

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018937.D
 Acq On : 26 Feb 2019 19:48
 Operator : JU/SJ
 Sample : K1610-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-D

Quant Time: Feb 27 00:04:06 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

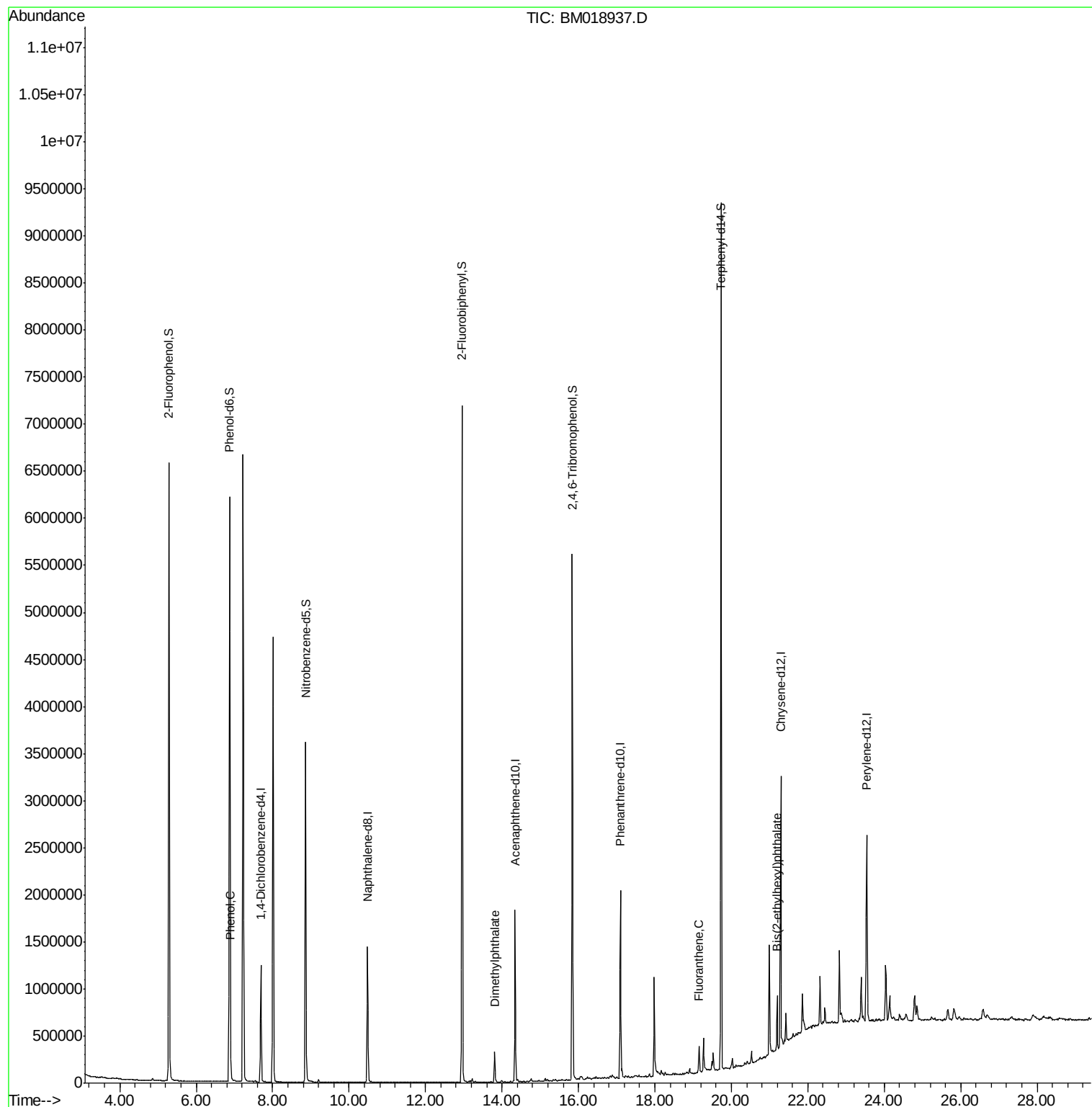
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	314981	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1151893	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	557503	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1086497	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1208659	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1379190	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2674852	139.14	ng	-0.02
7) Phenol-d6	6.87	99	3568625	131.77	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2292078	92.01	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	987675	122.90	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3466131	82.53	ng	-0.02
79) Terphenyl-d14	19.73	244	4049887	69.12	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	10777	Below Cal		Qvalue # 7
10) Phenol	6.90	94	73981	2.596	ng	89
50) Dimethylphthalate	13.80	163	217171	4.674	ng	98
75) Fluoranthene	19.16	202	140192	2.079	ng	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	195734	4.180	ng	98

