

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018550.D
 Acq On : 12 Jan 2019 00:32
 Operator : JU/SJ
 Sample : PB116319BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 12 01:08:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	213567	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	923261	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	591698	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1585534	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2195430	20.00	ng	0.00
87) Perylene-d12	23.63	264	2705482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1699985	146.98	ng	0.00
7) Phenol-d6	6.93	99	2282870	155.40	ng	0.00
23) Nitrobenzene-d5	8.92	82	1325720	83.24	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1183081	157.03	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3635204	80.17	ng	0.00
79) Terphenyl-d14	19.79	244	7796859	74.86	ng	0.00

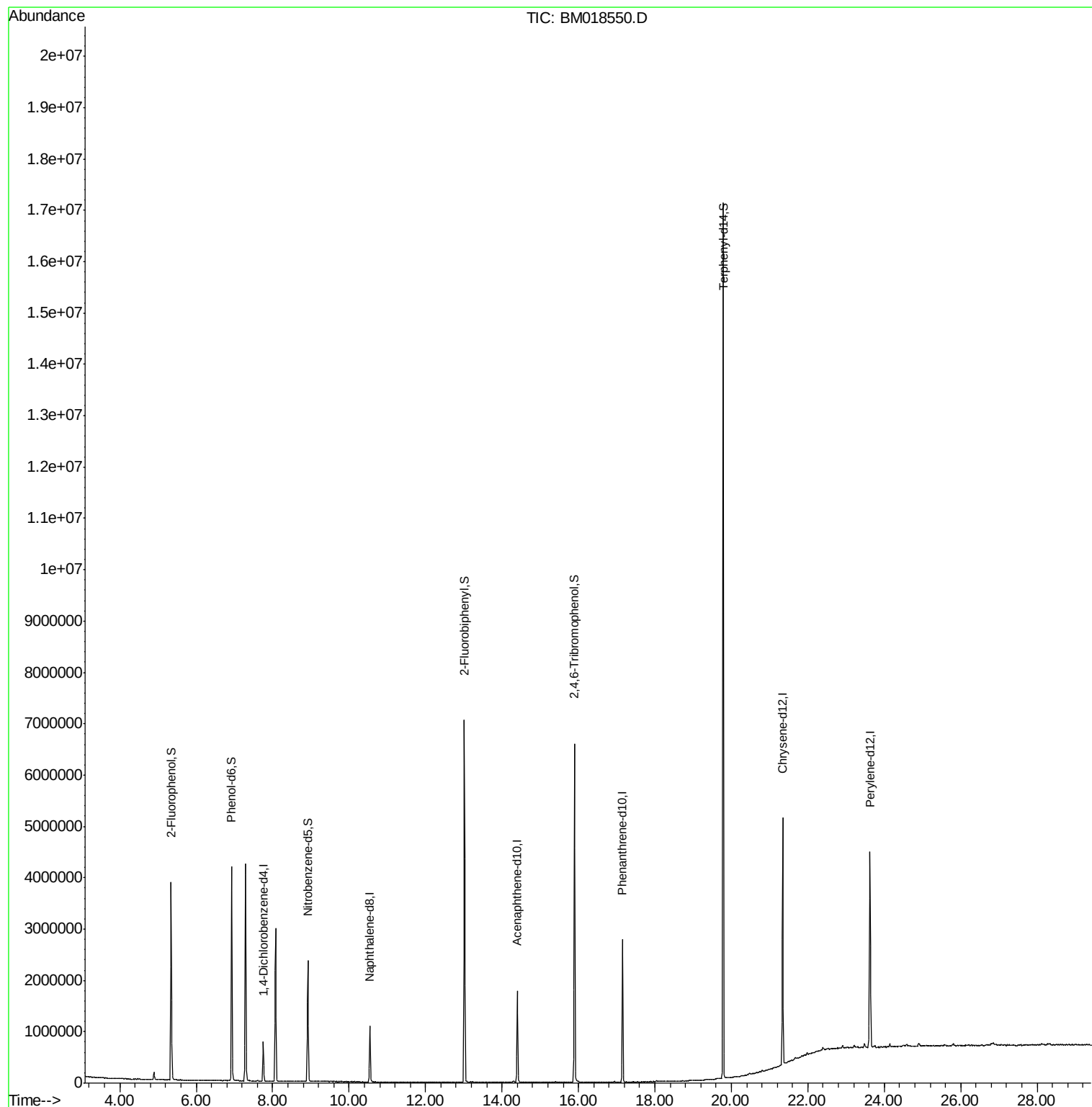
Target Compounds Qvalue

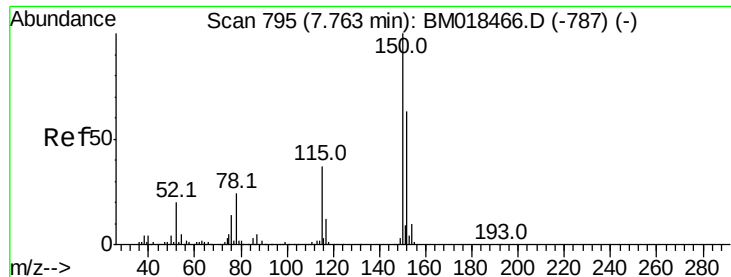
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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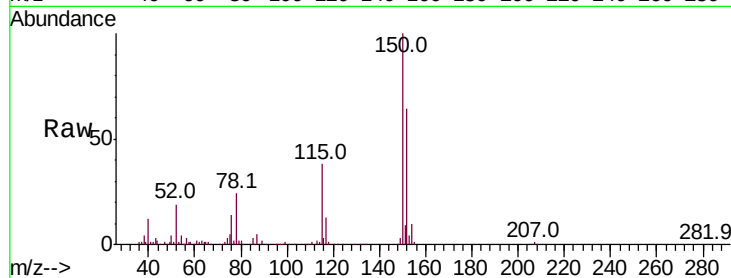


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018550.D
Acq: 12 Jan 2019 00:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.9	190.3
115	58.5	45.5	68.3

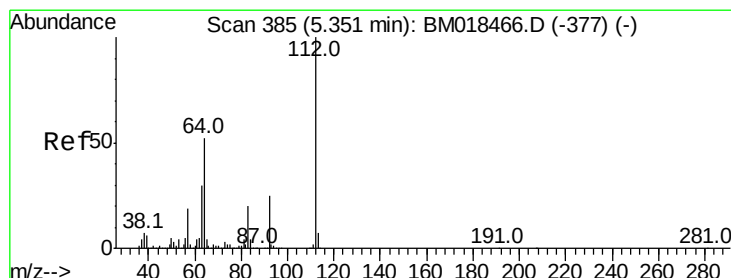
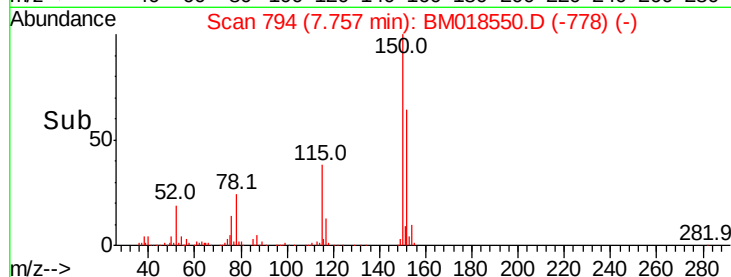
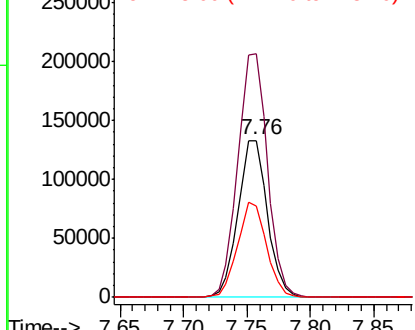


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

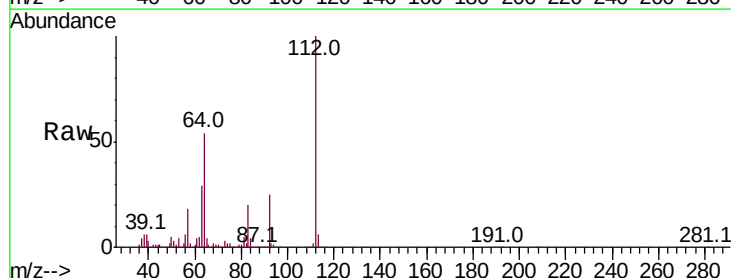
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.980 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018550.D
Acq: 12 Jan 2019 00:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.5	69.7
63	29.4	25.2	37.8

