

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078008.D
 Acq On : 26 Mar 2015 21:22
 Operator : TP/IZ
 Sample : PB82242BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BL

Quant Time: Mar 27 00:27:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

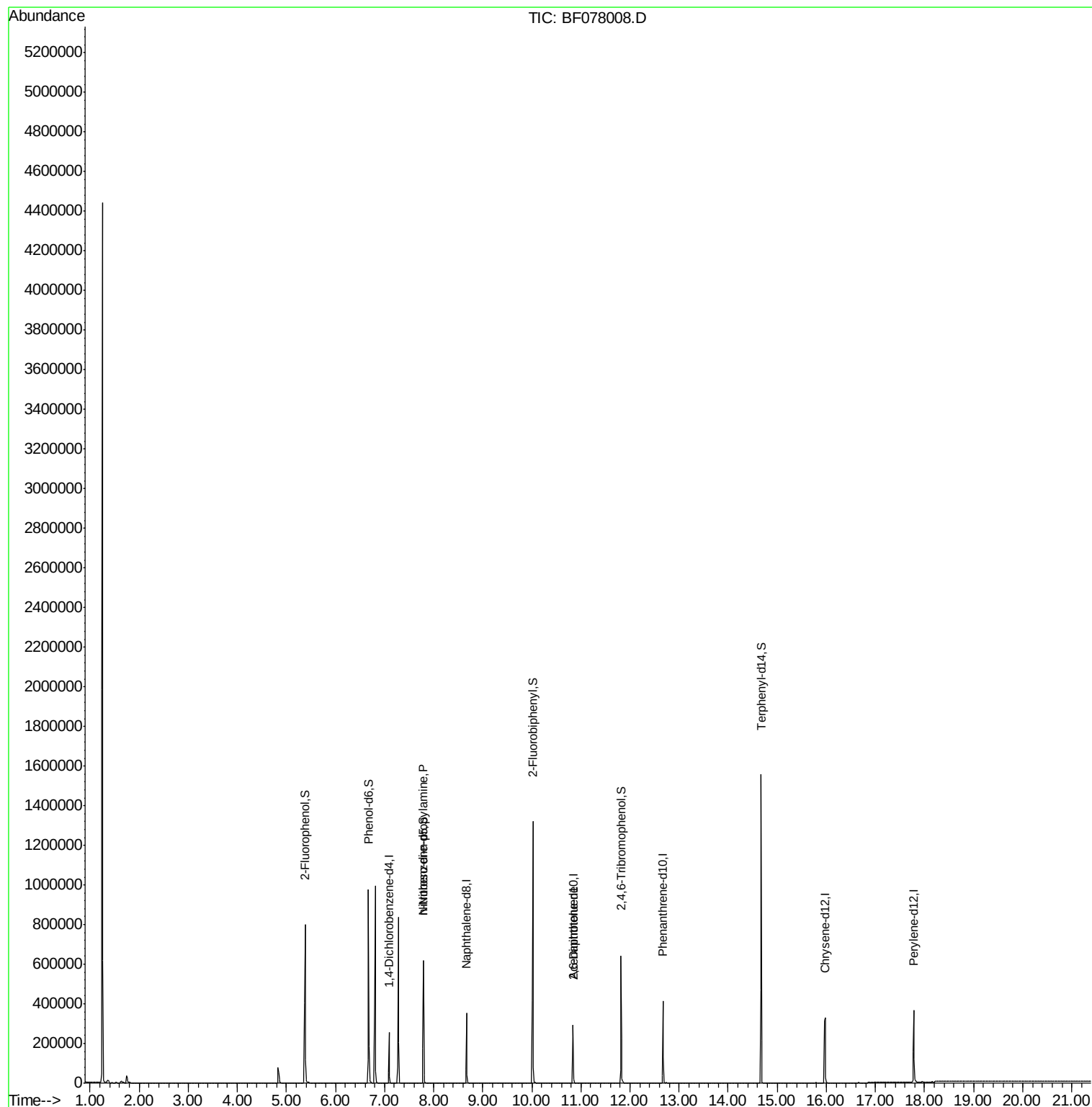
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	41720	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	168077	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	85781	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	170364	20.00	ng	-0.01
75) Chrysene-d12	15.97	240	189105	20.00	ng	-0.03
86) Perylene-d12	17.78	264	174703	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	289975	121.32	ng	0.00
7) Phenol-d6	6.67	99	344811	116.77	ng	-0.01
23) Nitrobenzene-d5	7.79	82	209230	81.60	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	82268	100.24	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	455019	77.95	ng	0.00
78) Terphenyl-d14	14.67	244	553738	71.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	25893	12.67	ng	# 79
50) 2,6-Dinitrotoluene	10.84	165	10587	8.03	ng	# 24
76) Benzidine	14.37	184	696	Below Cal		# 68

