

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003808.D
 Acq On : 25 Dec 2015 09:55
 Operator : UM/SJ
 Sample : G4952-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-09

Quant Time: Dec 28 18:02:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

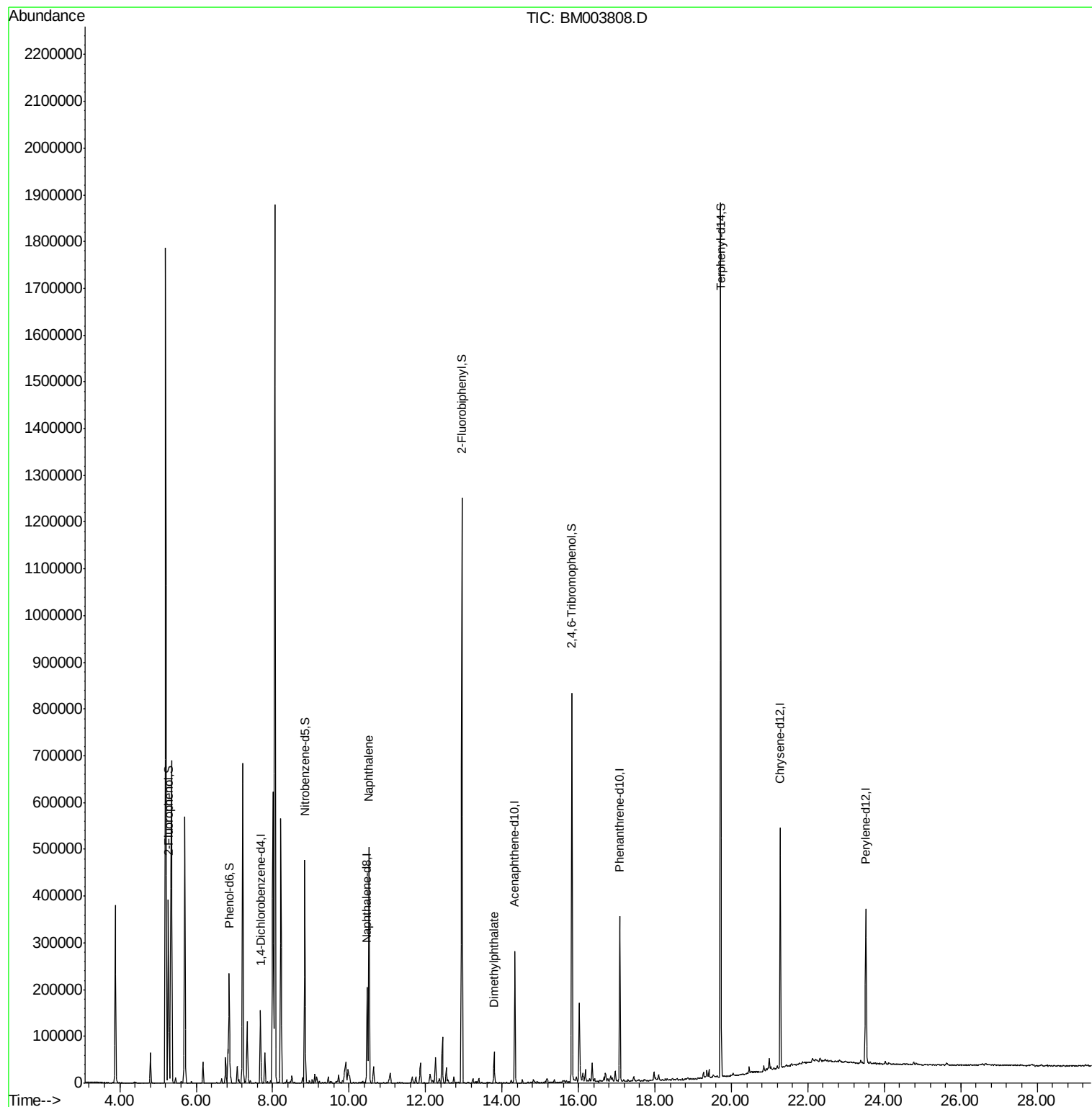
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	42935	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	176968	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	93378	20.00	ng	-0.04
63) Phenanthrene-d10	17.08	188	199885	20.00	ng	-0.04
75) Chrysene-d12	21.28	240	230170	20.00	ng	-0.04
86) Perylene-d12	23.52	264	231732	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	176353	73.03	ng	-0.03
7) Phenol-d6	6.86	99	142802	42.58	ng	-0.03
23) Nitrobenzene-d5	8.84	82	285450	100.01	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	143815	154.22	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	650454	94.90	ng	-0.04
78) Terphenyl-d14	19.72	244	779220	79.84	ng	-0.04
Target Compounds						
31) Naphthalene	10.52	128	429713	46.40	ng	Qvalue 100
49) Dimethylphthalate	13.79	163	43359	5.63	ng	# 98

