

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018879.D
 Acq On : 20 Feb 2019 12:01
 Operator : JU/SJ
 Sample : K1528-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Feb 20 13:46:25 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 11 16:02:12 2019
 Response via : Initial Calibration

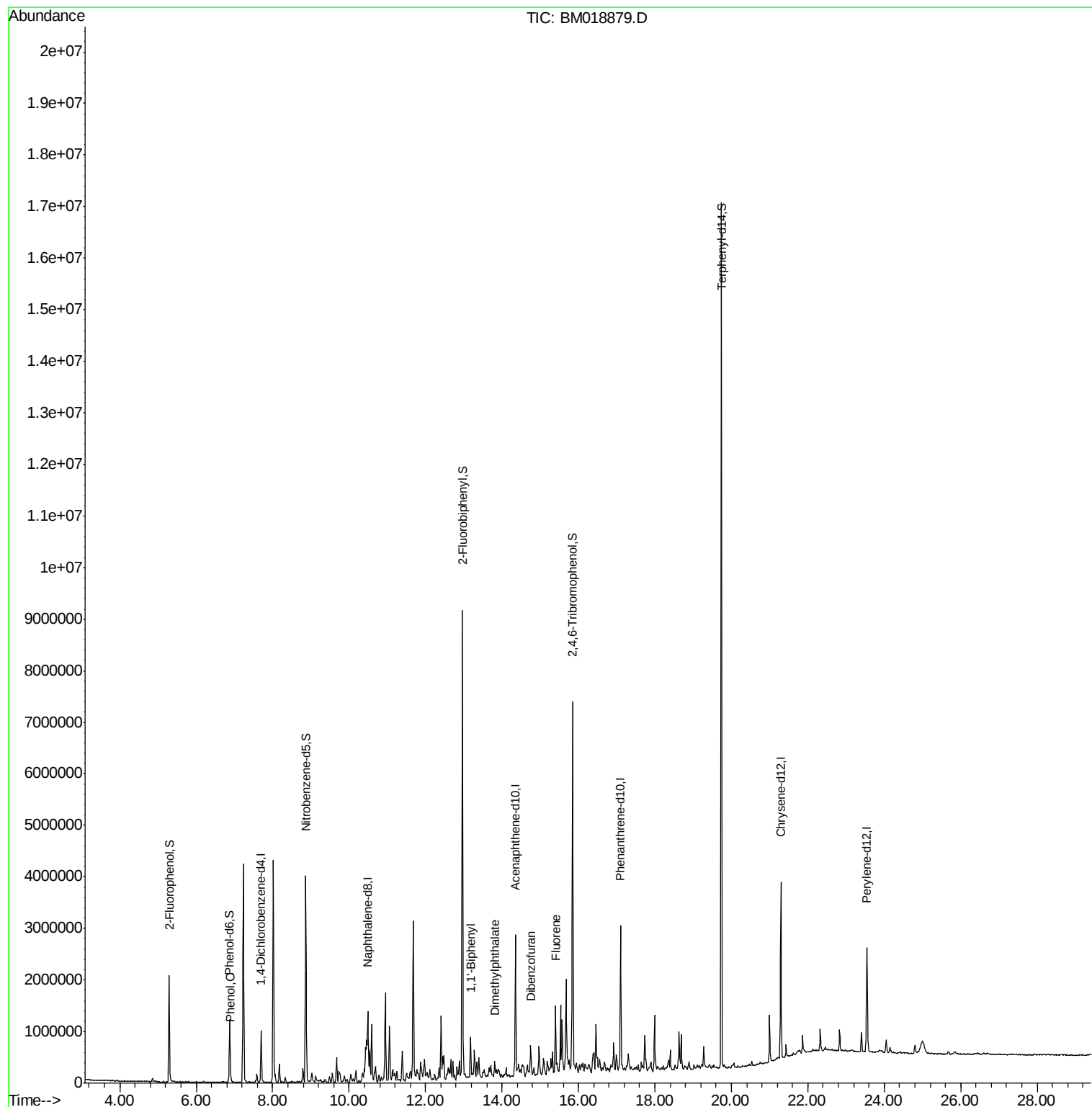
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	257638	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1079590	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	665508	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1553635	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1578632	20.00	ng	-0.01
87) Perylene-d12	23.54	264	1406858	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	857032	54.50	ng	-0.01
7) Phenol-d6	6.87	99	713245	32.20	ng	-0.01
23) Nitrobenzene-d5	8.87	82	2264779	97.00	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1261241	131.47	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4518453	90.13	ng	-0.01
79) Terphenyl-d14	19.74	244	7121619	93.06	ng	0.00
Target Compounds						
10) Phenol	6.90	94	48424	2.078	ng	89
46) 1,1'-Biphenyl	13.17	154	282167	4.926	ng	99
50) Dimethylphthalate	13.81	163	142869	2.576	ng	98
55) Dibenzofuran	14.75	168	321946	4.849	ng	97
58) Fluorene	15.40	166	596012	11.733	ng	100

