

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011519\
 Data File : BM018569.D
 Acq On : 15 Jan 2019 20:05
 Operator : JU/SJ
 Sample : K1139-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-5

Quant Time: Jan 16 00:07:26 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	201691	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	762431	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	425780	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1028602	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1245377	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1329602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1439612	131.80	ng	0.00
7) Phenol-d6	6.93	99	1588332	114.49	ng	0.00
23) Nitrobenzene-d5	8.92	82	1266055	96.26	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	894062	164.91	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3124563	95.76	ng	0.00
79) Terphenyl-d14	19.78	244	5690495	96.32	ng	0.00

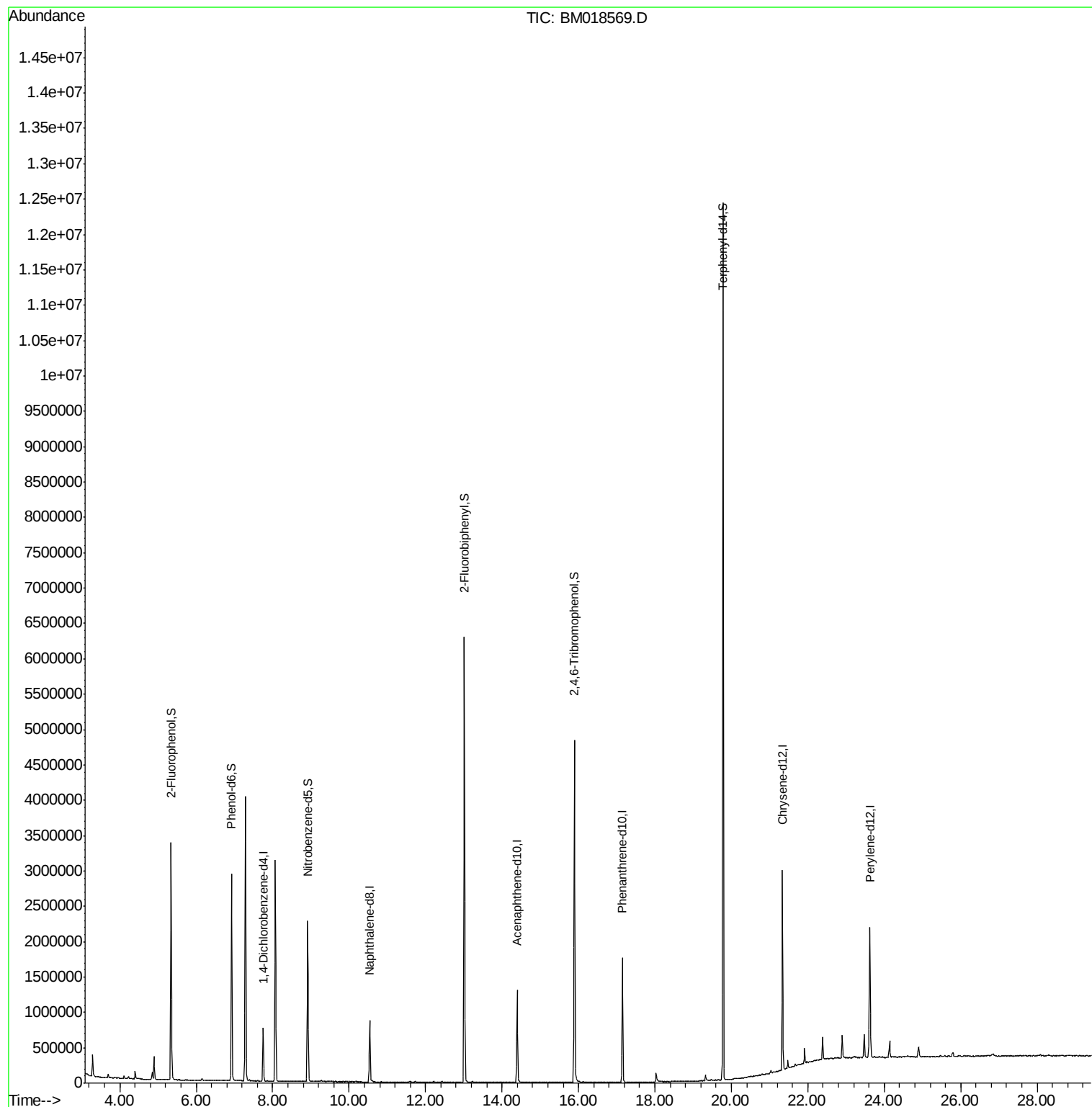
Target Compounds	Qvalue
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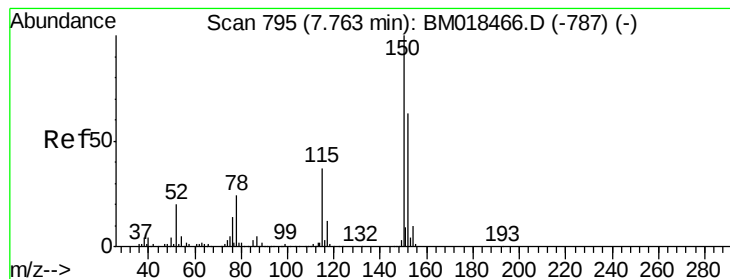
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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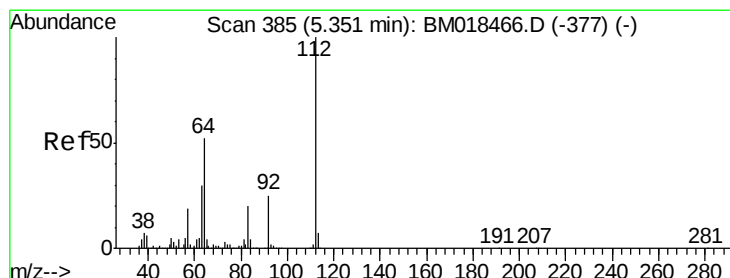
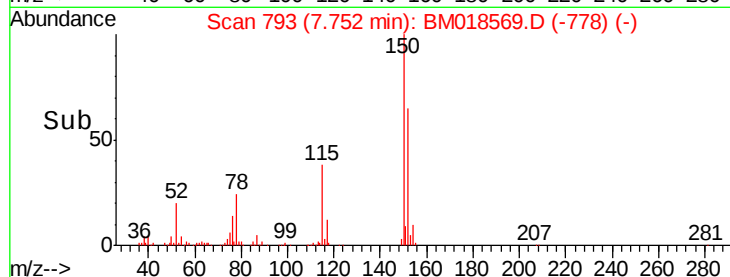
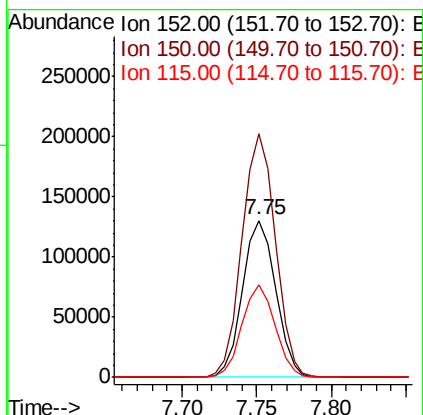
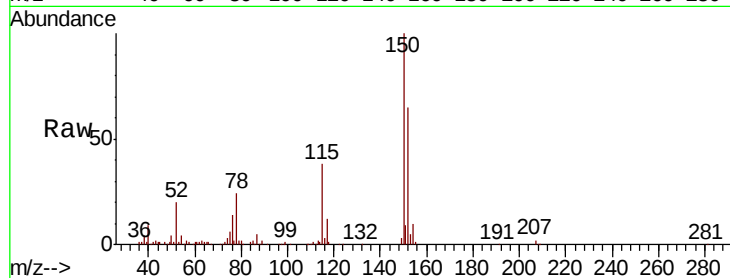


