

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 00:04:34 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

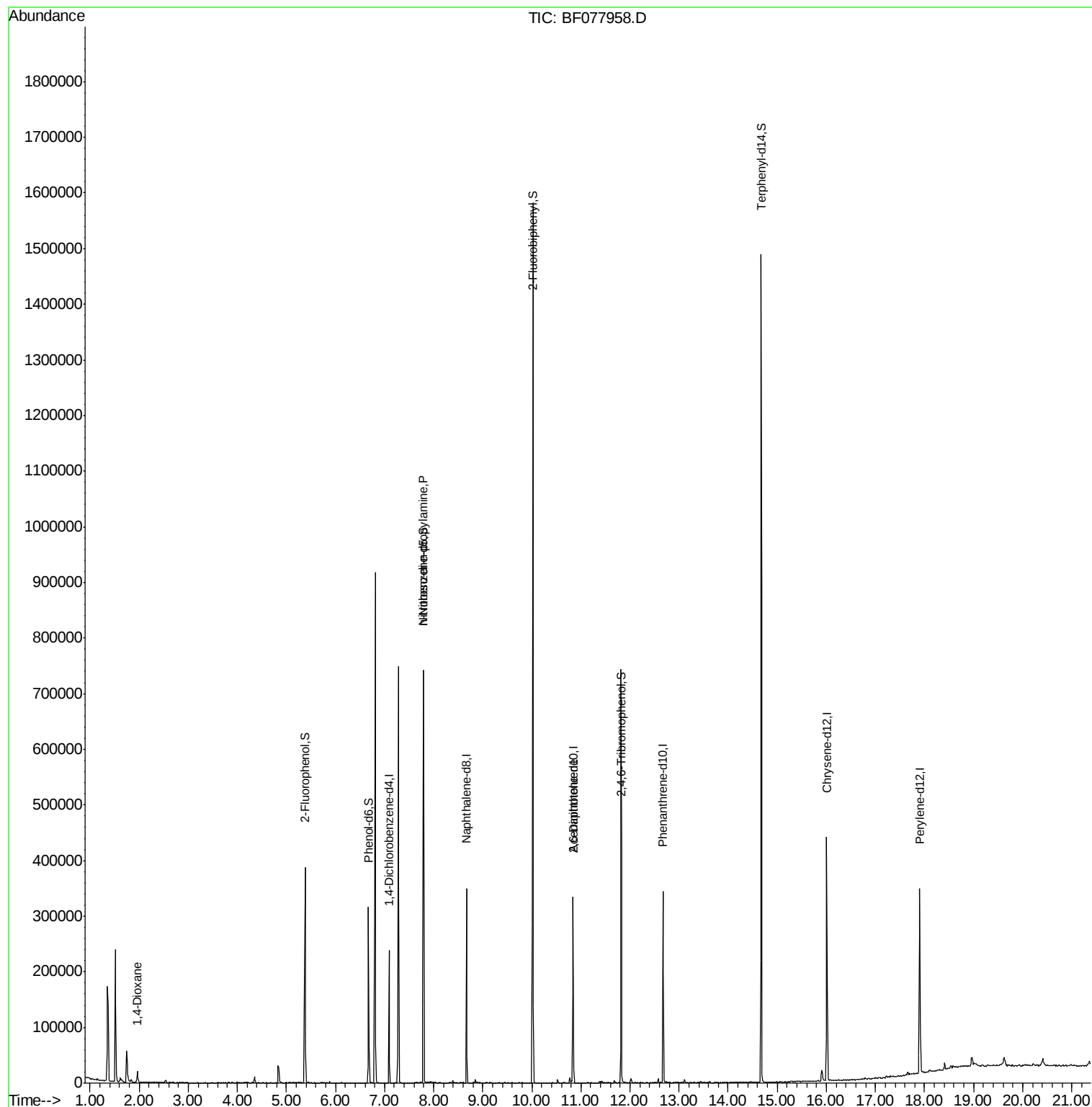
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36700	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	153740	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	78293	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	159805	20.00	ng	-0.01
75) Chrysene-d12	16.01	240	182028	20.00	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	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	28714	15.98	ng	# 80
50) 2,6-Dinitrotoluene	10.84	165	9884	8.21	ng	# 24

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

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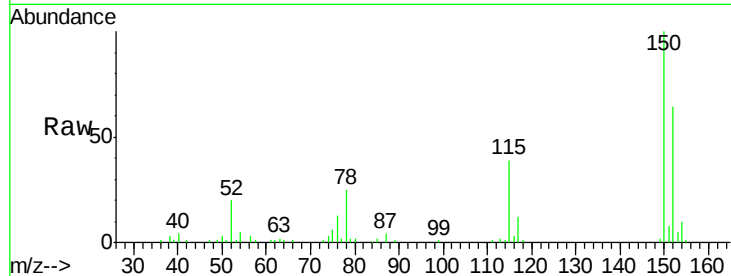