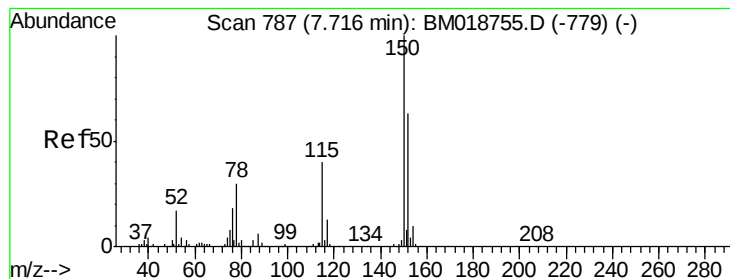
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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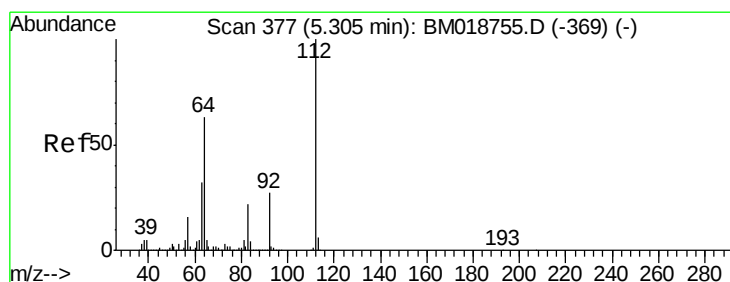
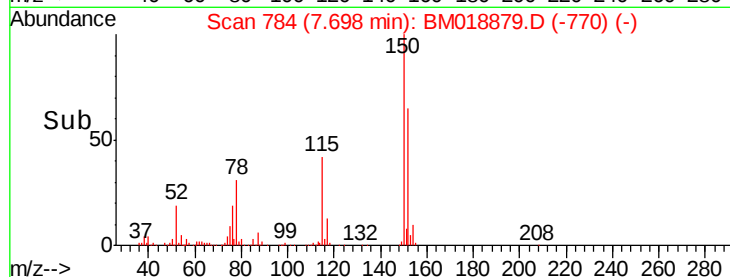
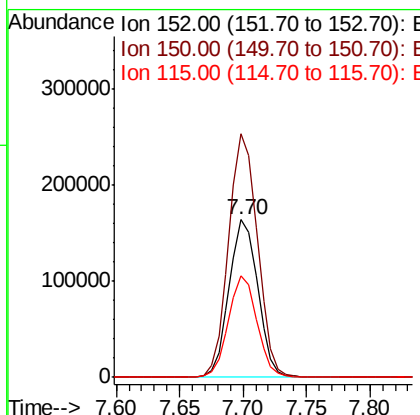
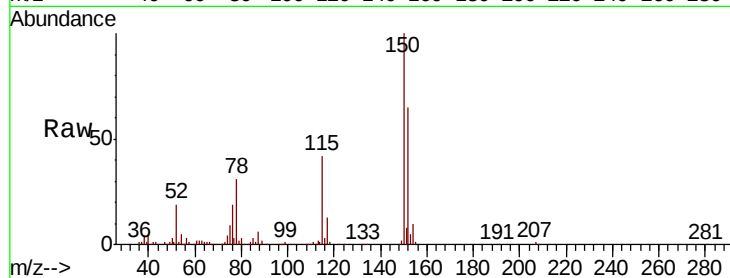


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

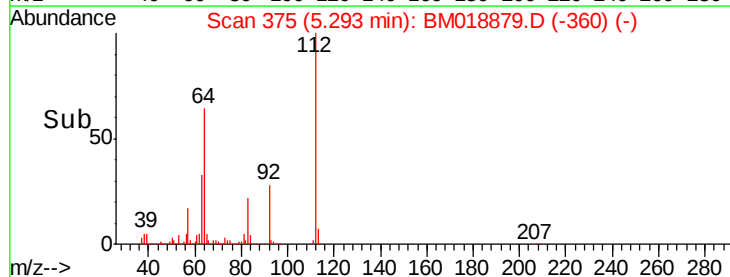
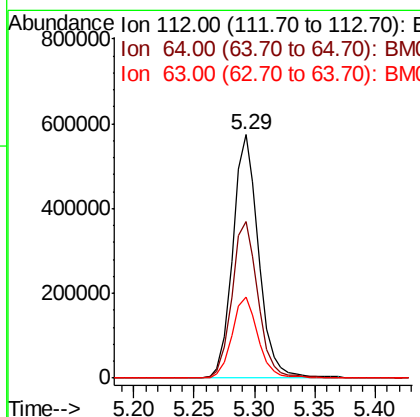
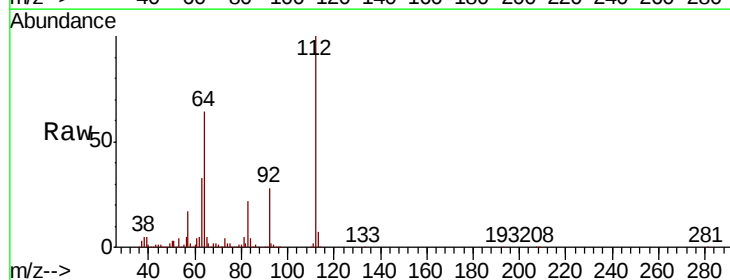
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.3	190.9
115	64.5	50.8	76.2

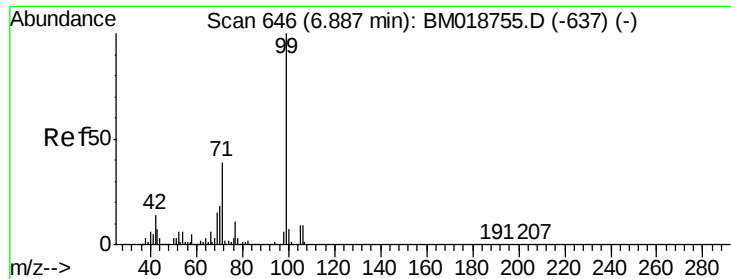


#5

2-Fluorophenol
 Concen: 54.504 ng
 RT: 5.29 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.6	75.8
63	33.5	25.7	38.5





#7

Phenol-d6

Concen: 32.198 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

Instrument :

BNA_M

ClientSampleId :

