

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018591.D
 Acq On : 16 Jan 2019 19:50
 Operator : JU/SJ
 Sample : K1147-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Quant Time: Jan 17 01:09:38 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

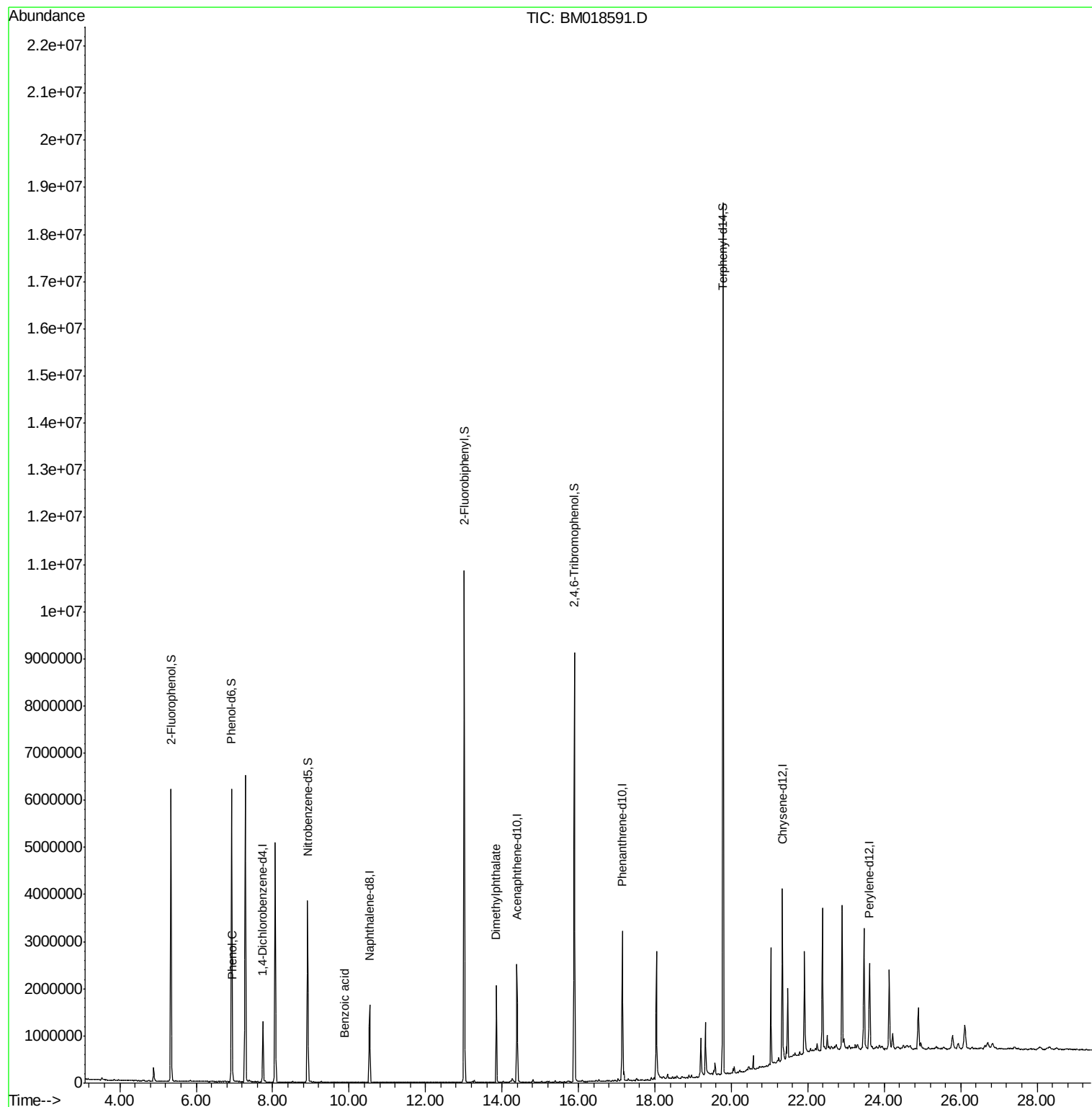
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	341574	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1409195	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	844572	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1902365	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1685213	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1338446	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2595033	140.28	ng	-0.01
7) Phenol-d6	6.93	99	3444099	146.59	ng	0.00
23) Nitrobenzene-d5	8.92	82	2106434	86.65	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1624317	151.05	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5596159	86.46	ng	-0.01
79) Terphenyl-d14	19.78	244	8279110	103.56	ng	0.00
Target Compounds						
10) Phenol	6.95	94	67707	2.836	ng	Qvalue 84
32) Benzoic acid	9.89	122	117	6.511	ng	# 37
50) Dimethylphthalate	13.85	163	1327478	19.138	ng	99

