

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
 Data File : BF083637.D
 Acq On : 9 Dec 2015 13:50
 Operator : UM/IZ
 Sample : PB87006BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BL

Quant Time: Dec 10 00:32:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

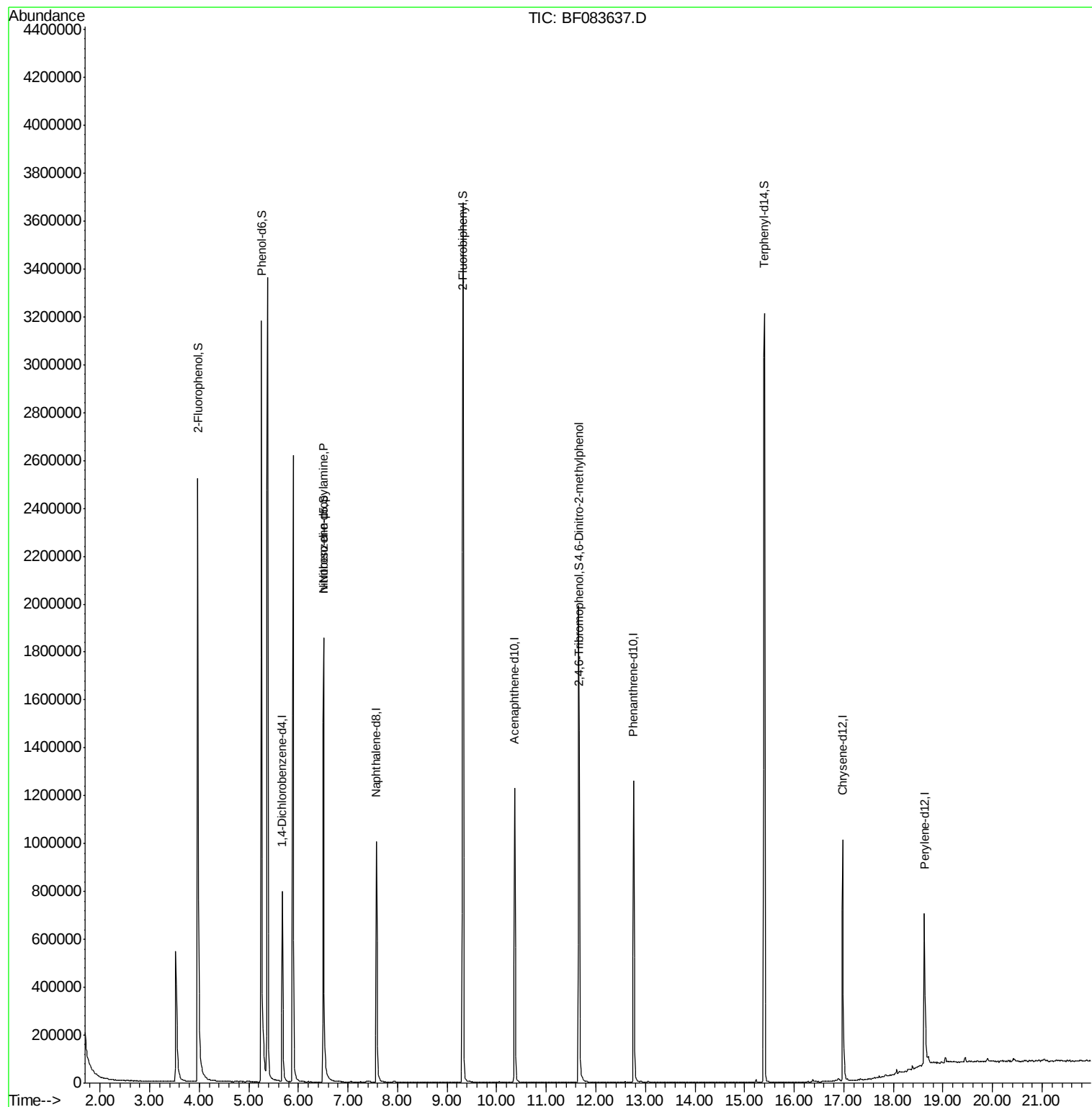
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	169499	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	687484	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	362658	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	707411	20.00	ng	-0.02
75) Chrysene-d12	16.98	240	605082	20.00	ng	-0.01
86) Perylene-d12	18.63	264	450556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.97	112	1267352	113.41	ng	0.00
7) Phenol-d6	5.25	99	1722821	115.38	ng	-0.02
23) Nitrobenzene-d5	6.51	82	1092545	74.15	ng	-0.02
41) 2,4,6-Tribromophenol	11.67	330	358081	110.83	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1775664	68.91	ng	-0.02
78) Terphenyl-d14	15.40	244	1830719	71.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	136673	13.11	ng	# 78
64) 4,6-Dinitro-2-methylphenol	11.65	198	642	2.07	ng	# 1

