

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
 Data File : BM016278.D
 Acq On : 09 Aug 2018 13:00
 Operator : SJ/JU
 Sample : J4356-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-11

Quant Time: Aug 10 05:23:31 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 08 16:23:37 2018
 Response via : Initial Calibration

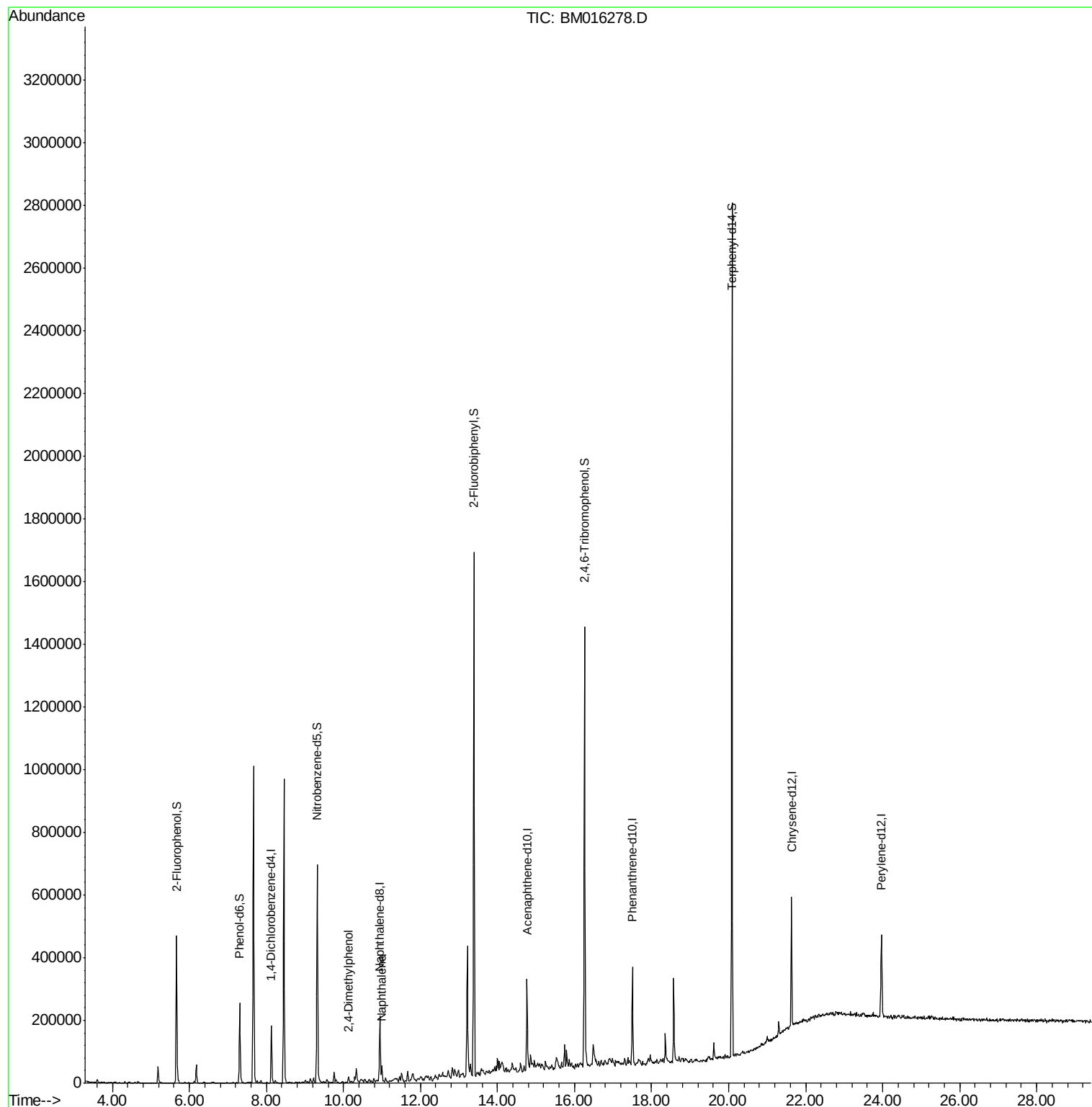
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39113	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	140416	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	72208	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	147148	20.00	ng	0.00
75) Chrysene-d12	21.63	240	149643	20.00	ng	0.00
86) Perylene-d12	23.97	264	166797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	154658	65.68	ng	0.00
7) Phenol-d6	7.30	99	106686	34.69	ng	0.00
23) Nitrobenzene-d5	9.32	82	338882	112.25	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	143904	157.13	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	654713	110.32	ng	0.00
78) Terphenyl-d14	20.09	244	883146	123.54	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.13	122	4439	2.512	ng	Qvalue # 91
31) Naphthalene	11.00	128	35012	4.927	ng	99

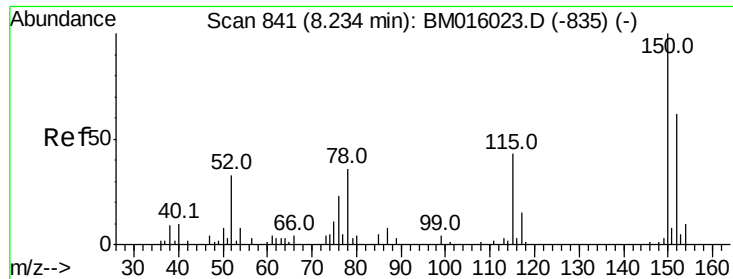
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016278.D
Acq On : 09 Aug 2018 13:00
Operator : SJ/JU
Sample : J4356-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-11