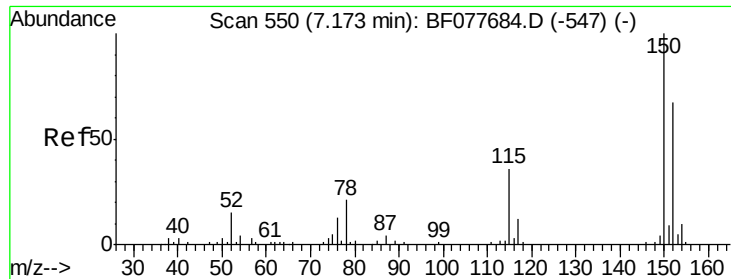
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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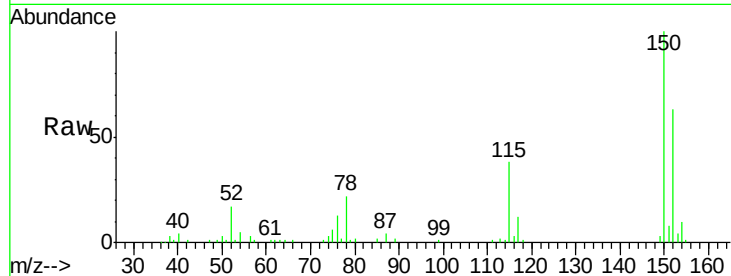


#1

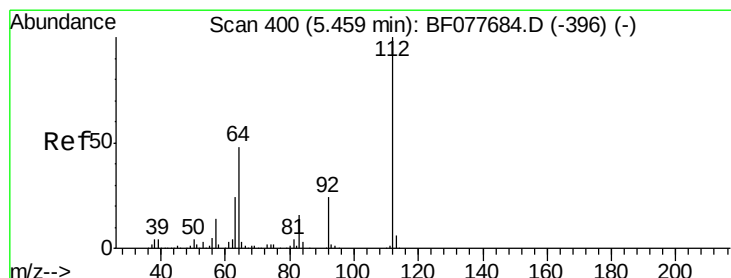
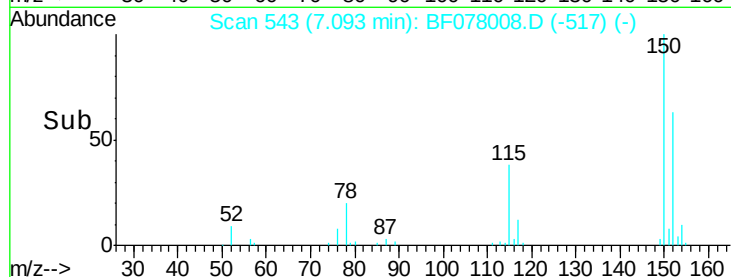
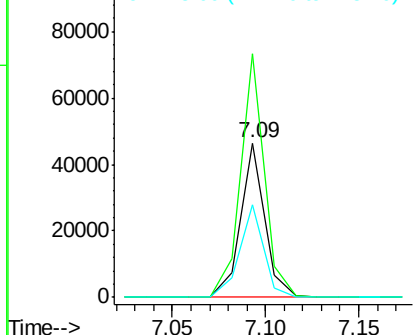
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078008.D
Acq: 26 Mar 2015 21:22

Instrument :
BNA_F
ClientSampleId :
PB82242BL

Tgt Ion:152 Resp: 41720
Ion Ratio Lower Upper
152 100
150 157.8 119.5 179.3
115 60.1 43.0 64.4



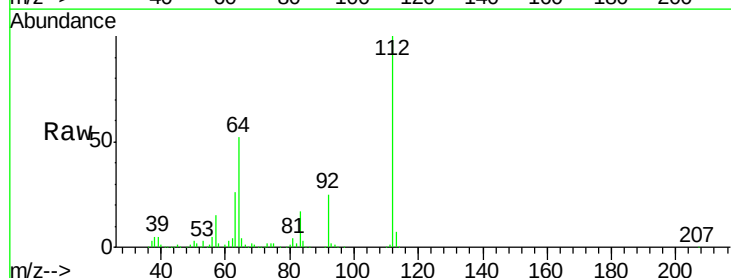
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



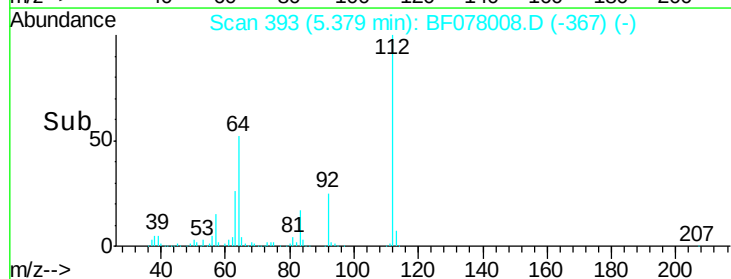
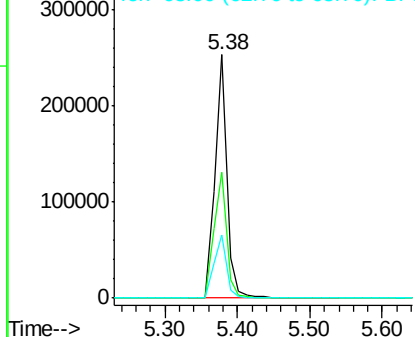
#5

