

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017233.D
 Acq On : 19 Oct 2018 17:03
 Operator : MJ/SJ
 Sample : J5304-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CA-AQIDW-20181004

Quant Time: Oct 20 04:17:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

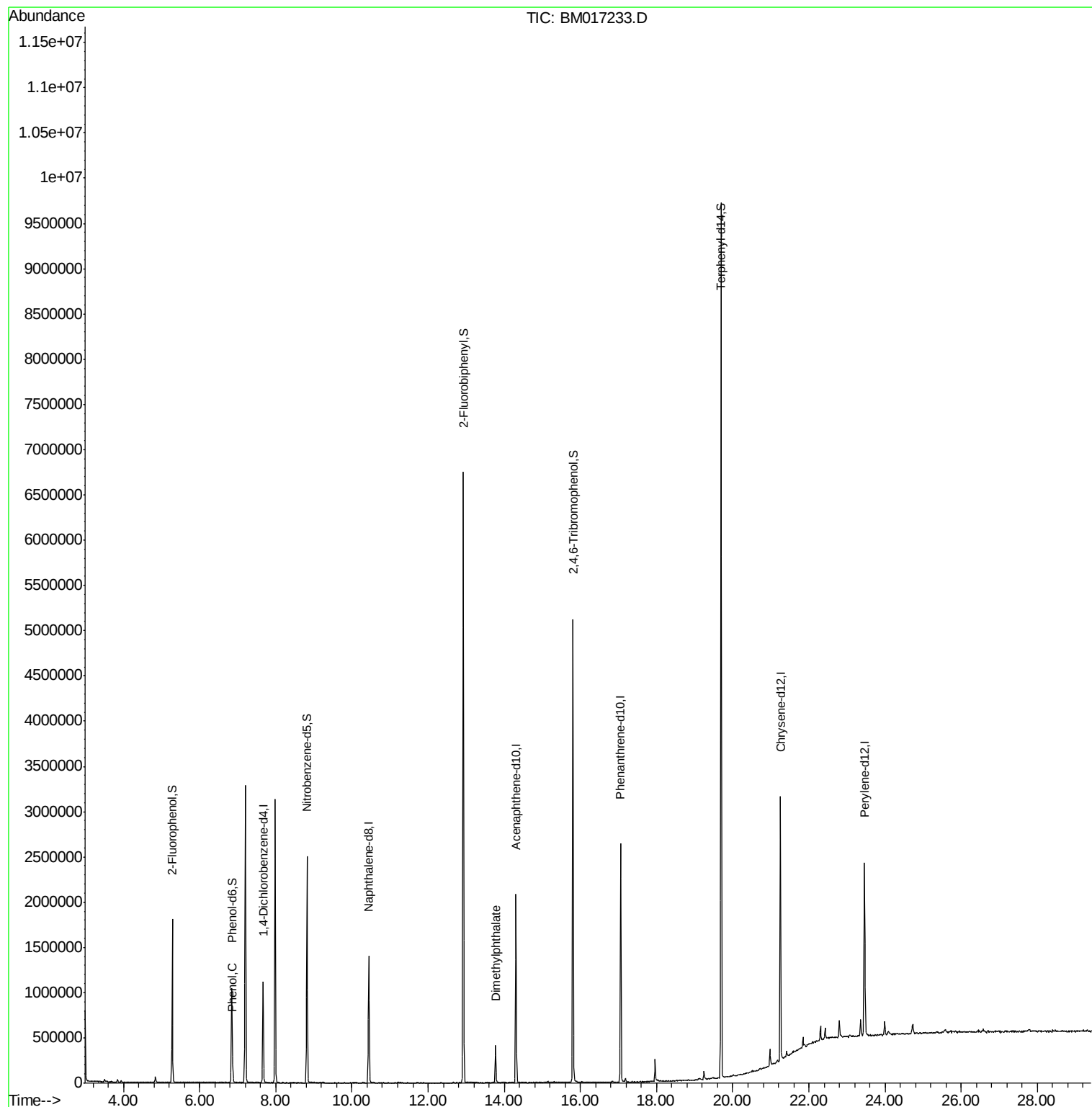
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	291583	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1162555	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	686484	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1514595	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1403602	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1354720	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	702097	40.73	ng	0.00
7) Phenol-d6	6.85	99	566321	24.12	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1410112	70.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	906749	97.67	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3464826	67.16	ng	-0.01
79) Terphenyl-d14	19.70	244	4547590	73.03	ng	0.00
Target Compounds						
10) Phenol	6.87	94	71540	2.831	ng	96
50) Dimethylphthalate	13.77	163	270822	5.113	ng	99

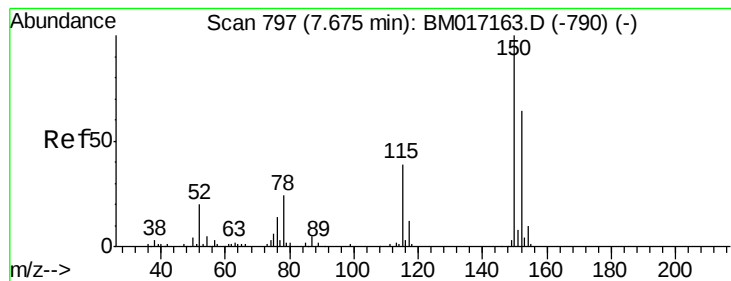
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.67 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM017233.D

