

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018534.D
 Acq On : 11 Jan 2019 09:22
 Operator : JU/SJ
 Sample : K1085-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 10:26:23 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

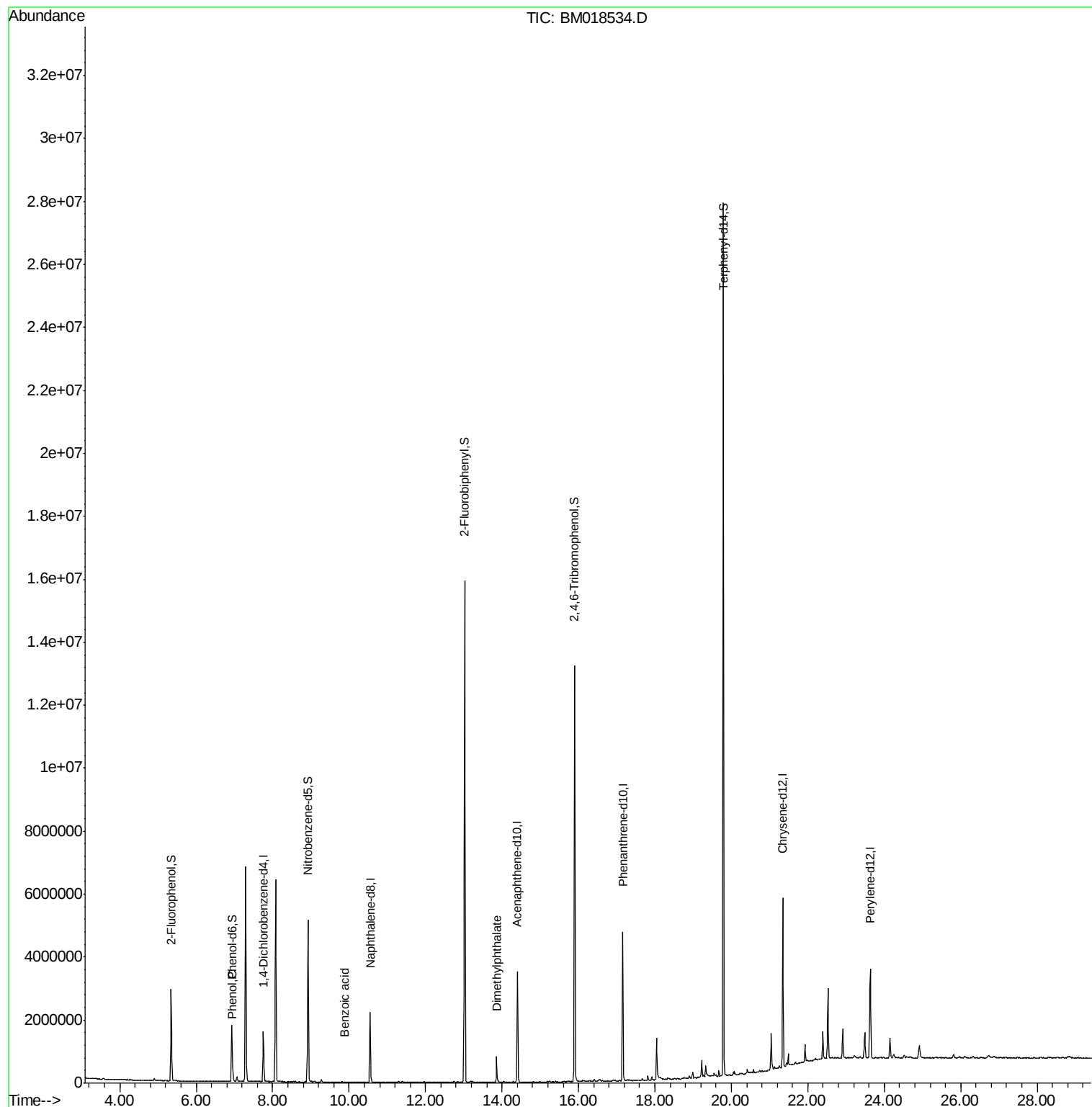
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	432828	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1879551	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1166373	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2771390	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2466546	20.00	ng	0.00
87) Perylene-d12	23.63	264	2128313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1246811	53.19	ng	0.00
7) Phenol-d6	6.93	99	992574	33.34	ng	0.00
23) Nitrobenzene-d5	8.93	82	2857948	88.15	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2290441	154.23	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	8191775	91.64	ng	0.00
79) Terphenyl-d14	19.79	244	11898125	101.69	ng	0.00
Target Compounds						
10) Phenol	6.96	94	174051	5.753	ng	96
32) Benzoic acid	9.89	122	177	6.512	ng	# 52
50) Dimethylphthalate	13.86	163	535262	5.588	ng	98

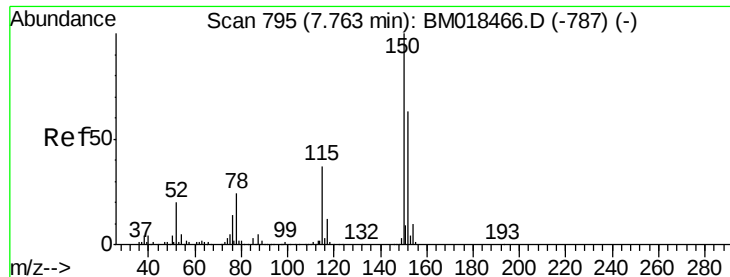
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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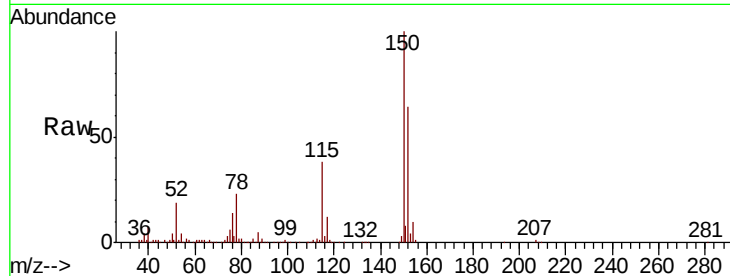