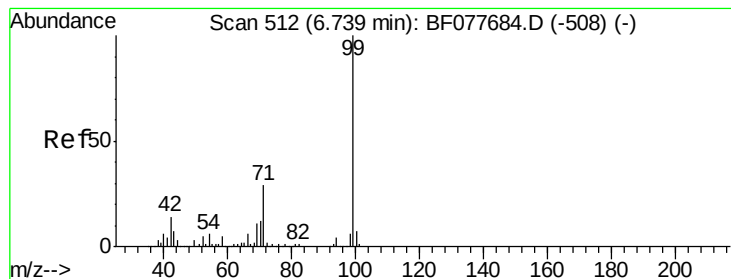
2-Fluorophenol
Concen: 121.32 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF078008.D
Acq: 26 Mar 2015 21:22

Tgt Ion:112 Resp: 289975
Ion Ratio Lower Upper
112 100
64 51.7 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: 116.77 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF078008.D

Acq: 26 Mar 2015 21:22

Instrument :

BNA_F

ClientSampleId :

PB82242BL

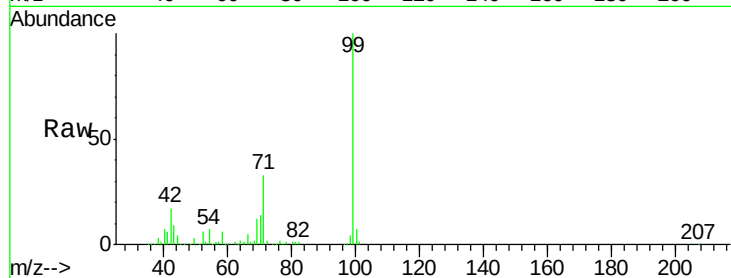
Tgt Ion: 99 Resp: 344811

Ion Ratio Lower Upper

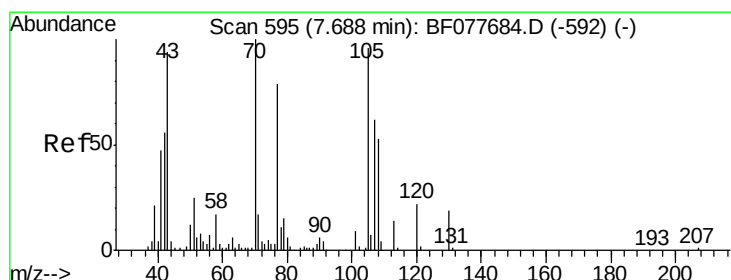
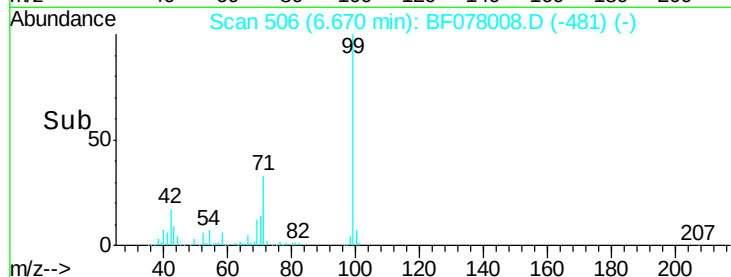
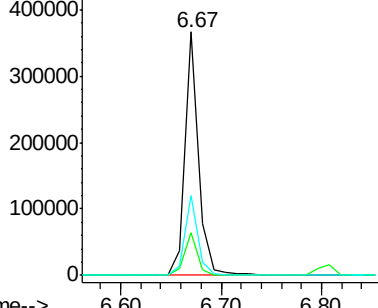
99 100

42 17.4 11.0 16.4#

71 32.9 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: 12.67 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF078008.D

Acq: 26 Mar 2015 21:22

Tgt Ion: 70 Resp: 25893

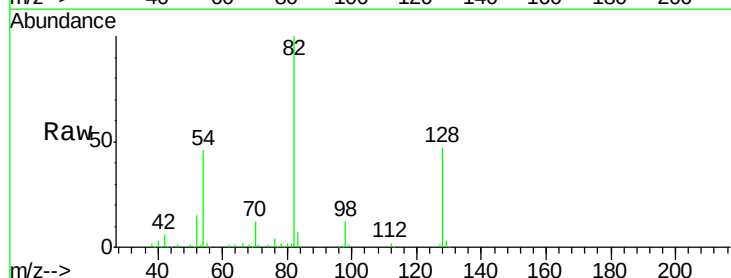
Ion Ratio Lower Upper

70 100

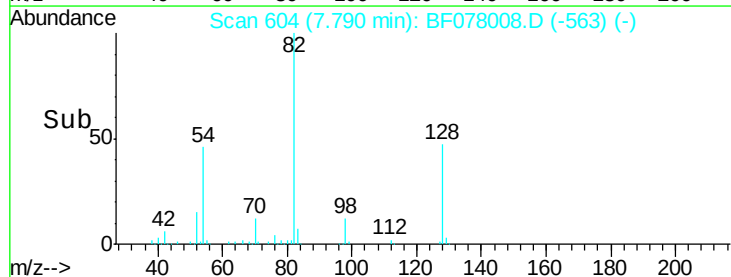
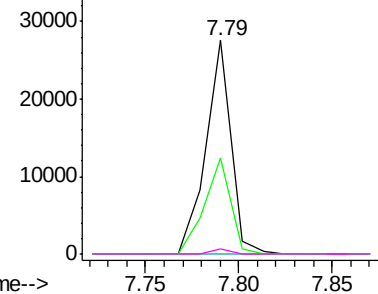
42 45.0 44.5 66.7

