

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017201.D
 Acq On : 18 Oct 2018 20:09
 Operator : MJ/SJ
 Sample : PB113954TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113954TB

Quant Time: Oct 19 13:53:29 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	237067	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	863184	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	450744	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	978236	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	938993	20.00	ng	-0.01
87) Perylene-d12	23.46	264	926927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1471669	104.99	ng	0.00
7) Phenol-d6	6.85	99	1858466	97.35	ng	0.00
23) Nitrobenzene-d5	8.82	82	1134402	76.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	623850	102.34	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	2545231	75.13	ng	0.00
79) Terphenyl-d14	19.70	244	3253427	78.10	ng	0.00

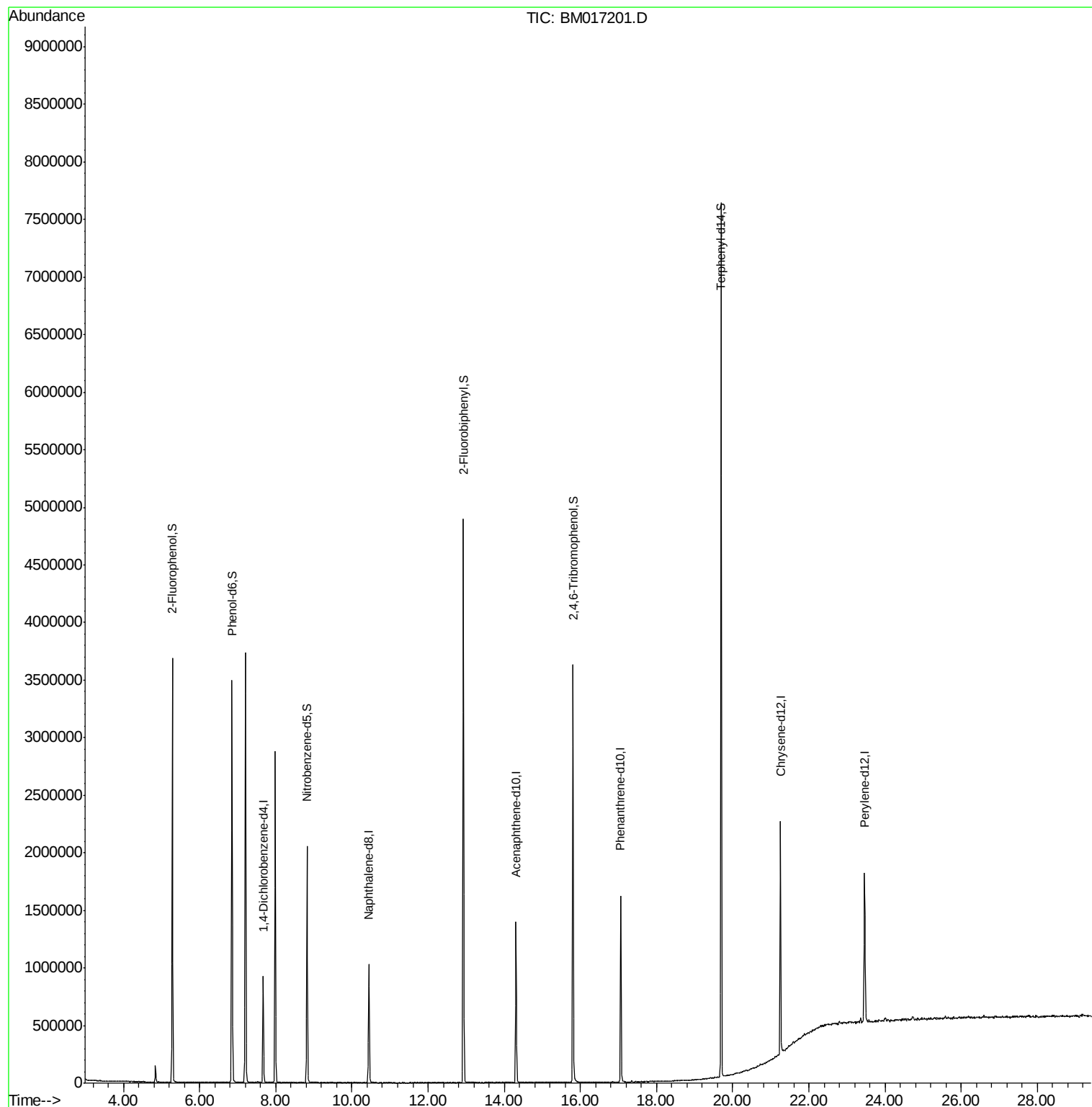
Target Compounds	Qvalue
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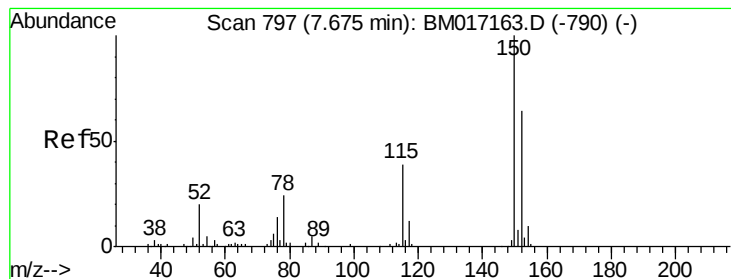
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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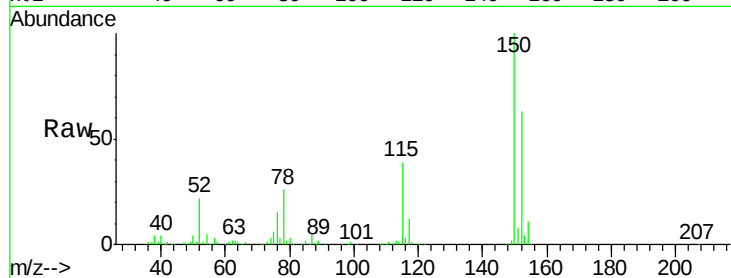


