

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017221.D
 Acq On : 19 Oct 2018 09:08
 Operator : MJ/SJ
 Sample : J5202-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-03-101718-B

Quant Time: Oct 19 12:24:16 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	293938	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1118903	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	656586	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1498181	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1371667	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1210744	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1899396	109.29	ng	0.00
7) Phenol-d6	6.85	99	2160206	91.27	ng	0.00
23) Nitrobenzene-d5	8.82	82	1768229	92.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1197030	134.81	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4245317	86.03	ng	0.00
79) Terphenyl-d14	19.70	244	5896603	96.90	ng	0.00

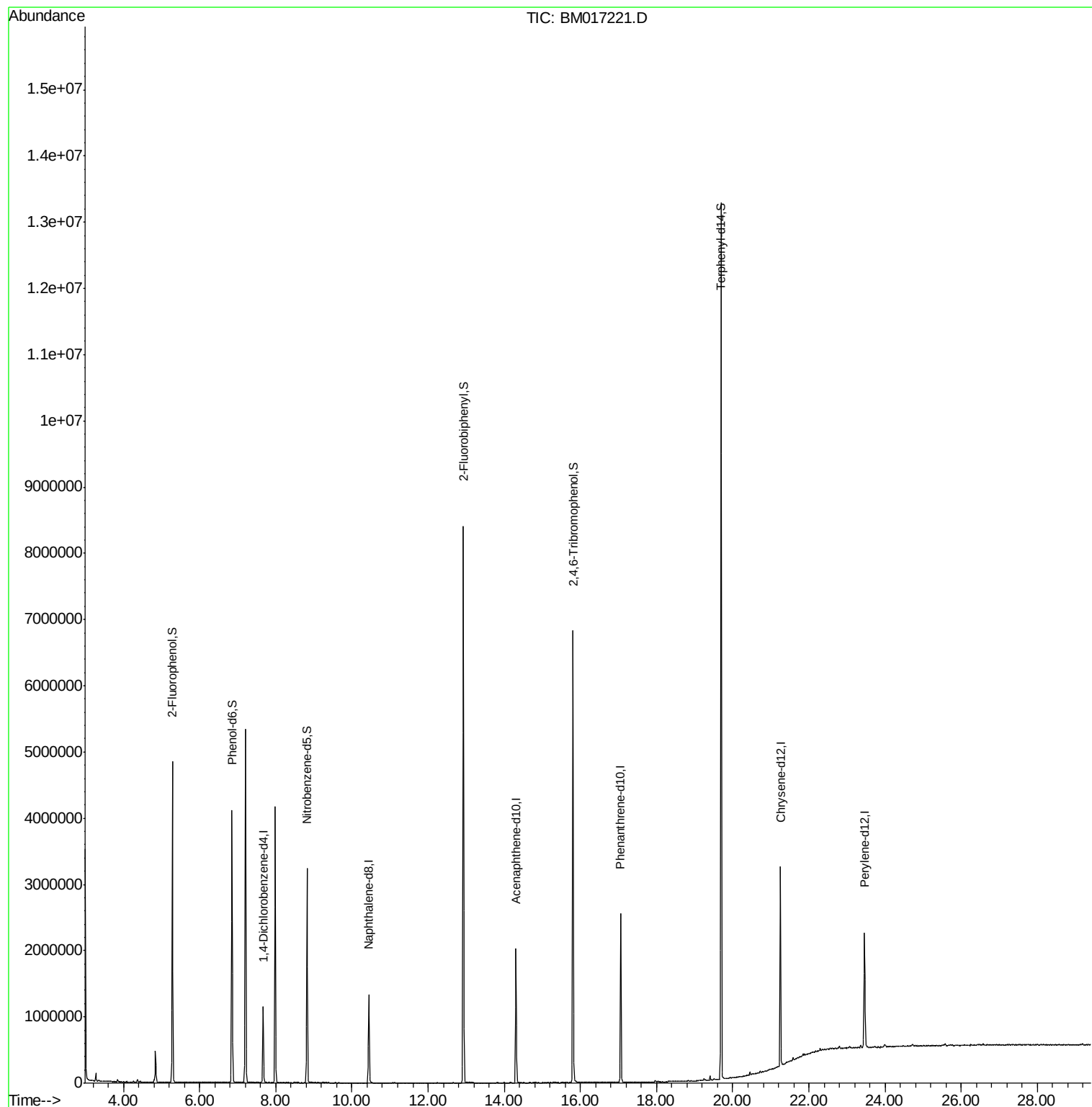
Target Compounds	Qvalue
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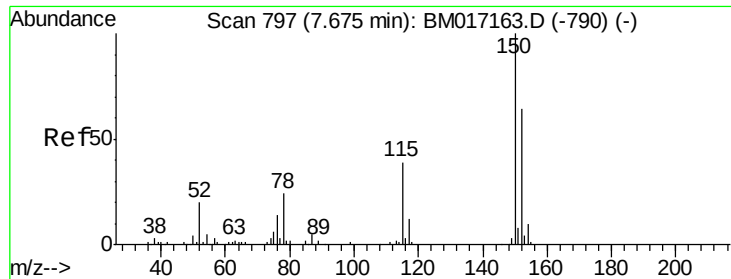
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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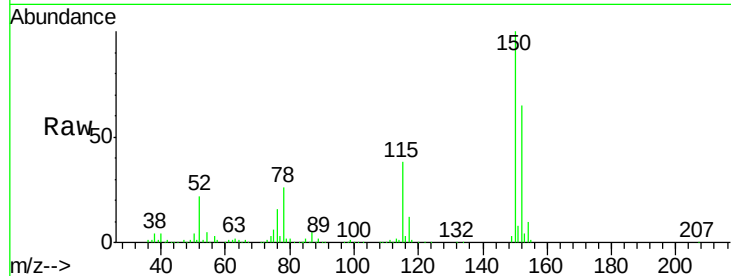


