

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 16:22:27 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

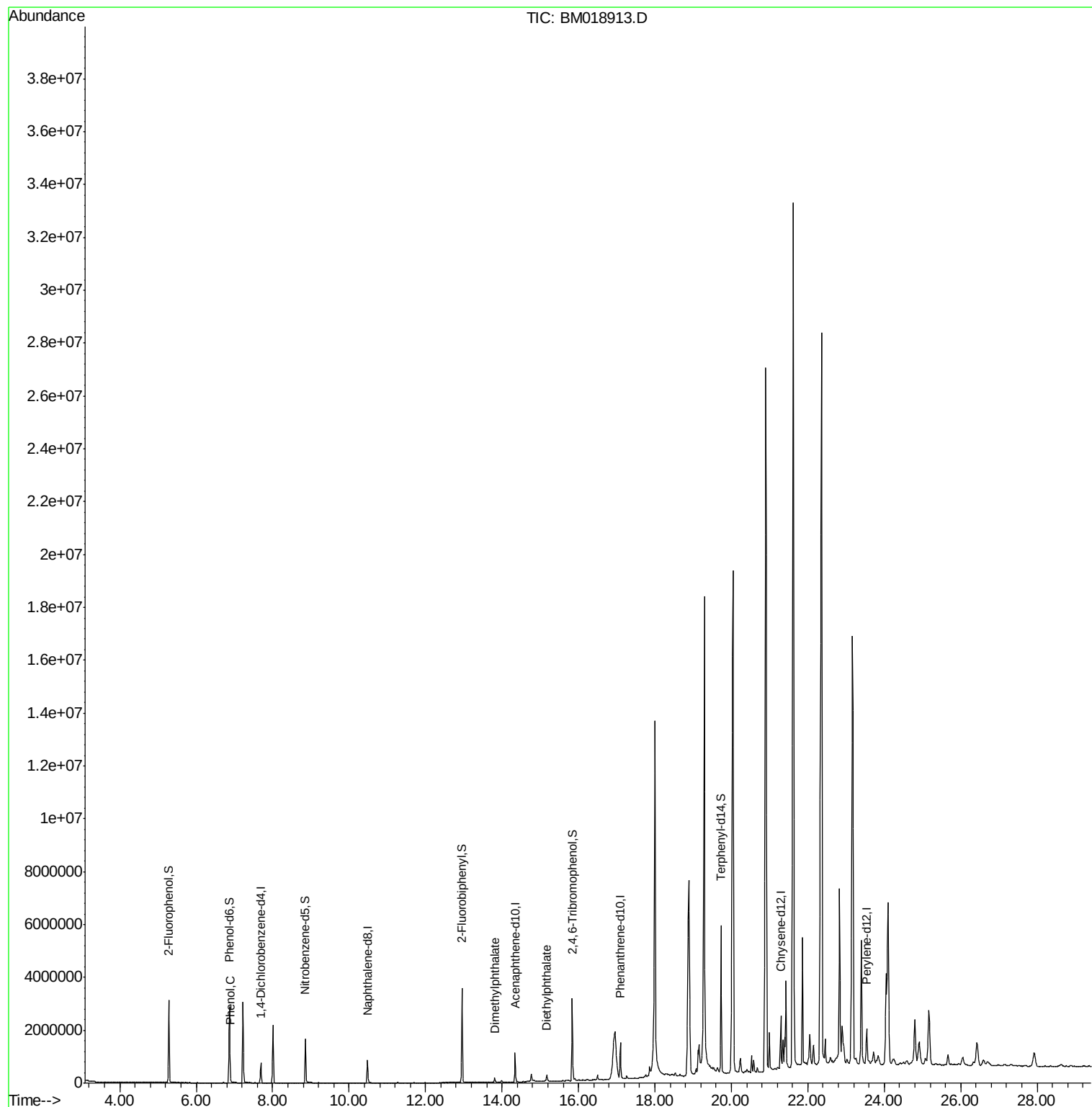
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	184996	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	695582	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	357743	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	774600	20.00	ng	0.00
76) Chrysene-d12	21.29	240	856918	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						
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

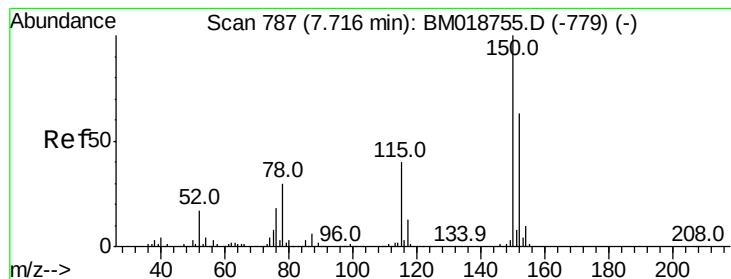
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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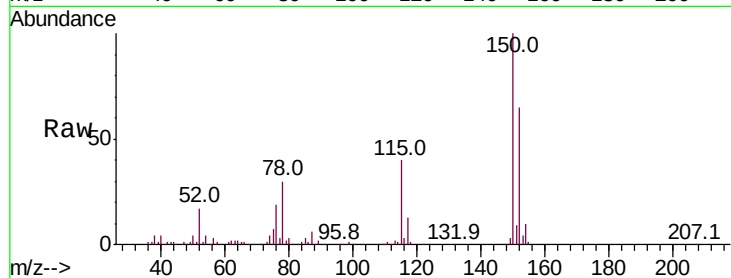


