

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017237.D
 Acq On : 19 Oct 2018 19:28
 Operator : MJ/SJ
 Sample : PB113945BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113945BL

Quant Time: Oct 20 04:26:27 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	316384	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1268296	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	748110	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1666445	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1376012	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1127137	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1726404	92.29	ng	0.00
7) Phenol-d6	6.85	99	2293530	90.02	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1368571	63.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	902687	89.22	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3395493	60.39	ng	-0.01
79) Terphenyl-d14	19.70	244	4377041	71.70	ng	0.00

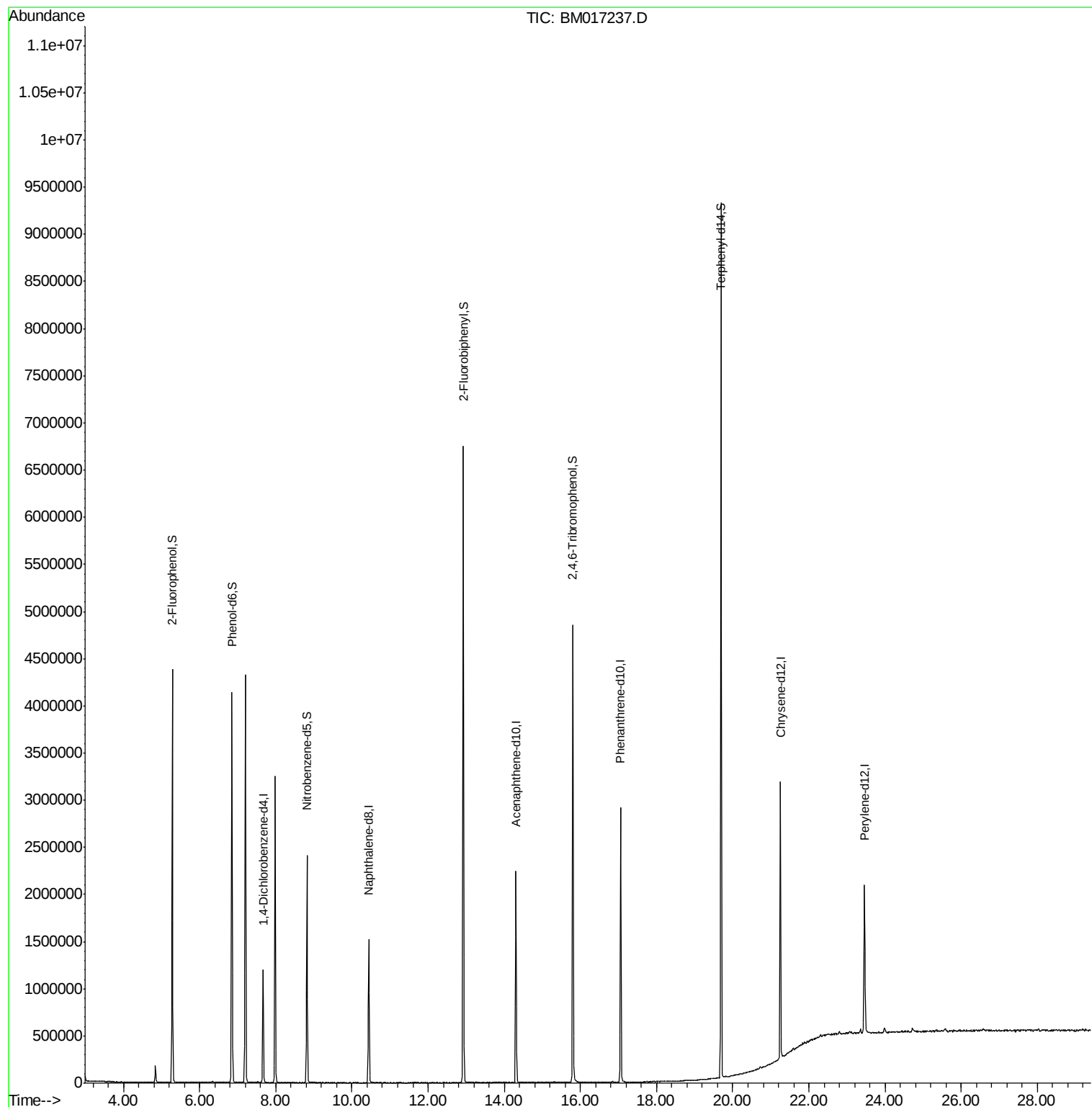
Target Compounds	Qvalue
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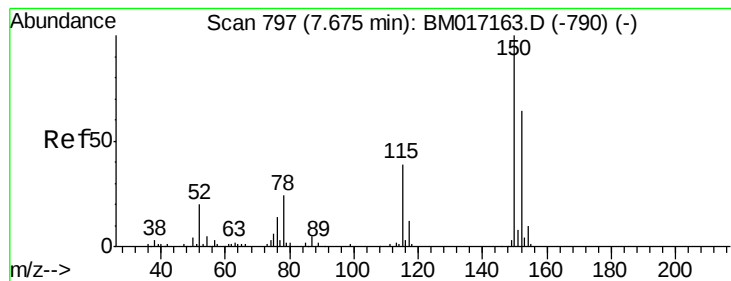
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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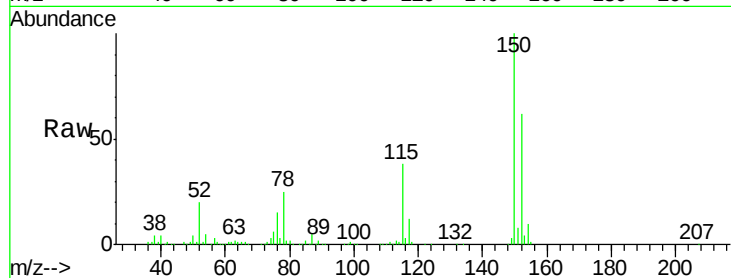


