

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013019\
 Data File : BM018701.D
 Acq On : 30 Jan 2019 19:03
 Operator : JU/SJ
 Sample : K1268-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 012819-DBRI-F-U-M

Quant Time: Jan 31 06:37:37 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

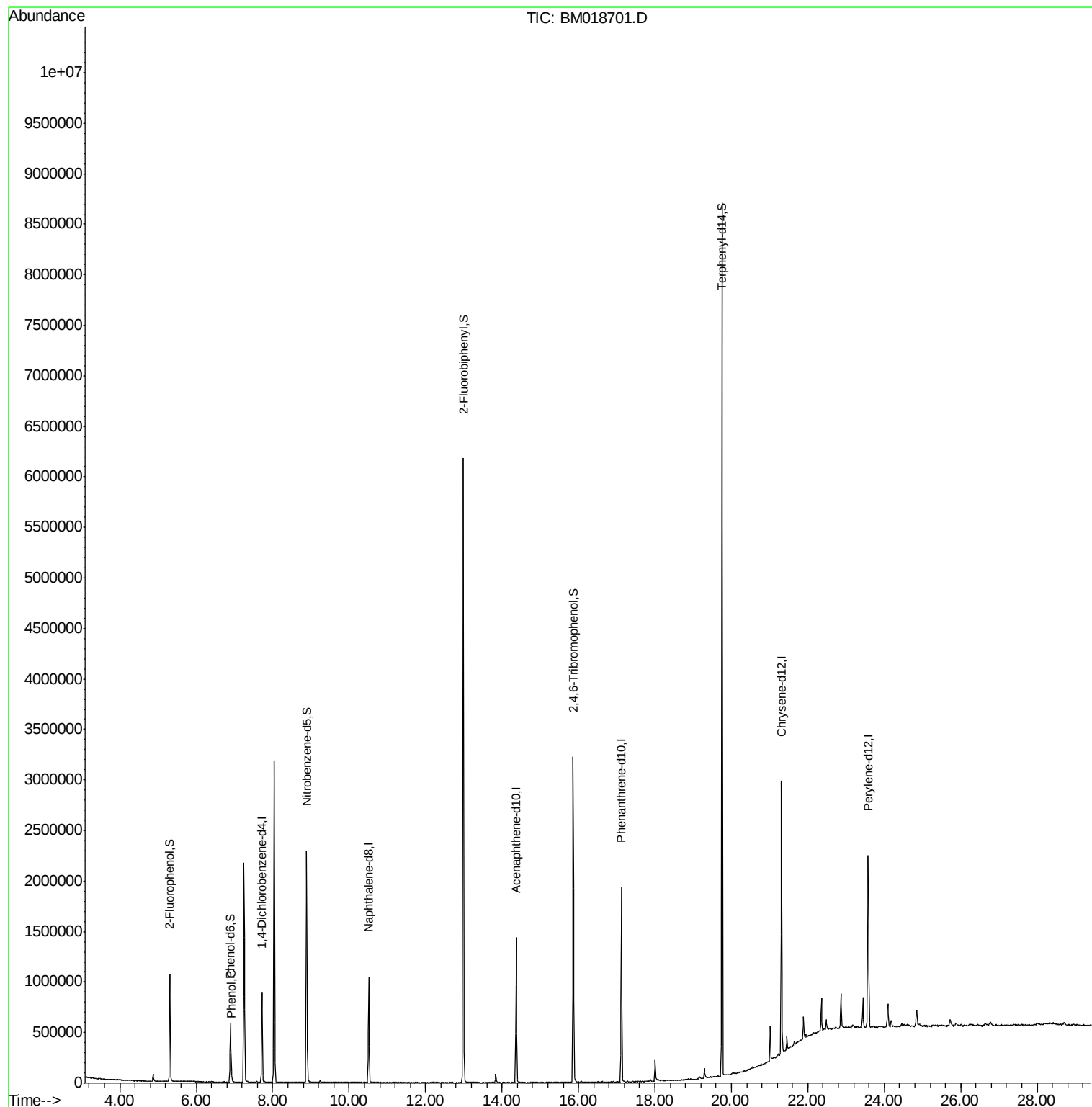
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	234473	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	889268	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	484093	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	1105904	20.00	ng	-0.02
76) Chrysene-d12	21.31	240	1210553	20.00	ng	-0.02
87) Perylene-d12	23.58	264	1216738	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	440587	34.70	ng	-0.02
7) Phenol-d6	6.89	99	315978	19.59	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1292410	84.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	552154	89.58	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3129954	84.37	ng	-0.02
79) Terphenyl-d14	19.76	244	4032549	70.22	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.89	77	1389	Below Cal	Qvalue #	1
10) Phenol	6.92	94	74250	4.530 ng		97

