

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016361.D
 Acq On : 14 Aug 2018 19:02
 Operator : SJ/JU
 Sample : J4431-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

Quant Time: Aug 15 11:56:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

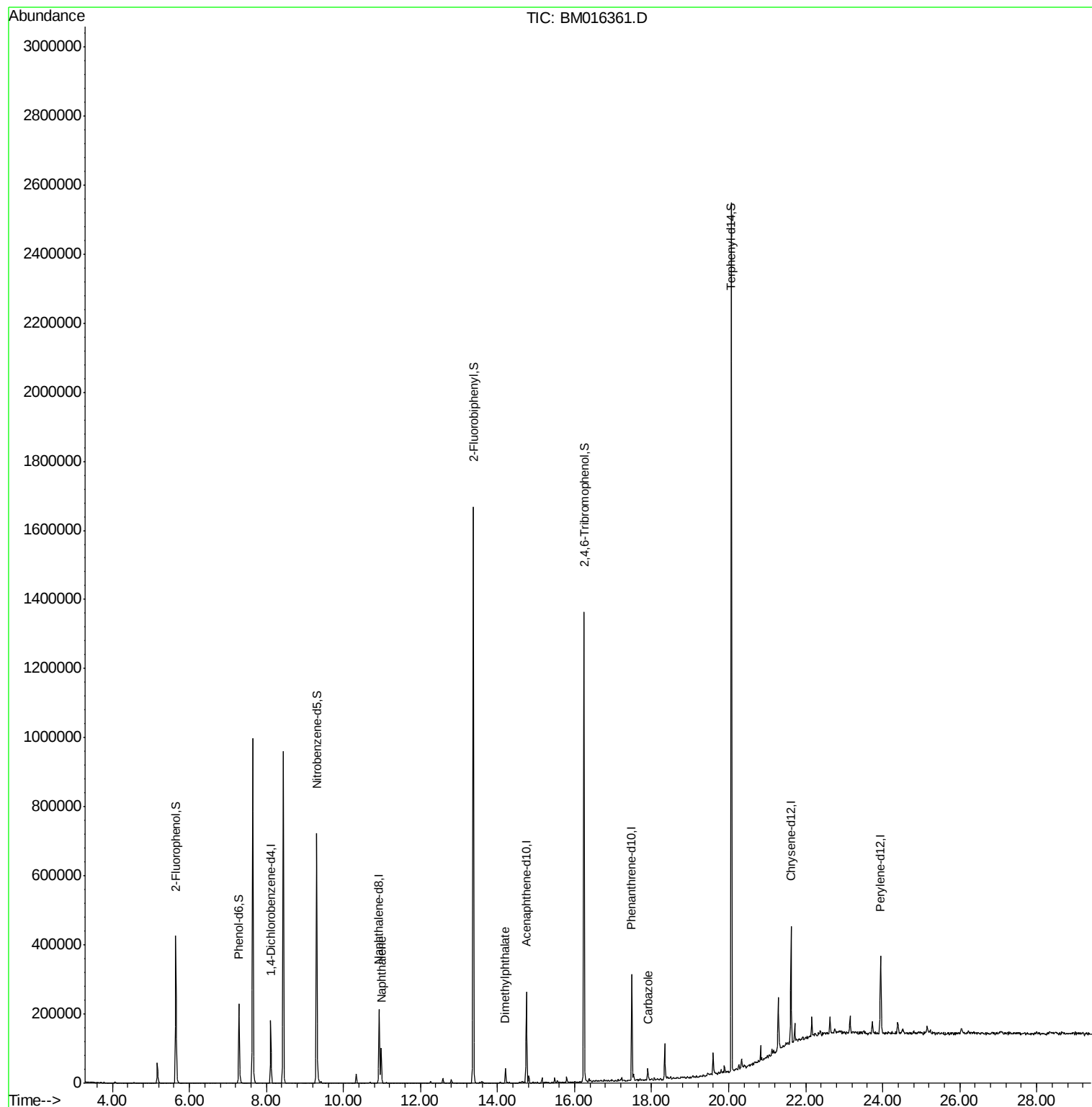
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36707	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	140484	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70828	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	140489	20.00	ng	0.00
75) Chrysene-d12	21.62	240	121905	20.00	ng	0.00
86) Perylene-d12	23.95	264	133089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	136622	61.83	ng	0.00
7) Phenol-d6	7.29	99	92872	32.18	ng	0.00
23) Nitrobenzene-d5	9.30	82	335488	111.07	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	133543	148.66	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	660884	113.53	ng	0.00
78) Terphenyl-d14	20.07	244	786198	135.00	ng	0.00
Target Compounds						
31) Naphthalene	10.98	128	60125	8.456	ng	98
49) Dimethylphthalate	14.20	163	23233	3.748	ng	# 95
72) Carbazole	17.90	167	18981	2.397	ng	# 92

