

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013016\
 Data File : BM004154.D
 Acq On : 29 Jan 2016 19:49
 Operator : SJ/IZ
 Sample : H1281-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YT-MW11

Quant Time: Jan 30 02:28:17 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

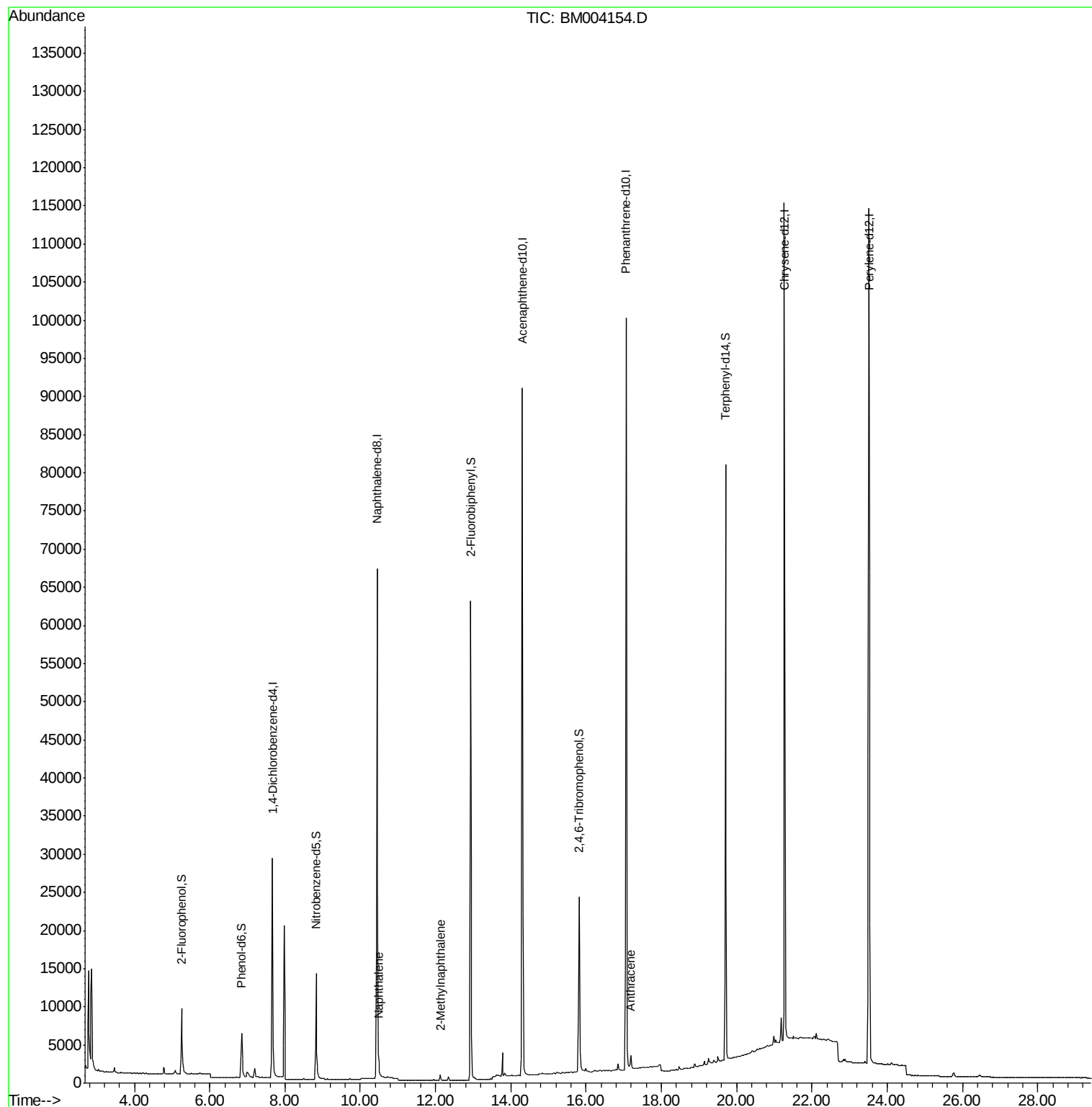
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	20726	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	96119	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	55489	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	150935	5.00	ng	0.00
26) Chrysene-d12	21.27	240	137541	5.00	ng	0.00
35) Perylene-d12	23.52	264	146622	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	9257	2.14	ng	-0.02
5) Phenol-d6	6.85	99	8577	1.64	ng	0.00
8) Nitrobenzene-d5	8.83	82	14803	3.52	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	16193	7.46	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	62064	3.65	ng	0.00
29) Terphenyl-d14	19.71	244	89524	5.12	ng	0.00
Target Compounds						
10) Naphthalene	10.49	128	1600	0.07	ng	# 85
12) 2-Methylnaphthalene	12.12	142	644	0.04	ng	# 83
24) Anthracene	17.19	178	2297	0.07	ng	98

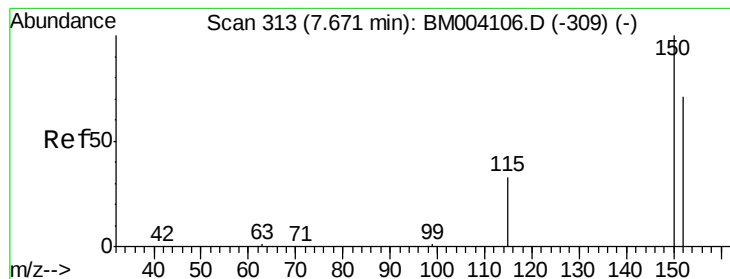
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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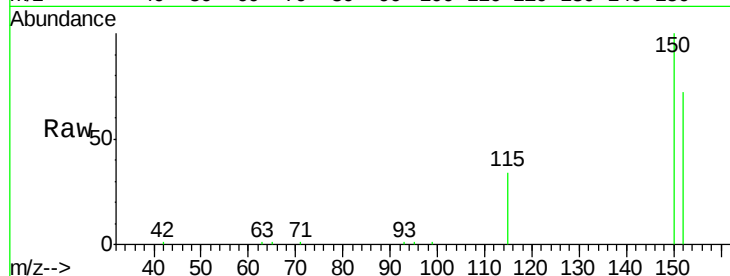