#1

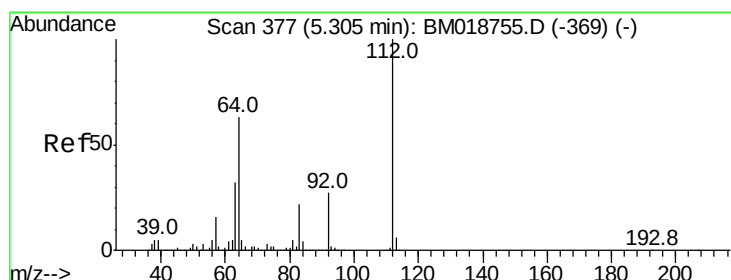
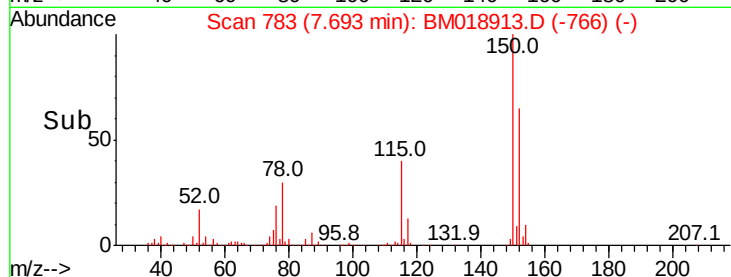
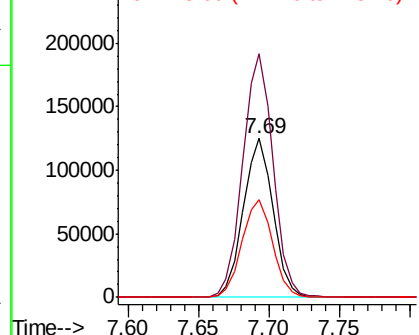
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

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



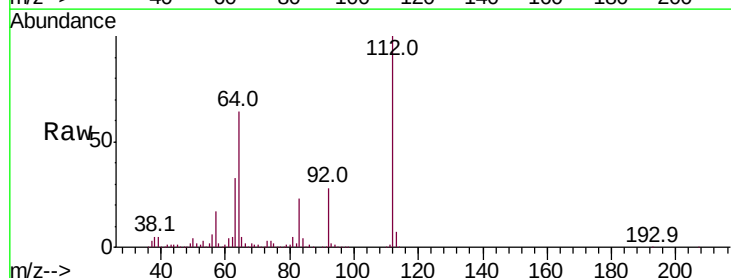
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



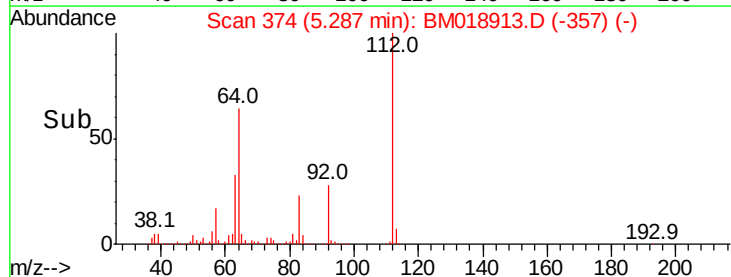
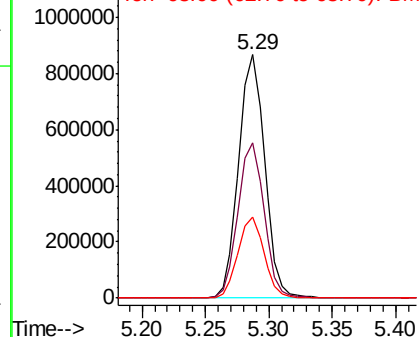
#5

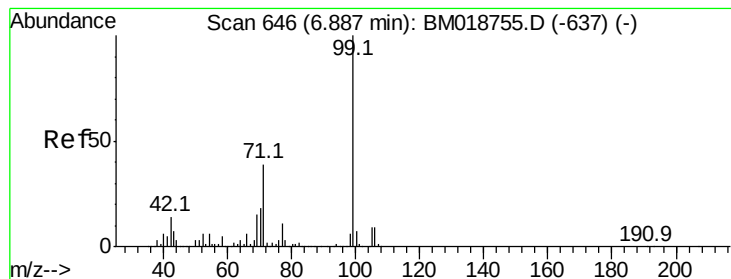
2-Fluorophenol
Concen: 109.680 ng
RT: 5.29 min Scan# 374
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

