

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018259.D
 Acq On : 17 Dec 2018 22:30
 Operator : JU/SJ
 Sample : PB115777BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BL

Quant Time: Dec 18 00:53:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	121248	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	422819	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	205271	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	362054	20.00	ng	0.00
76) Chrysene-d12	21.14	240	373865	20.00	ng	0.00
87) Perylene-d12	23.30	264	432173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	539172	74.28	ng	0.00
7) Phenol-d6	6.69	99	675787	66.99	ng	-0.01
23) Nitrobenzene-d5	8.65	82	640211	77.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	169441	56.24	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1225628	77.34	ng	-0.01
79) Terphenyl-d14	19.57	244	1138590	68.88	ng	0.00

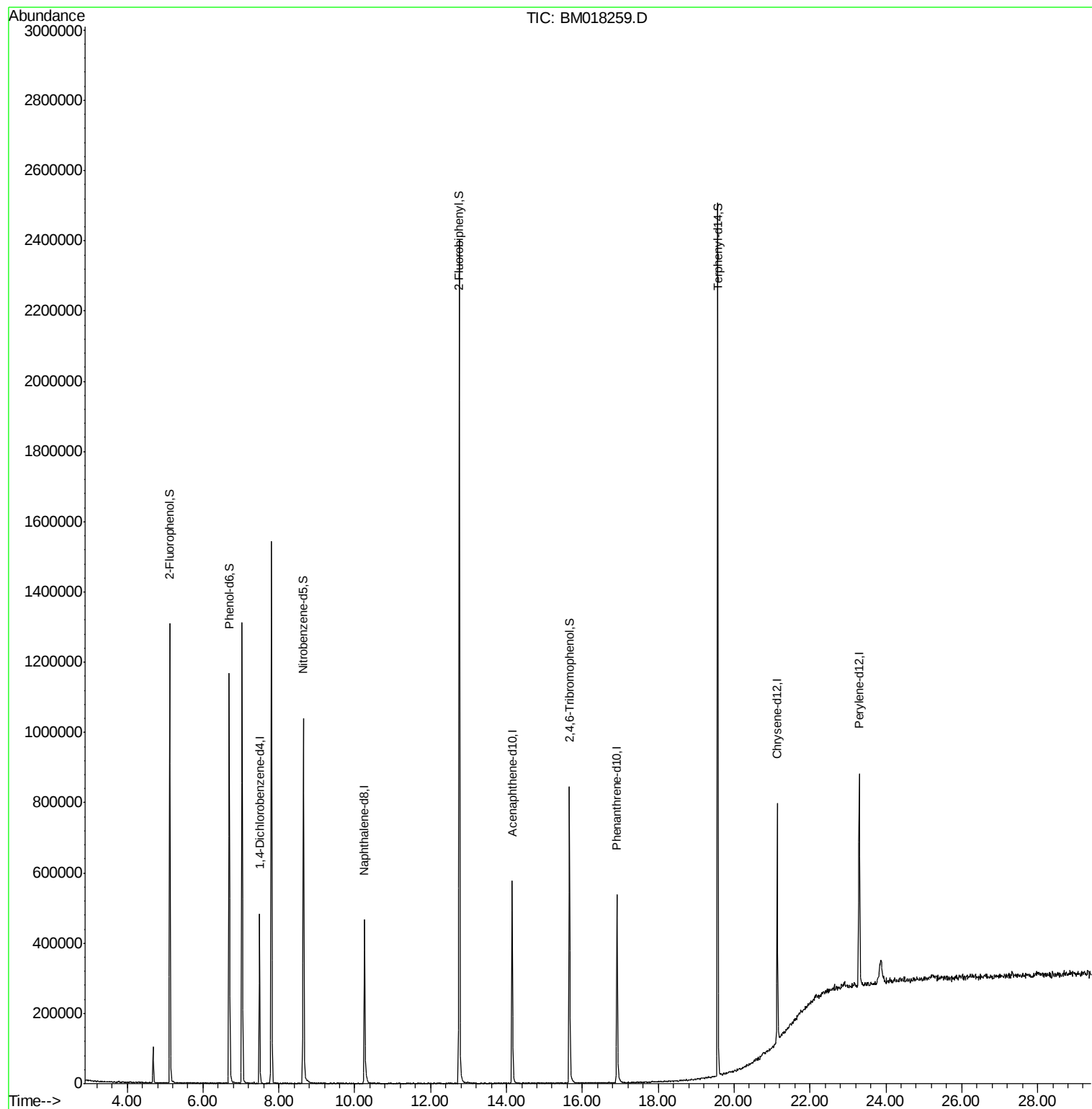
Target Compounds	Qvalue
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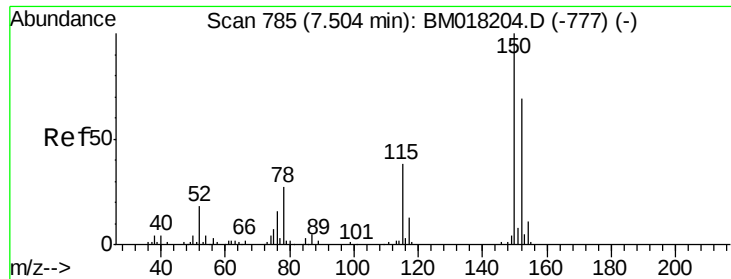
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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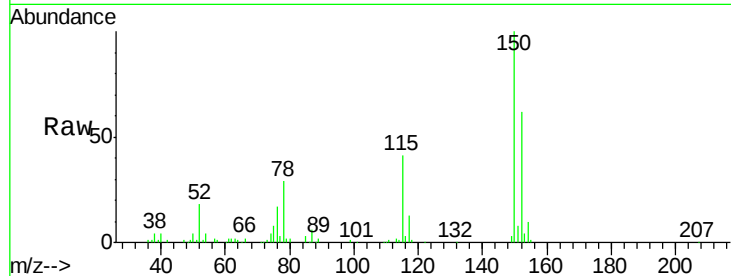


