

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017358.D
 Acq On : 26 Oct 2018 21:10
 Operator : MJ/SJ
 Sample : J5205-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-102518

Quant Time: Oct 27 02:51:49 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	231945	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	976964	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	617407	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1594880	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1850019	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1676969	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1591479	116.05	ng	-0.01
7) Phenol-d6	6.84	99	2011689	107.71	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1460331	87.42	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1180317	141.36	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3641909	78.48	ng	-0.02
79) Terphenyl-d14	19.69	244	6846793	83.42	ng	-0.02

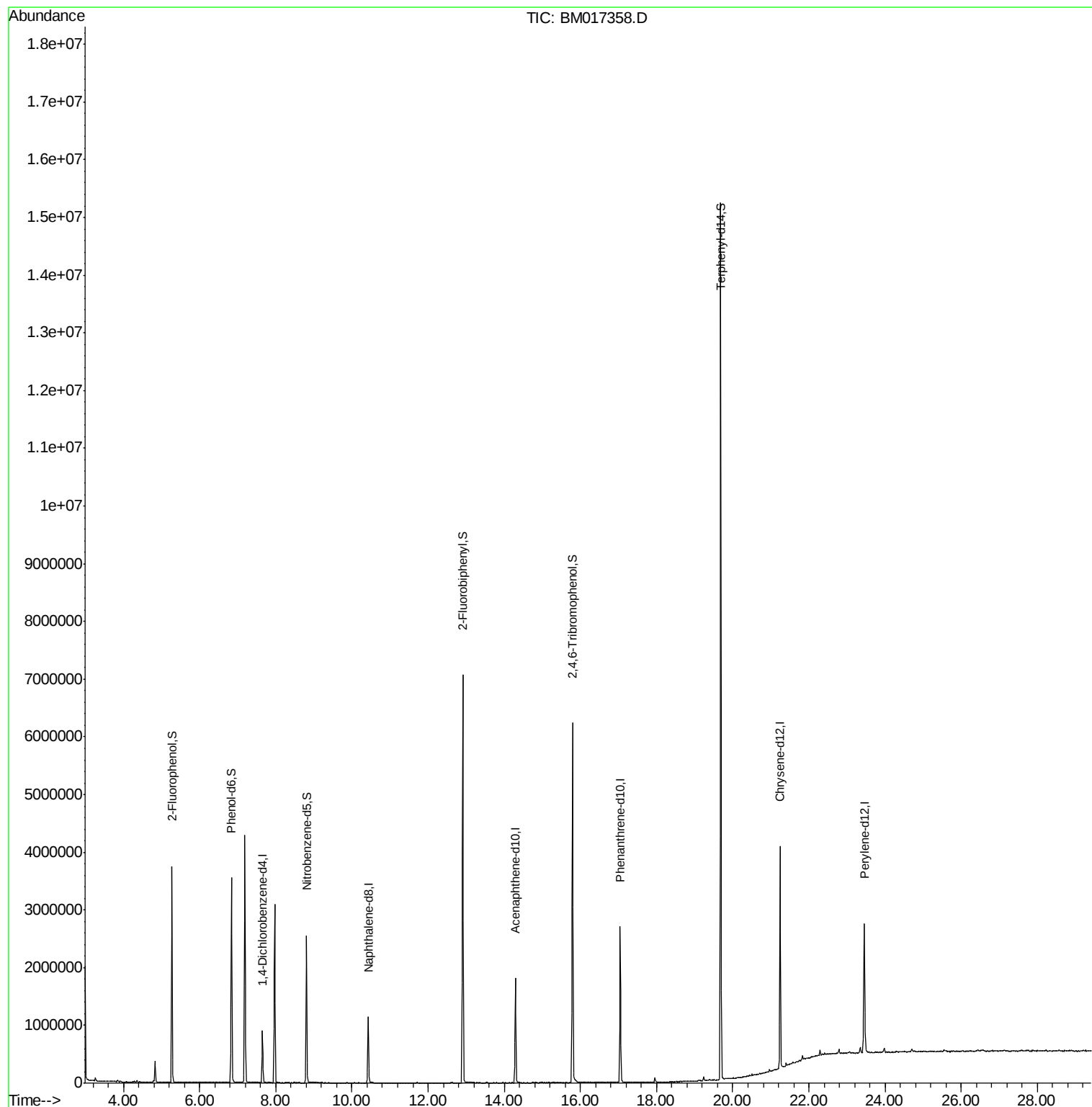
Target Compounds Qvalue

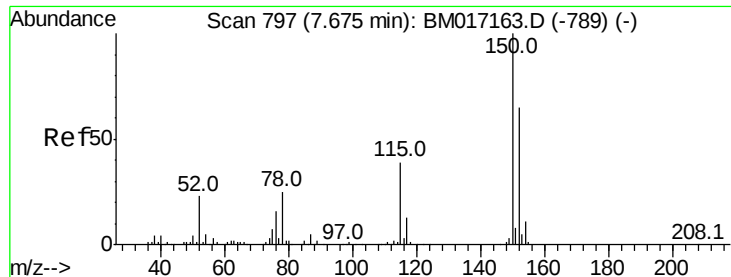
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
Data File : BM017358.D
Acq On : 26 Oct 2018 21:10
Operator : MJ/SJ
Sample : J5205-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-102518