MW-4

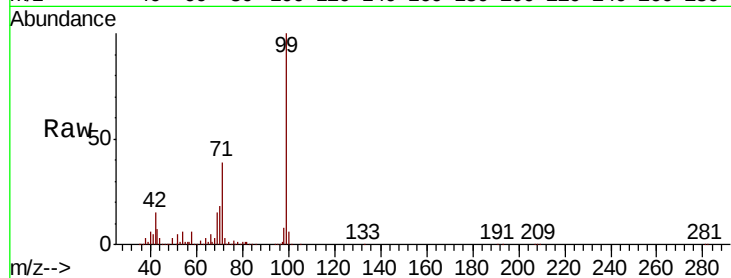
Tot Ion: 99 Resp: 713245

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.6

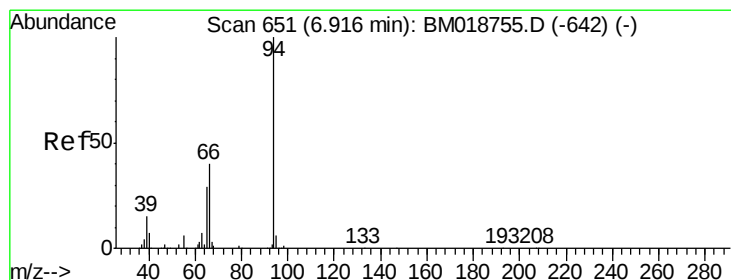
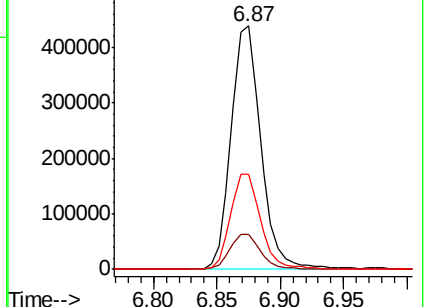
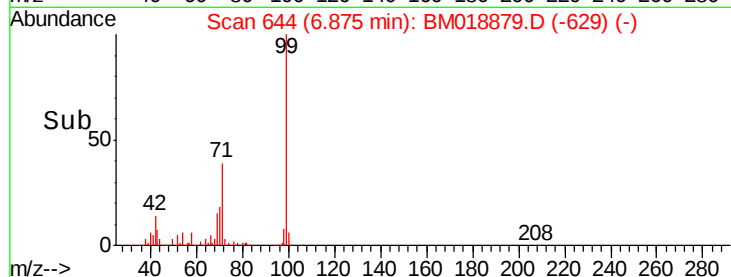
71 38.9 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018879.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018879.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018879.D (-629) (-)



#10

Phenol

Concen: 2.078 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

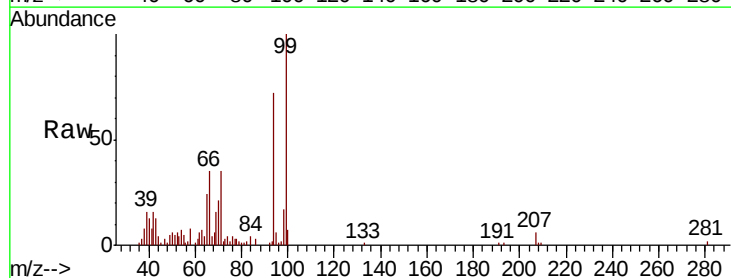
Tgt Ion: 94 Resp: 48424

Ion Ratio Lower Upper

94 100

65 33.4 9.6 49.6

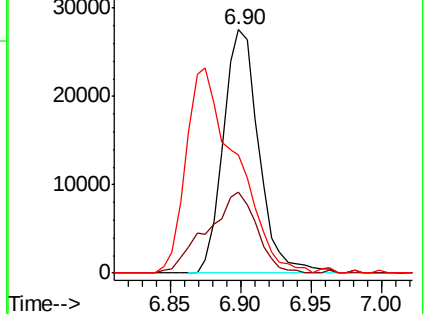
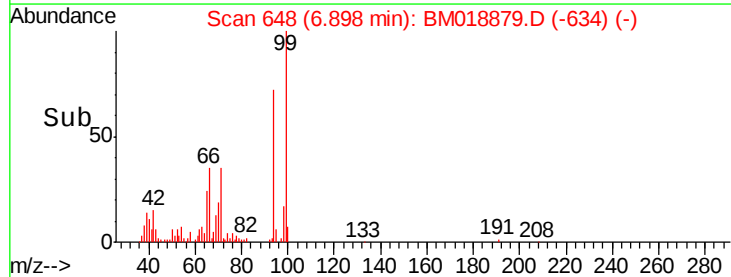
66 48.7 20.4 60.4

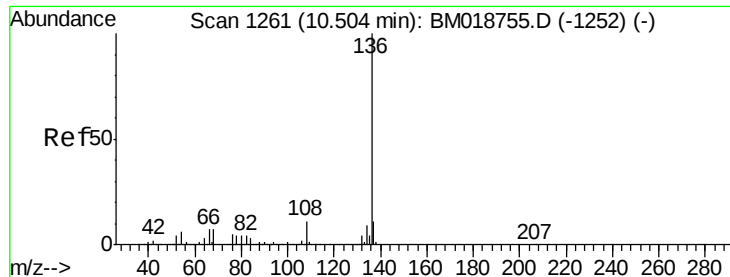


Abundance Ion 94.00 (93.70 to 94.70): BM018879.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018879.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018879.D (-634) (-)



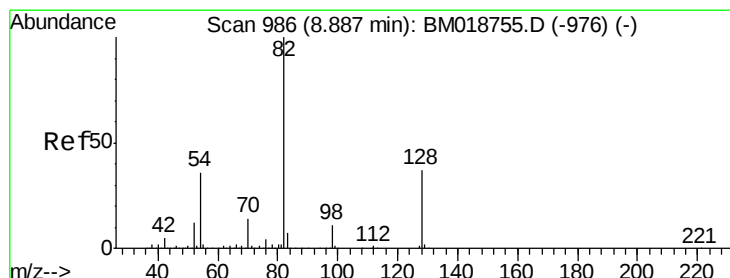
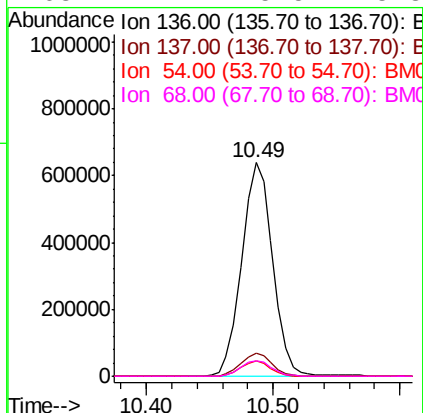
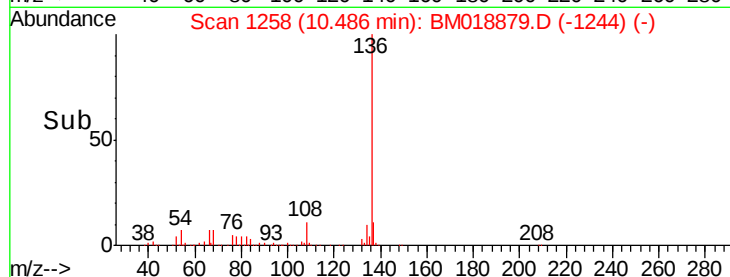
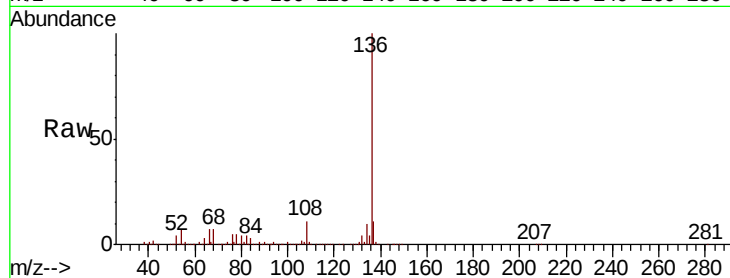