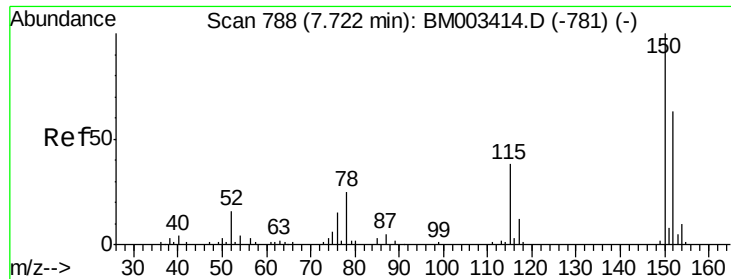
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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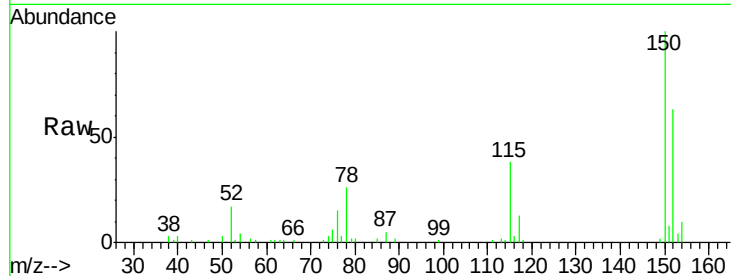


#1

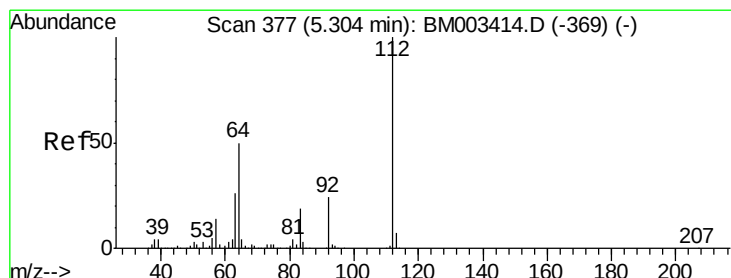
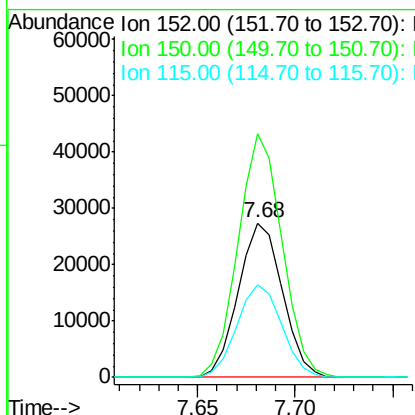
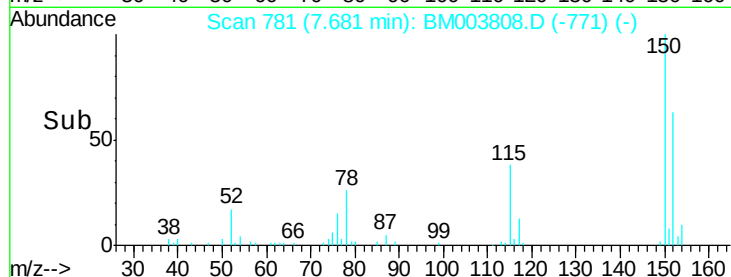
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003808.D
Acq: 25 Dec 2015 09:55

Instrument :
BNA_M
ClientSampleId :
MW-09

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	119.5	179.3
115	60.3	43.0	64.4



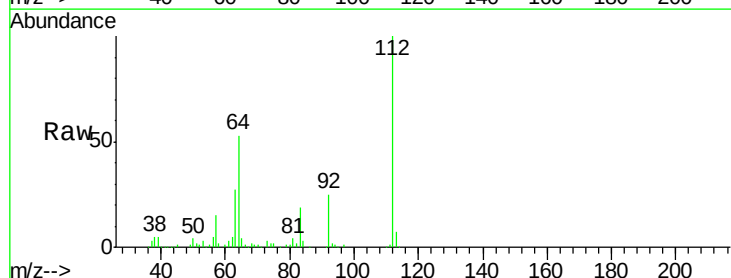
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



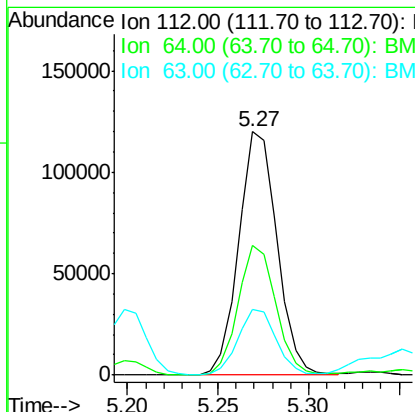
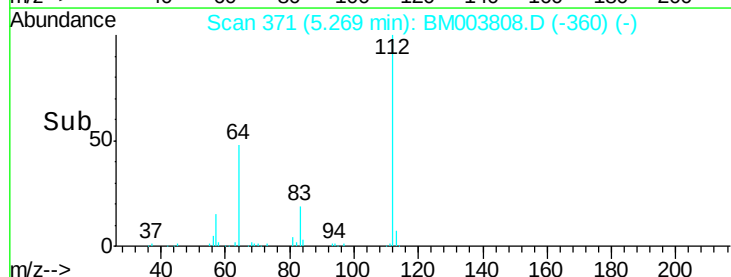
#5