Quant Time: Oct 27 02:51:49 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



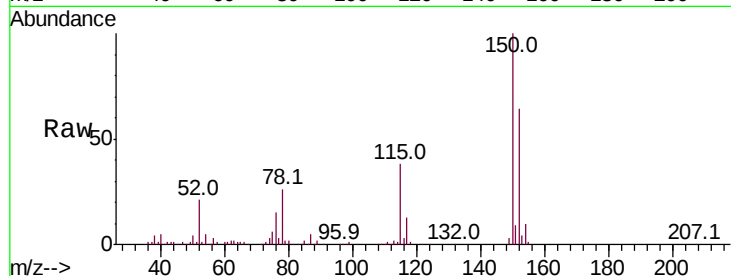


#1

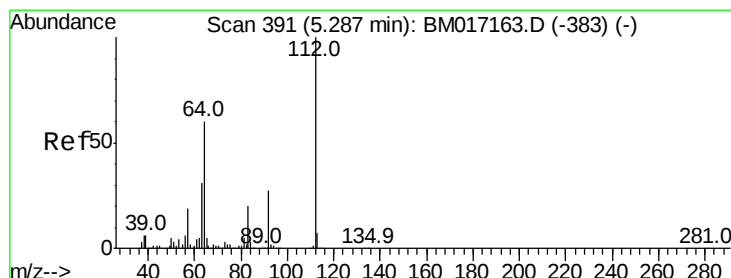
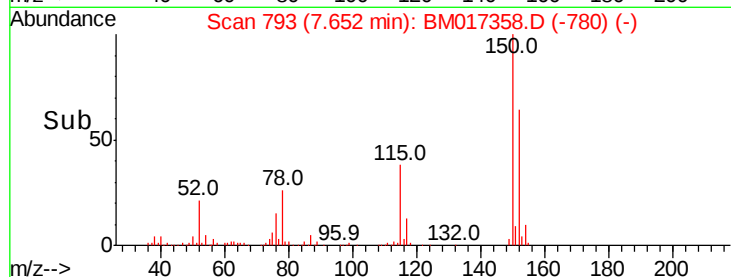
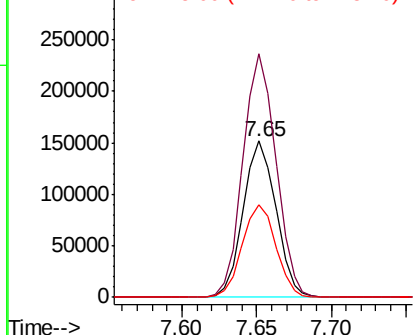
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017358.D
Acq: 26 Oct 2018 21:10

Instrument :
BNA_M
ClientSampleId :
TR-05-102518

Tot Ion:152 Resp: 231945
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 59.4 48.1 72.1



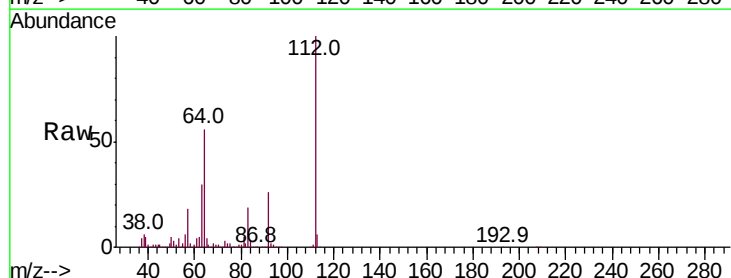
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