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018534.D
Acq: 11 Jan 2019 09:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	432828
Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.9	190.3
115	58.7	45.5	68.3

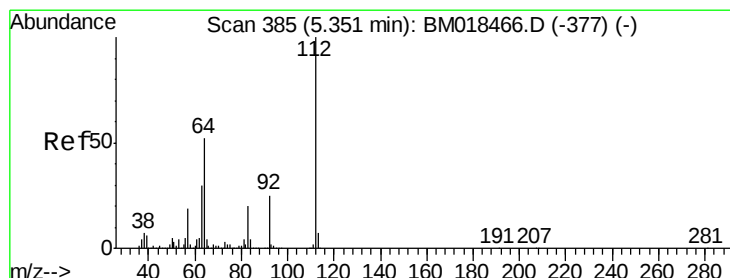
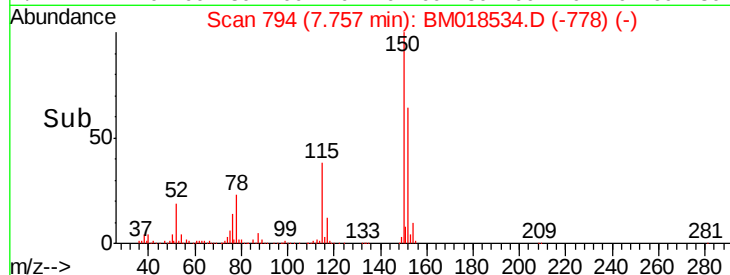
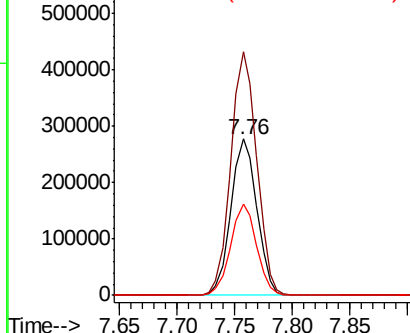


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

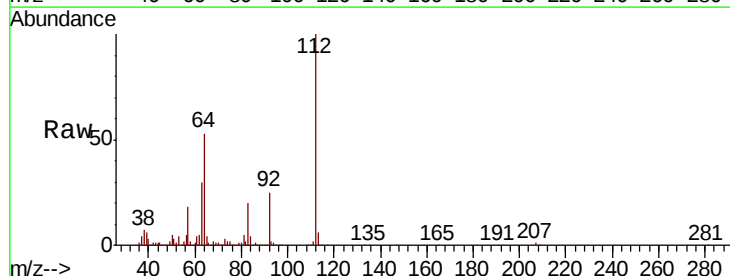
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.190 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018534.D
Acq: 11 Jan 2019 09:22

Tgt Ion	112	Resp	1246811
Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.5	69.7
63	29.9	25.2	37.8

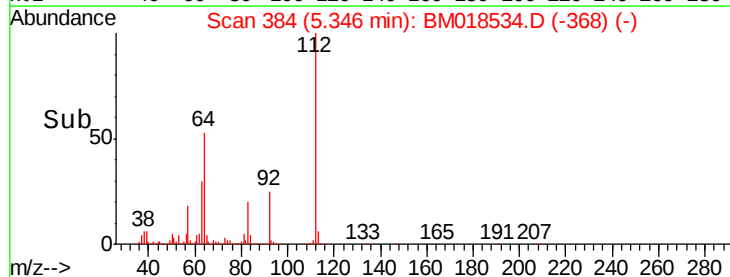
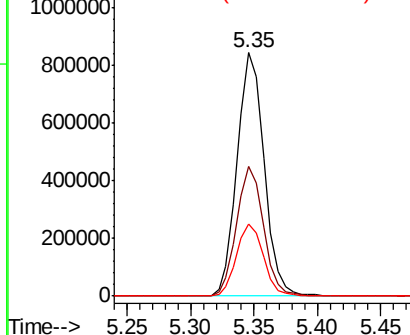


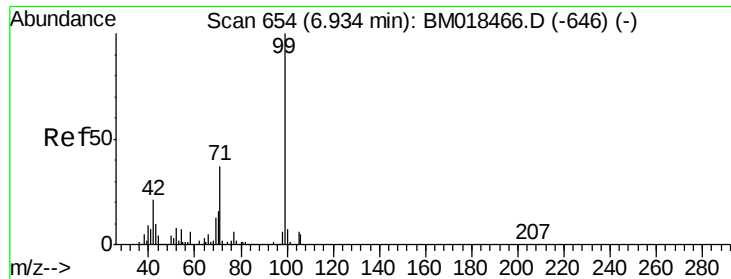
Abundance

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: 33.339 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

Instrument :

BNA_M

ClientSampleId :

