

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122815\
 Data File : BM003822.D
 Acq On : 28 Dec 2015 11:01
 Operator : UM/SJ
 Sample : G4952-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-25RE

Quant Time: Dec 29 00:30:48 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

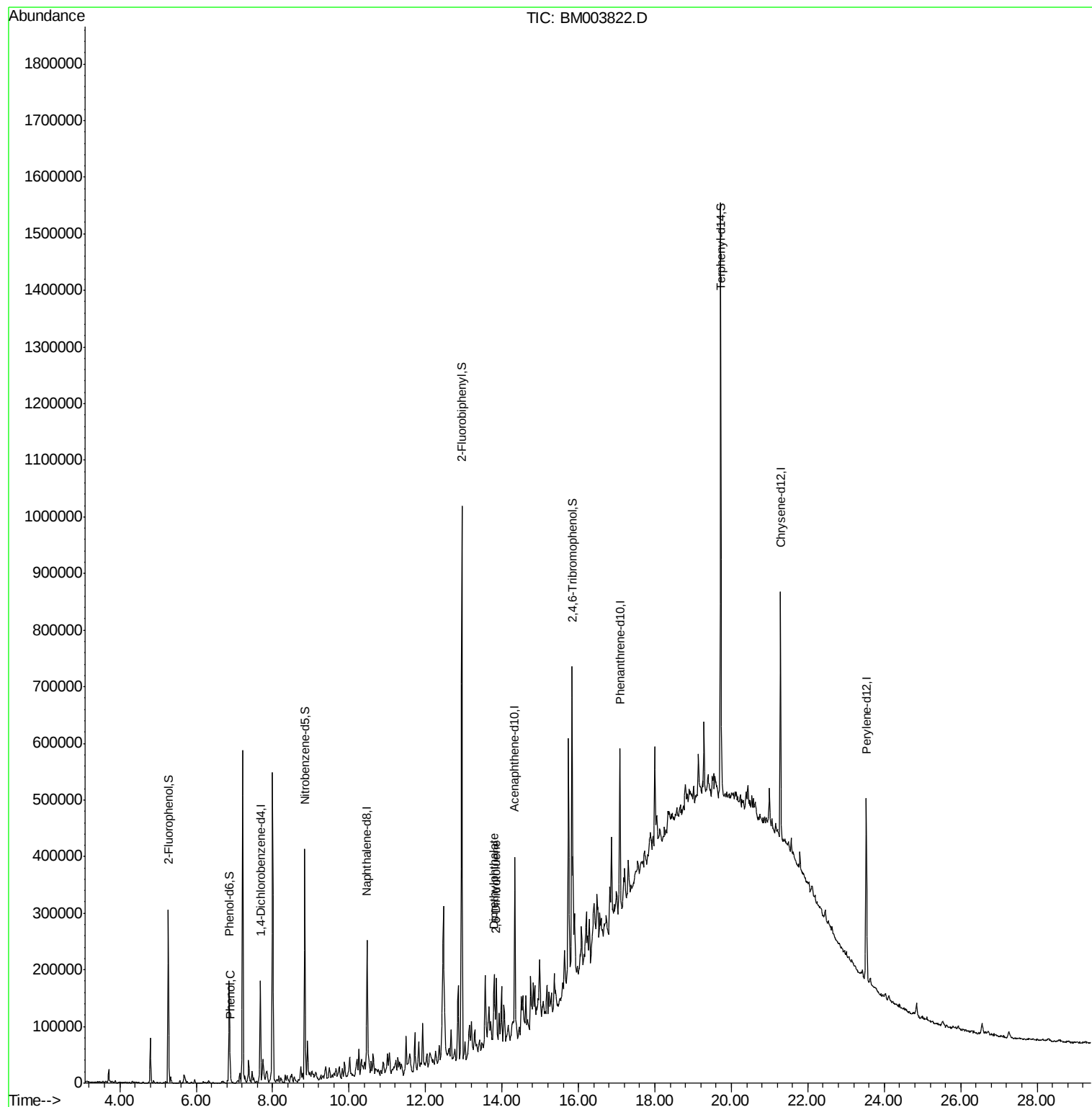
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	46158	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	180437	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	87849	20.00	ng	-0.04
63) Phenanthrene-d10	17.09	188	164360	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	203817	20.00	ng	-0.03
86) Perylene-d12	23.53	264	221700	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	137917	53.12	ng	-0.03
7) Phenol-d6	6.86	99	107282	29.76	ng	-0.03
23) Nitrobenzene-d5	8.84	82	236086	81.13	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	96348	109.82	ng	-0.03
44) 2-Fluorobiphenyl	12.95	172	514144	79.74	ng	-0.04
78) Terphenyl-d14	19.72	244	442438	51.19	ng	-0.03
Target Compounds						
10) Phenol	6.89	94	10709	2.80	ng	# 73
32) Benzoic acid	9.75	122	657	Below Cal		# 30
49) Dimethylphthalate	13.79	163	67789	9.36	ng	98
50) 2,6-Dinitrotoluene	13.85	165	3441	2.28	ng	# 65