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampled :
S-5

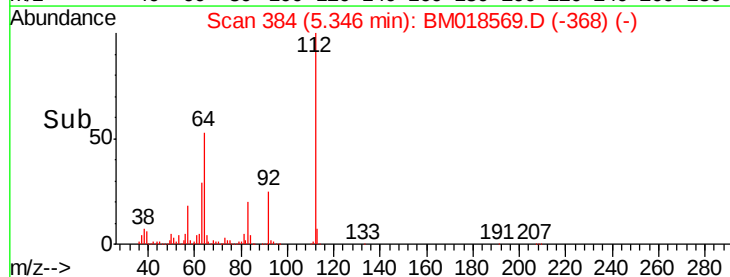
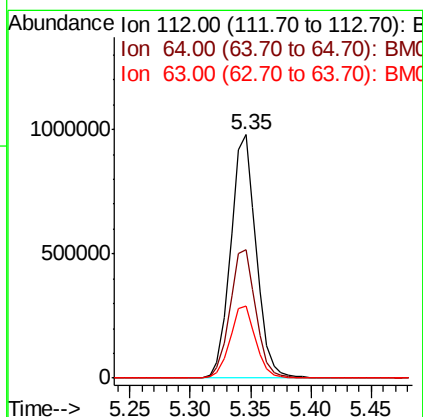
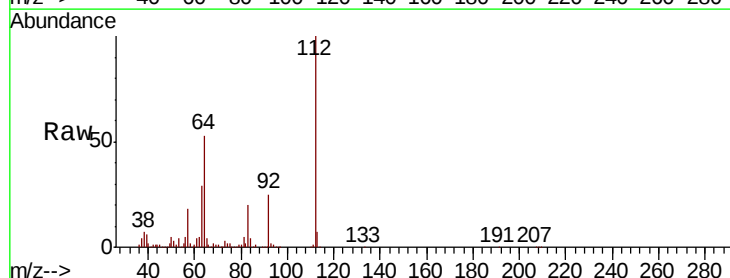
Tgt Ion:152 Resp: 201691
Ion Ratio Lower Upper
152 100
150 154.9 126.9 190.3
115 58.8 45.5 68.3

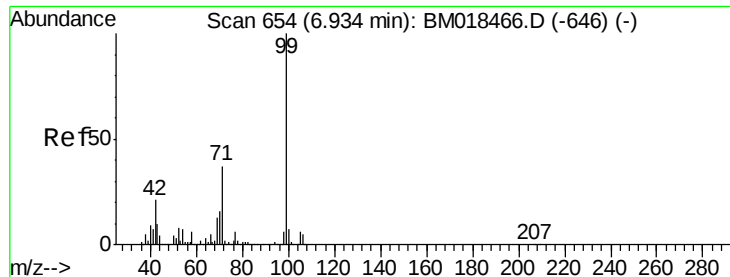


#5

2-Fluorophenol
Concen: 131.797 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:112 Resp: 1439612
Ion Ratio Lower Upper
112 100
64 52.9 46.5 69.7
63 29.4 25.2 37.8





#7

Phenol-d6

Concen: 114.487 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018569.D

Acq: 15 Jan 2019 20:05

Instrument :

BNA_M

ClientSampled :

S-5

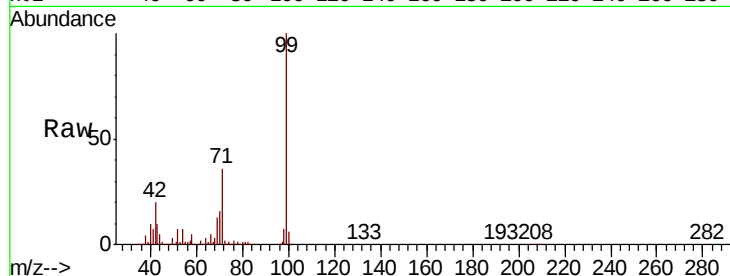
Tgt Ion: 99 Resp: 1588332

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

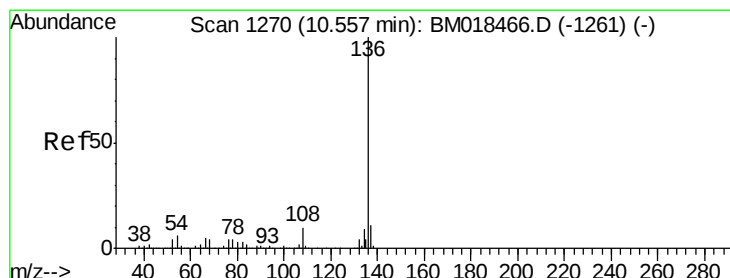
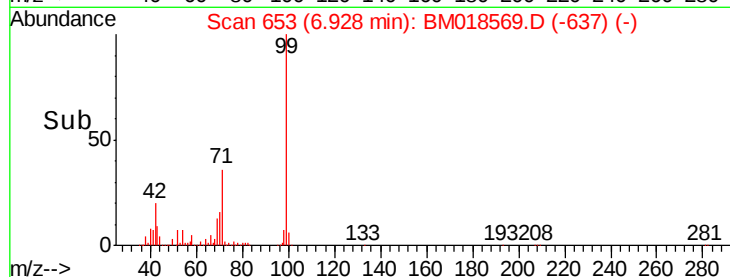
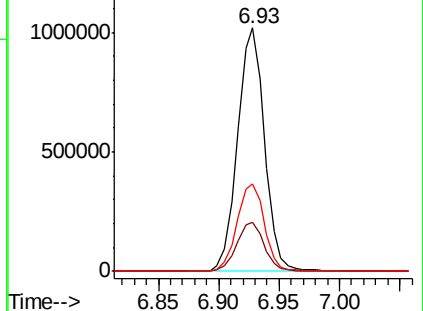
71 35.9 28.0 42.0



