

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018792.D
 Acq On : 13 Feb 2019 03:02
 Operator : JU/SJ
 Sample : K1462-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Quant Time: Feb 13 06:41:20 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	297901	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1179811	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	666960	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1525595	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1410334	20.00	ng	0.00
87) Perylene-d12	23.56	264	1167774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2691585	148.04	ng	0.00
7) Phenol-d6	6.89	99	3317739	129.53	ng	0.00
23) Nitrobenzene-d5	8.88	82	2683164	105.16	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1551125	161.34	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5206272	103.62	ng	0.00
79) Terphenyl-d14	19.75	244	8519559	124.62	ng	0.00

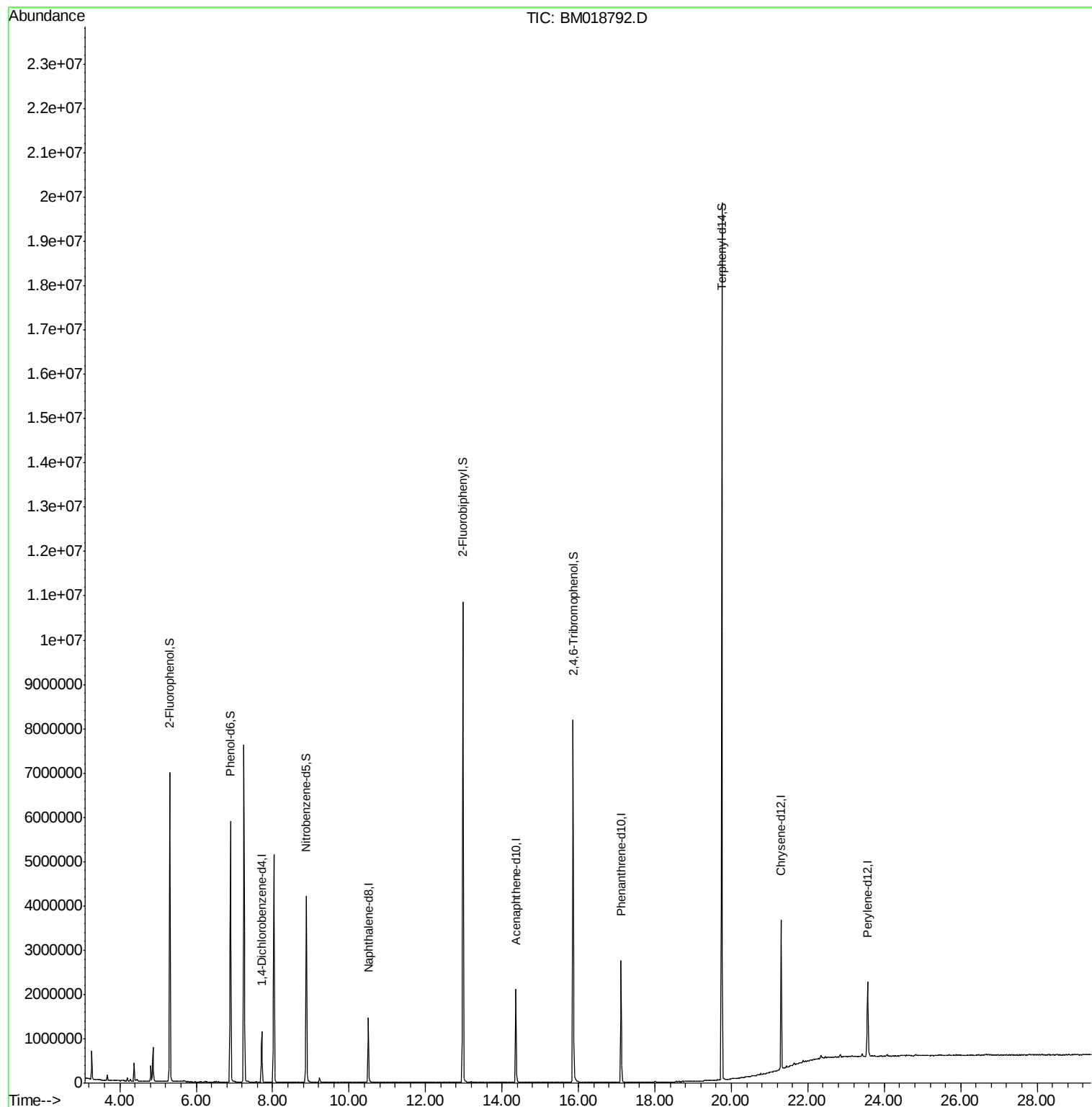
Target Compounds Qvalue

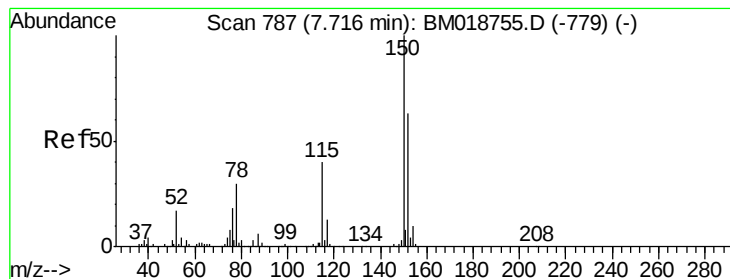
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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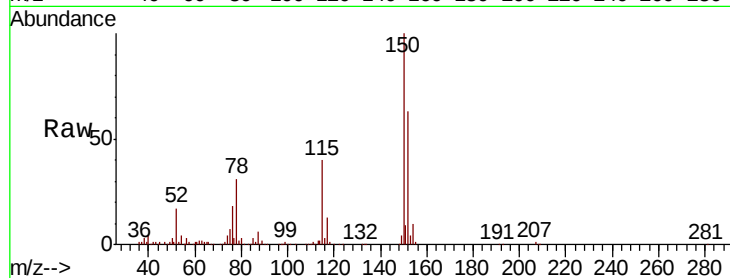


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018792.D
Acq: 13 Feb 2019 03:02

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.3	190.9
115	62.9	50.8	76.2

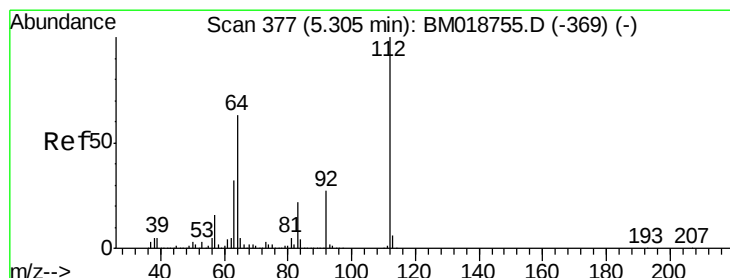
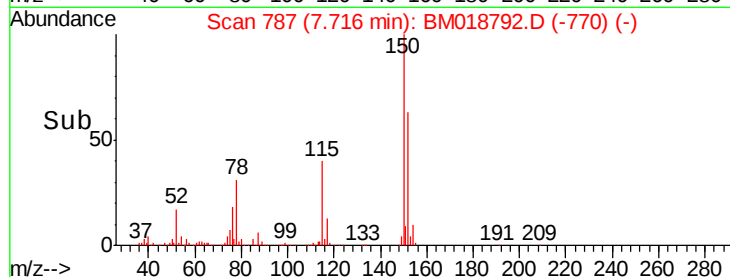
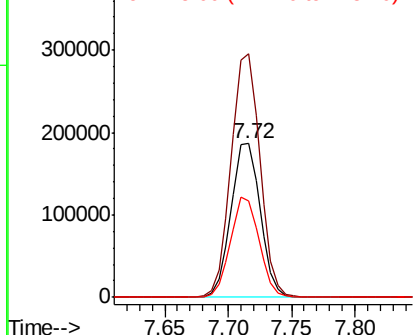


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

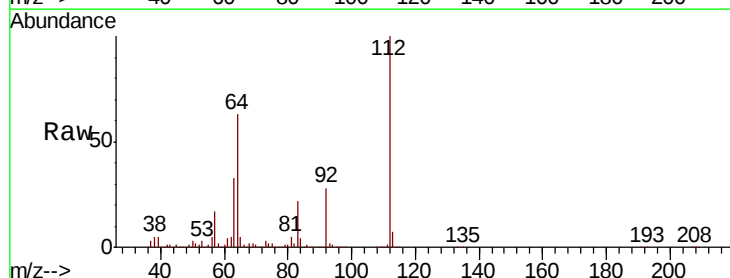
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 148.039 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018792.D
Acq: 13 Feb 2019 03:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	75.8
63	33.0	25.7	38.5

