

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017232.D
 Acq On : 19 Oct 2018 16:27
 Operator : MJ/SJ
 Sample : PB113946BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113946BL

Quant Time: Oct 20 04:13:44 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	313212	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1242535	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	727876	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1602822	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1327800	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1100698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2122469	114.61	ng	0.00
7) Phenol-d6	6.85	99	2803696	111.16	ng	0.00
23) Nitrobenzene-d5	8.82	82	1677750	78.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1082884	110.01	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4079206	74.57	ng	-0.01
79) Terphenyl-d14	19.70	244	5240893	88.97	ng	0.00

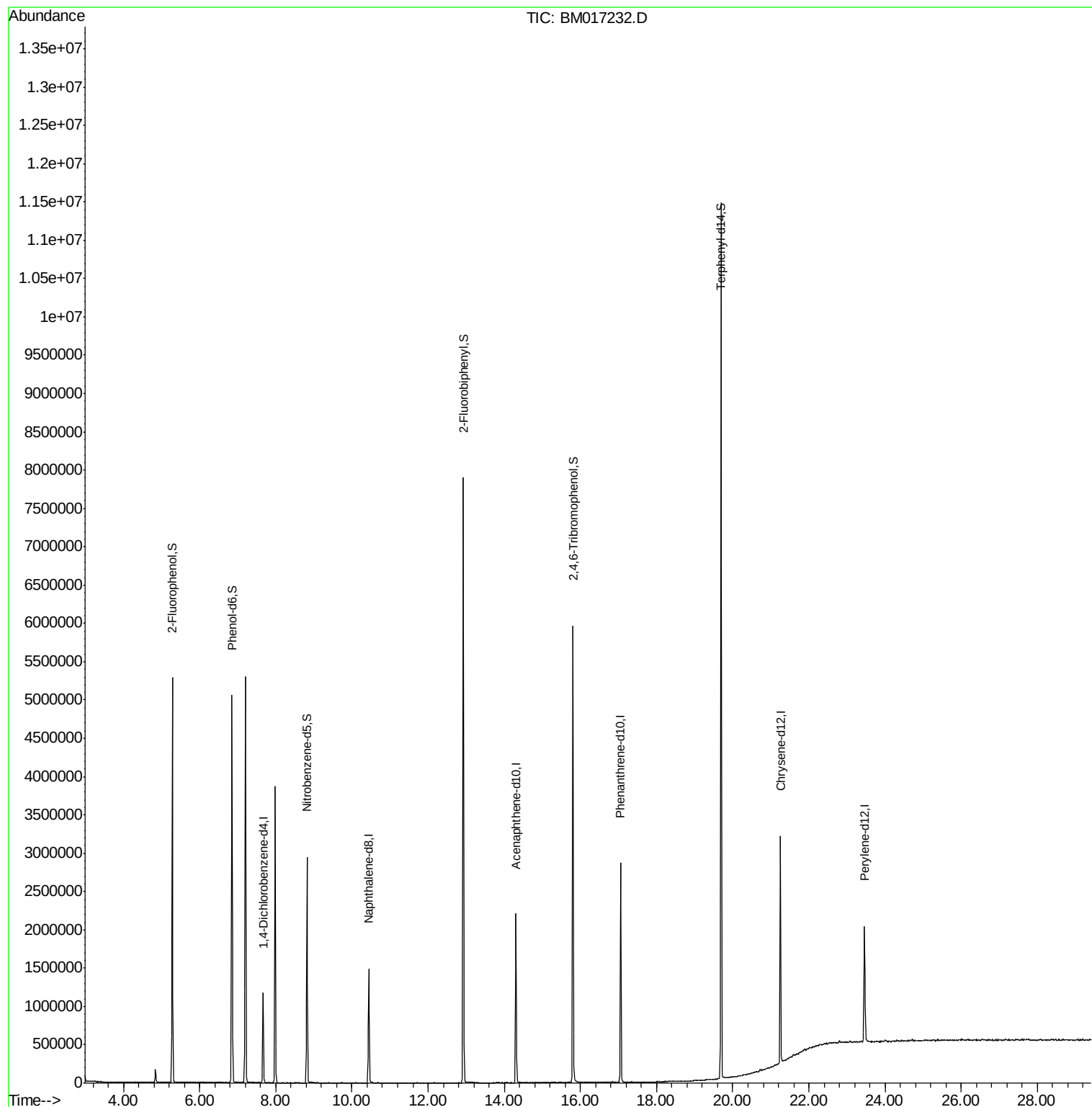
Target Compounds	Qvalue
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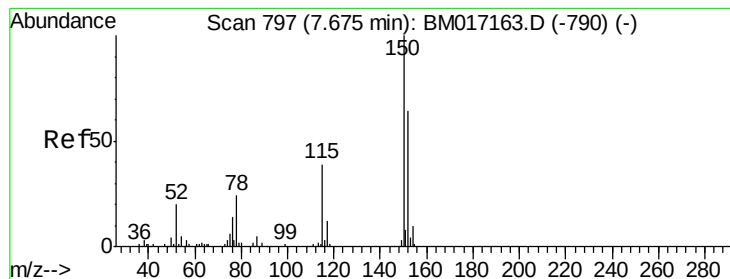
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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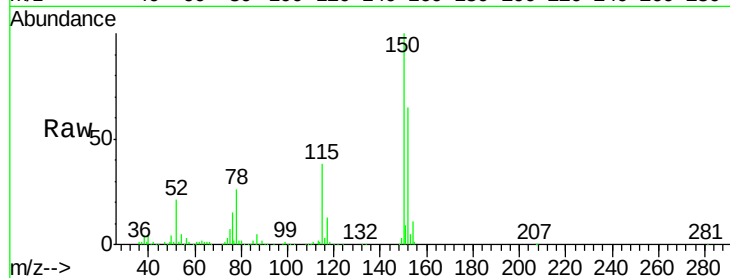