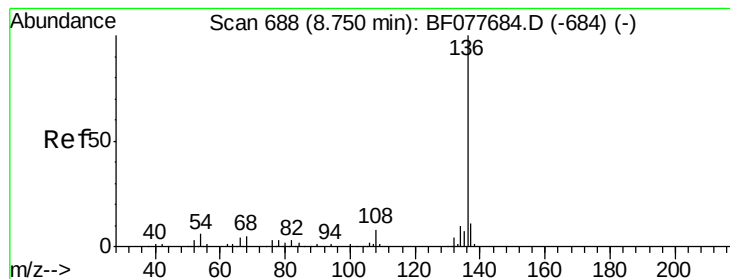
101 0.0 7.4 11.2#

130 2.6 15.3 22.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078008.D

Acq: 26 Mar 2015 21:22

Instrument :

BNA_F

ClientSampleId :

PB82242BL

Tgt Ion:136 Resp: 168077

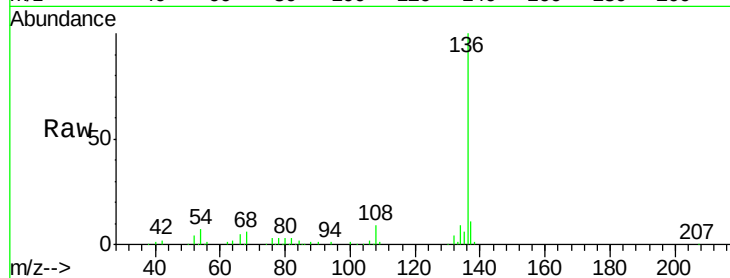
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.0 4.6 6.8#

68 5.5 3.7 5.5#

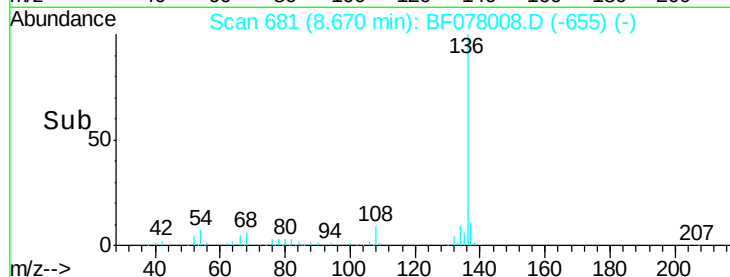


Abundance Ion 136.00 (135.70 to 136.70): E

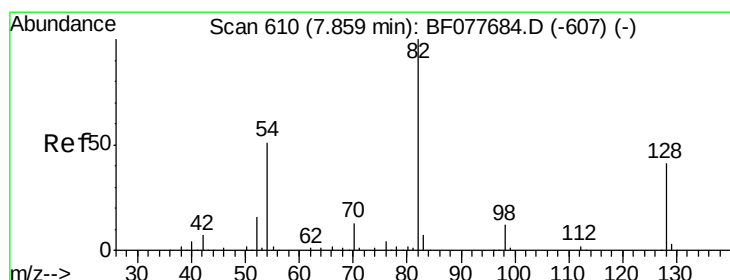
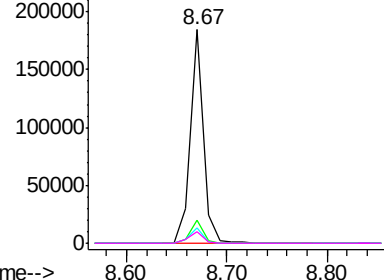
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 81.60 ng

RT: 7.79 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF078008.D

Acq: 26 Mar 2015 21:22

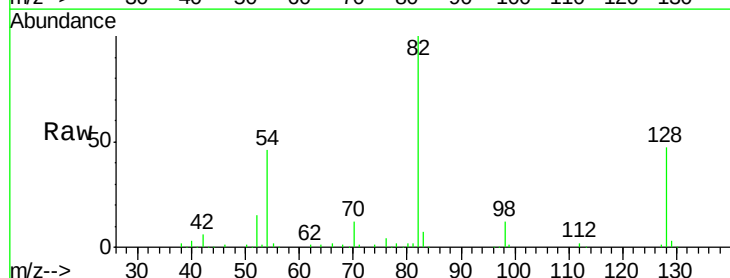
Tgt Ion: 82 Resp: 209230

Ion Ratio Lower Upper

82 100

128 47.0 32.8 49.2

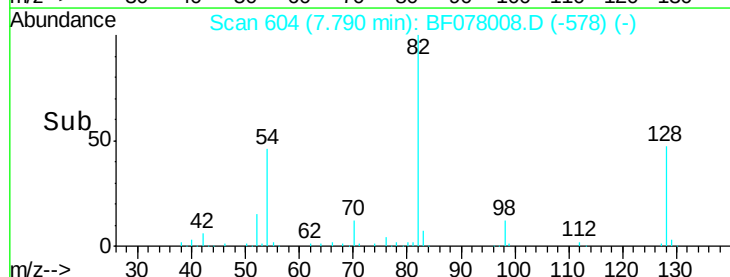
54 46.3 40.6 60.8



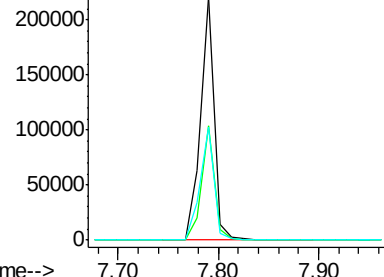
Abundance Ion 82.00 (81.70 to 82.70): BF0