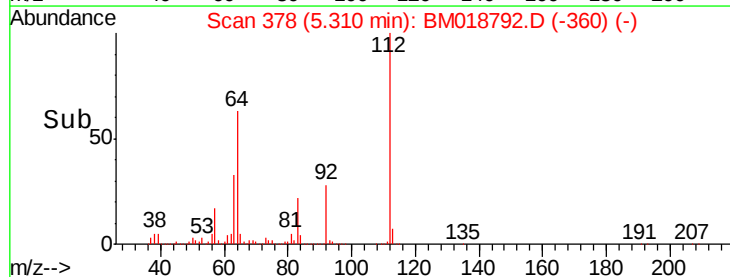
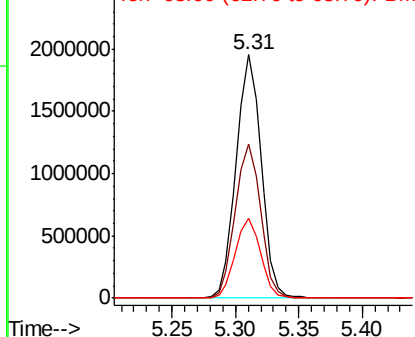


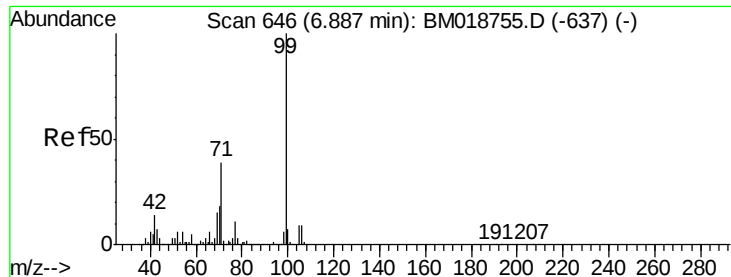
Abundance

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: 129.531 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018792.D

Acq: 13 Feb 2019 03:02

Instrument :

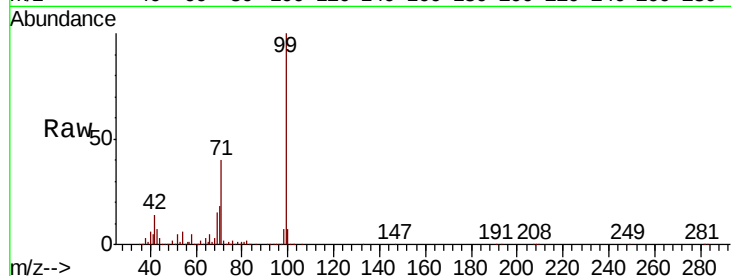
BNA_M

ClientSampled :

TP-1-S

Tot Ion: 99 Resp: 3317739

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	39.5	31.3	46.9

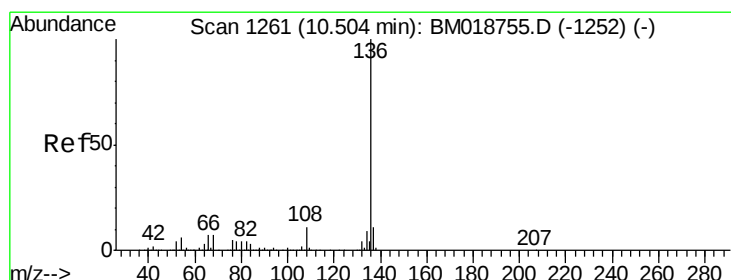
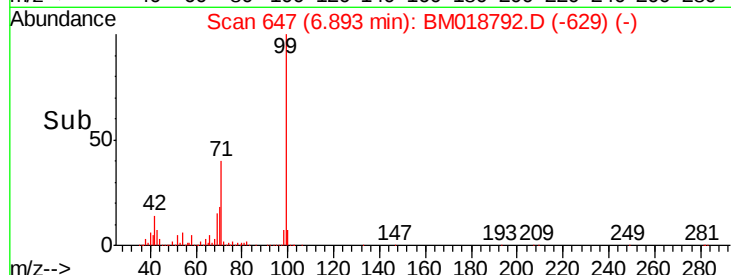
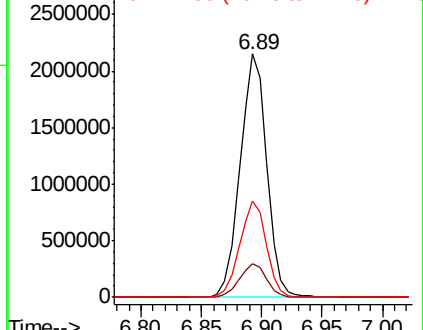