#1

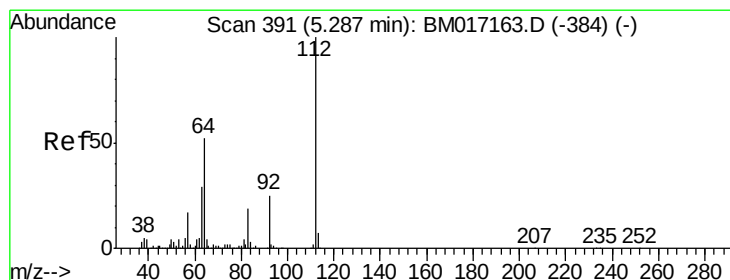
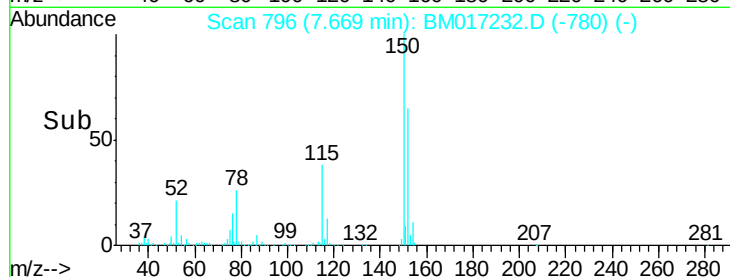
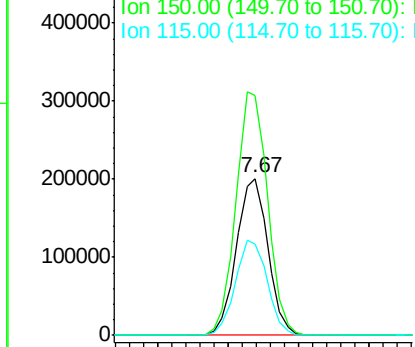
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017232.D
Acq: 19 Oct 2018 16:27

Instrument :
BNA_M
ClientSampleId :
PB113946BL

Tgt Ion:152 Resp: 313212
Ion Ratio Lower Upper
152 100
150 152.9 124.3 186.5
115 58.6 48.1 72.1



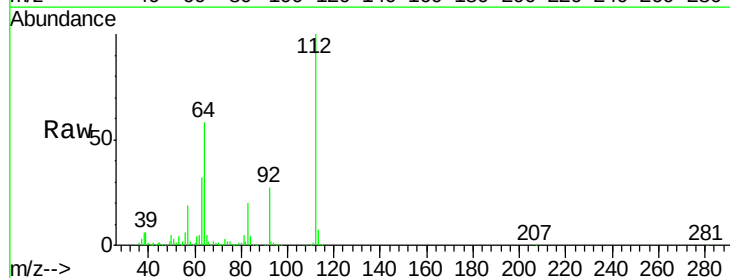
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



