

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017307.D
 Acq On : 24 Oct 2018 08:32
 Operator : MJ/SJ
 Sample : J5623-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 101918-DBRI-E-U-B

Quant Time: Oct 24 09:19:48 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

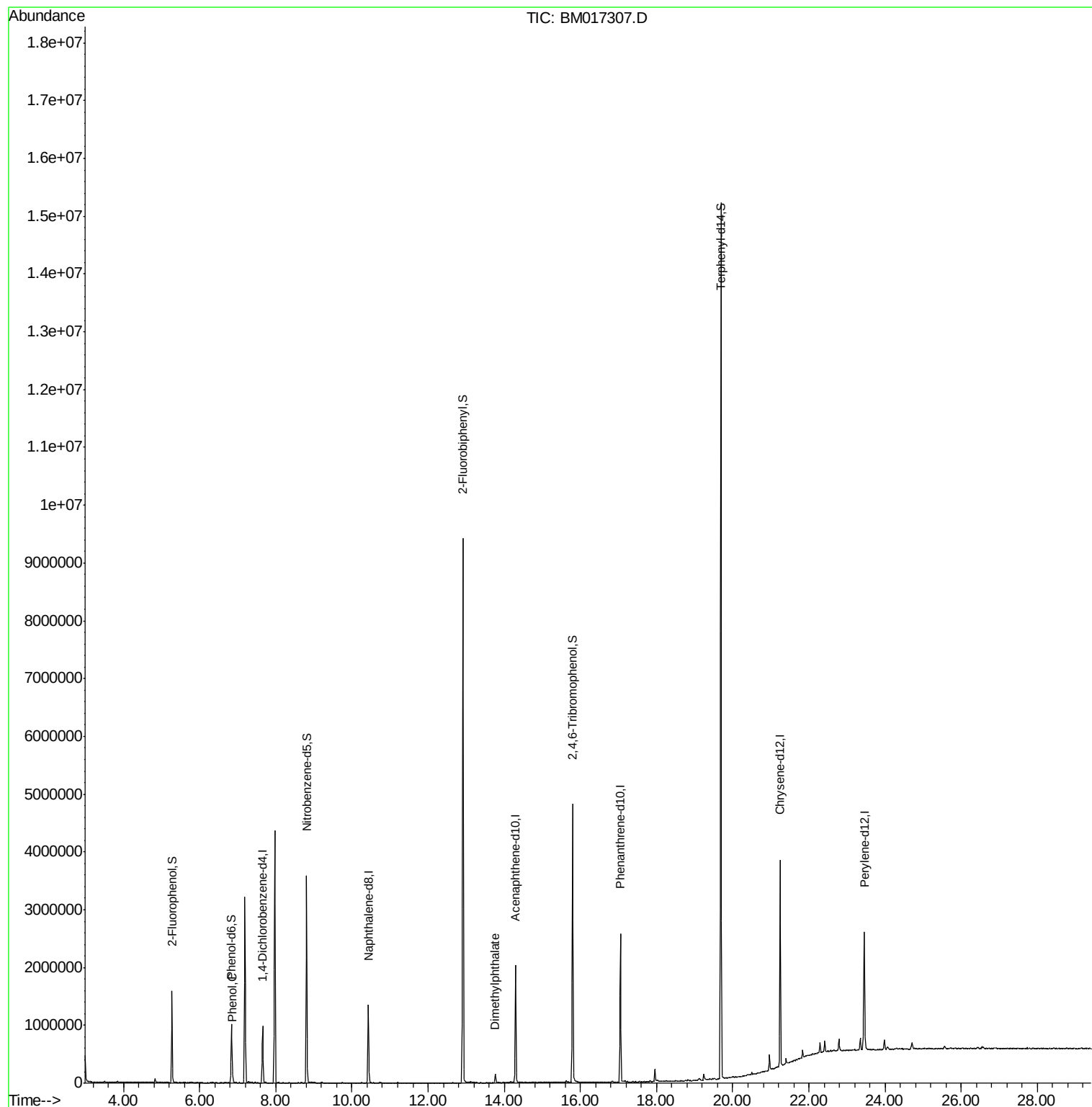
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	263456	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1110120	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	643801	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1514011	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1702308	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1481687	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	680873	43.71	ng	-0.01
7) Phenol-d6	6.84	99	583000	27.48	ng	-0.02
23) Nitrobenzene-d5	8.81	82	2031327	107.02	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	911594	104.70	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4932558	101.94	ng	-0.02
79) Terphenyl-d14	19.69	244	6838716	90.55	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	75202	3.294	ng	95
50) Dimethylphthalate	13.76	163	107457	2.163	ng	99