Abundance

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

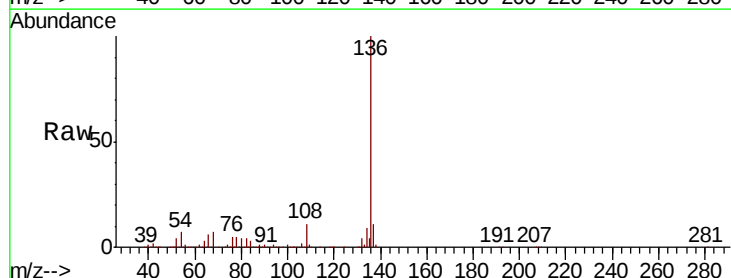
Delta R.T. -0.00 min

Lab File: BM018792.D

Acq: 13 Feb 2019 03:02

Tgt Ion: 136 Resp: 1179811

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.0	7.6
68	6.9	5.5	8.3



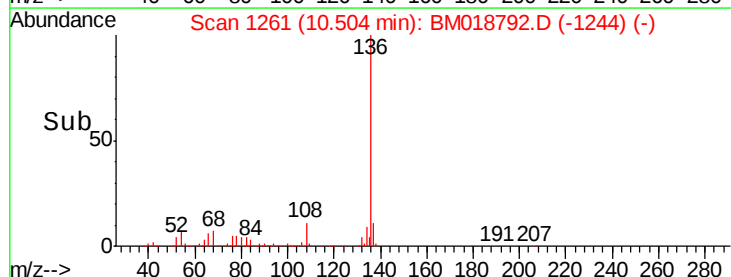
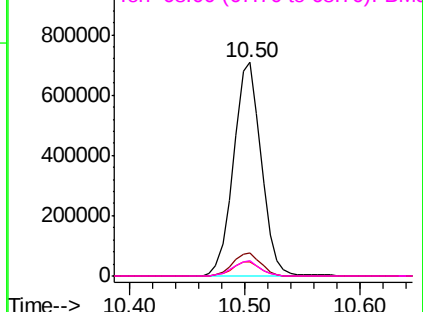
Abundance

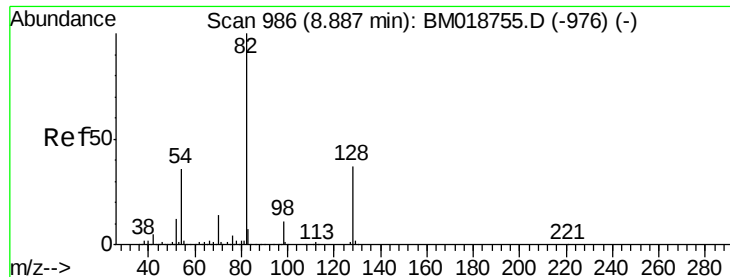
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

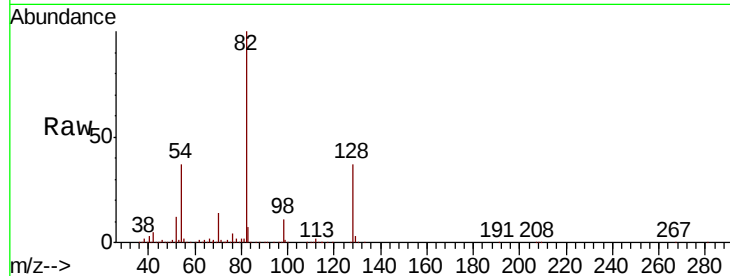




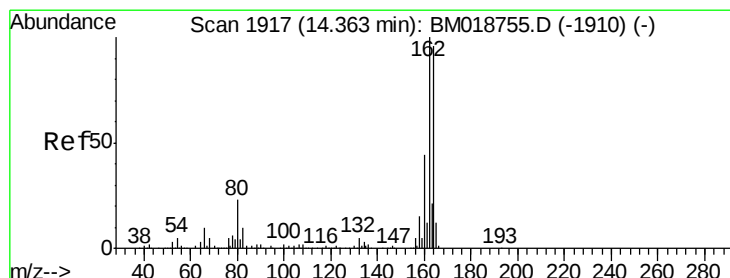
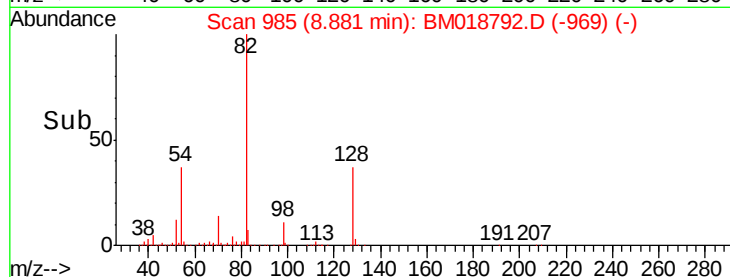
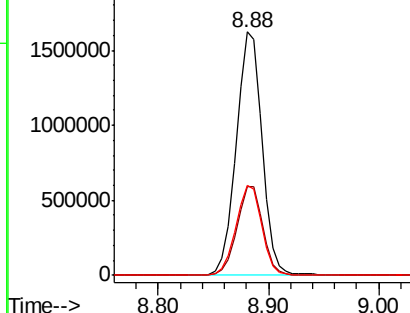
#23
Nitrobenzene-d5
Concen: 105.157 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018792.D
Acq: 13 Feb 2019 03:02

