

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018913.D
 Acq On : 25 Feb 2019 13:35
 Operator : JU/SJ
 Sample : K1586-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-1

Quant Time: Feb 25 16:18:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

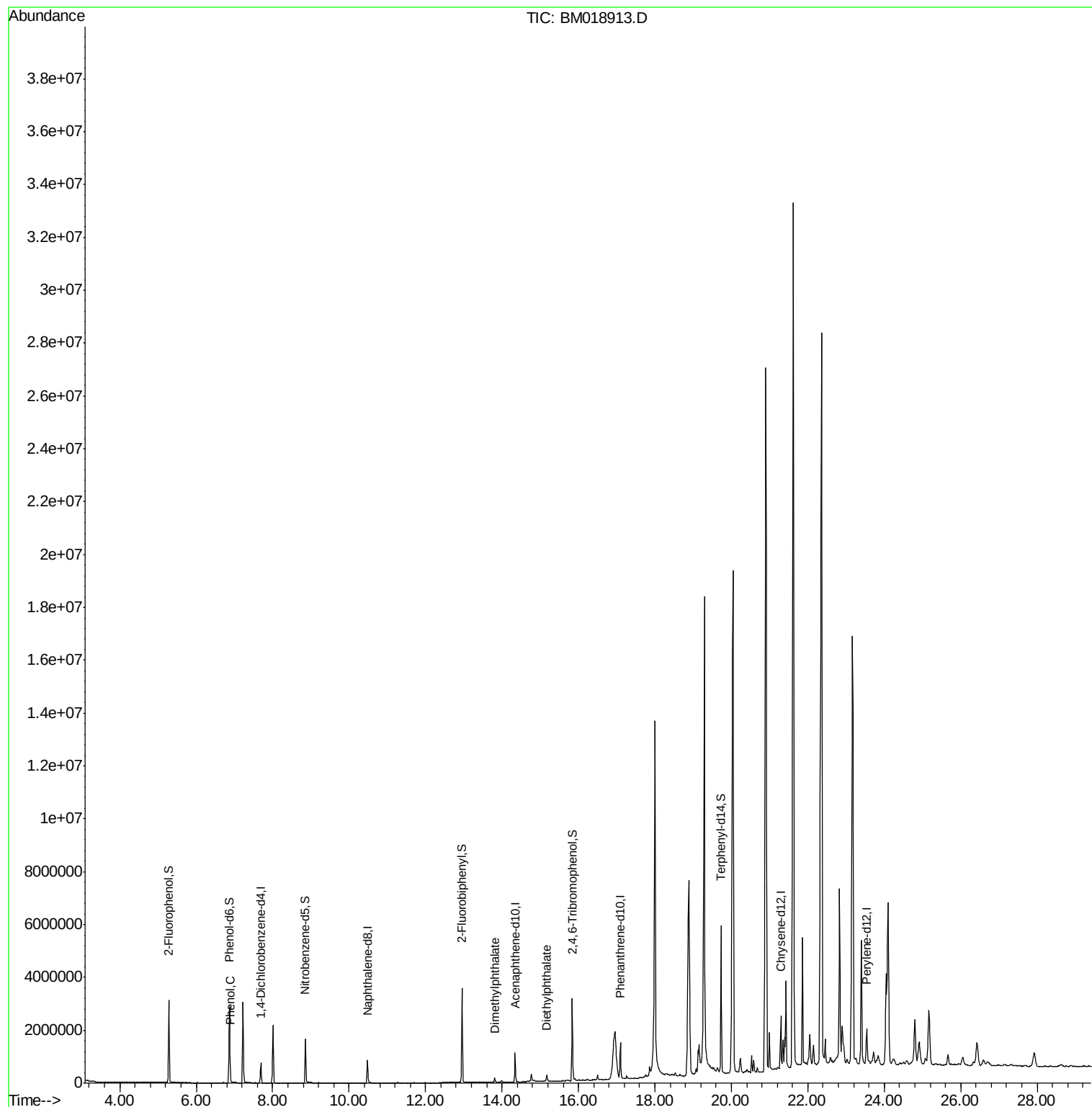
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	184996	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	695582	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	357743	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	774600	20.00	ng	0.00
76) Chrysene-d12	21.29	240	856918	20.00	ng	0.00
87) Perylene-d12	23.54	264	967508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1238373	109.68	ng	0.00
7) Phenol-d6	6.87	99	1653632	103.96	ng	0.00
23) Nitrobenzene-d5	8.86	82	1048268	69.68	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	550266	106.71	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	1725783	64.04	ng	0.00
79) Terphenyl-d14	19.73	244	2416103	58.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	4224	Below Cal		Qvalue # 7
10) Phenol	6.89	94	52191	3.118	ng	86
50) Dimethylphthalate	13.80	163	107529	3.607	ng	97
60) Diethylphthalate	15.17	149	169050	5.497	ng	97

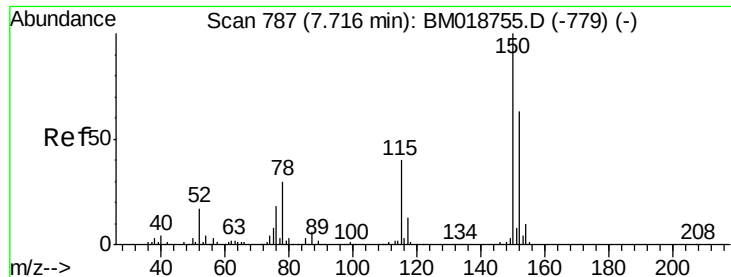
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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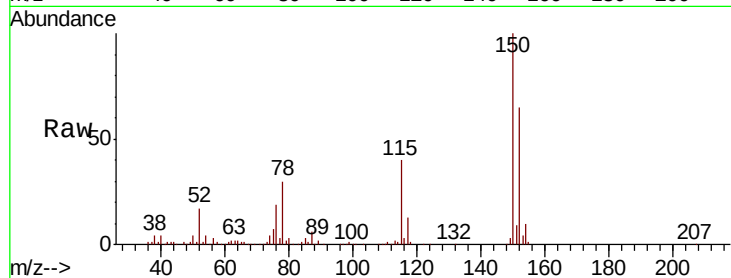