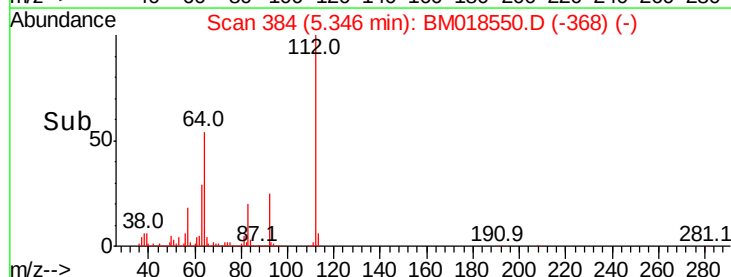
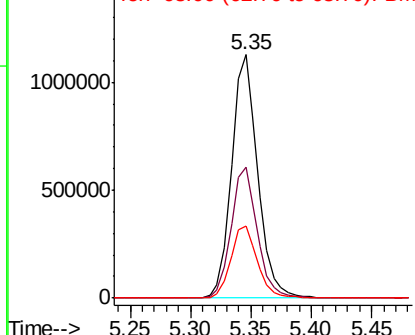


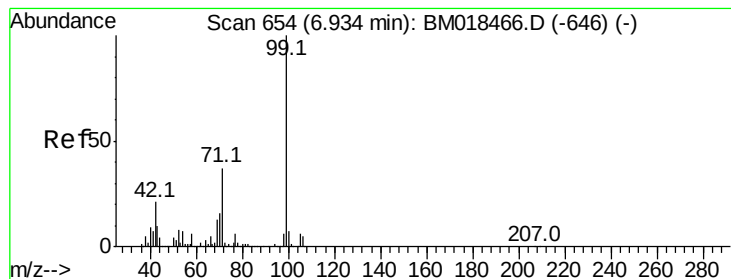
Abundance

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: 155.400 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

Instrument :

BNA_M

ClientSampleId :

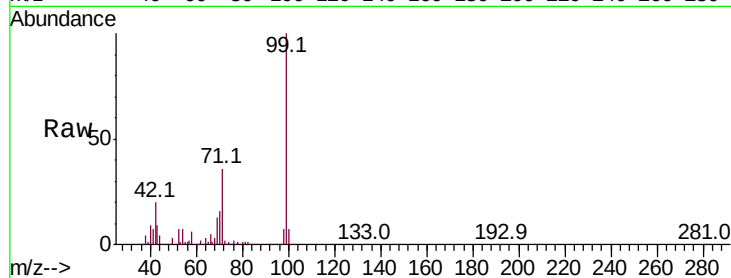
Tot Ion: 99 Resp: 2282870

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

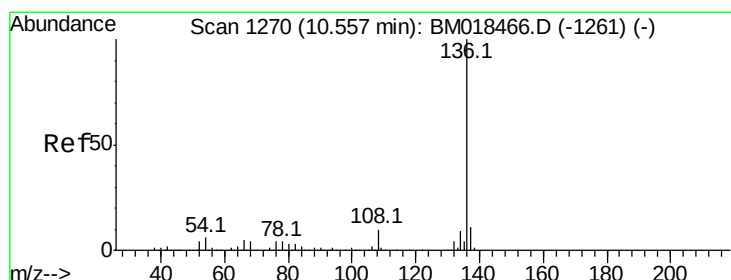
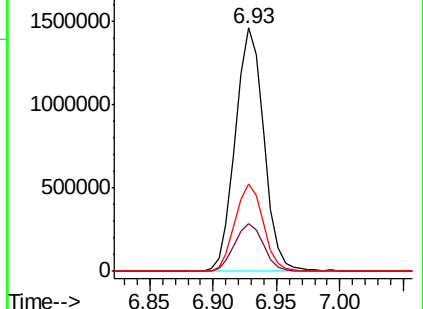
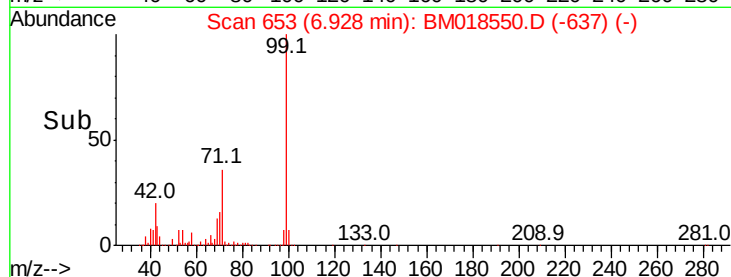
71 36.1 28.0 42.0



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: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