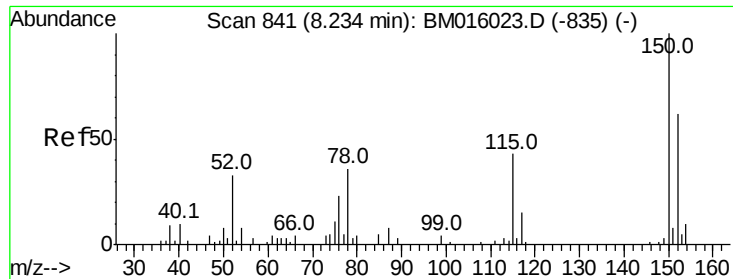
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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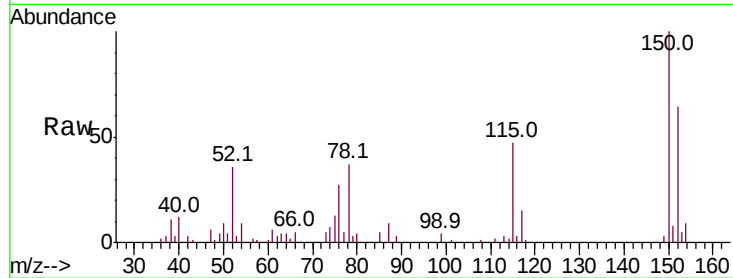


#1

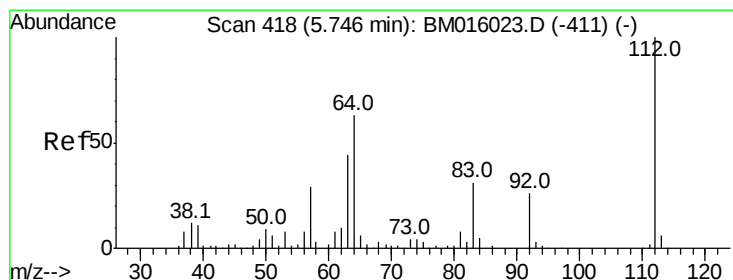
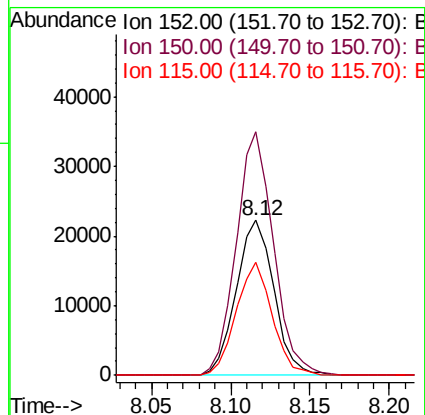
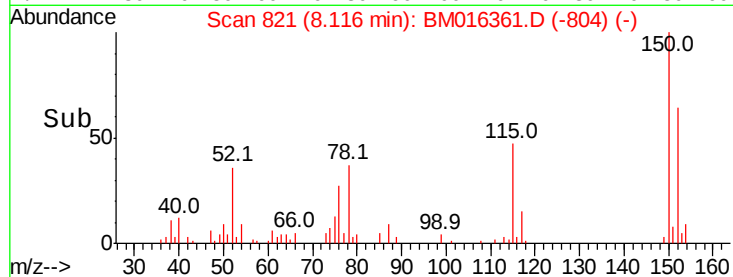
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. -0.00 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tot Ion:152 Resp: 36707
Ion Ratio Lower Upper
152 100
150 157.2 119.5 179.3
115 73.1 43.0 64.4#



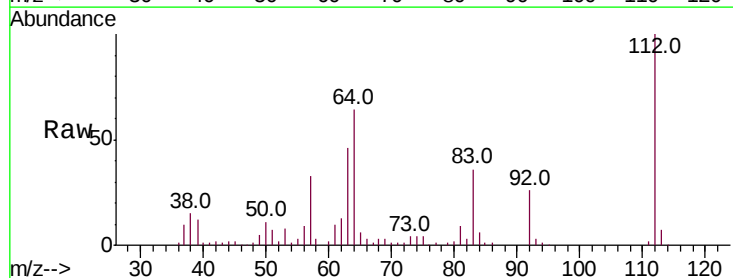
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



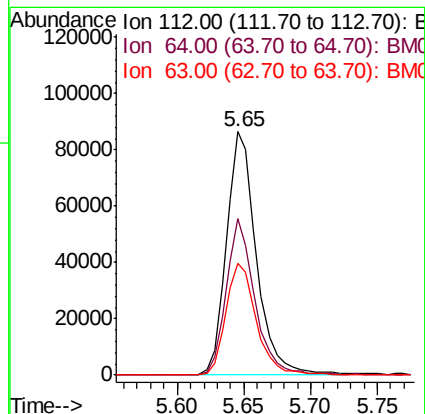
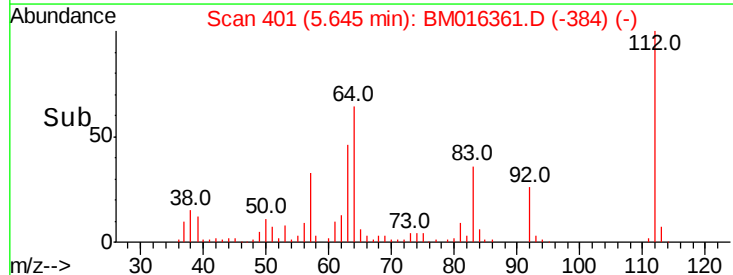
#5

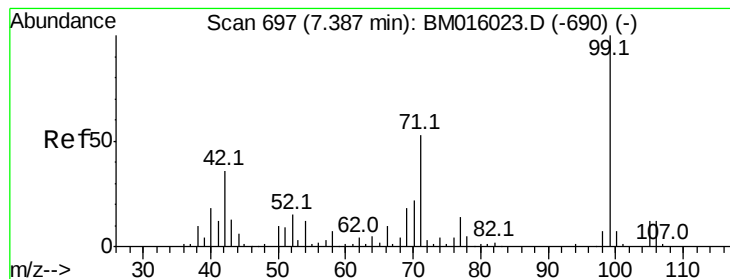
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