#1

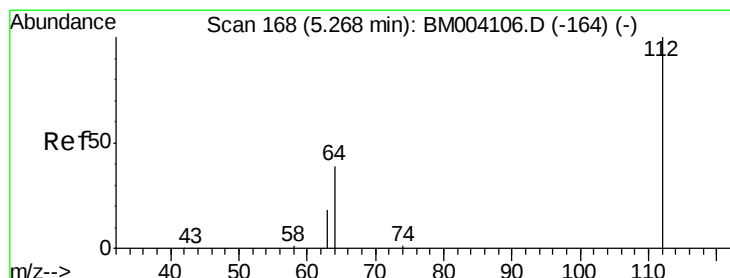
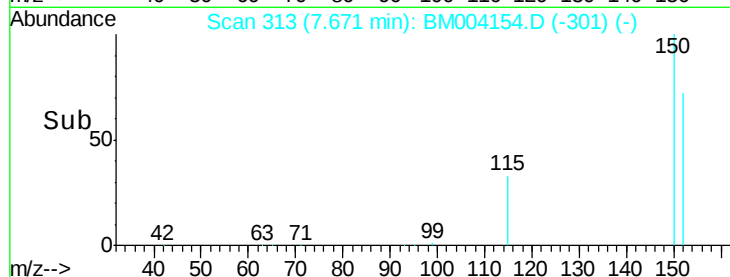
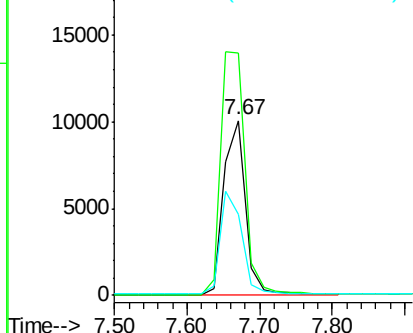
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004154.D
Acq: 29 Jan 2016 19:49

Instrument :
BNA_M
ClientSampleId :
YT-MW11

Tot Ion:152 Resp: 20726
Ion Ratio Lower Upper
152 100
150 138.9 122.9 184.3
115 46.6 44.4 66.6



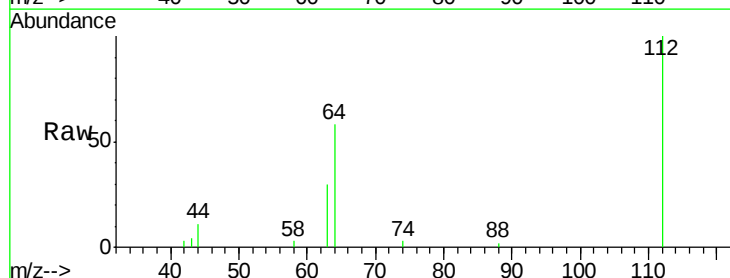
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



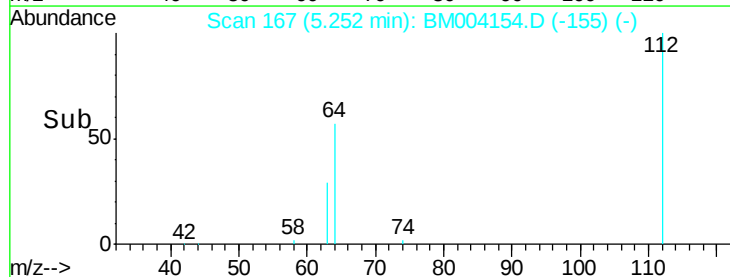
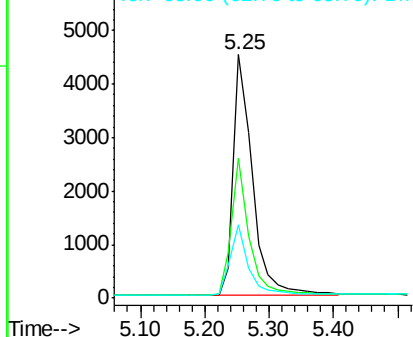
#4

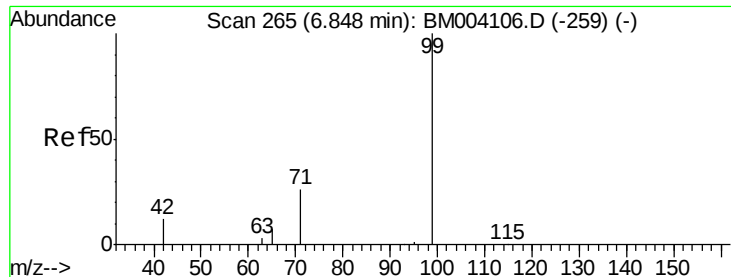
2-Fluorophenol
Concen: 2.14 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004154.D
Acq: 29 Jan 2016 19:49

Tgt Ion:112 Resp: 9257
Ion Ratio Lower Upper
112 100
64 52.7 41.8 62.8
63 28.1 22.1 33.1



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





#5

Phenol-d6

Concen: 1.64 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

Instrument :

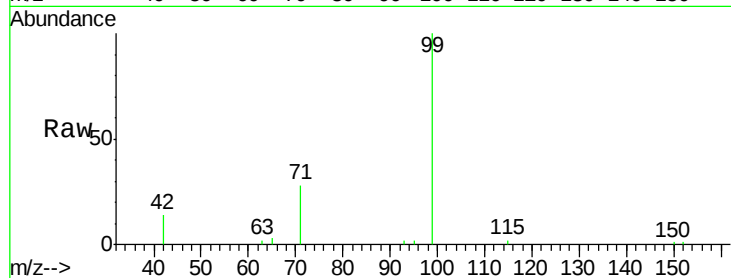
BNA_M

ClientSampled :

