

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018585.D
 Acq On : 16 Jan 2019 16:14
 Operator : JU/SJ
 Sample : K1147-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 16 18:15:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 13:36:30 2019
 Response via : Initial Calibration

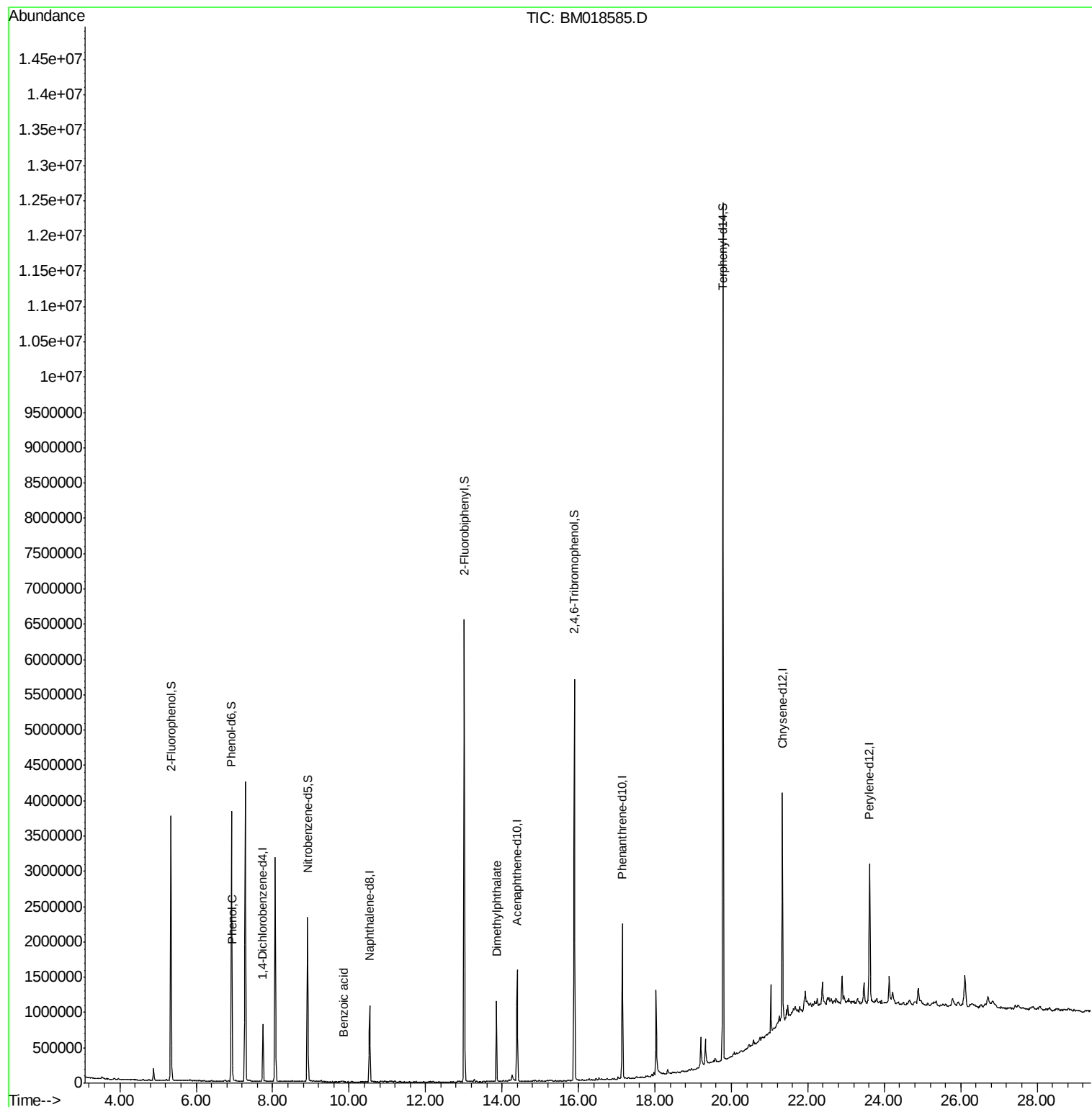
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	217826	20.00	ng	0.00
21) Naphthalene-d8	10.54	136	919088	20.00	ng	0.00
39) Acenaphthene-d10	14.39	164	540333	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1253477	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1488757	20.00	ng	0.00
87) Perylene-d12	23.62	264	1448084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1654857	140.28	ng	0.00
7) Phenol-d6	6.92	99	2182841	145.69	ng	0.00
23) Nitrobenzene-d5	8.92	82	1312526	82.79	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1025226	149.02	ng	0.00
45) 2-Fluorobiphenyl	13.01	172	3417825	82.54	ng	0.00
79) Terphenyl-d14	19.78	244	5523169	78.21	ng	0.00
Target Compounds						
10) Phenol	6.95	94	42508	2.792	ng	# 69
32) Benzoic acid	9.86	122	139	6.518	ng	# 60
50) Dimethylphthalate	13.86	163	764903	17.237	ng	99