#1

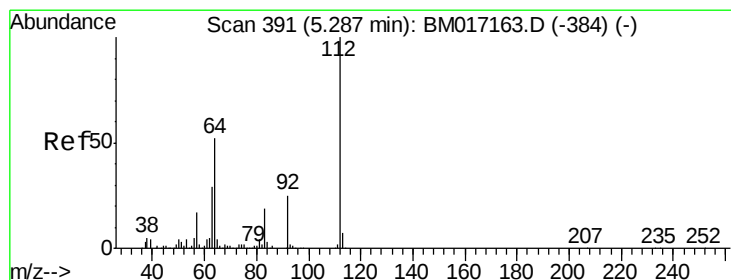
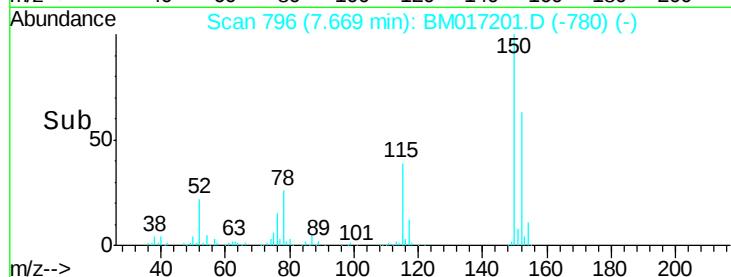
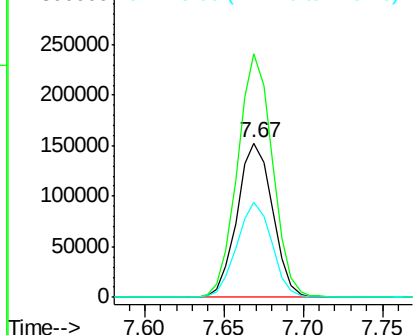
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017201.D
Acq: 18 Oct 2018 20:09

Instrument :
BNA_M
ClientSampleId :
PB113954TB

Tgt Ion:152 Resp: 237067
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 61.5 48.1 72.1



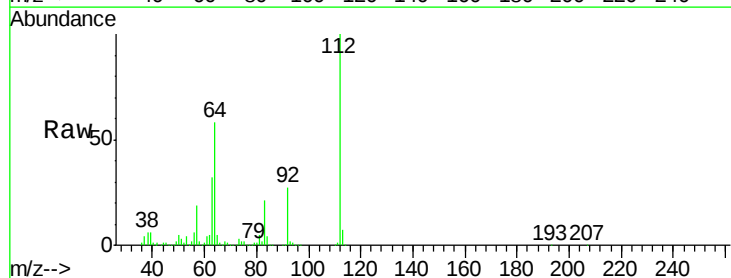
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



