

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003426.D
 Acq On : 09 Dec 2015 23:18
 Operator : UM/IZ
 Sample : G4696-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-02

Quant Time: Dec 10 01:04:23 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

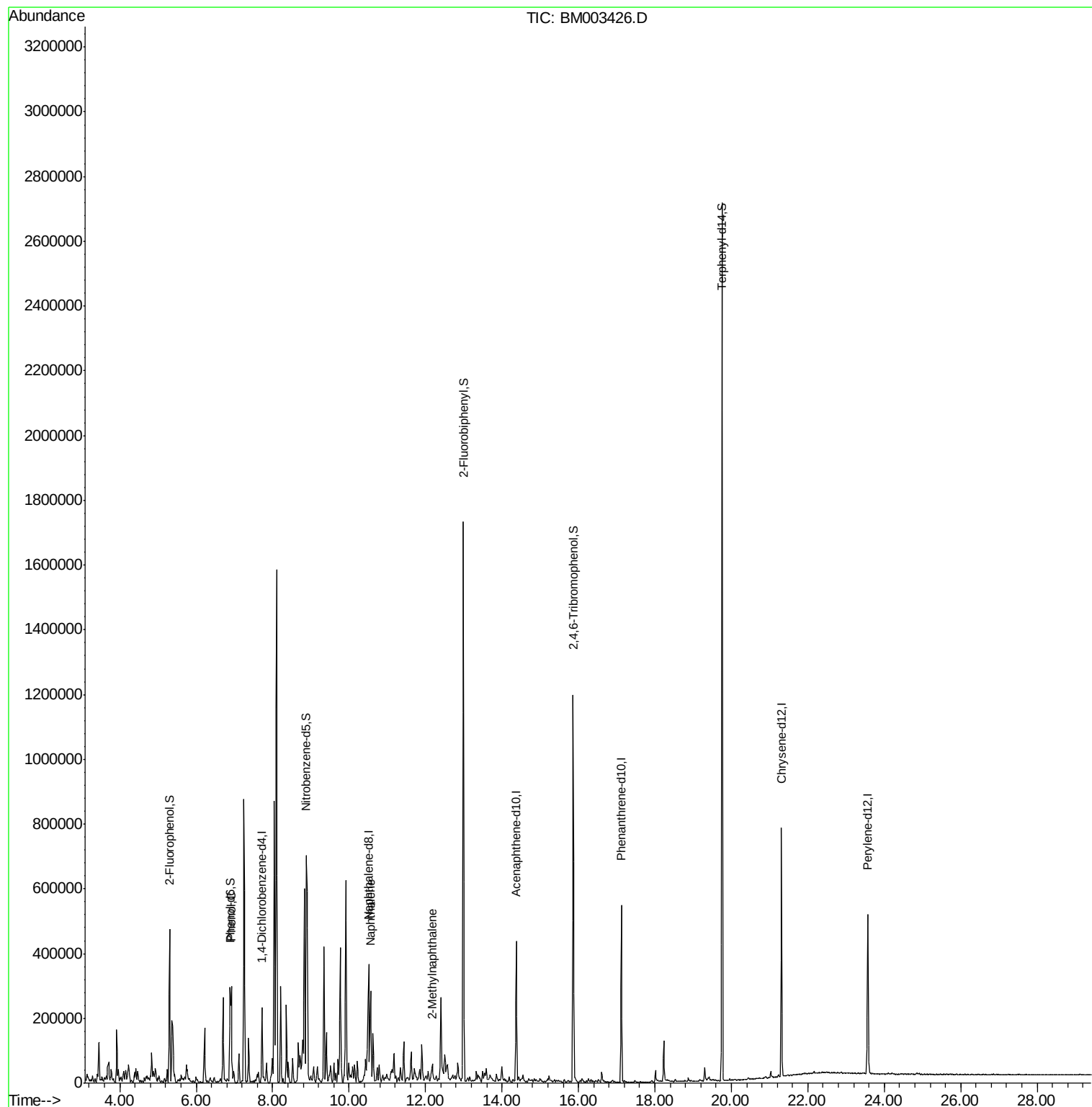
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	61469	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	253028	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	143264	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	311878	20.00	ng	0.00
75) Chrysene-d12	21.32	240	347779	20.00	ng	0.00
86) Perylene-d12	23.57	264	339854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	214687	62.09	ng	0.00
7) Phenol-d6	6.89	99	167480	34.88	ng	0.00
23) Nitrobenzene-d5	8.88	82	388927	95.30	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	205075	143.33	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	921262	87.61	ng	0.00
78) Terphenyl-d14	19.76	244	1140522	77.34	ng	0.00
Target Compounds						
10) Phenol	6.92	94	165492	32.49	ng	# 71
31) Naphthalene	10.56	128	113717	8.59	ng	# 94
37) 2-Methylnaphthalene	12.18	142	20712	2.28	ng	96

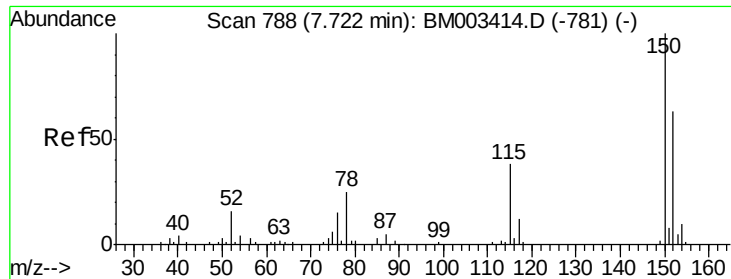
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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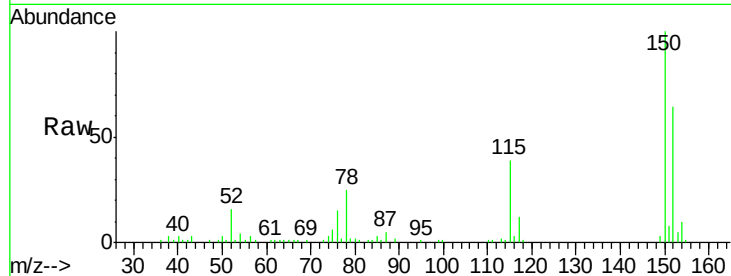