#1

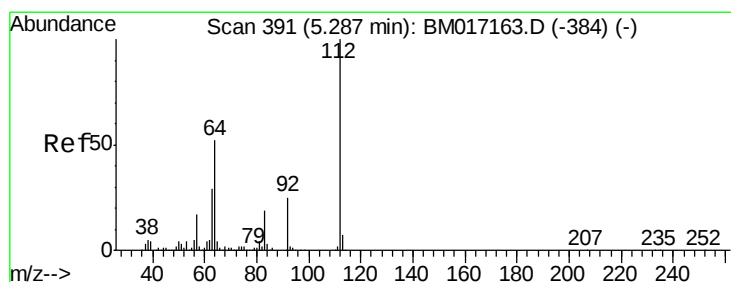
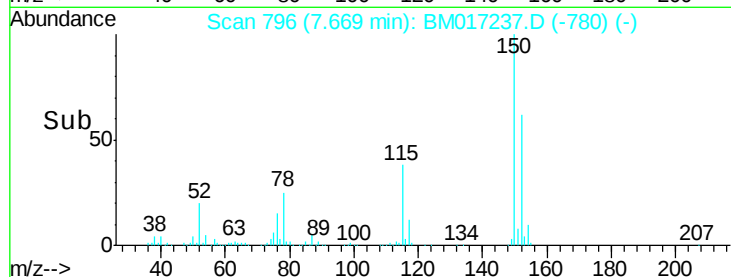
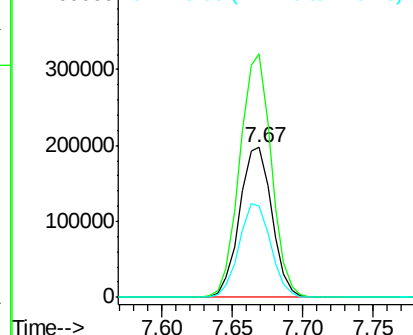
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Instrument :
BNA_M
ClientSampleId :
PB113945BL

Tgt Ion:152 Resp: 316384
Ion Ratio Lower Upper
152 100
150 162.4 124.3 186.5
115 61.2 48.1 72.1



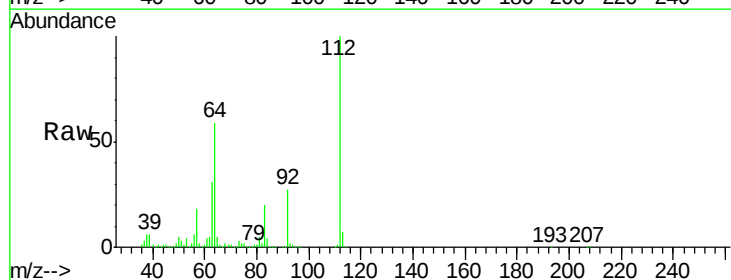
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



