

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 21 23:15:54 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

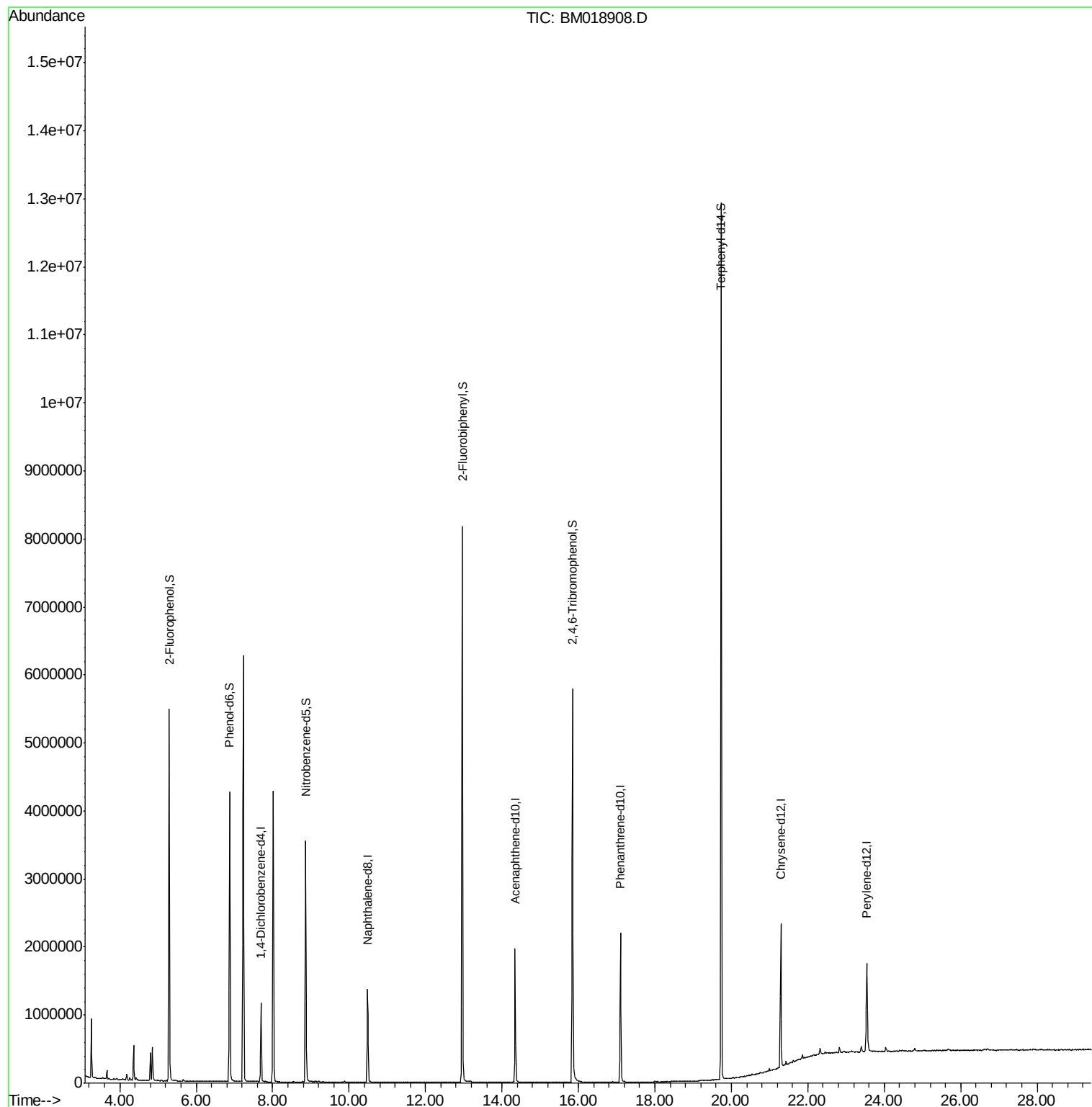
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	291906	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1148751	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	611844	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1248006	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	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						
9) Benzaldehyde	6.87	77	6307	Below Cal	Qvalue #	7