#1

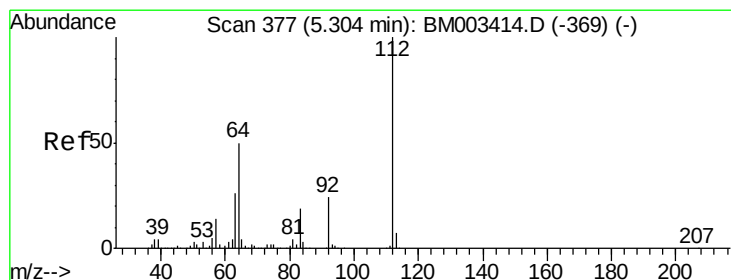
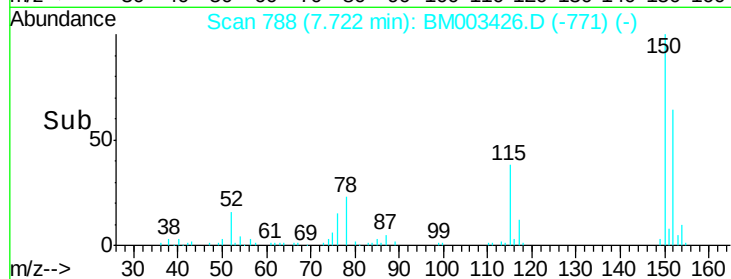
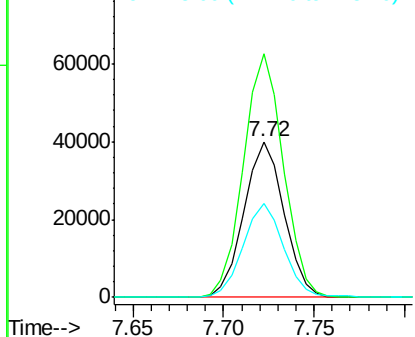
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Instrument :
BNA_M
ClientSampleId :
GMW-02

Tgt Ion:152 Resp: 61469
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 60.6 43.0 64.4



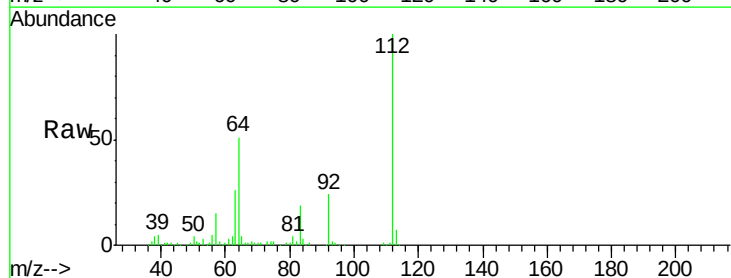
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



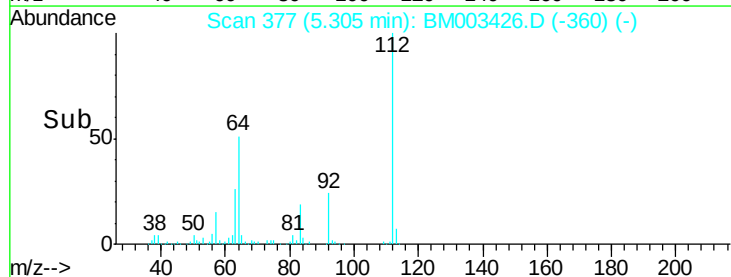
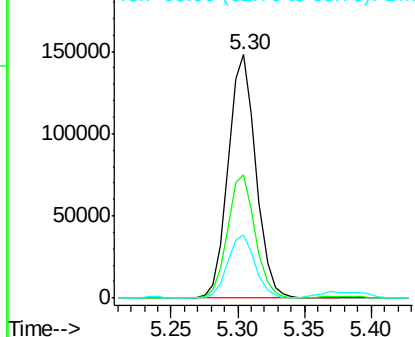
#5

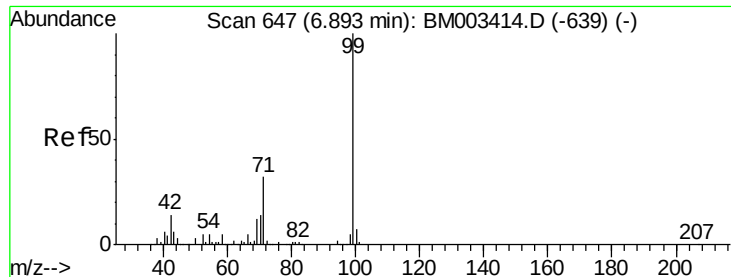
2-Fluorophenol
Concen: 62.09 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Tgt Ion:112 Resp: 214687
Ion Ratio Lower Upper
112 100
64 50.7 38.6 57.8
63 26.2 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: 34.88 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

Instrument :

BNA_M

ClientSampleId :