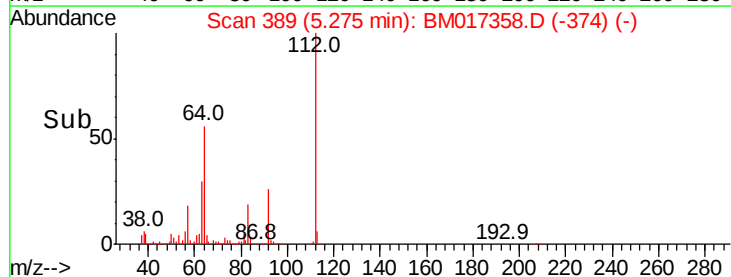
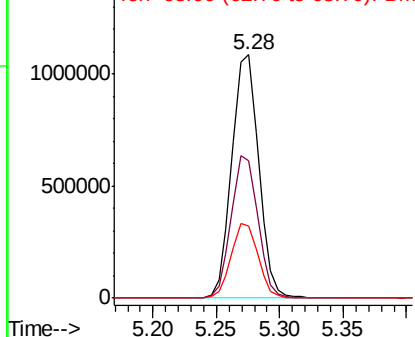
#5

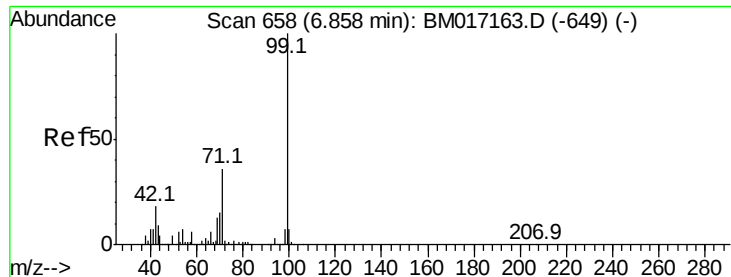
2-Fluorophenol
Concen: 116.050 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017358.D
Acq: 26 Oct 2018 21:10

Tgt Ion:112 Resp: 1591479
Ion Ratio Lower Upper
112 100
64 56.4 41.7 62.5
63 29.6 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: 107.708 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017358.D

Acq: 26 Oct 2018 21:10

Instrument :

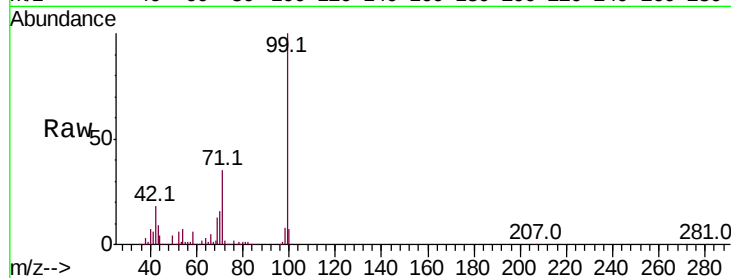
BNA_M

ClientSampleId :

TR-05-102518

Tot Ion: 99 Resp: 2011689

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.3	19.9
71	35.4	28.0	42.0

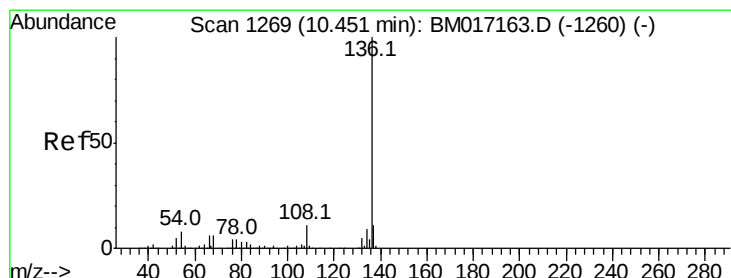
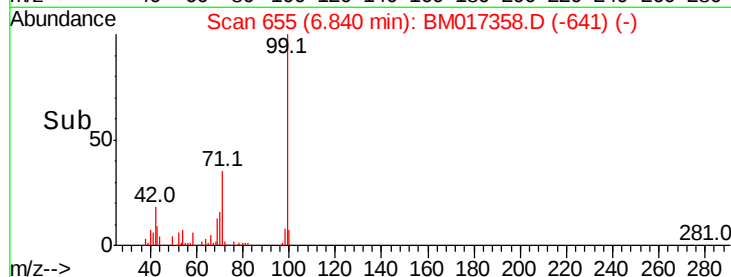
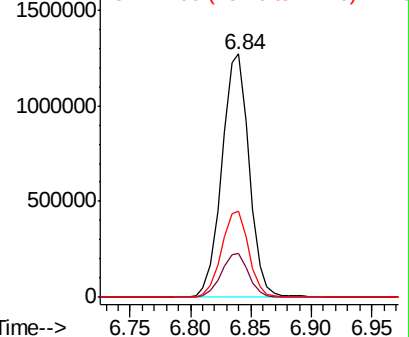