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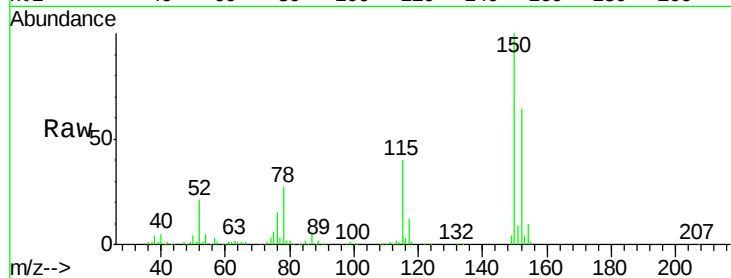
Tgt Ion:152 Resp: 291583

Ion Ratio Lower Upper

152 100

150 156.6 124.3 186.5

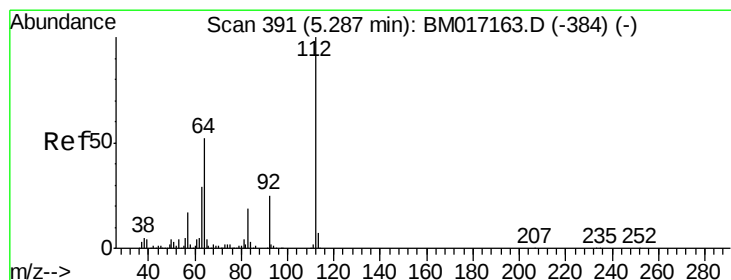
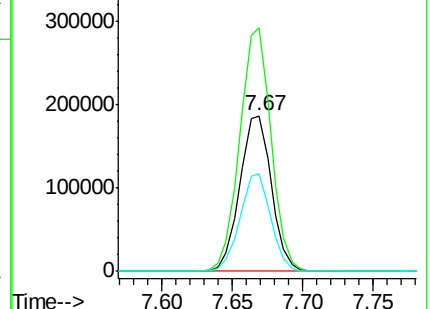
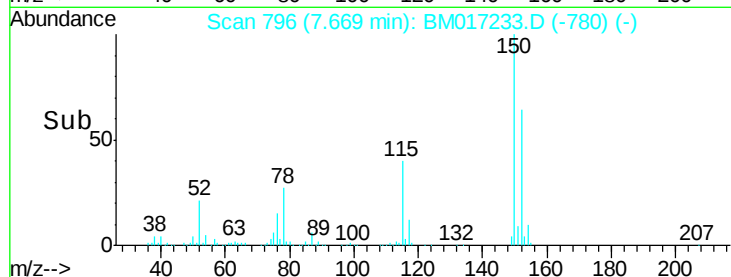
115 63.0 48.1 72.1



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: 40.725 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

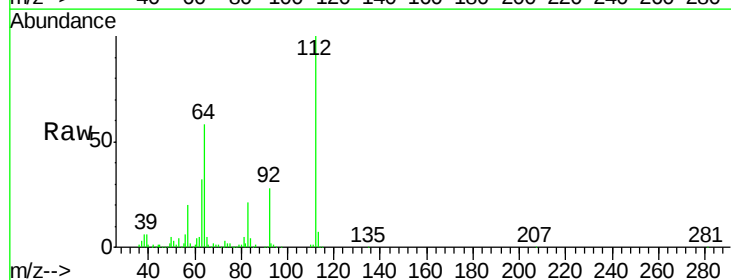
Tgt Ion:112 Resp: 702097

Ion Ratio Lower Upper

112 100

64 57.9 41.7 62.5

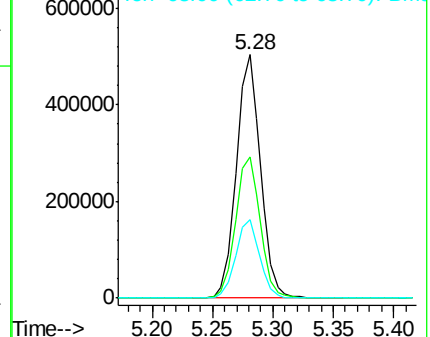
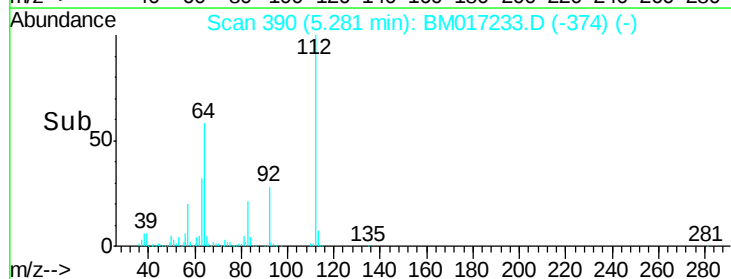
63 32.2 23.0 34.4