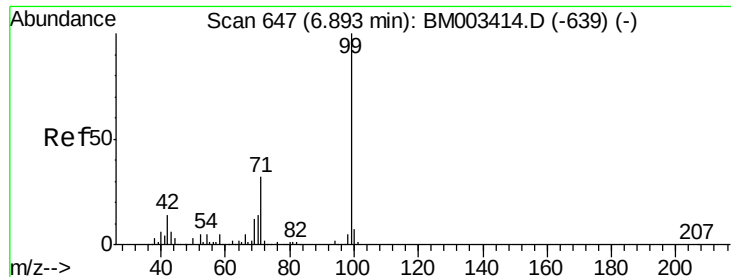
2-Fluorophenol
Concen: 73.03 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.03 min
Lab File: BM003808.D
Acq: 25 Dec 2015 09:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	38.6	57.8
63	27.2	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 42.58 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003808.D

Acq: 25 Dec 2015 09:55

Instrument :

BNA_M

ClientSampleId :

MW-09

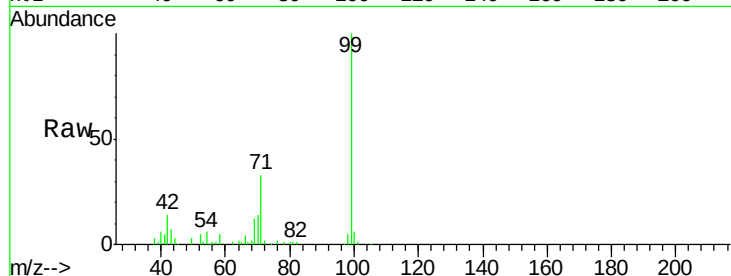
Tot Ion: 99 Resp: 142802

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

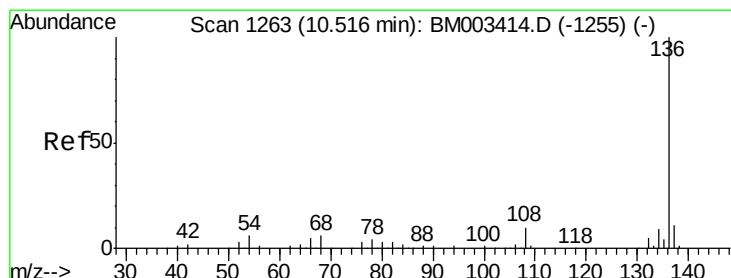
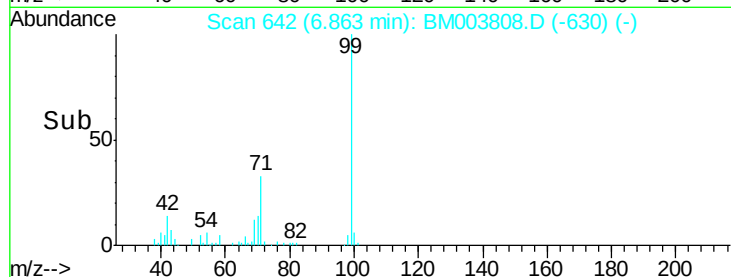
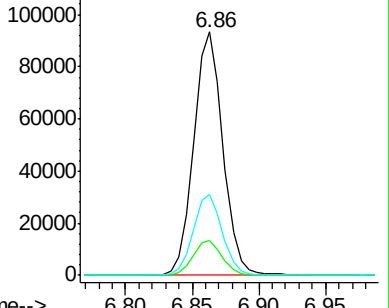
71 33.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BM003808.D

Acq: 25 Dec 2015 09:55

Tgt Ion: 136 Resp: 176968

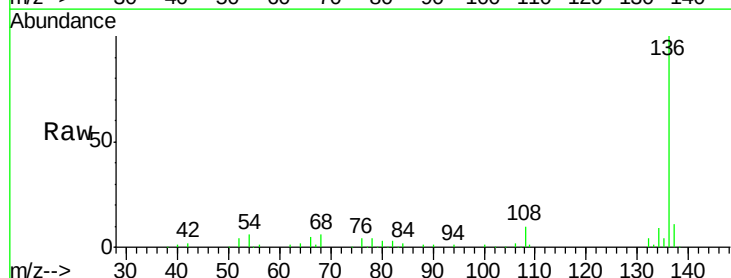
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 4.6 6.8

68 6.1 3.7 5.5#

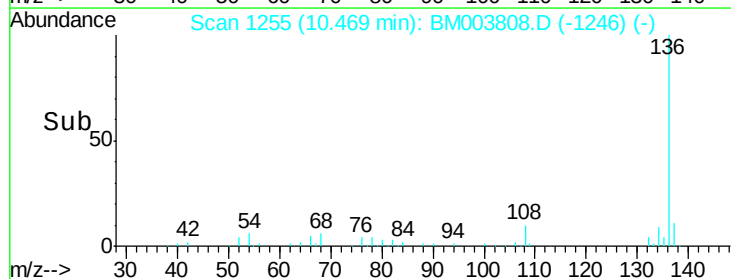
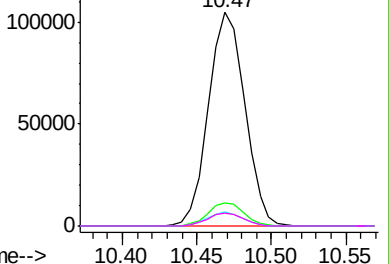


