

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017353.D
 Acq On : 26 Oct 2018 18:10
 Operator : MJ/SJ
 Sample : PB114216TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114216TB

Quant Time: Oct 27 02:45:13 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	234903	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1007388	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	634339	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1595712	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1860873	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1689423	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1460277	105.14	ng	-0.01
7) Phenol-d6	6.84	99	2034640	107.56	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1183110	68.69	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	930684	108.49	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3053718	64.05	ng	-0.02
79) Terphenyl-d14	19.69	244	5442407	65.92	ng	-0.02

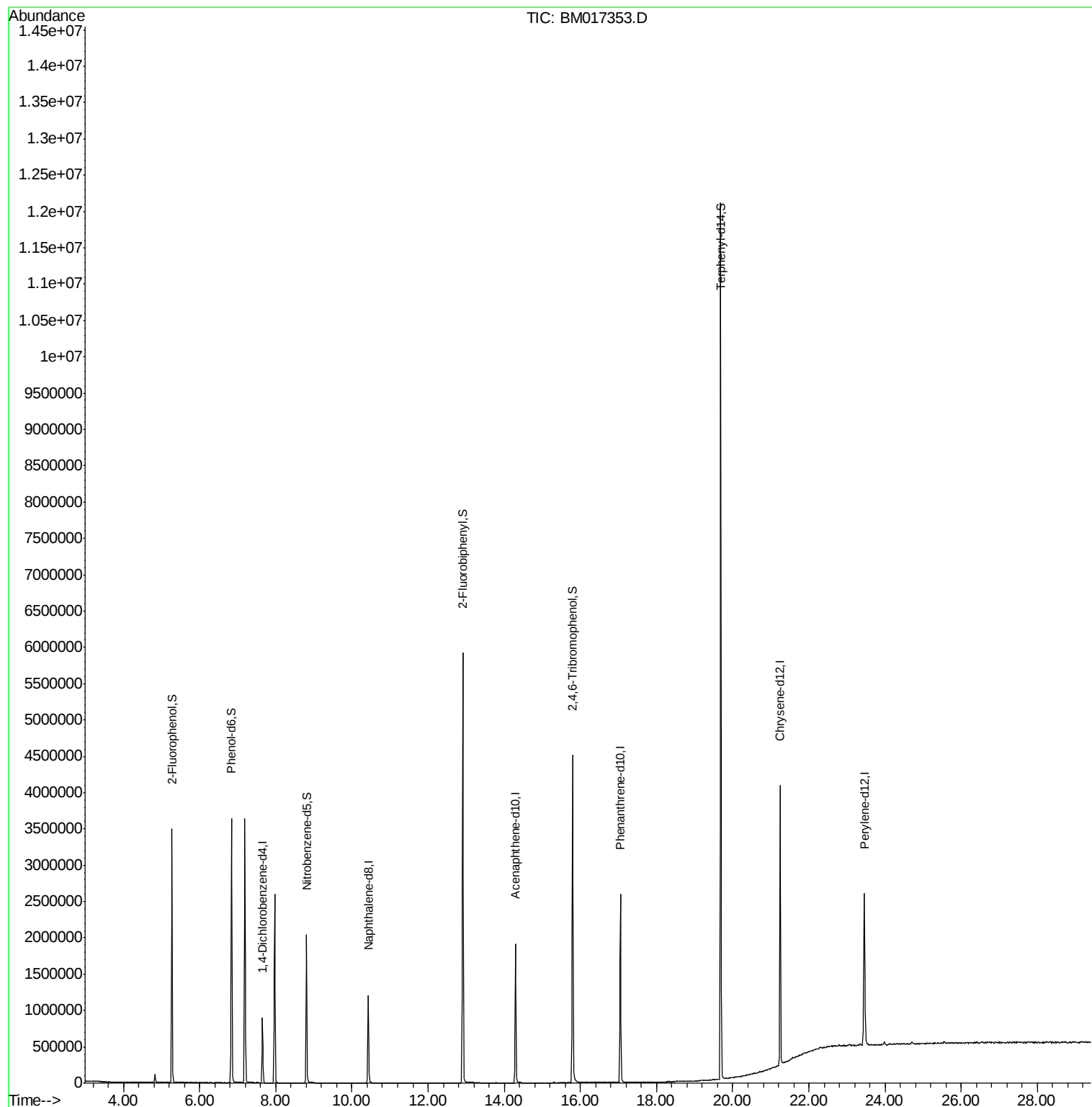
Target Compounds Qvalue

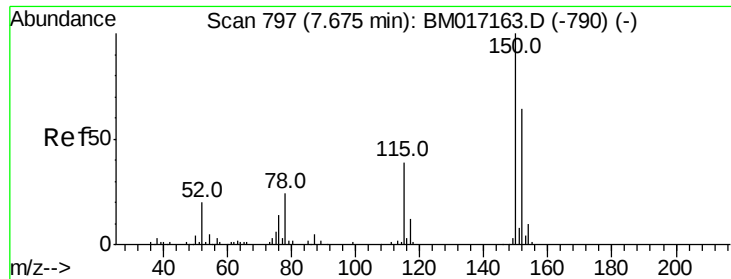
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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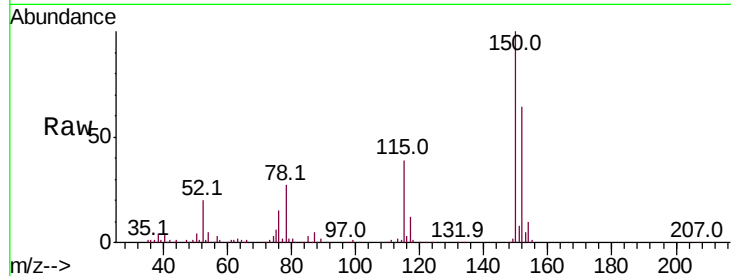


#1

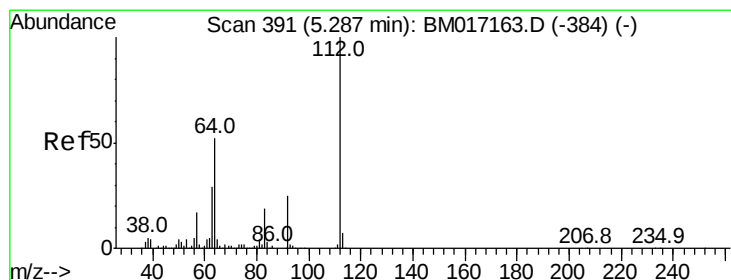
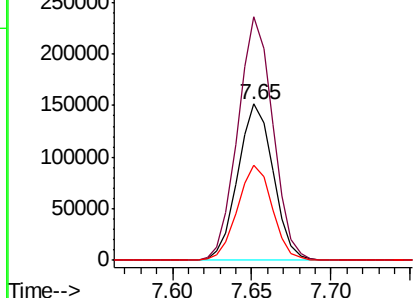
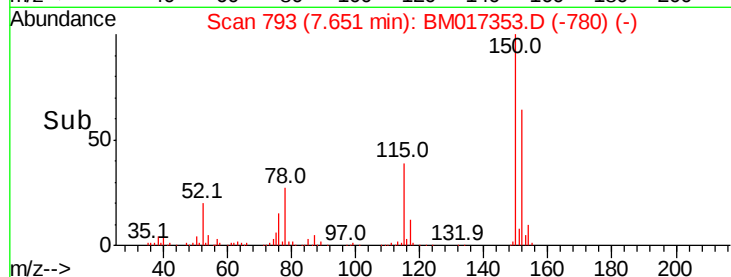
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017353.D
Acq: 26 Oct 2018 18:10

Instrument :
BNA_M
ClientSampleId :
PB114216TB

Tot Ion:152 Resp: 234903
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 61.1 48.1 72.1



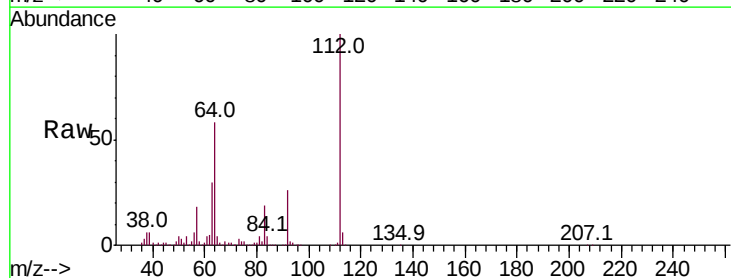
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



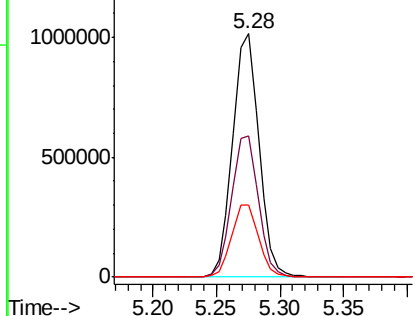
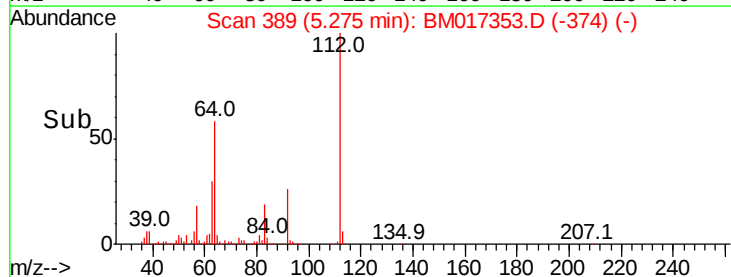
#5

