

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015886.D
 Acq On : 11 Jul 2018 13:24
 Operator : SJ/JU
 Sample : J3925-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Jul 11 14:05:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

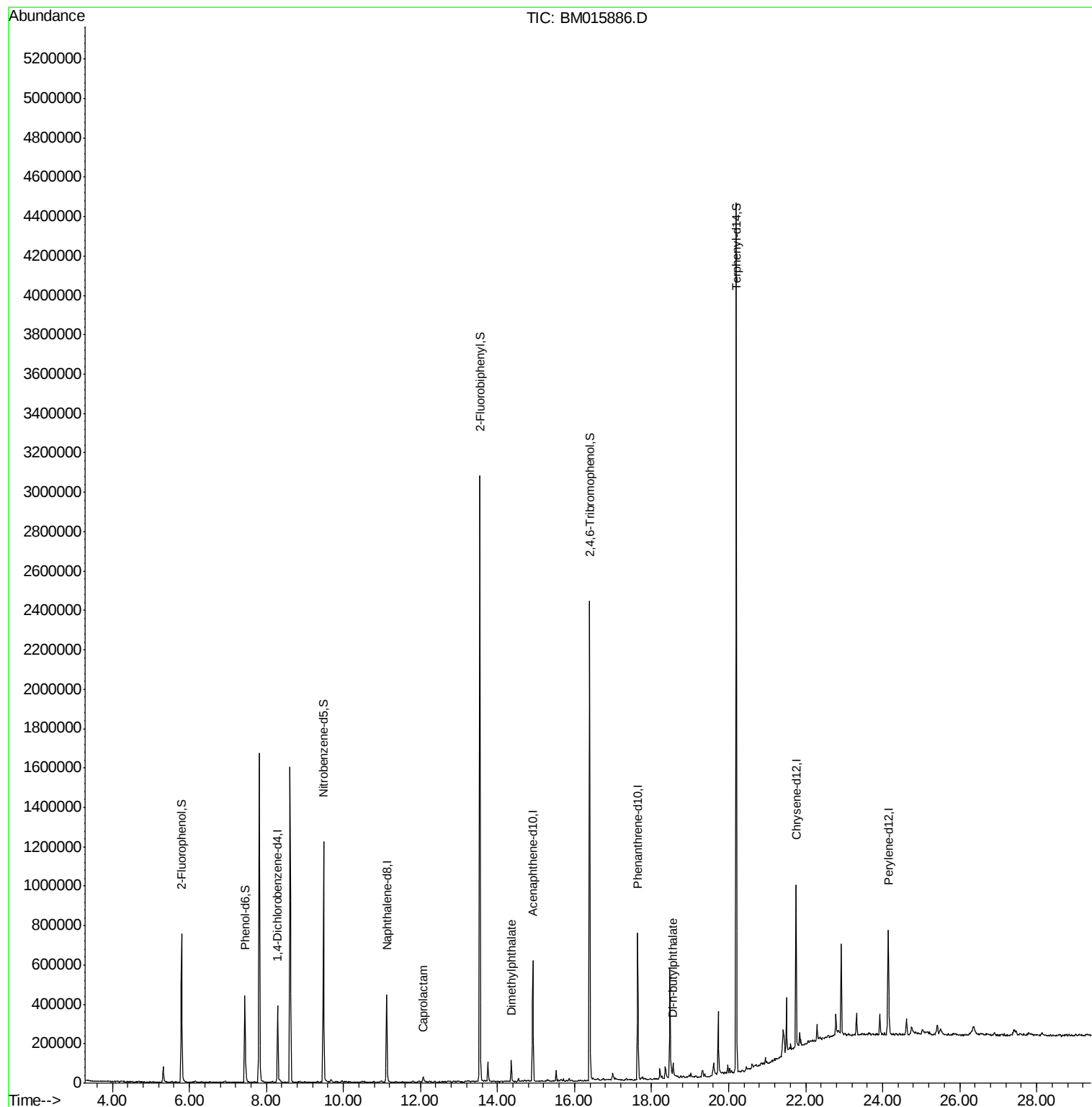
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	86626	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	332849	20.00	ng	-0.02
38) Acenaphthene-d10	14.91	164	182343	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	369589	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	351977	20.00	ng	-0.02
86) Perylene-d12	24.14	264	360449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	281636	55.76	ng	-0.02
7) Phenol-d6	7.44	99	208481	30.15	ng	-0.02
23) Nitrobenzene-d5	9.48	82	629491	92.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	311812	130.87	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1290424	87.86	ng	-0.02
78) Terphenyl-d14	20.20	244	1661530	87.56	ng	-0.02
Target Compounds						
35) Caprolactam	12.07	113	4905	3.074	ng	Qvalue 92
49) Dimethylphthalate	14.36	163	61669	3.835	ng	99
73) Di-n-butylphthalate	18.56	149	53638	2.057	ng	# 98

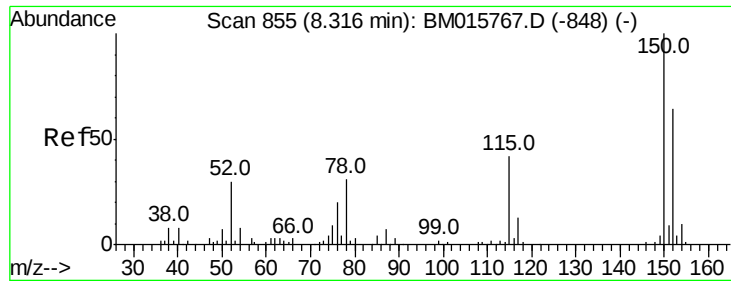
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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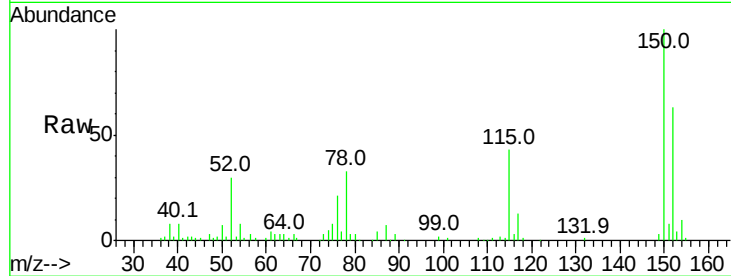