#1

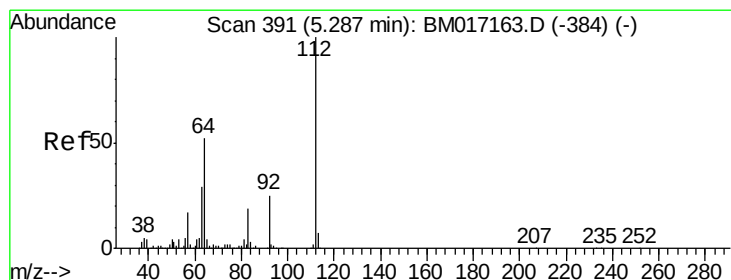
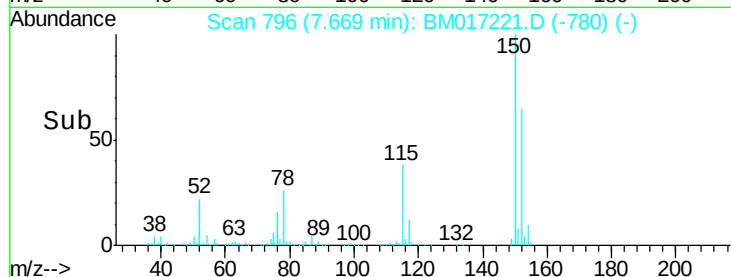
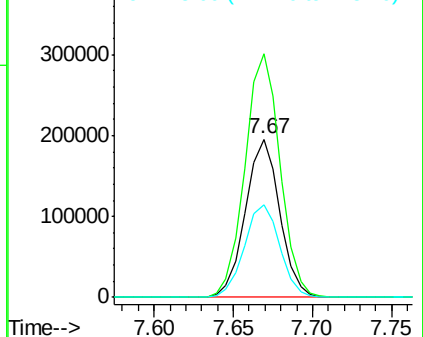
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017221.D
Acq: 19 Oct 2018 09:08

Instrument :
BNA_M
ClientSampleId :
PL-03-101718-B

Tgt Ion:152 Resp: 293938
Ion Ratio Lower Upper
152 100
150 154.0 124.3 186.5
115 58.7 48.1 72.1



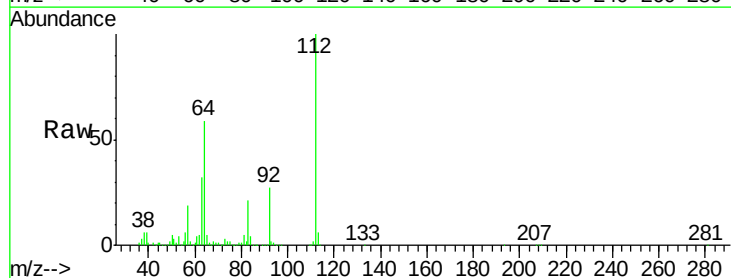
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



