

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018793.D
 Acq On : 13 Feb 2019 03:39
 Operator : JU/SJ
 Sample : K1462-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2-S

Quant Time: Feb 13 06:42:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	311458	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1239482	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	708611	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1639813	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1490842	20.00	ng	0.00
87) Perylene-d12	23.57	264	1237002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2642456	139.01	ng	0.00
7) Phenol-d6	6.89	99	3144504	117.42	ng	0.00
23) Nitrobenzene-d5	8.88	82	2781222	103.75	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1643975	160.95	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5391682	101.01	ng	0.00
79) Terphenyl-d14	19.75	244	8990999	124.41	ng	0.00

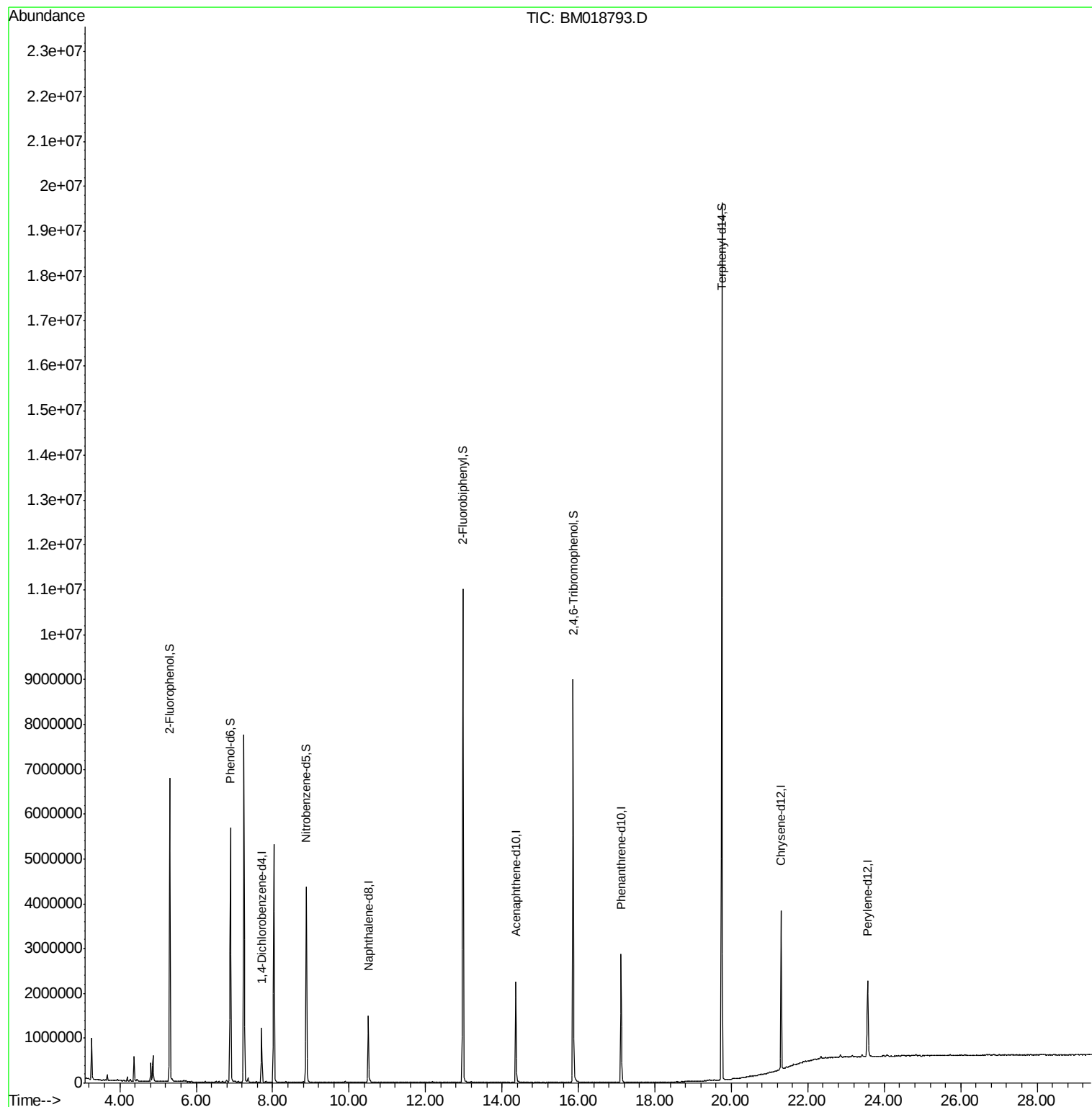
Target Compounds Qvalue

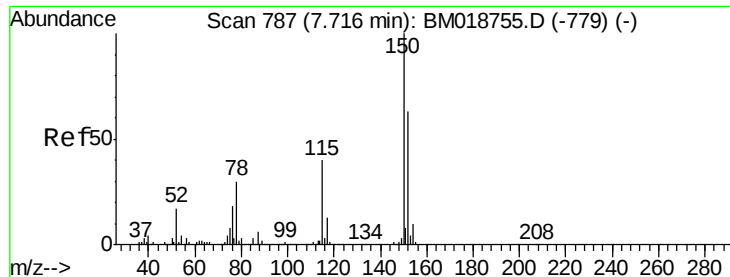
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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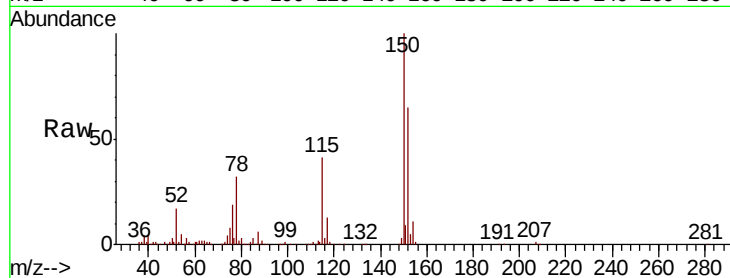


#1

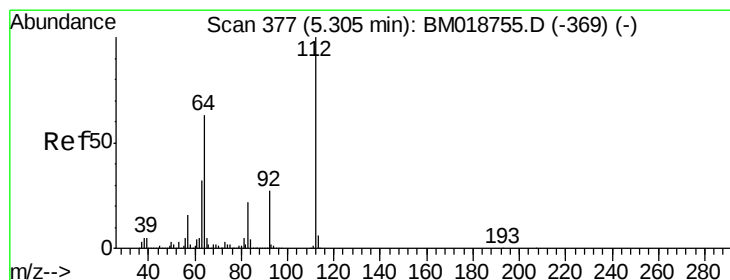
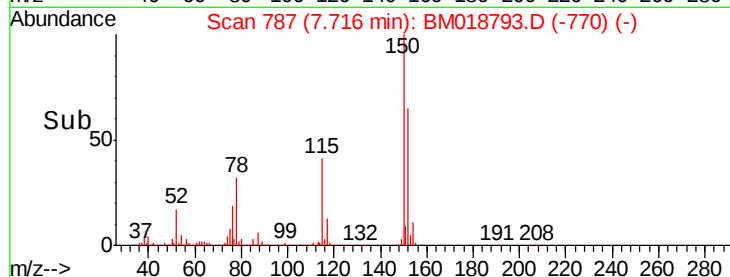
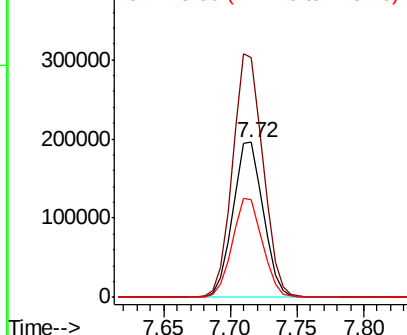
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018793.D
Acq: 13 Feb 2019 03:39

Instrument :
BNA_M
ClientSampleId :
TP-2-S

Tot Ion:152 Resp: 311458
Ion Ratio Lower Upper
152 100
150 154.6 127.3 190.9
115 63.1 50.8 76.2



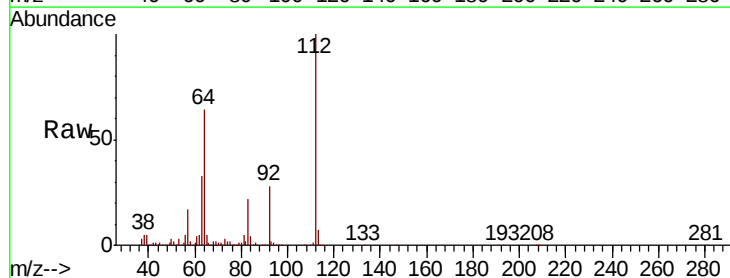
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