#1

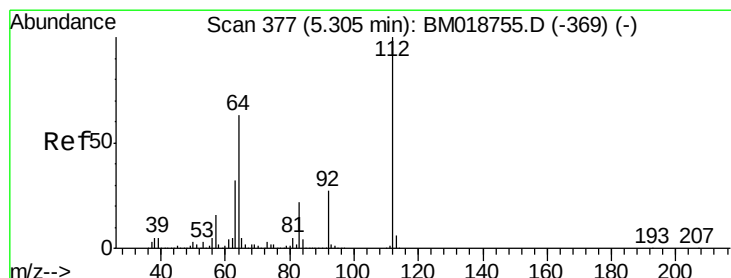
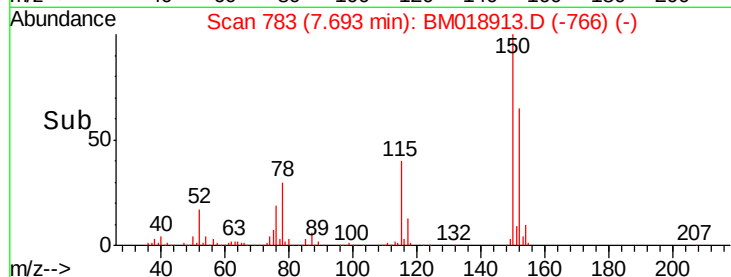
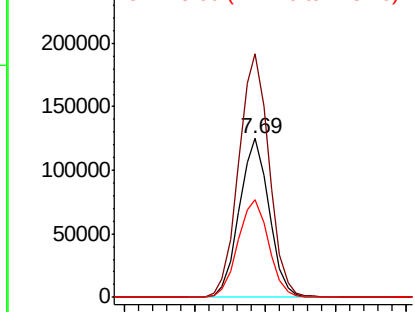
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Instrument :
BNA_M
ClientSampled :
M-1

Tot Ion:152 Resp: 184996
Ion Ratio Lower Upper
152 100
150 153.5 127.3 190.9
115 61.4 50.8 76.2



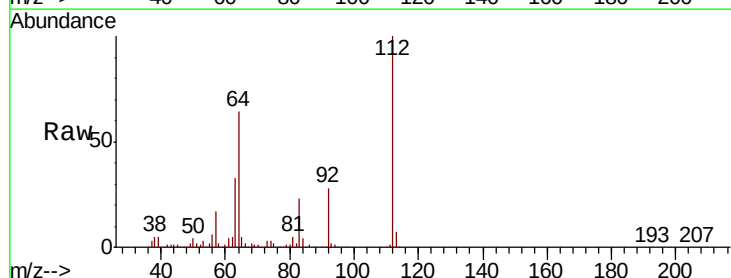
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



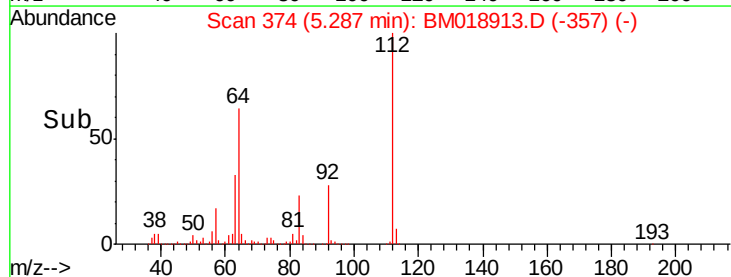
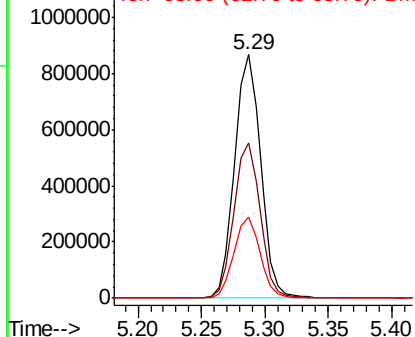
#5

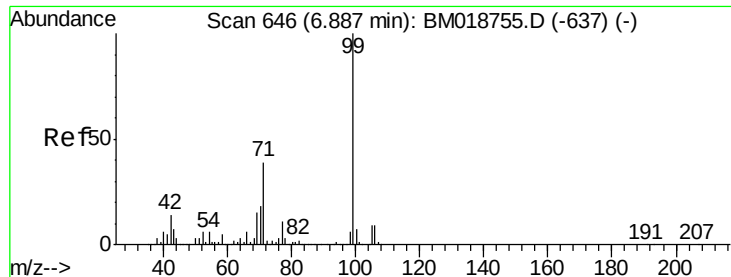
2-Fluorophenol
Concen: 109.680 ng
RT: 5.29 min Scan# 374
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Tgt Ion:112 Resp: 1238373
Ion Ratio Lower Upper
112 100
64 63.6 50.6 75.8
63 33.3 25.7 38.5



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: 103.964 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018913.D

Acq: 25 Feb 2019 13:35

Instrument :

