

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015489.D
 Acq On : 06 Jun 2018 14:59
 Operator : SJ/JU
 Sample : J3262-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 06 16:15:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 06 14:01:06 2018
 Response via : Initial Calibration

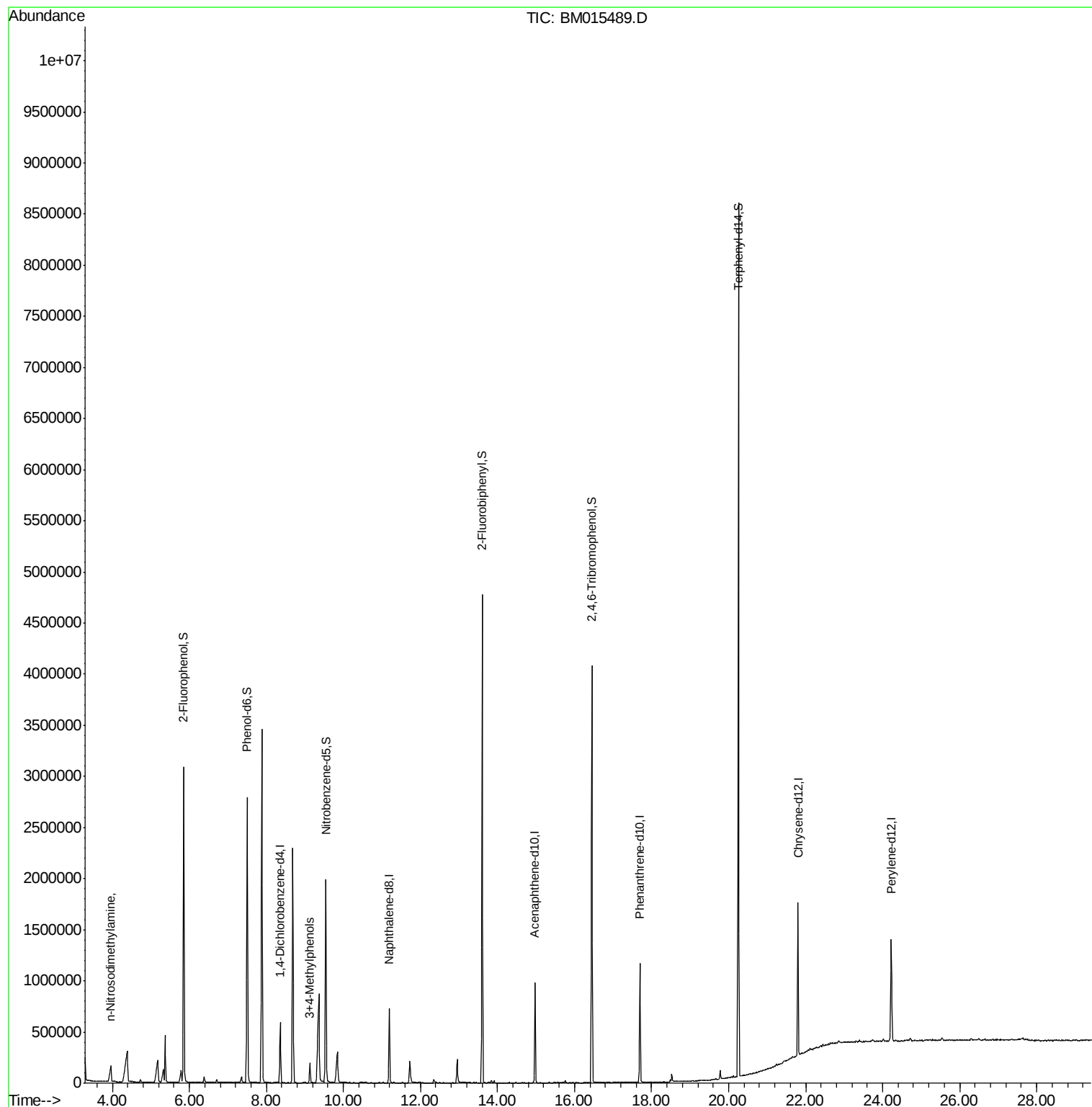
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	147618	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	577036	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	302668	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	658027	20.00	ng	0.00
75) Chrysene-d12	21.80	240	658995	20.00	ng	0.00
86) Perylene-d12	24.22	264	690413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1191989	137.35	ng	0.00
7) Phenol-d6	7.50	99	1441366	109.89	ng	0.00
23) Nitrobenzene-d5	9.55	82	1092473	102.98	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	654175	150.40	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2257092	100.13	ng	0.00
78) Terphenyl-d14	20.26	244	3746282	131.22	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.96	42	20190	3.835	ng	Qvalue # 1
20) 3+4-Methylphenols	9.12	107	86956	6.718	ng	89

