

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
 Data File : BM018906.D
 Acq On : 21 Feb 2019 21:20
 Operator : JU/SJ
 Sample : K1546-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3422

Quant Time: Feb 22 04:18:42 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	279911	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1113053	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	628086	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1457857	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1313108	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1158149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2256229	132.07	ng	-0.01
7) Phenol-d6	6.87	99	2702361	112.29	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2310138	95.97	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1310486	144.75	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4414808	93.31	ng	-0.02
79) Terphenyl-d14	19.73	244	7449863	117.04	ng	-0.01

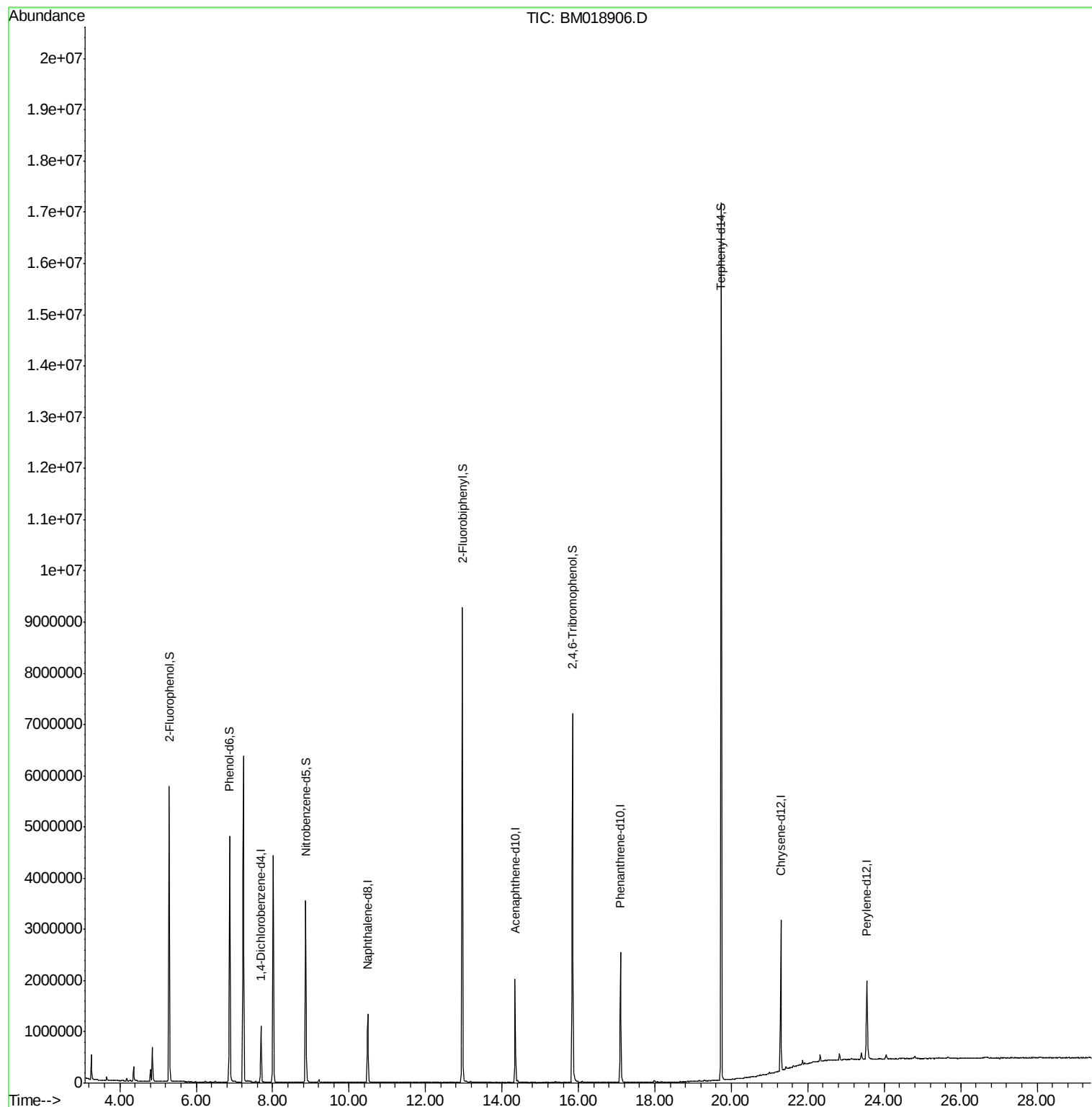
Target Compounds Qvalue

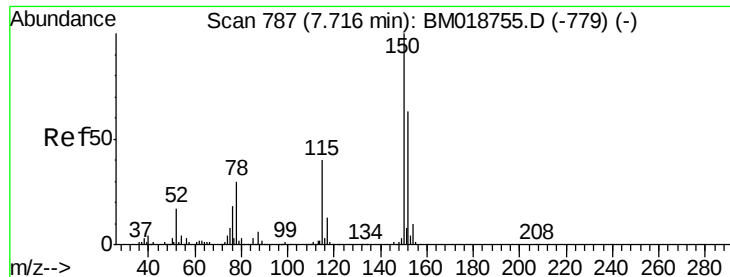
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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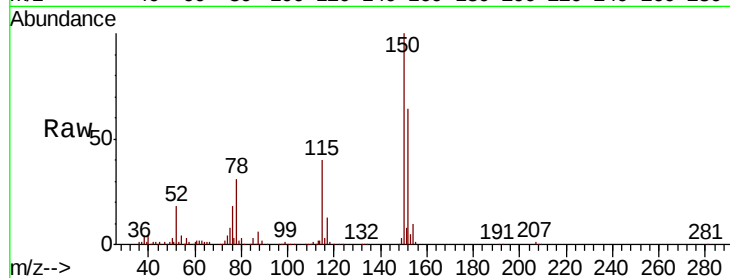


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018906.D
 Acq: 21 Feb 2019 21:20

Instrument :
 BNA_M
 ClientSampleId :
 RT-3422

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	62.8	50.8	76.2

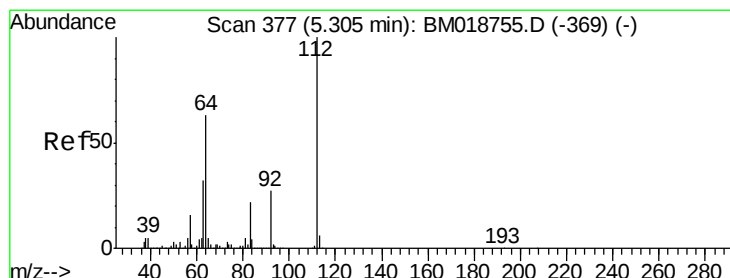
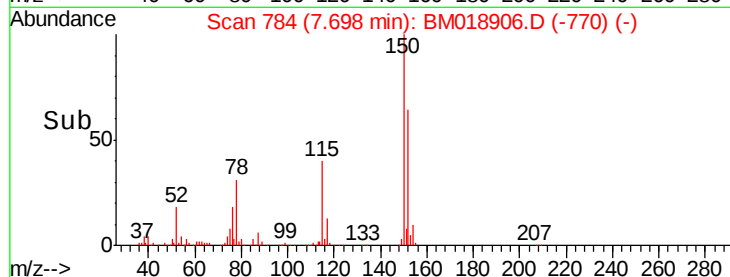
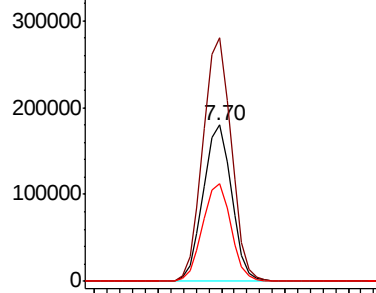


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

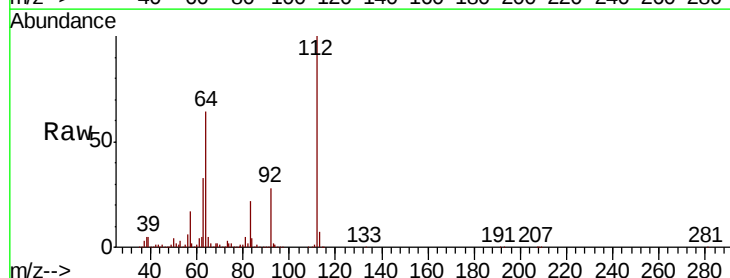
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 132.070 ng
 RT: 5.29 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BM018906.D
 Acq: 21 Feb 2019 21:20