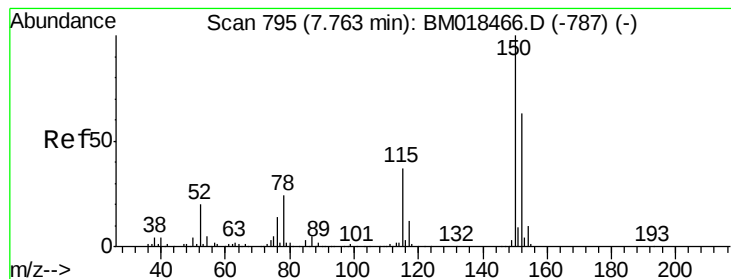
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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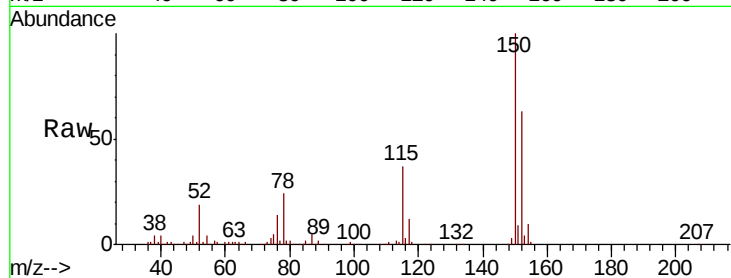


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018701.D
Acq: 30 Jan 2019 19:03

Instrument :
BNA_M
ClientSampleId :
012819-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.9	190.3
115	58.6	45.5	68.3

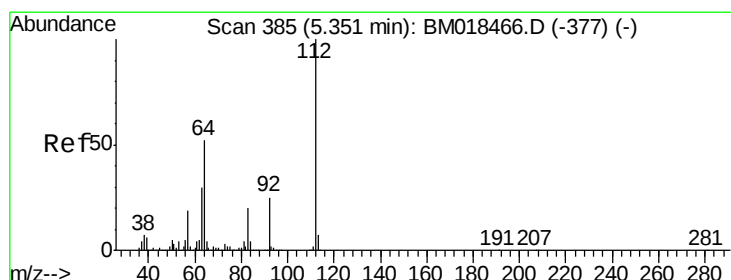
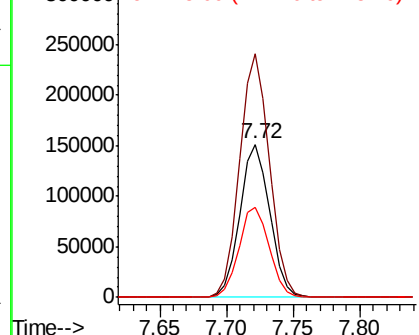
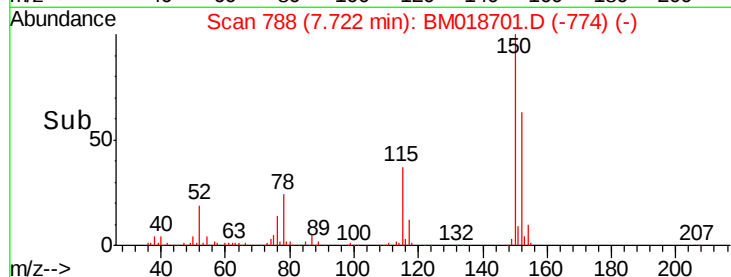


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

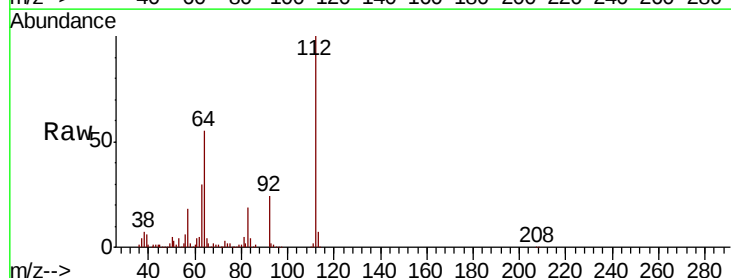
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.697 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018701.D
Acq: 30 Jan 2019 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.5	69.7
63	29.6	25.2	37.8

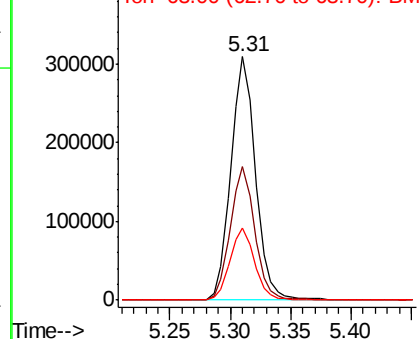
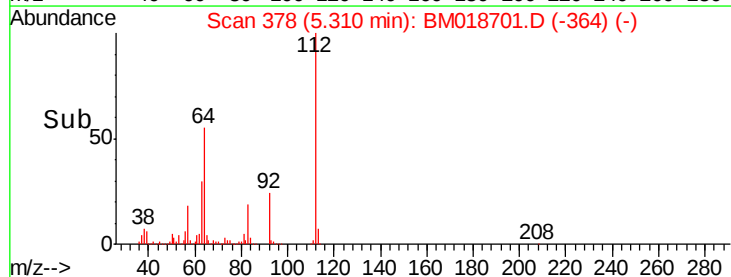


