

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
 Data File : BM014222.D
 Acq On : 13 Feb 2018 15:45
 Operator : SJ/JU
 Sample : J1518-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3A

Quant Time: Feb 14 04:40:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

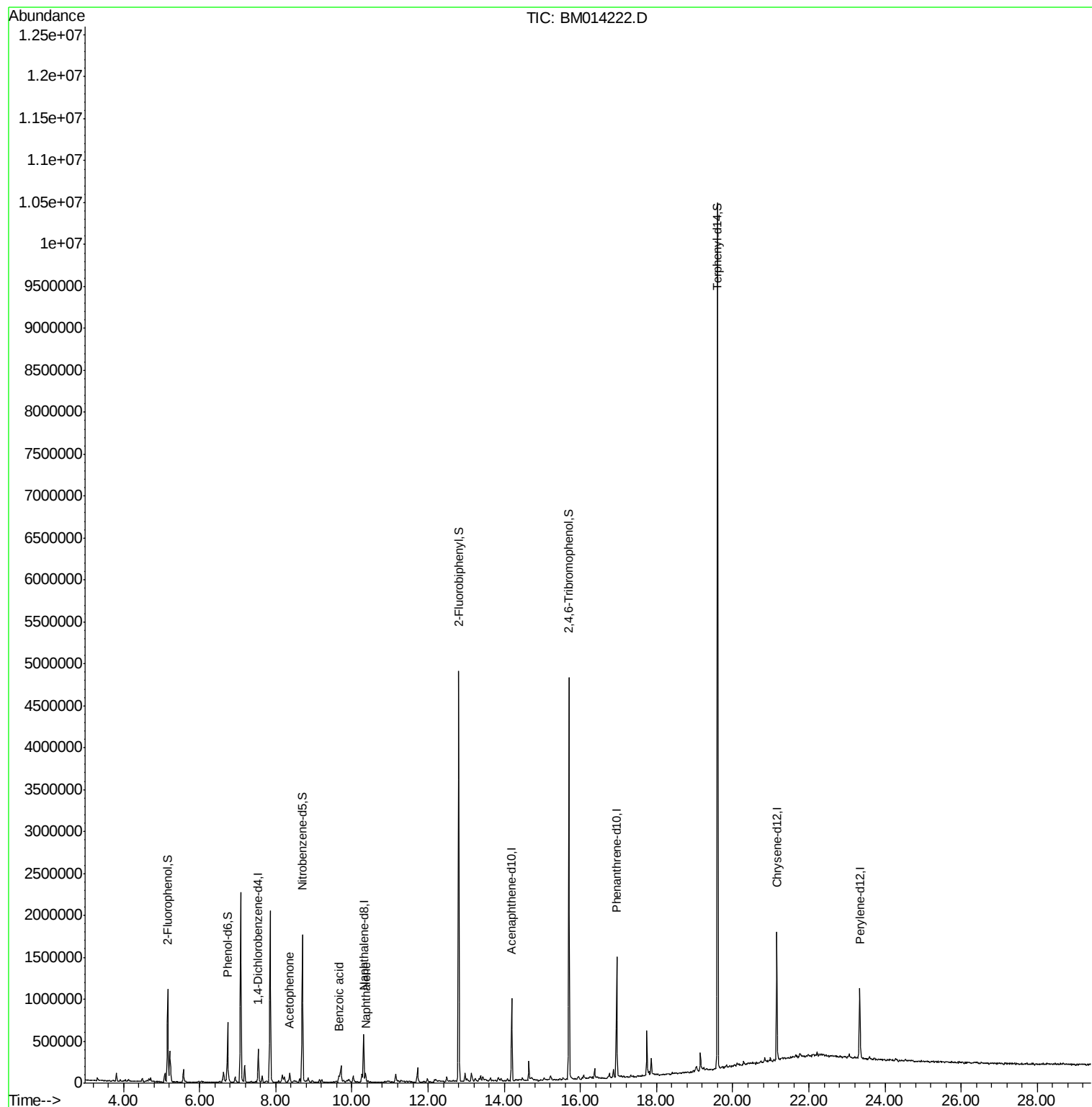
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	76783	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	363427	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	279122	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	721225	20.00	ng	0.00
75) Chrysene-d12	21.16	240	688856	20.00	ng	-0.01
86) Perylene-d12	23.33	264	527760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	367399	83.40	ng	0.00
7) Phenol-d6	6.73	99	306081	49.06	ng	0.00
23) Nitrobenzene-d5	8.70	82	845779	103.95	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	614756	155.22	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2102282	94.02	ng	0.00
78) Terphenyl-d14	19.60	244	4311628	122.30	ng	0.00
Target Compounds						
22) Acetophenone	8.36	105	48269	4.619	ng	# 79
31) Naphthalene	10.36	128	60679	3.049	ng	# 93
32) Benzoic acid	9.65	122	25463	11.536	ng	# 88