Tgt Ion:112 Resp: 136622
Ion Ratio Lower Upper
112 100
64 64.4 38.6 57.8#
63 45.9 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: Below na

RT: 7.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

Instrument :

BNA_M

ClientSampleId :

GMW-11

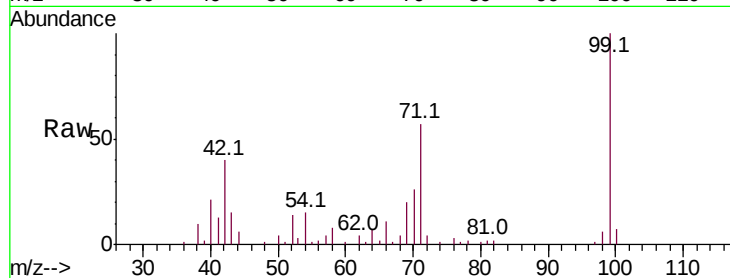
Tot Ion: 99 Resp: 92872

Ion Ratio Lower Upper

99 100

42 40.0 11.0 16.4#

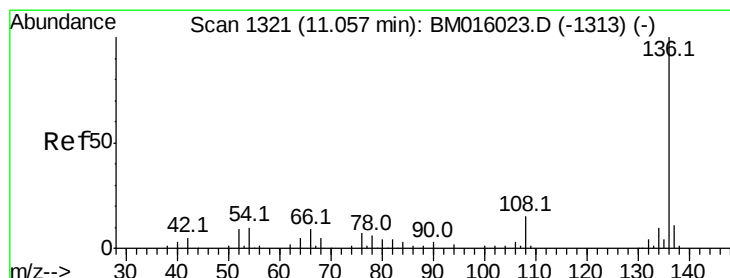
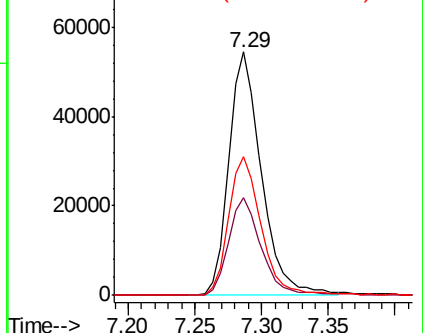
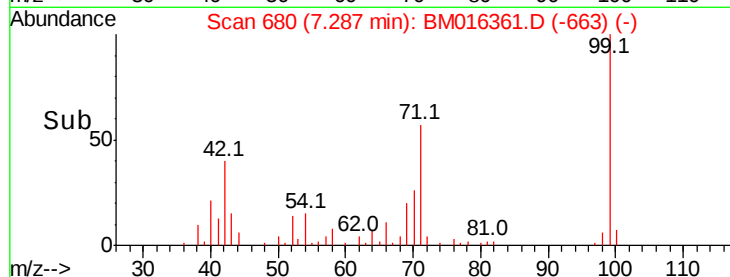
71 57.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016361.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016361.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016361.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

Tgt Ion: 136 Resp: 140484

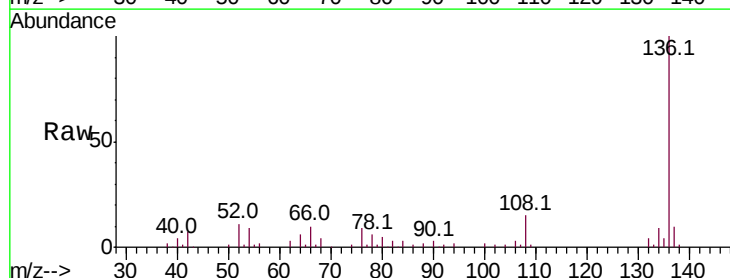
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.0 4.6 6.8#

68 3.6 3.7 5.5#

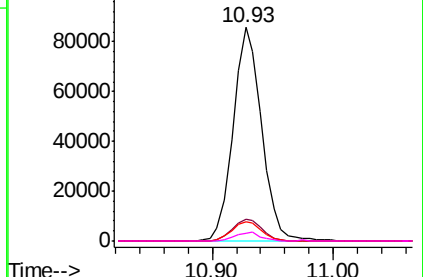
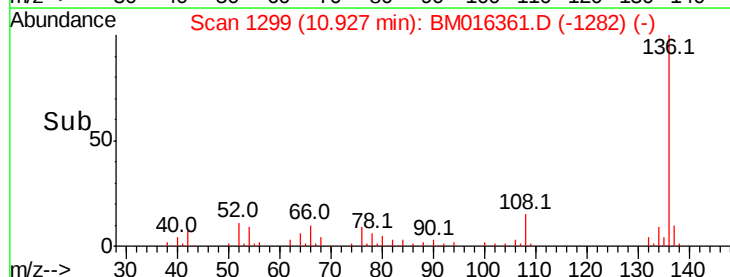


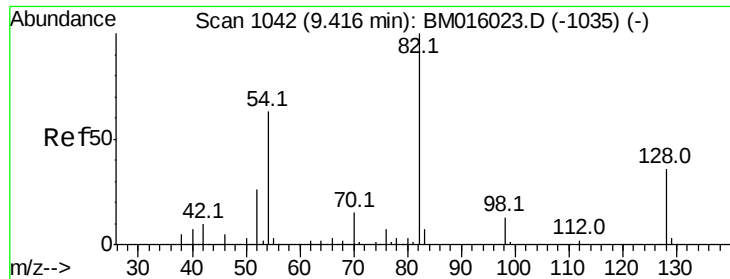
Abundance Ion 136.00 (135.70 to 136.70): BM016361.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016361.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016361.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016361.D (-1282) (-)