#1

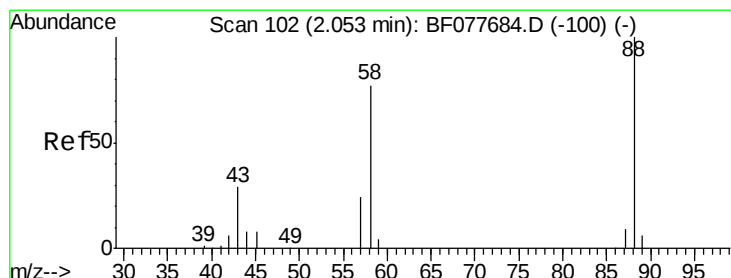
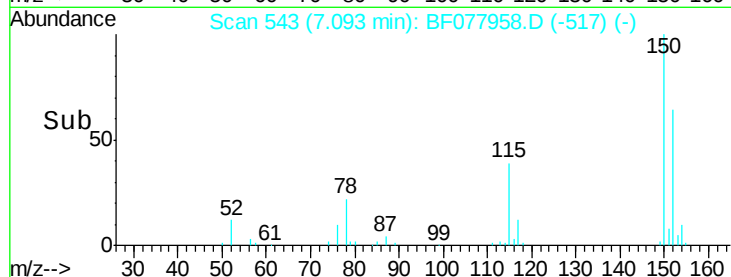
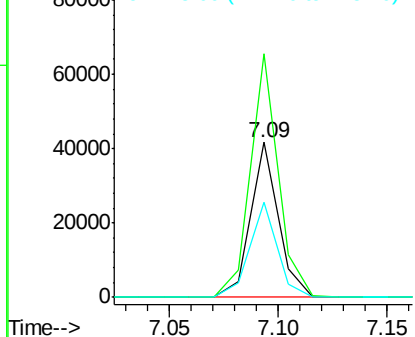
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

Instrument :
BNA_F
ClientSampled :
MW-3

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



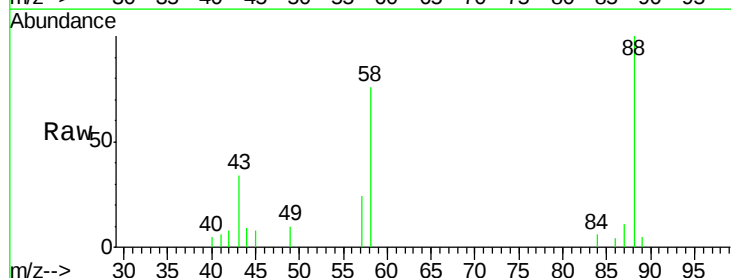
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



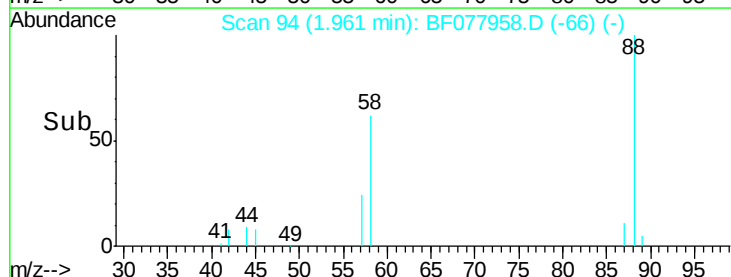
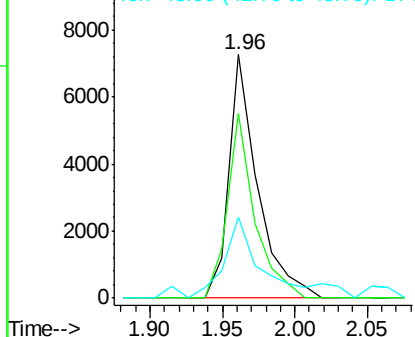
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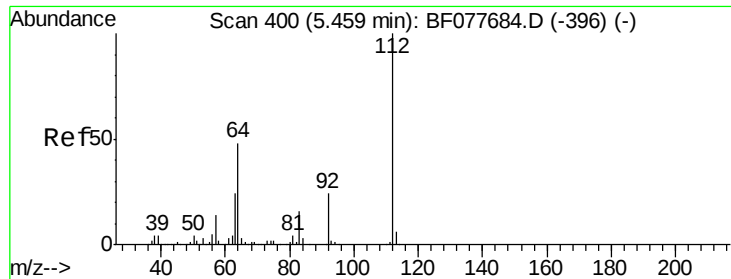
1,4-Dioxane
Concen: 10.41 ng
RT: 1.96 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

