

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017359.D
 Acq On : 26 Oct 2018 21:46
 Operator : MJ/SJ
 Sample : J5651-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Quant Time: Oct 27 02:53:20 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	251877	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1062839	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	678199	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1734486	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2188524	20.00	ng	-0.02
87) Perylene-d12	23.46	264	2026445	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1717930	115.36	ng	-0.01
7) Phenol-d6	6.84	99	2160935	106.54	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1595611	87.80	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1300824	141.83	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4055375	79.56	ng	-0.02
79) Terphenyl-d14	19.69	244	7615843	78.44	ng	-0.02

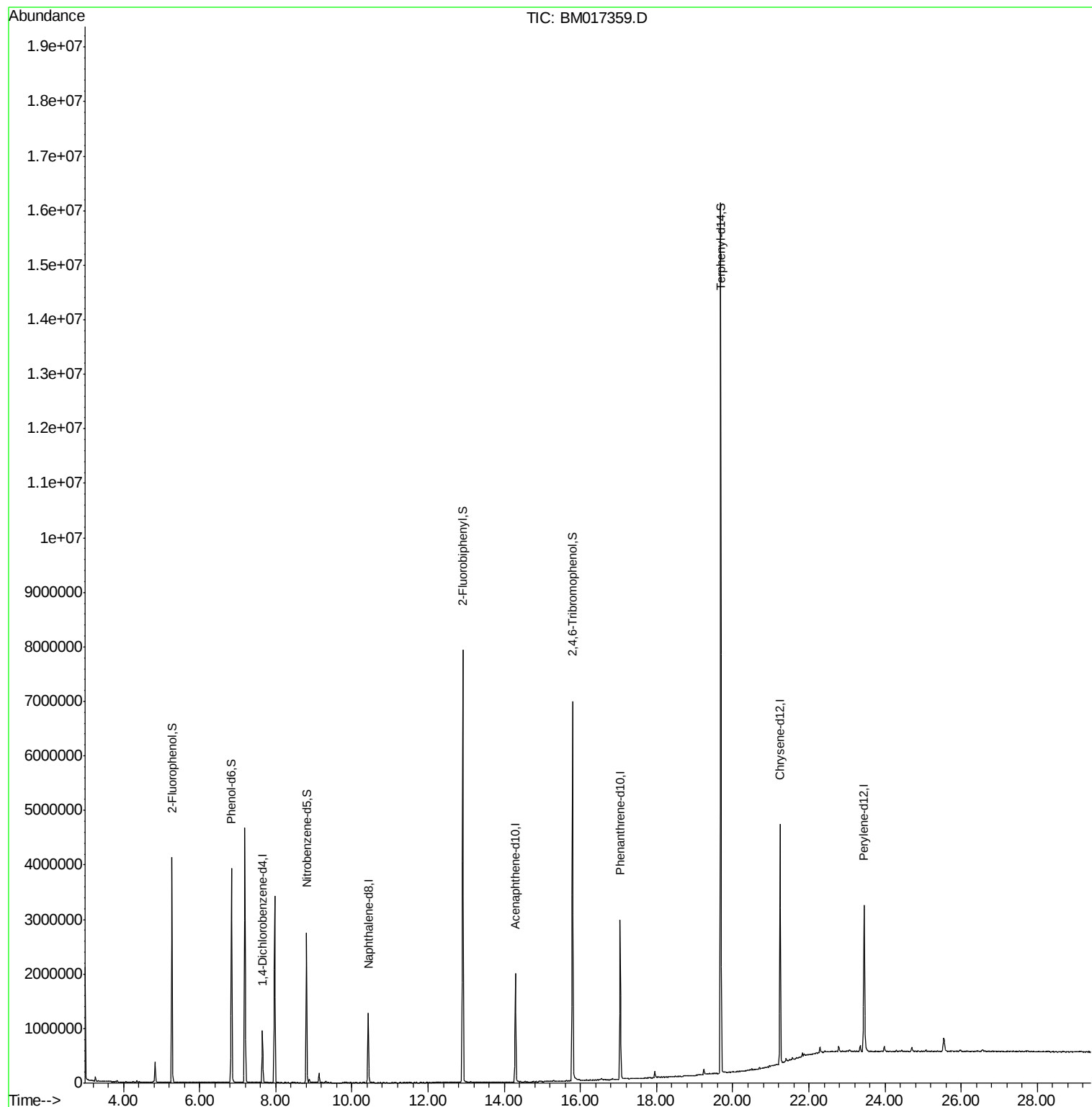
Target Compounds Qvalue

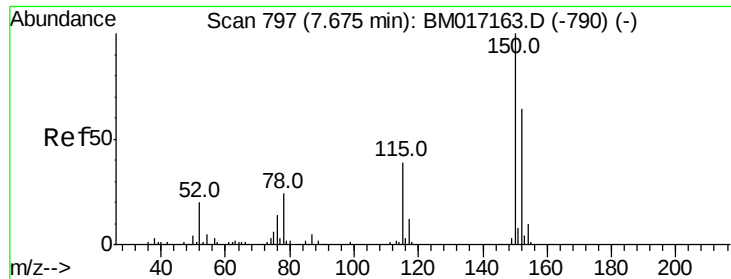
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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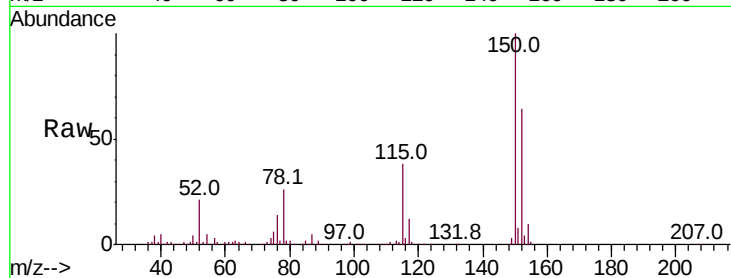


#1

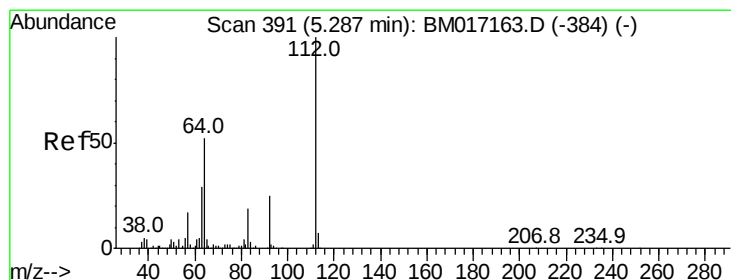
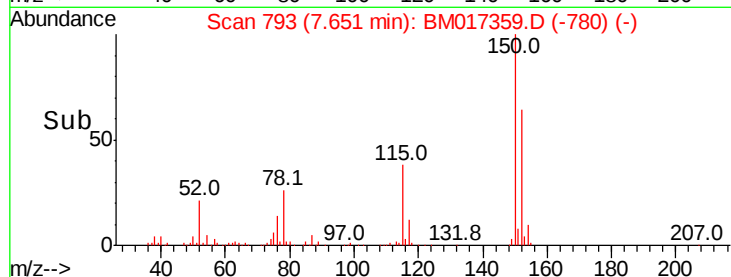
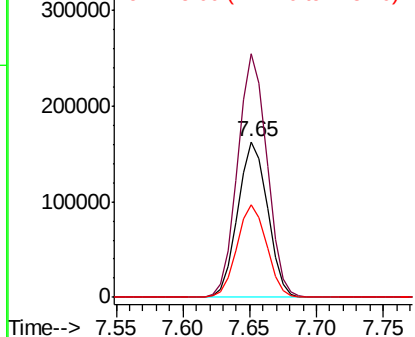
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

Instrument :
BNA_M
ClientSampleId :
RBR-200030

Tot Ion:152 Resp: 251877
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 59.5 48.1 72.1



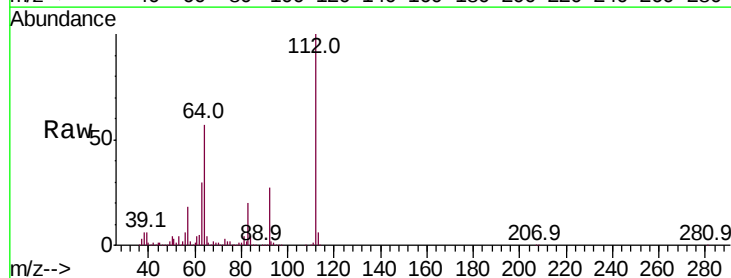
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



