

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

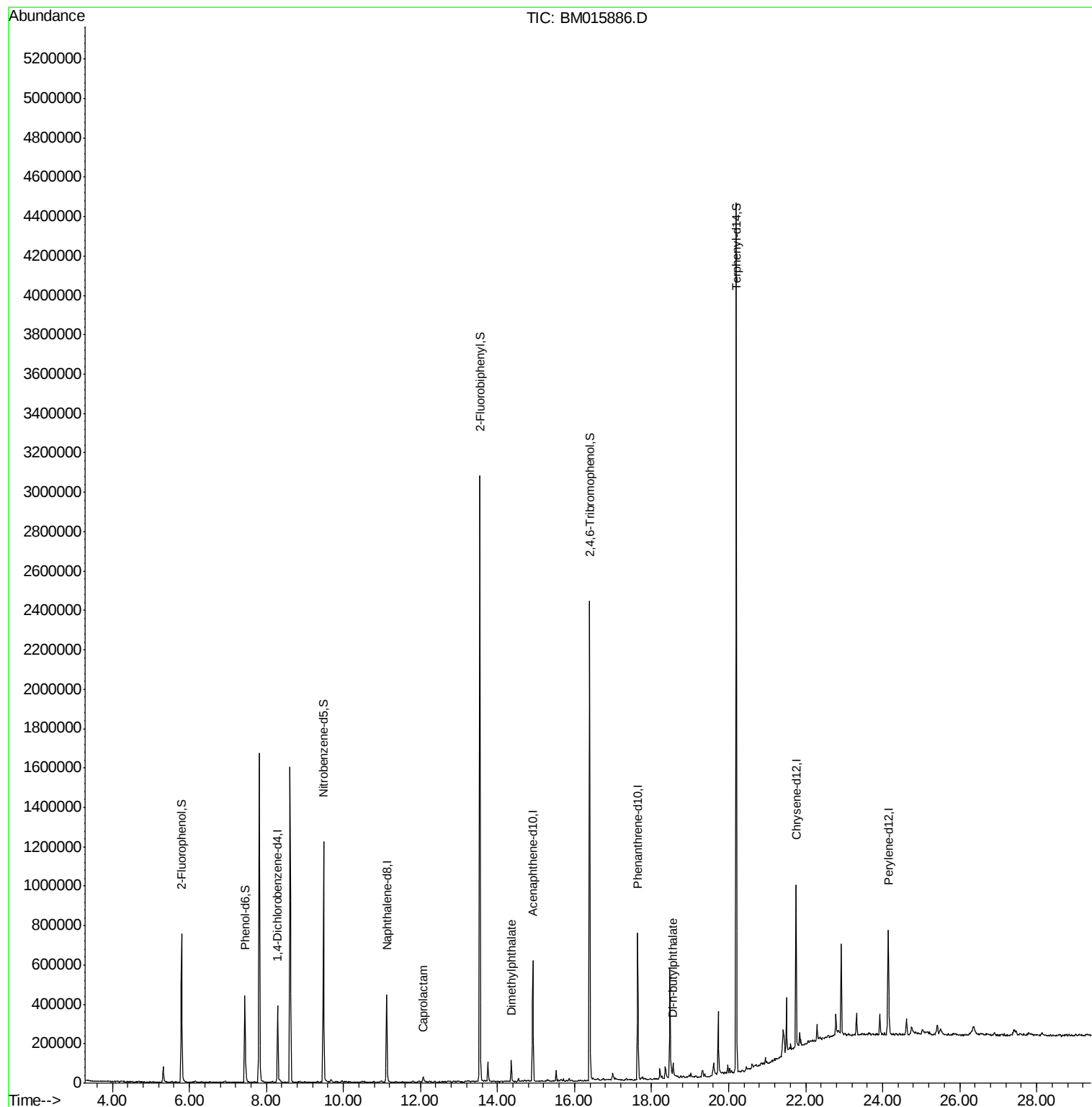
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	86626	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	332849	20.00	ng	-0.02
38) Acenaphthene-d10	14.91	164	182343	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	369589	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	351977	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

