

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017352.D
 Acq On : 26 Oct 2018 17:33
 Operator : MJ/SJ
 Sample : PB114216BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BL

Quant Time: Oct 27 02:43:44 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	7.65	152	235841	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1036014	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	659490	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1670331	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2010728	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1840379	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1568419	112.48	ng	-0.01
7) Phenol-d6	6.84	99	2191085	115.37	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1270036	71.70	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1036120	116.17	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3336004	67.30	ng	-0.02
79) Terphenyl-d14	19.69	244	6086173	68.23	ng	-0.02

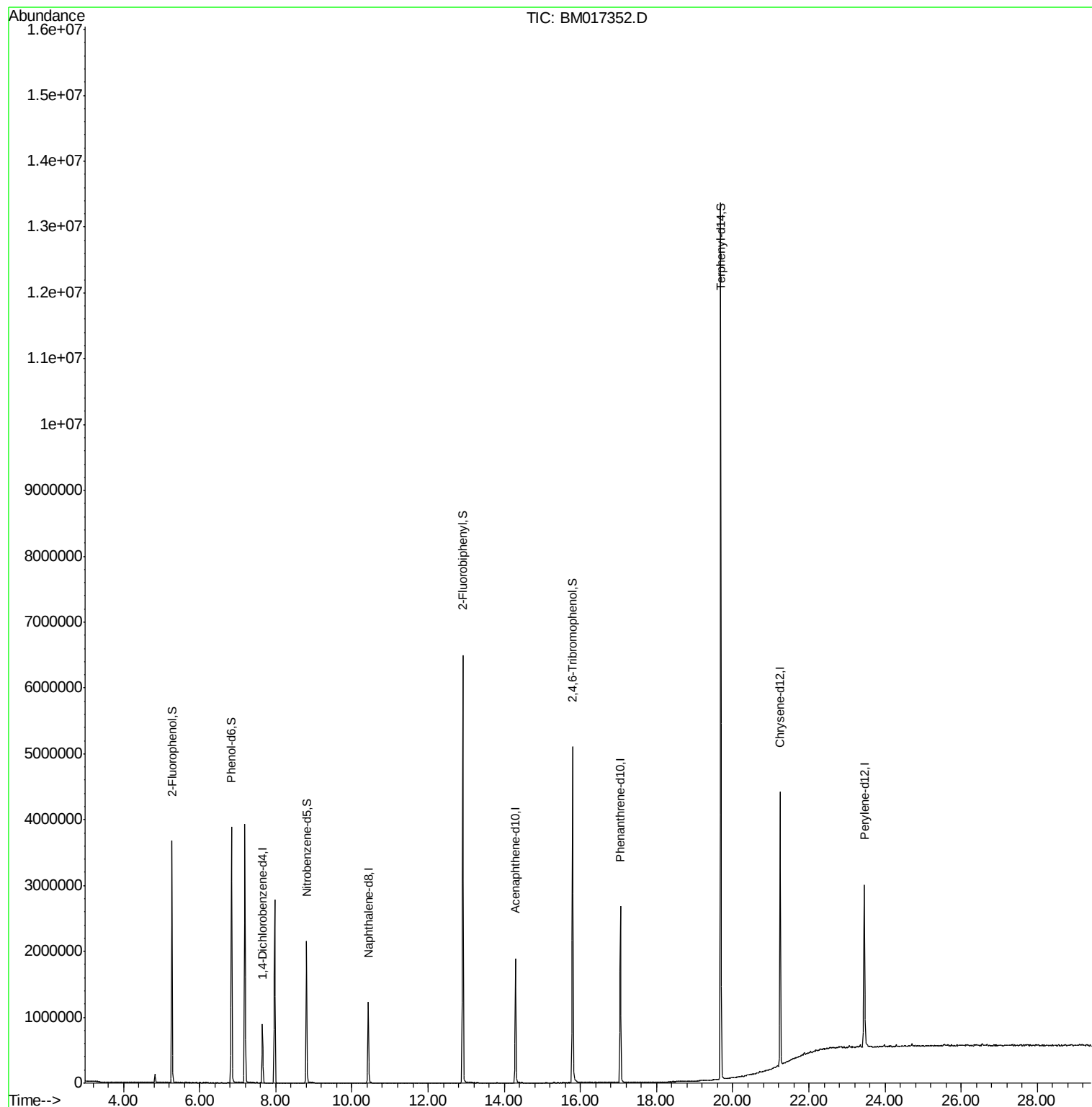
Target Compounds Qvalue

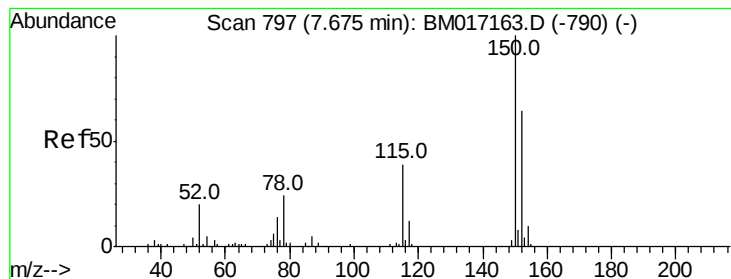
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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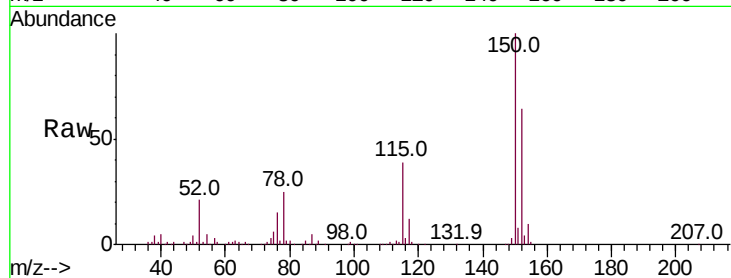


#1

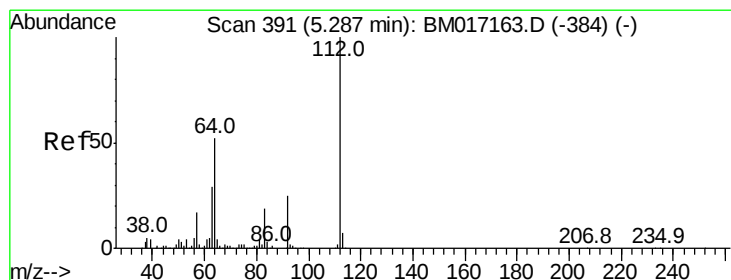
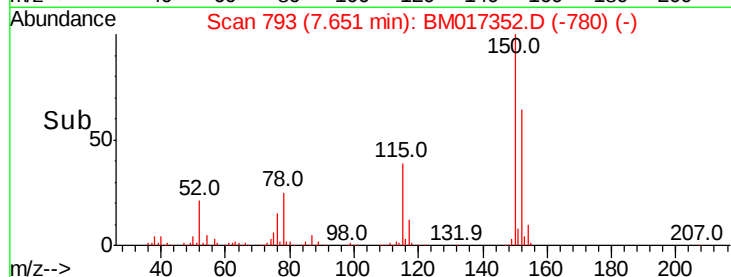
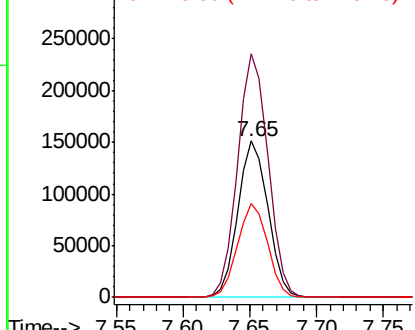
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017352.D
Acq: 26 Oct 2018 17:33

Instrument :
BNA_M
ClientSampleId :
PB114216BL

Tot Ion:152 Resp: 235841
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 60.0 48.1 72.1



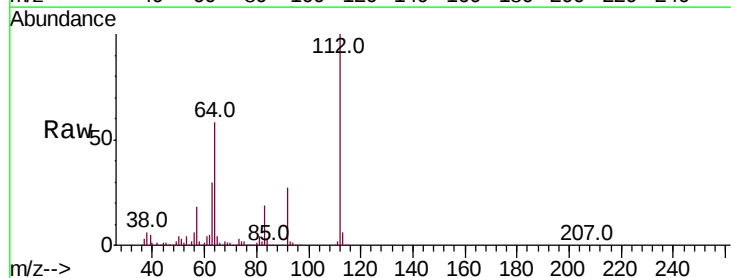
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