Quant Time: Aug 10 05:23:31 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 08 16:23:37 2018
Response via : Initial Calibration



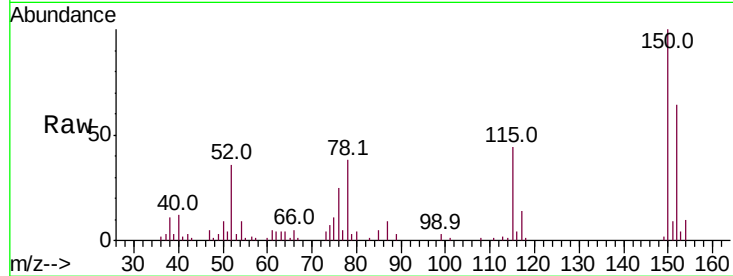


#1

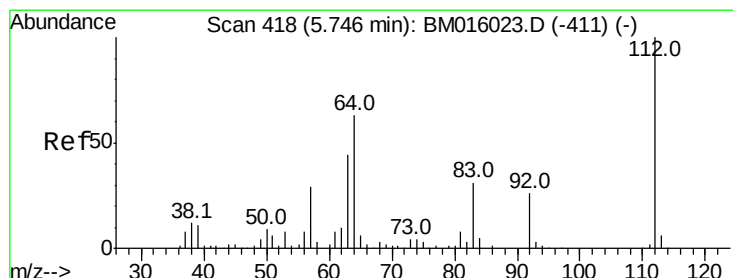
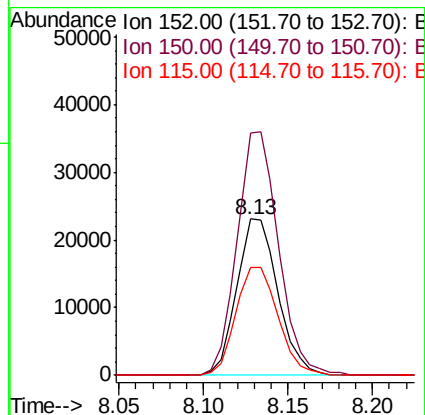
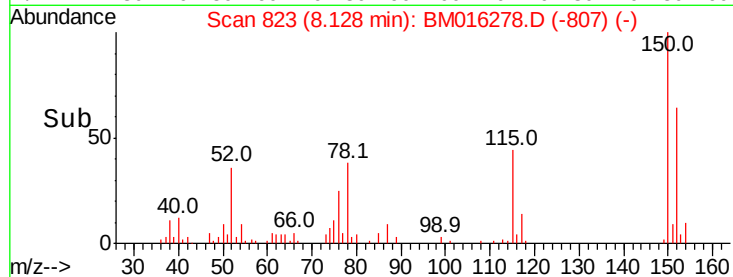
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

Instrument :
 BNA_M
 ClientSampleId :
 MW-11

Tot Ion:152 Resp: 39113
 Ion Ratio Lower Upper
 152 100
 150 155.2 119.5 179.3
 115 68.7 43.0 64.4#



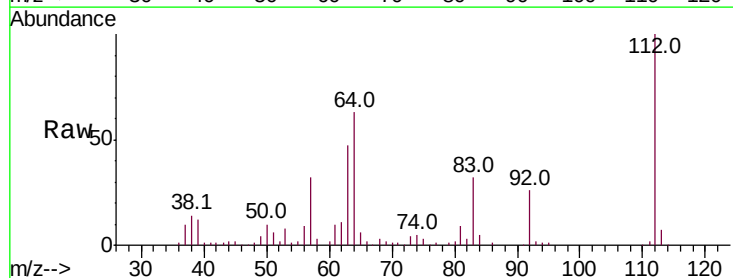
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



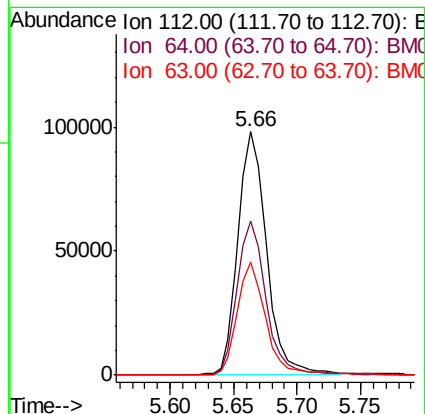
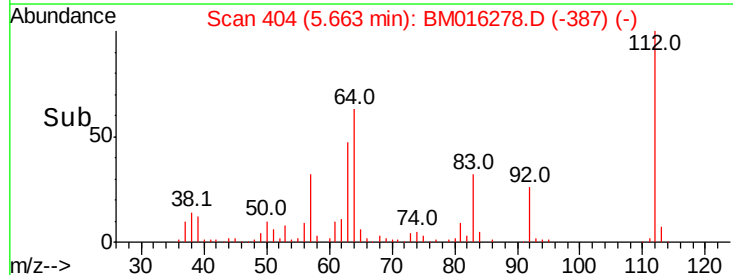
#5