BNA_M

ClientSampled :

M-1

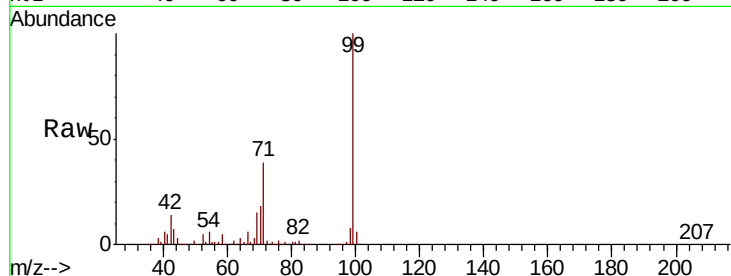
Tot Ion: 99 Resp: 1653632

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

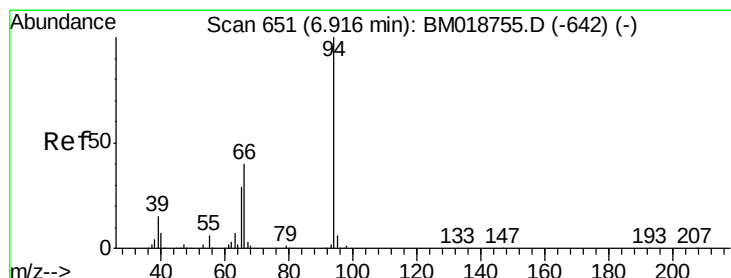
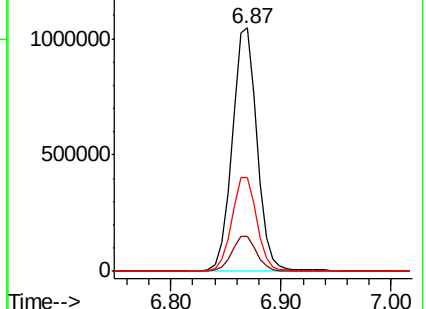
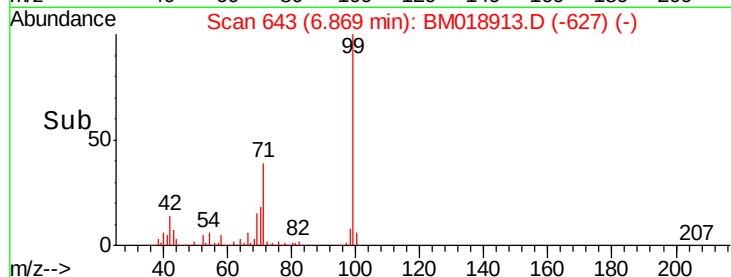
71 38.8 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 3.118 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018913.D

Acq: 25 Feb 2019 13:35

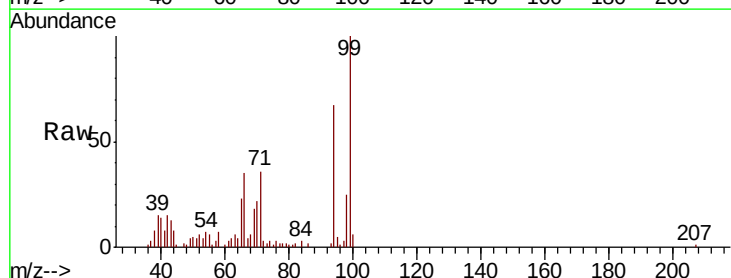
Tgt Ion: 94 Resp: 52191

Ion Ratio Lower Upper

94 100

65 34.5 9.6 49.6

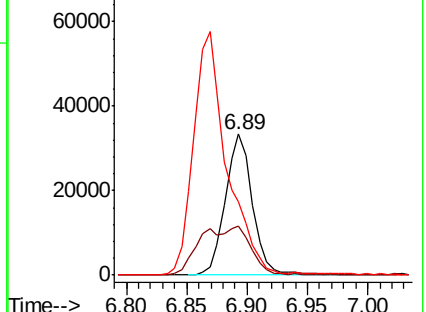
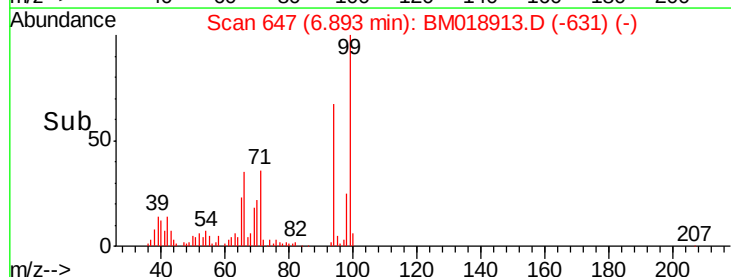
66 51.7 20.4 60.4