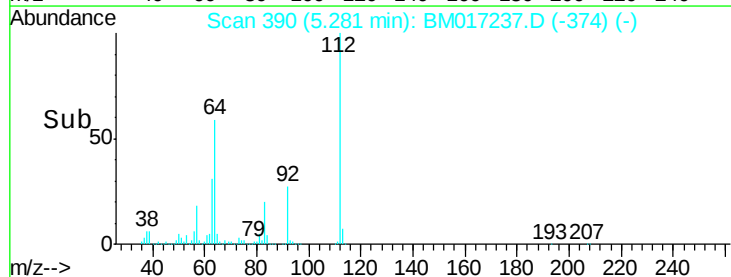
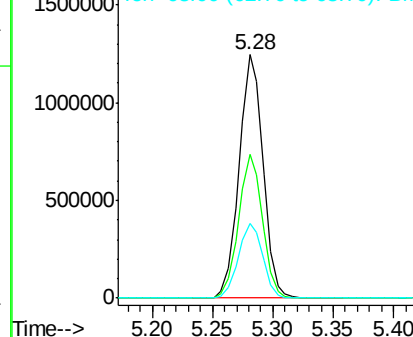
#5

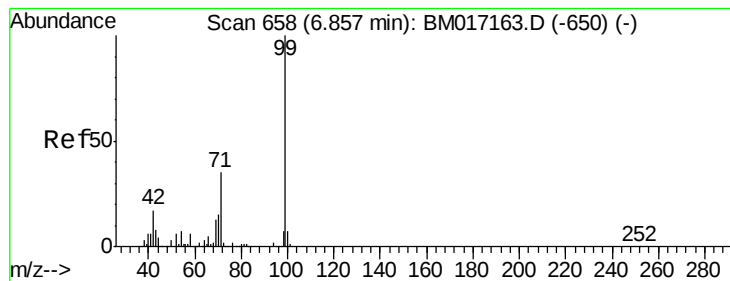
2-Fluorophenol
Concen: 92.291 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017237.D
Acq: 19 Oct 2018 19:28

Tgt Ion:112 Resp: 1726404
Ion Ratio Lower Upper
112 100
64 59.0 41.7 62.5
63 30.9 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: 90.024 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

PB113945BL

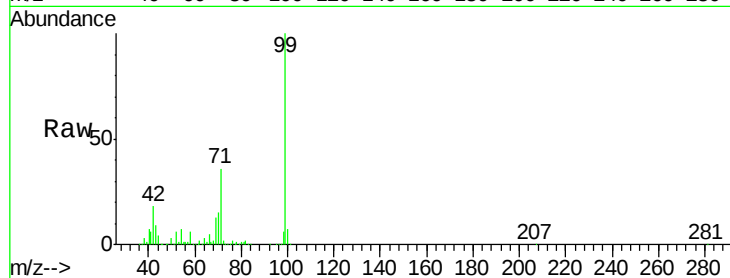
Tgt Ion: 99 Resp: 2293530

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

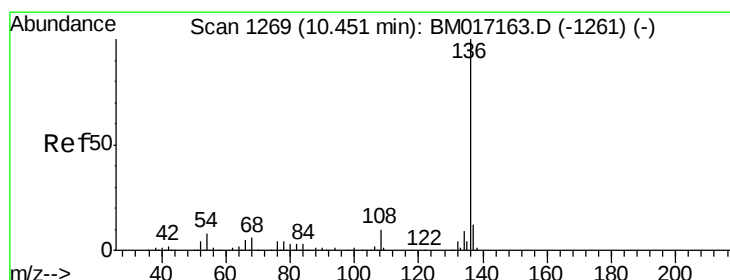
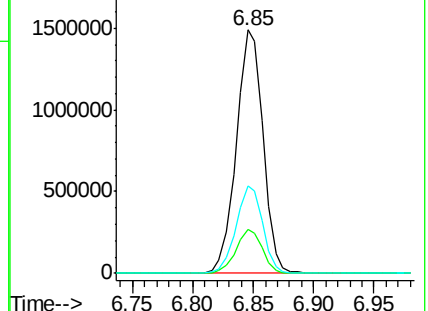
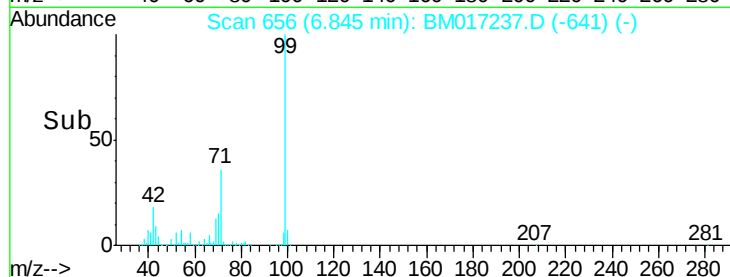
71 36.2 28.0 42.0



