

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
 Data File : BM018908.D
 Acq On : 21 Feb 2019 22:32
 Operator : JU/SJ
 Sample : K1547-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Quant Time: Feb 22 04:25:05 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	7.70	152	291906	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1148751	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	611844	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1248006	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	985899	20.00	ng	-0.02
87) Perylene-d12	23.54	264	992103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2119169	118.95	ng	-0.01
7) Phenol-d6	6.87	99	2382576	94.93	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2256599	90.83	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1083185	122.82	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4080219	88.53	ng	-0.02
79) Terphenyl-d14	19.73	244	5535447	115.82	ng	-0.01

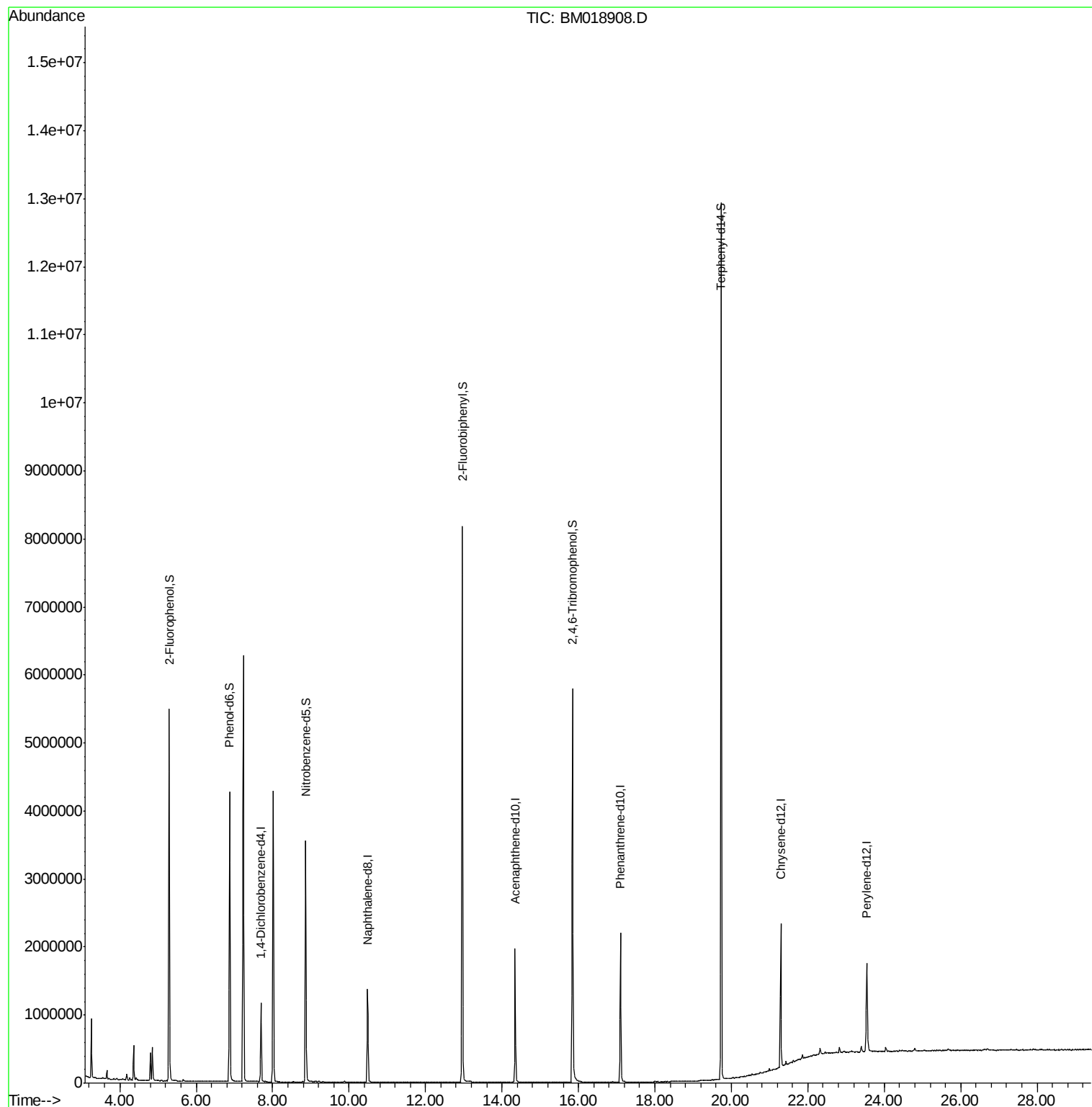
Target Compounds Qvalue

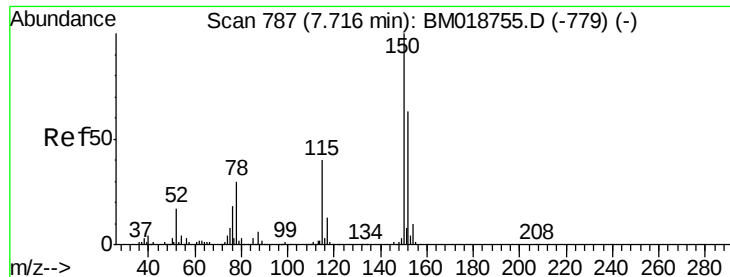
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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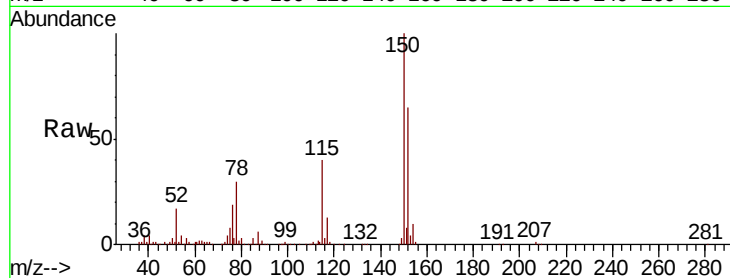


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018908.D
Acq: 21 Feb 2019 22:32

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.3	190.9
115	61.3	50.8	76.2

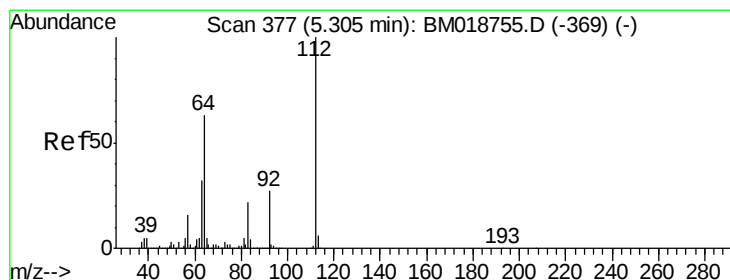
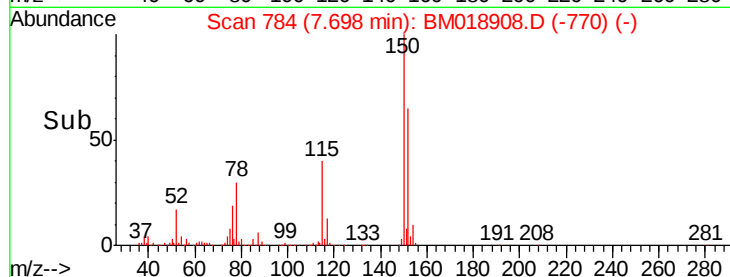
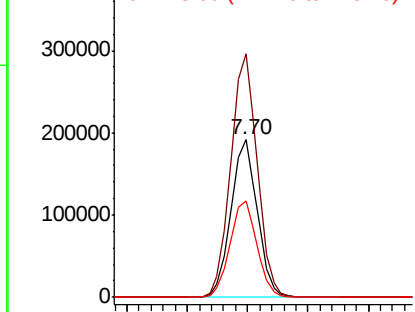


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

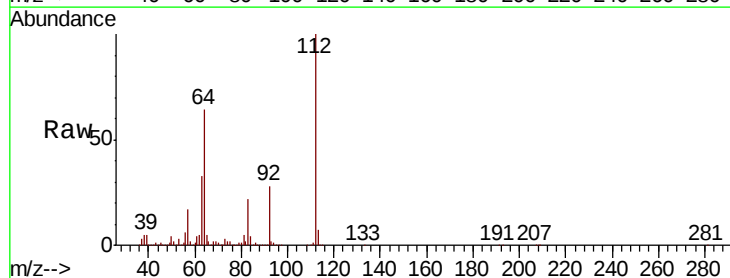
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.949 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018908.D
Acq: 21 Feb 2019 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.6	75.8
63	33.2	25.7	38.5