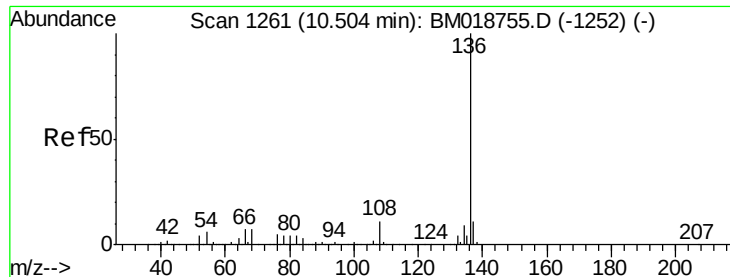


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

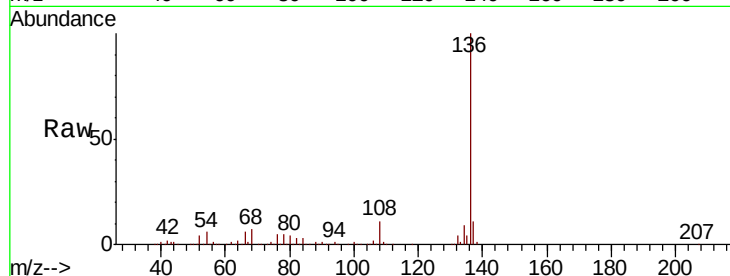




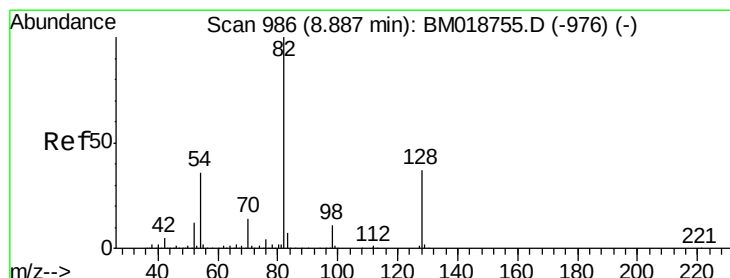
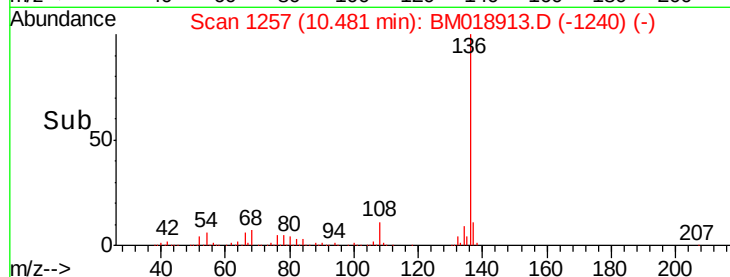
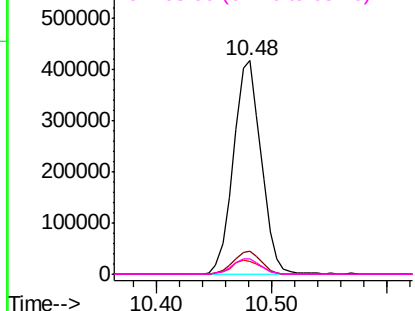
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
M-1

Tot Ion:136	Resp: 695582
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 6.3	5.0 7.6
68 7.2	5.5 8.3

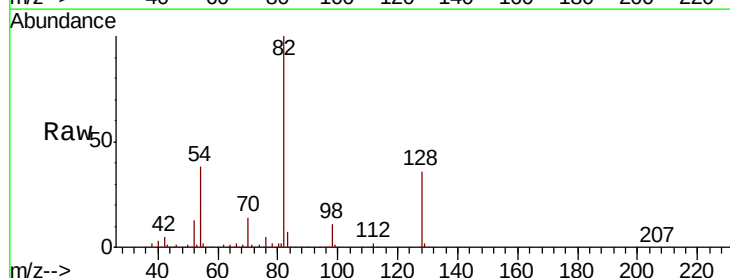


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

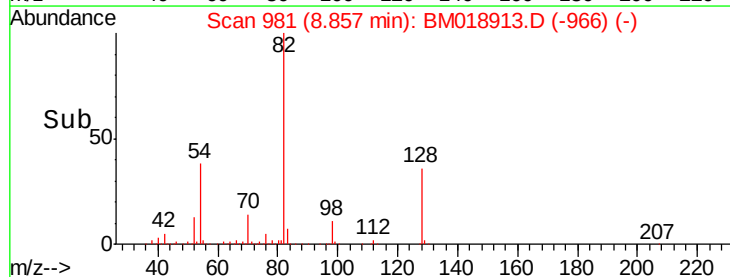
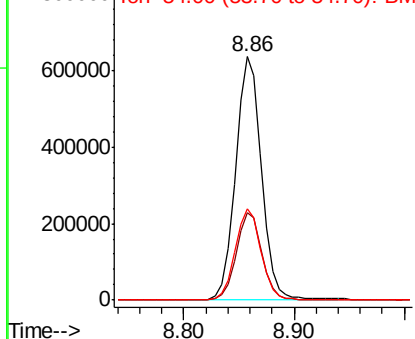


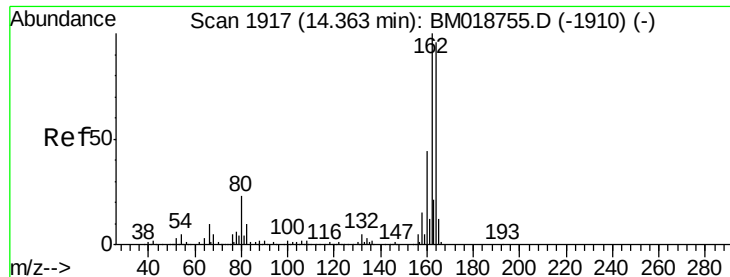
#23
Nitrobenzene-d5
Concen: 69.683 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Tgt Ion: 82	Resp: 1048268
Ion Ratio	Lower Upper
82 100	
128 36.1	29.9 44.9
54 37.7	29.1 43.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM018913.D