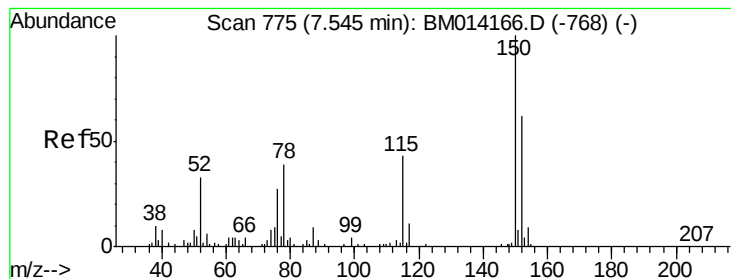
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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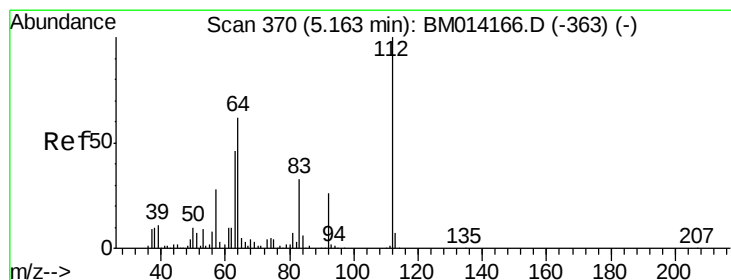
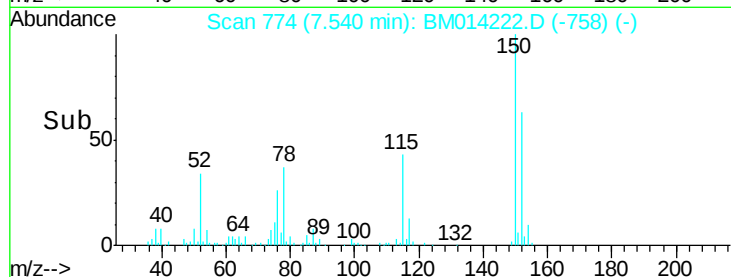
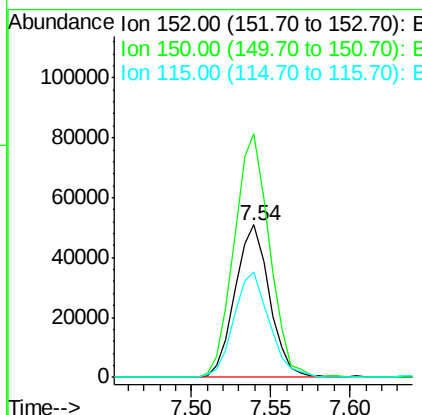
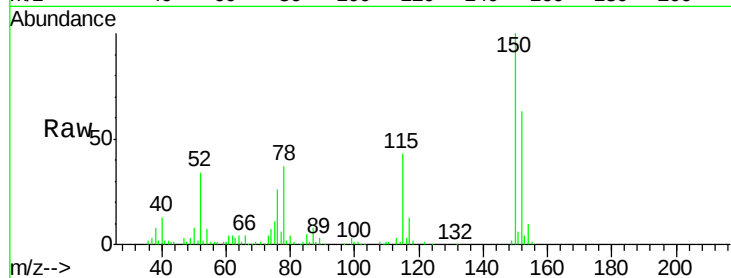




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.54 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

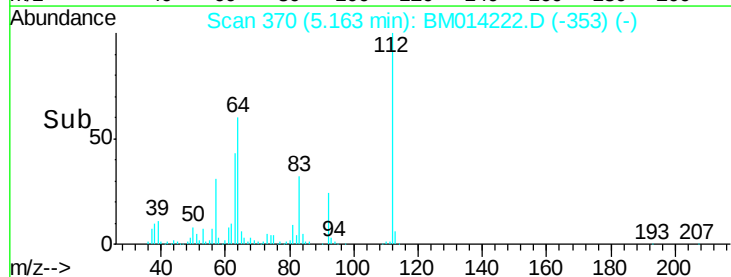
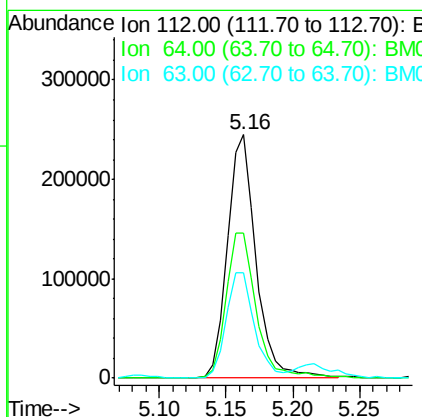
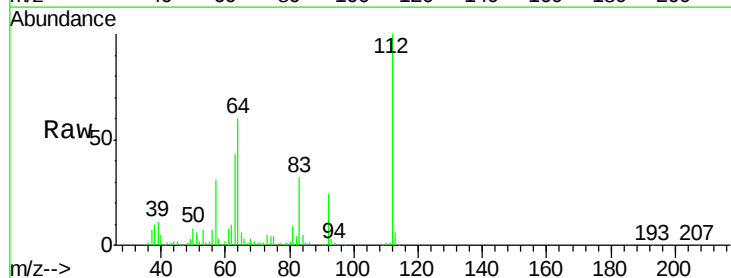
Instrument :
 BNA_M
 ClientSampled :
 MW-3A

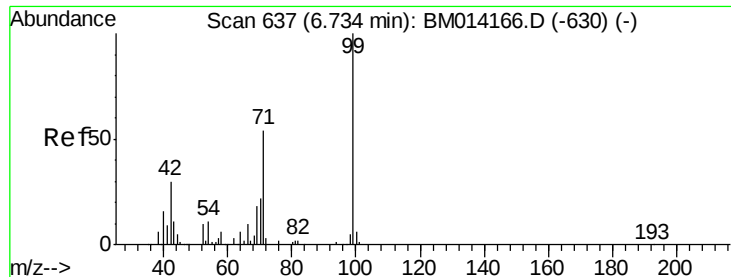
Tot Ion:152 Resp: 76783
 Ion Ratio Lower Upper
 152 100
 150 159.6 119.5 179.3
 115 69.2 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 83.400 ng
 RT: 5.16 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Tgt Ion:112 Resp: 367399
 Ion Ratio Lower Upper
 112 100
 64 59.5 38.6 57.8#
 63 43.3 19.3 28.9#