#1

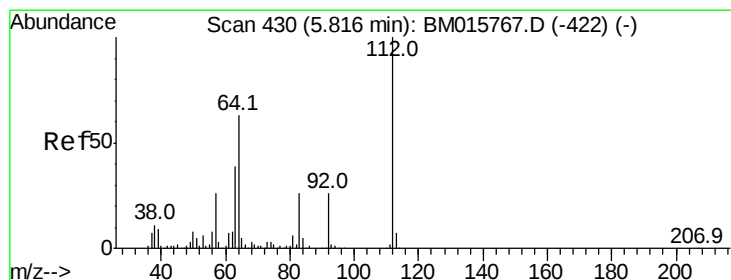
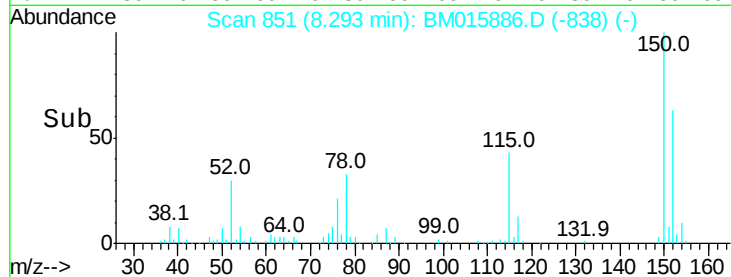
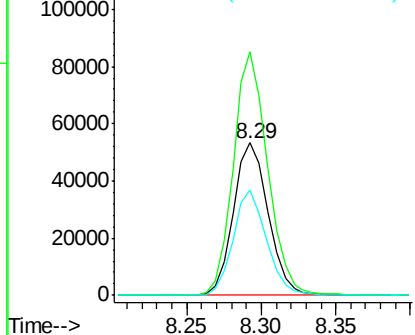
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

Instrument :
BNA_M
ClientSampled :
MW-1

Tot Ion:152 Resp: 86626
Ion Ratio Lower Upper
152 100
150 159.5 119.5 179.3
115 68.9 43.0 64.4#



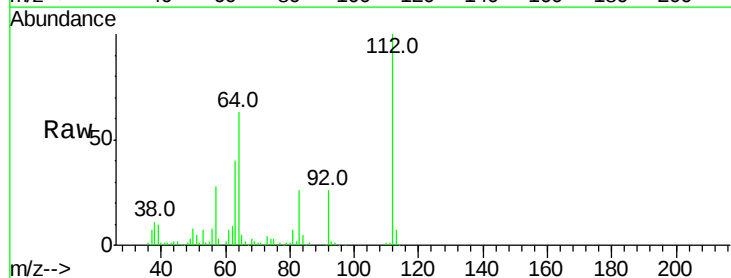
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



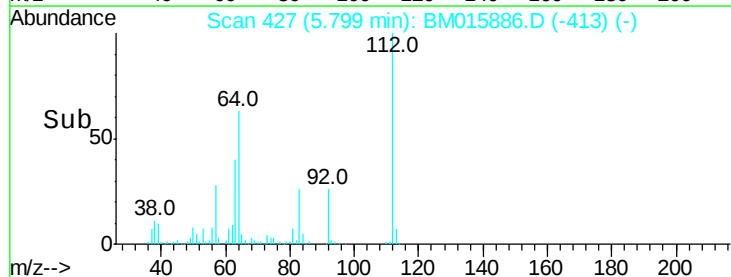
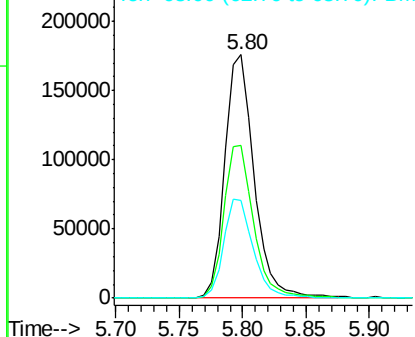
#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

Tgt Ion:112 Resp: 281636
Ion Ratio Lower Upper
112 100
64 62.7 38.6 57.8#
63 40.1 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: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015886.D

Acq: 11 Jul 2018 13:24

Instrument :

BNA_M

ClientSampleId :