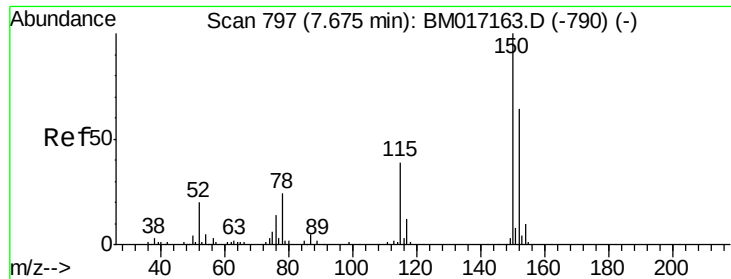
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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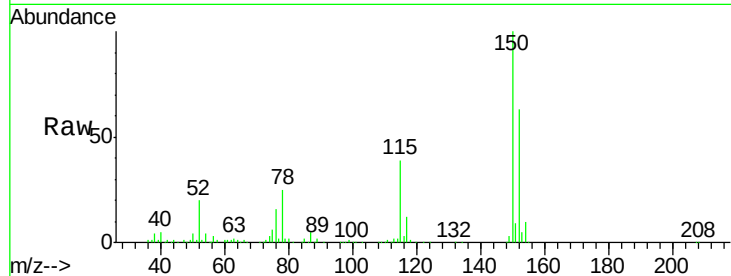


#1

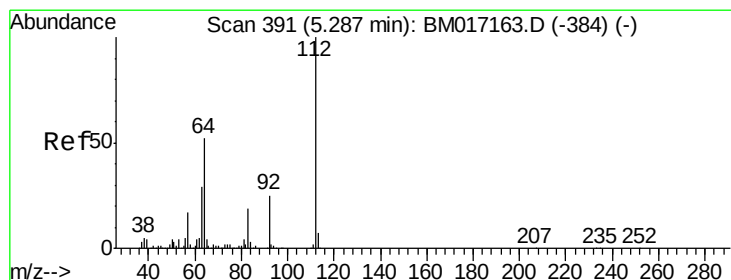
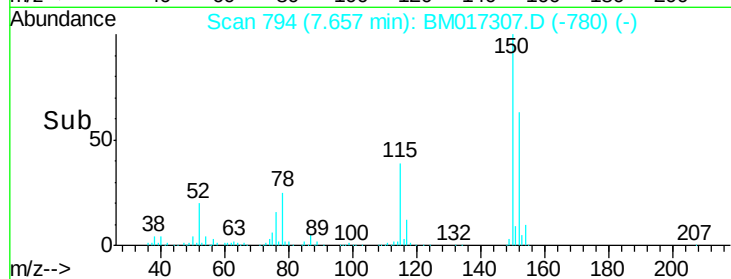
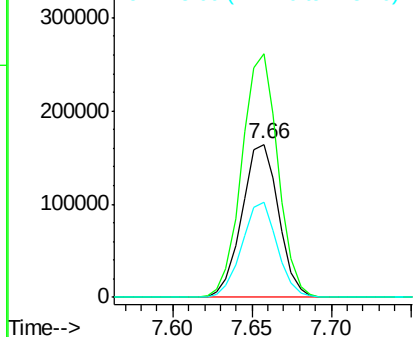
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

Instrument :
BNA_M
ClientSampleId :
101918-DBRI-E-U-B

Tgt Ion:152 Resp: 263456
Ion Ratio Lower Upper
152 100
150 158.9 124.3 186.5
115 61.7 48.1 72.1



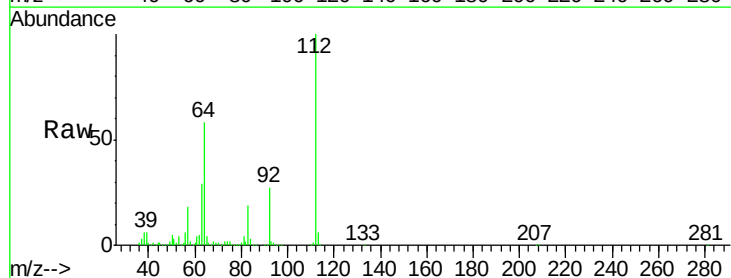
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



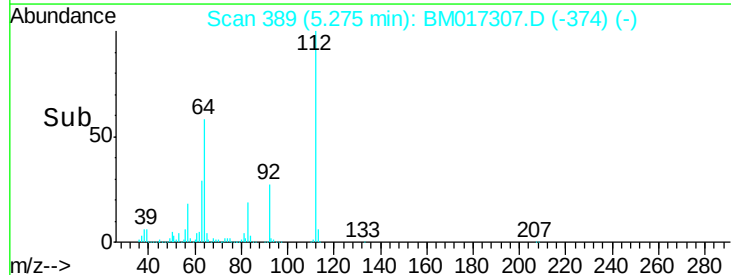
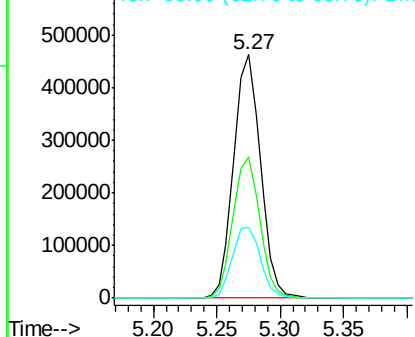
#5

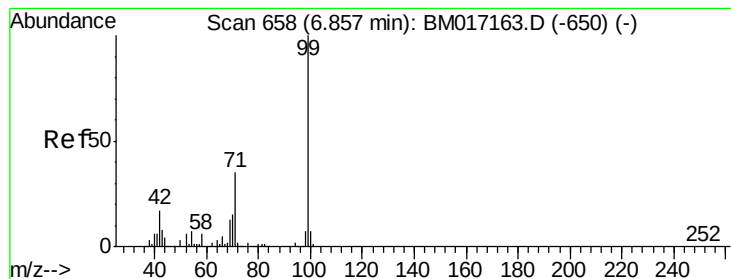
2-Fluorophenol
Concen: 43.711 ng
RT: 5.27 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