GMW-02

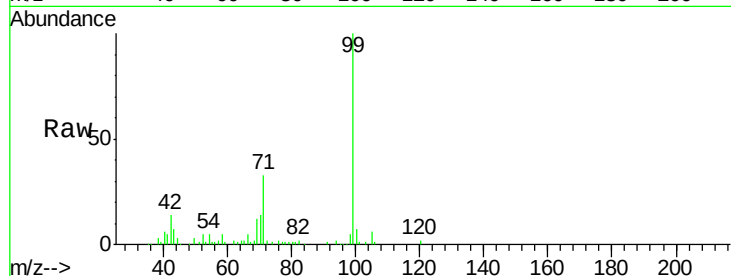
Tgt Ion: 99 Resp: 167480

Ion Ratio Lower Upper

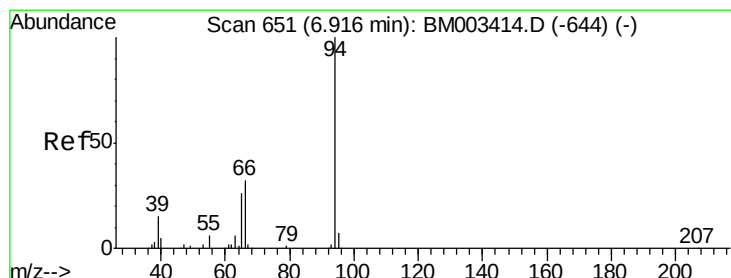
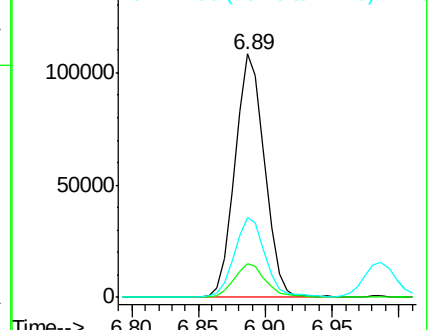
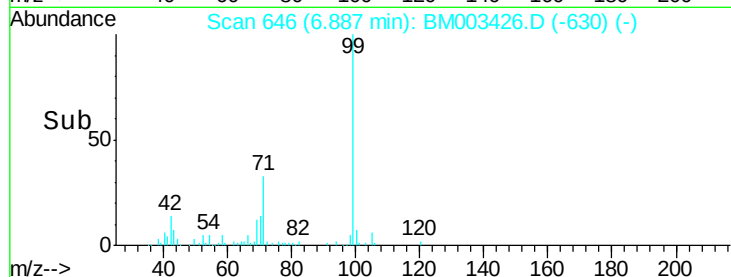
99 100

42 13.7 11.0 16.4

71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003426.D (-630) (-)



#10

Phenol

Concen: 32.49 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

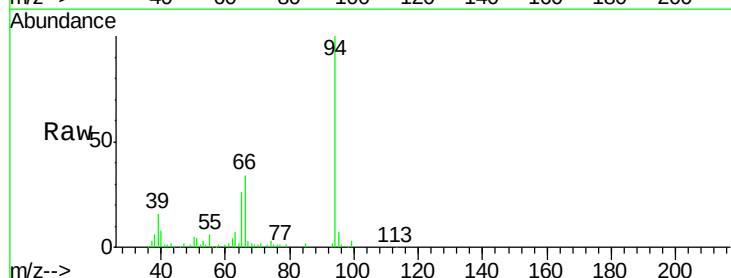
Tgt Ion: 94 Resp: 165492

Ion Ratio Lower Upper

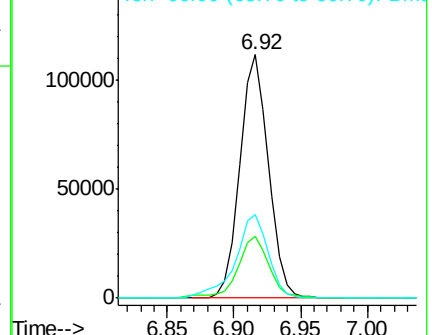
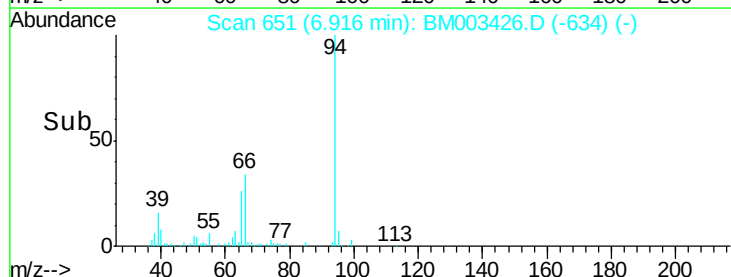
94 100

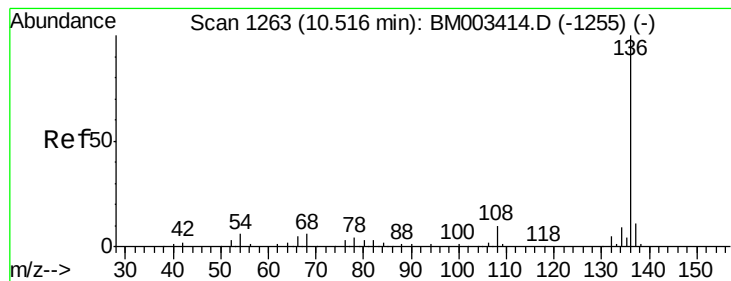
65 25.6 18.8 58.8

66 34.4 39.9 79.9#



Abundance Ion 94.00 (93.70 to 94.70): BM003426.D (-634) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

Instrument :

BNA_M

ClientSampleId :