MW-1

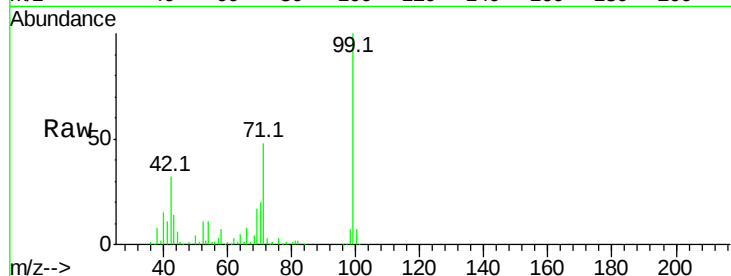
Tot Ion: 99 Resp: 208481

Ion Ratio Lower Upper

99 100

42 31.6 11.0 16.4#

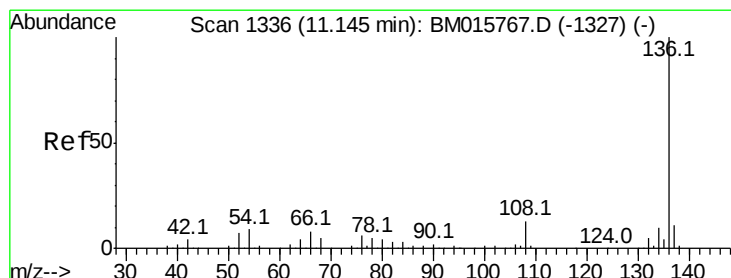
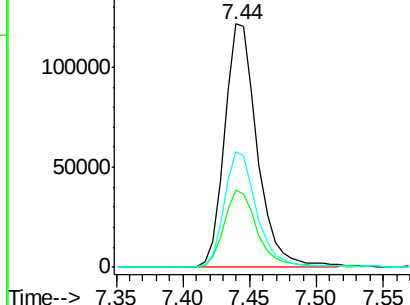
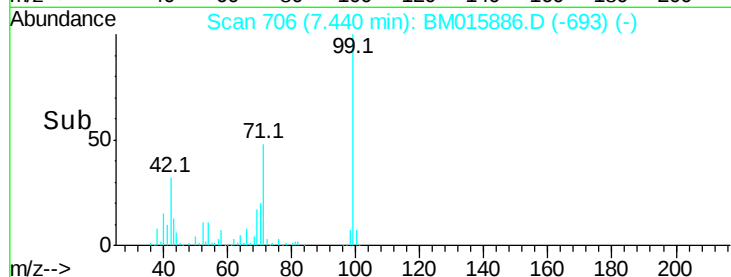
71 47.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015886.D

Acq: 11 Jul 2018 13:24

Tgt Ion: 136 Resp: 332849

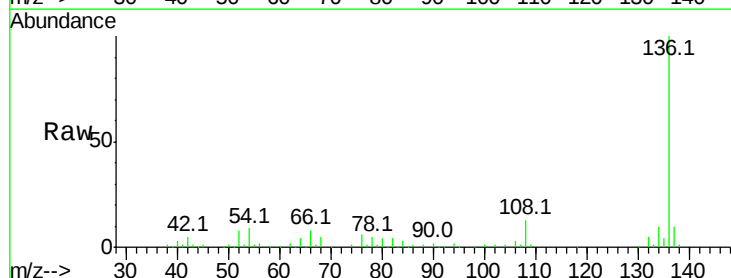
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.1 4.6 6.8#

68 4.6 3.7 5.5

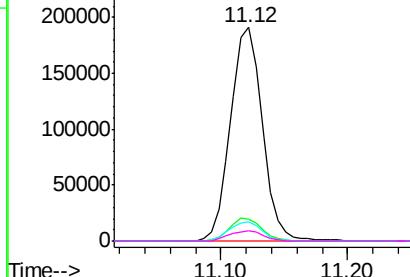
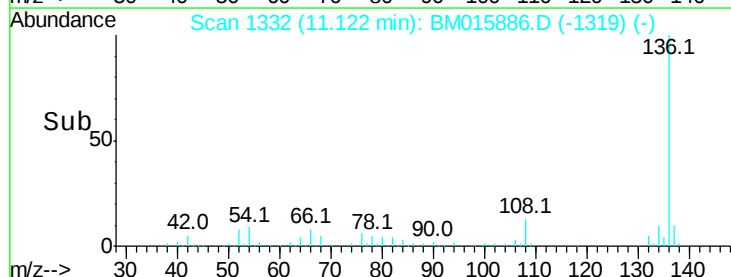


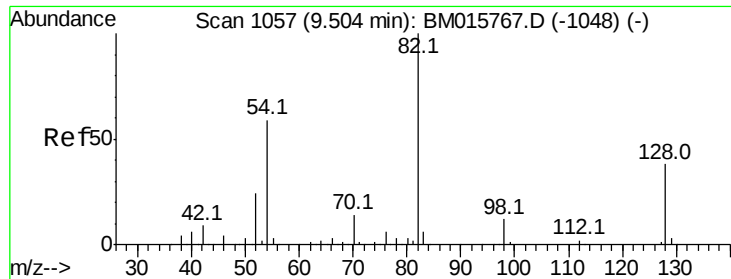
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