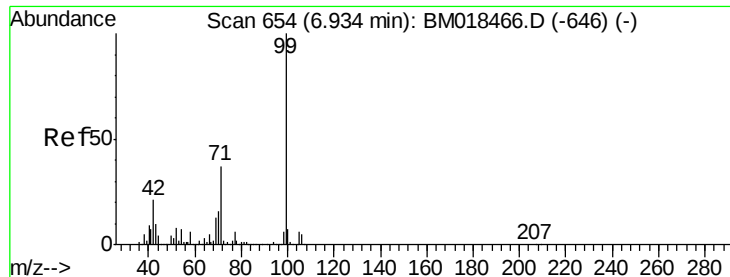
Abundance

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: 19.591 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

Instrument :

BNA_M

ClientSampleId :

012819-DBRI-F-U-M

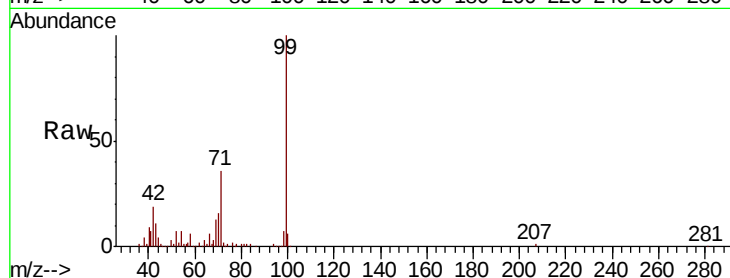
Tgt Ion: 99 Resp: 315978

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

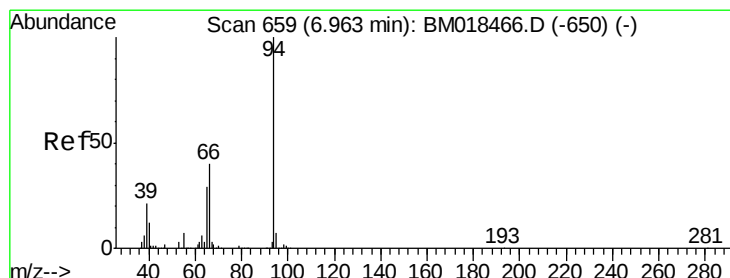
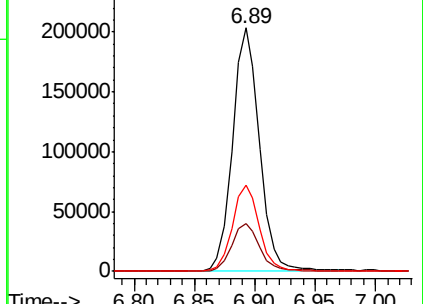
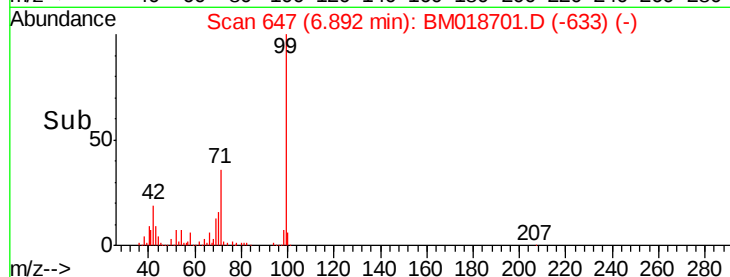
71 35.6 28.0 42.0



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) (-)