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

Instrument :
BNA_M
ClientSampled :
MW-4

Tot Ion:136 Resp: 1079590

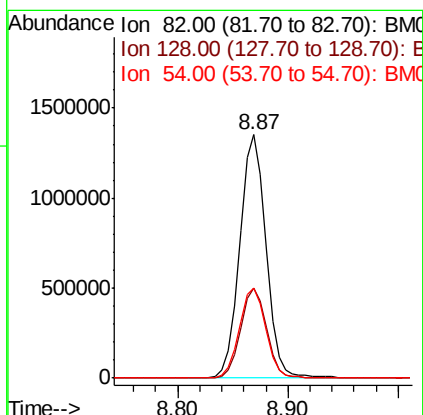
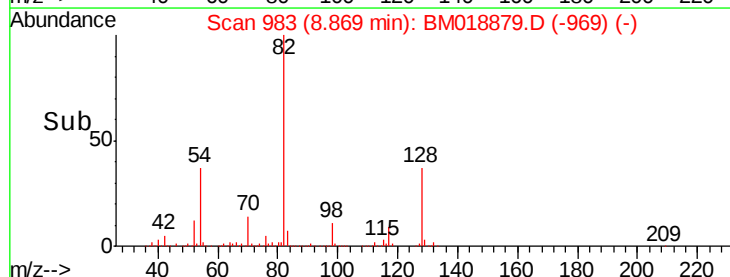
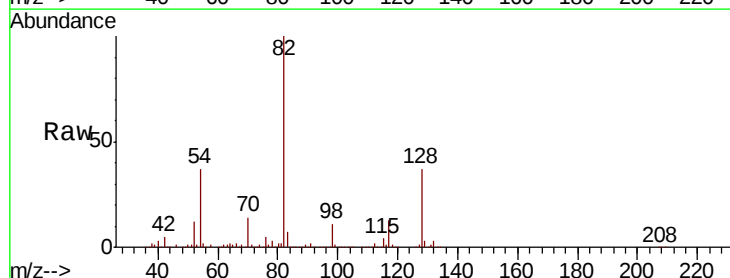
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.0	7.6
68	7.4	5.5	8.3

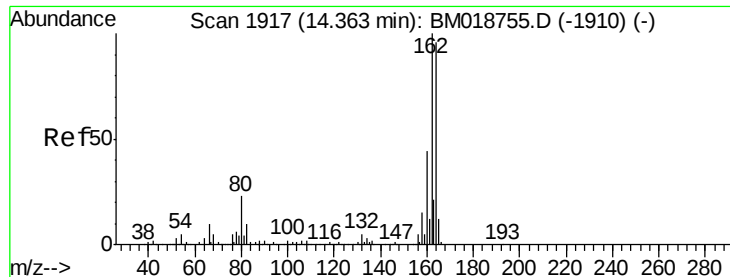


#23
Nitrobenzene-d5
Concen: 97.000 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

Tgt Ion: 82 Resp: 2264779

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.9	44.9
54	37.0	29.1	43.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

Instrument :

BNA_M

ClientSampleId :

MW-4

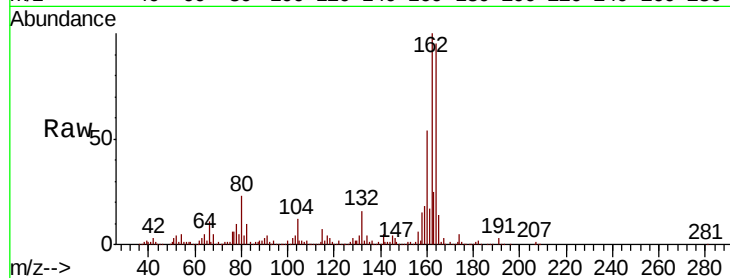
Tot Ion:164 Resp: 665508

Ion Ratio Lower Upper

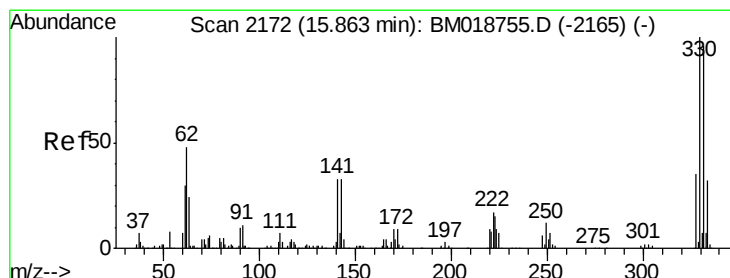
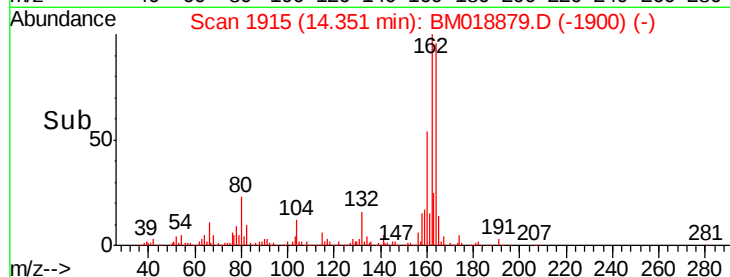
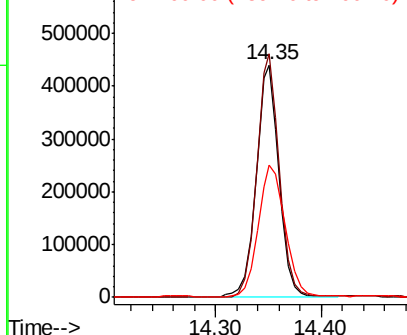
164 100

