

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011519\
 Data File : BM018567.D
 Acq On : 15 Jan 2019 18:53
 Operator : JU/SJ
 Sample : K1139-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-3

Quant Time: Jan 16 00:07:12 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	7.75	152	231466	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	881420	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	495507	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1191405	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1394668	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1427481	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1520292	121.28	ng	0.00
7) Phenol-d6	6.93	99	1664783	104.56	ng	0.00
23) Nitrobenzene-d5	8.92	82	1356302	89.20	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	971111	153.92	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3385374	89.15	ng	0.00
79) Terphenyl-d14	19.78	244	6116418	92.45	ng	0.00

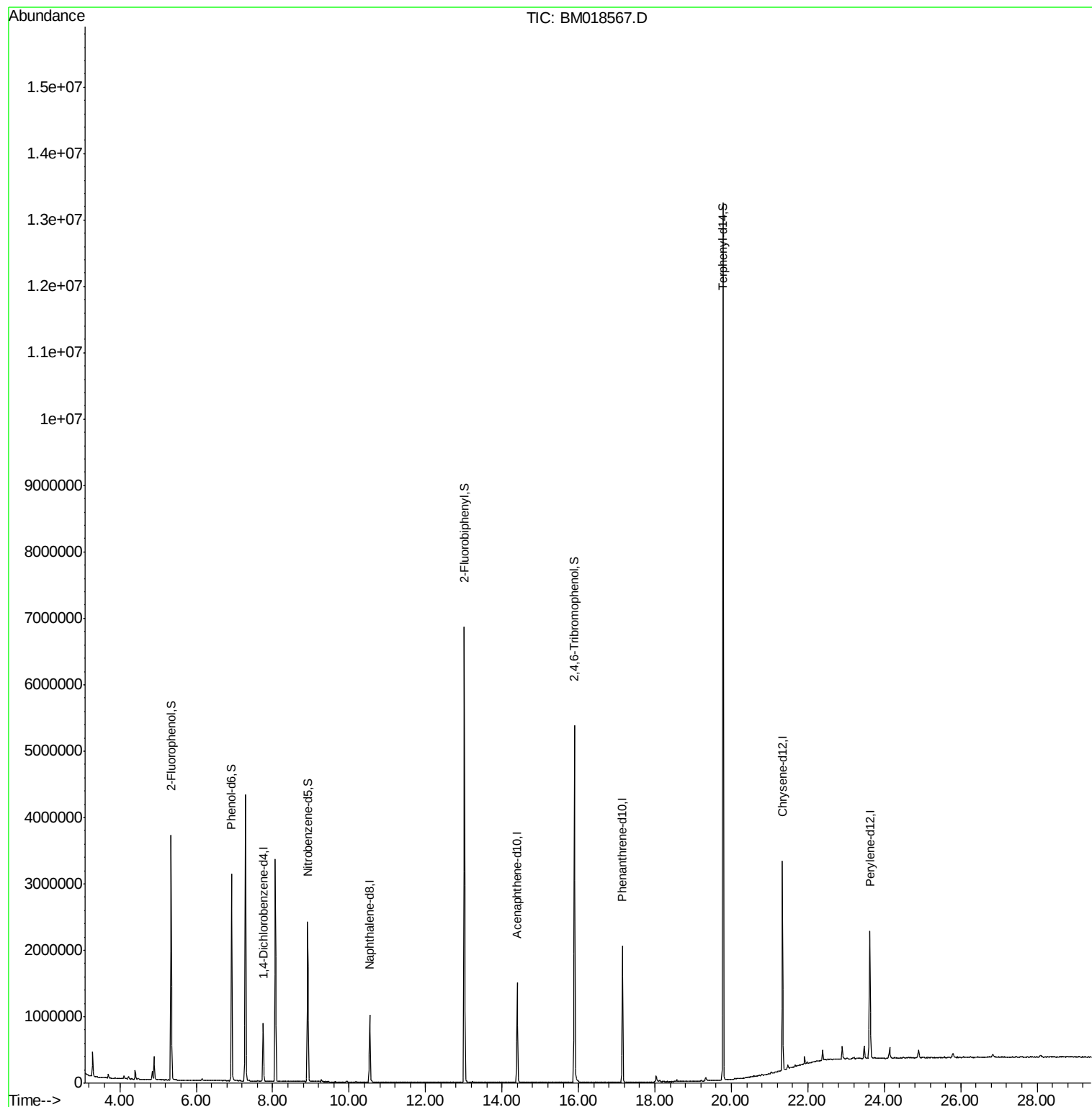
Target Compounds	Qvalue
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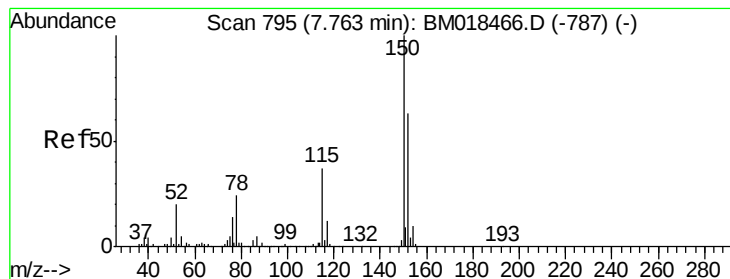
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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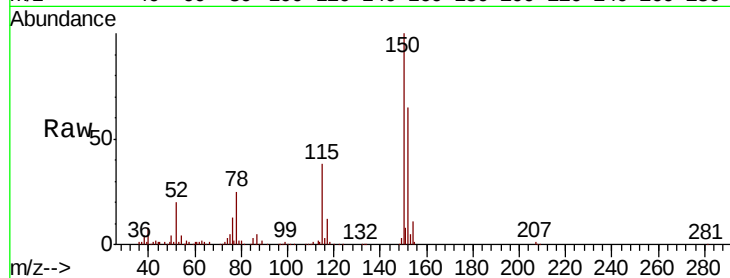