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

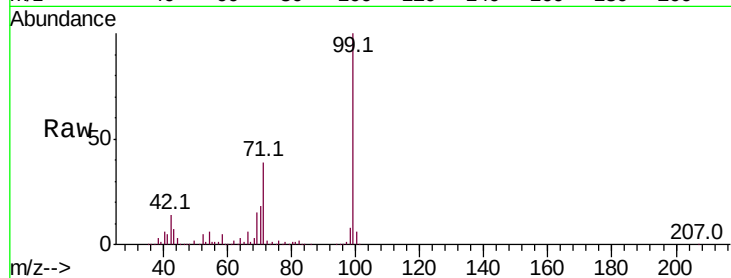
Tot Ion: 99 Resp: 1653632

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

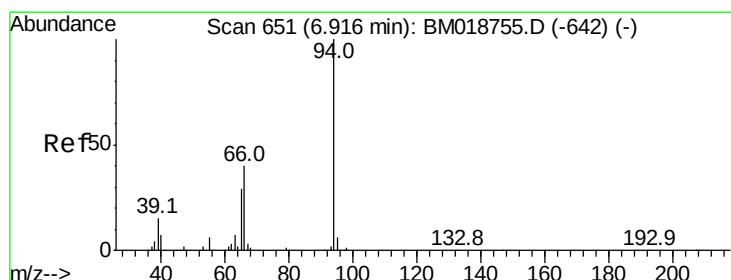
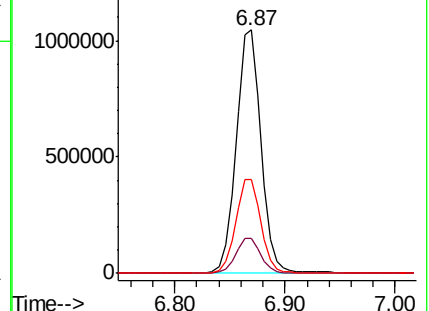
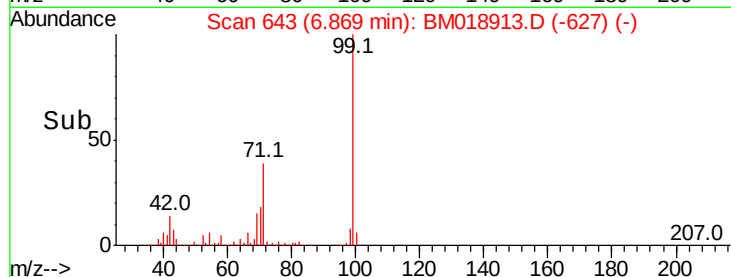
71 38.8 31.3 46.9



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

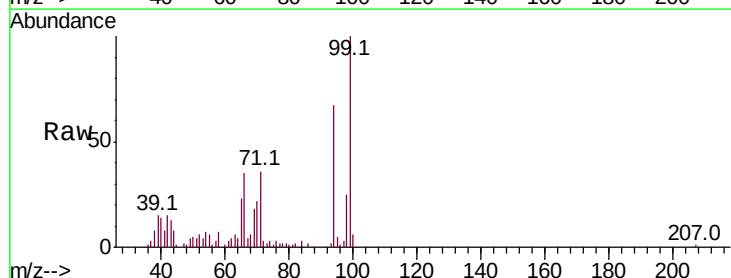
Tgt Ion: 94 Resp: 52191

Ion Ratio Lower Upper

94 100

65 34.5 9.6 49.6

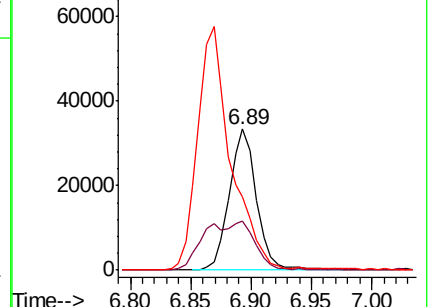
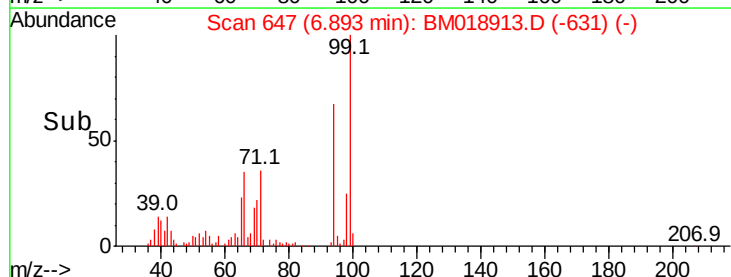
66 51.7 20.4 60.4