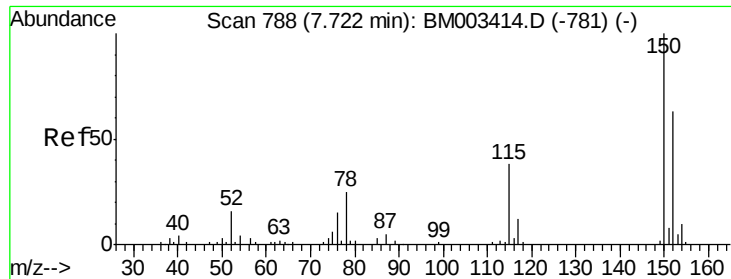
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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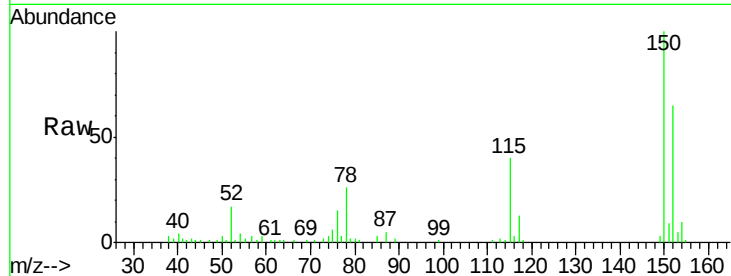




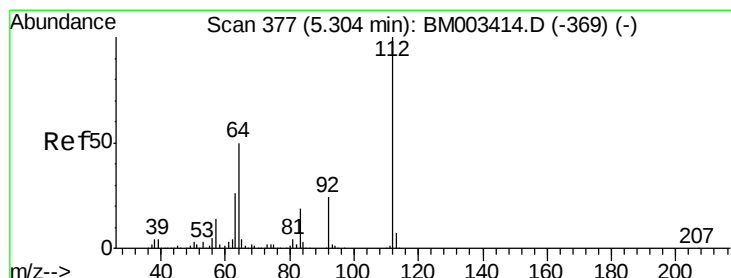
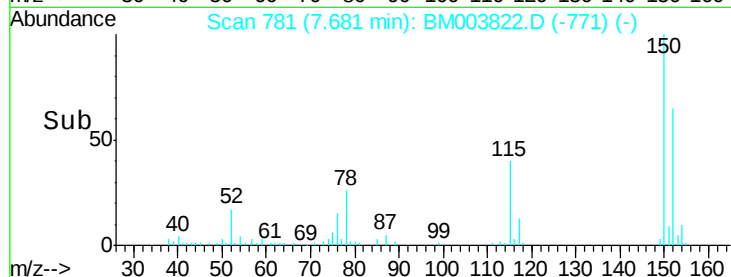
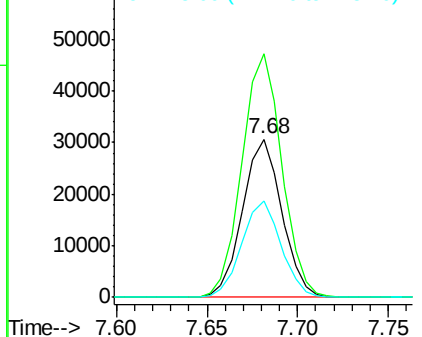
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.04 min
 Lab File: BM003822.D
 Acq: 28 Dec 2015 11:01

Instrument :
 BNA_M
 ClientSampleId :
 MW-25RE

Tgt Ion:152 Resp: 46158
 Ion Ratio Lower Upper
 152 100
 150 154.2 119.5 179.3
 115 61.1 43.0 64.4

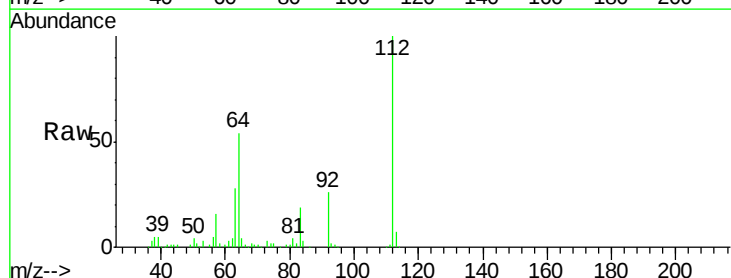


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

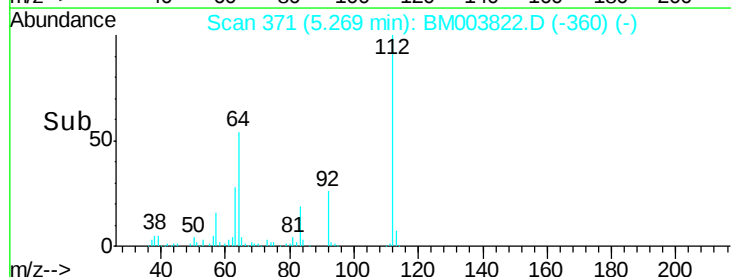
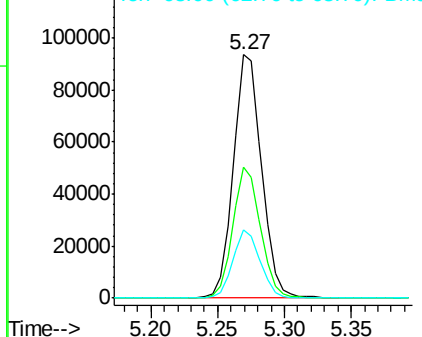


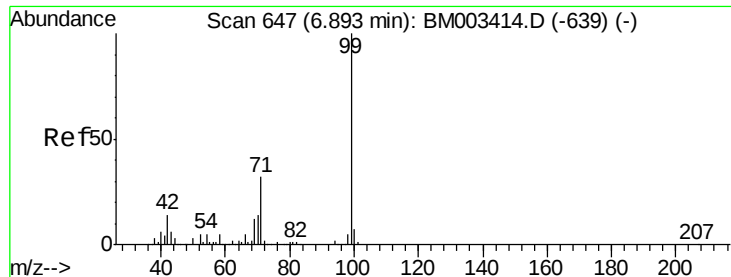
#5
 2-Fluorophenol
 Concen: 53.12 ng
 RT: 5.27 min Scan# 371
 Delta R.T. -0.03 min
 Lab File: BM003822.D
 Acq: 28 Dec 2015 11:01