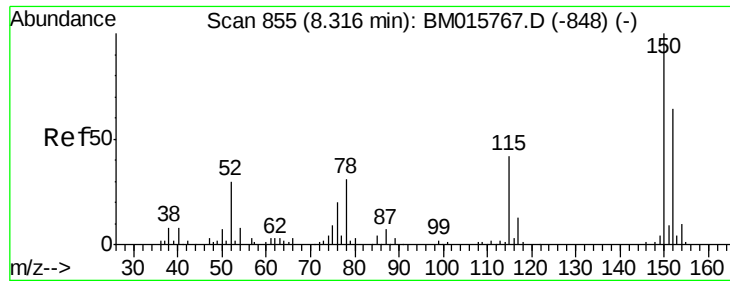
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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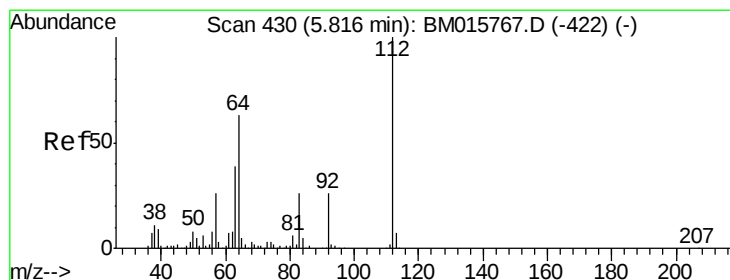
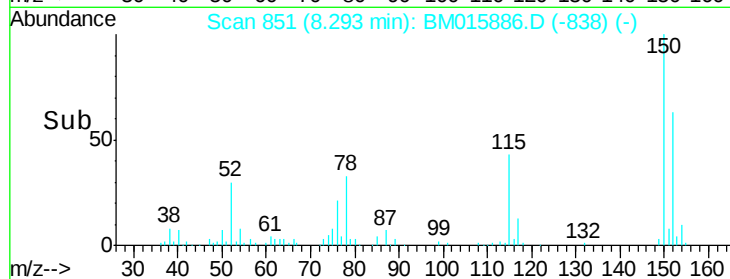
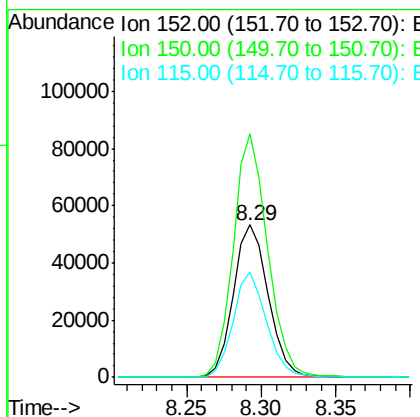
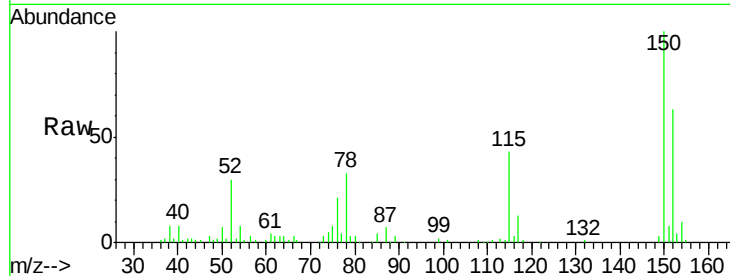




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM015886.D
 Acq: 11 Jul 2018 13:24

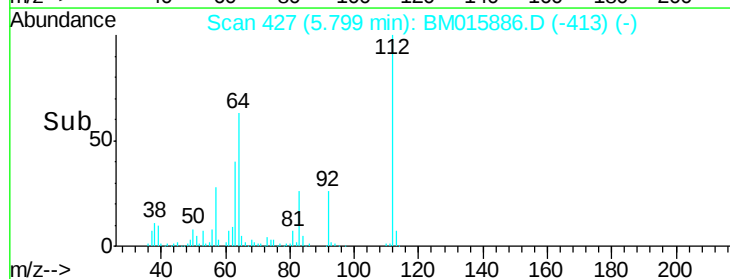
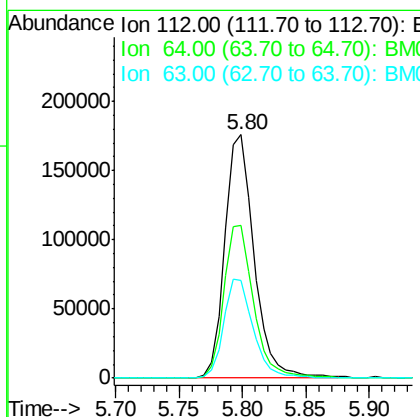
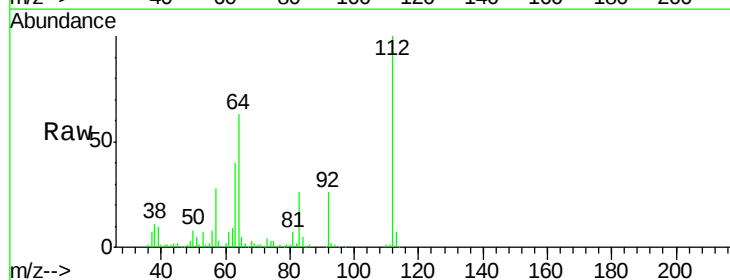
Instrument :
 BNA_M
 ClientSampleId :
 MW-1

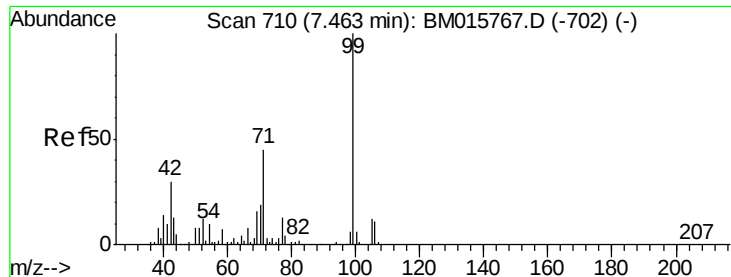
Tgt Ion:152 Resp: 86626
 Ion Ratio Lower Upper
 152 100
 150 159.5 119.5 179.3
 115 68.9 43.0 64.4#



