

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017235.D
 Acq On : 19 Oct 2018 18:16
 Operator : MJ/SJ
 Sample : PB113993BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BL

Quant Time: Oct 20 04:22:41 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	320428	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1240870	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	724393	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1598309	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1317717	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1056700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2327382	122.85	ng	0.00
7) Phenol-d6	6.85	99	3063877	118.74	ng	0.00
23) Nitrobenzene-d5	8.82	82	1837417	86.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1192719	121.75	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4421446	81.21	ng	-0.01
79) Terphenyl-d14	19.70	244	5625507	96.23	ng	0.00

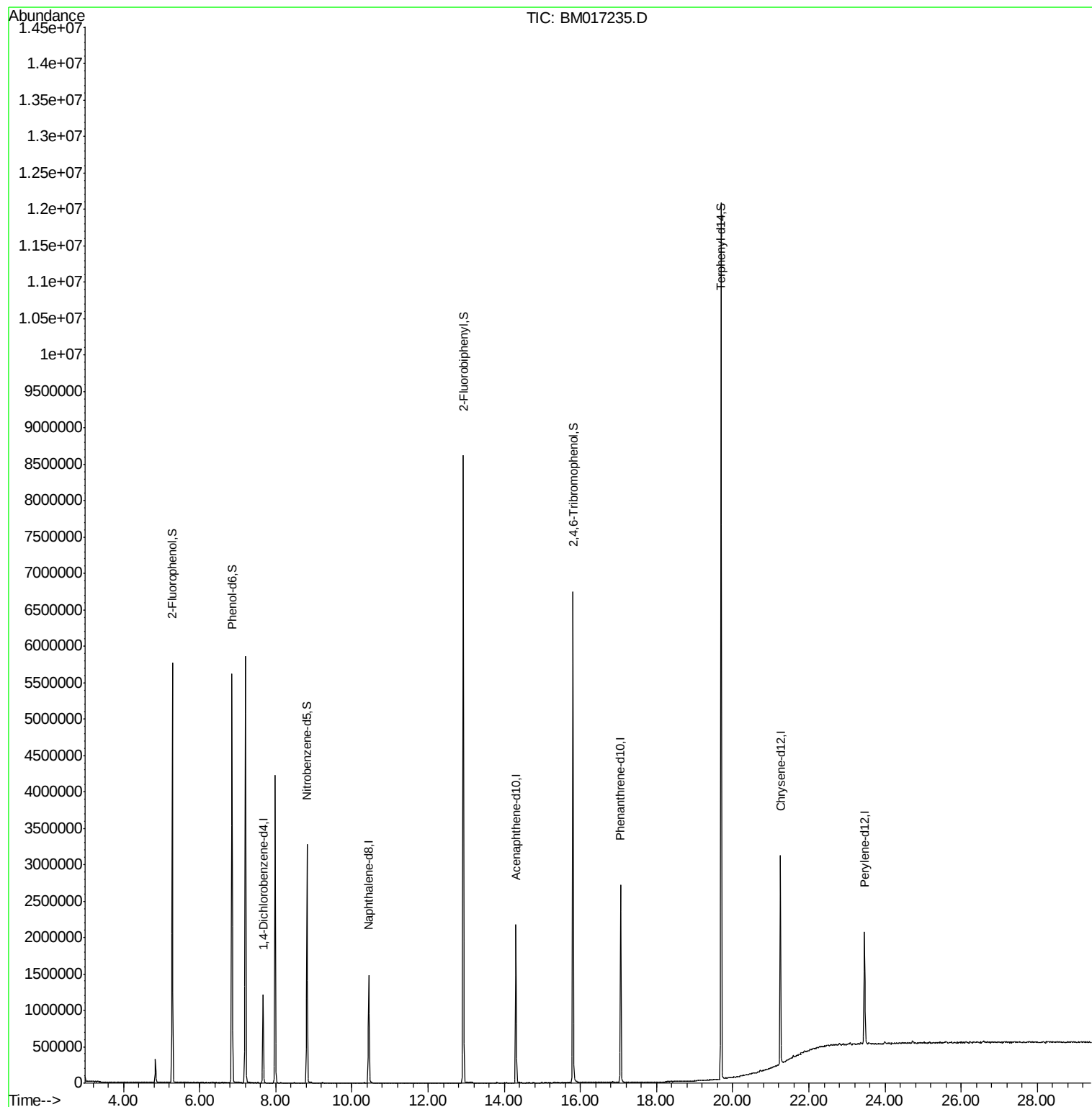
Target Compounds	Qvalue
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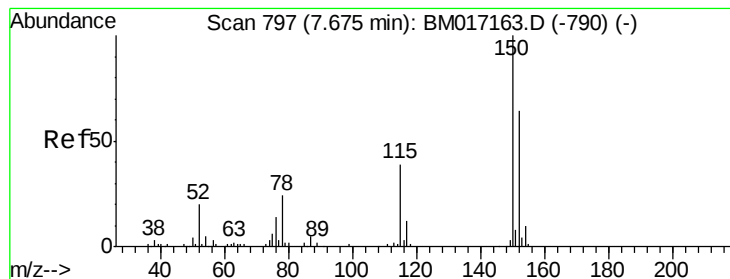
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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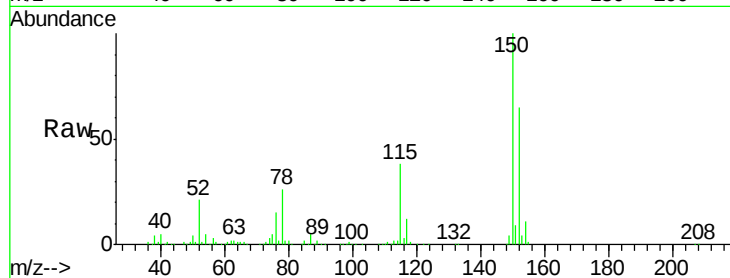