#7

Phenol-d6

Concen: 49.059 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

Instrument :

BNA_M

ClientSampleId :

MW-3A

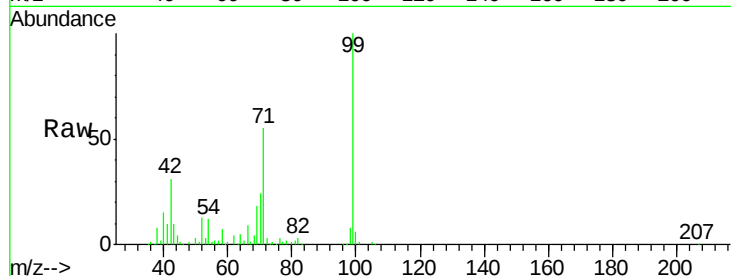
Tot Ion: 99 Resp: 306081

Ion Ratio Lower Upper

99 100

42 30.8 11.0 16.4#

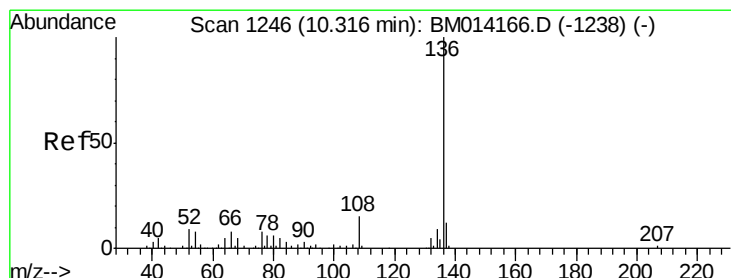
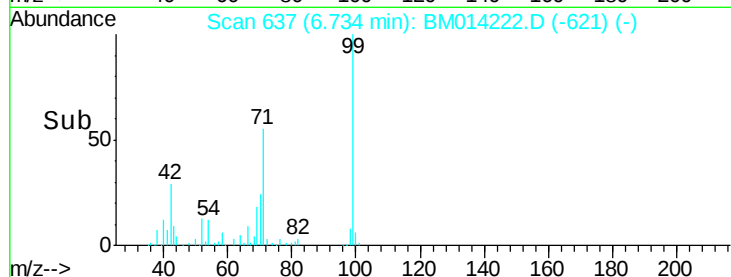
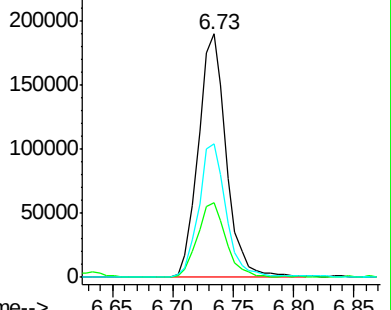
71 55.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

Tgt Ion: 136 Resp: 363427

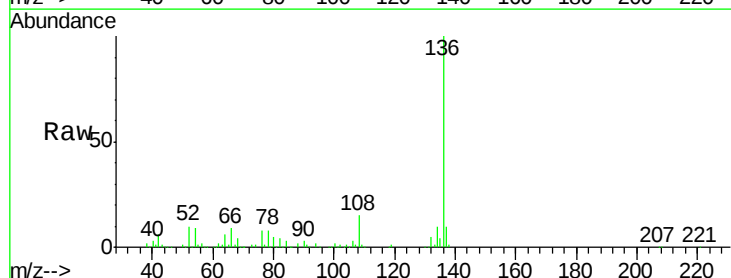
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 9.4 4.6 6.8#

68 4.1 3.7 5.5

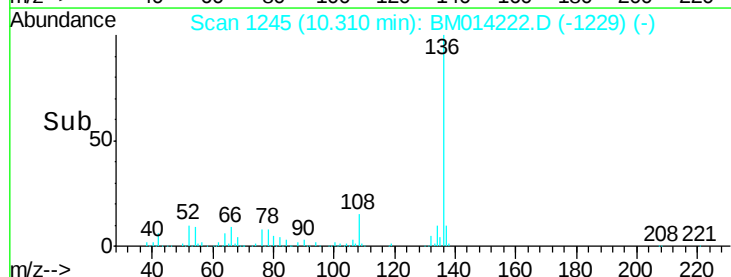
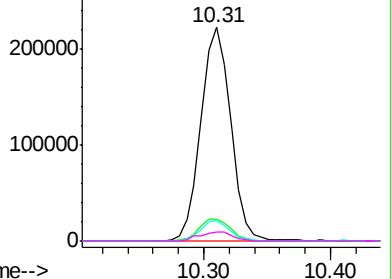


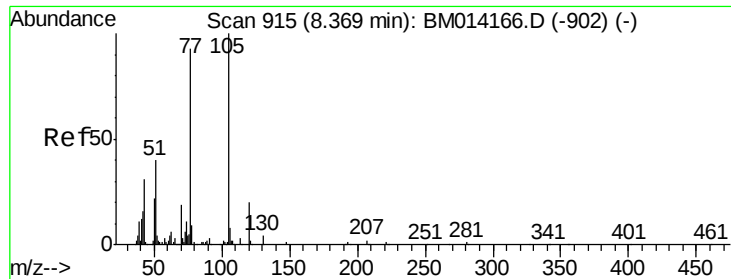
Abundance Ion 136.00 (135.70 to 136.70): BM014166.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014166.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014166.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014166.D (-1238) (-)





#22

Acetophenone

Concen: 4.619 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

Instrument :

BNA_M

ClientSampleId :