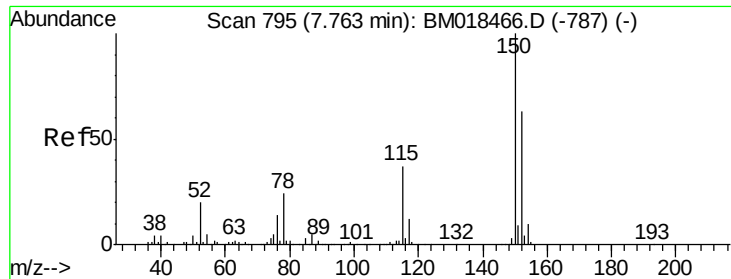
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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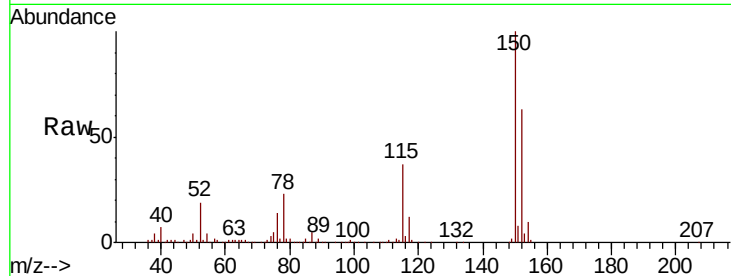


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.9	190.3
115	58.4	45.5	68.3

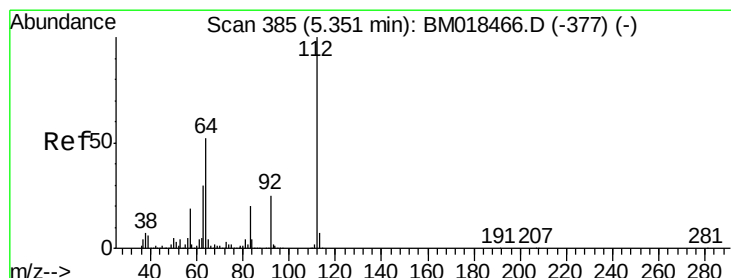
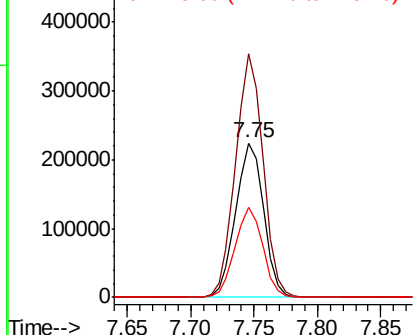
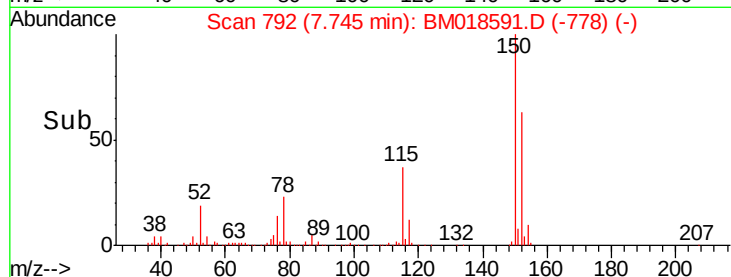


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

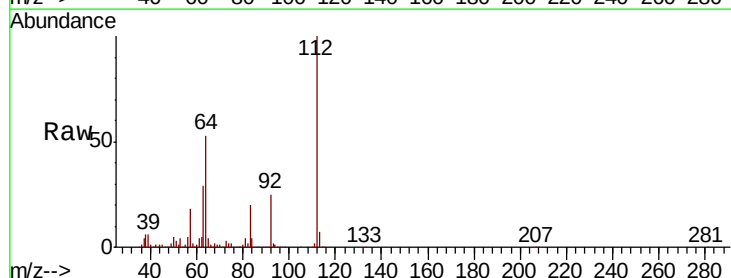
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.283 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.5	69.7
63	29.3	25.2	37.8

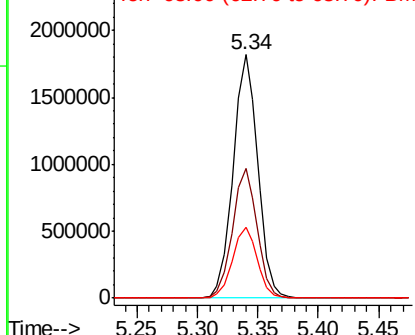
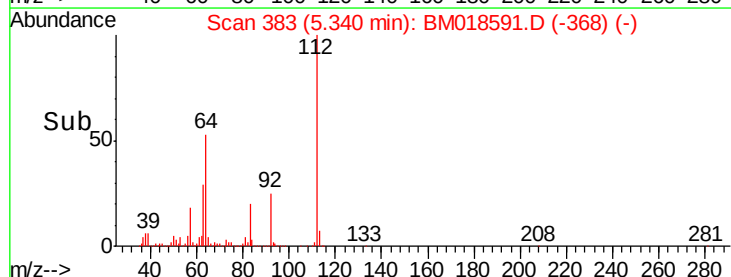


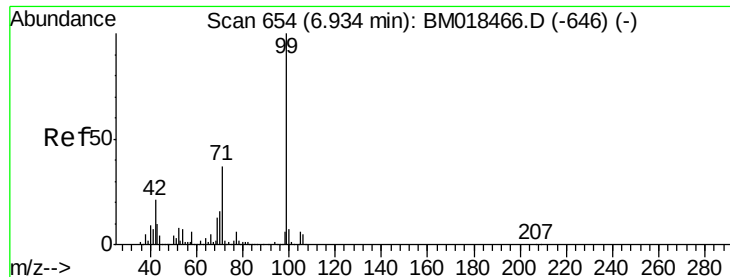
Abundance

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: 146.586 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

Instrument :

BNA_M

ClientSampled :