#1

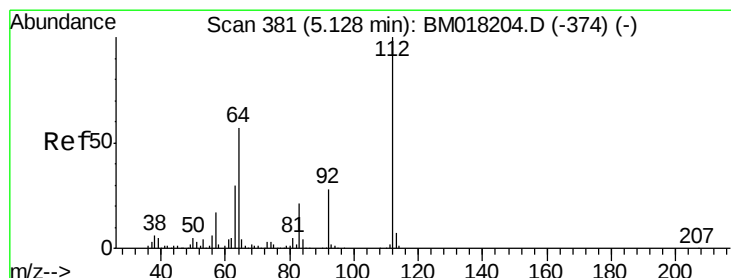
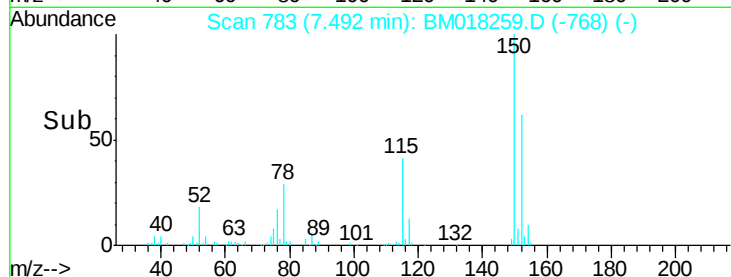
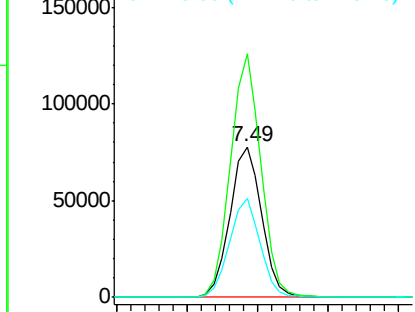
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018259.D
Acq: 17 Dec 2018 22:30

Instrument :
BNA_M
ClientSampleId :
PB115777BL

Tgt Ion:152 Resp: 121248
Ion Ratio Lower Upper
152 100
150 161.6 116.1 174.1
115 65.8 44.6 67.0



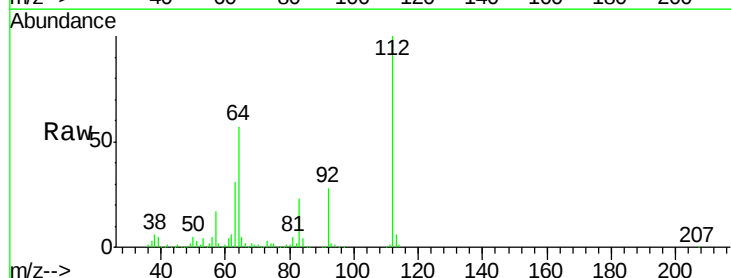
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