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: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Tgt Ion: 136 Resp: 1268296

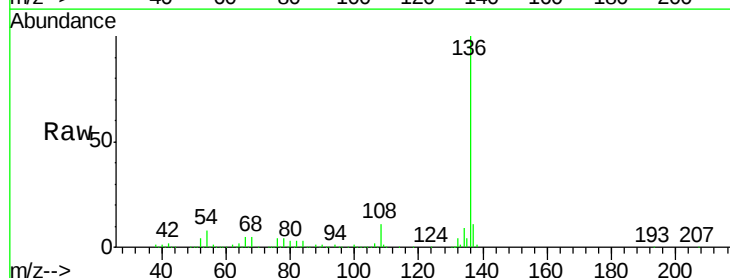
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.7 6.7 10.1

68 5.3 4.7 7.1

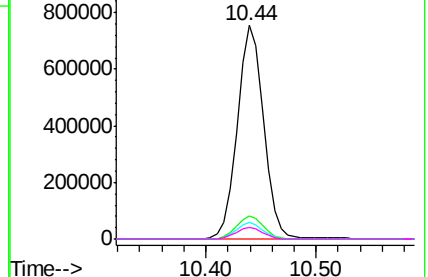
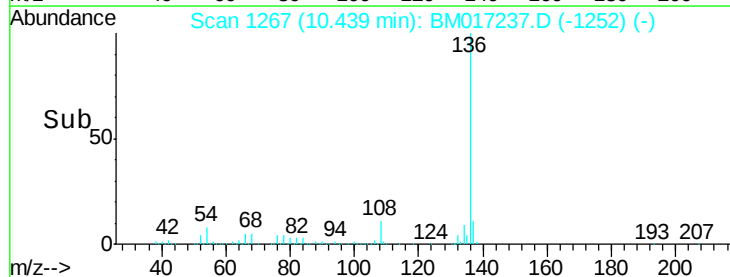


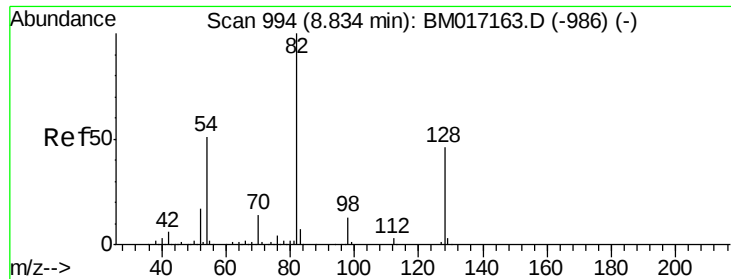
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

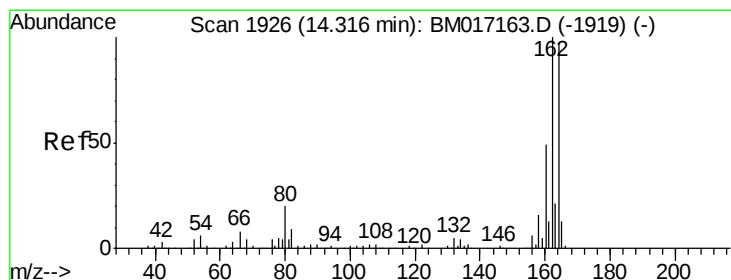
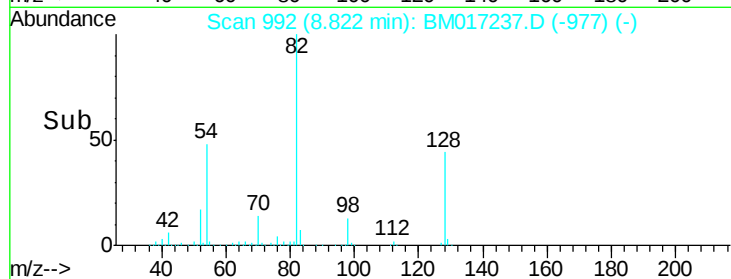
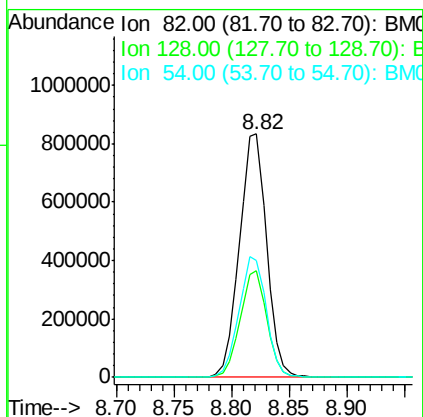
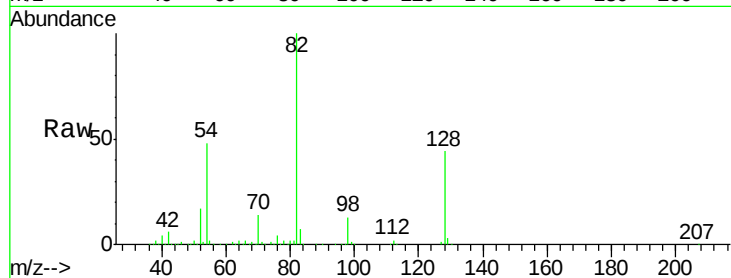