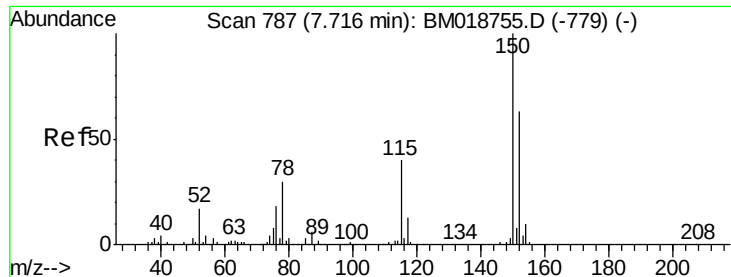
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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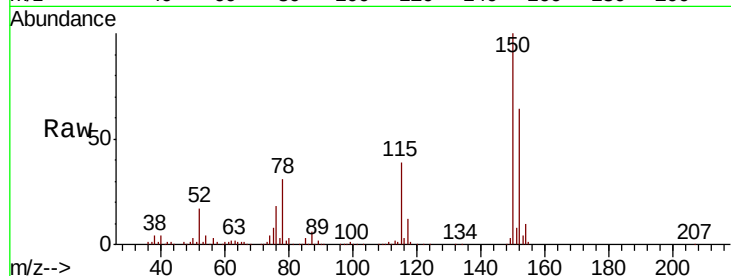


#1

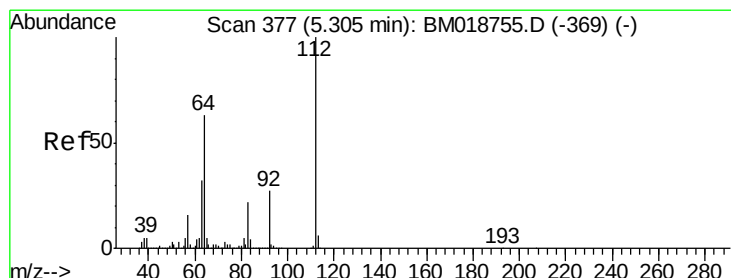
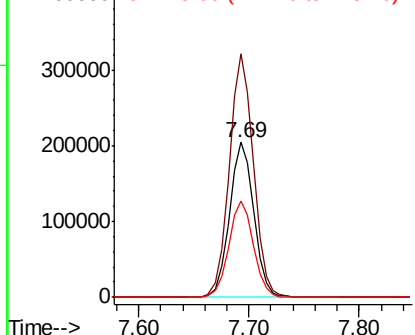
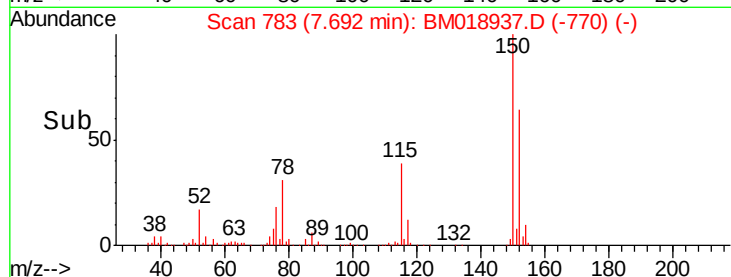
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018937.D
Acq: 26 Feb 2019 19:48

Instrument :
BNA_M
ClientSampled :
WV-D

Tgt Ion:152 Resp: 314981
Ion Ratio Lower Upper
152 100
150 157.1 127.3 190.9
115 62.1 50.8 76.2



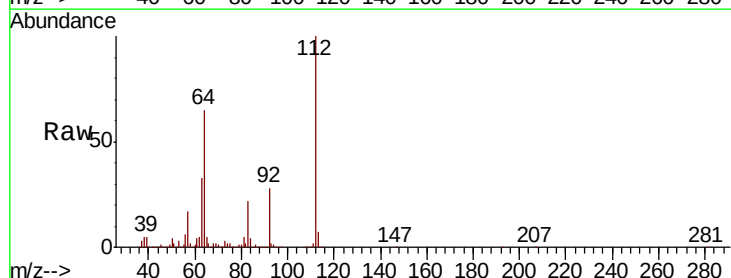
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



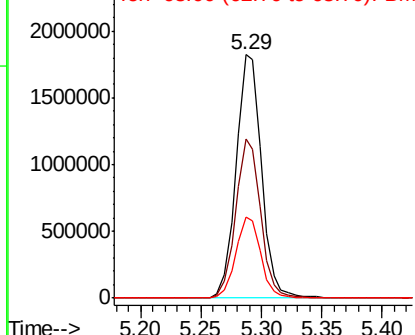
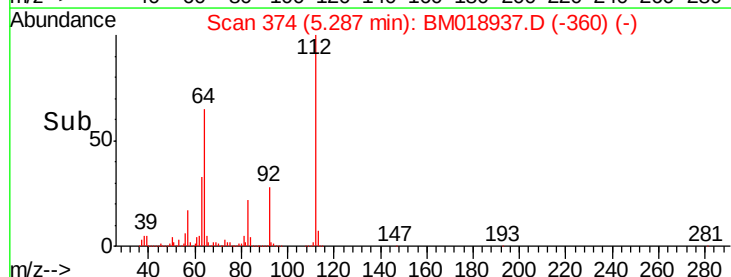
#5