Tgt Ion:112 Resp: 680873
Ion Ratio Lower Upper
112 100
64 58.1 41.7 62.5
63 29.2 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: 27.481 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

101918-DBRI-E-U-B

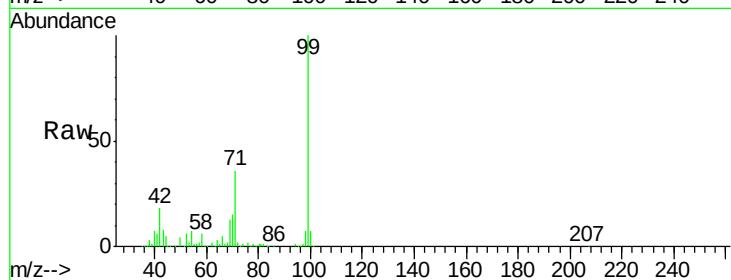
Tgt Ion: 99 Resp: 583000

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

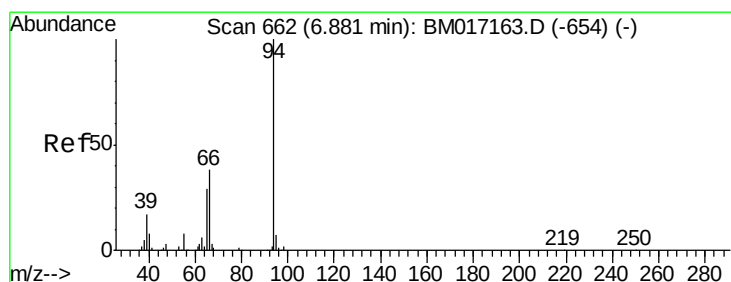
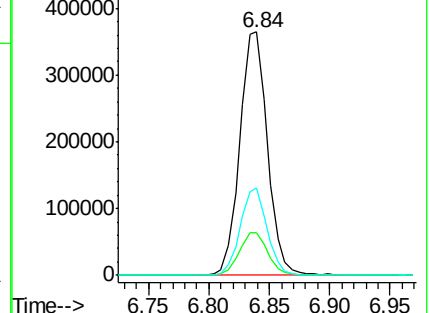
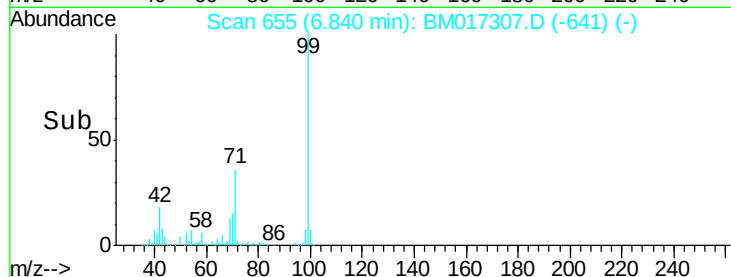
71 35.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017307.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017307.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017307.D (-641) (-)



#10

Phenol

Concen: 3.294 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

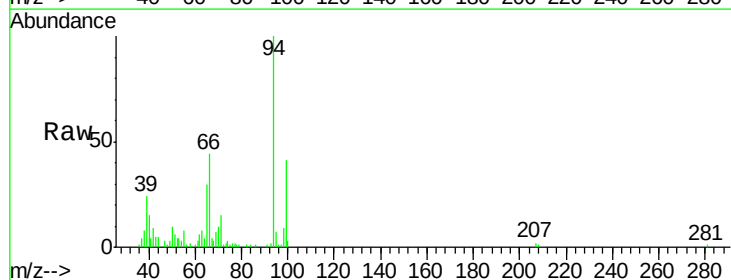
Tgt Ion: 94 Resp: 75202

Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

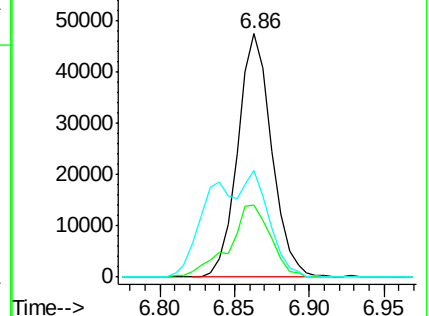
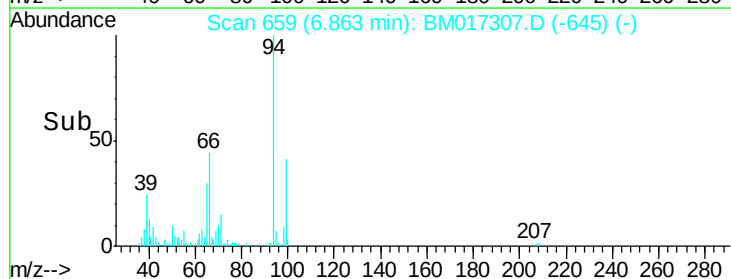
66 43.6 19.0 59.0