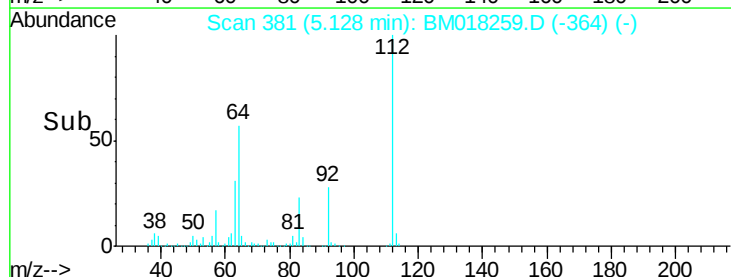
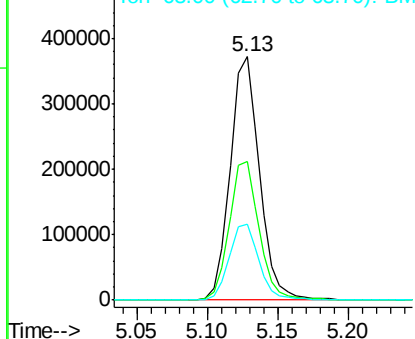
#5

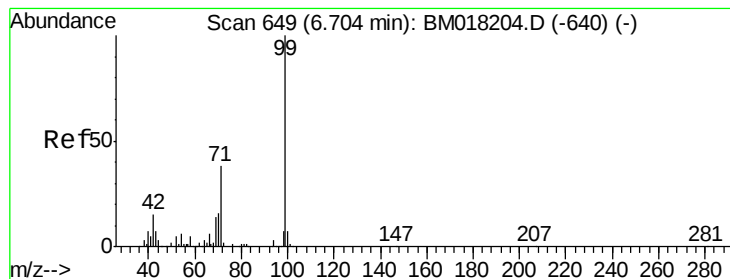
2-Fluorophenol
Concen: 74.284 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018259.D
Acq: 17 Dec 2018 22:30

Tgt Ion:112 Resp: 539172
Ion Ratio Lower Upper
112 100
64 56.8 45.4 68.2
63 31.2 24.0 36.0



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: 66.987 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018259.D

Acq: 17 Dec 2018 22:30

Instrument :

BNA_M

ClientSampleId :

PB115777BL

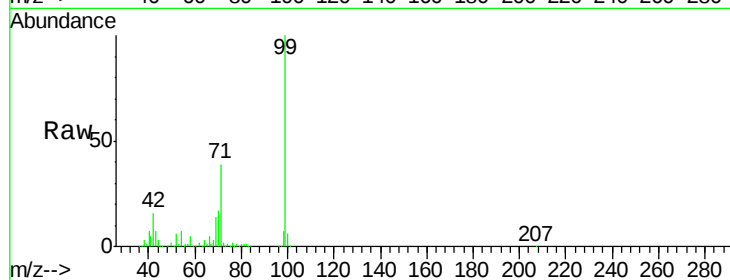
Tgt Ion: 99 Resp: 675787

Ion Ratio Lower Upper

99 100

42 15.8 12.3 18.5

71 38.9 30.2 45.2

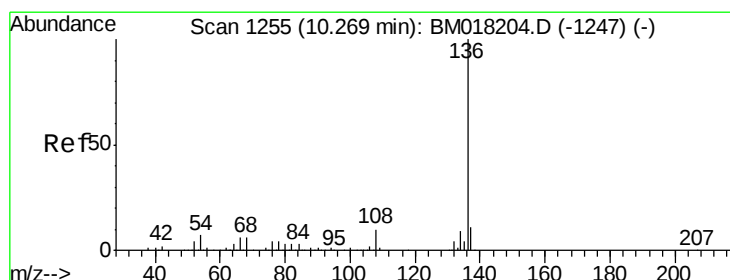
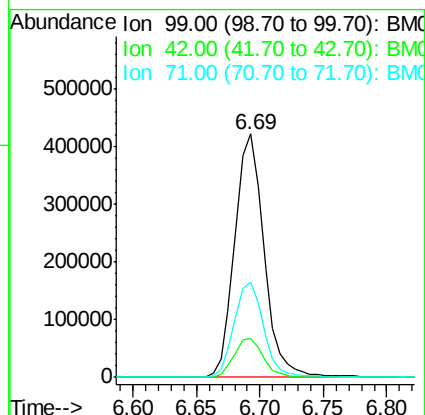
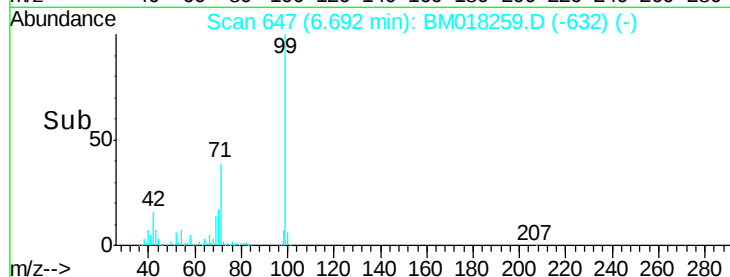


Abundance Ion 99.00 (98.70 to 99.70): BM018259.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018259.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018259.D (-632) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM018259.D