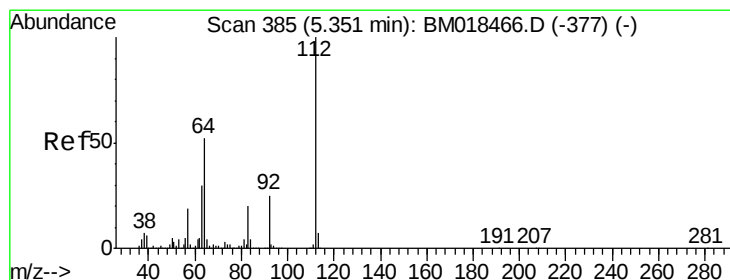
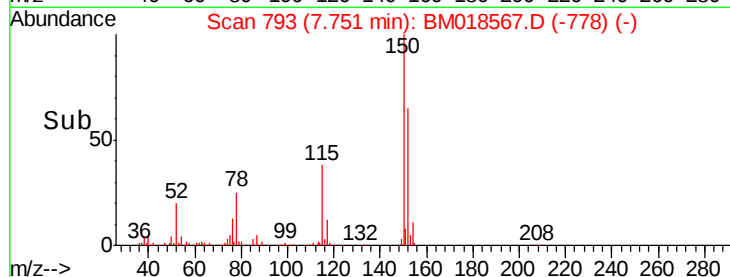
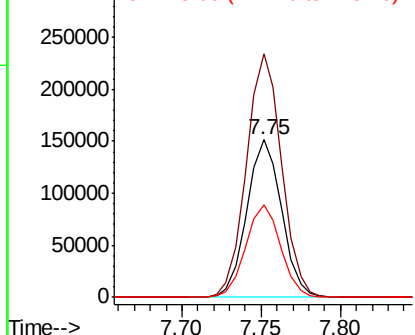
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BM018567.D
 Acq: 15 Jan 2019 18:53

Instrument :
 BNA_M
 ClientSampleId :
 S-3

Tgt Ion:152 Resp: 231466
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.9 190.3
 115 58.6 45.5 68.3