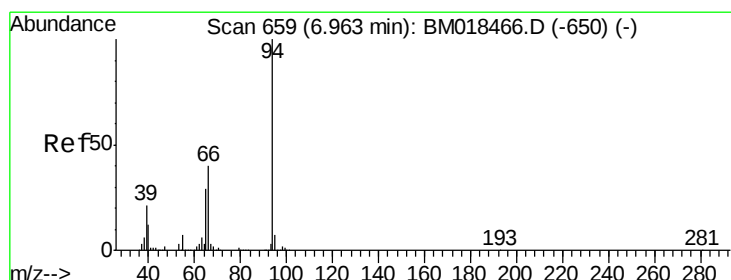
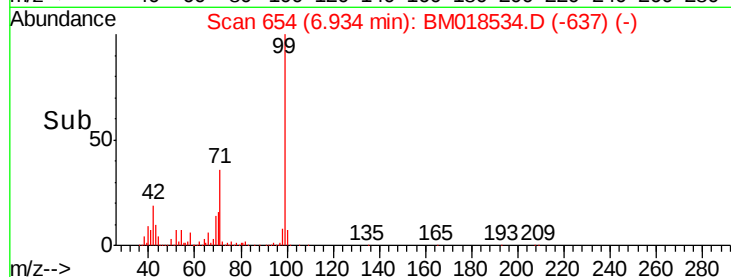
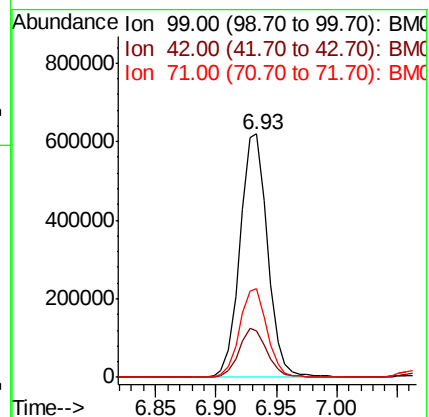
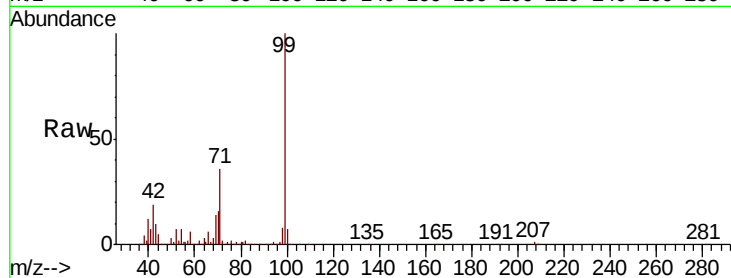
Tot Ion: 99 Resp: 992574

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

71 36.3 28.0 42.0



#10

Phenol

Concen: 5.753 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

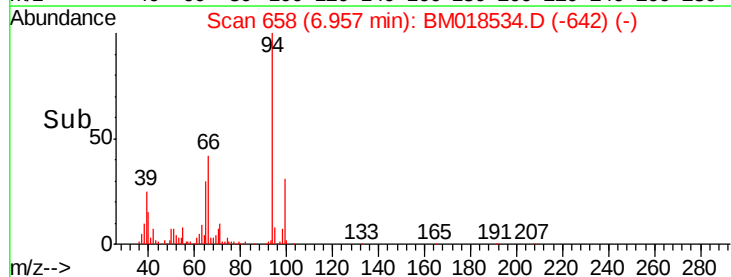
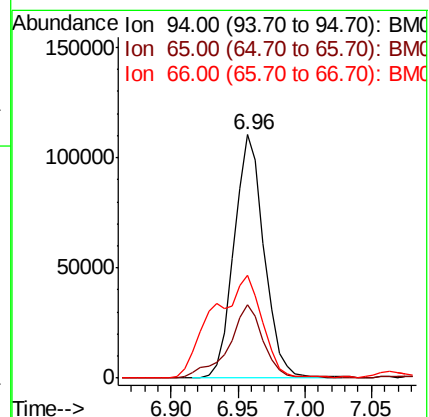
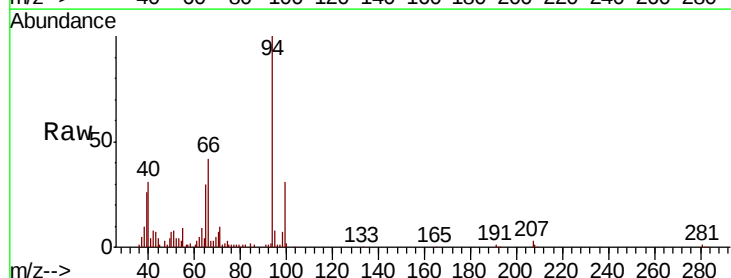
Tgt Ion: 94 Resp: 174051