Tgt Ion: 136 Resp: 923261

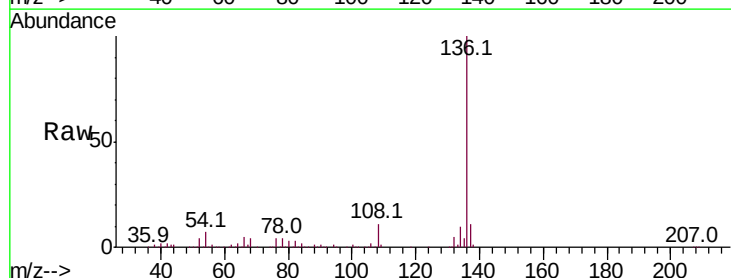
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 6.0 9.0

68 4.2 4.5 6.7#

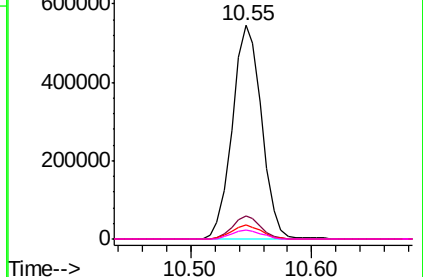
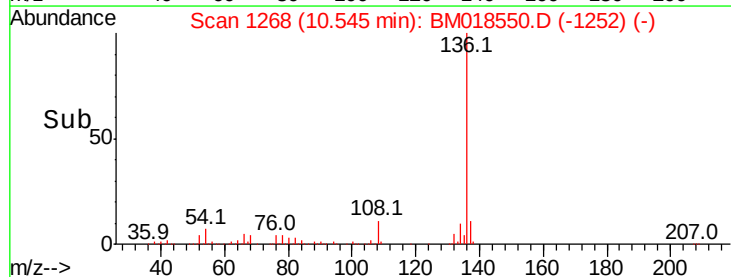


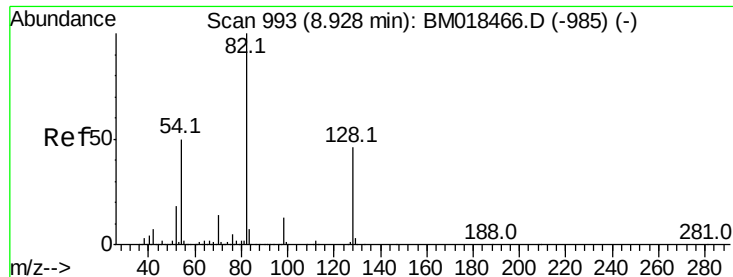
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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: 83.241 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

Instrument :

BNA_M

ClientSampleId :

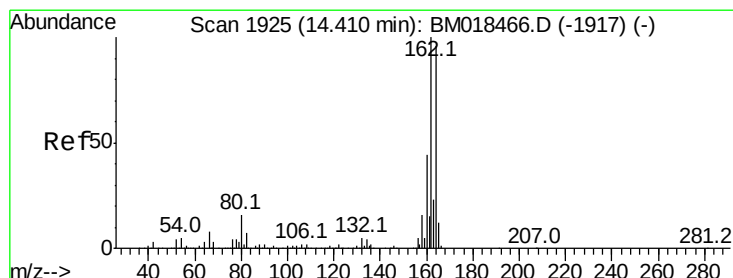
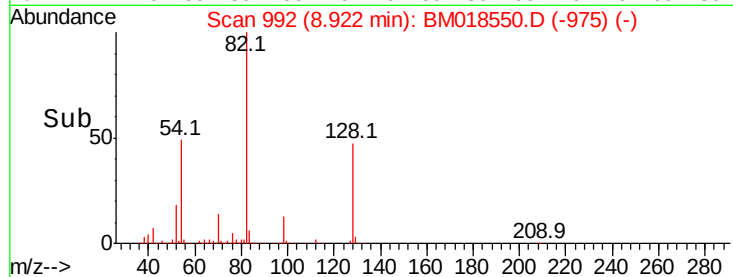
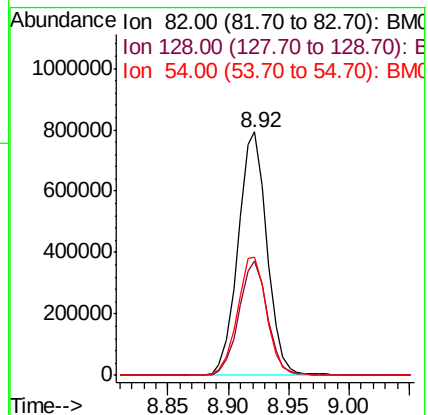
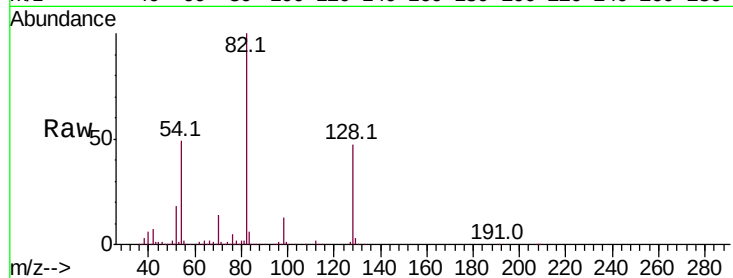
Tot Ion: 82 Resp: 1325720