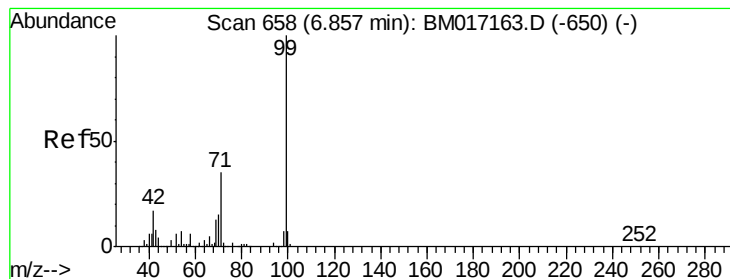


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 24.120 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

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CA-AQIDW-20181004

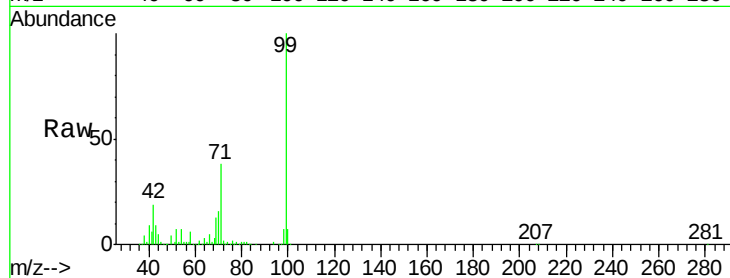
Tgt Ion: 99 Resp: 566321

Ion Ratio Lower Upper

99 100

42 18.9 13.3 19.9

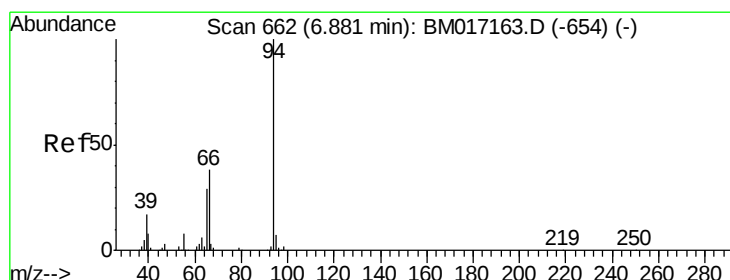
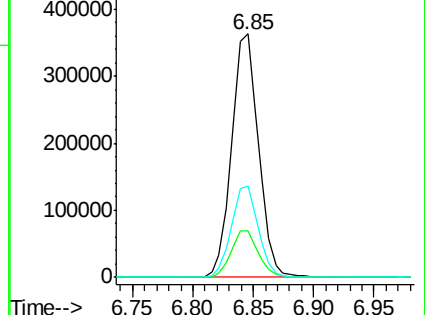
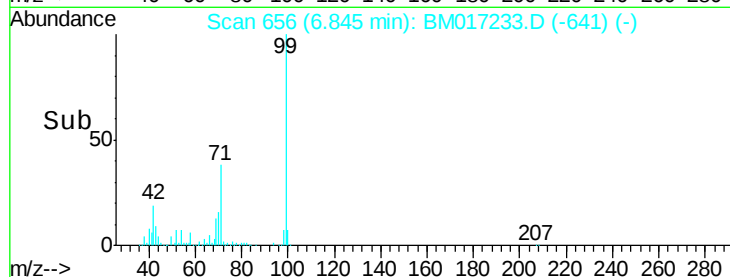
71 37.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017233.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017233.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017233.D (-641) (-)



#10

Phenol

Concen: 2.831 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

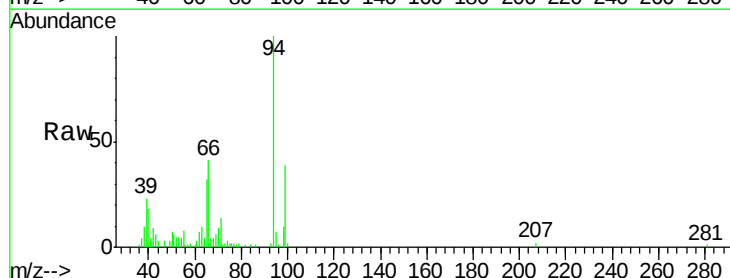
Tgt Ion: 94 Resp: 71540

Ion Ratio Lower Upper

94 100

65 31.7 9.4 49.4

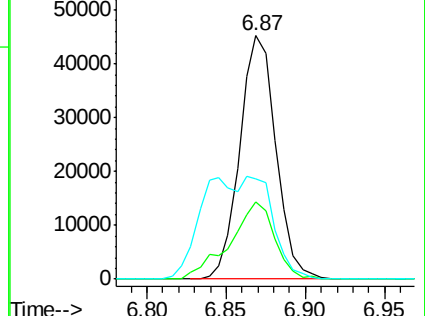
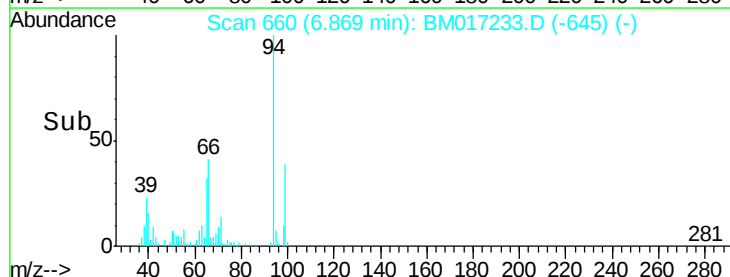
66 41.2 19.0 59.0