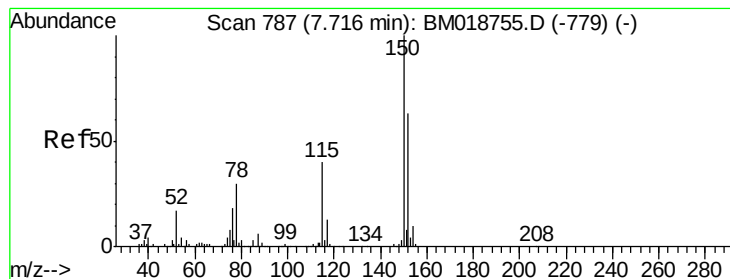
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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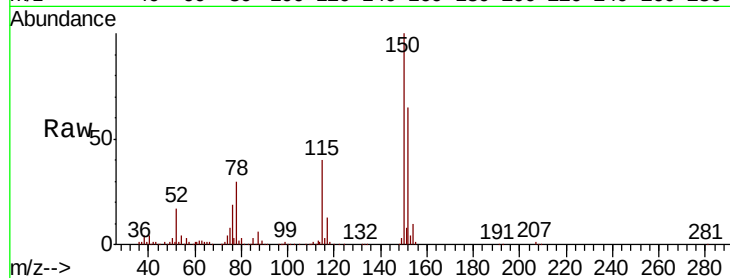


#1

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

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

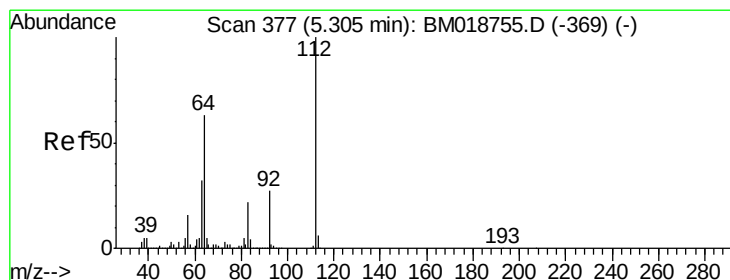
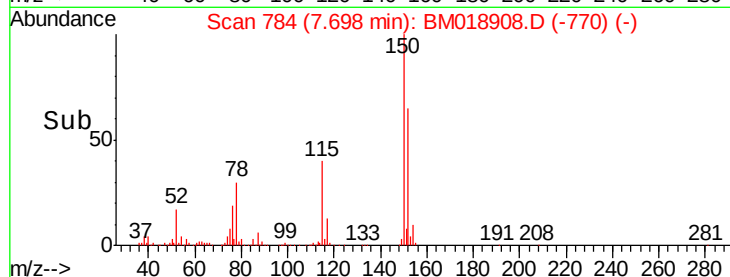
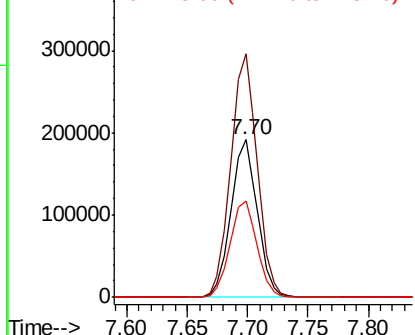


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

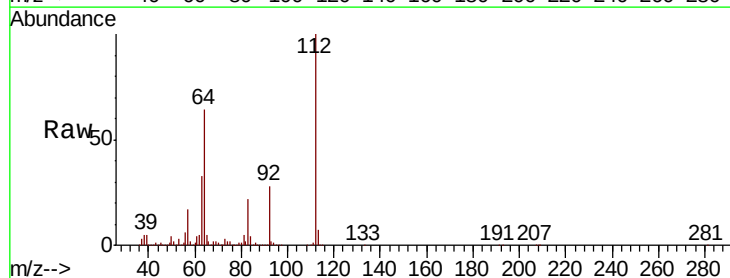
Ion 115.00 (114.70 to 115.70): E



#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

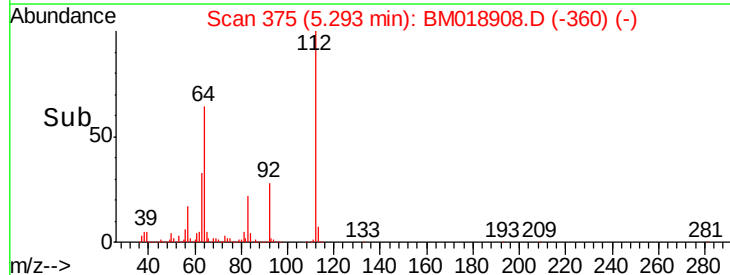
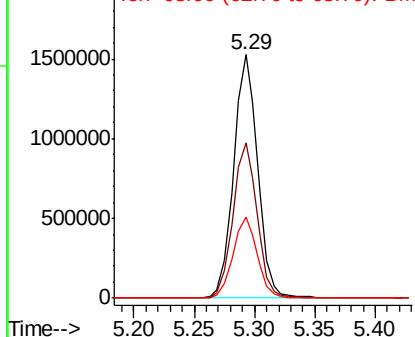