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion: 82 Resp: 2683164
Ion Ratio Lower Upper
82 100
128 36.5 29.9 44.9
54 37.2 29.1 43.7

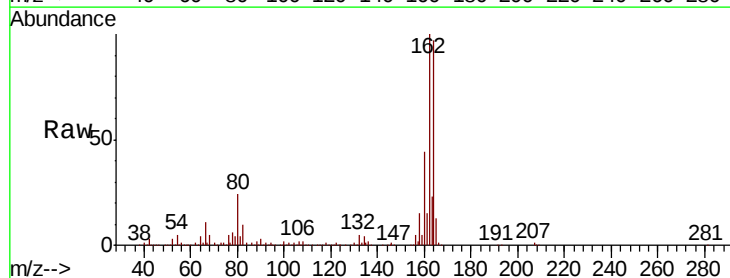


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

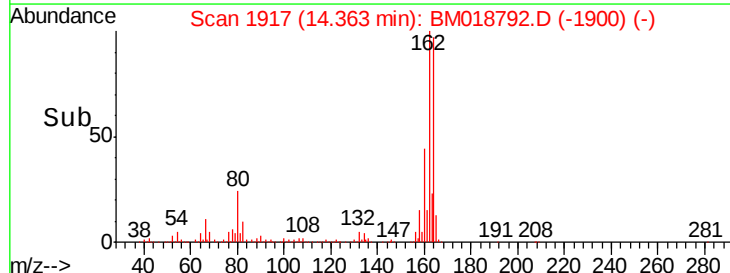
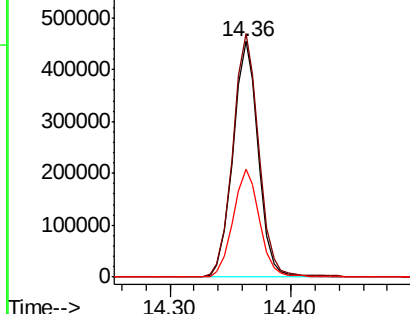


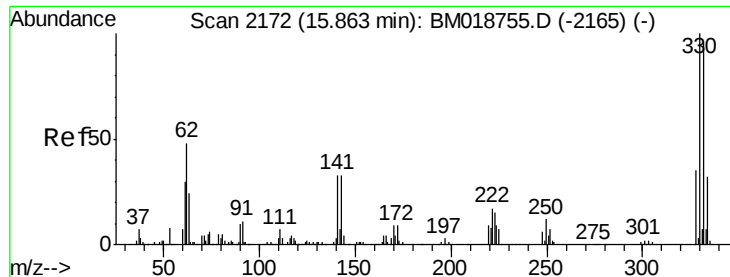
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018792.D
Acq: 13 Feb 2019 03:02

Tgt Ion:164 Resp: 666960
Ion Ratio Lower Upper
164 100
162 103.4 83.4 125.0
160 45.9 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) (-)