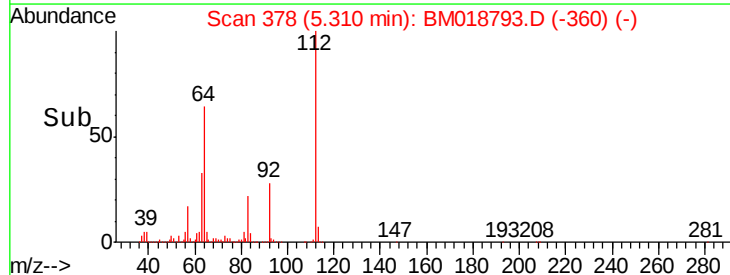
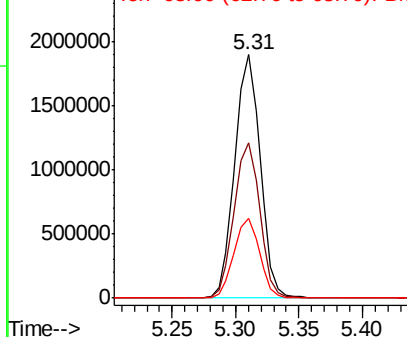
#5

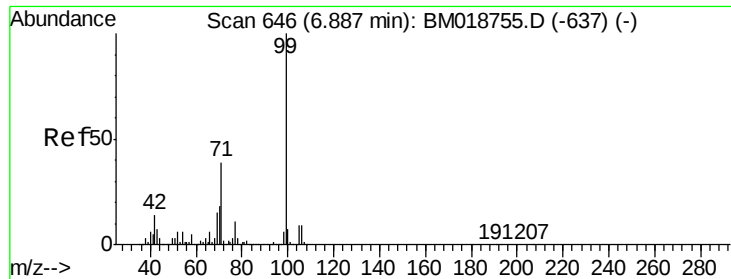
2-Fluorophenol
Concen: 139.011 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018793.D
Acq: 13 Feb 2019 03:39

Tgt Ion:112 Resp: 2642456
Ion Ratio Lower Upper
112 100
64 63.8 50.6 75.8
63 32.8 25.7 38.5



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: 117.424 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018793.D

Acq: 13 Feb 2019 03:39

Instrument :

BNA_M

ClientSampled :

TP-2-S

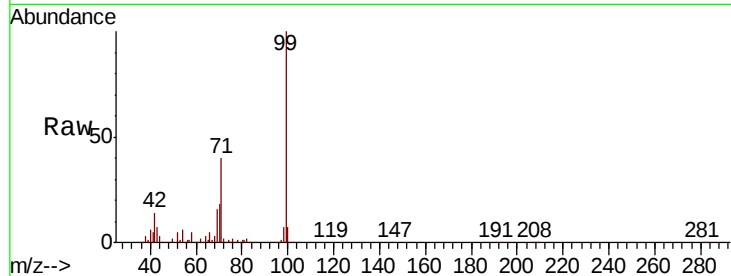
Tot Ion: 99 Resp: 3144504

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

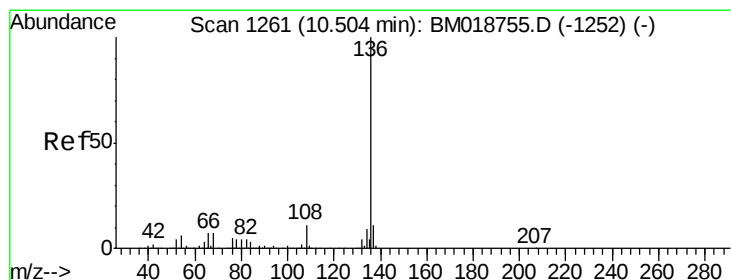
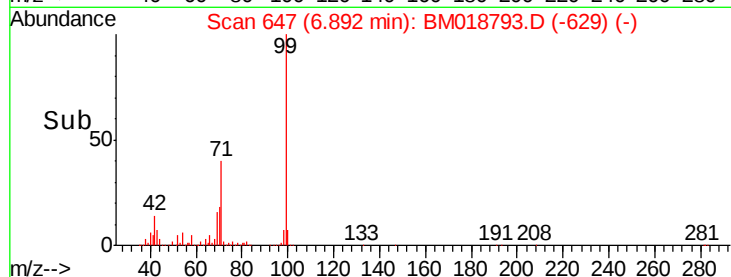
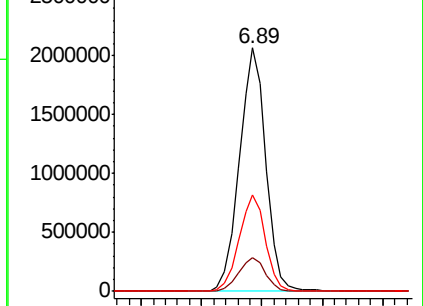
71 39.6 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018793.D