#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#





#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

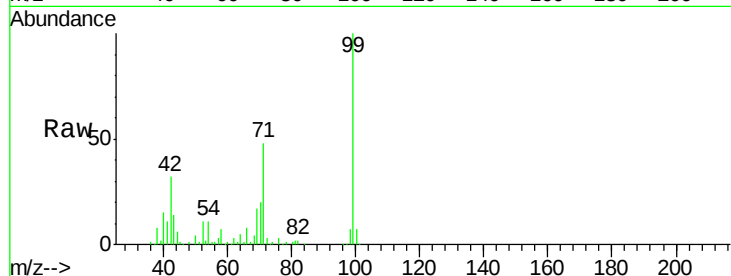
Tgt Ion: 99 Resp: 208481

Ion Ratio Lower Upper

99 100

42 31.6 11.0 16.4#

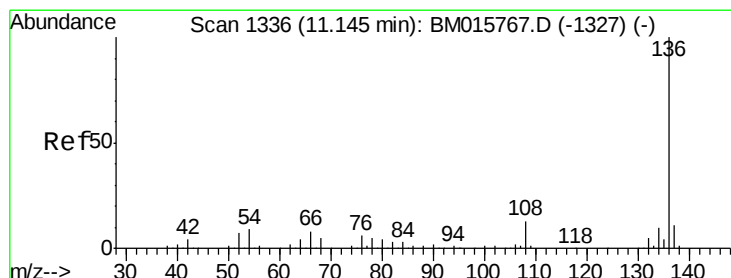
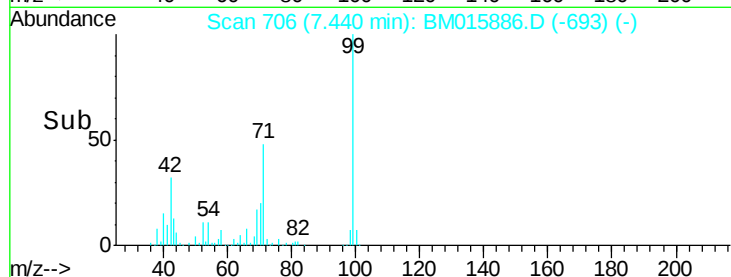
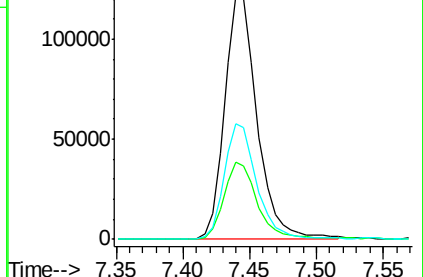
71 47.6 23.4 35.2#



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

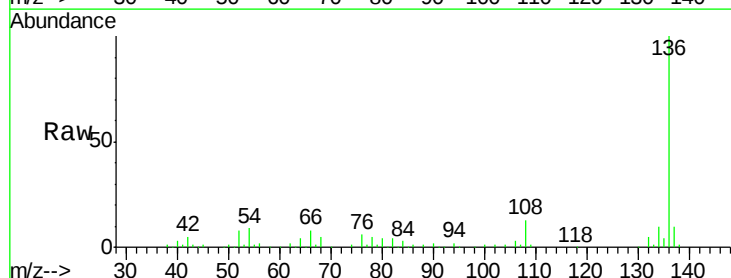
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.1 4.6 6.8#

68 4.6 3.7 5.5

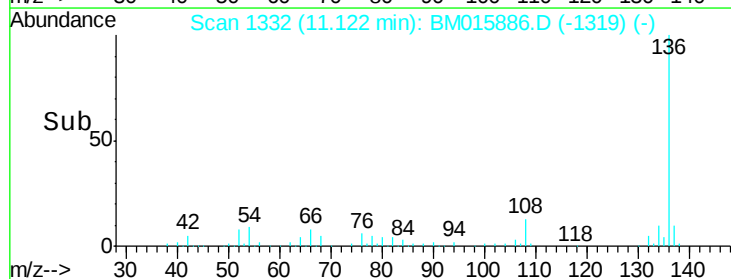
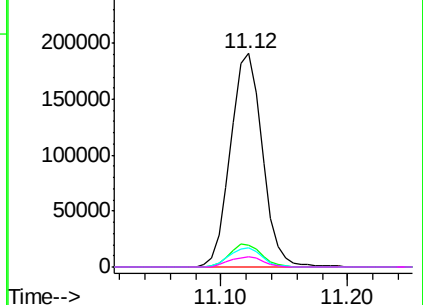


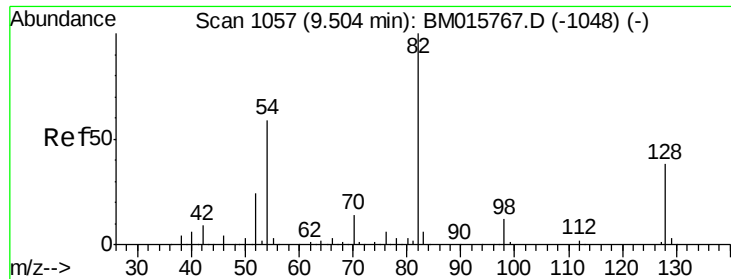
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

