

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018671.D
 Acq On : 28 Jan 2019 19:20
 Operator : JU/SJ
 Sample : K1261-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-C05

Quant Time: Jan 29 00:56:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	211794	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	803226	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	438486	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1005938	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1092688	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1112861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1359728	118.55	ng	-0.01
7) Phenol-d6	6.90	99	1543689	105.96	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1151855	83.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	753012	134.87	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2741579	81.58	ng	-0.01
79) Terphenyl-d14	19.76	244	4482877	86.48	ng	-0.01

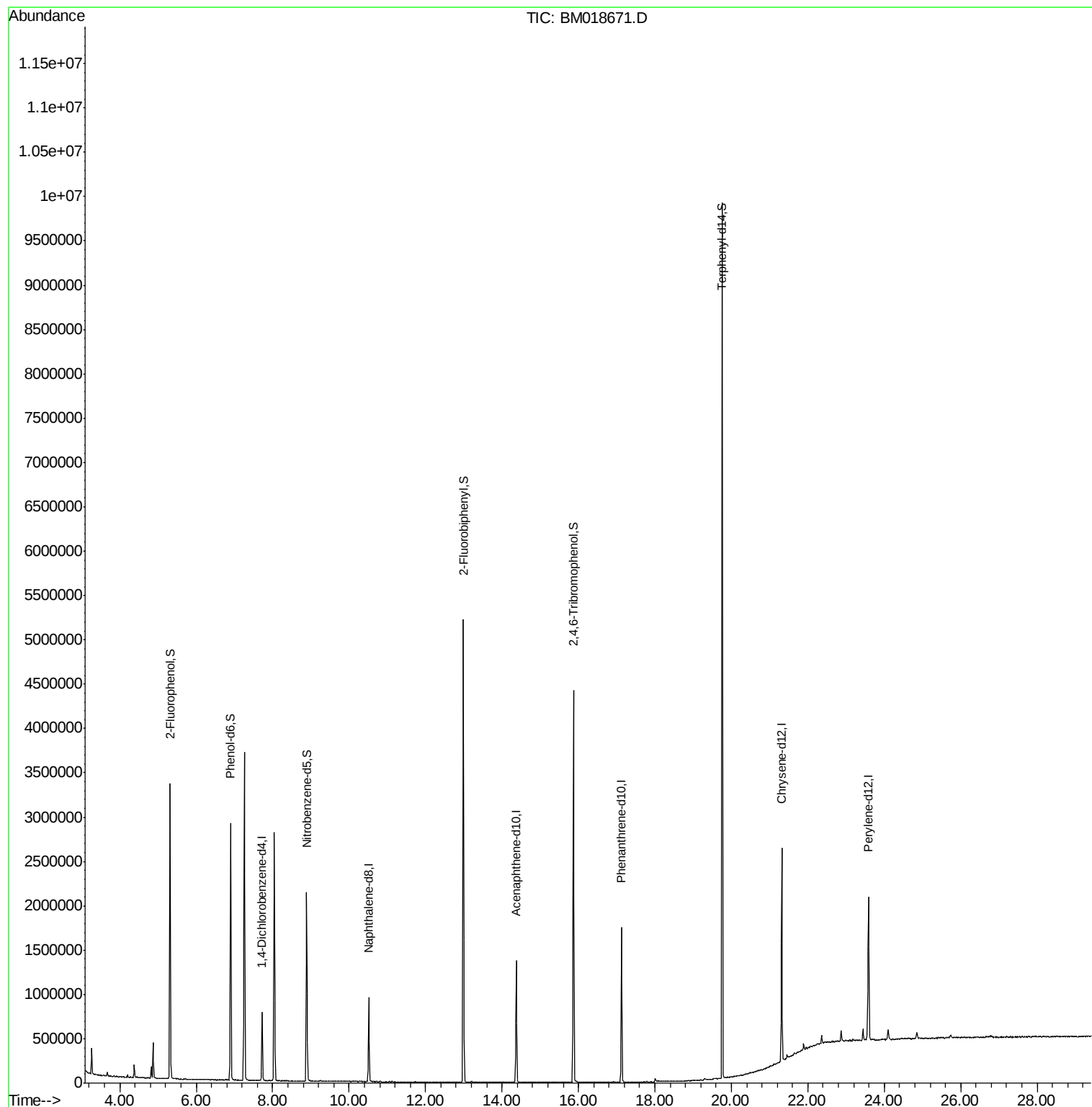
Target Compounds Qvalue

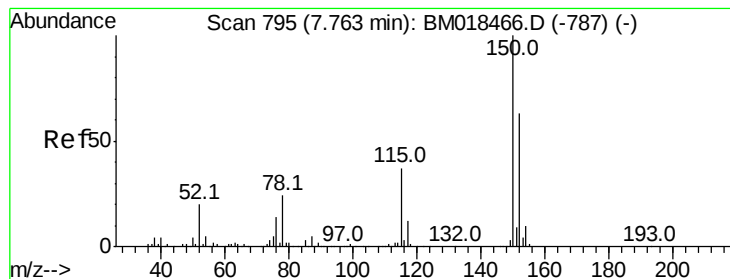
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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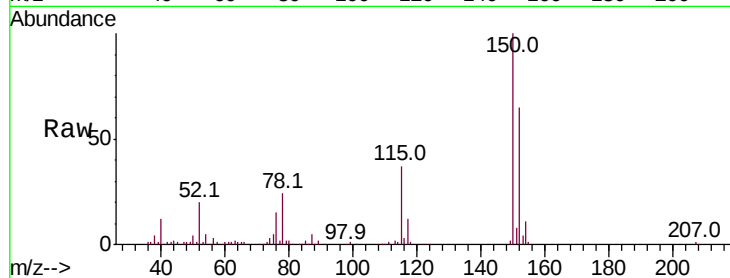


#1

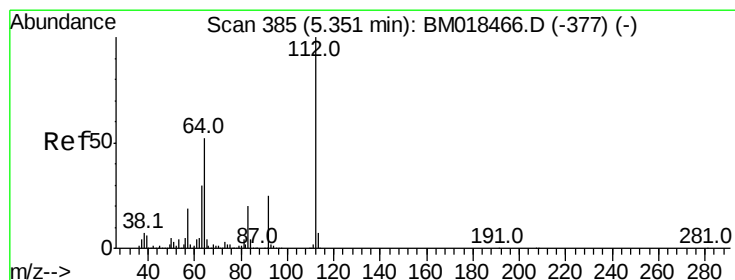
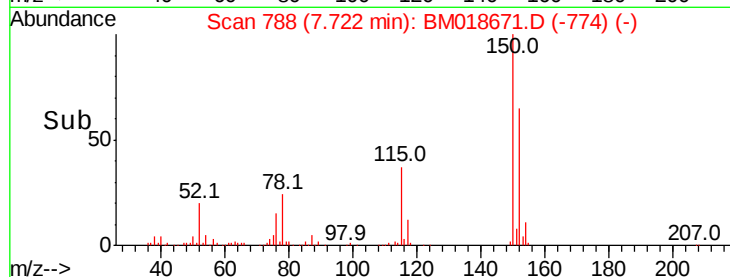
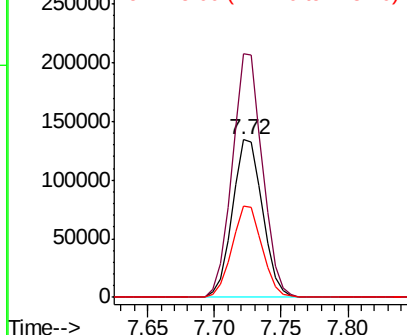
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018671.D
Acq: 28 Jan 2019 19:20

Instrument :
BNA_M
ClientSampleId :
MH-C05

Tot Ion:152 Resp: 211794
Ion Ratio Lower Upper
152 100
150 154.3 126.9 190.3
115 57.7 45.5 68.3



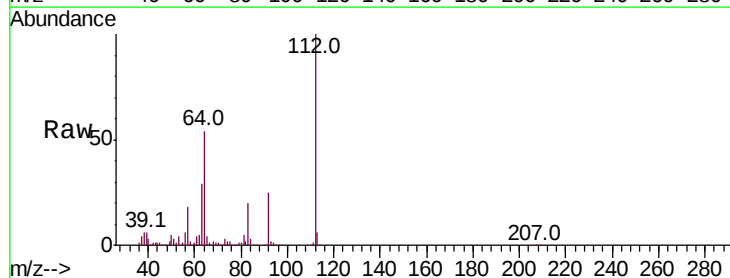
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