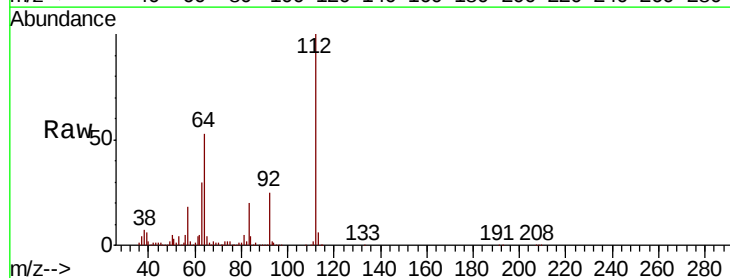


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

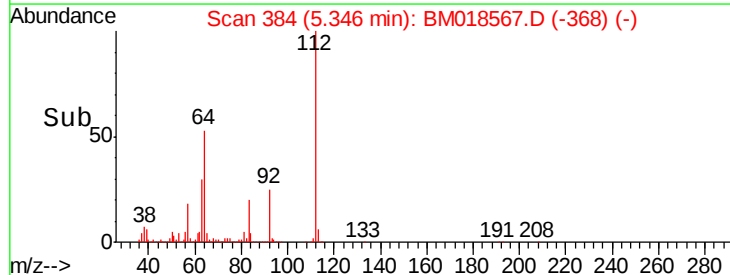
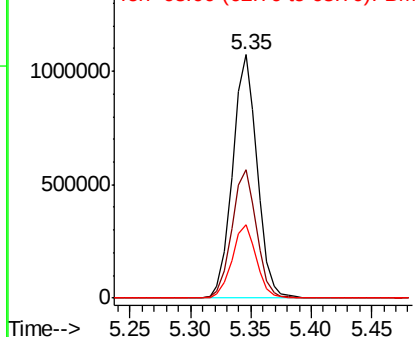


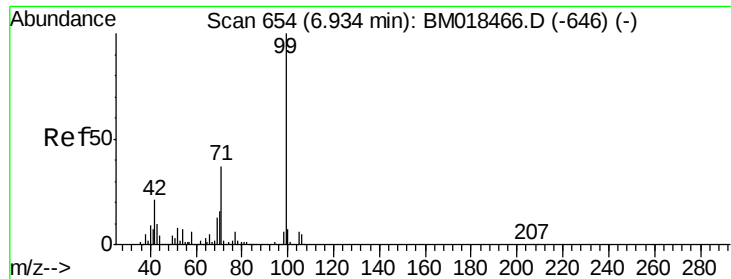
#5
 2-Fluorophenol
 Concen: 121.279 ng
 RT: 5.35 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: BM018567.D
 Acq: 15 Jan 2019 18:53

Tgt Ion:112 Resp: 1520292
 Ion Ratio Lower Upper
 112 100
 64 52.9 46.5 69.7
 63 29.9 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: 104.562 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018567.D

Acq: 15 Jan 2019 18:53

Instrument :

BNA_M

ClientSampleId :

S-3

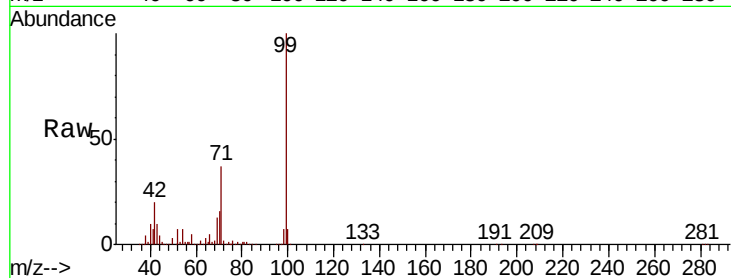
Tgt Ion: 99 Resp: 1664783

Ion Ratio Lower Upper

99 100

42 20.3 17.3 25.9

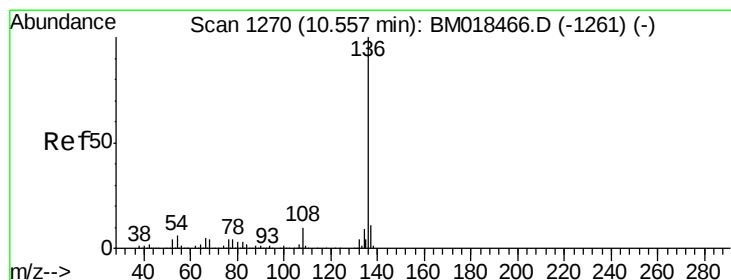
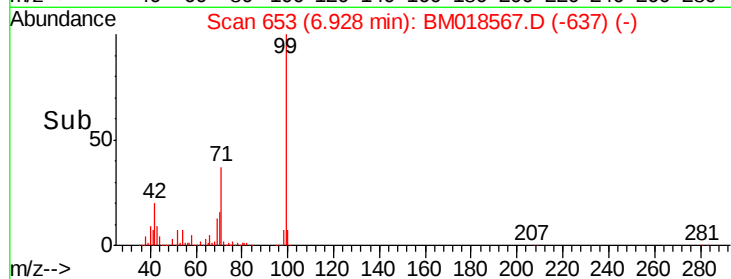
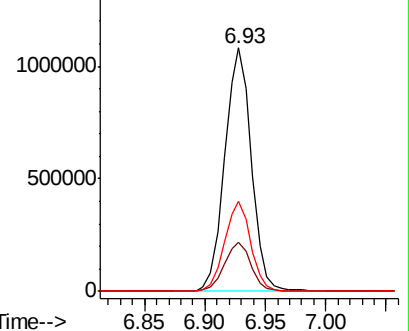
71 36.8 28.0 42.0