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

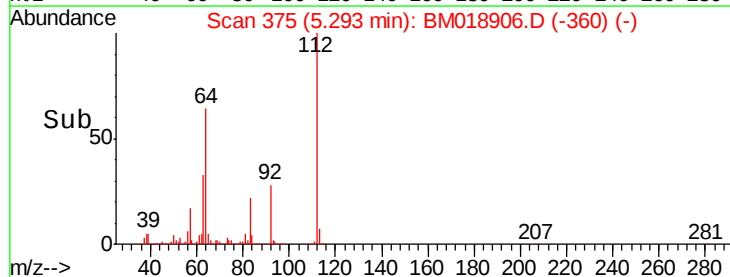
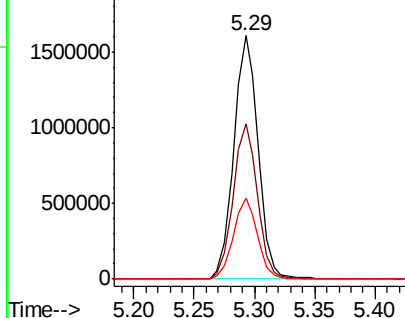


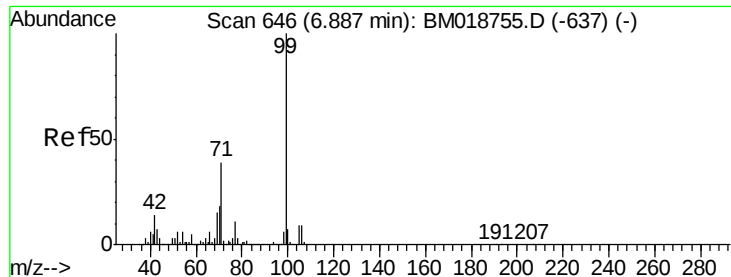
Abundance

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: 112.287 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018906.D

Acq: 21 Feb 2019 21:20

Instrument :

BNA_M

ClientSampleId :

RT-3422

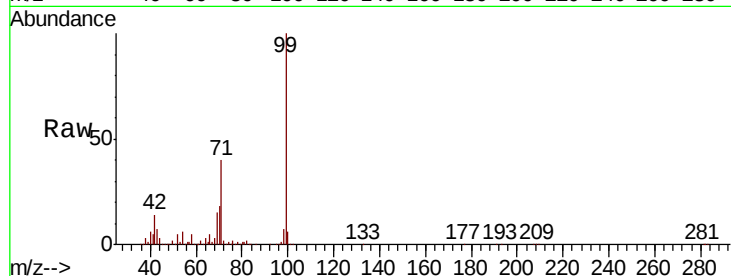
Tot Ion: 99 Resp: 2702361

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

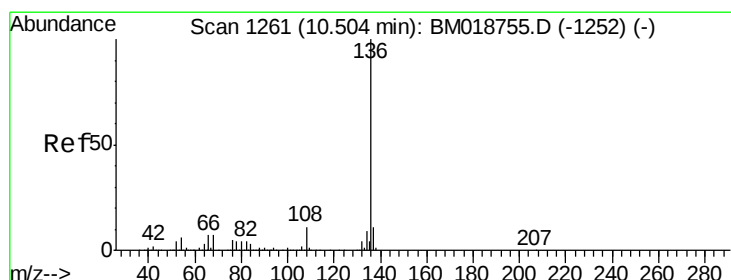
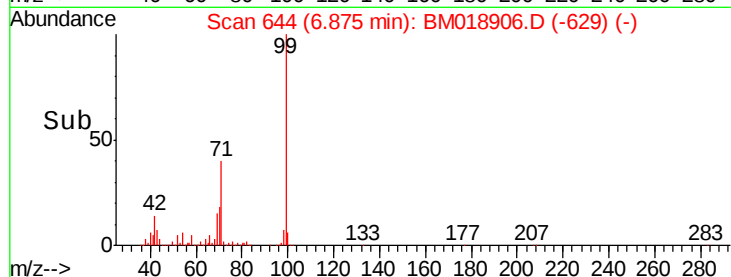
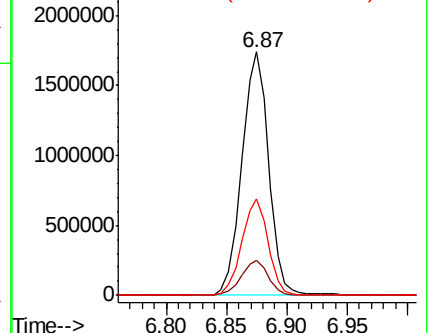
71 39.7 31.3 46.9