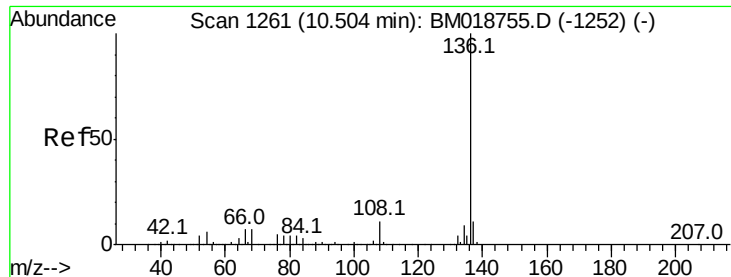


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

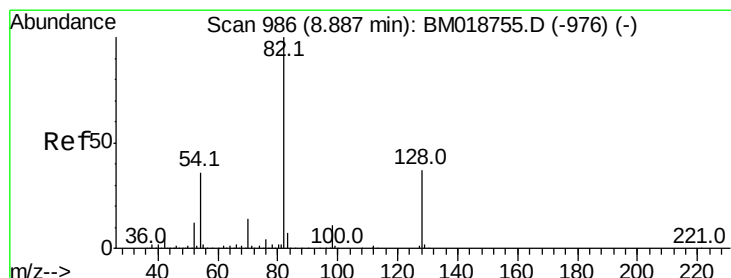
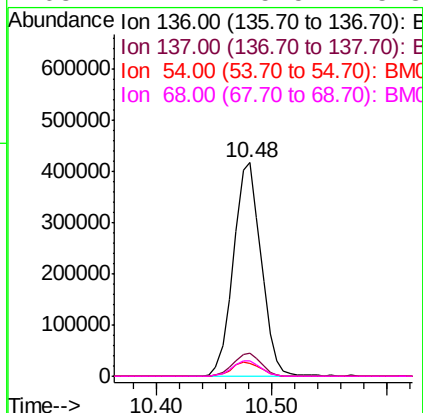
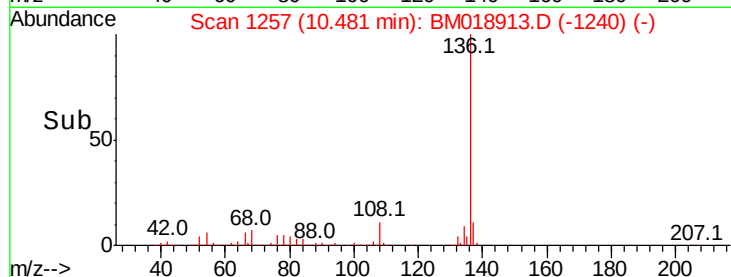
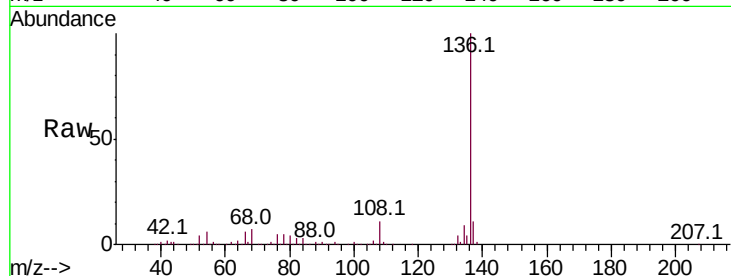




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

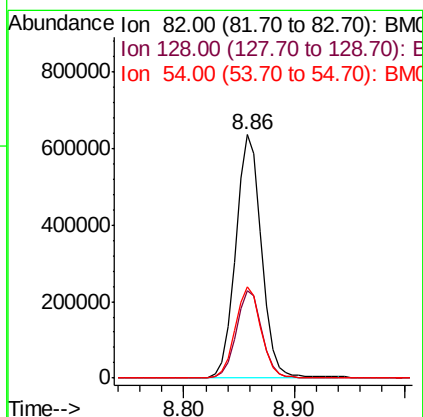
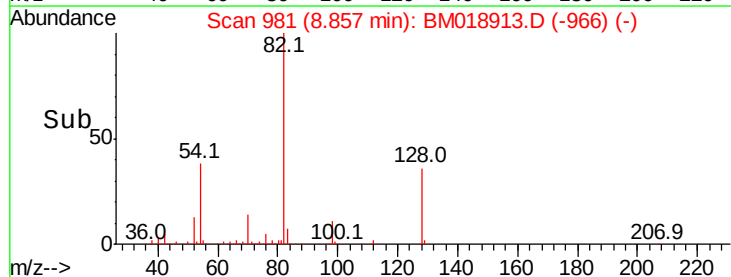
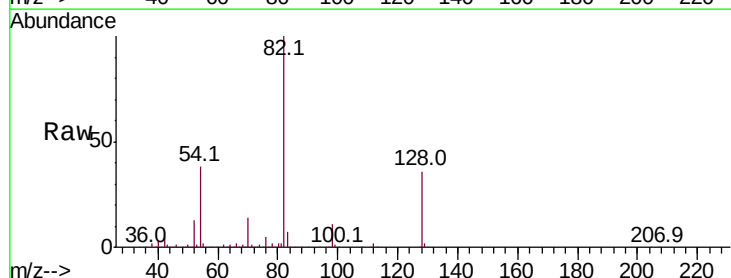
Instrument :
BNA_M
ClientSampleId :
M-1

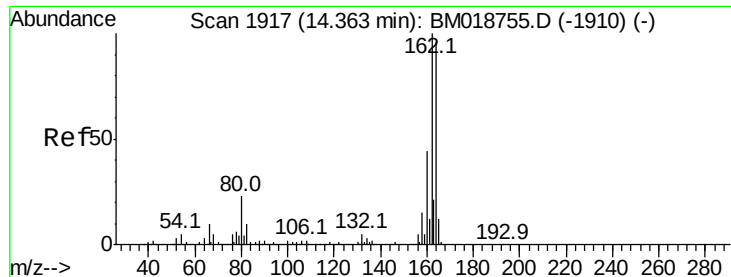
Tot Ion:136	Resp: 695582
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 6.3	5.0 7.6
68 7.2	5.5 8.3



#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	Ratio 100	Resp: 1048268	Lower Upper
128	36.1	29.9	44.9
54	37.7	29.1	43.7