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: BM018567.D

Acq: 15 Jan 2019 18:53

Tgt Ion: 136 Resp: 881420

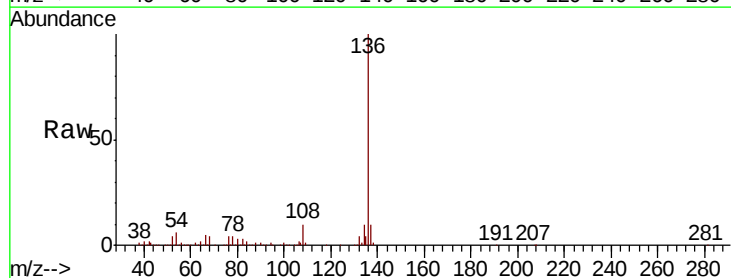
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.2 6.0 9.0

68 4.3 4.5 6.7#

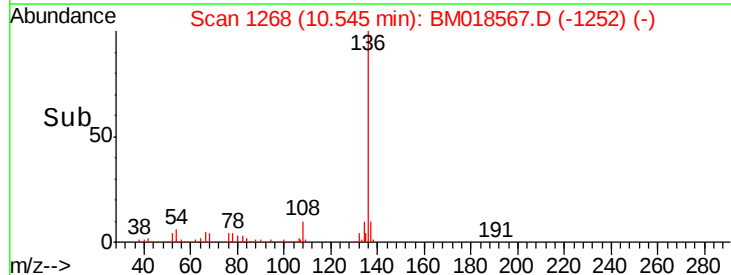
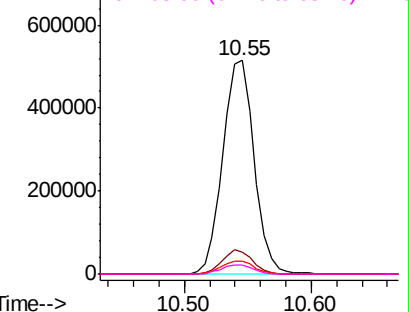


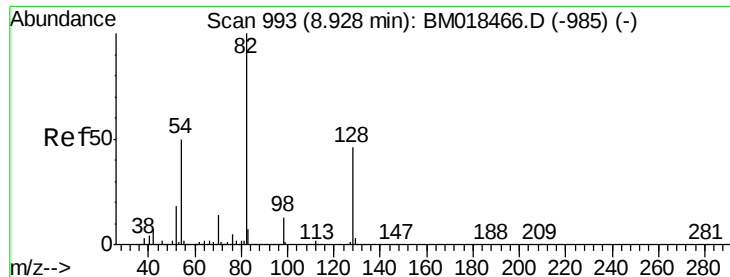
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

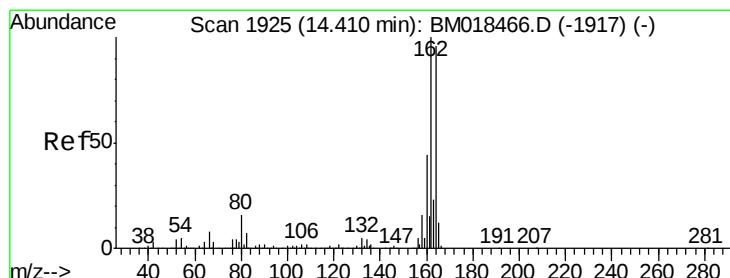
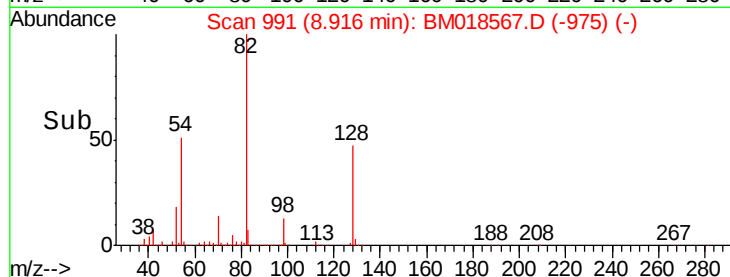
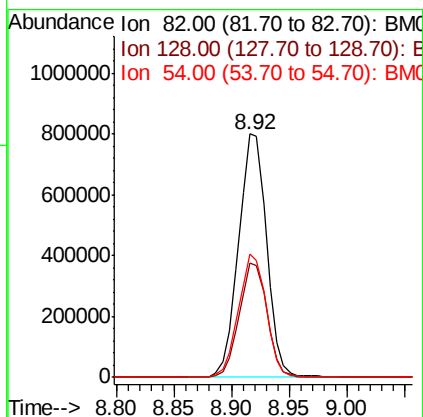
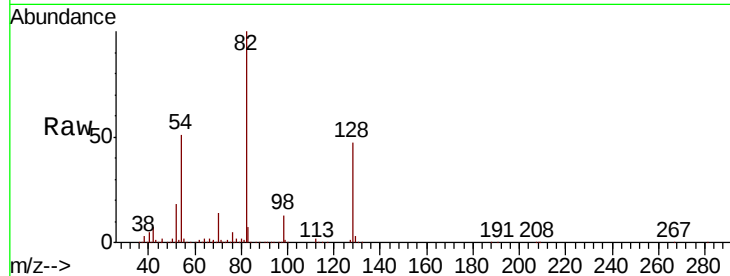