#1

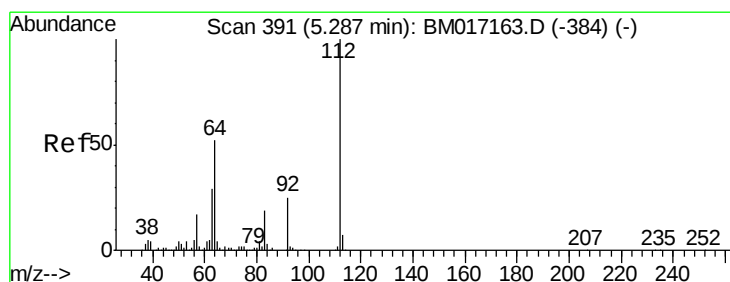
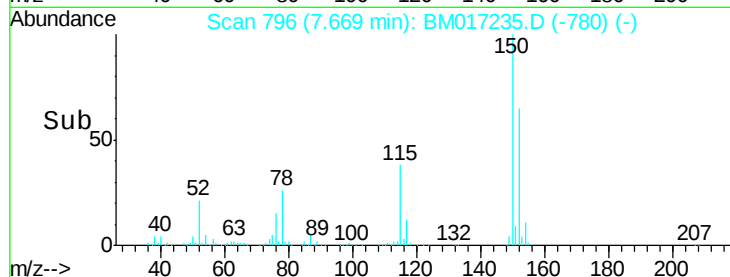
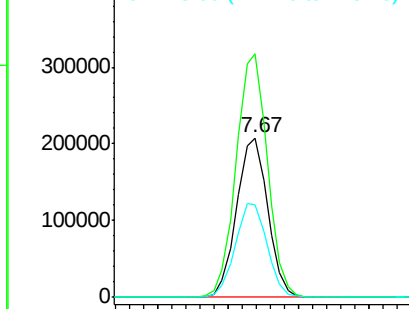
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.67 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BL

Tgt Ion:152 Resp: 320428
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.3 186.5
 115 58.4 48.1 72.1



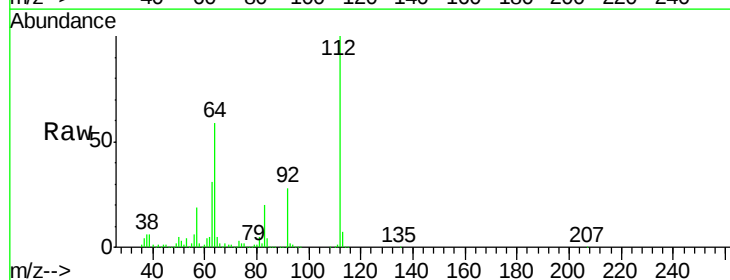
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