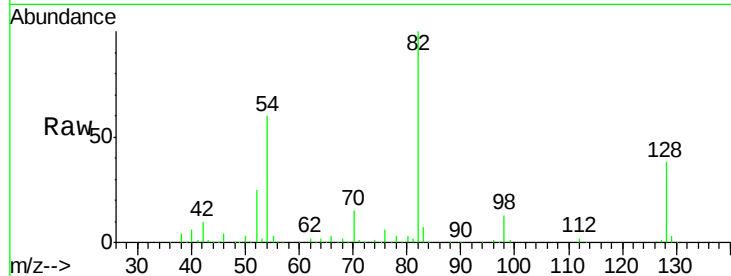




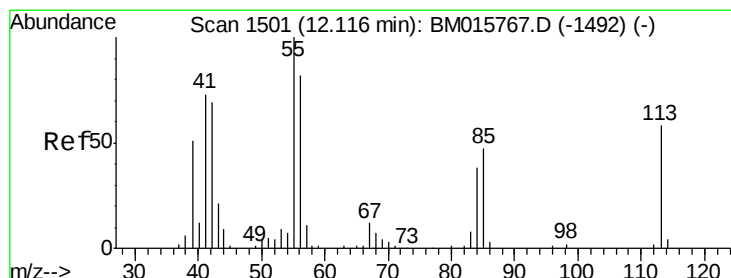
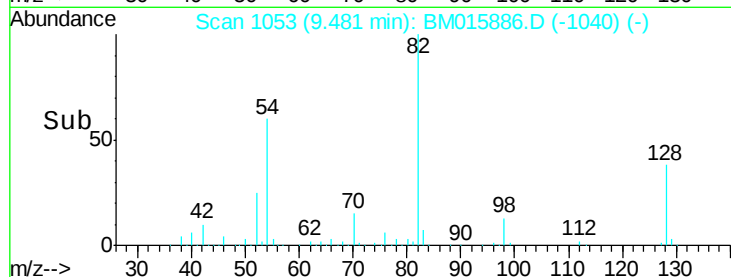
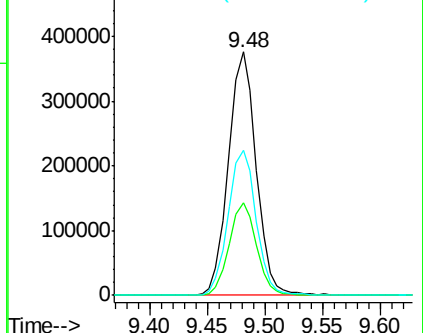
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

Instrument :
BNA_M
ClientSampleId :
MW-1

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

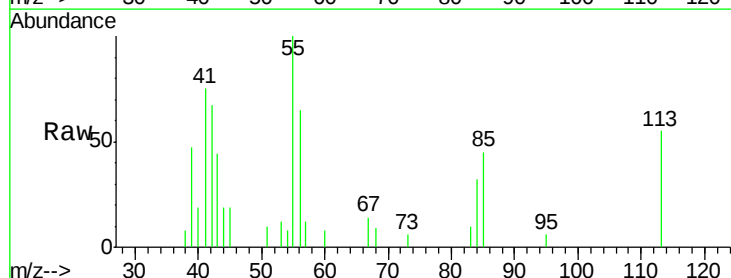


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)
Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)
Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)

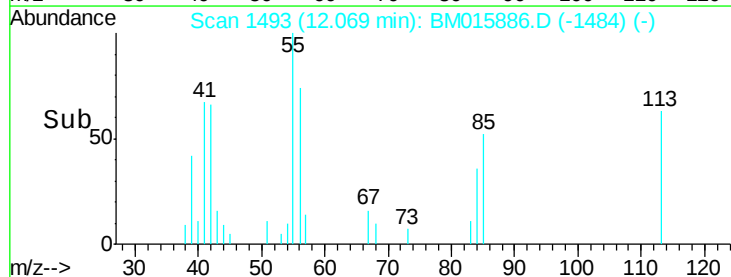
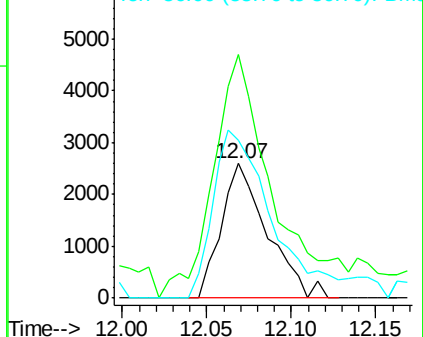


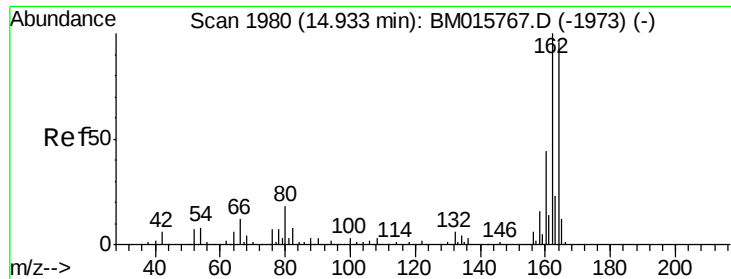
#35
Caprolactam
Concen: 3.074 ng
RT: 12.07 min Scan# 1493
Delta R.T. -0.05 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

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



Abundance Ion 113.00 (112.70 to 113.70): BM015767.D (-1492) (-)
Ion 55.00 (54.70 to 55.70): BM015767.D (-1492) (-)
Ion 56.00 (55.70 to 56.70): BM015767.D (-1492) (-)