#23
Nitrobenzene-d5
Concen: 89.204 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018567.D
Acq: 15 Jan 2019 18:53

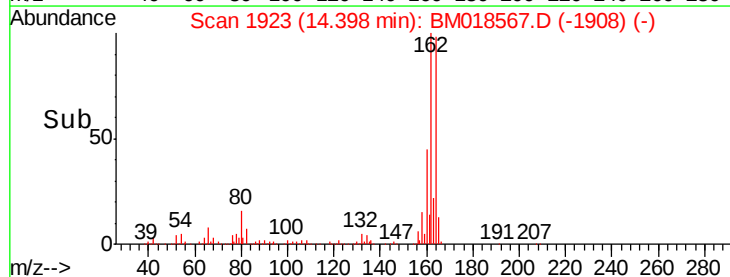
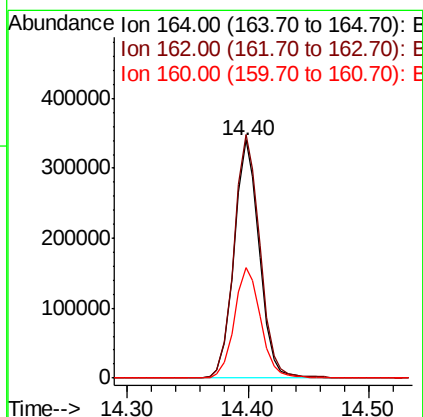
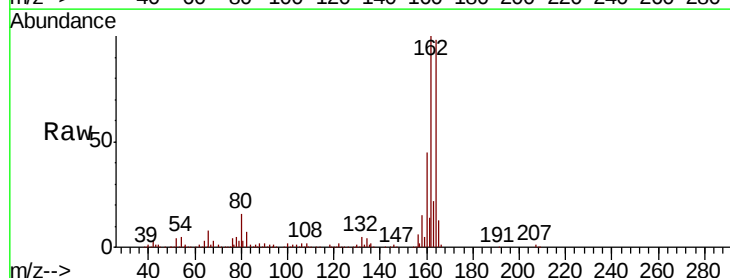
Instrument :
BNA_M
ClientSampled :
S-3

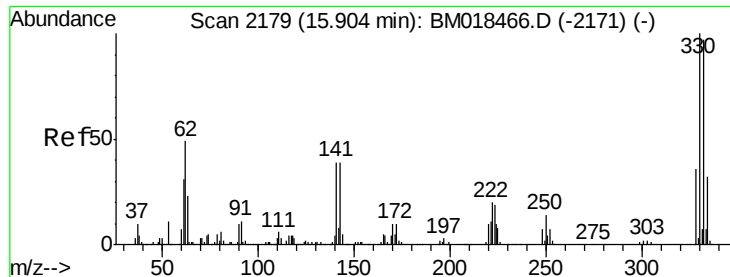
Tgt Ion: 82 Resp: 1356302
Ion Ratio Lower Upper
82 100
128 46.8 36.3 54.5
54 50.7 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018567.D
Acq: 15 Jan 2019 18:53

Tgt Ion: 164 Resp: 495507
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.4
160 46.2 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 153.920 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018567.D

Acq: 15 Jan 2019 18:53

Instrument :

BNA_M

ClientSampleId :