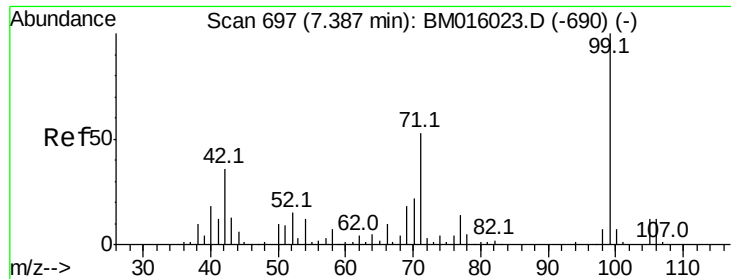
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

Tgt Ion:112 Resp: 154658
 Ion Ratio Lower Upper
 112 100
 64 63.1 38.6 57.8#
 63 46.6 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: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampleId :

MW-11

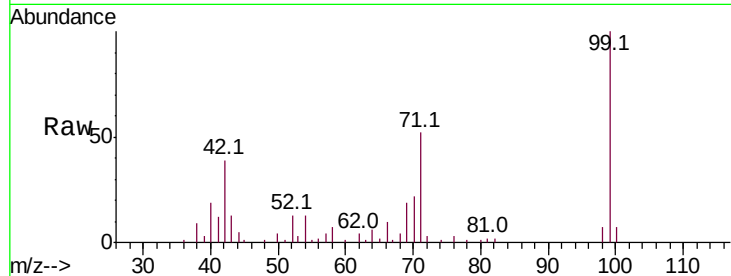
Tot Ion: 99 Resp: 106686

Ion Ratio Lower Upper

99 100

42 38.5 11.0 16.4#

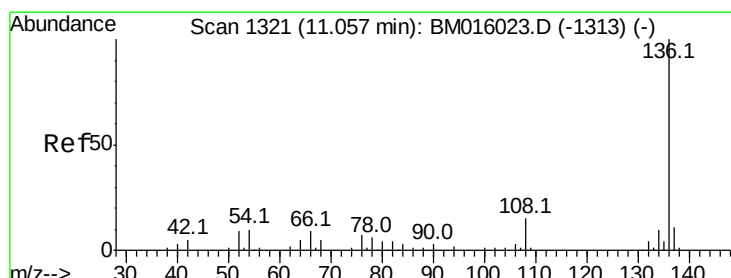
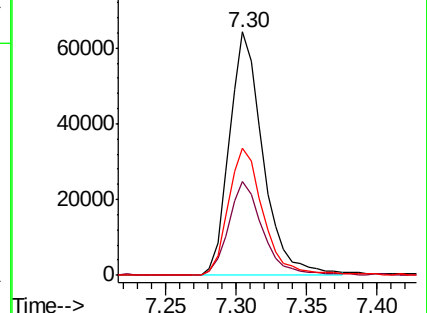
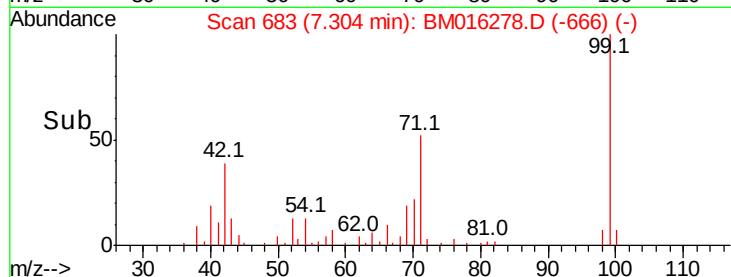
71 52.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016278.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016278.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016278.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

Tgt Ion: 136 Resp: 140416

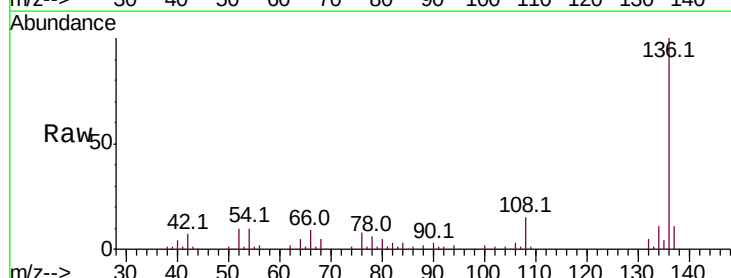
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.3 4.6 6.8#

68 4.6 3.7 5.5

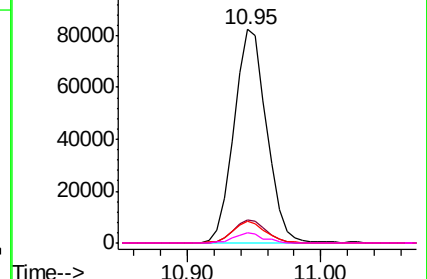
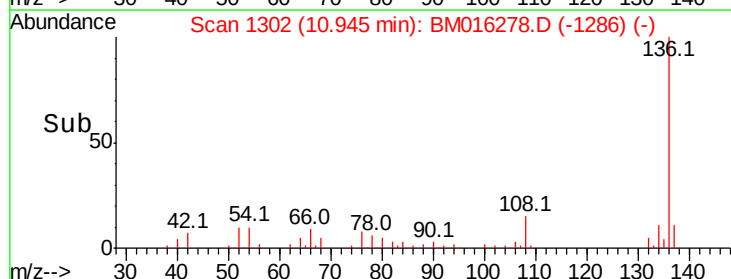