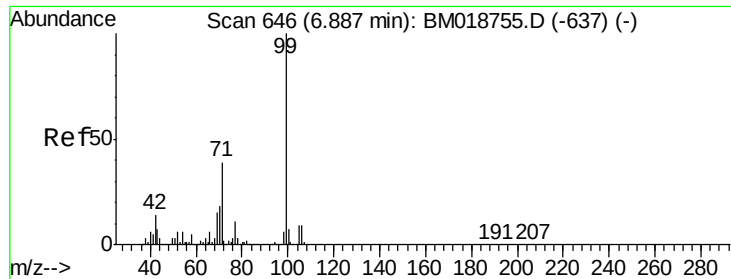
Abundance

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

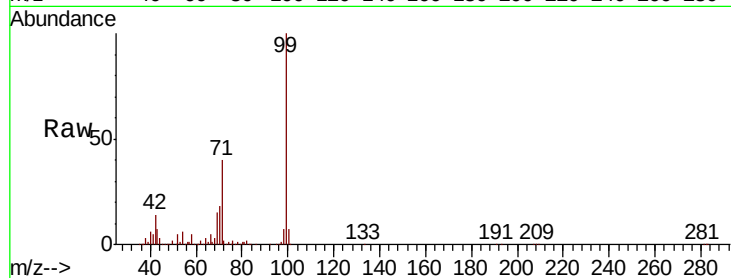
Tgt Ion: 99 Resp: 2382576

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

71 39.8 31.3 46.9

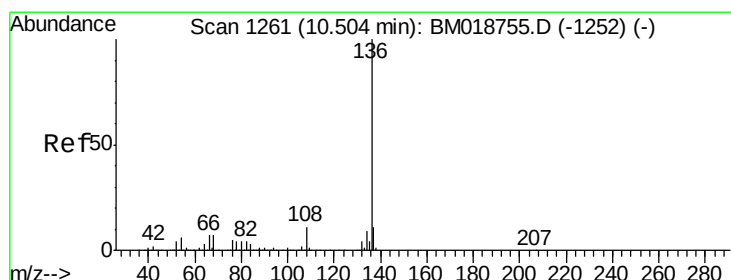
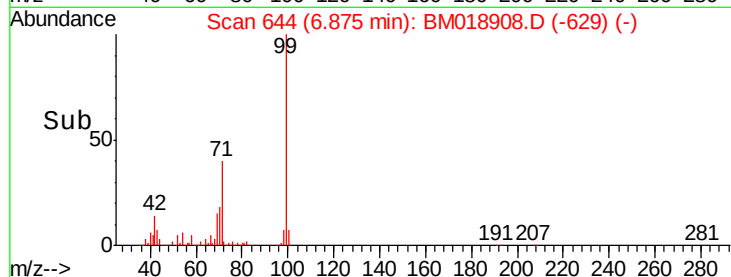
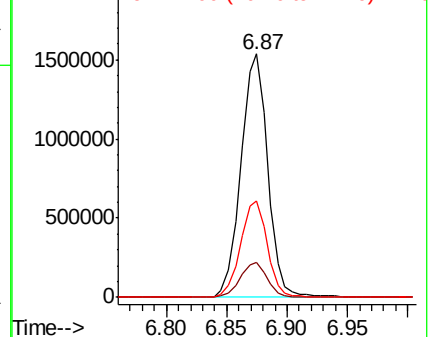


Abundance

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

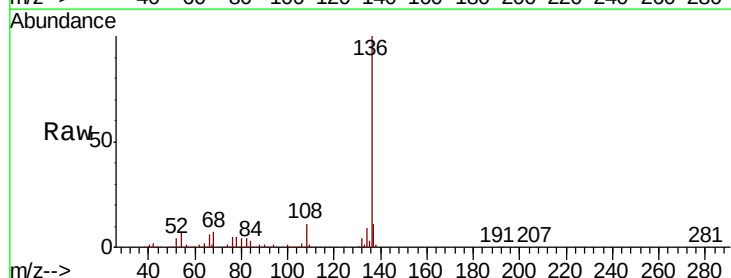
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.9 5.0 7.6