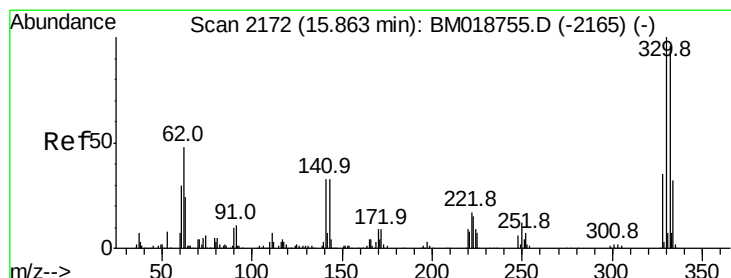
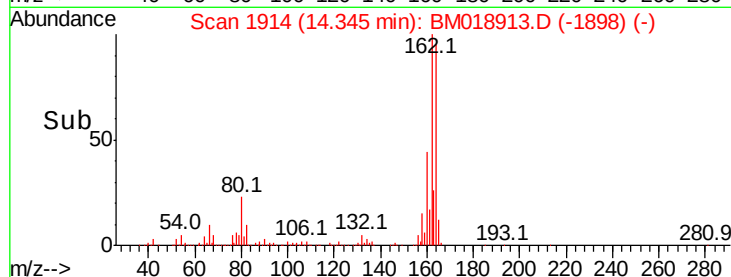
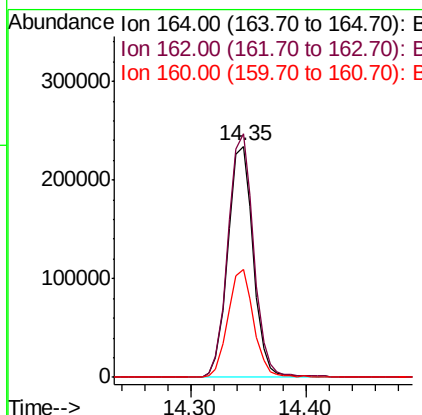
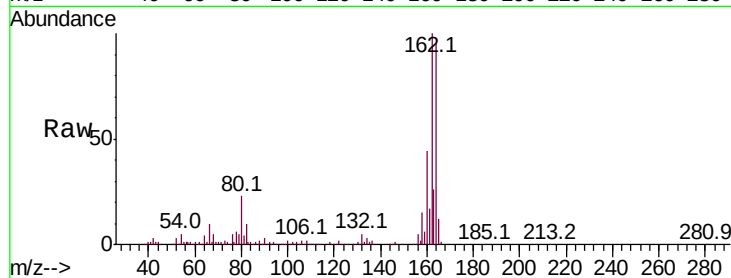




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

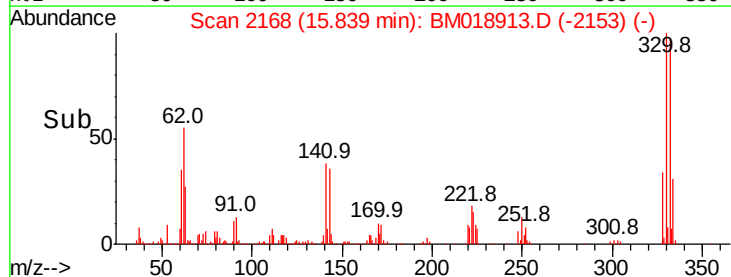
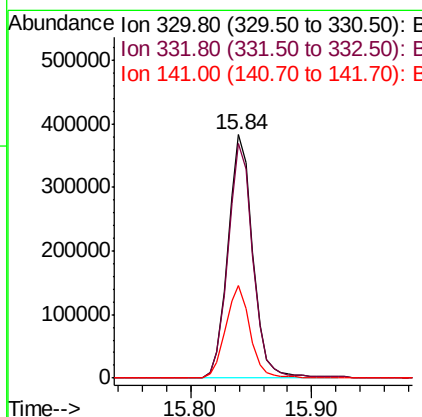
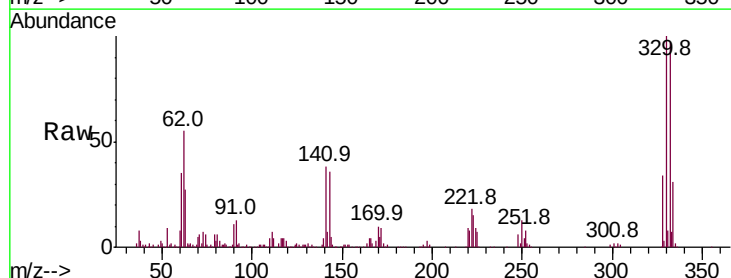
Instrument :
BNA_M
ClientSampleId :
M-1

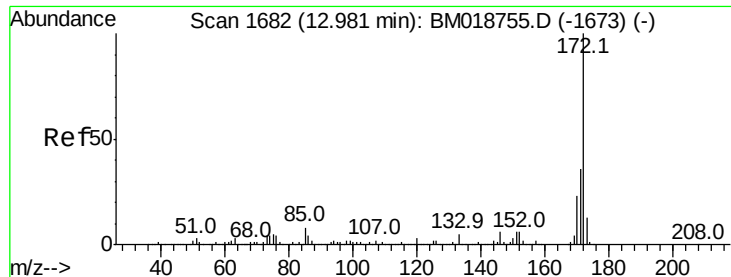
Tot Ion:164 Resp: 357743
Ion Ratio Lower Upper
164 100
162 105.4 83.4 125.0
160 46.7 36.6 55.0