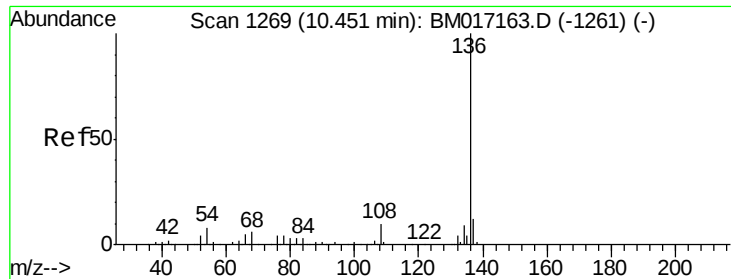


Abundance Ion 94.00 (93.70 to 94.70): BM017233.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017233.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017233.D (-645) (-)

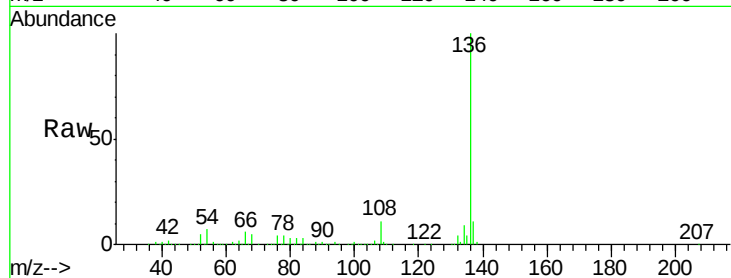




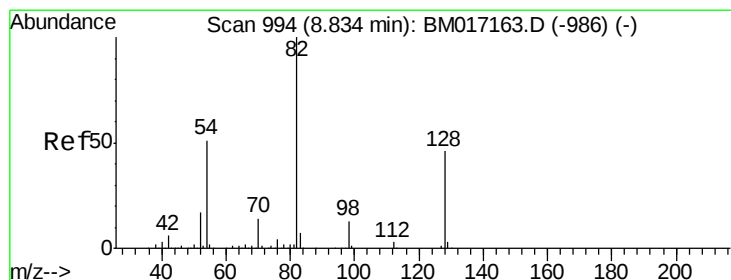
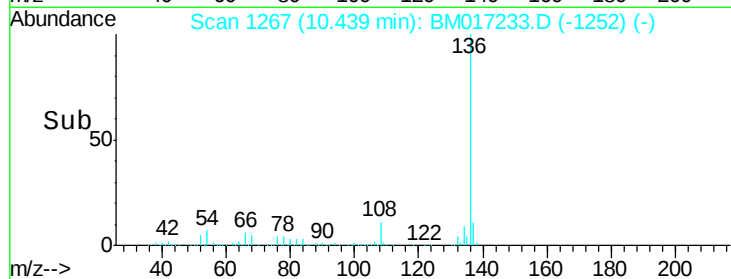
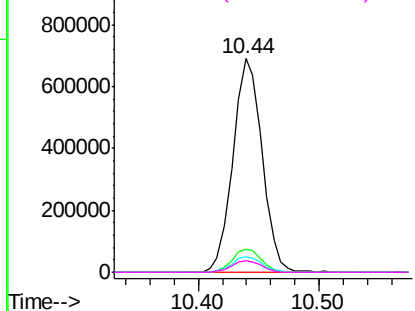
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Instrument :
BNA_M
ClientSampleId :
CA-AQIDW-20181004

Tgt Ion:136 Resp: 1162555
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.4 6.7 10.1
68 5.2 4.7 7.1

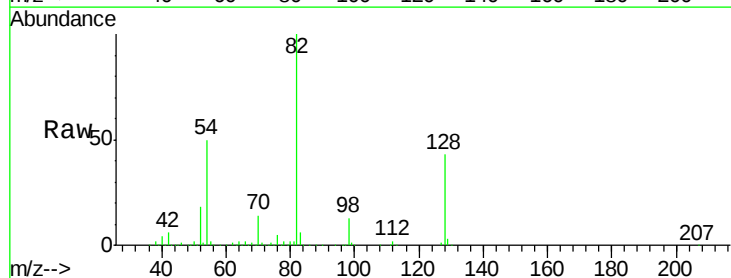


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

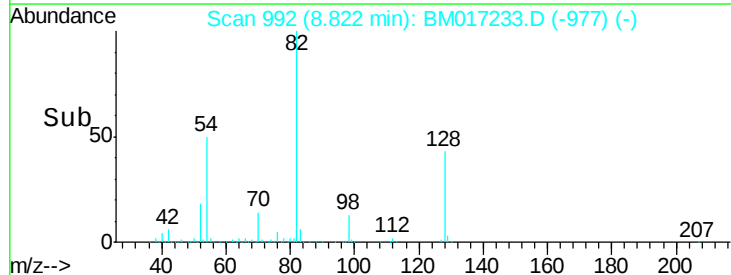
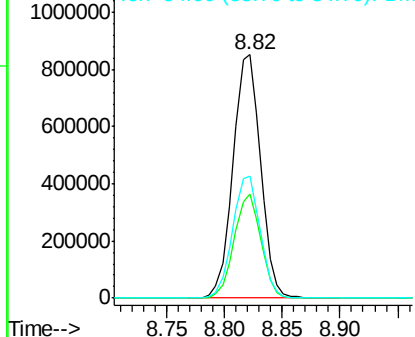