68 7.4 5.5 8.3



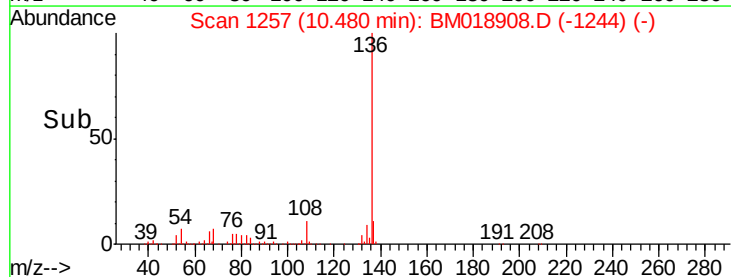
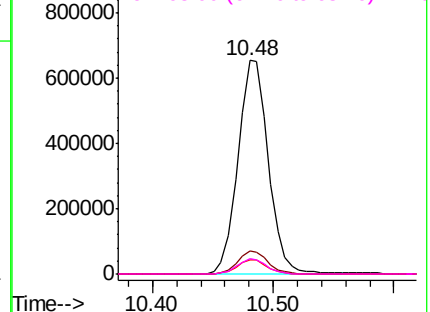
Abundance

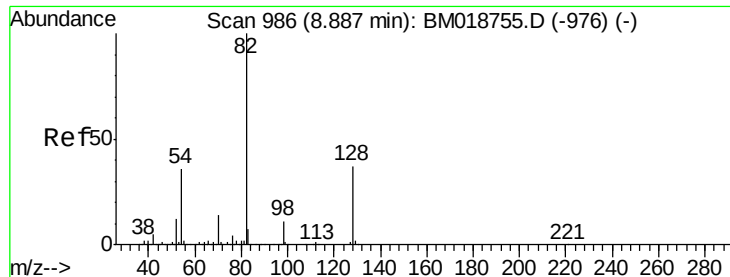
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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

ClientSampled :

TP-1-S

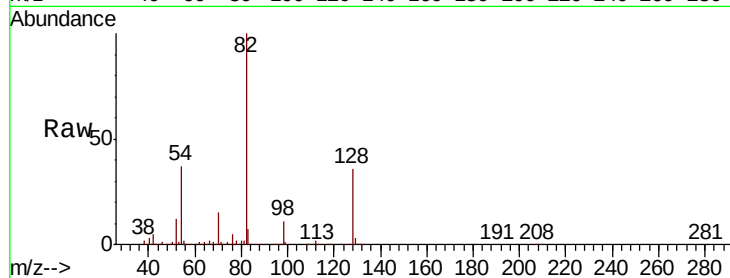
Tgt Ion: 82 Resp: 2256599

Ion Ratio Lower Upper

82 100

128 36.4 29.9 44.9

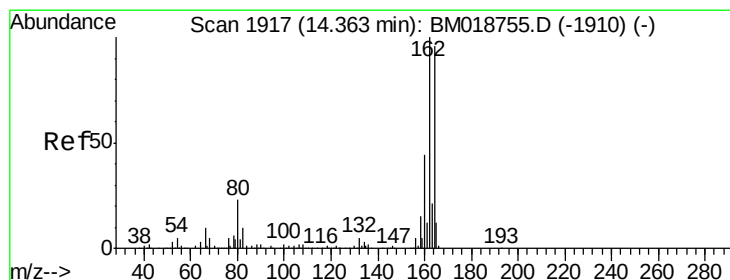
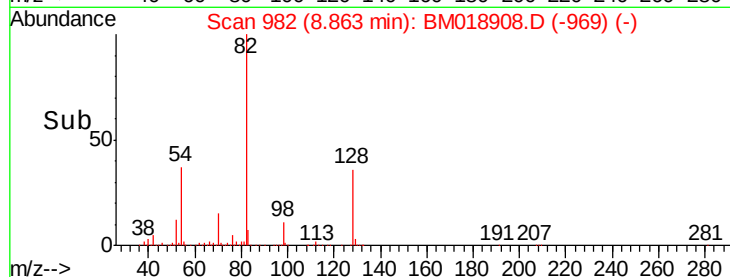
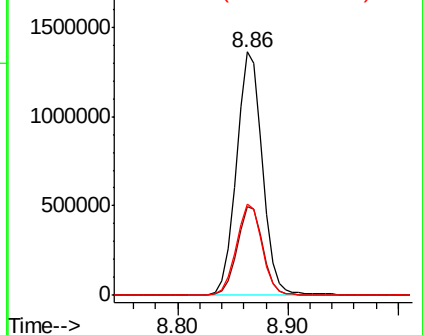
54 37.4 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018908.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018908.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018908.D (-969) (-)