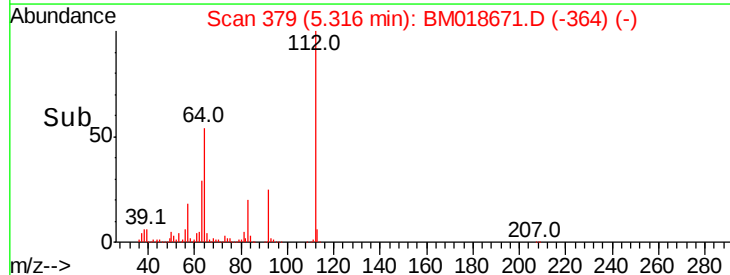
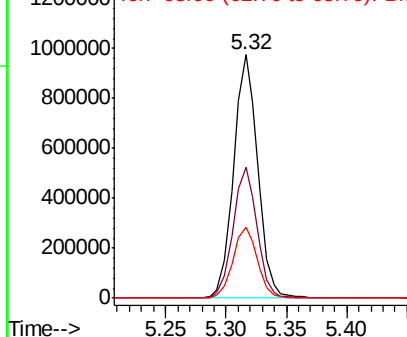
#5

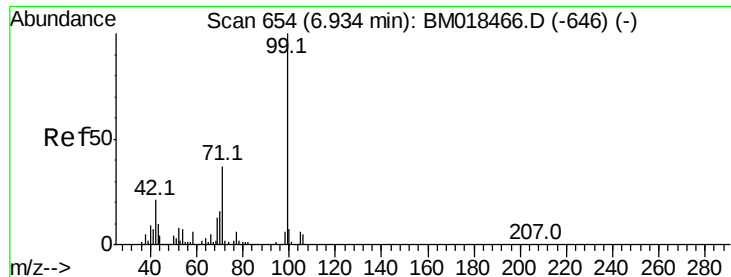
2-Fluorophenol
Concen: 118.546 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018671.D
Acq: 28 Jan 2019 19:20

Tgt Ion:112 Resp: 1359728
Ion Ratio Lower Upper
112 100
64 53.7 46.5 69.7
63 29.1 25.2 37.8



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: 105.962 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018671.D

Acq: 28 Jan 2019 19:20

Instrument :

BNA_M

ClientSampled :

MH-C05

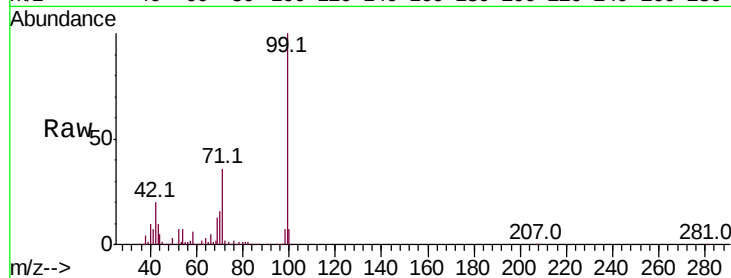
Tot Ion: 99 Resp: 1543689

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

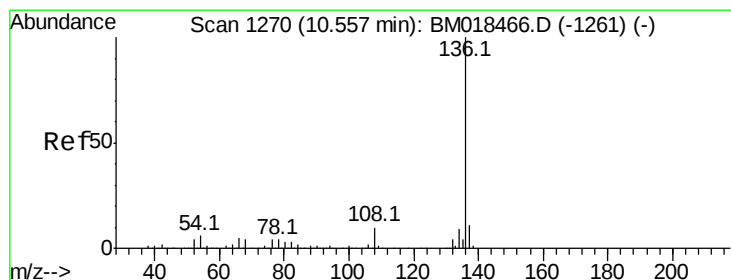
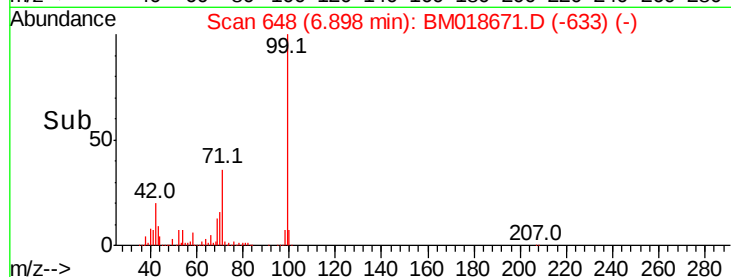
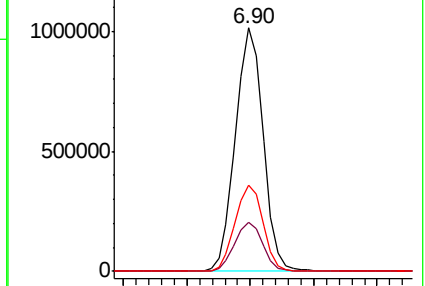
71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM018671.D