MW-3A

Tot Ion:105 Resp: 48269

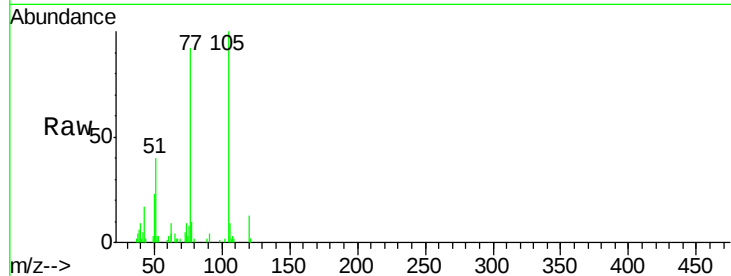
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 40.4 21.6 32.4#

120 13.4 16.1 24.1#

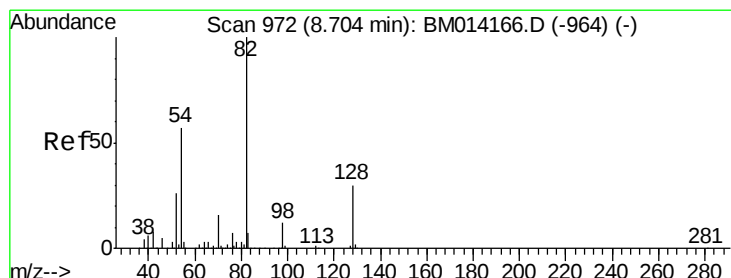
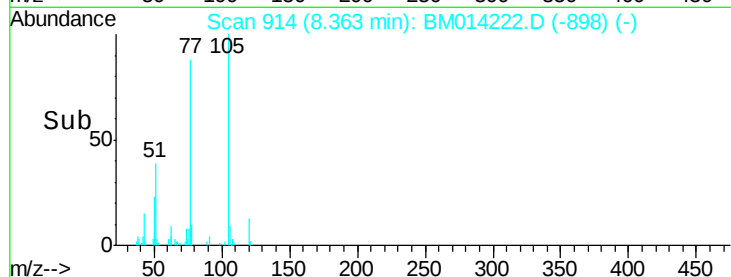
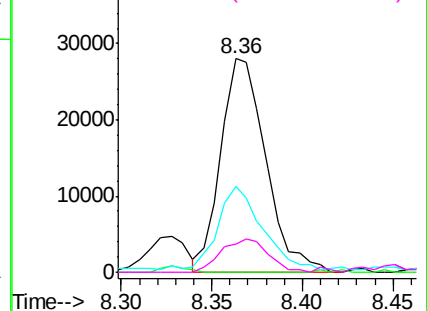


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 103.951 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

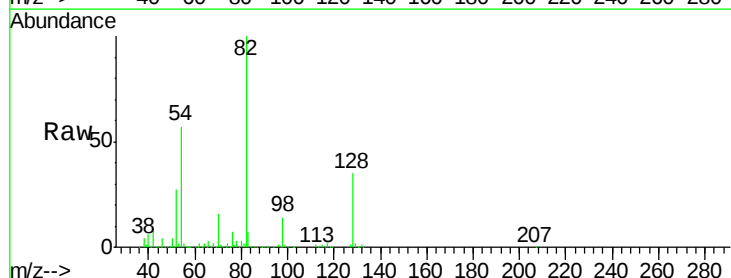
Tgt Ion: 82 Resp: 845779

Ion Ratio Lower Upper

82 100

128 34.7 32.8 49.2

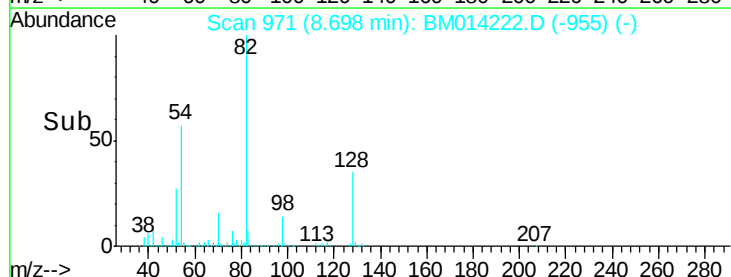
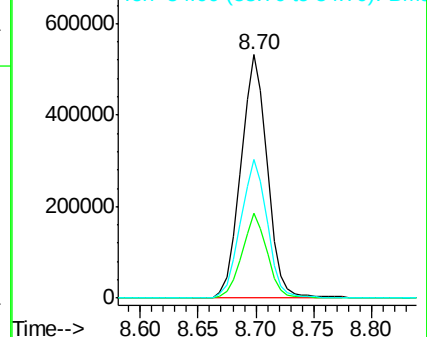
54 56.8 40.6 60.8