Acq: 17 Dec 2018 22:30

Tgt Ion: 136 Resp: 422819

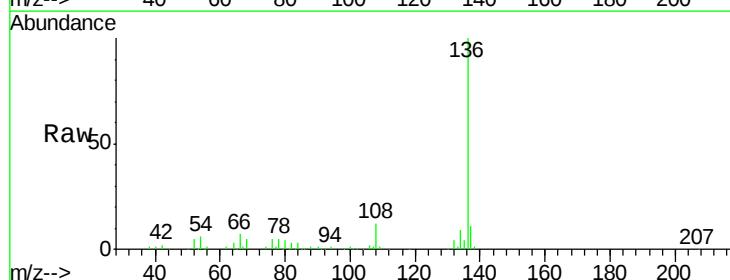
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.0 5.2 7.8

68 5.2 5.0 7.6



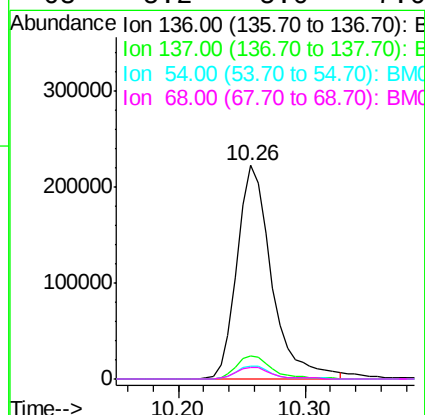
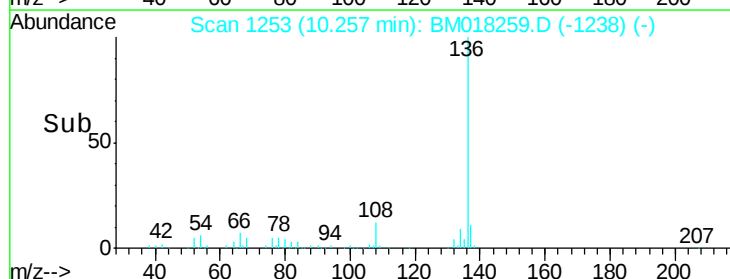
Abundance Ion 136.00 (135.70 to 136.70): BM018259.D (-1238) (-)

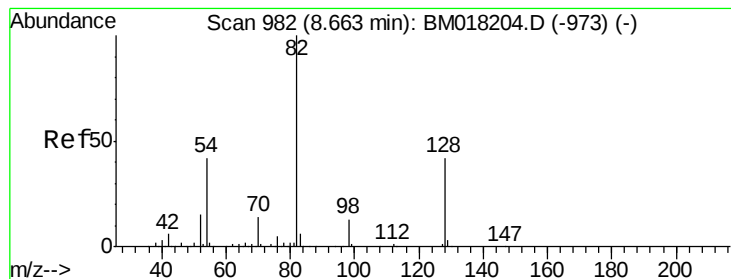
Ion 137.00 (136.70 to 137.70): BM018259.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM018259.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM018259.D (-1238) (-)

Time-->





#23

Nitrobenzene-d5

Concen: 77.666 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM018259.D

Acq: 17 Dec 2018 22:30

Instrument :

BNA_M

ClientSampleId :