YT-MW11

Tot Ion: 99 Resp: 8577

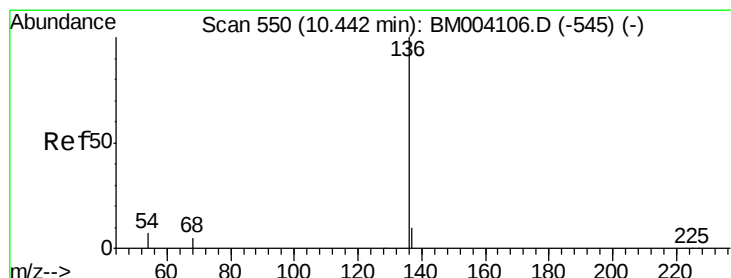
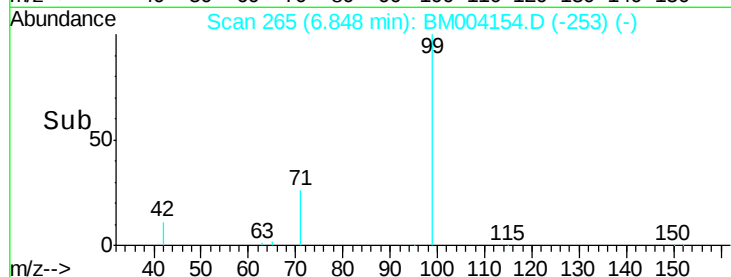
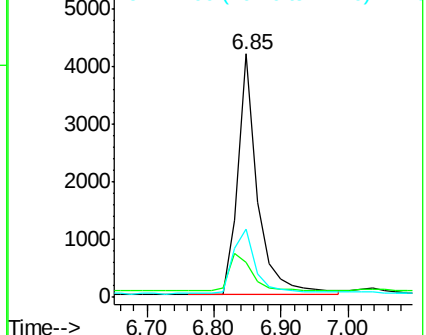
Ion	Ratio	Lower	Upper
99	100		
42	17.2	16.2	24.2
71	31.7	24.4	36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004106.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM004106.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM004106.D (-259) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

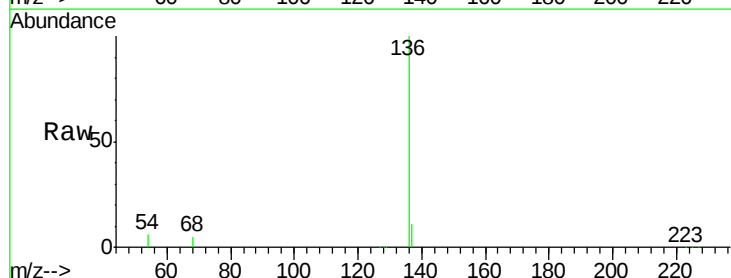
Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

Tgt Ion: 136 Resp: 96119

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.4	2.8	4.2#
68	5.0	2.5	3.7#

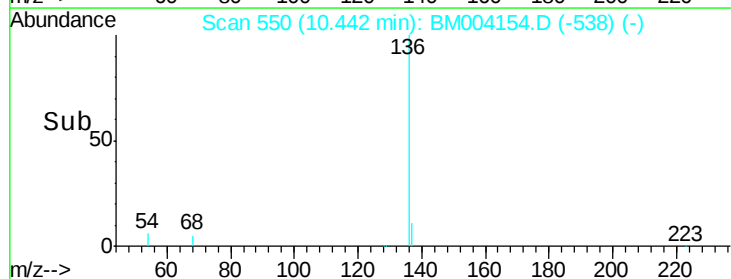
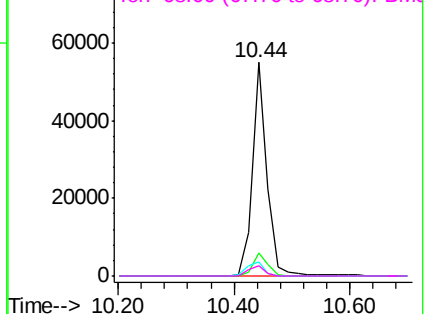


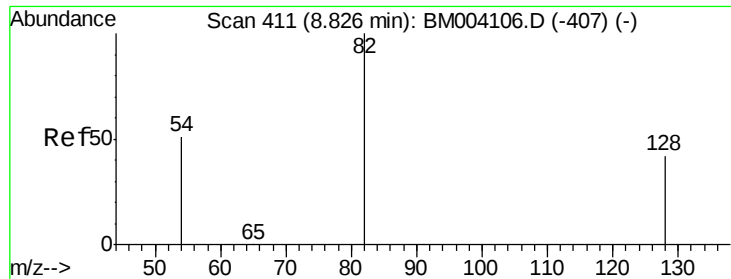
Abundance Ion 136.00 (135.70 to 136.70): BM004106.D (-545) (-)

Ion 137.00 (136.70 to 137.70): BM004106.D (-545) (-)

Ion 54.00 (53.70 to 54.70): BM004106.D (-545) (-)

Ion 68.00 (67.70 to 68.70): BM004106.D (-545) (-)





#8

Nitrobenzene-d5

Concen: 3.52 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

Instrument :

BNA_M

ClientSampleId :

