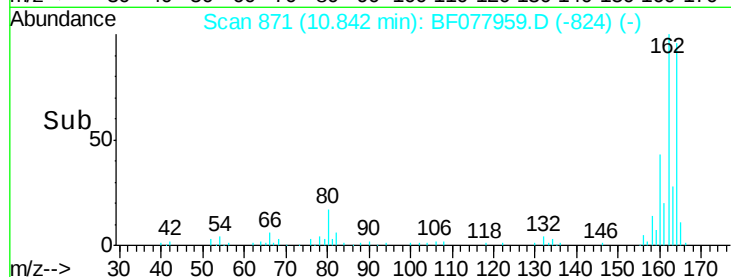
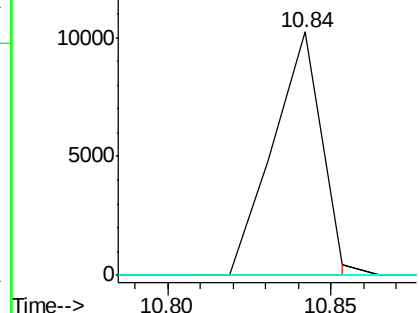
#50
 2,6-Dinitrotoluene
 Concen: 8.31 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077959.D
 Acq: 25 Mar 2015 18:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:165 Resp: 10646
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

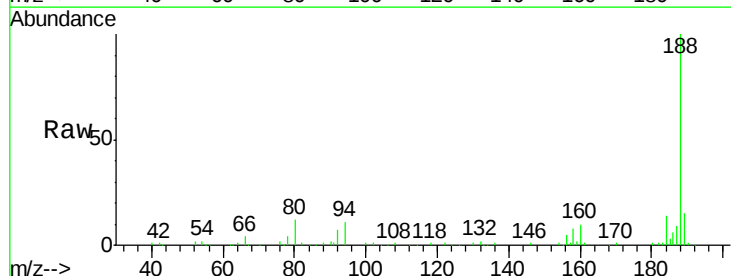


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

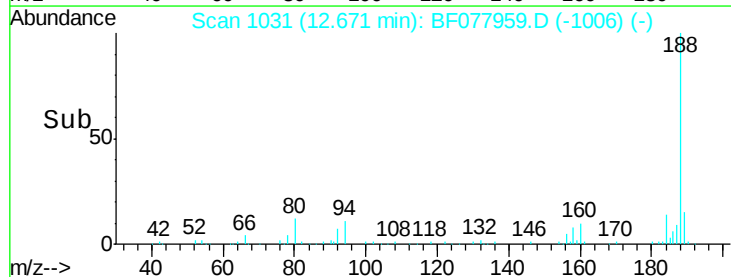
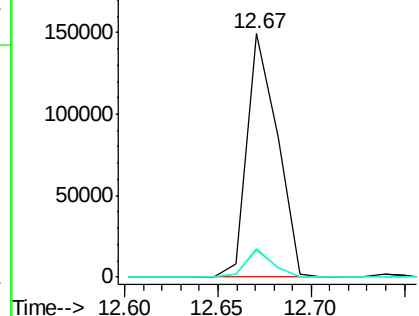


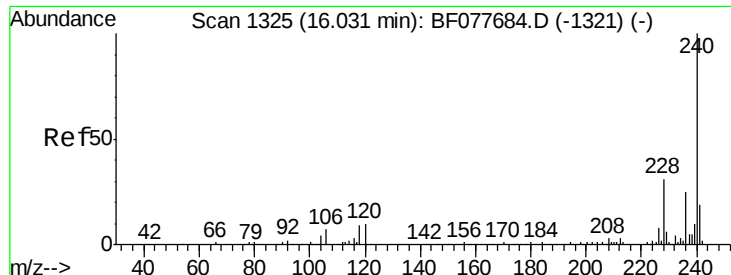
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077959.D
 Acq: 25 Mar 2015 18:56

Tgt Ion:188 Resp: 168927
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.7 13.1
 80 11.6 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