Abundance

Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

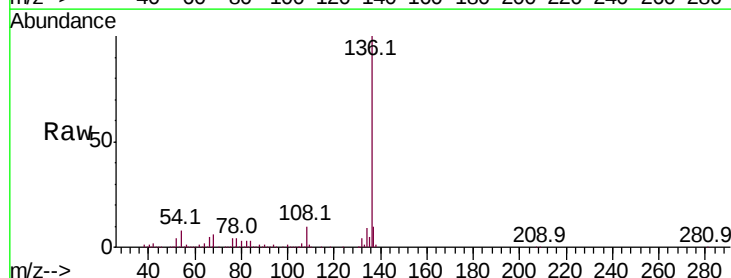
Delta R.T. -0.02 min

Lab File: BM017358.D

Acq: 26 Oct 2018 21:10

Tgt Ion: 136 Resp: 976964

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.9	6.7	10.1
68	5.8	4.7	7.1



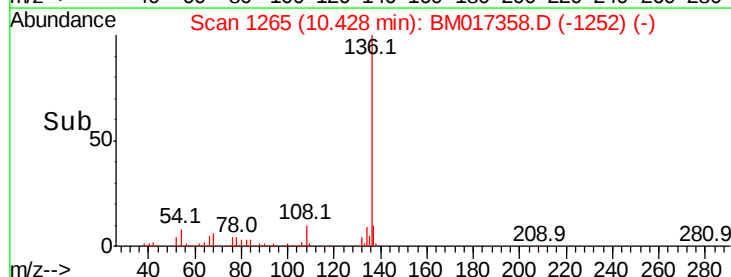
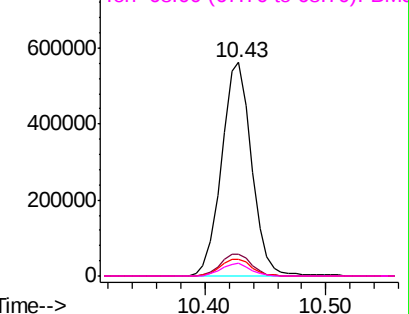
Abundance

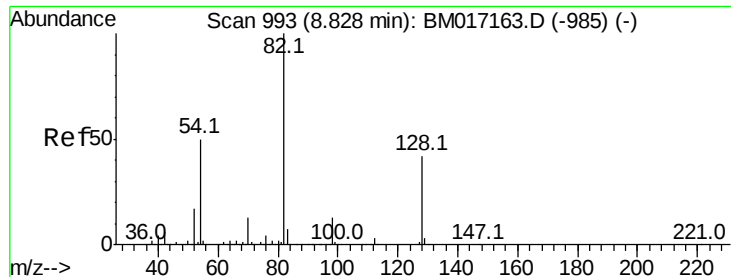
Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

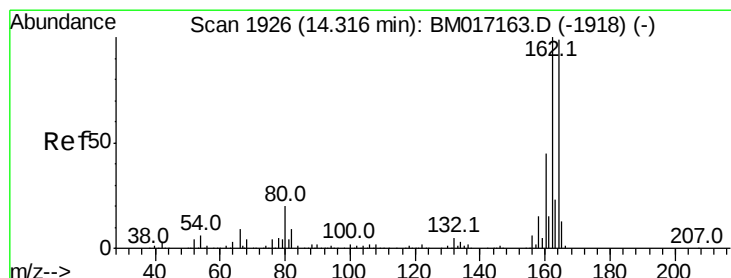
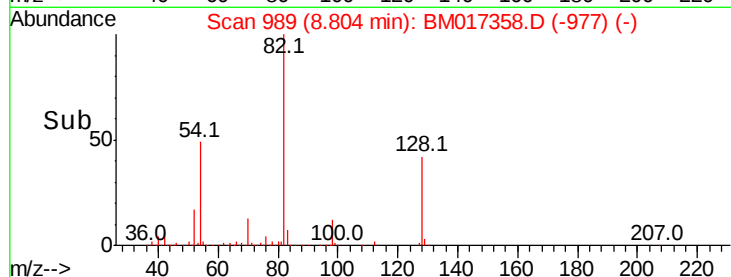
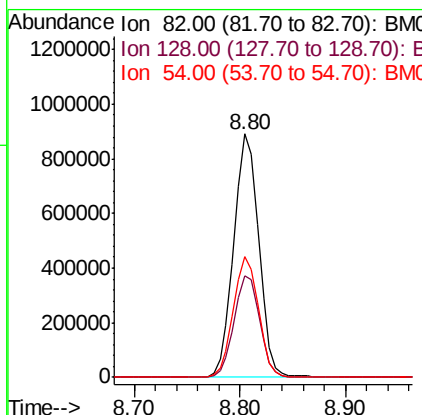
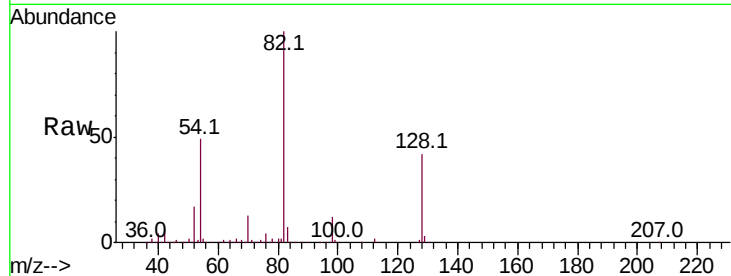