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

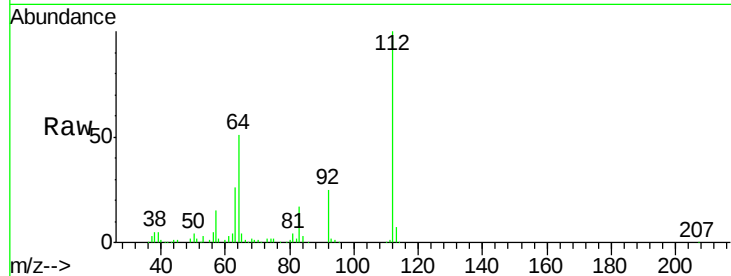
Tgt Ion: 112 Resp: 140605

Ion Ratio Lower Upper

112 100

64 51.2 38.6 57.8

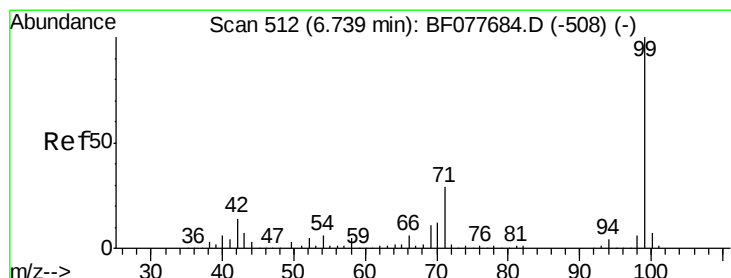
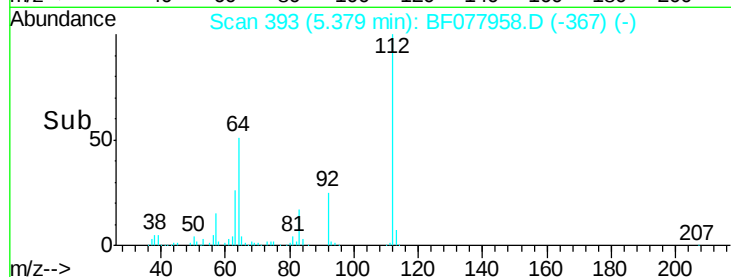
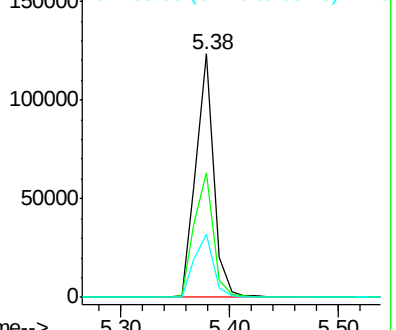
63 25.9 19.3 28.9



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

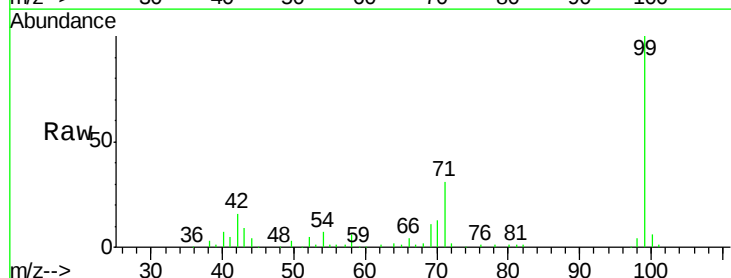
Tgt Ion: 99 Resp: 112639

Ion Ratio Lower Upper

99 100

42 16.3 11.0 16.4

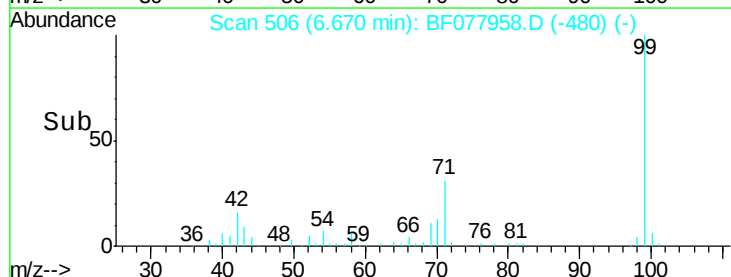
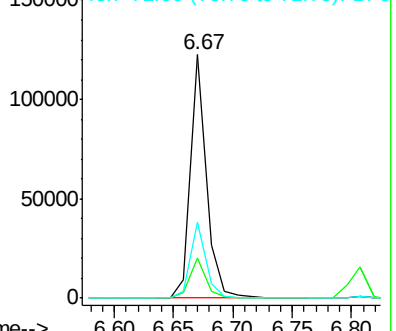
71 31.2 23.4 35.2

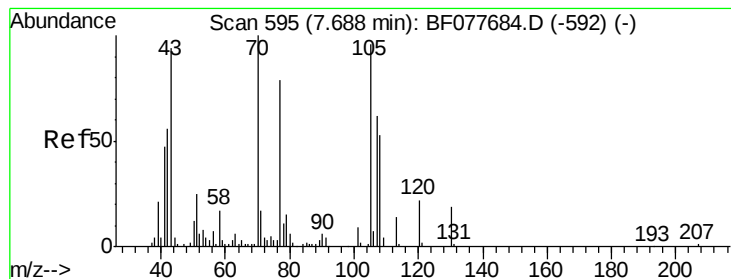


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.98 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077958.D

Acq: 25 Mar 2015 18:28

Instrument :

BNA_F

ClientSampled :