#23
 Nitrobenzene-d5
 Concen: 63.110 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

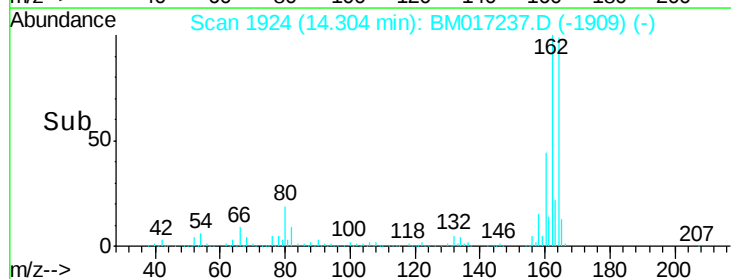
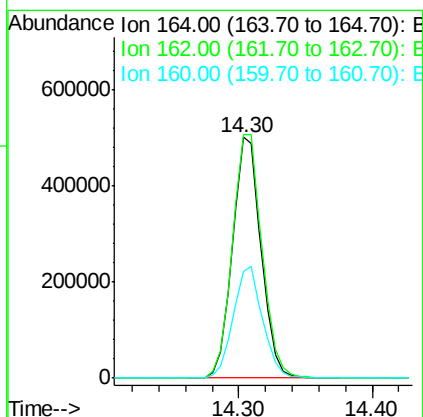
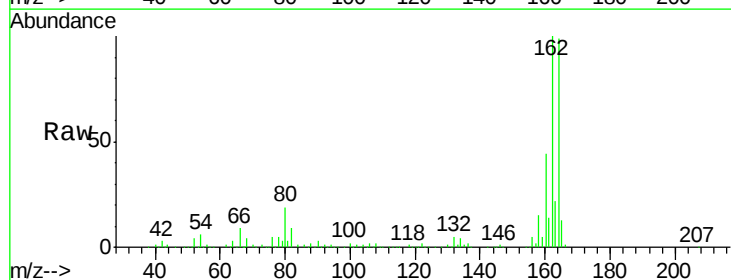
Instrument :
 BNA_M
 ClientSampleId :
 PB113945BL

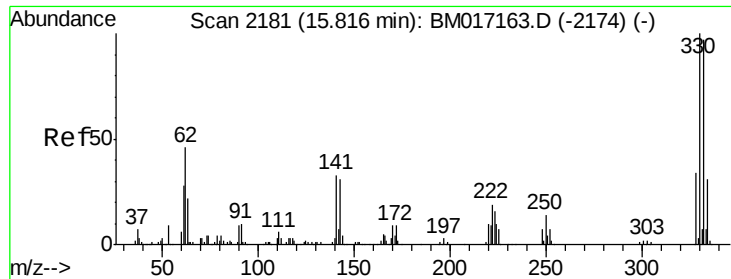
Tgt Ion: 82 Resp: 1368571
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.0 55.6
 54 48.2 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Tgt Ion: 164 Resp: 748110
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.1 123.1
 160 44.5 40.2 60.2