GMW-02

Tgt Ion:136 Resp: 253028

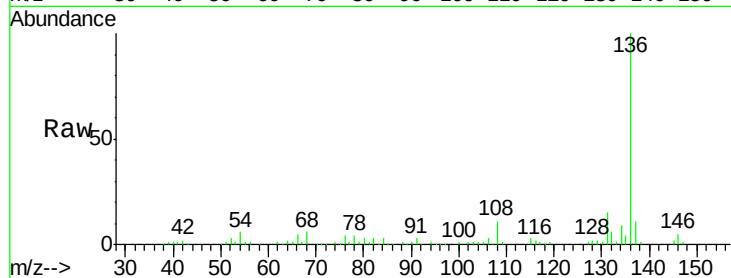
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.1 4.6 6.8

68 5.6 3.7 5.5#

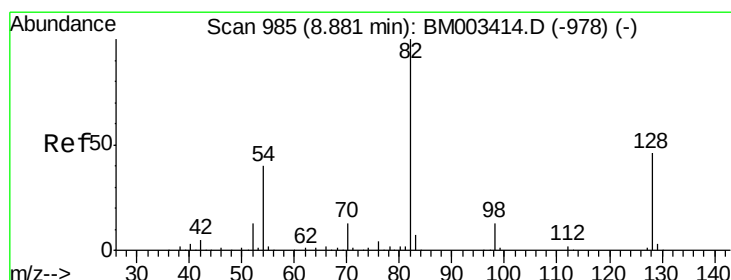
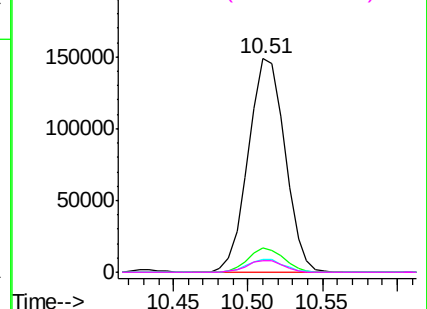
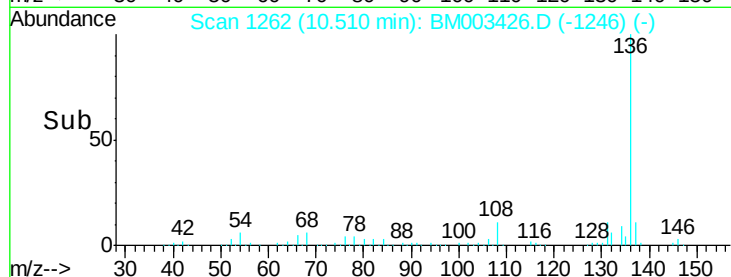


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.30 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM003426.D

Acq: 09 Dec 2015 23:18

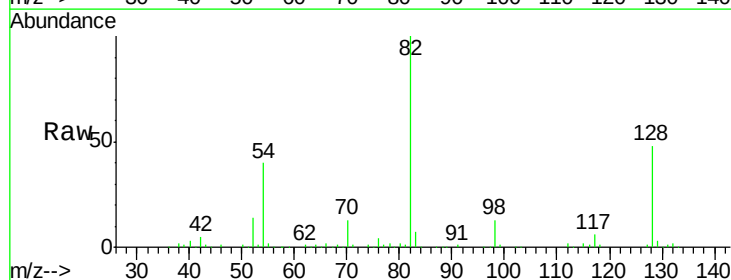
Tgt Ion: 82 Resp: 388927

Ion Ratio Lower Upper

82 100

128 47.6 32.8 49.2

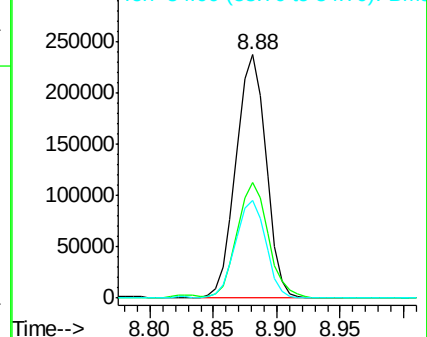
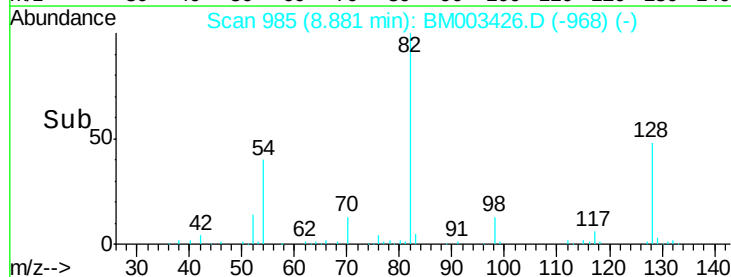
54 40.1 40.6 60.8#