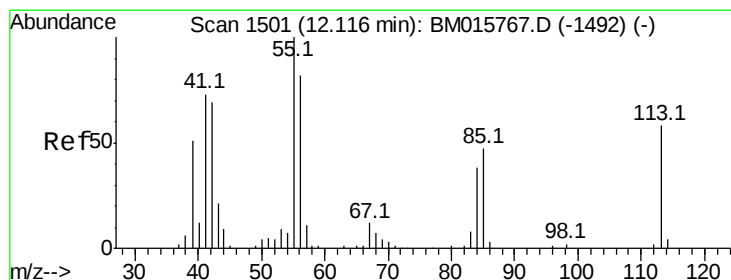
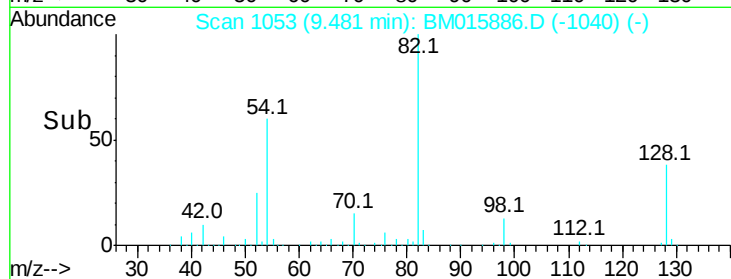
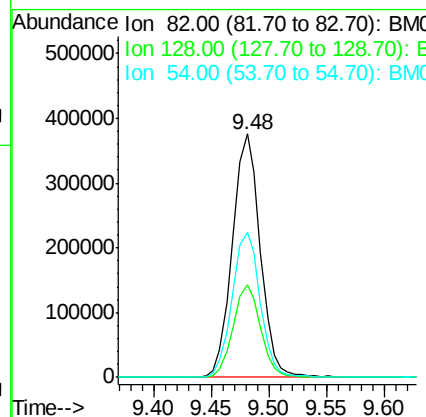
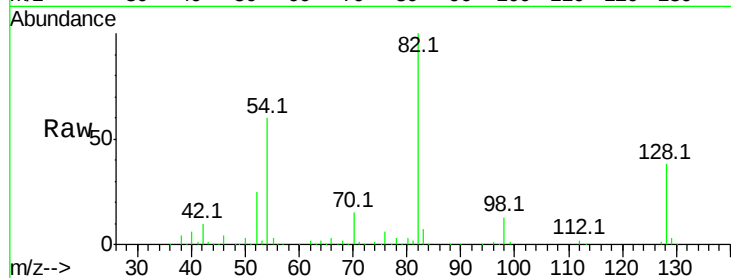




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.48 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BM015886.D
 Acq: 11 Jul 2018 13:24

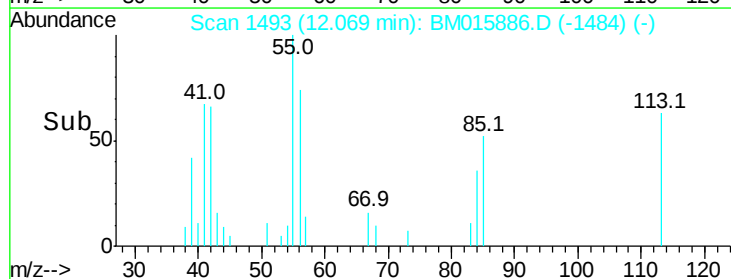
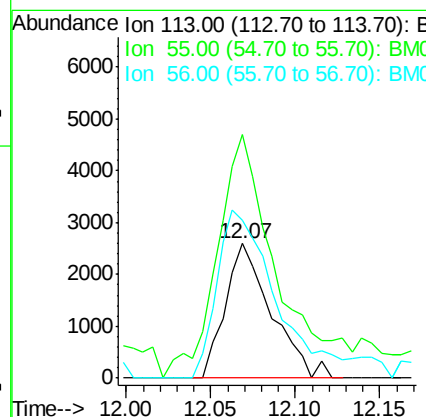
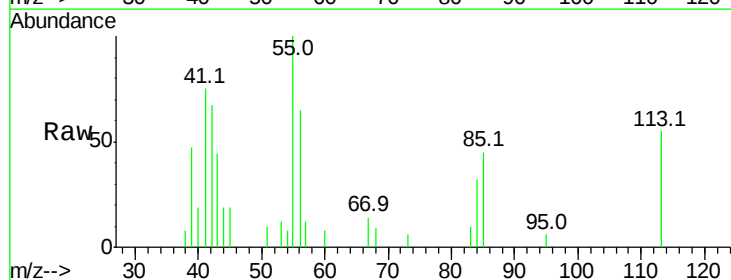
Instrument :
 BNA_M
 ClientSampleId :
 MW-1

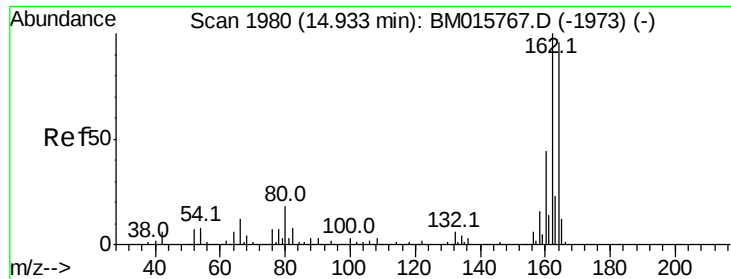
Tot Ion	82	Resp	629491
Ion Ratio	Lower	Upper	
82	100		
128	37.9	32.8	49.2
54	59.6	40.6	60.8



#35
 Caprolactam
 Concen: 3.074 ng
 RT: 12.07 min Scan# 1493
 Delta R.T. -0.05 min
 Lab File: BM015886.D
 Acq: 11 Jul 2018 13:24

Tgt Ion	113	Resp	4905
Ion Ratio	Lower	Upper	
113	100		
55	181.4	145.9	185.9
56	117.3	101.0	141.0