#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

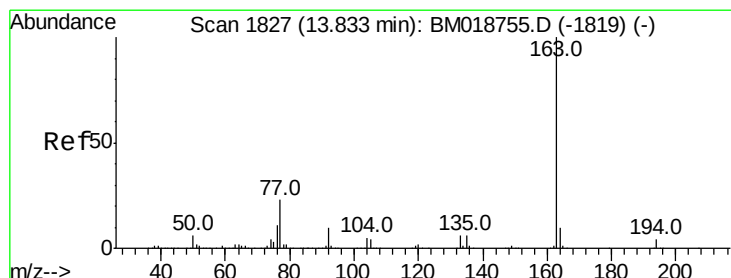
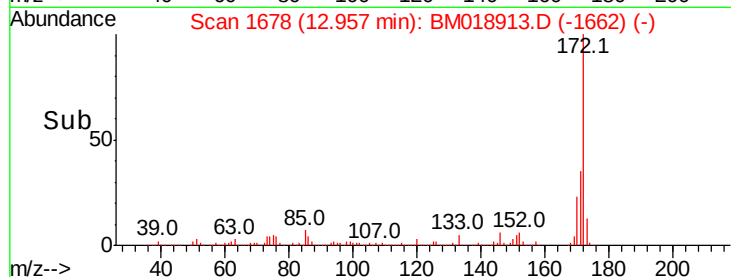
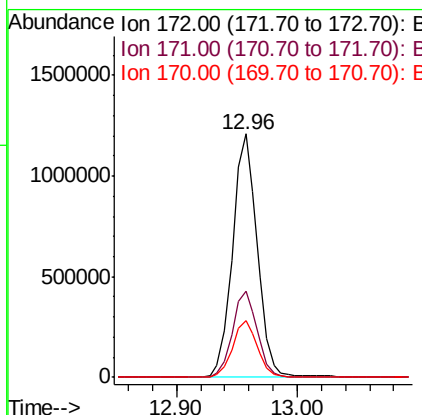
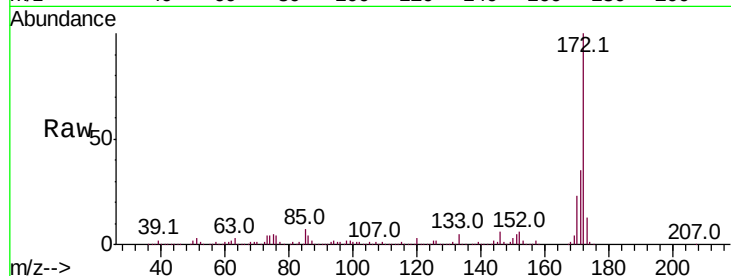




#45
2-Fluorobiphenyl
Concen: 64.039 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

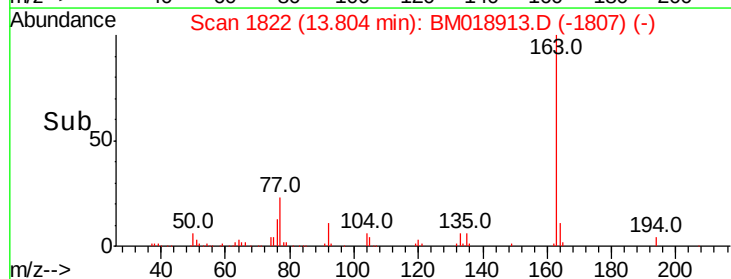
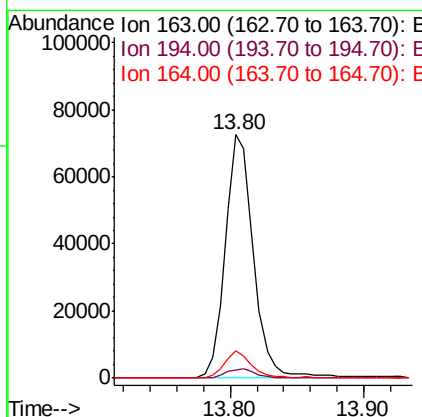
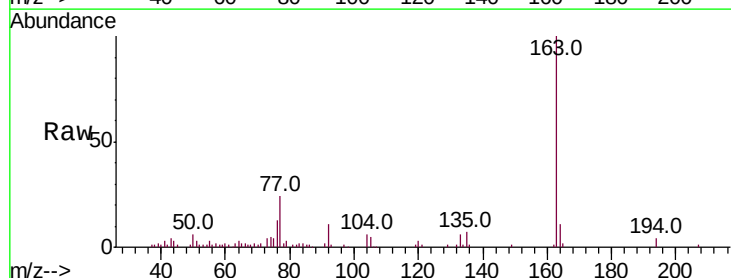
Instrument :
BNA_M
ClientSampleId :
M-1

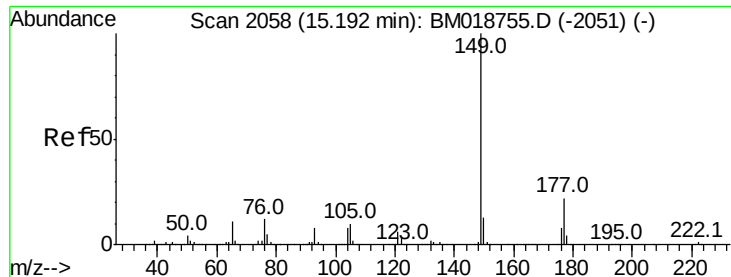
Tot Ion:172 Resp: 1725783
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.3 18.6 28.0