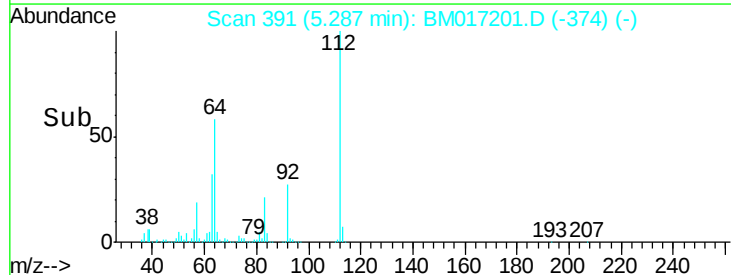
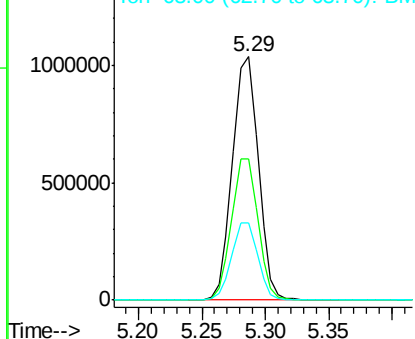
#5

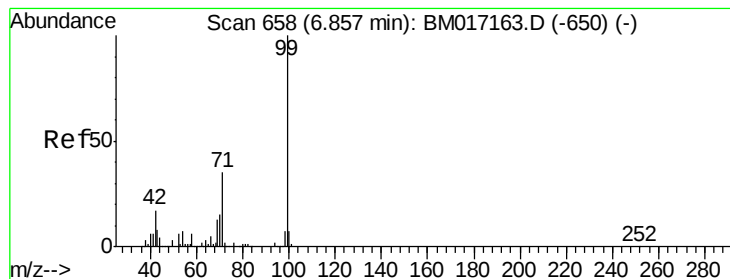
2-Fluorophenol
Concen: 104.995 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017201.D
Acq: 18 Oct 2018 20:09

Tgt Ion:112 Resp: 1471669
Ion Ratio Lower Upper
112 100
64 58.2 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: 97.354 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017201.D

Acq: 18 Oct 2018 20:09

Instrument :

BNA_M

ClientSampleId :

PB113954TB

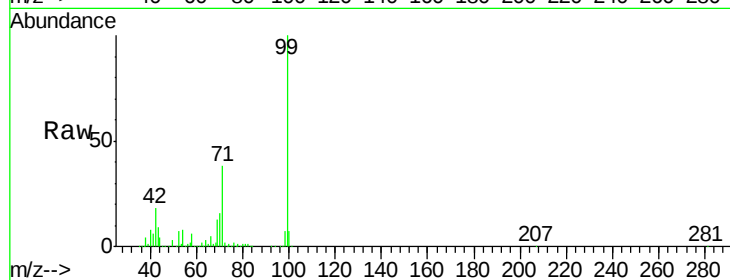
Tgt Ion: 99 Resp: 1858466

Ion Ratio Lower Upper

99 100

42 18.3 13.3 19.9

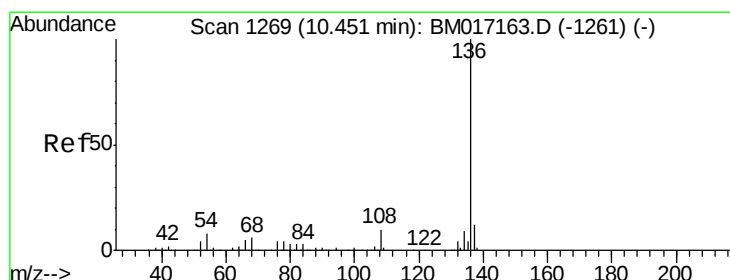
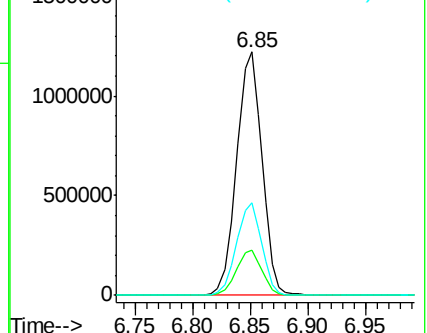
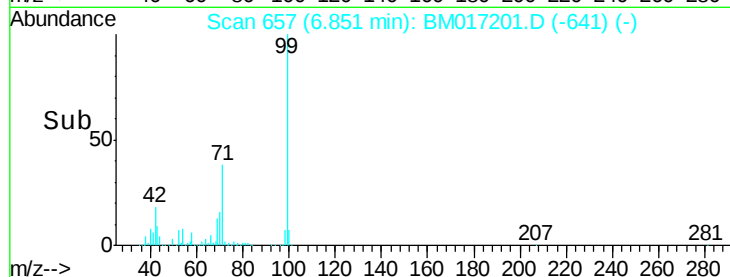
71 37.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017201.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017201.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017201.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017201.D