Acq: 13 Feb 2019 03:39

Tgt Ion: 136 Resp: 1239482

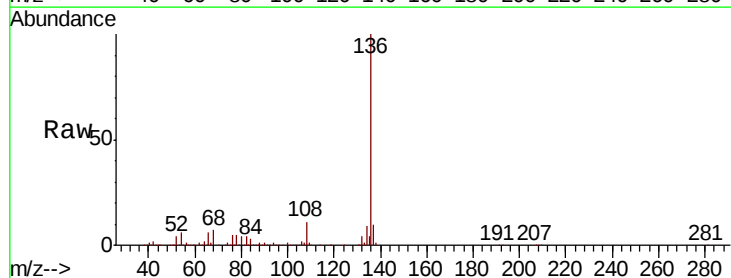
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.3 5.0 7.6

68 6.9 5.5 8.3

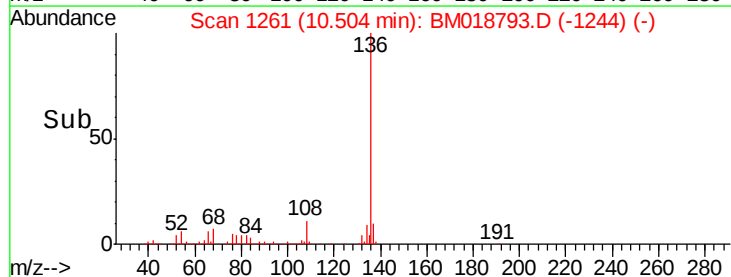
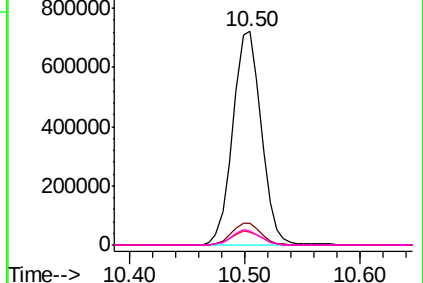


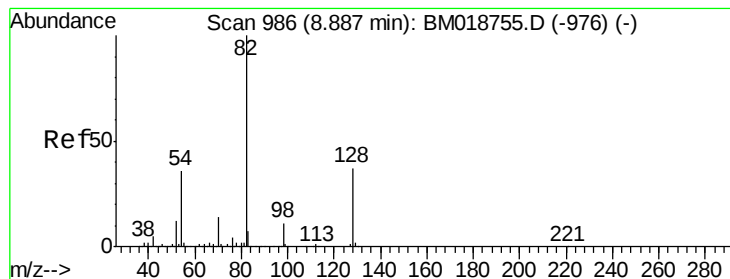
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)





#23

Nitrobenzene-d5

Concen: 103.753 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018793.D

Acq: 13 Feb 2019 03:39

Instrument :

BNA_M

ClientSampleId :

TP-2-S

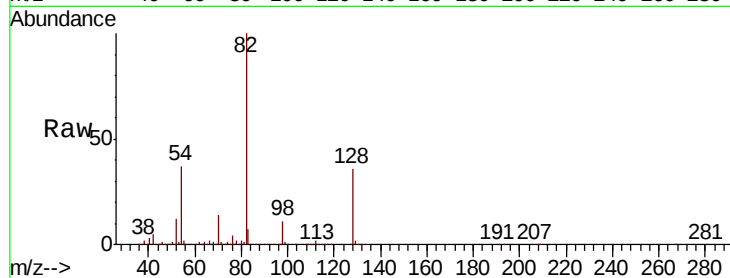
Tot Ion: 82 Resp: 2781222

Ion Ratio Lower Upper

82 100

128 36.4 29.9 44.9

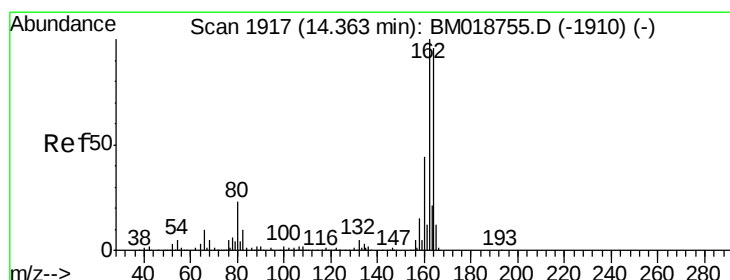
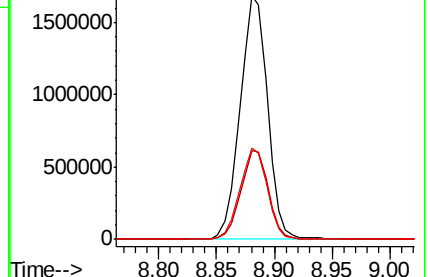
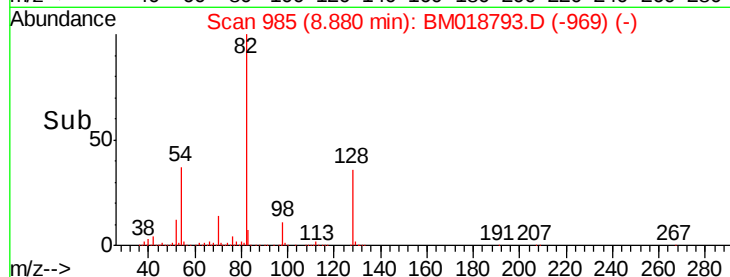
54 37.2 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018793.D