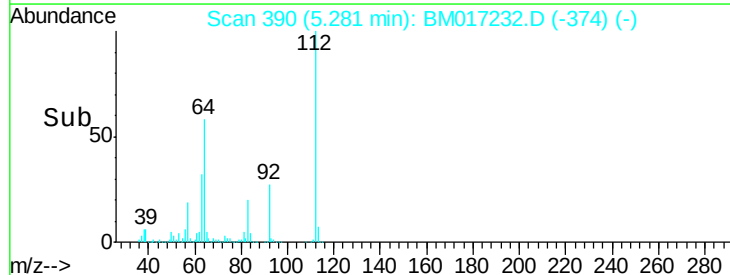
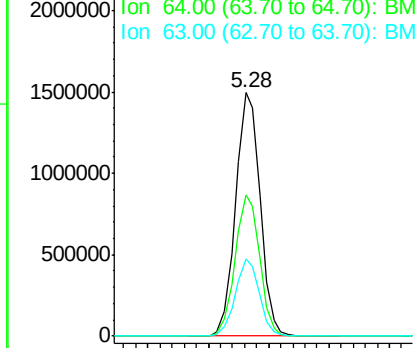
#5

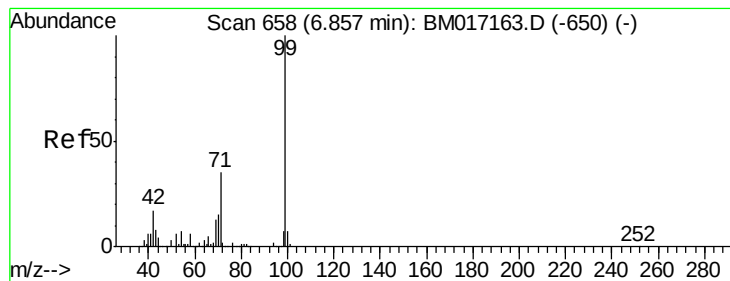
2-Fluorophenol
Concen: 114.613 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017232.D
Acq: 19 Oct 2018 16:27

Tgt Ion:112 Resp: 2122469
Ion Ratio Lower Upper
112 100
64 58.0 41.7 62.5
63 31.5 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: 111.164 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017232.D

Acq: 19 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

PB113946BL

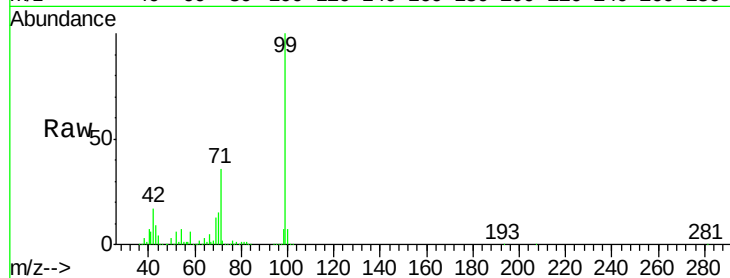
Tgt Ion: 99 Resp: 2803696

Ion Ratio Lower Upper

99 100

42 17.1 13.3 19.9

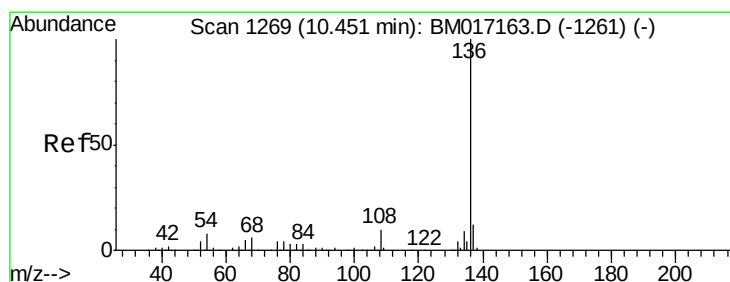
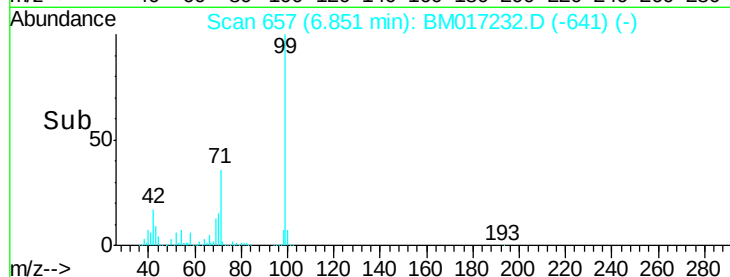
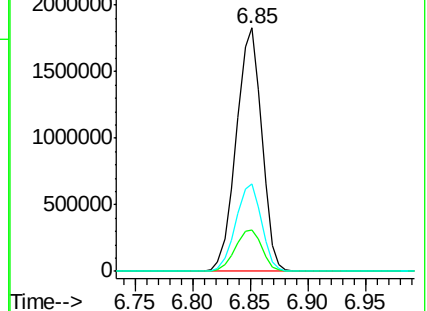
71 35.7 28.0 42.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017232.D