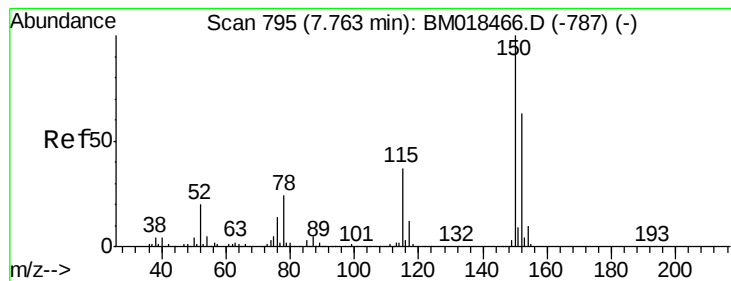
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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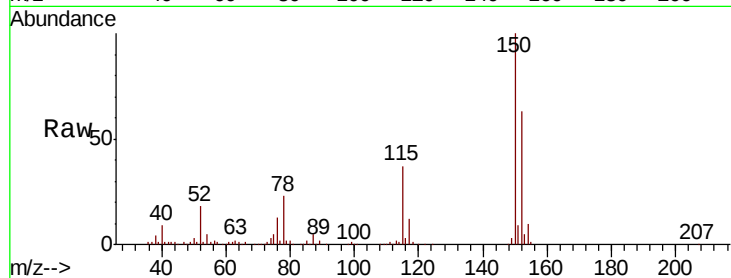




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BM018585.D
 Acq: 16 Jan 2019 16:14

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.9	190.3
115	58.3	45.5	68.3

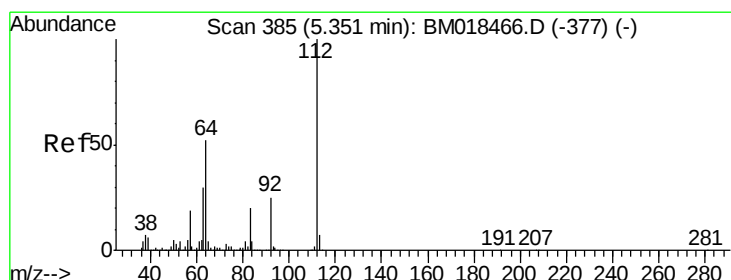
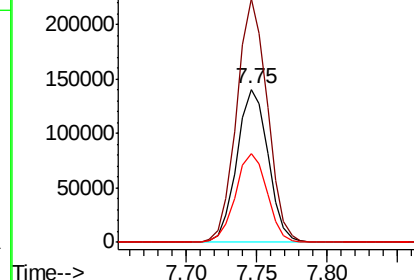
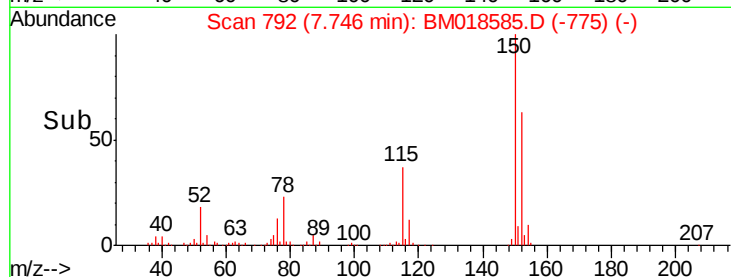


Abundance

Ion 152.00 (151.70 to 152.70): E

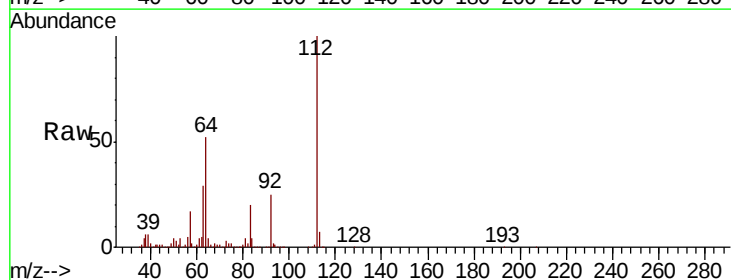
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 140.281 ng
 RT: 5.34 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: BM018585.D
 Acq: 16 Jan 2019 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	46.5	69.7
63	28.6	25.2	37.8

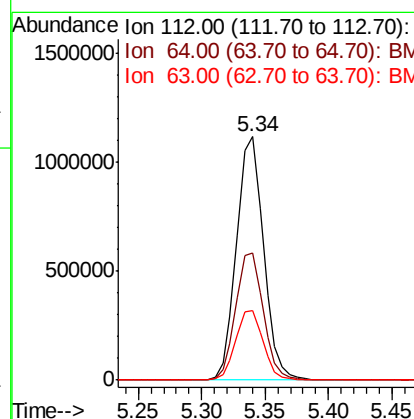
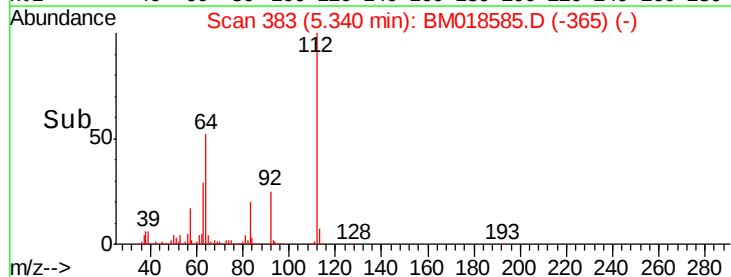


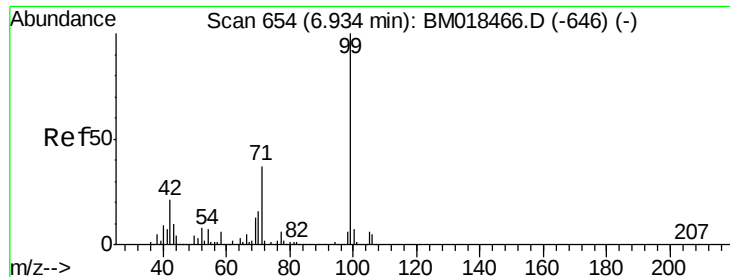
Abundance

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: 145.685 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM018585.D

Acq: 16 Jan 2019 16:14

Instrument :