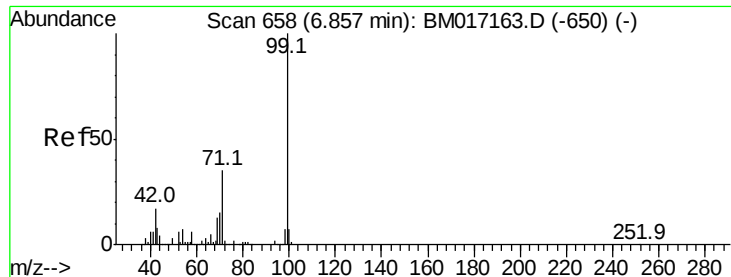
2-Fluorophenol
Concen: 105.142 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017353.D
Acq: 26 Oct 2018 18:10

Tgt Ion:112 Resp: 1460277
Ion Ratio Lower Upper
112 100
64 58.2 41.7 62.5
63 29.8 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: 107.565 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017353.D

Acq: 26 Oct 2018 18:10

Instrument :

BNA_M

ClientSampleId :

PB114216TB

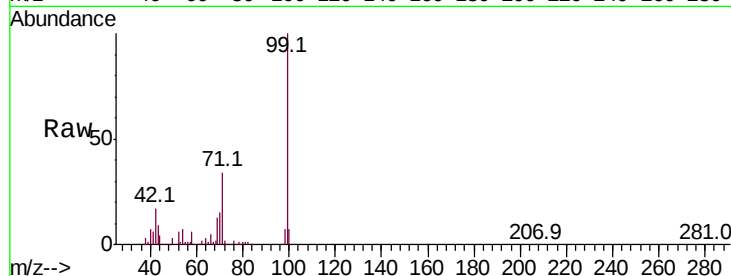
Tot Ion: 99 Resp: 2034640

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

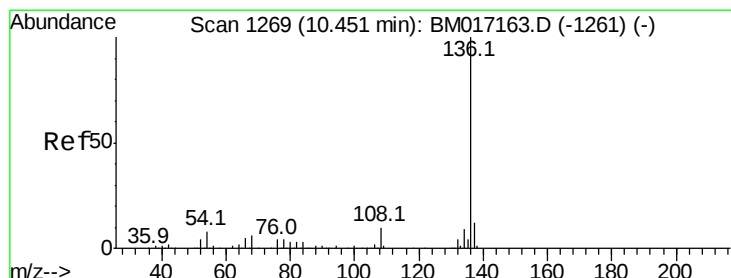
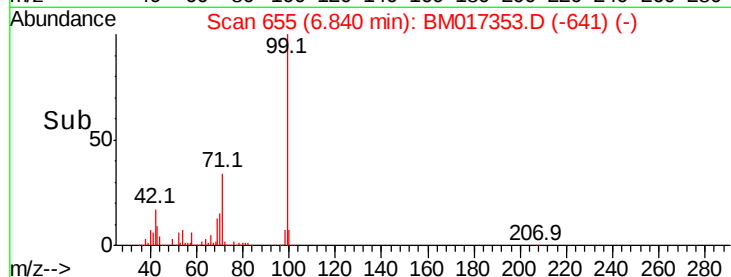
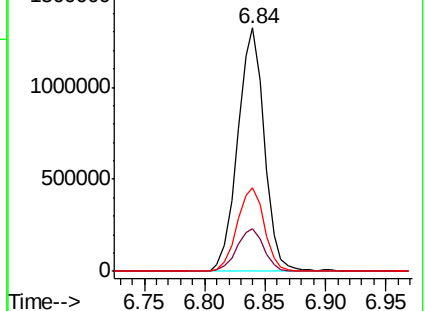
71 34.3 28.0 42.0



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: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017353.D