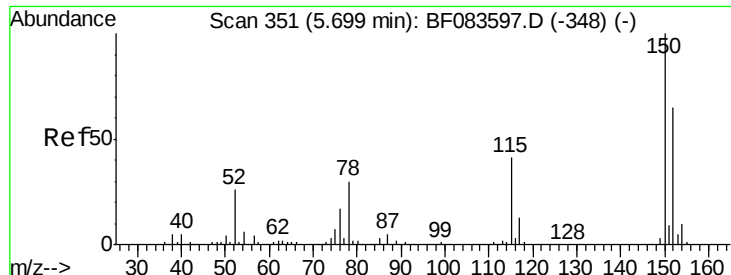
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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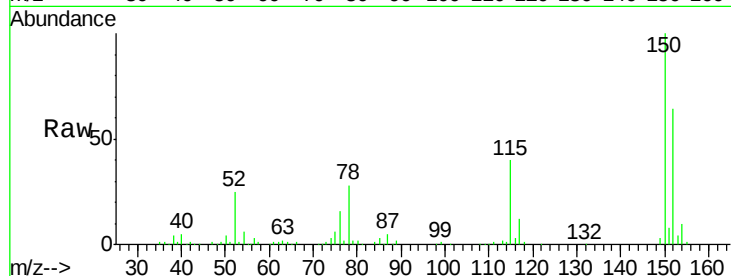


#1

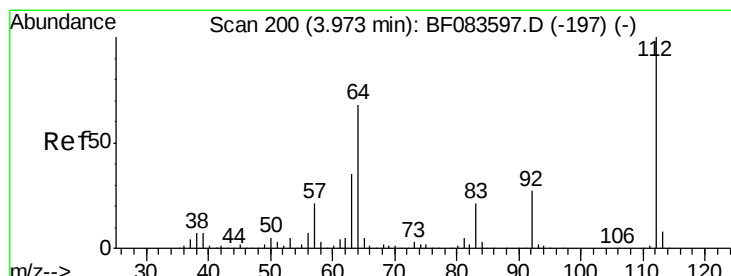
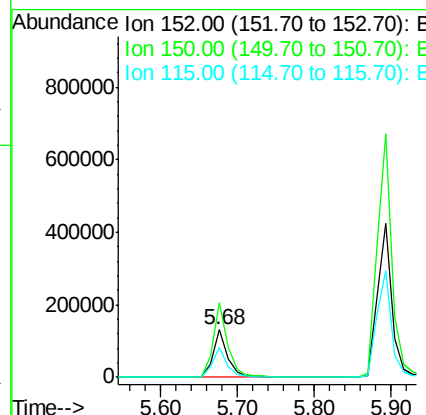
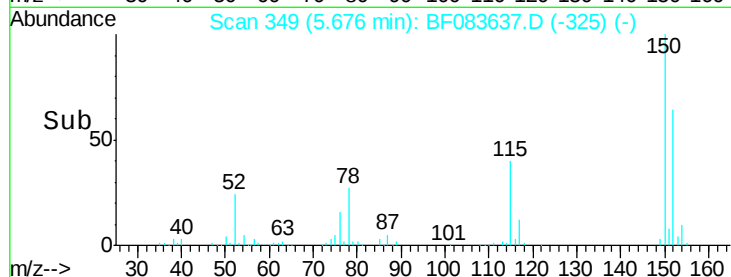
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.68 min Scan# 349
Delta R.T. -0.02 min
Lab File: BF083637.D
Acq: 9 Dec 2015 13:50

Instrument :
BNA_F
ClientSampleId :
PB87006BL

Tgt Ion:152 Resp: 169499
Ion Ratio Lower Upper
152 100
150 156.8 126.5 189.7
115 62.8 52.3 78.5



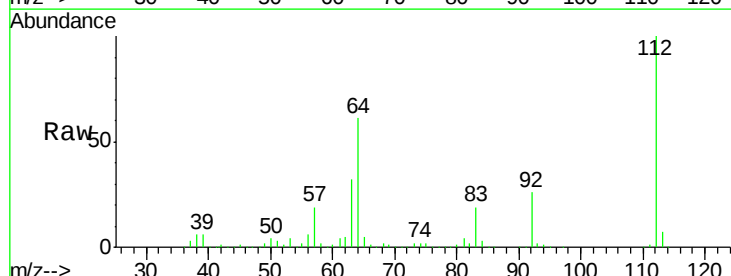
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



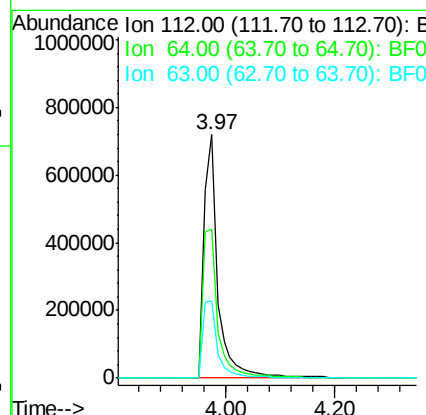
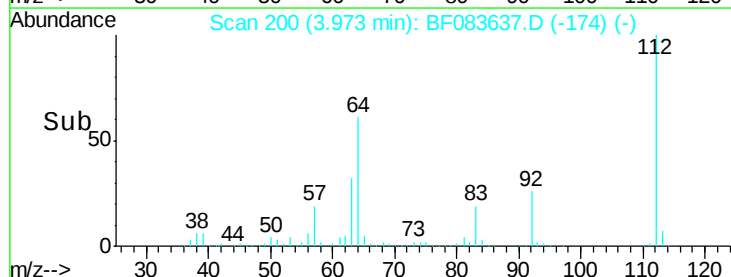
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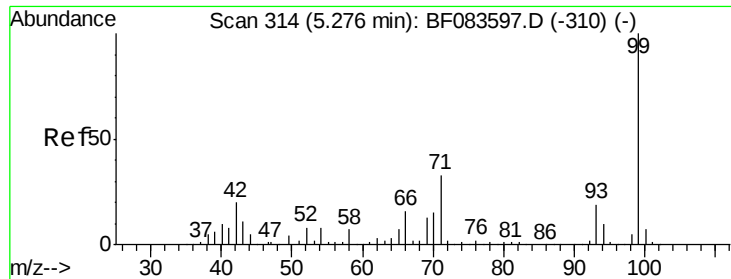
2-Fluorophenol
Concen: 113.41 ng
RT: 3.97 min Scan# 200
Delta R.T. 0.00 min
Lab File: BF083637.D
Acq: 9 Dec 2015 13:50