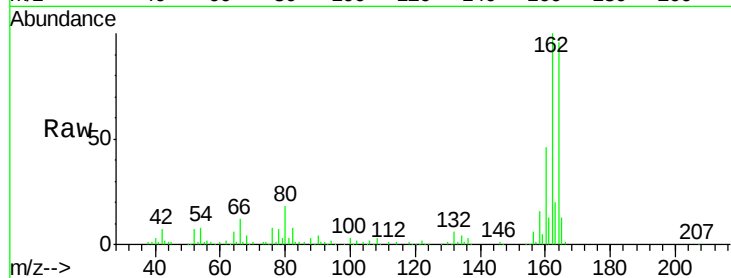




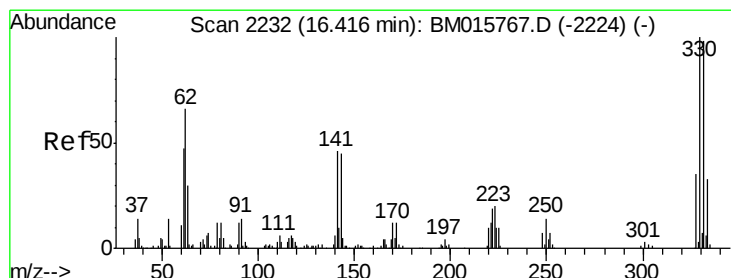
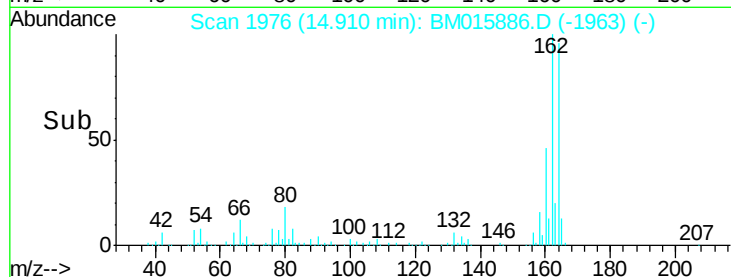
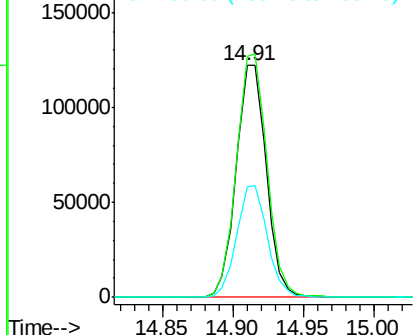
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

Instrument :
BNA_M
ClientSampleId :
MW-1

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

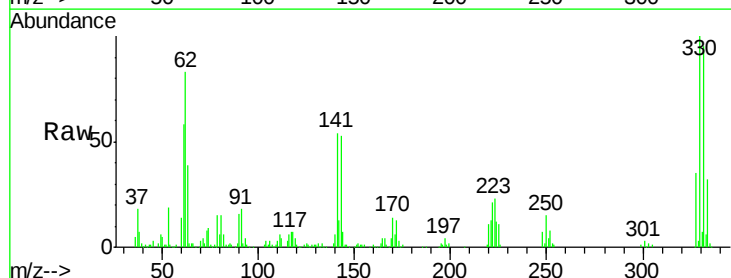


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

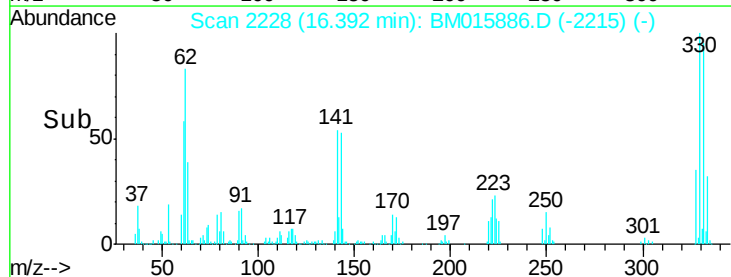
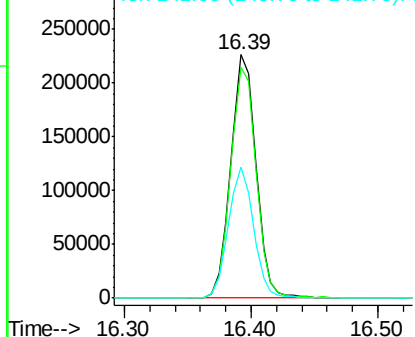


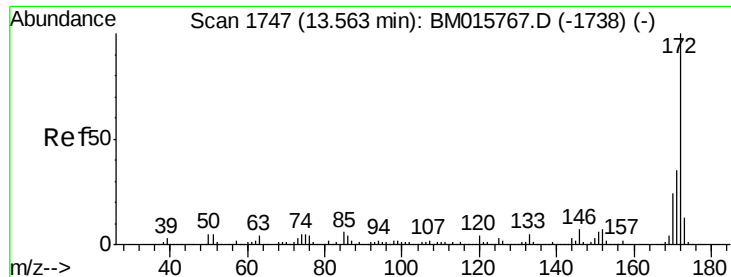
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.39 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BM015886.D
Acq: 11 Jul 2018 13:24

