

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
 Data File : BM018636.D
 Acq On : 18 Jan 2019 14:37
 Operator : JU/SJ
 Sample : K1173-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-5124

Quant Time: Jan 18 16:55:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 16:48:55 2019
 Response via : Initial Calibration

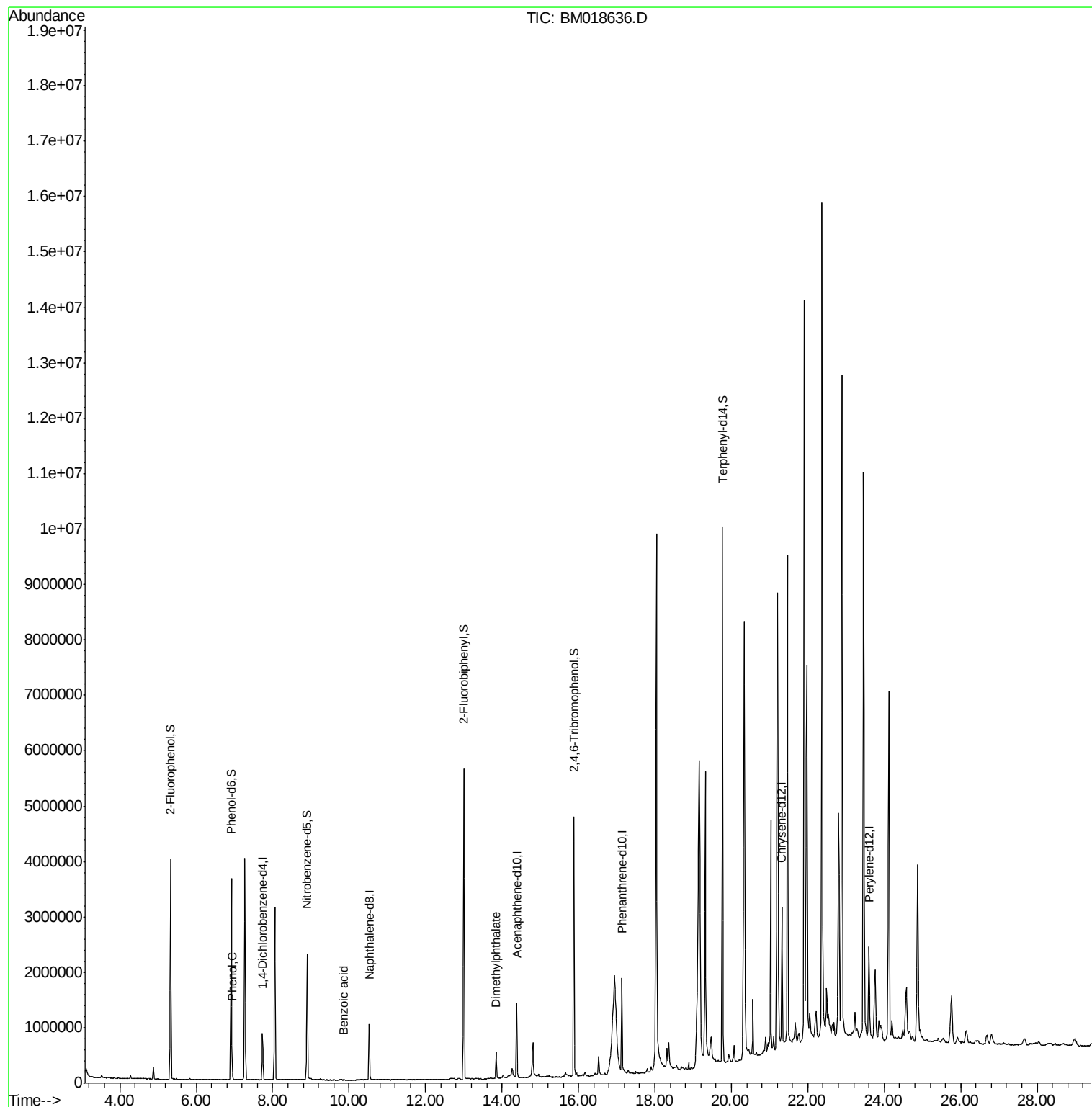
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	225998	20.00	ng	0.00
21) Naphthalene-d8	10.53	136	845023	20.00	ng	0.00
39) Acenaphthene-d10	14.39	164	452850	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	976965	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1083381	20.00	ng	0.00
87) Perylene-d12	23.60	264	1167269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1623622	132.66	ng	0.00
7) Phenol-d6	6.92	99	2021539	130.04	ng	0.00
23) Nitrobenzene-d5	8.90	82	1239448	85.03	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	824202	142.94	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	2960857	85.32	ng	0.00
79) Terphenyl-d14	19.77	244	4262065	82.93	ng	0.00
Target Compounds						
10) Phenol	6.94	94	115649	7.321	ng	97
32) Benzoic acid	9.86	122	116	6.516	ng	# 18
50) Dimethylphthalate	13.85	163	304055	8.175	ng	98