MW-3

Tgt Ion: 70 Resp: 28714

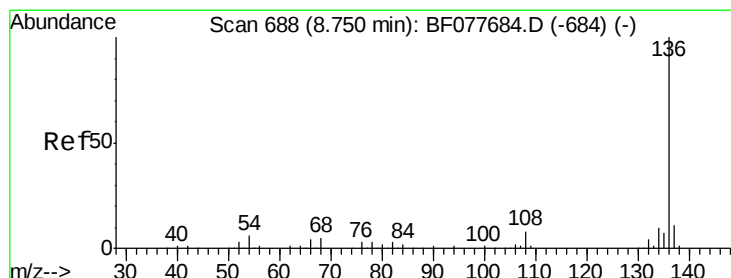
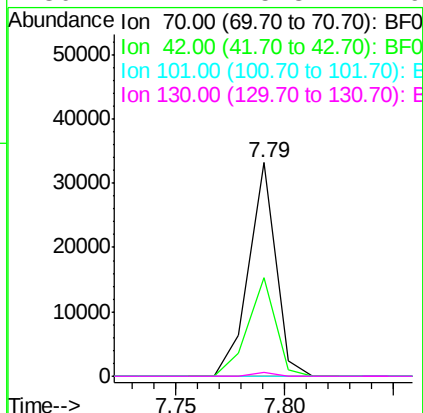
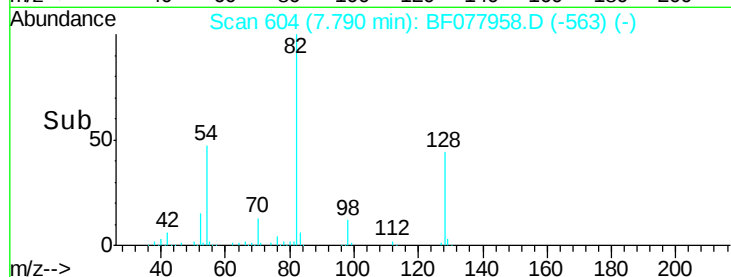
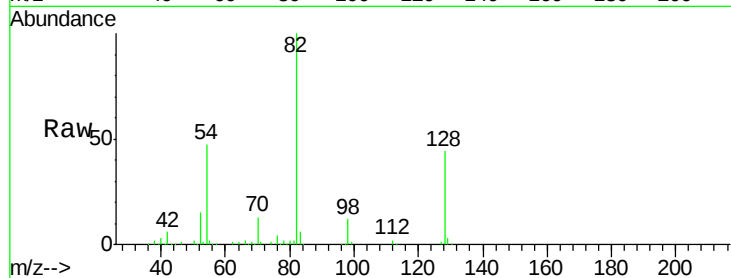
Ion Ratio Lower Upper

70 100

42 46.2 44.5 66.7

101 0.0 7.4 11.2#

130 2.1 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: BF077958.D

Acq: 25 Mar 2015 18:28

Tgt Ion: 136 Resp: 153740

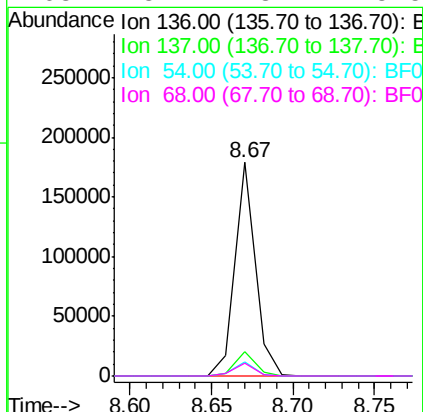
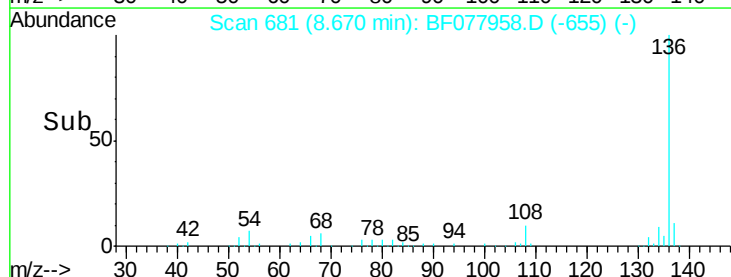
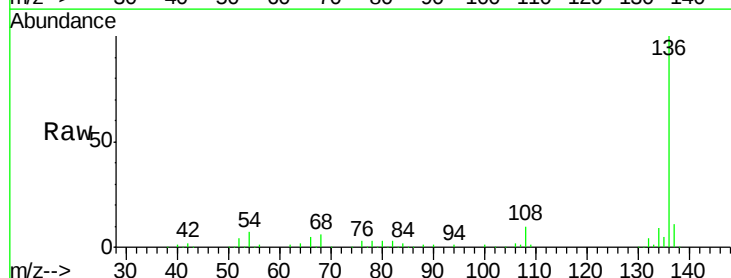
Ion Ratio Lower Upper

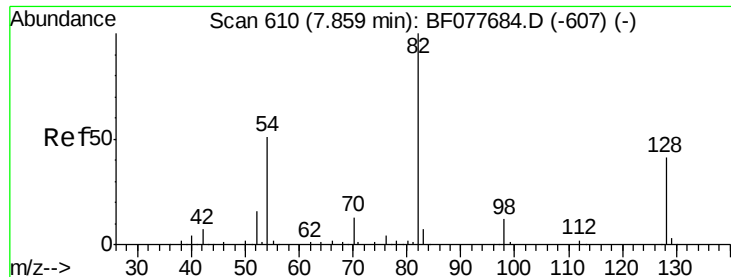
136 100

137 11.4 8.7 13.1

54 6.9 4.6 6.8#

68 5.7 3.7 5.5#





#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

Instrument :

BNA_F

ClientSampleId :