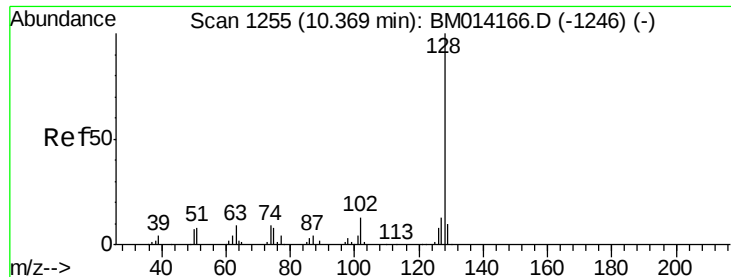


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

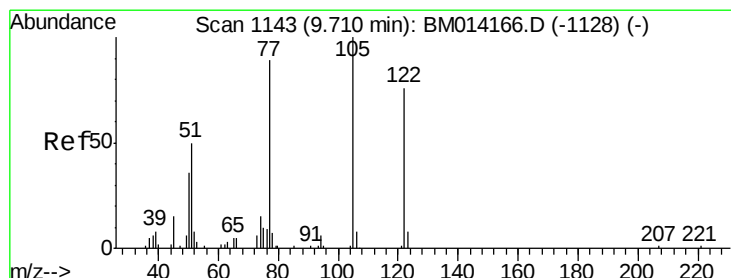
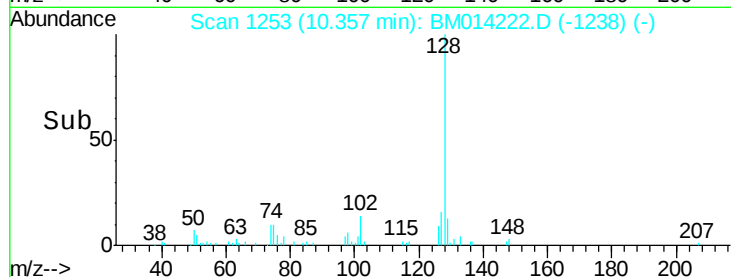
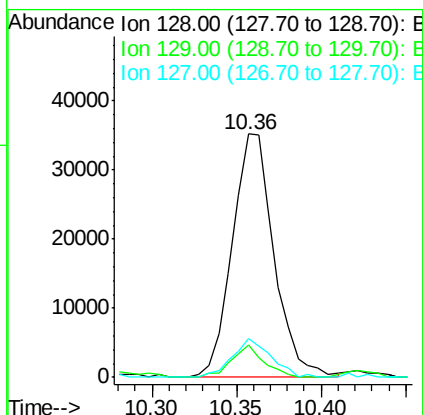
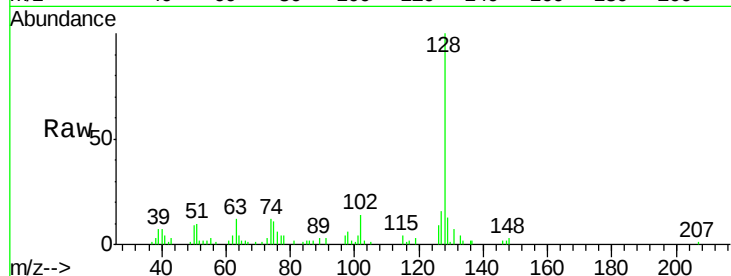




#31
Naphthalene
Concen: 3.049 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

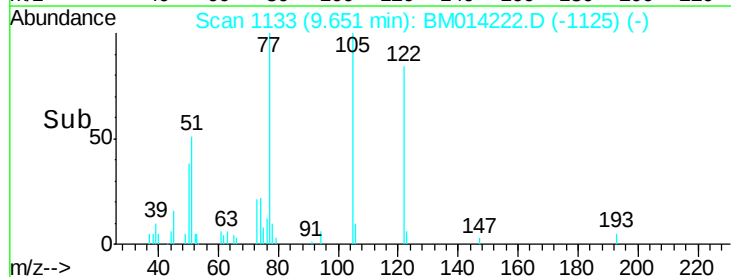
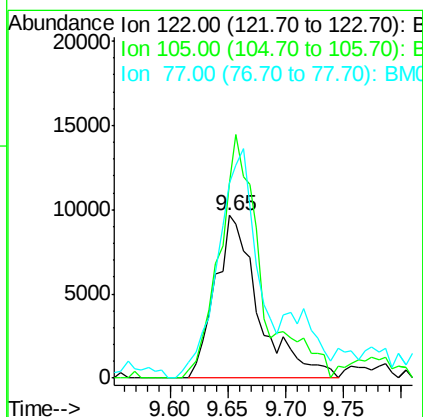
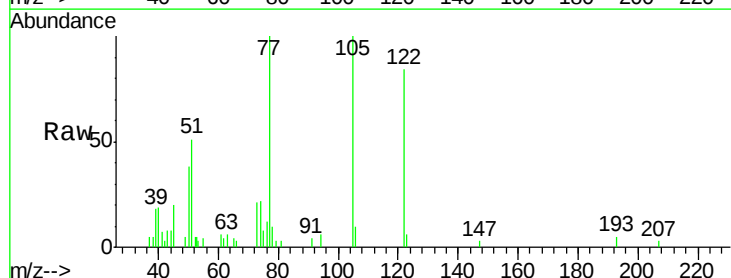
Instrument :
BNA_M
ClientSampleId :
MW-3A

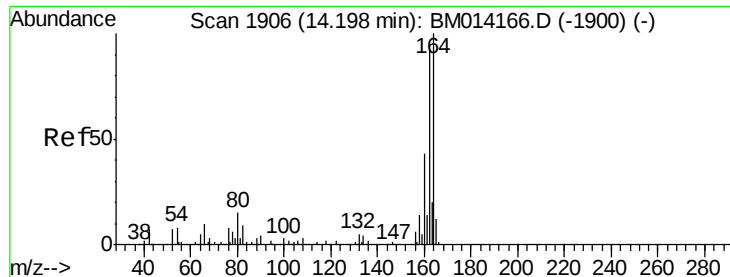
Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.9	13.3#
127	16.0	10.4	15.6#



#32
Benzoic acid
Concen: 11.536 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	99.9	139.9
77	119.6	73.7	113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

Instrument :

BNA_M

ClientSampleId :

