

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 11:31:15 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

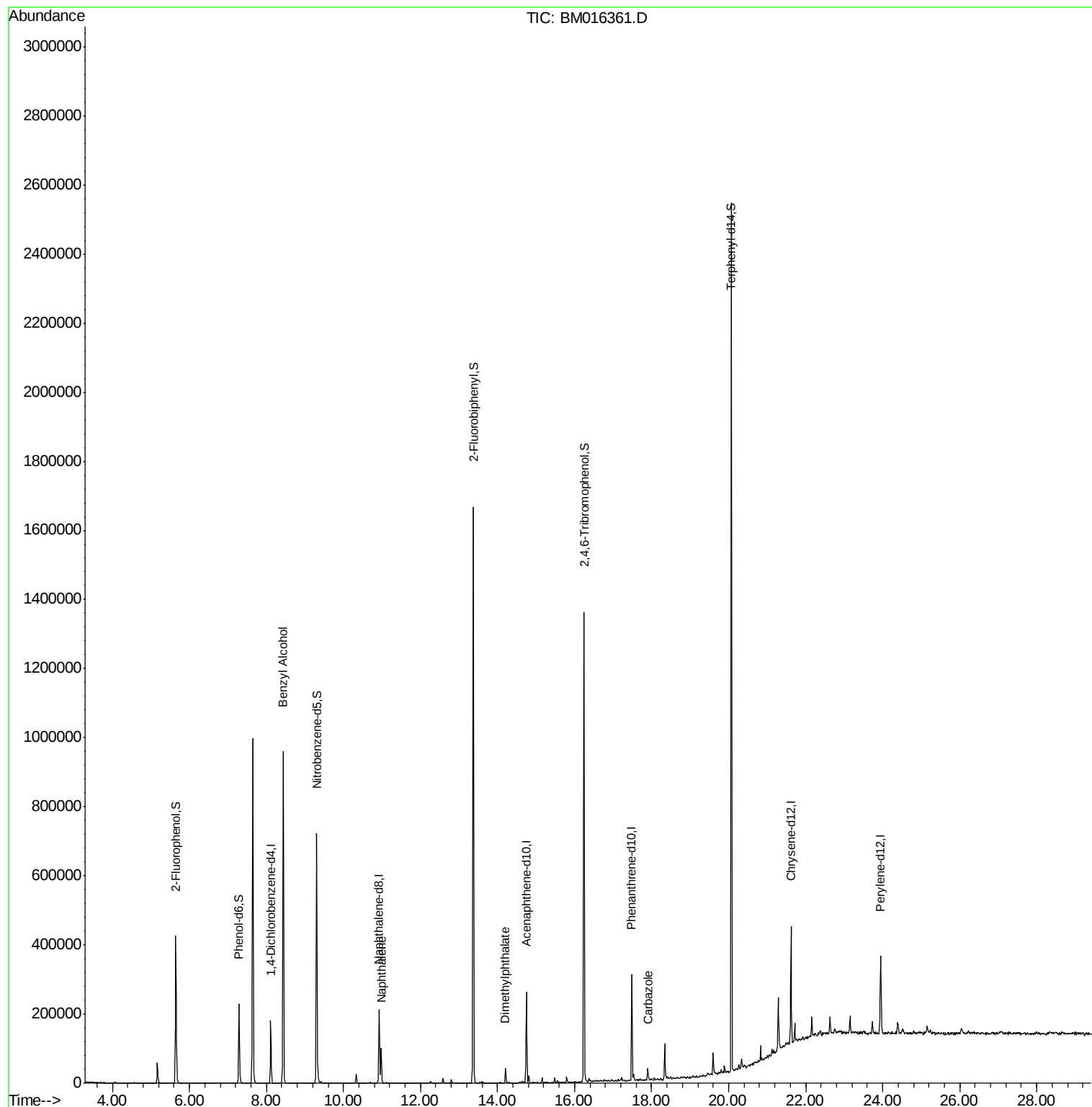
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36707	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	140484	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70828	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	140489	20.00	ng	0.00
75) Chrysene-d12	21.62	240	121905	20.00	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						
15) Benzyl Alcohol	8.44	79	7045	3.066	ng	Qvalue
31) Naphthalene	10.98	128	60125	8.456	ng	# 33
49) Dimethylphthalate	14.20	163	23233	3.748	ng	# 95
72) Carbazole	17.90	167	18981	2.397	ng	# 92