#10

Phenol

Concen: 4.530 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

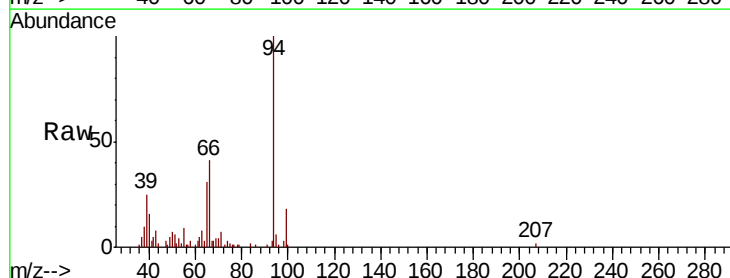
Tgt Ion: 94 Resp: 74250

Ion Ratio Lower Upper

94 100

65 30.5 9.4 49.4

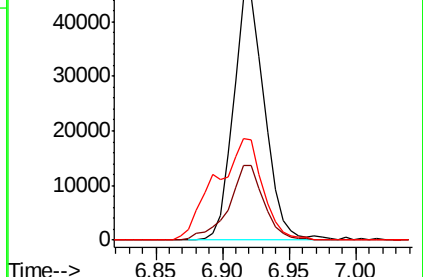
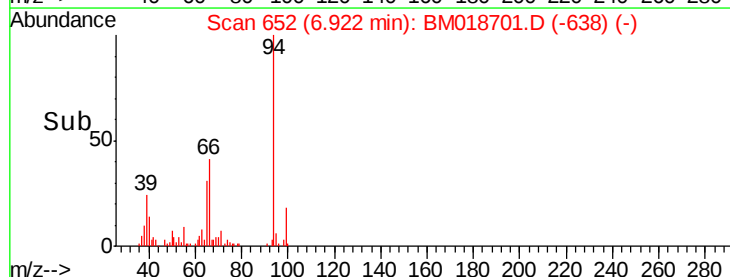
66 40.9 19.1 59.1

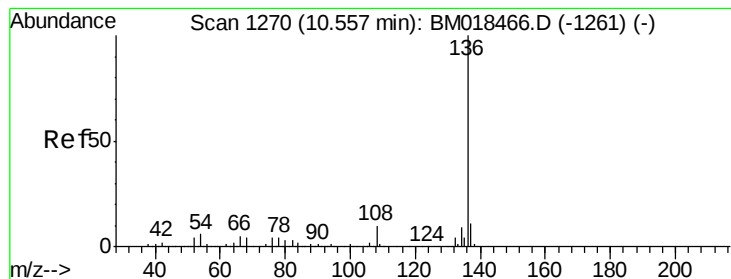


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

Instrument :

BNA_M

ClientSampleId :

012819-DBRI-F-U-M

Tgt Ion: 136 Resp: 889268

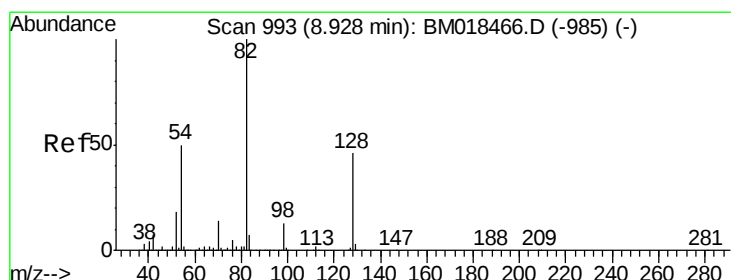
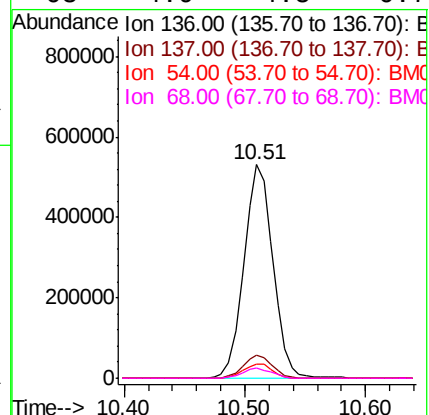
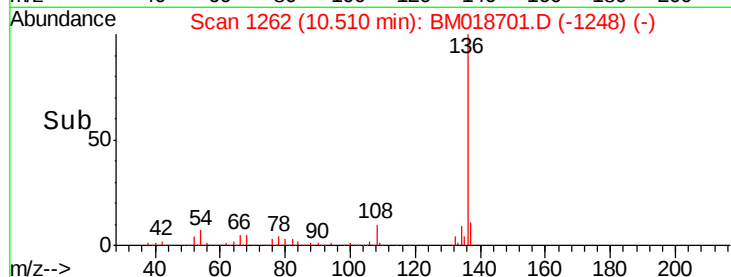
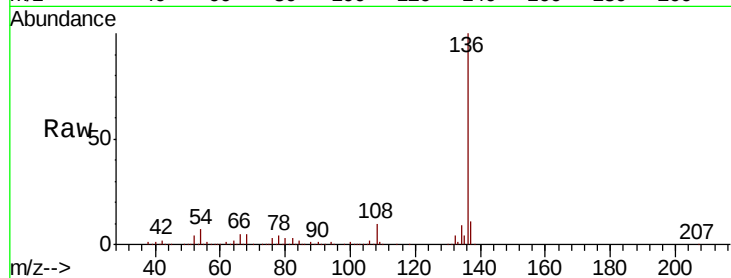
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 6.0 9.0