Acq: 25 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

M-1

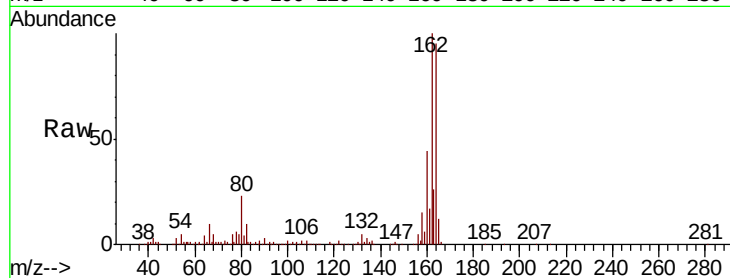
Tot Ion:164 Resp: 357743

Ion Ratio Lower Upper

164 100

162 105.4 83.4 125.0

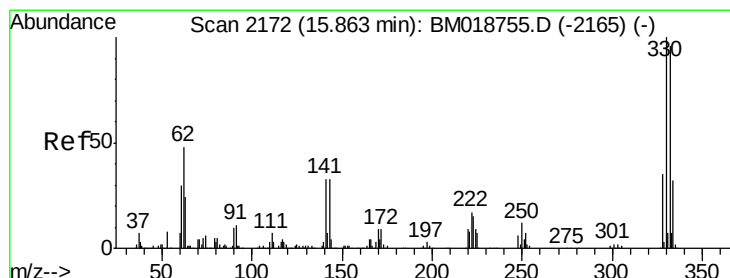
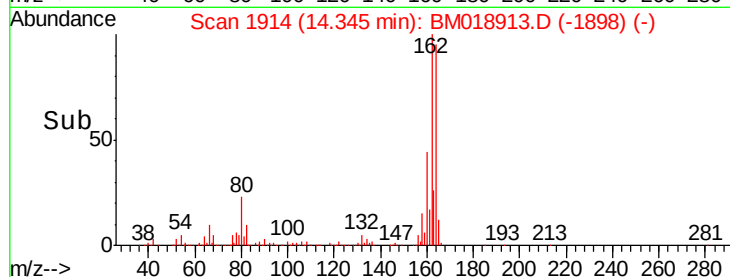
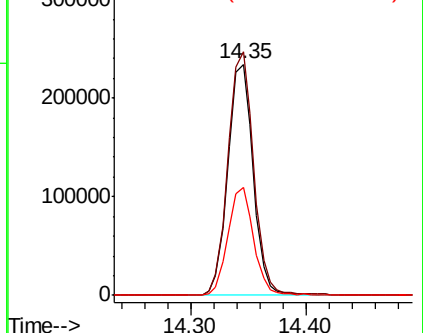
160 46.7 36.6 55.0



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: 106.708 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM018913.D

Acq: 25 Feb 2019 13:35

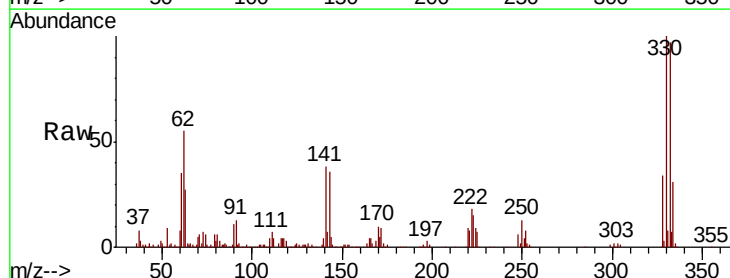
Tgt Ion:330 Resp: 550266

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

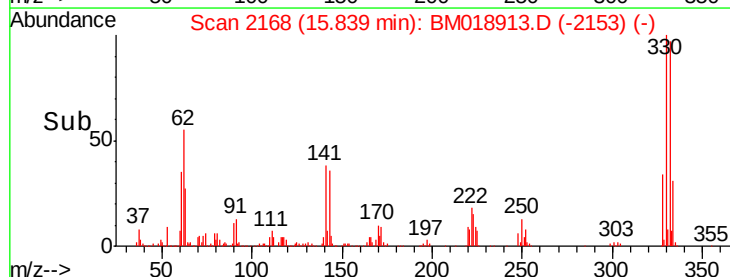
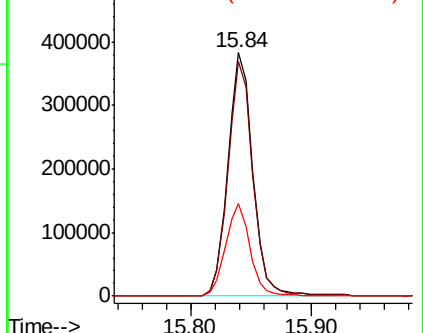
141 37.3 28.7 43.1