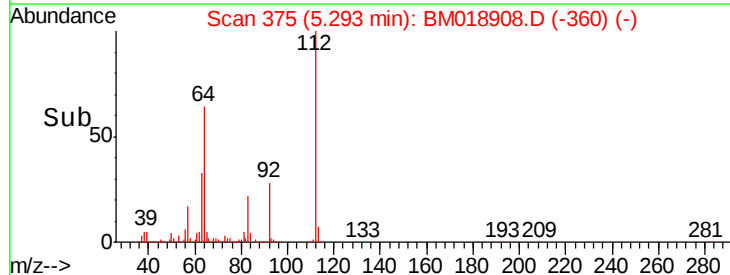
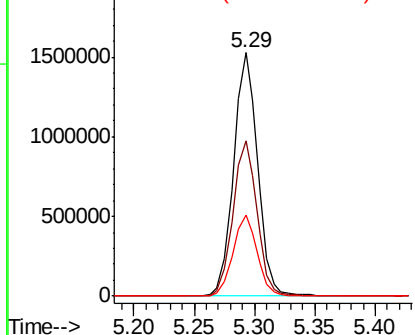


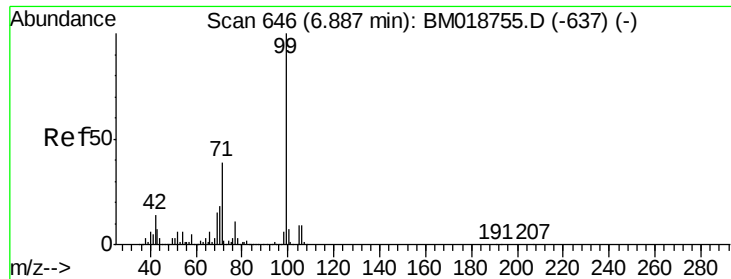
Abundance

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: 94.931 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018908.D

Acq: 21 Feb 2019 22:32

Instrument :

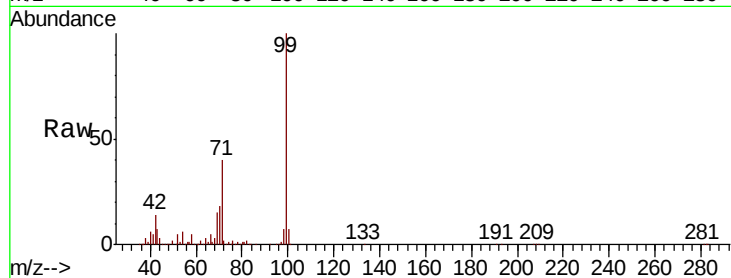
BNA_M

ClientSampleId :

TP-1-S

Tot Ion: 99 Resp: 2382576

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	39.8	31.3	46.9

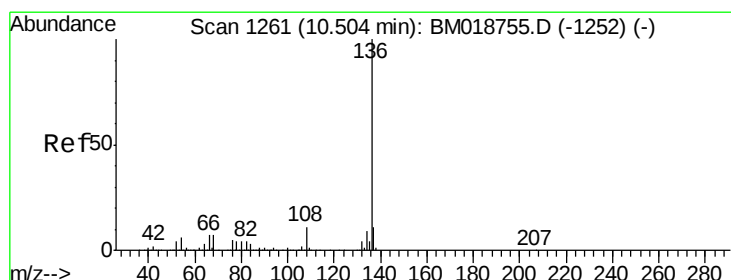
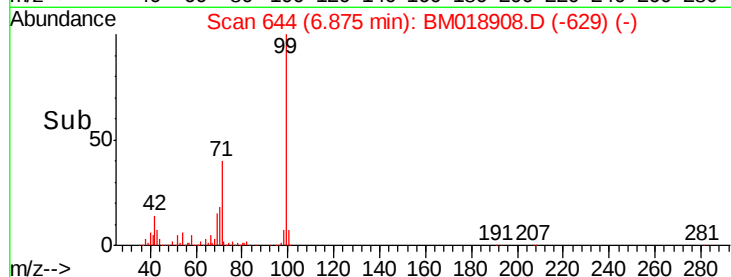
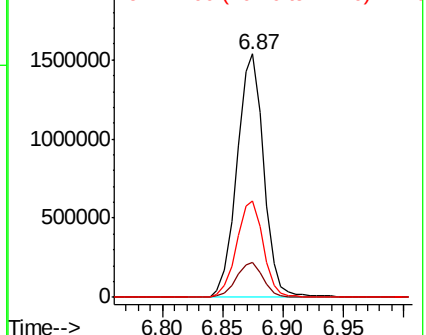