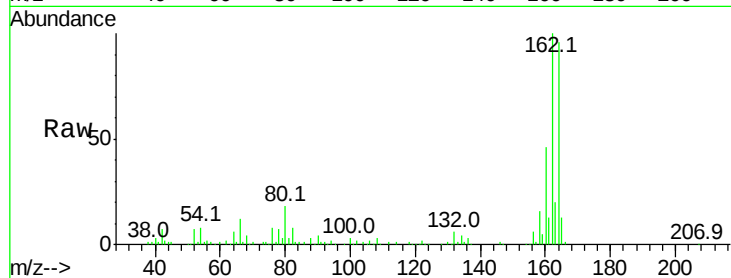




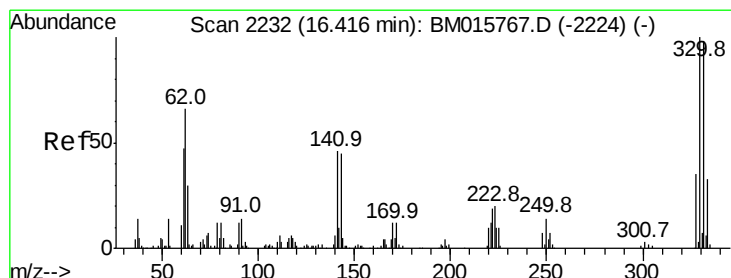
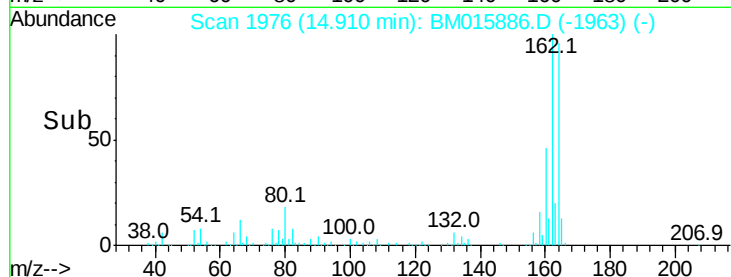
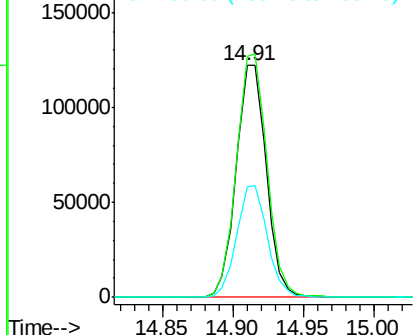
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015886.D
 Acq: 11 Jul 2018 13:24

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Tot Ion:164 Resp: 182343
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.4 123.6
 160 47.5 35.8 53.6

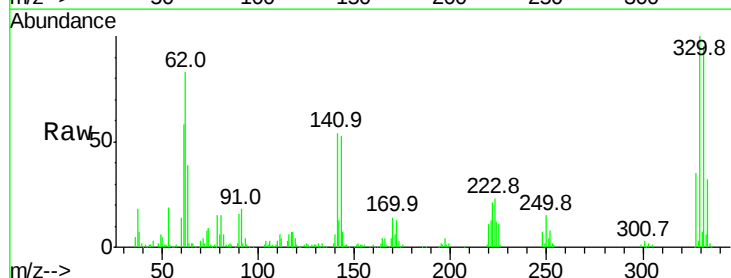


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

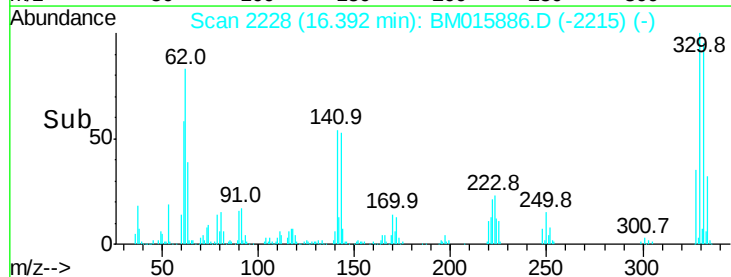
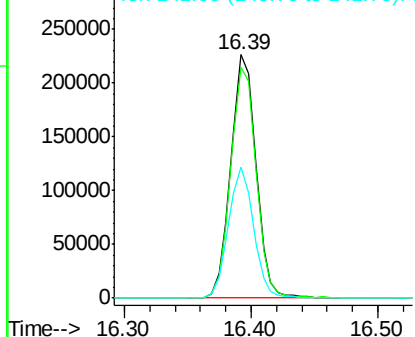


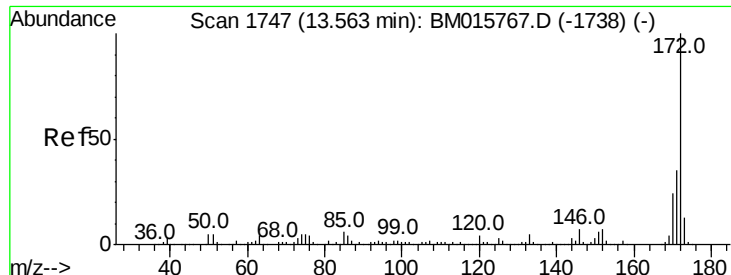
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015886.D
 Acq: 11 Jul 2018 13:24

Tgt Ion:330 Resp: 311812
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 54.1 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