PB115777BL

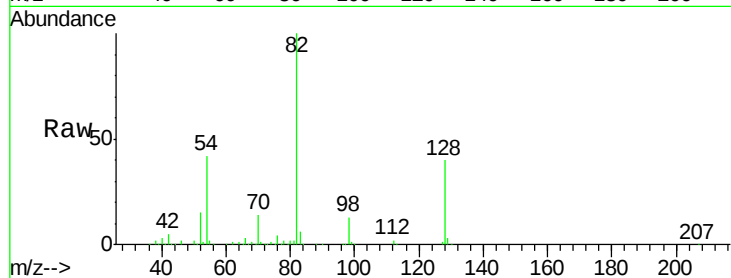
Tgt Ion: 82 Resp: 640211

Ion Ratio Lower Upper

82 100

128 40.4 33.4 50.2

54 41.7 33.4 50.2

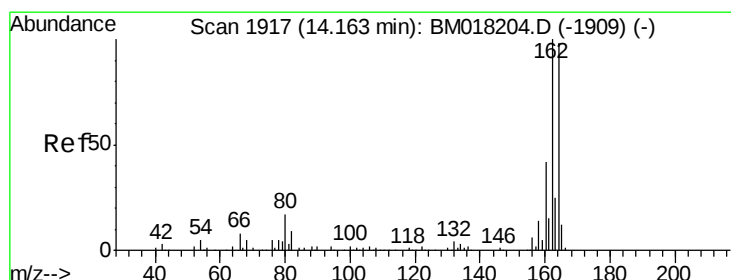
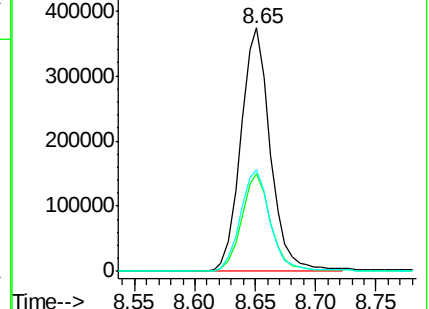
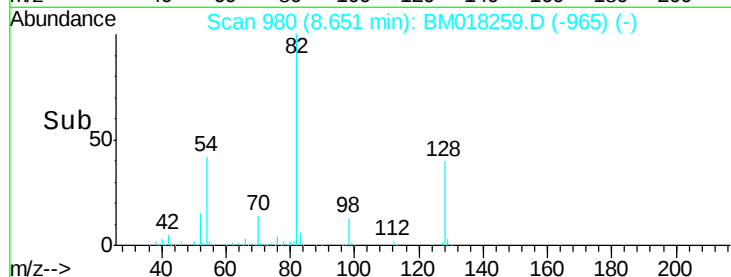


Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-973) (-)

Ion 128.00 (127.70 to 128.70): BM018204.D (-973) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-973) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018259.D

Acq: 17 Dec 2018 22:30

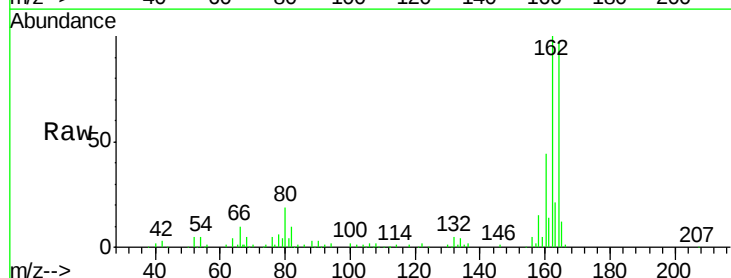
Tgt Ion: 164 Resp: 205271

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

160 45.2 34.6 51.8

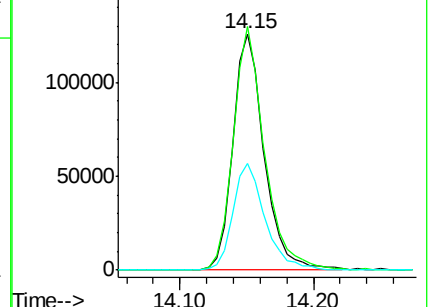
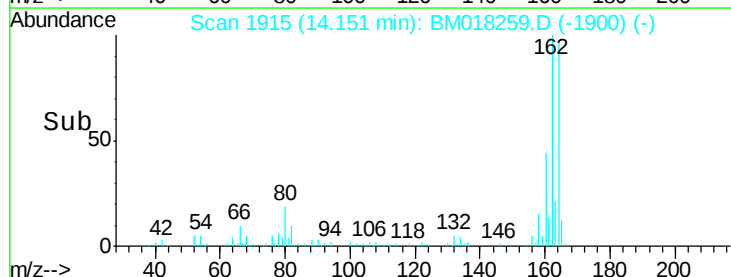


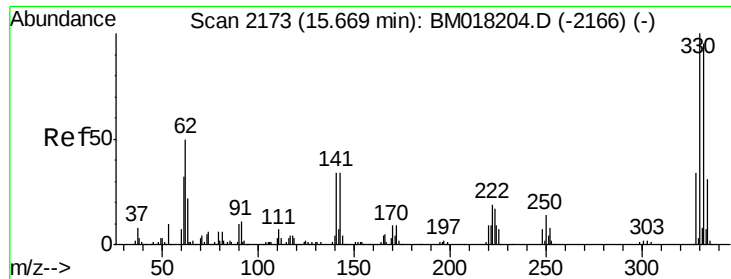
Abundance Ion 164.00 (163.70 to 164.70): BM018204.D (-1909) (-)

Ion 162.00 (161.70 to 162.70): BM018204.D (-1909) (-)

Ion 160.00 (159.70 to 160.70): BM018204.D (-1909) (-)