#23
Nitrobenzene-d5
Concen: 87.422 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM017358.D
Acq: 26 Oct 2018 21:10

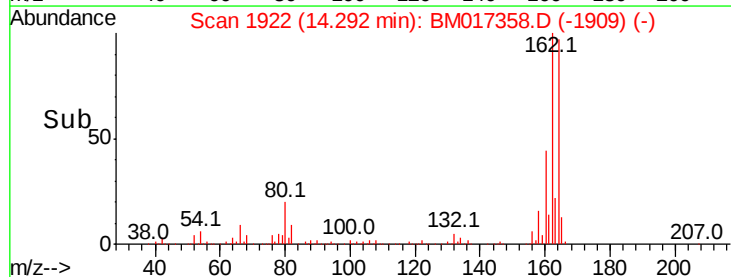
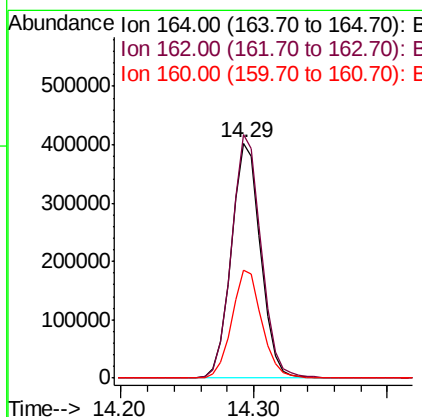
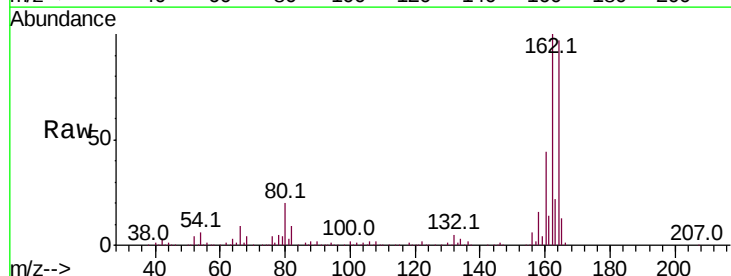
Instrument :
BNA_M
ClientSampleId :
TR-05-102518

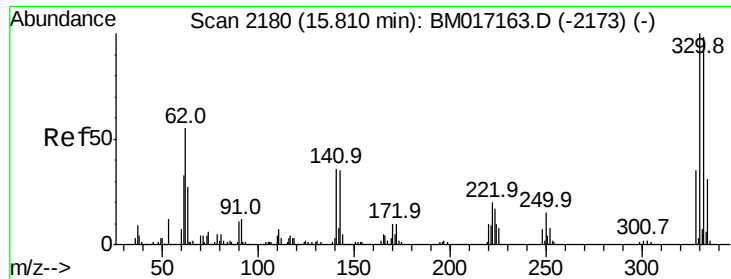
Tot Ion: 82 Resp: 1460331
Ion Ratio Lower Upper
82 100
128 41.5 37.0 55.6
54 49.4 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017358.D
Acq: 26 Oct 2018 21:10

Tgt Ion:164 Resp: 617407
Ion Ratio Lower Upper
164 100
162 103.6 82.1 123.1
160 45.9 40.2 60.2



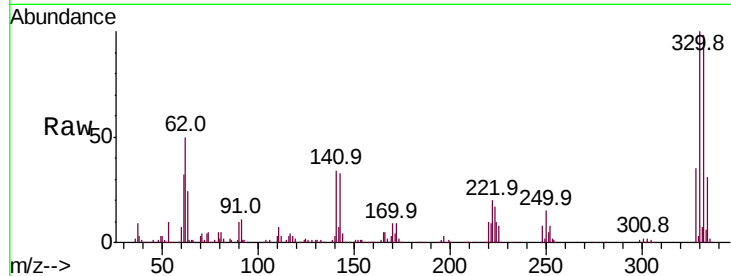


#42
 2,4,6-Tribromophenol
 Concen: 141.363 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017358.D
 Acq: 26 Oct 2018 21:10