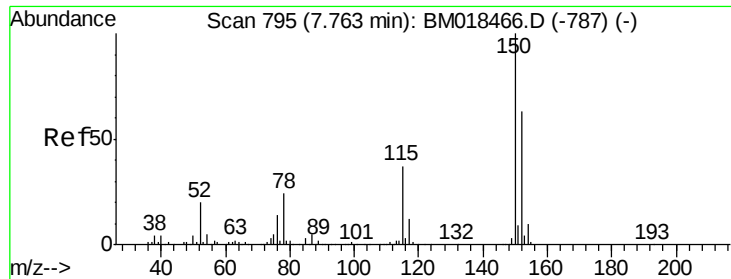
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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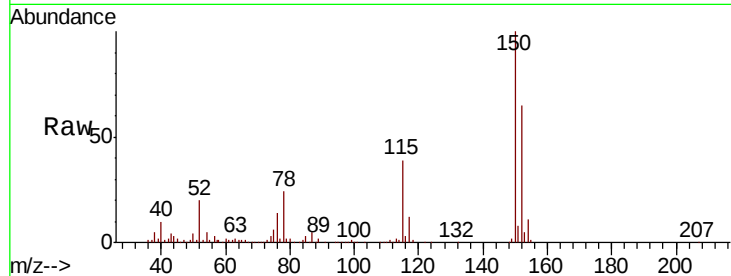


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018636.D
Acq: 18 Jan 2019 14:37

Instrument :
BNA_M
ClientSampleId :
RT-5124

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.9	190.3
115	59.5	45.5	68.3

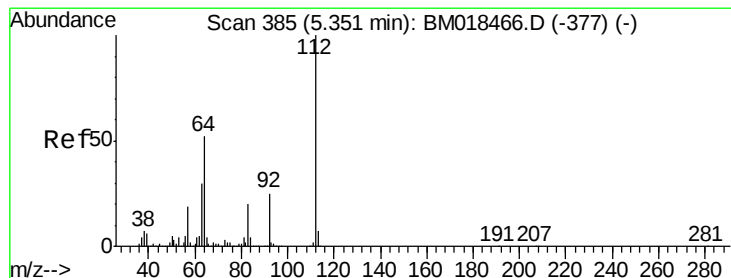
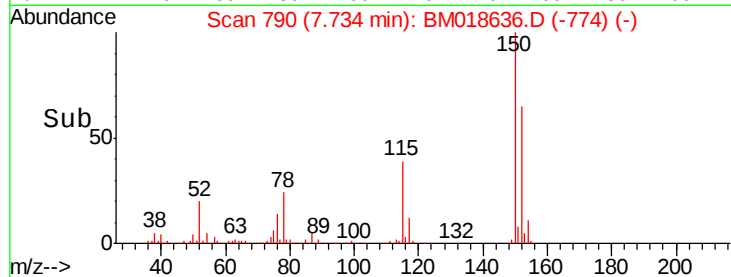
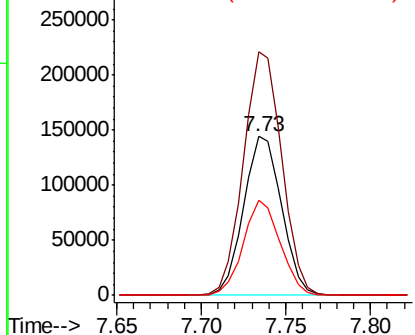


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

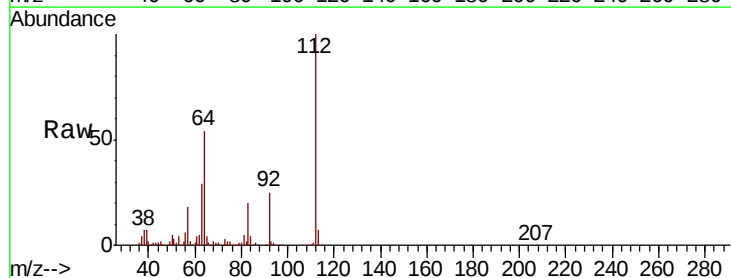
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.656 ng
RT: 5.33 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018636.D
Acq: 18 Jan 2019 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.5	69.7
63	29.5	25.2	37.8

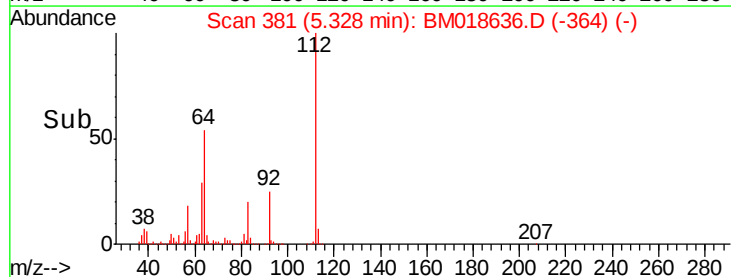
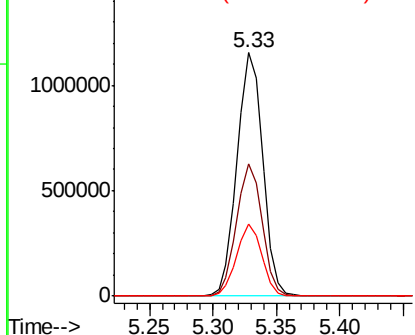


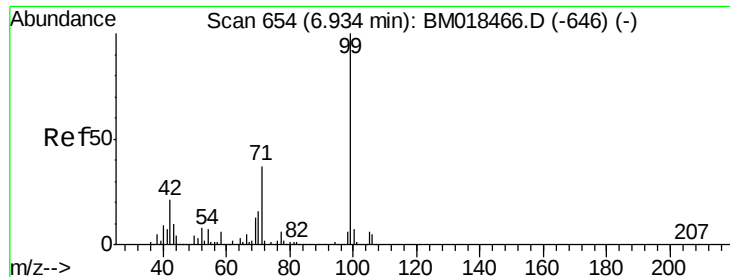
Abundance

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: 130.041 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