BNA_M

ClientSampleId :

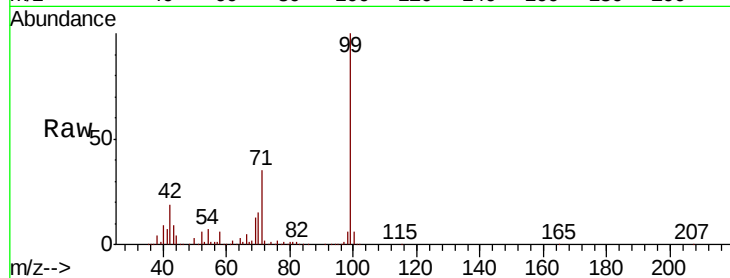
Tot Ion: 99 Resp: 2182841

Ion Ratio Lower Upper

99 100

42 18.9 17.3 25.9

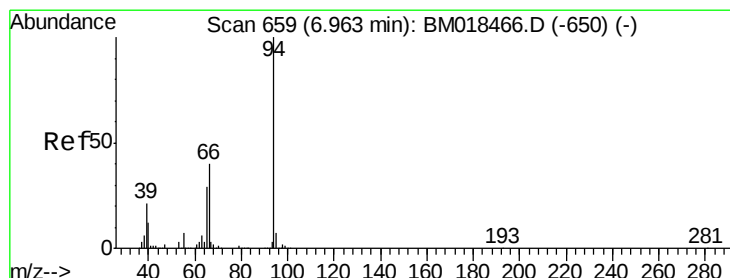
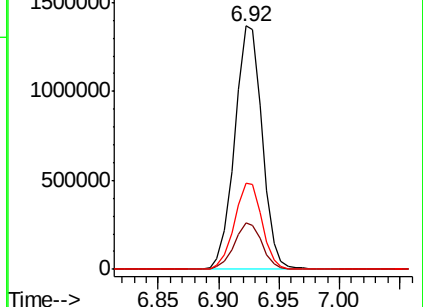
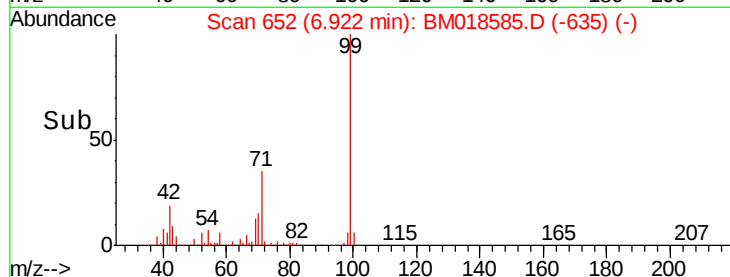
71 35.3 28.0 42.0



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) (-)



#10

Phenol

Concen: 2.792 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM018585.D

Acq: 16 Jan 2019 16:14

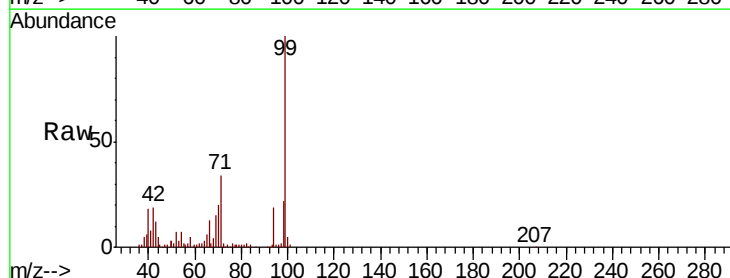
Tgt Ion: 94 Resp: 42508

Ion Ratio Lower Upper

94 100

65 34.3 9.4 49.4

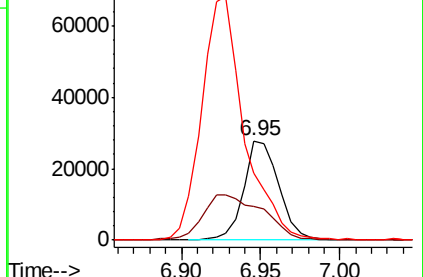
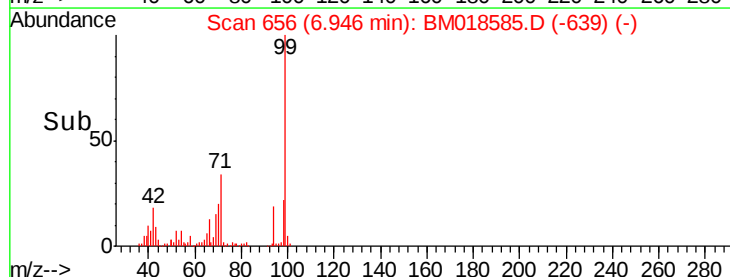
66 68.1 19.1 59.1#

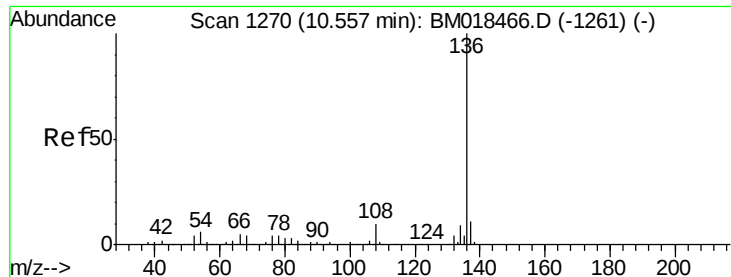


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM018585.D

Acq: 16 Jan 2019 16:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 919088

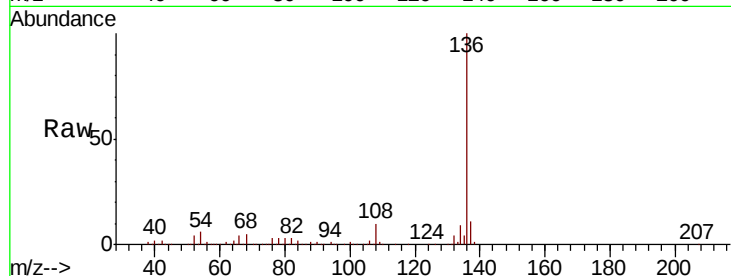
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 6.0 9.0