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

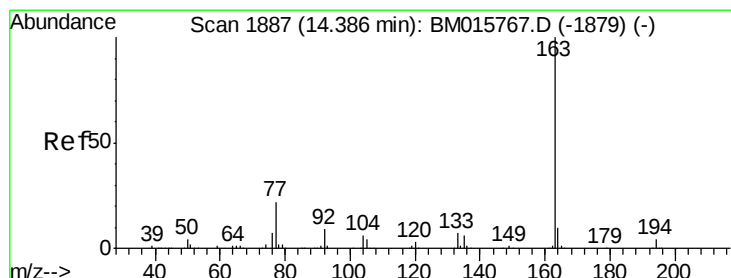
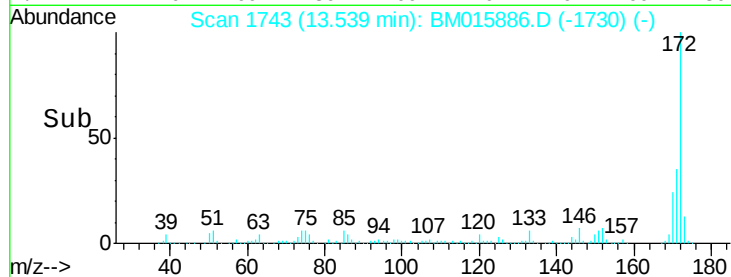
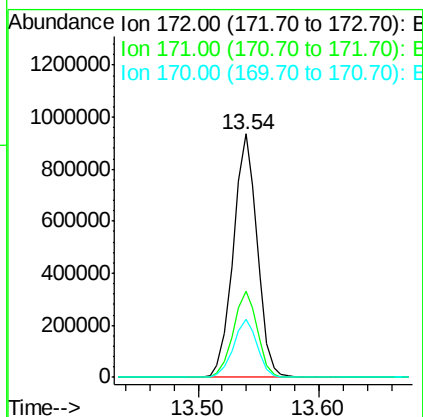
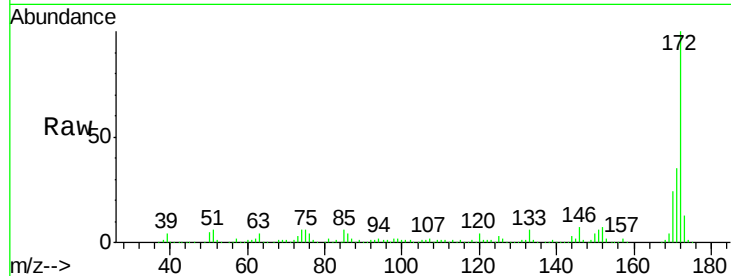




#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015886.D
 Acq: 11 Jul 2018 13:24

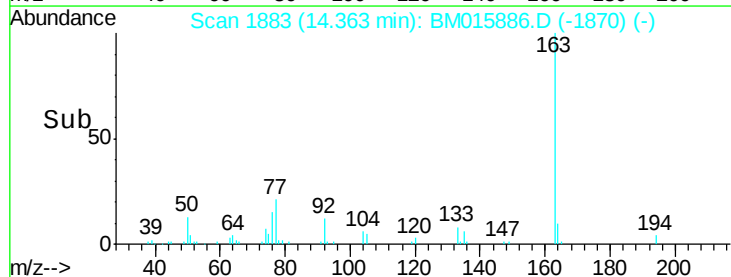
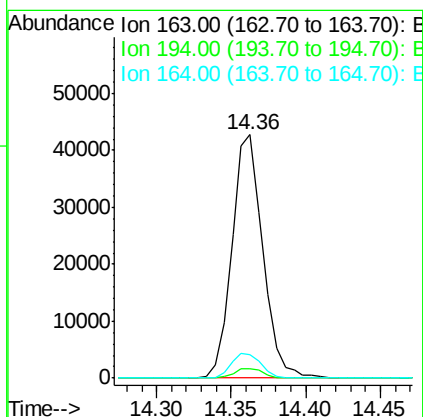
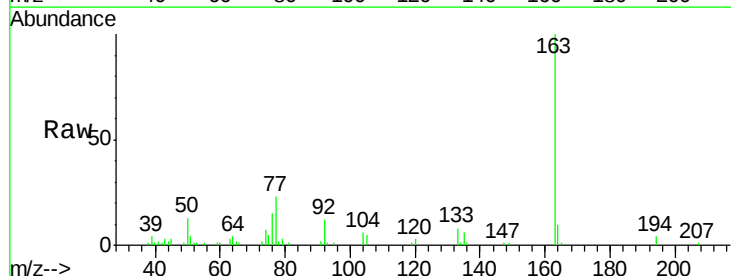
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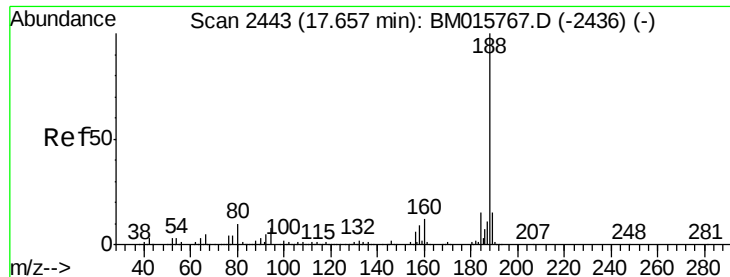
Tgt Ion:172 Resp: 1290424
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.8 18.8 28.2



#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 :