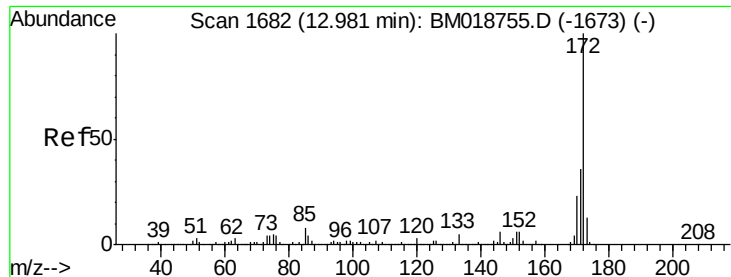


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

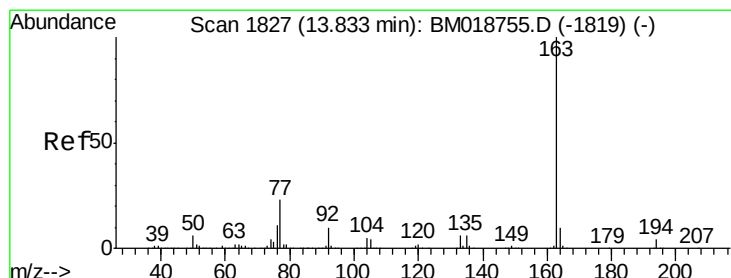
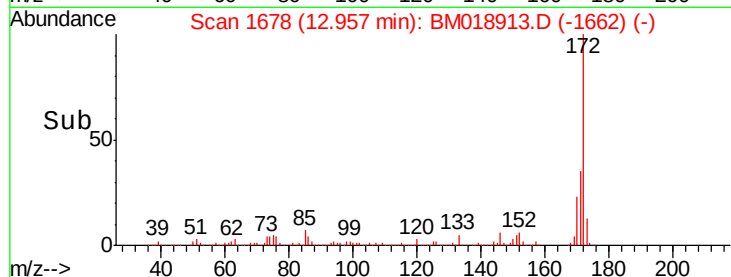
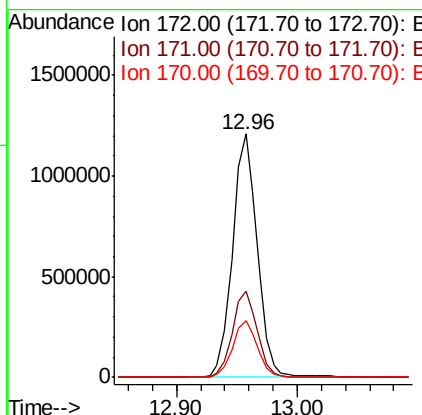
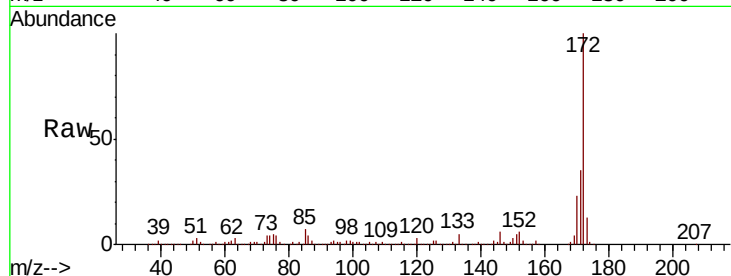




#45
2-Fluorobiphenyl
Concen: 64.039 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

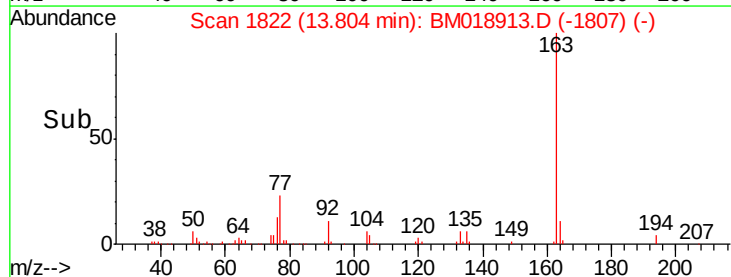
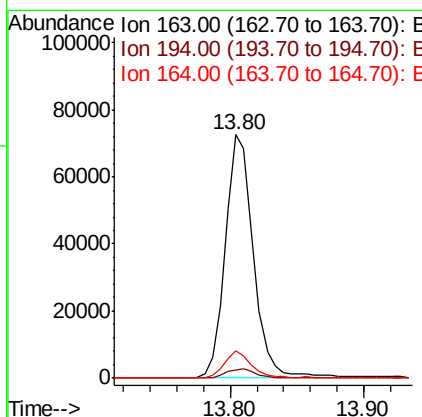
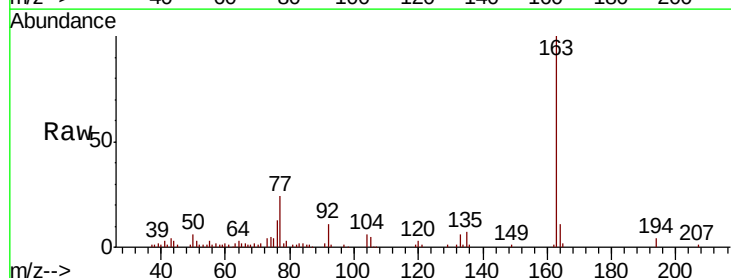
Instrument :
BNA_M
ClientSampleId :
M-1

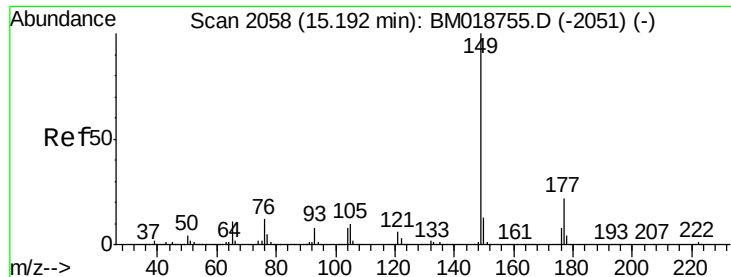
Tot Ion:172 Resp: 1725783
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.3 18.6 28.0



#50
Dimethylphthalate
Concen: 3.607 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Tgt Ion:163 Resp: 107529
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 11.2 7.8 11.8