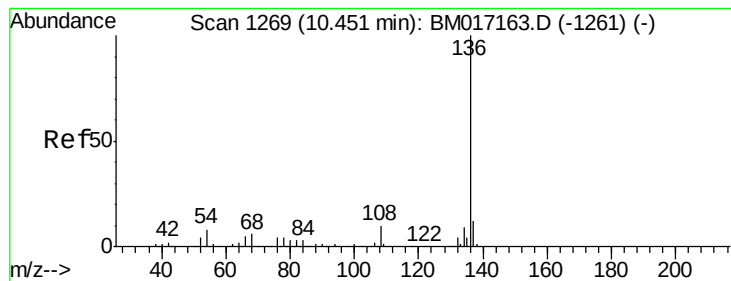


Abundance Ion 94.00 (93.70 to 94.70): BM017307.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017307.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017307.D (-645) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

101918-DBRI-E-U-B

Tgt Ion:136 Resp: 1110120

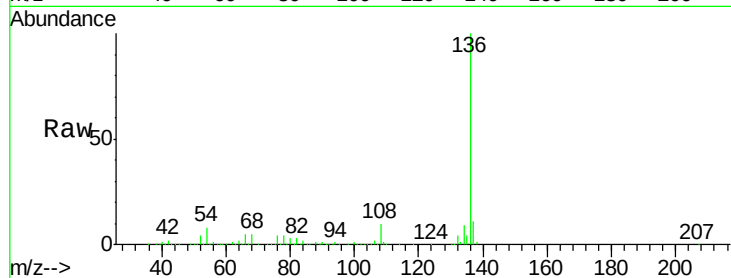
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.6 6.7 10.1

68 5.5 4.7 7.1

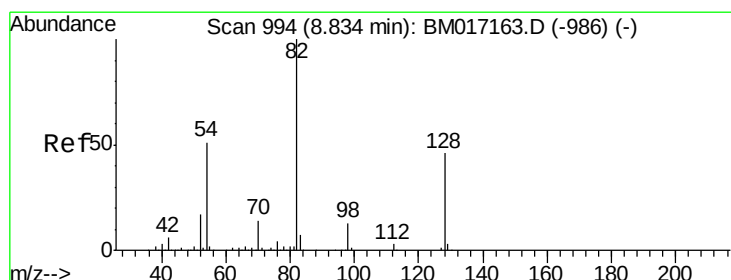
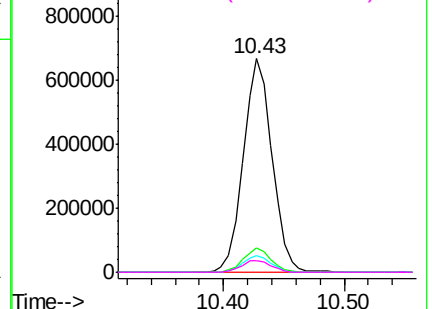
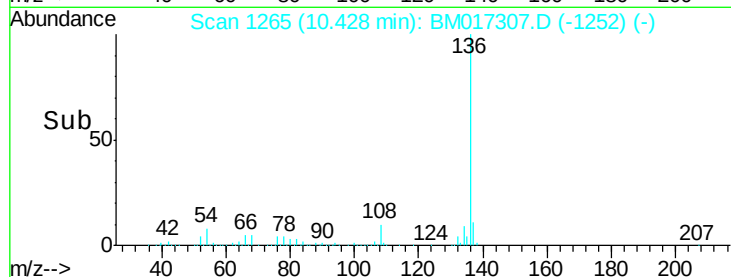


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.019 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

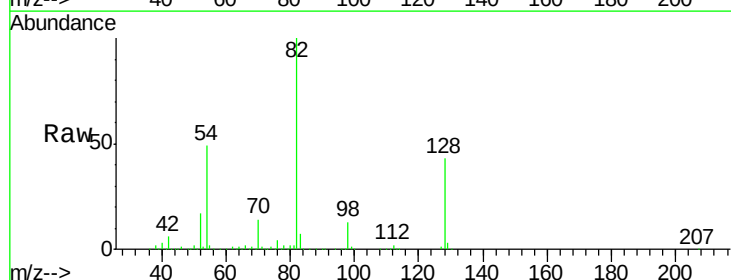
Tgt Ion: 82 Resp: 2031327

Ion Ratio Lower Upper

82 100

128 43.2 37.0 55.6

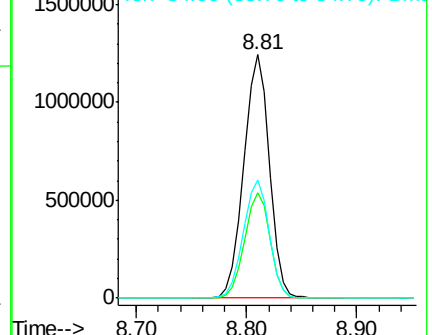
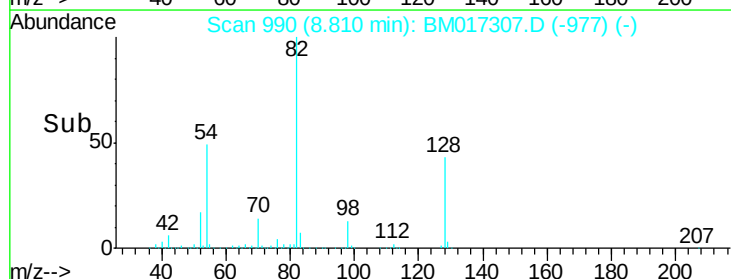
54 48.6 40.7 61.1