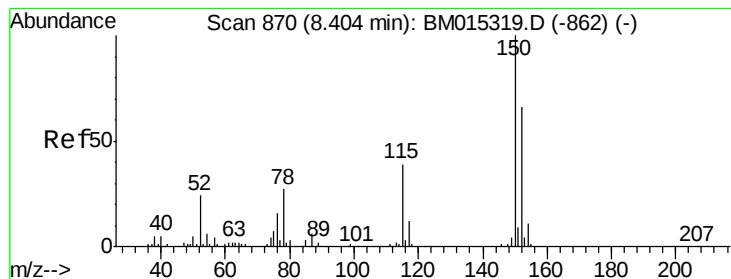
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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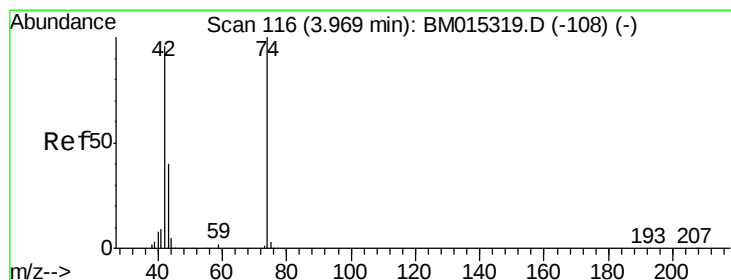
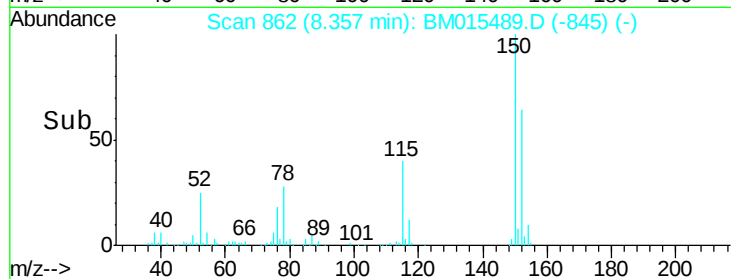
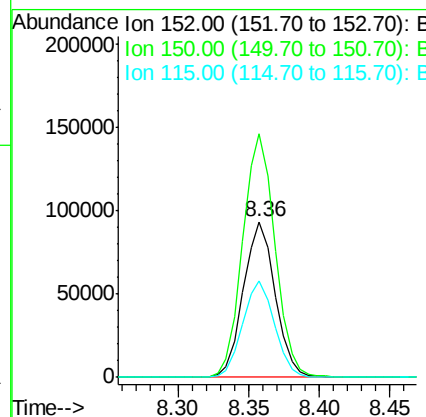
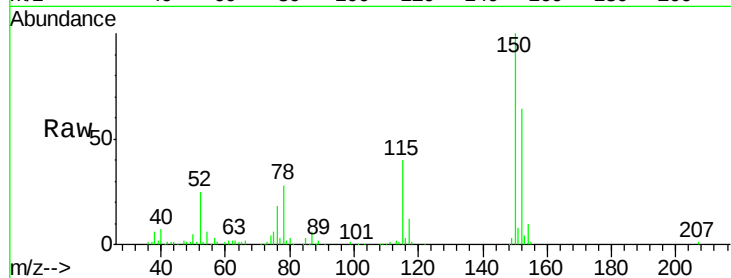


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015489.D
Acq: 06 Jun 2018 14:59

Instrument :
BNA_M
ClientSampleId :

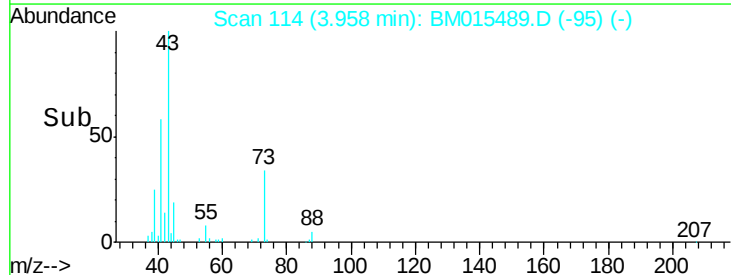
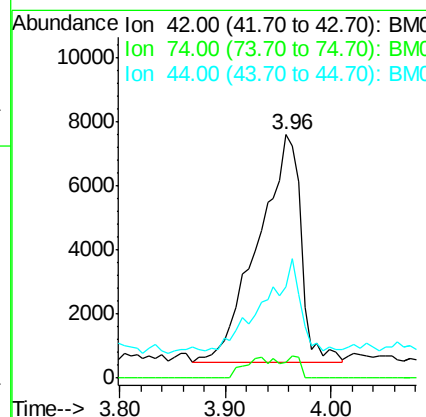
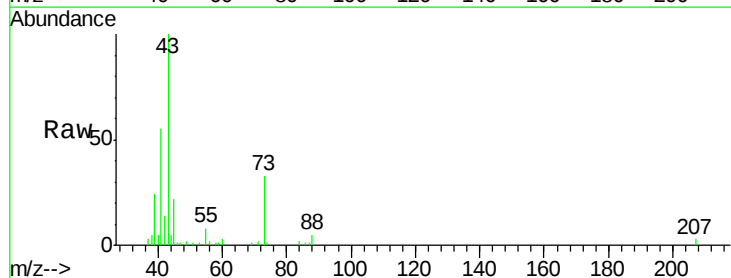
Tot Ion:152 Resp: 147618
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 61.8 43.0 64.4