Instrument :

BNA_M

ClientSampleId :

RT-5124

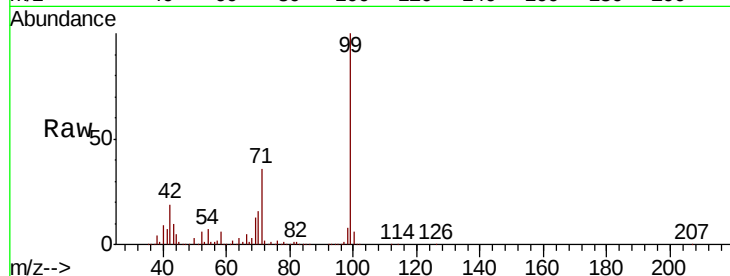
Tot Ion: 99 Resp: 2021539

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

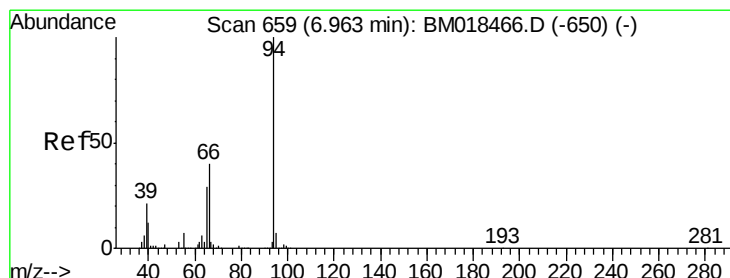
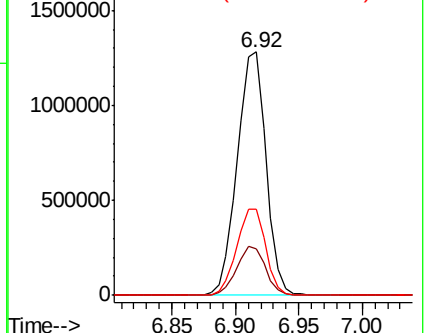
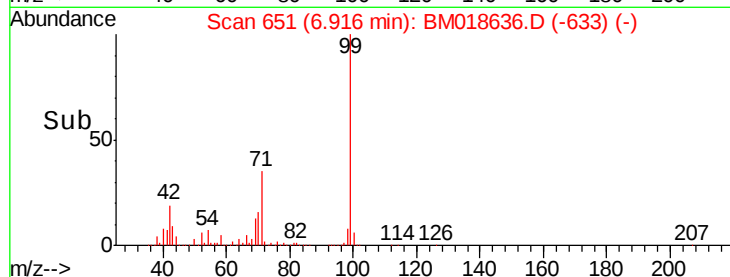
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018636.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018636.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018636.D (-633) (-)



#10

Phenol

Concen: 7.321 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

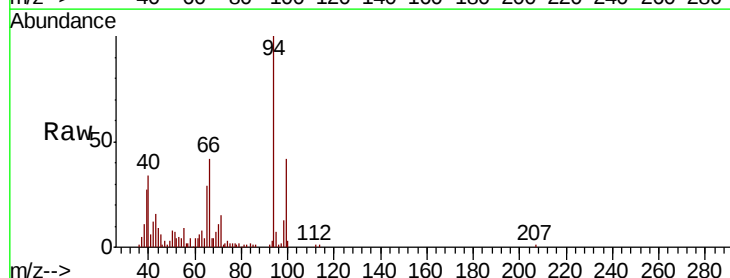
Tgt Ion: 94 Resp: 115649

Ion Ratio Lower Upper

94 100

65 28.7 9.4 49.4

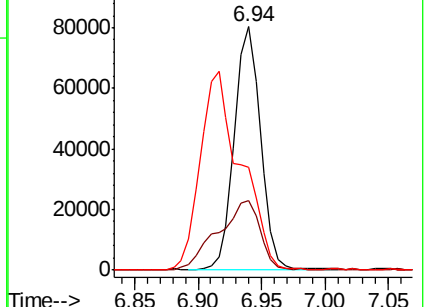
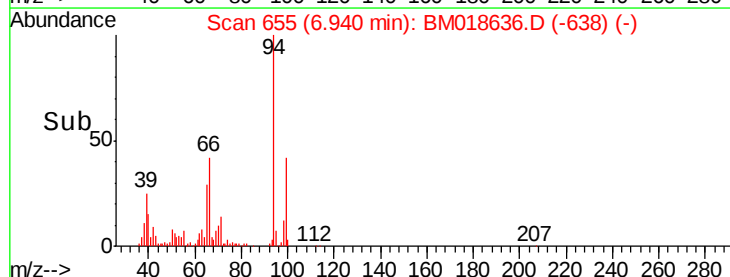
66 42.1 19.1 59.1

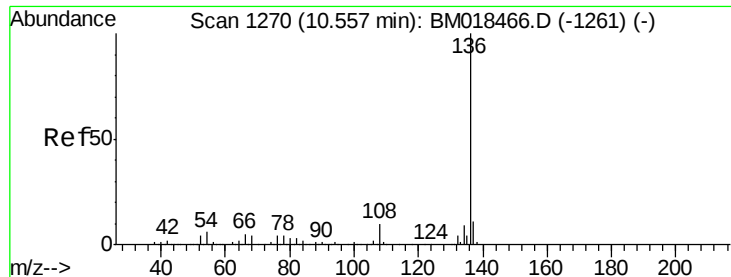


Abundance Ion 94.00 (93.70 to 94.70): BM018636.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018636.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018636.D (-638) (-)