Acq: 19 Oct 2018 16:27

Tgt Ion: 136 Resp: 1242535

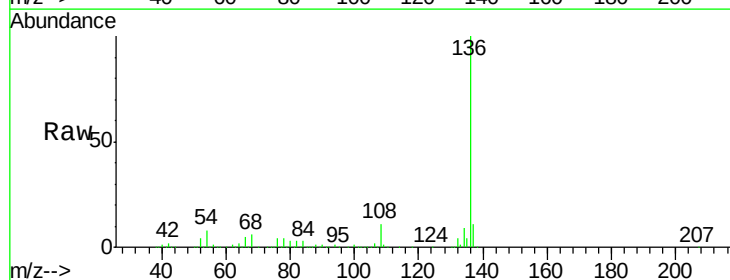
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.8 6.7 10.1

68 5.5 4.7 7.1

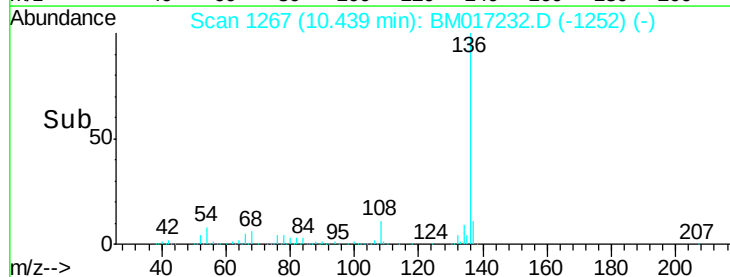
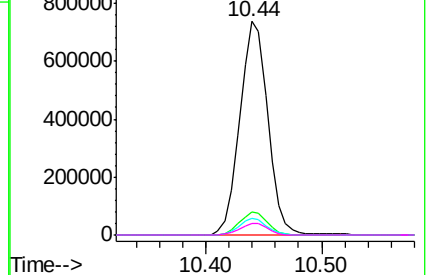


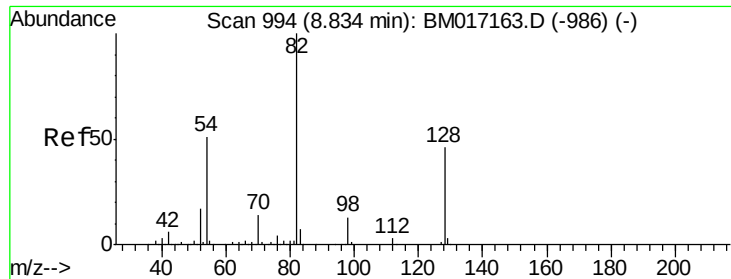
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

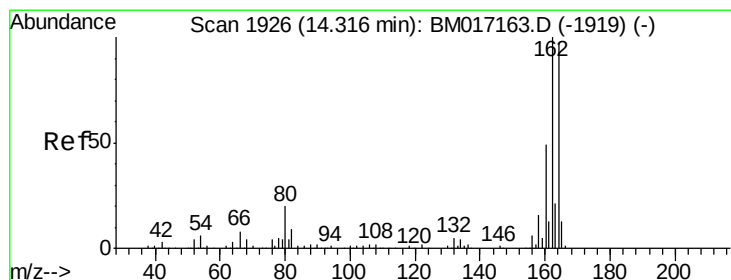
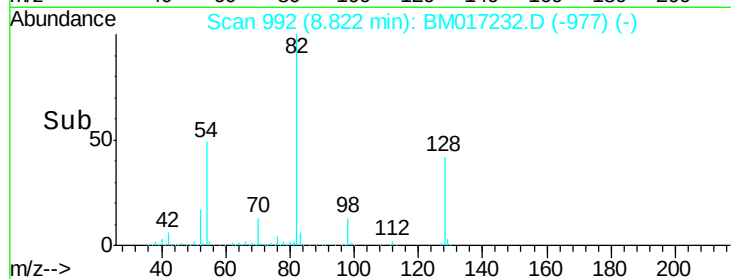
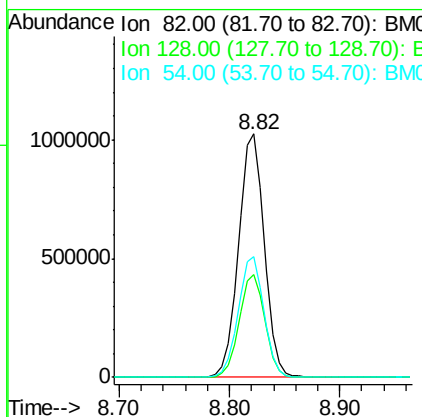
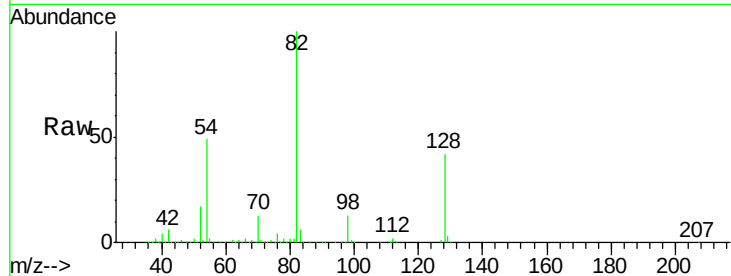