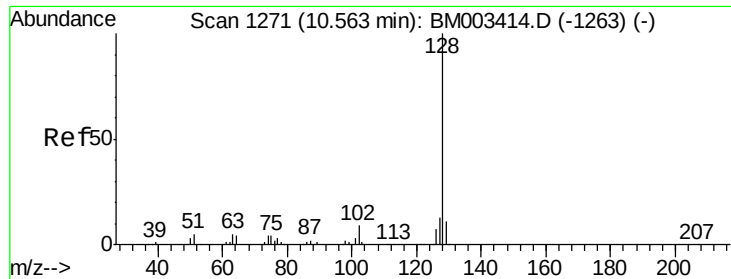


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

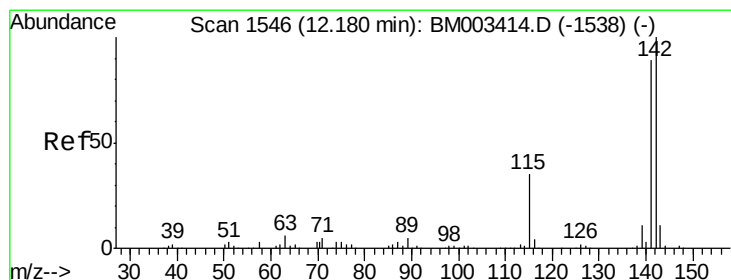
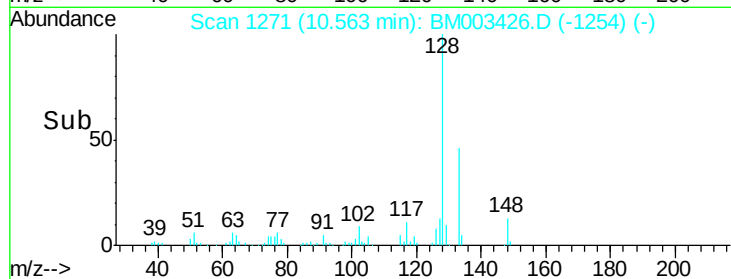
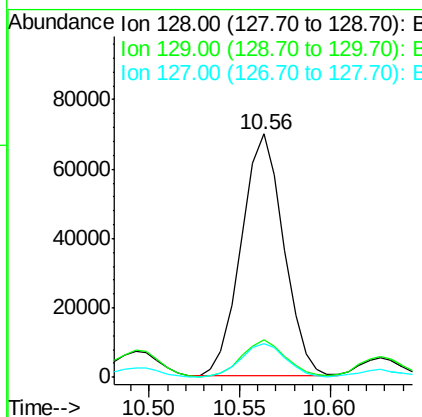
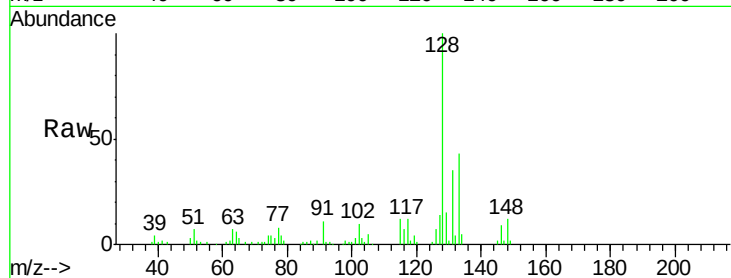




#31
Naphthalene
Concen: 8.59 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

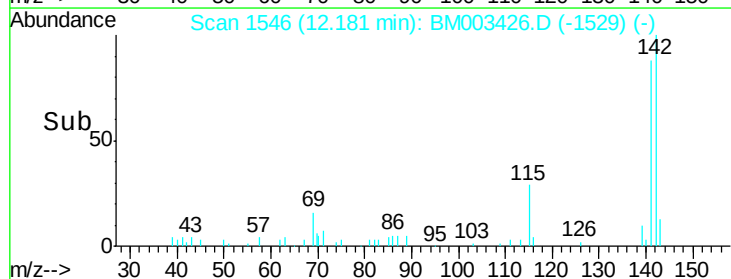
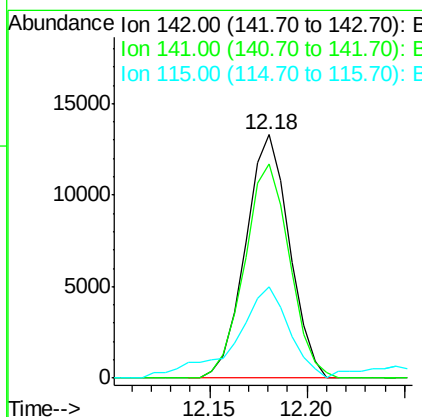
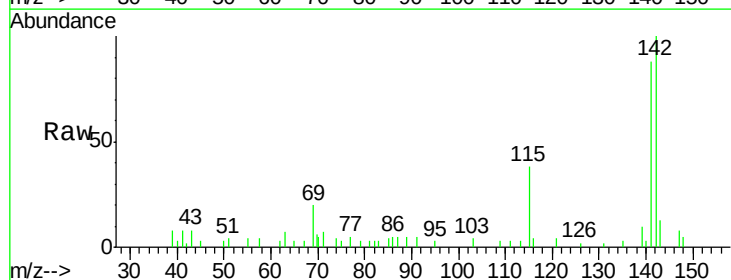
Instrument :
BNA_M
ClientSampleId :
GMW-02

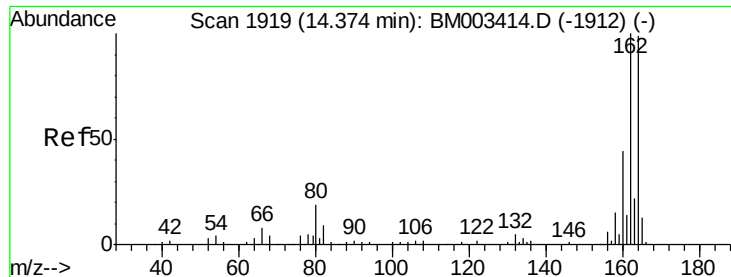
Tgt Ion:128 Resp: 113717
Ion Ratio Lower Upper
128 100
129 15.2 8.9 13.3#
127 14.1 10.4 15.6



#37
2-Methylnaphthalene
Concen: 2.28 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Tgt Ion:142 Resp: 20712
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9
115 37.7 25.4 38.0