Acq: 18 Oct 2018 20:09

Tgt Ion: 136 Resp: 863184

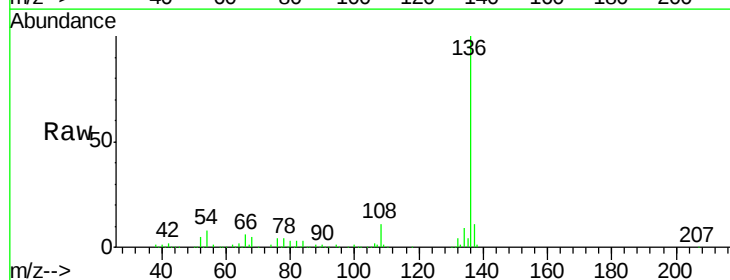
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.6 6.7 10.1

68 5.2 4.7 7.1

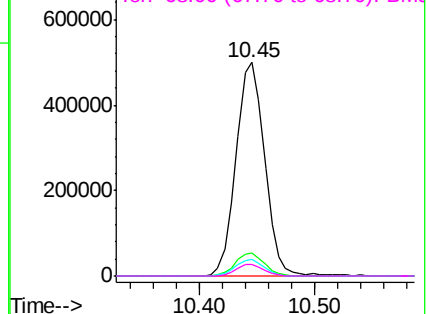
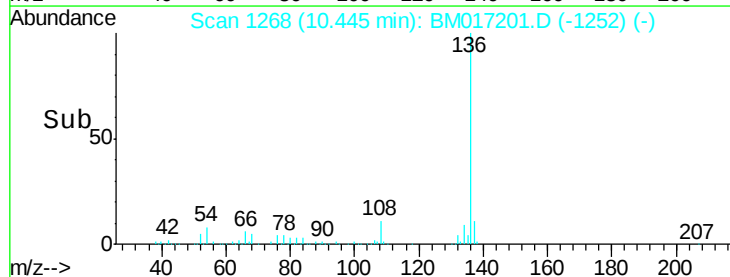


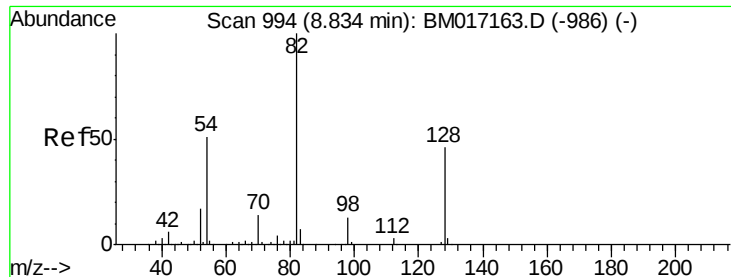
Abundance Ion 136.00 (135.70 to 136.70): BM017201.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017201.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017201.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017201.D (-1252) (-)

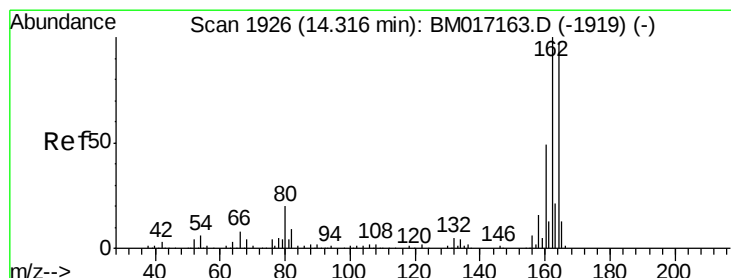
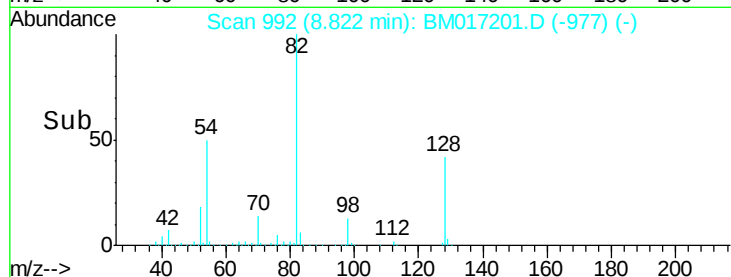
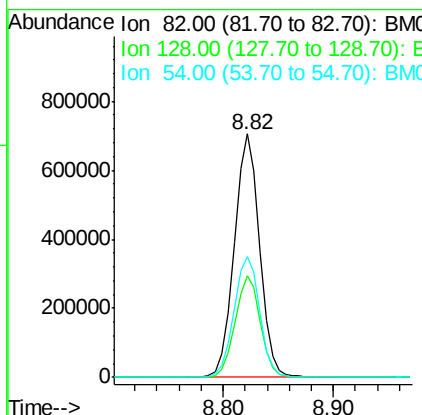
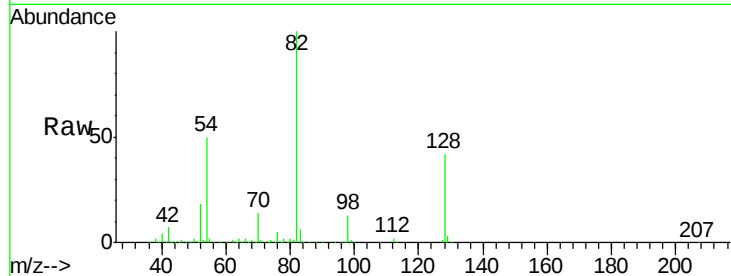