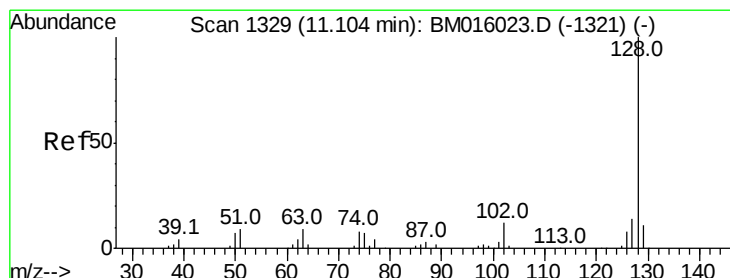
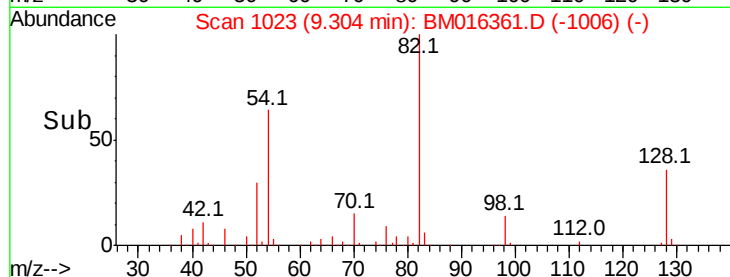
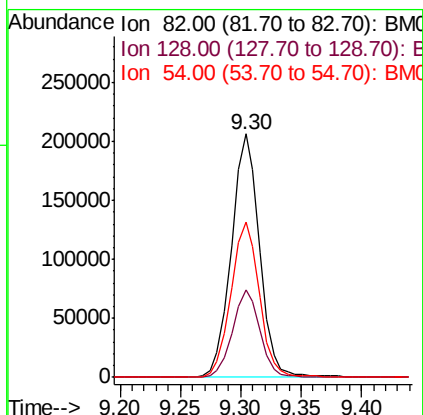
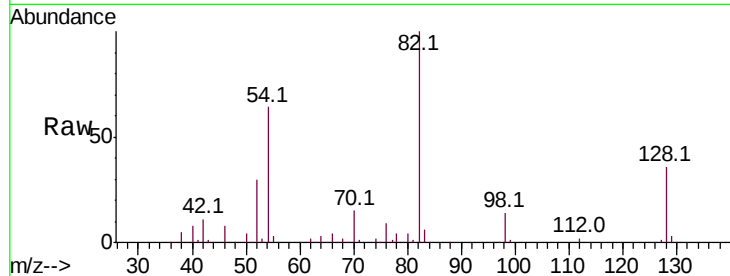




#23
Nitrobenzene-d5
Concen: N.D. na
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

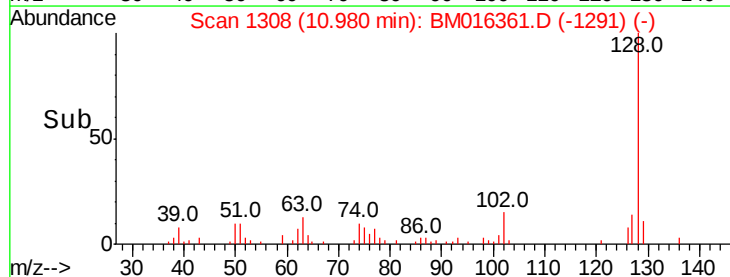
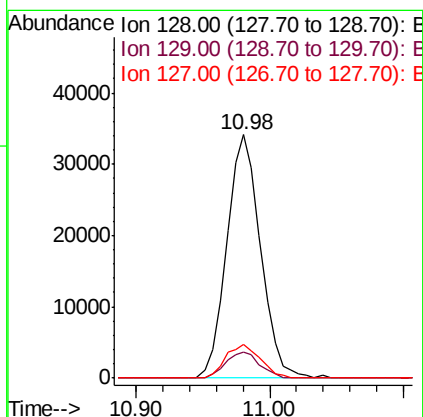
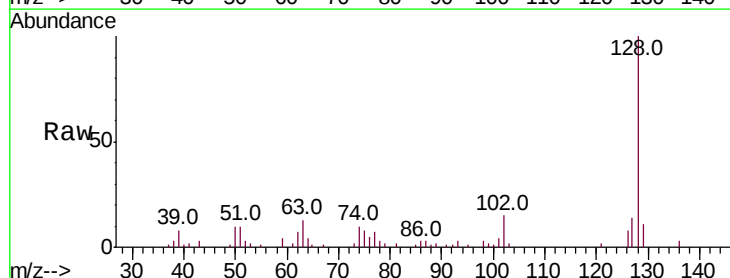
Instrument :
BNA_M
ClientSampleId :
GMW-11

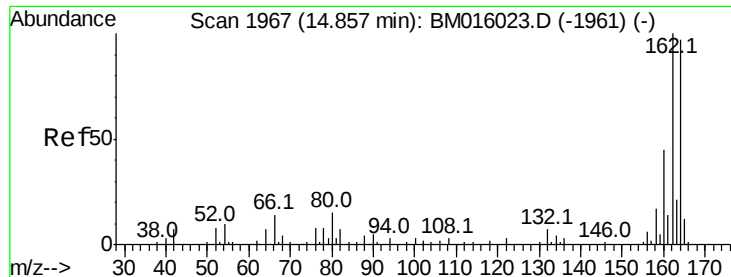
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	32.8	49.2
54	63.8	40.6	60.8#