#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

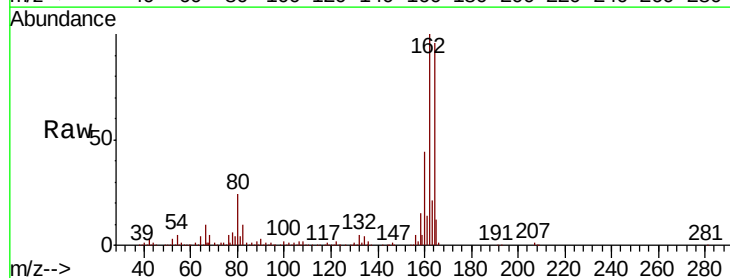
Tgt Ion: 164 Resp: 611844

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.0

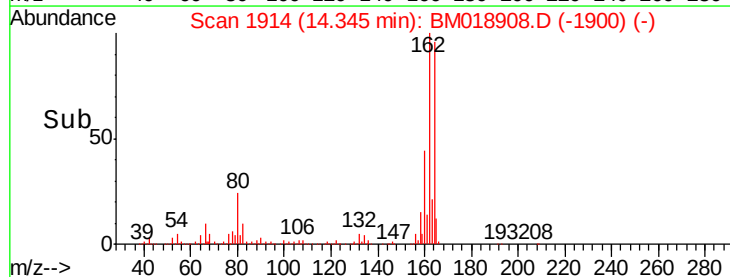
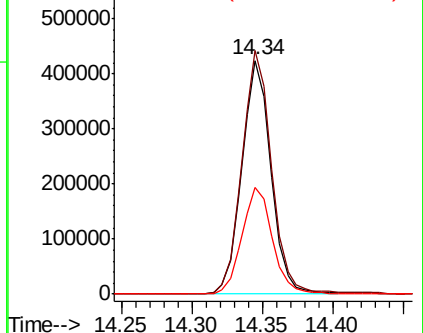
160 45.9 36.6 55.0

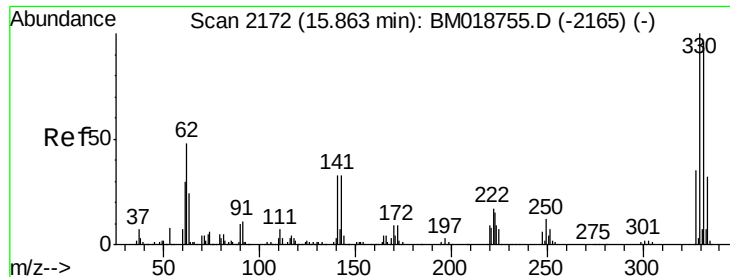


Abundance Ion 164.00 (163.70 to 164.70): BM018908.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018908.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018908.D (-1900) (-)