Acq: 13 Feb 2019 03:39

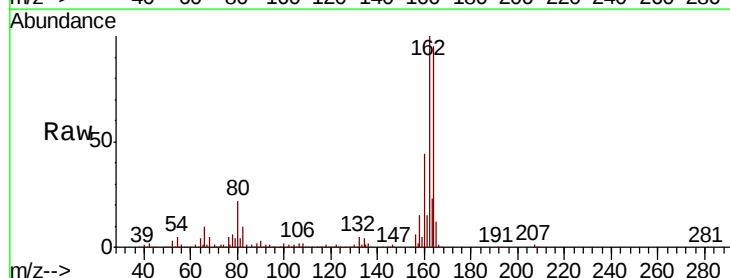
Tgt Ion:164 Resp: 708611

Ion Ratio Lower Upper

164 100

162 105.4 83.4 125.0

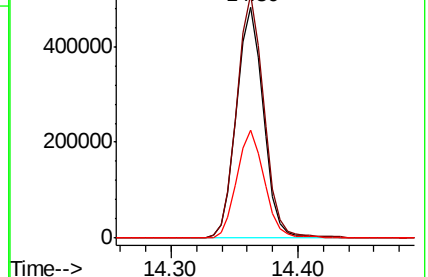
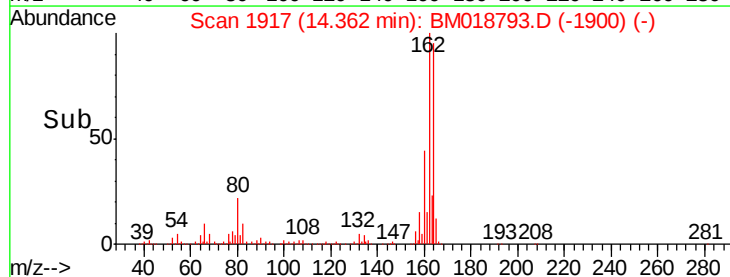
160 46.9 36.6 55.0

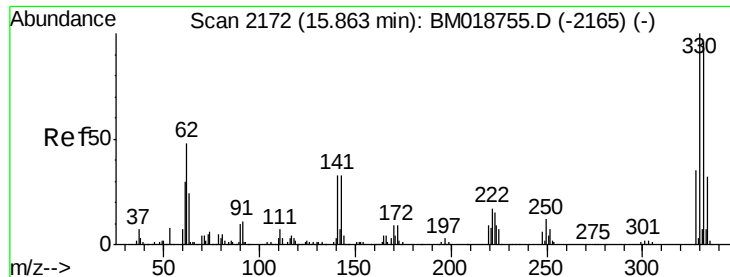


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)



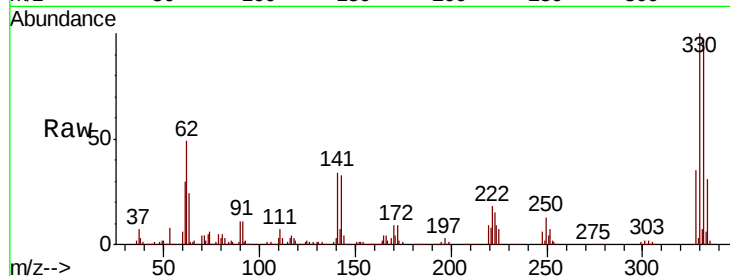


#42
 2,4,6-Tribromophenol
 Concen: 160.946 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018793.D
 Acq: 13 Feb 2019 03:39