Tgt Ion:112 Resp: 137917
 Ion Ratio Lower Upper
 112 100
 64 53.8 38.6 57.8
 63 27.9 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: 29.76 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003822.D

Acq: 28 Dec 2015 11:01

Instrument :

BNA_M

ClientSampleId :

MW-25RE

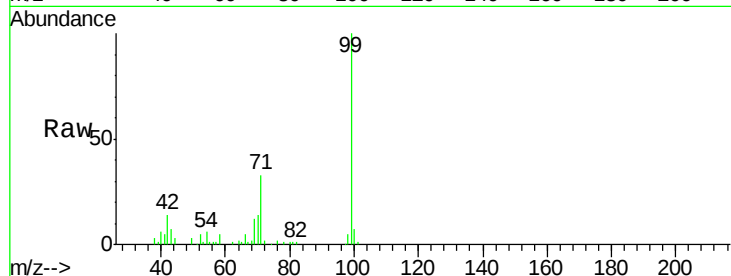
Tgt Ion: 99 Resp: 107282

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

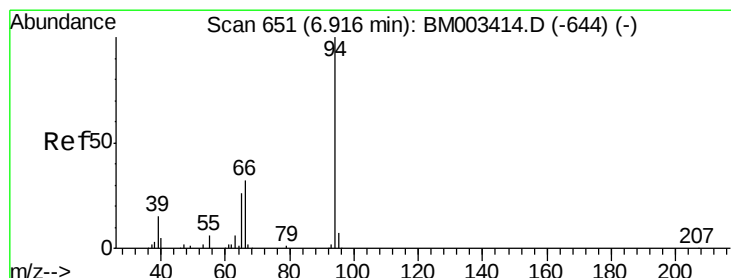
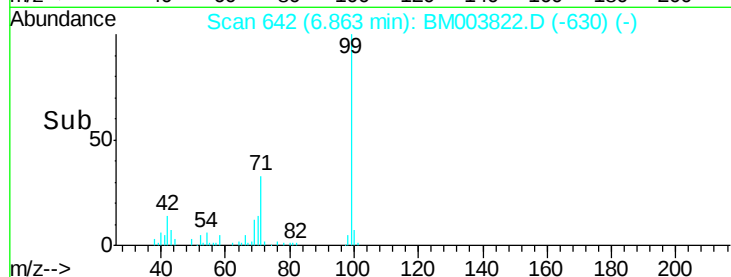
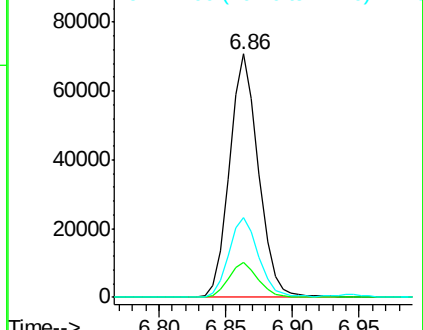
71 32.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003822.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003822.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003822.D (-630) (-)



#10

Phenol

Concen: 2.80 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM003822.D

Acq: 28 Dec 2015 11:01

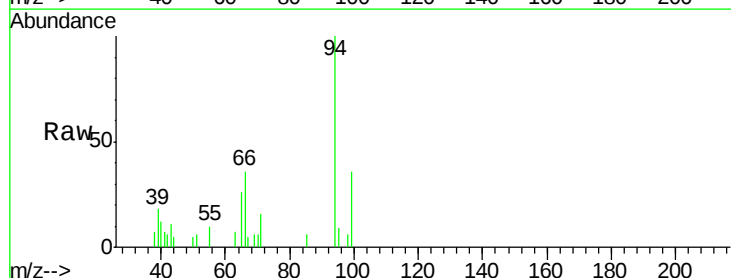
Tgt Ion: 94 Resp: 10709

Ion Ratio Lower Upper

94 100

65 26.3 18.8 58.8

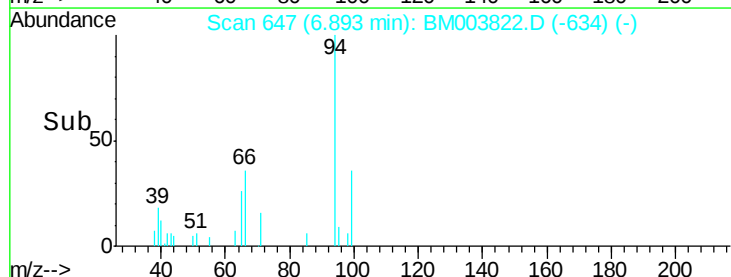
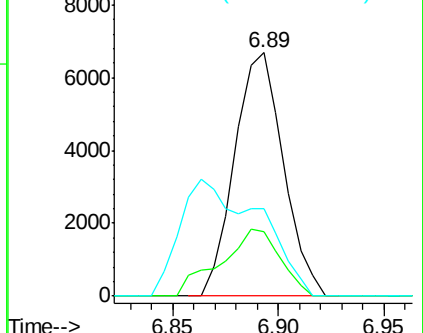
66 35.8 39.9 79.9#