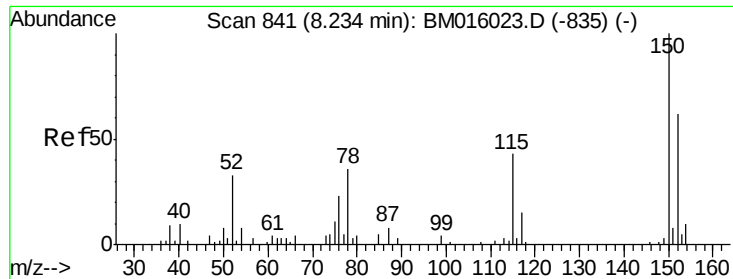
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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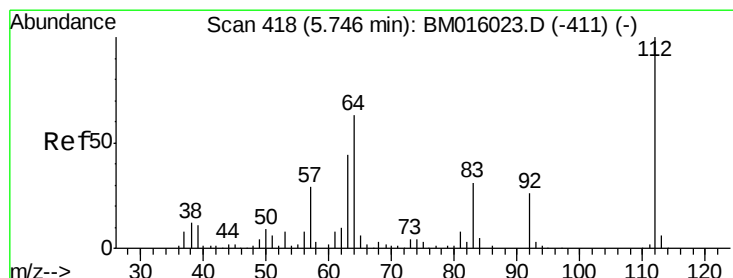
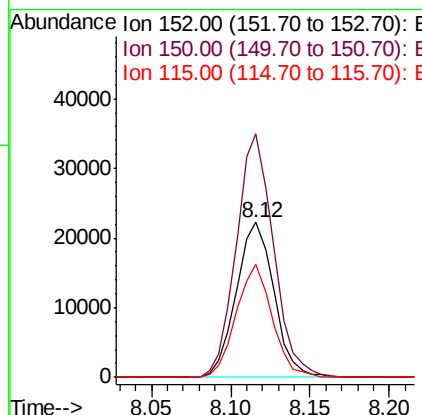
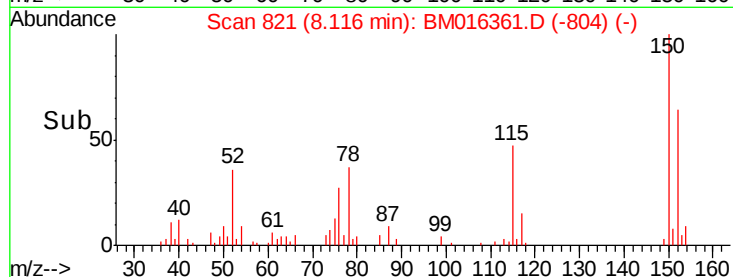
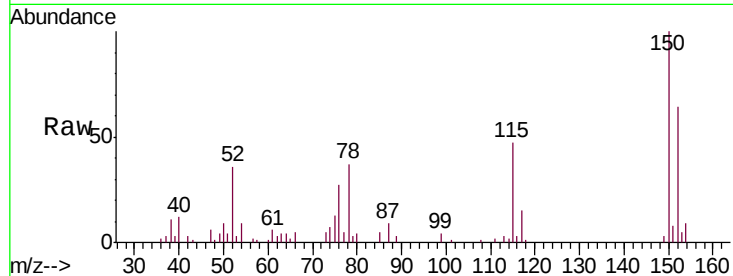




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BM016361.D
 Acq: 14 Aug 2018 19:02

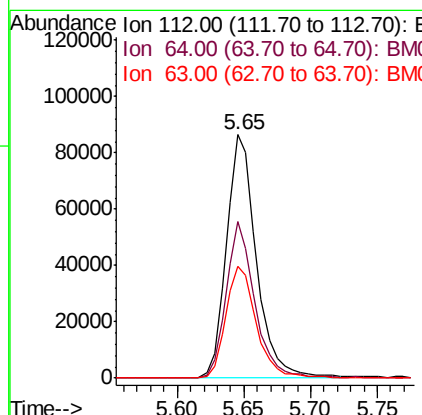
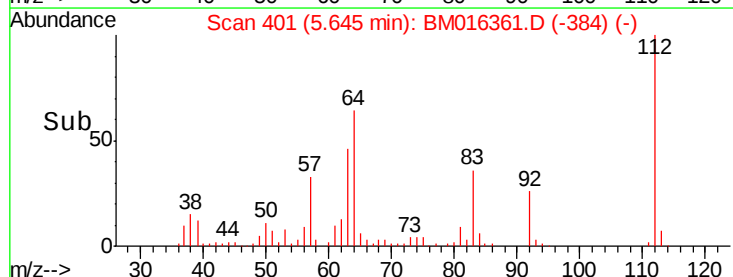
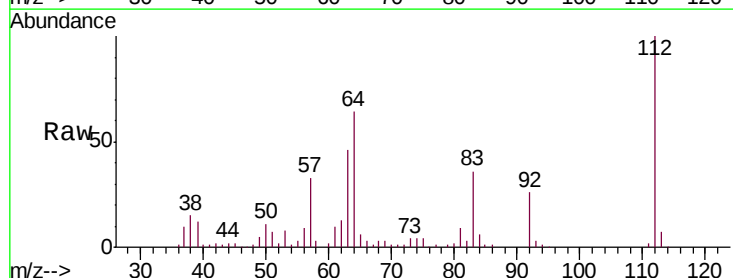
Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

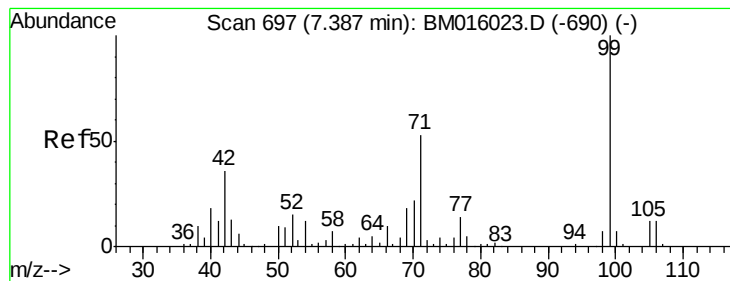
Tgt Ion:152 Resp: 36707
 Ion Ratio Lower Upper
 152 100
 150 157.2 119.5 179.3
 115 73.1 43.0 64.4#



#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#





#7

Phenol-d6

Concen: Below ng

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

ClientSampled :