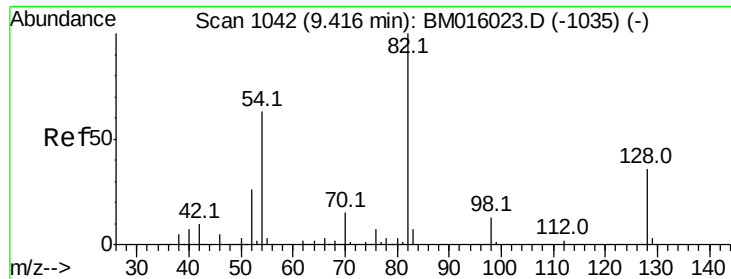
Abundance Ion 136.00 (135.70 to 136.70): BM016278.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016278.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016278.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016278.D (-1286) (-)

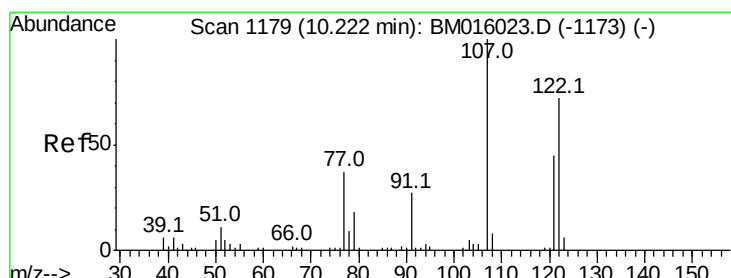
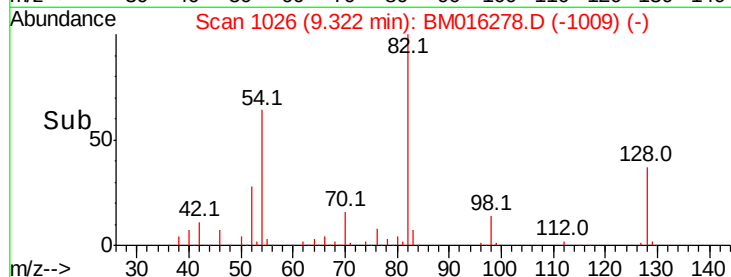
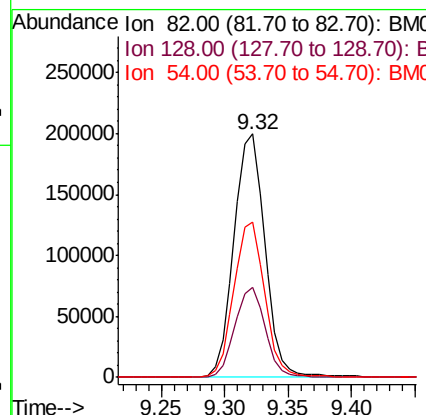
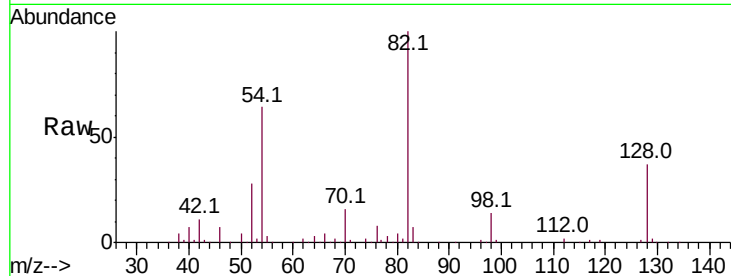




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

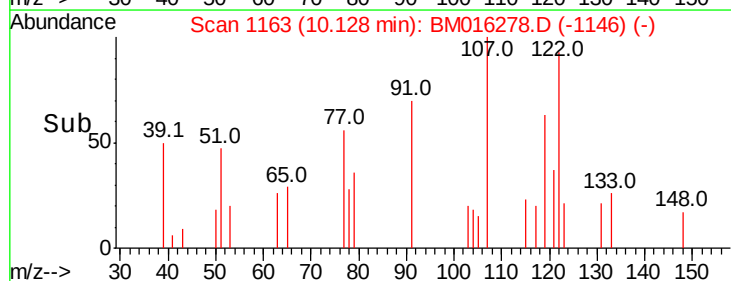
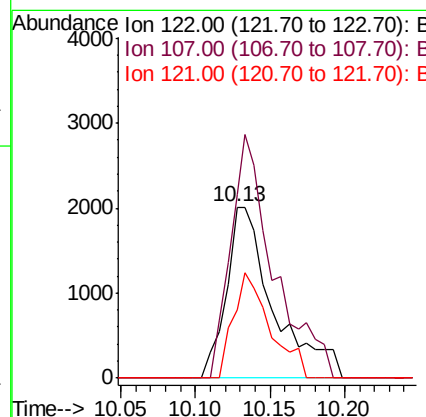
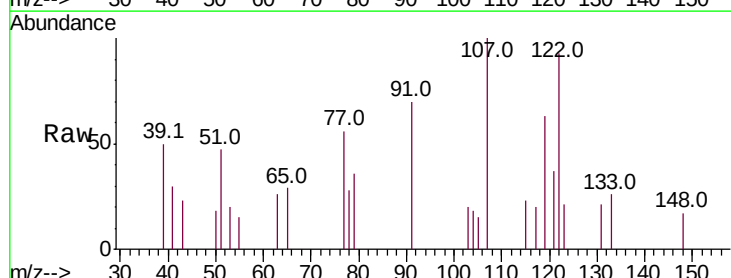
Instrument :
 BNA_M
 ClientSampleId :
 MW-11