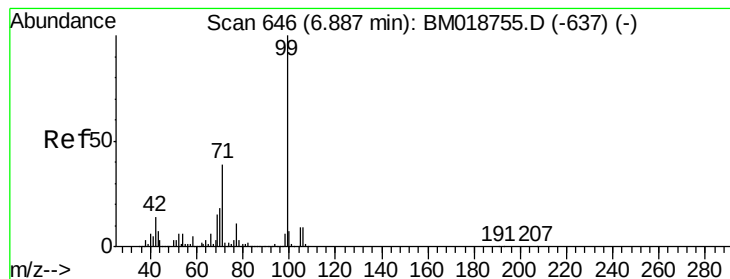
2-Fluorophenol
Concen: 139.141 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018937.D
Acq: 26 Feb 2019 19:48

Tgt Ion:112 Resp: 2674852
Ion Ratio Lower Upper
112 100
64 65.2 50.6 75.8
63 33.2 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: 131.771 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

Instrument :

BNA_M

ClientSampleId :

WV-D

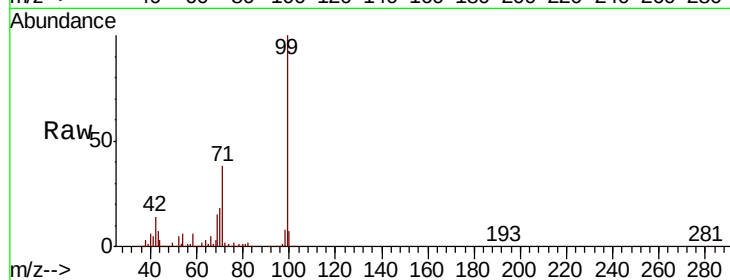
Tgt Ion: 99 Resp: 3568625

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

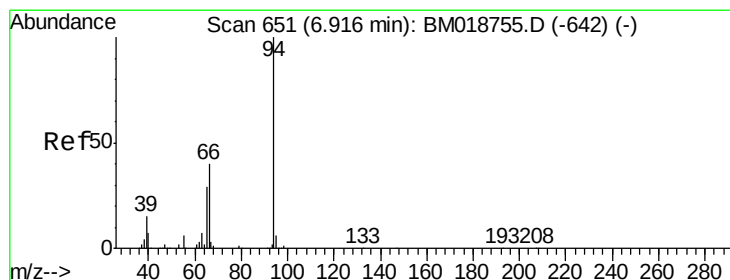
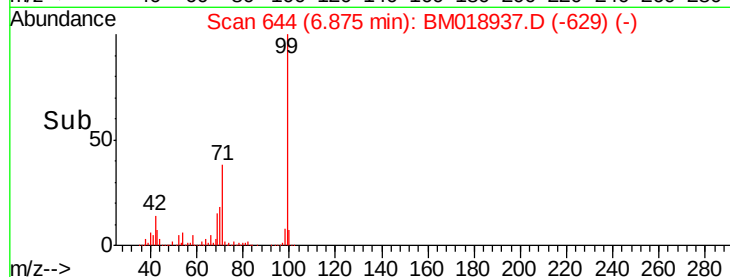
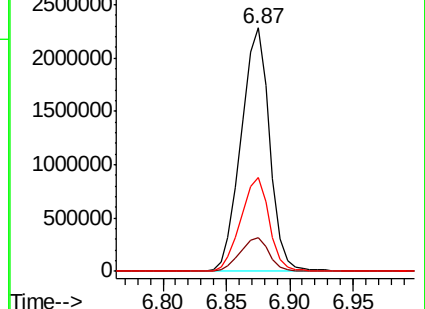
71 38.4 31.3 46.9



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: 2.596 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