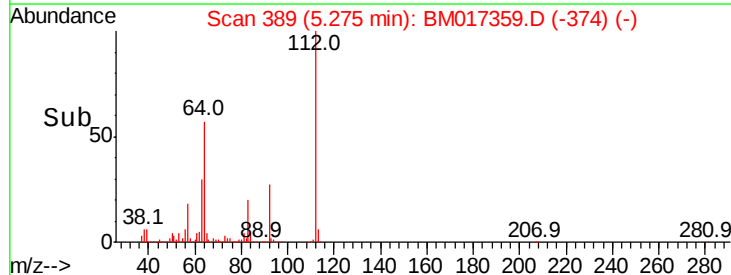
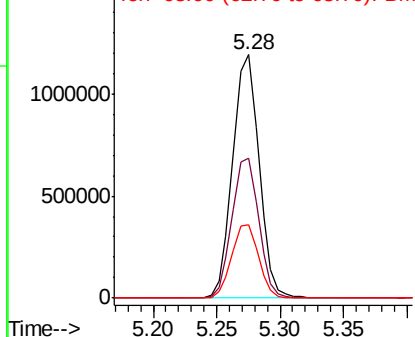
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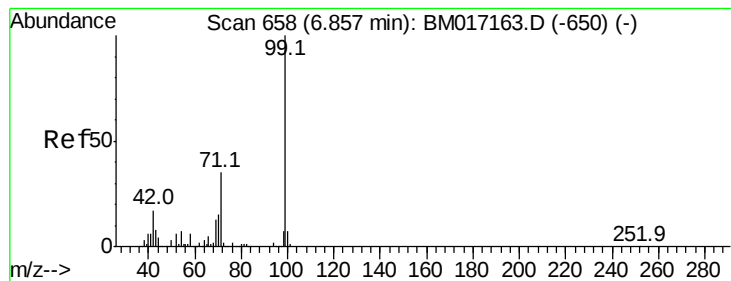
2-Fluorophenol
Concen: 115.358 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

Tgt Ion:112 Resp: 1717930
Ion Ratio Lower Upper
112 100
64 57.3 41.7 62.5
63 30.3 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: 106.543 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017359.D

Acq: 26 Oct 2018 21:46

Instrument :

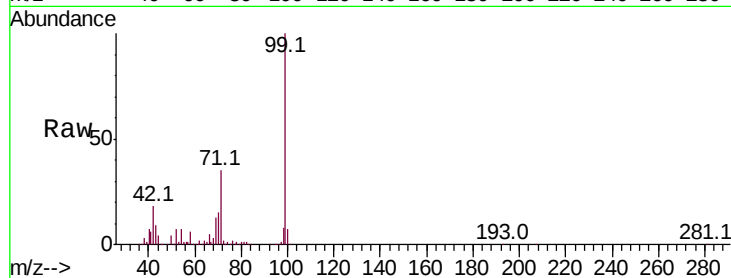
BNA_M

ClientSampleId :

RBR-200030

Tot Ion: 99 Resp: 2160935

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.3	19.9
71	35.4	28.0	42.0

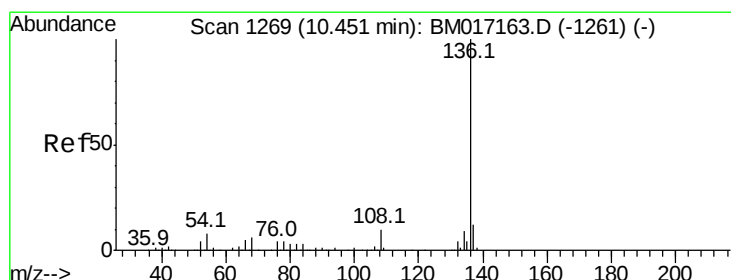
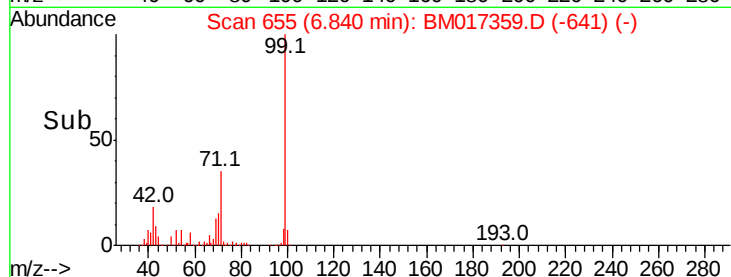
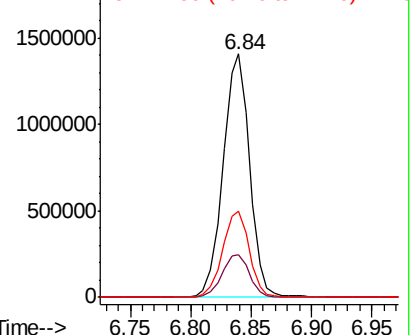