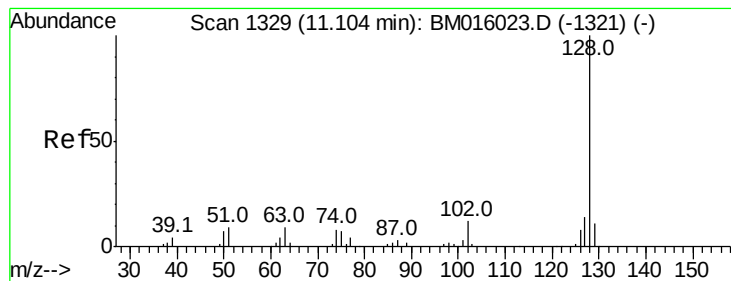
Tot Ion: 82 Resp: 338882
 Ion Ratio Lower Upper
 82 100
 128 37.0 32.8 49.2
 54 63.8 40.6 60.8#



#27
 2,4-Dimethylphenol
 Concen: 2.512 ng
 RT: 10.13 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

Tgt Ion:122 Resp: 4439
 Ion Ratio Lower Upper
 122 100
 107 107.0 84.7 127.1
 121 40.1 46.6 69.8#





#31

Naphthalene

Concen: 4.927 ng

RT: 11.00 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampled :

MW-11

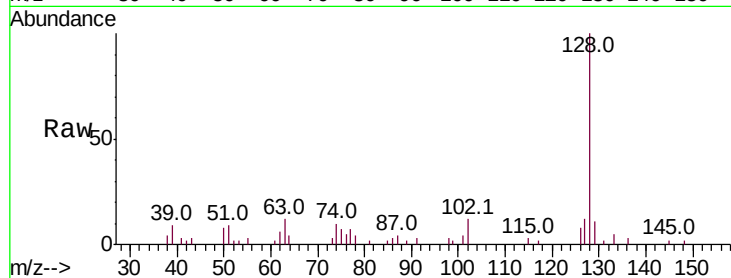
Tot Ion:128 Resp: 35012

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

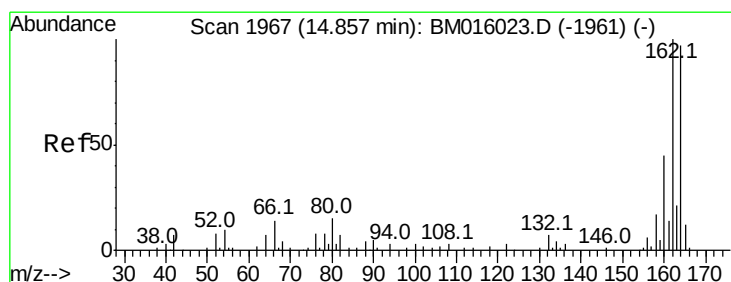
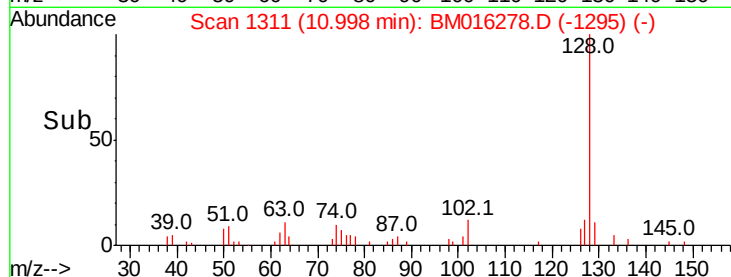
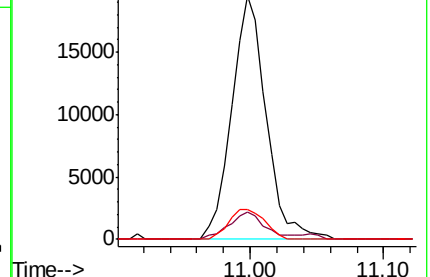
127 12.2 10.4 15.6



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: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