Acq: 26 Oct 2018 18:10

Tgt Ion: 136 Resp: 1007388

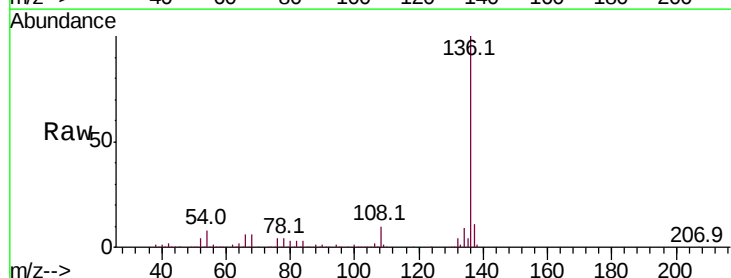
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.6 6.7 10.1

68 6.0 4.7 7.1

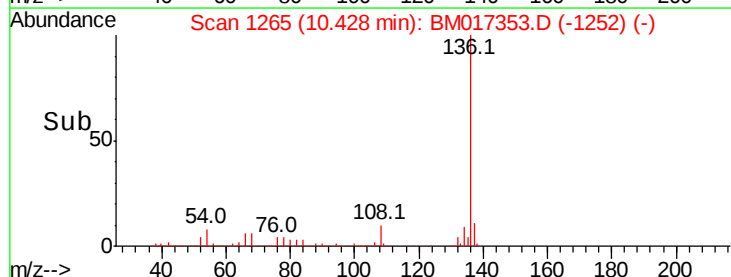
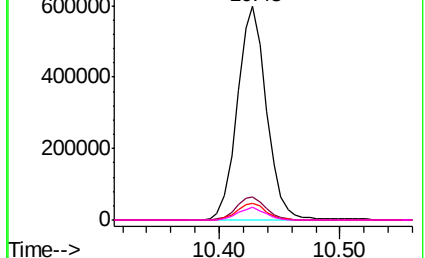


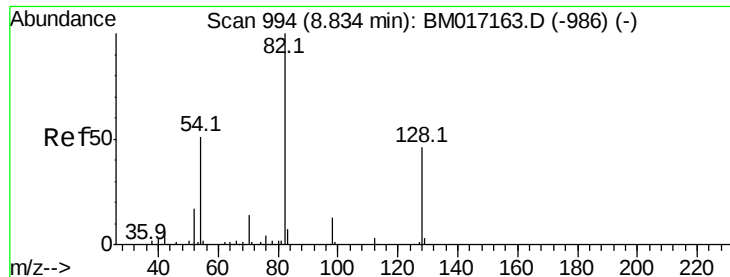
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

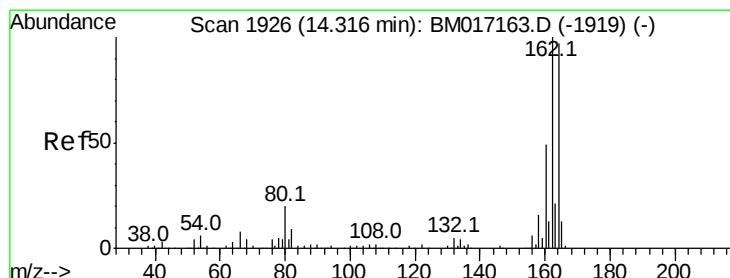
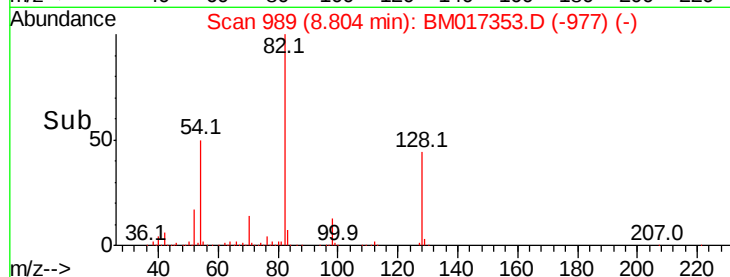
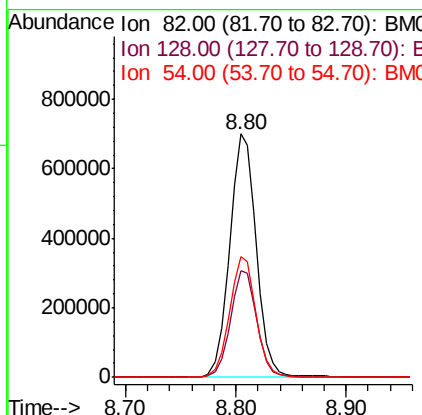
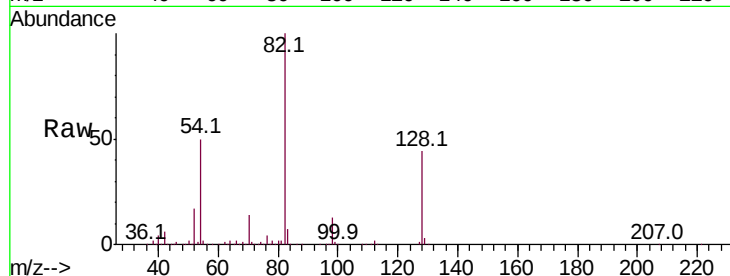