Time-->

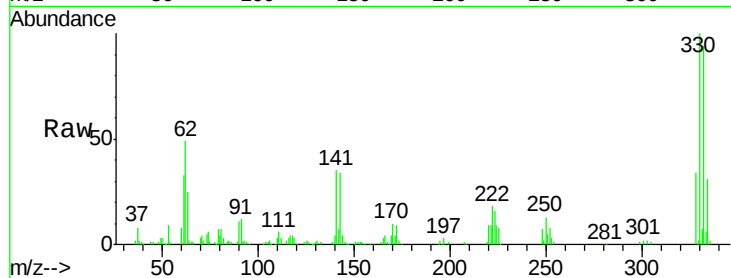




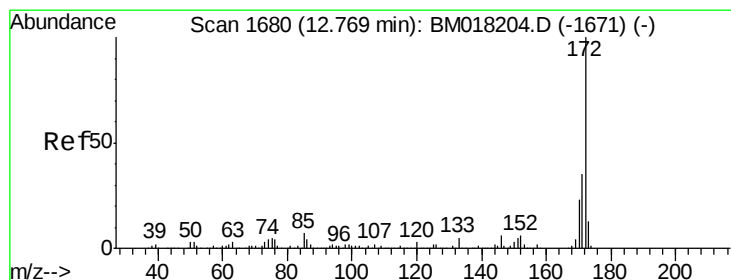
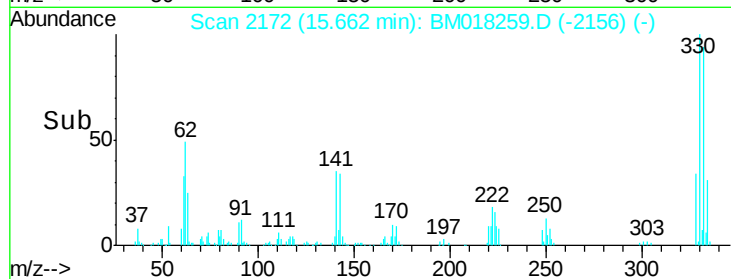
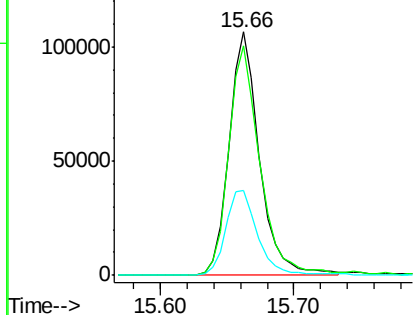
#42
 2,4,6-Tribromophenol
 Concen: 56.240 ng
 RT: 15.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM018259.D
 Acq: 17 Dec 2018 22:30

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BL

Tgt Ion:330 Resp: 169441
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 118.0
 141 36.6 27.1 40.7

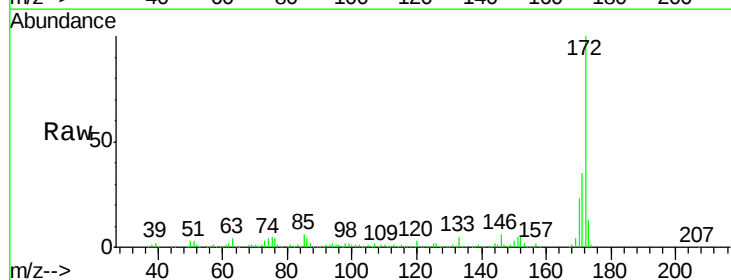


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

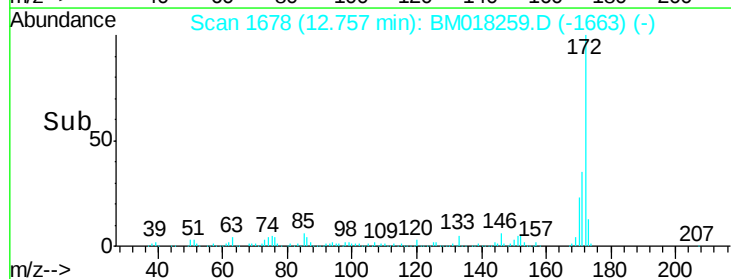
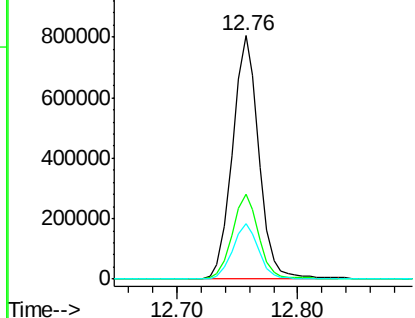


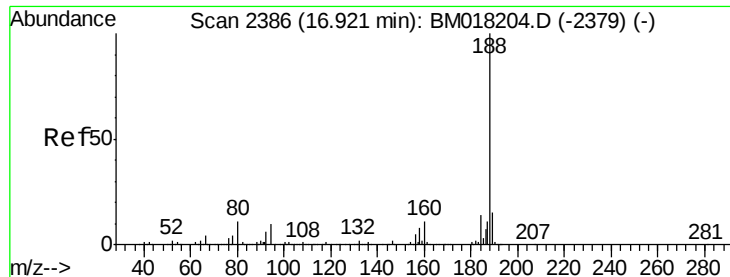
#45
 2-Fluorobiphenyl
 Concen: 77.336 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018259.D
 Acq: 17 Dec 2018 22:30