#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

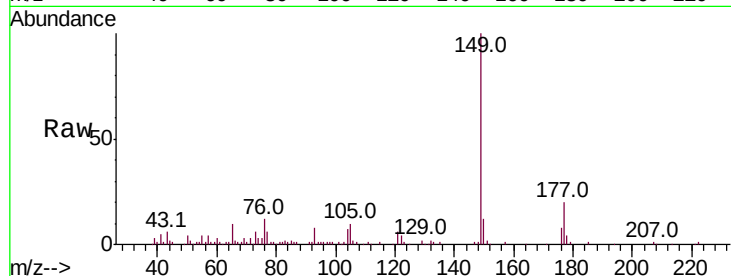




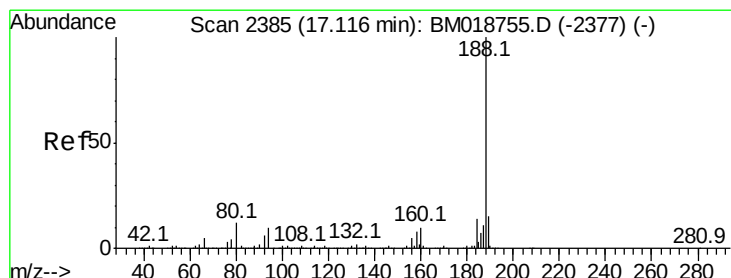
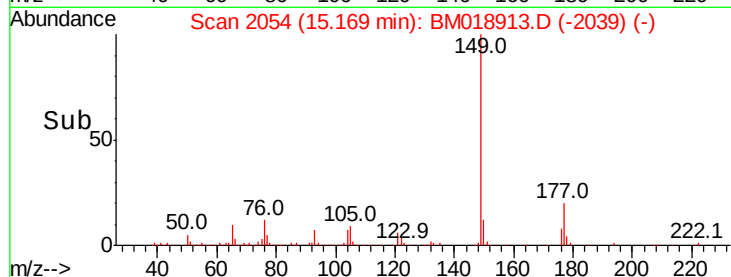
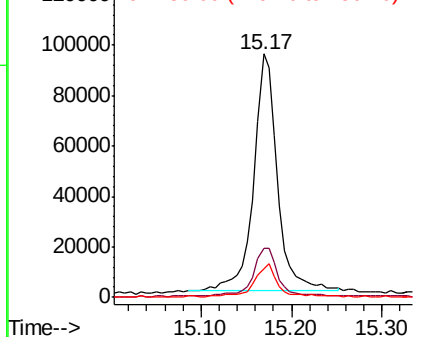
#60
Diethylphthalate
Concen: 5.497 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

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

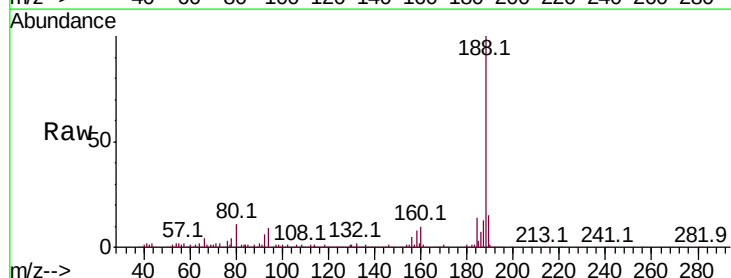


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

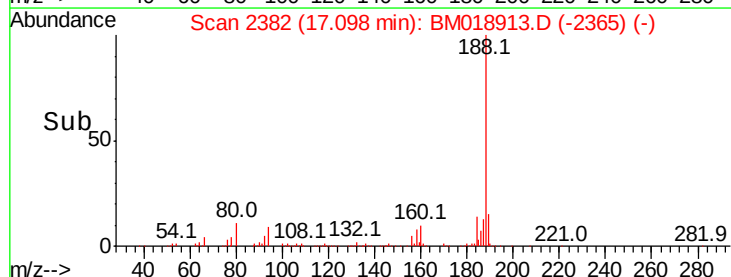
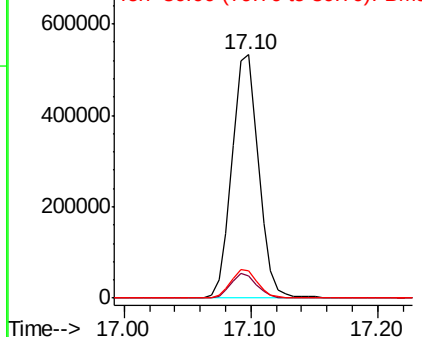


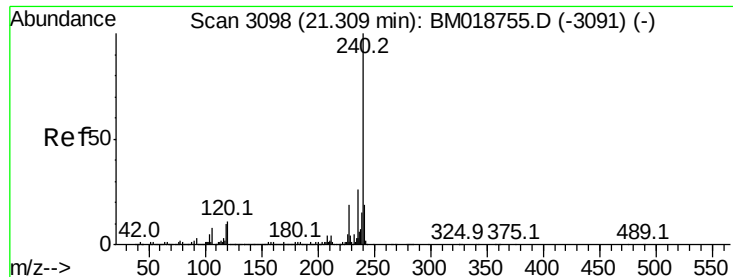
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM018913.D
Acq: 25 Feb 2019 13:35