YT-MW11

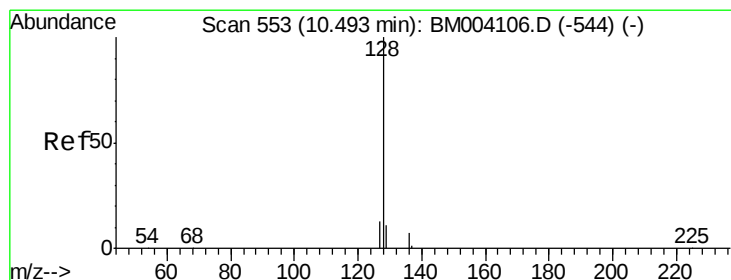
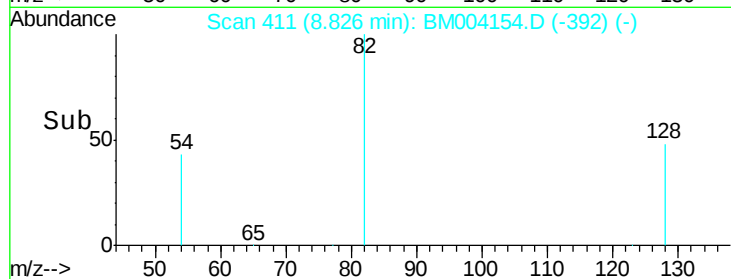
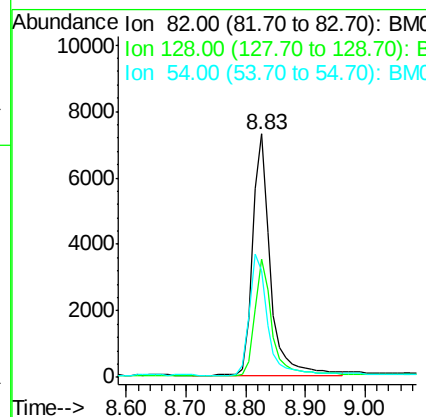
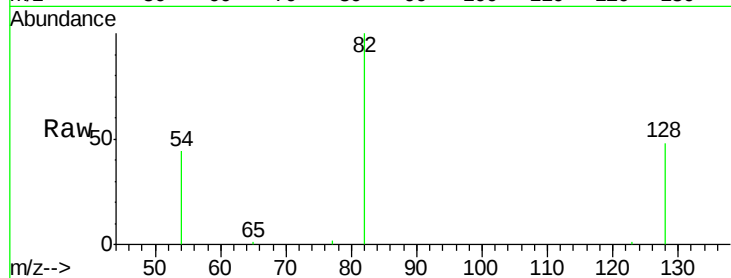
Tot Ion: 82 Resp: 14803

Ion Ratio Lower Upper

82 100

128 48.3 39.1 58.7

54 43.8 34.8 52.2



#10

Naphthalene

Concen: 0.07 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

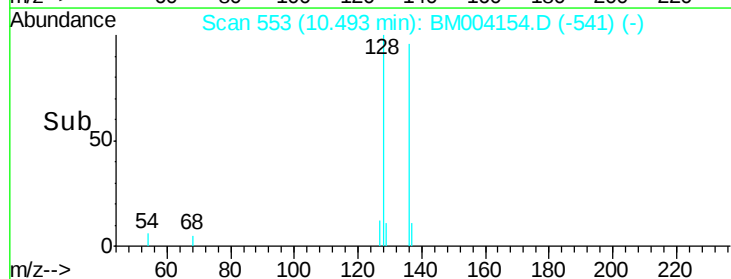
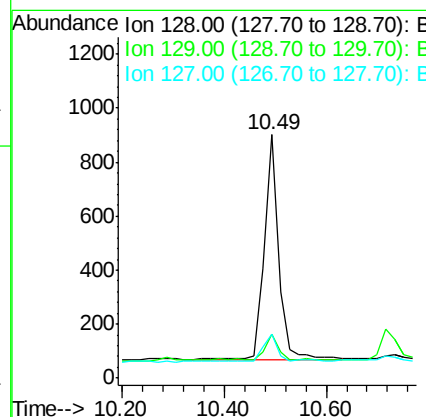
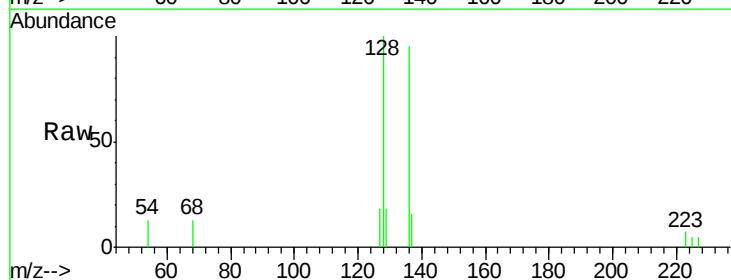
Tgt Ion: 128 Resp: 1600

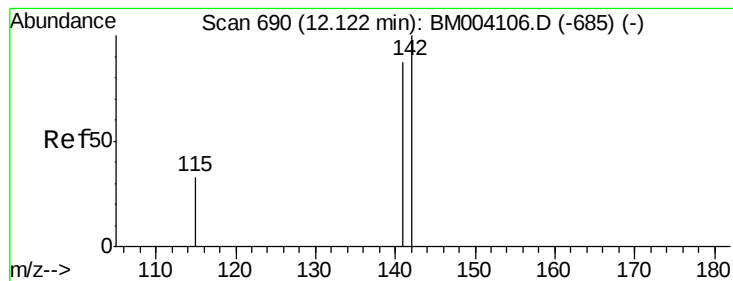
Ion Ratio Lower Upper

128 100

129 18.2 8.5 12.7#

127 18.0 11.0 16.4#





#12

2-Methylnaphthalene

Concen: 0.04 ng

RT: 12.12 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

Instrument :

BNA_M

ClientSampleId :