MW-1

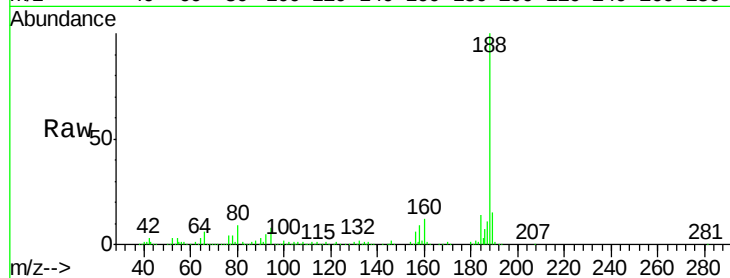
Tgt Ion:188 Resp: 369589

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

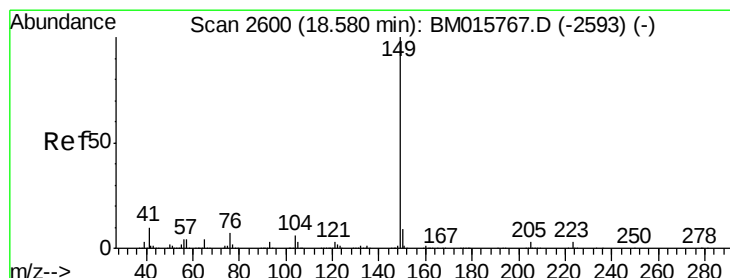
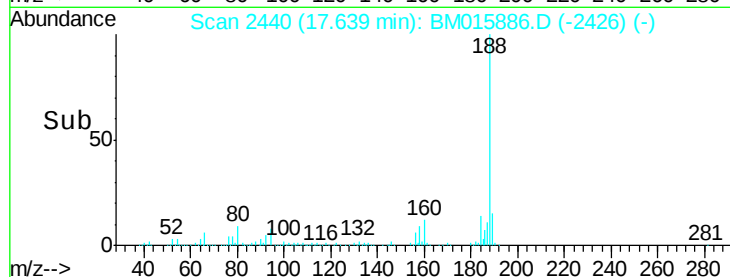
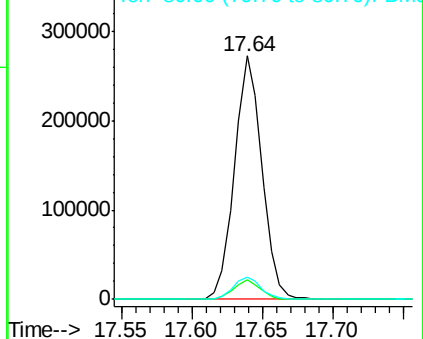
80 9.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#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

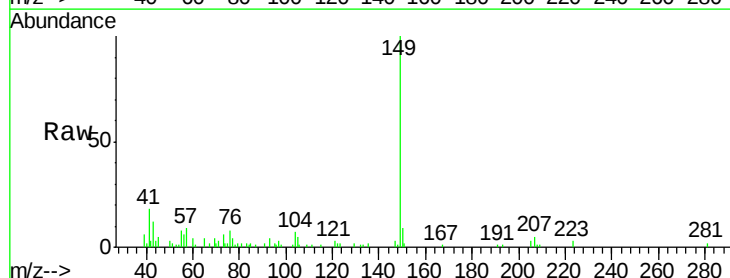
Tgt Ion:149 Resp: 53638

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

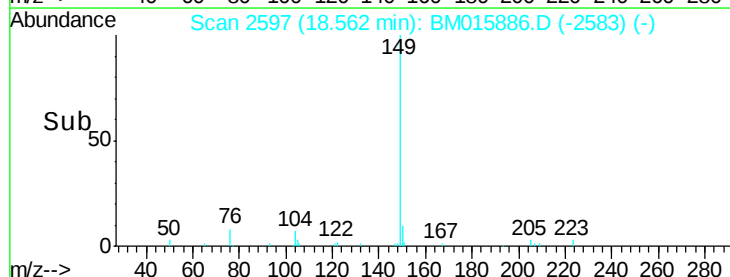
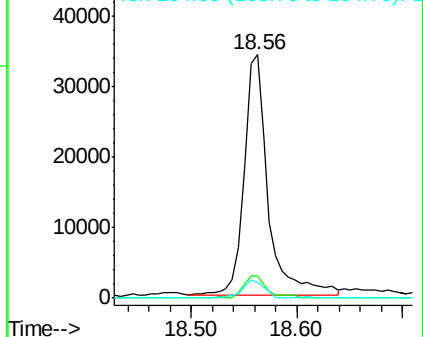
104 6.6 3.7 5.5#

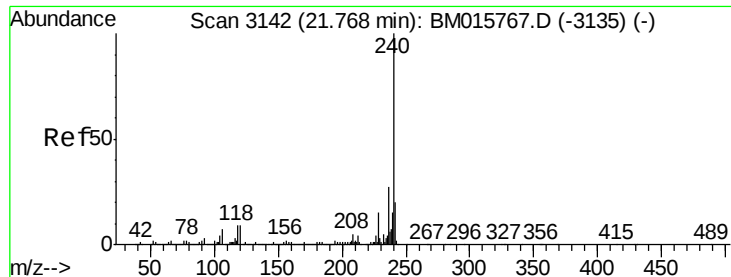


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3139

Delta R.T. -0.02 min

Lab File: BM015886.D

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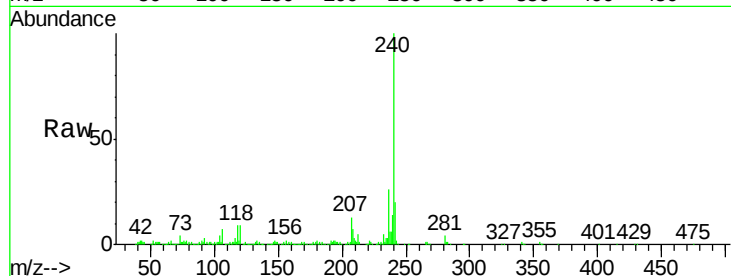
Tgt Ion:240 Resp: 351977