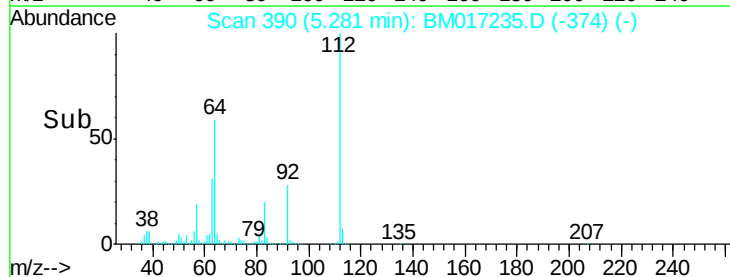
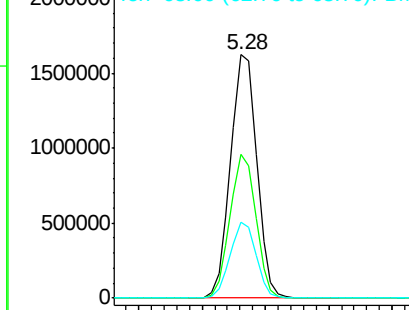
#5

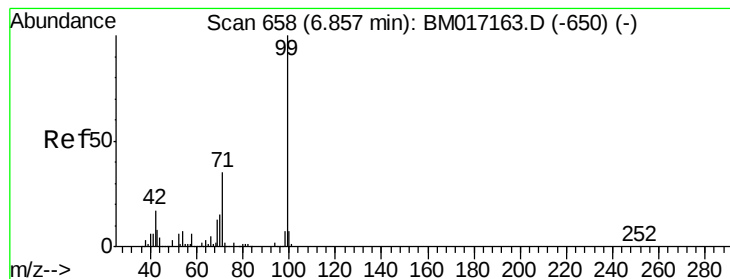
2-Fluorophenol
 Concen: 122.848 ng
 RT: 5.28 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Tgt Ion:112 Resp: 2327382
 Ion Ratio Lower Upper
 112 100
 64 59.0 41.7 62.5
 63 31.4 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: 118.744 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

PB113993BL

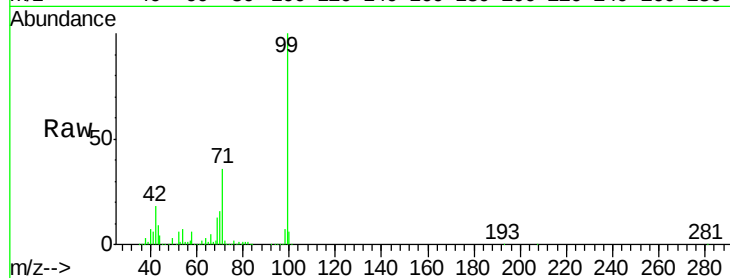
Tgt Ion: 99 Resp: 3063877

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

71 36.4 28.0 42.0

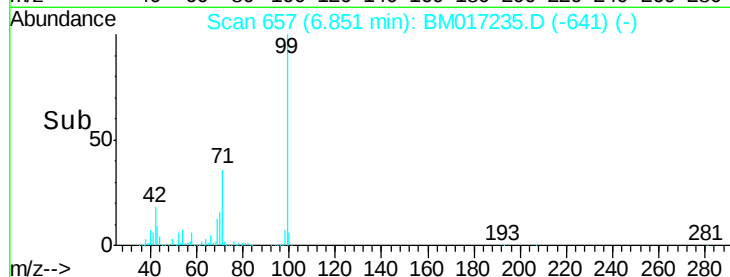


Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

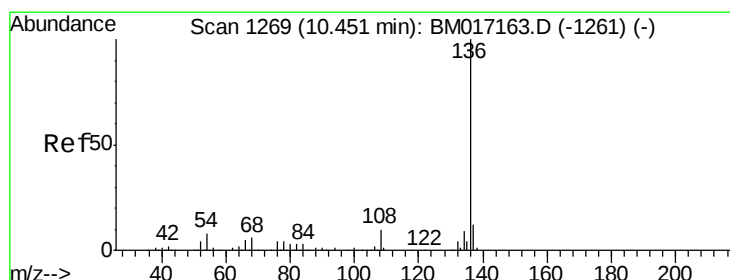
Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Tgt Ion: 136 Resp: 1240870