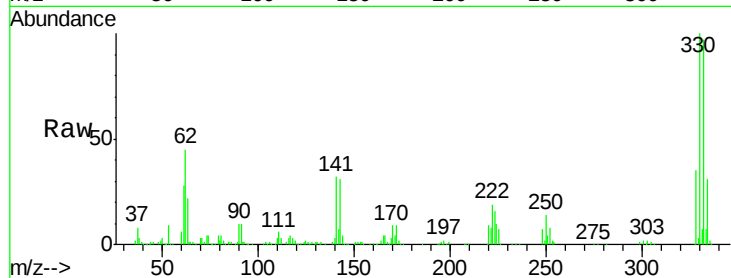




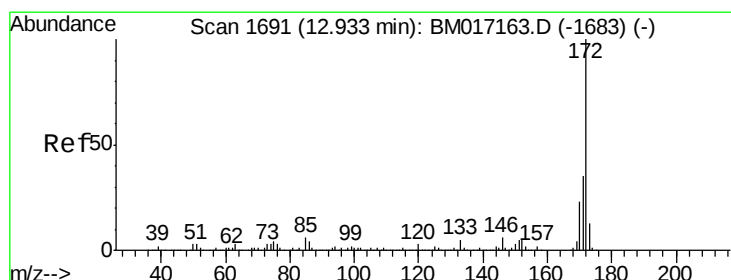
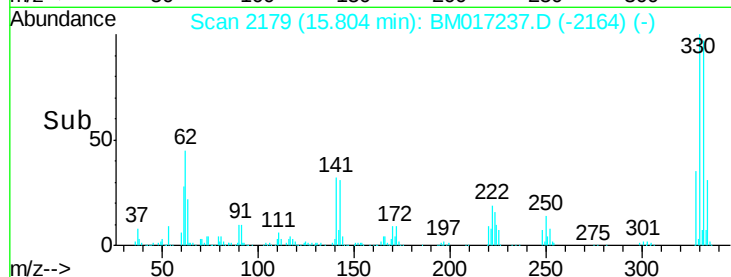
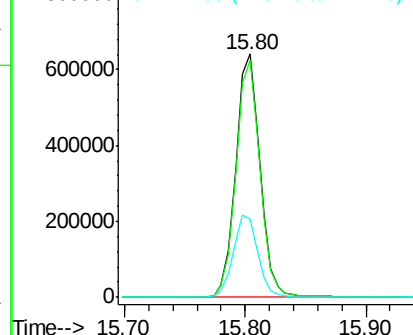
#42
 2,4,6-Tribromophenol
 Concen: 89.224 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Instrument :
 BNA_M
 ClientSampleId :
 PB113945BL

Tgt Ion:330 Resp: 902687
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 34.4 27.4 41.0

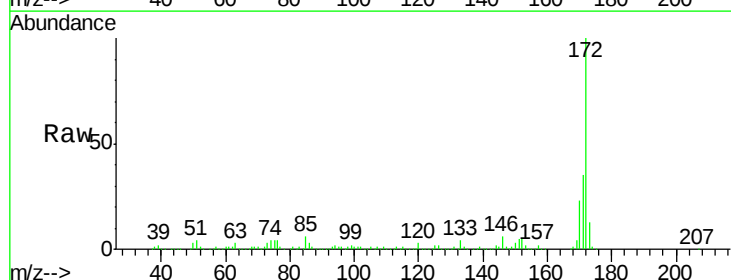


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

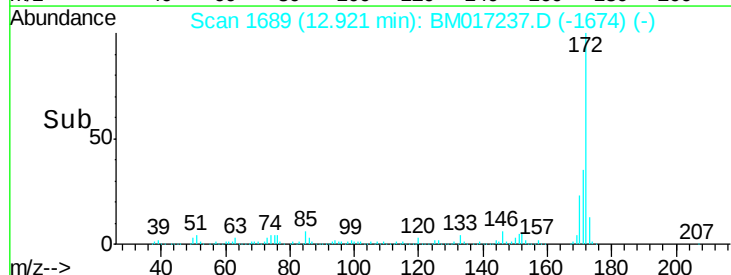
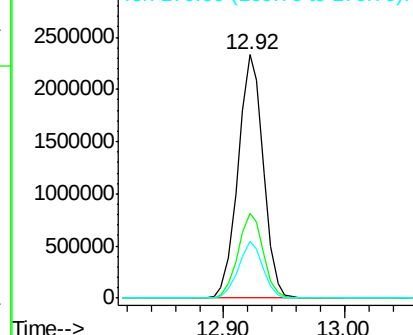


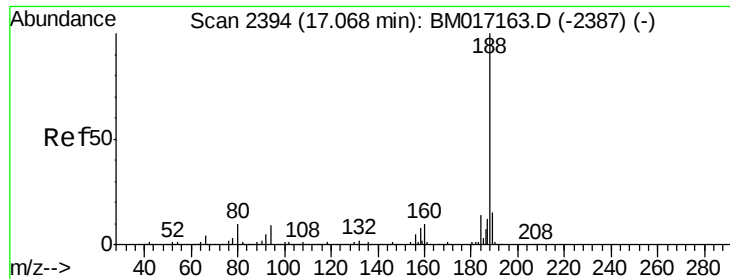
#45
 2-Fluorobiphenyl
 Concen: 60.390 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017237.D
 Acq: 19 Oct 2018 19:28