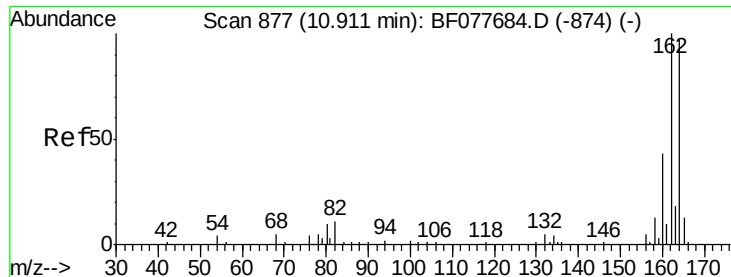
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

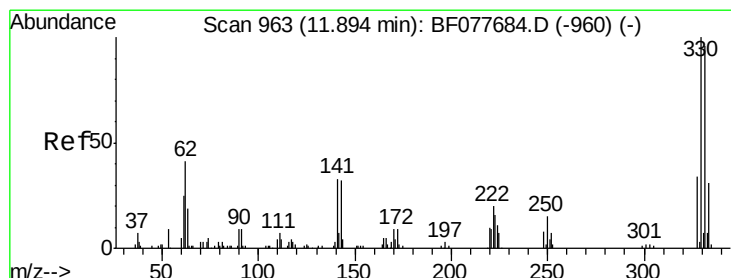
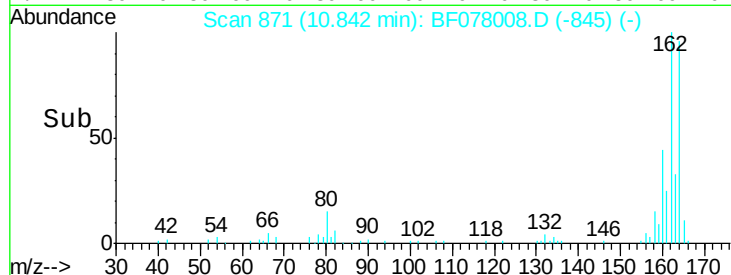
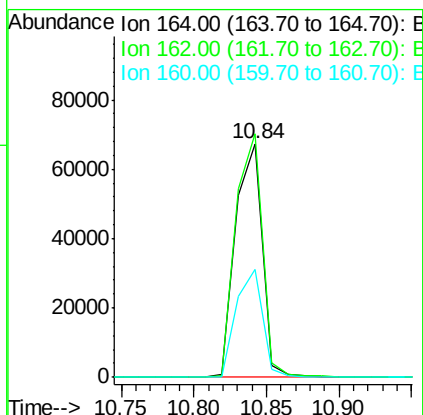
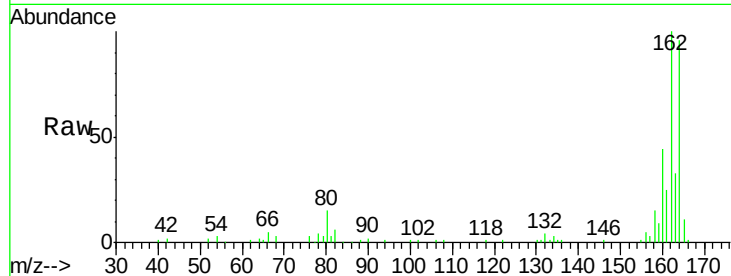




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

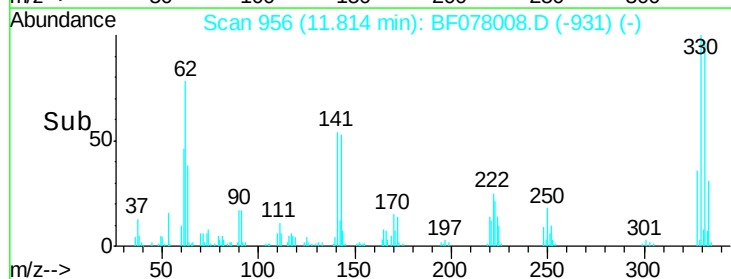
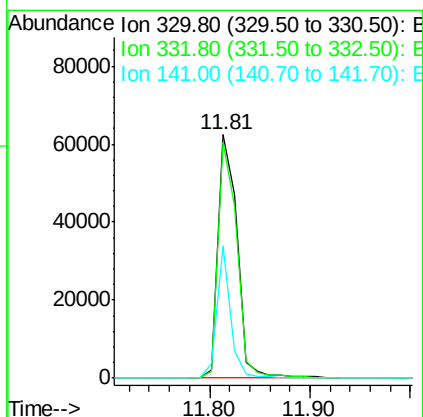
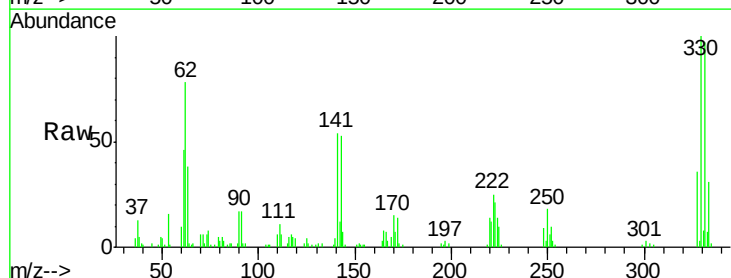
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BL