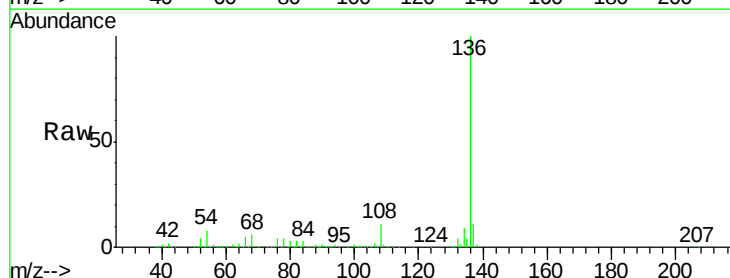
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.2 6.7 10.1

68 5.6 4.7 7.1



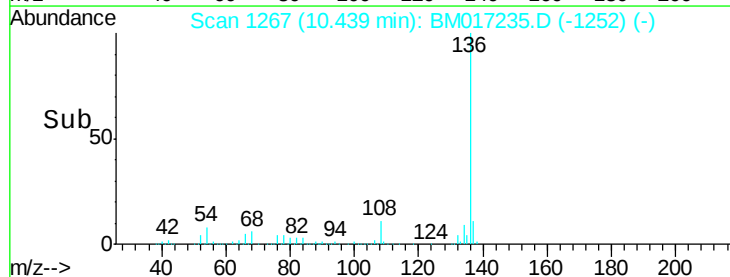
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

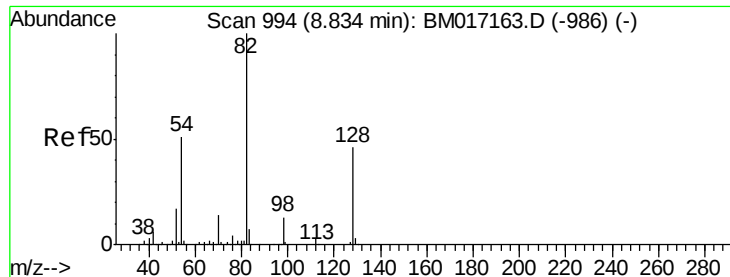
Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

Time-->



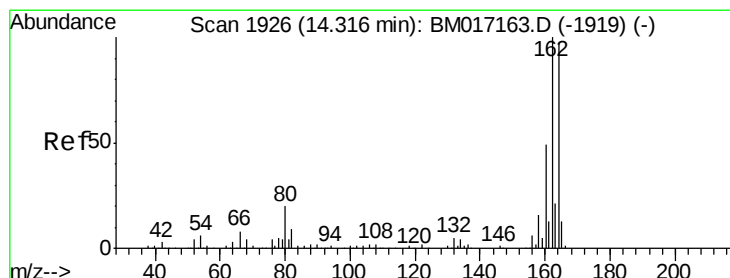
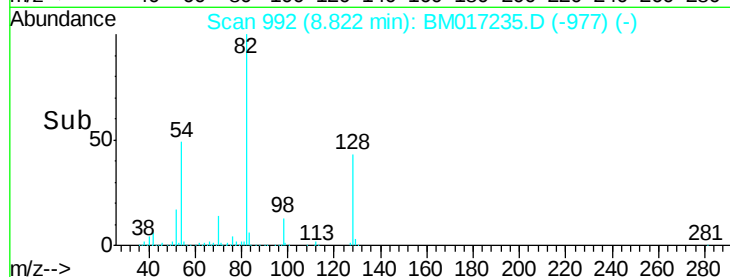
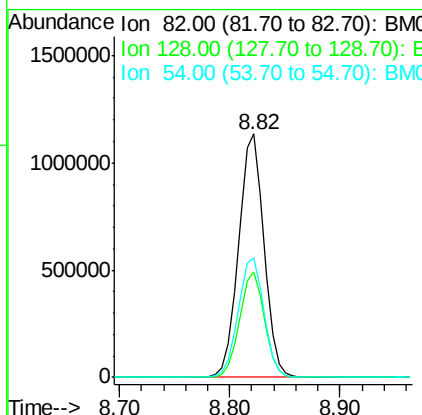
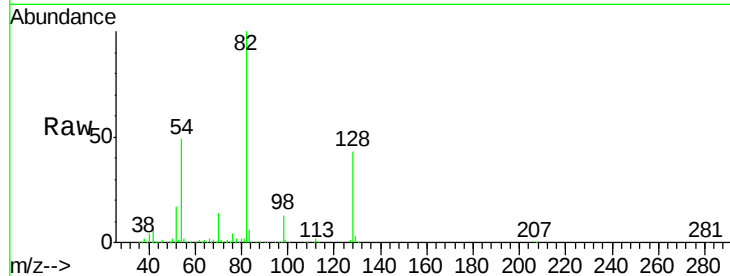
Time-->