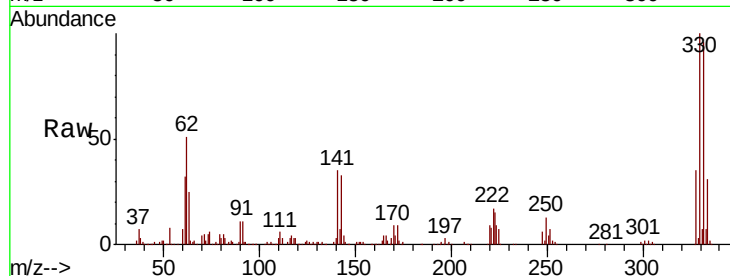




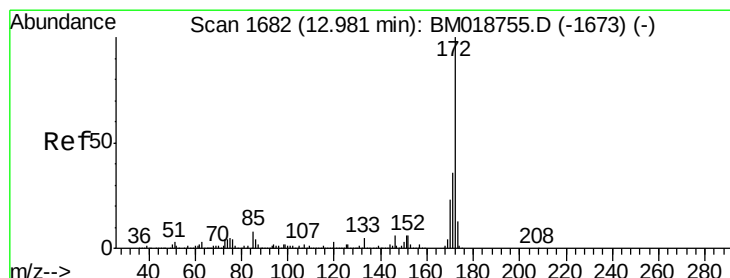
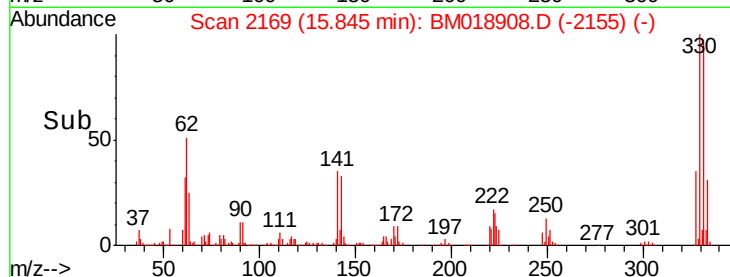
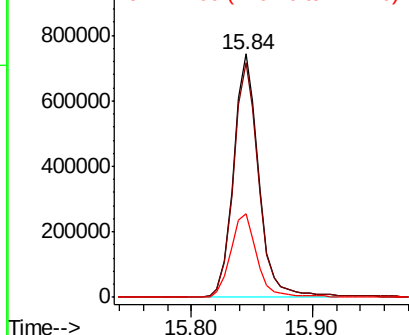
#42
 2,4,6-Tribromophenol
 Concen: 122.816 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018908.D
 Acq: 21 Feb 2019 22:32

Instrument :
 BNA_M
 ClientSampled :
 TP-1-S

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

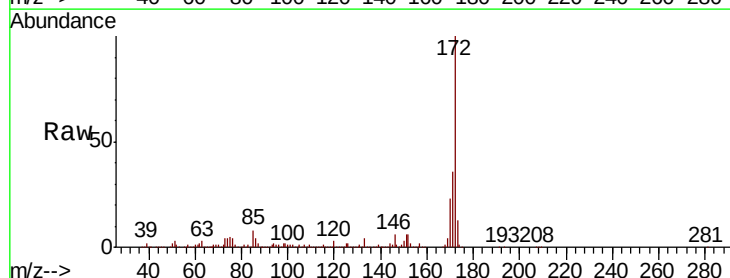


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

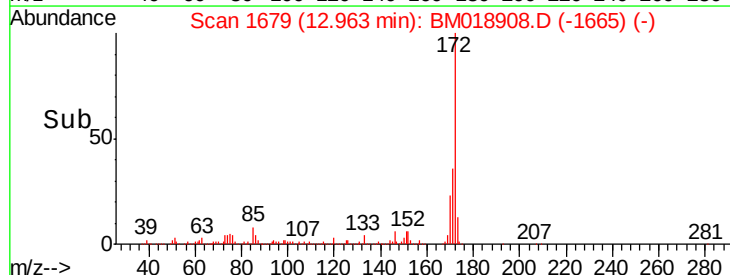
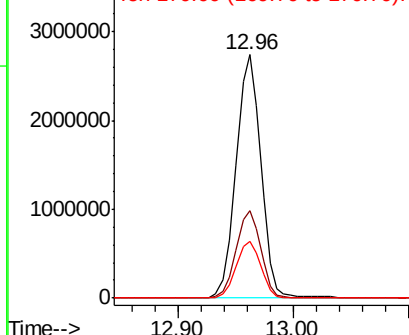


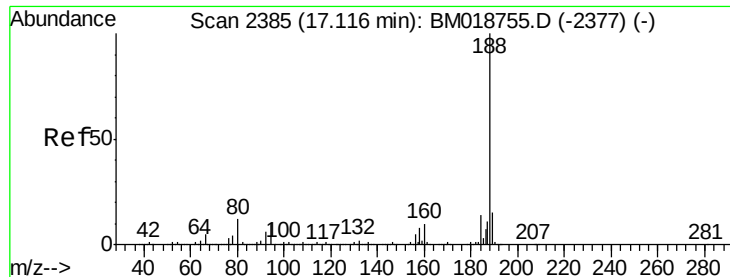
#45
 2-Fluorobiphenyl
 Concen: 88.526 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018908.D
 Acq: 21 Feb 2019 22:32