#23
 Nitrobenzene-d5
 Concen: 78.971 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017232.D
 Acq: 19 Oct 2018 16:27

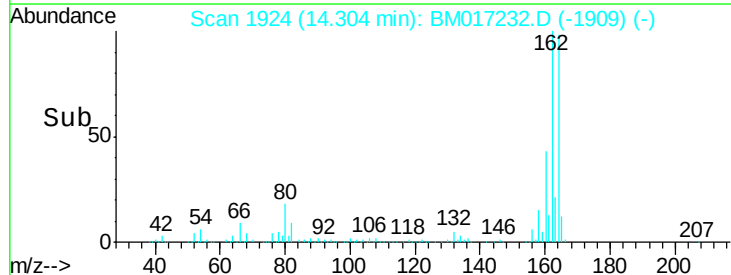
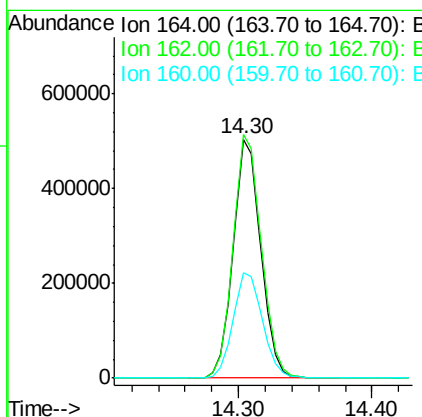
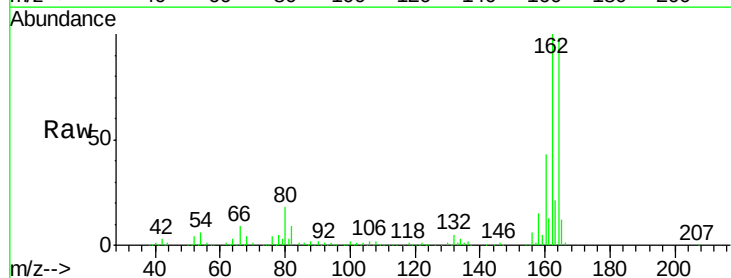
Instrument :
 BNA_M
 ClientSampleId :
 PB113946BL

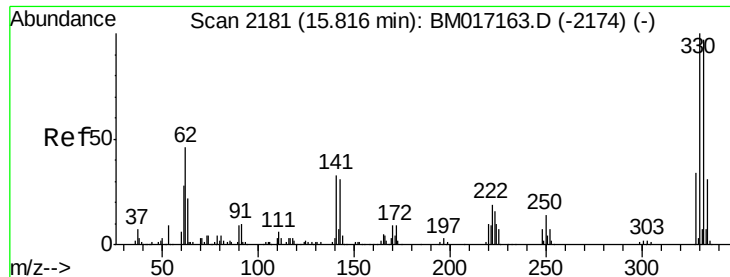
Tgt Ion: 82 Resp: 1677750
 Ion Ratio Lower Upper
 82 100
 128 42.3 37.0 55.6
 54 49.3 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM017232.D
 Acq: 19 Oct 2018 16:27

Tgt Ion: 164 Resp: 727876
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.1 123.1
 160 44.2 40.2 60.2