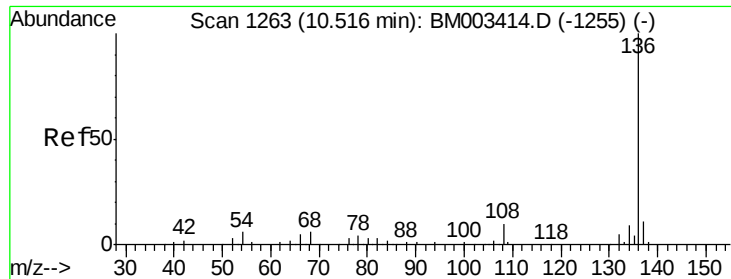


Abundance Ion 94.00 (93.70 to 94.70): BM003822.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM003822.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM003822.D (-634) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BM003822.D

Acq: 28 Dec 2015 11:01

Instrument :

BNA_M

ClientSampleId :

MW-25RE

Tgt Ion: 136 Resp: 180437

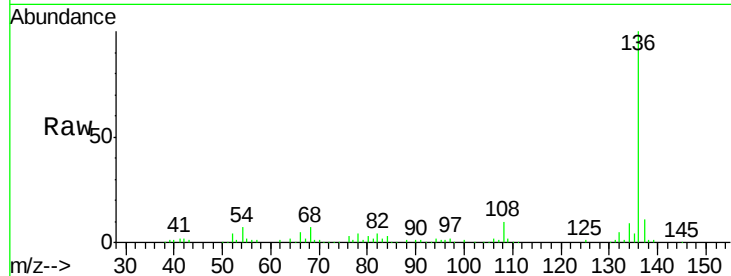
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.9 4.6 6.8#

68 6.5 3.7 5.5#

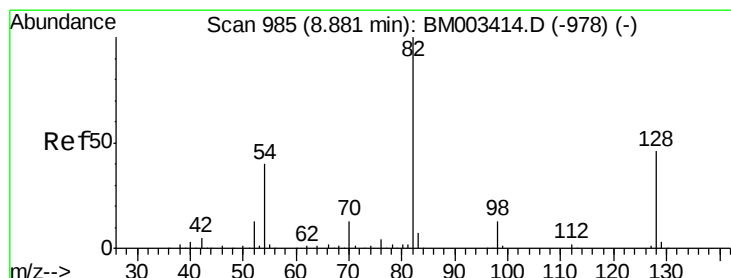
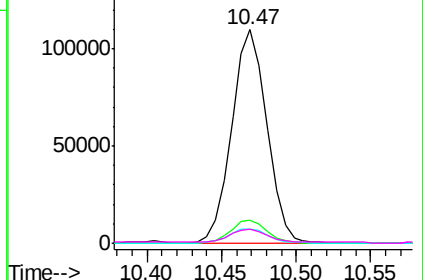
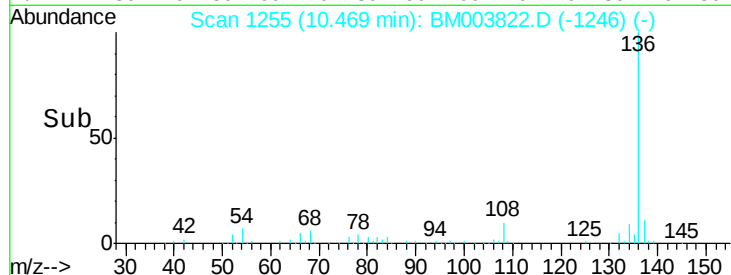


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 81.13 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.04 min

Lab File: BM003822.D

Acq: 28 Dec 2015 11:01

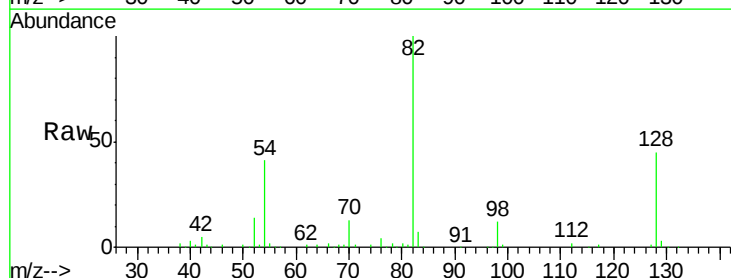
Tgt Ion: 82 Resp: 236086

Ion Ratio Lower Upper

82 100

128 45.4 32.8 49.2

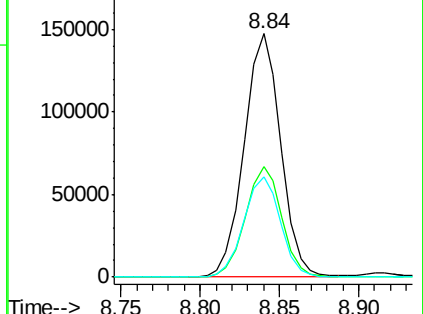
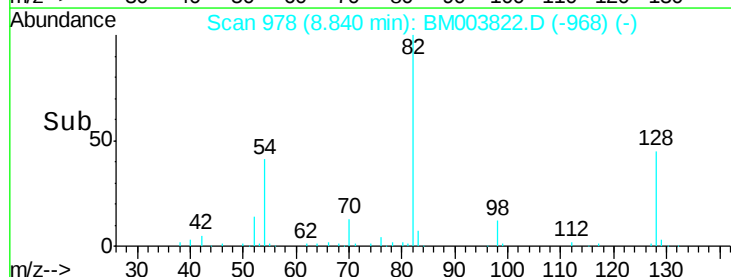
54 41.3 40.6 60.8