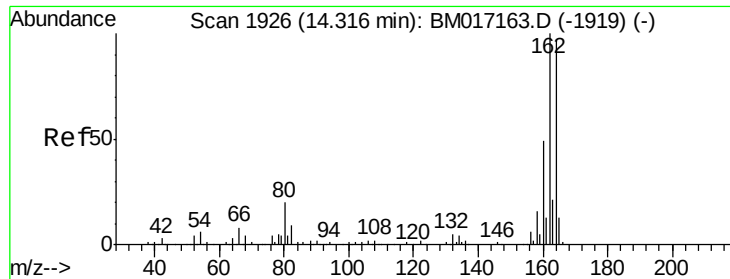


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

101918-DBRI-E-U-B

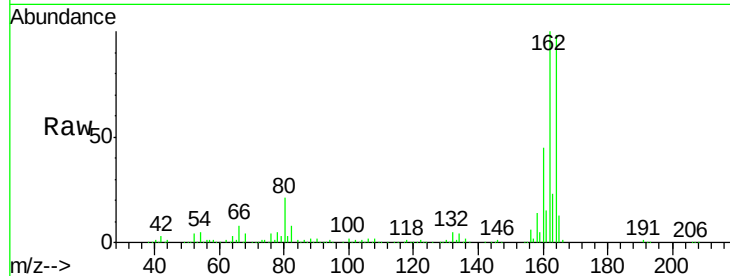
Tgt Ion:164 Resp: 643801

Ion Ratio Lower Upper

164 100

162 101.7 82.1 123.1

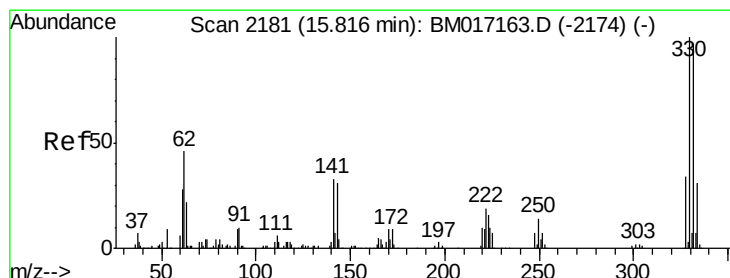
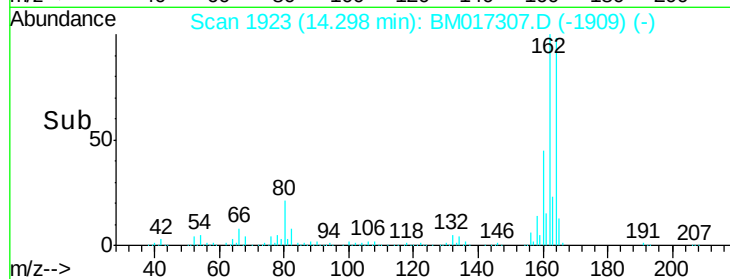
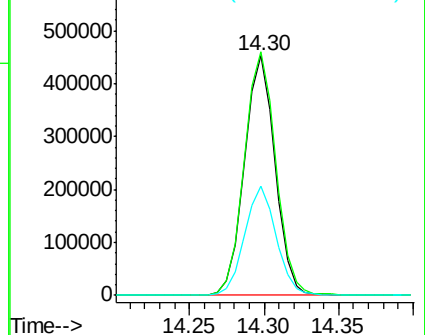
160 45.4 40.2 60.2



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: 104.703 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

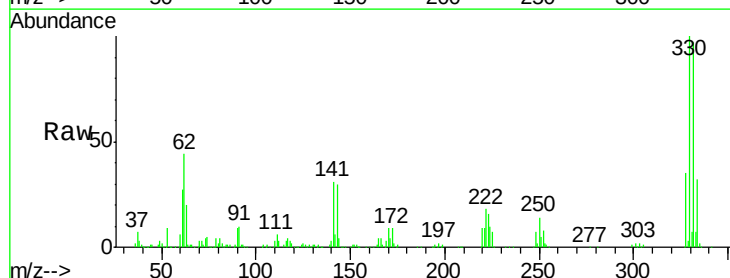
Tgt Ion:330 Resp: 911594

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

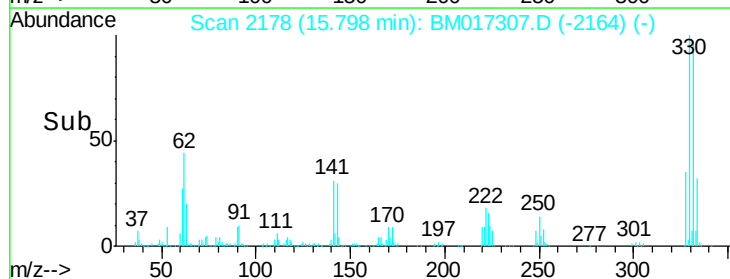
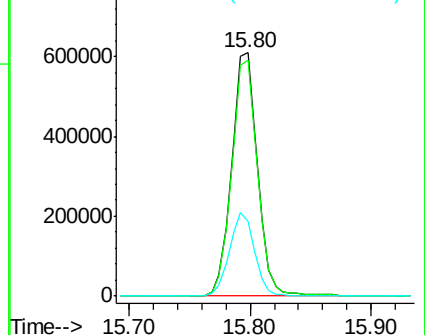
141 33.4 27.4 41.0