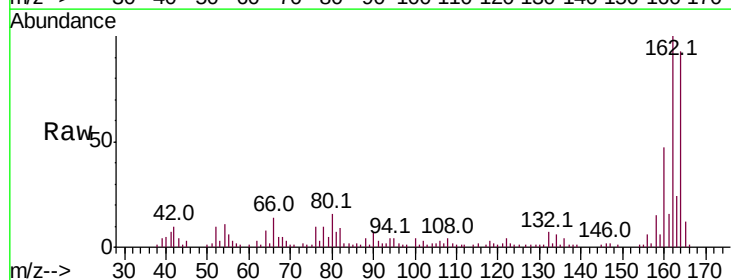
Tgt Ion:164 Resp: 72208

Ion Ratio Lower Upper

164 100

162 108.1 82.4 123.6

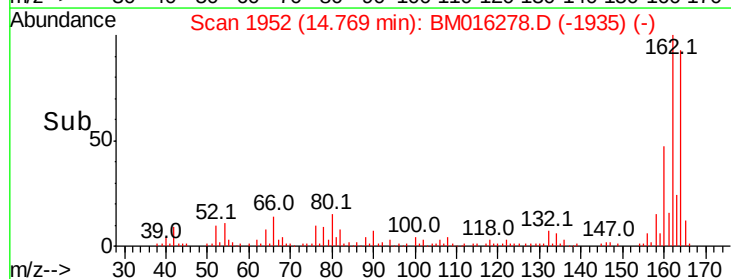
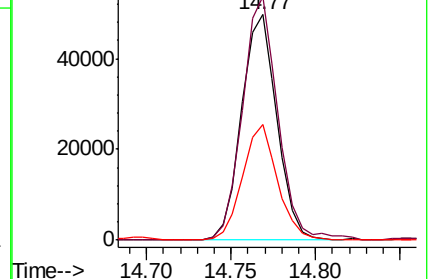
160 51.1 35.8 53.6

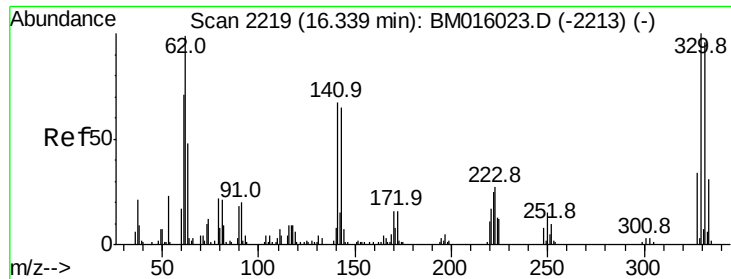


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

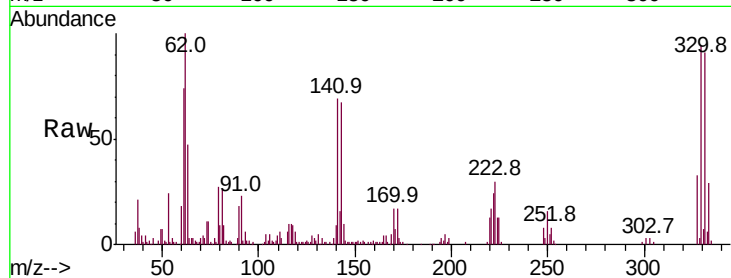




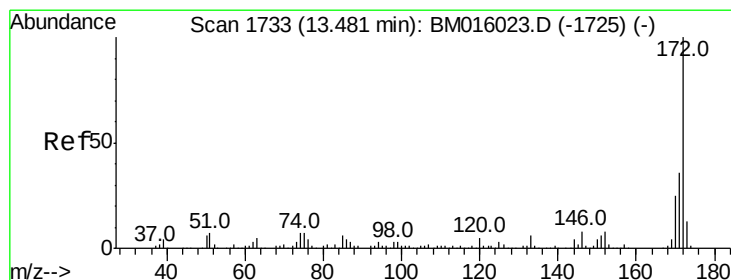
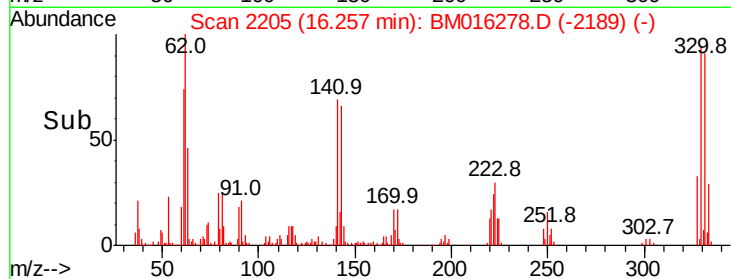
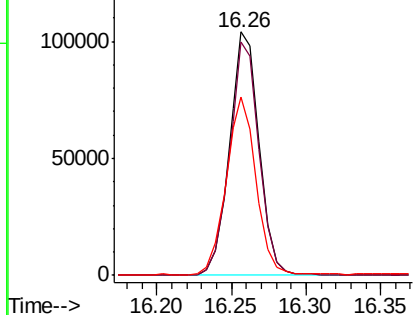
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

Instrument :
 BNA_M
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	75.4	0.0	0.0#