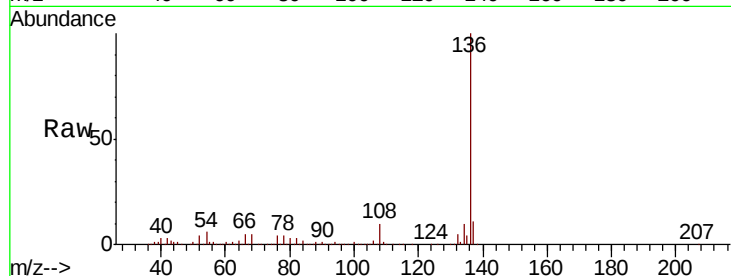




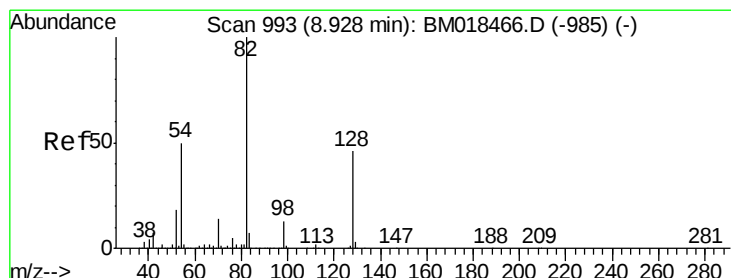
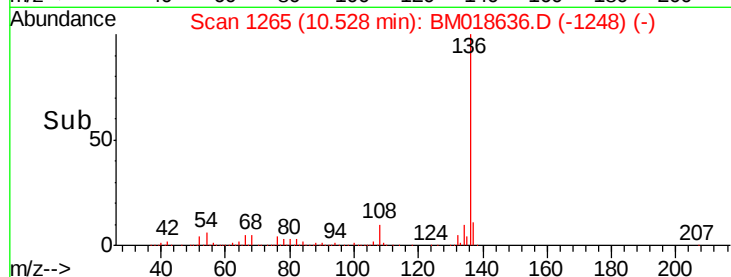
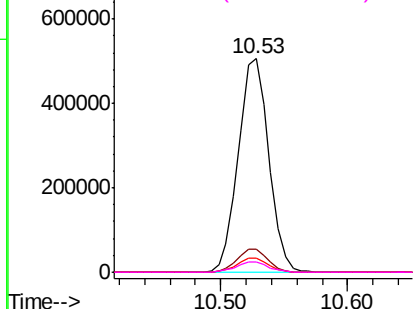
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BM018636.D
Acq: 18 Jan 2019 14:37

Instrument :
BNA_M
ClientSampleId :
RT-5124

Tot Ion:136	Resp:	845023
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.5	12.7
54 6.3	6.0	9.0
68 4.6	4.5	6.7

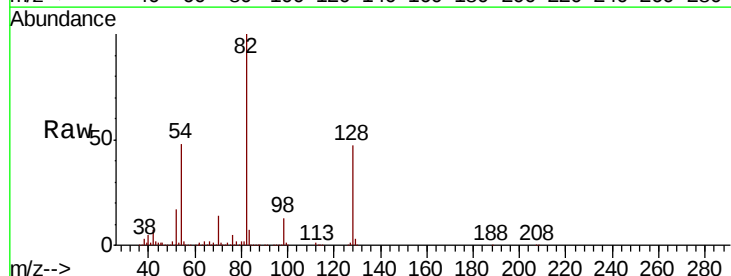


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

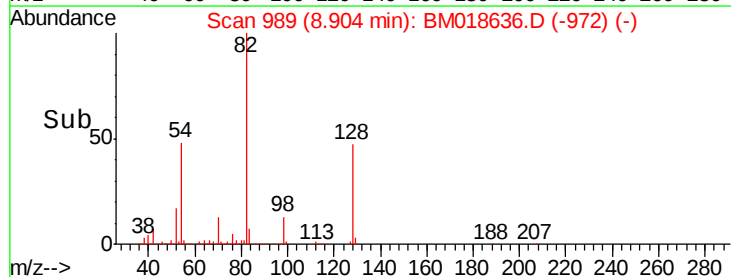
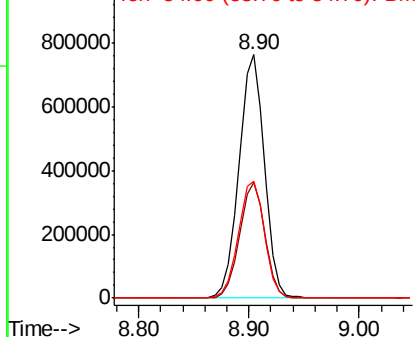


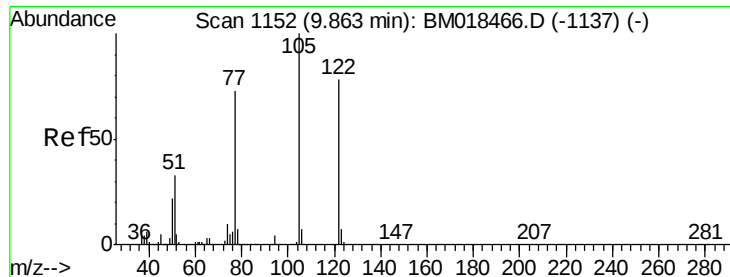
#23
Nitrobenzene-d5
Concen: 85.030 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM018636.D
Acq: 18 Jan 2019 14:37