MW-3A

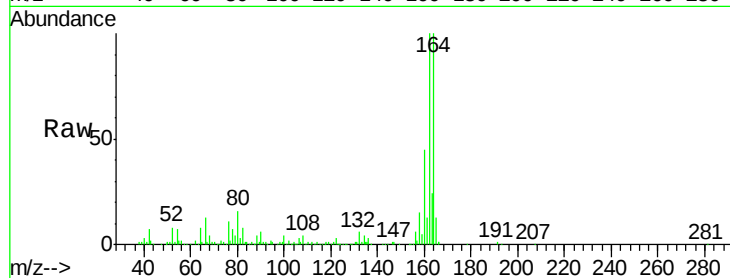
Tot Ion:164 Resp: 279122

Ion Ratio Lower Upper

164 100

162 100.4 82.4 123.6

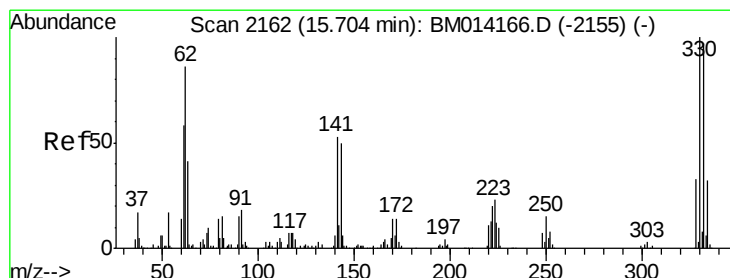
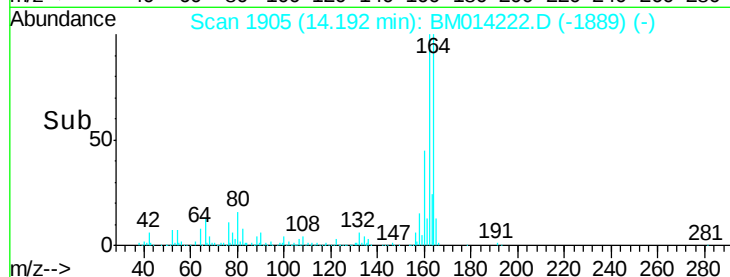
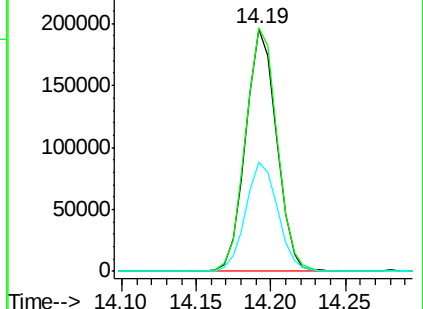
160 45.1 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 155.215 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BM014222.D

Acq: 13 Feb 2018 15:45

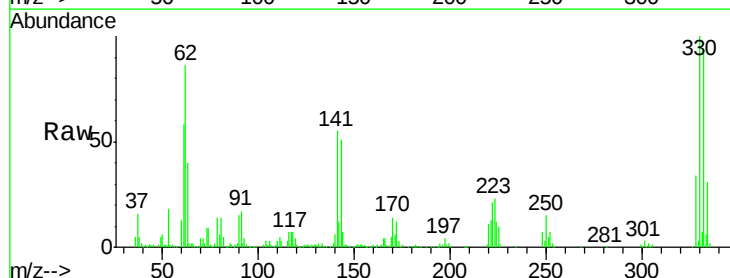
Tgt Ion:330 Resp: 614756

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

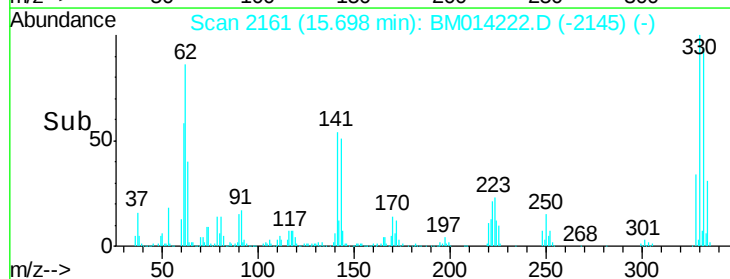
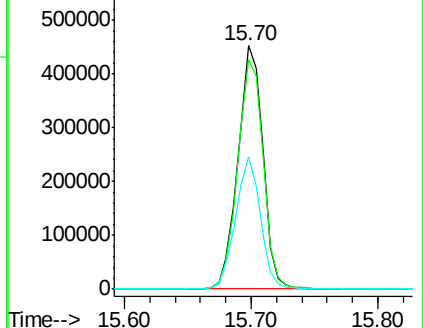
141 54.2 0.0 0.0#