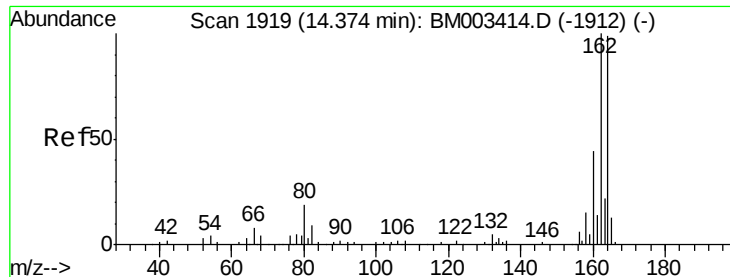


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

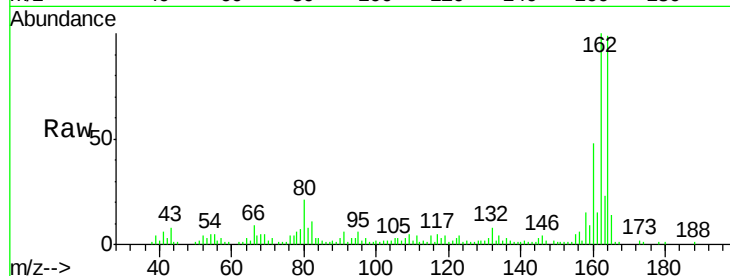




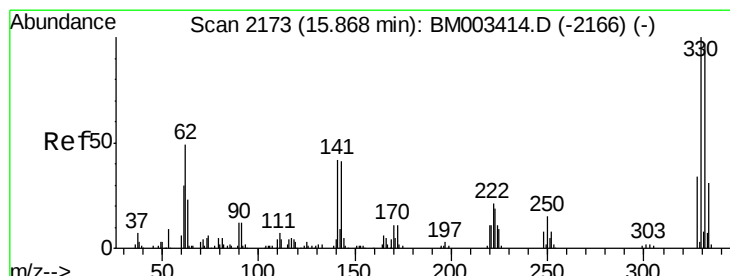
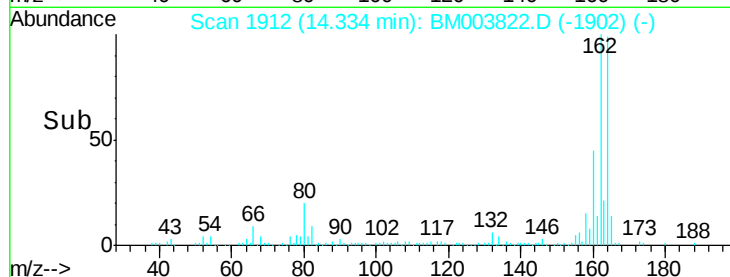
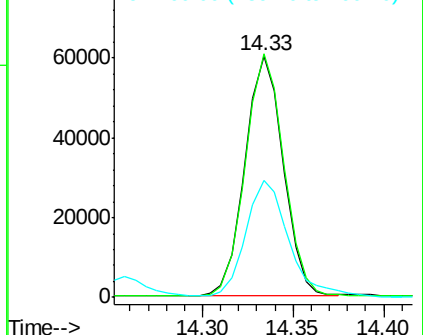
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.04 min
Lab File: BM003822.D
Acq: 28 Dec 2015 11:01

Instrument :
BNA_M
ClientSampleId :
MW-25RE

Tgt Ion:164 Resp: 87849
Ion Ratio Lower Upper
164 100
162 100.8 82.4 123.6
160 48.3 35.8 53.6

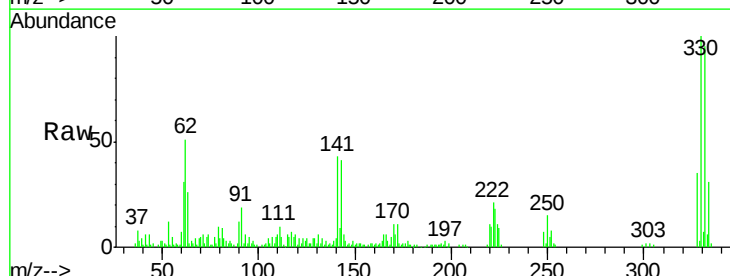


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

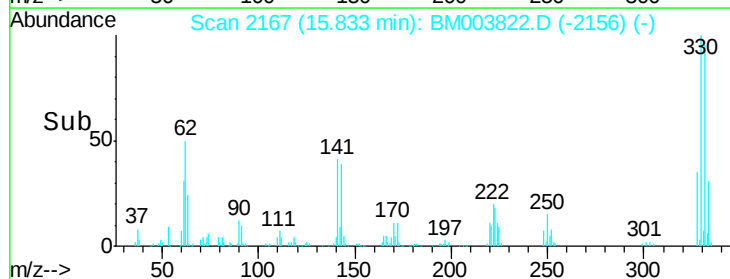
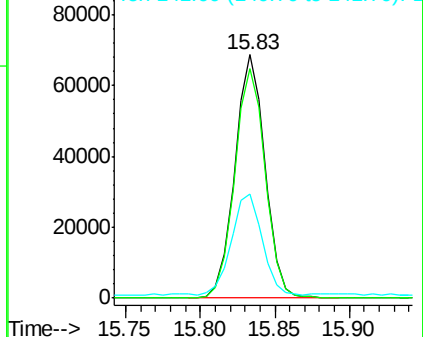


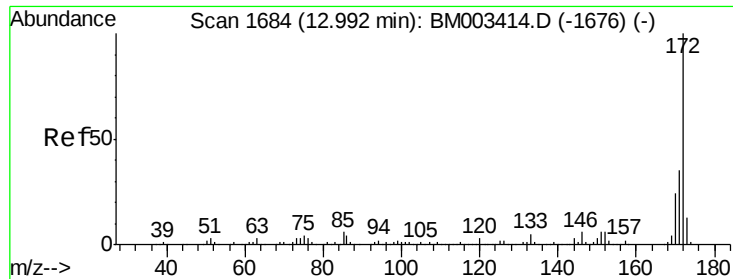
#41
2,4,6-Tribromophenol
Concen: 109.82 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM003822.D
Acq: 28 Dec 2015 11:01