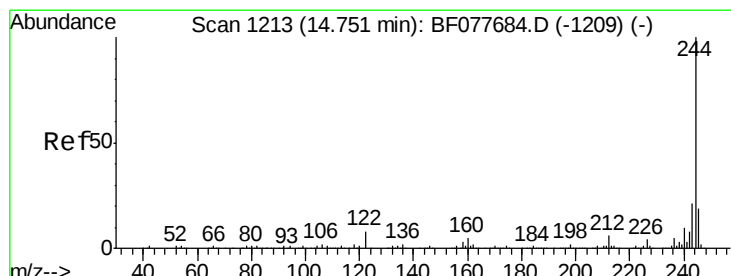
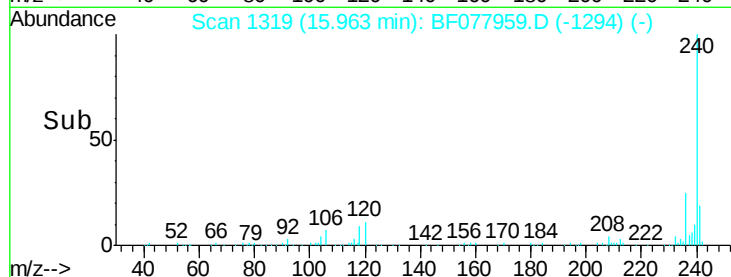
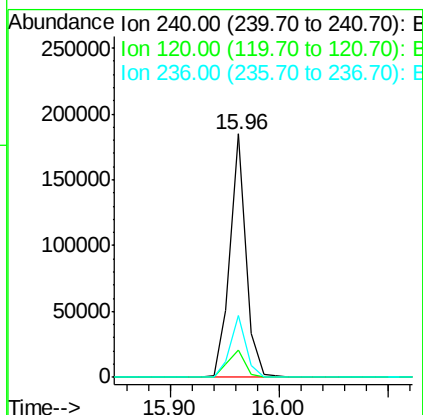
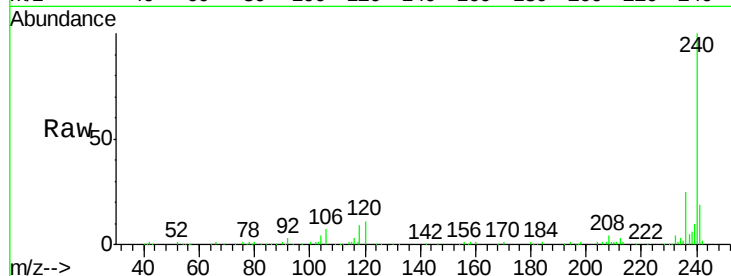




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF077959.D
Acq: 25 Mar 2015 18:56

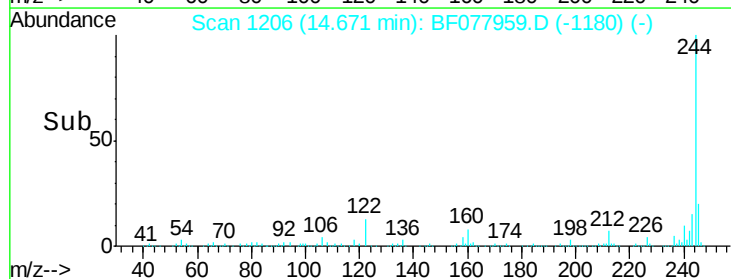
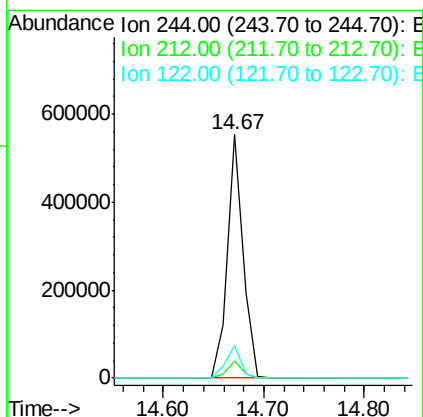
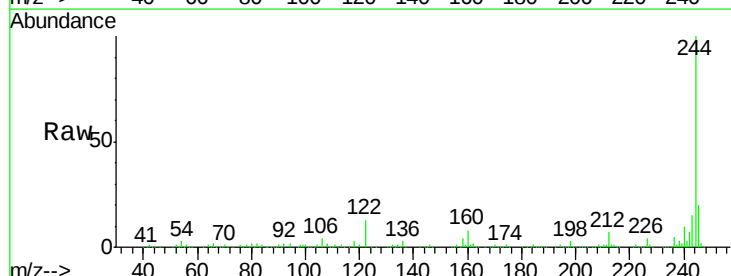
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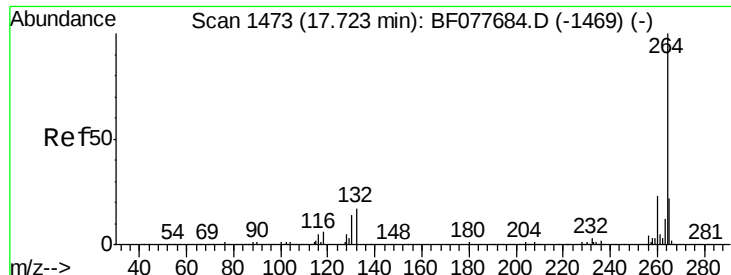
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.2	12.2
236	25.4	20.0	30.0



#78
Terphenyl-d14
Concen: 77.72 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077959.D
Acq: 25 Mar 2015 18:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	13.3	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.73 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF077959.D
Acq: 25 Mar 2015 18:56

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 264 Resp: 176702
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.5 17.3 25.9