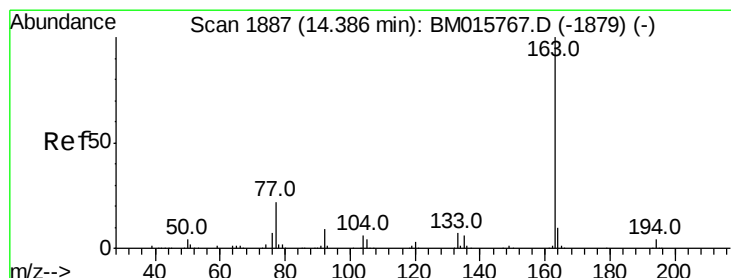
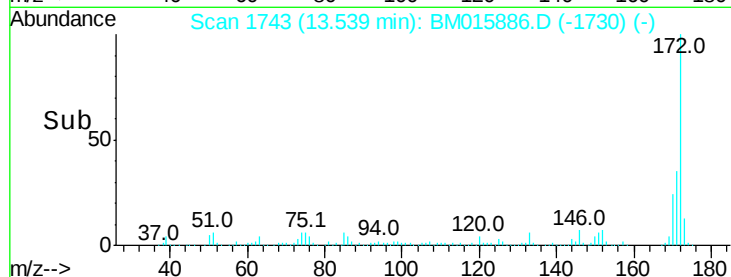
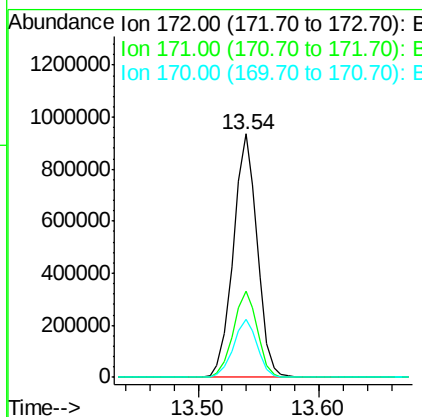
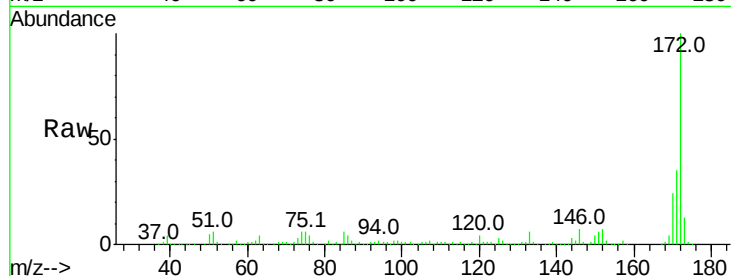




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

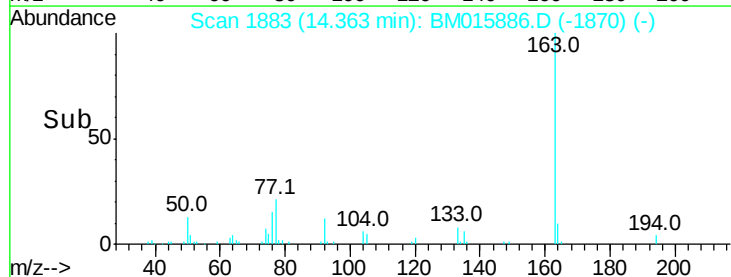
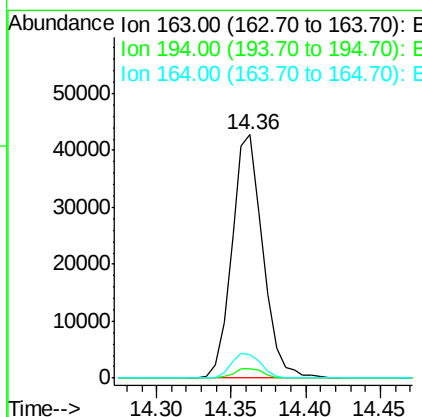
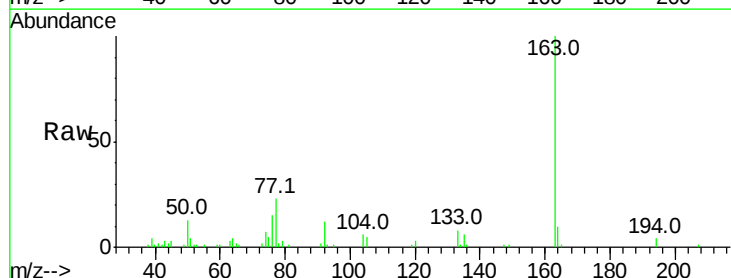
Instrument :
BNA_M
ClientSampleId :
MW-1

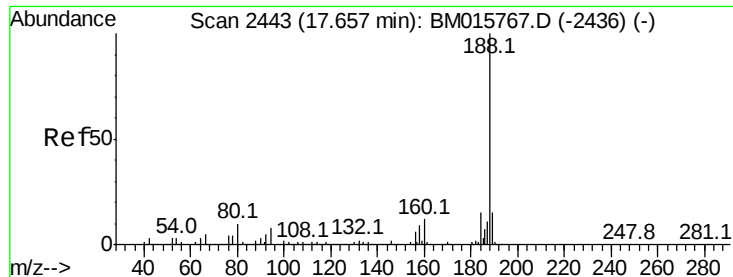
Tot Ion:172 Resp: 1290424
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 18.8 28.2



#49
Dimethylphthalate
Concen: 3.835 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