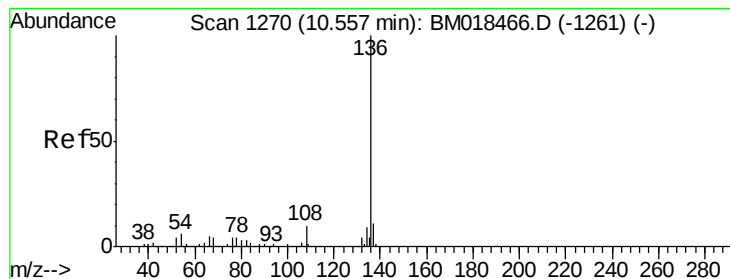
Ion Ratio Lower Upper

94 100

65 30.4 9.4 49.4

66 42.0 19.1 59.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1879551

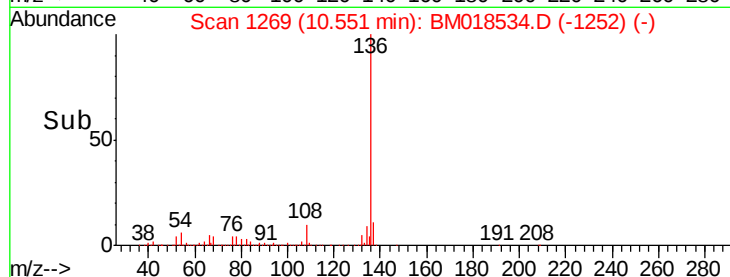
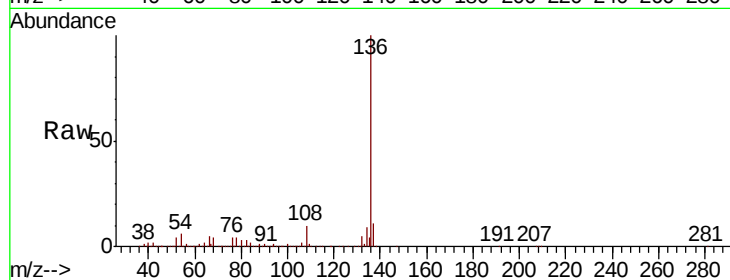
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.3 6.0 9.0

68 4.4 4.5 6.7#

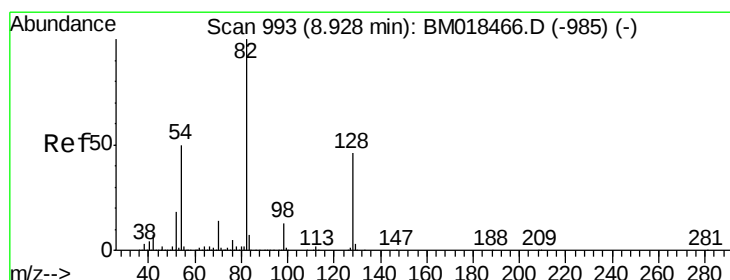
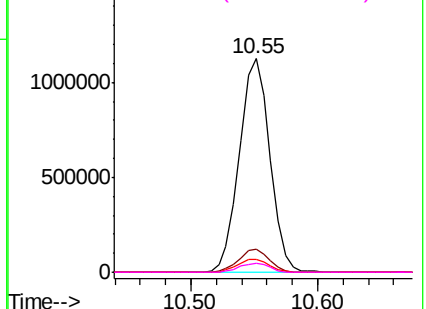


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 88.148 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

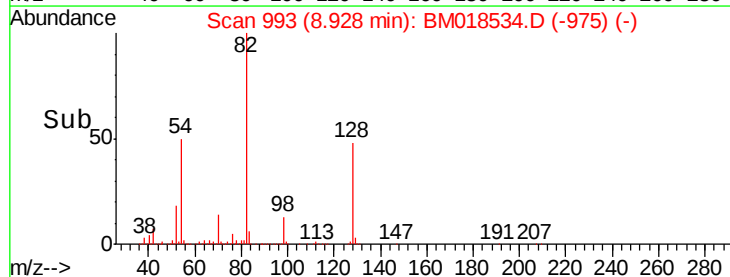
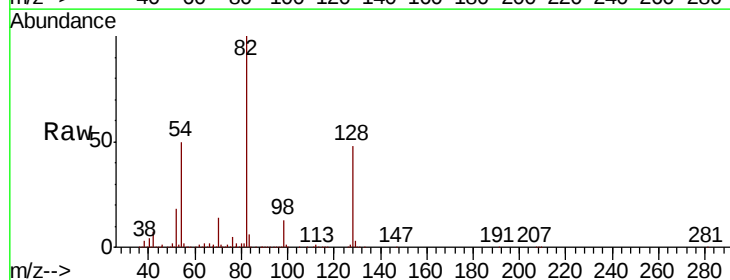
Tgt Ion: 82 Resp: 2857948