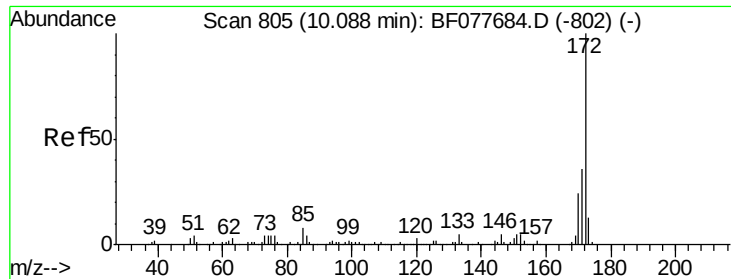
Tgt Ion:164 Resp: 85781
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.4 123.6
 160 46.2 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 100.24 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

Tgt Ion:330 Resp: 82268
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 39.1 0.0 0.0#

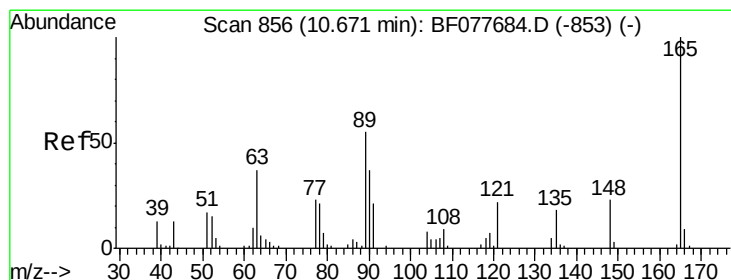
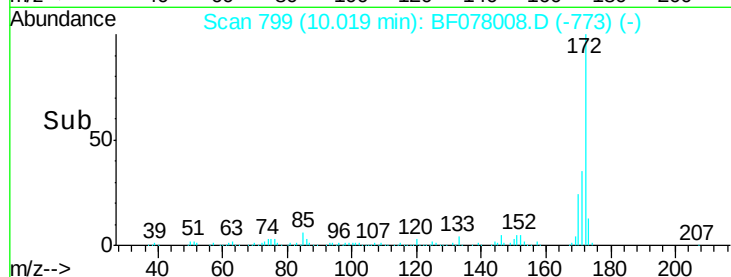
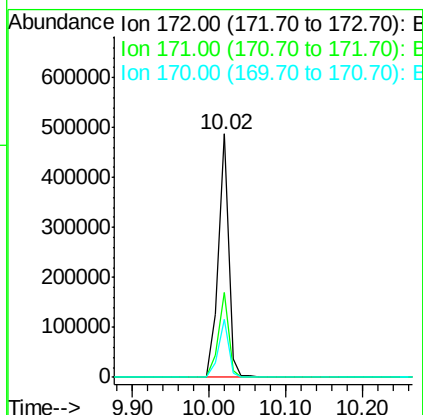
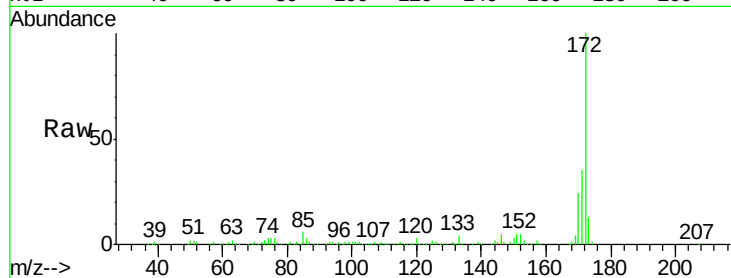




#44
 2-Fluorobiphenyl
 Concen: 77.95 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

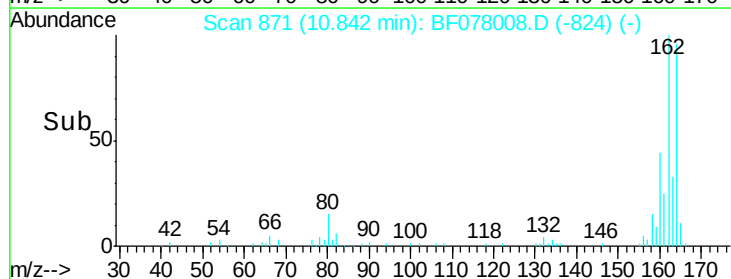
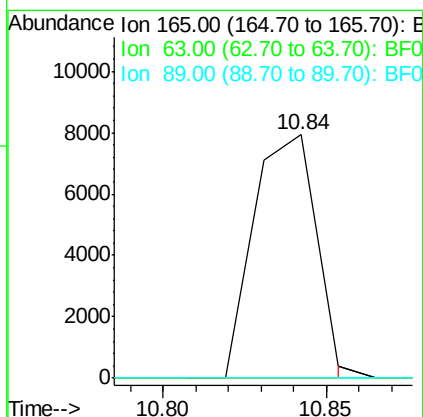
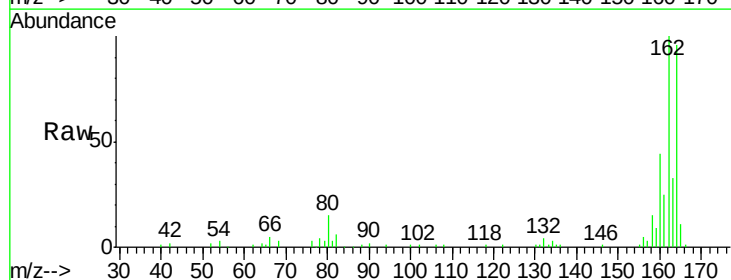
Instrument :
 BNA_F
 ClientSampleId :
 PB82242BL