68 4.6 4.5 6.7

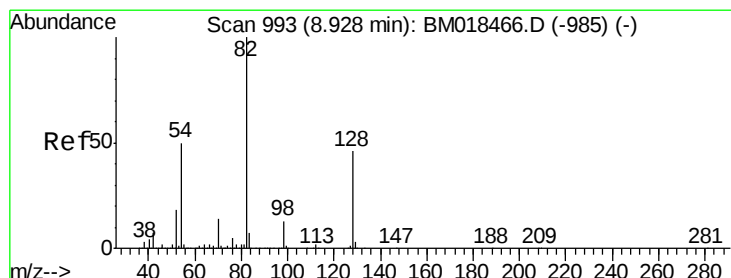
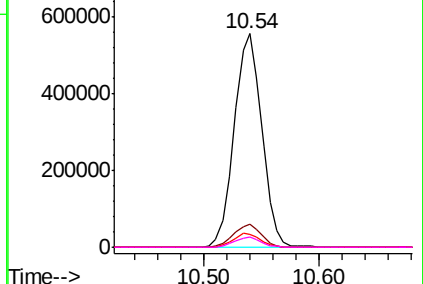
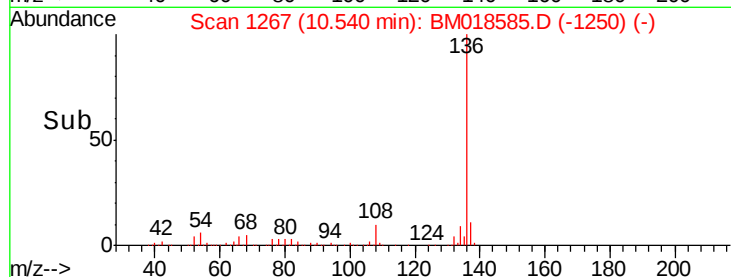


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.787 ng

RT: 8.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BM018585.D

Acq: 16 Jan 2019 16:14

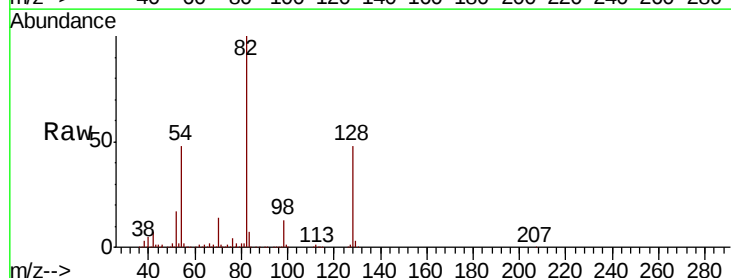
Tgt Ion: 82 Resp: 1312526

Ion Ratio Lower Upper

82 100

128 47.9 36.3 54.5

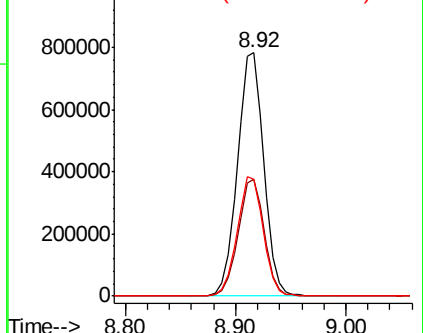
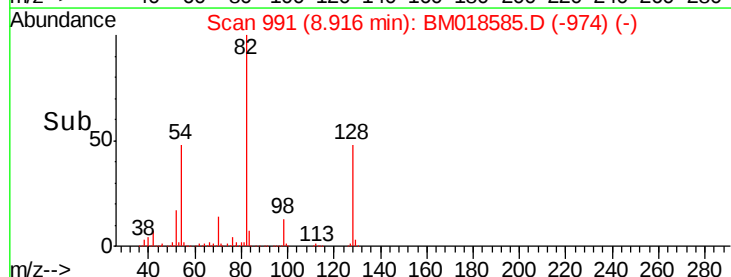
54 47.9 41.7 62.5