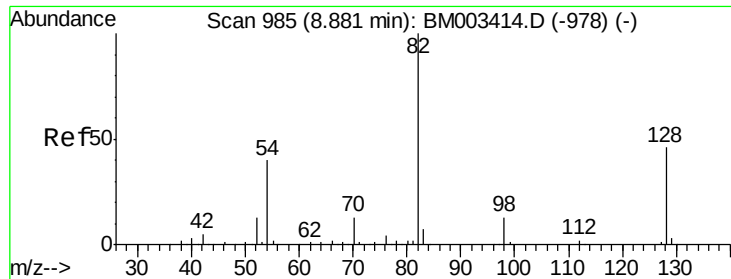
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

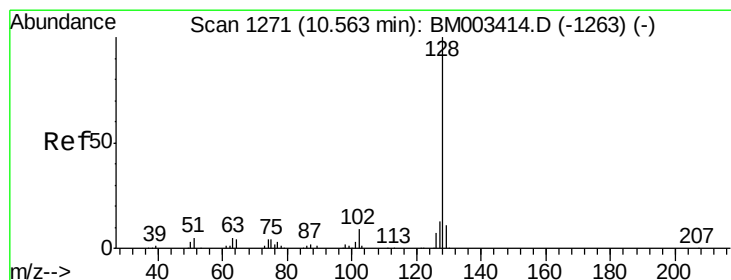
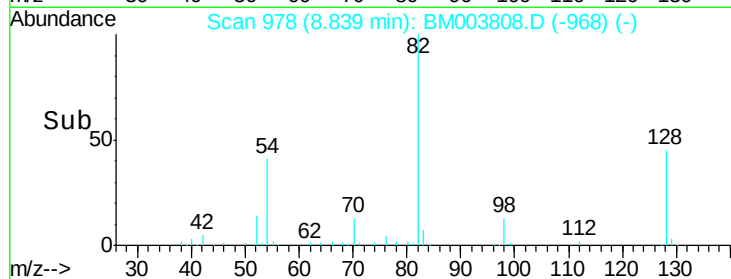
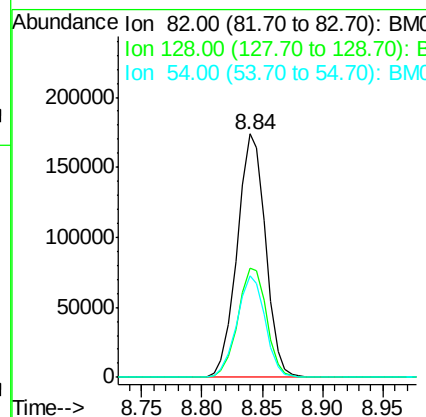
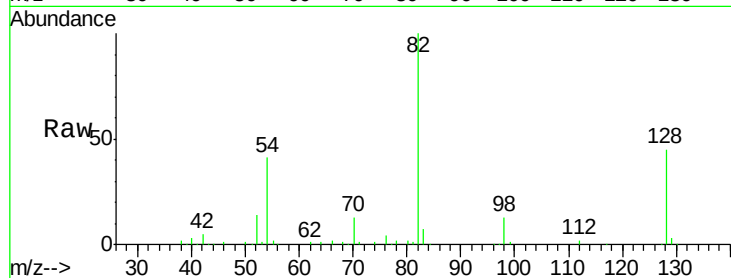




#23
 Nitrobenzene-d5
 Concen: 100.01 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM003808.D
 Acq: 25 Dec 2015 09:55

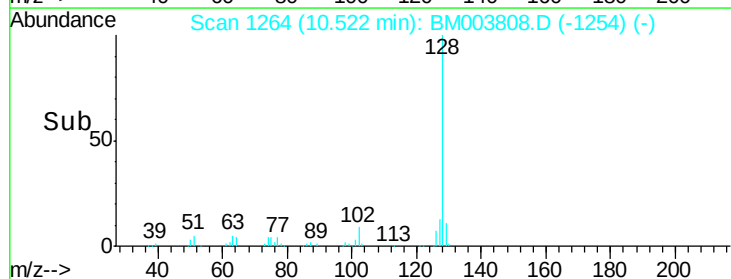
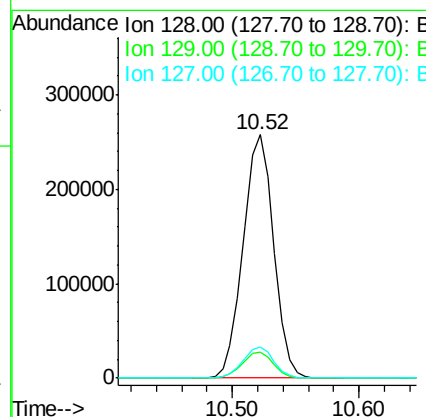
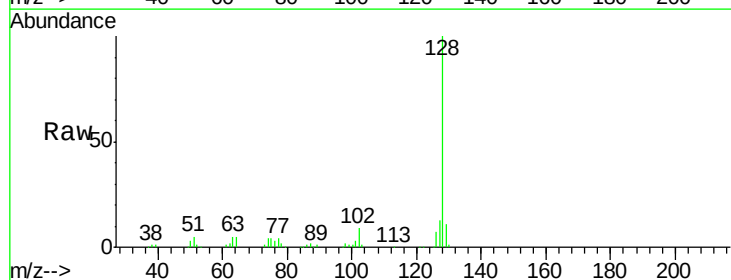
Instrument :
 BNA_M
 ClientSampleId :
 MW-09