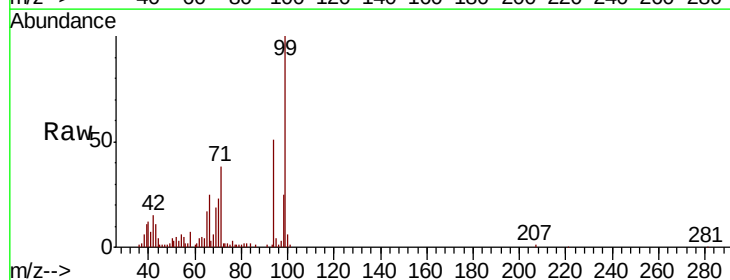
Tgt Ion: 94 Resp: 73981

Ion Ratio Lower Upper

94 100

65 33.7 9.6 49.6

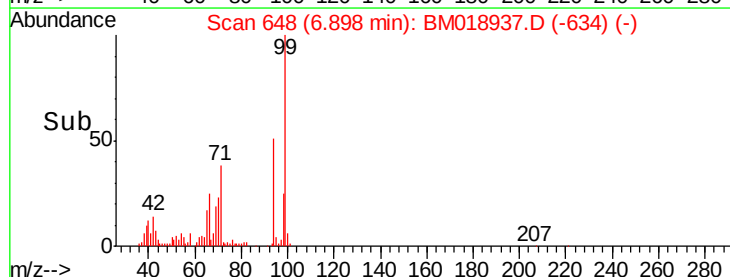
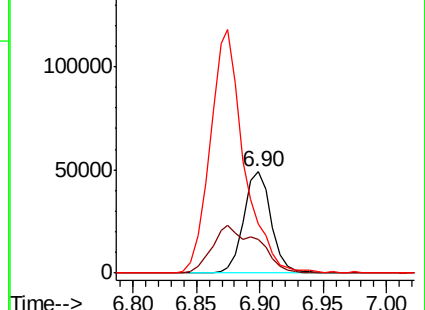
66 48.6 20.4 60.4

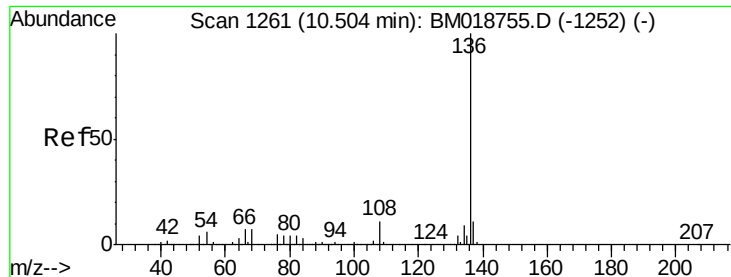


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

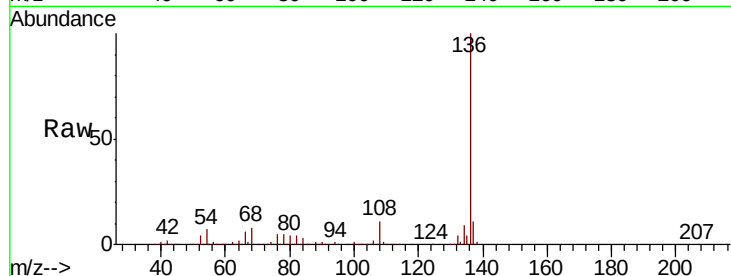




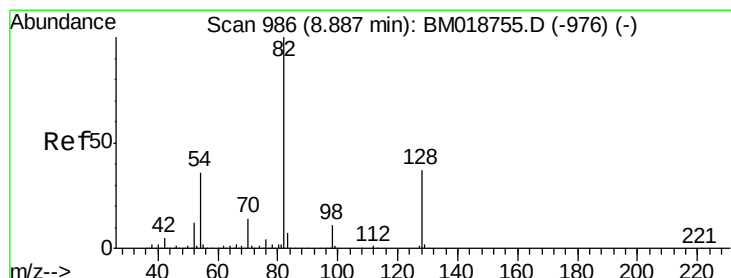
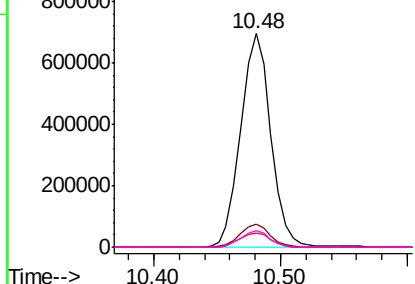
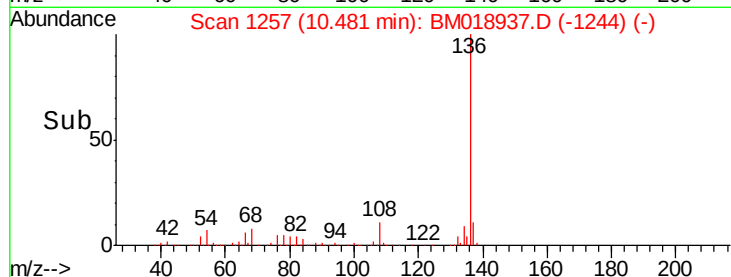
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018937.D
Acq: 26 Feb 2019 19:48

Instrument :
BNA_M
ClientSampleId :
WV-D

Tgt Ion:	136	Resp:	1151893
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.0	7.6
68	7.5	5.5	8.3