#23
 Nitrobenzene-d5
 Concen: 68.687 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BM017353.D
 Acq: 26 Oct 2018 18:10

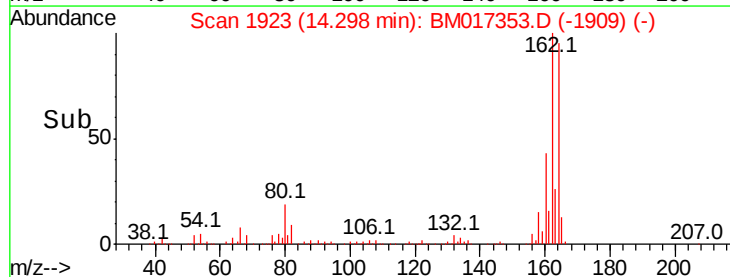
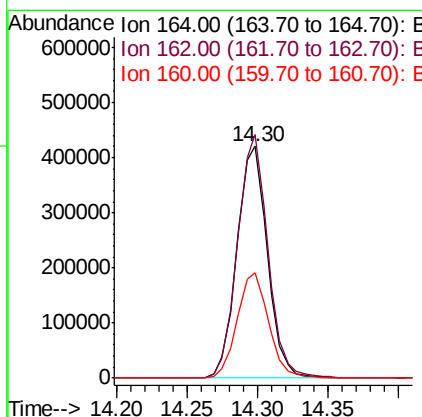
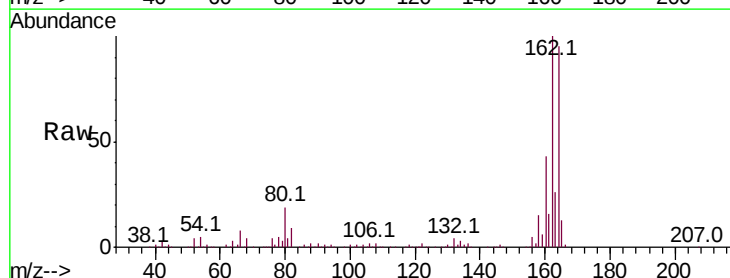
Instrument :
 BNA_M
 ClientSampleId :
 PB114216TB

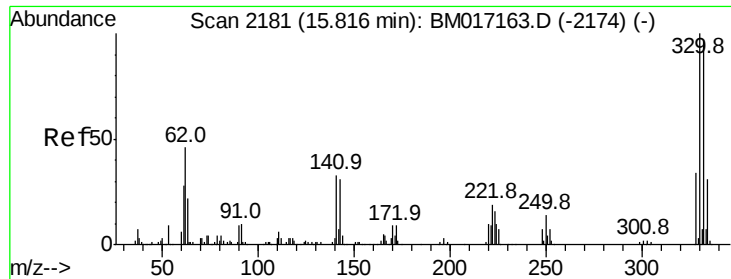
Tot Ion: 82 Resp: 1183110
 Ion Ratio Lower Upper
 82 100
 128 43.6 37.0 55.6
 54 49.8 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017353.D
 Acq: 26 Oct 2018 18:10

Tgt Ion: 164 Resp: 634339
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.1 123.1
 160 45.6 40.2 60.2