GMW-11

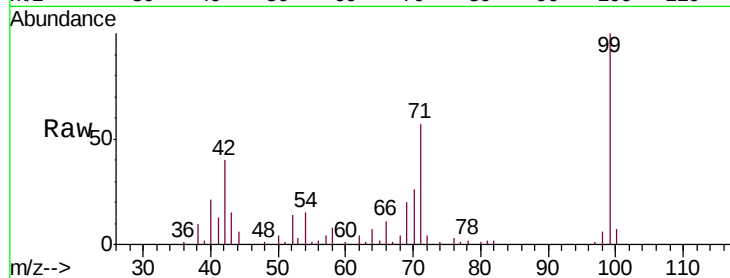
Tgt Ion: 99 Resp: 92872

Ion Ratio Lower Upper

99 100

42 40.0 11.0 16.4#

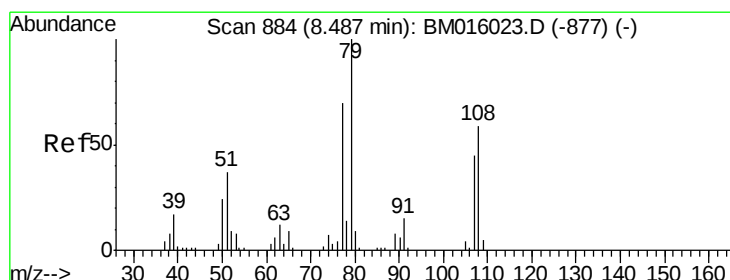
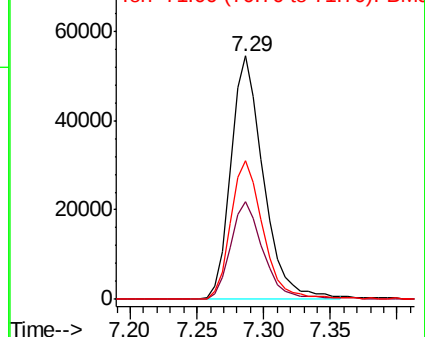
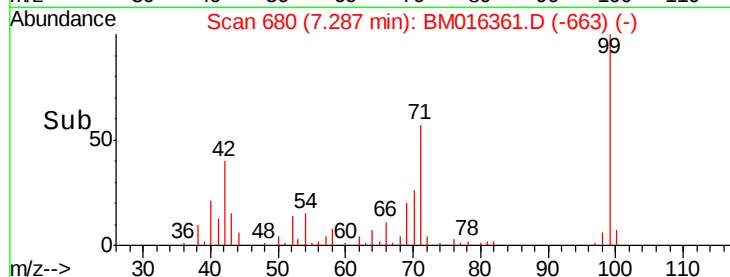
71 57.2 23.4 35.2#



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) (-)



#15

Benzyl Alcohol

Concen: 3.066 ng

RT: 8.44 min Scan# 876

Delta R.T. 0.06 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

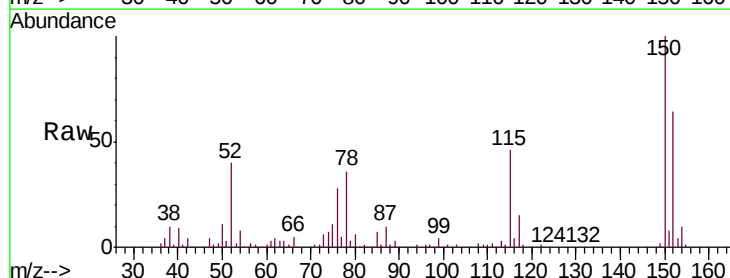
Tgt Ion: 79 Resp: 7045

Ion Ratio Lower Upper

79 100

108 82.9 65.0 97.4

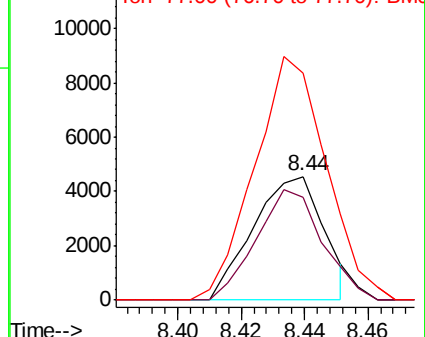
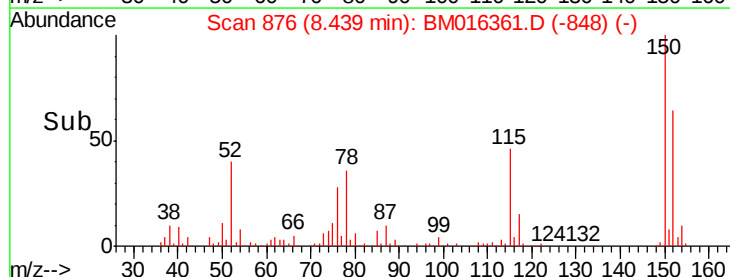
77 183.7 53.0 79.6#

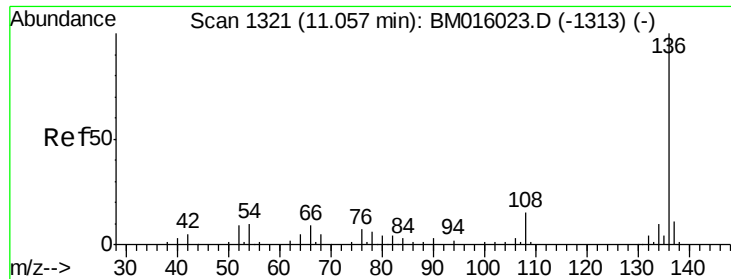


Abundance Ion 79.00 (78.70 to 79.70): BM016361.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM016361.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM016361.D (-848) (-)