Ion Ratio Lower Upper

82 100

128 47.8 36.3 54.5

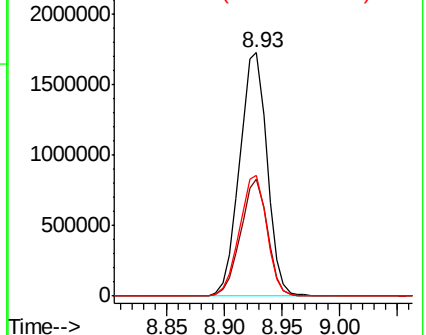
54 49.5 41.7 62.5

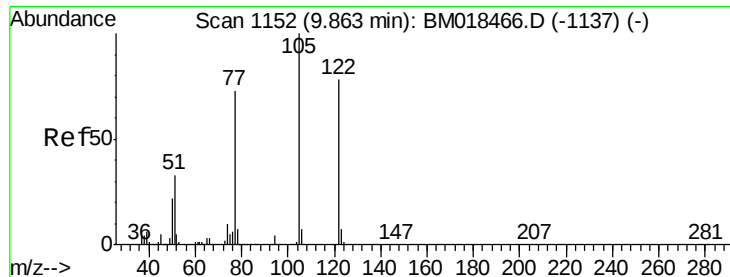


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

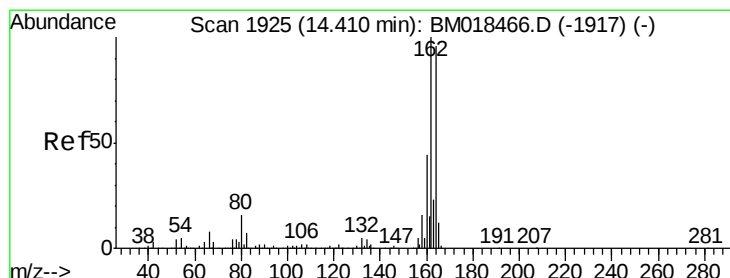
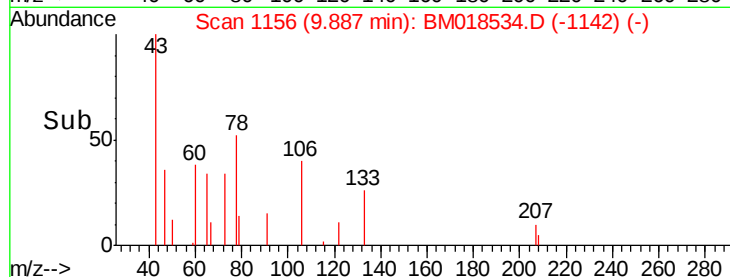
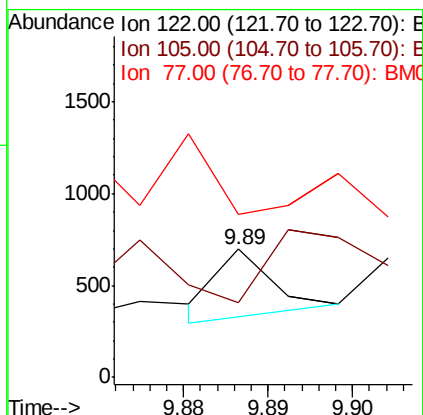
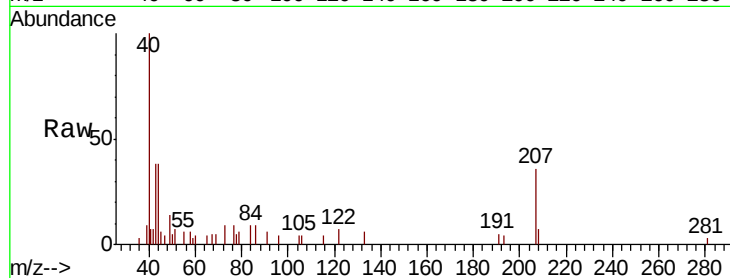




#32
Benzoic acid
Concen: 6.512 ng
RT: 9.89 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BM018534.D
Acq: 11 Jan 2019 09:22

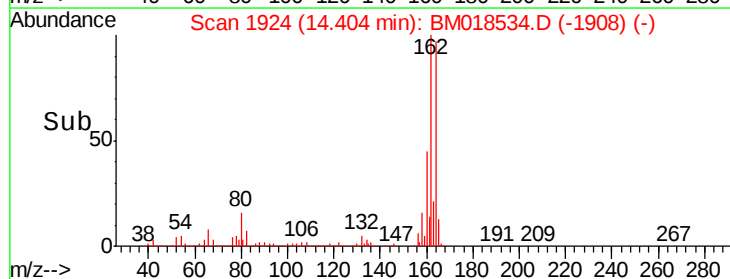
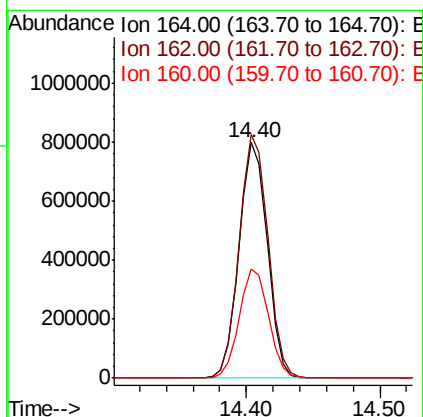
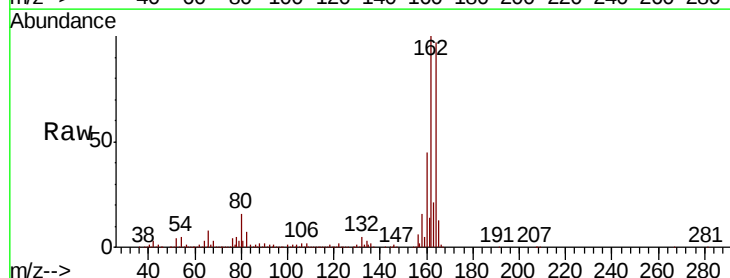
Instrument :
BNA_M
ClientSampled :

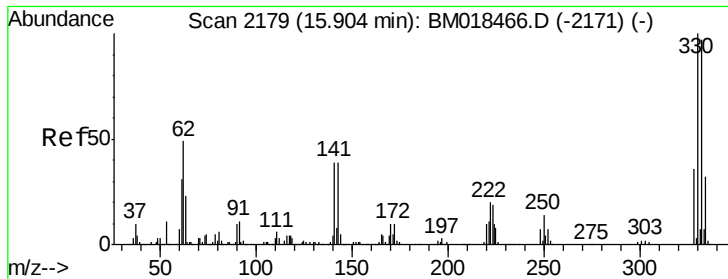
Tot Ion:122 Resp: 177
Ion Ratio Lower Upper
122 100
105 58.6 100.4 140.4#
77 127.0 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018534.D
Acq: 11 Jan 2019 09:22

Tgt Ion:164 Resp: 1166373
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.4
160 46.2 37.1 55.7