Instrument :
 BNA_M
 ClientSampleId :
 TP-2-S

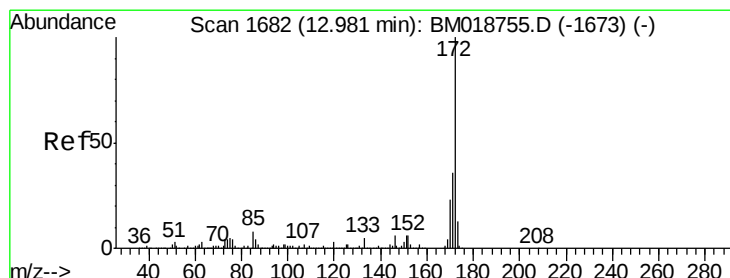
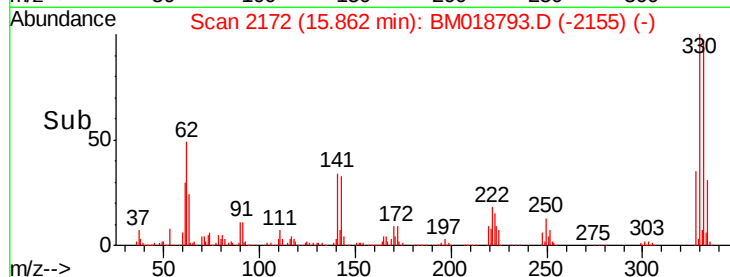
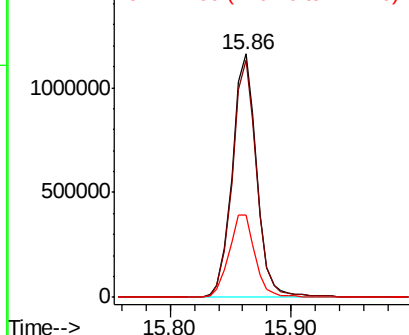
Tot Ion:330 Resp: 1643975

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	36.2	28.7	43.1



Abundance

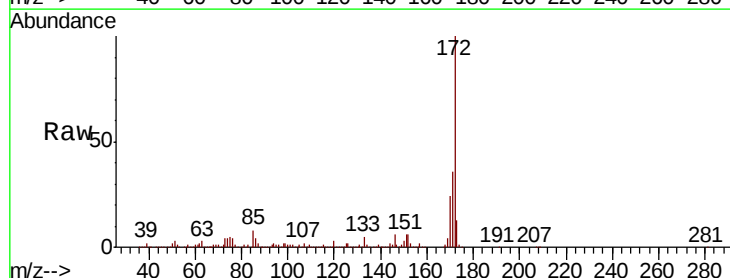
Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.005 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018793.D
 Acq: 13 Feb 2019 03:39

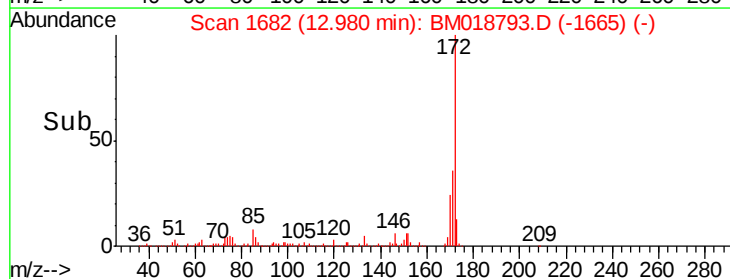
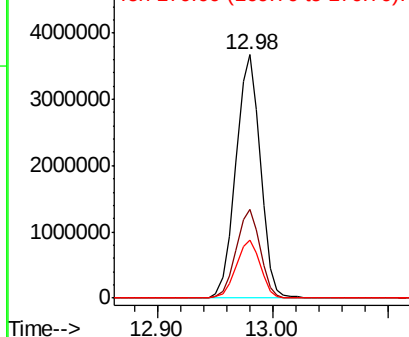
Tgt Ion:172 Resp: 5391682

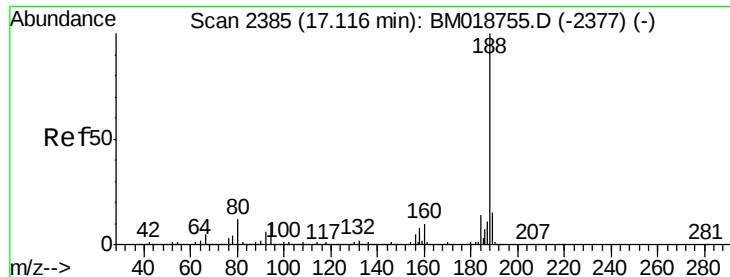
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.6	18.6	28.0