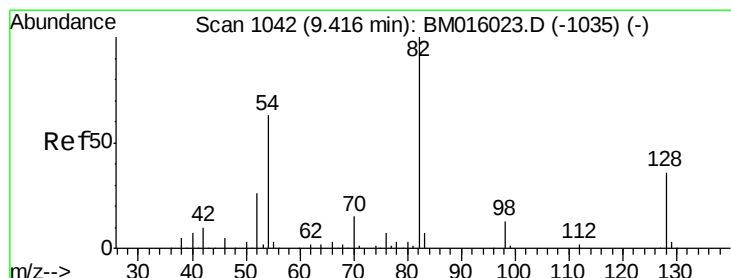
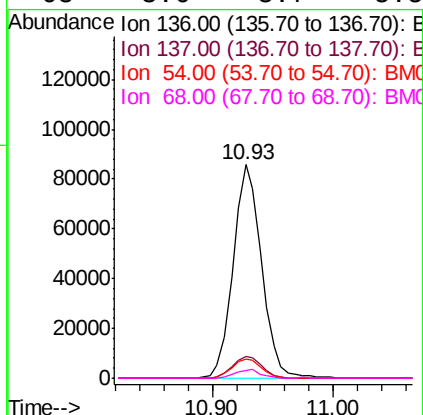
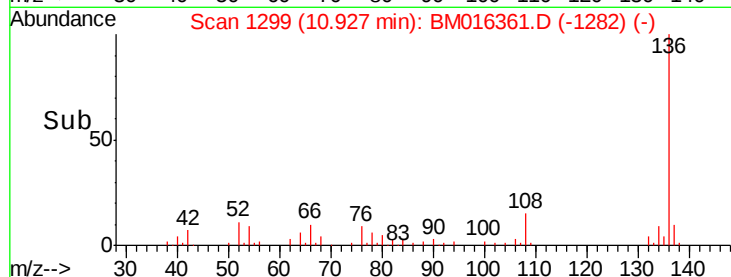
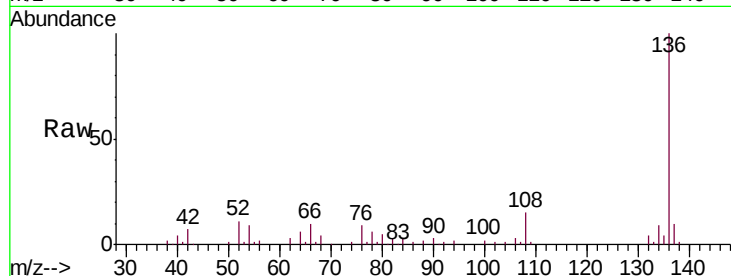




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM016361.D
Acq: 14 Aug 2018 19:02

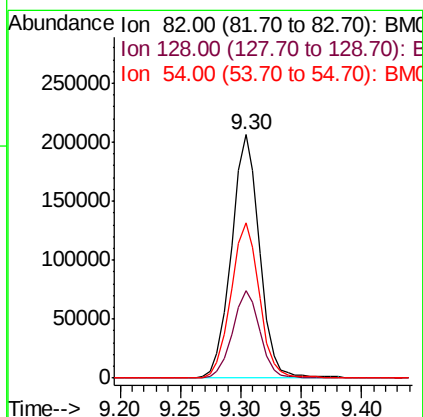
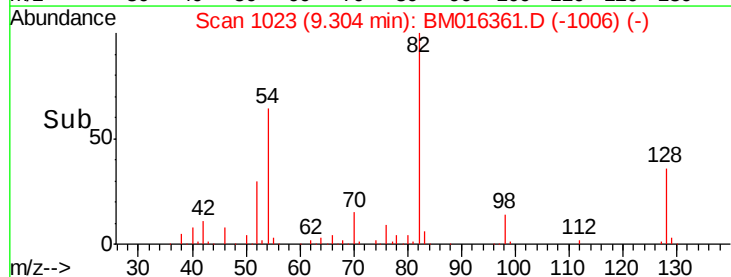
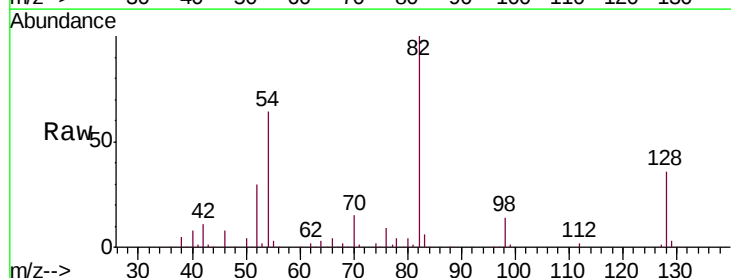
Instrument :
BNA_M
ClientSampleId :
GMW-11

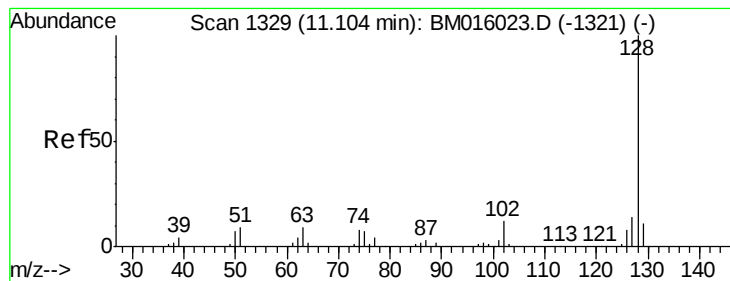
Tgt Ion:	136	Resp:	140484
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	9.0	4.6	6.8#
68	3.6	3.7	5.5#



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

Tgt Ion:	82	Resp:	335488
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

Instrument :

BNA_M

ClientSampleId :