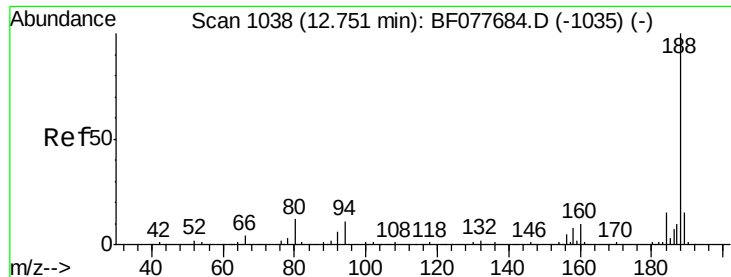
Tgt Ion:172 Resp: 455019
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.6 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

Tgt Ion:165 Resp: 10587
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

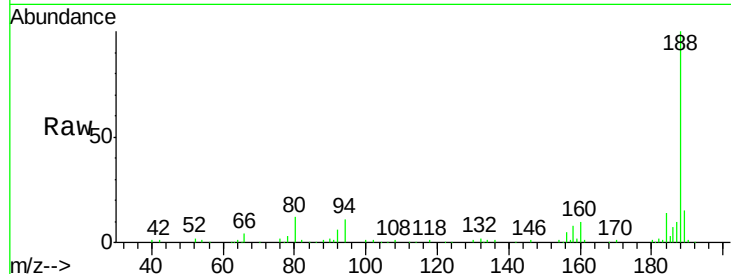




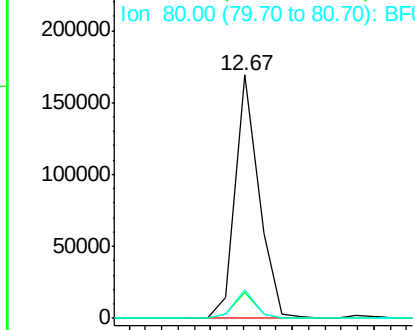
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BL

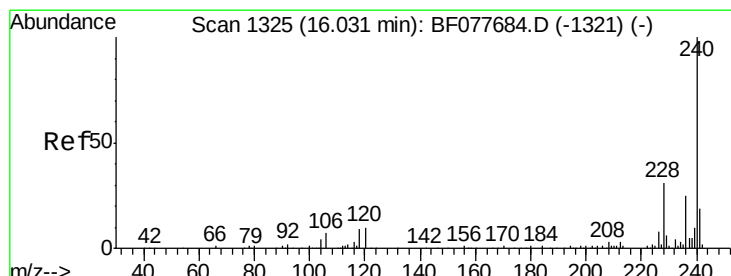
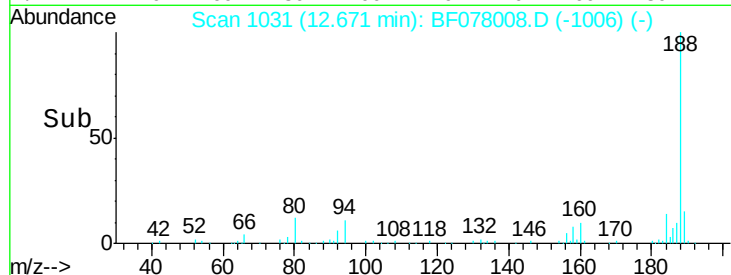
Tgt Ion:188 Resp: 170364
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.7 13.1
 80 11.7 9.3 13.9



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

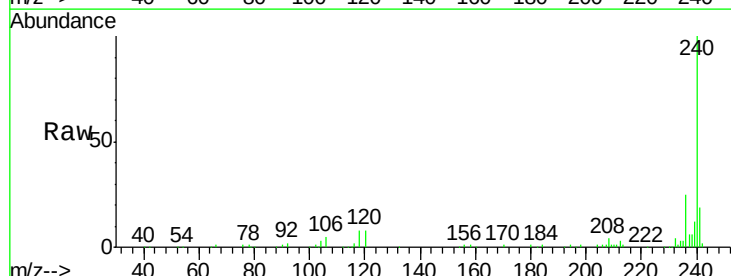


Time--> 12.60 12.65 12.70 12.75

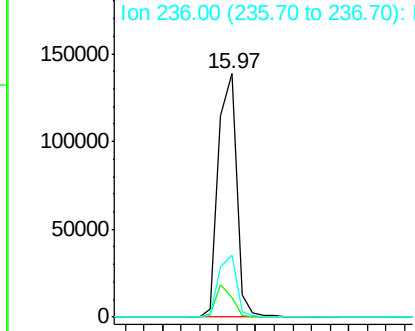


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. -0.03 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