MW-3

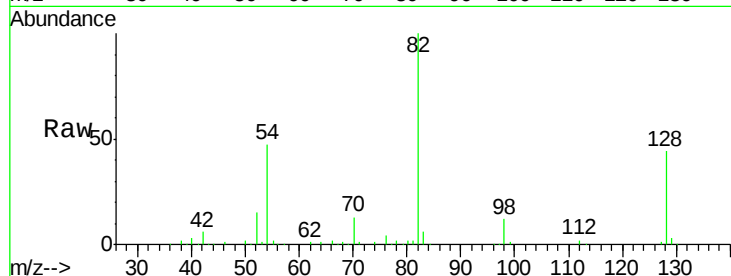
Tgt Ion: 82 Resp: 229492

Ion Ratio Lower Upper

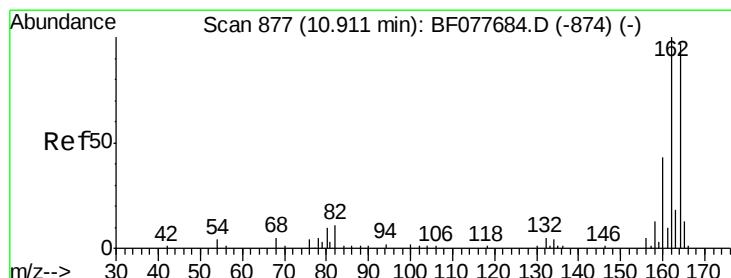
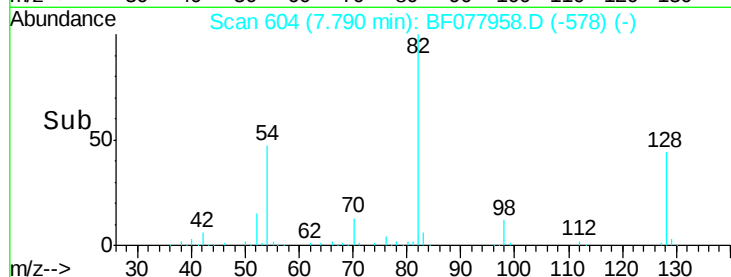
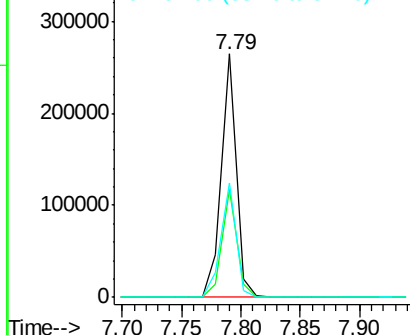
82 100

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): B
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

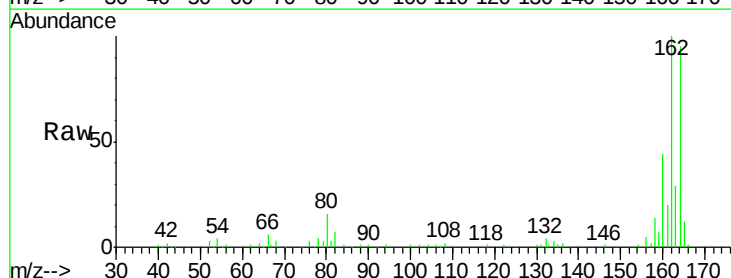
Tgt Ion: 164 Resp: 78293

Ion Ratio Lower Upper

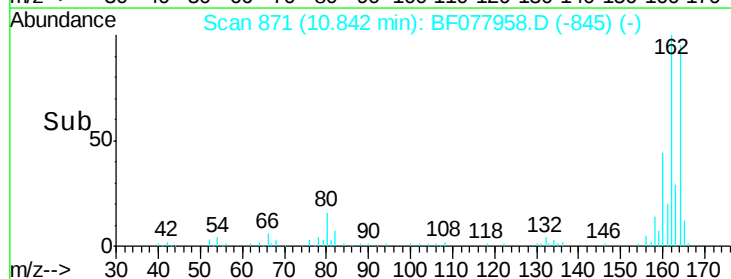
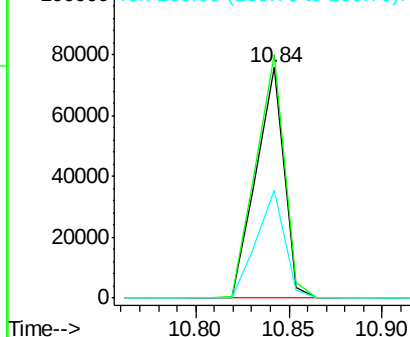
164 100