Tgt Ion:330 Resp: 96348
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 41.8 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

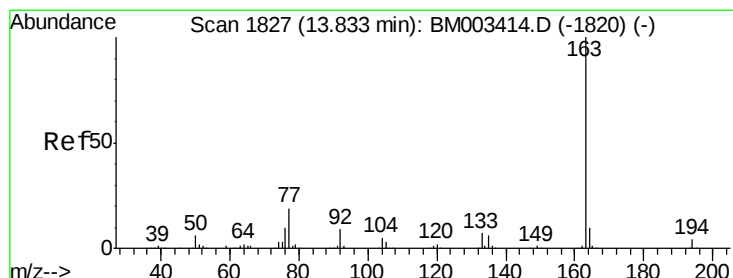
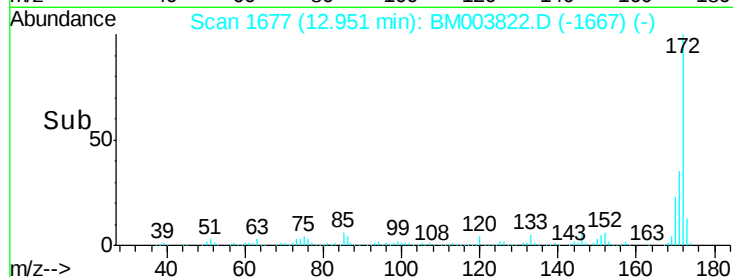
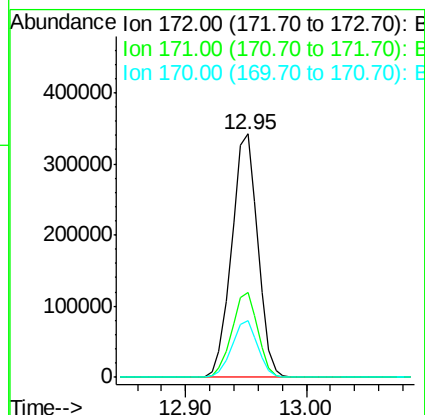
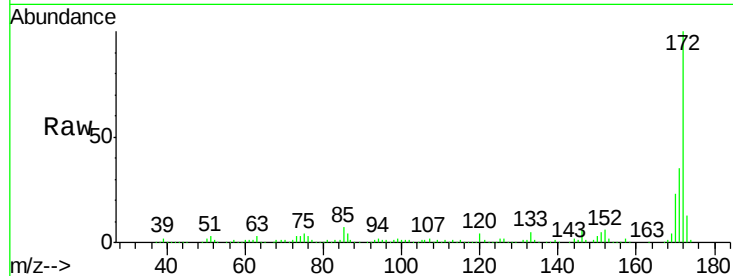




#44
2-Fluorobiphenyl
Concen: 79.74 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.04 min
Lab File: BM003822.D
Acq: 28 Dec 2015 11:01

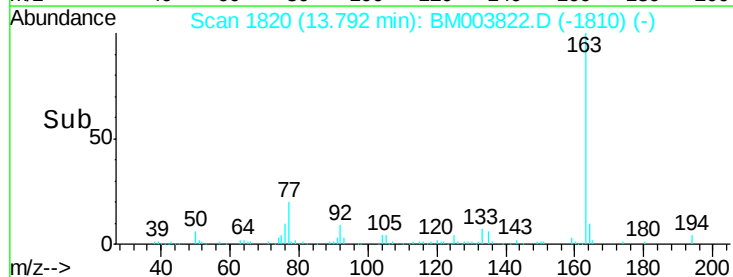
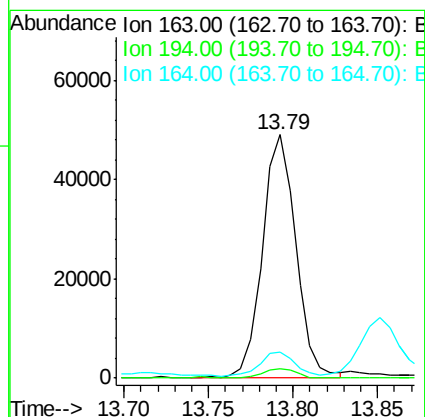
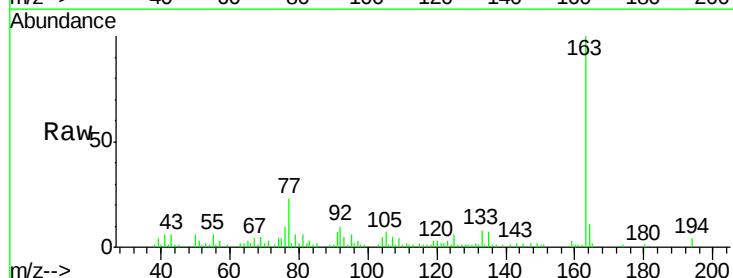
Instrument :
BNA_M
ClientSampled :
MW-25RE

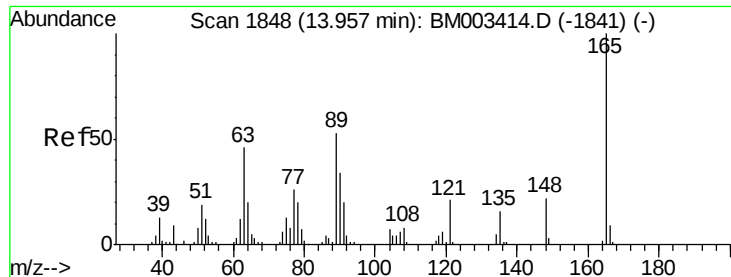
Tgt Ion:172 Resp: 514144
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.2 18.8 28.2