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

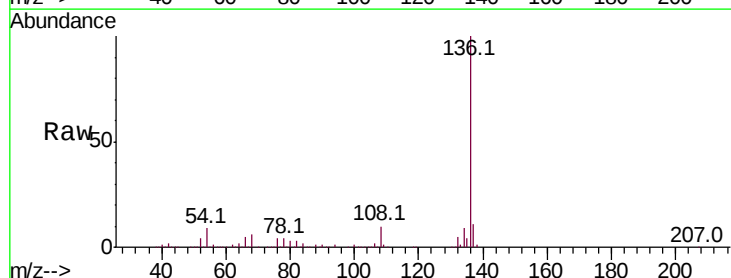
Delta R.T. -0.02 min

Lab File: BM017359.D

Acq: 26 Oct 2018 21:46

Tgt Ion: 136 Resp: 1062839

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.5	6.7	10.1
68	5.7	4.7	7.1



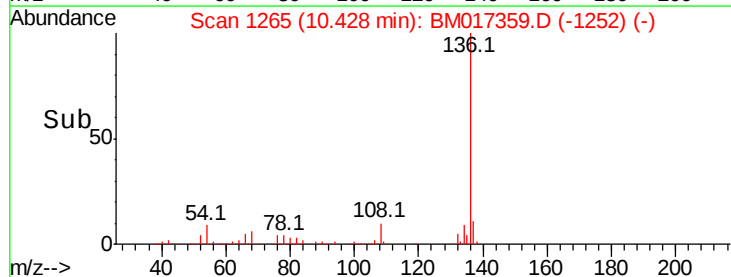
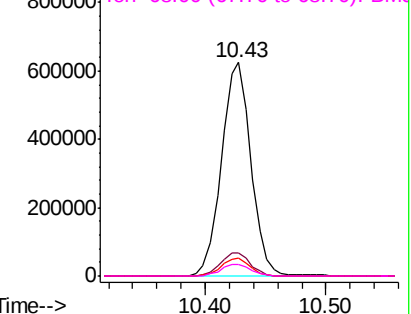
Abundance

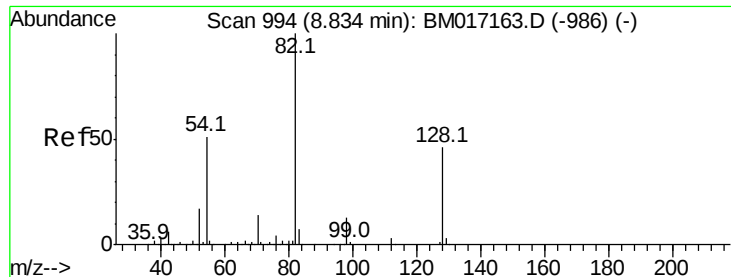
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



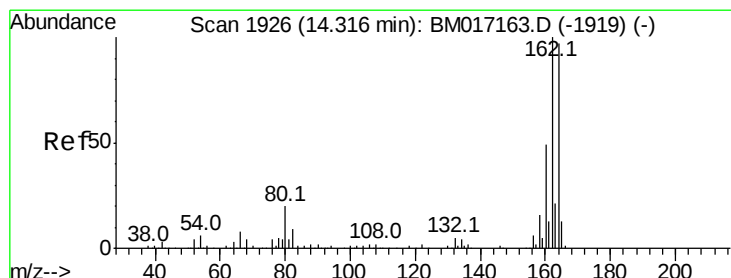
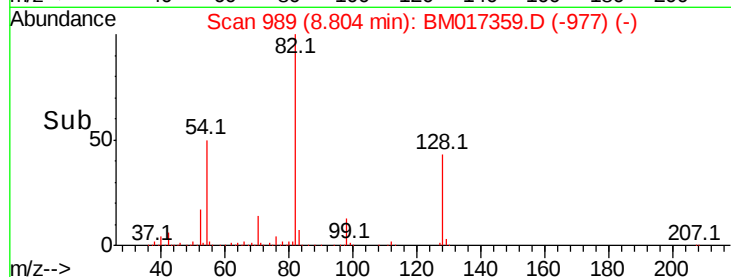
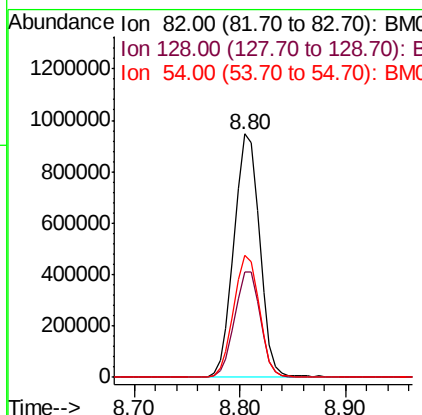
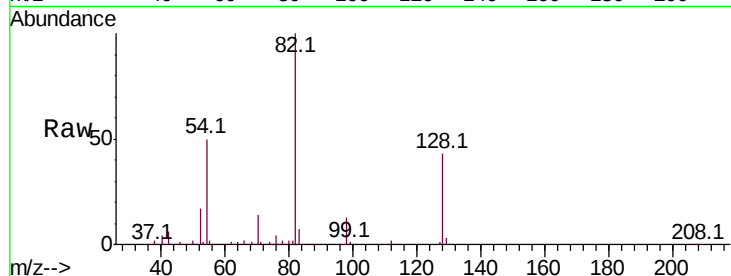