Tgt Ion:112 Resp: 1267352
Ion Ratio Lower Upper
112 100
64 61.2 50.5 75.7
63 31.6 25.8 38.6



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: 115.38 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

PB87006BL

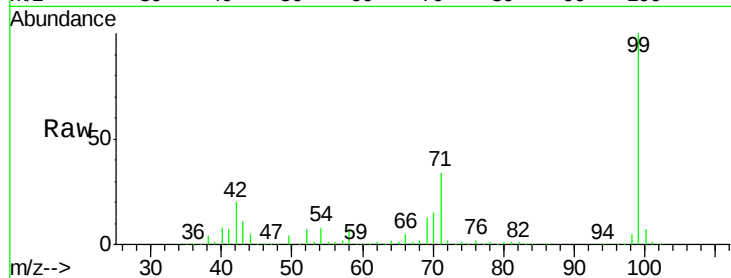
Tgt Ion: 99 Resp: 1722821

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

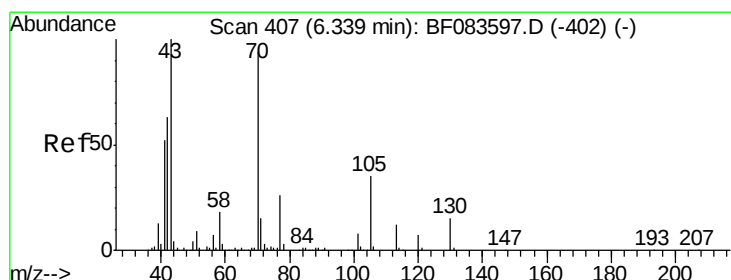
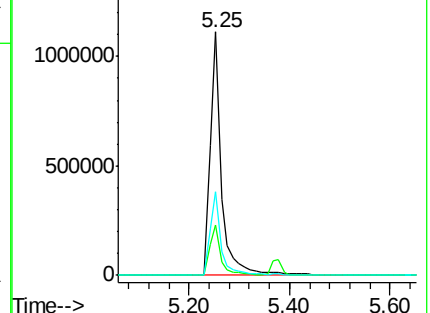
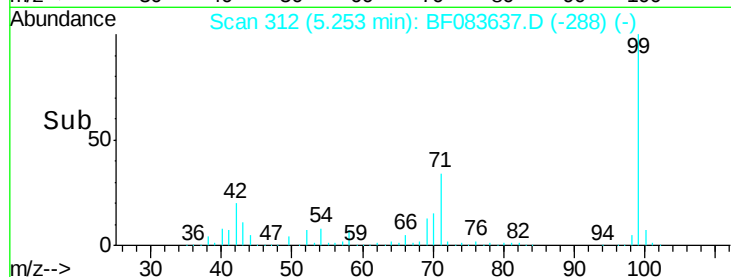
71 34.1 26.6 40.0



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: 13.11 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.17 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

Tgt Ion: 70 Resp: 136673

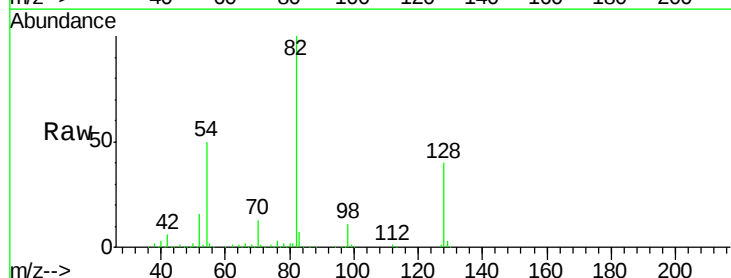
Ion Ratio Lower Upper

70 100

42 48.3 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

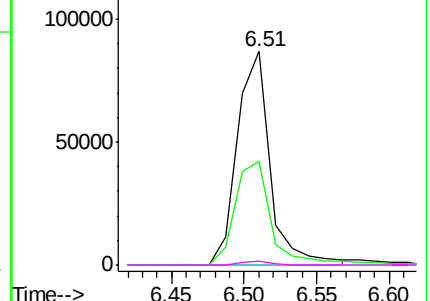
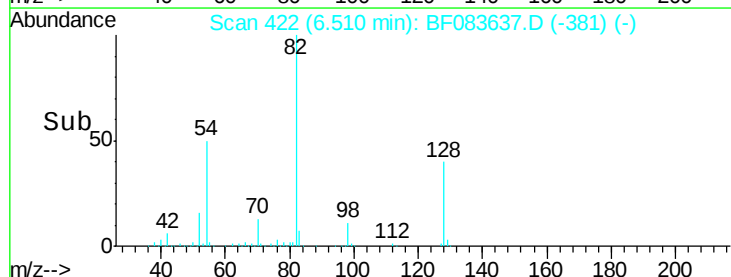