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

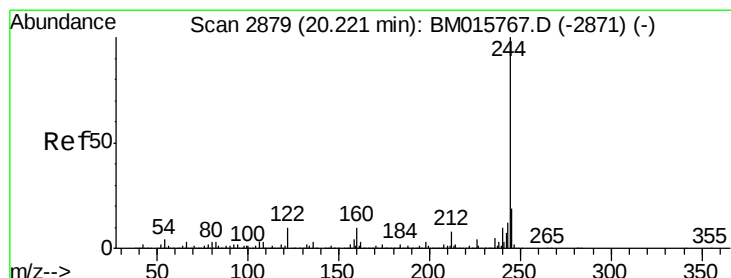
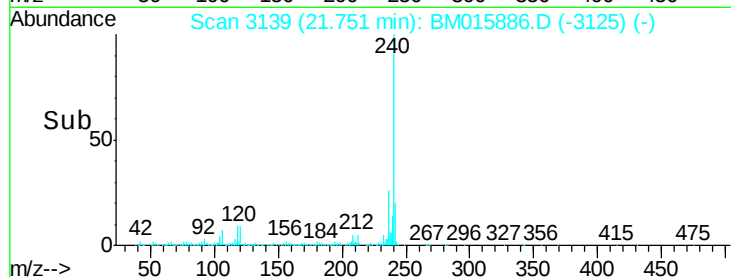
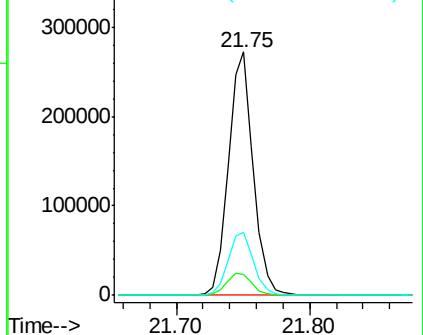
236 25.9 20.0 30.0



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

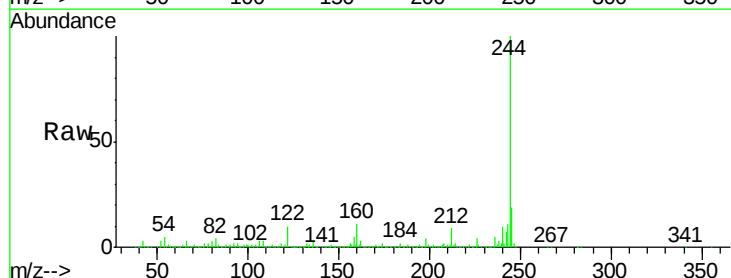
Tgt Ion:244 Resp: 1661530

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

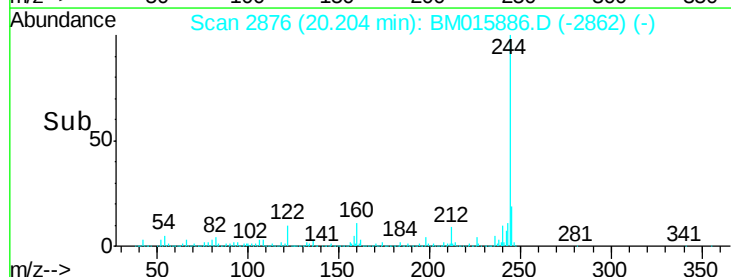
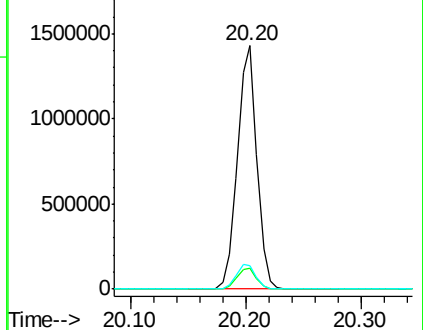
122 9.7 6.2 9.4#

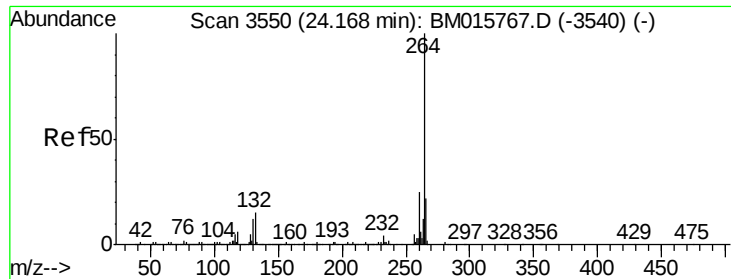


Abundance Ion 244.00 (243.70 to 244.70): E

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: 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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.7	17.3	25.9