#23
 Nitrobenzene-d5
 Concen: 86.603 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

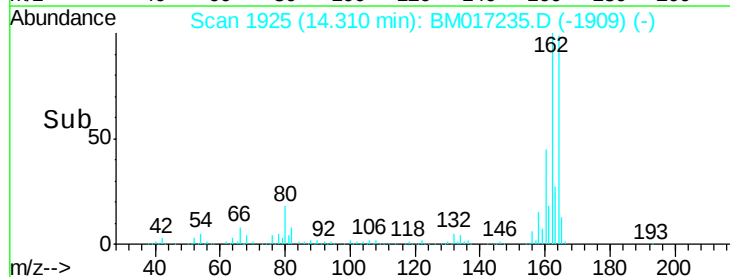
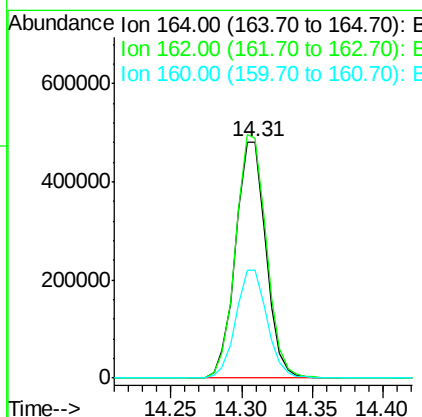
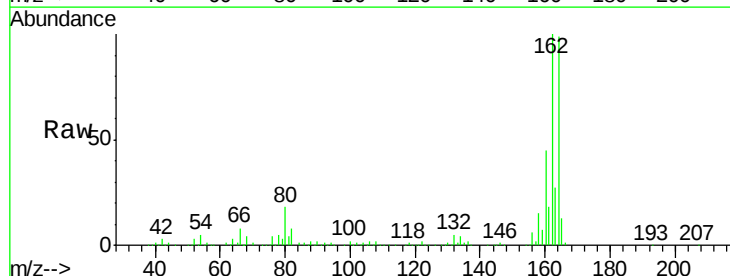
Instrument :
 BNA_M
 ClientSampleId :
 PB113993BL

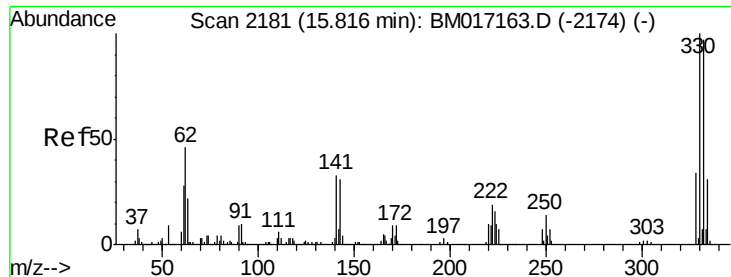
Tgt Ion: 82 Resp: 1837417
 Ion Ratio Lower Upper
 82 100
 128 43.1 37.0 55.6
 54 49.1 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Tgt Ion: 164 Resp: 724393
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.1 123.1
 160 45.8 40.2 60.2