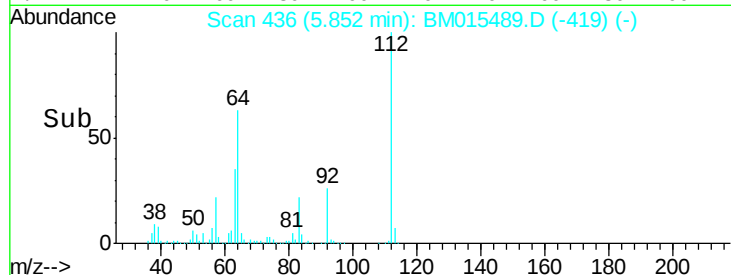
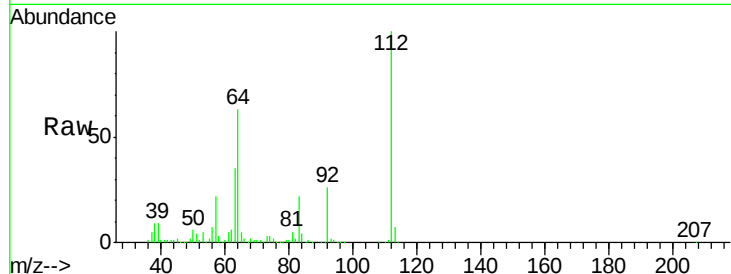
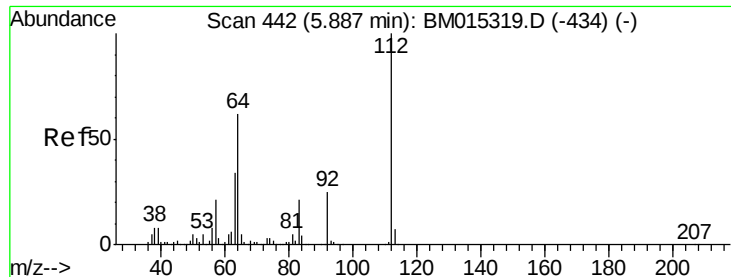


#4

n-Nitrosodimethylamine
Concen: 3.835 ng
RT: 3.96 min Scan# 114
Delta R.T. 0.01 min
Lab File: BM015489.D
Acq: 06 Jun 2018 14:59

Tgt Ion: 42 Resp: 20190
Ion Ratio Lower Upper
42 100
74 6.7 119.3 178.9#
44 37.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 137.354 ng

RT: 5.85 min Scan# 436

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

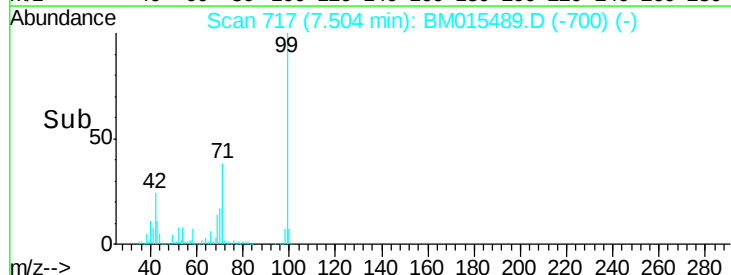
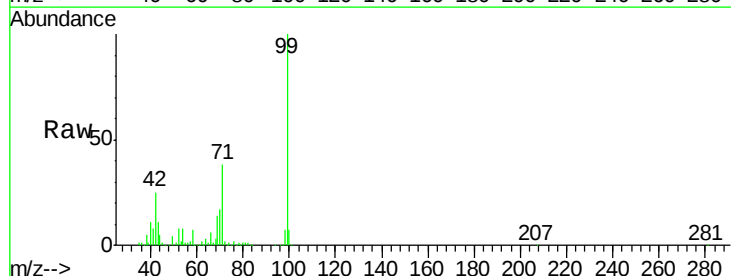
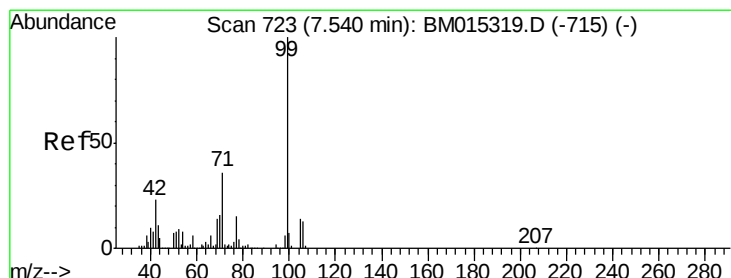
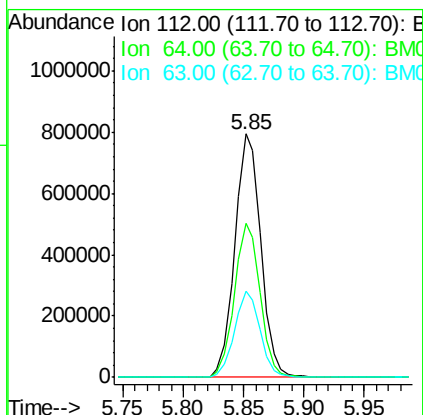
Tot Ion:112 Resp: 1191989