#31
Naphthalene
Concen: 8.456 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.9	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

Instrument :

BNA_M

ClientSampleId :

GMW-11

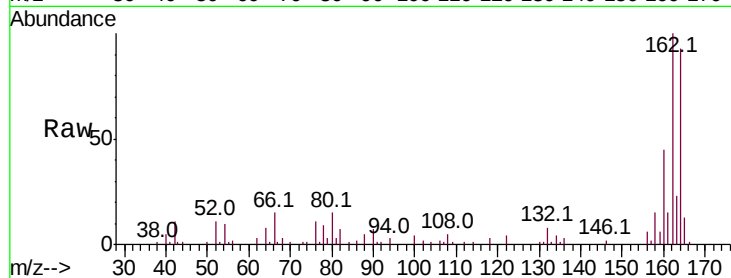
Tot Ion:164 Resp: 70828

Ion Ratio Lower Upper

164 100

162 107.8 82.4 123.6

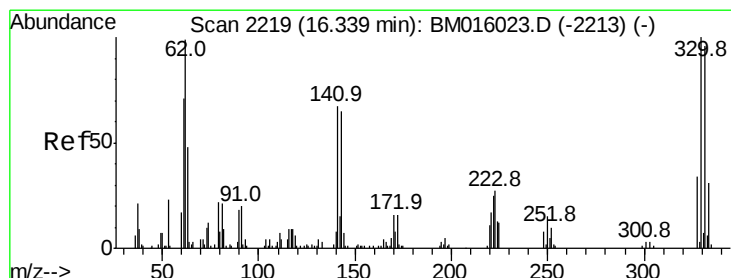
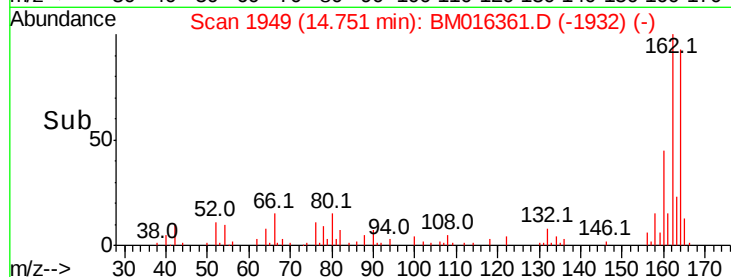
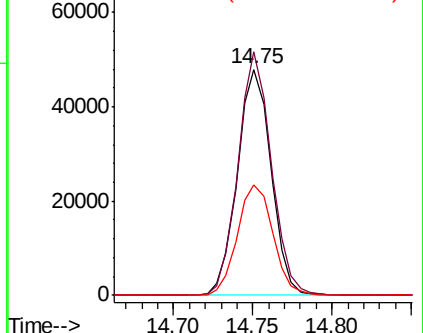
160 49.0 35.8 53.6



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: N.D. ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

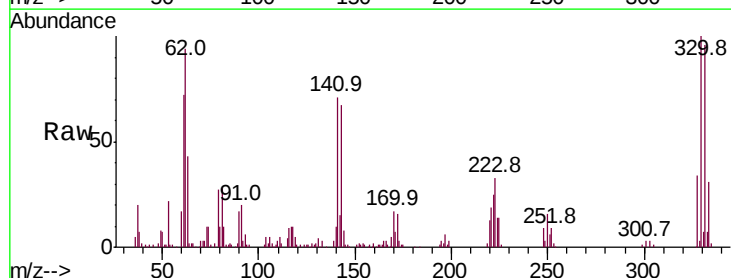
Tgt Ion:330 Resp: 133543

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

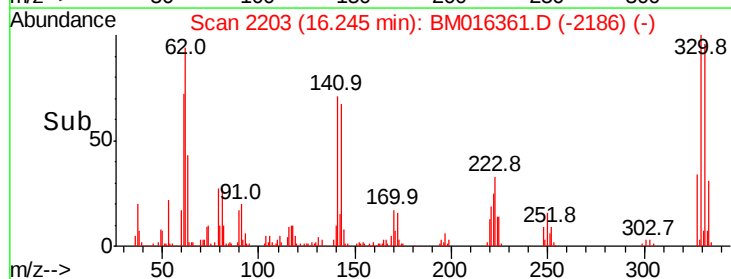
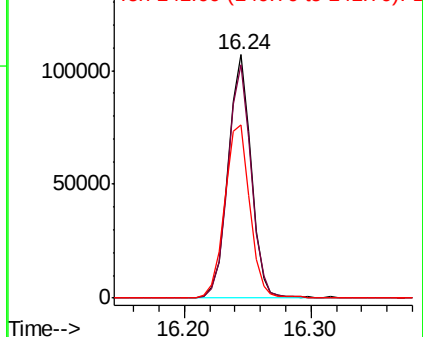
141 78.3 0.0 0.0#