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

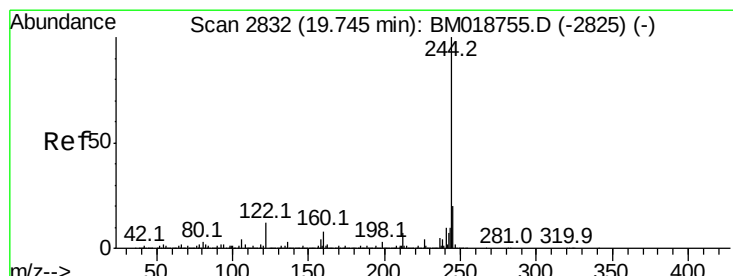
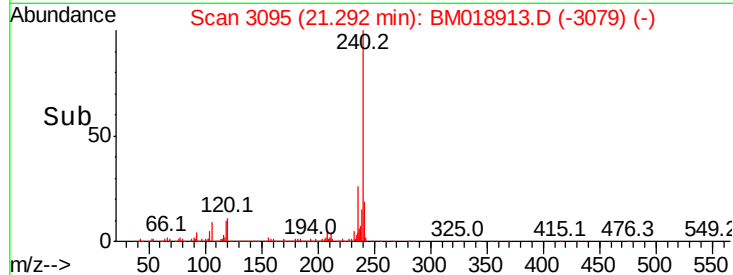
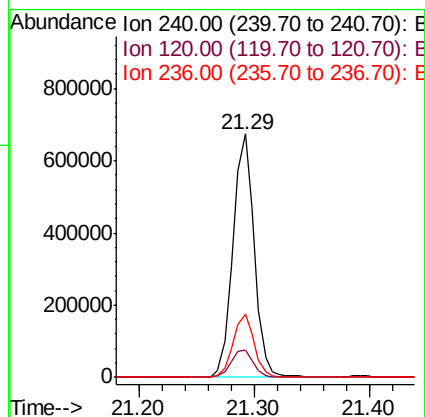
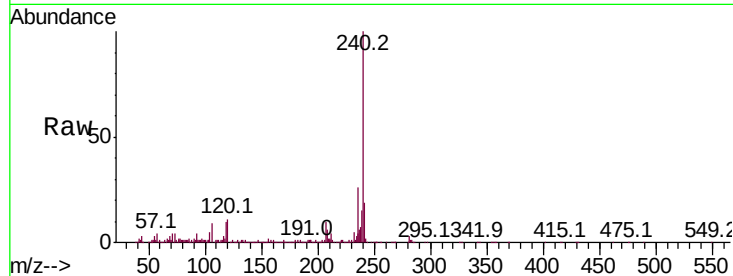




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.29 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM018913.D
 Acq: 25 Feb 2019 13:35

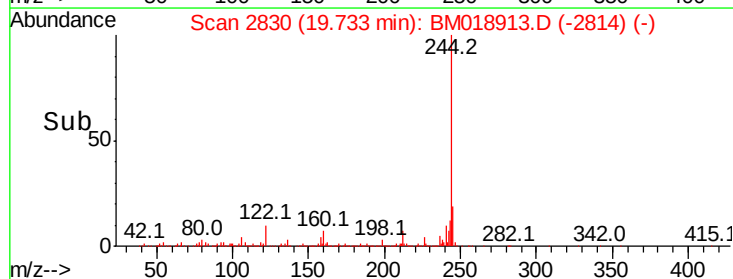
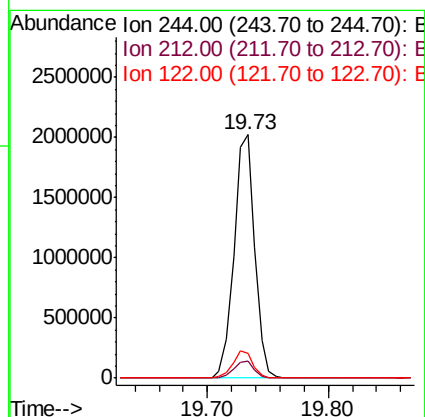
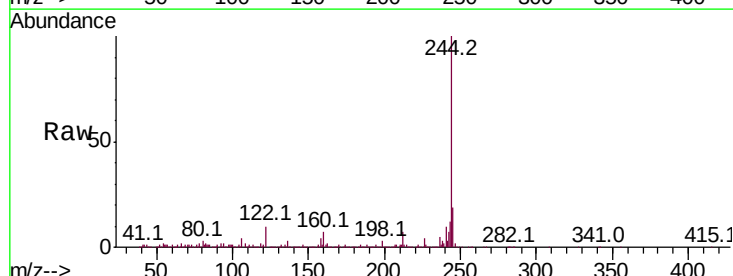
Instrument :
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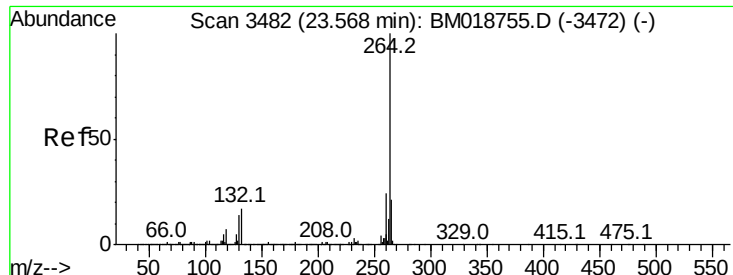
Tot Ion:240 Resp: 856918
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.9 13.3
 236 26.2 20.9 31.3



#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





#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