162 105.5 82.4 123.6

160 46.8 35.8 53.6



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

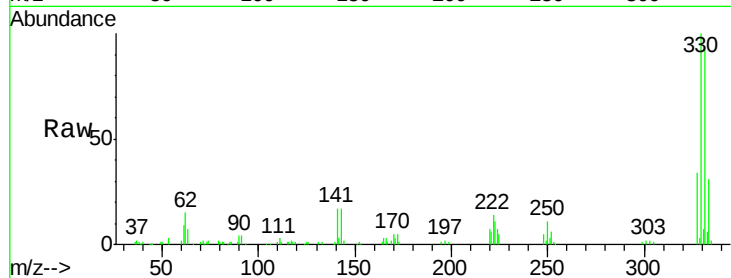




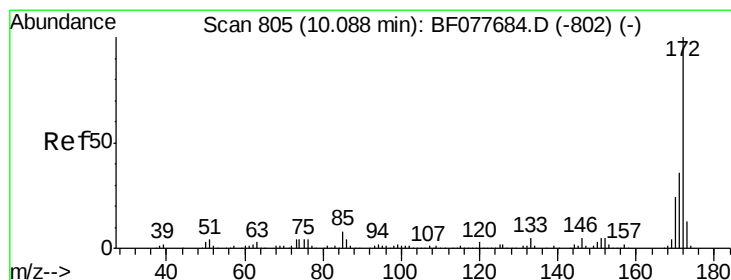
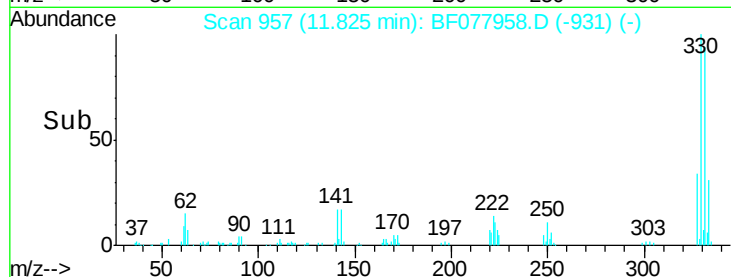
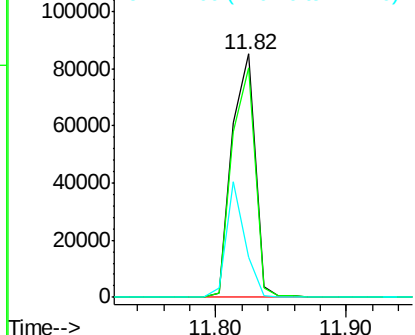
#41
 2,4,6-Tribromophenol
 Concen: 139.80 ng
 RT: 11.82 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

Instrument :
 BNA_F
 ClientSampled :
 MW-3

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#

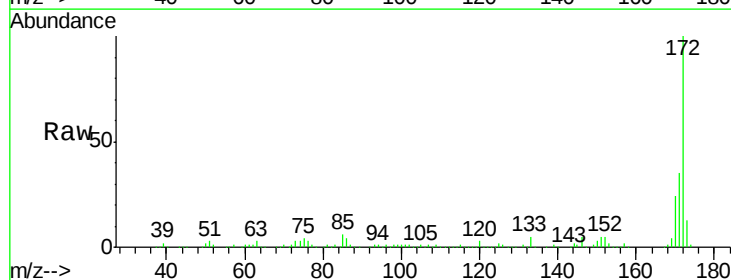


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

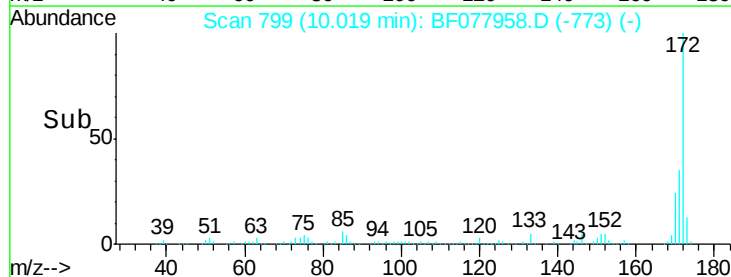
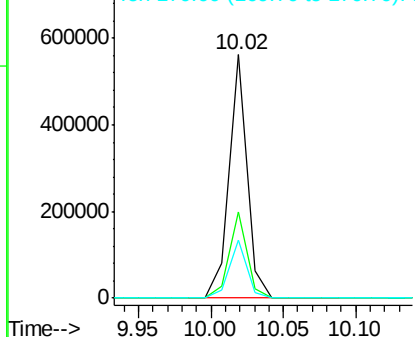


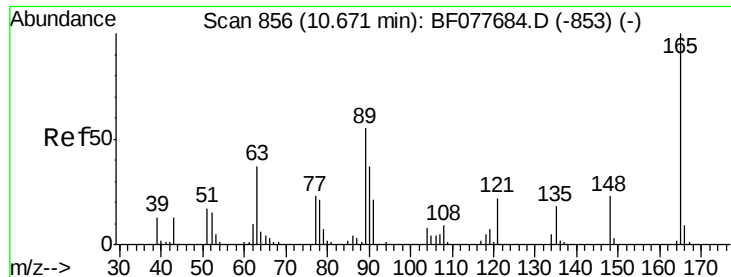
#44
 2-Fluorobiphenyl
 Concen: 91.22 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