S-3

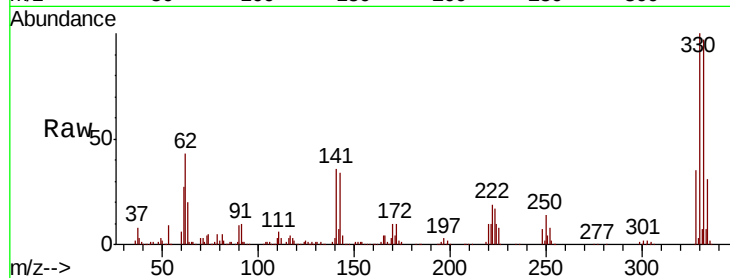
Tgt Ion:330 Resp: 971111

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 38.9 31.7 47.5

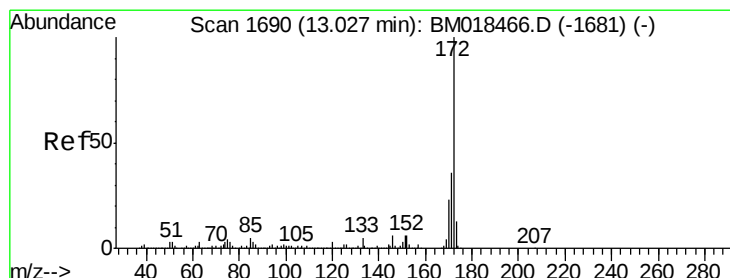
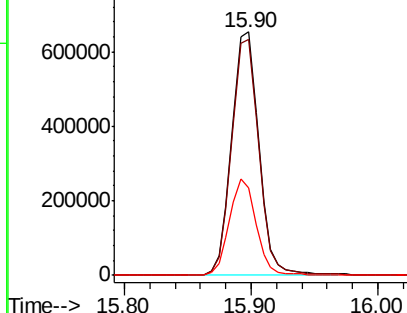
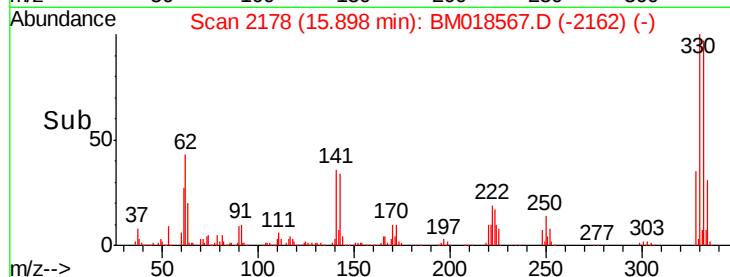


Abundance

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: 89.150 ng

RT: 13.02 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BM018567.D

Acq: 15 Jan 2019 18:53

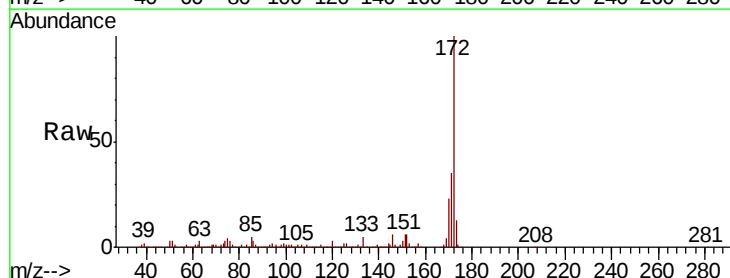
Tgt Ion:172 Resp: 3385374

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.2 18.9 28.3

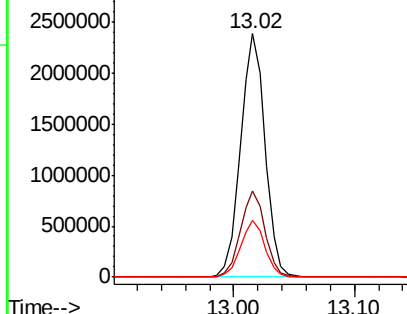
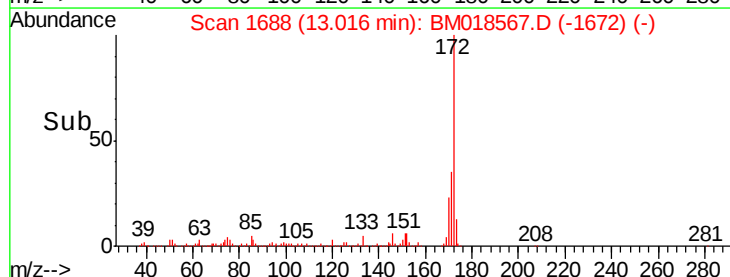