#23
 Nitrobenzene-d5
 Concen: 87.803 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Tot Ion: 82 Resp: 1595611

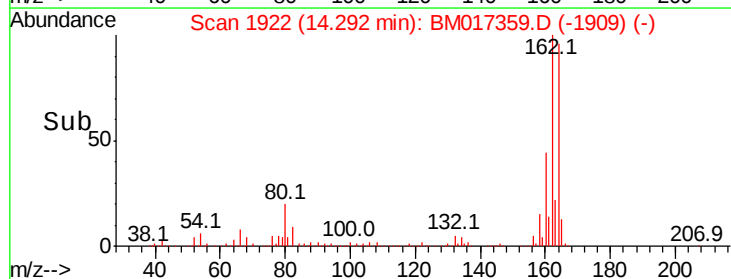
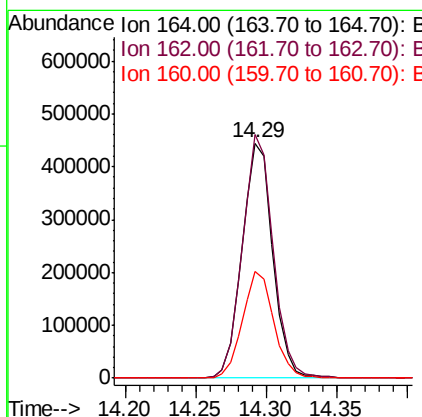
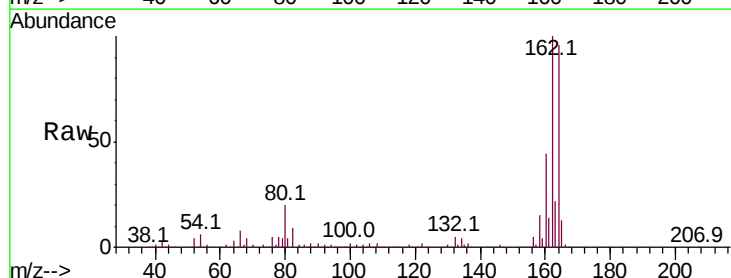
Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.0	55.6
54	50.1	40.7	61.1