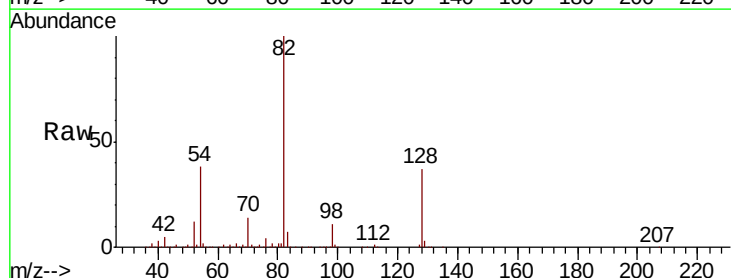


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

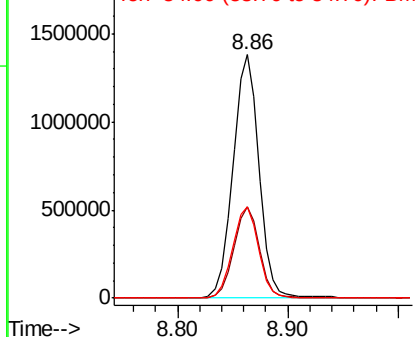
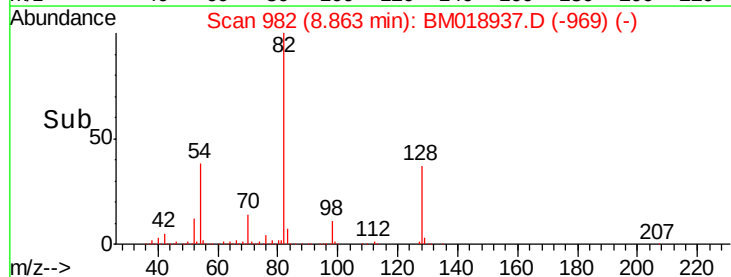


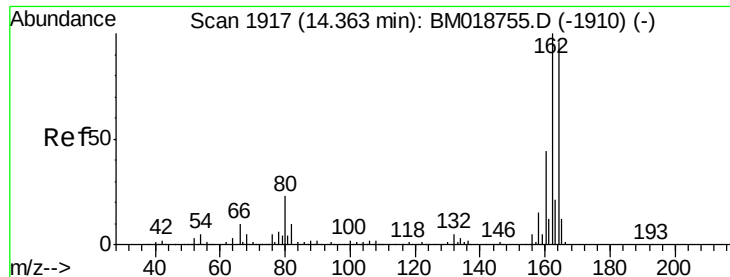
#23
Nitrobenzene-d5
Concen: 92.007 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018937.D
Acq: 26 Feb 2019 19:48

Tgt Ion:	82	Resp:	2292078
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.9	44.9
54	37.5	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. -0.02 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

Instrument :

BNA_M

ClientSampled :

WV-D

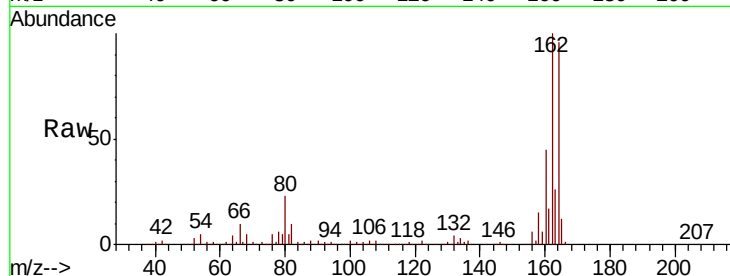
Tgt Ion:164 Resp: 557503

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

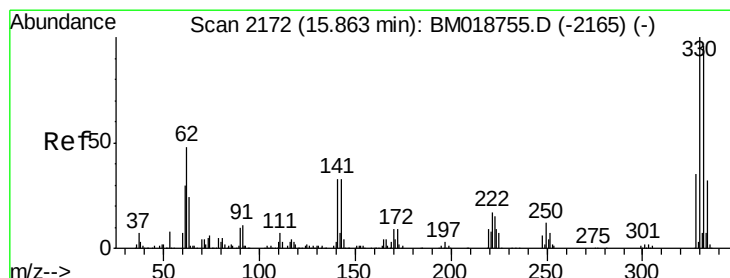
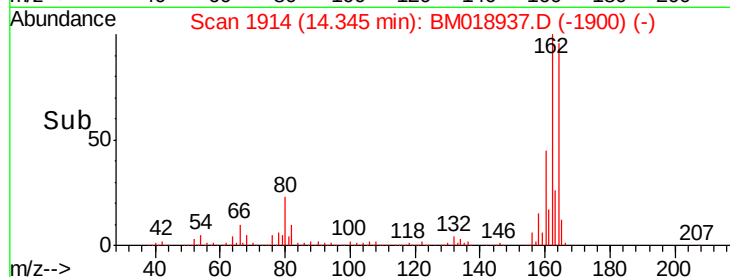
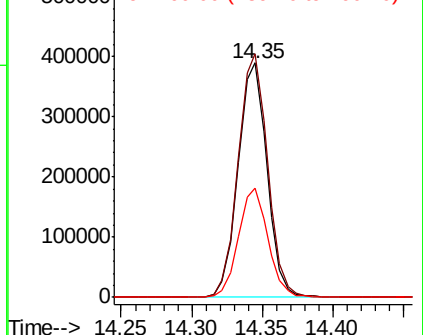
160 46.4 36.6 55.0