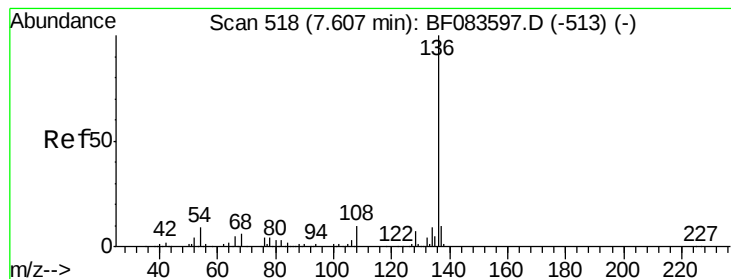
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

PB87006BL

Tgt Ion:136 Resp: 687484

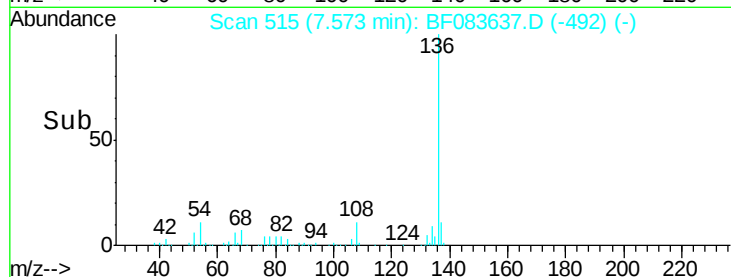
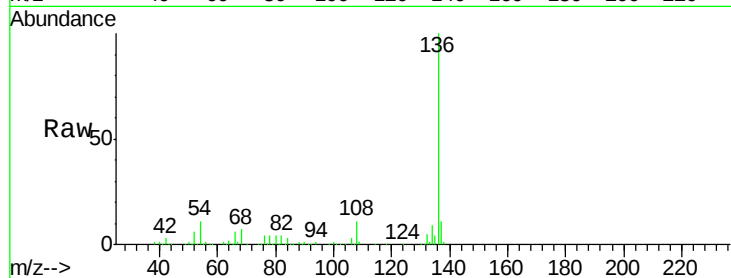
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.5 7.8 11.6

68 7.3 5.7 8.5

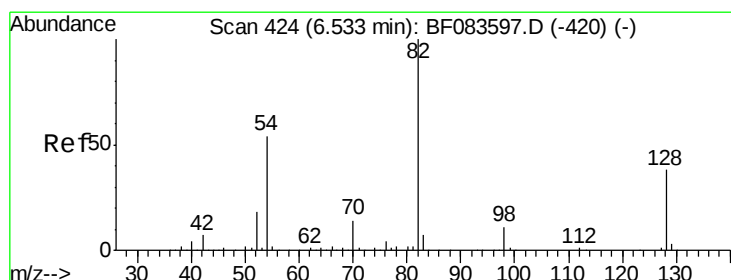
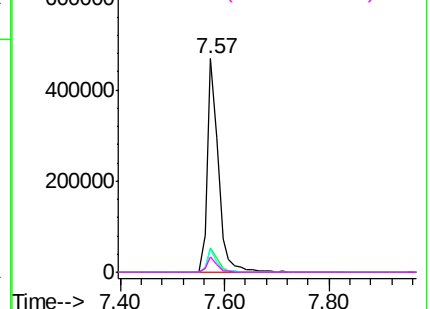


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.15 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

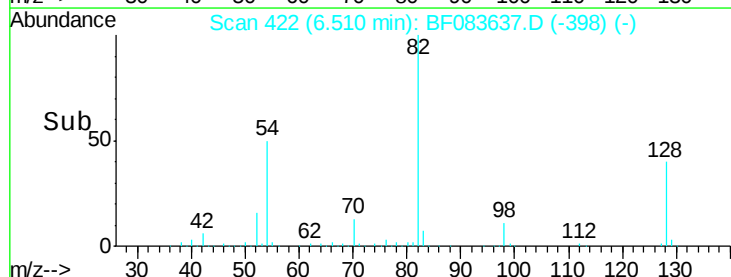
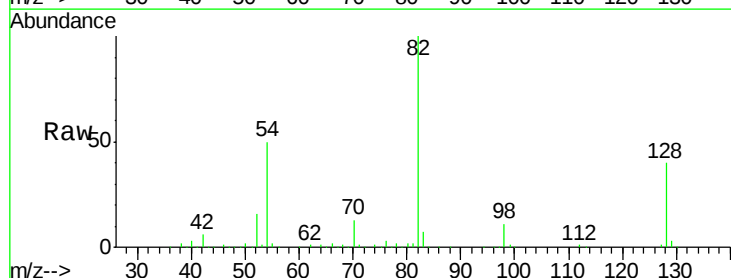
Tgt Ion: 82 Resp: 1092545