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

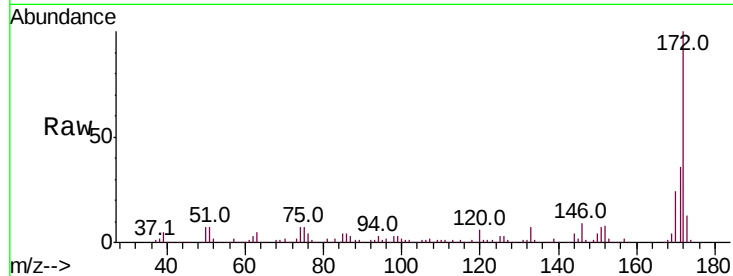




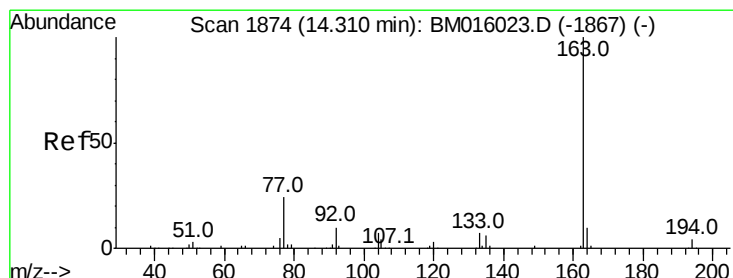
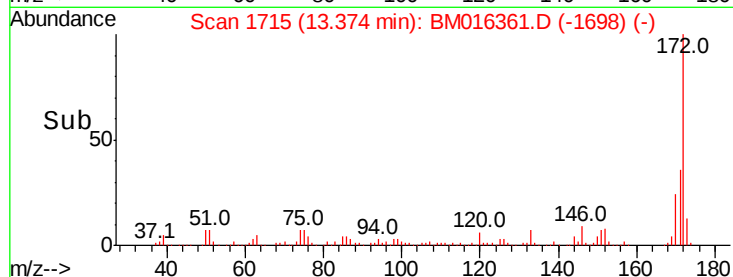
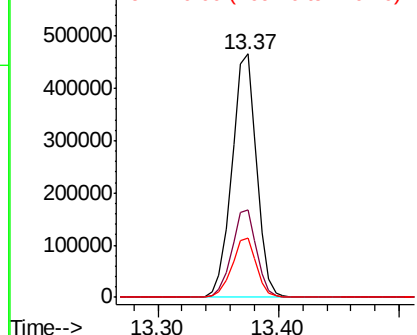
#44
 2-Fluorobiphenyl
 Concen: N.D. na
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM016361.D
 Acq: 14 Aug 2018 19:02

Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

Tot Ion:172 Resp: 660884
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.5 18.8 28.2

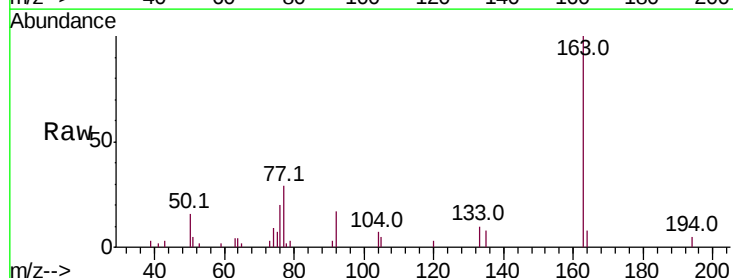


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

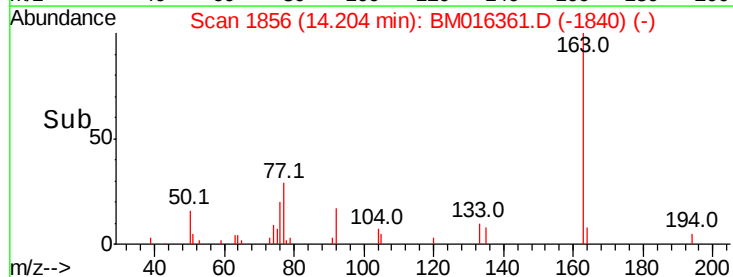
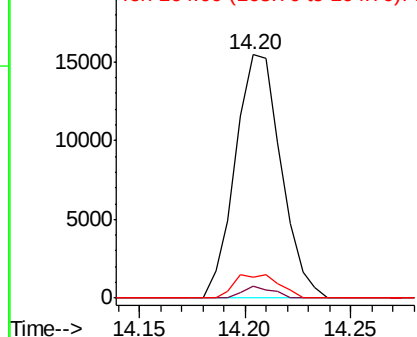


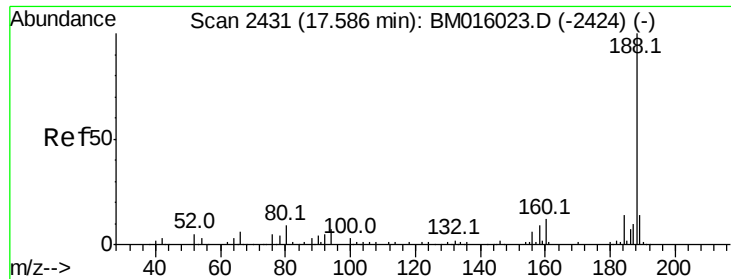
#49
 Dimethylphthalate
 Concen: 3.748 ng
 RT: 14.20 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM016361.D
 Acq: 14 Aug 2018 19:02

Tgt Ion:163 Resp: 23233
 Ion Ratio Lower Upper
 163 100
 194 4.9 2.7 4.1#
 164 8.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