Tgt Ion:172 Resp: 3395493
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.3 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: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

PB113945BL

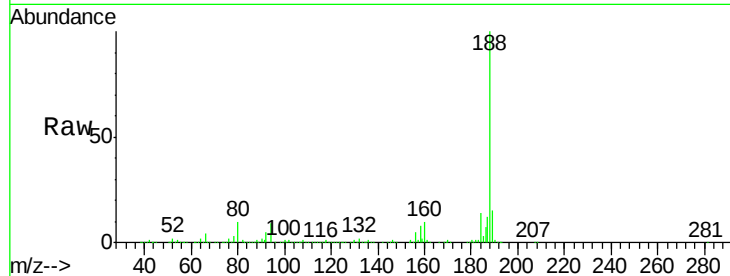
Tgt Ion:188 Resp: 1666445

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

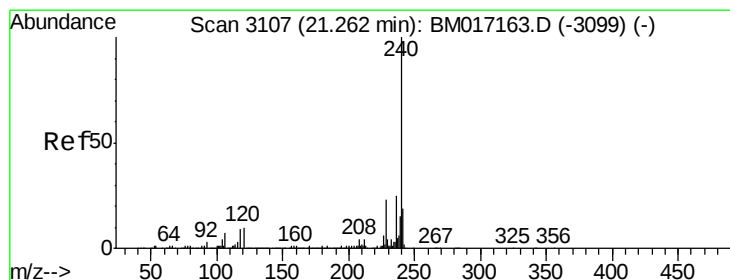
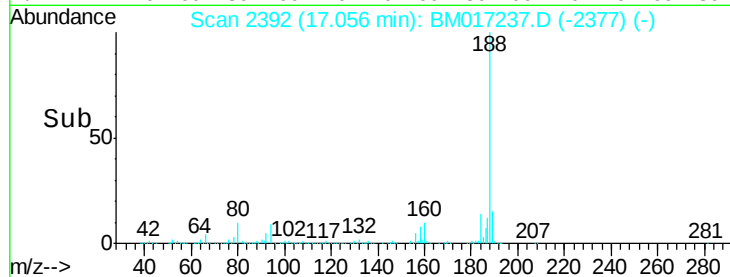
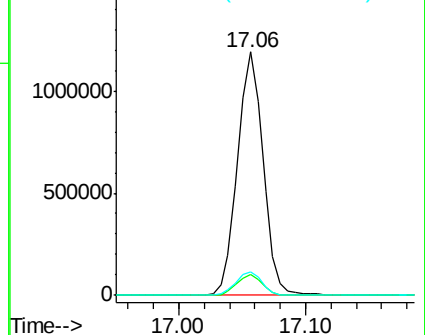
80 9.5 7.7 11.5



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: BM017237.D

Acq: 19 Oct 2018 19:28

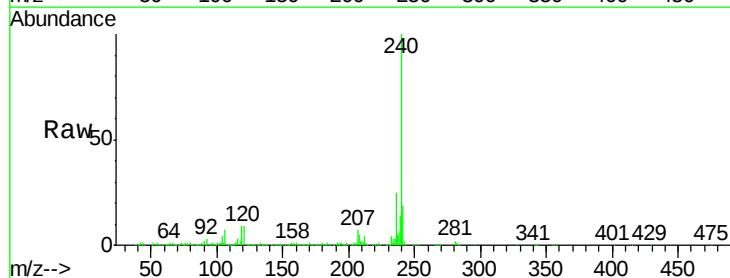
Tgt Ion:240 Resp: 1376012

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

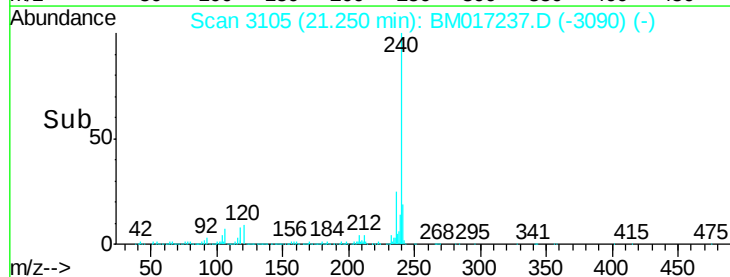
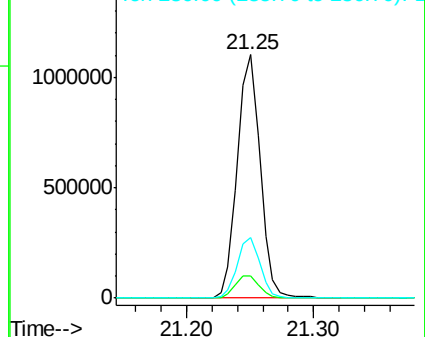
236 24.8 19.9 29.9