Acq: 28 Jan 2019 19:20

Tgt Ion: 136 Resp: 803226

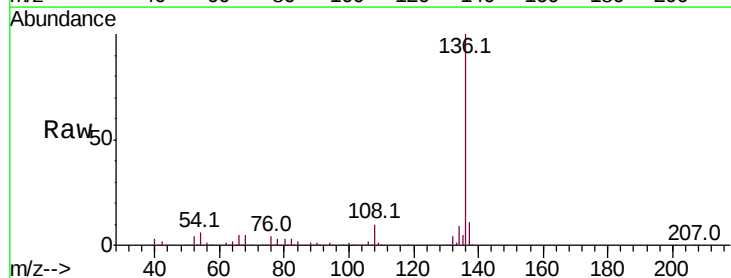
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.3 6.0 9.0

68 4.7 4.5 6.7

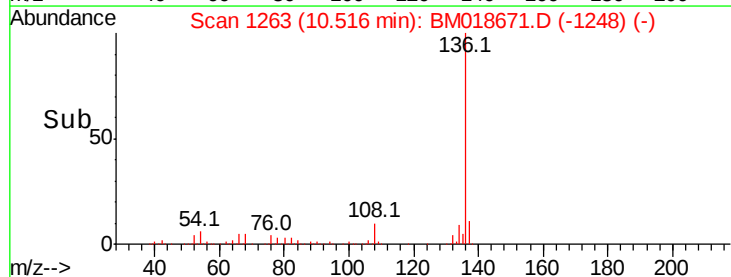
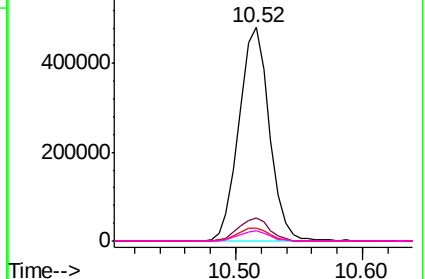


Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

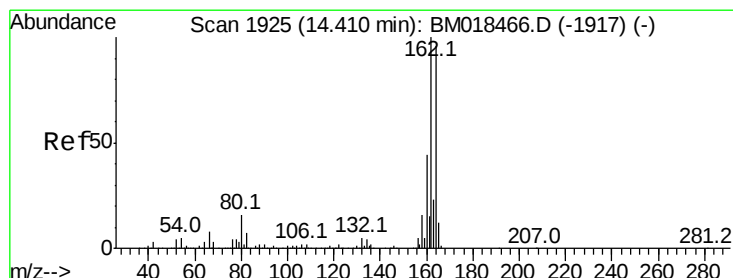
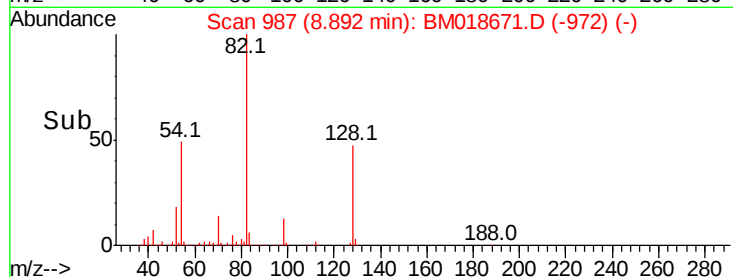
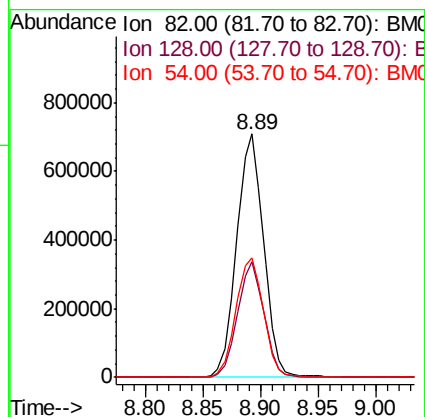
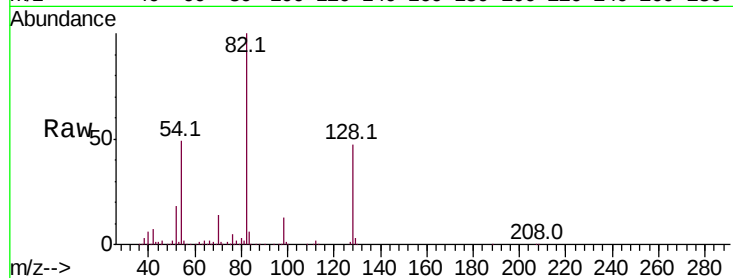