TP-6

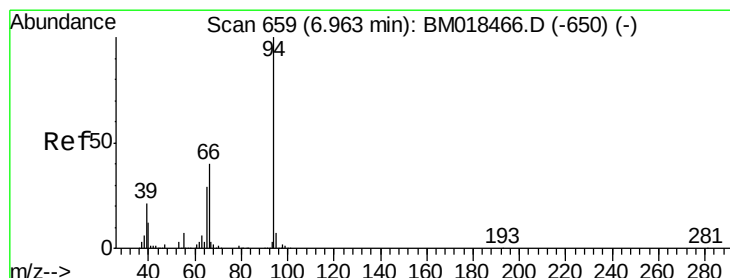
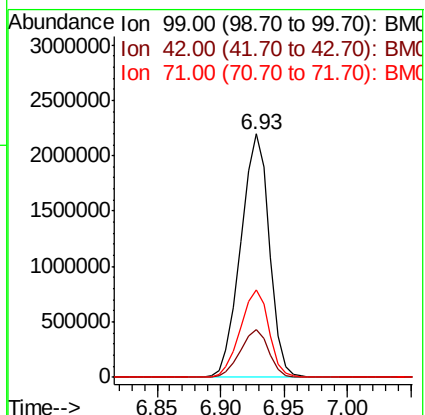
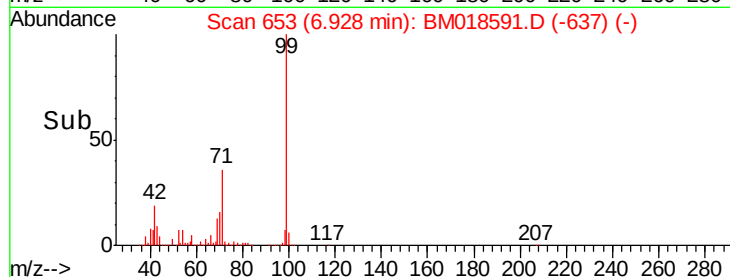
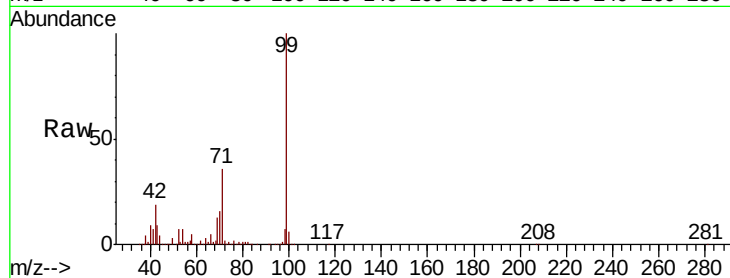
Tgt Ion: 99 Resp: 3444099

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

71 36.0 28.0 42.0



#10

Phenol

Concen: 2.836 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

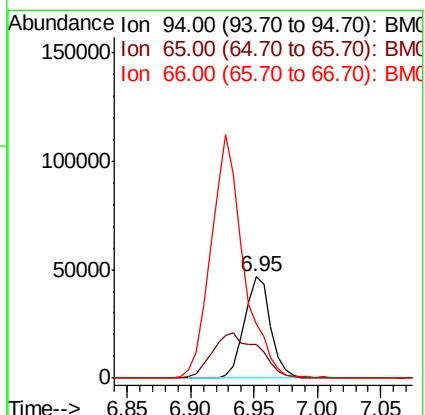
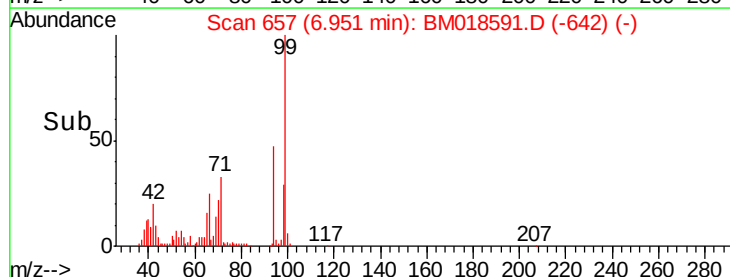
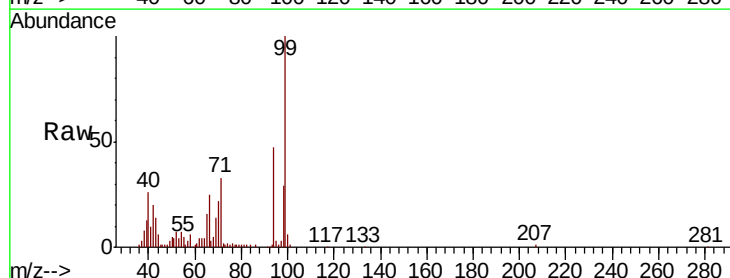
Tgt Ion: 94 Resp: 67707

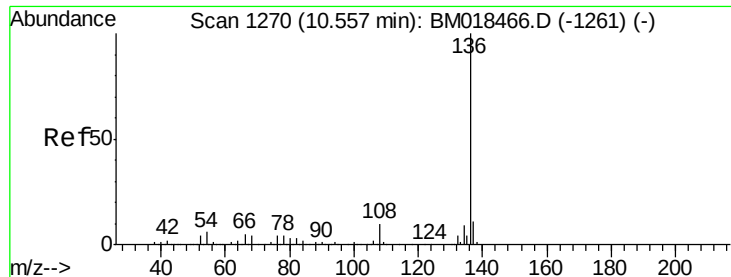
Ion Ratio Lower Upper

94 100

65 32.8 9.4 49.4

66 53.3 19.1 59.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

Instrument :