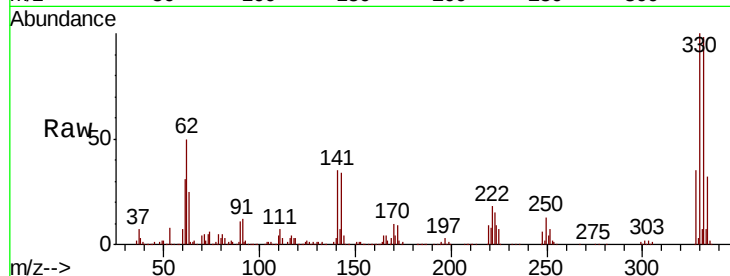




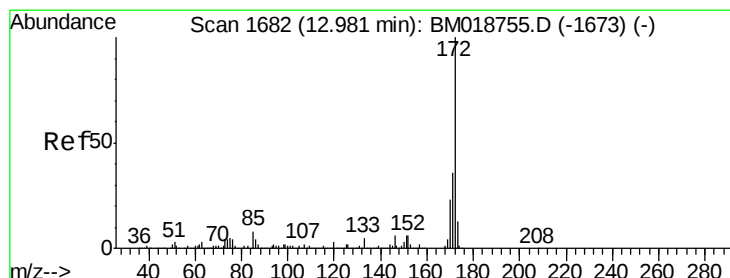
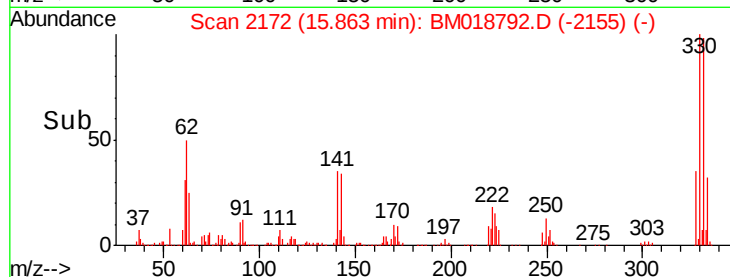
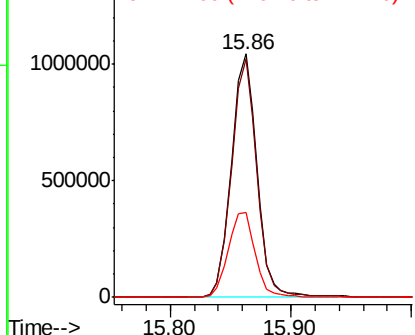
#42
 2,4,6-Tribromophenol
 Concen: 161.339 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018792.D
 Acq: 13 Feb 2019 03:02

Instrument :
 BNA_M
 ClientSampled :
 TP-1-S

Tot Ion:330 Resp: 1551125
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 36.7 28.7 43.1

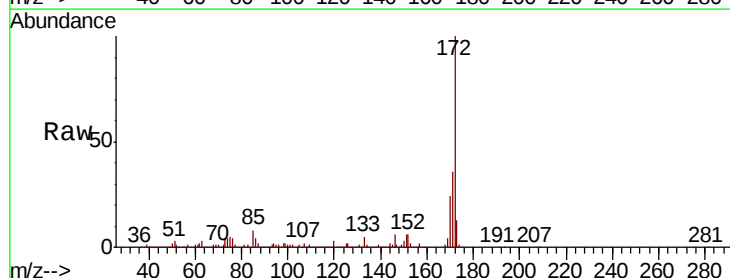


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

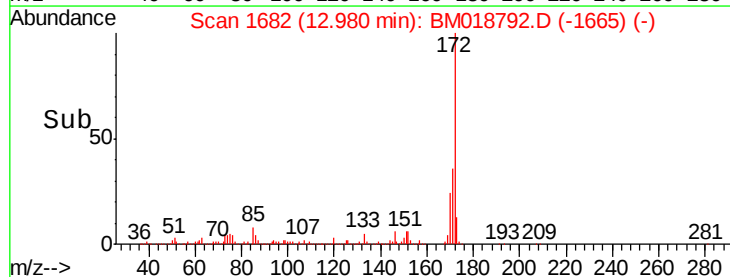
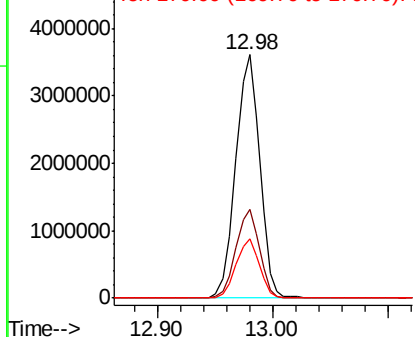


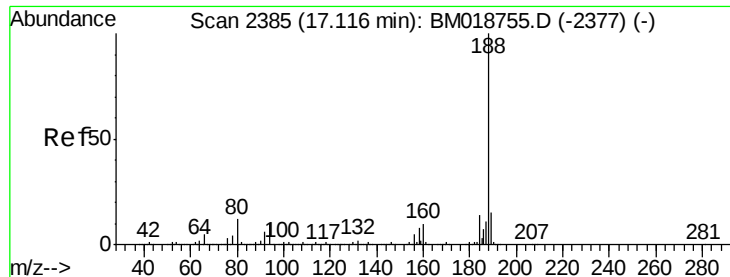
#45
 2-Fluorobiphenyl
 Concen: 103.622 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018792.D
 Acq: 13 Feb 2019 03:02