162 104.8 83.4 125.0

160 57.0 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: 131.474 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

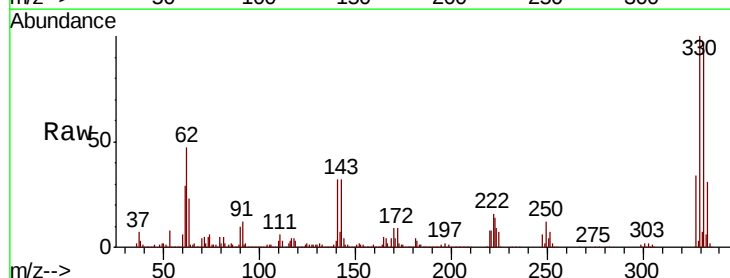
Tgt Ion:330 Resp: 1261241

Ion Ratio Lower Upper

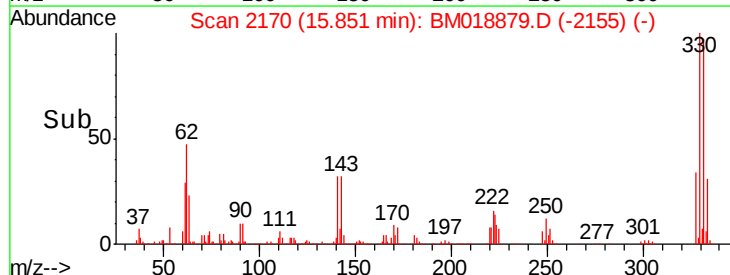
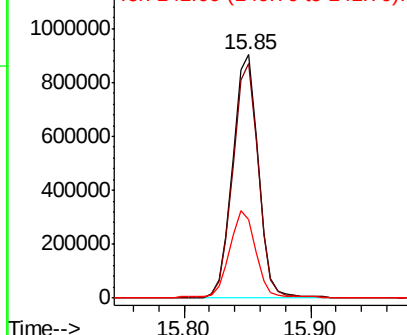
330 100

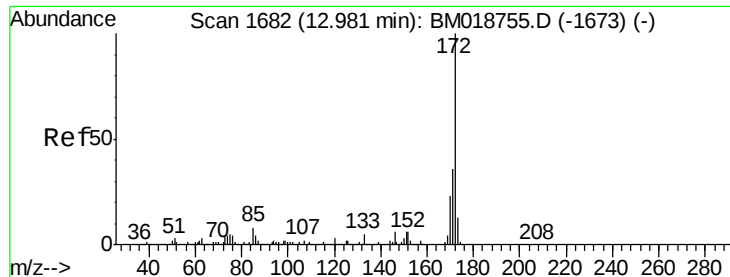
332 96.1 76.9 115.3

141 36.5 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

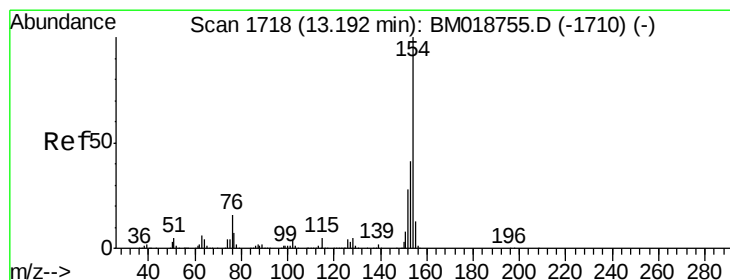
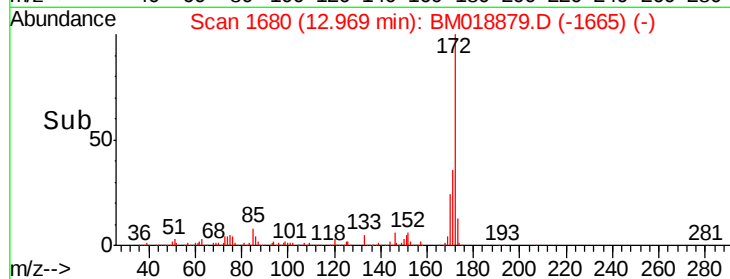
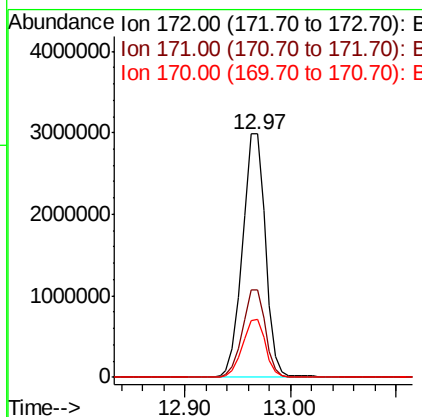
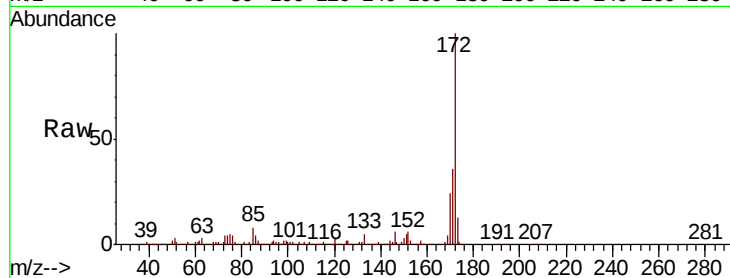




#45
2-Fluorobiphenyl
Concen: 90.129 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