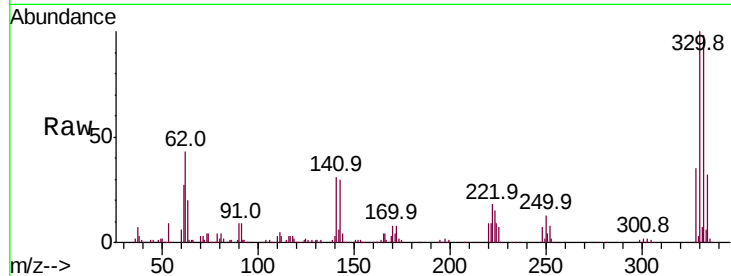




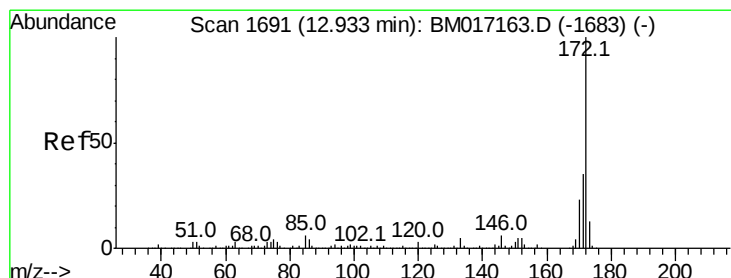
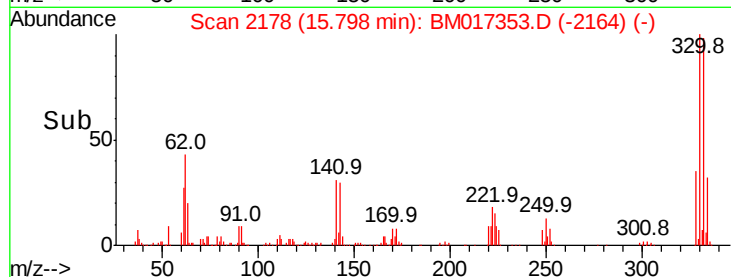
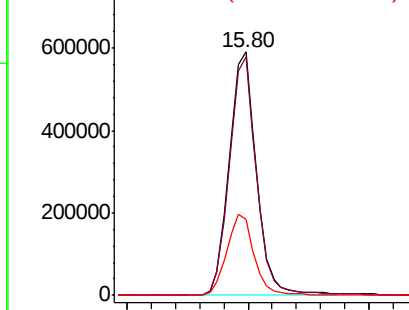
#42
 2,4,6-Tribromophenol
 Concen: 108.490 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017353.D
 Acq: 26 Oct 2018 18:10

Instrument :
 BNA_M
 ClientSampleId :
 PB114216TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.2	27.4	41.0

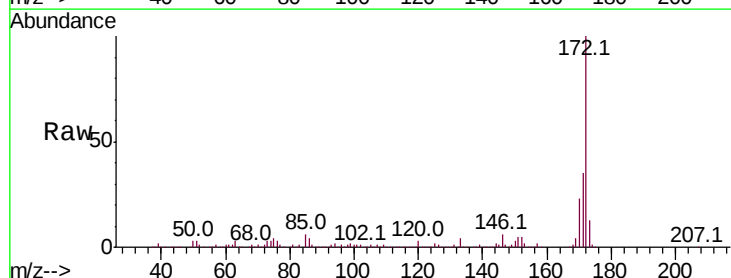


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

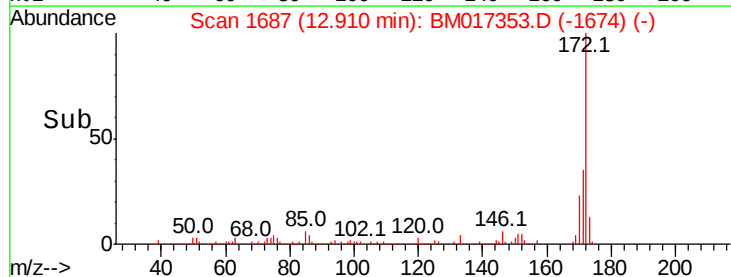
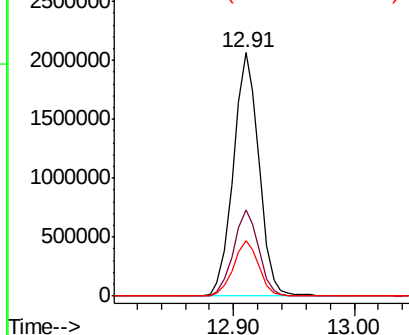


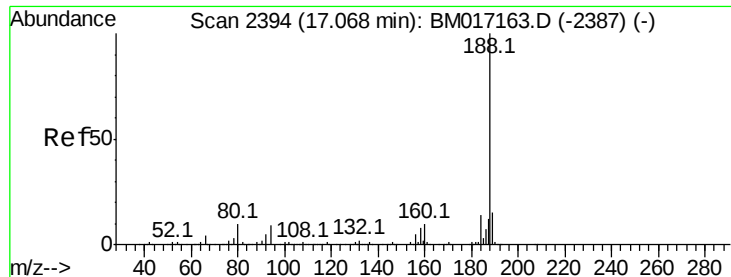
#45
 2-Fluorobiphenyl
 Concen: 64.053 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017353.D
 Acq: 26 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.8	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