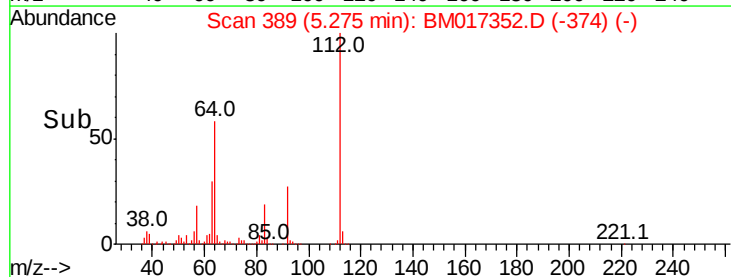
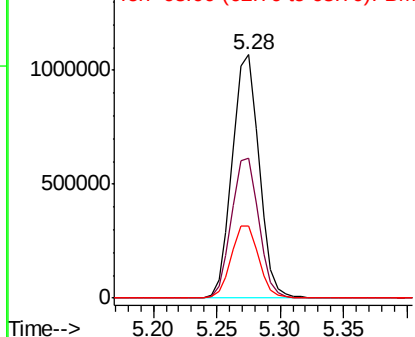
#5

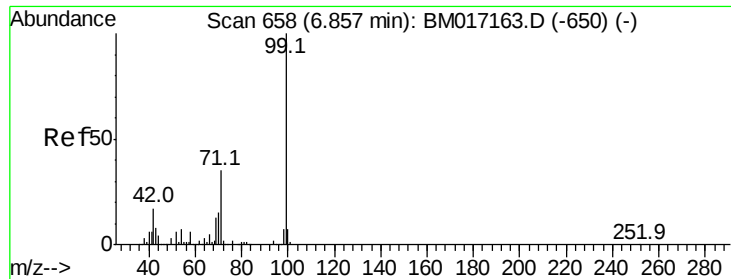
2-Fluorophenol
Concen: 112.479 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017352.D
Acq: 26 Oct 2018 17:33

Tgt Ion:112 Resp: 1568419
Ion Ratio Lower Upper
112 100
64 57.6 41.7 62.5
63 29.5 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: 115.375 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017352.D

Acq: 26 Oct 2018 17:33

Instrument :

BNA_M

ClientSampleId :

PB114216BL

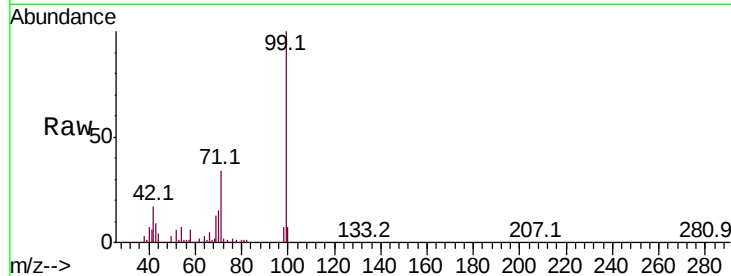
Tot Ion: 99 Resp: 2191085

Ion Ratio Lower Upper

99 100

42 17.0 13.3 19.9

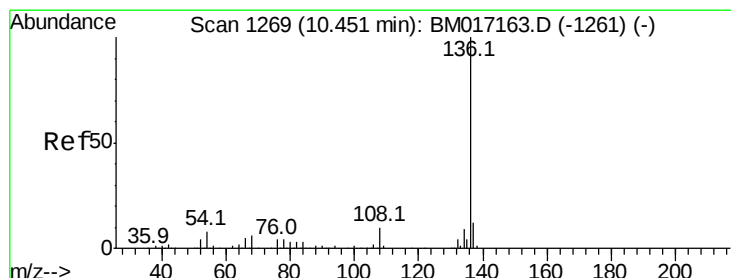
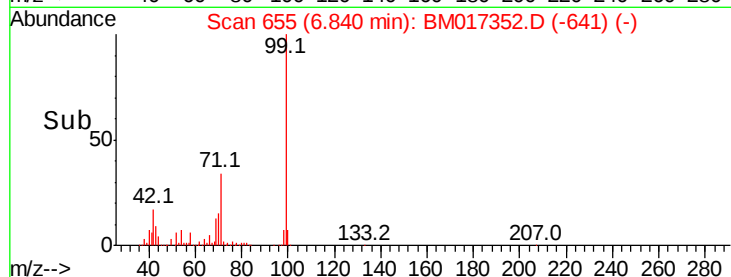
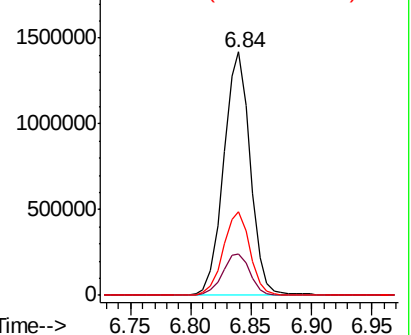
71 34.2 28.0 42.0



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: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017352.D