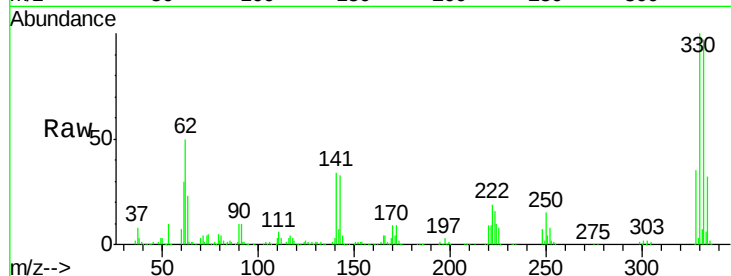




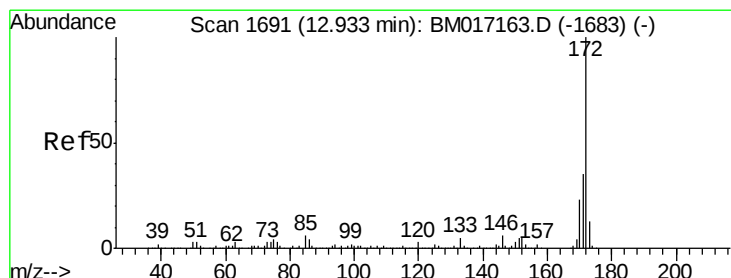
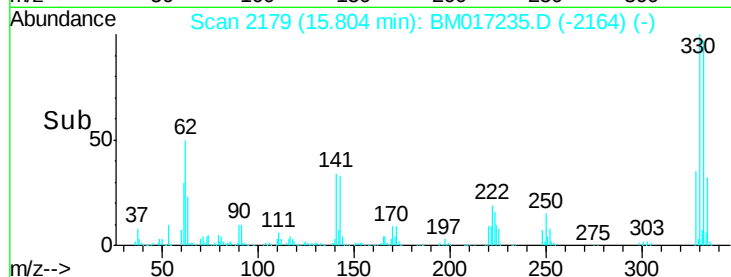
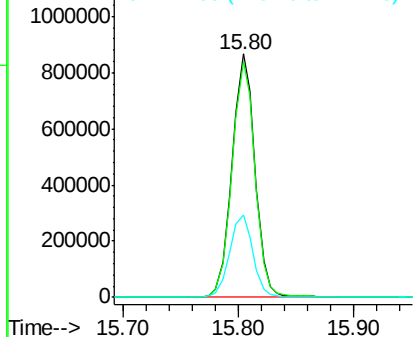
#42
 2,4,6-Tribromophenol
 Concen: 121.751 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BL

Tgt Ion:330 Resp: 1192719
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 34.4 27.4 41.0

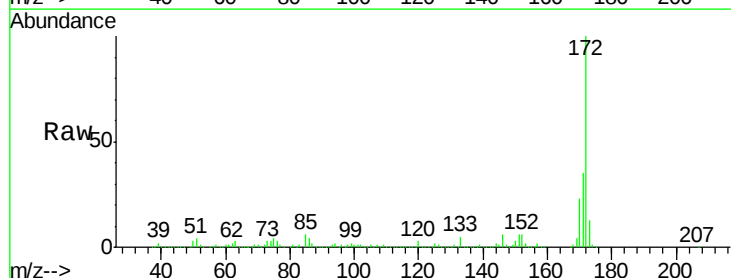


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

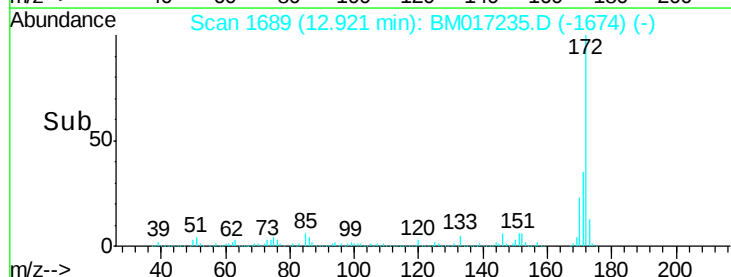
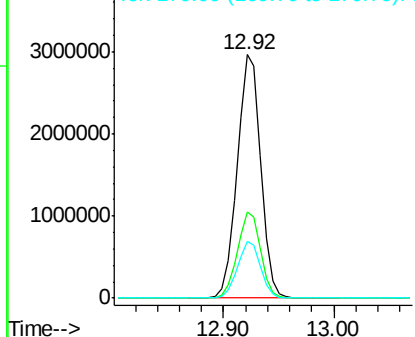


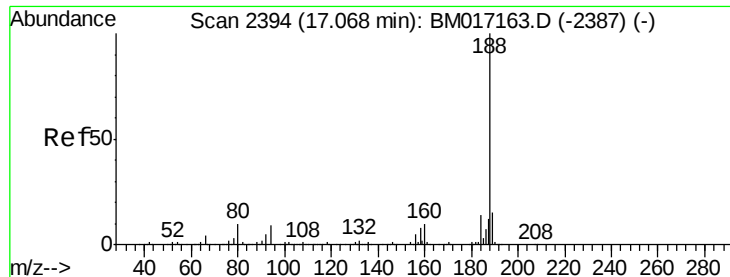
#45
 2-Fluorobiphenyl
 Concen: 81.212 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017235.D
 Acq: 19 Oct 2018 18:16