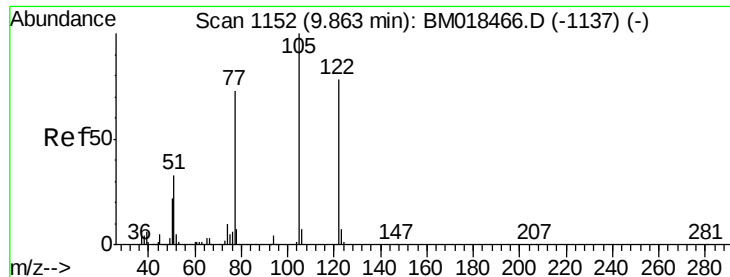


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

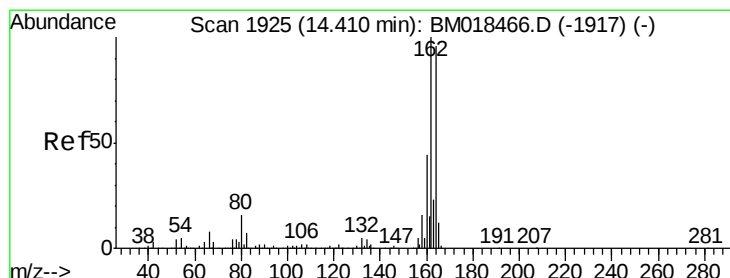
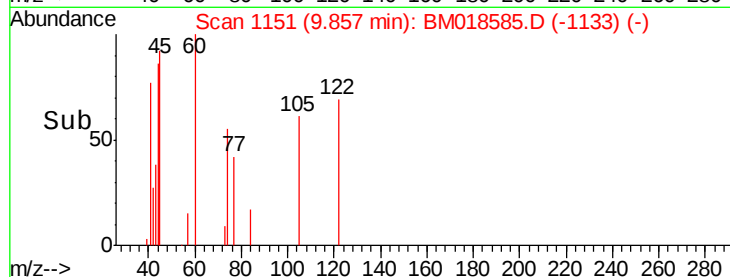
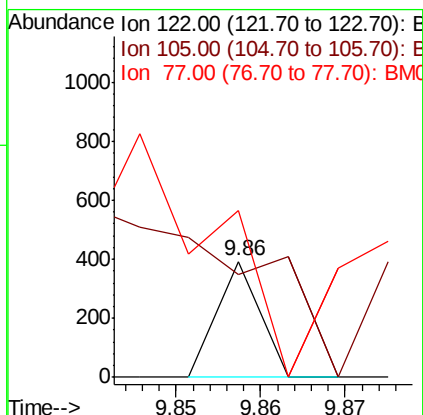
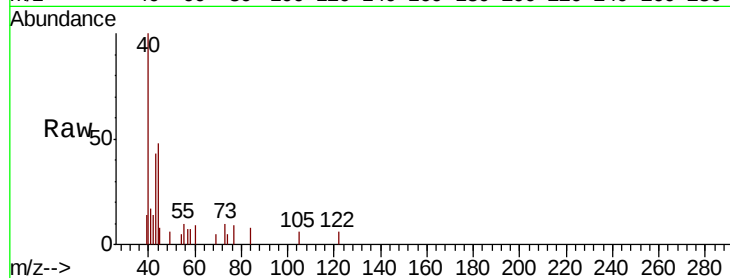




#32
Benzoic acid
Concen: 6.518 ng
RT: 9.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BM018585.D
Acq: 16 Jan 2019 16:14

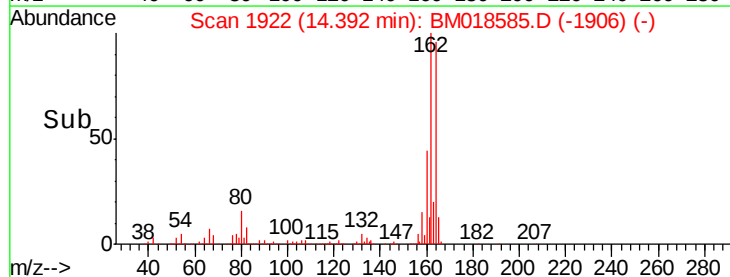
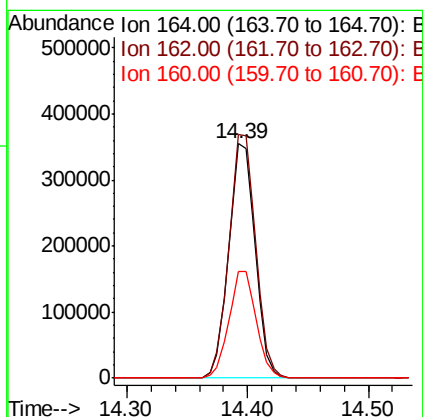
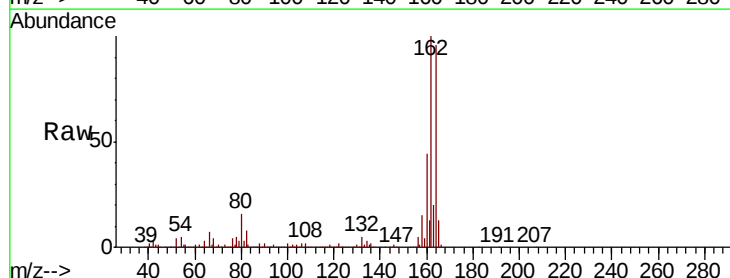
Instrument :
BNA_M
ClientSampled :

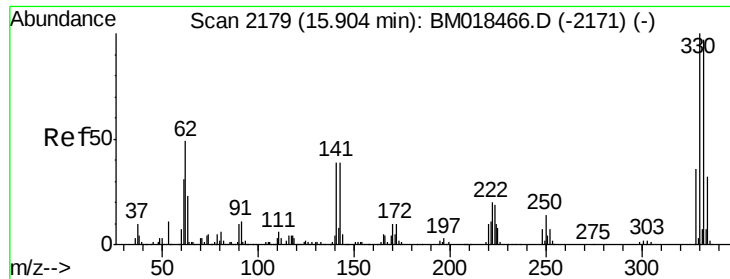
Tot Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 88.5 100.4 140.4#
77 143.8 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM018585.D
Acq: 16 Jan 2019 16:14

Tgt Ion:164 Resp: 540333
Ion Ratio Lower Upper
164 100
162 103.8 83.0 124.4
160 45.7 37.1 55.7