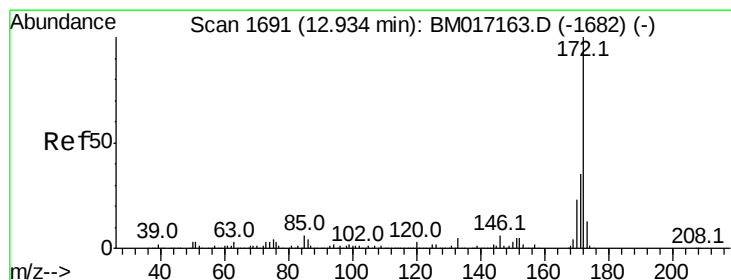
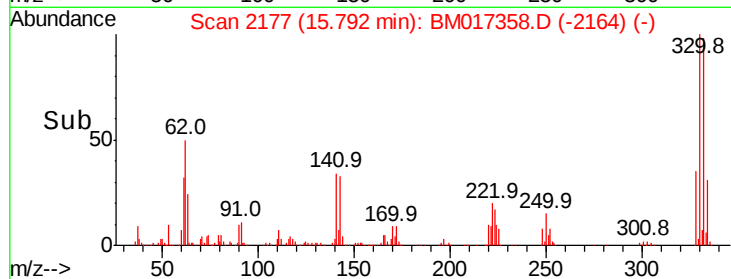
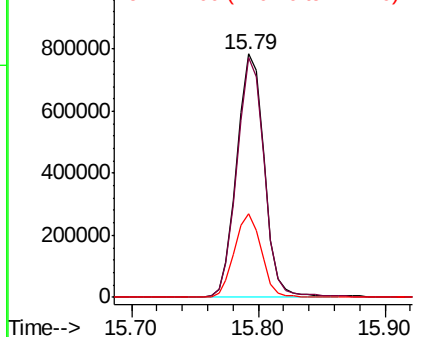
Instrument :
 BNA_M
 ClientSampled :
 TR-05-102518

Tot Ion:330 Resp: 1180317

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.8	27.4	41.0



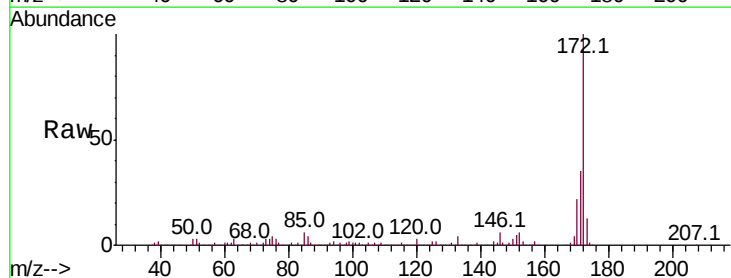
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



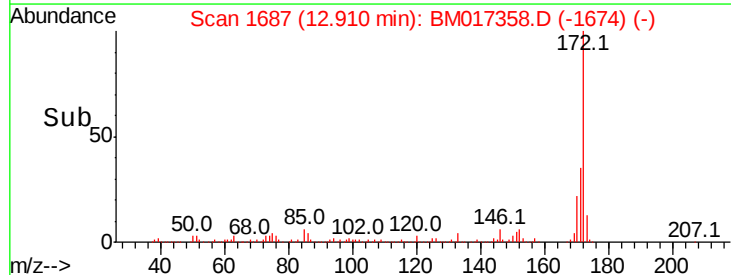
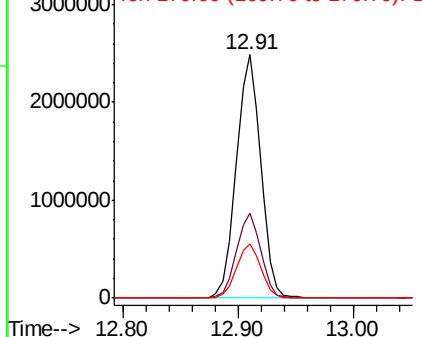
#45
 2-Fluorobiphenyl
 Concen: 78.485 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017358.D
 Acq: 26 Oct 2018 21:10

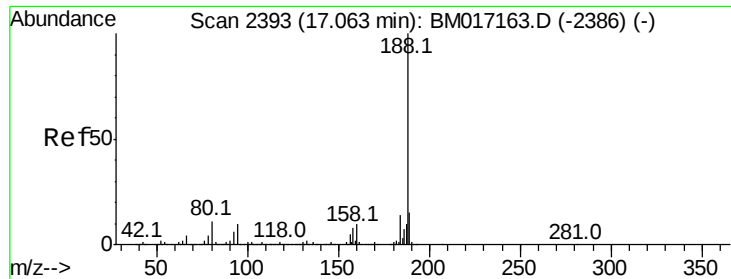
Tgt Ion:172 Resp: 3641909

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.3	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