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: BM018569.D

Acq: 15 Jan 2019 20:05

Tgt Ion: 136 Resp: 762431

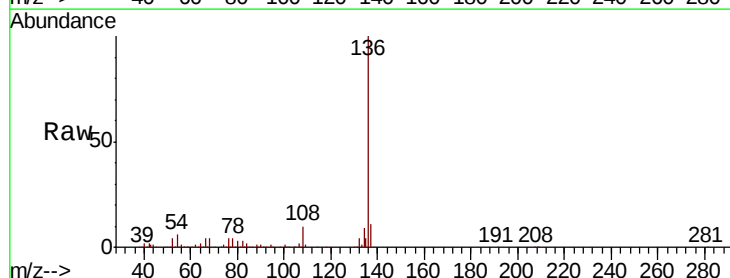
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.0 6.0 9.0#

68 4.5 4.5 6.7#

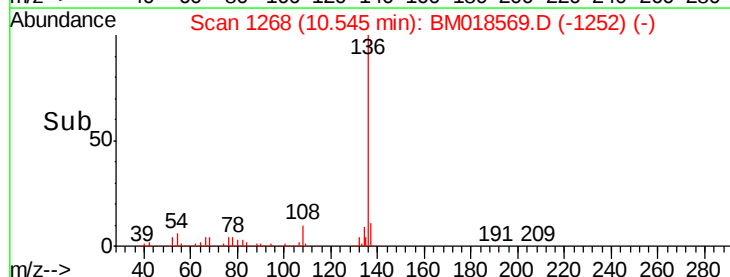
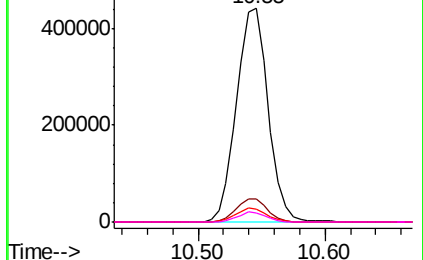


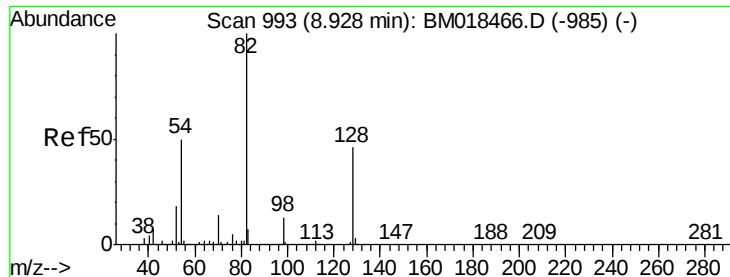
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

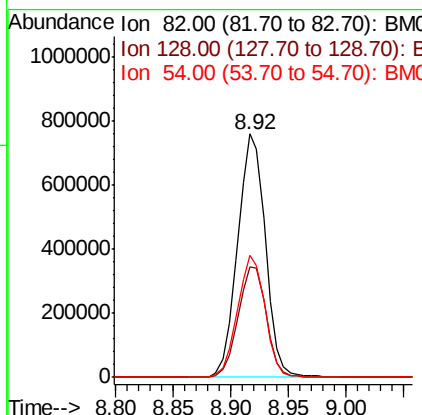
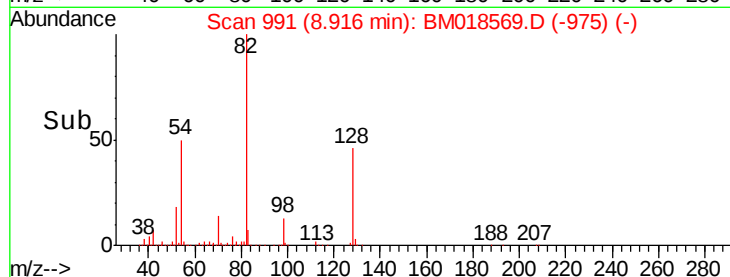
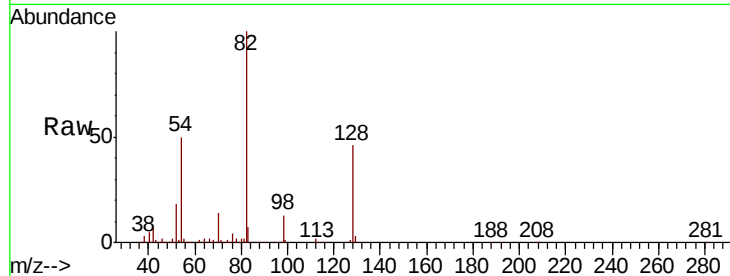