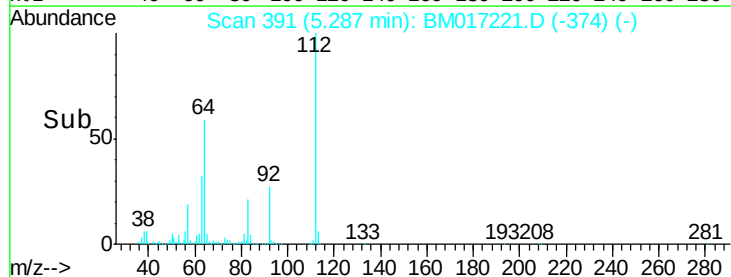
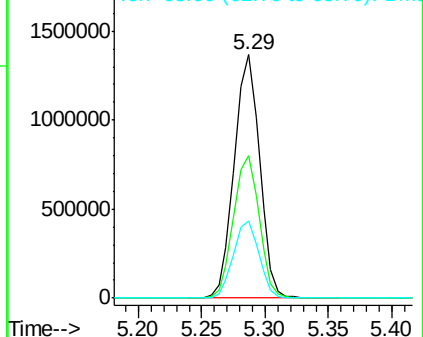
#5

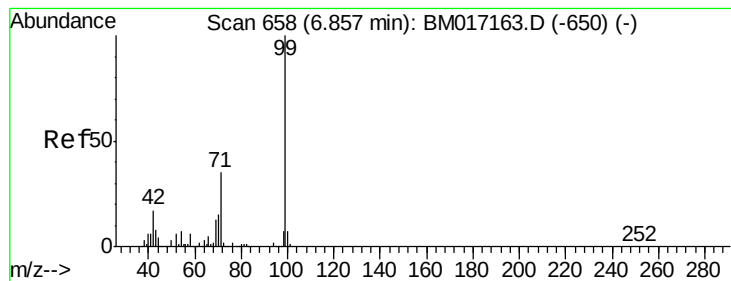
2-Fluorophenol
Concen: 109.292 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017221.D
Acq: 19 Oct 2018 09:08

Tgt Ion:112 Resp: 1899396
Ion Ratio Lower Upper
112 100
64 58.6 41.7 62.5
63 31.6 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: 91.266 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017221.D

Acq: 19 Oct 2018 09:08

Instrument :

BNA_M

ClientSampleId :

PL-03-101718-B

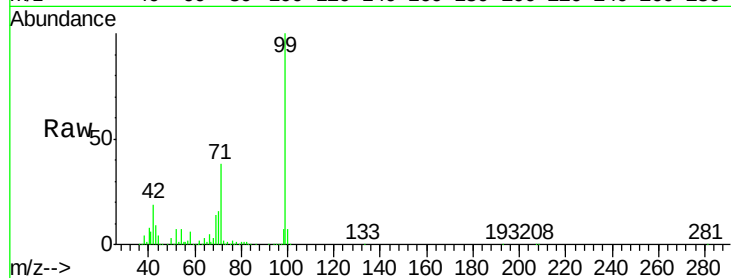
Tgt Ion: 99 Resp: 2160206

Ion Ratio Lower Upper

99 100

42 19.2 13.3 19.9

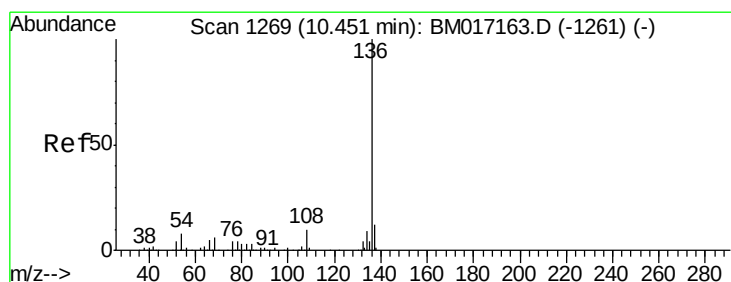
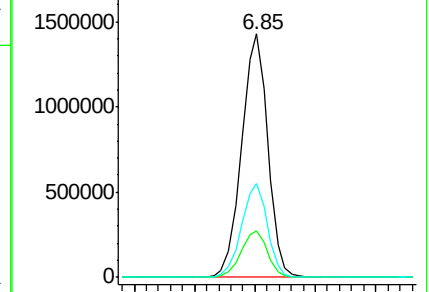
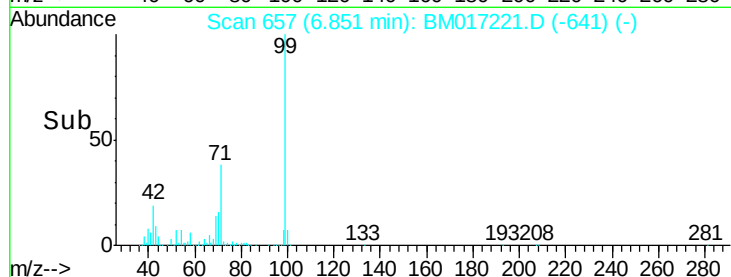
71 38.3 28.0 42.0