Tgt Ion:172 Resp: 4421446
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.1 18.3 27.5



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: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

ClientSampleId :

PB113993BL

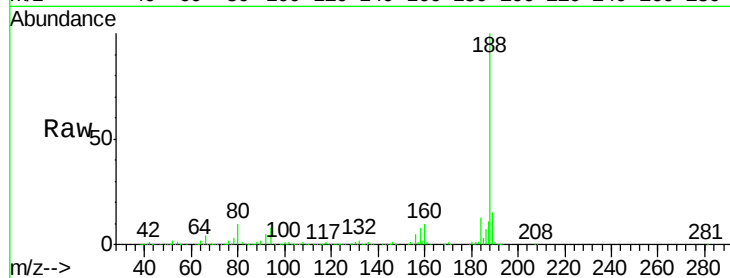
Tgt Ion:188 Resp: 1598309

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

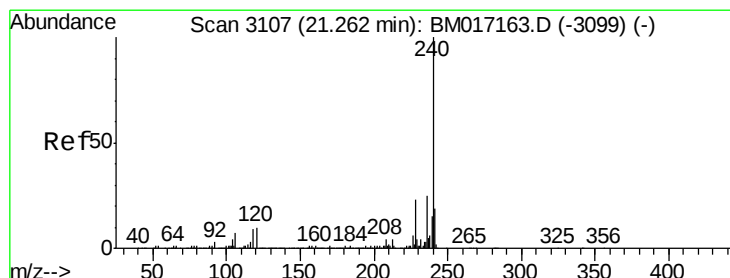
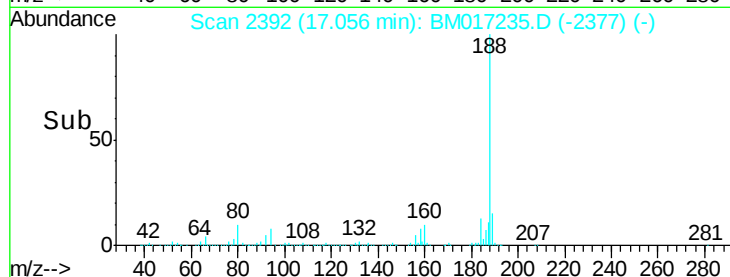
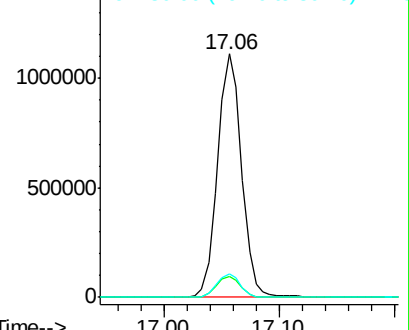
80 9.8 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

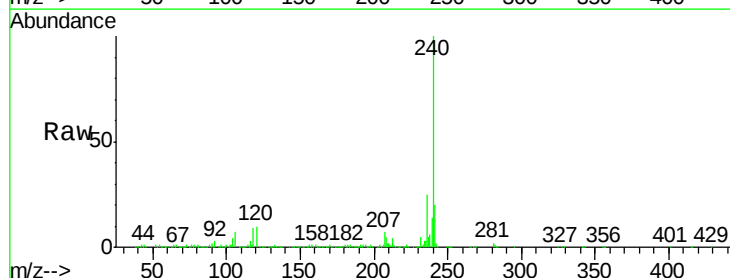
Tgt Ion:240 Resp: 1317717

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

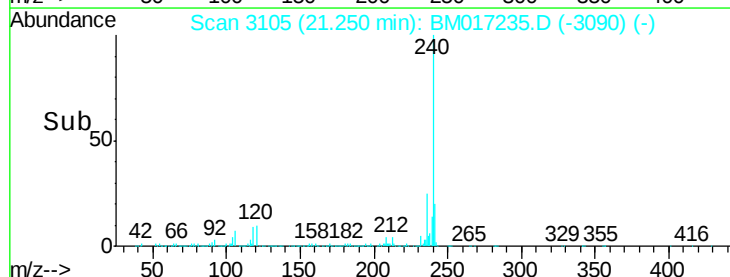
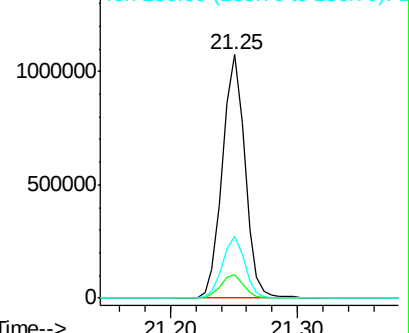
236 25.2 19.9 29.9