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: 10.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BM018906.D

Acq: 21 Feb 2019 21:20

Tgt Ion: 136 Resp: 1113053

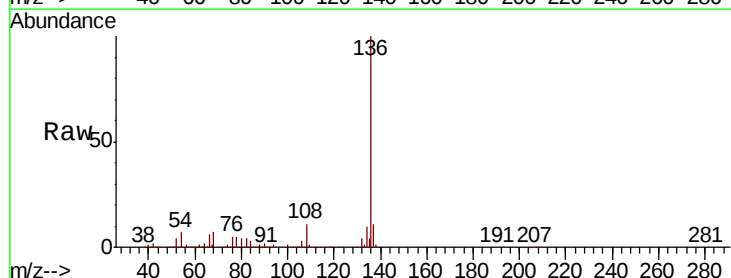
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.7 5.0 7.6

68 6.9 5.5 8.3

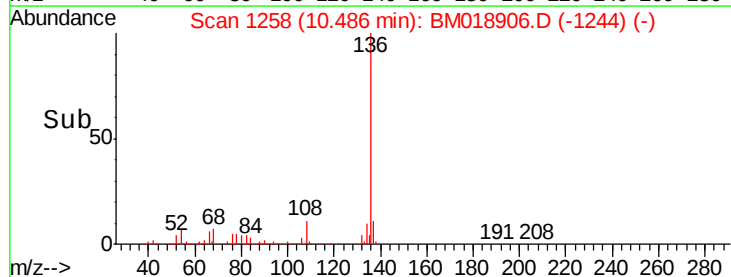
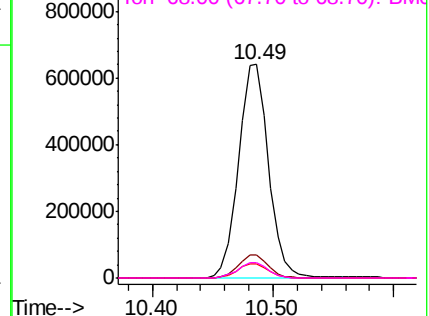


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

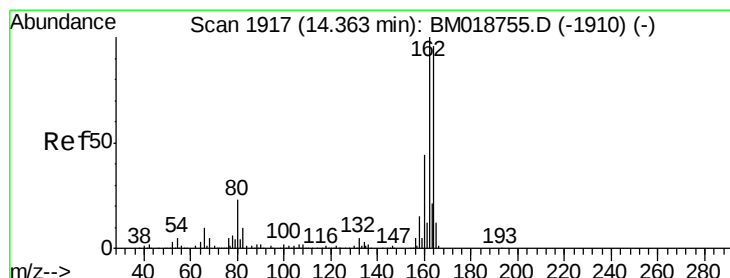
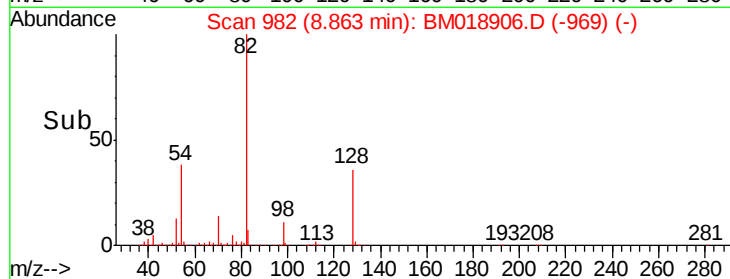
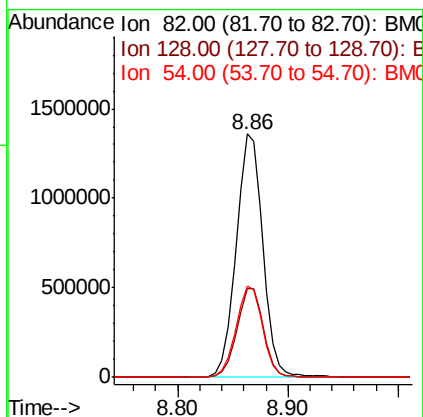
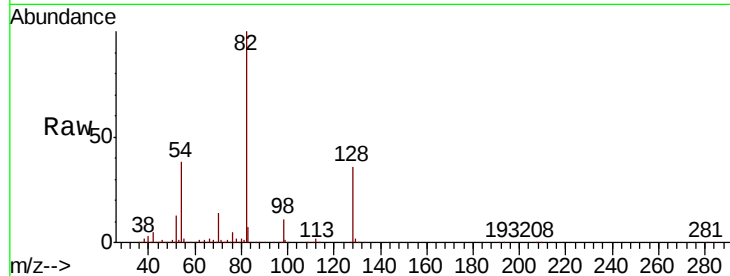