68 4.9 4.5 6.7



#23

Nitrobenzene-d5

Concen: 84.252 ng

RT: 8.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

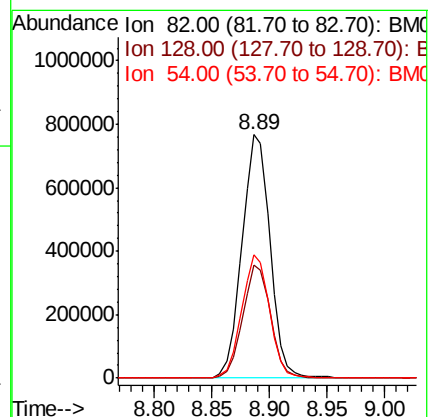
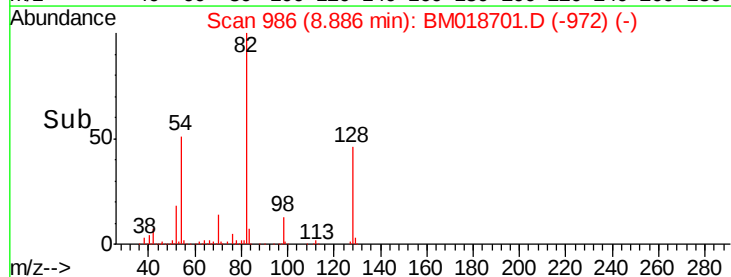
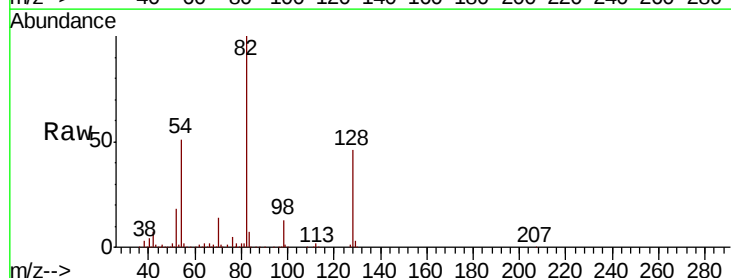
Tgt Ion: 82 Resp: 1292410

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

54 50.8 41.7 62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

Instrument :

BNA_M

ClientSampleId :

012819-DBRI-F-U-M

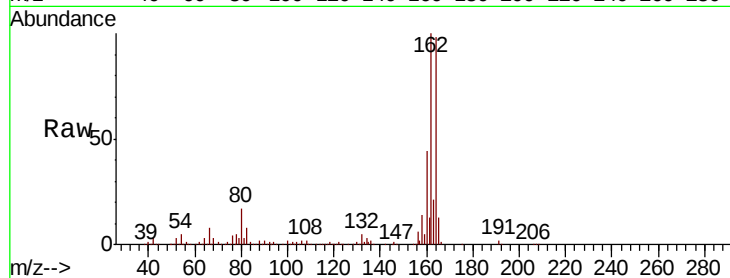
Tgt Ion:164 Resp: 484093

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.4

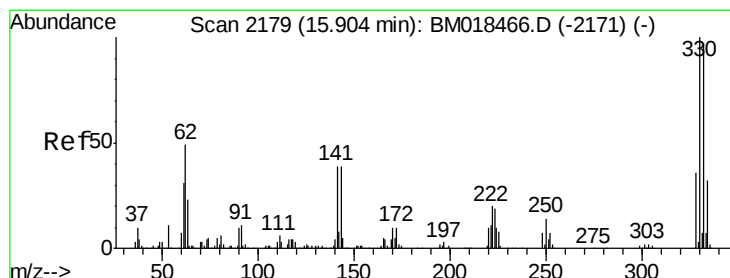
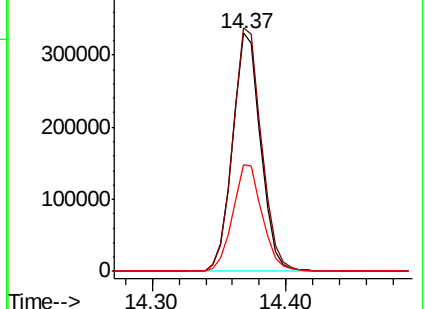
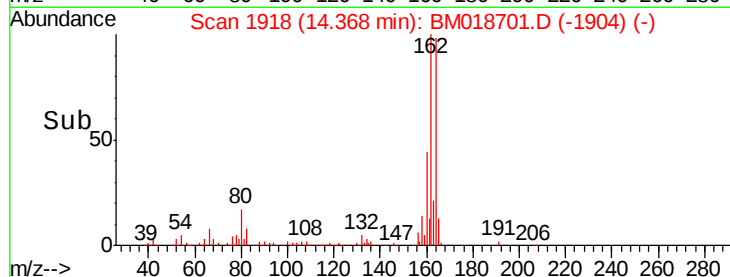
160 44.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 89.579 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