Tgt Ion:163 Resp: 61669
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2

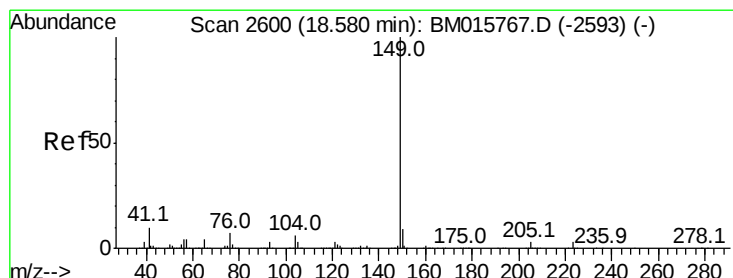
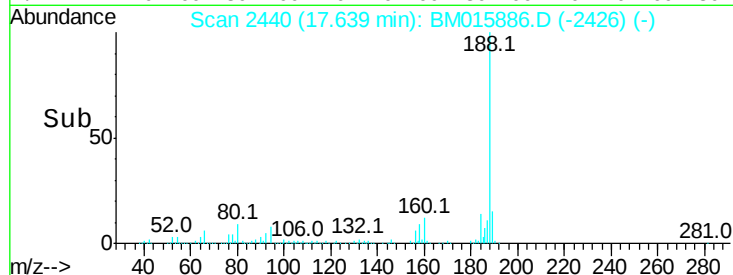
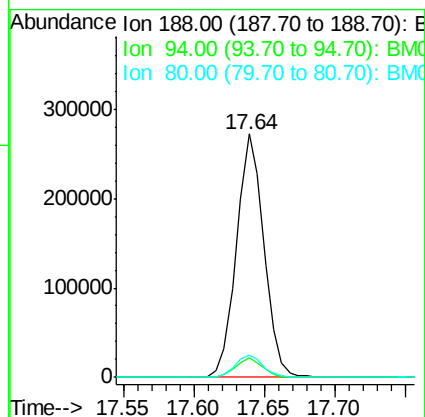
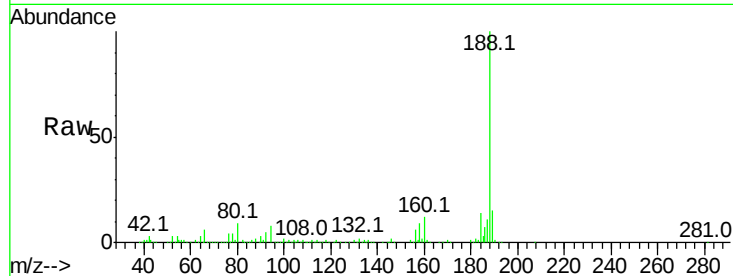




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

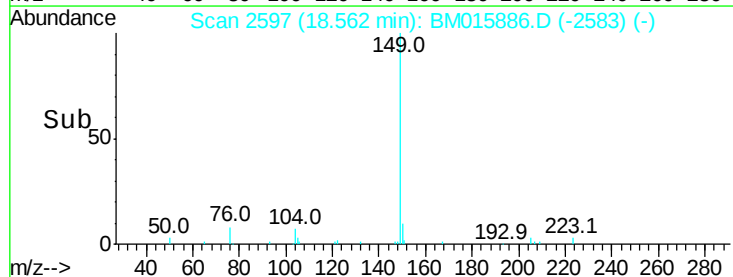
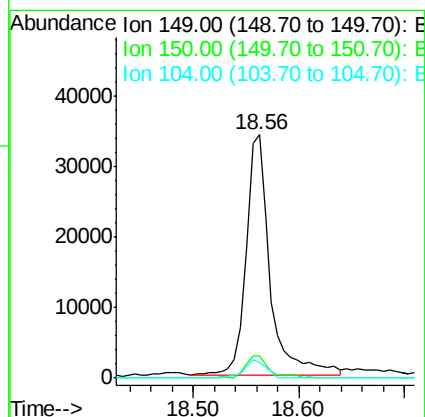
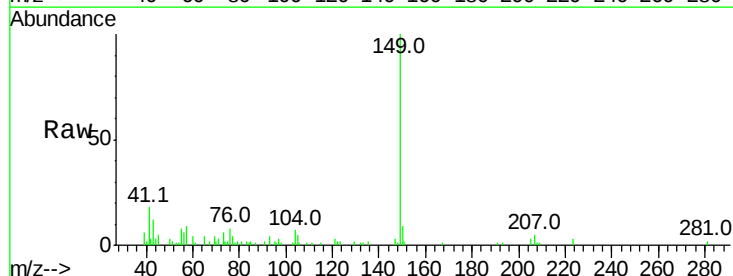
Instrument :
BNA_M
ClientSampleId :
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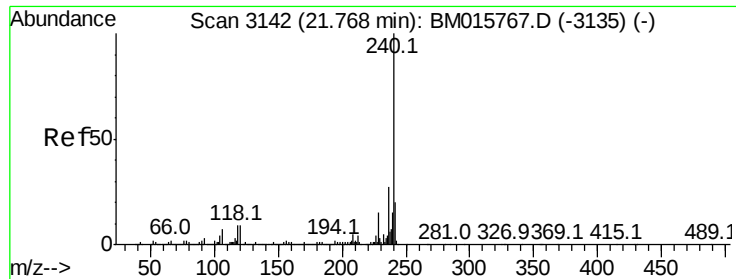
Tot Ion:188 Resp: 369589
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 9.4 9.3 13.9



#73
Di-n-butylphthalate
Concen: 2.057 ng
RT: 18.56 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

Tgt Ion:149 Resp: 53638
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.6 3.7 5.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BM015886.D

Acq: 11 Jul 2018 13:24

Instrument :

BNA_M

ClientSampleId :