Ion Ratio Lower Upper

112 100

64 63.1 38.6 57.8#

63 35.3 19.3 28.9#



#7

Phenol-d6

Concen: 109.888 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

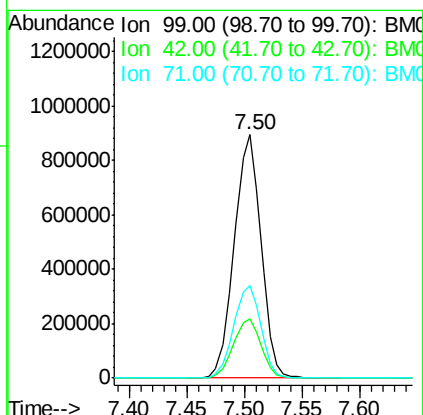
Tgt Ion: 99 Resp: 1441366

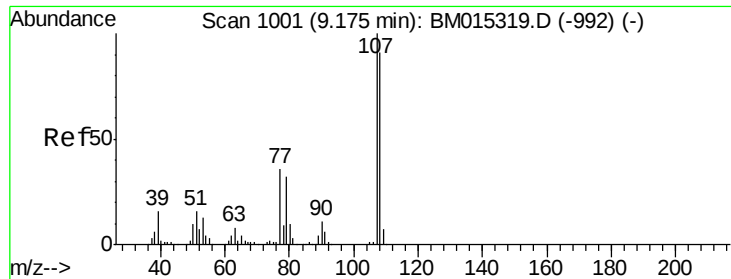
Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

71 38.3 23.4 35.2#





#20

3+4-Methylphenols

Concen: 6.718 ng

RT: 9.12 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 86956

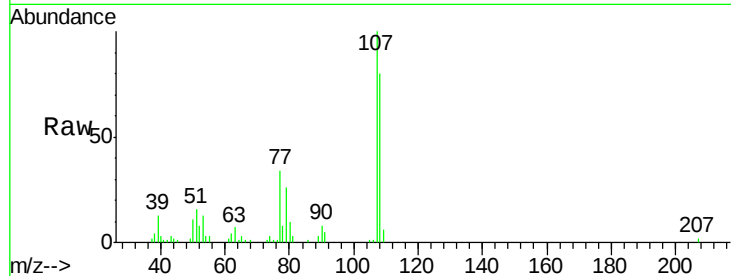
Ion Ratio Lower Upper

107 100

108 79.8 73.2 113.2

77 33.6 10.7 50.7

79 25.6 9.6 49.6

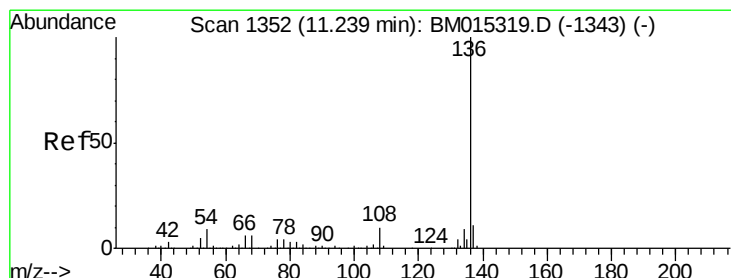
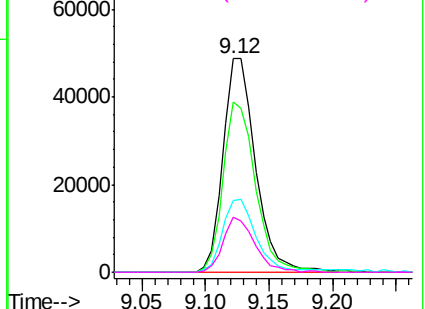
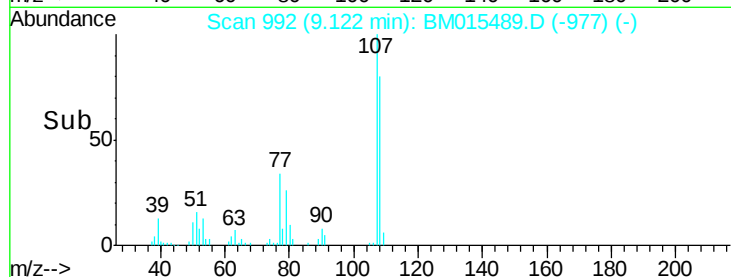


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Tgt Ion:136 Resp: 577036

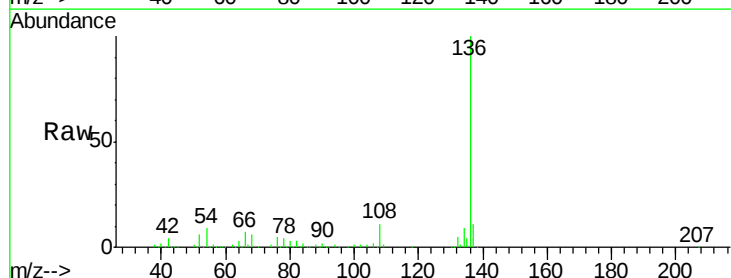
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 4.6 6.8#