Tgt Ion:172 Resp: 5206272
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.2 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: BM018792.D

Acq: 13 Feb 2019 03:02

Instrument :

BNA_M

ClientSampleId :

TP-1-S

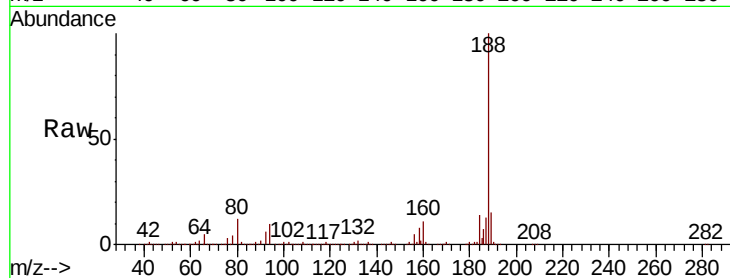
Tot Ion:188 Resp: 1525595

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

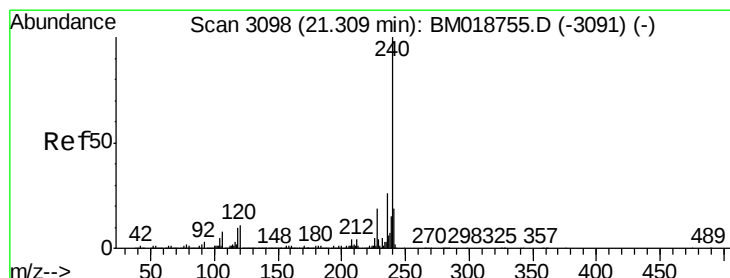
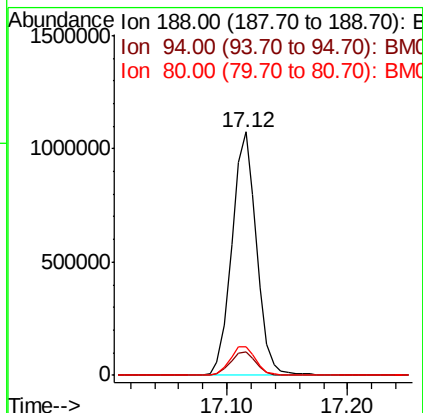
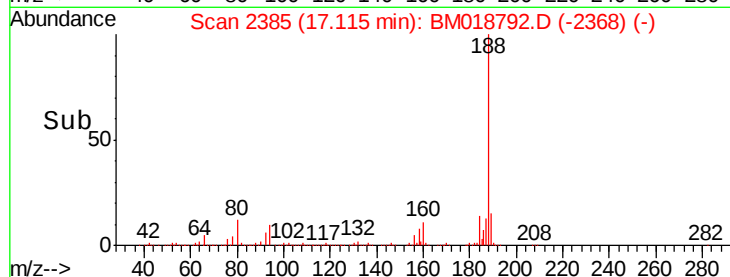
80 11.6 9.7 14.5



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: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018792.D