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

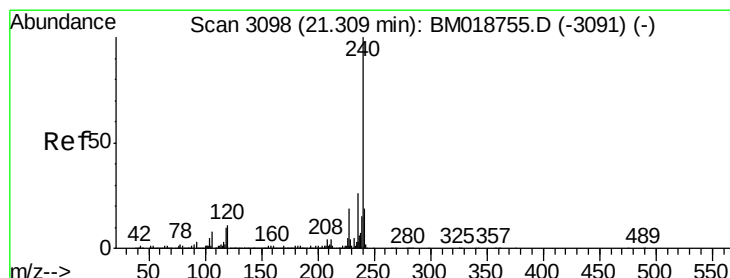
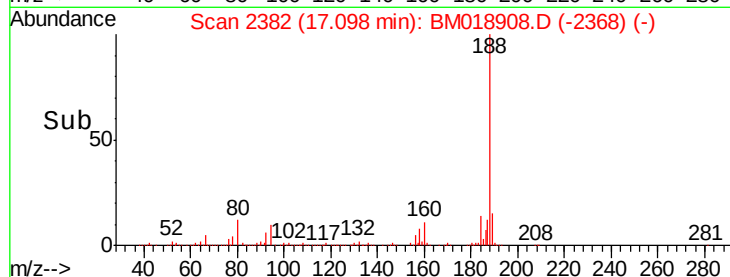
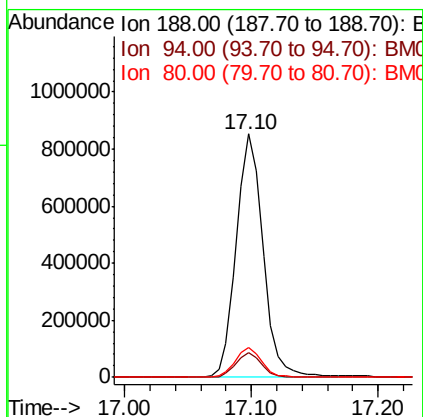
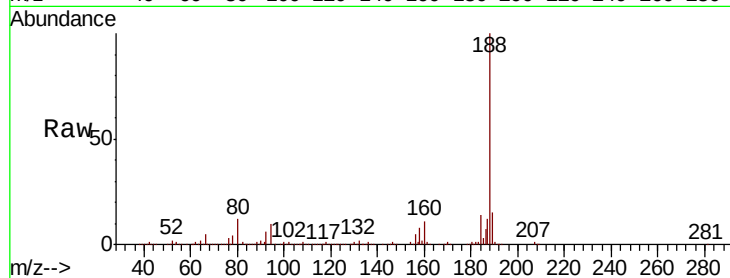




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018908.D
Acq: 21 Feb 2019 22:32

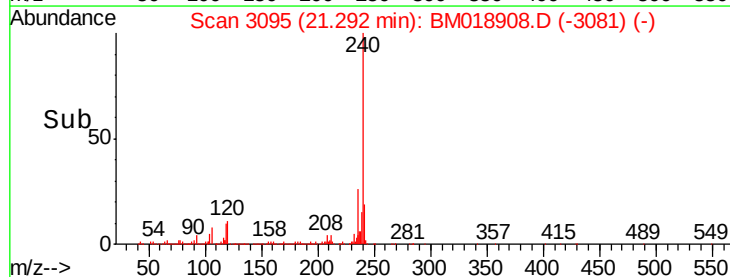
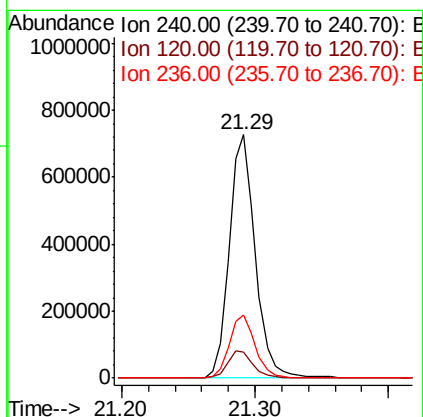
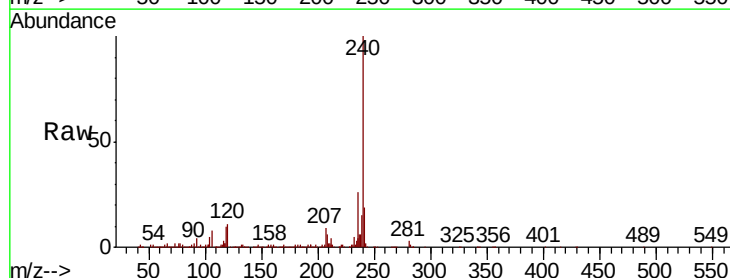
Instrument :
BNA_M
ClientSampled :
TP-1-S