#49
Dimethylphthalate
Concen: 9.36 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BM003822.D
Acq: 28 Dec 2015 11:01

Tgt Ion:163 Resp: 67789
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.8 8.2 12.2

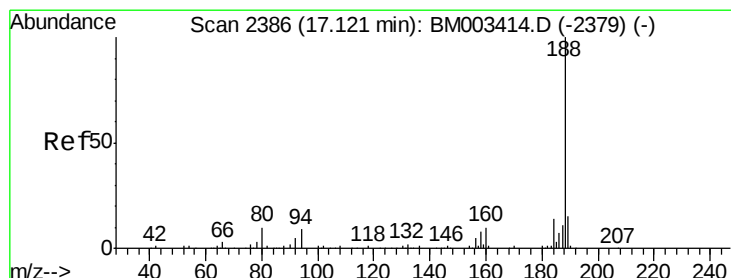
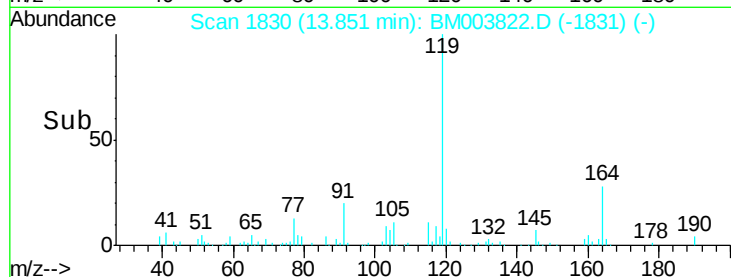
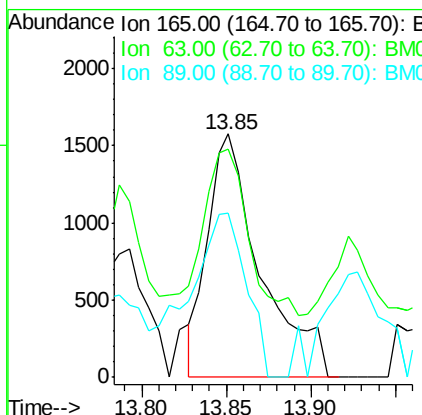
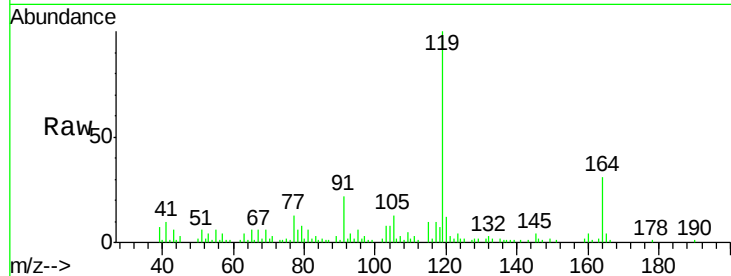




#50
 2,6-Dinitrotoluene
 Concen: 2.28 ng
 RT: 13.85 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: BM003822.D
 Acq: 28 Dec 2015 11:01

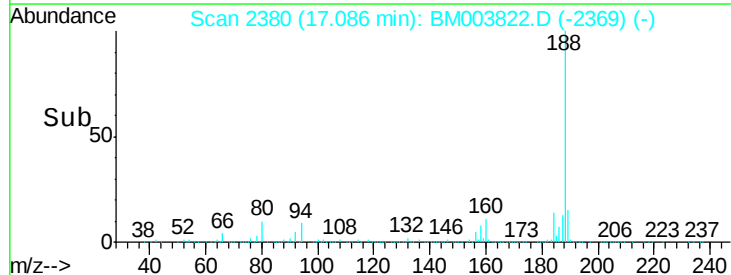
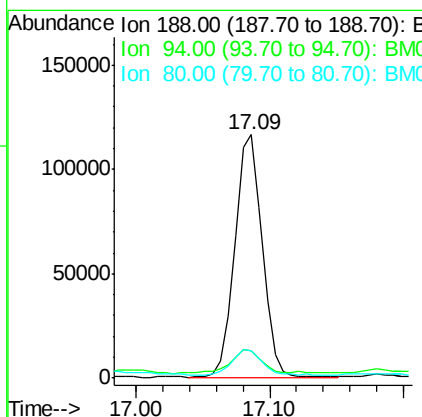
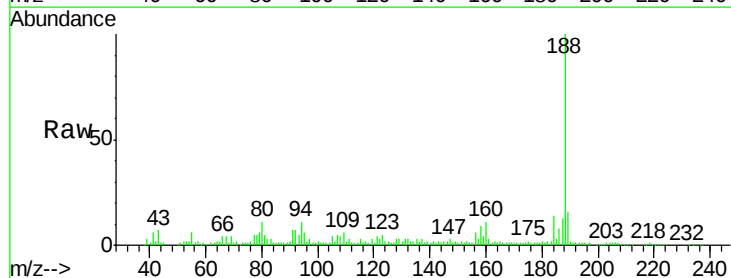
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 MW-25RE