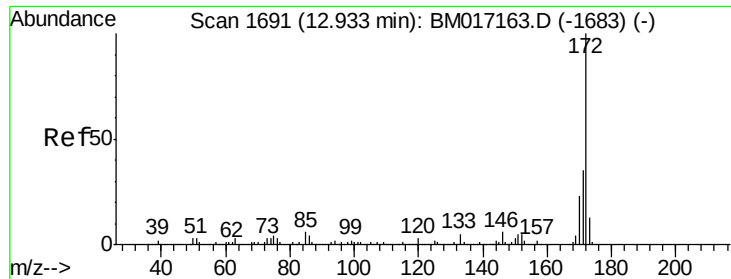


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

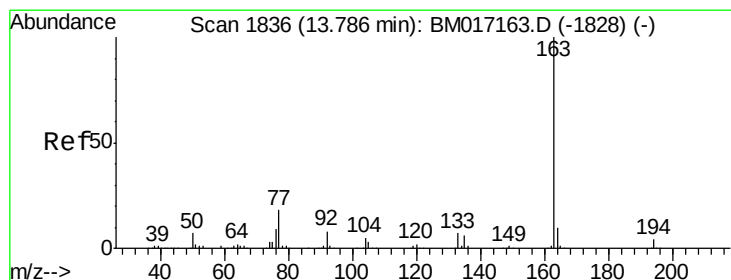
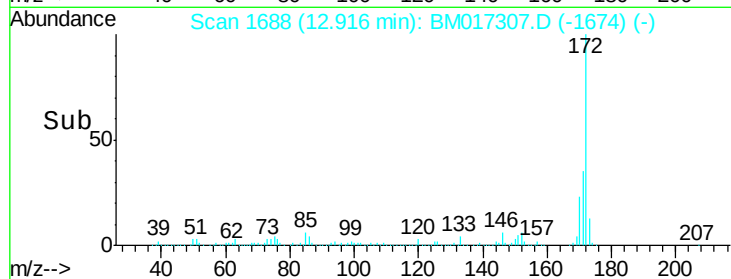
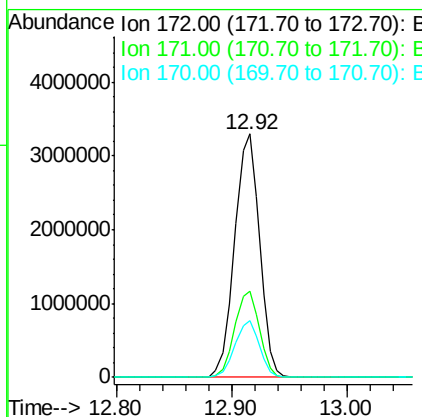
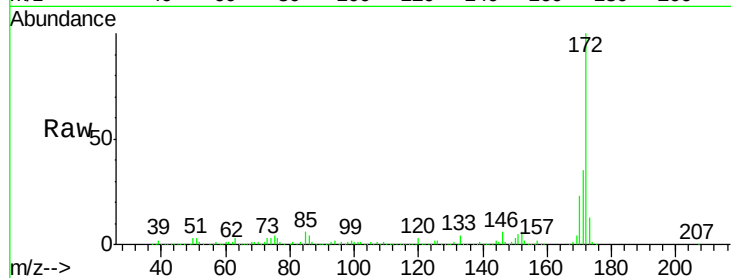




#45
 2-Fluorobiphenyl
 Concen: 101.941 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017307.D
 Acq: 24 Oct 2018 08:32

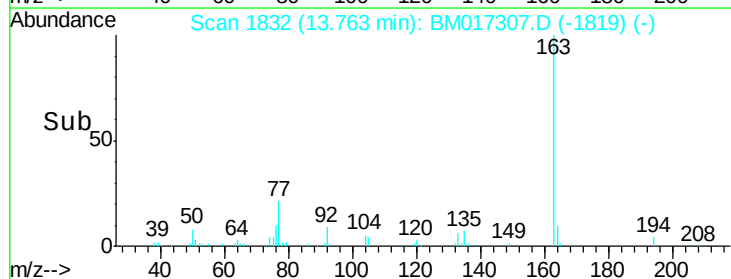
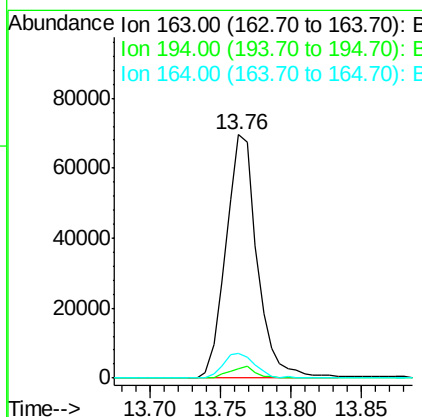
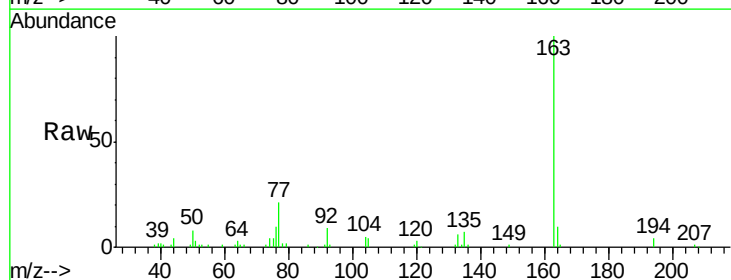
Instrument :
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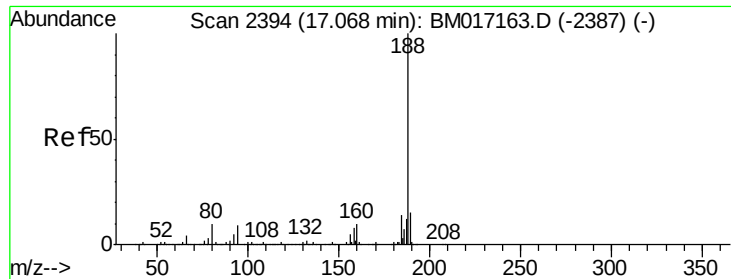
Tgt Ion:172 Resp: 4932558
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.3 18.3 27.5