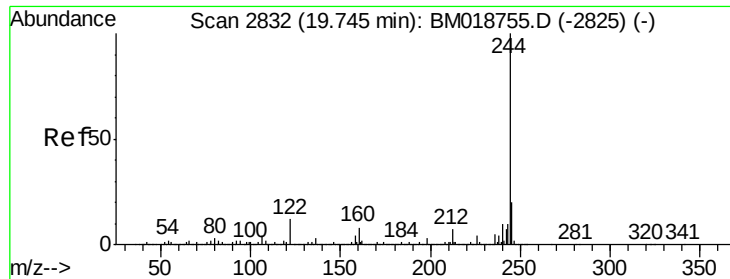
Tgt Ion:188 Resp: 1248006
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.0 9.7 14.5



#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

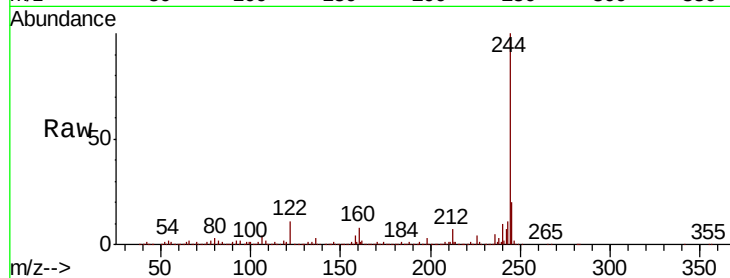
Tgt Ion:244 Resp: 5535447

Ion Ratio Lower Upper

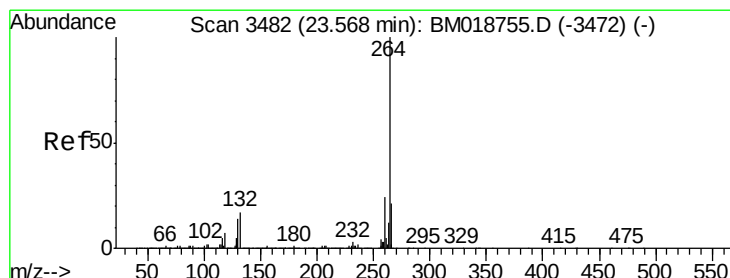
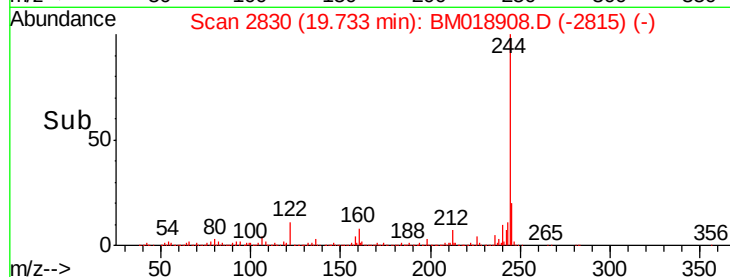
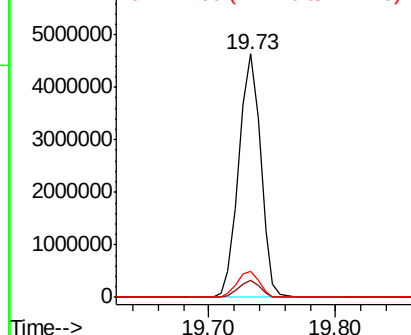
244 100

212 7.0 5.6 8.4

122 10.8 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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018908.D

Acq: 21 Feb 2019 22:32

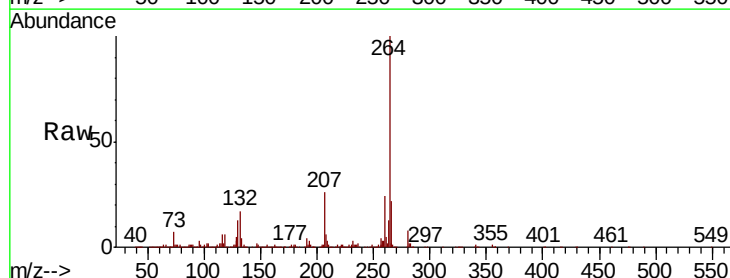
Tgt Ion:264 Resp: 992103

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.9 17.3 25.9



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