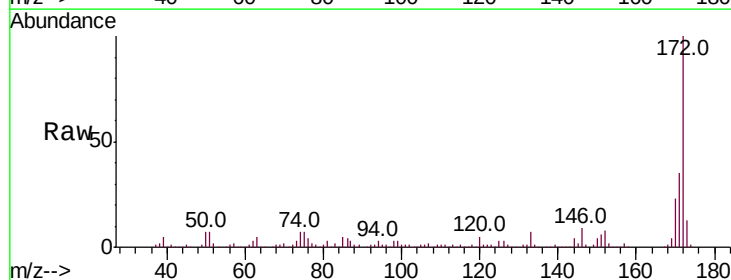


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

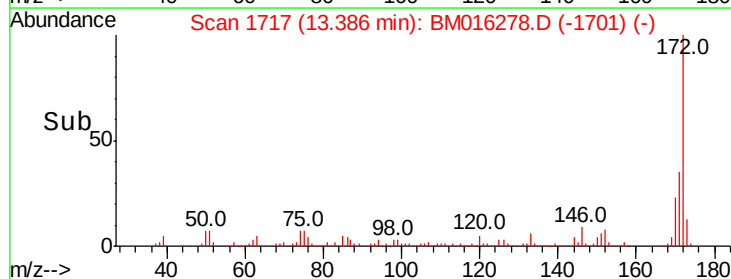
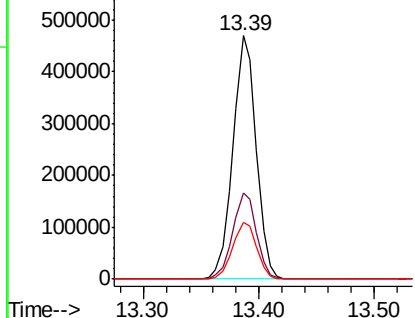


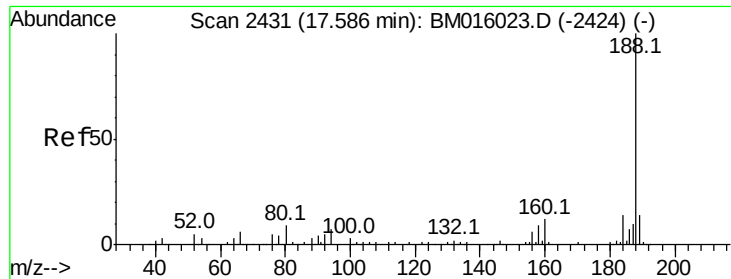
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016278.D
 Acq: 09 Aug 2018 13:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.4	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampled :

MW-11

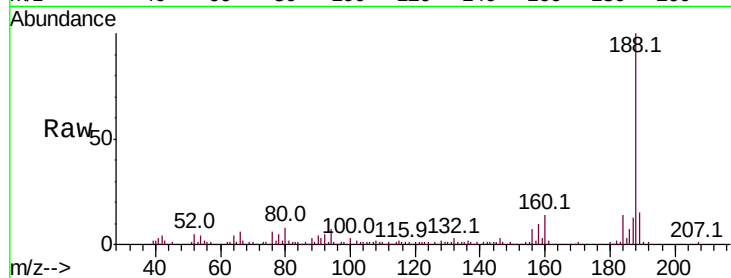
Tot Ion:188 Resp: 147148

Ion Ratio Lower Upper

188 100

94 6.6 8.7 13.1#

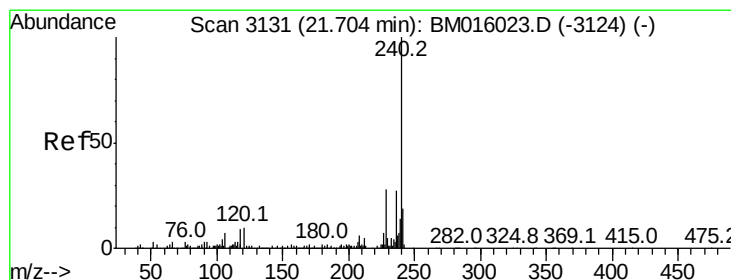
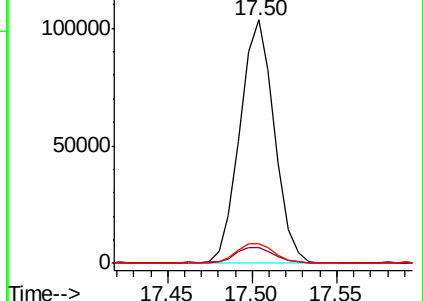
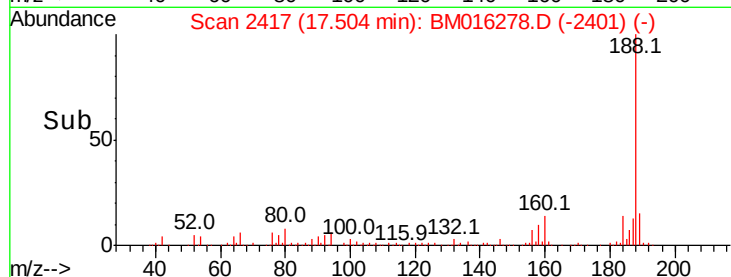
80 7.9 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