68 5.9 3.7 5.5#

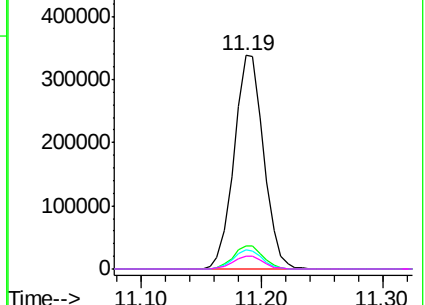
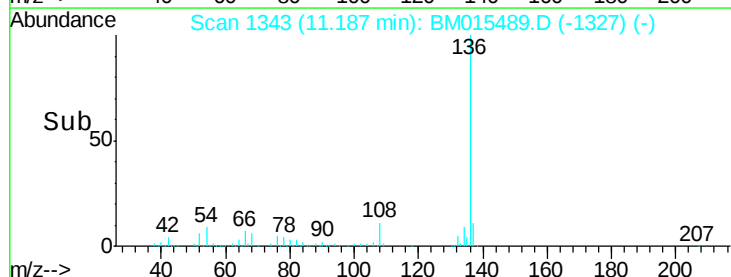


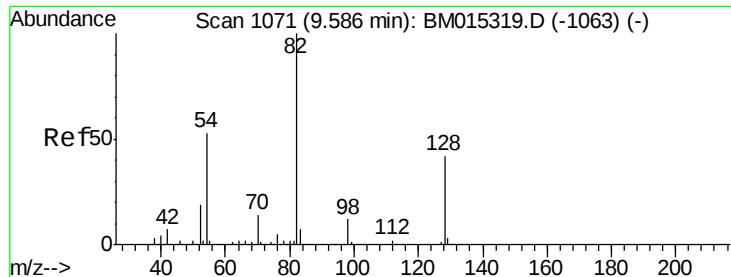
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

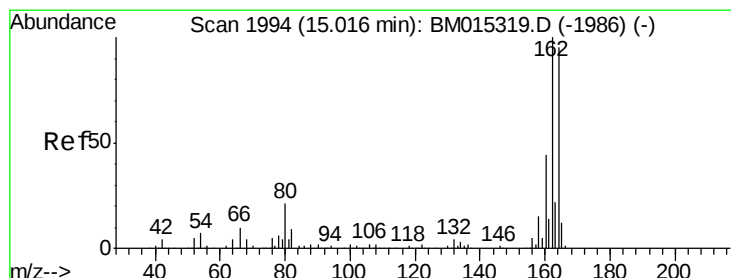
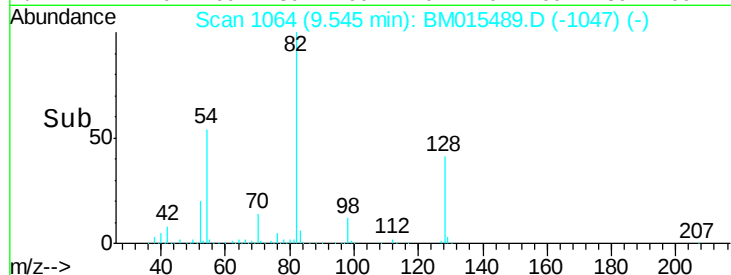
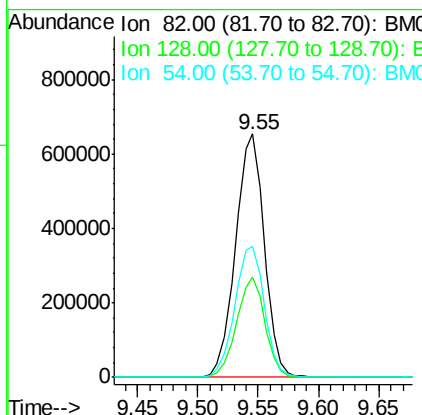
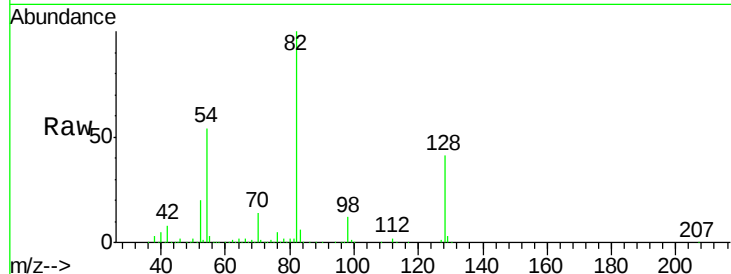




#23
 Nitrobenzene-d5
 Concen: 102.980 ng
 RT: 9.55 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BM015489.D
 Acq: 06 Jun 2018 14:59

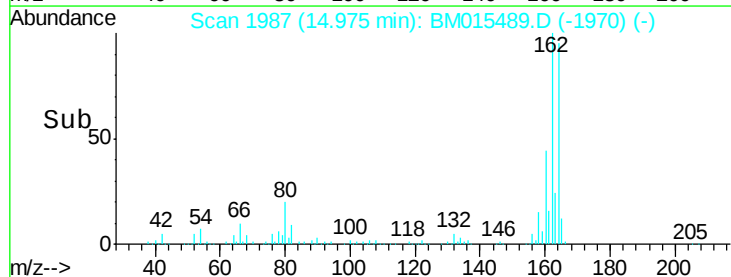
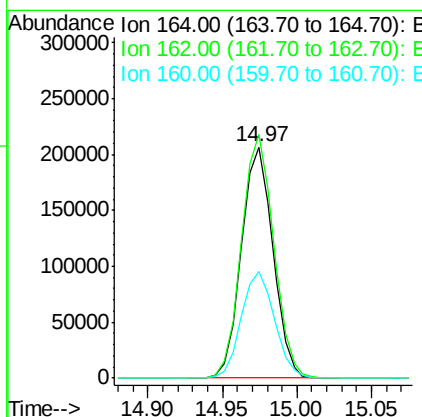
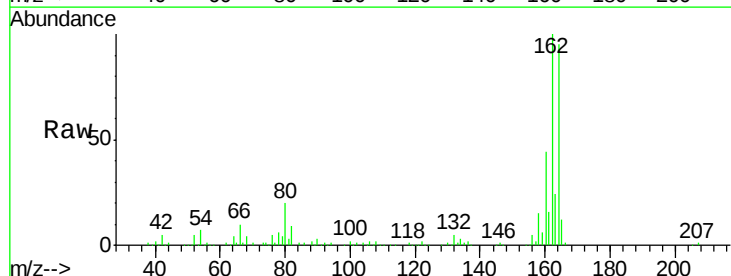
Instrument :
 BNA_M
 ClientSampled :