YT-MW11

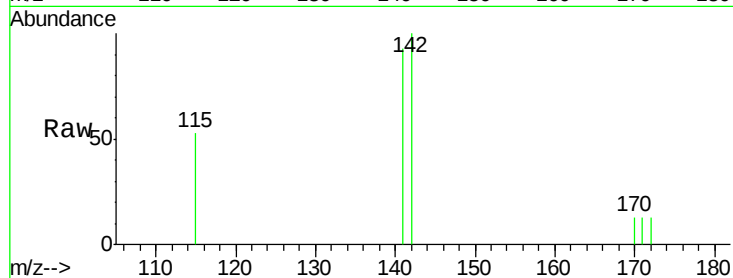
Tot Ion:142 Resp: 644

Ion Ratio Lower Upper

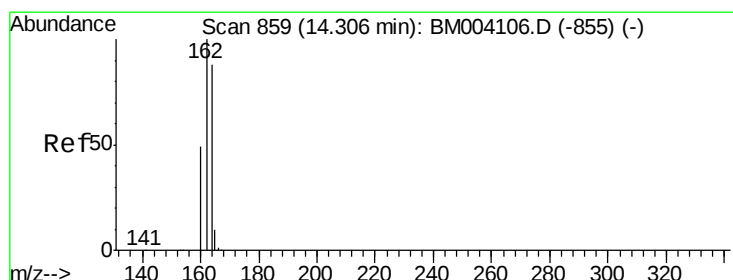
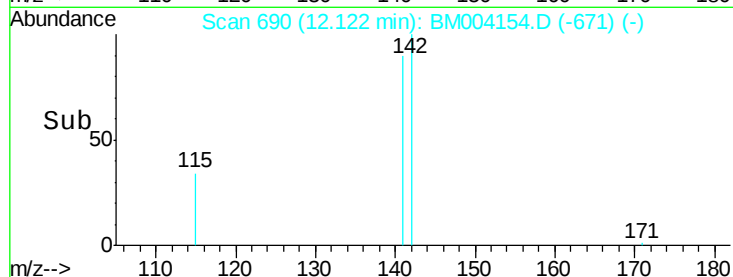
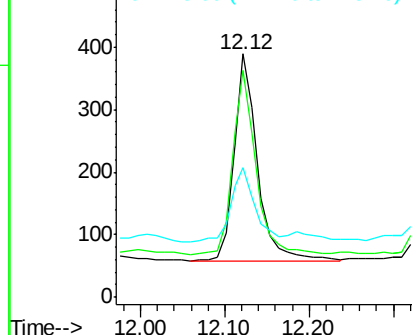
142 100

141 93.3 67.8 101.8

115 53.2 25.3 37.9#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

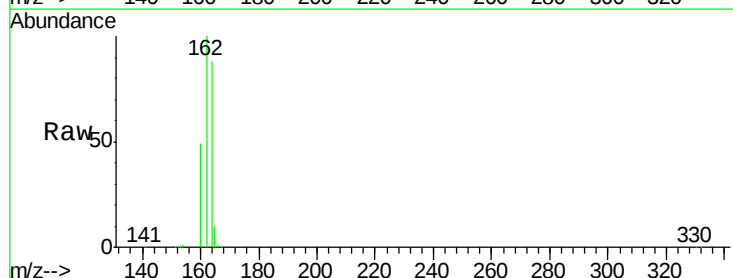
Tgt Ion:164 Resp: 55489

Ion Ratio Lower Upper

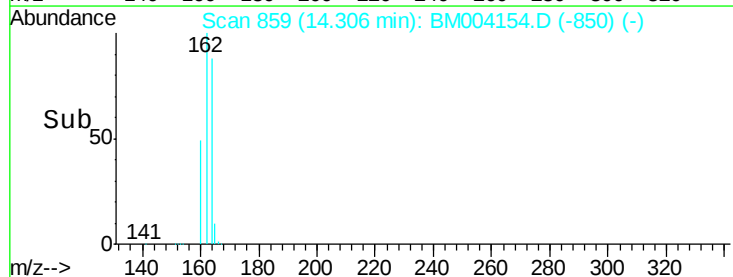
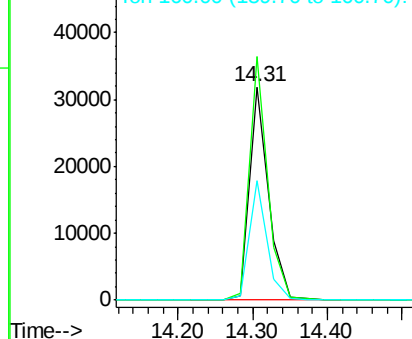
164 100