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: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017221.D

Acq: 19 Oct 2018 09:08

Tgt Ion: 136 Resp: 1118903

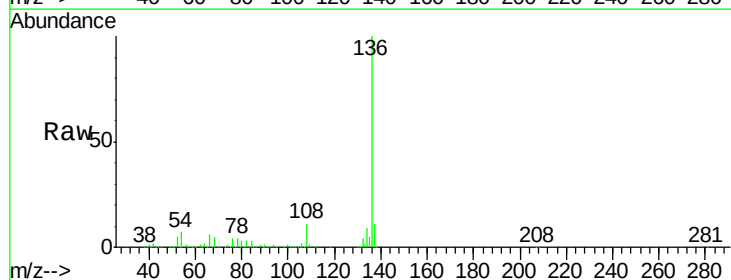
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.3 6.7 10.1

68 5.1 4.7 7.1

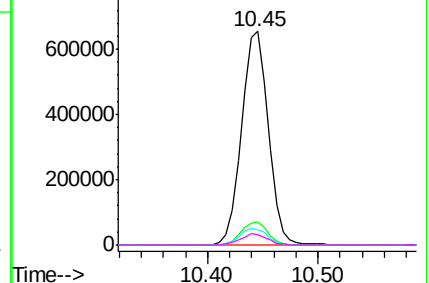
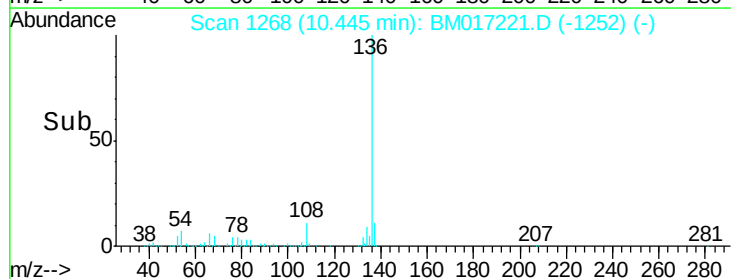


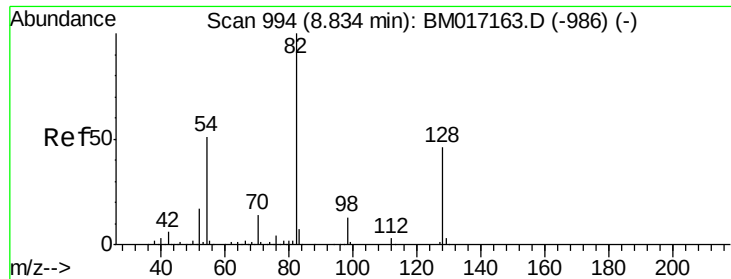
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)



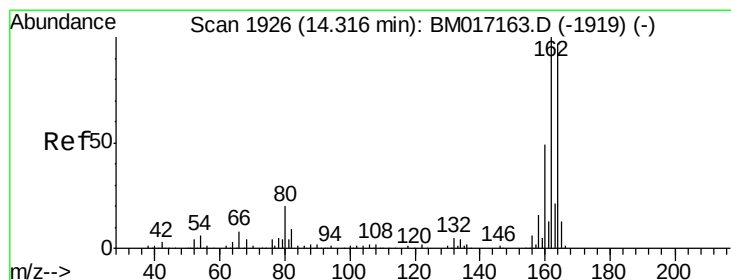
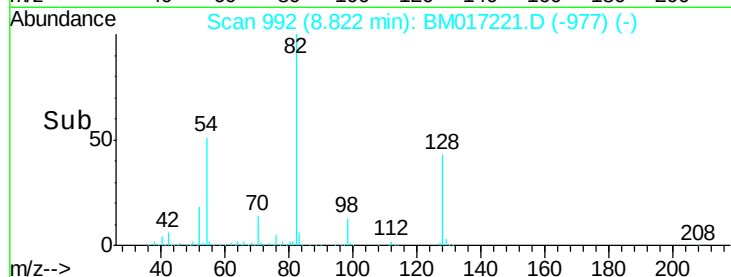
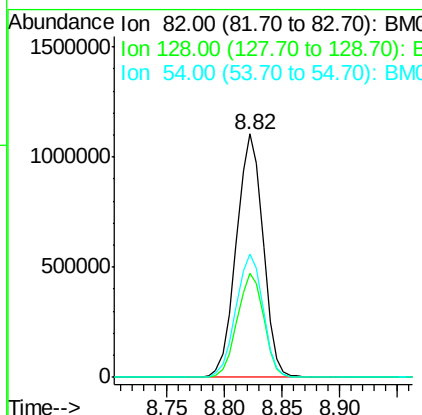
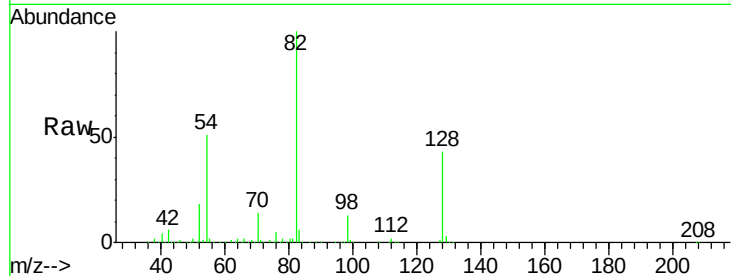