Ion Ratio Lower Upper

82 100

128 47.0 36.3 54.5

54 48.6 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

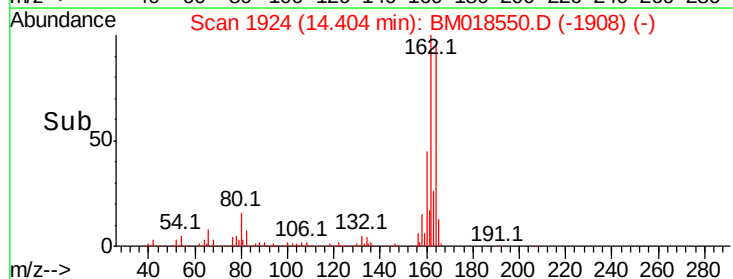
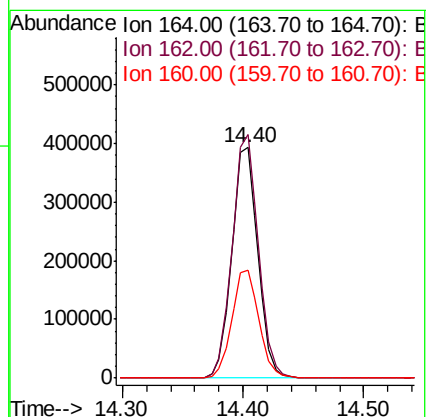
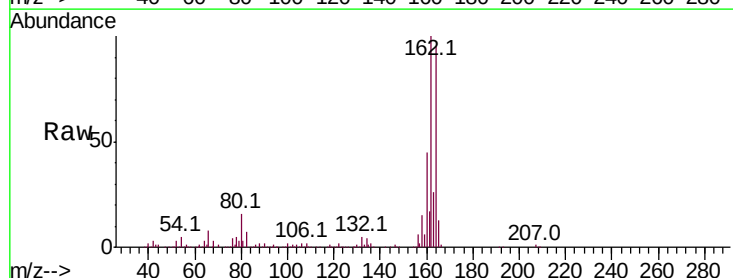
Tgt Ion:164 Resp: 591698

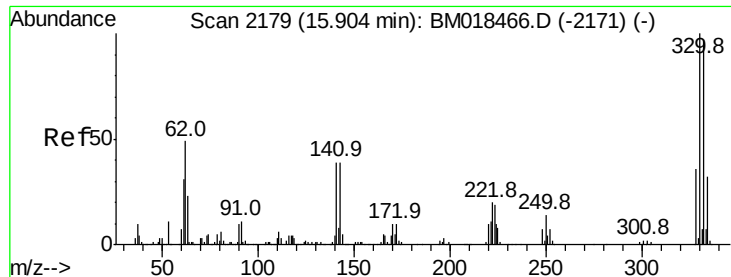
Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.4