Acq: 26 Oct 2018 17:33

Tgt Ion: 136 Resp: 1036014

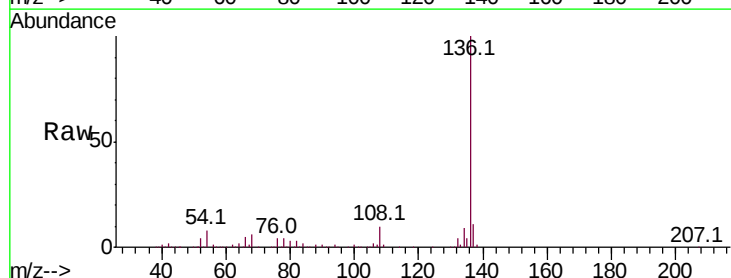
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.9 6.7 10.1

68 5.9 4.7 7.1

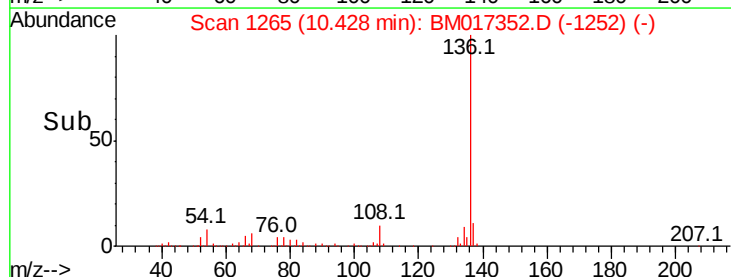
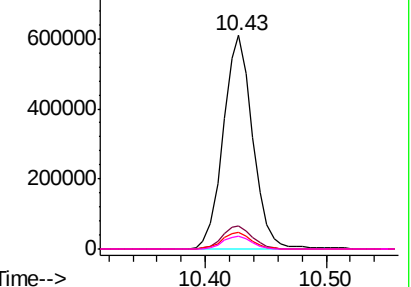


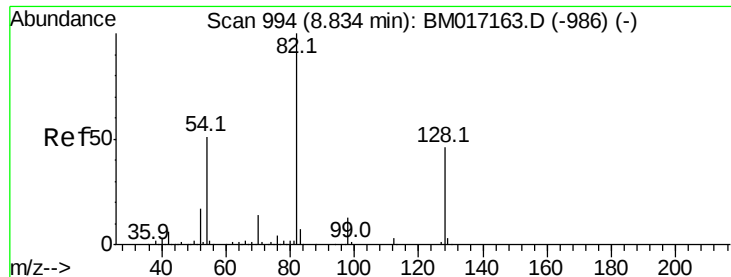
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

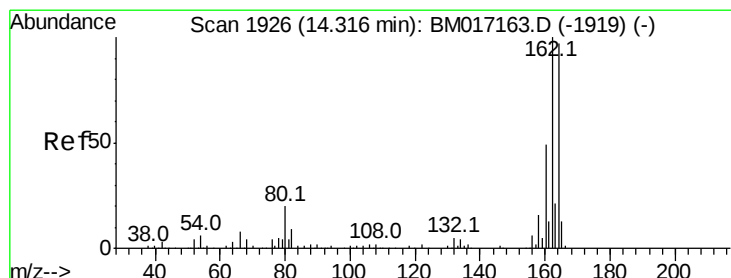
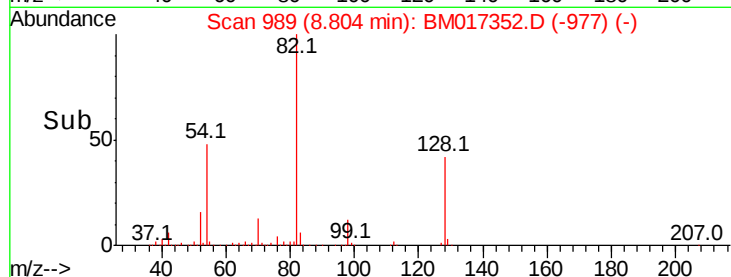
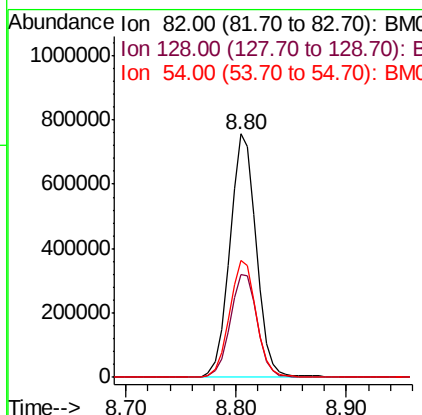
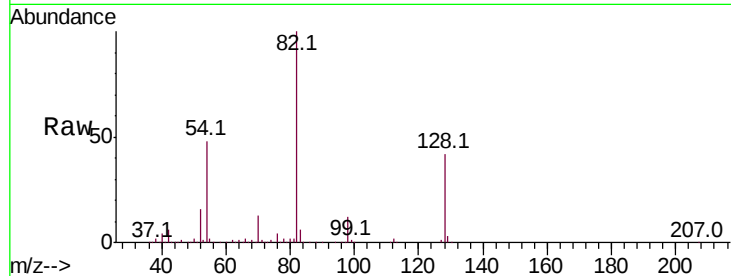