Tgt 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

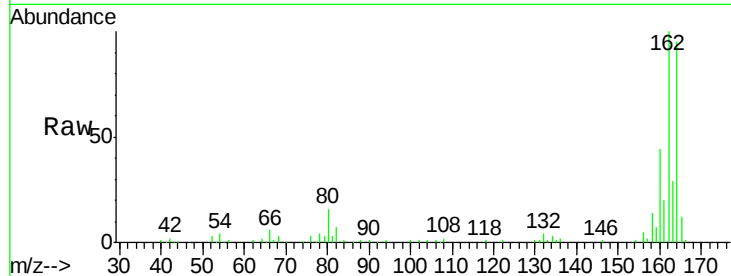




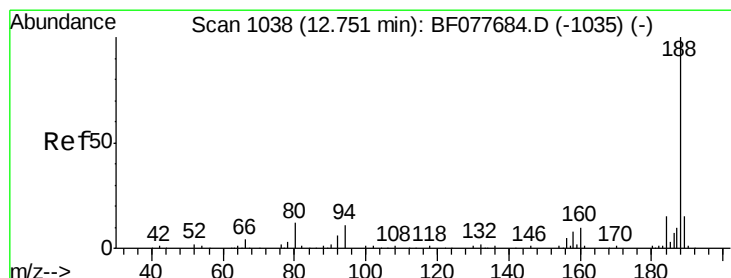
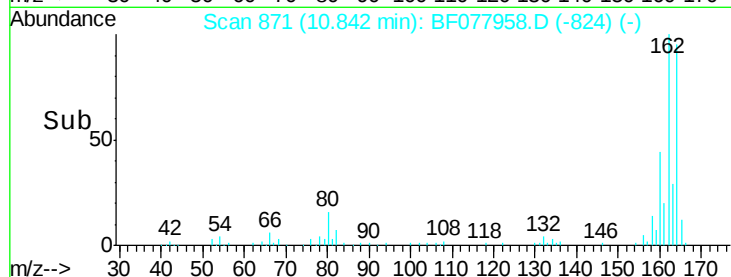
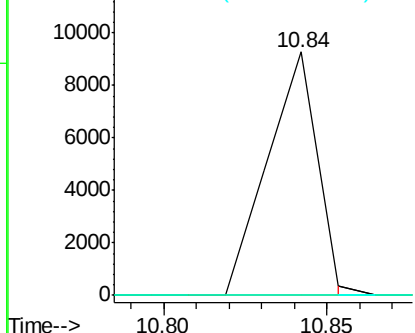
#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:165 Resp: 9884
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

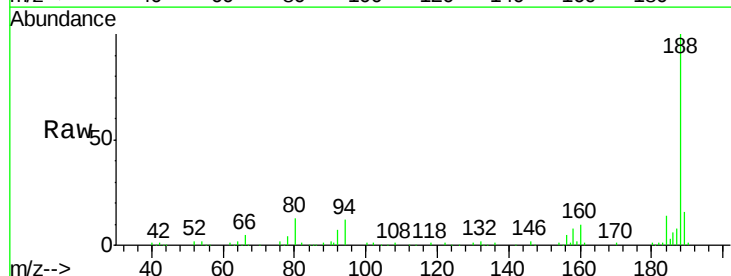


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

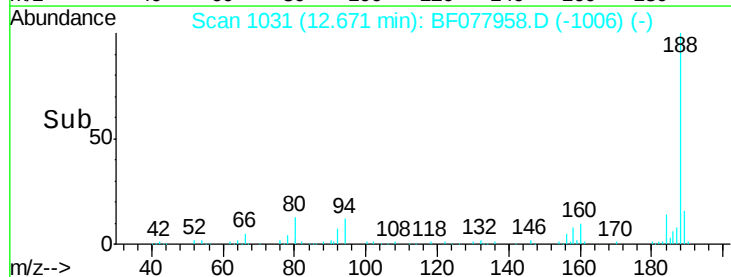
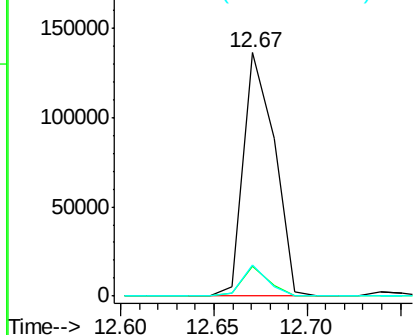


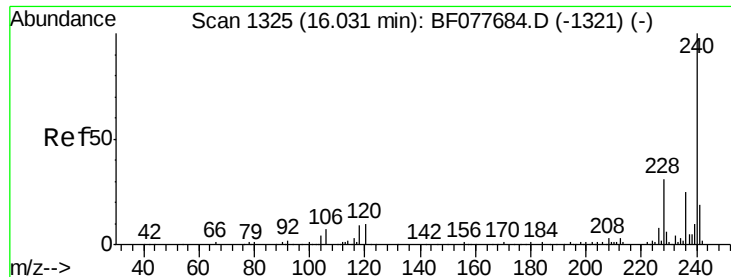
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077958.D
 Acq: 25 Mar 2015 18:28