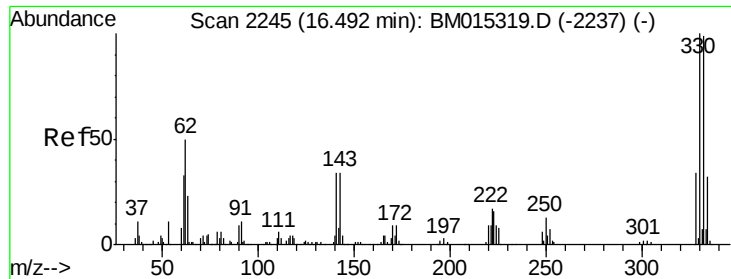
Tot Ion: 82 Resp: 1092473
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.8 49.2
 54 53.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BM015489.D
 Acq: 06 Jun 2018 14:59

Tgt Ion: 164 Resp: 302668
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.4 123.6
 160 46.2 35.8 53.6

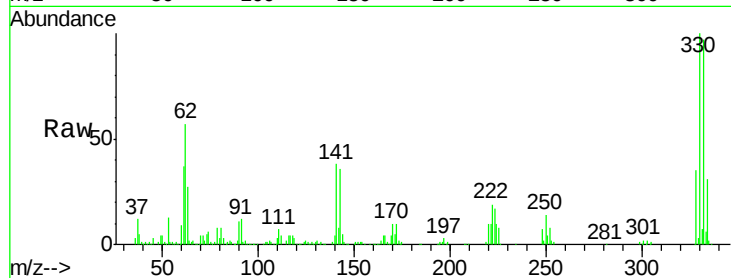




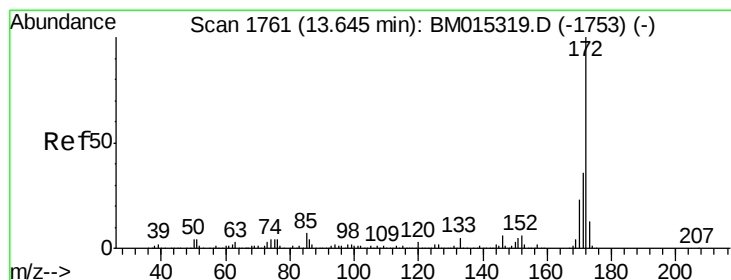
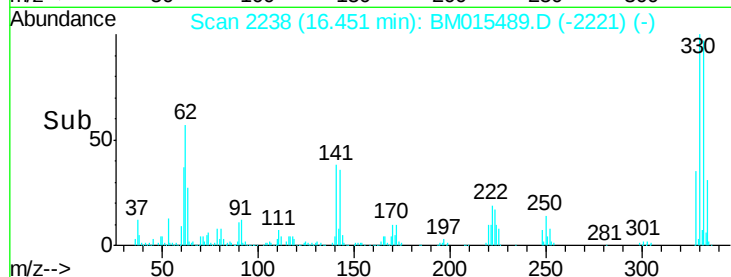
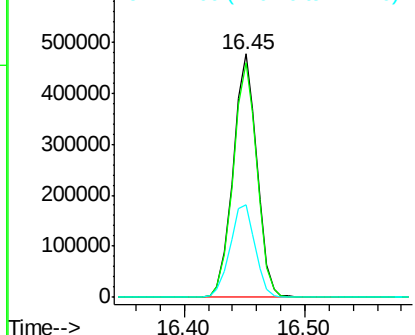
#41
 2,4,6-Tribromophenol
 Concen: 150.400 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015489.D
 Acq: 06 Jun 2018 14:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	40.2	0.0	0.0#