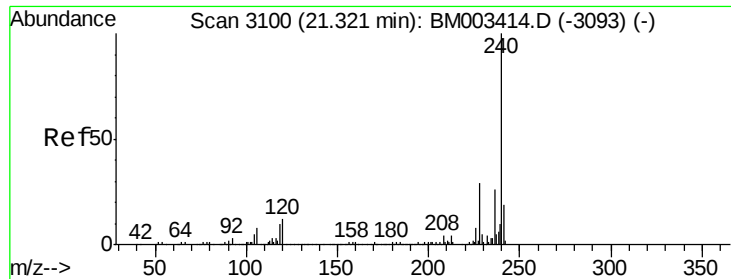
Tgt Ion:165 Resp: 3441
 Ion Ratio Lower Upper
 165 100
 63 93.7 44.1 66.1#
 89 67.6 44.3 66.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.09 min Scan# 2380
 Delta R.T. -0.03 min
 Lab File: BM003822.D
 Acq: 28 Dec 2015 11:01

Tgt Ion:188 Resp: 164360
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.7 13.1
 80 11.4 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BM003822.D

Acq: 28 Dec 2015 11:01

Instrument :

BNA_M

ClientSampleId :

MW-25RE

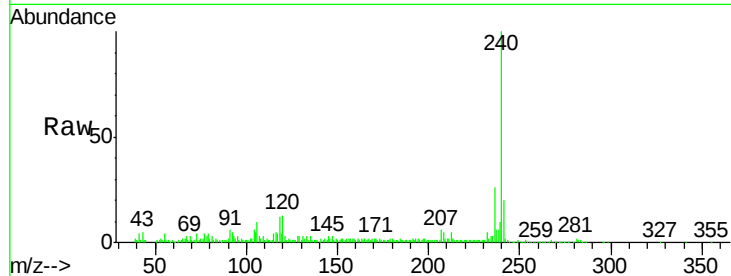
Tgt Ion:240 Resp: 203817

Ion Ratio Lower Upper

240 100

120 13.2 8.2 12.2#

236 25.9 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

200000

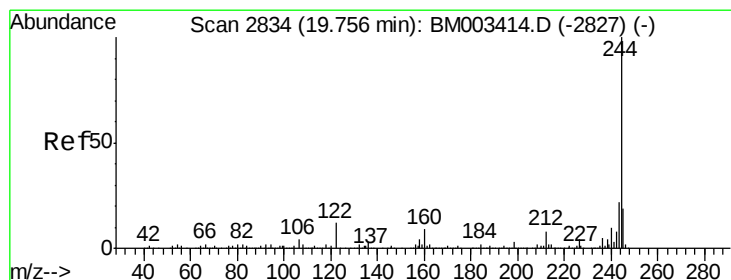
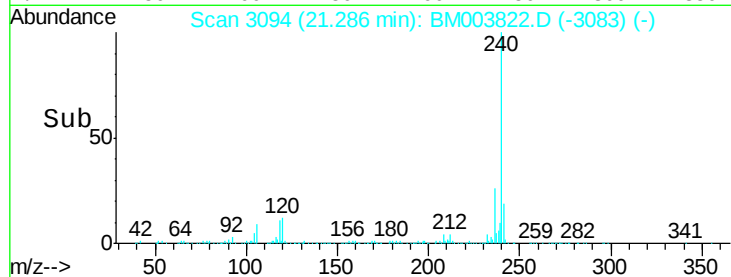
150000

100000

50000

0

21.20 21.25 21.30 21.35



#78

Terphenyl-d14

Concen: 51.19 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.03 min

Lab File: BM003822.D

Acq: 28 Dec 2015 11:01

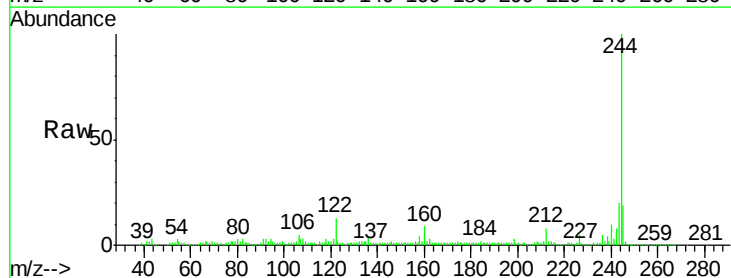
Tgt Ion:244 Resp: 442438

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

122 12.8 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

500000

400000

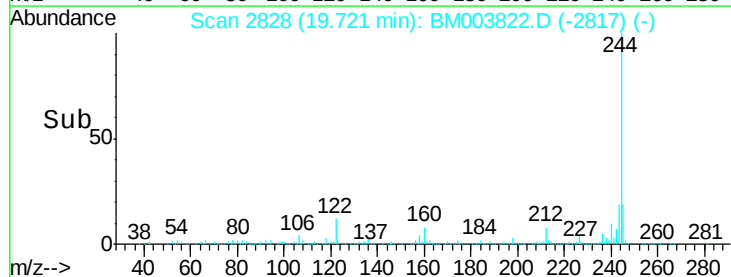
300000

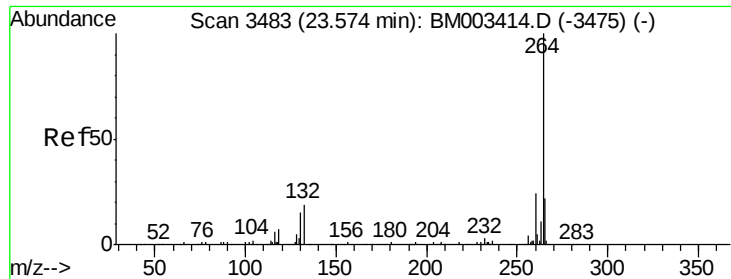
200000

100000

0

19.70 19.72 19.74 19.76 19.78 19.80





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM003822.D
Acq: 28 Dec 2015 11:01

Instrument :
BNA_M
ClientSampleId :
MW-25RE

Tgt Ion: 264 Resp: 221700
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 22.3 17.3 25.9