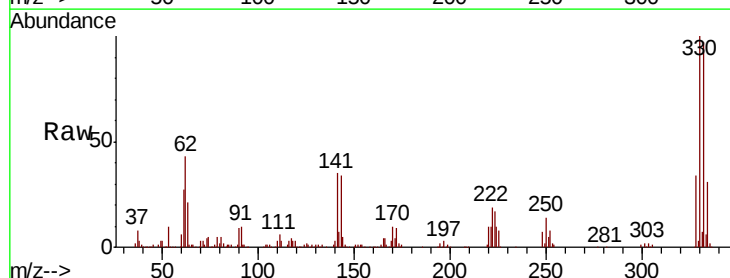
Tgt Ion:330 Resp: 552154

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

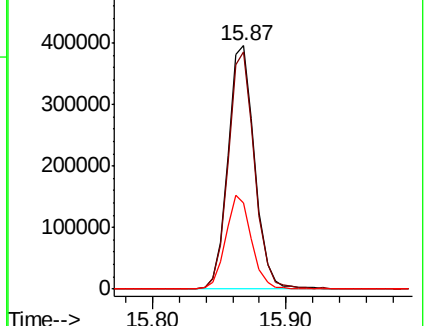
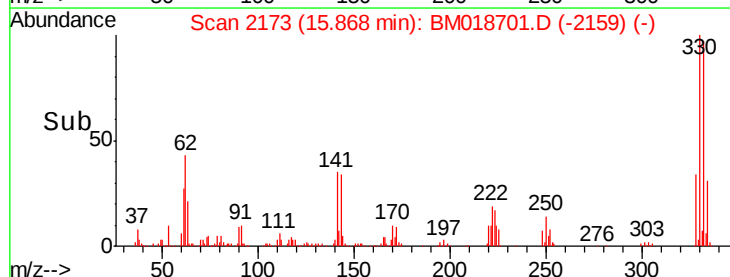
141 37.6 31.7 47.5

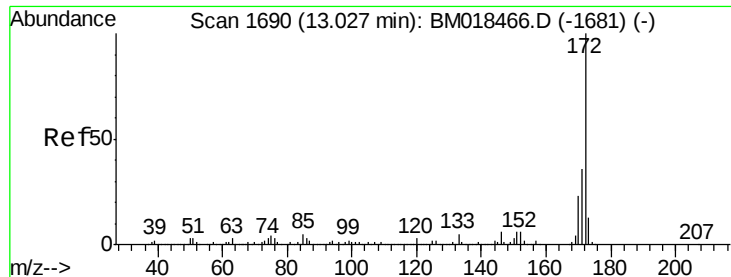


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

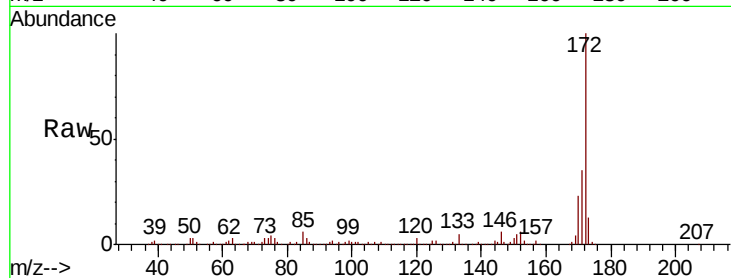




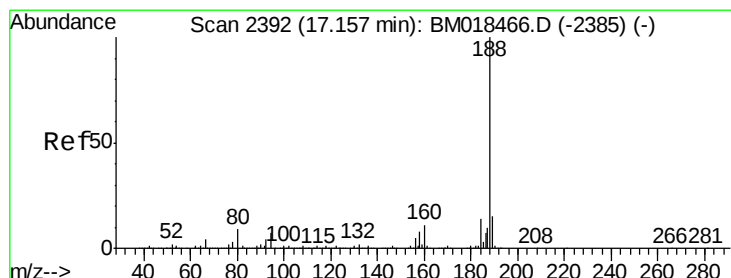
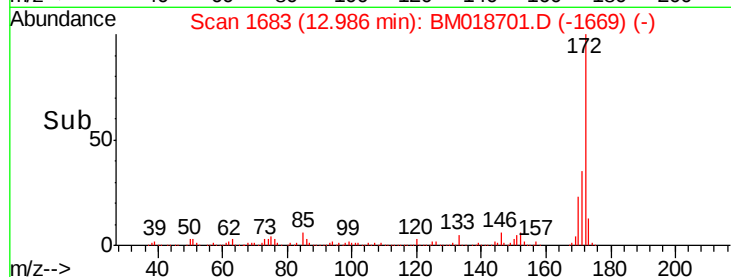
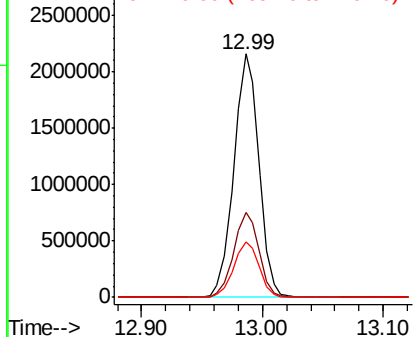
#45
 2-Fluorobiphenyl
 Concen: 84.367 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM018701.D
 Acq: 30 Jan 2019 19:03