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

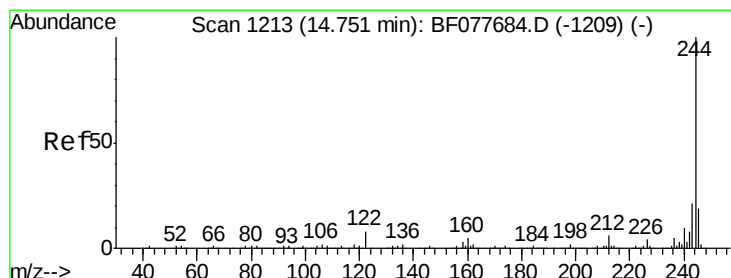
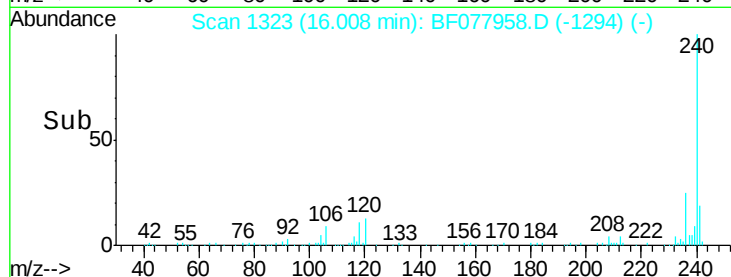
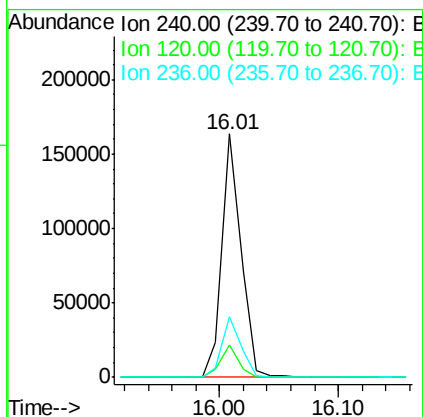
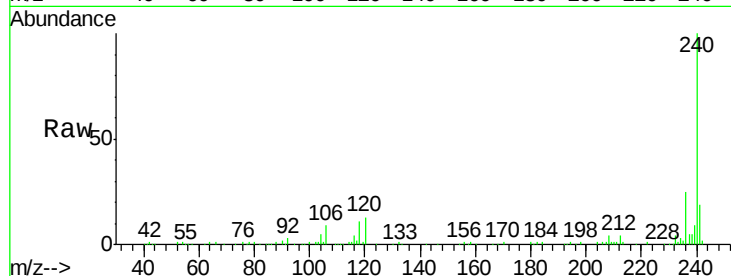




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.01 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

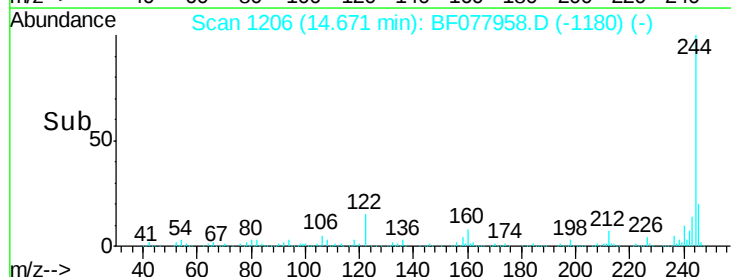
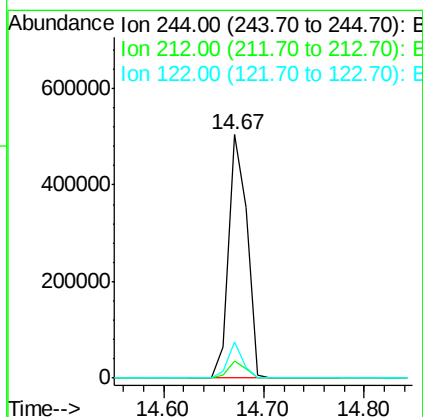
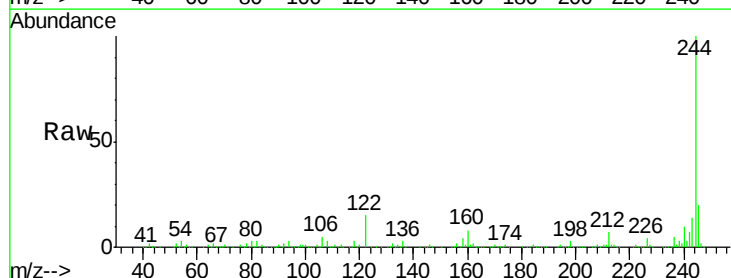
Instrument :
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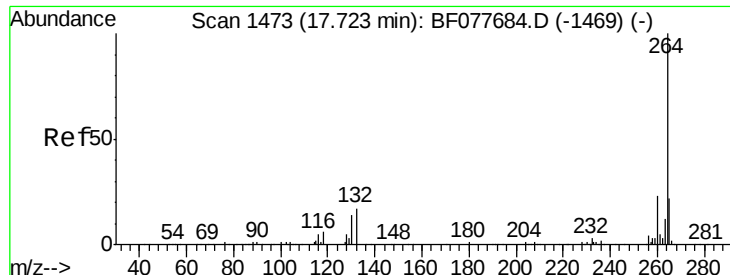
Tgt Ion:240 Resp: 182028
Ion Ratio Lower Upper
240 100
120 13.1 8.2 12.2#
236 24.9 20.0 30.0



#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#

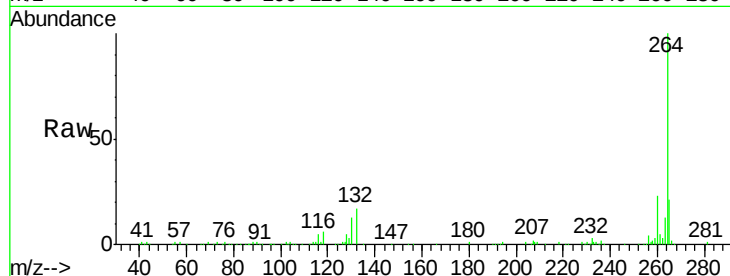




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.91 min Scan# 1489
Delta R.T. 0.16 min
Lab File: BF077958.D
Acq: 25 Mar 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 264 Resp: 174202
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.0 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