#23
 Nitrobenzene-d5
 Concen: 71.697 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BM017352.D
 Acq: 26 Oct 2018 17:33

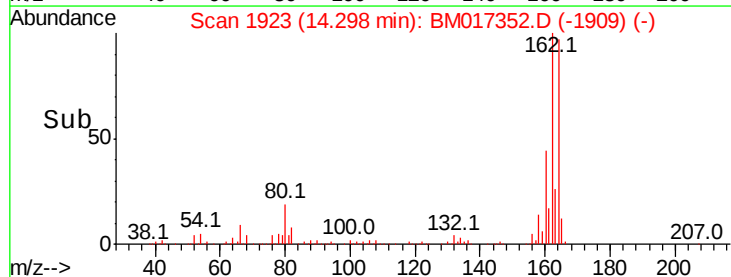
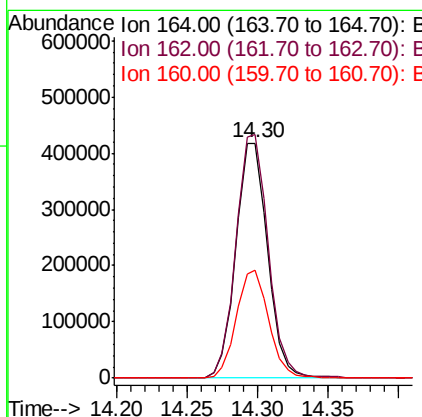
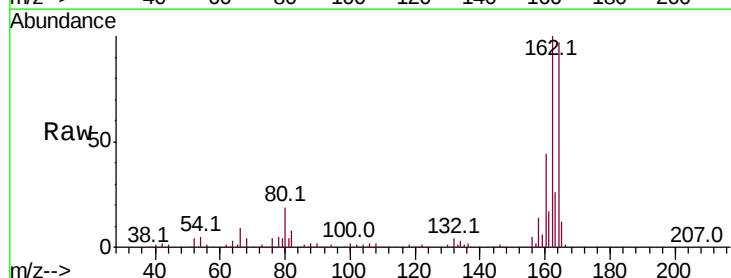
Instrument :
 BNA_M
 ClientSampleID :
 PB114216BL

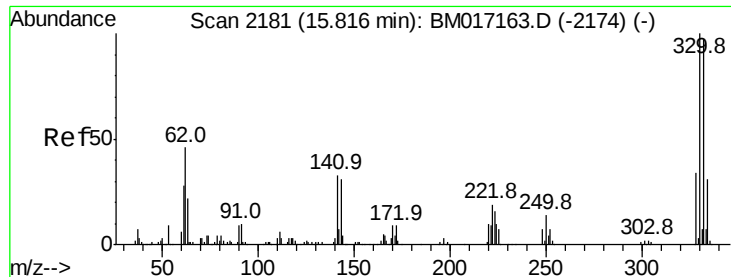
Tot Ion: 82 Resp: 1270036
 Ion Ratio Lower Upper
 82 100
 128 42.4 37.0 55.6
 54 48.1 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017352.D
 Acq: 26 Oct 2018 17:33

Tgt Ion: 164 Resp: 659490
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.1 123.1
 160 45.9 40.2 60.2