#50
 Dimethylphthalate
 Concen: 2.163 ng
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BM017307.D
 Acq: 24 Oct 2018 08:32

Tgt Ion:163 Resp: 107457
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.3 4.9
 164 10.0 7.8 11.8

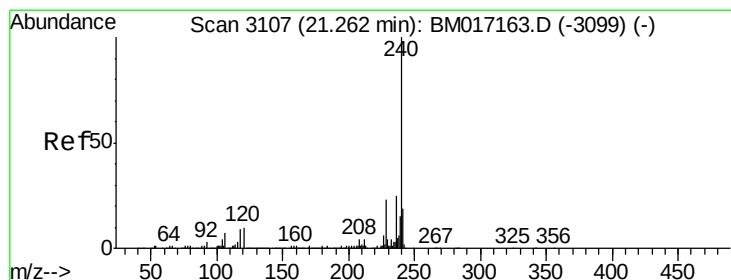
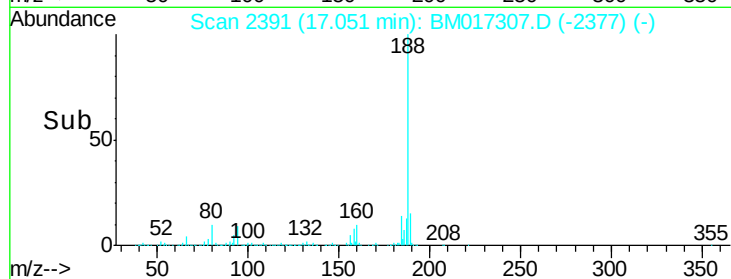
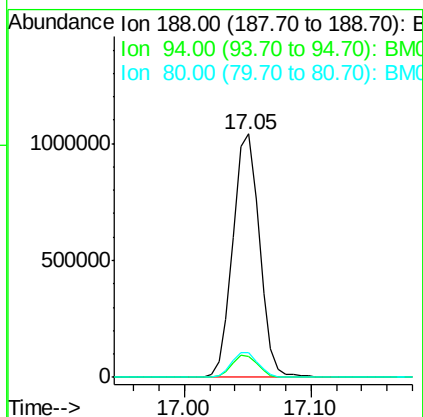
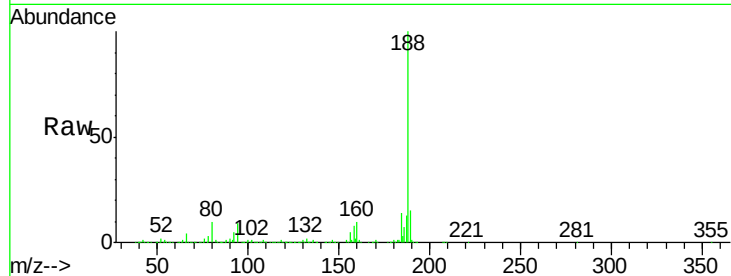