#23
 Nitrobenzene-d5
 Concen: 92.426 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017221.D
 Acq: 19 Oct 2018 09:08

Instrument :
 BNA_M
 ClientSampleId :
 PL-03-101718-B

Tgt Ion: 82 Resp: 1768229

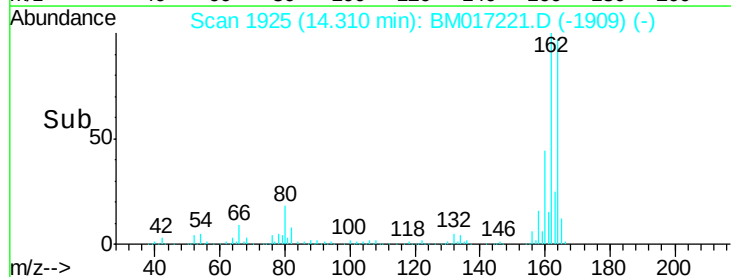
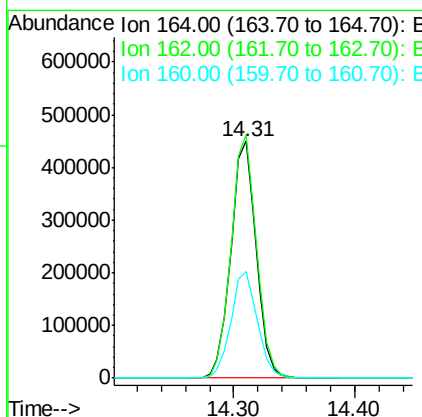
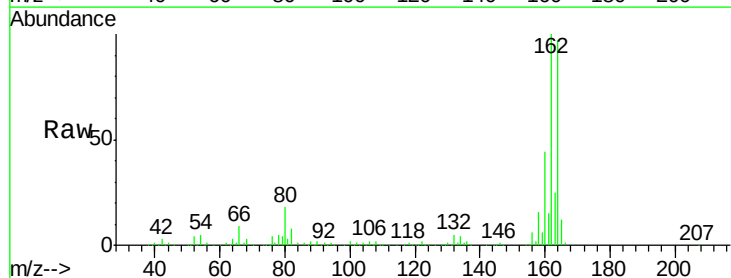
Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.0	55.6
54	50.8	40.7	61.1

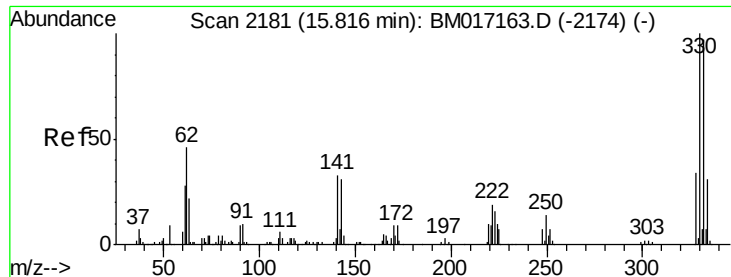


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM017221.D
 Acq: 19 Oct 2018 09:08