#23
 Nitrobenzene-d5
 Concen: 96.264 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018569.D
 Acq: 15 Jan 2019 20:05

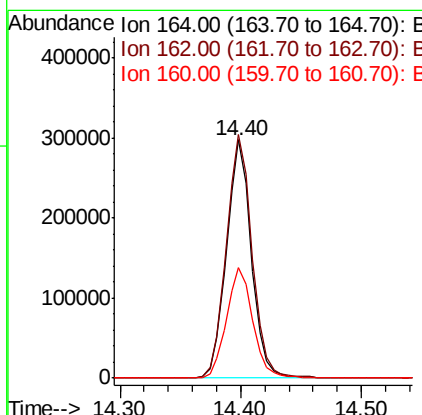
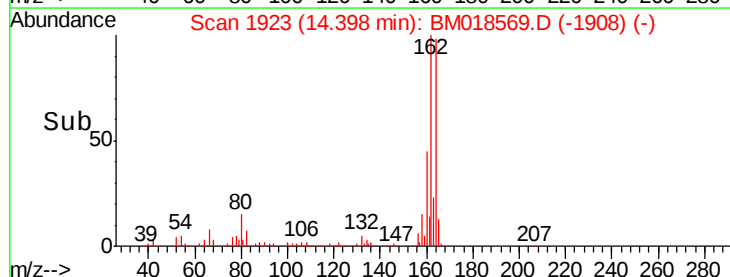
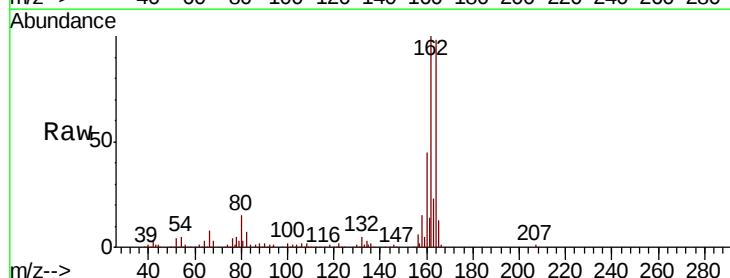
Instrument :
 BNA_M
 ClientSampleId :
 S-5

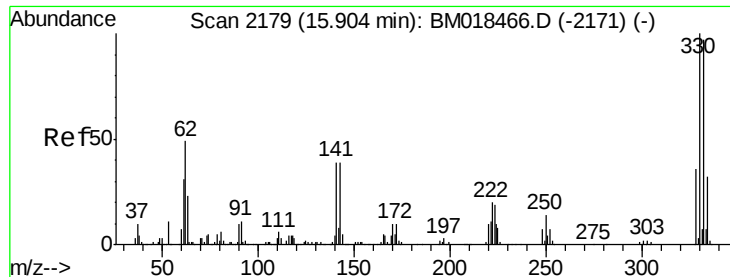
Tgt Ion: 82 Resp: 1266055
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.3 54.5
 54 50.3 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BM018569.D
 Acq: 15 Jan 2019 20:05

Tgt Ion: 164 Resp: 425780
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.0 124.4
 160 46.5 37.1 55.7