Tgt Ion: 82	Resp: 1239448
Ion Ratio	Lower Upper
82 100	
128 47.4	36.3 54.5
54 48.1	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: 6.516 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

Instrument :

BNA_M

ClientSampled :

RT-5124

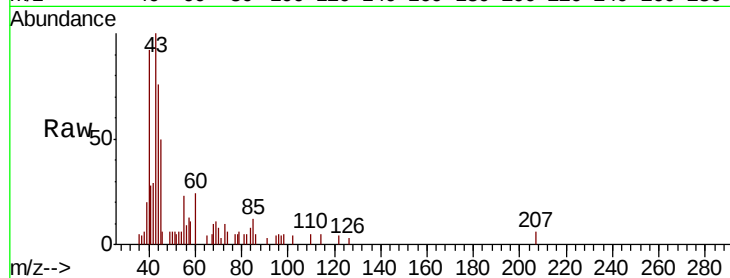
Tot Ion:122 Resp: 116

Ion Ratio Lower Upper

122 100

105 0.0 100.4 140.4#

77 138.0 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

800

600

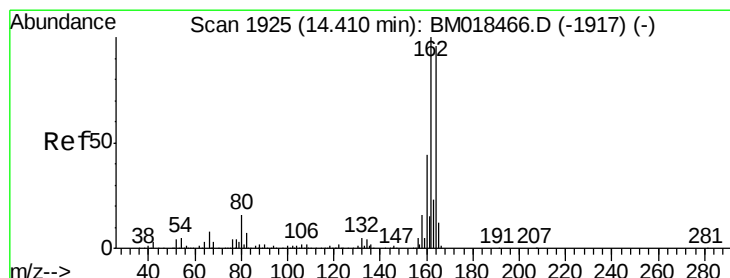
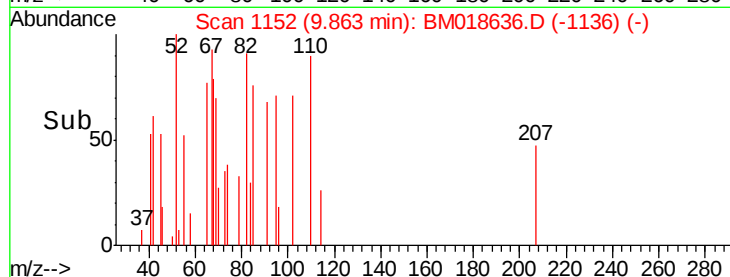
400