Instrument :
 BNA_M
 ClientSampleId :
 012819-DBRI-F-U-M

Tgt Ion:172 Resp: 3129954
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.2 42.4
 170 22.9 18.9 28.3

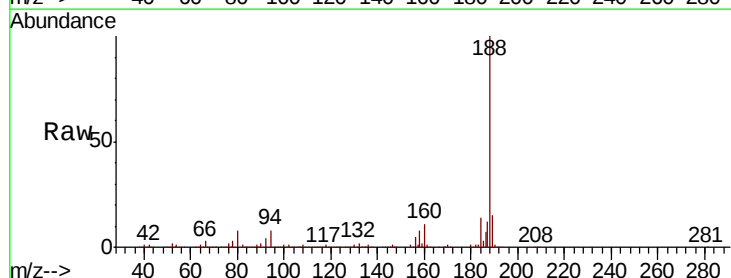


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

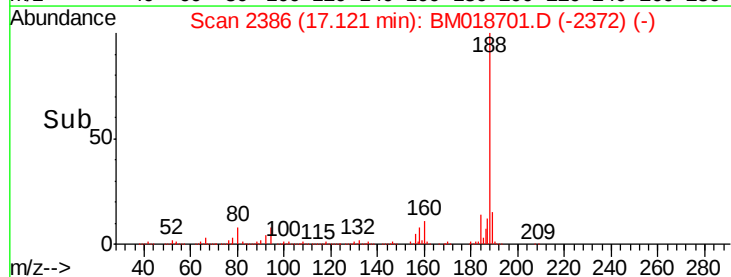
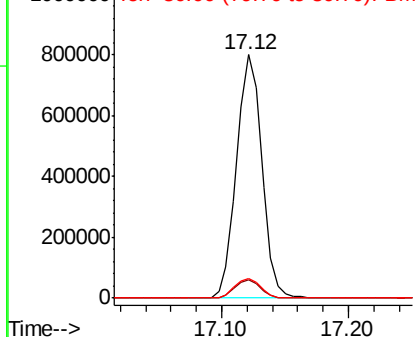


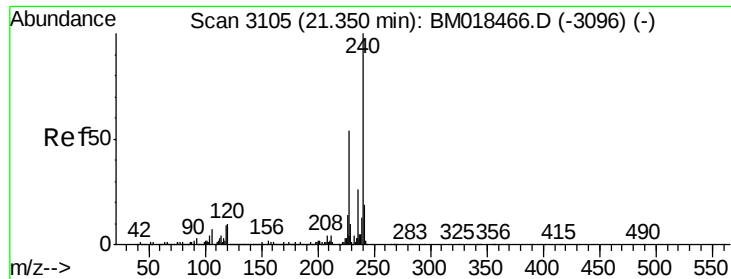
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.12 min Scan# 2386
 Delta R.T. -0.02 min
 Lab File: BM018701.D
 Acq: 30 Jan 2019 19:03

Tgt Ion:188 Resp: 1105904
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.1 10.7
 80 8.2 7.6 11.4



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: 21.31 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

Instrument :

BNA_M

ClientSampleId :