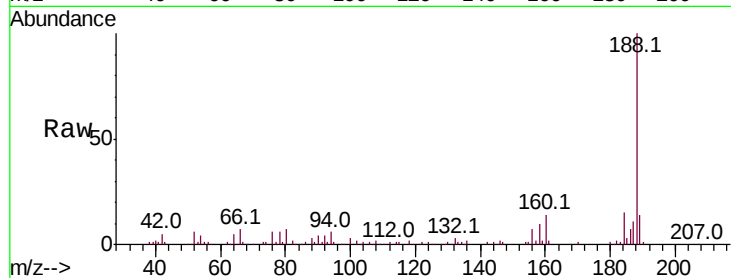




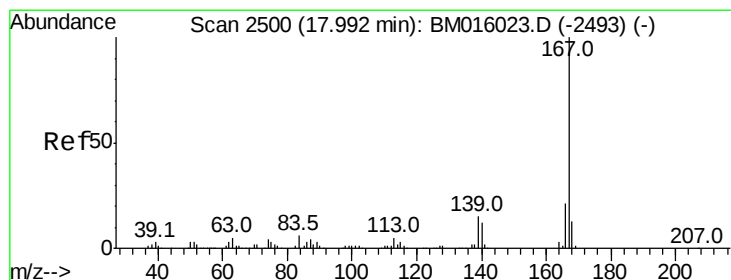
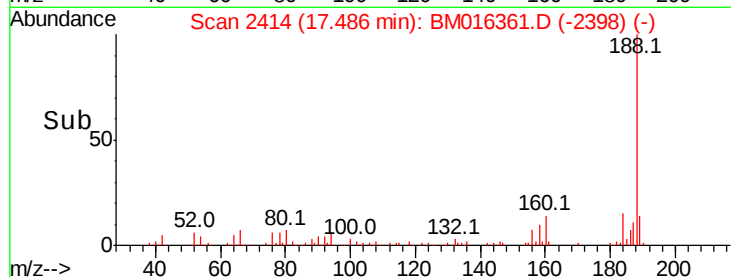
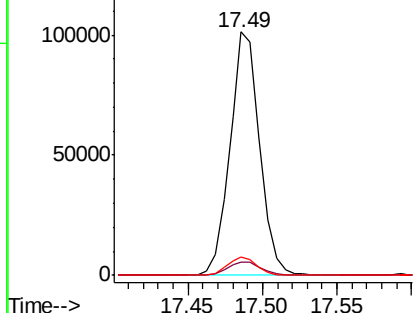
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

Instrument :
BNA_M
ClientSampled :
GMW-11

Tot Ion:188 Resp: 140489
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 7.4 9.3 13.9#

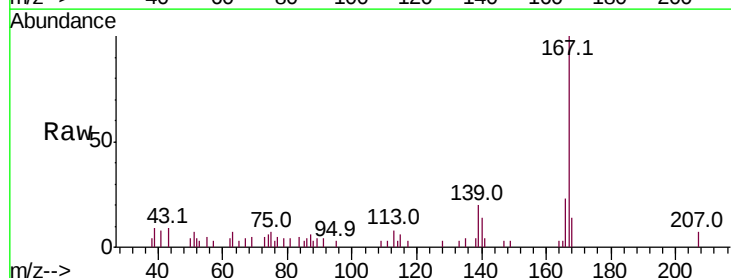


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

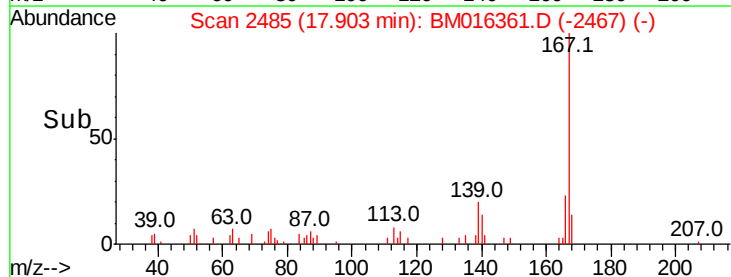
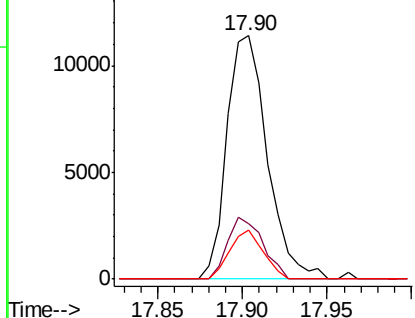


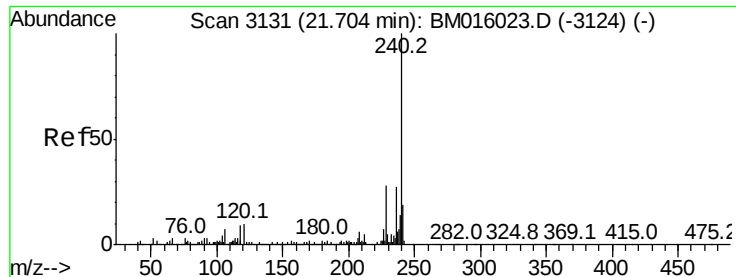
#72
Carbazole
Concen: 2.397 ng
RT: 17.90 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

Tgt Ion:167 Resp: 18981
Ion Ratio Lower Upper
167 100
166 22.7 17.2 25.8
139 20.3 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

Instrument :

BNA_M

ClientSampled :