Abundance

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: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018908.D

Acq: 21 Feb 2019 22:32

Tgt Ion: 136 Resp: 1148751

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.0	7.6
68	7.4	5.5	8.3

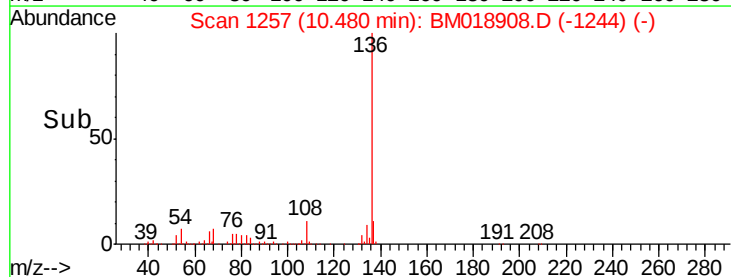
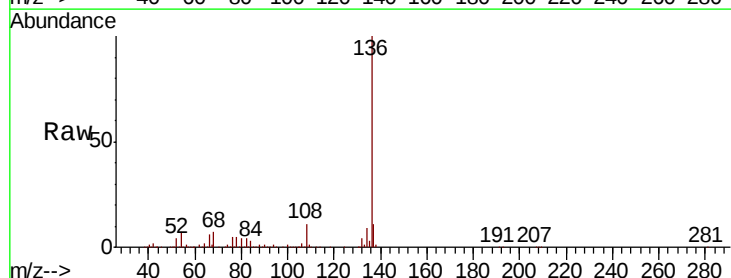
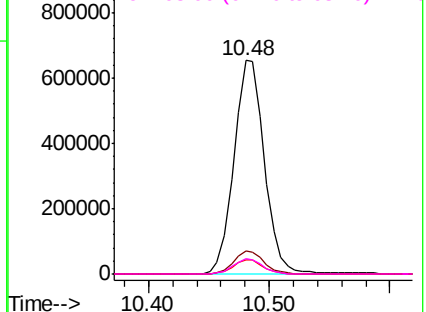
Abundance

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: 90.831 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM018908.D

Acq: 21 Feb 2019 22:32

Instrument :

BNA_M

ClientSampleId :