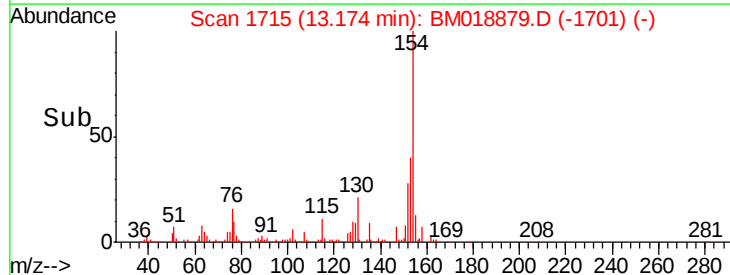
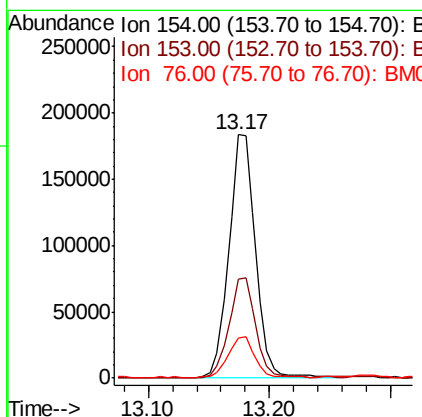
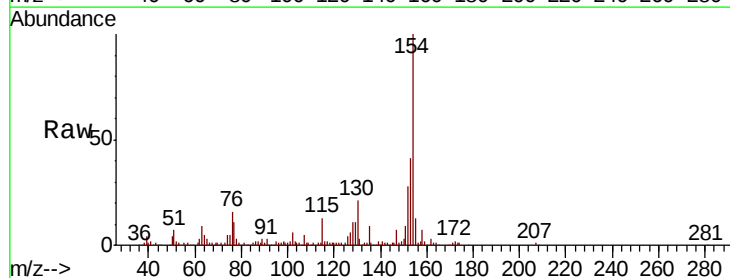
Instrument :
BNA_M
ClientSampleId :
MW-4

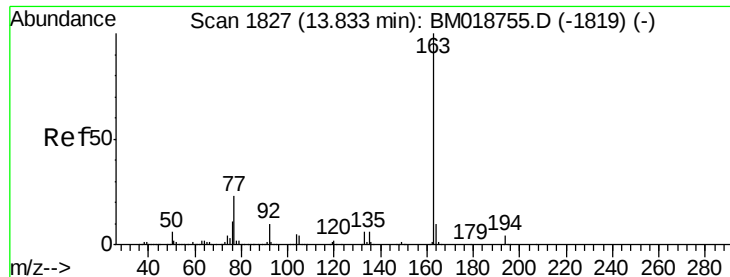
Tot Ion:172 Resp: 4518453
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 4.926 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

Tgt Ion:154 Resp: 282167
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 16.4 0.0 35.7

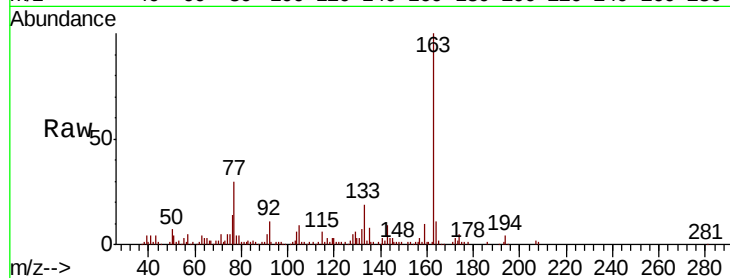




#50
Dimethylphthalate
Concen: 2.576 ng
RT: 13.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

Instrument :
BNA_M
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.8	7.8	11.8

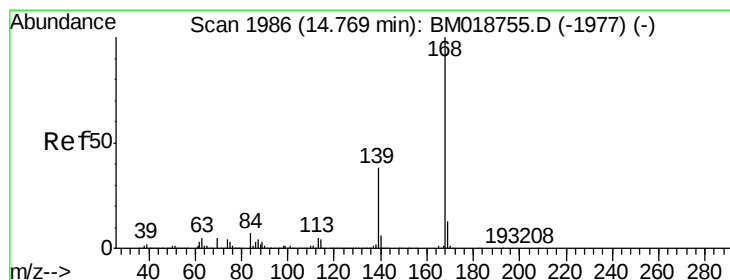
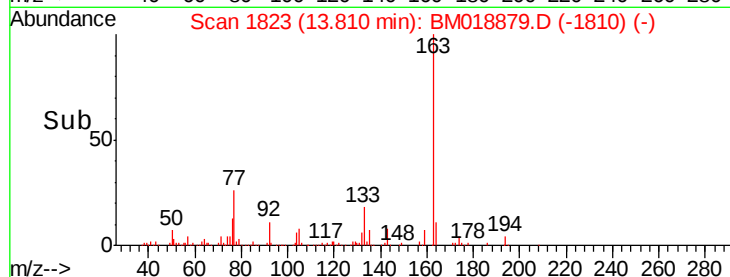
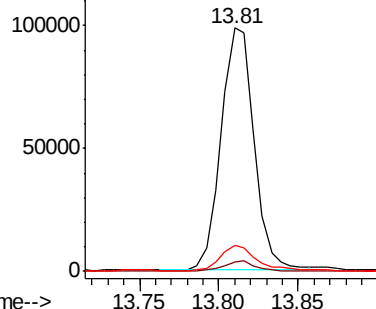


Abundance

Ion 163.00 (162.70 to 163.70): E

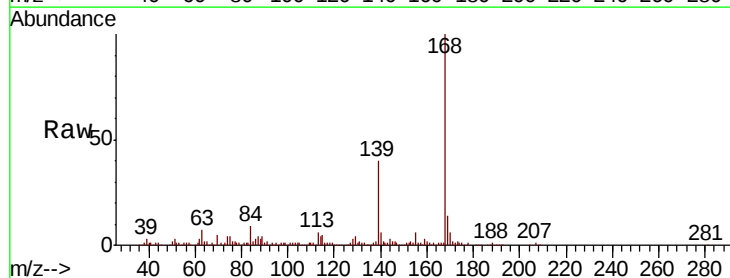
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55
Dibenzofuran
Concen: 4.849 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018879.D
Acq: 20 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.7	46.1
169	14.5	10.3	15.5

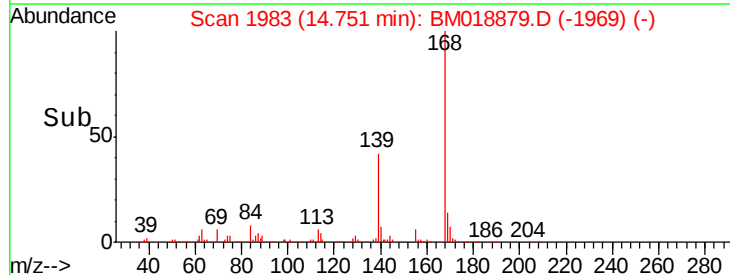
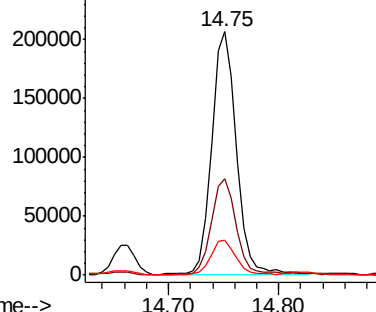