#23
 Nitrobenzene-d5
 Concen: 95.968 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BM018906.D
 Acq: 21 Feb 2019 21:20

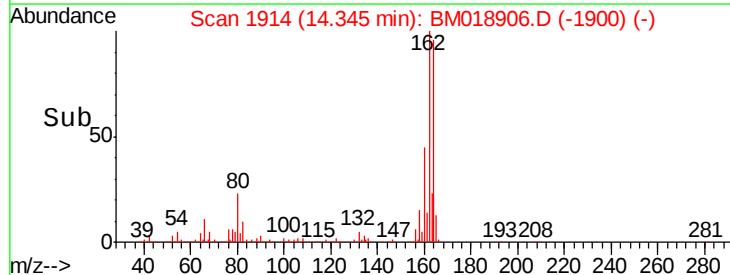
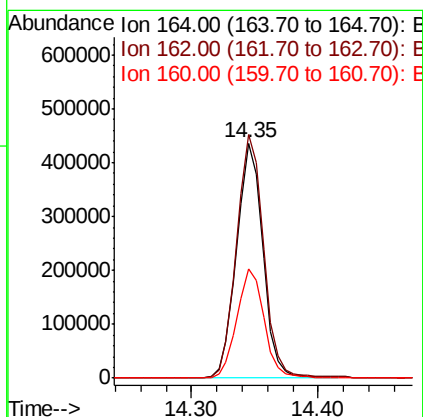
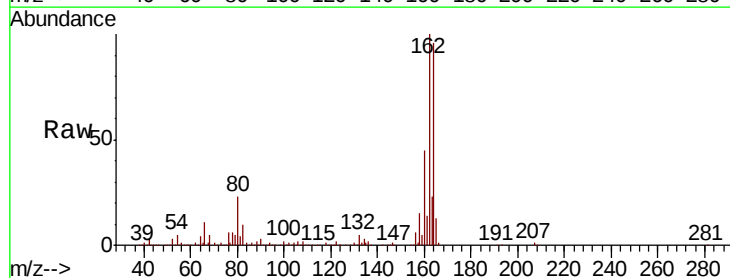
Instrument :
 BNA_M
 ClientSampleId :
 RT-3422

Tot Ion: 82 Resp: 2310138
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.9 44.9
 54 37.7 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018906.D
 Acq: 21 Feb 2019 21:20

Tgt Ion:164 Resp: 628086
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.4 125.0
 160 46.7 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 144.746 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018906.D

Acq: 21 Feb 2019 21:20

Instrument :

BNA_M

ClientSampleId :