TP-1-S

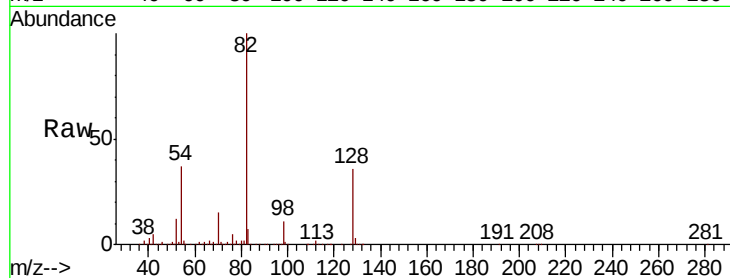
Tot Ion: 82 Resp: 2256599

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.9	44.9
54	37.4	29.1	43.7

82 100

128 36.4 29.9 44.9

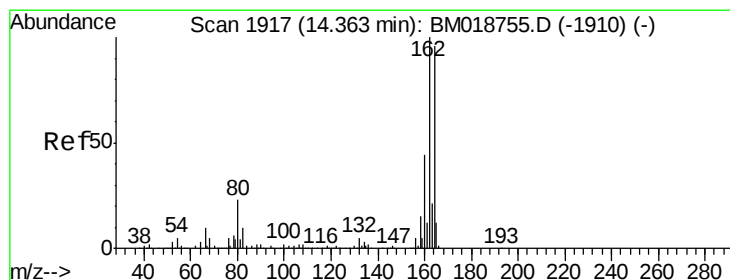
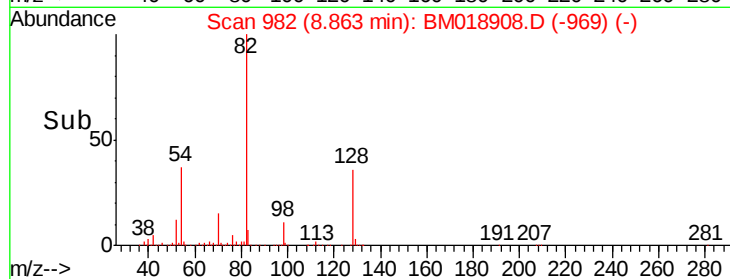
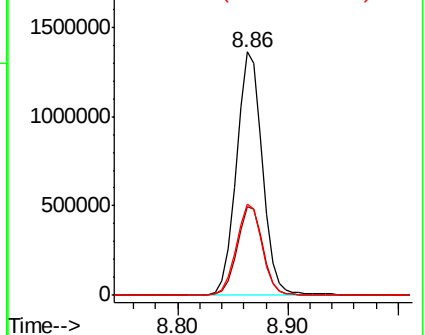
54 37.4 29.1 43.7



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: 14.34 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018908.D

Acq: 21 Feb 2019 22:32

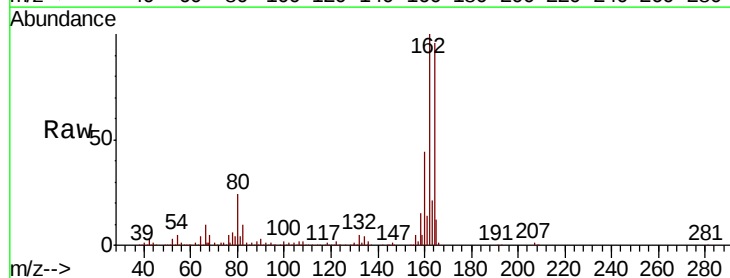
Tgt Ion:164 Resp: 611844

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.4	125.0
160	45.9	36.6	55.0

164 100

162 104.3 83.4 125.0

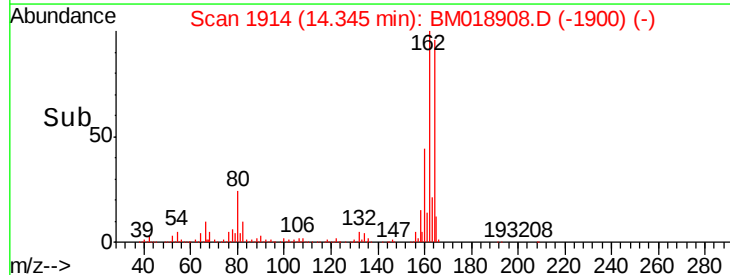
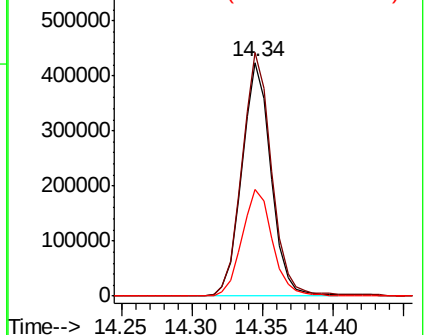
160 45.9 36.6 55.0