Tgt Ion:172 Resp: 1225628
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 22.7 18.1 27.1



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

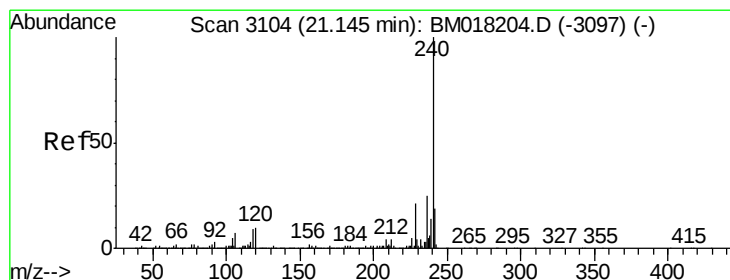
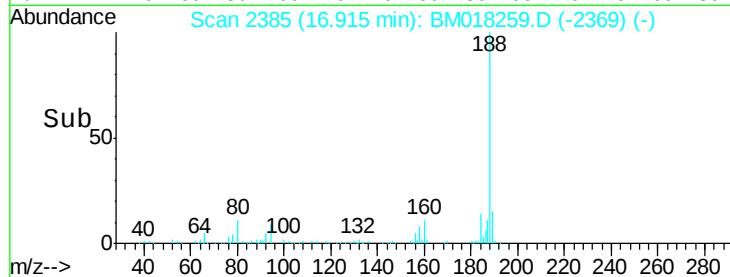
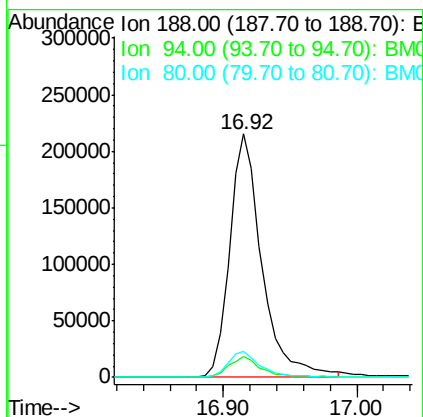
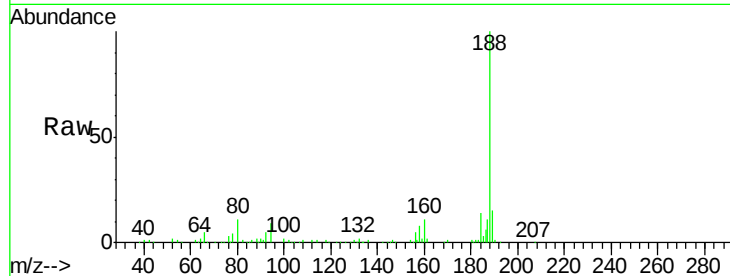




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018259.D
Acq: 17 Dec 2018 22:30

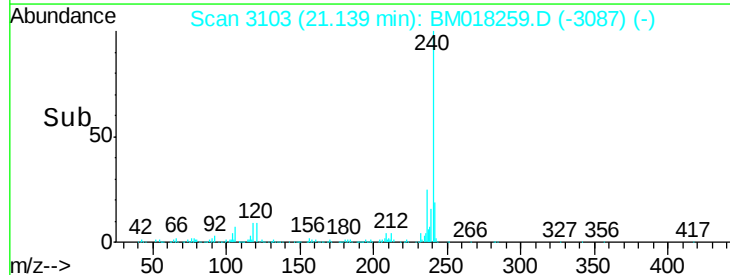
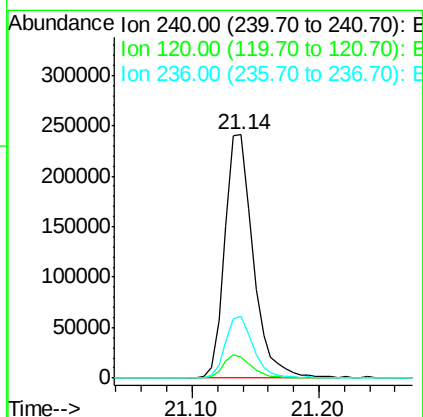
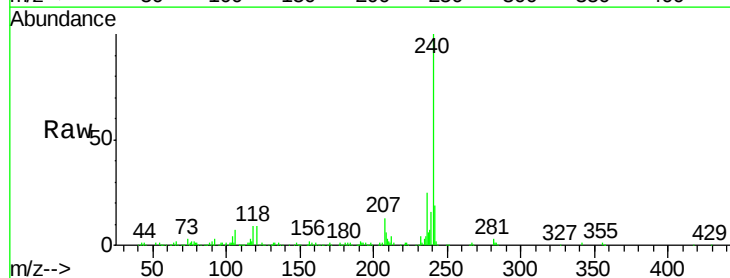
Instrument :
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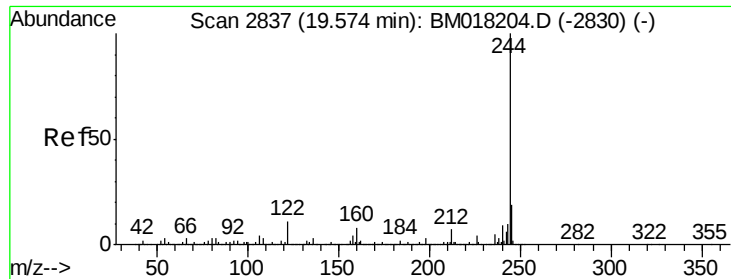
Tgt Ion:188 Resp: 362054
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018259.D
Acq: 17 Dec 2018 22:30