Ion Ratio Lower Upper

82 100

128 40.3 30.7 46.1

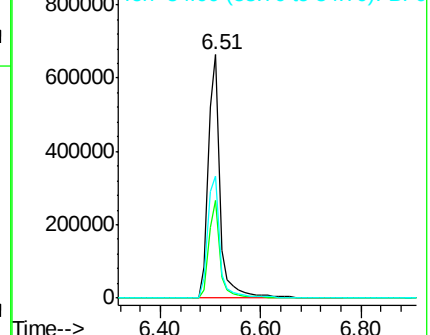
54 50.0 42.5 63.7

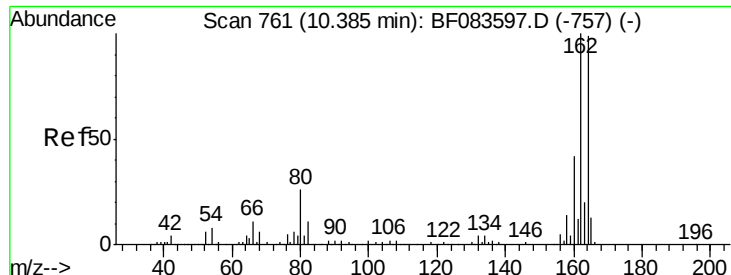


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.36 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

PB87006BL

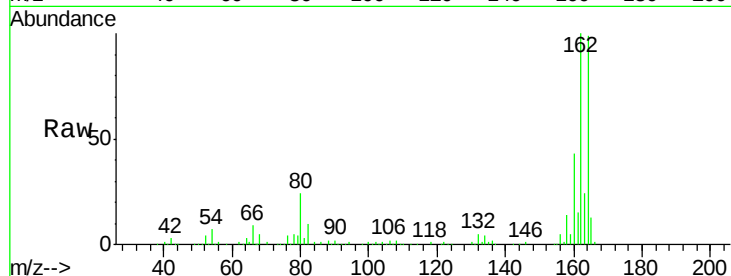
Tgt Ion:164 Resp: 362658

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

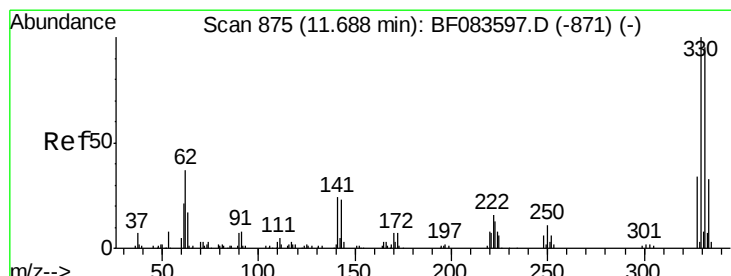
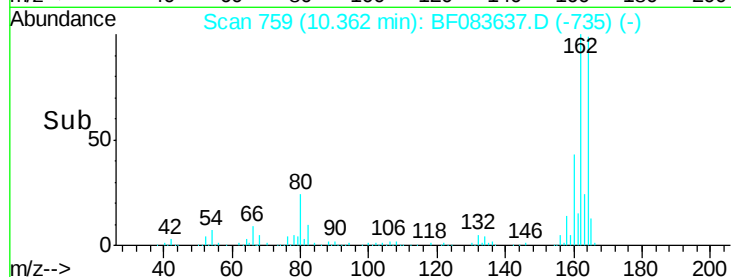
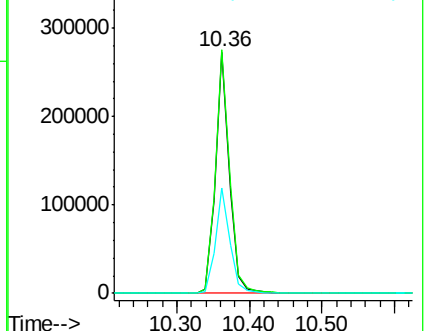
160 43.7 33.4 50.2



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: 110.83 ng

RT: 11.67 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

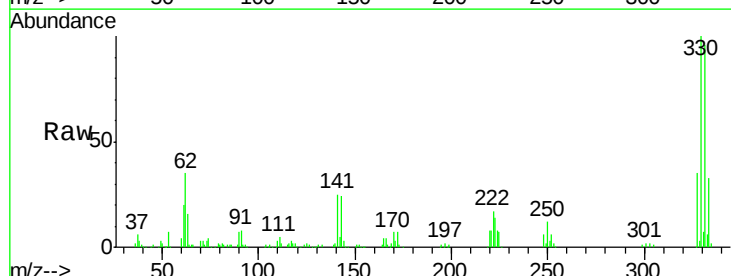
Tgt Ion:330 Resp: 358081

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

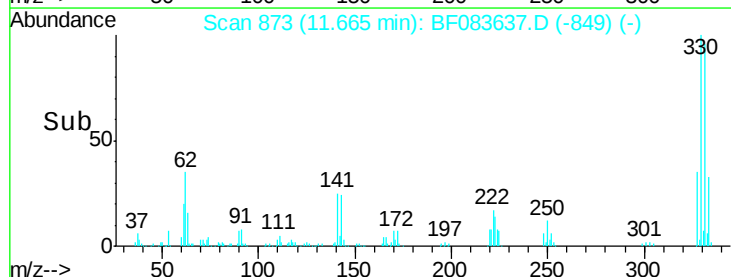
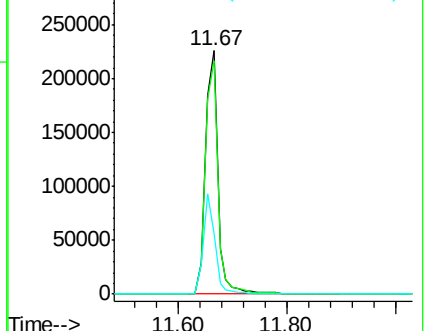
141 38.2 0.0 0.0#