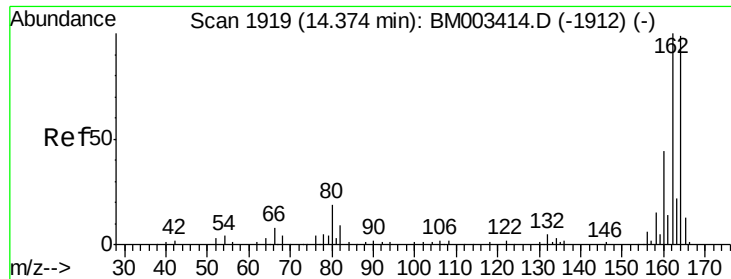
Tot Ion	82	Resp	285450
Ion Ratio	100	Lower	Upper
128	45.0	32.8	49.2
54	41.5	40.6	60.8



#31
 Naphthalene
 Concen: 46.40 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.04 min
 Lab File: BM003808.D
 Acq: 25 Dec 2015 09:55

Tgt Ion	128	Resp	429713
Ion Ratio	100	Lower	Upper
129	10.8	8.9	13.3
127	13.0	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.04 min

Lab File: BM003808.D

Acq: 25 Dec 2015 09:55

Instrument :

BNA_M

ClientSampleId :

MW-09

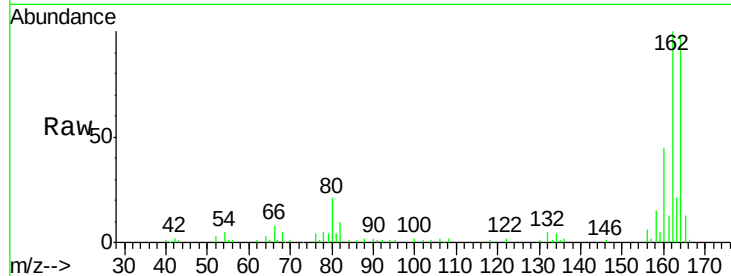
Tot Ion:164 Resp: 93378

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

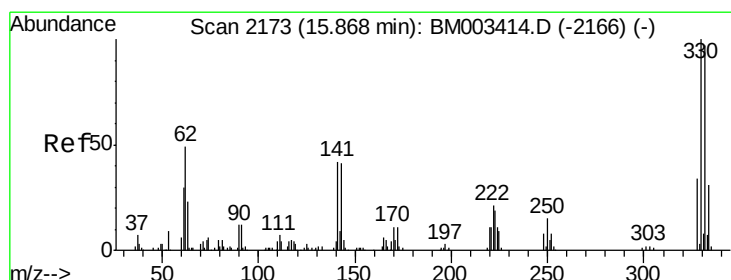
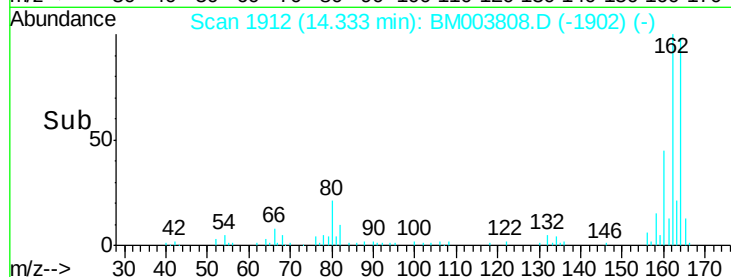
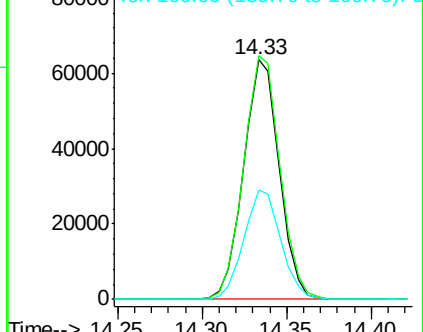
160 45.7 35.8 53.6



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: 154.22 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BM003808.D