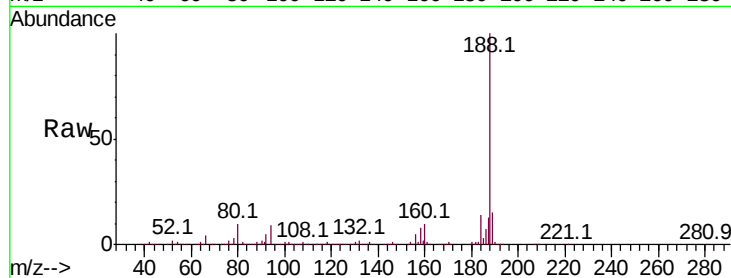




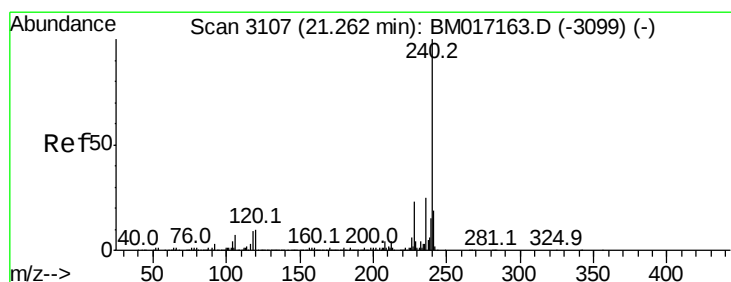
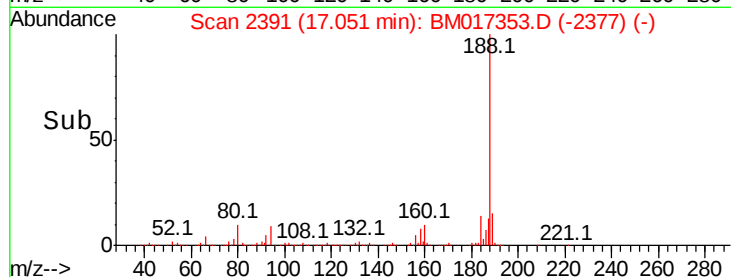
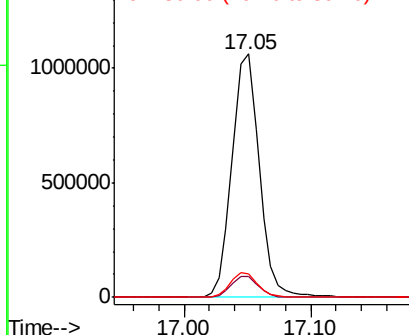
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017353.D
Acq: 26 Oct 2018 18:10

Instrument :
BNA_M
ClientSampleId :
PB114216TB

Tot Ion:188 Resp: 1595712
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 7.7 11.5

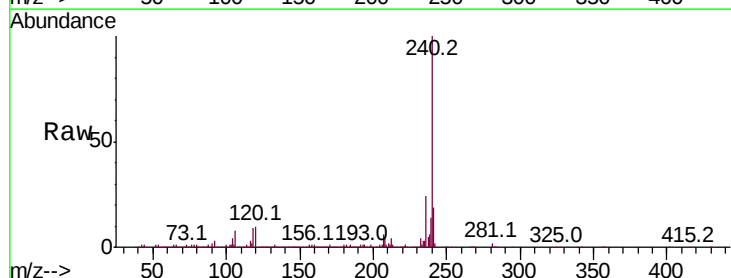


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

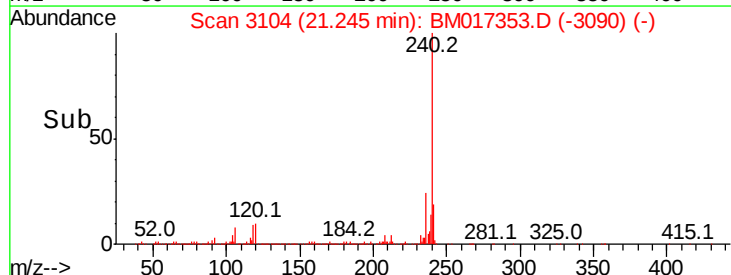
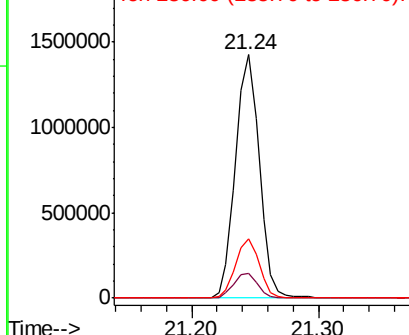