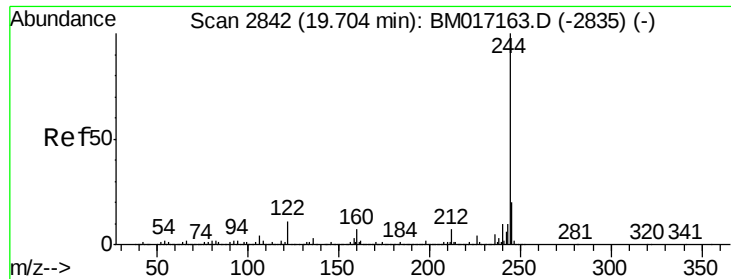


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.699 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017237.D

Acq: 19 Oct 2018 19:28

Instrument :

BNA_M

ClientSampleId :

PB113945BL

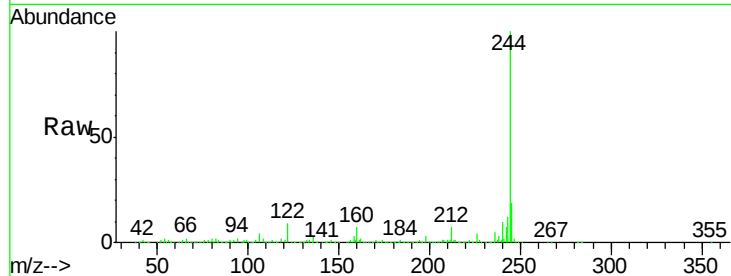
Tgt Ion:244 Resp: 4377041

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

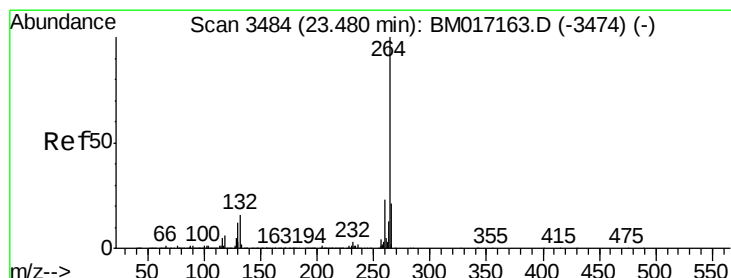
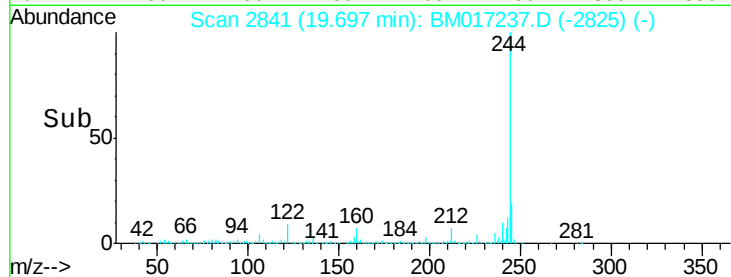
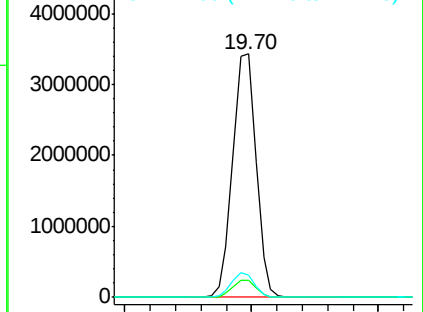
122 9.3 8.4 12.6



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: BM017237.D

Acq: 19 Oct 2018 19:28

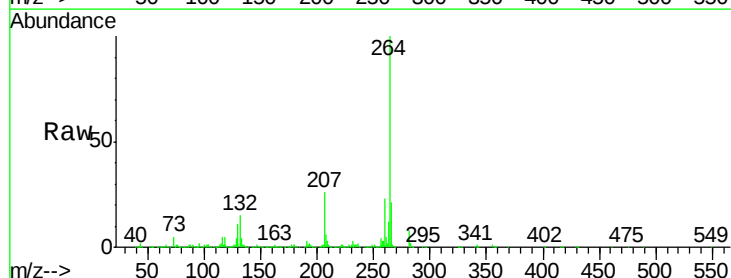
Tgt Ion:264 Resp: 1127137

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.7 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