GMW-11

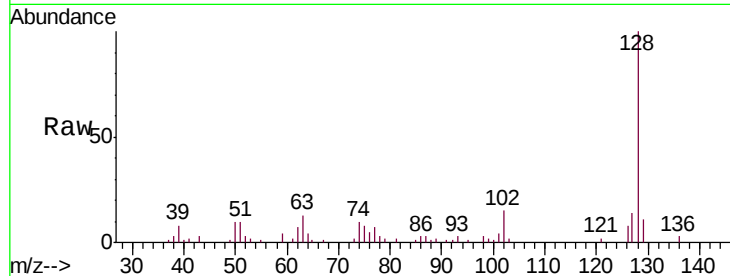
Tgt Ion:128 Resp: 60125

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

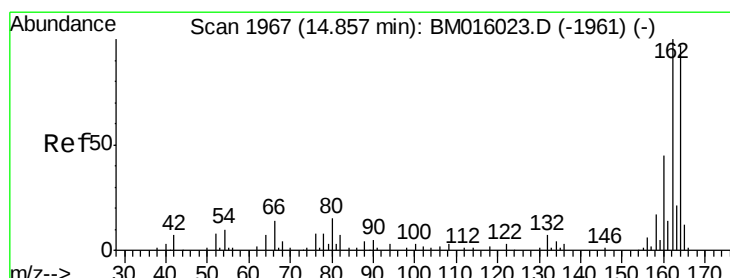
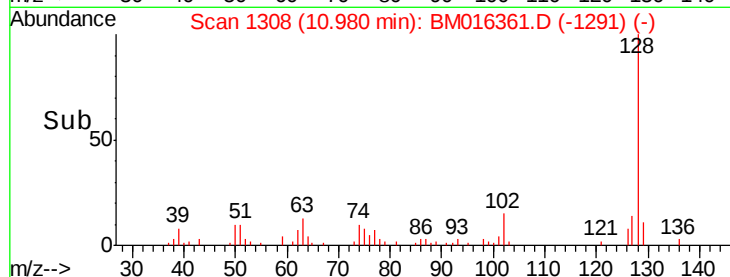
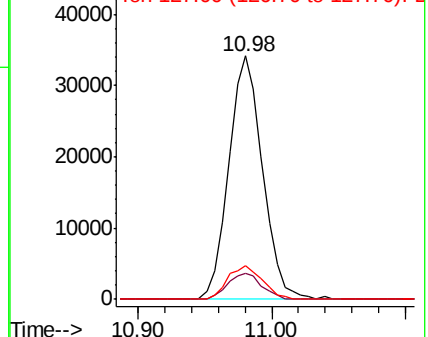
127 13.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#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

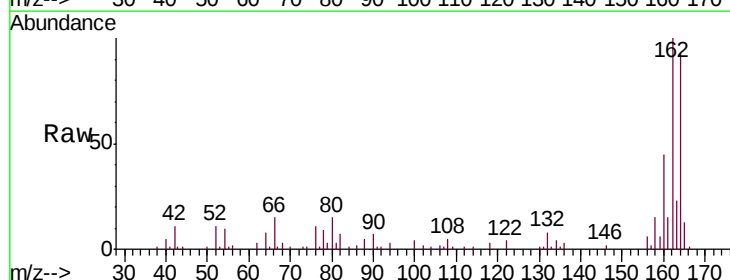
Tgt Ion:164 Resp: 70828

Ion Ratio Lower Upper

164 100

162 107.8 82.4 123.6

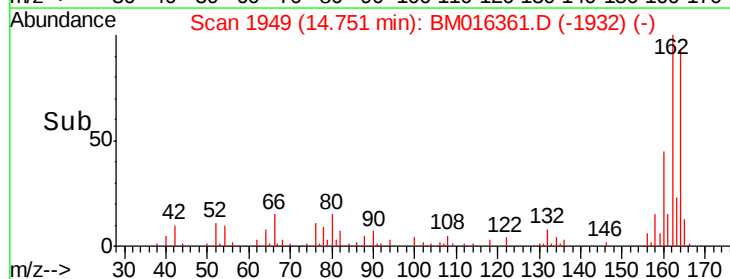
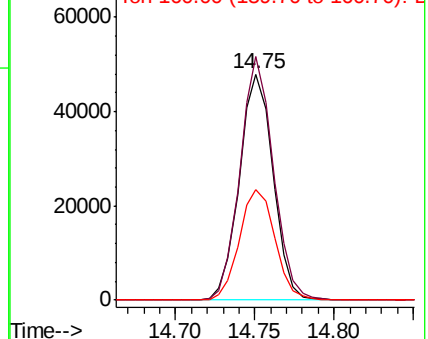
160 49.0 35.8 53.6

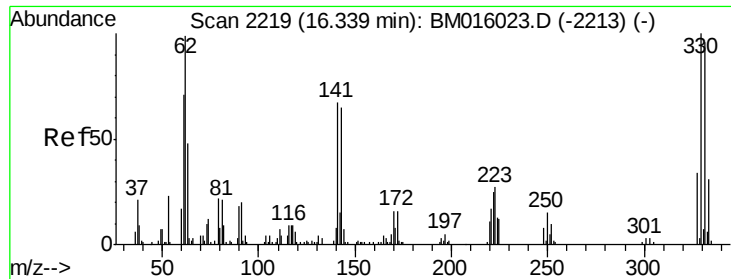


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

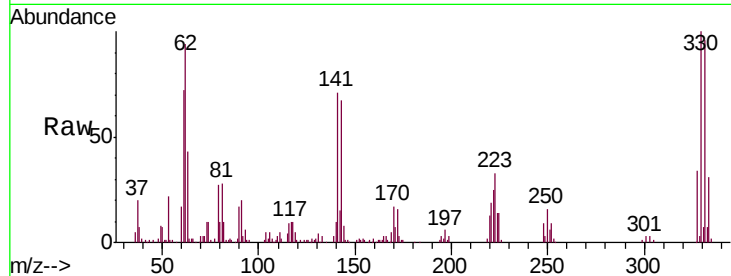




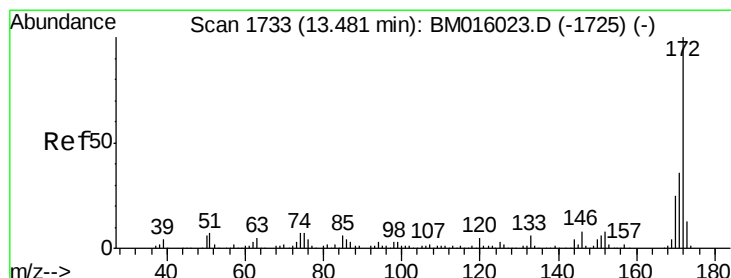
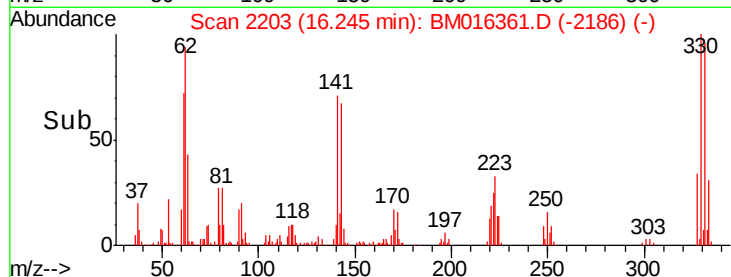
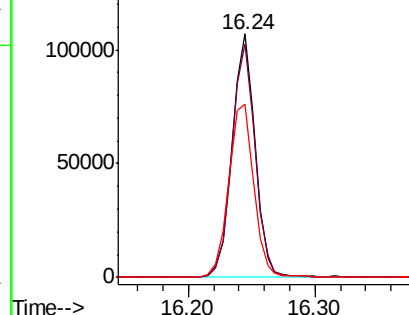
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BM016361.D
 Acq: 14 Aug 2018 19:02