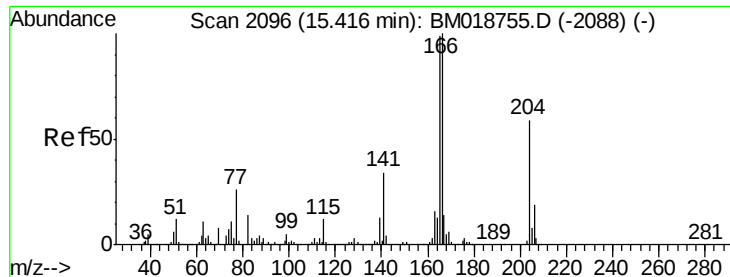
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 11.733 ng

RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

Instrument :

BNA_M

ClientSampled :

MW-4

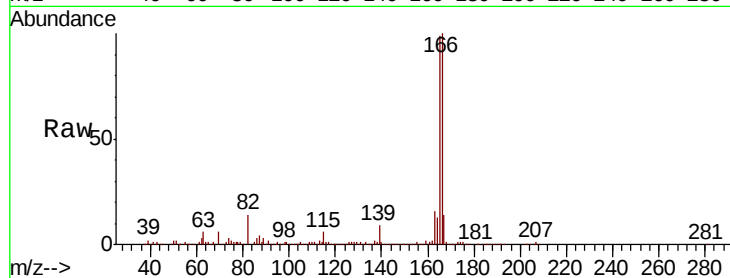
Tot Ion:166 Resp: 596012

Ion Ratio Lower Upper

166 100

165 99.4 79.1 118.7

167 13.7 11.0 16.4

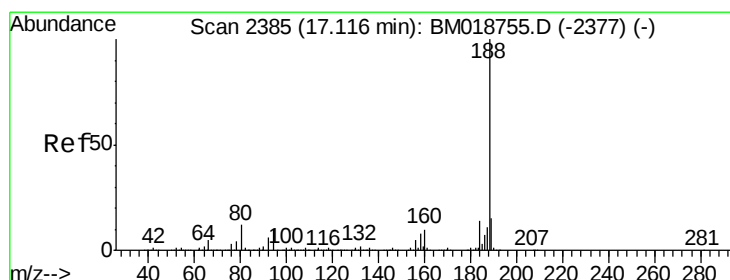
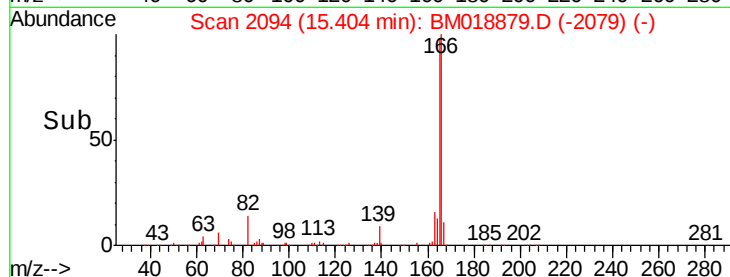
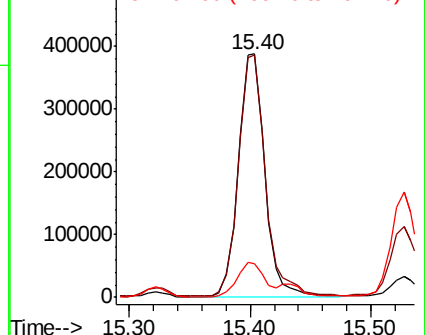


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018879.D

Acq: 20 Feb 2019 12:01

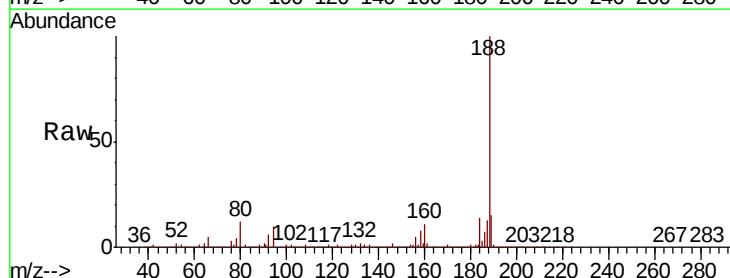
Tgt Ion:188 Resp: 1553635

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 12.4 9.7 14.5

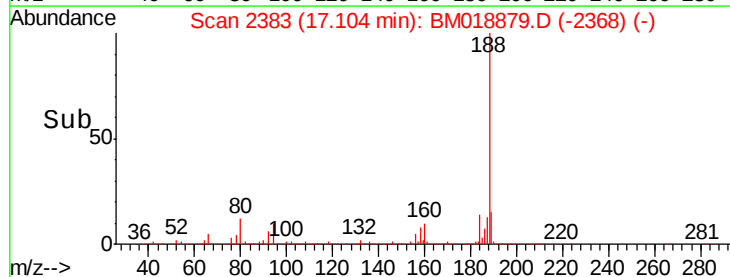
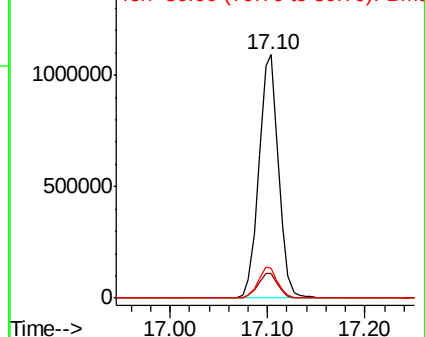