#23
Nitrobenzene-d5
Concen: 76.862 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017201.D
Acq: 18 Oct 2018 20:09

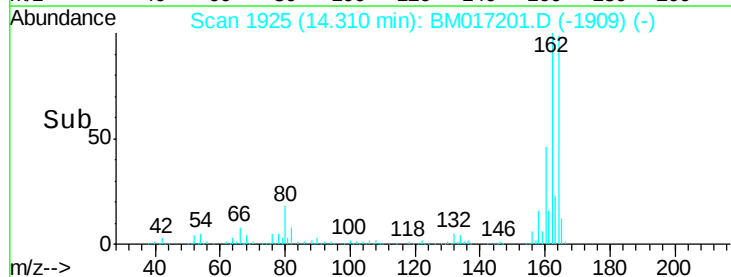
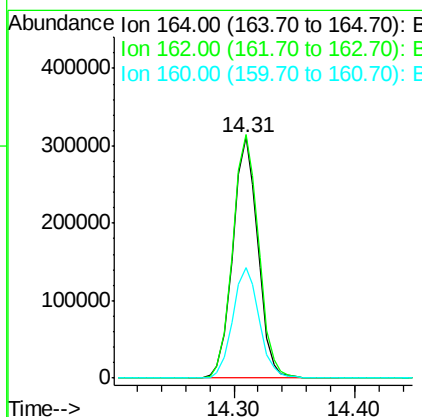
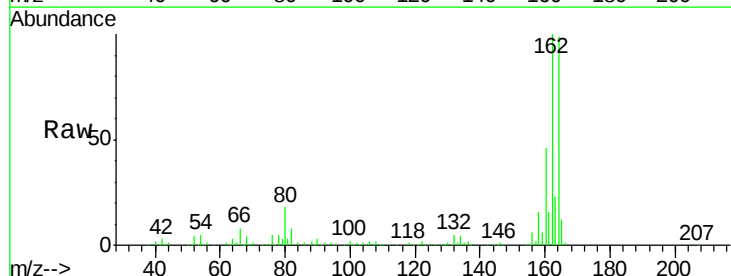
Instrument :
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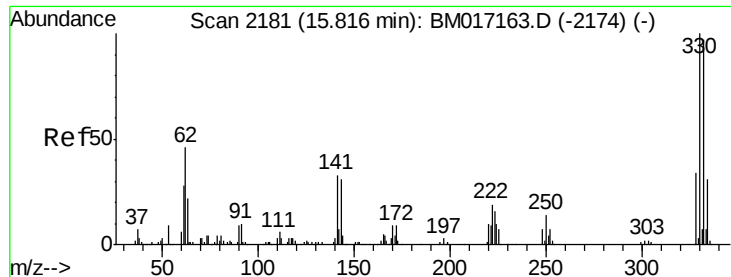
Tgt Ion: 82 Resp: 1134402
Ion Ratio Lower Upper
82 100
128 41.7 37.0 55.6
54 49.6 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017201.D
Acq: 18 Oct 2018 20:09

Tgt Ion: 164 Resp: 450744
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 46.1 40.2 60.2