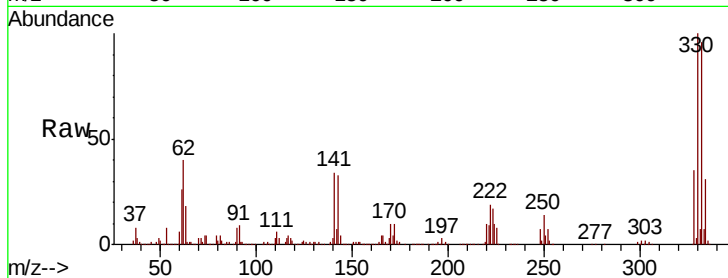




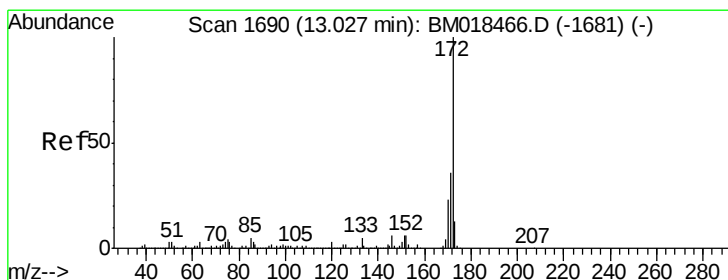
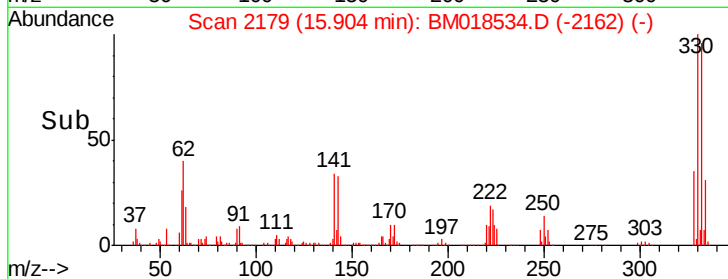
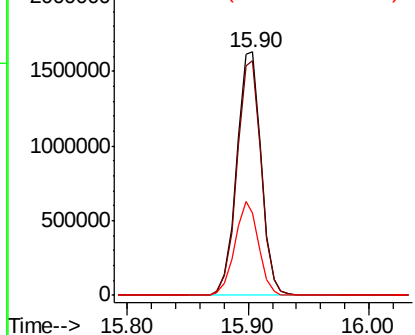
#42
 2,4,6-Tribromophenol
 Concen: 154.226 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM018534.D
 Acq: 11 Jan 2019 09:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 2290441
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 37.6 31.7 47.5

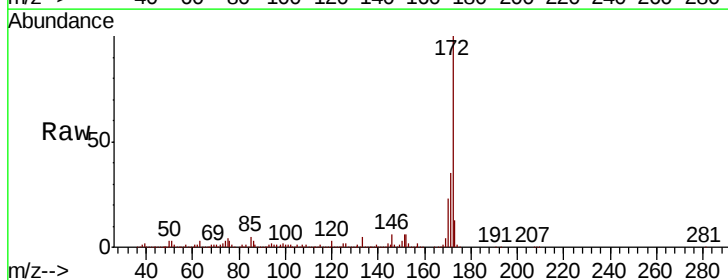


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

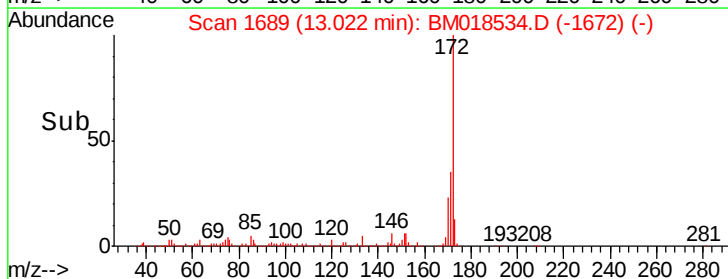
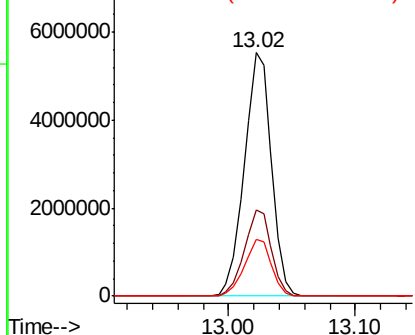


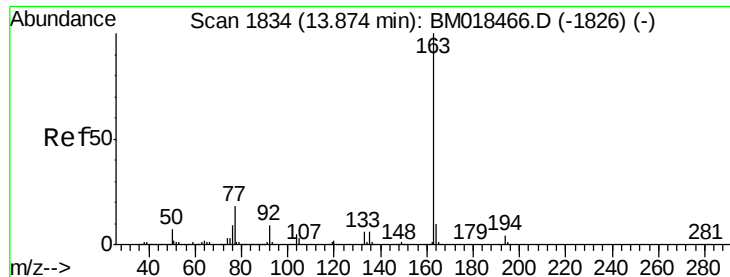
#45
 2-Fluorobiphenyl
 Concen: 91.644 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM018534.D
 Acq: 11 Jan 2019 09:22

Tgt Ion:172 Resp: 8191775
 Ion Ratio Lower Upper
 172 100
 171 35.2 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





#50

Dimethylphthalate

Concen: 5.588 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

Instrument :

BNA_M

ClientSampleId :