Instrument :
 BNA_M
 ClientSampled :
 GMW-11

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#

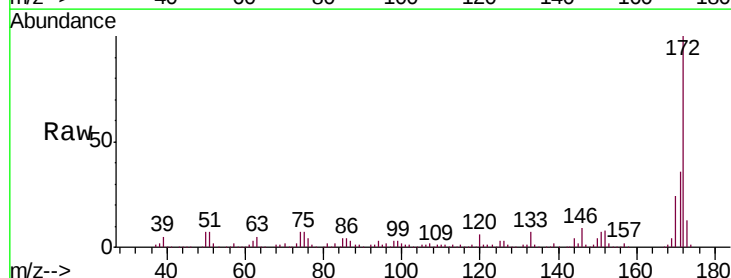


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

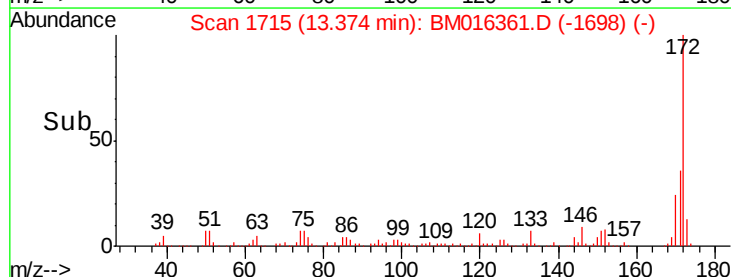
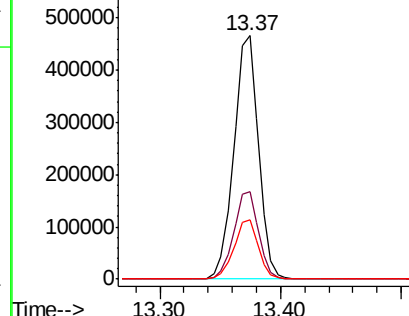


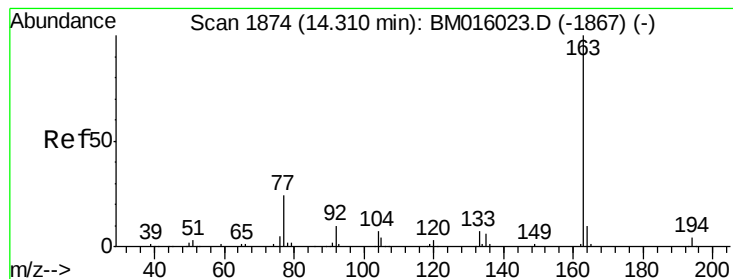
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM016361.D
 Acq: 14 Aug 2018 19:02

Tgt 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

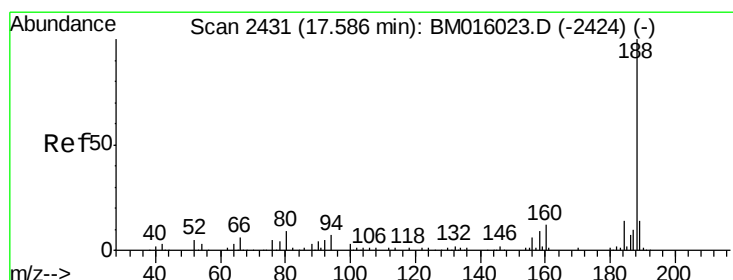
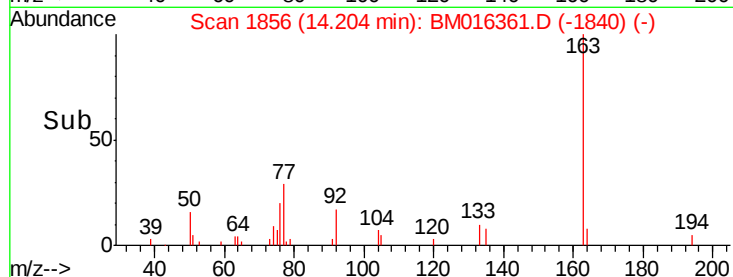
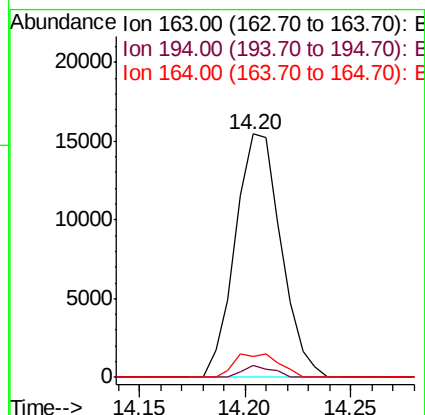
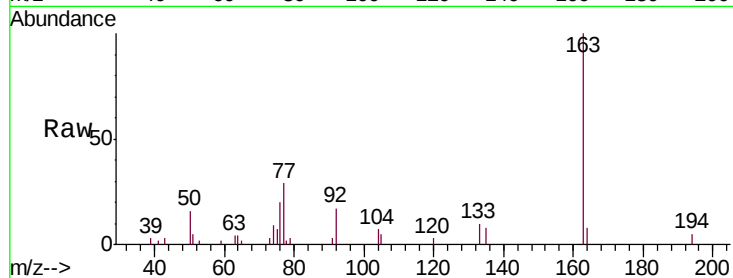
Instrument :