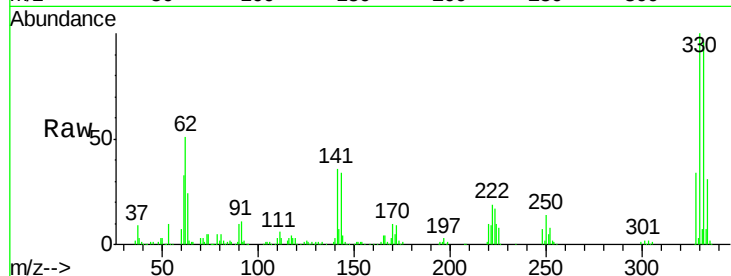




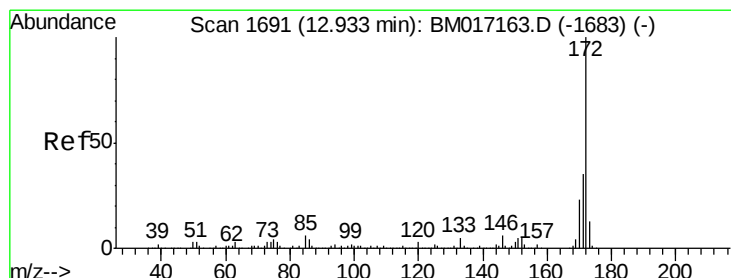
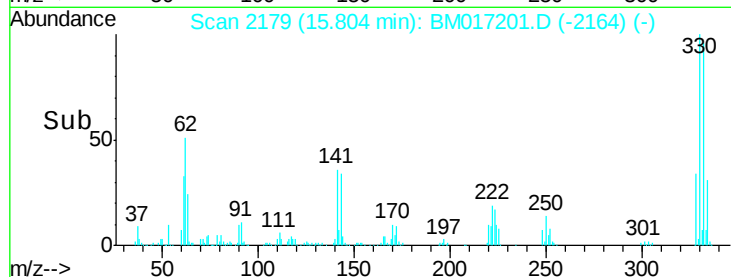
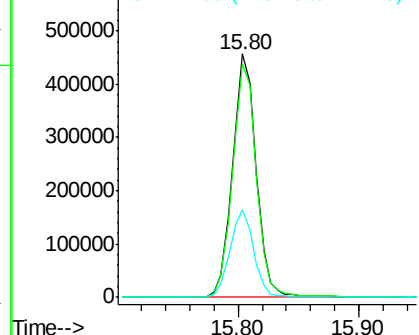
#42
 2,4,6-Tribromophenol
 Concen: 102.343 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017201.D
 Acq: 18 Oct 2018 20:09

Instrument :
 BNA_M
 ClientSampleId :
 PB113954TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	36.0	27.4	41.0

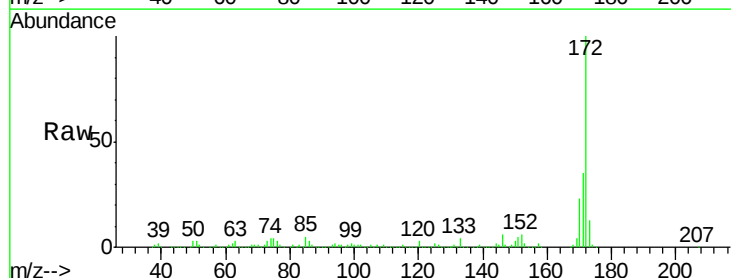


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

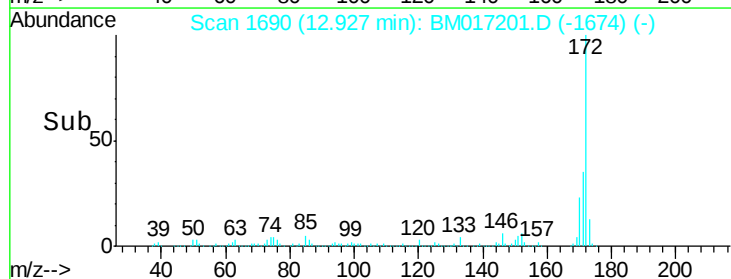
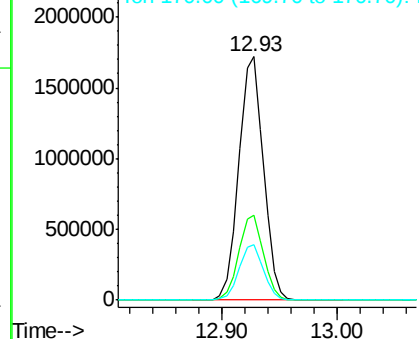