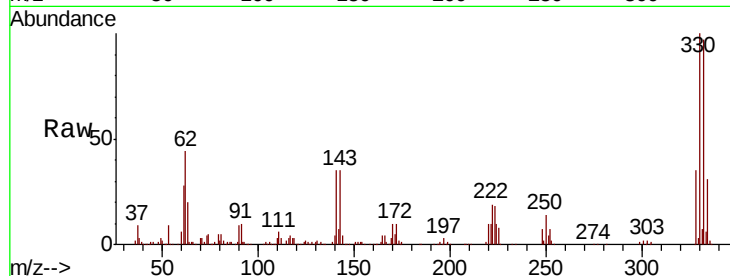




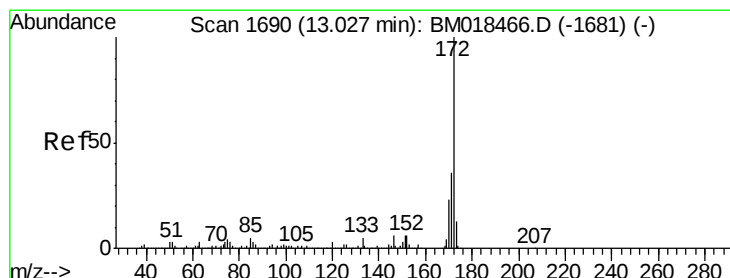
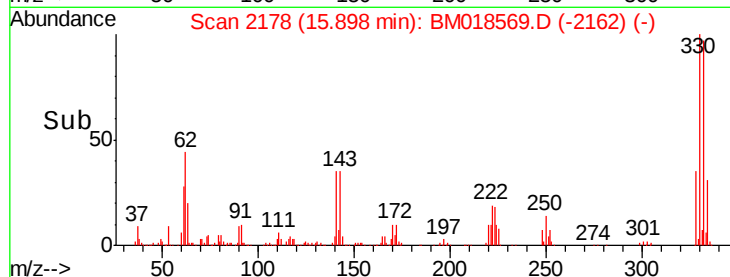
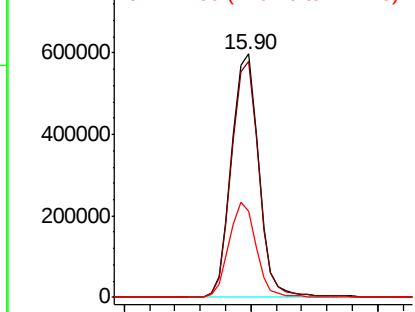
#42
 2,4,6-Tribromophenol
 Concen: 164.914 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018569.D
 Acq: 15 Jan 2019 20:05

Instrument :
 BNA_M
 ClientSampleId :
 S-5

Tgt Ion:330 Resp: 894062
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.6 116.4
 141 39.1 31.7 47.5

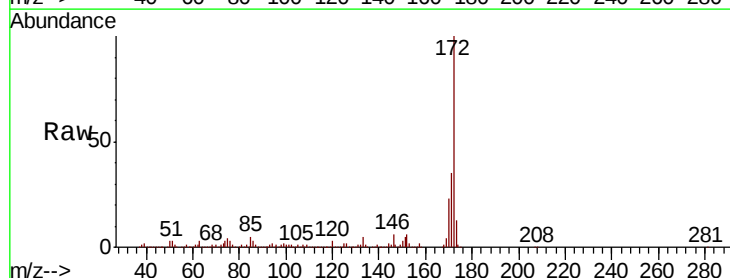


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

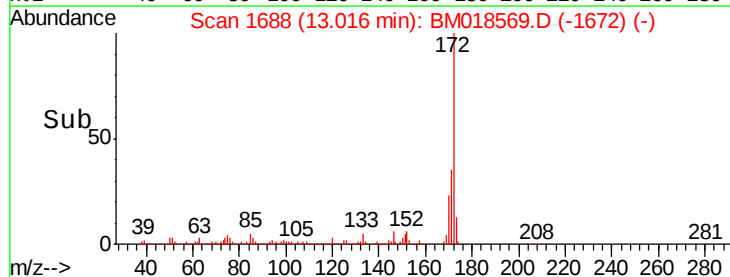
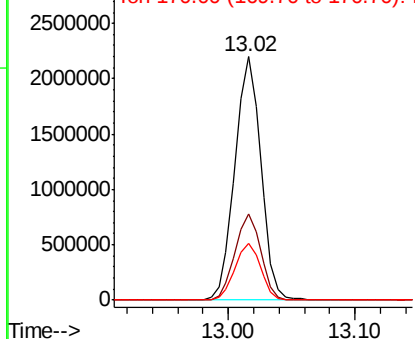


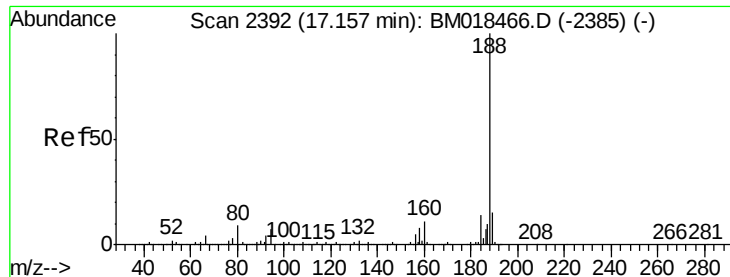
#45
 2-Fluorobiphenyl
 Concen: 95.757 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018569.D
 Acq: 15 Jan 2019 20:05