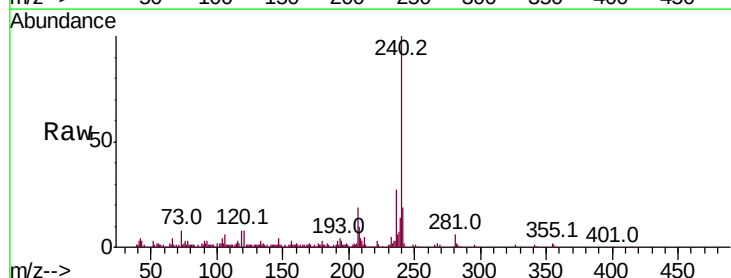
Tgt Ion:240 Resp: 149643

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

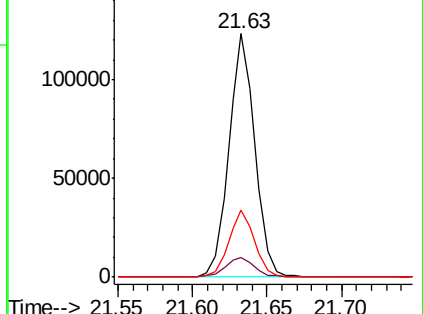
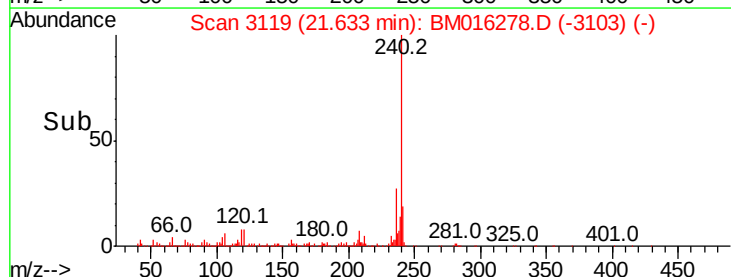
236 27.3 20.0 30.0

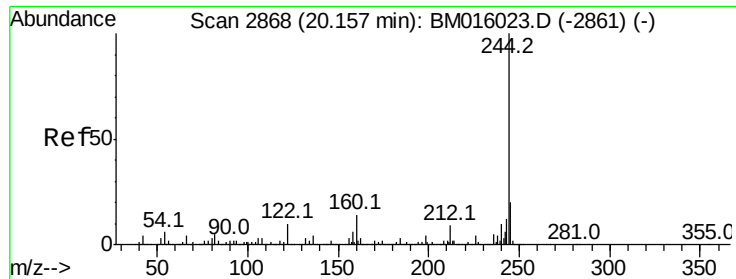


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below na

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

Instrument :

BNA_M

ClientSampleId :

MW-11

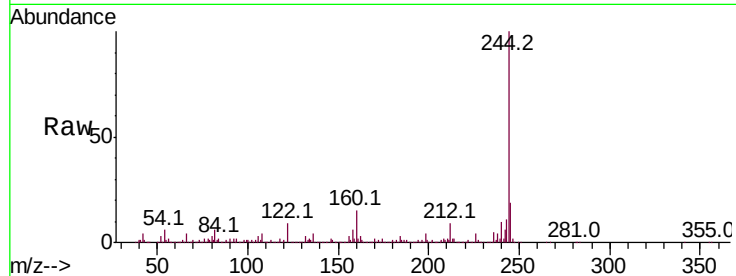
Tot Ion:244 Resp: 883146

Ion Ratio Lower Upper

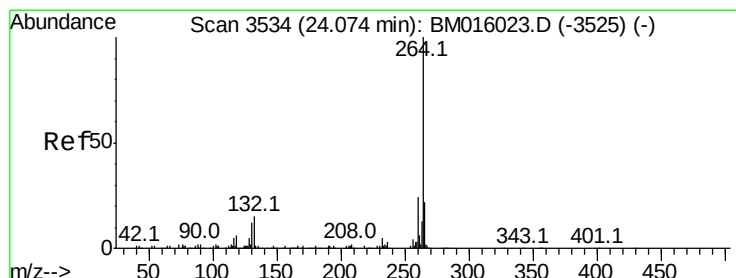
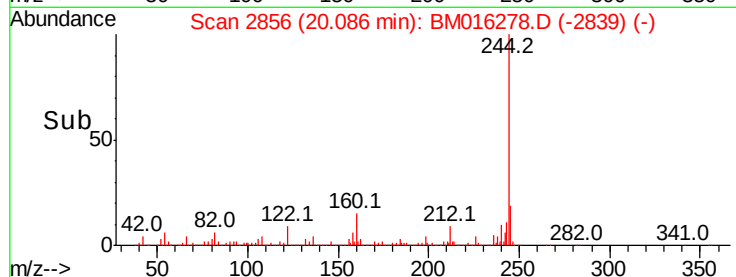
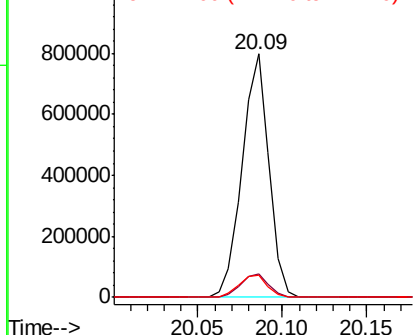
244 100

212 9.4 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: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016278.D

Acq: 09 Aug 2018 13:00

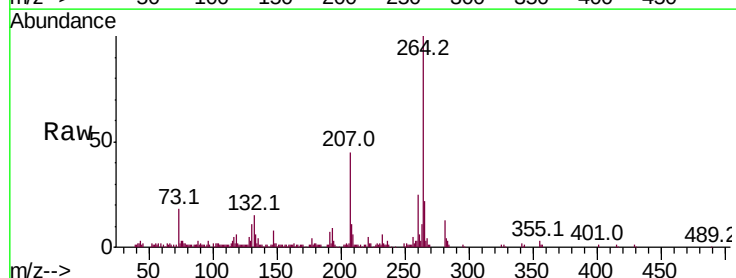
Tgt Ion:264 Resp: 166797

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 22.5 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