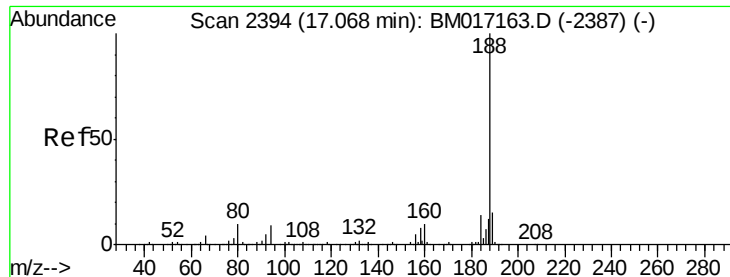
#45
 2-Fluorobiphenyl
 Concen: 75.132 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017201.D
 Acq: 18 Oct 2018 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.6	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

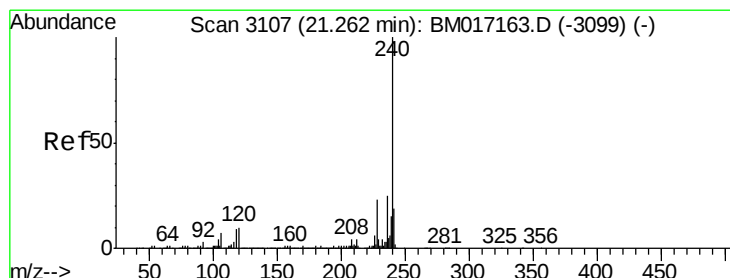
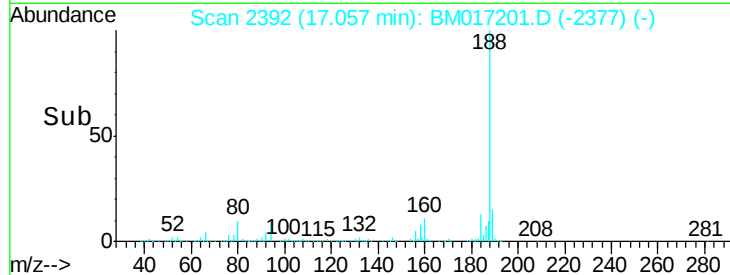
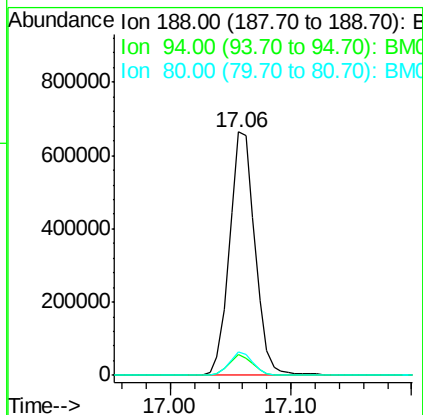
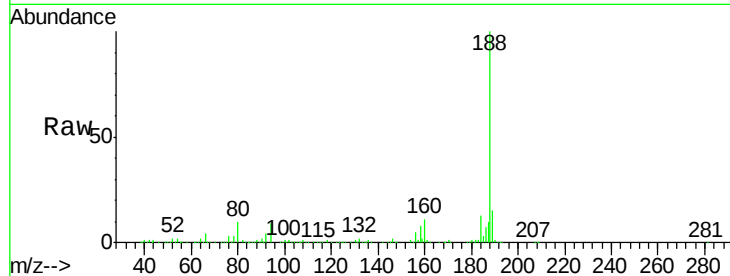




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017201.D
Acq: 18 Oct 2018 20:09