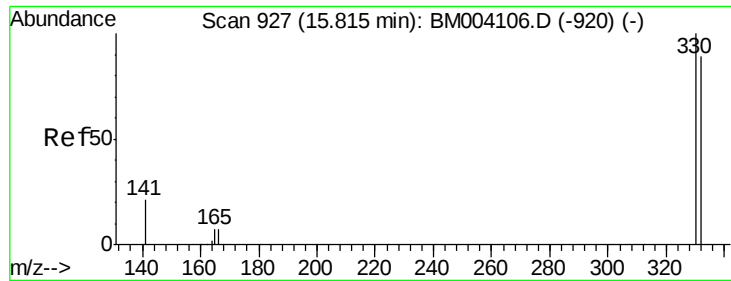
162 114.2 86.0 129.0

160 55.9 40.3 60.5



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

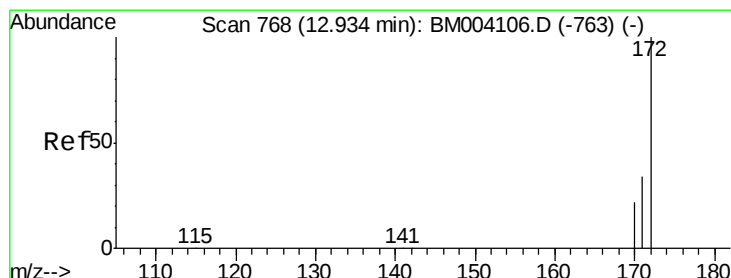
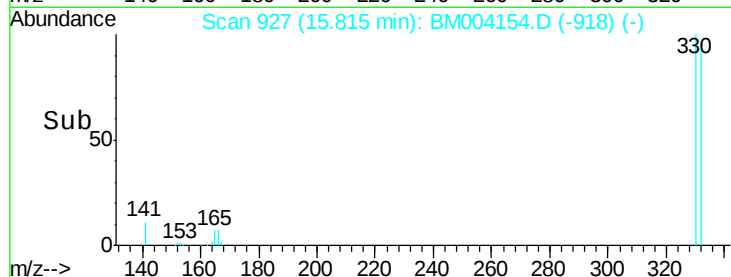
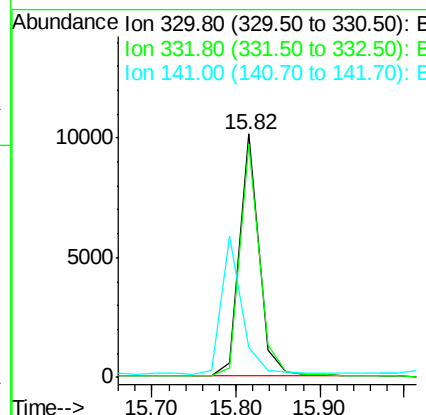
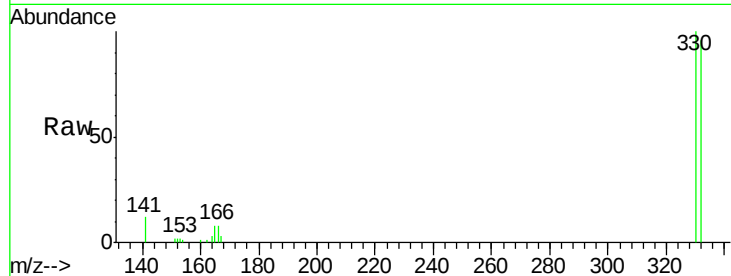




#14
 2,4,6-Tribromophenol
 Concen: 7.46 ng
 RT: 15.82 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BM004154.D
 Acq: 29 Jan 2016 19:49

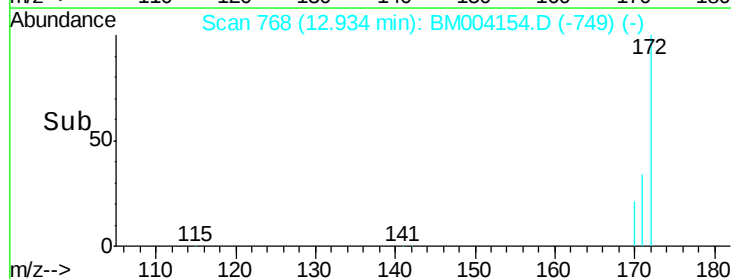
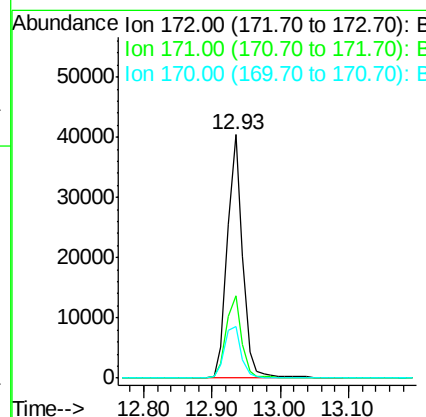
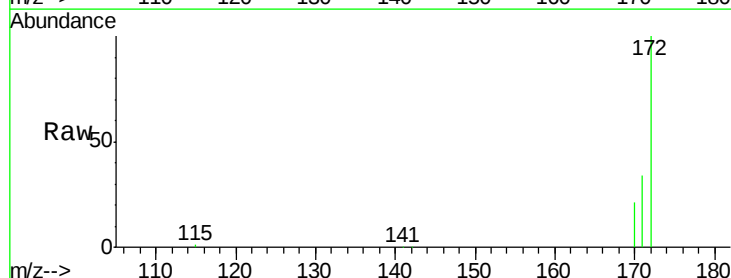
Instrument :
 BNA_M
 ClientSampleId :
 YT-MW11

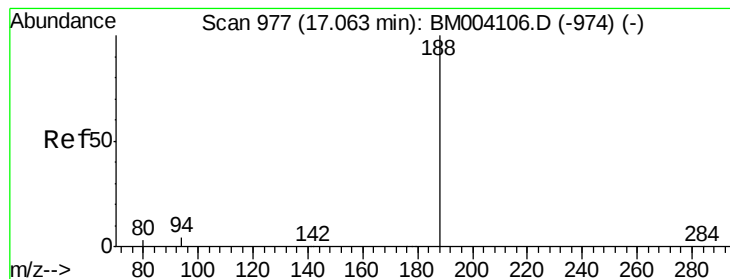
Tot Ion:330 Resp: 16193
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 0.0 27.8 41.6#



#15
 2-Fluorobiphenyl
 Concen: 3.65 ng
 RT: 12.93 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BM004154.D
 Acq: 29 Jan 2016 19:49

Tgt Ion:172 Resp: 62064
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.0 40.6
 170 21.3 17.9 26.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

Instrument :

BNA_M

ClientSampleId :