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

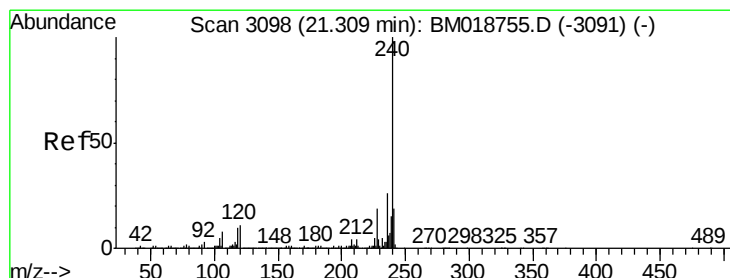
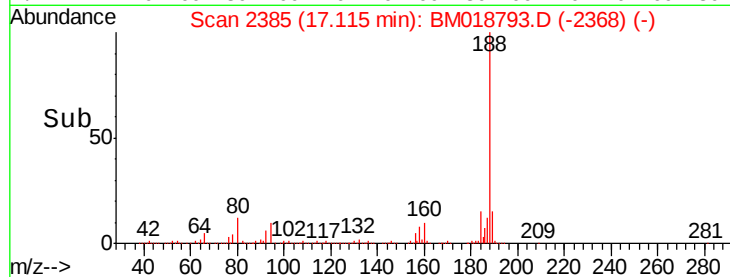
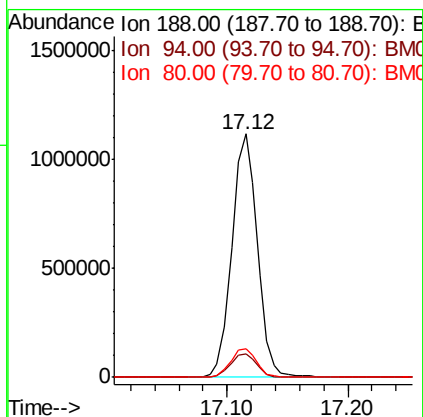
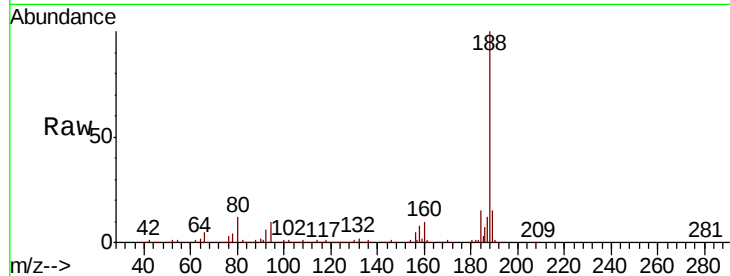




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018793.D
Acq: 13 Feb 2019 03:39

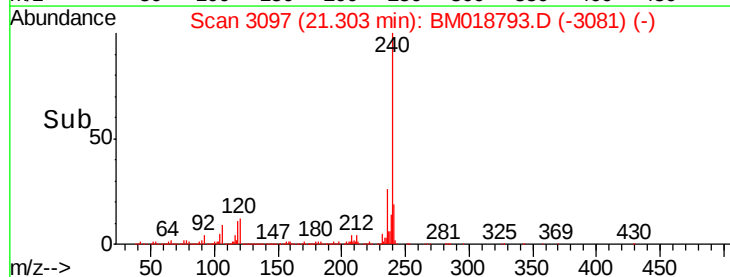
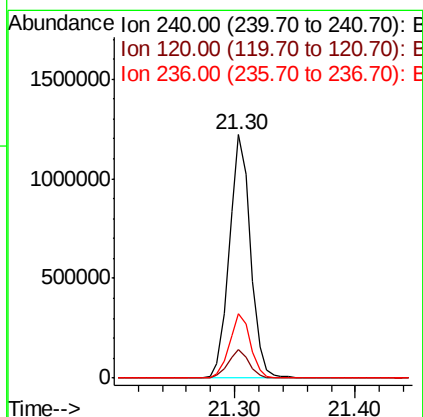
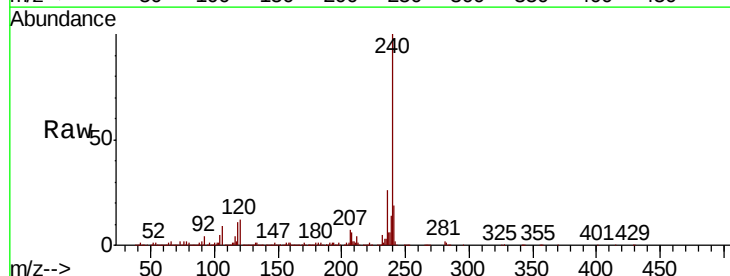
Instrument :
BNA_M
ClientSampleId :
TP-2-S