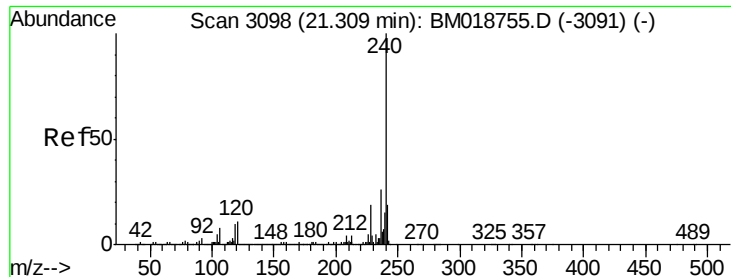
Abundance

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

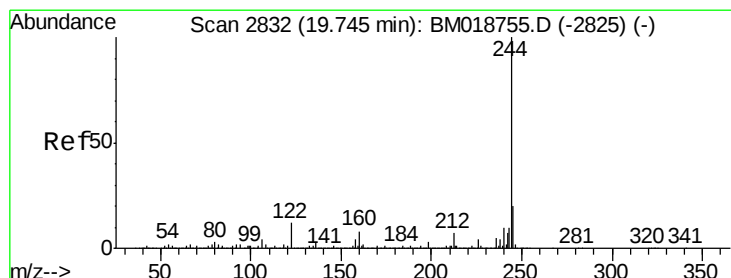
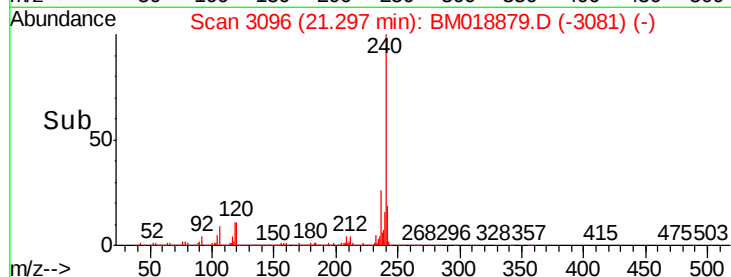
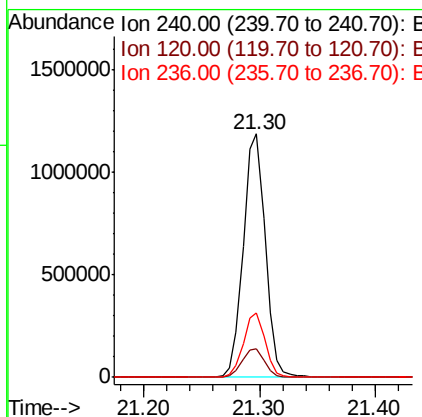
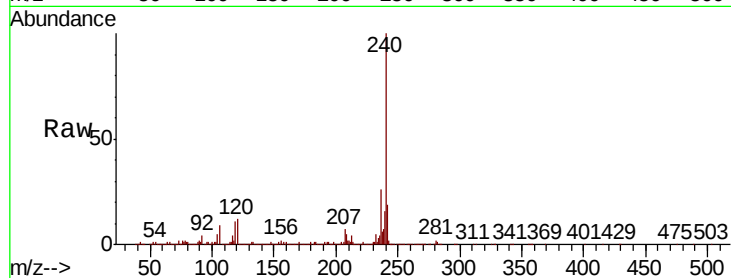




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

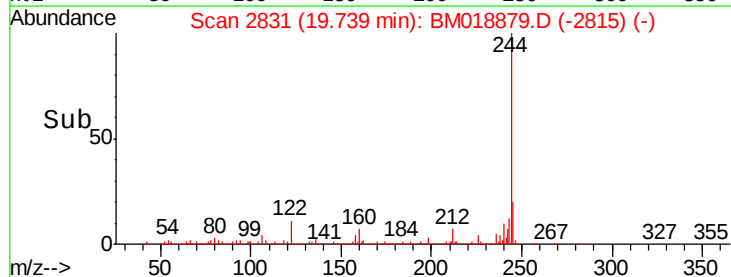
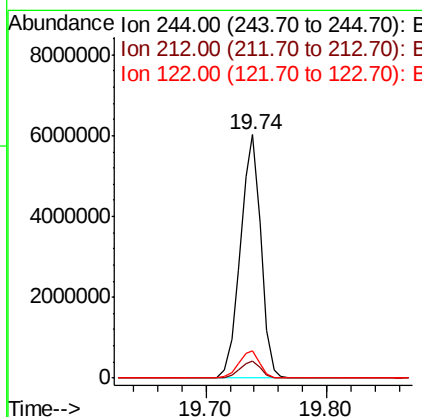
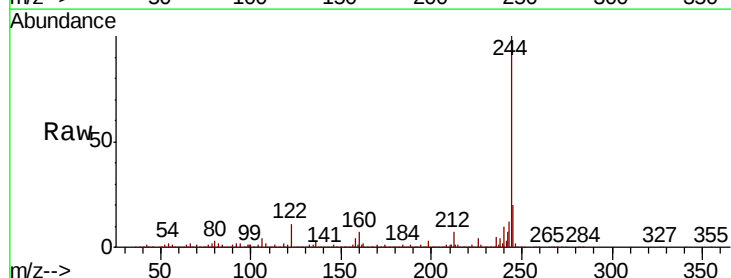
Instrument :
 BNA_M
 ClientSampleId :
 MW-4

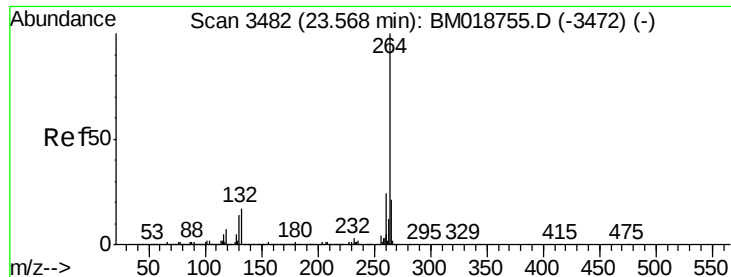
Tot Ion:240 Resp: 1578632
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.9 13.3
 236 26.2 20.9 31.3



#79
 Terphenyl-d14
 Concen: 93.063 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Tgt Ion:244 Resp: 7121619
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.1 9.3 13.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.02 min
 Lab File: BM018879.D
 Acq: 20 Feb 2019 12:01

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tot Ion:264 Resp: 1406858
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.8 17.3 25.9