160 47.1 37.1 55.7

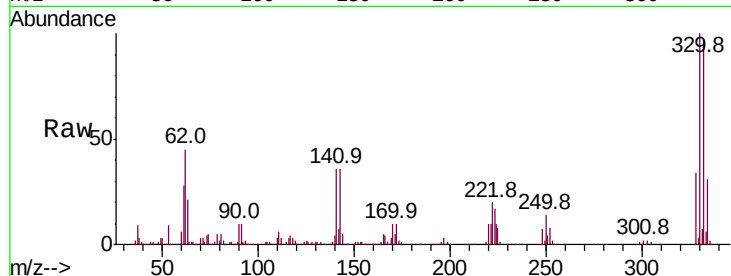




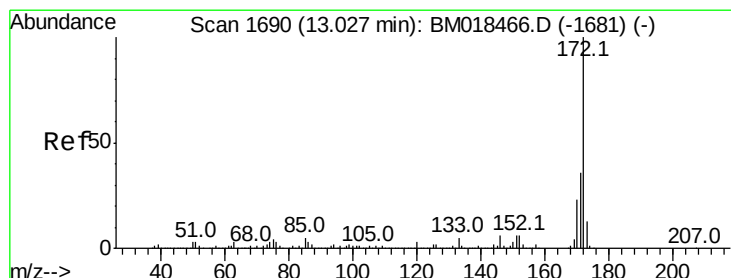
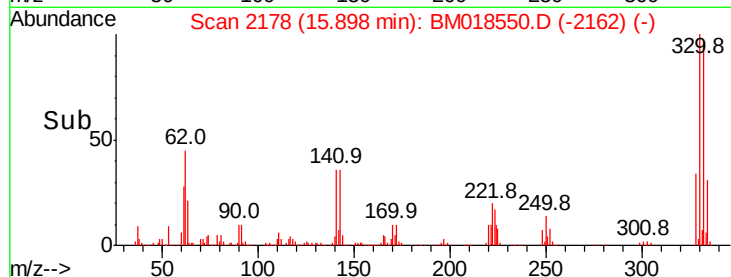
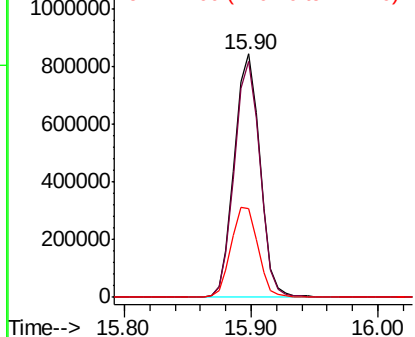
#42
2,4,6-Tribromophenol
Concen: 157.033 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018550.D
Acq: 12 Jan 2019 00:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 1183081
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 38.5 31.7 47.5

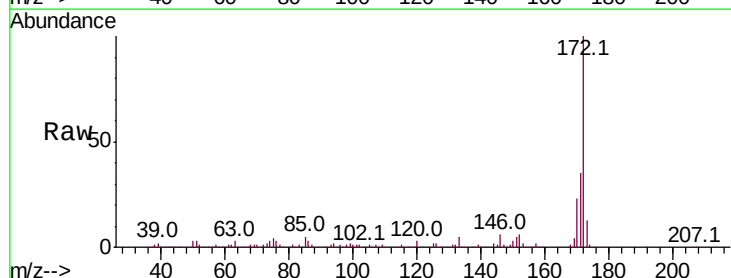


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

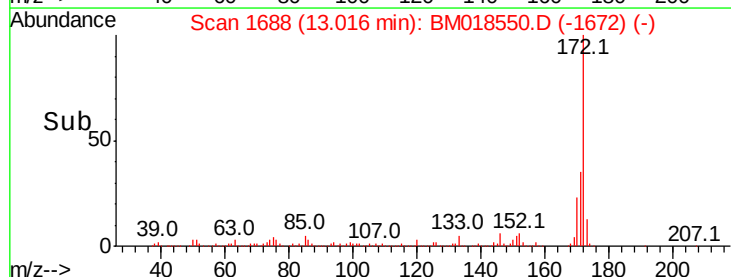
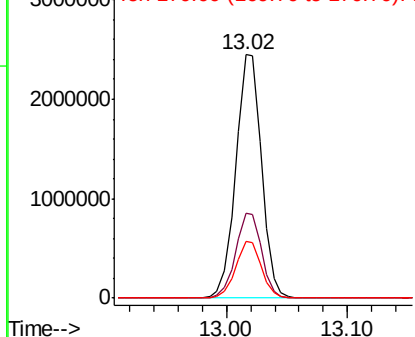


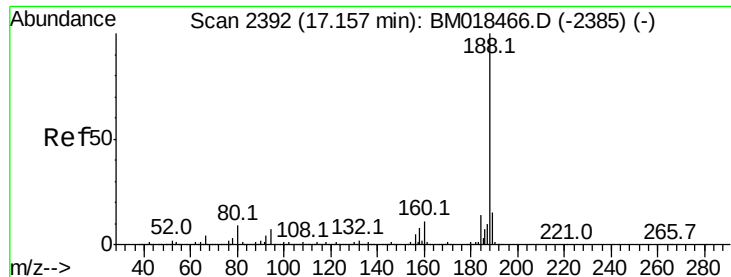
#45
2-Fluorobiphenyl
Concen: 80.167 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018550.D
Acq: 12 Jan 2019 00:32