BNA_M

ClientSampleId :

GMW-11

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



#63

Phenanthrene-d10

Concen: 20.000 ng

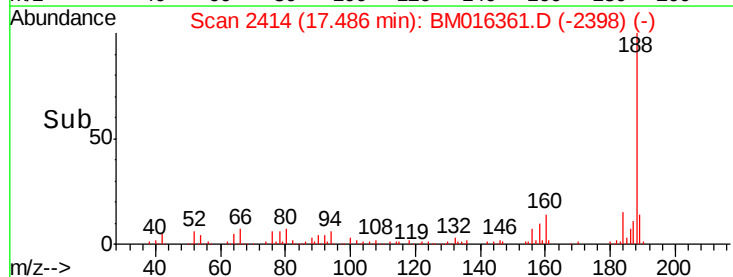
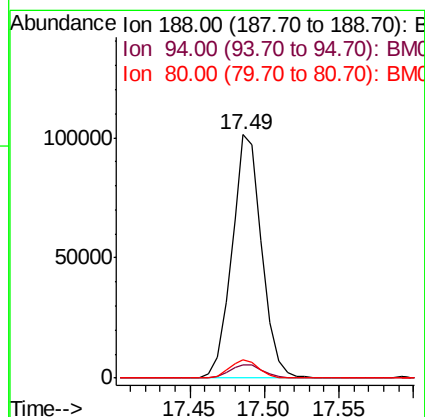
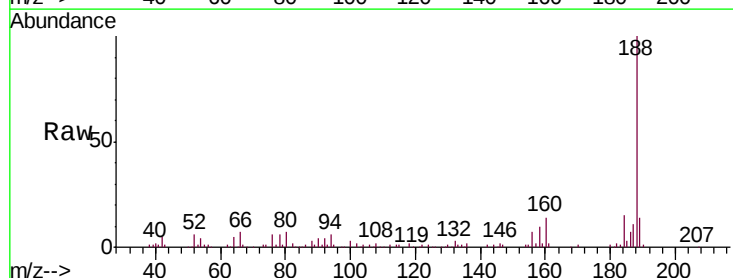
RT: 17.49 min Scan# 2414

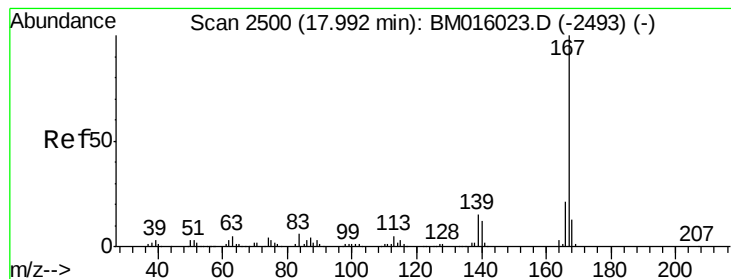
Delta R.T. -0.01 min

Lab File: BM016361.D

Acq: 14 Aug 2018 19:02

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





#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

Instrument :

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ClientSampleId :

GMW-11

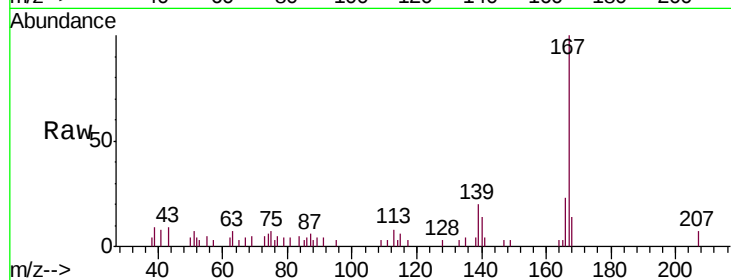
Tgt Ion:167 Resp: 18981

Ion Ratio Lower Upper

167 100

166 22.7 17.2 25.8

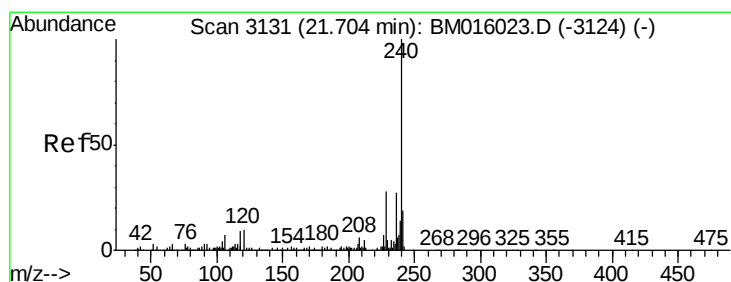
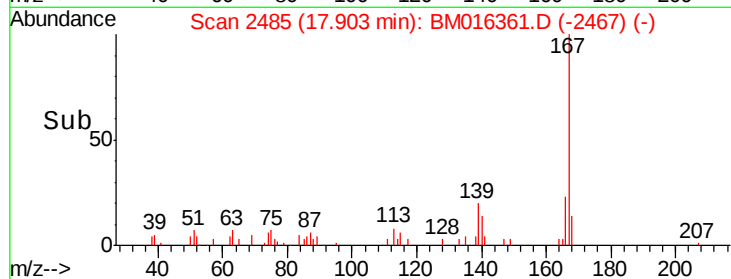
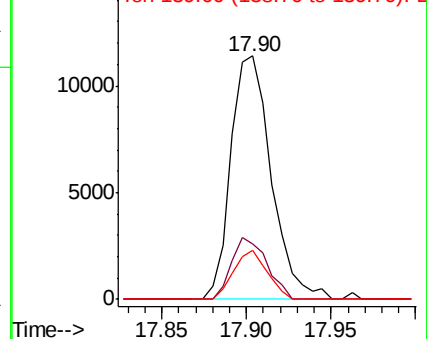
139 20.3 10.8 16.2#