YT-MW11

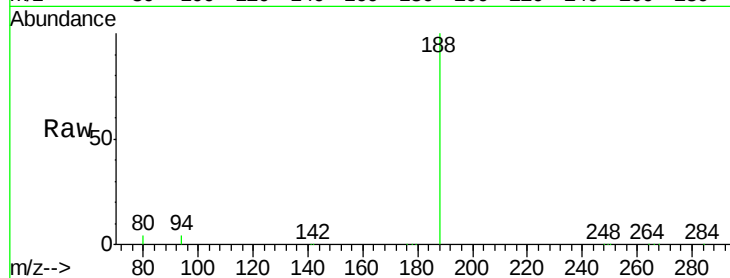
Tot Ion:188 Resp: 150935

Ion Ratio Lower Upper

188 100

94 4.2 20.3 30.5#

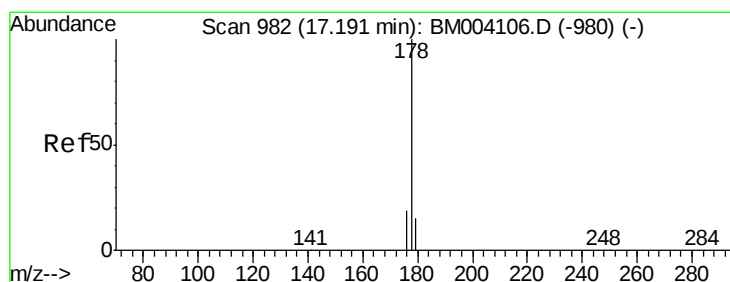
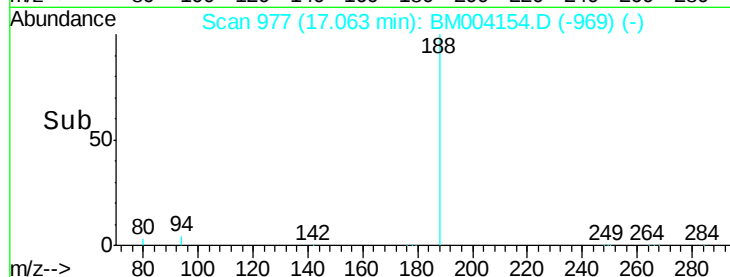
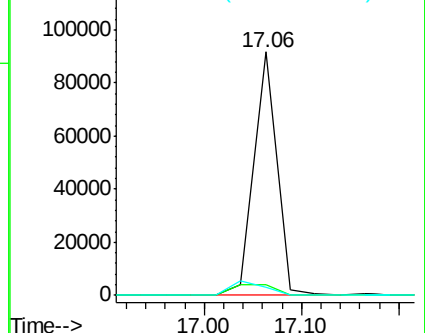
80 3.5 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#24

Anthracene

Concen: 0.07 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

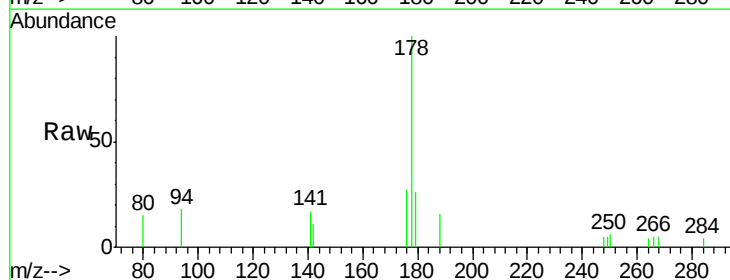
Tgt Ion:178 Resp: 2297

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

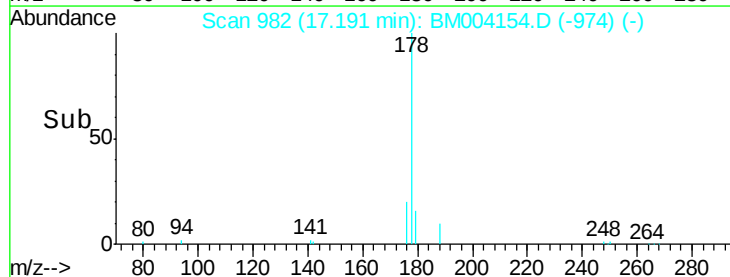
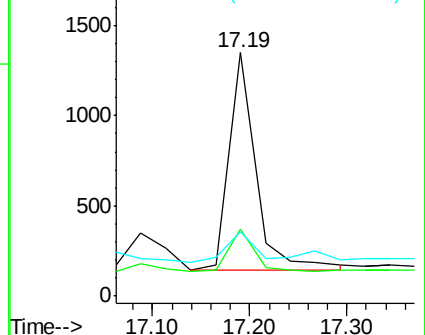
179 17.3 12.6 19.0

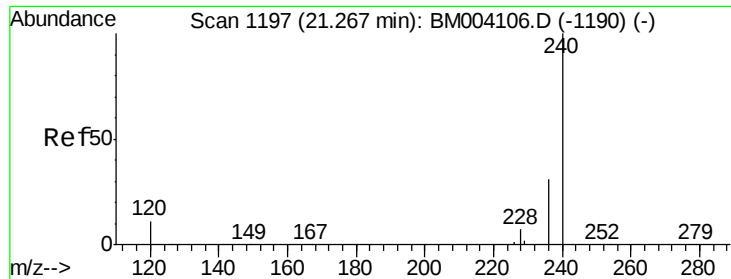


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

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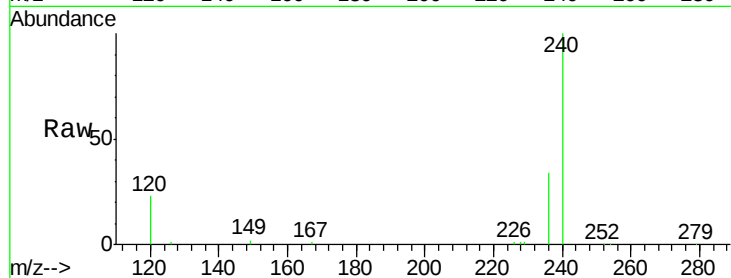
Tot Ion:240 Resp: 137541