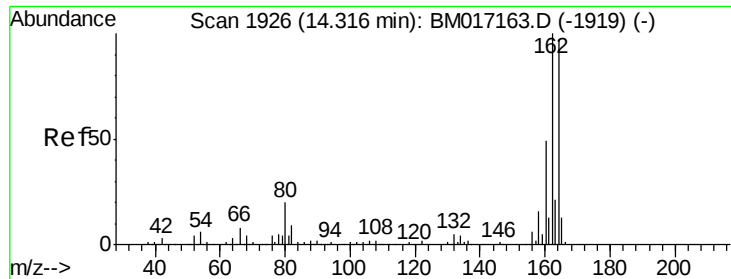
#23
Nitrobenzene-d5
Concen: 70.940 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017233.D
Acq: 19 Oct 2018 17:03

Tgt Ion: 82 Resp: 1410112
Ion Ratio Lower Upper
82 100
128 42.8 37.0 55.6
54 50.2 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

BNA_M

ClientSampleId :

CA-AQIDW-20181004

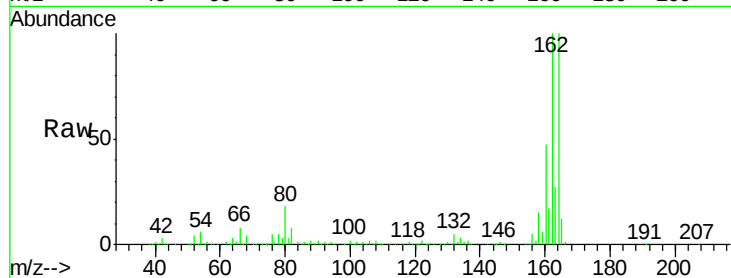
Tgt Ion:164 Resp: 686484

Ion Ratio Lower Upper

164 100

162 100.4 82.1 123.1

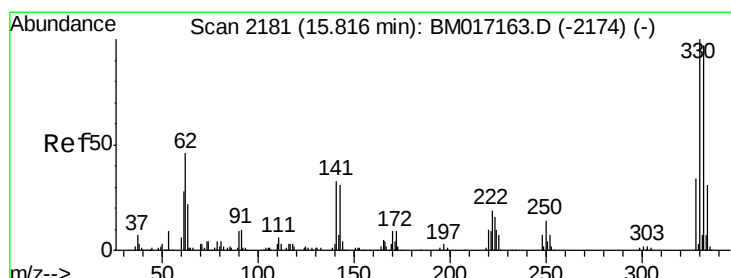
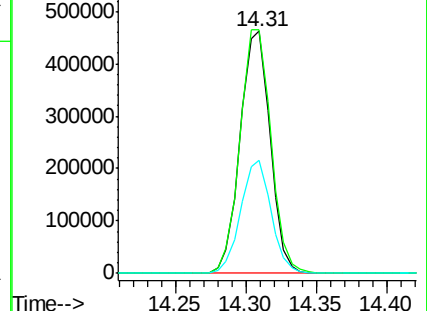
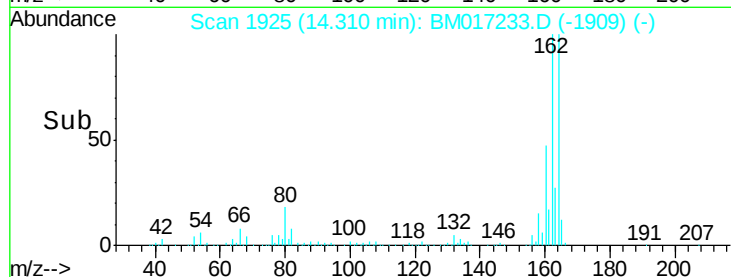
160 46.7 40.2 60.2



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



#42

2,4,6-Tribromophenol

Concen: 97.671 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

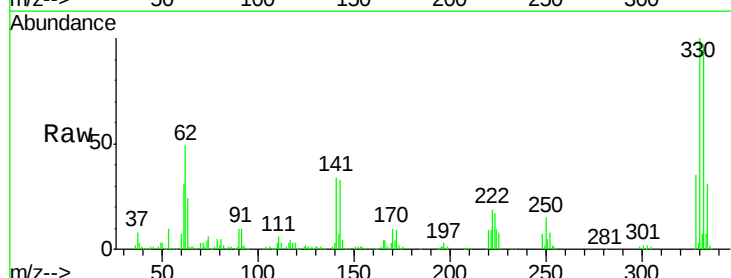
Tgt Ion:330 Resp: 906749

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

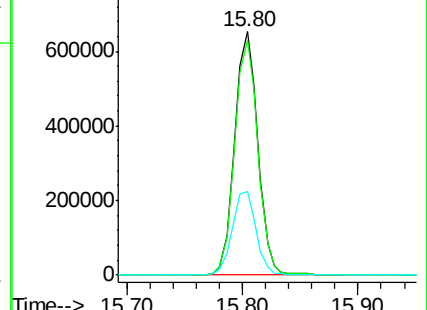
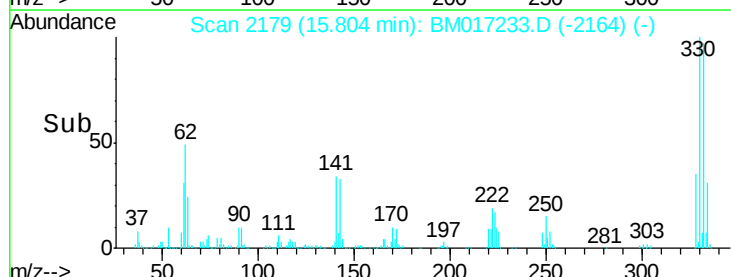
141 35.3 27.4 41.0