200

0

9.84 9.85 9.86 9.87 9.88

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

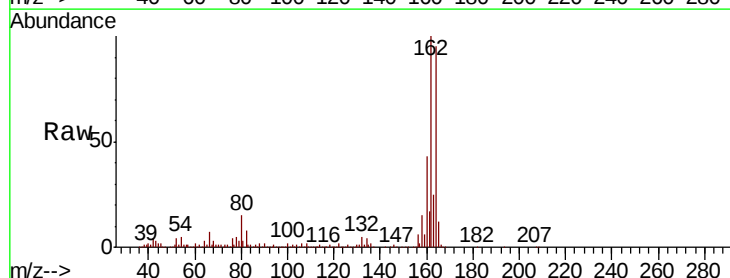
Tgt Ion:164 Resp: 452850

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.4

160 45.0 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

400000

300000

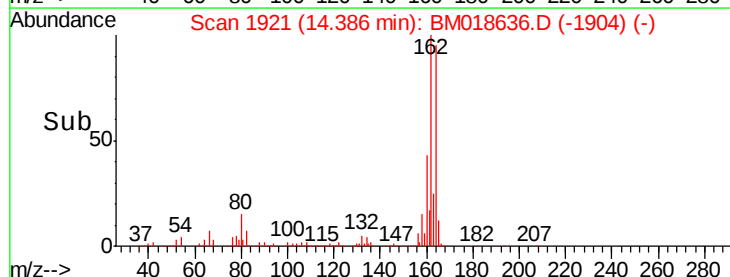
200000

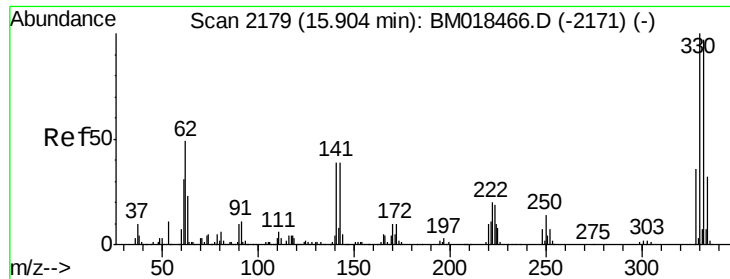
100000

0

14.30 14.40

Time-->

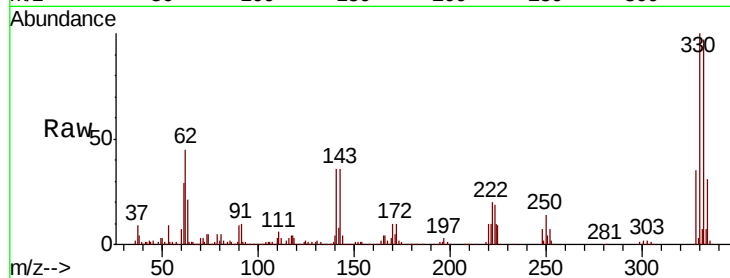




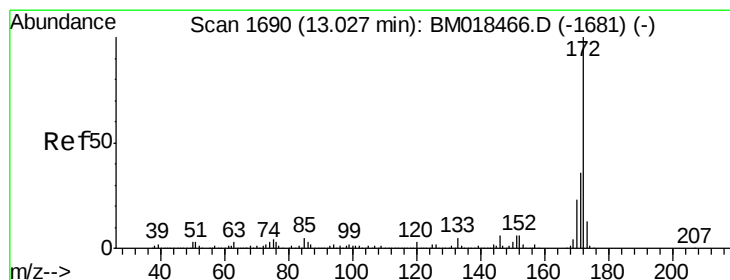
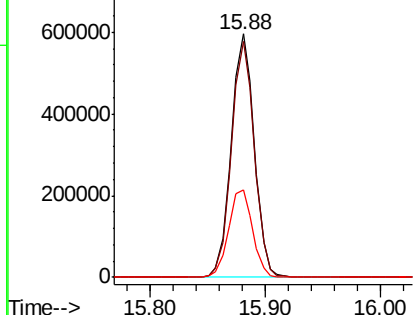
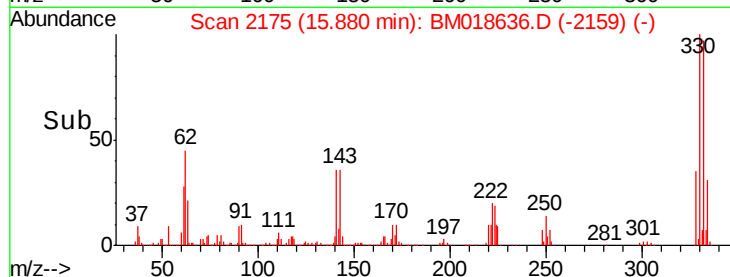
#42
 2,4,6-Tribromophenol
 Concen: 142.941 ng
 RT: 15.88 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BM018636.D
 Acq: 18 Jan 2019 14:37

Instrument :
 BNA_M
 ClientSampleId :
 RT-5124

Tot Ion:330 Resp: 824202
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.6 116.4
 141 37.5 31.7 47.5

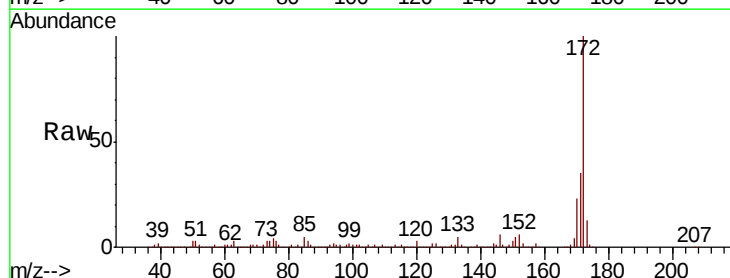


Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

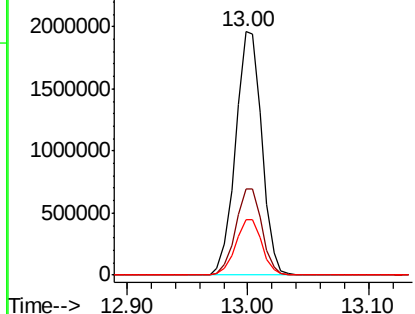
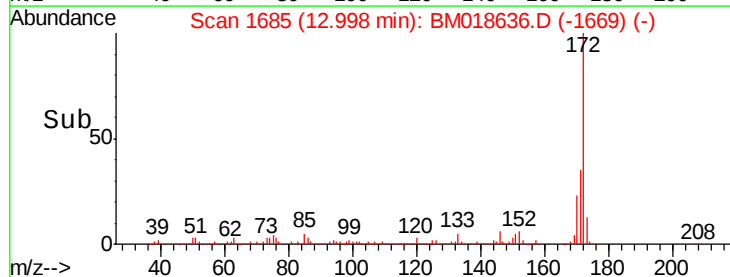


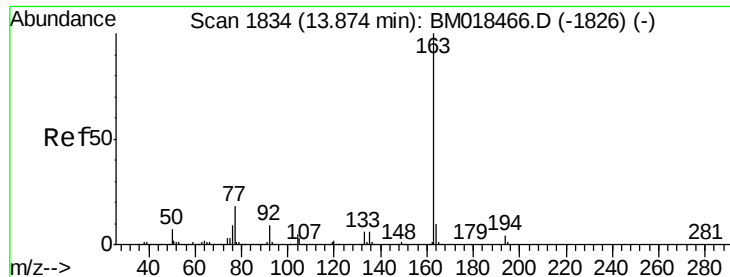
#45
 2-Fluorobiphenyl
 Concen: 85.315 ng
 RT: 13.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BM018636.D
 Acq: 18 Jan 2019 14:37

Tgt Ion:172 Resp: 2960857
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 22.8 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.175 ng

RT: 13.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

Instrument :

BNA_M

ClientSampleId :