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

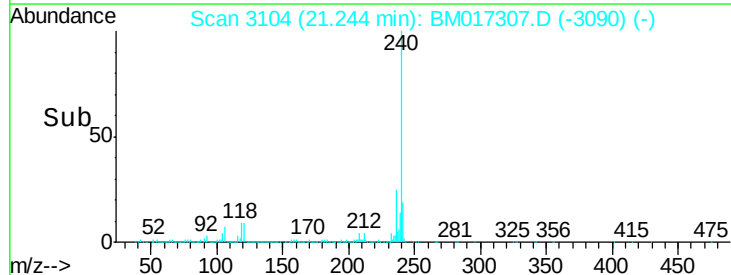
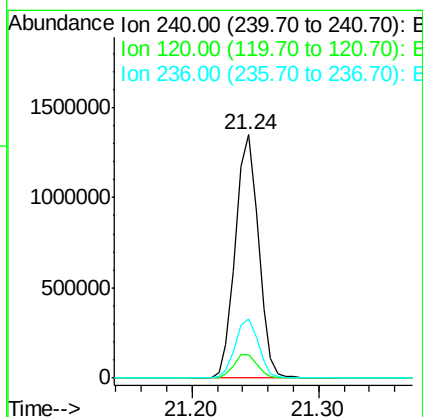
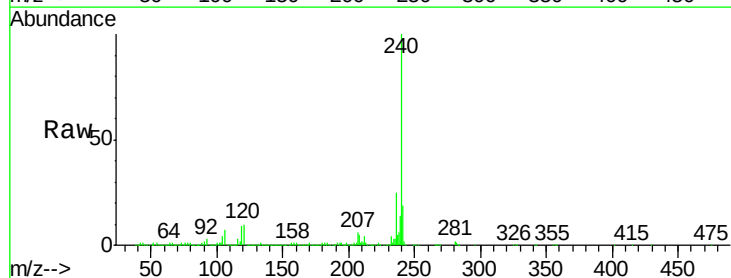
Instrument :
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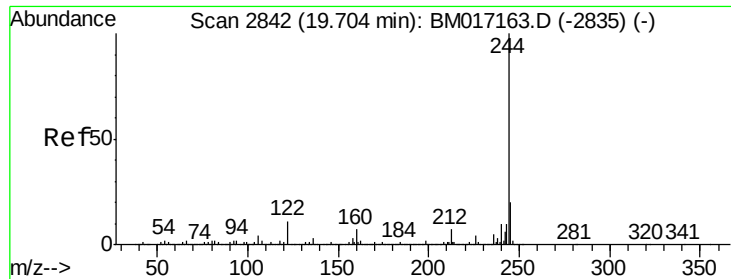
Tgt Ion:188 Resp: 1514011
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017307.D
Acq: 24 Oct 2018 08:32

Tgt Ion:240 Resp: 1702308
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 24.5 19.9 29.9





#79

Terphenyl-d14

Concen: 90.550 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

101918-DBRI-E-U-B

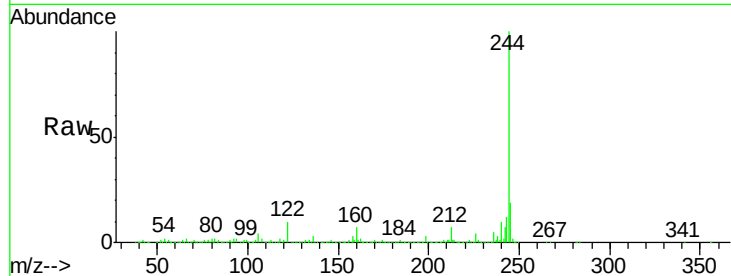
Tgt Ion:244 Resp: 6838716

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

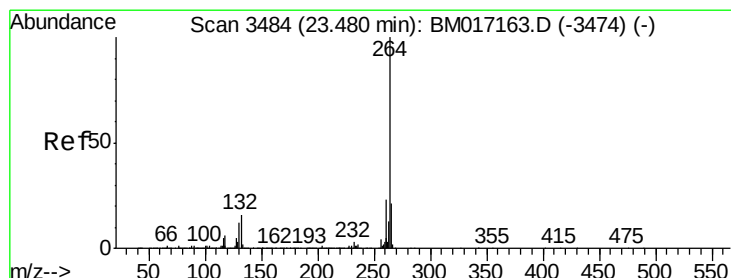
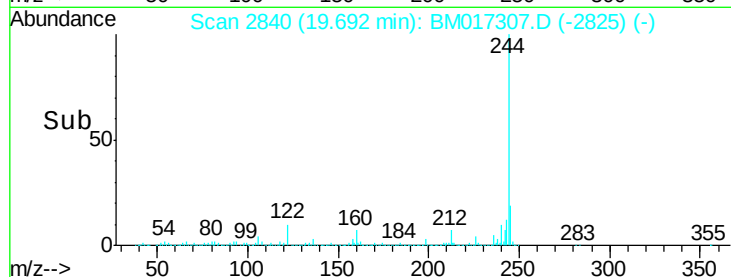
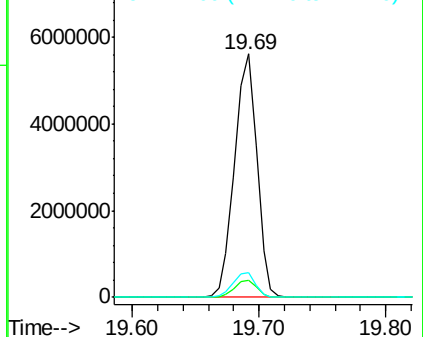
122 10.1 8.4 12.6



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# 3480

Delta R.T. -0.02 min

Lab File: BM017307.D

Acq: 24 Oct 2018 08:32

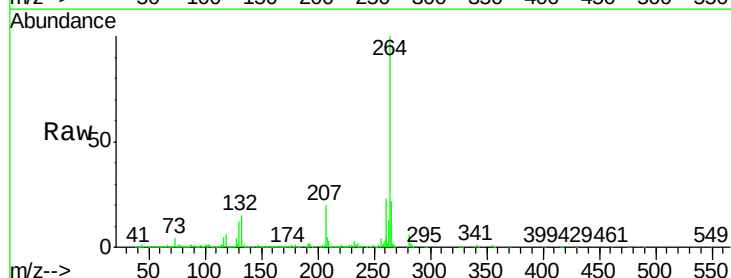
Tgt Ion:264 Resp: 1481687

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.8 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