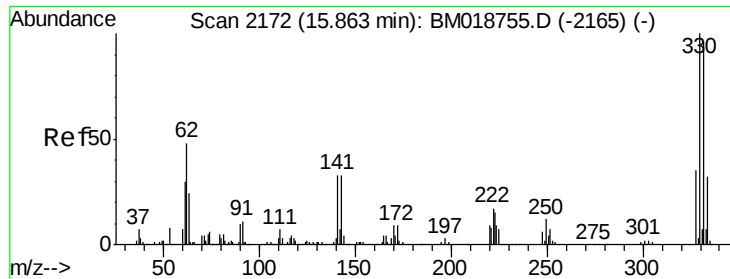


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

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

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

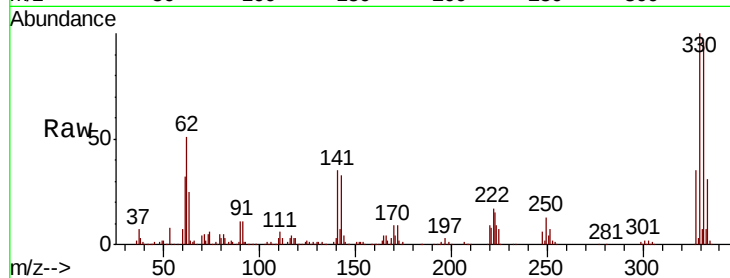




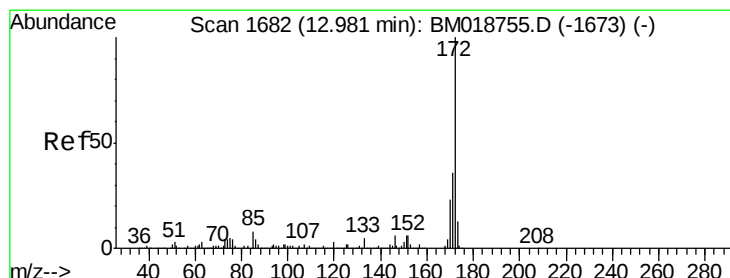
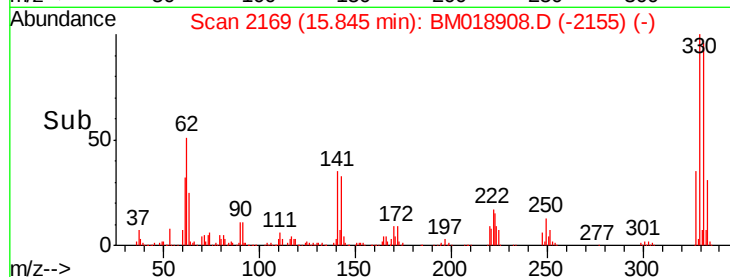
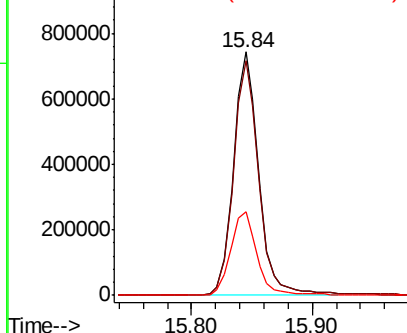
#42
 2,4,6-Tribromophenol
 Concen: 122.816 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018908.D
 Acq: 21 Feb 2019 22:32

Instrument :
 BNA_M
 ClientSampleID :
 TP-1-S

Tot Ion:330 Resp: 1083185
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 35.9 28.7 43.1

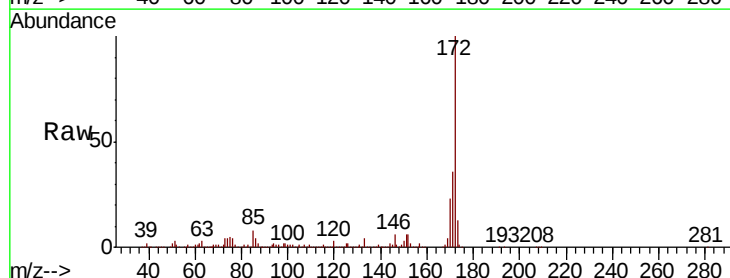


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

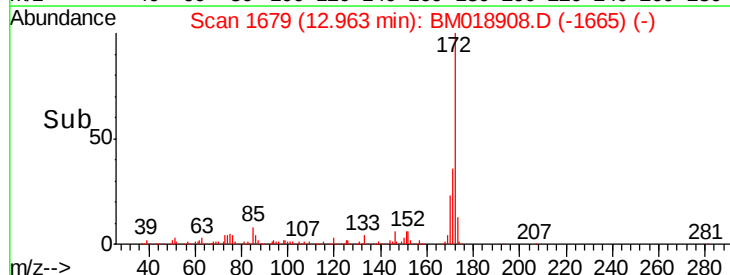
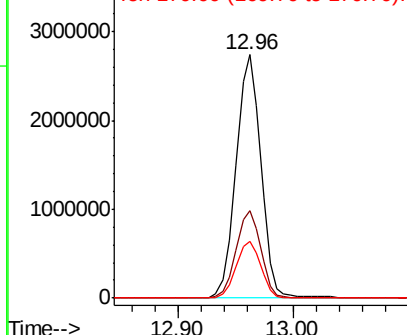


#45
 2-Fluorobiphenyl
 Concen: 88.526 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018908.D
 Acq: 21 Feb 2019 22:32

Tgt Ion:172 Resp: 4080219
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.4 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