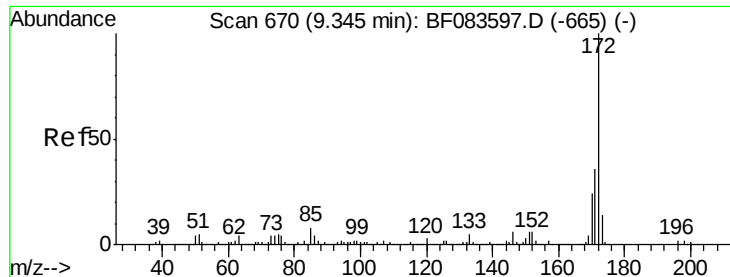


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 68.91 ng

RT: 9.32 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

Instrument :

BNA_F

ClientSampleId :

PB87006BL

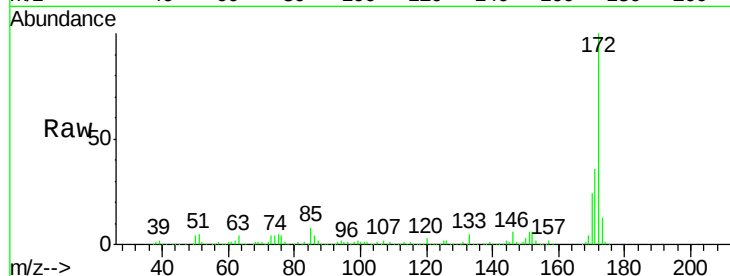
Tgt Ion:172 Resp: 1775664

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

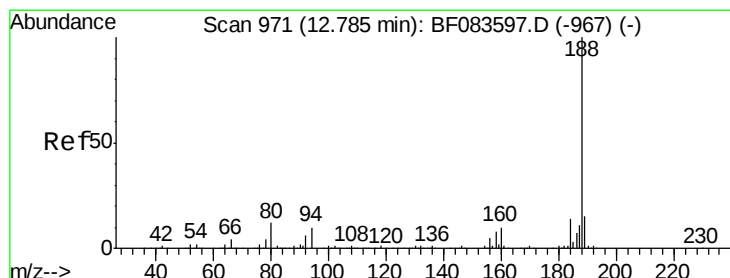
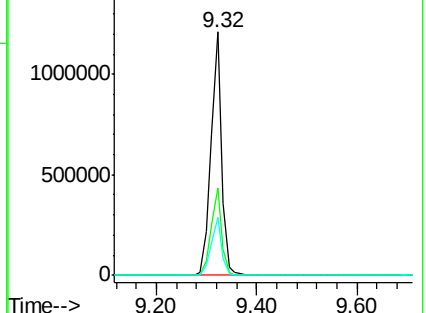
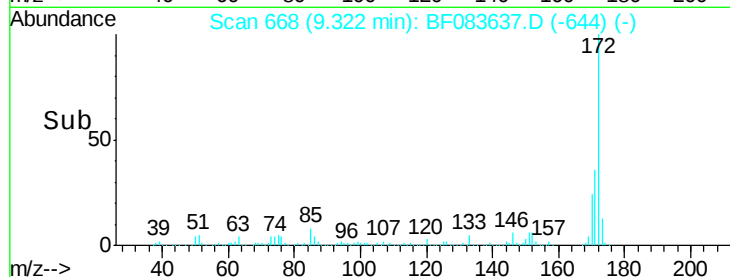
170 23.8 19.4 29.0



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: 12.76 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF083637.D