BNA_M

ClientSampleId :

TP-6

Tgt Ion:136 Resp: 1409195

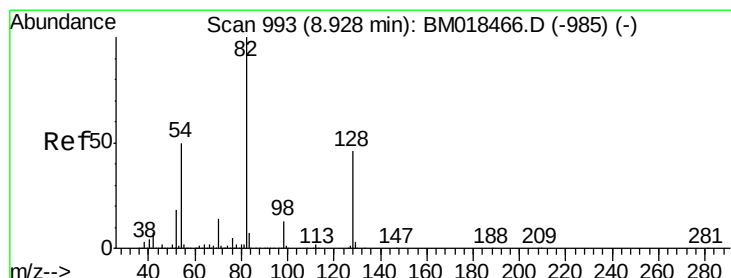
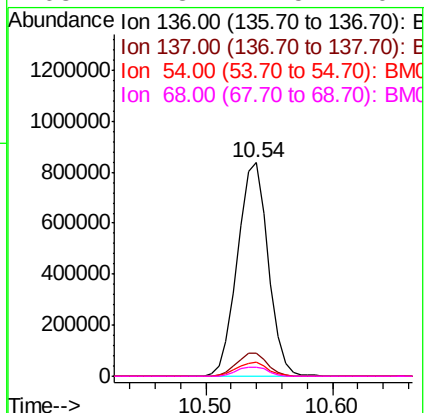
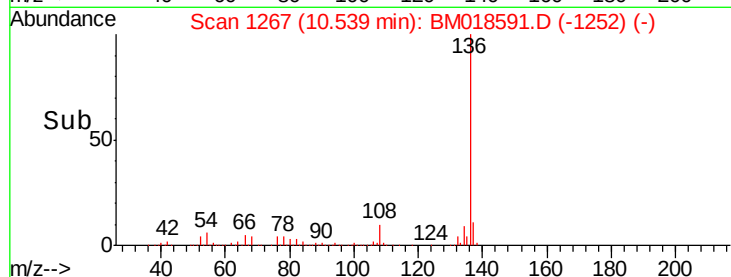
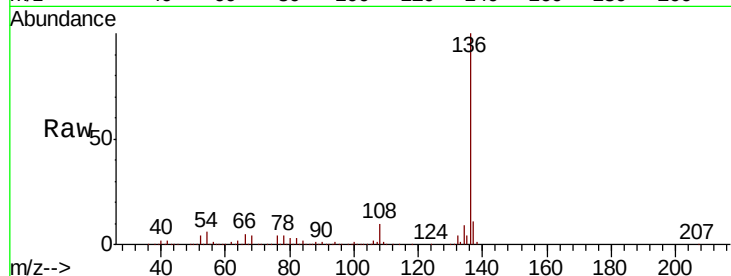
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 6.0 9.0

68 4.3 4.5 6.7#



#23

Nitrobenzene-d5

Concen: 86.654 ng

RT: 8.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

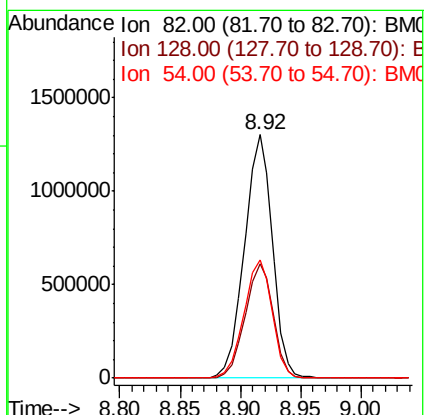
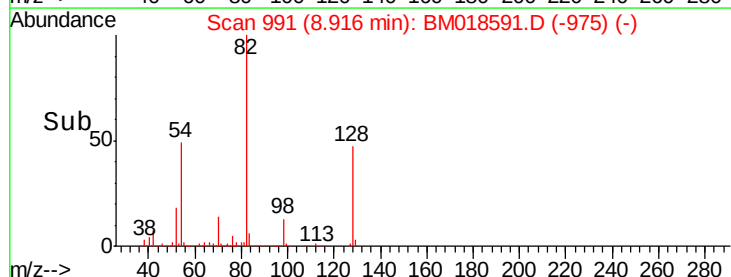
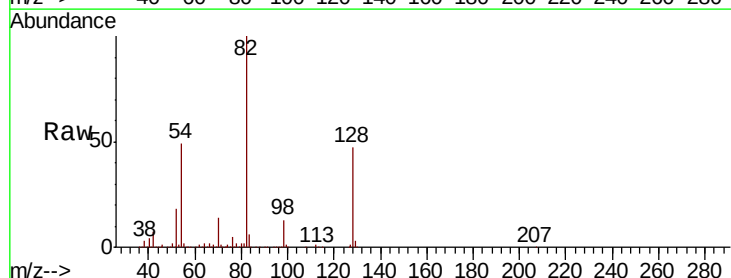
Tgt Ion: 82 Resp: 2106434

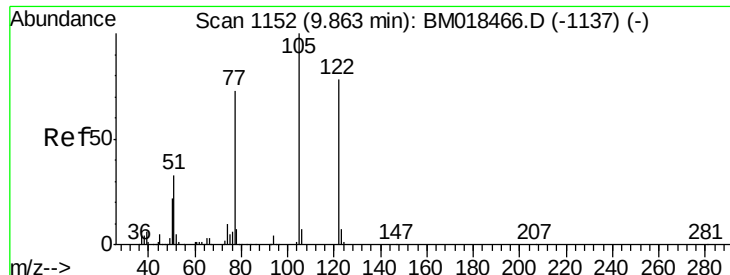
Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