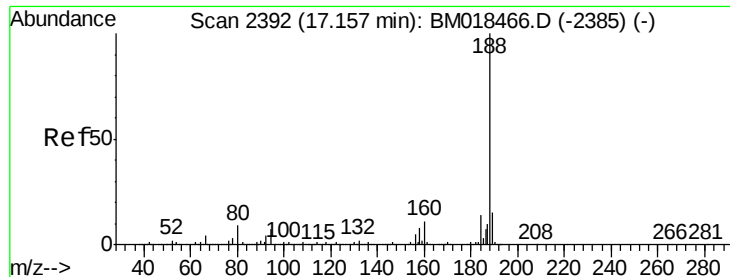
Abundance

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: BM018567.D

Acq: 15 Jan 2019 18:53

Instrument :

BNA_M

ClientSampled :

S-3

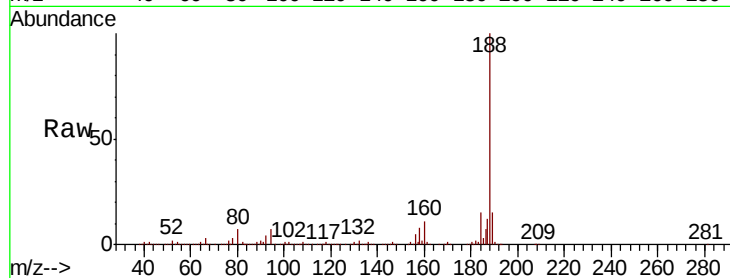
Tgt Ion:188 Resp: 1191405

Ion Ratio Lower Upper

188 100

94 7.0 7.1 10.7#

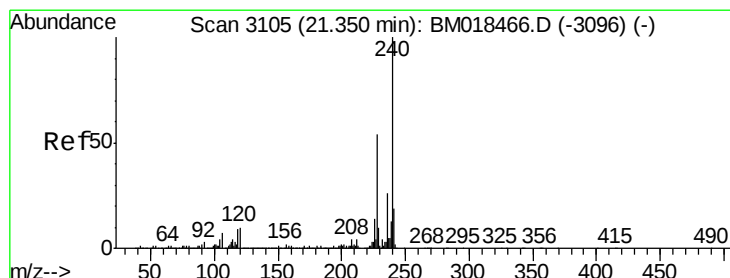
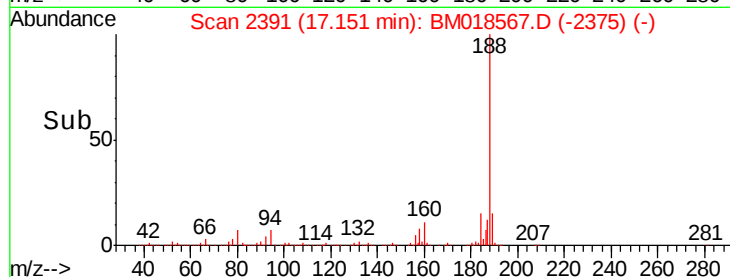
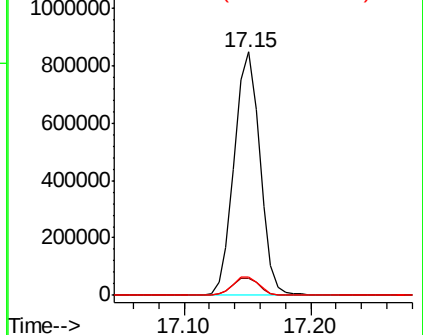
80 7.5 7.6 11.4#