012819-DBRI-F-U-M

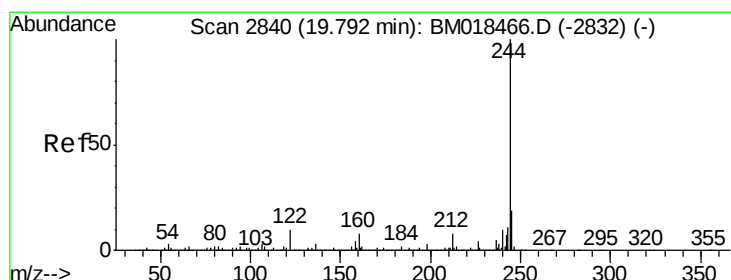
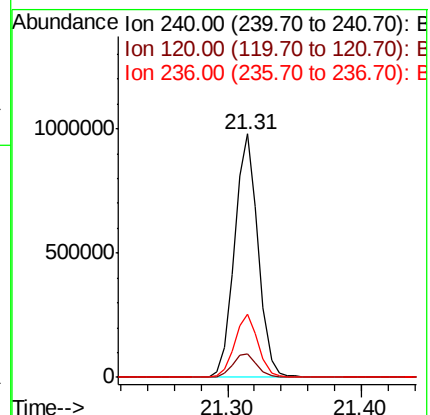
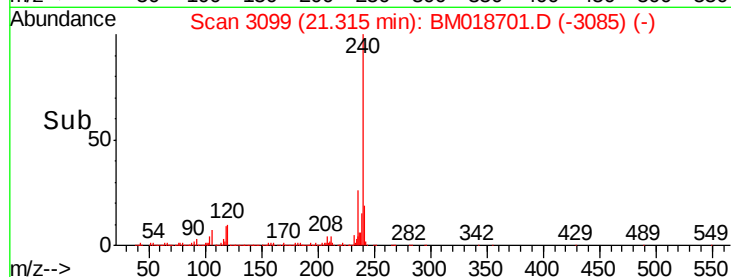
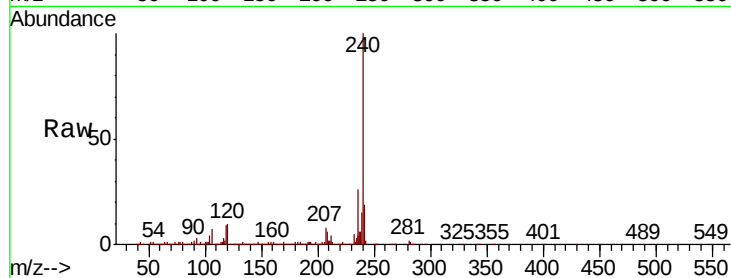
Tgt Ion:240 Resp: 1210553

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 26.2 20.7 31.1



#79

Terphenyl-d14

Concen: 70.222 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018701.D

Acq: 30 Jan 2019 19:03

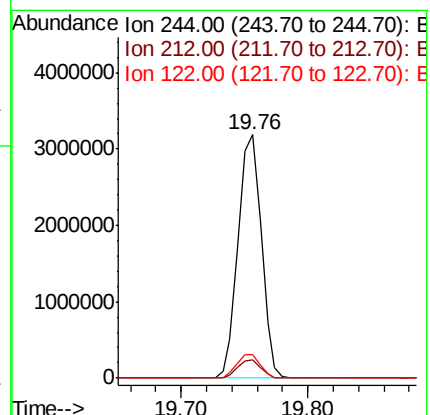
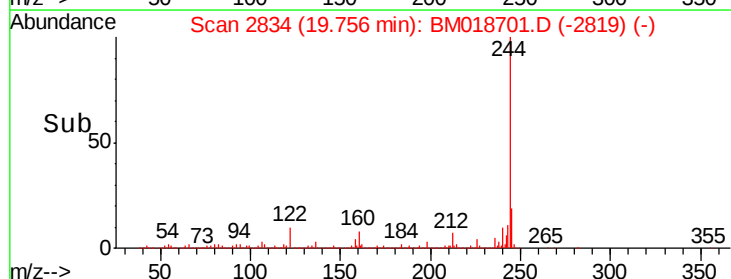
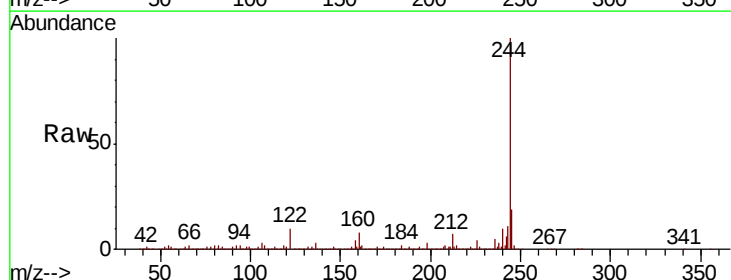
Tgt Ion:244 Resp: 4032549

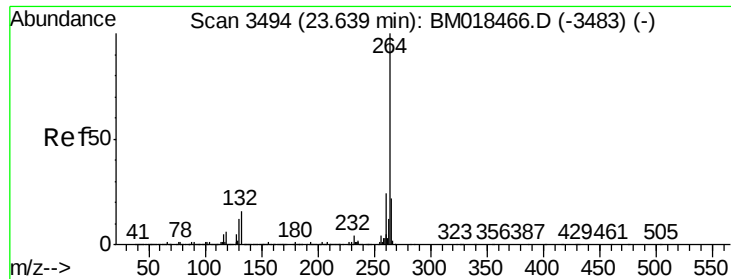
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.7 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.58 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BM018701.D
Acq: 30 Jan 2019 19:03

Instrument :
BNA_M
ClientSampleId :
012819-DBRI-F-U-M

Tgt Ion: 264 Resp: 1216738

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	16.8	25.2