Tgt Ion:172 Resp: 3124563
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.4 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

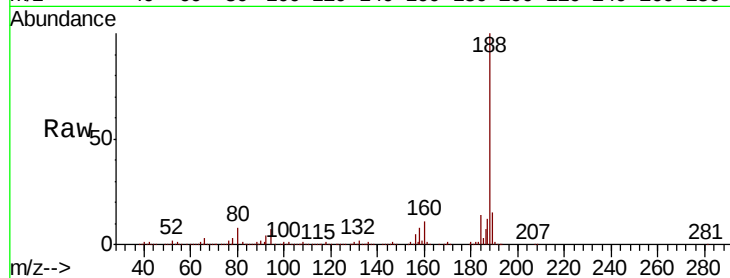




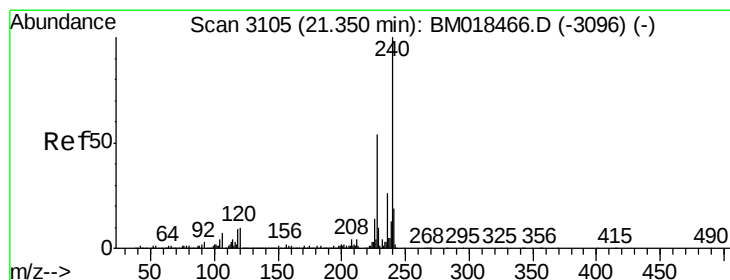
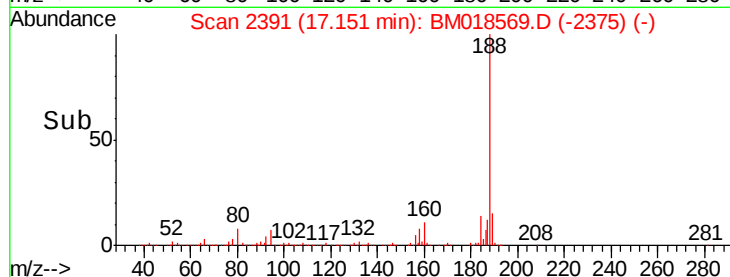
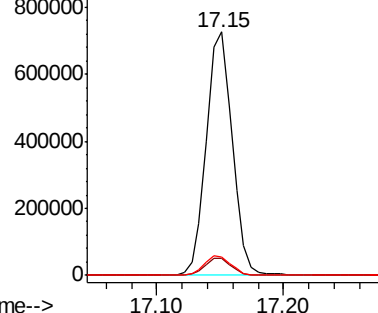
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampleId :
S-5

Tgt Ion:188 Resp: 1028602
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.6 7.6 11.4

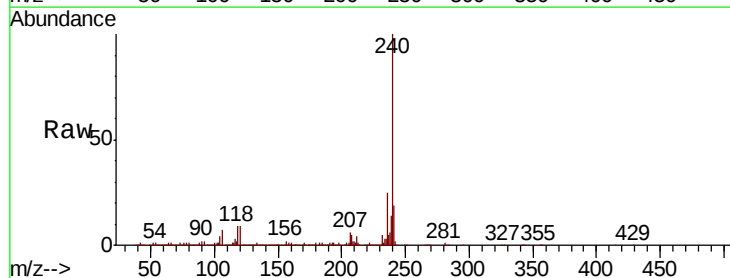


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

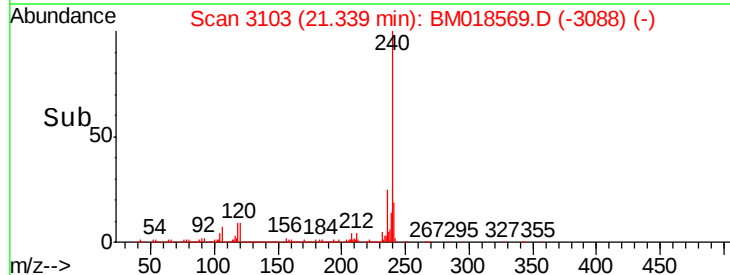
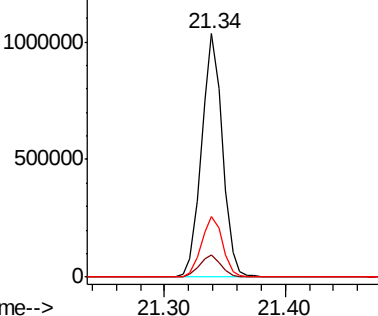