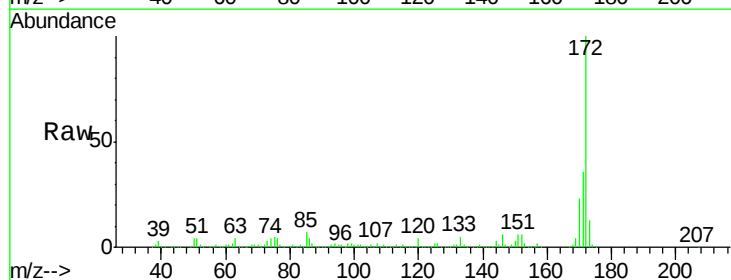


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

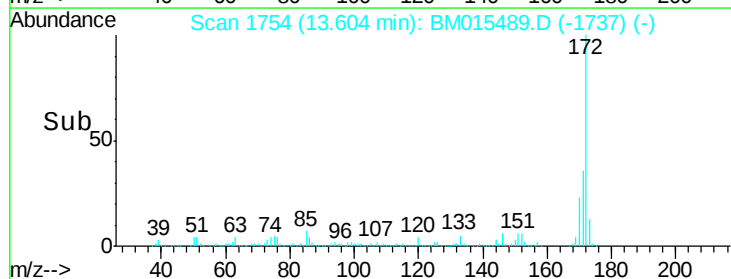
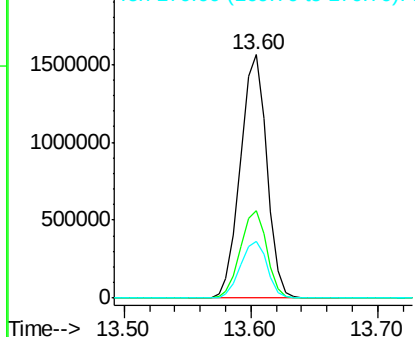


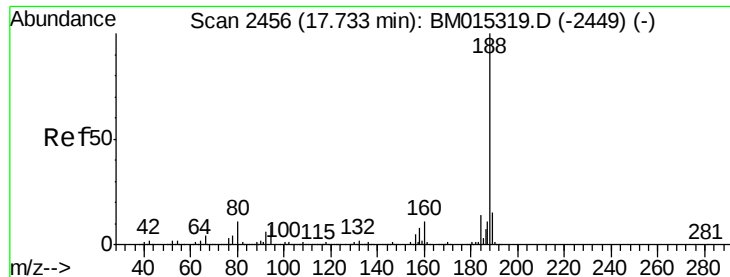
#44
 2-Fluorobiphenyl
 Concen: 100.127 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BM015489.D
 Acq: 06 Jun 2018 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

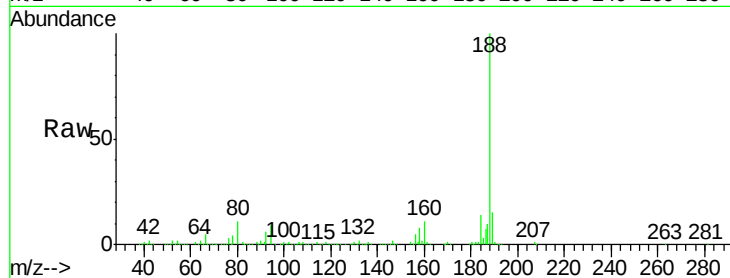
Tot Ion:188 Resp: 658027

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

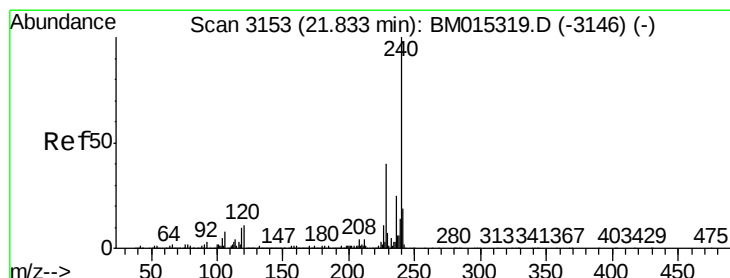
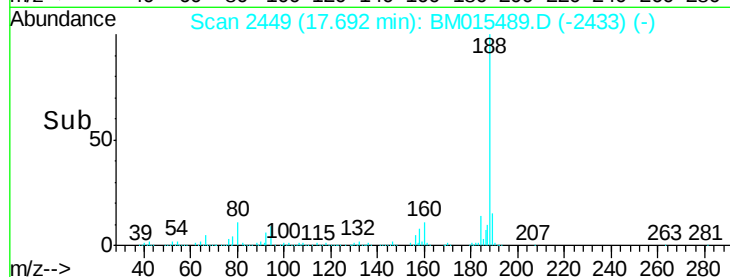
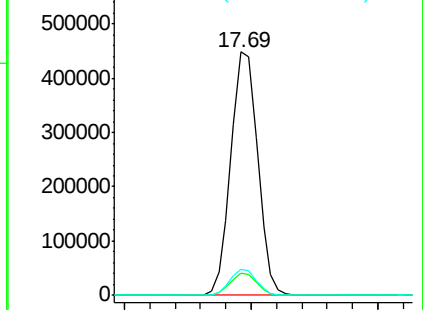
80 10.9 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