Tgt Ion: 164 Resp: 656586

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.1	123.1
160	45.1	40.2	60.2

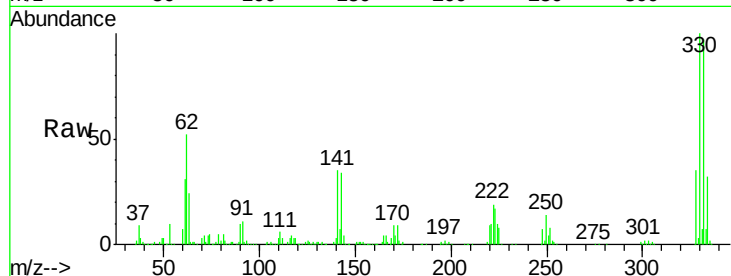




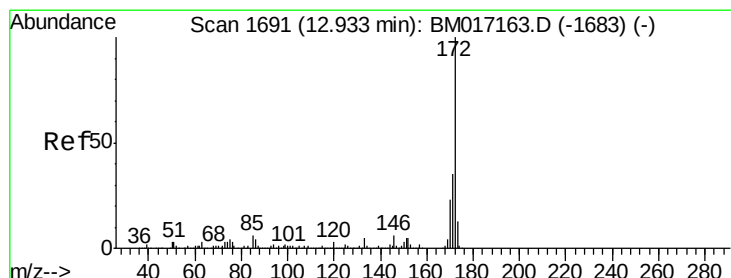
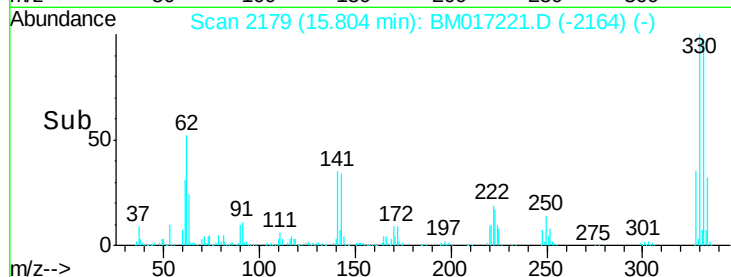
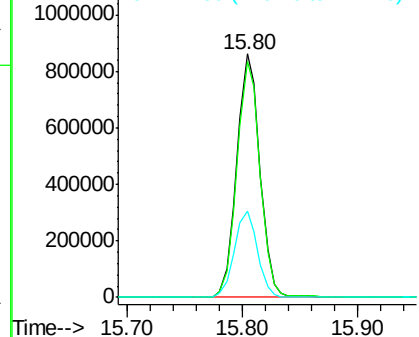
#42
 2,4,6-Tribromophenol
 Concen: 134.810 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017221.D
 Acq: 19 Oct 2018 09:08

Instrument :
 BNA_M
 ClientSampleId :
 PL-03-101718-B

Tgt Ion:330 Resp: 1197030
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 35.6 27.4 41.0

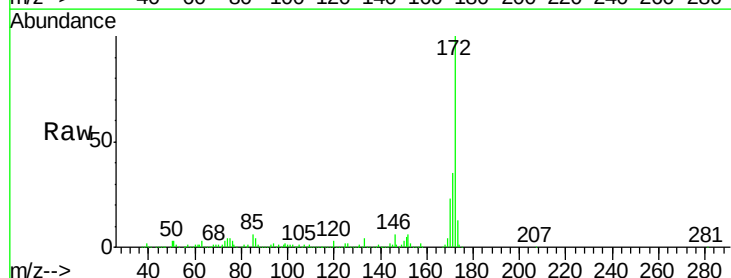


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

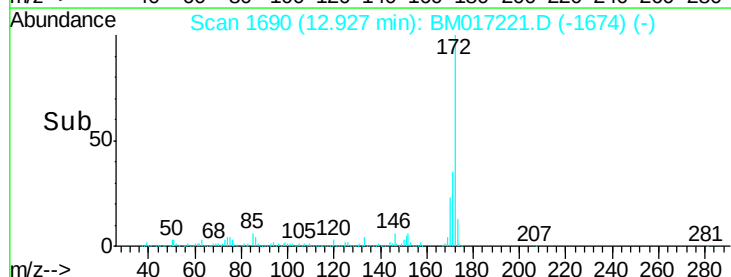
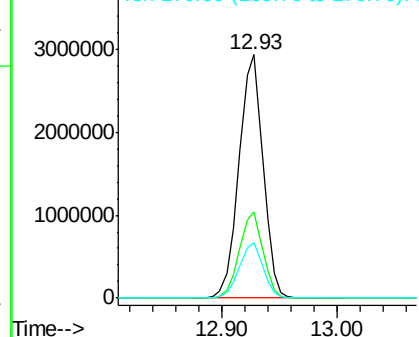