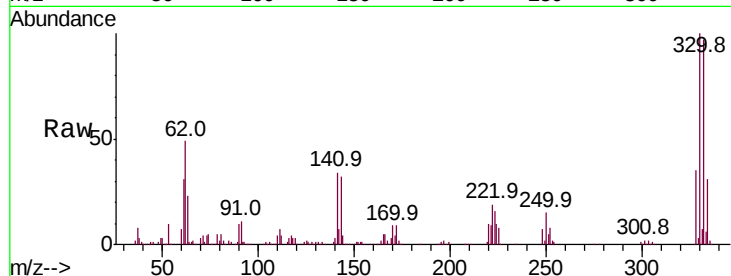




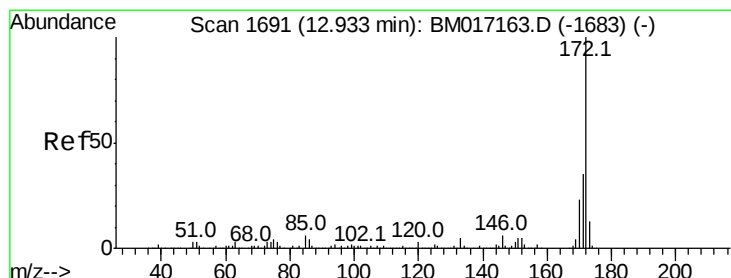
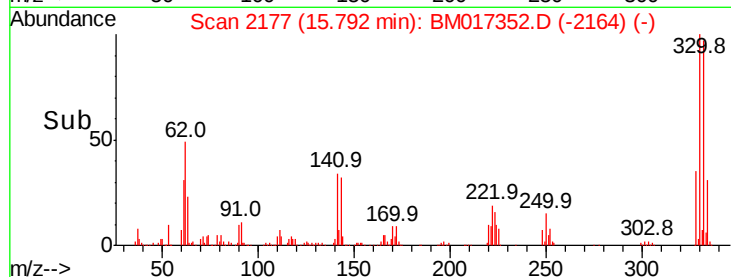
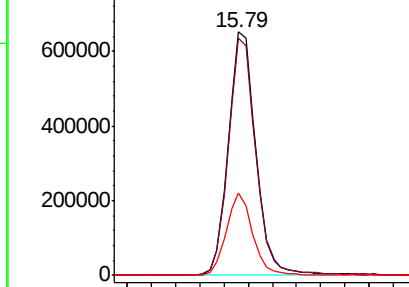
#42
 2,4,6-Tribromophenol
 Concen: 116.175 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017352.D
 Acq: 26 Oct 2018 17:33

Instrument :
 BNA_M
 ClientSampleId :
 PB114216BL

Tot Ion:330 Resp: 1036120
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 32.5 27.4 41.0

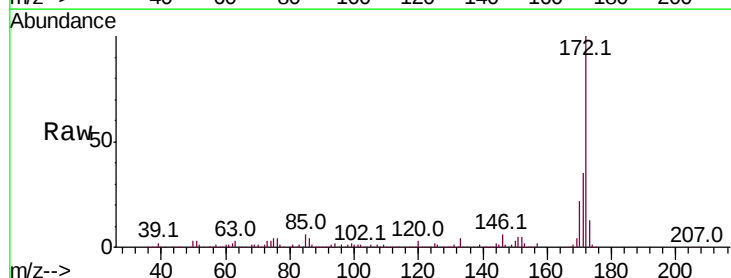


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

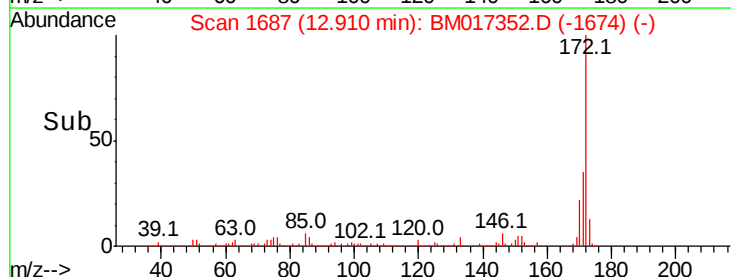
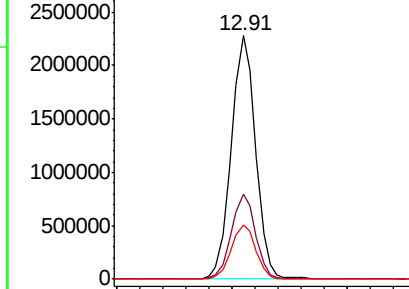


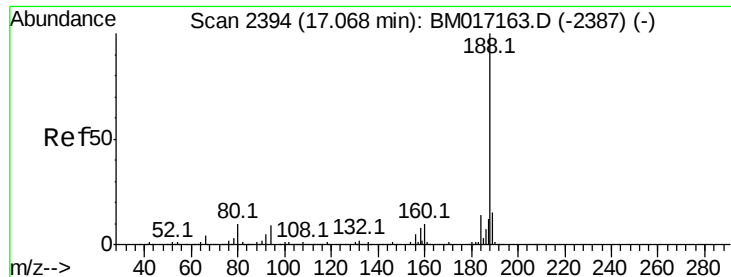
#45
 2-Fluorobiphenyl
 Concen: 67.305 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017352.D
 Acq: 26 Oct 2018 17:33