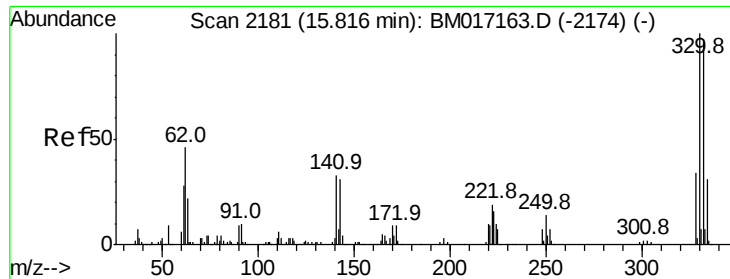


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Tgt Ion: 164 Resp: 678199

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.1	123.1
160	45.3	40.2	60.2

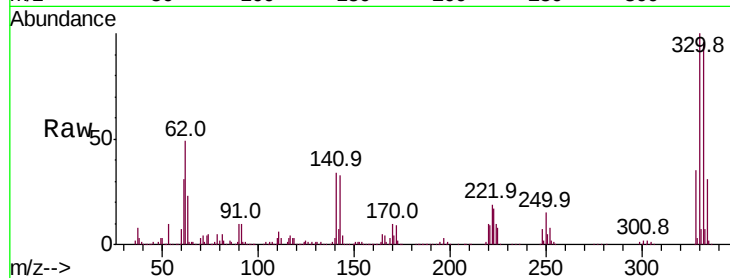




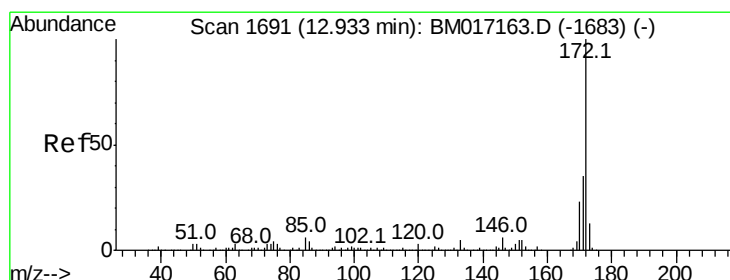
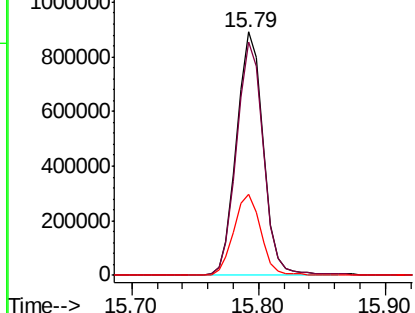
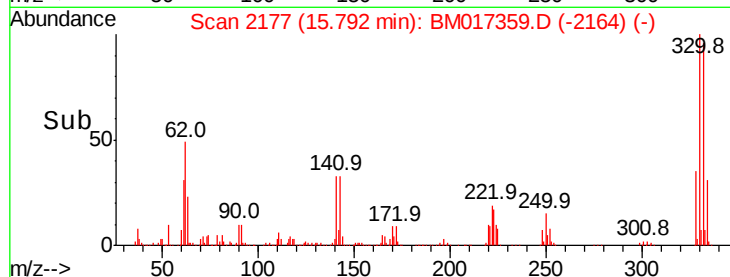
#42
 2,4,6-Tribromophenol
 Concen: 141.831 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Tot Ion:330 Resp: 1300824
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 33.5 27.4 41.0

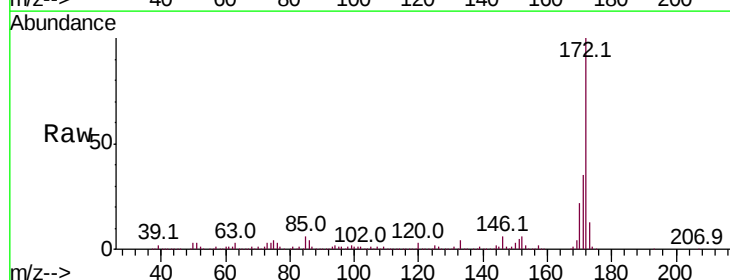


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

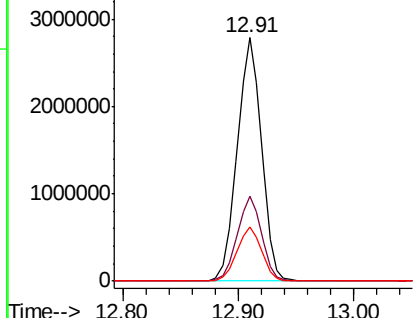
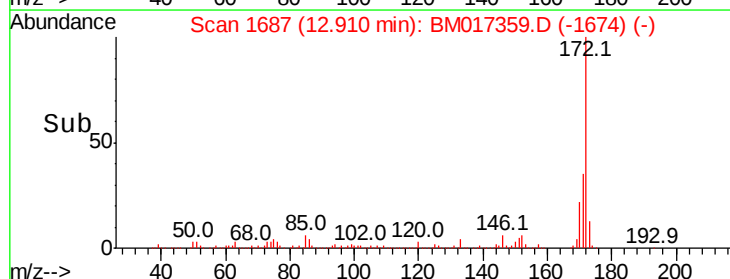


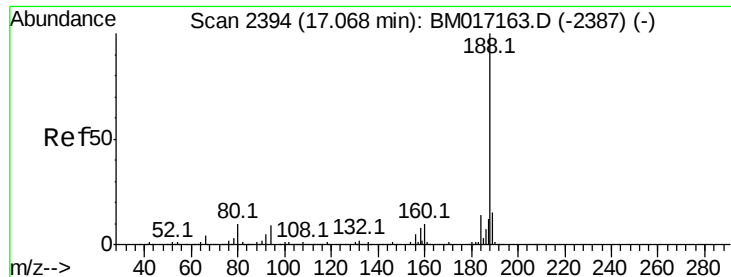
#45
 2-Fluorobiphenyl
 Concen: 79.561 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017359.D
 Acq: 26 Oct 2018 21:46