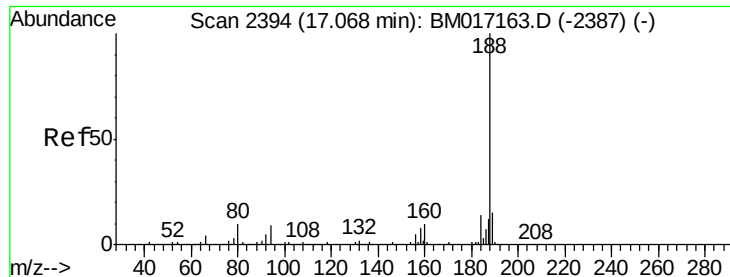
#45
 2-Fluorobiphenyl
 Concen: 86.029 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017221.D
 Acq: 19 Oct 2018 09:08

Tgt Ion:172 Resp: 4245317
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 22.7 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: BM017221.D

Acq: 19 Oct 2018 09:08

Instrument :

BNA_M

ClientSampleId :

PL-03-101718-B

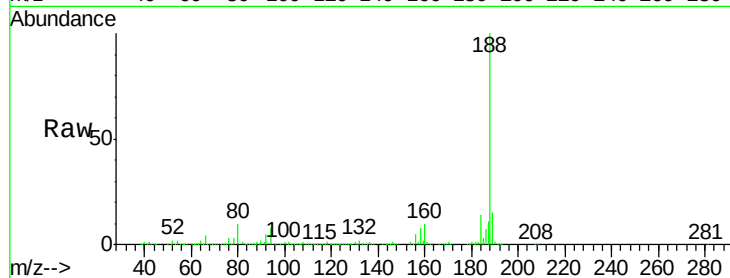
Tgt Ion:188 Resp: 1498181

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

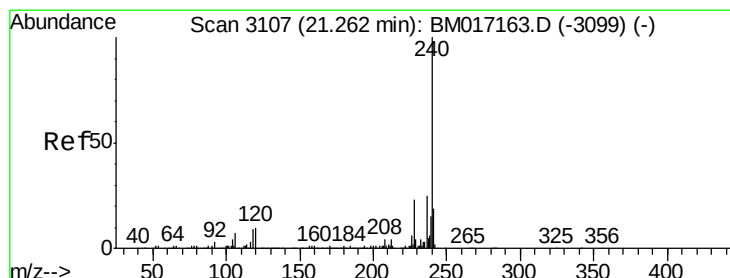
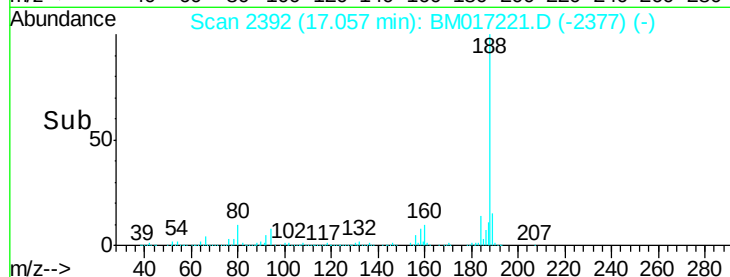
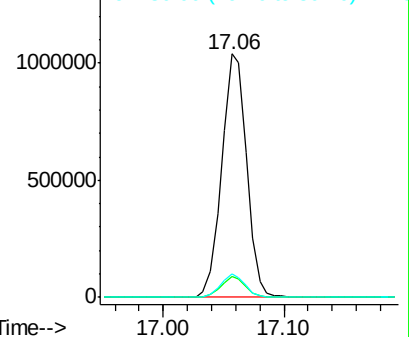
80 9.7 7.7 11.5



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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017221.D