Tgt Ion:172 Resp: 3336004
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.5 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: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017352.D

Acq: 26 Oct 2018 17:33

Instrument :

BNA_M

ClientSampleId :

PB114216BL

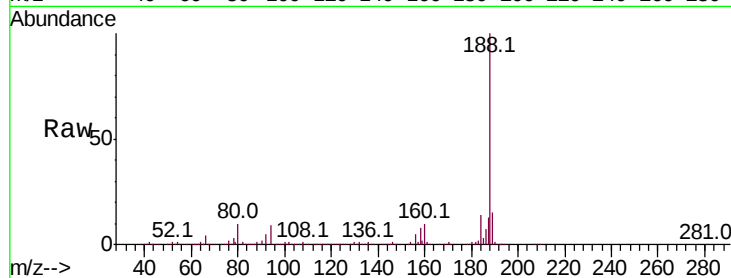
Tot Ion:188 Resp: 1670331

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

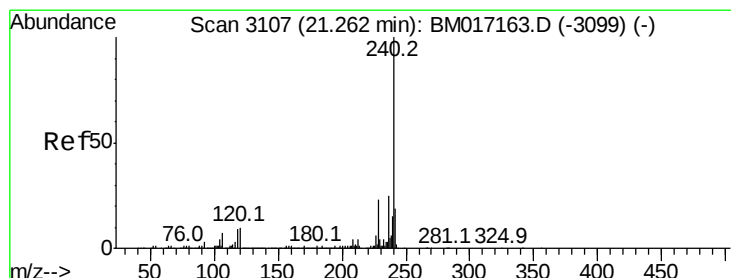
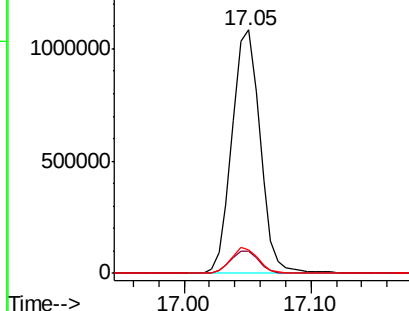
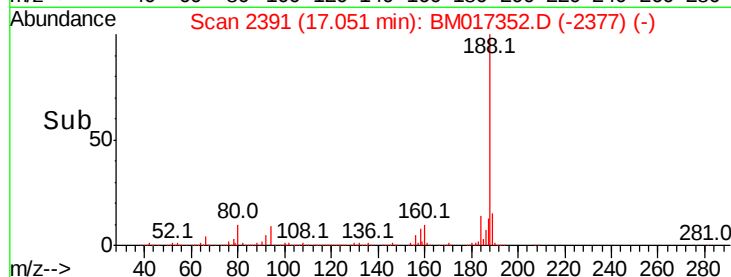
80 9.7 7.7 11.5



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: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017352.D

Acq: 26 Oct 2018 17:33

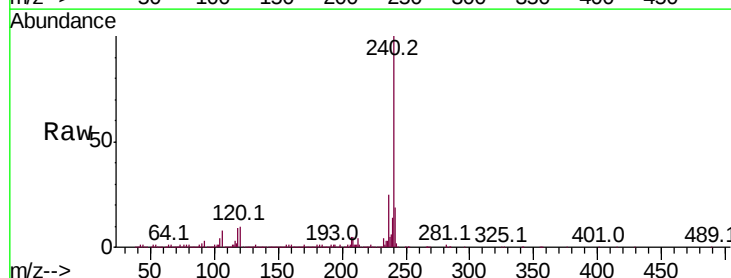
Tgt Ion:240 Resp: 2010728

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

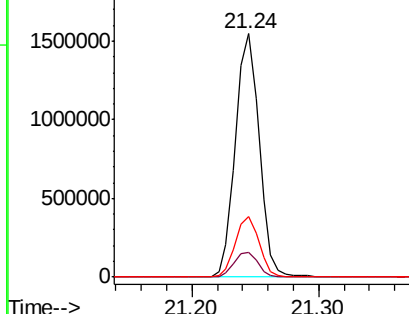
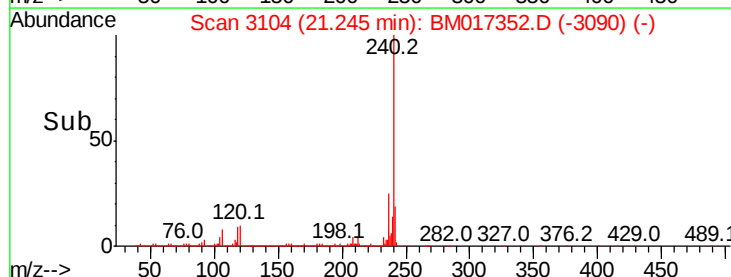
236 24.9 19.9 29.9