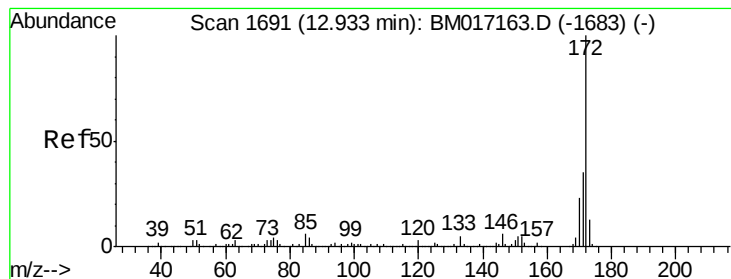


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 67.155 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

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ClientSampleId :

CA-AQIDW-20181004

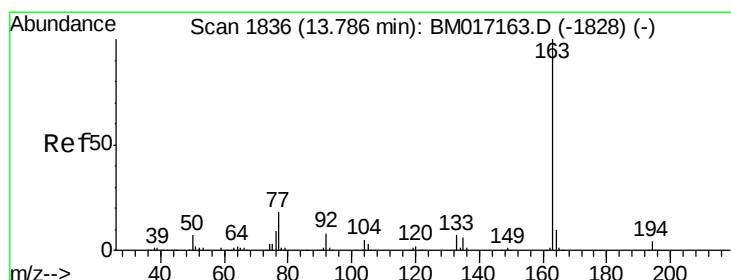
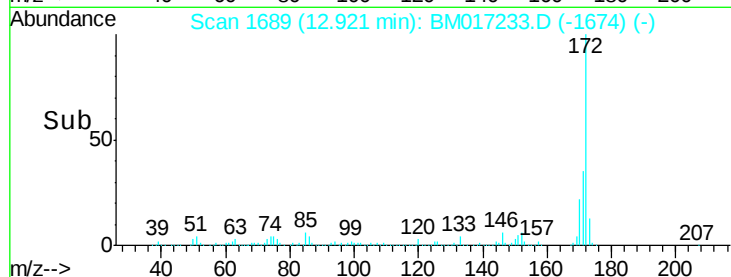
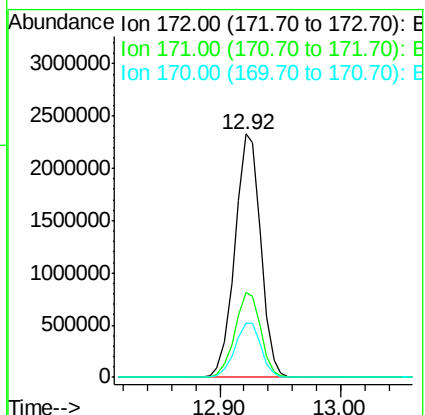
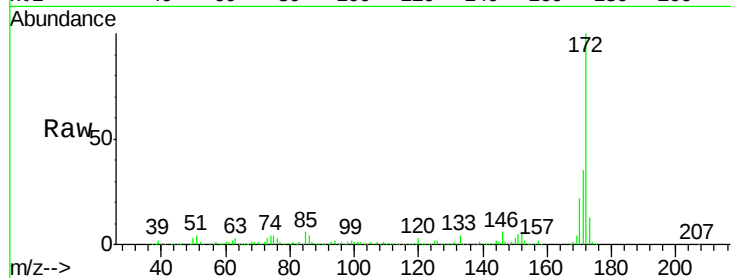
Tgt Ion:172 Resp: 3464826

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 22.4 18.3 27.5



#50

Dimethylphthalate

Concen: 5.113 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

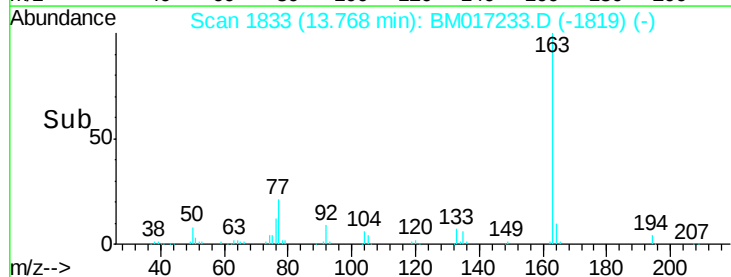
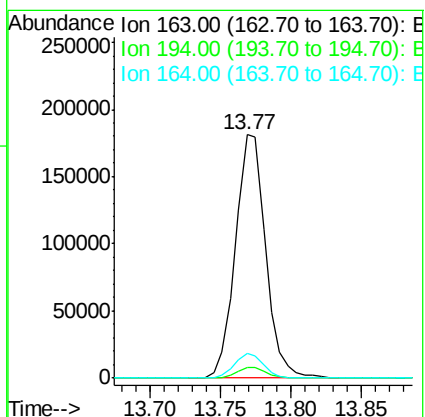
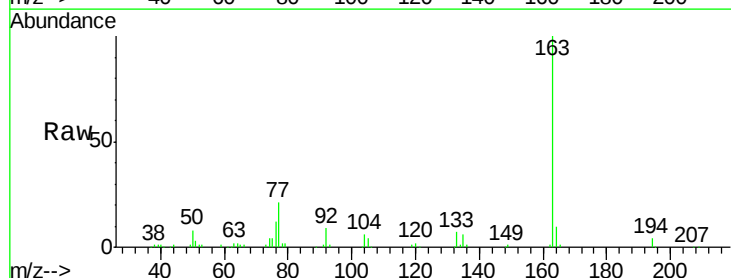
Tgt Ion:163 Resp: 270822