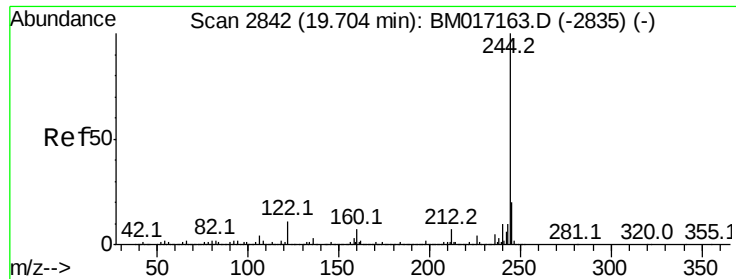
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017353.D
Acq: 26 Oct 2018 18:10

Tgt Ion:240 Resp: 1860873
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 24.2 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: 65.922 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017353.D

Acq: 26 Oct 2018 18:10

Instrument :

BNA_M

ClientSampleId :

PB114216TB

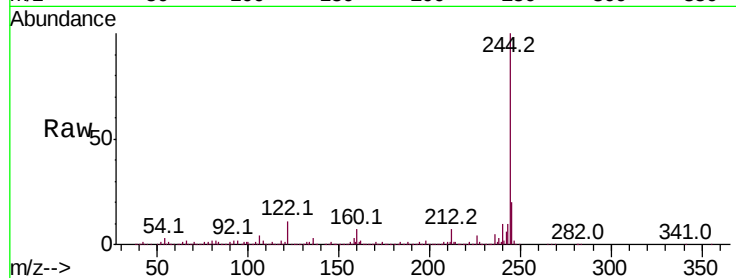
Tot Ion:244 Resp: 5442407

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	11.0	8.4	12.6

244 100

212 7.2 5.5 8.3

122 11.0 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

6000000

5000000

4000000

3000000

2000000

1000000

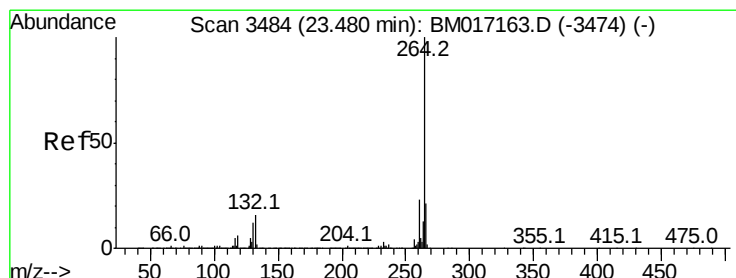
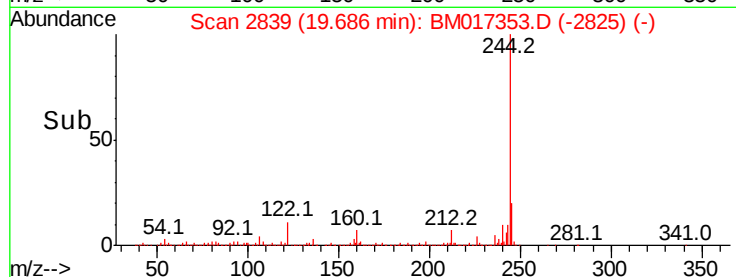
0

19.69

19.60

19.70

19.80



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017353.D

Acq: 26 Oct 2018 18:10

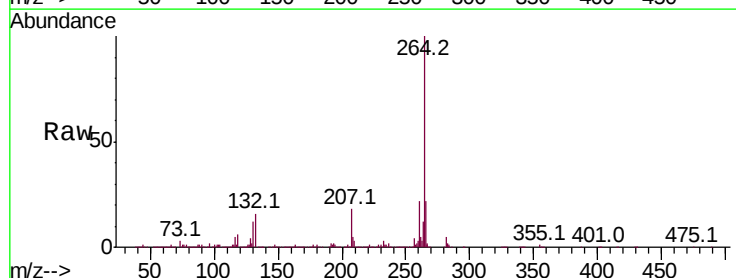
Tgt Ion:264 Resp: 1689423

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	21.6	17.8	26.8

264 100

260 22.5 18.6 27.8

265 21.6 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

1000000

800000

600000

400000

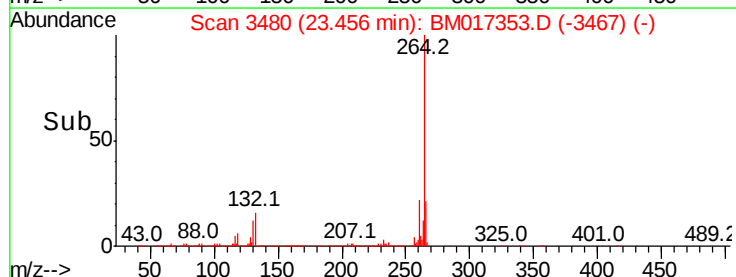
200000

0

23.46

23.40

23.50



Time-->