Tgt Ion:172 Resp: 4055375
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 22.2 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000 Ion 171.00 (170.70 to 171.70): E
 2000000 Ion 170.00 (169.70 to 170.70): E

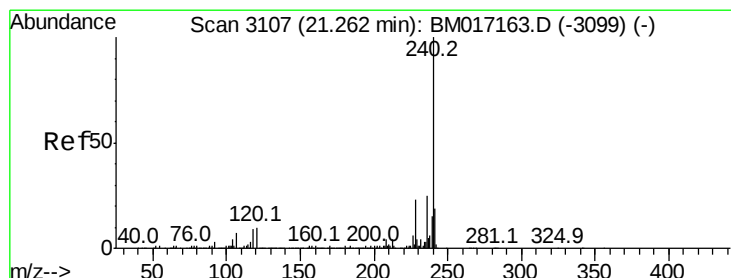
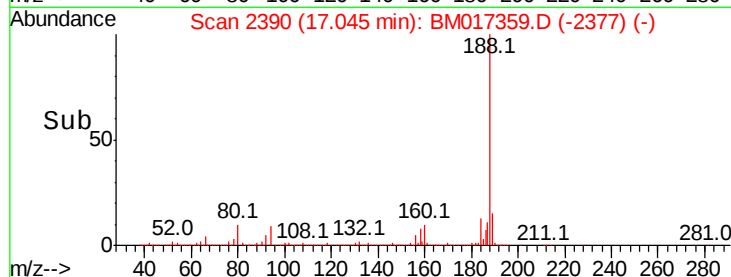
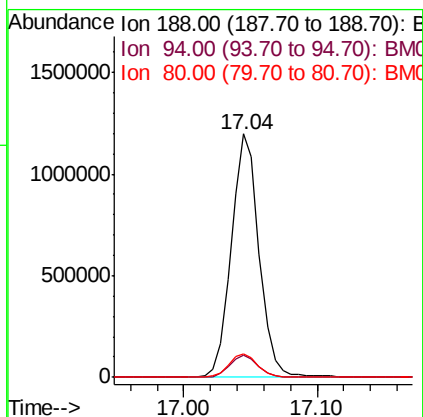
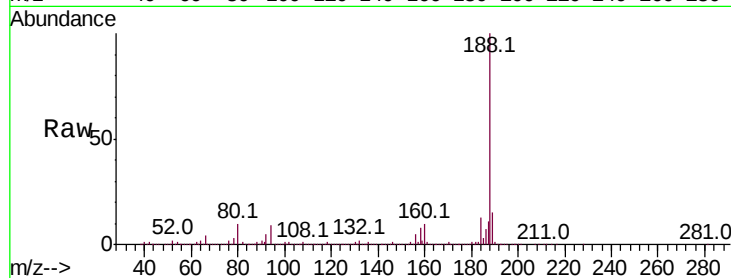




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

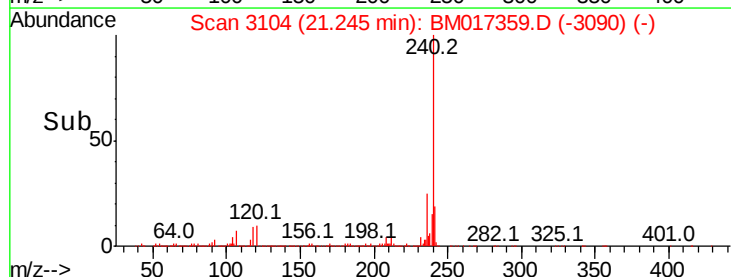
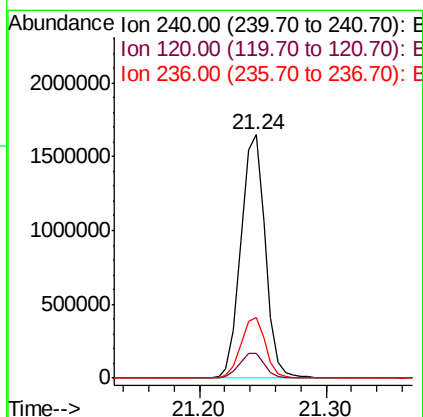
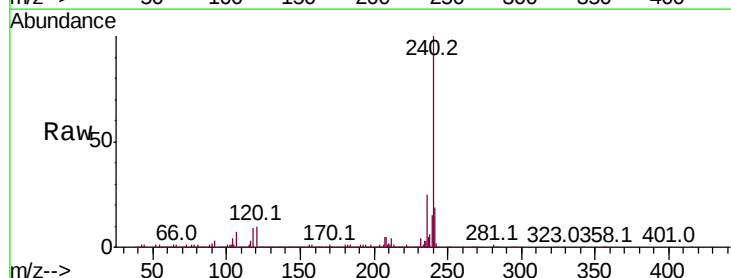
Instrument :
BNA_M
ClientSampleId :
RBR-200030