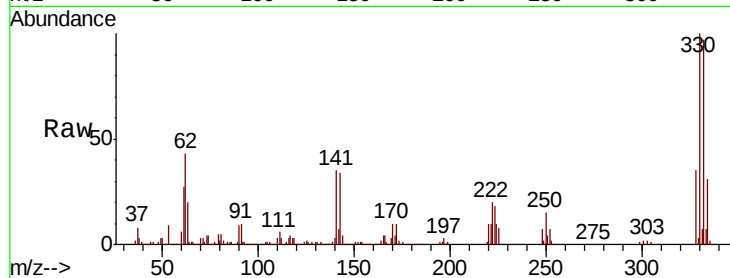




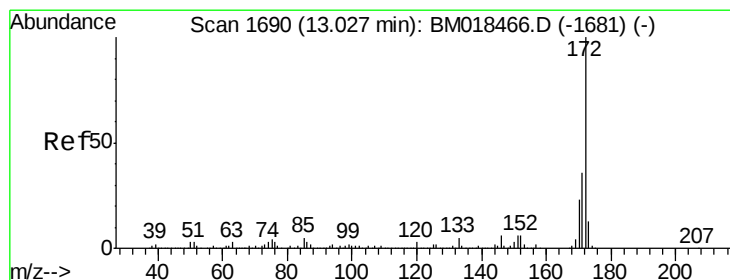
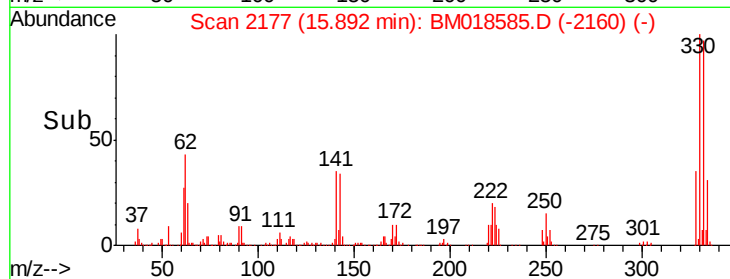
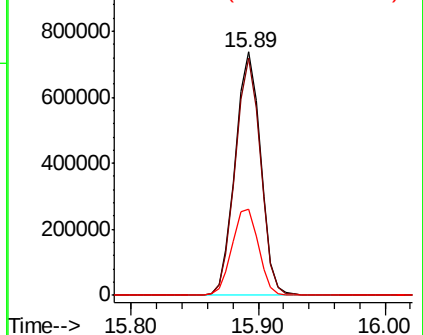
#42
 2,4,6-Tribromophenol
 Concen: 149.016 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BM018585.D
 Acq: 16 Jan 2019 16:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1025226
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 37.1 31.7 47.5

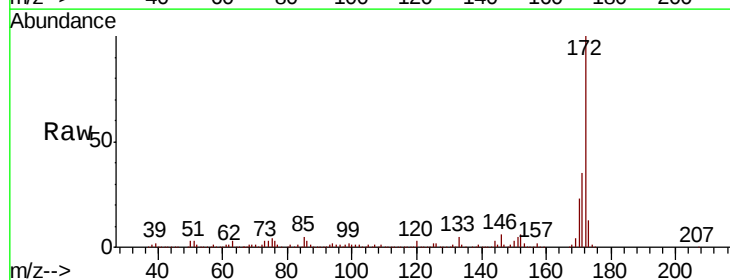


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

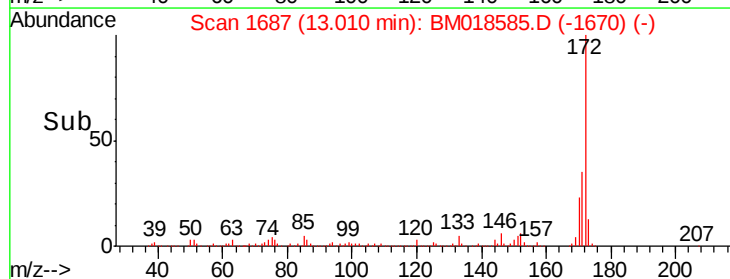
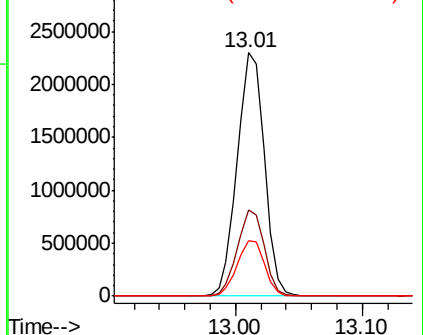


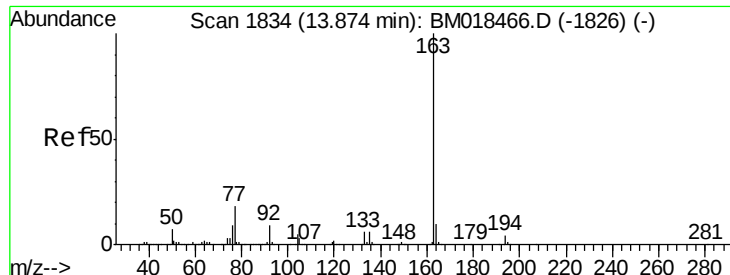
#45
 2-Fluorobiphenyl
 Concen: 82.538 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BM018585.D
 Acq: 16 Jan 2019 16:14

Tgt Ion:172 Resp: 3417825
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.0 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