GMW-11

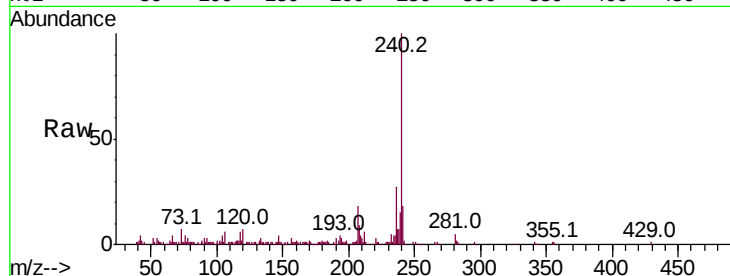
Tot Ion:240 Resp: 121905

Ion Ratio Lower Upper

240 100

120 7.5 8.2 12.2#

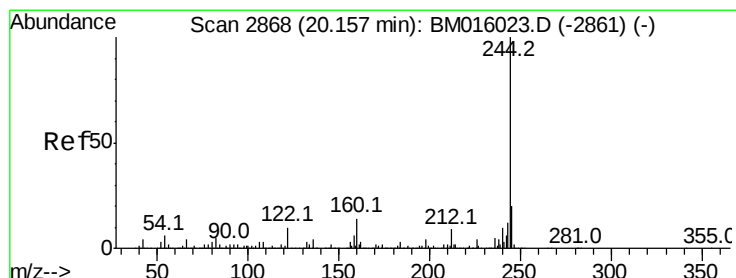
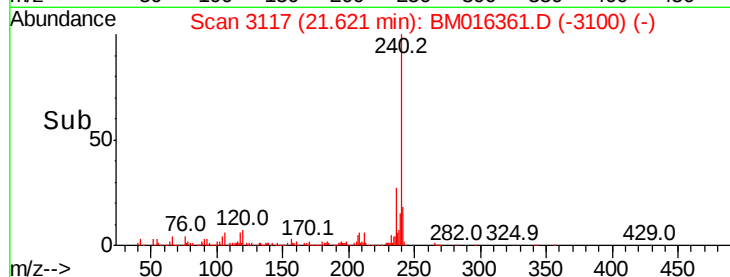
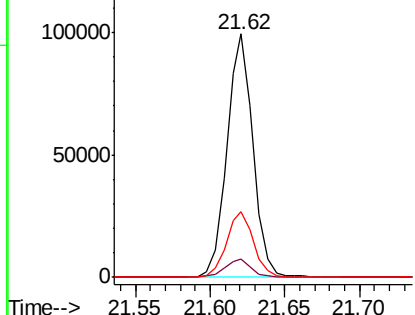
236 27.0 20.0 30.0



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: Below ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

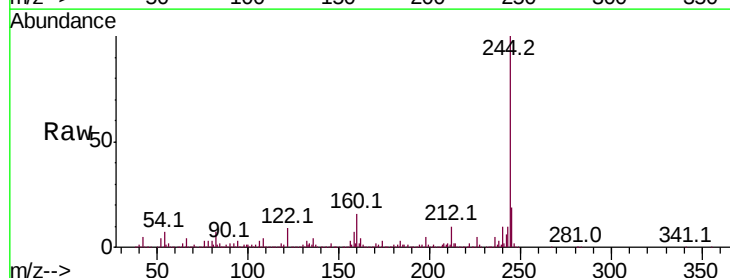
Tgt Ion:244 Resp: 786198

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

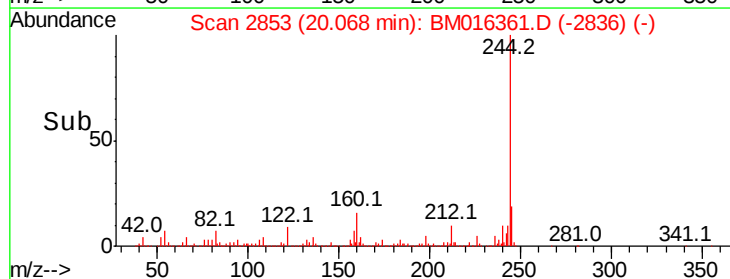
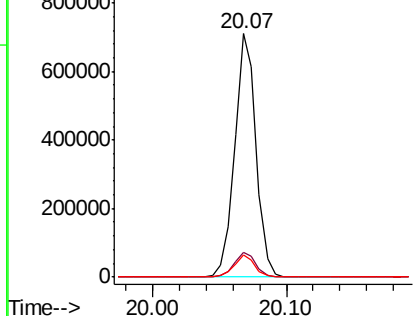
122 9.1 6.2 9.4

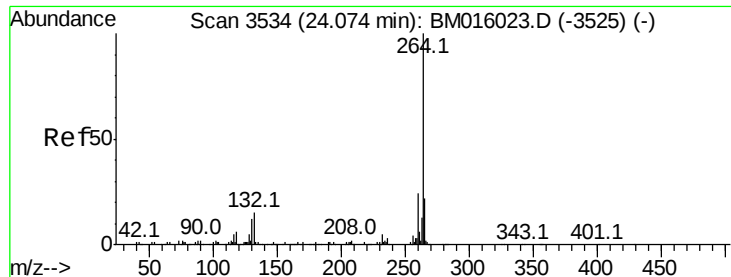


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

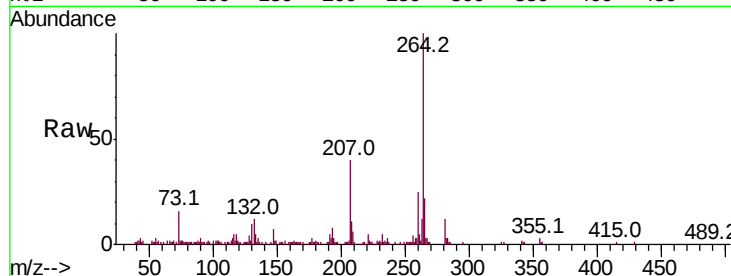




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	21.9	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