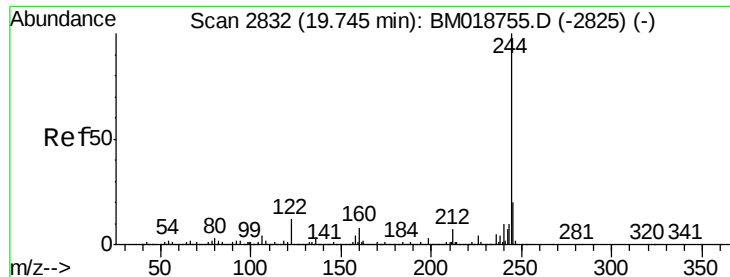
Tot Ion:188 Resp: 1639813
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018793.D
Acq: 13 Feb 2019 03:39

Tgt Ion:240 Resp: 1490842
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 124.410 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018793.D

Acq: 13 Feb 2019 03:39

Instrument :

BNA_M

ClientSampleId :

TP-2-S

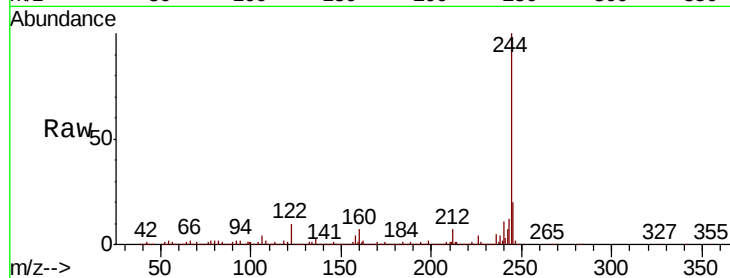
Tot Ion:244 Resp: 8990999

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

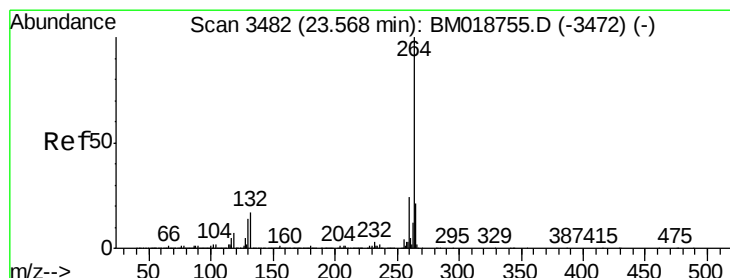
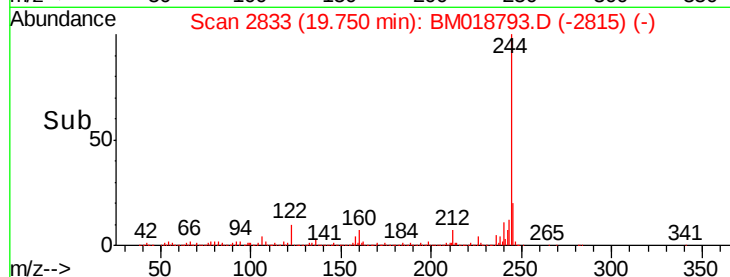
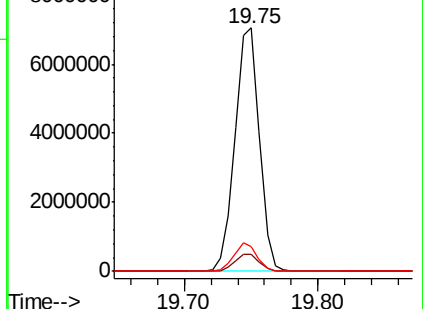
122 10.3 9.3 13.9



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: 23.57 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BM018793.D

Acq: 13 Feb 2019 03:39

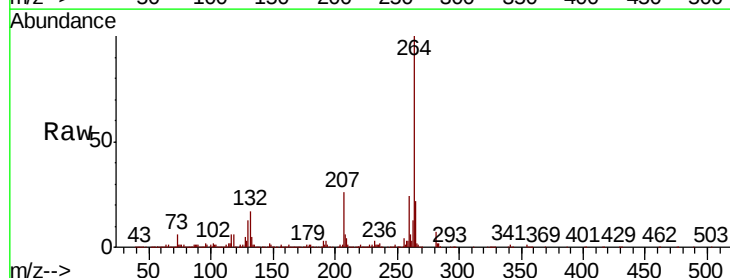
Tgt Ion:264 Resp: 1237002

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.4 17.3 25.9



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