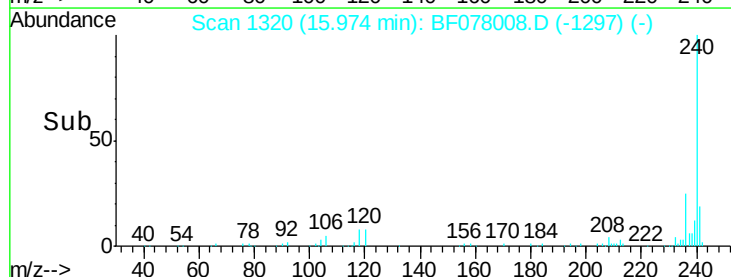
Tgt Ion:240 Resp: 189105
 Ion Ratio Lower Upper
 240 100
 120 8.0 8.2 12.2#
 236 25.3 20.0 30.0

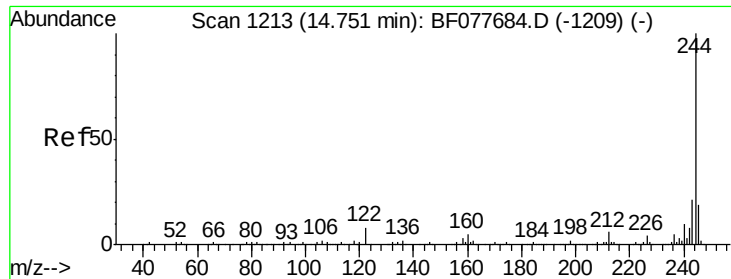


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 15.90 16.00 16.10

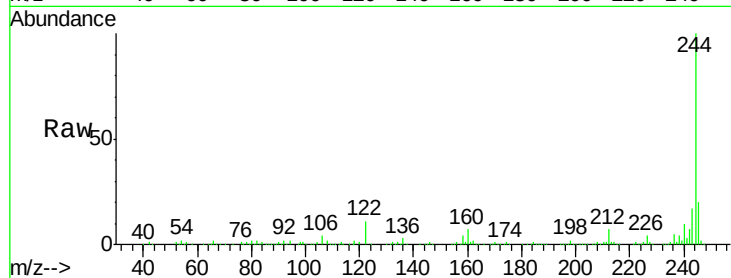




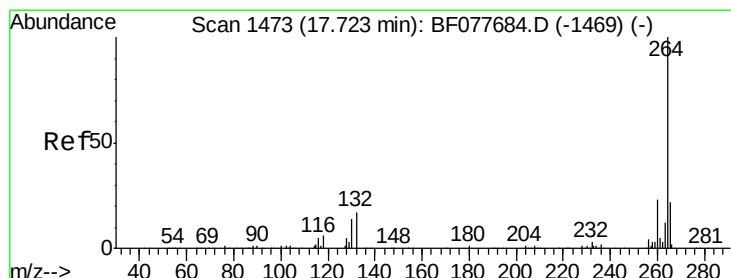
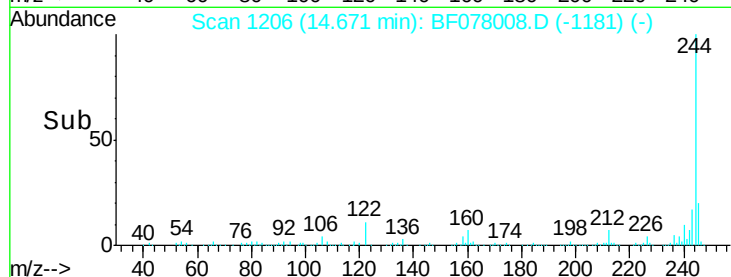
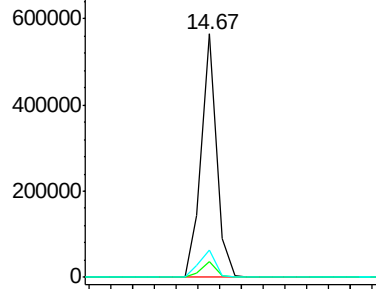
#78
 Terphenyl-d14
 Concen: 71.53 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82242BL

Tgt Ion:244 Resp: 553738
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 11.5 6.2 9.4#

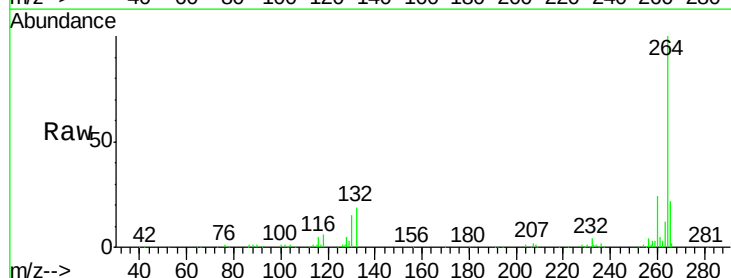


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. -0.11 min
 Lab File: BF078008.D
 Acq: 26 Mar 2015 21:22

Tgt Ion:264 Resp: 174703
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 22.0 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