RT-3422

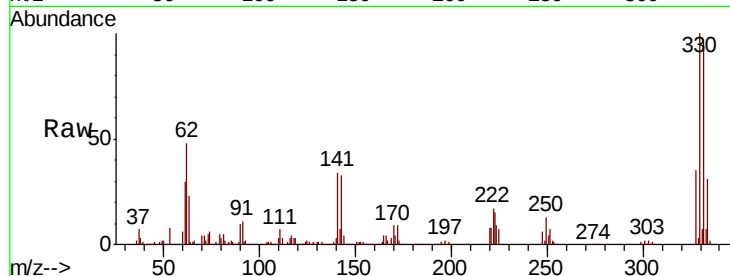
Tot Ion:330 Resp: 1310486

Ion Ratio Lower Upper

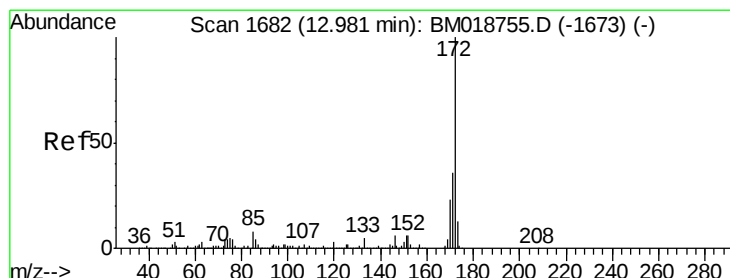
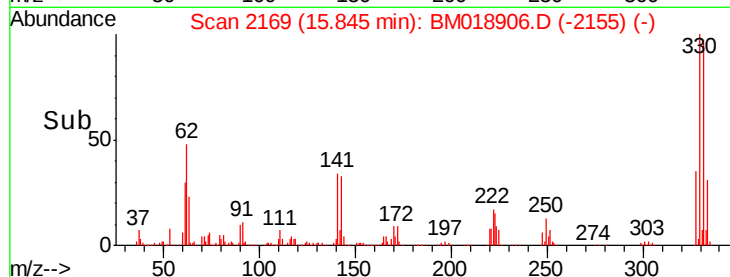
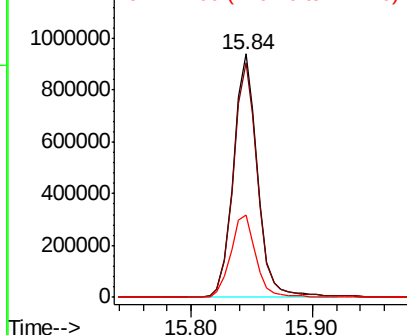
330 100

332 97.1 76.9 115.3

141 35.4 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: 93.308 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.02 min

Lab File: BM018906.D

Acq: 21 Feb 2019 21:20

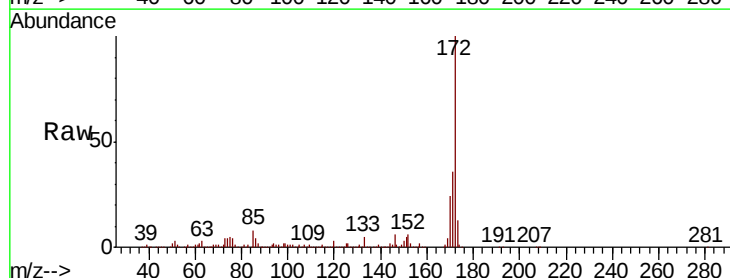
Tgt Ion:172 Resp: 4414808

Ion Ratio Lower Upper

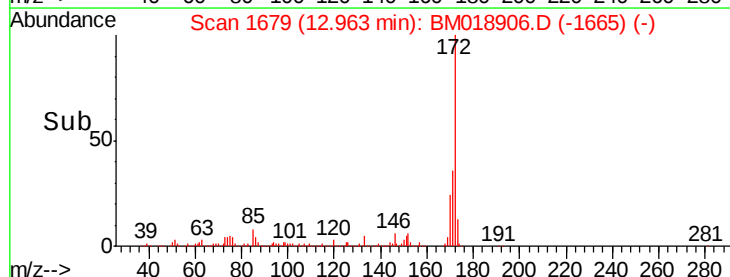
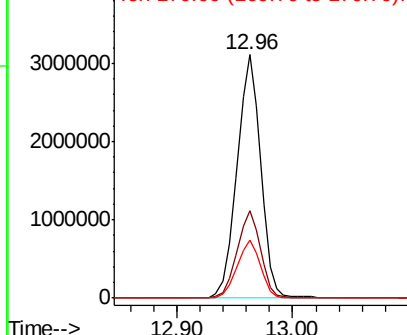
172 100