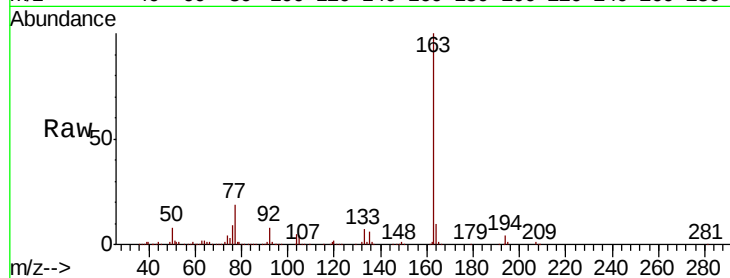
Tot Ion:163 Resp: 535262

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.5 7.8 11.8

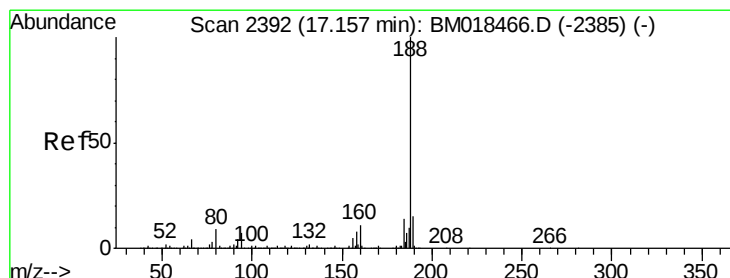
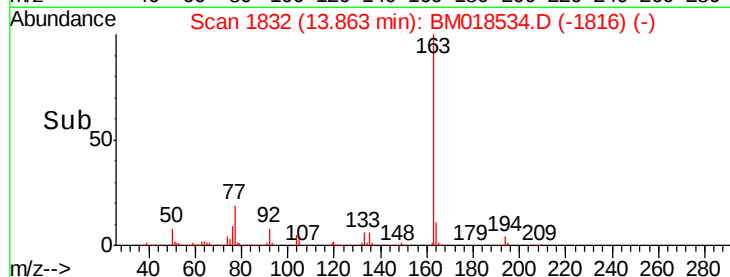
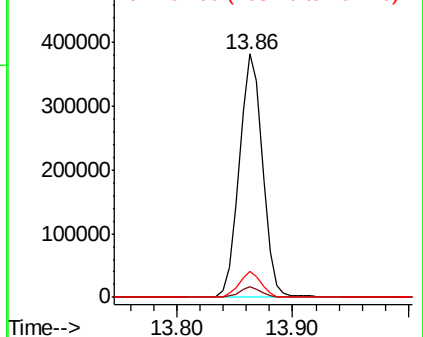


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

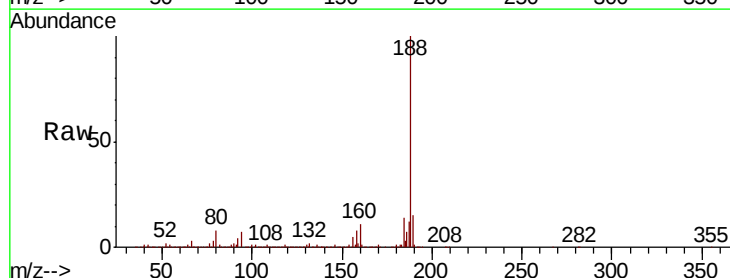
Tgt Ion:188 Resp: 2771390

Ion Ratio Lower Upper

188 100

94 7.5 7.1 10.7

80 7.6 7.6 11.4

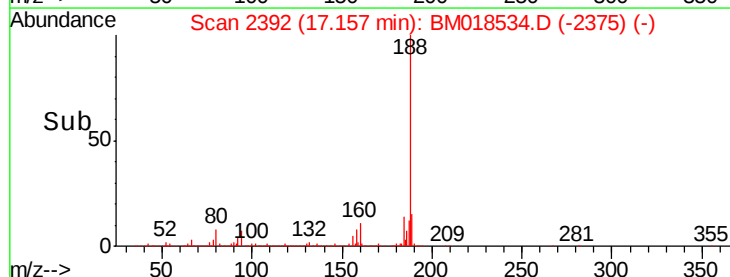
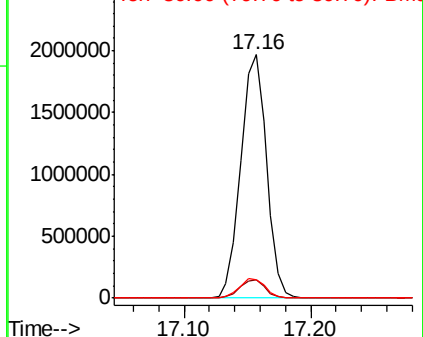


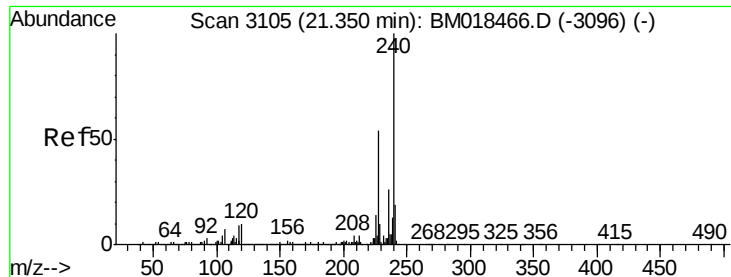
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

Instrument :

BNA_M

ClientSampled :