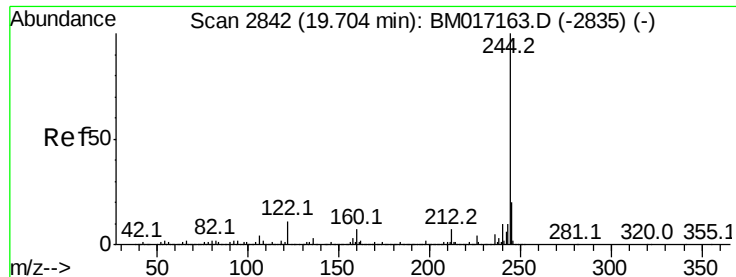


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.225 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017352.D

Acq: 26 Oct 2018 17:33

Instrument :

BNA_M

ClientSampleId :

PB114216BL

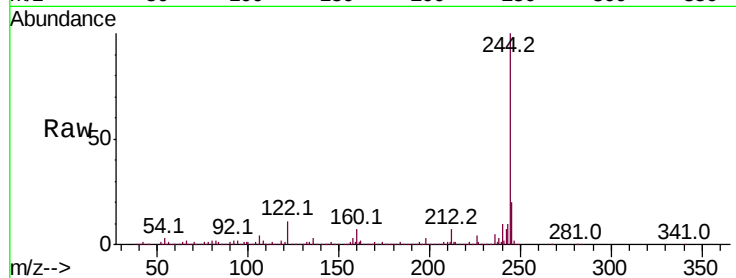
Tot Ion:244 Resp: 6086173

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

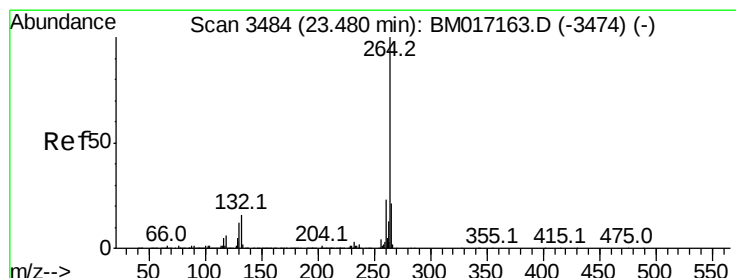
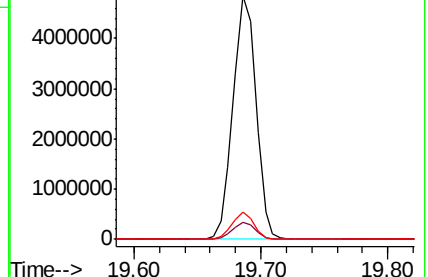
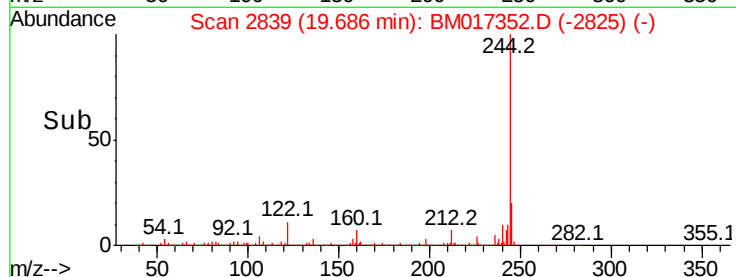
122 11.1 8.4 12.6



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: BM017352.D

Acq: 26 Oct 2018 17:33

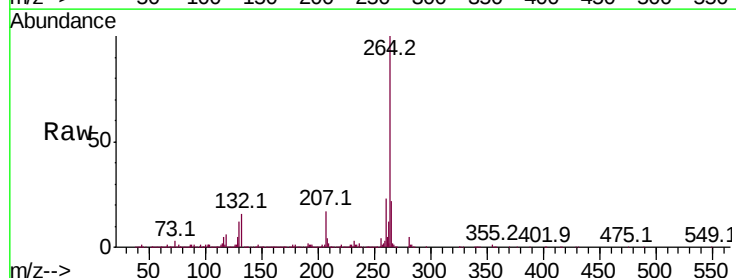
Tgt Ion:264 Resp: 1840379

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.7 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