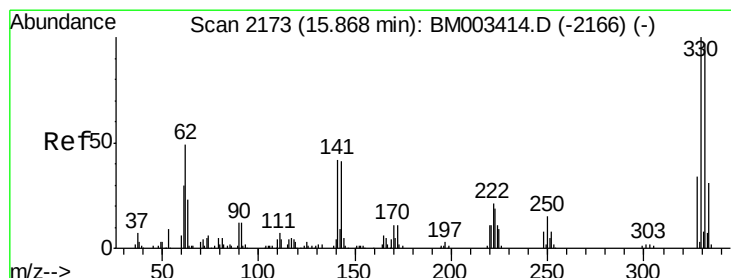
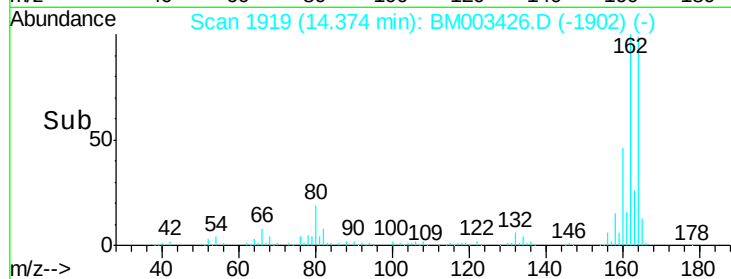
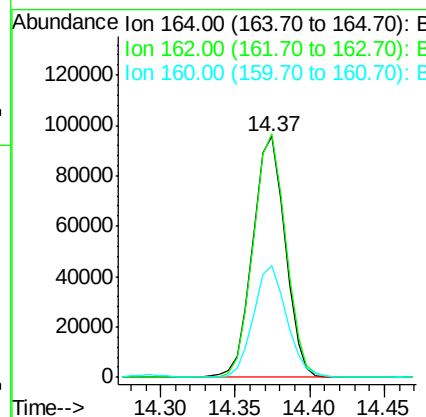
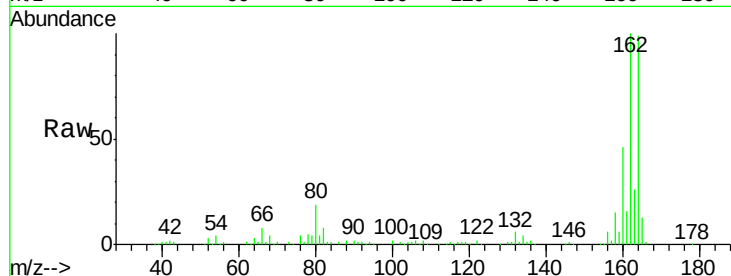




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

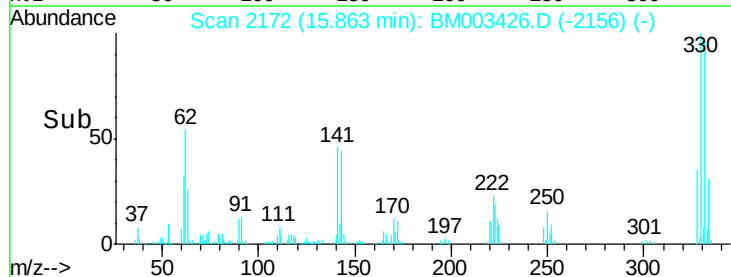
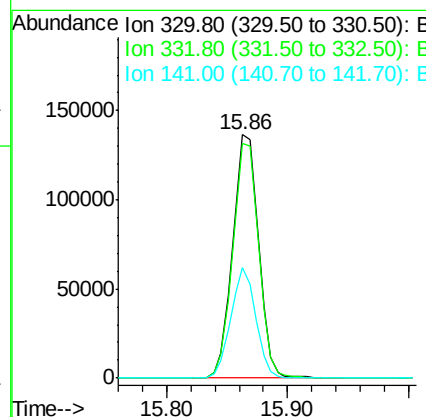
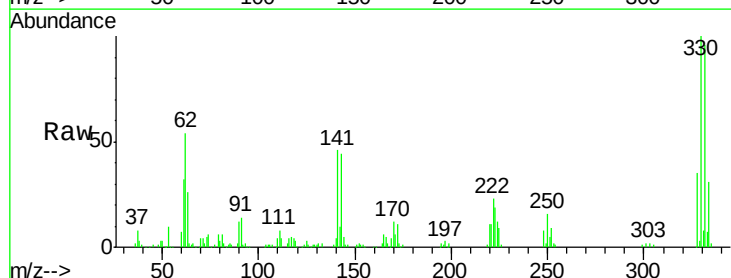
Instrument :
BNA_M
ClientSampleId :
GMW-02

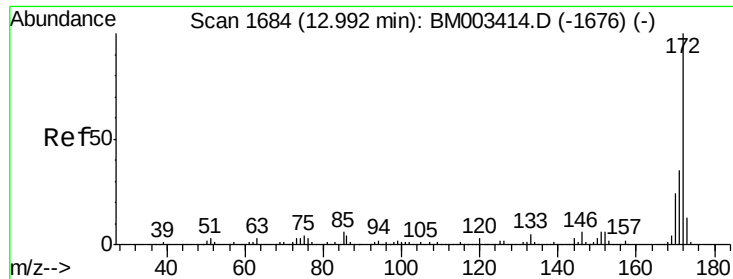
Tgt Ion:164 Resp: 143264
Ion Ratio Lower Upper
164 100
162 101.3 82.4 123.6
160 46.7 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 143.33 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Tgt Ion:330 Resp: 205075
Ion Ratio Lower Upper
330 100
332 96.6 0.0 0.0#
141 43.5 0.0 0.0#