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

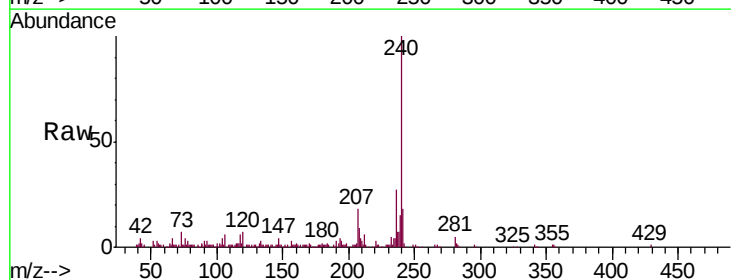
Tgt Ion:240 Resp: 121905

Ion Ratio Lower Upper

240 100

120 7.5 8.2 12.2#

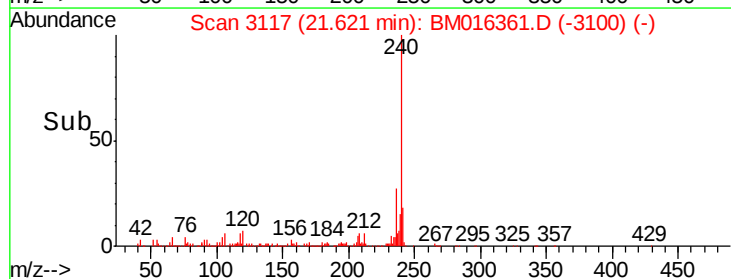
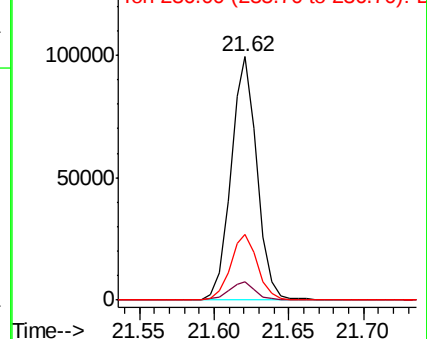
236 27.0 20.0 30.0

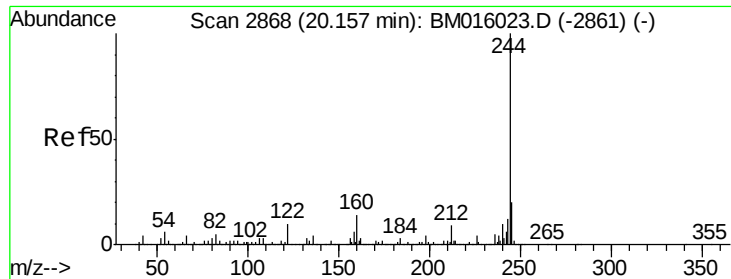


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_M

ClientSampleId :

GMW-11

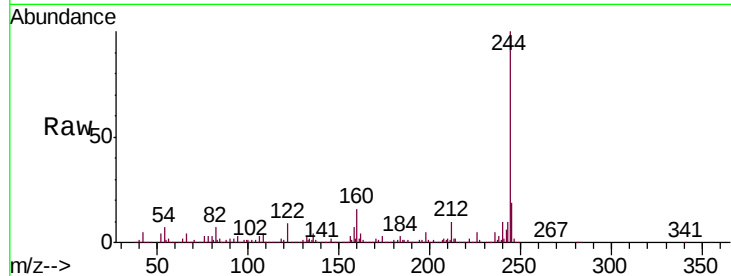
Tgt Ion:244 Resp: 786198

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

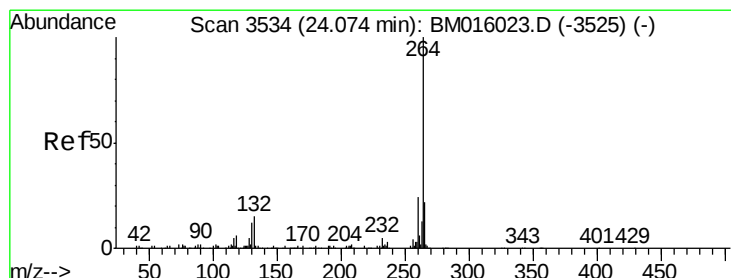
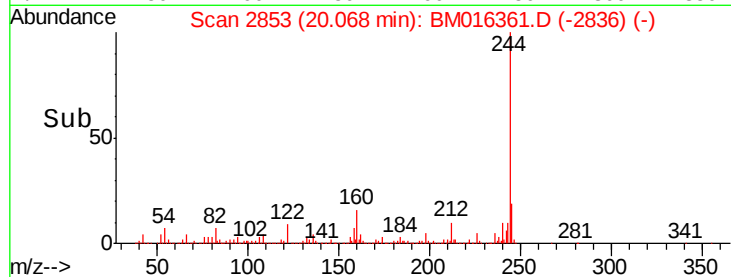
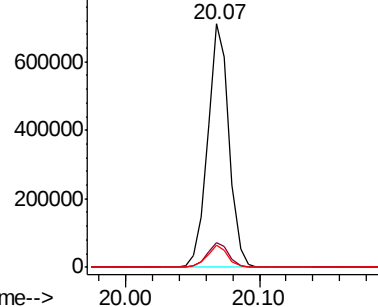
122 9.1 6.2 9.4



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

Perylene-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

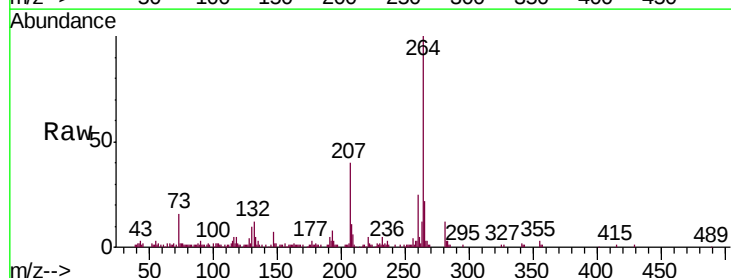
Tgt Ion:264 Resp: 133089

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