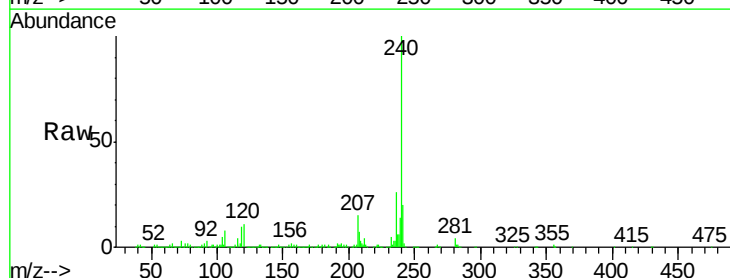
Tgt Ion:240 Resp: 658995

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

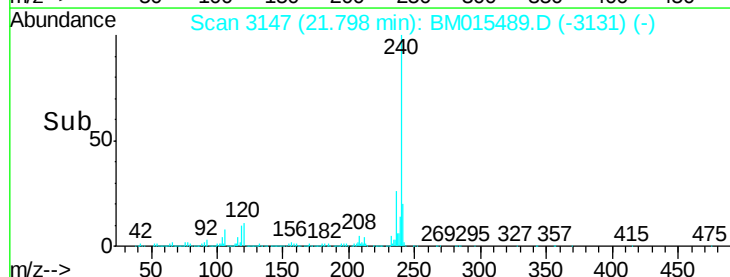
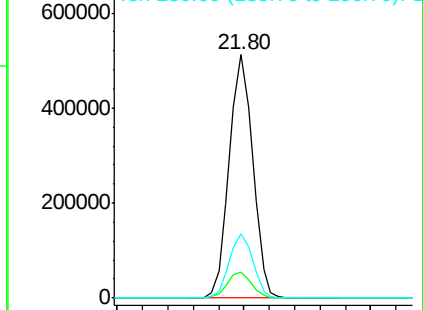
236 26.3 20.0 30.0

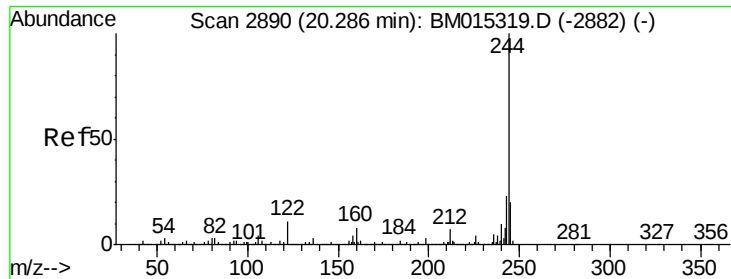


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 131.216 ng

RT: 20.26 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

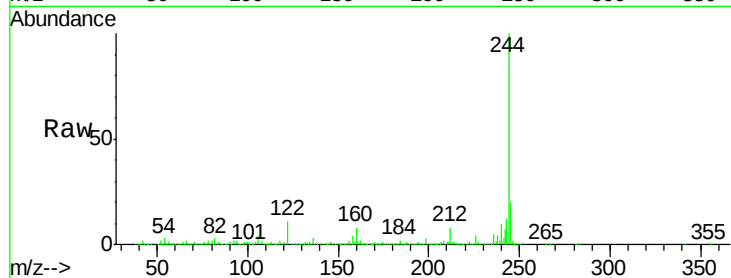
Tot Ion:244 Resp: 3746282

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

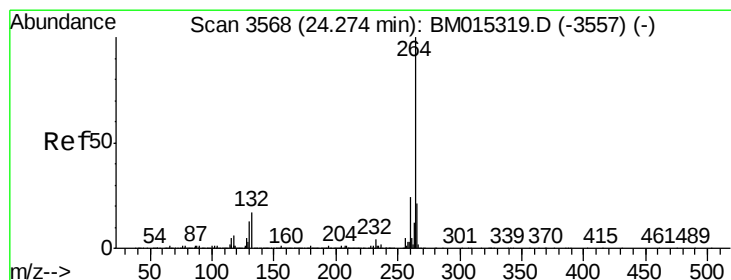
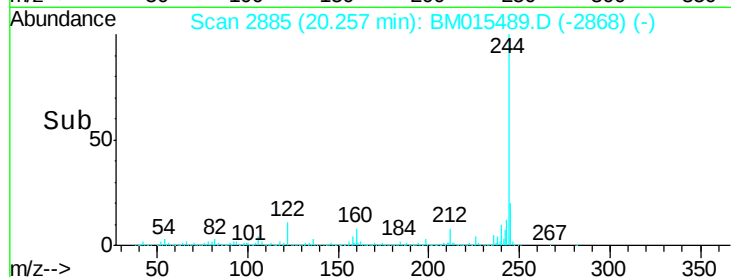
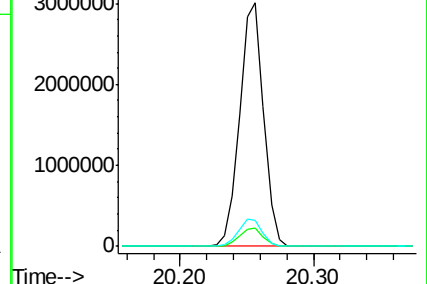
122 10.6 6.2 9.4#



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: 24.22 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BM015489.D

Acq: 06 Jun 2018 14:59

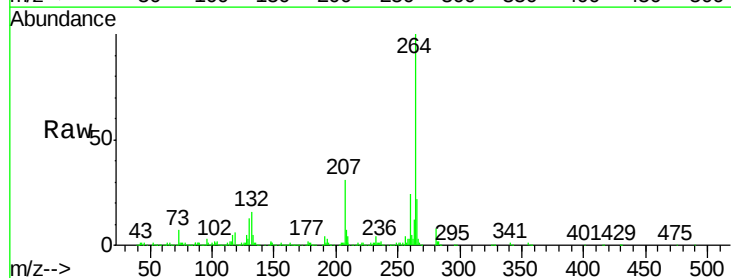
Tgt Ion:264 Resp: 690413

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.6 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