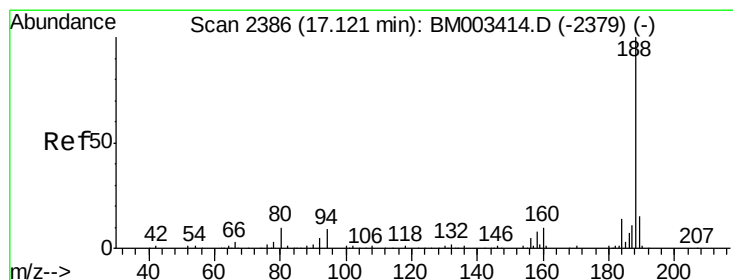
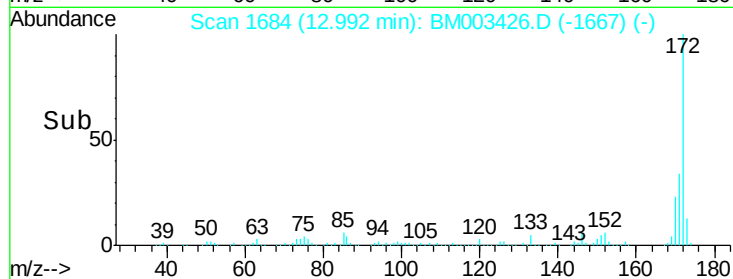
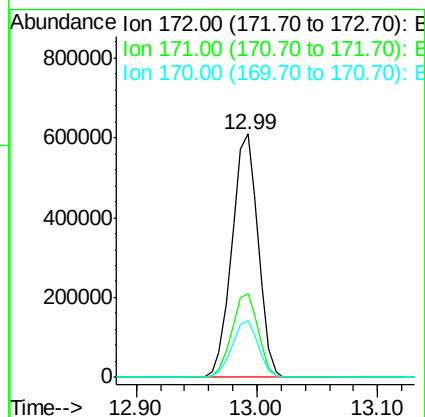
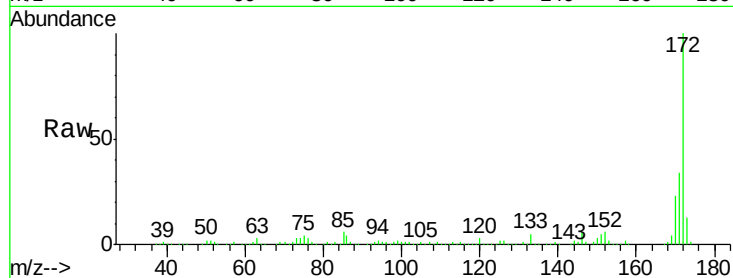




#44
 2-Fluorobiphenyl
 Concen: 87.61 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

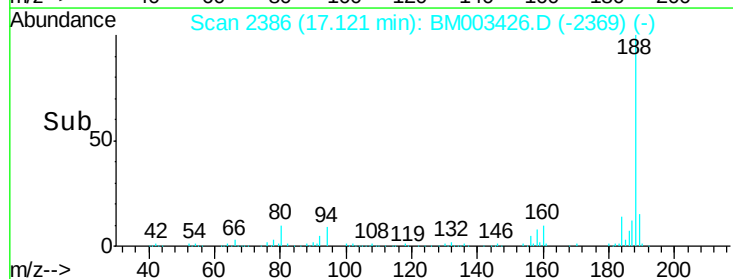
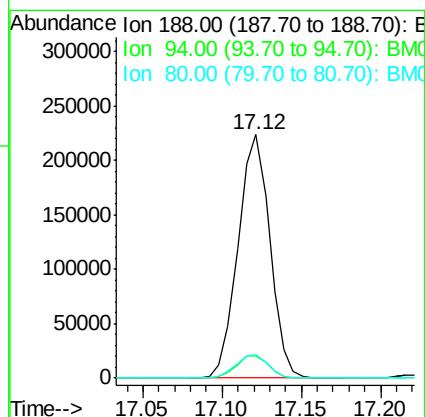
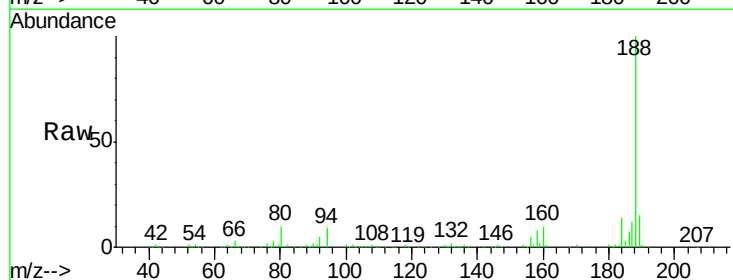
Instrument :
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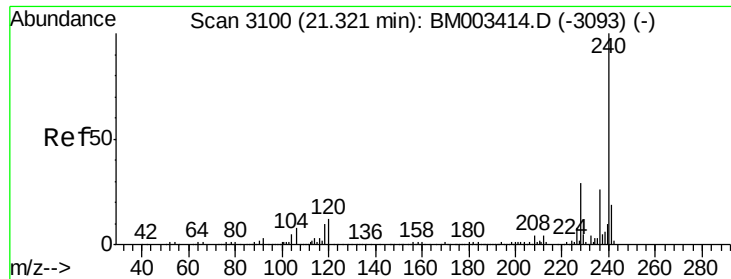
Tgt Ion:172 Resp: 921262
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.2 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.12 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM003426.D
 Acq: 09 Dec 2015 23:18

Tgt Ion:188 Resp: 311878
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.7 13.1
 80 9.5 9.3 13.9