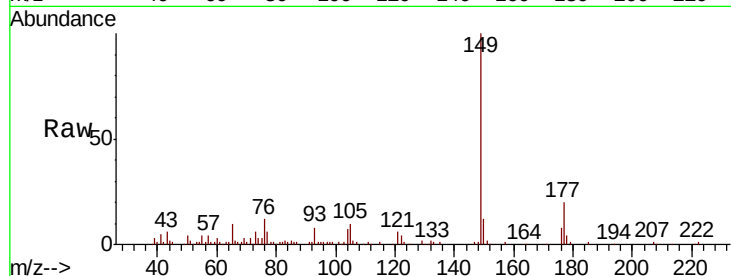




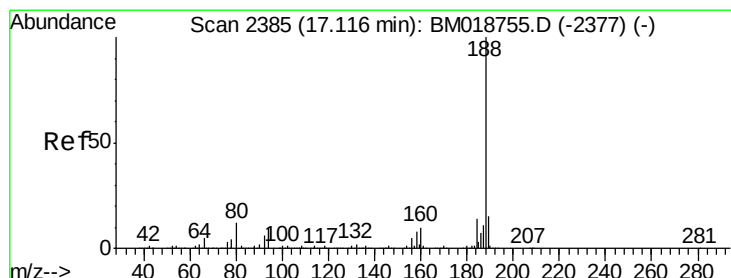
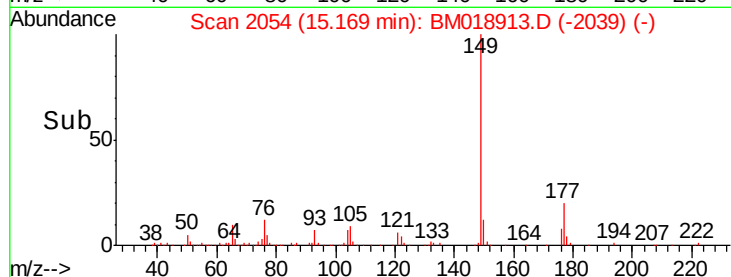
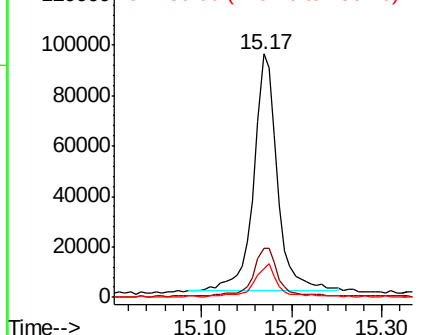
#60
Diethylphthalate
Concen: 5.497 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
M-1

Tot Ion:149 Resp: 169050
Ion Ratio Lower Upper
149 100
177 20.0 17.2 25.8
150 11.9 10.2 15.2

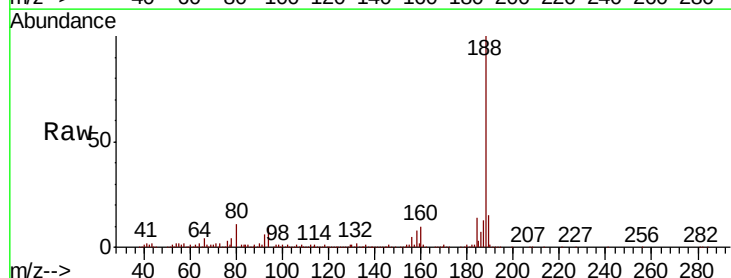


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

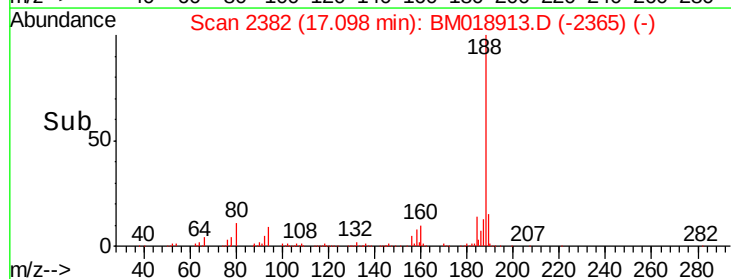
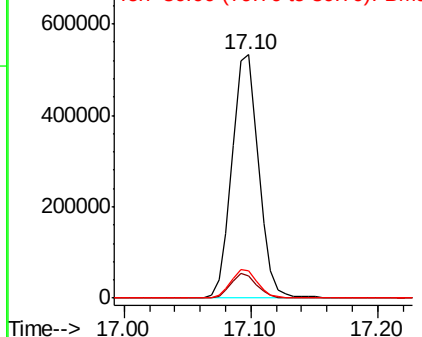


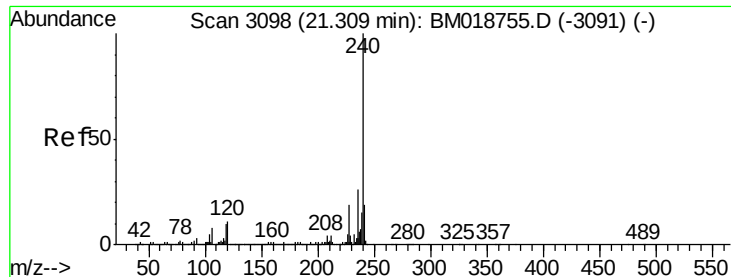
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Tgt Ion:188 Resp: 774600
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 11.5 9.7 14.5



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: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM018913.D

Acq: 25 Feb 2019 13:35

Instrument :

BNA_M

ClientSampleId :