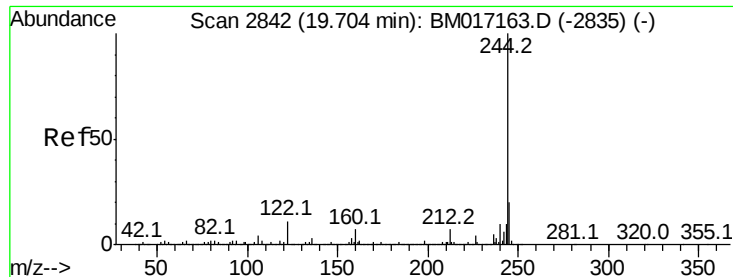
Tot Ion:188 Resp: 1734486
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017359.D
Acq: 26 Oct 2018 21:46

Tgt Ion:240 Resp: 2188524
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 24.8 19.9 29.9





#79

Terphenyl-d14

Concen: 78.437 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017359.D

Acq: 26 Oct 2018 21:46

Instrument :

BNA_M

ClientSampleId :

RBR-200030

Tot Ion:244 Resp: 7615843

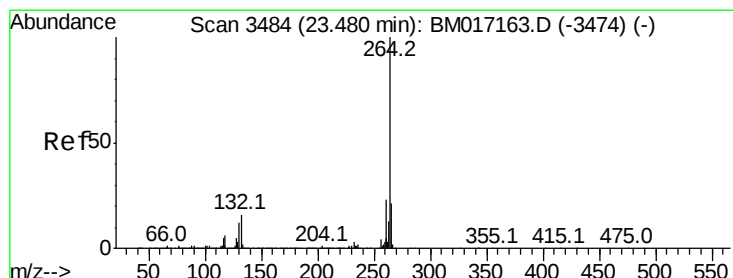
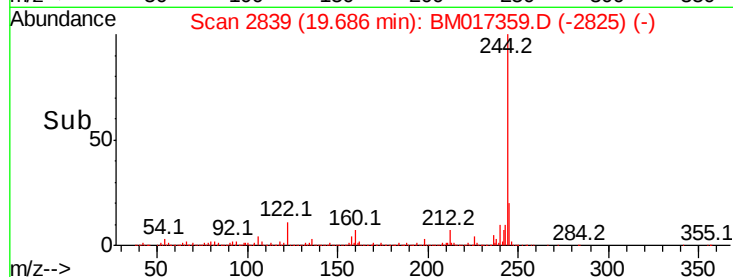
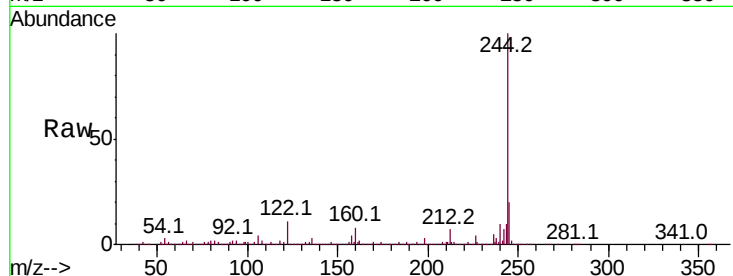
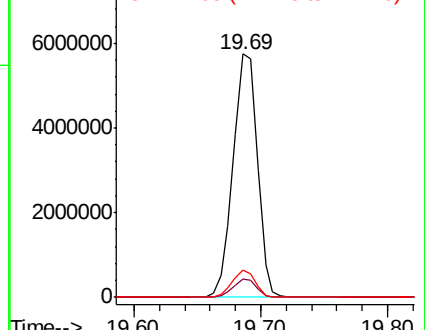
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	11.3	8.4	12.6

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# 3480

Delta R.T. -0.02 min

Lab File: BM017359.D

Acq: 26 Oct 2018 21:46

Tgt Ion:264 Resp: 2026445

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.4	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