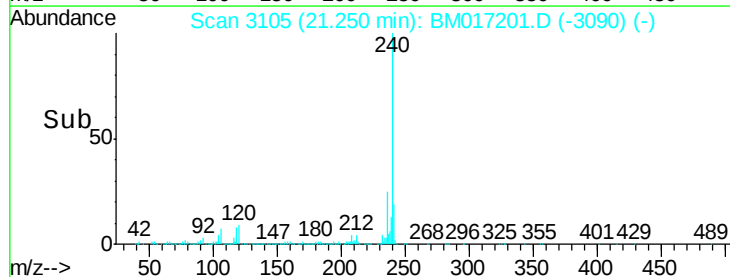
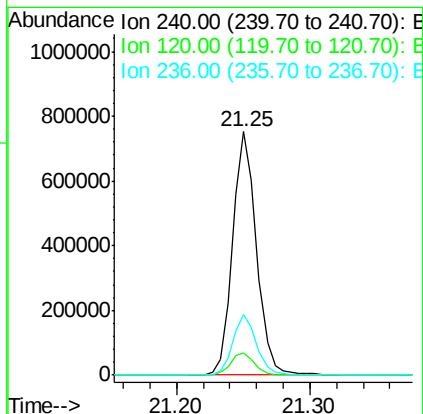
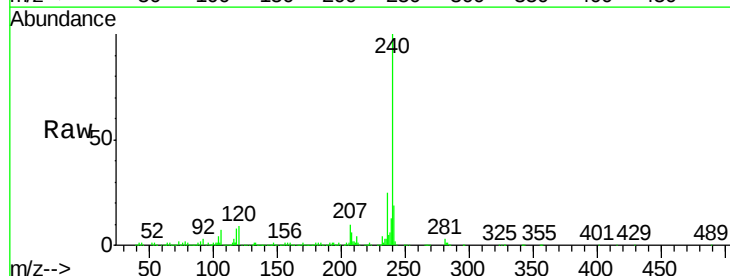
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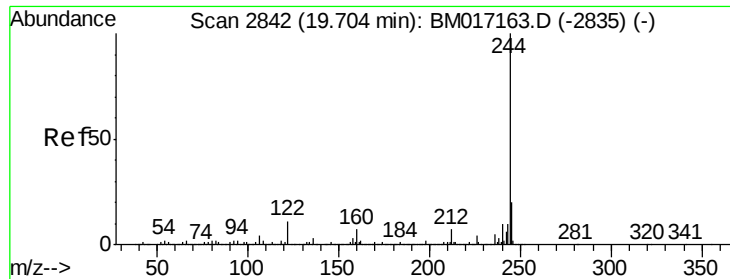
Tgt Ion:188 Resp: 978236
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017201.D
Acq: 18 Oct 2018 20:09

Tgt Ion:240 Resp: 938993
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 24.8 19.9 29.9

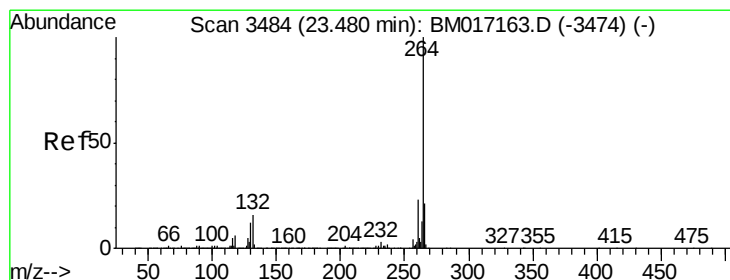
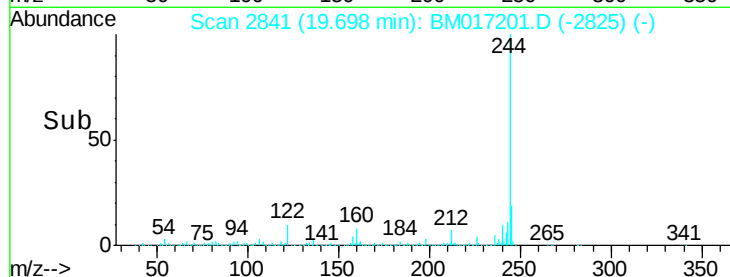
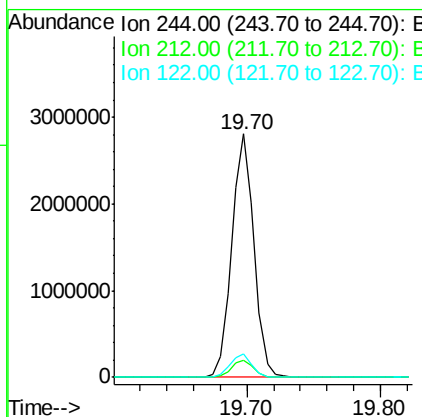
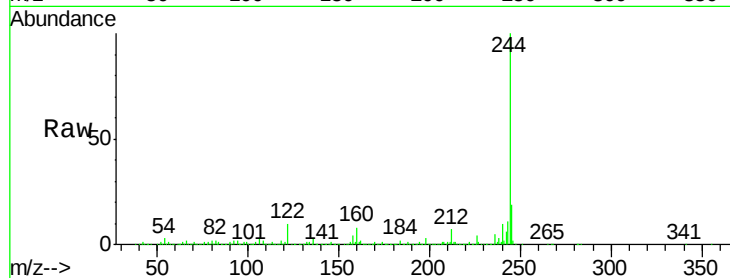




#79
 Terphenyl-d14
 Concen: 78.097 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017201.D
 Acq: 18 Oct 2018 20:09

Instrument :
 BNA_M
 ClientSampleId :
 PB113954TB

Tgt Ion:244 Resp: 3253427
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.7 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: BM017201.D
 Acq: 18 Oct 2018 20:09

Tgt Ion:264 Resp: 926927
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 22.0 17.8 26.8