RT-5124

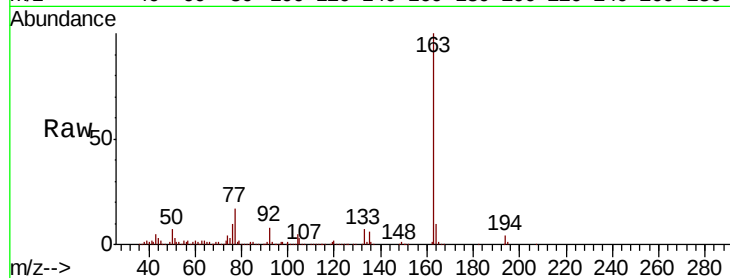
Tot Ion:163 Resp: 304055

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

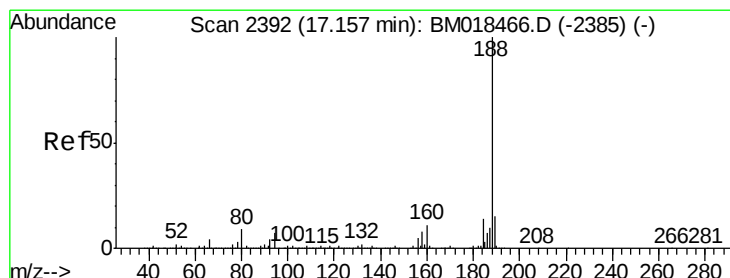
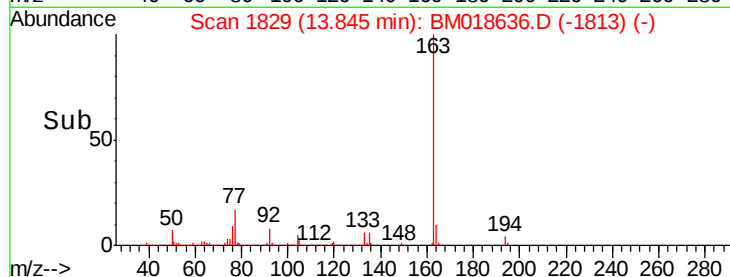
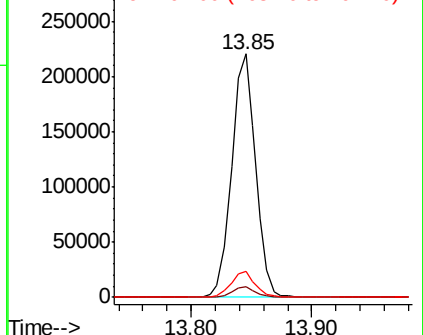
164 10.5 7.8 11.8



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: 17.13 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

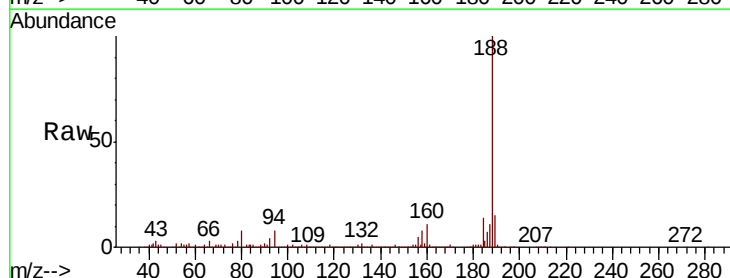
Tgt Ion:188 Resp: 976965

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

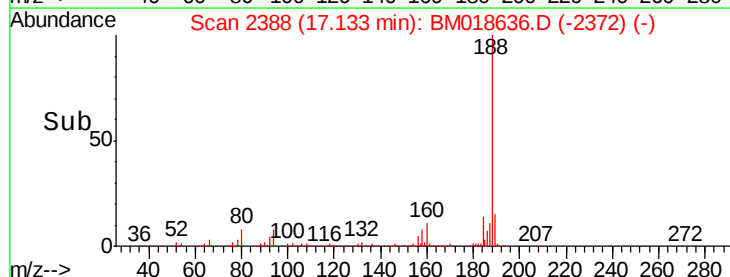
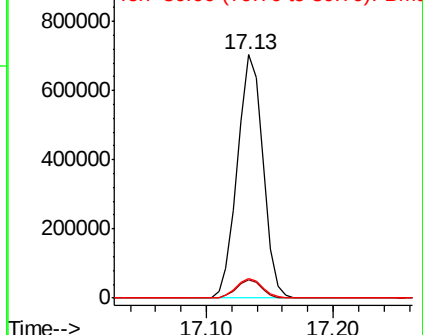
80 8.2 7.6 11.4

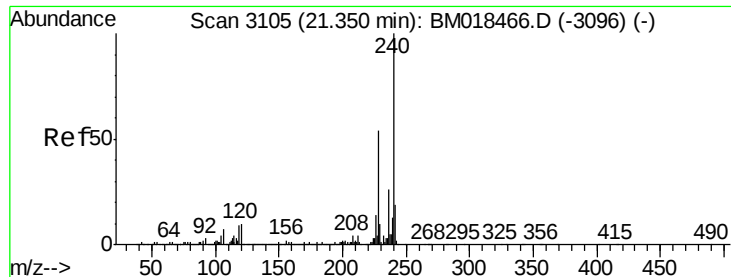


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

Instrument :

BNA_M

ClientSampleId :