171 36.1 29.0 43.6

170 23.7 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

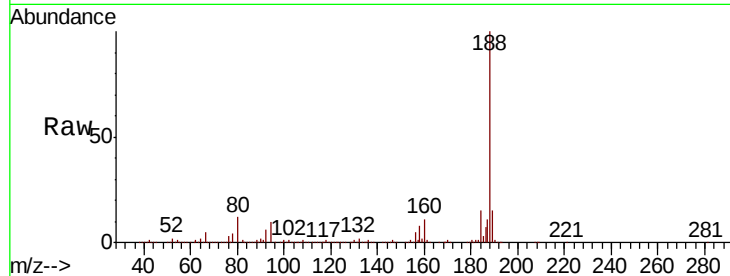




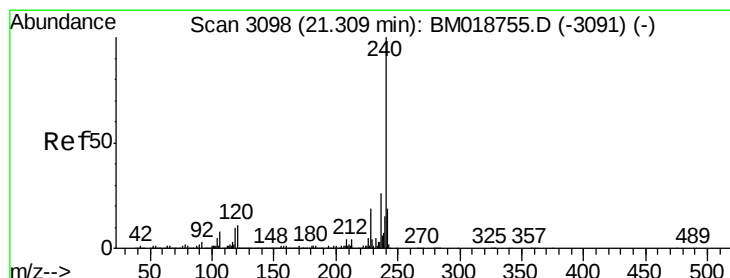
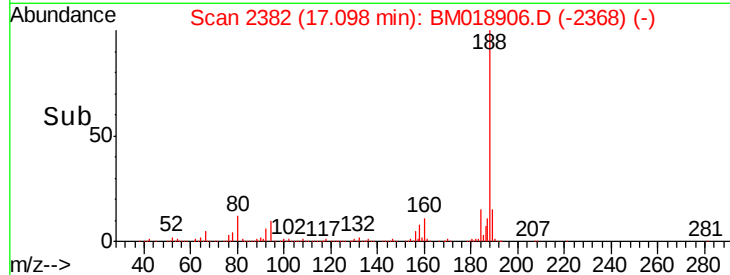
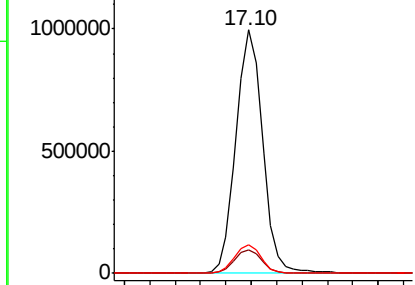
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Instrument :
BNA_M
ClientSampled :
RT-3422

Tot Ion:188 Resp: 1457857
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 11.7 9.7 14.5

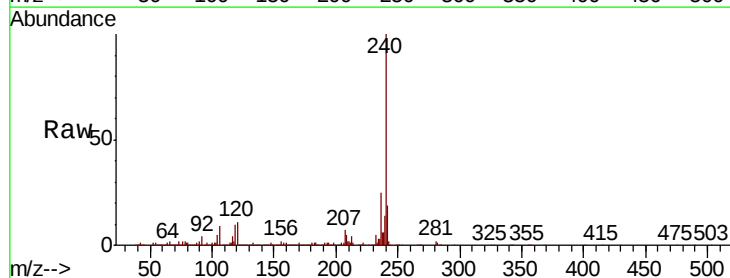


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

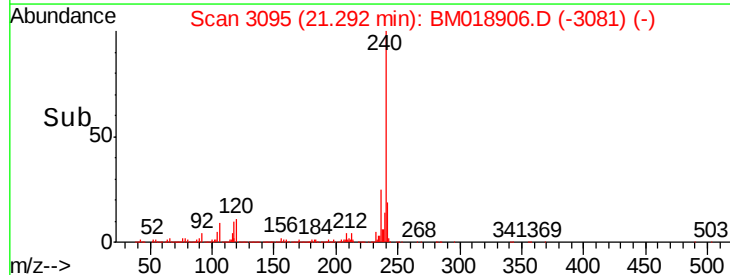
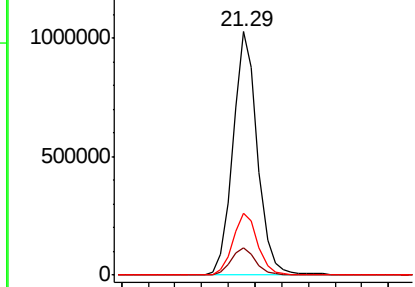