54 48.8 41.7 62.5

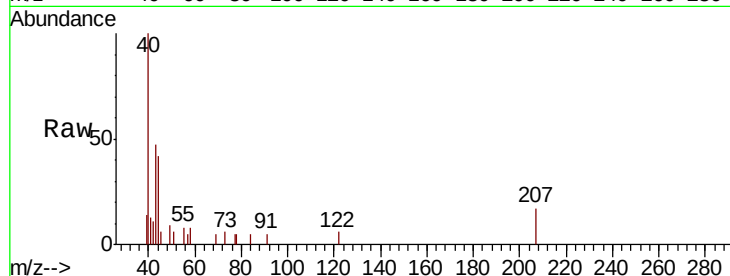




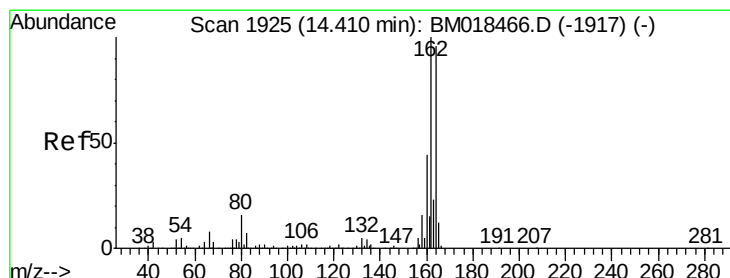
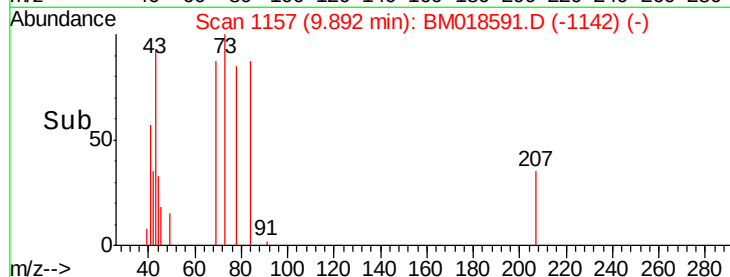
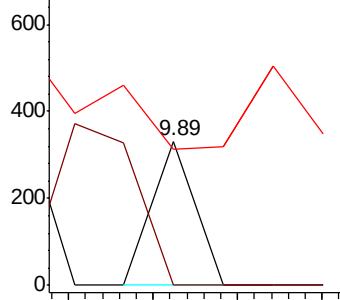
#32
Benzoic acid
Concen: 6.511 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.4	140.4#
77	94.3	71.7	111.7

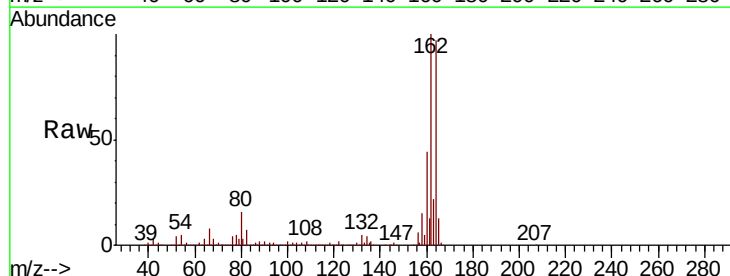


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

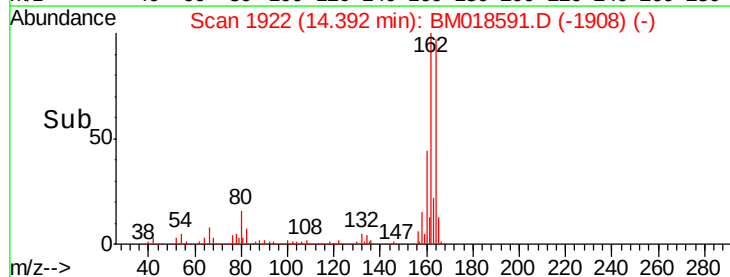
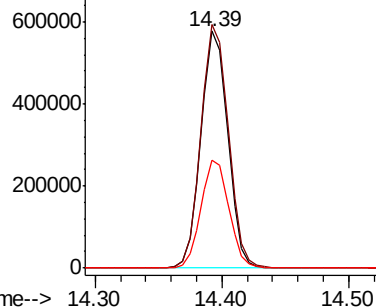


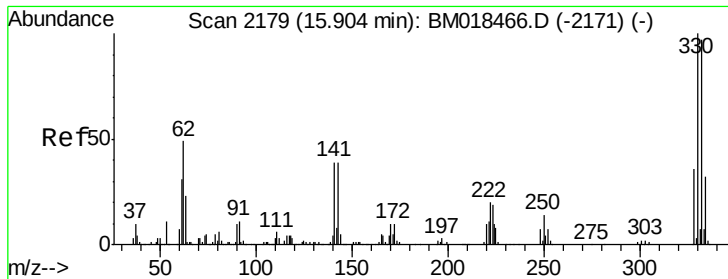
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	45.4	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