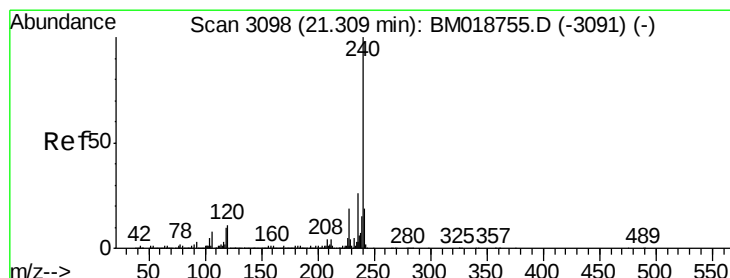
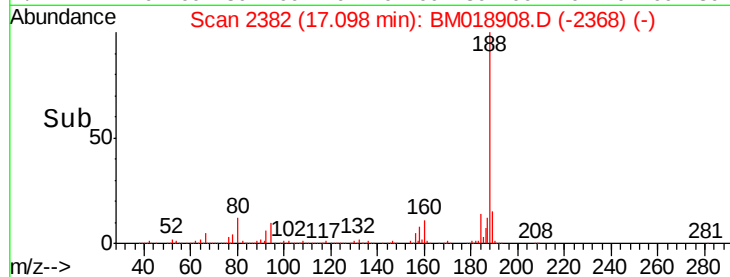
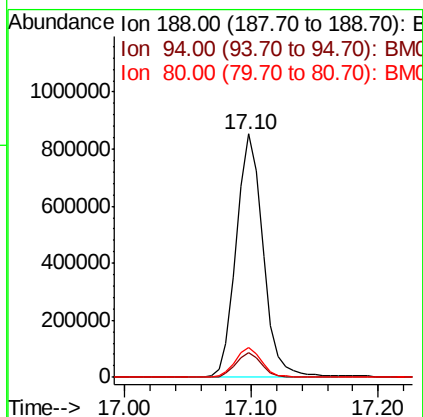
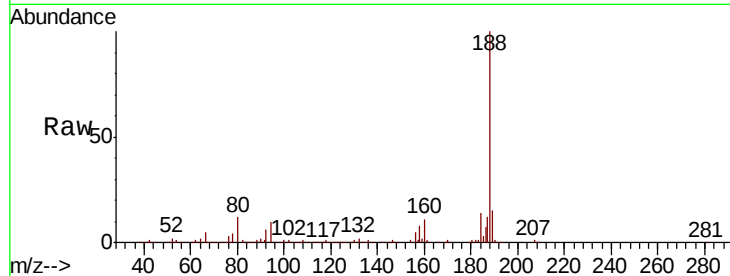




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018908.D
Acq: 21 Feb 2019 22:32

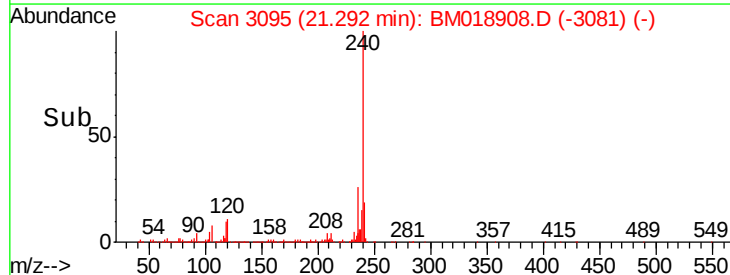
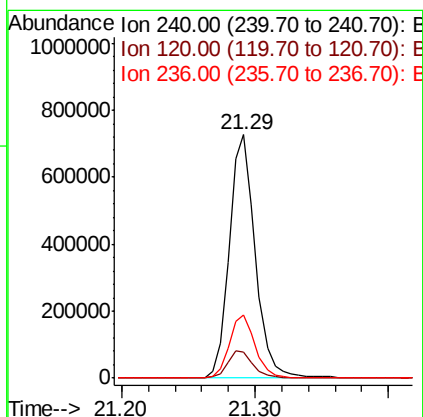
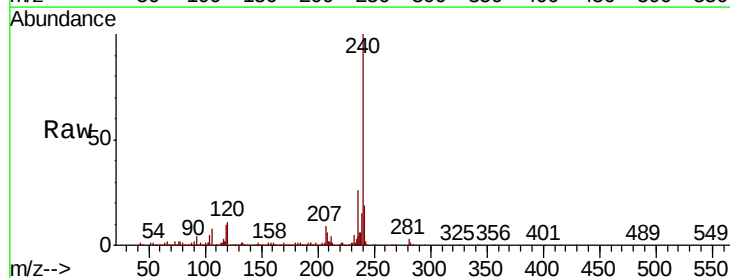
Instrument :
BNA_M
ClientSampled :
TP-1-S