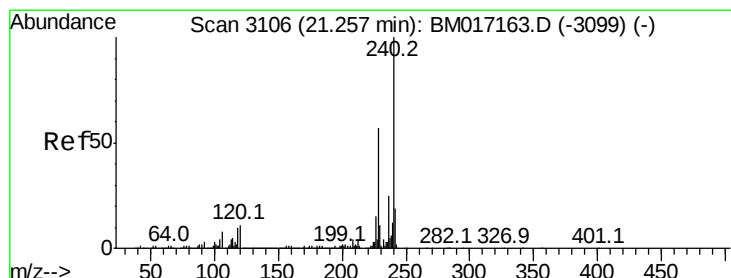
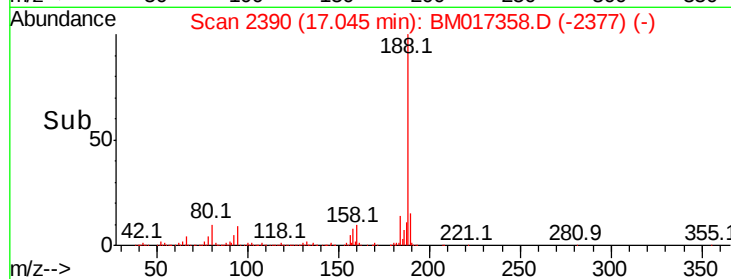
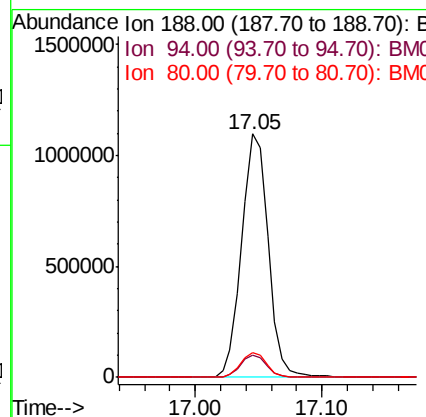
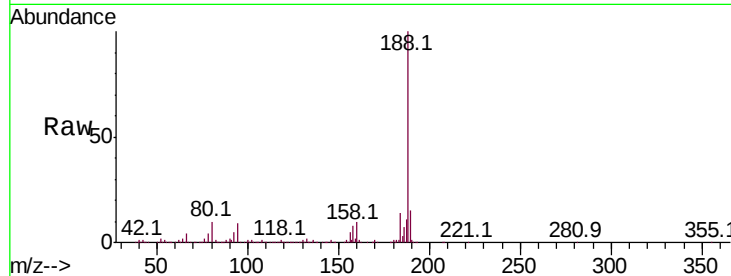




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017358.D
Acq: 26 Oct 2018 21:10

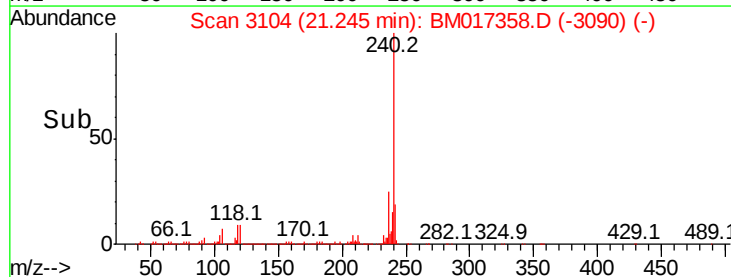
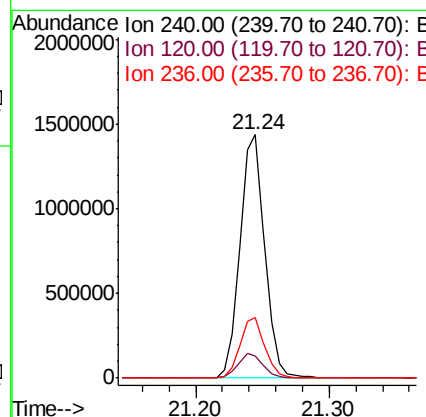
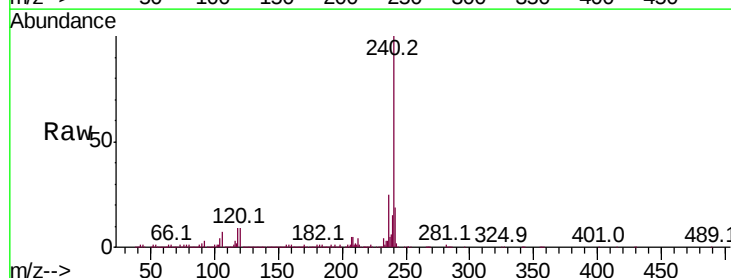
Instrument :
BNA_M
ClientSampleId :
TR-05-102518