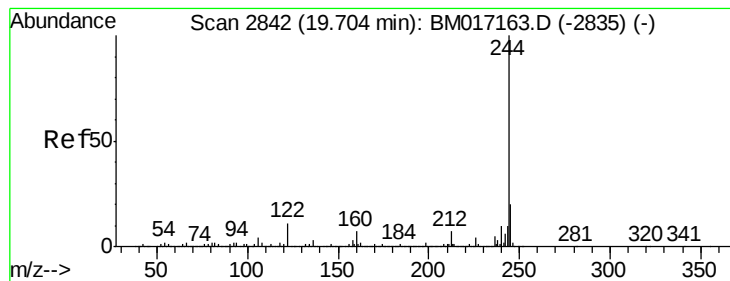


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.226 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

Instrument :

BNA_M

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PB113993BL

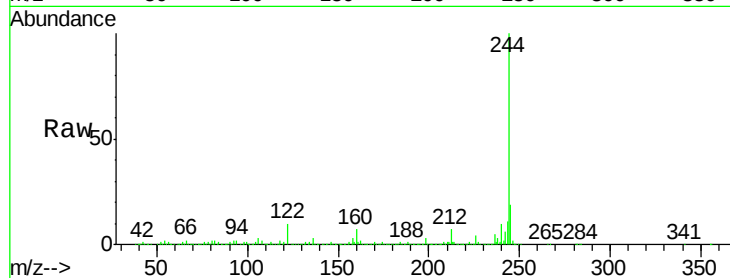
Tgt Ion:244 Resp: 5625507

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.8 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

6000000

5000000

4000000

3000000

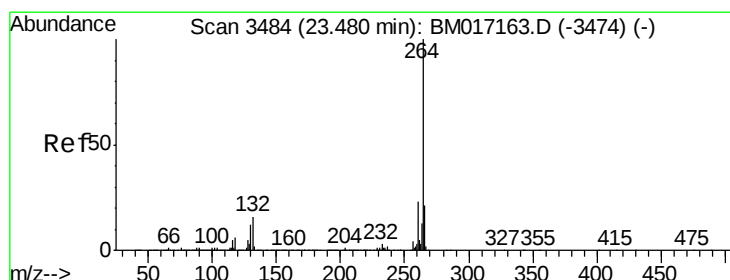
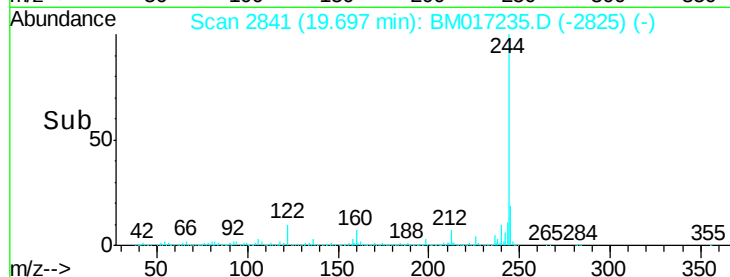
2000000

1000000

0

19.70

Time--> 19.60 19.70 19.80



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017235.D

Acq: 19 Oct 2018 18:16

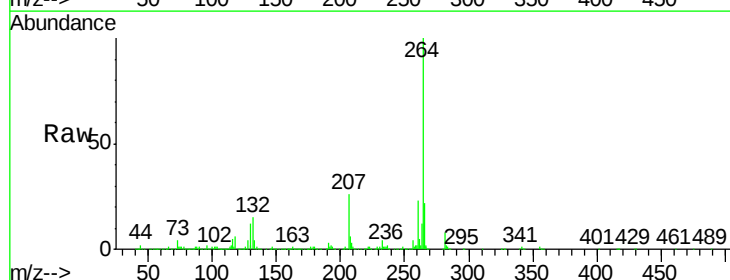
Tgt Ion:264 Resp: 1056700

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 22.0 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

800000

600000

400000

200000

0

23.46

Time--> 23.40 23.50