#42

2,4,6-Tribromophenol

Concen: 110.011 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017232.D

Acq: 19 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

PB113946BL

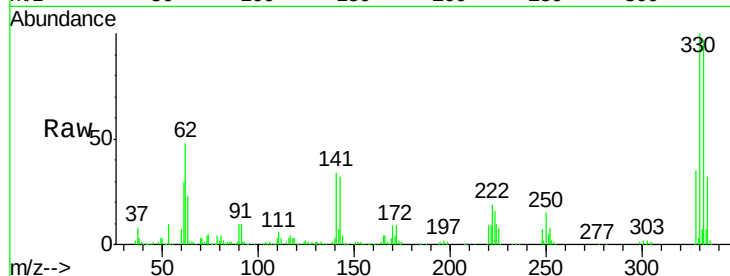
Tgt Ion:330 Resp: 1082884

Ion Ratio Lower Upper

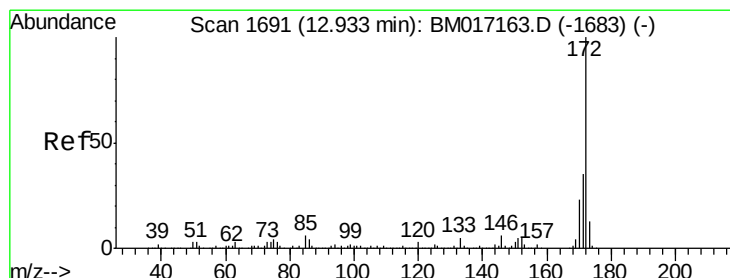
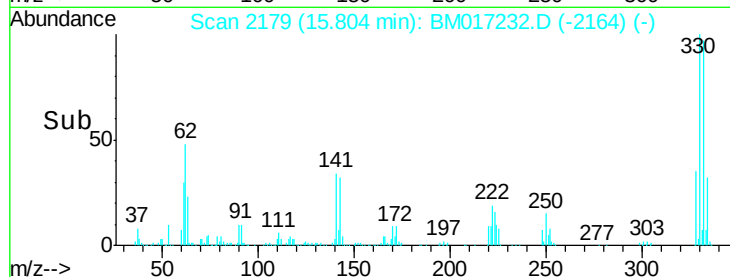
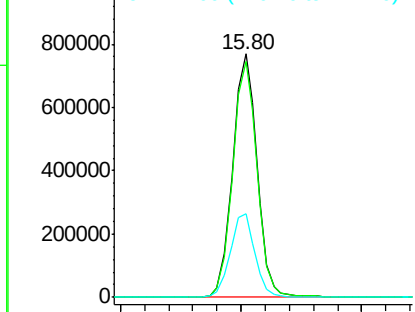
330 100

332 96.9 77.3 115.9

141 34.6 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: 74.567 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM017232.D

Acq: 19 Oct 2018 16:27

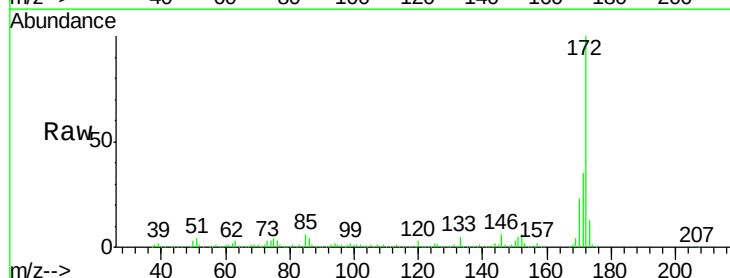
Tgt Ion:172 Resp: 4079206

Ion Ratio Lower Upper

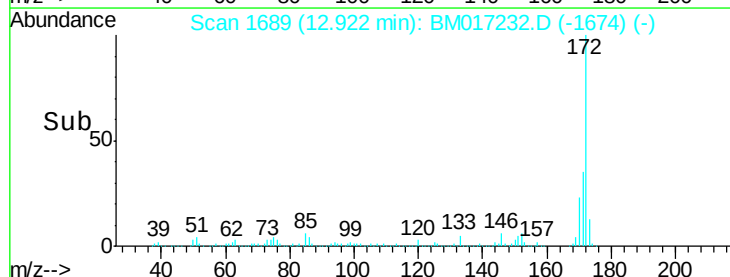
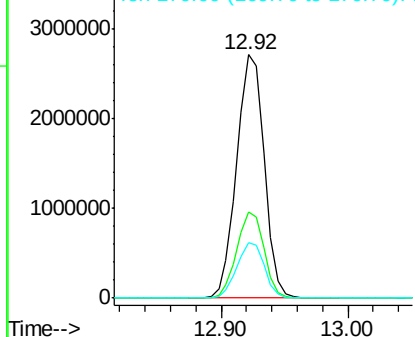
172 100