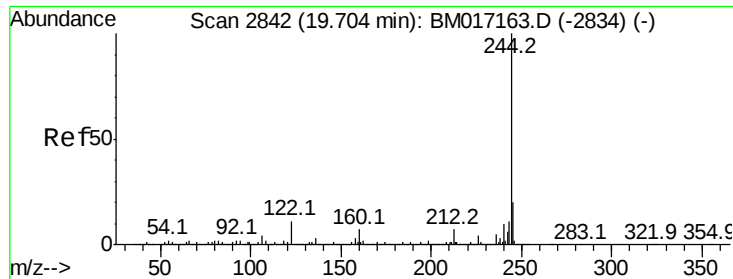
Tot Ion:188 Resp: 1594880
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017358.D
Acq: 26 Oct 2018 21:10

Tgt Ion:240 Resp: 1850019
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.1 19.9 29.9





#79

Terphenyl-d14

Concen: 83.419 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017358.D

Acq: 26 Oct 2018 21:10

Instrument :

BNA_M

ClientSampleId :

TR-05-102518

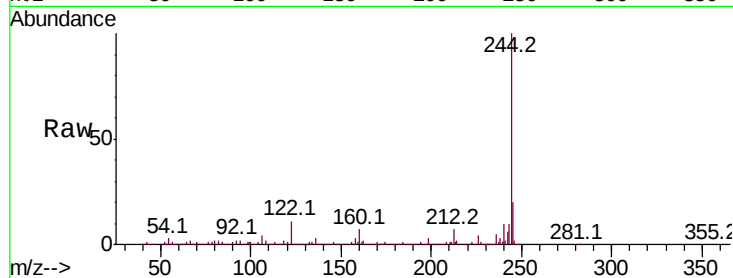
Tot Ion:244 Resp: 6846793

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	10.9	8.4	12.6

244 100

212 7.4 5.5 8.3

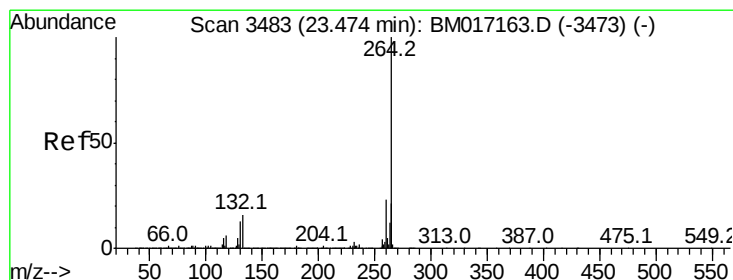
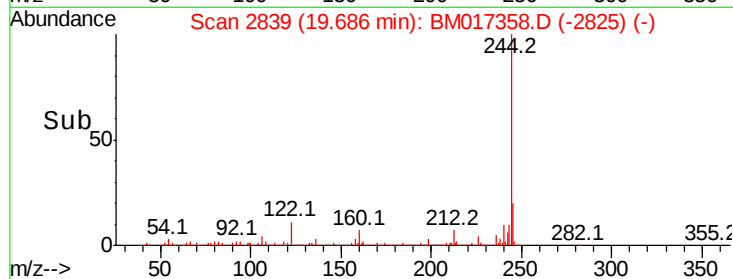
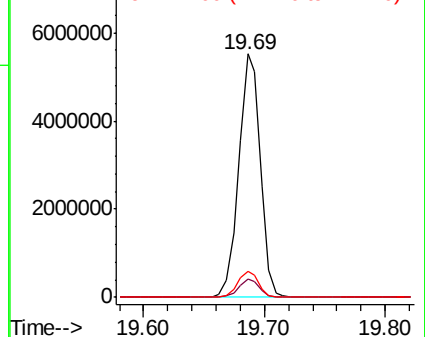
122 10.9 8.4 12.6



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: BM017358.D

Acq: 26 Oct 2018 21:10

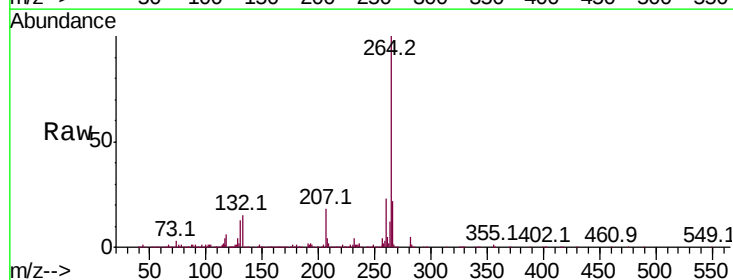
Tgt Ion:264 Resp: 1676969

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.3	17.8	26.8

264 100

260 22.9 18.6 27.8

265 22.3 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