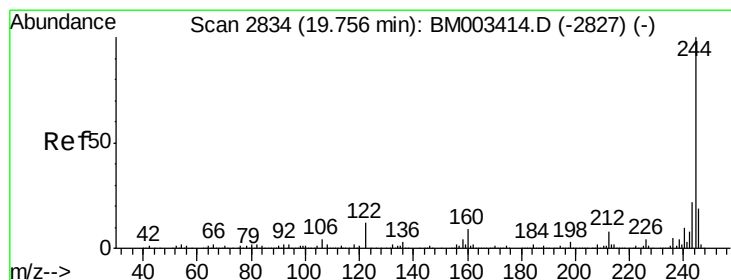
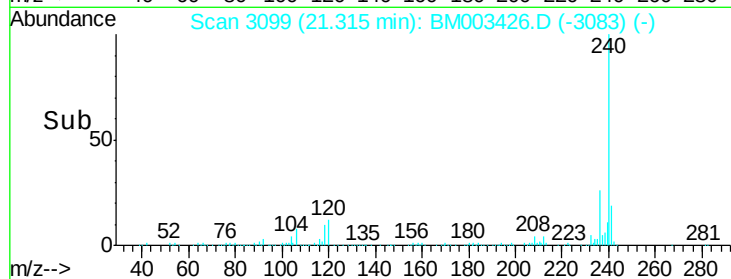
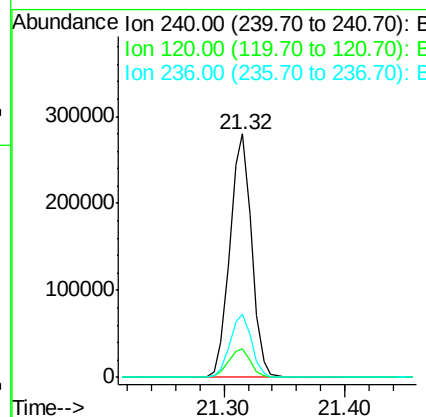
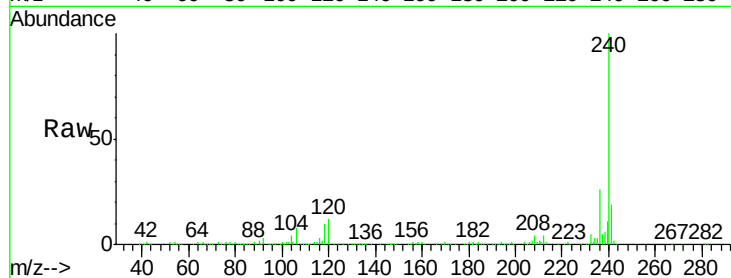




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

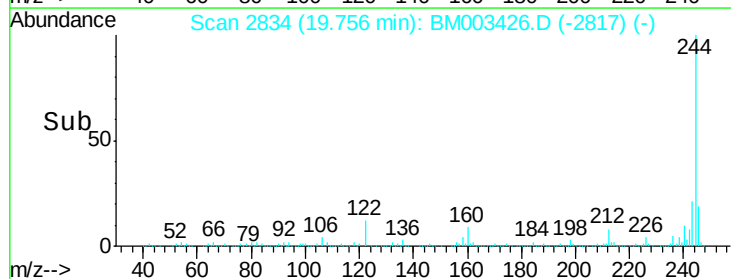
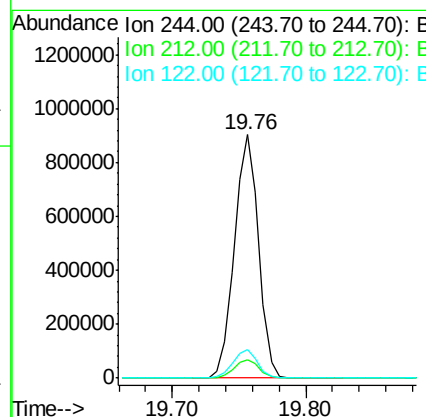
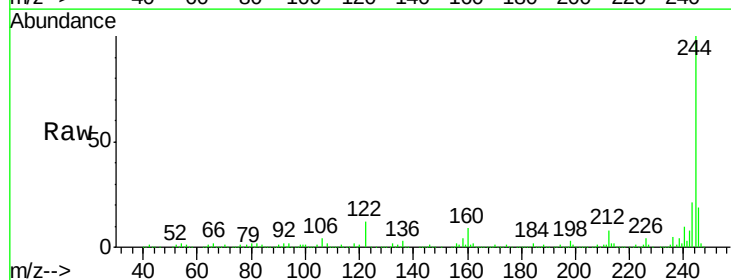
Instrument :
BNA_M
ClientSampleId :
GMW-02

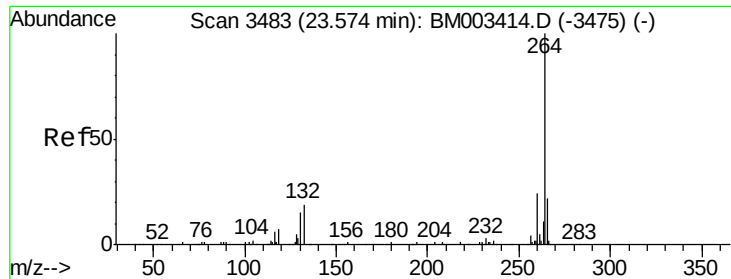
Tgt Ion:240 Resp: 347779
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 26.1 20.0 30.0



#78
Terphenyl-d14
Concen: 77.34 ng
RT: 19.76 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Tgt Ion:244 Resp: 1140522
Ion Ratio Lower Upper
244 100
212 7.8 4.9 7.3#
122 11.5 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003426.D
Acq: 09 Dec 2015 23:18

Instrument :
BNA_M
ClientSampleId :
GMW-02

Tgt Ion: 264 Resp: 339854
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 21.3 17.3 25.9