#23
Nitrobenzene-d5
Concen: 83.132 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018671.D
Acq: 28 Jan 2019 19:20

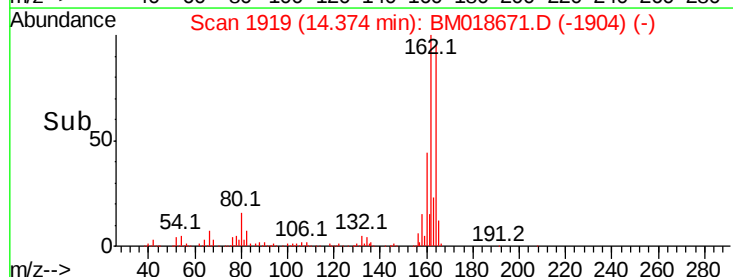
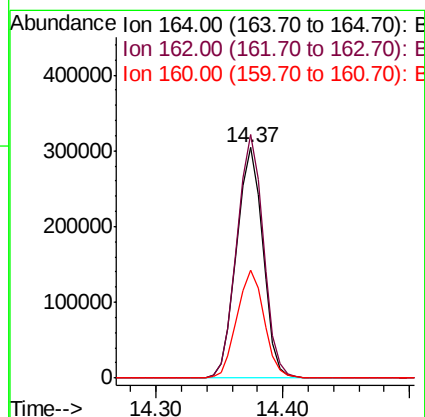
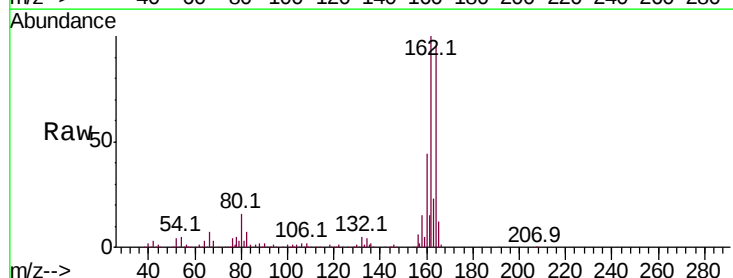
Instrument :
BNA_M
ClientSampleId :
MH-C05

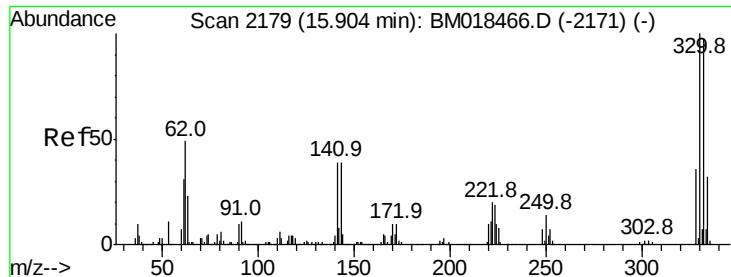
Tot Ion: 82 Resp: 1151855
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 49.0 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018671.D
Acq: 28 Jan 2019 19:20

Tgt Ion: 164 Resp: 438486
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.4
160 46.9 37.1 55.7