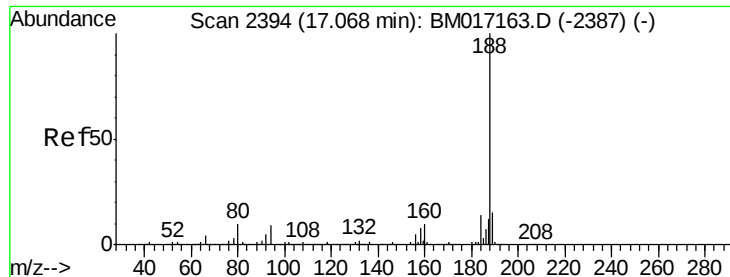
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

Instrument :

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CA-AQIDW-20181004

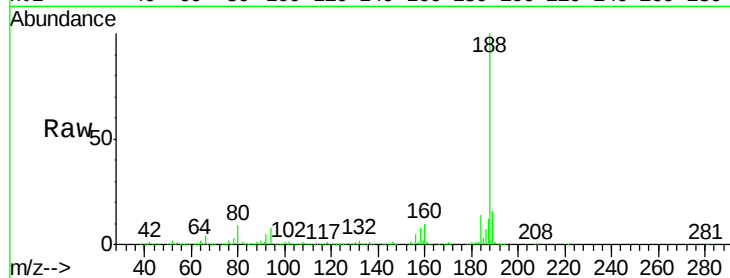
Tgt Ion:188 Resp: 1514595

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

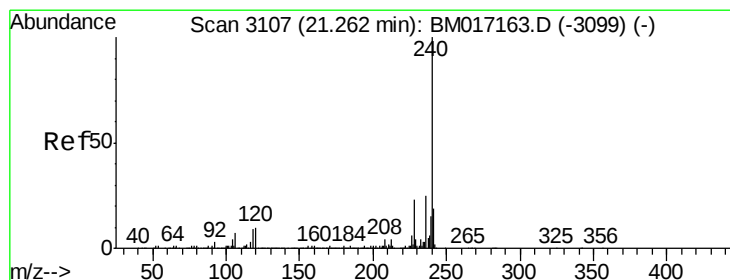
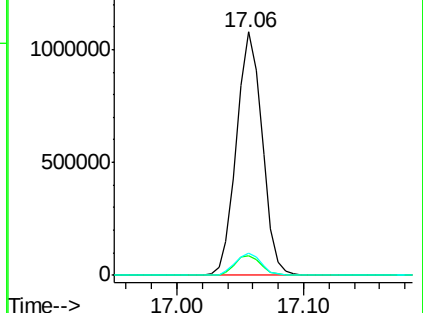
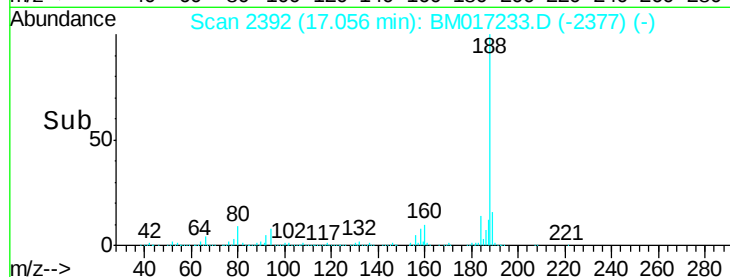
80 9.0 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