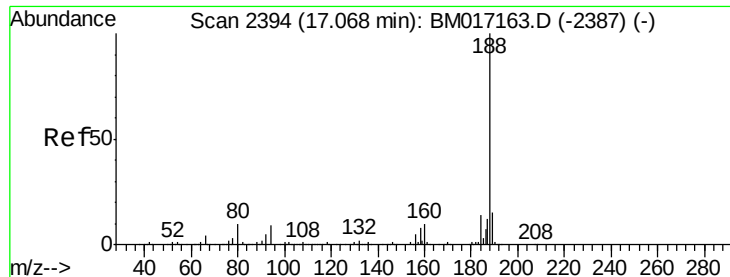
171 35.3 28.3 42.5

170 22.8 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: BM017232.D

Acq: 19 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

PB113946BL

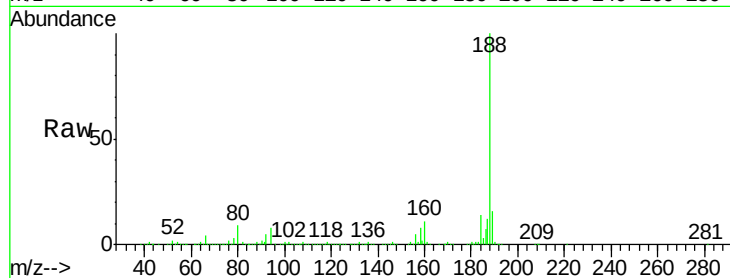
Tgt Ion:188 Resp: 1602822

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

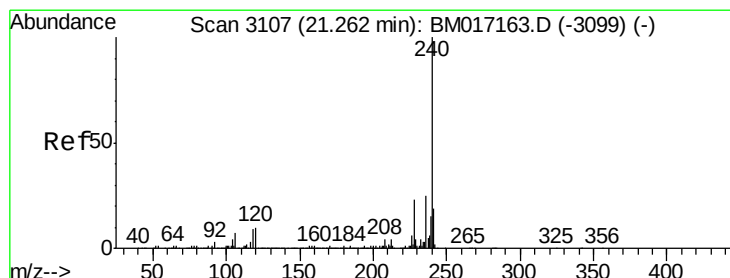
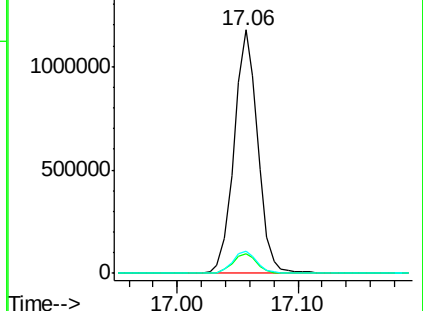
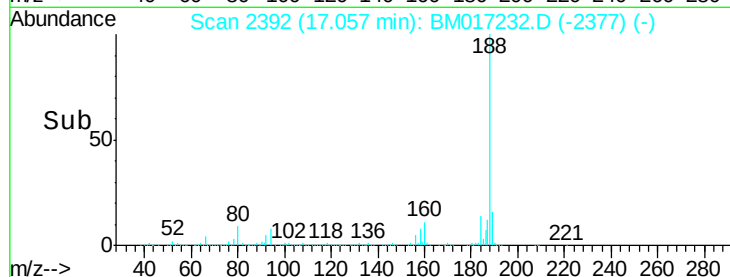
80 9.2 7.7 11.5



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: BM017232.D

Acq: 19 Oct 2018 16:27

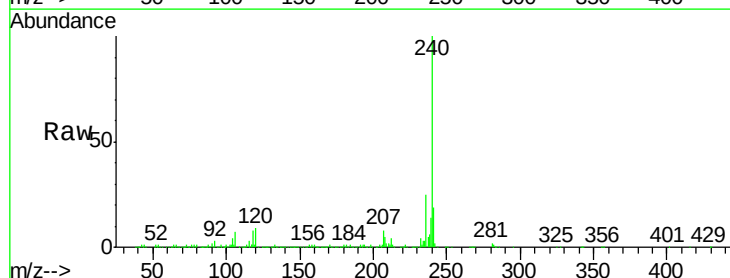
Tgt Ion:240 Resp: 1327800

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

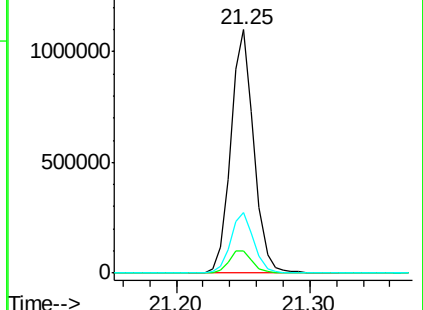
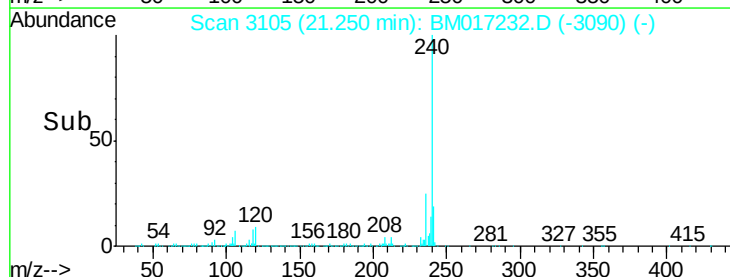
236 25.1 19.9 29.9