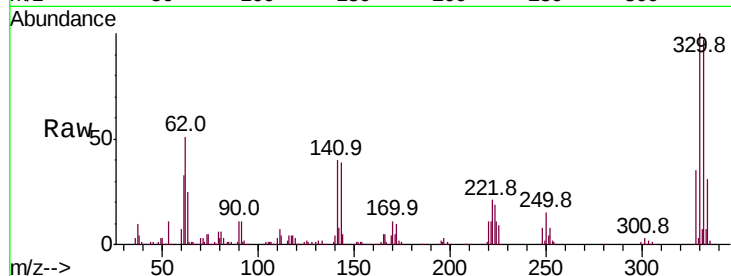




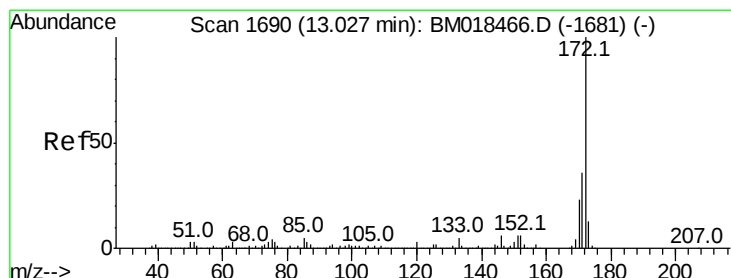
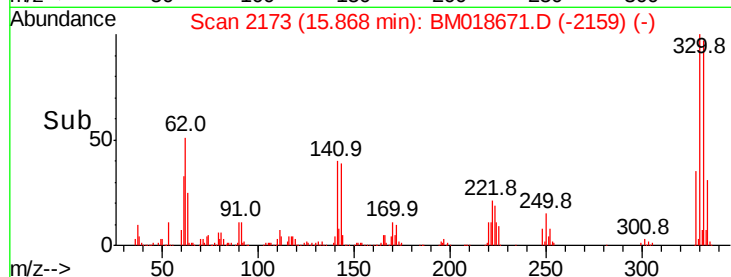
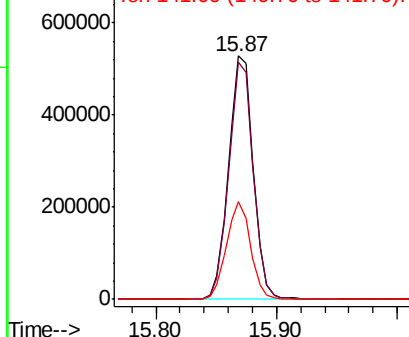
#42
 2,4,6-Tribromophenol
 Concen: 134.872 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018671.D
 Acq: 28 Jan 2019 19:20

Instrument :
 BNA_M
 ClientSampleId :
 MH-C05

Tot Ion:330 Resp: 753012
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 39.0 31.7 47.5

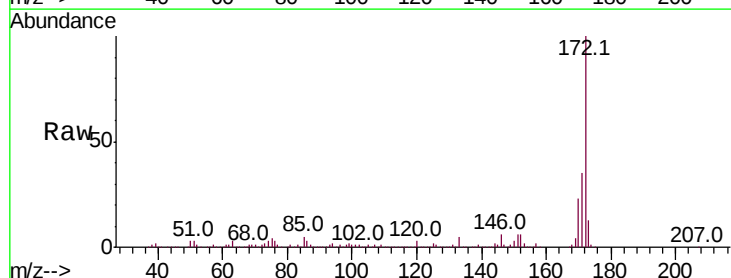


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

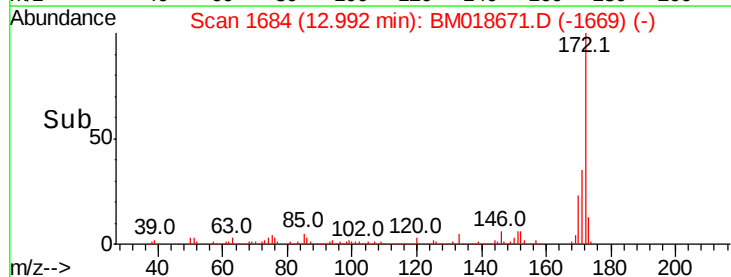
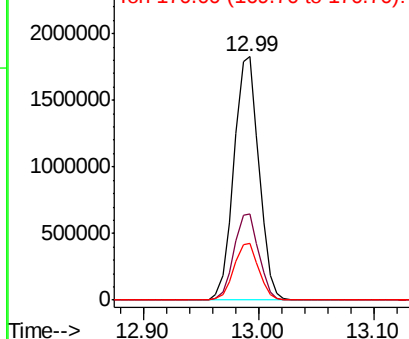


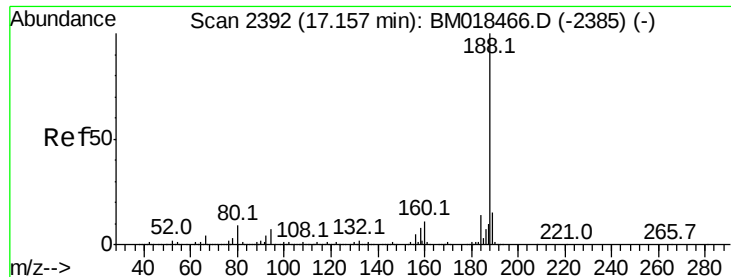
#45
 2-Fluorobiphenyl
 Concen: 81.585 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018671.D
 Acq: 28 Jan 2019 19:20