RT-5124

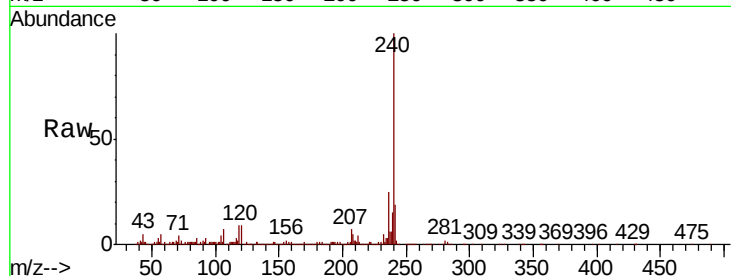
Tot Ion:240 Resp: 1083381

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

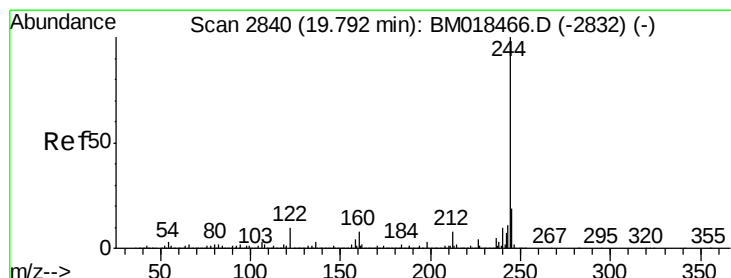
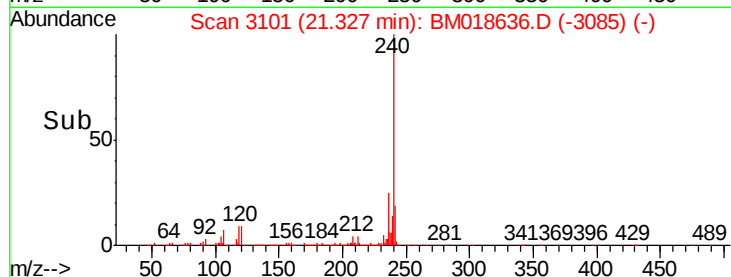
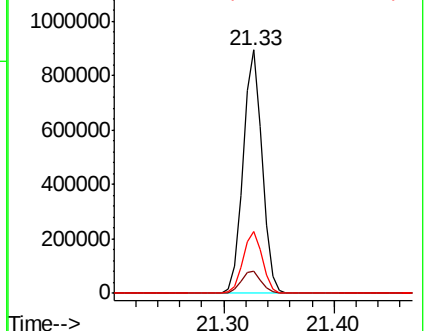
236 25.4 20.7 31.1



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: 82.931 ng

RT: 19.77 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BM018636.D

Acq: 18 Jan 2019 14:37

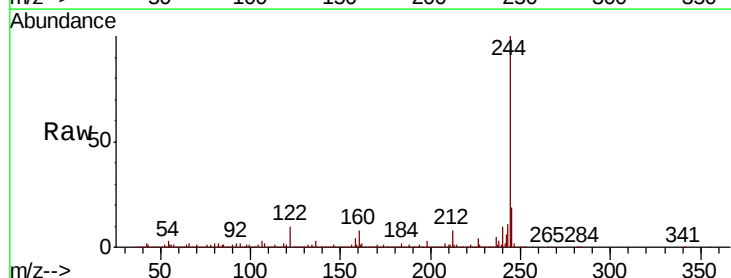
Tgt Ion:244 Resp: 4262065

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

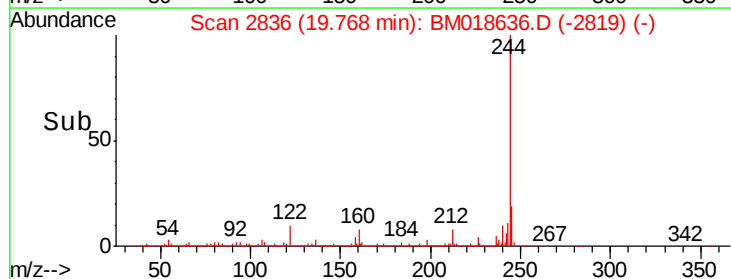
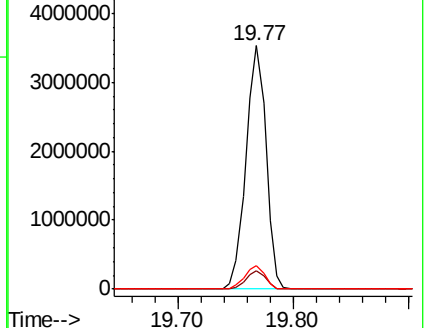
122 9.7 9.0 13.4

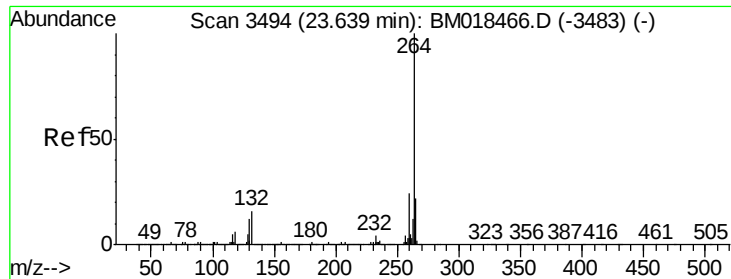


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM018636.D
Acq: 18 Jan 2019 14:37

Instrument :
BNA_M
ClientSampleId :
RT-5124

Tot Ion:264 Resp: 1167269

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.5	16.8	25.2