Acq: 9 Dec 2015 13:50

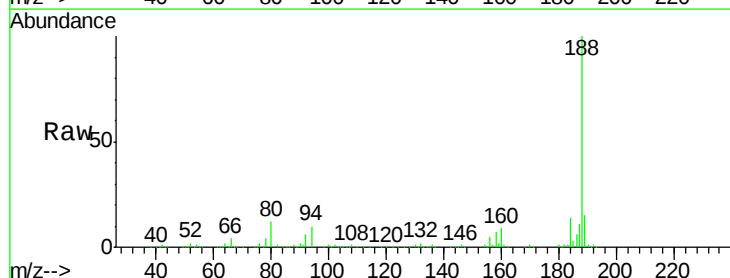
Tgt Ion:188 Resp: 707411

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

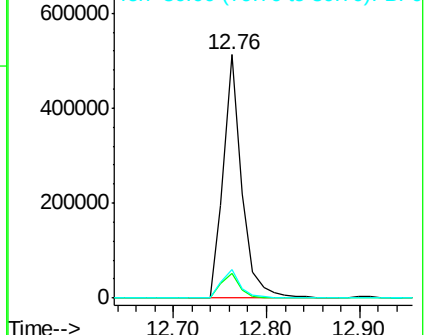
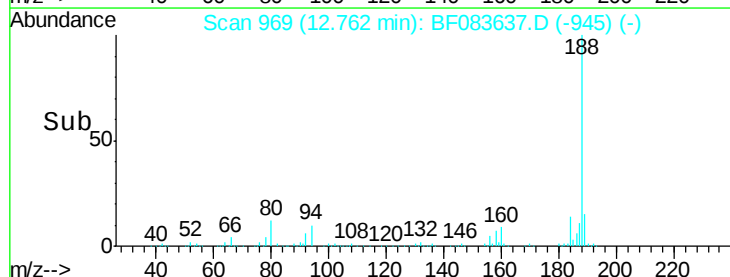
80 11.8 10.6 16.0

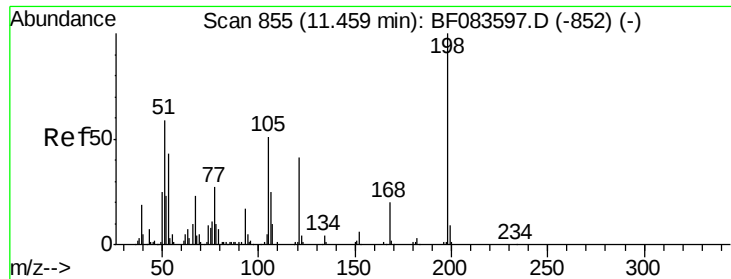


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

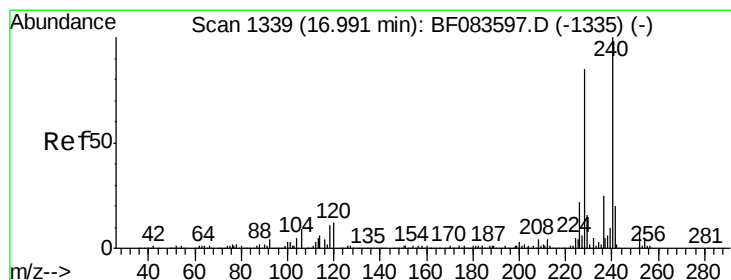
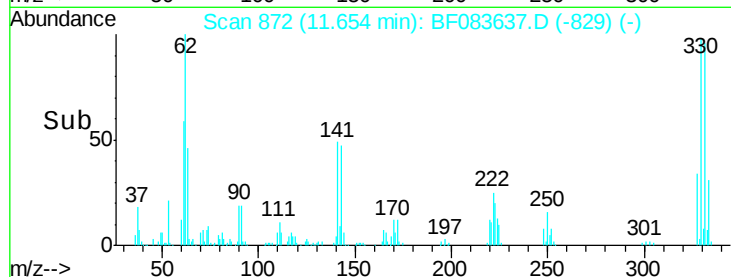
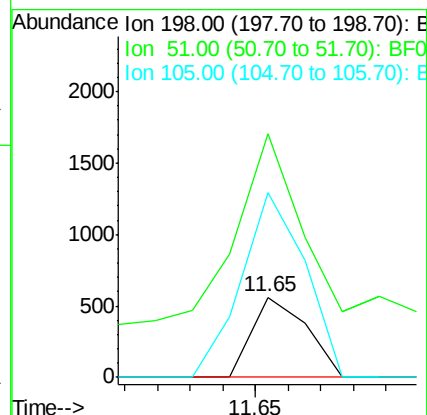
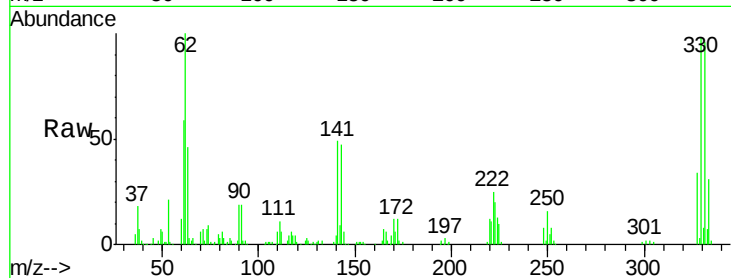




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.07 ng
 RT: 11.65 min Scan# 872
 Delta R.T. 0.19 min
 Lab File: BF083637.D
 Acq: 9 Dec 2015 13:50