Acq: 13 Feb 2019 03:02

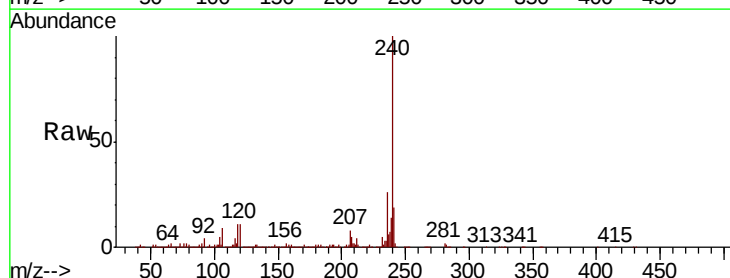
Tgt Ion:240 Resp: 1410334

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

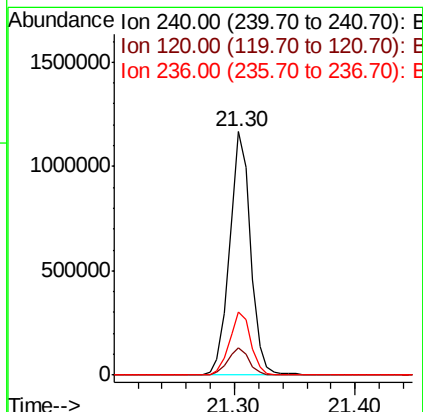
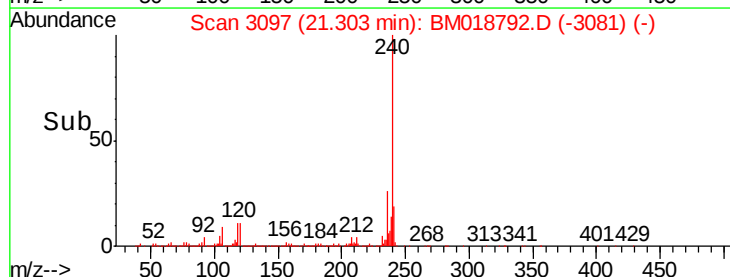
236 26.2 20.9 31.3

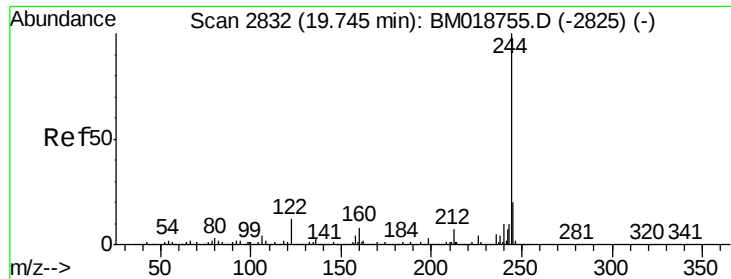


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

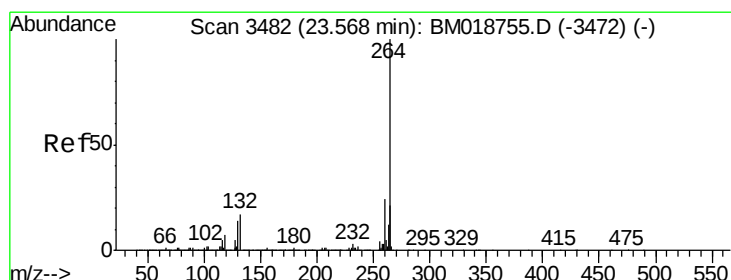
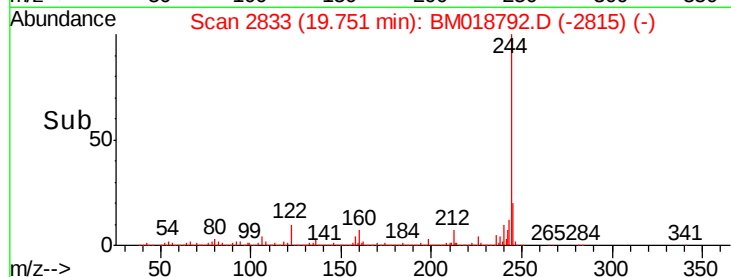
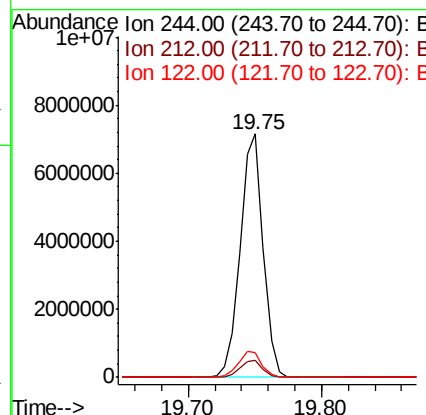
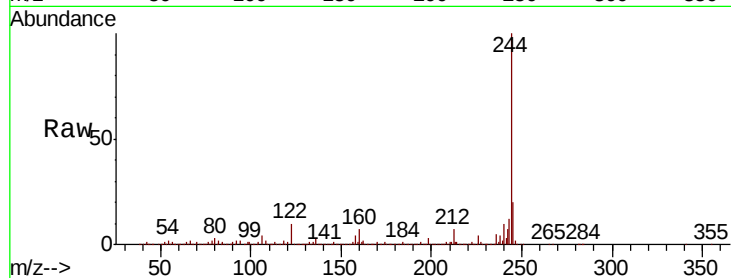




#79
 Terphenyl-d14
 Concen: 124.616 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018792.D
 Acq: 13 Feb 2019 03:02

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Tot Ion:244 Resp: 8519559
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.4 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.56 min Scan# 3481
 Delta R.T. -0.01 min
 Lab File: BM018792.D
 Acq: 13 Feb 2019 03:02

Tgt Ion:264 Resp: 1167774
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.4 17.3 25.9