Acq: 19 Oct 2018 09:08

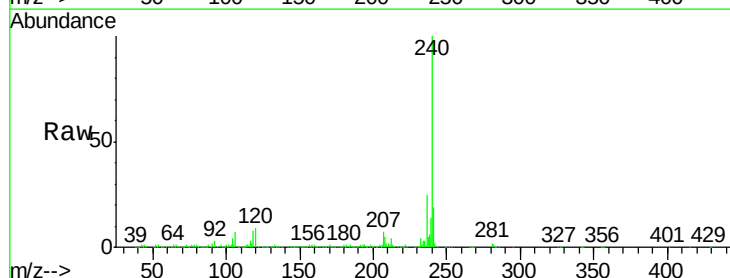
Tgt Ion:240 Resp: 1371667

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

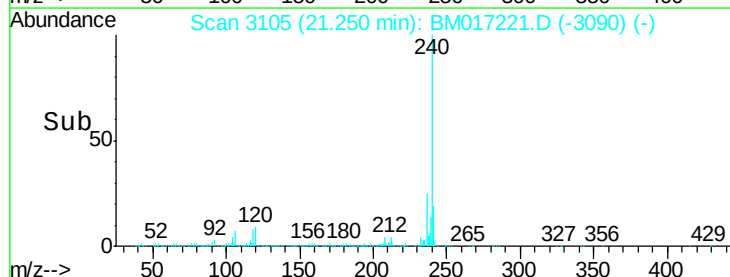
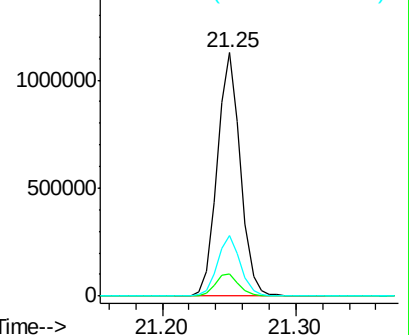
236 25.0 19.9 29.9

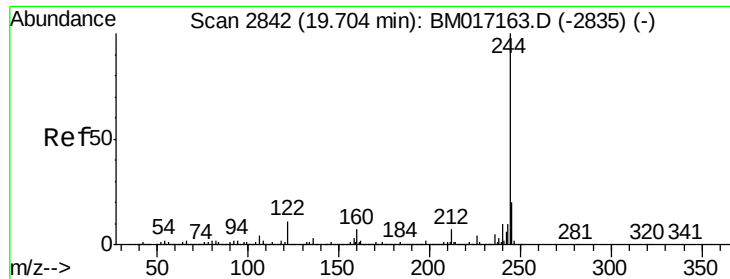


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

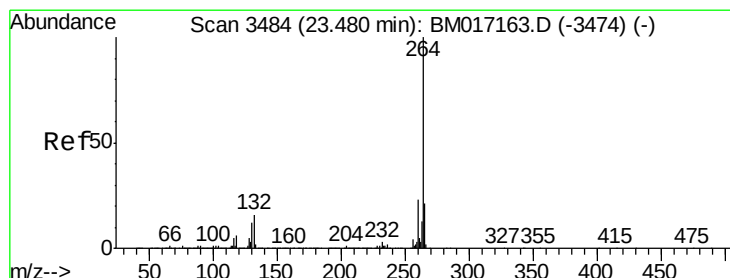
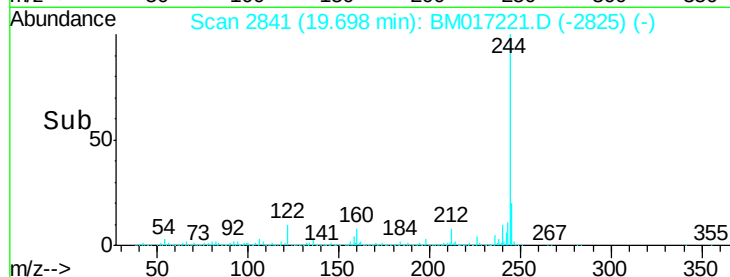
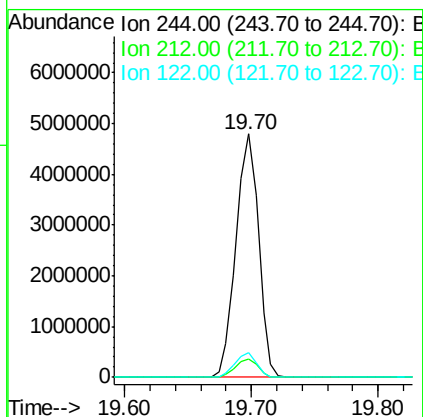
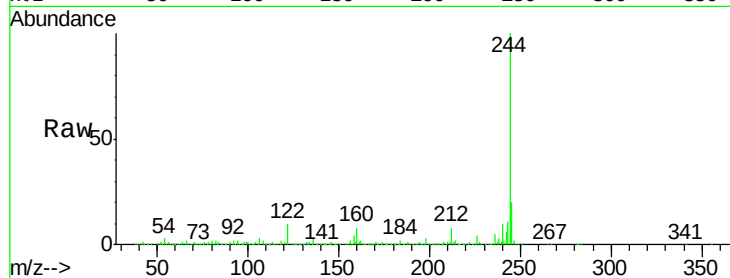




#79
 Terphenyl-d14
 Concen: 96.896 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017221.D
 Acq: 19 Oct 2018 09:08

Instrument :
 BNA_M
 ClientSampleId :
 PL-03-101718-B

Tgt Ion:244 Resp: 5896603
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 10.1 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017221.D
 Acq: 19 Oct 2018 09:08

Tgt Ion:264 Resp: 1210744
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.6 17.8 26.8