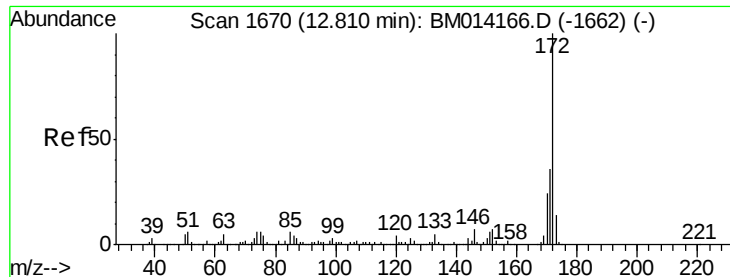


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

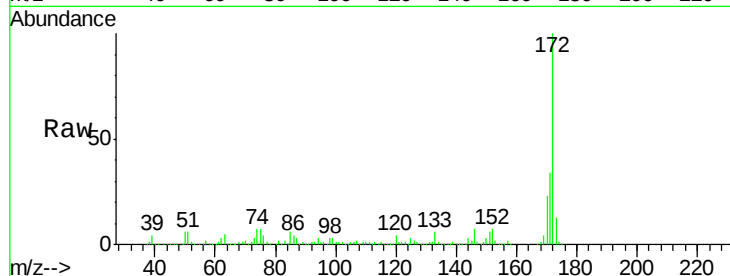




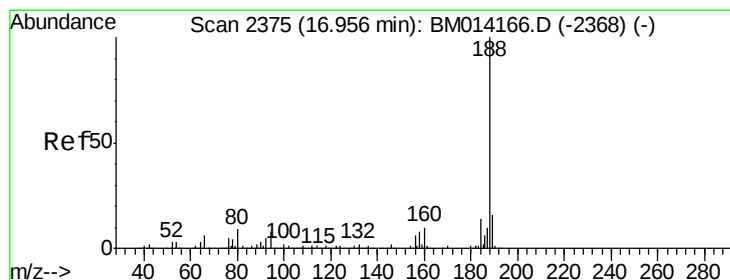
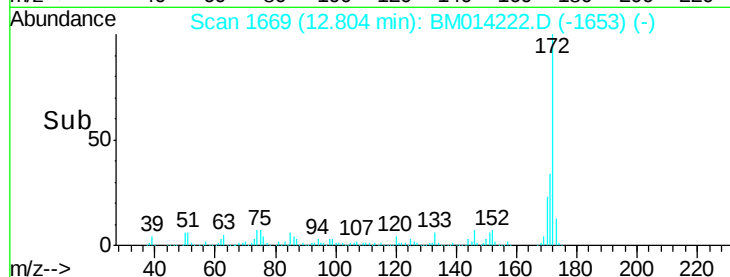
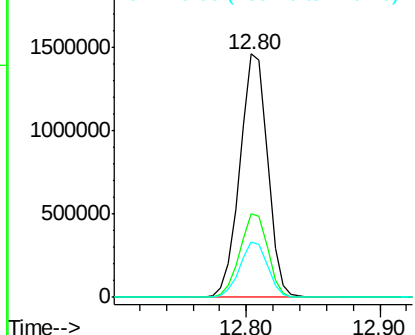
#44
2-Fluorobiphenyl
Concen: 94.020 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Instrument :
BNA_M
ClientSampleId :
MW-3A

Tot Ion:172 Resp: 2102282
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.6 18.8 28.2

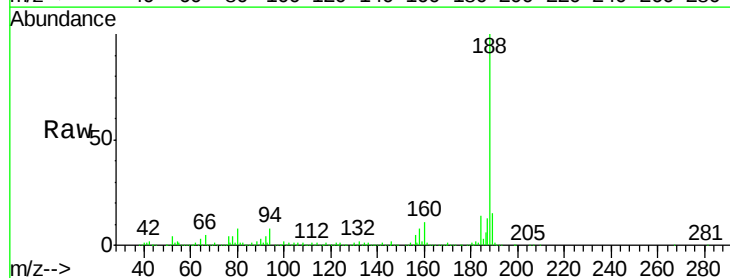


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

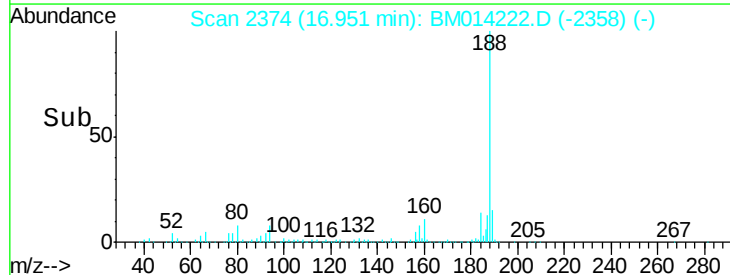
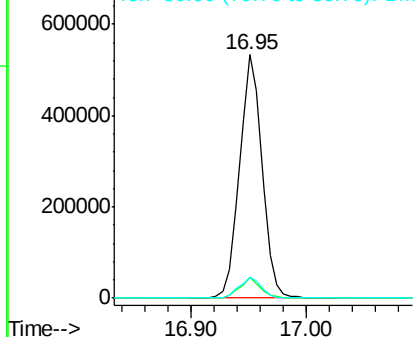


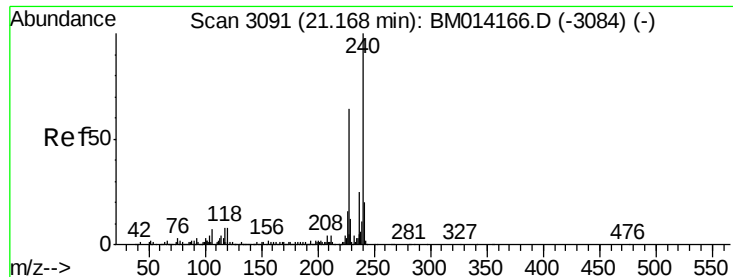
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Tgt Ion:188 Resp: 721225
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 8.4 9.3 13.9#