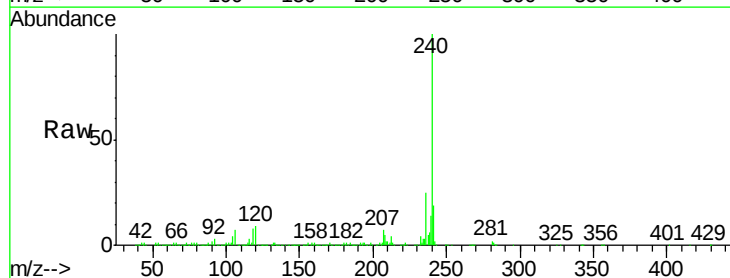
Tgt Ion:240 Resp: 1403602

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

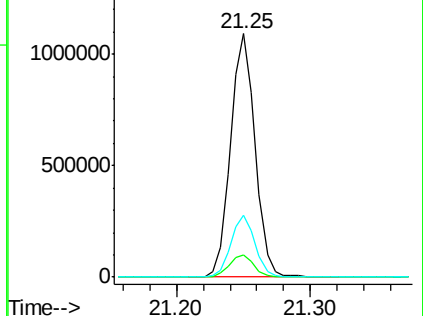
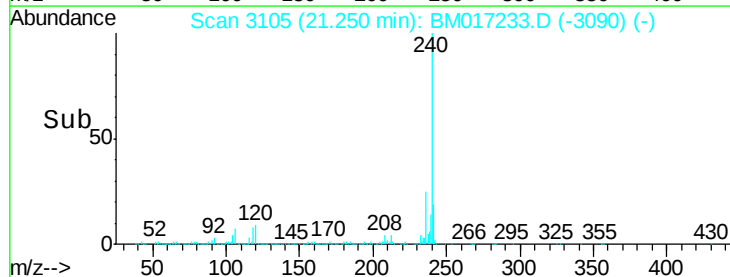
236 25.1 19.9 29.9

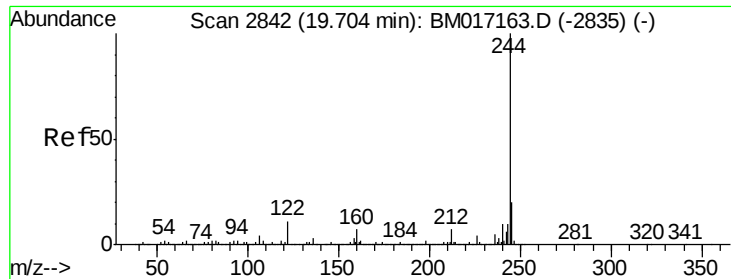


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.028 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

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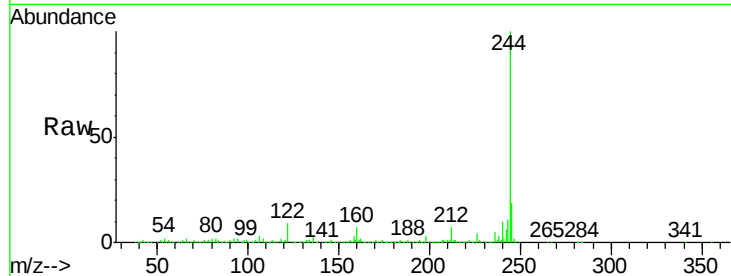
Tgt Ion:244 Resp: 4547590

Ion Ratio Lower Upper

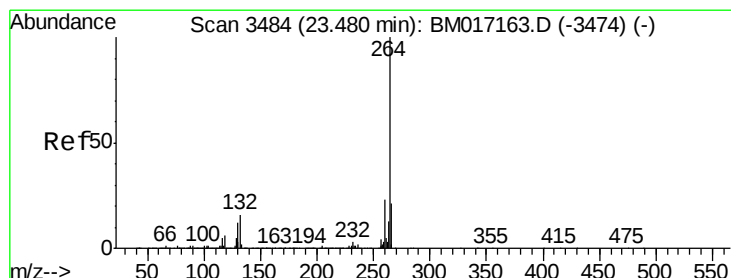
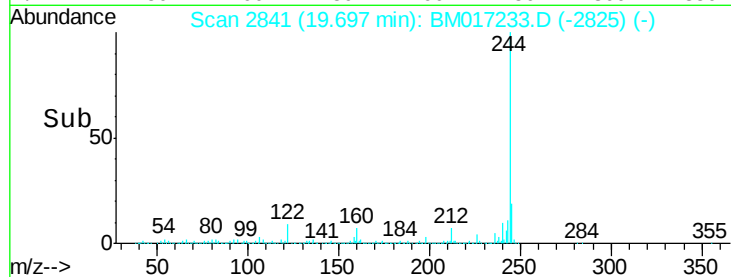
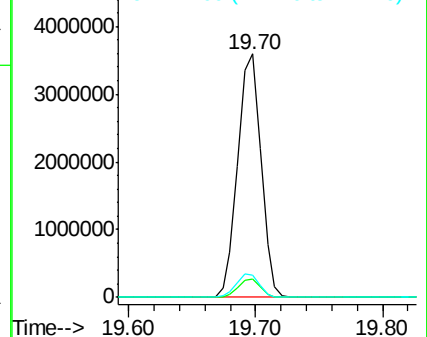
244 100

212 7.3 5.5 8.3

122 9.2 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017233.D

Acq: 19 Oct 2018 17:03

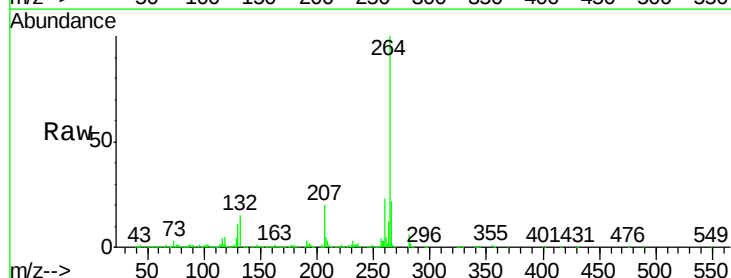
Tgt Ion:264 Resp: 1354720

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.3 17.8 26.8



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