MW-1

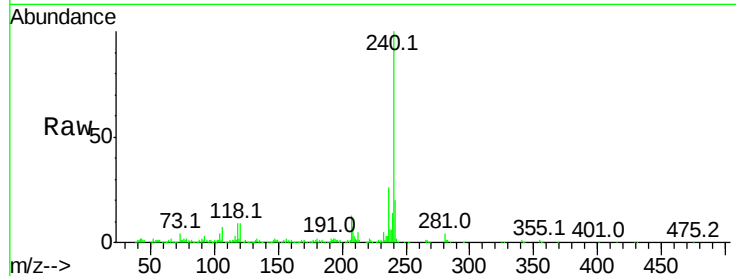
Tot Ion:240 Resp: 351977

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	25.9	20.0	30.0

240 100

120 8.7 8.2 12.2

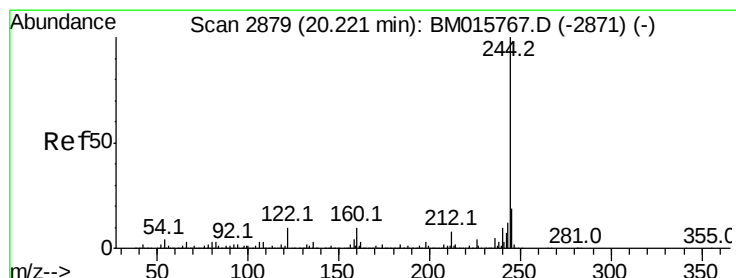
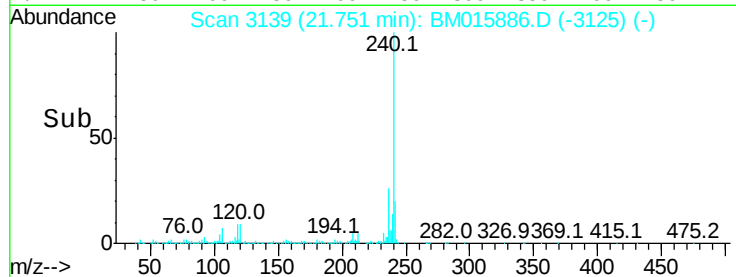
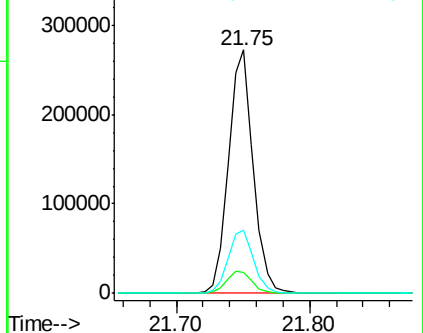
236 25.9 20.0 30.0



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: 20.20 min Scan# 2876

Delta R.T. -0.02 min

Lab File: BM015886.D

Acq: 11 Jul 2018 13:24

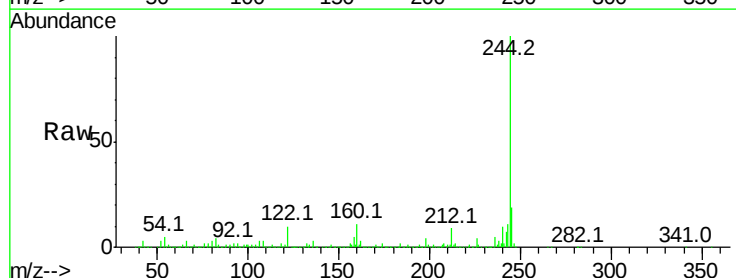
Tgt Ion:244 Resp: 1661530

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	9.7	6.2	9.4#

244 100

212 8.6 4.9 7.3#

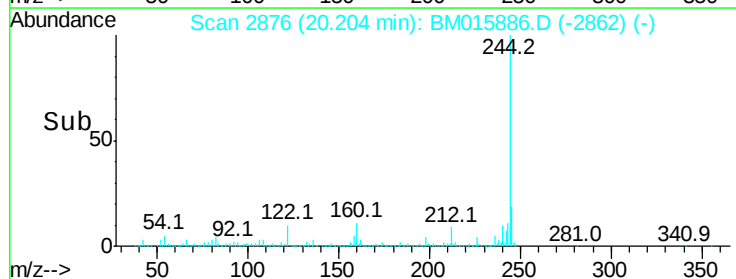
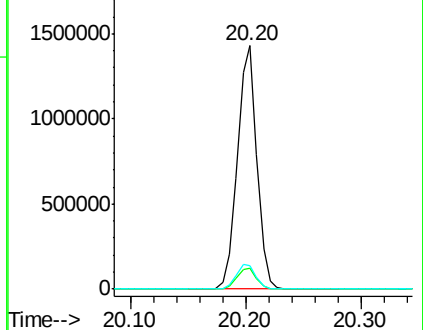
122 9.7 6.2 9.4#

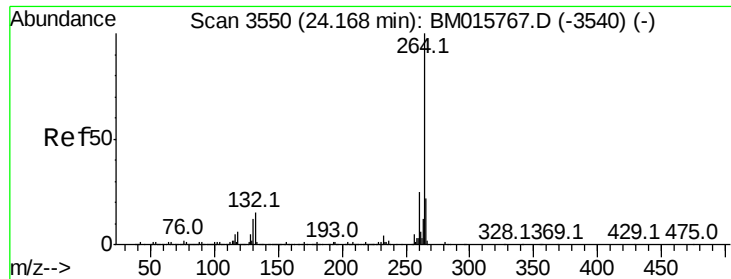


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

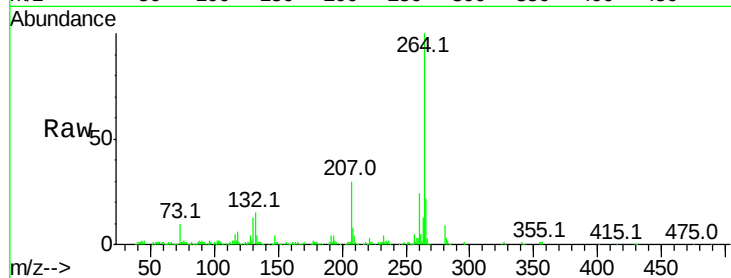




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3546
 Delta R.T. -0.02 min
 Lab File: BM015886.D
 Acq: 11 Jul 2018 13:24

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Tot Ion: 264 Resp: 360449
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 21.7 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