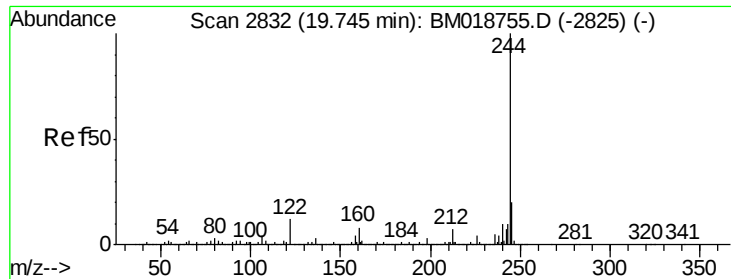
Tot Ion:188 Resp: 1248006
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018908.D
Acq: 21 Feb 2019 22:32

Tgt Ion:240 Resp: 985899
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.8 20.9 31.3

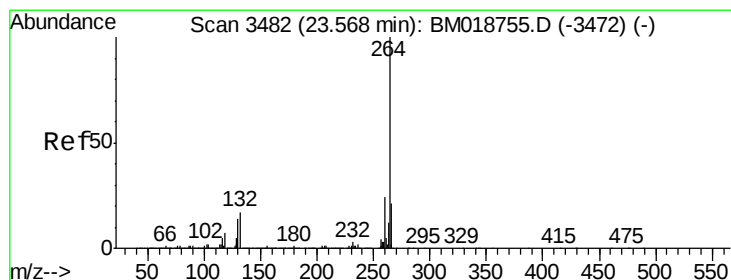
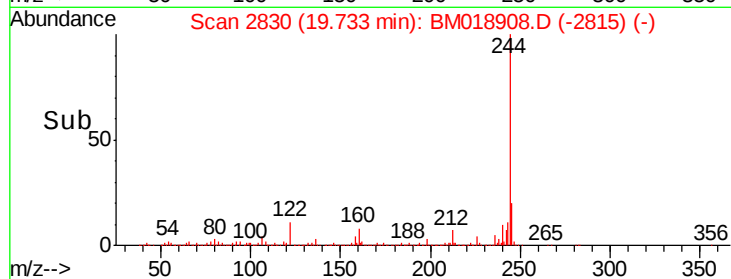
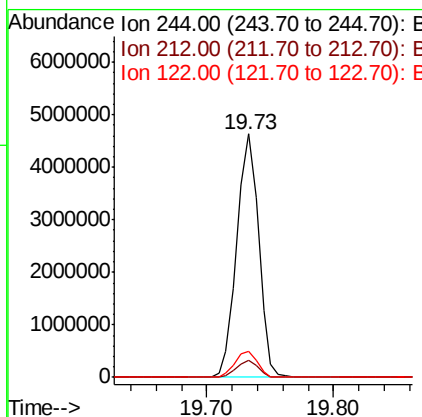
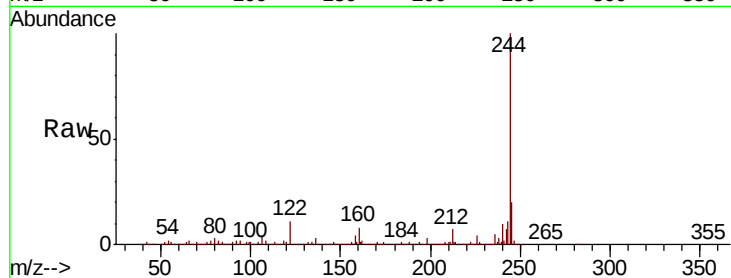




#79
 Terphenyl-d14
 Concen: 115.824 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018908.D
 Acq: 21 Feb 2019 22:32

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Tot Ion:244 Resp: 5535447
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018908.D
 Acq: 21 Feb 2019 22:32

Tgt Ion:264 Resp: 992103
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.9 17.3 25.9