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

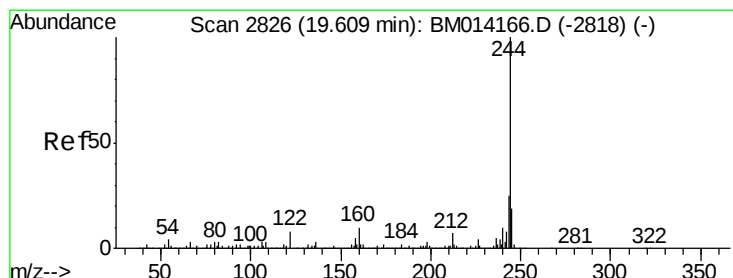
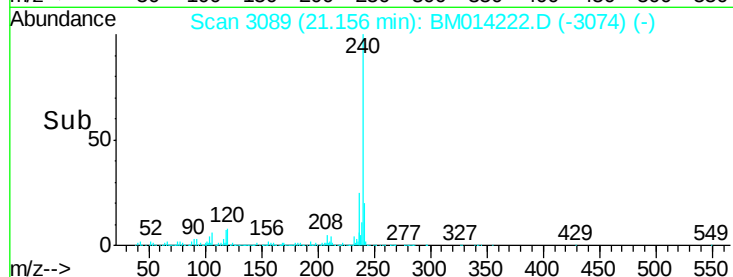
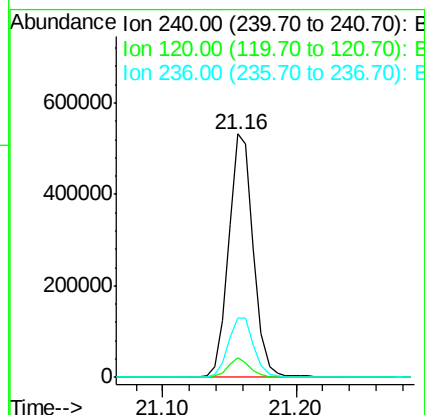
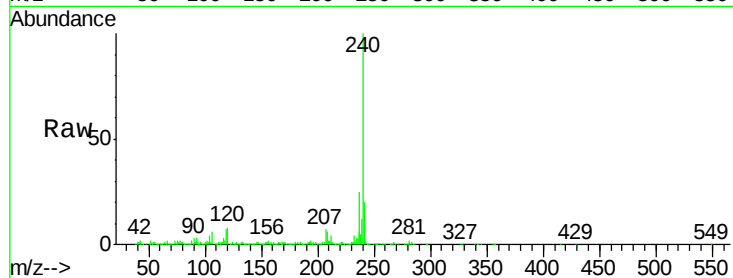




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

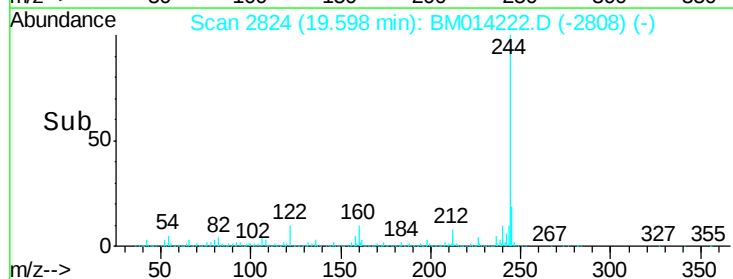
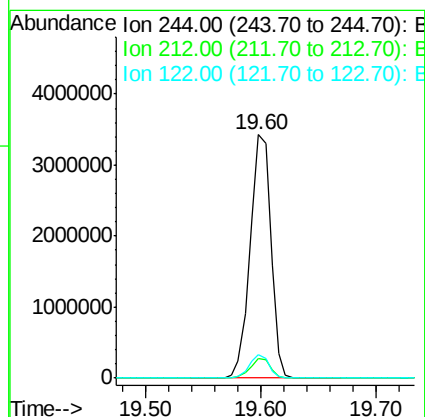
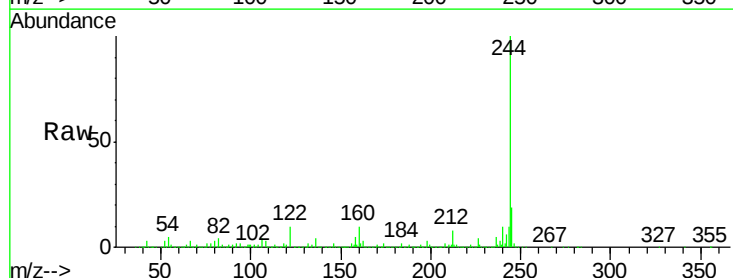
Instrument :
 BNA_M
 ClientSampleId :
 MW-3A

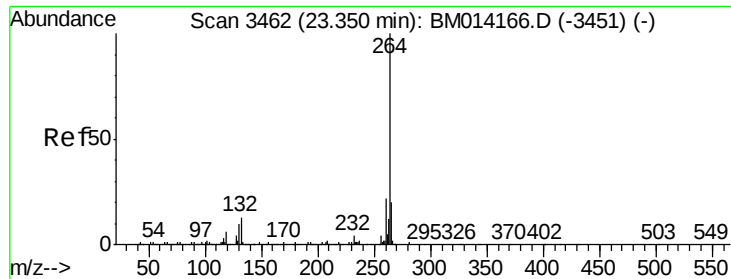
Tot Ion:240 Resp: 688856
 Ion Ratio Lower Upper
 240 100
 120 7.9 8.2 12.2#
 236 24.5 20.0 30.0



#78
 Terphenyl-d14
 Concen: 122.299 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM014222.D
 Acq: 13 Feb 2018 15:45

Tgt Ion:244 Resp: 4311628
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.9 7.3#
 122 9.9 6.2 9.4#

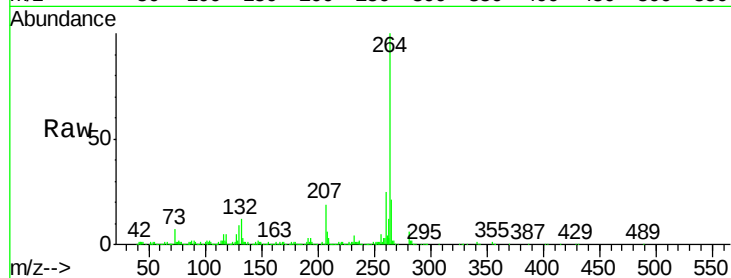




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014222.D
Acq: 13 Feb 2018 15:45

Instrument :
BNA_M
ClientSampleId :
MW-3A

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	21.4	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