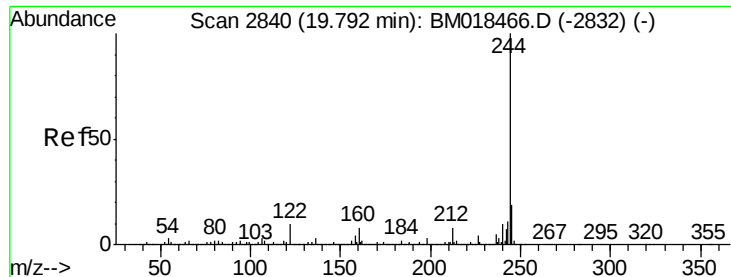
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:240 Resp: 1245377
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.1 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: 96.322 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018569.D

Acq: 15 Jan 2019 20:05

Instrument :

BNA_M

ClientSampleId :

S-5

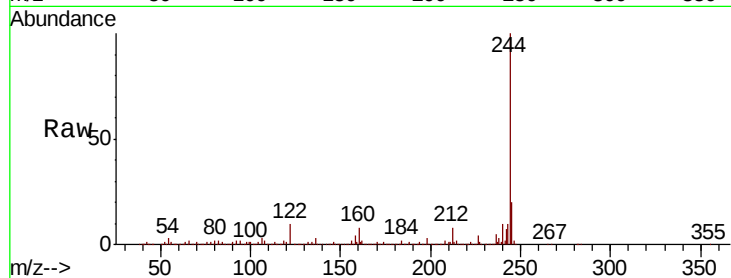
Tgt Ion:244 Resp: 5690495

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

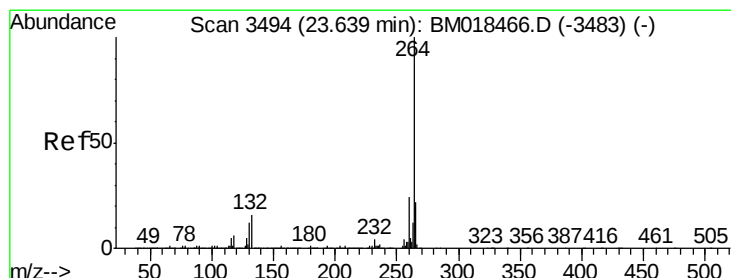
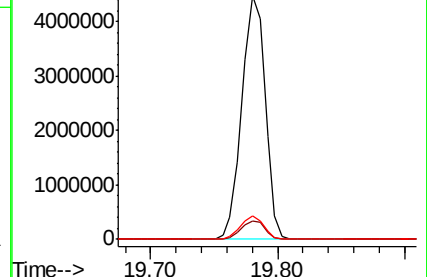
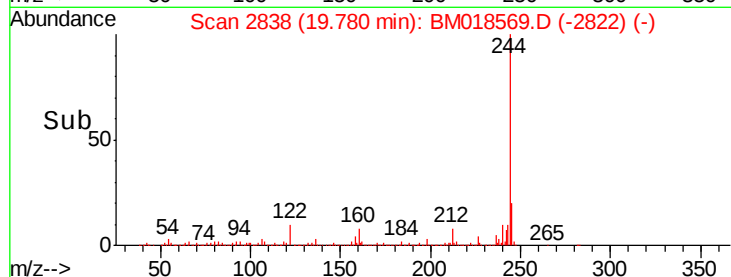
122 9.9 9.0 13.4



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: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM018569.D

Acq: 15 Jan 2019 20:05

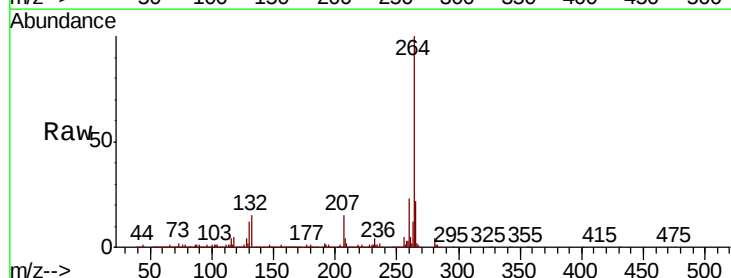
Tgt Ion:264 Resp: 1329602

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.0 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