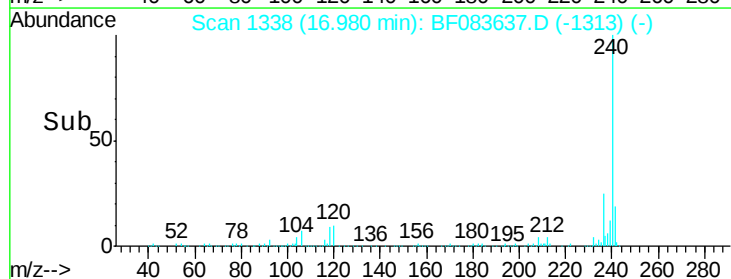
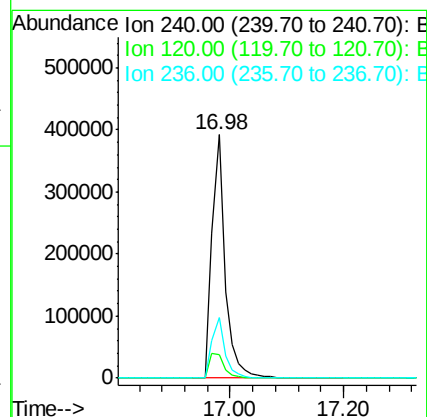
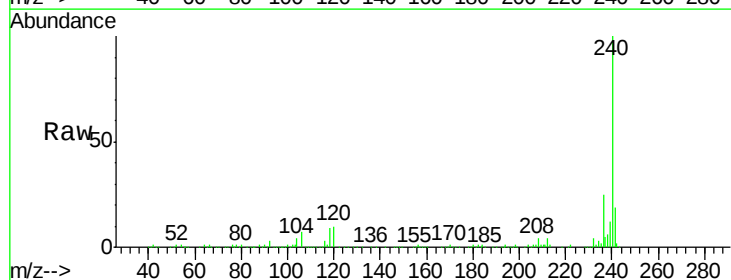
Instrument :
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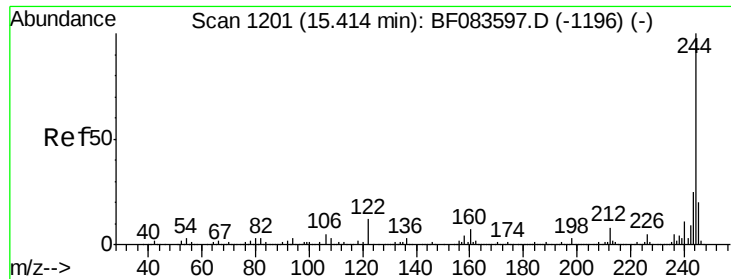
Tgt Ion:198 Resp: 642
 Ion Ratio Lower Upper
 198 100
 51 304.3 53.8 93.8#
 105 230.5 38.6 78.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.98 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF083637.D
 Acq: 9 Dec 2015 13:50

Tgt Ion:240 Resp: 605082
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.1 12.1
 236 25.0 20.8 31.2

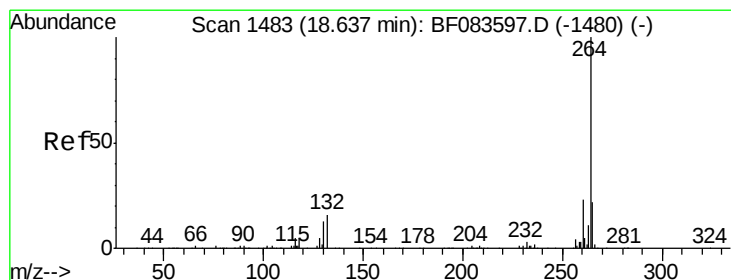
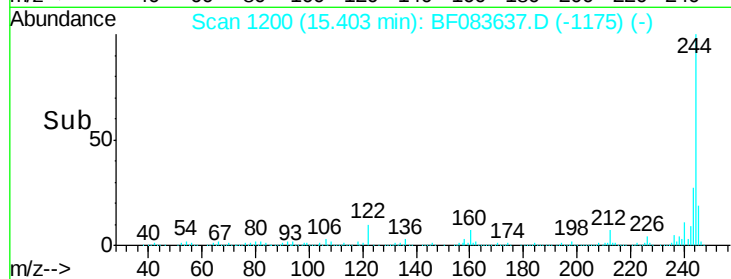
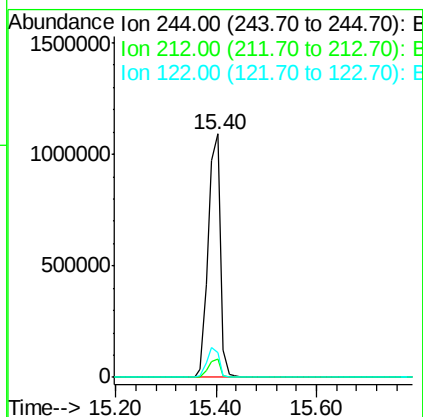
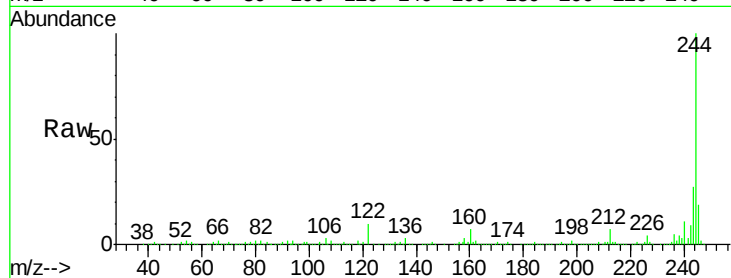




#78
 Terphenyl-d14
 Concen: 71.19 ng
 RT: 15.40 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF083637.D
 Acq: 9 Dec 2015 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BL

Tgt Ion:244 Resp: 1830719
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.0 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083637.D
 Acq: 9 Dec 2015 13:50

Tgt Ion:264 Resp: 450556
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.5 17.8 26.6