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: 122.902 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

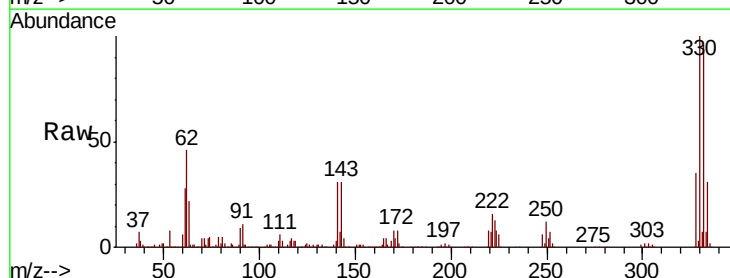
Tgt Ion:330 Resp: 987675

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

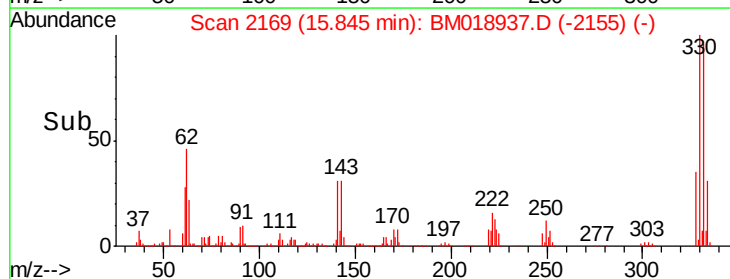
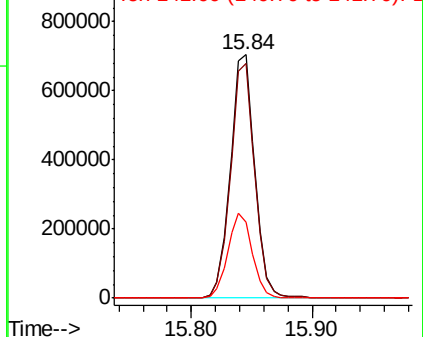
141 35.4 28.7 43.1

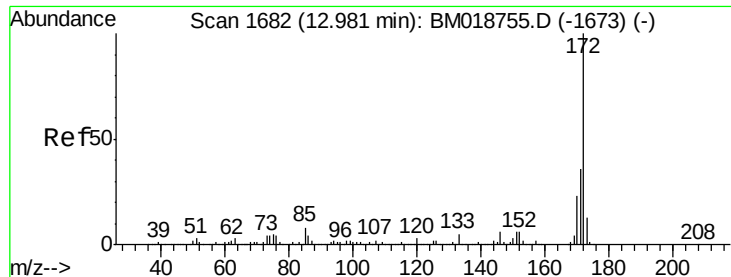


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

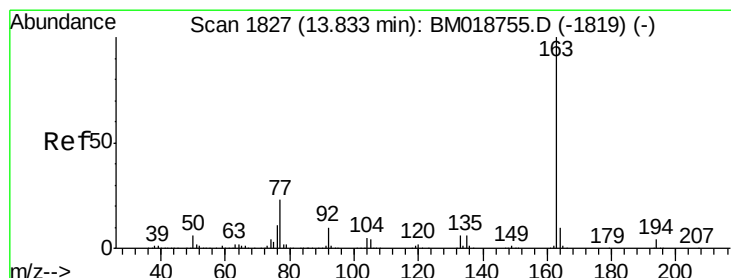
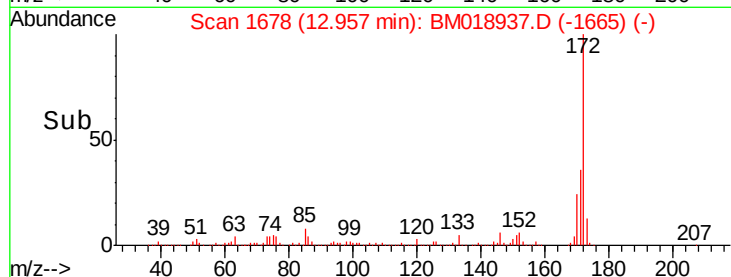
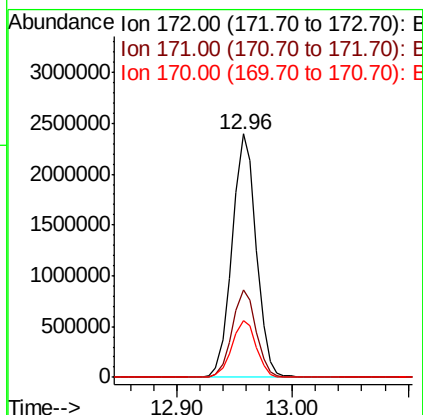
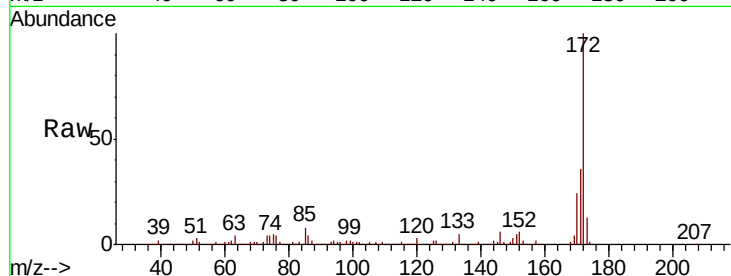