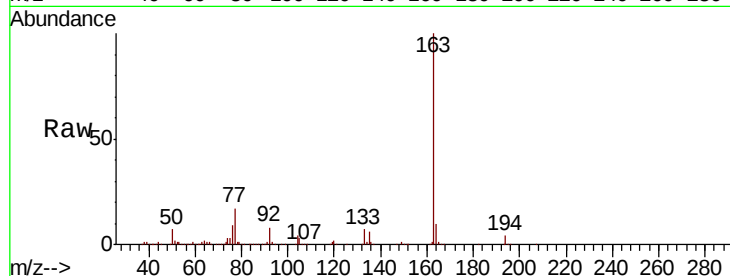




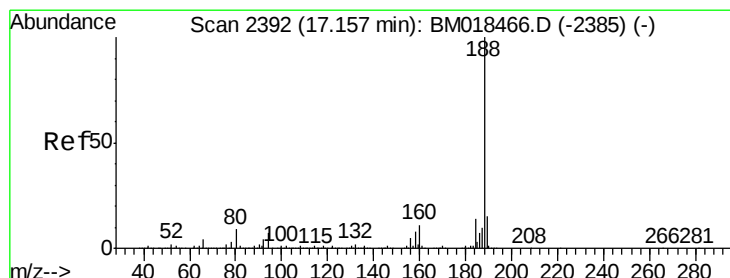
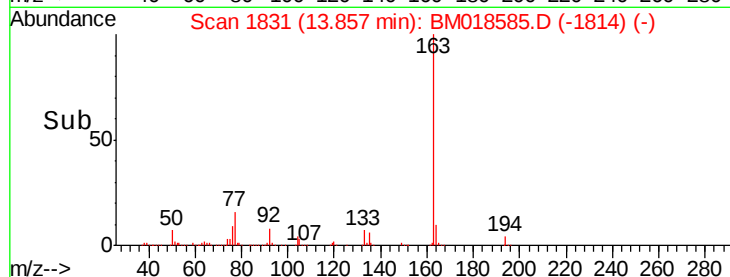
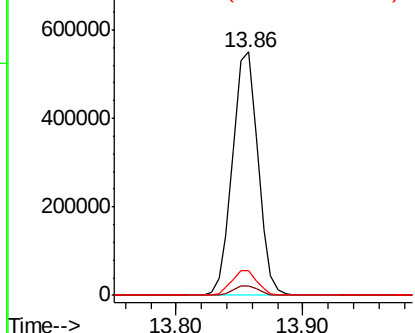
#50
Dimethylphthalate
Concen: 17.237 ng
RT: 13.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM018585.D
Acq: 16 Jan 2019 16:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 764903
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 7.8 11.8

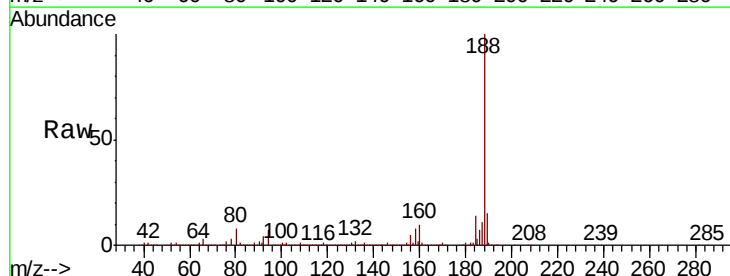


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

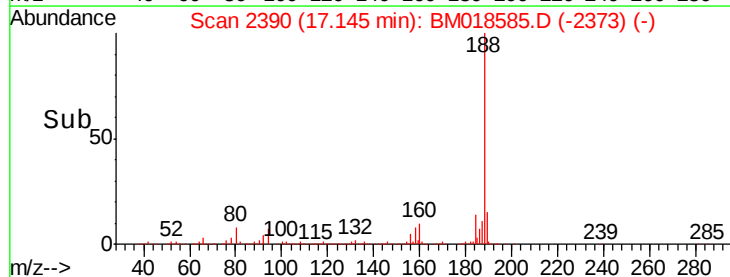
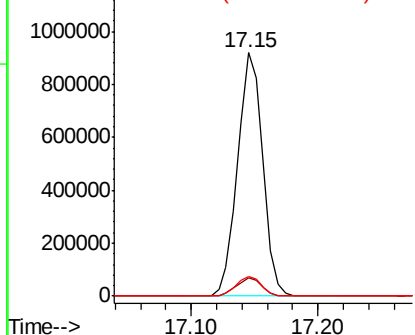


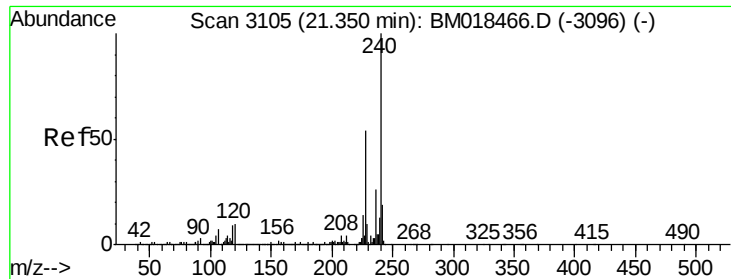
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM018585.D
Acq: 16 Jan 2019 16:14

Tgt Ion:188 Resp: 1253477
Ion Ratio Lower Upper
188 100
94 7.5 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: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM018585.D

Acq: 16 Jan 2019 16:14

Instrument :

BNA_M

ClientSampleId :