Acq: 25 Dec 2015 09:55

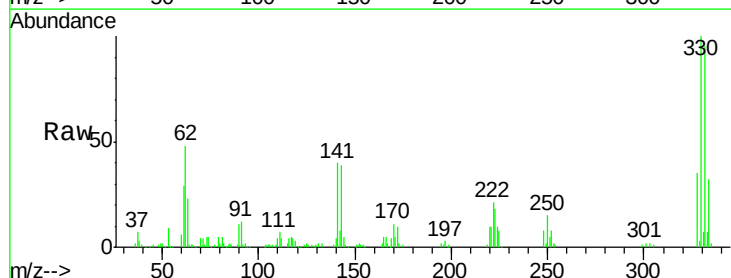
Tgt Ion:330 Resp: 143815

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

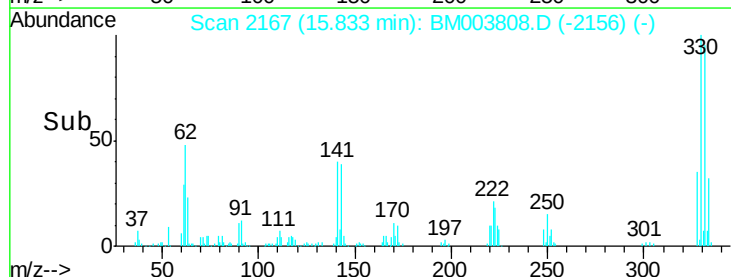
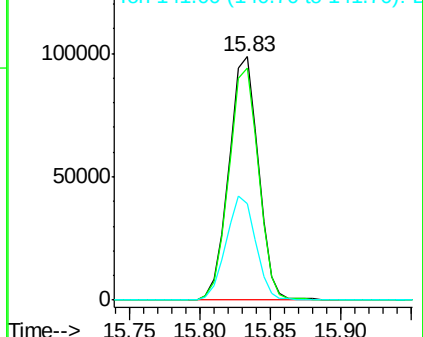
141 42.6 0.0 0.0#

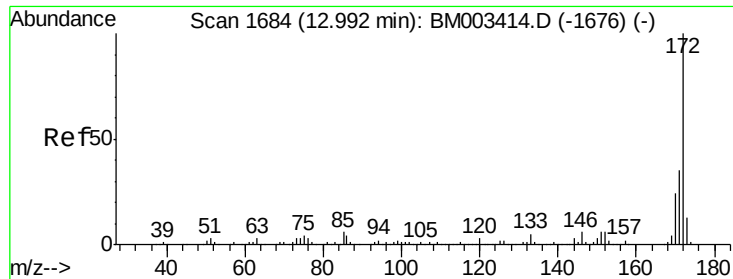


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

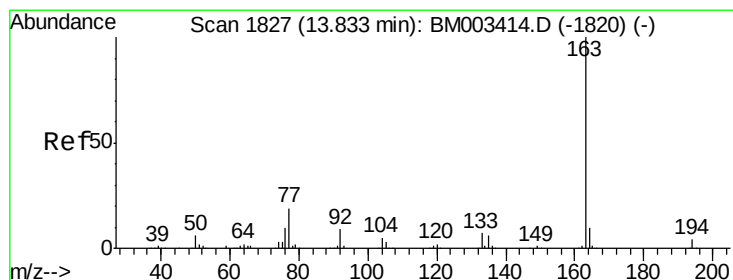
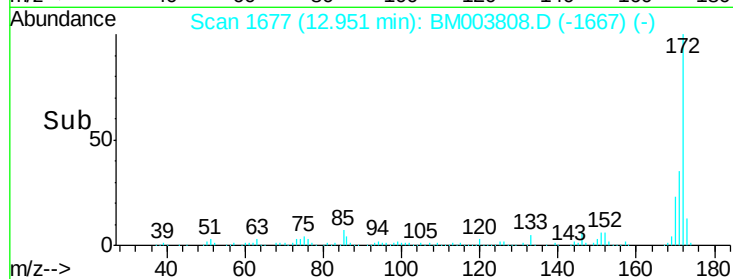
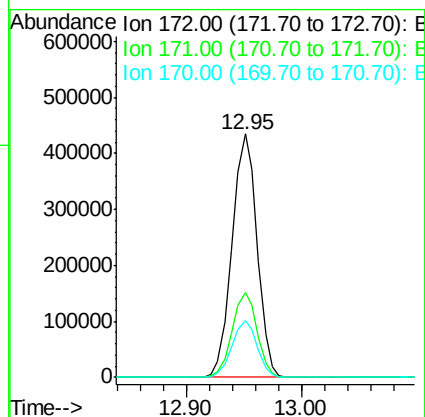
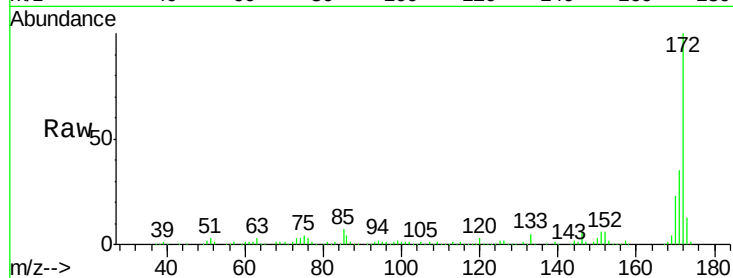




#44
2-Fluorobiphenyl
Concen: 94.90 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.04 min
Lab File: BM003808.D
Acq: 25 Dec 2015 09:55