Tgt Ion:172 Resp: 3635204
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.5 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: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

Instrument :

BNA_M

ClientSampleId :

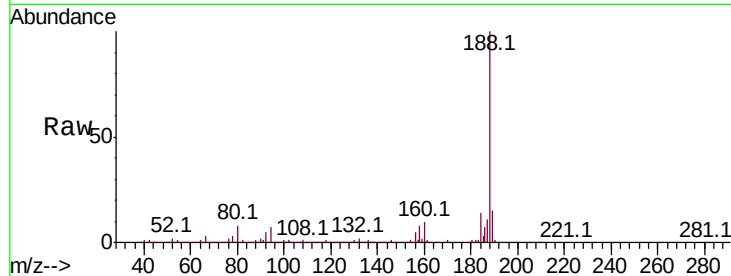
Tot Ion:188 Resp: 1585534

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

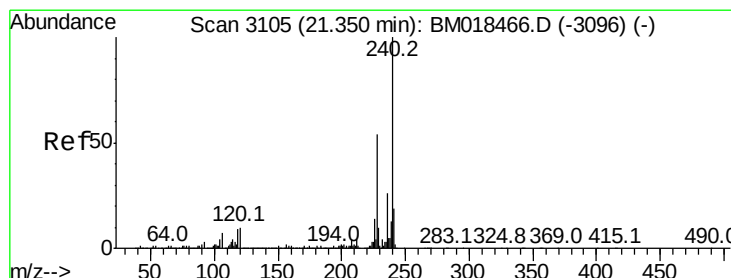
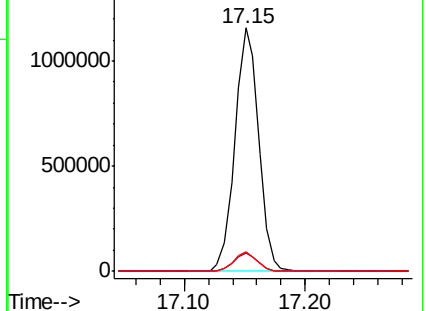
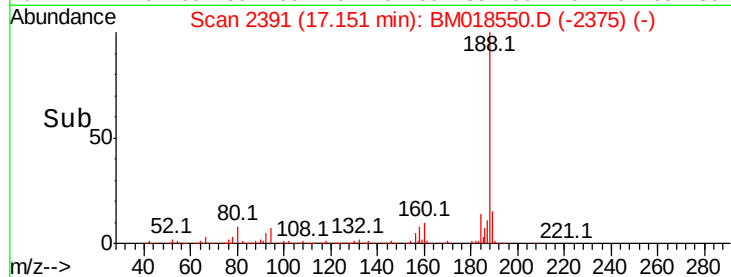
80 8.0 7.6 11.4



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: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

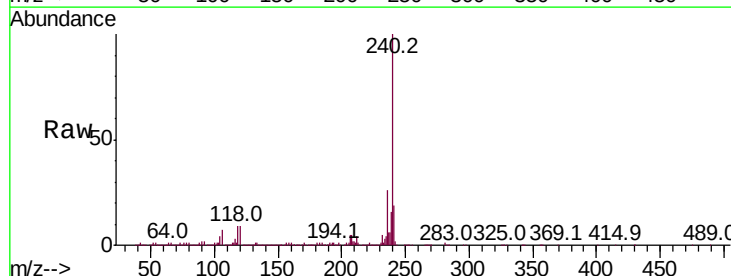
Tgt Ion:240 Resp: 2195430

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

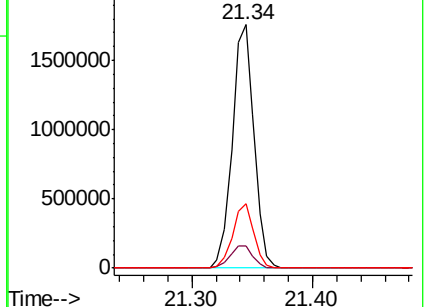
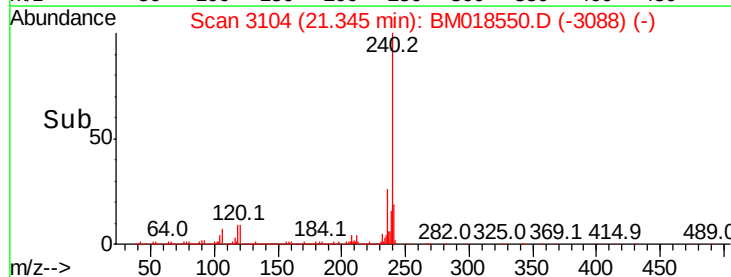
236 26.2 20.7 31.1