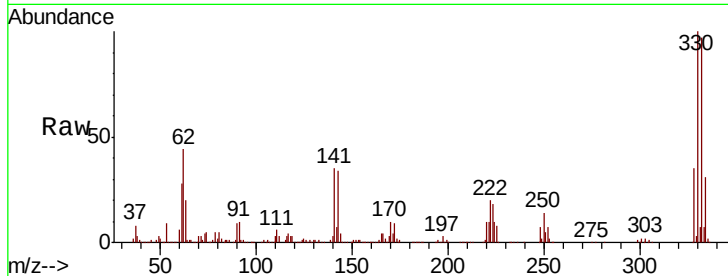




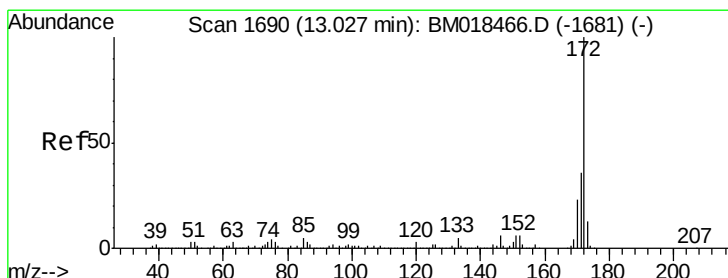
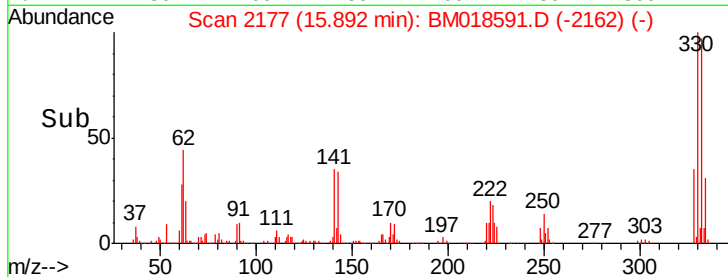
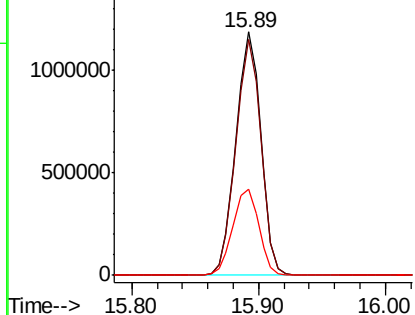
#42
 2,4,6-Tribromophenol
 Concen: 151.046 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018591.D
 Acq: 16 Jan 2019 19:50

Instrument :
 BNA_M
 ClientSampled :
 TP-6

Tgt Ion:330 Resp: 1624317
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 36.7 31.7 47.5

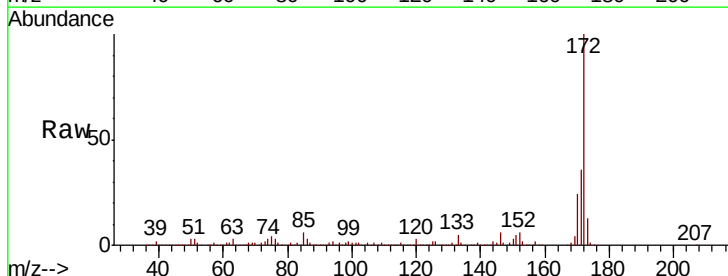


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

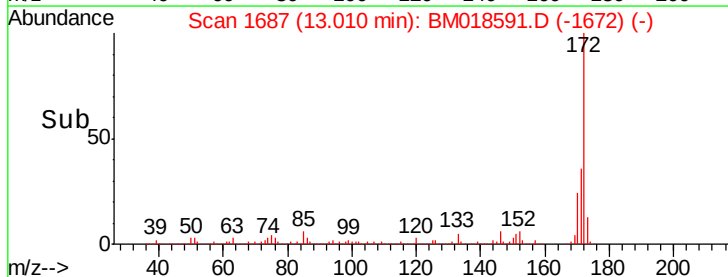
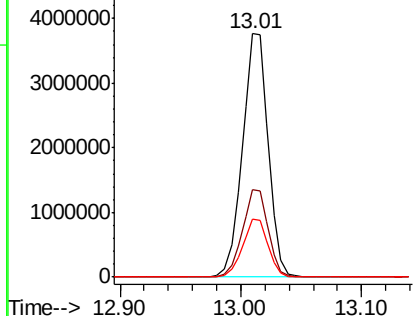


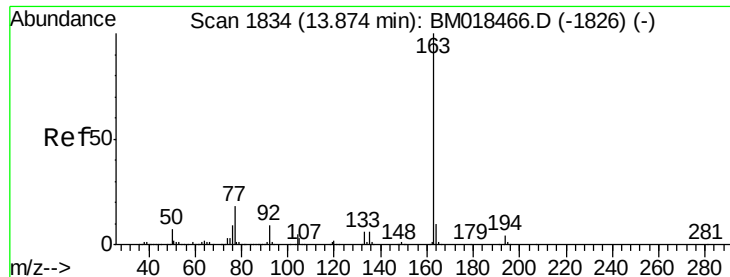
#45
 2-Fluorobiphenyl
 Concen: 86.461 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018591.D
 Acq: 16 Jan 2019 19:50

Tgt Ion:172 Resp: 5596159
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.4
 170 23.7 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: 19.138 ng

RT: 13.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

Instrument :

BNA_M

ClientSampleId :