#45
 2-Fluorobiphenyl
 Concen: 82.532 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018937.D
 Acq: 26 Feb 2019 19:48

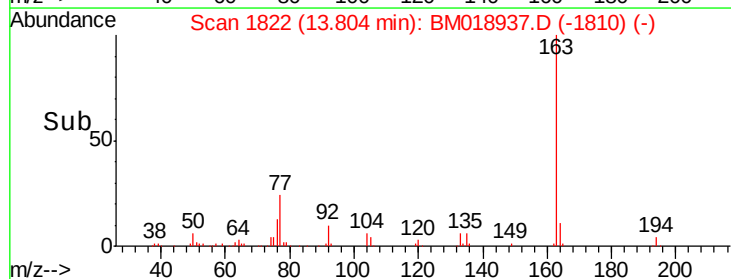
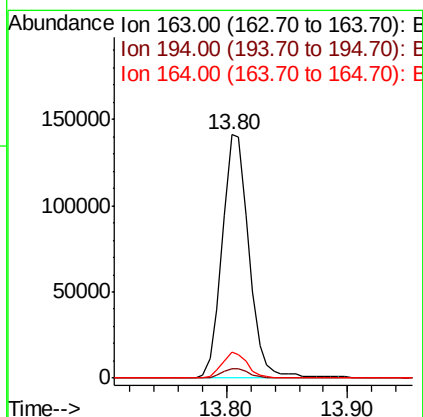
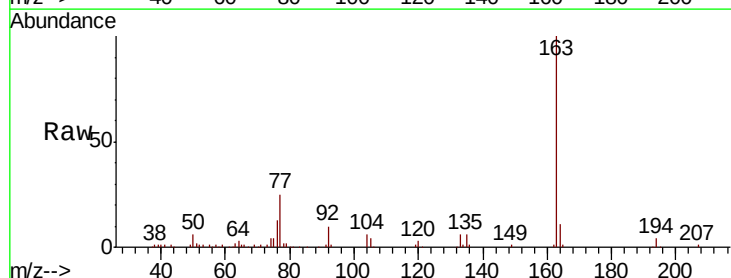
Instrument :
 BNA_M
 ClientSampleId :
 WV-D

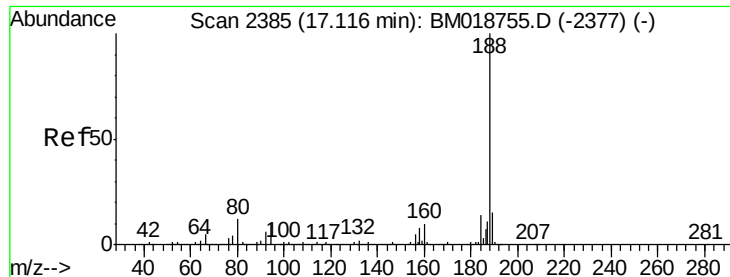
Tgt Ion:172 Resp: 3466131
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.5 18.6 28.0



#50
 Dimethylphthalate
 Concen: 4.674 ng
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BM018937.D
 Acq: 26 Feb 2019 19:48

Tgt Ion:163 Resp: 217171
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.2 4.8
 164 10.8 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

Instrument :

BNA_M

ClientSampleId :