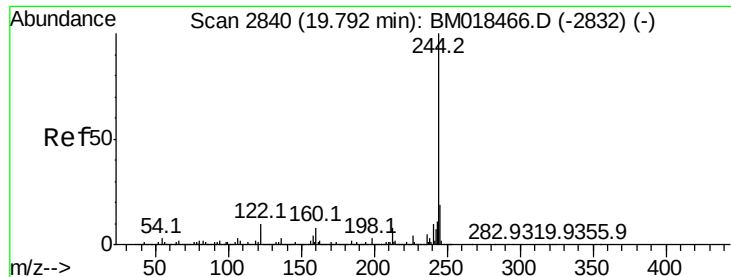


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.865 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

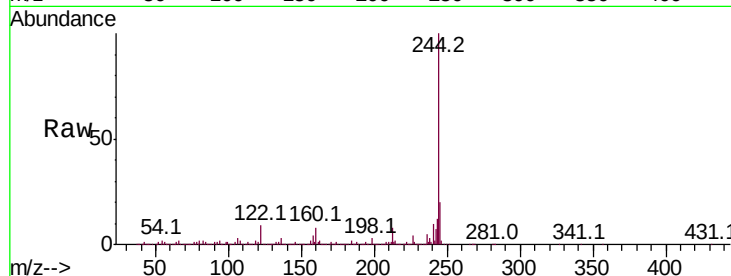
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 7796859

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.2	9.0	13.4

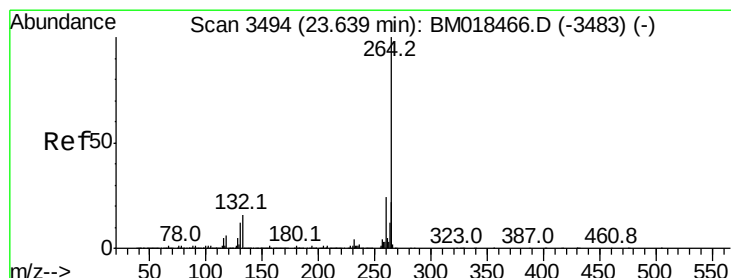
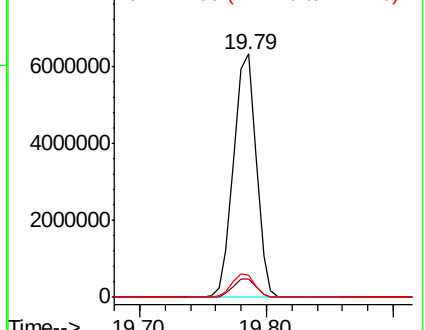
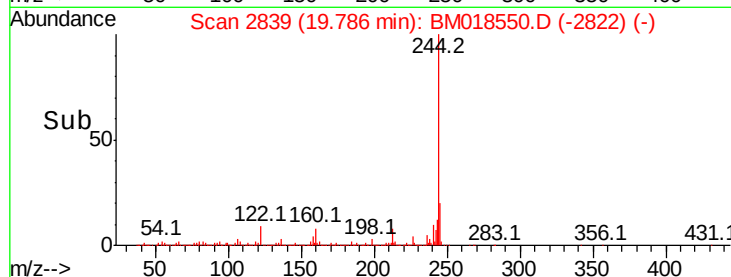


Abundance

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: 23.63 min Scan# 3492

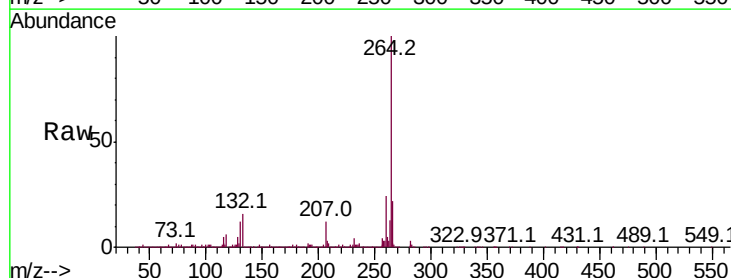
Delta R.T. -0.01 min

Lab File: BM018550.D

Acq: 12 Jan 2019 00:32

Tgt Ion:264 Resp: 2705482

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



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