Tgt Ion:172 Resp: 2741579
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.3 18.9 28.3



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

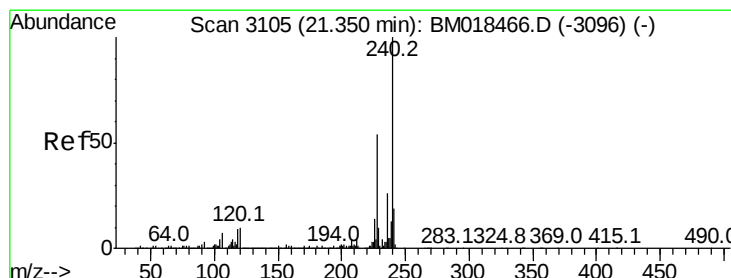
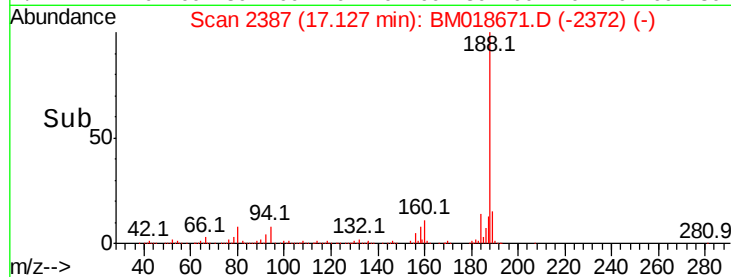
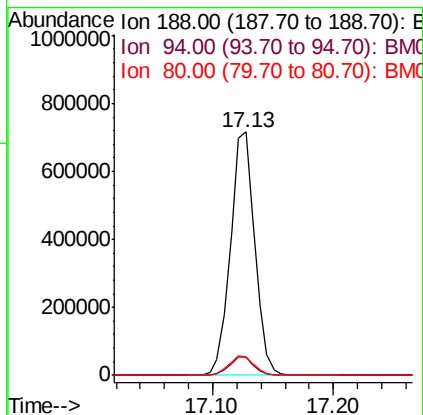
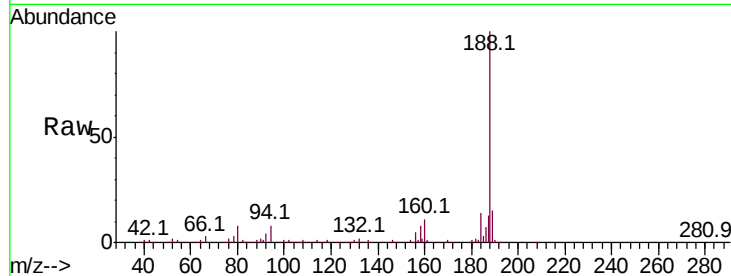




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018671.D
Acq: 28 Jan 2019 19:20

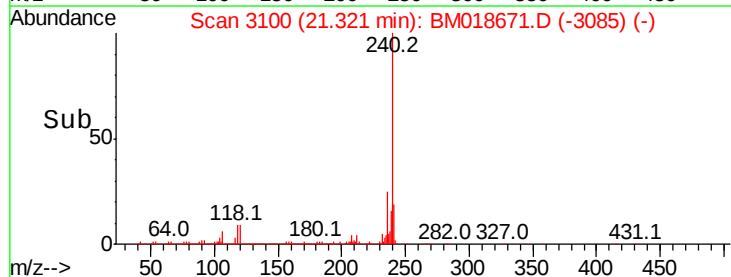
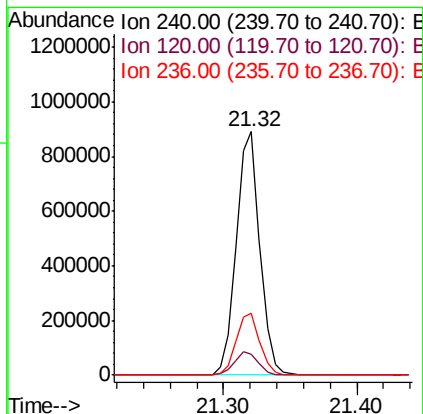
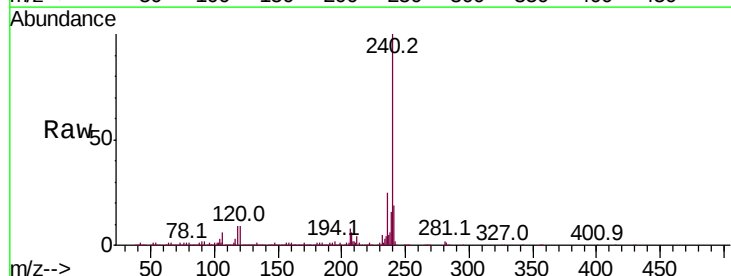
Instrument :
BNA_M
ClientSampled :
MH-C05