TP-6

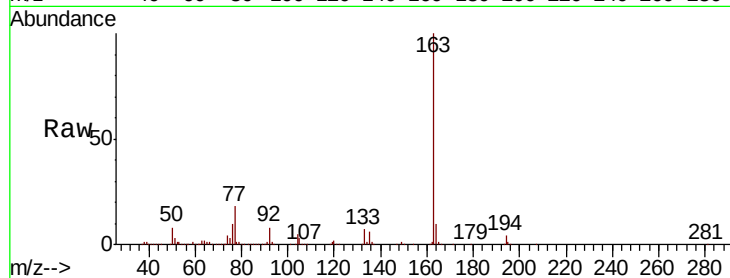
Tgt Ion:163 Resp: 1327478

Ion Ratio Lower Upper

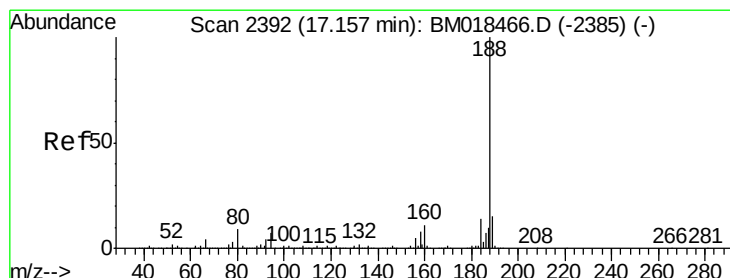
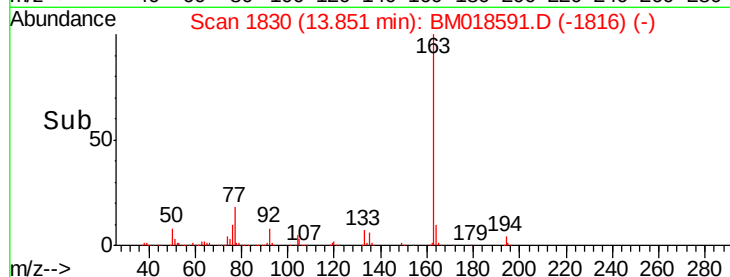
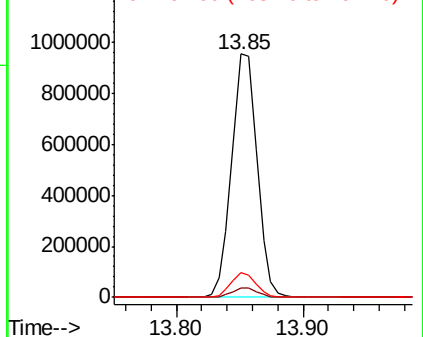
163 100

194 3.8 3.0 4.6

164 10.2 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: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

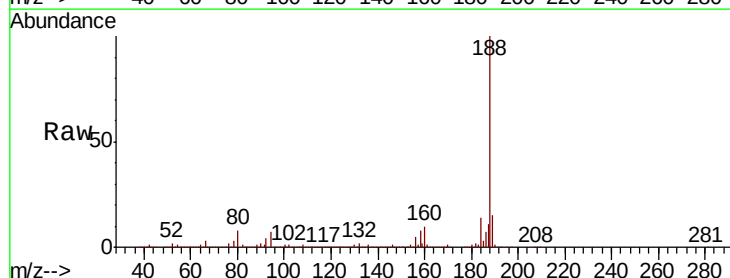
Tgt Ion:188 Resp: 1902365

Ion Ratio Lower Upper

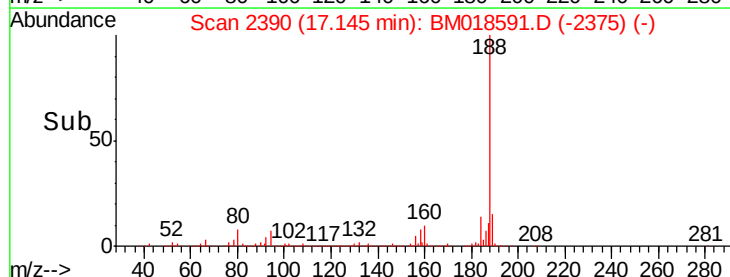
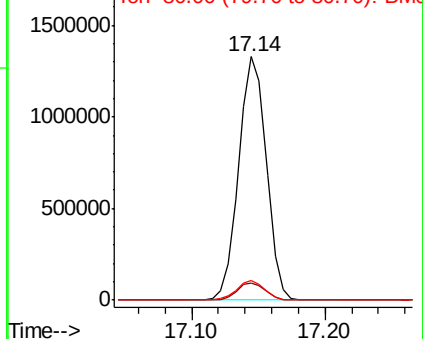
188 100

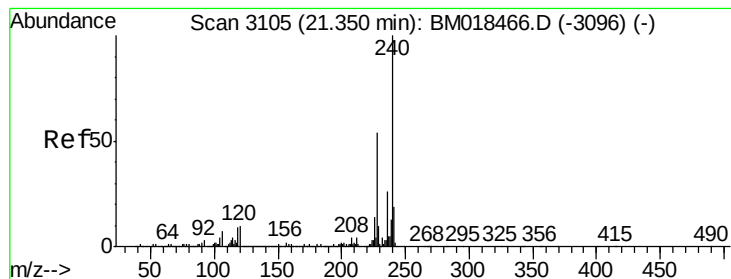
94 7.2 7.1 10.7

80 8.3 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# 3103

Delta R.T. -0.01 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

Instrument :

BNA_M

ClientSampleId :