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# 3103

Delta R.T. -0.01 min

Lab File: BM018567.D

Acq: 15 Jan 2019 18:53

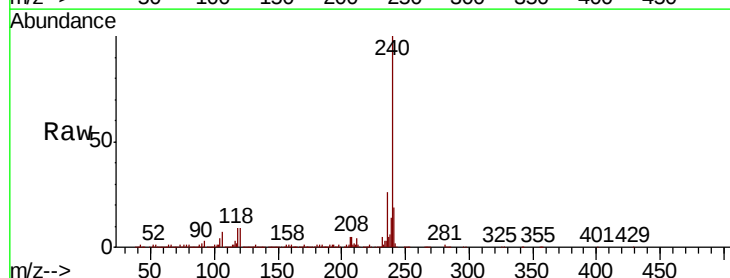
Tgt Ion:240 Resp: 1394668

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

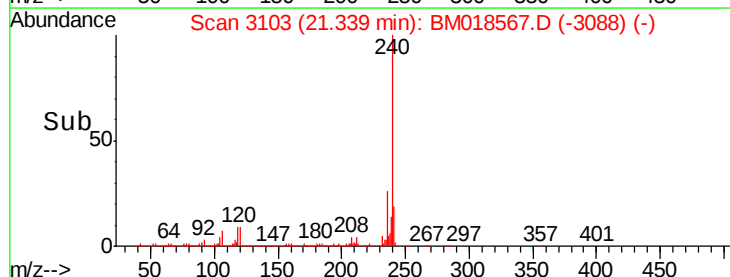
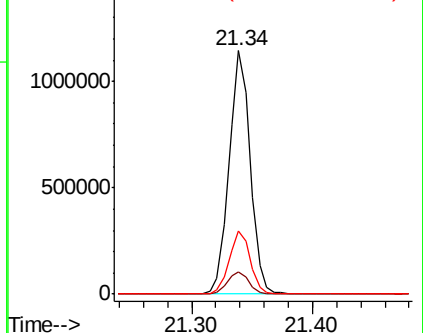
236 25.8 20.7 31.1

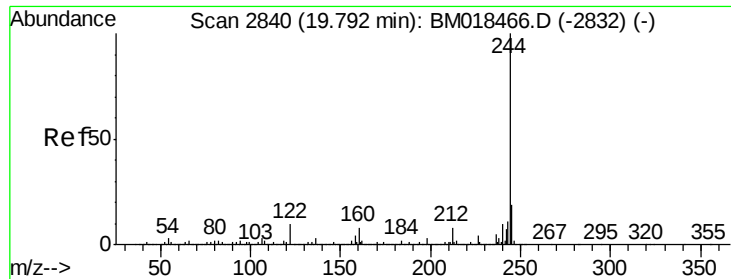


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.449 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018567.D

Acq: 15 Jan 2019 18:53

Instrument :

BNA_M

ClientSampleId :

S-3

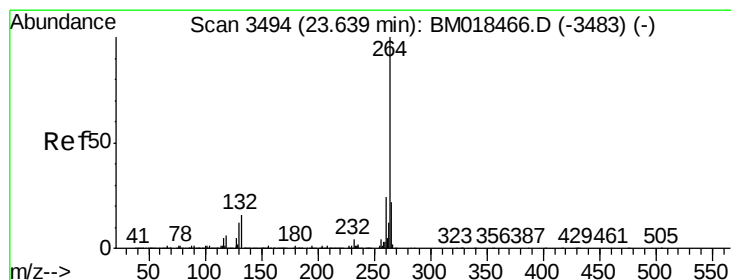
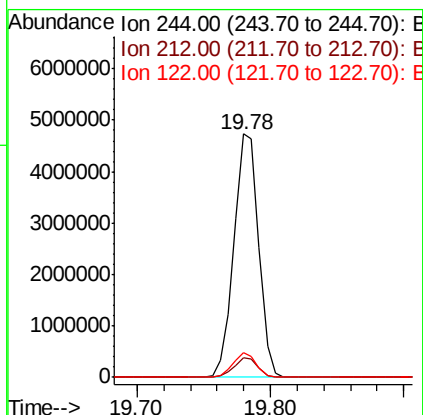
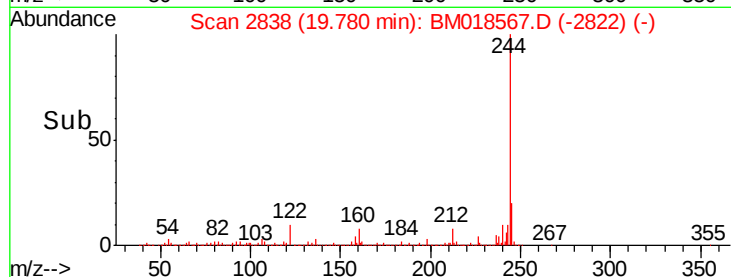
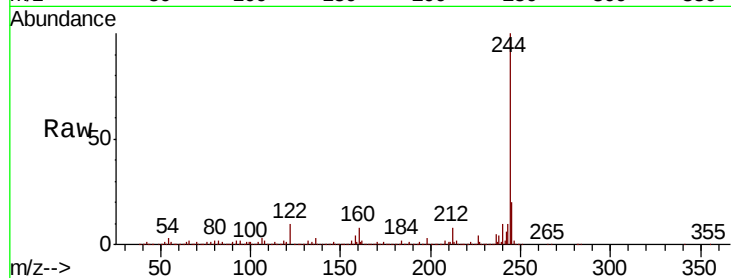
Tgt Ion:244 Resp: 6116418

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.0 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM018567.D

Acq: 15 Jan 2019 18:53

Tgt Ion:264 Resp: 1427481

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.6 16.8 25.2