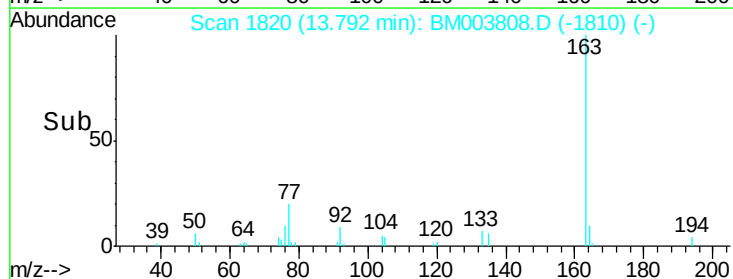
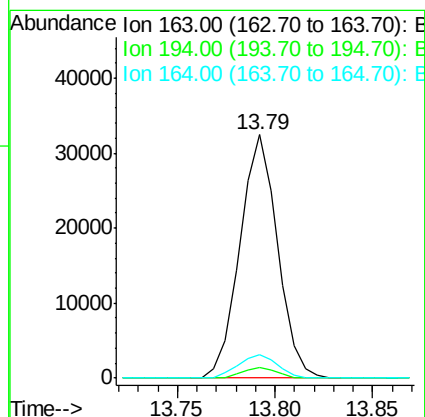
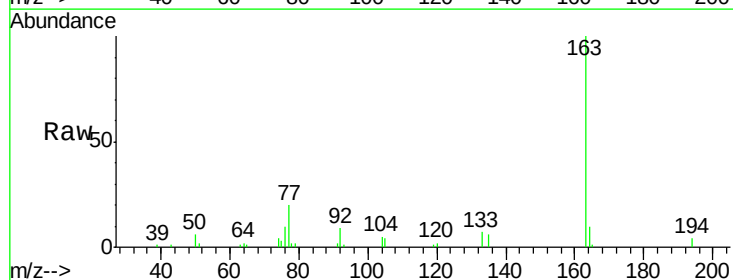
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BNA_M
ClientSampleId :
MW-09

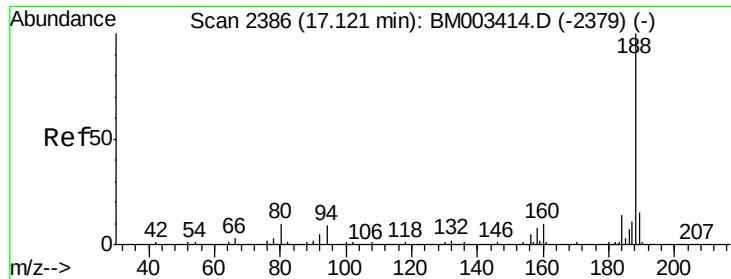
Tot Ion:172 Resp: 650454
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.3 18.8 28.2



#49
Dimethylphthalate
Concen: 5.63 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BM003808.D
Acq: 25 Dec 2015 09:55

Tgt Ion:163 Resp: 43359
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.7 8.2 12.2

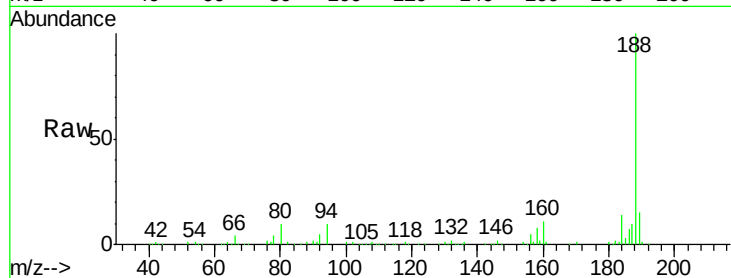




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM003808.D
Acq: 25 Dec 2015 09:55

Instrument :
BNA_M
ClientSampleId :
MW-09

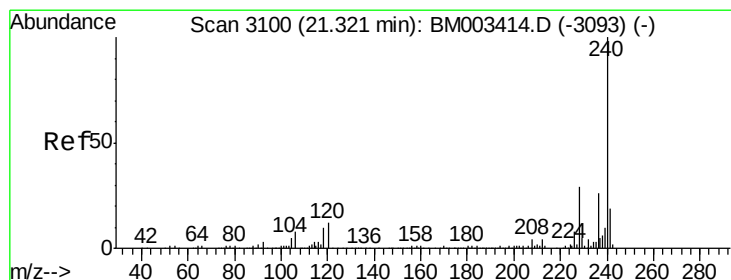
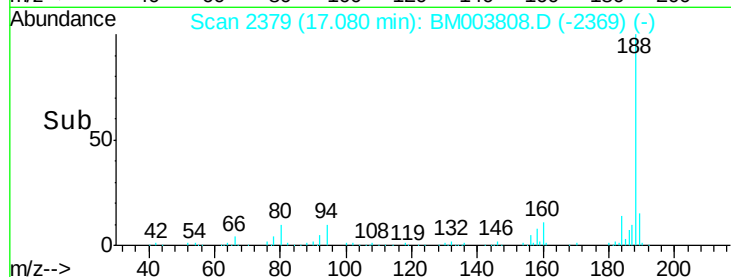
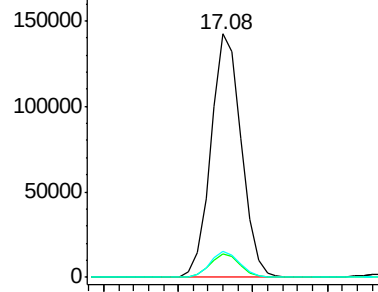
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	10.4	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

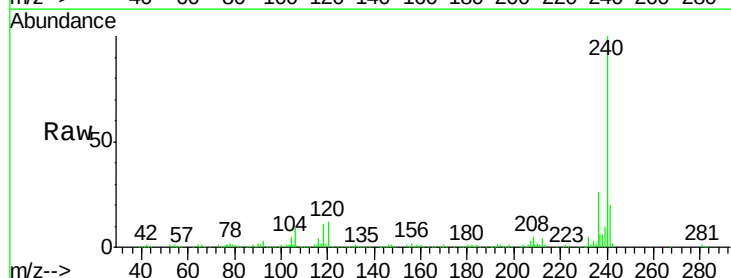
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM003808.D
Acq: 25 Dec 2015 09:55