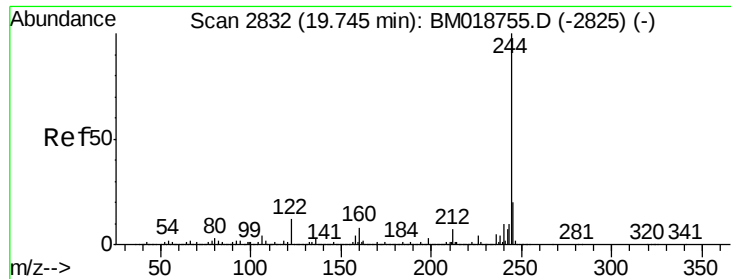
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Tgt Ion:240 Resp: 1313108
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.4 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: 117.038 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018906.D

Acq: 21 Feb 2019 21:20

Instrument :

BNA_M

ClientSampleId :

RT-3422

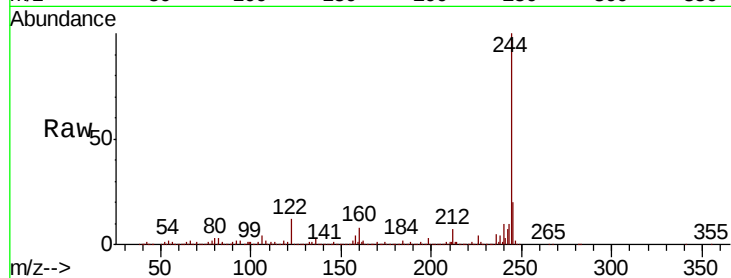
Tot Ion:244 Resp: 7449863

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

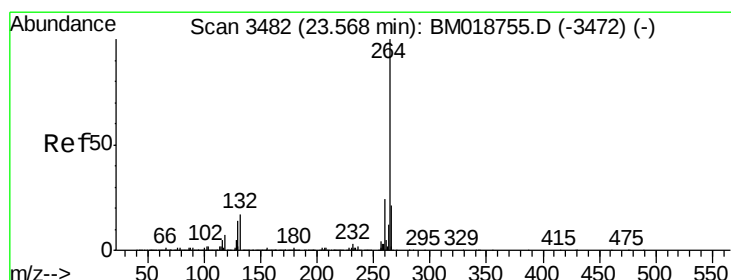
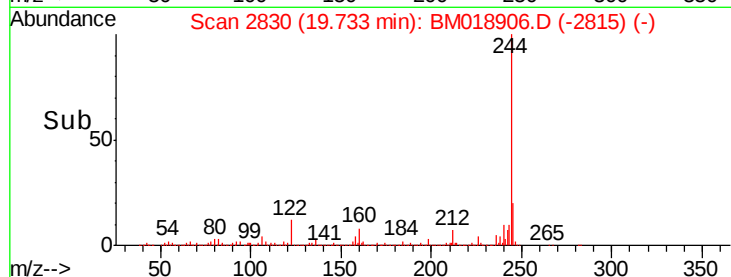
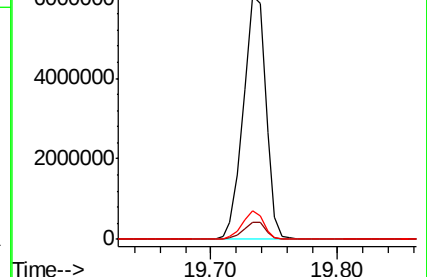
122 11.6 9.3 13.9



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: BM018906.D

Acq: 21 Feb 2019 21:20

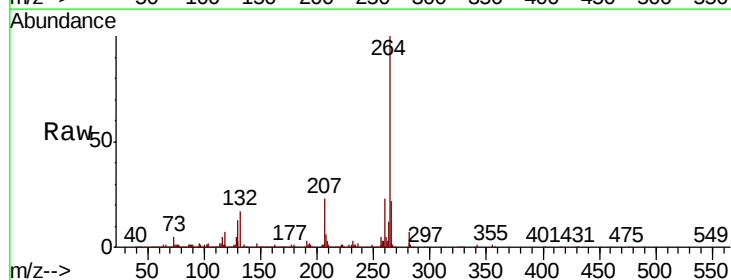
Tgt Ion:264 Resp: 1158149

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 22.3 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