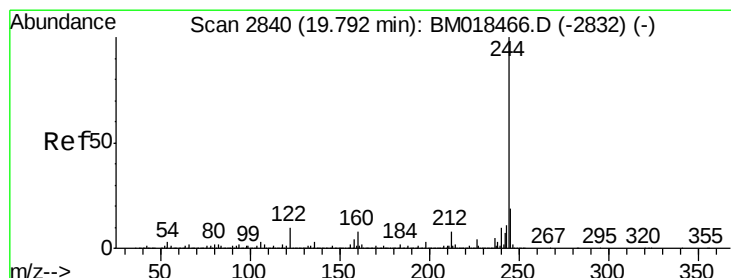
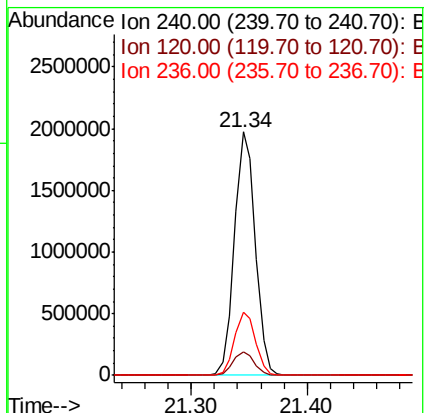
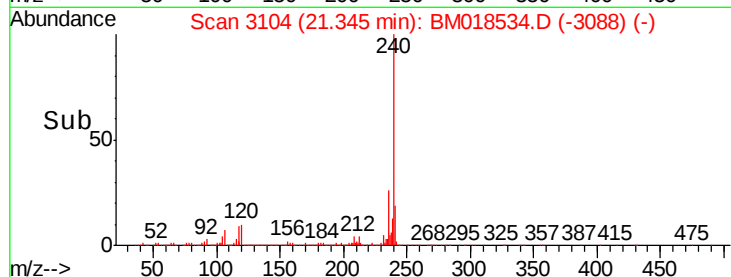
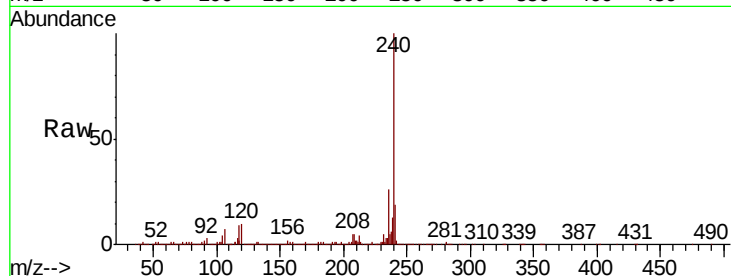
Tot Ion:240 Resp: 2466546

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 101.687 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018534.D

Acq: 11 Jan 2019 09:22

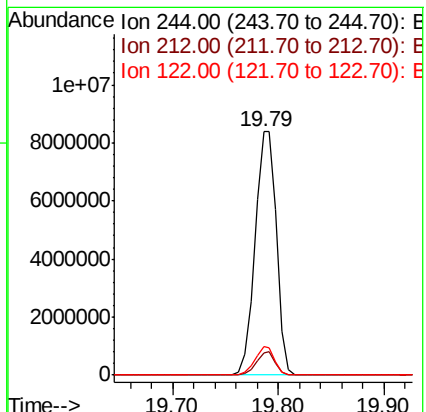
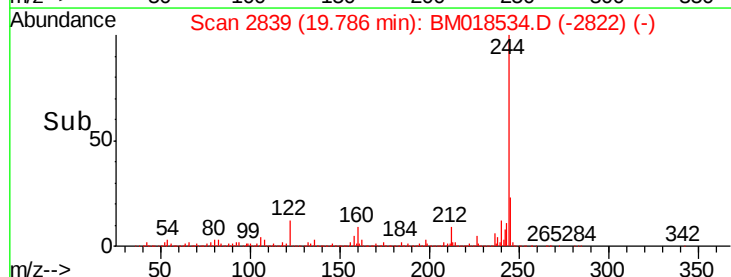
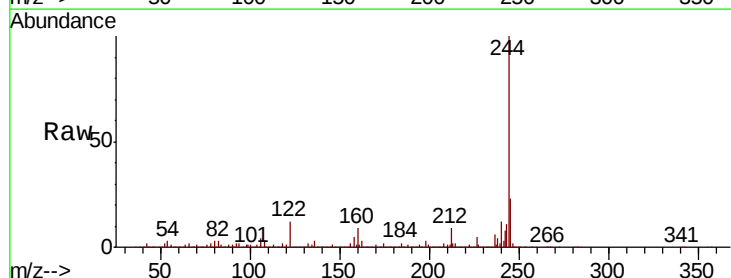
Tgt Ion:244 Resp:11898125

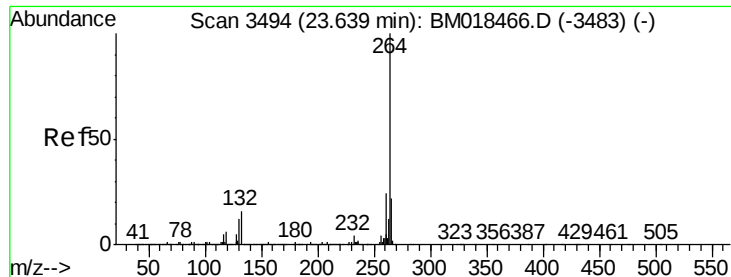
Ion Ratio Lower Upper

244 100

212 9.1 5.9 8.9#

122 12.0 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.63 min Scan# 3493
 Delta R.T. -0.00 min
 Lab File: BM018534.D
 Acq: 11 Jan 2019 09:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 2128313
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 21.1 16.8 25.2