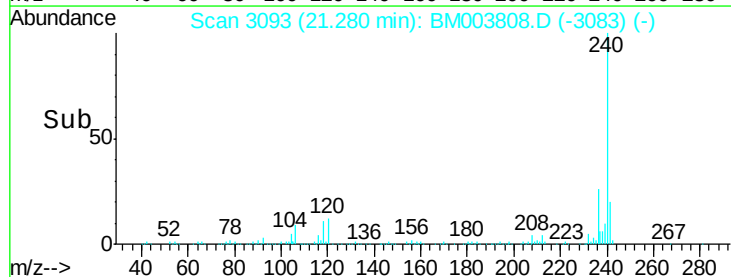
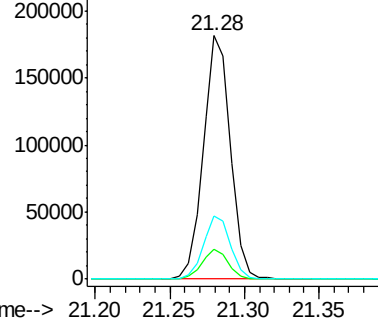
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.2	12.2
236	25.7	20.0	30.0

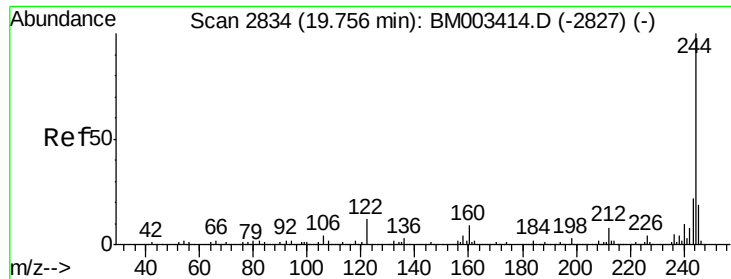


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

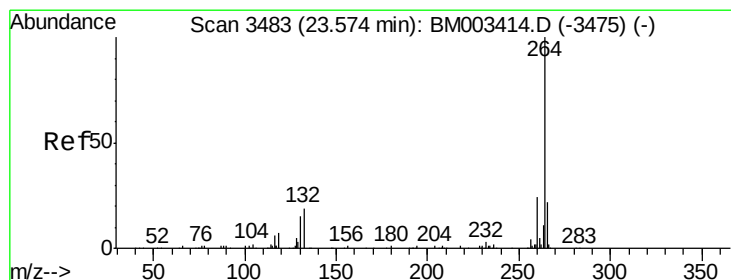
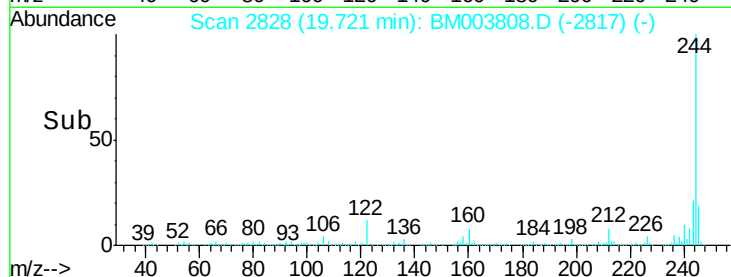
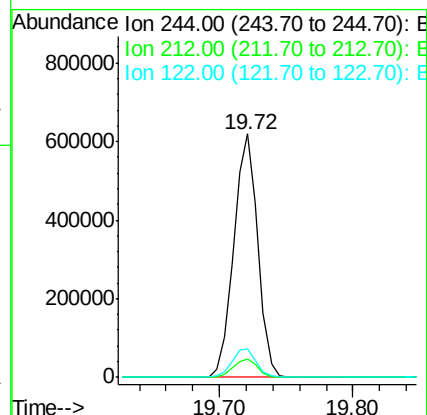
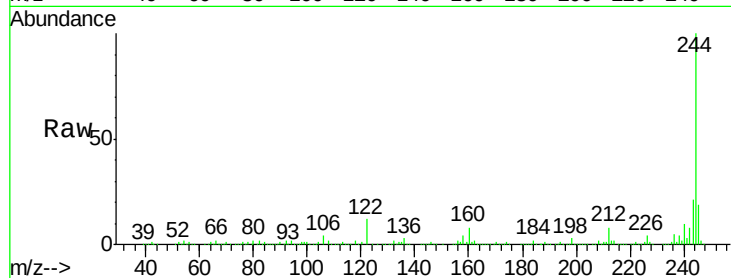




#78
 Terphenyl-d14
 Concen: 79.84 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.04 min
 Lab File: BM003808.D
 Acq: 25 Dec 2015 09:55

Instrument :
 BNA_M
 ClientSampleId :
 MW-09

Tot Ion:244 Resp: 779220
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.9 7.3#
 122 11.8 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.52 min Scan# 3474
 Delta R.T. -0.05 min
 Lab File: BM003808.D
 Acq: 25 Dec 2015 09:55

Tgt Ion:264 Resp: 231732
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 22.1 17.3 25.9