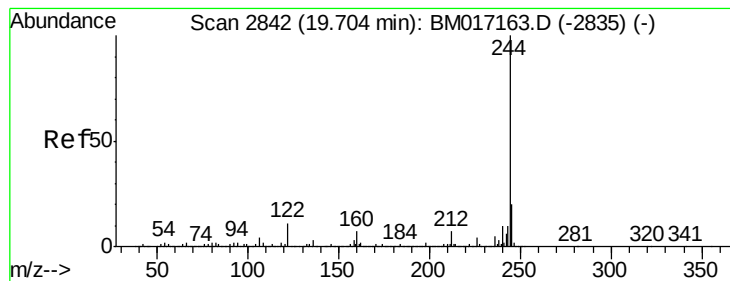


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.967 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017232.D

Acq: 19 Oct 2018 16:27

Instrument :

BNA_M

ClientSampled :

PB113946BL

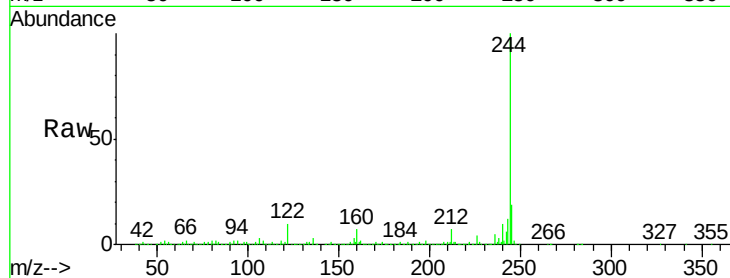
Tgt Ion:244 Resp: 5240893

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

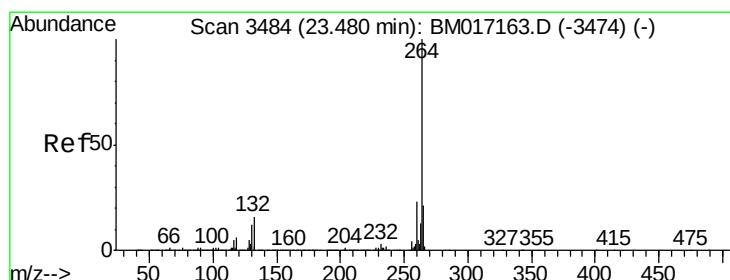
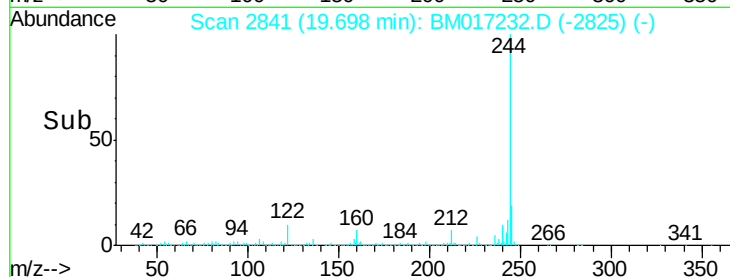
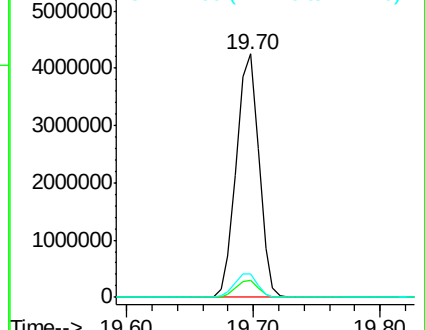
122 9.6 8.4 12.6



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: BM017232.D

Acq: 19 Oct 2018 16:27

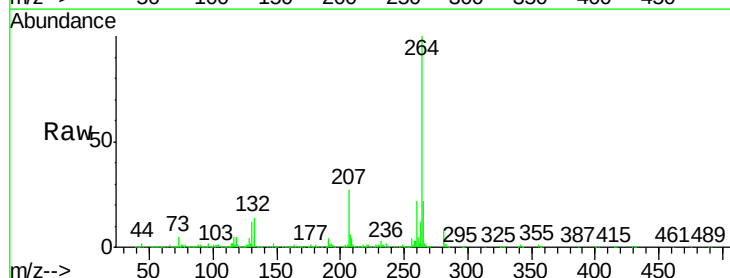
Tgt Ion:264 Resp: 1100698

Ion Ratio Lower Upper

264 100

260 21.8 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