Ion Ratio Lower Upper

240 100

120 23.5 0.9 1.3#

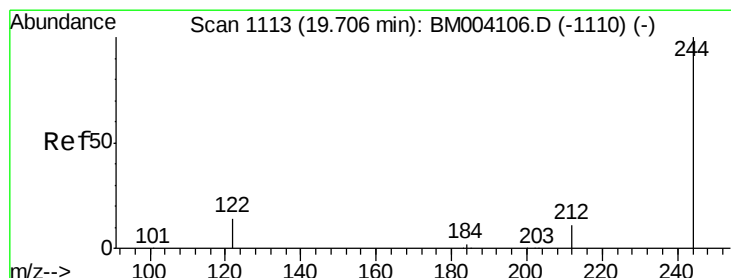
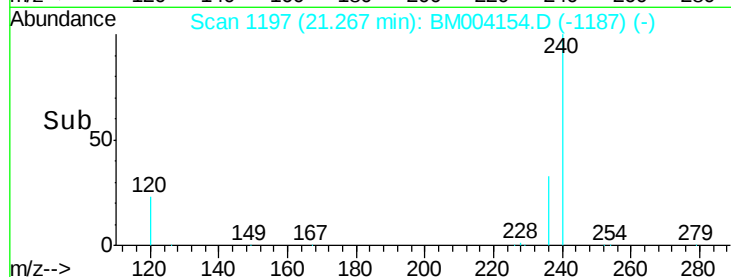
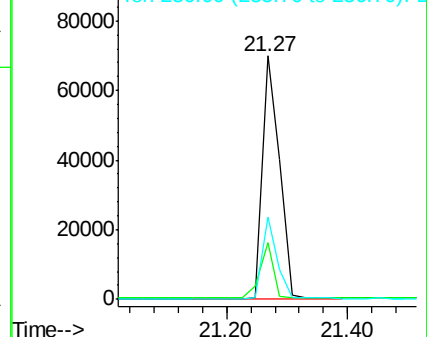
236 33.6 17.3 25.9#



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



#29

Terphenyl-d14

Concen: 5.12 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

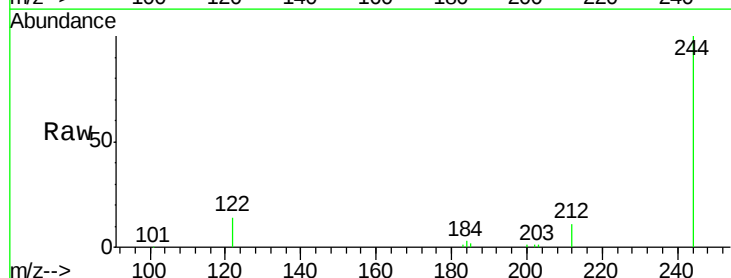
Tgt Ion:244 Resp: 89524

Ion Ratio Lower Upper

244 100

212 11.0 7.0 10.6#

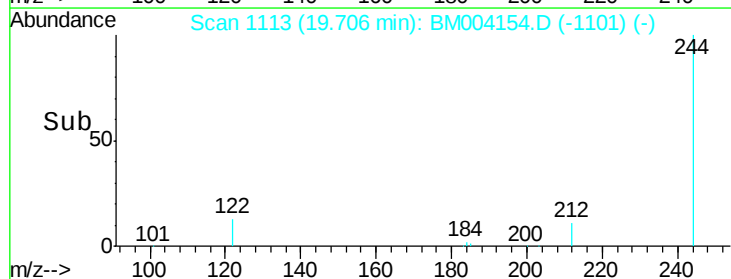
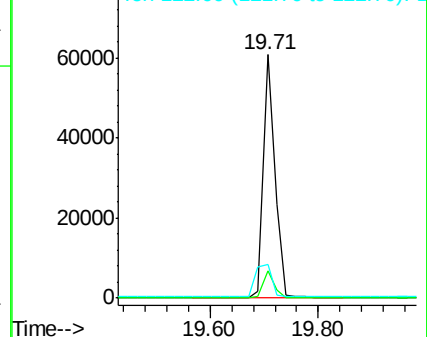
122 13.7 3.0 4.6#

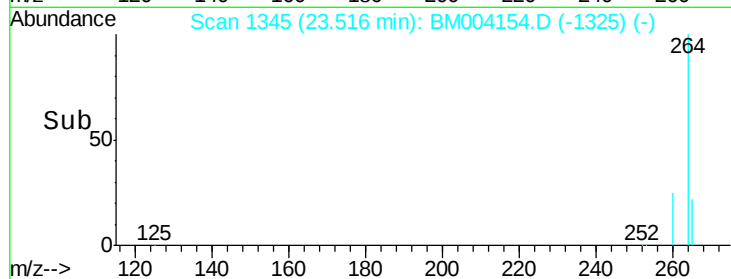
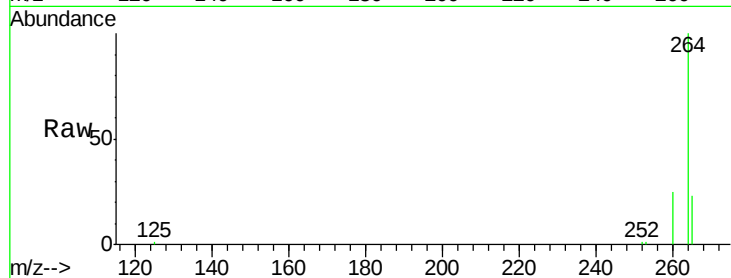
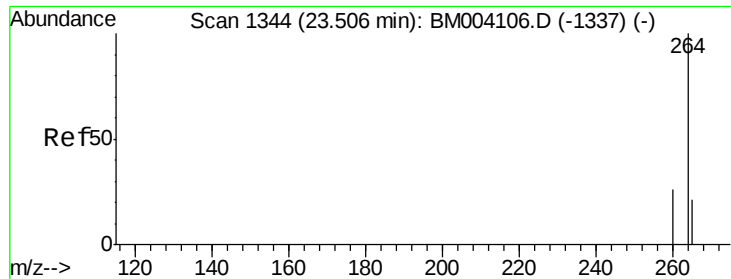


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM004154.D

Acq: 29 Jan 2016 19:49

Instrument :

BNA_M

ClientSampleId :

YT-MW11

Tot Ion:264 Resp: 146622

Ion Ratio Lower Upper

264 100

260 25.0 21.2 31.8

265 22.7 16.7 25.1