M-1

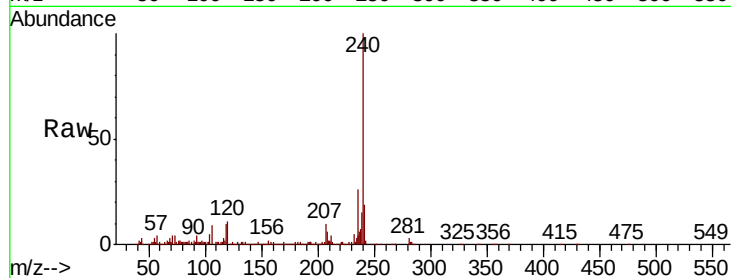
Tot Ion:240 Resp: 856918

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

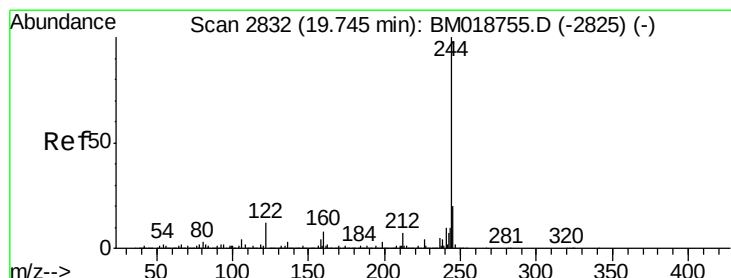
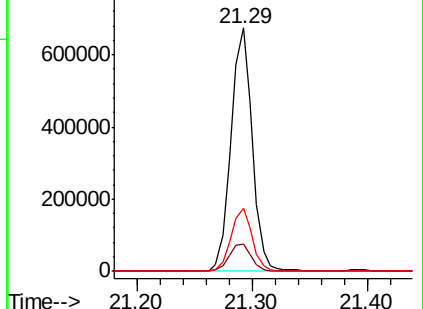
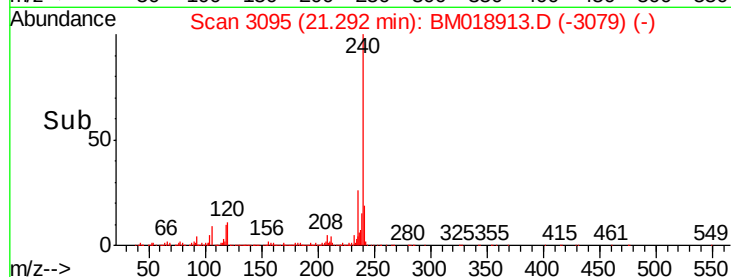
236 26.2 20.9 31.3



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: 58.164 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018913.D

Acq: 25 Feb 2019 13:35

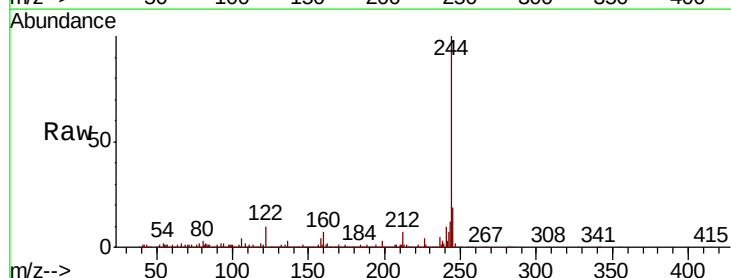
Tgt Ion:244 Resp: 2416103

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

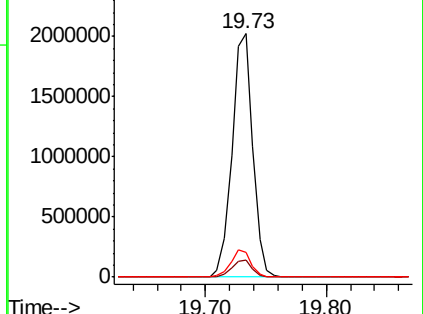
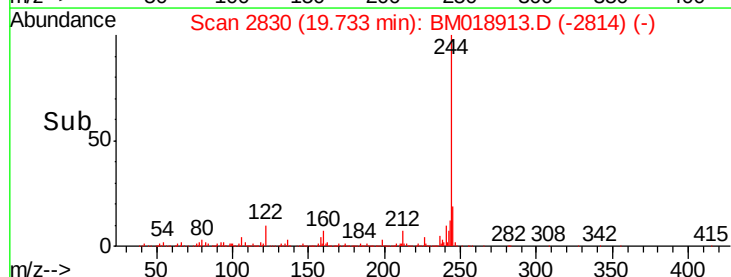
122 10.2 9.3 13.9

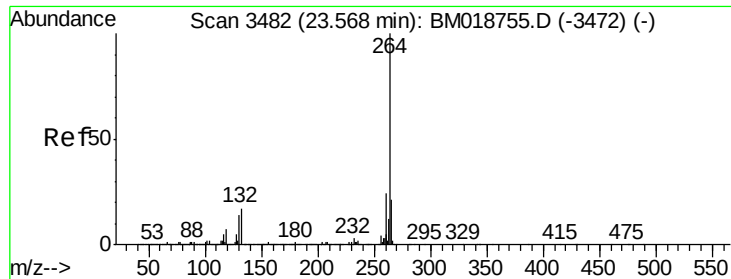


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

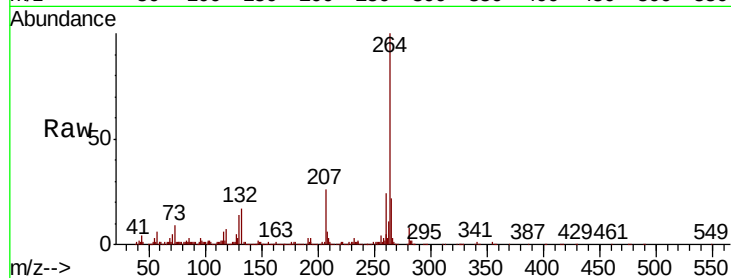




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

Instrument :
BNA_M
ClientSampleId :
M-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.1	17.3	25.9



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