TP-6

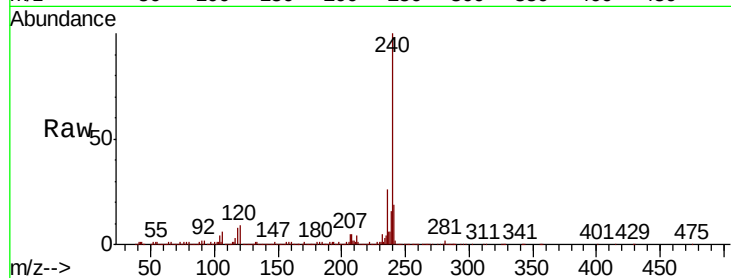
Tgt Ion:240 Resp: 1685213

Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

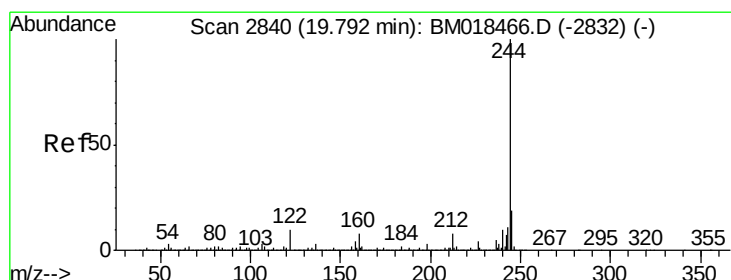
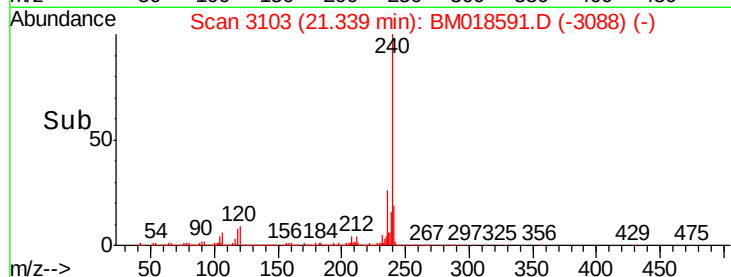
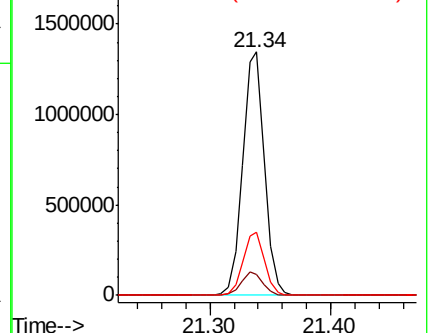
236 26.0 20.7 31.1



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: 103.563 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018591.D

Acq: 16 Jan 2019 19:50

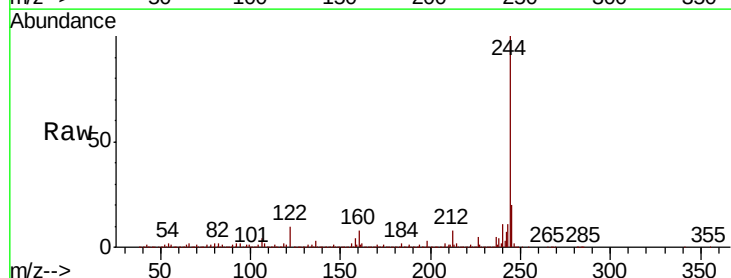
Tgt Ion:244 Resp: 8279110

Ion Ratio Lower Upper

244 100

212 8.0 5.9 8.9

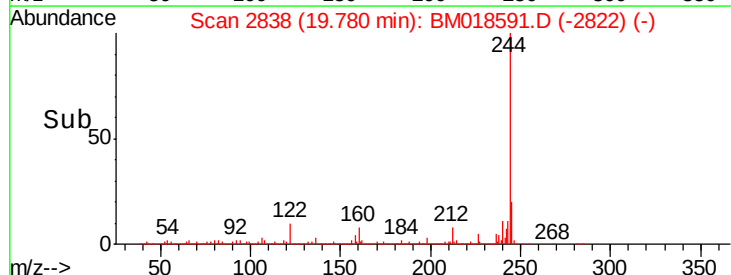
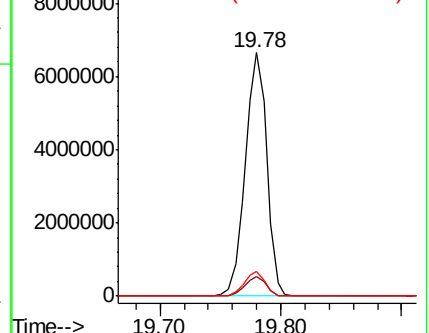
122 10.2 9.0 13.4

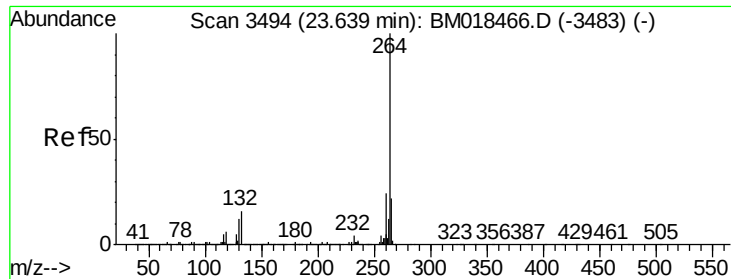


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.62 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion: 264 Resp: 1338446

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	16.8	25.2