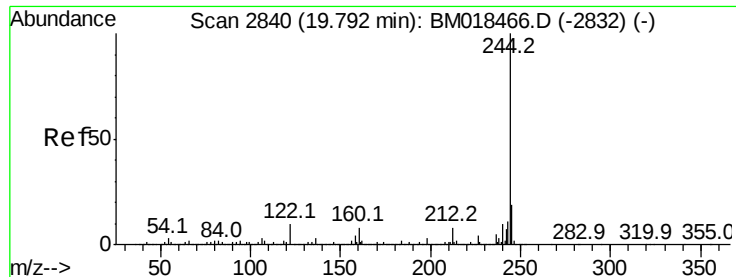
Tot Ion:188 Resp: 1005938
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 7.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018671.D
Acq: 28 Jan 2019 19:20

Tgt Ion:240 Resp: 1092688
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 25.4 20.7 31.1



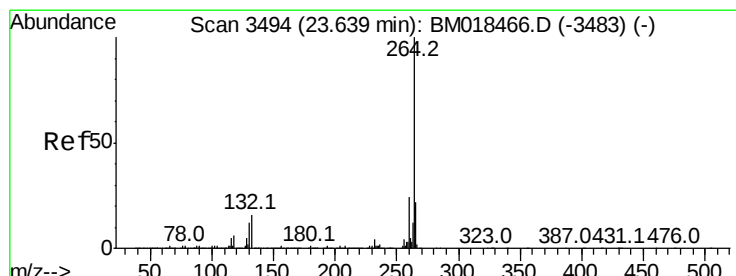
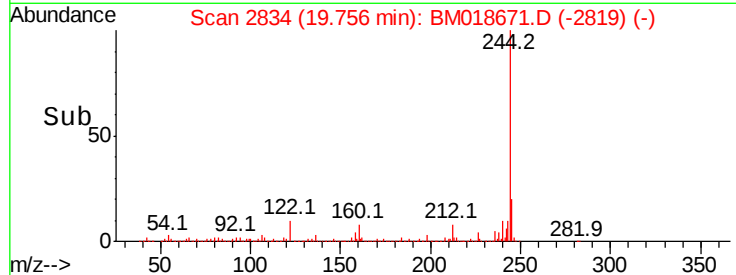
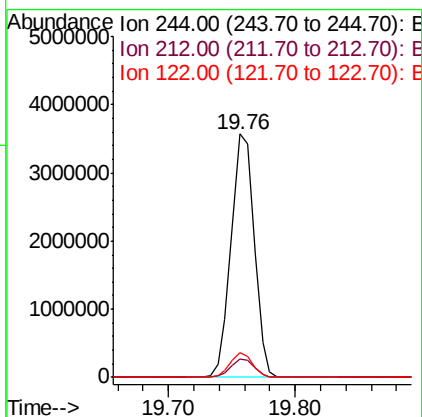
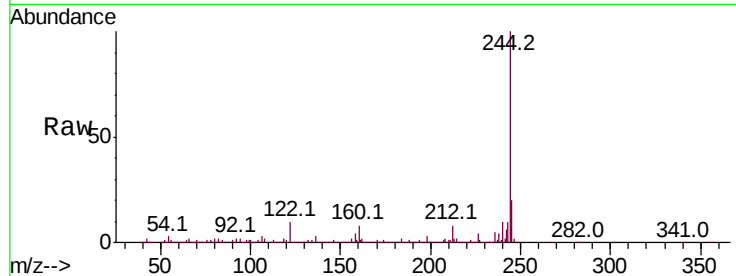


#79
 Terphenyl-d14
 Concen: 86.485 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018671.D
 Acq: 28 Jan 2019 19:20

Instrument :
 BNA_M
 ClientSampleId :
 MH-C05

Tot Ion:244 Resp: 4482877

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.2	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.59 min Scan# 3485
 Delta R.T. -0.02 min
 Lab File: BM018671.D
 Acq: 28 Jan 2019 19:20

Tgt Ion:264 Resp: 1112861

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	16.8	25.2