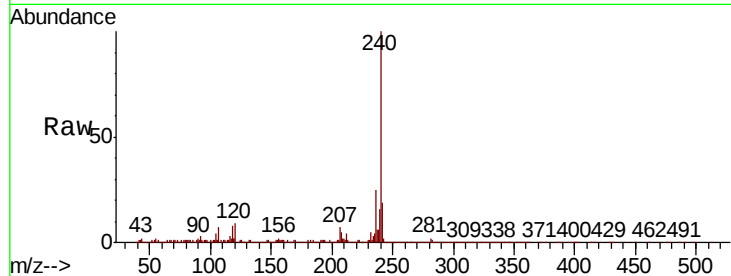
Tot Ion:240 Resp: 1488757

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

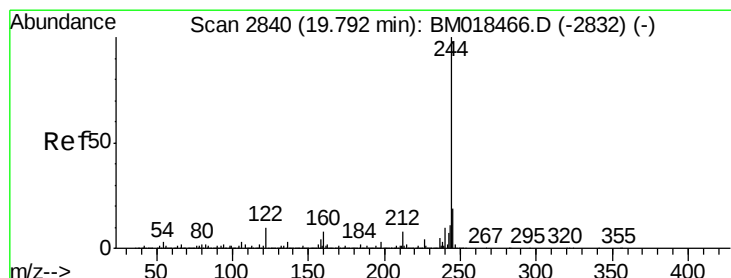
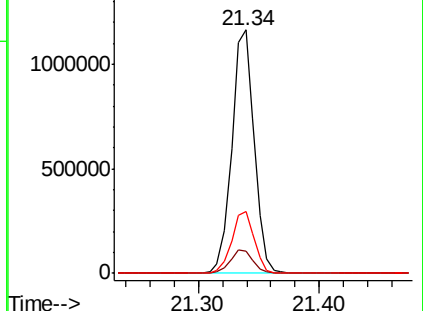
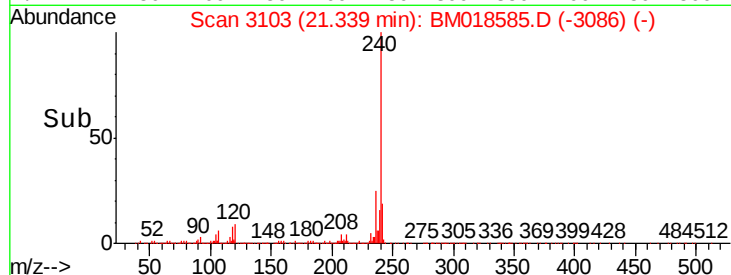
236 25.3 20.7 31.1



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: 78.206 ng

RT: 19.78 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BM018585.D

Acq: 16 Jan 2019 16:14

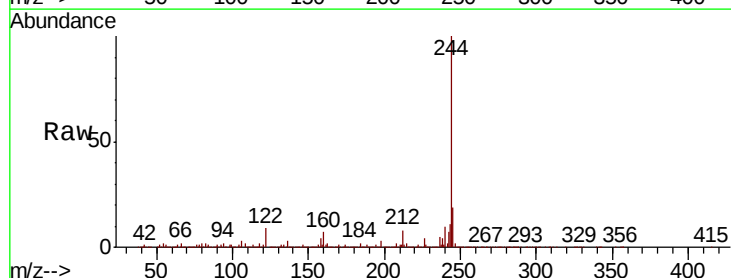
Tgt Ion:244 Resp: 5523169

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

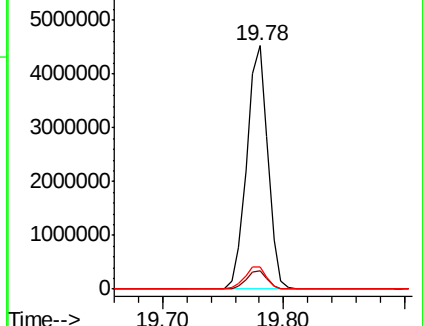
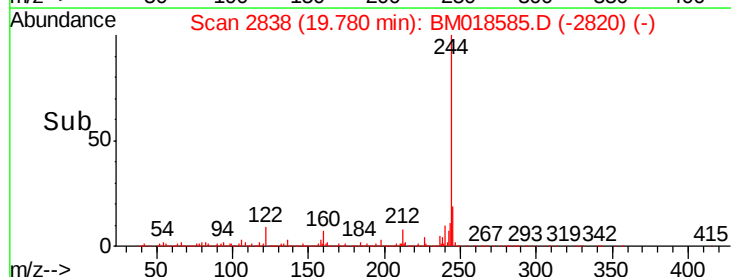
122 9.0 9.0 13.4

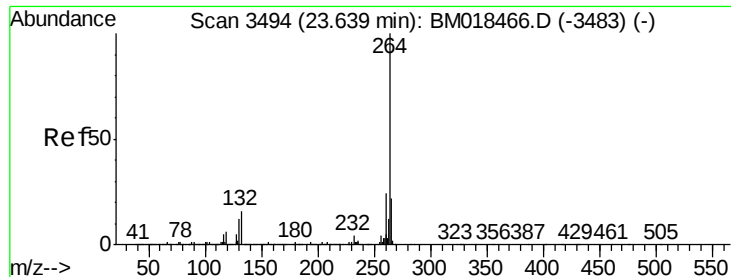


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

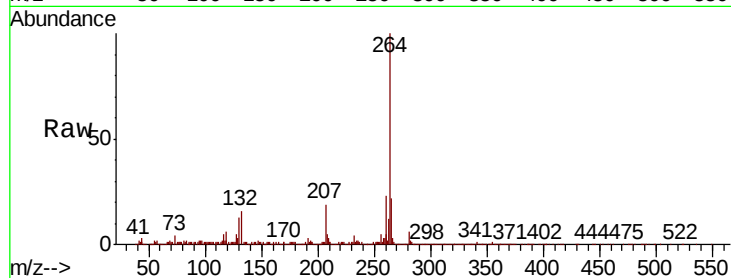




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.62 min Scan# 3490
 Delta R.T. 0.01 min
 Lab File: BM018585.D
 Acq: 16 Jan 2019 16:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1448084
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.3 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
 1000000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