Tgt Ion:240 Resp: 373865
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 68.878 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018259.D

Acq: 17 Dec 2018 22:30

Instrument :

BNA_M

ClientSampleId :

PB115777BL

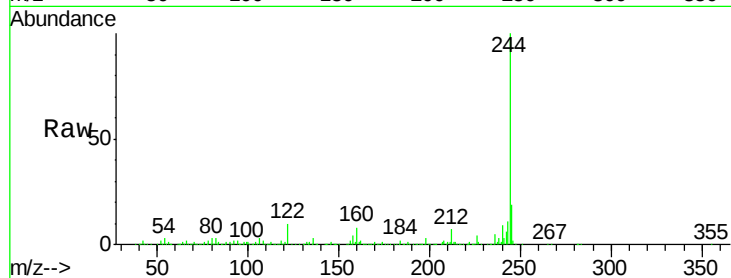
Tgt Ion:244 Resp: 1138590

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

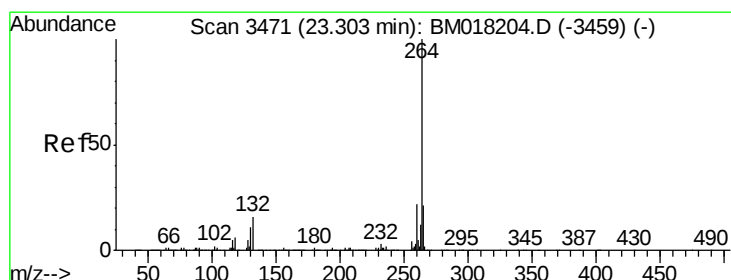
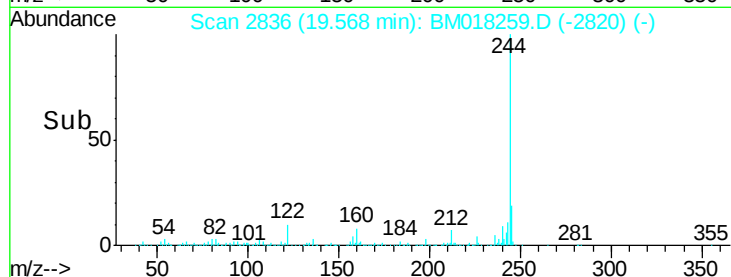
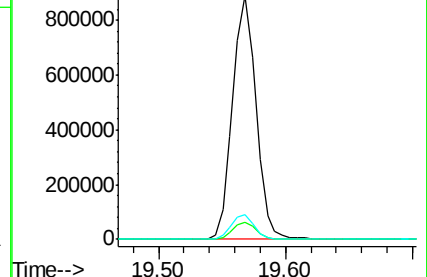
122 10.3 9.0 13.6



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018259.D

Acq: 17 Dec 2018 22:30

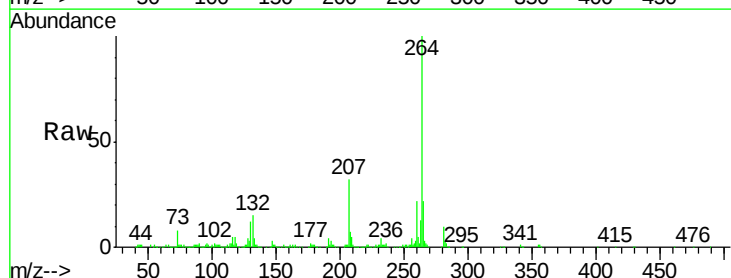
Tgt Ion:264 Resp: 432173

Ion Ratio Lower Upper

264 100

260 21.8 17.5 26.3

265 22.2 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