WV-D

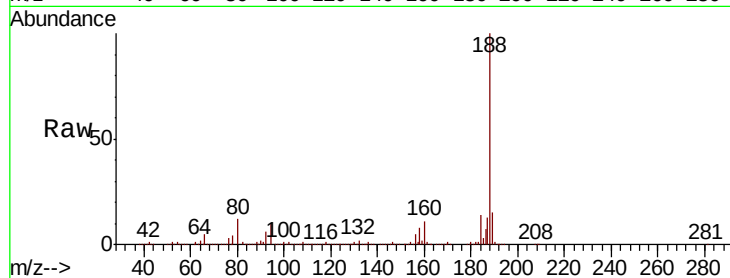
Tgt Ion:188 Resp: 1086497

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

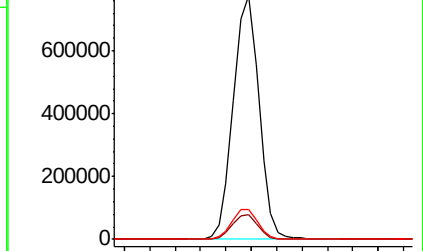
80 12.0 9.7 14.5



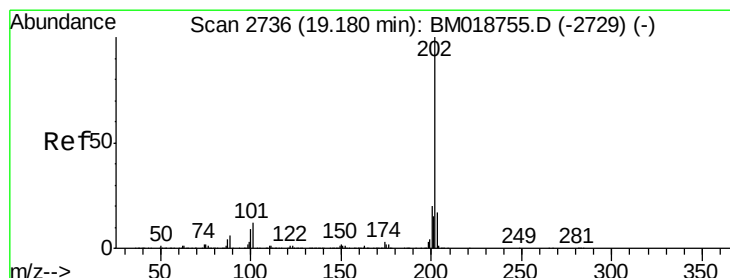
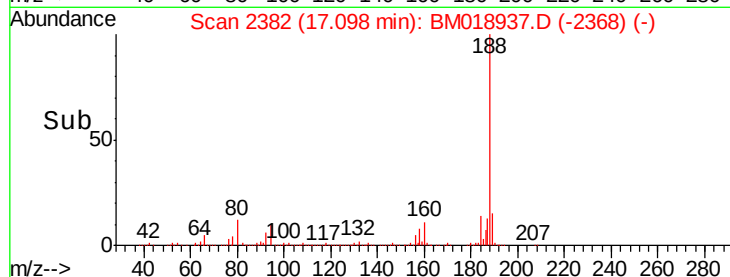
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time-->



#75

Fluoranthene

Concen: 2.079 ng

RT: 19.16 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

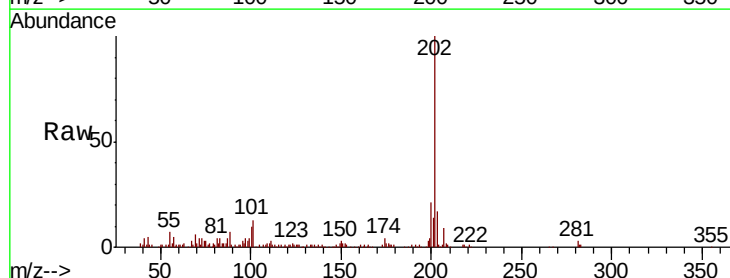
Tgt Ion:202 Resp: 140192

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.5

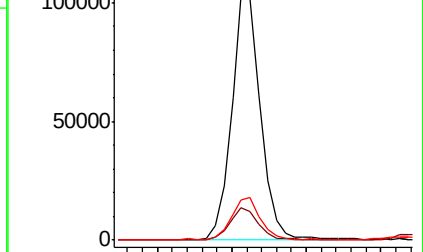
203 16.6 0.0 37.3



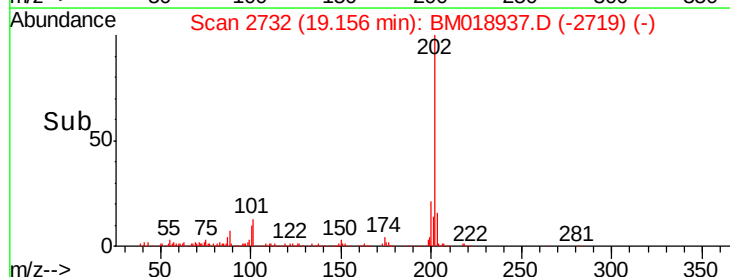
Abundance Ion 202.00 (201.70 to 202.70): E

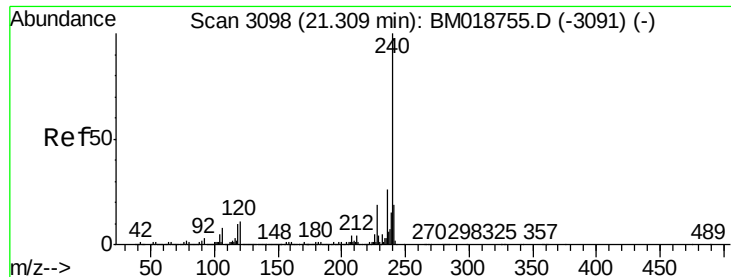
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

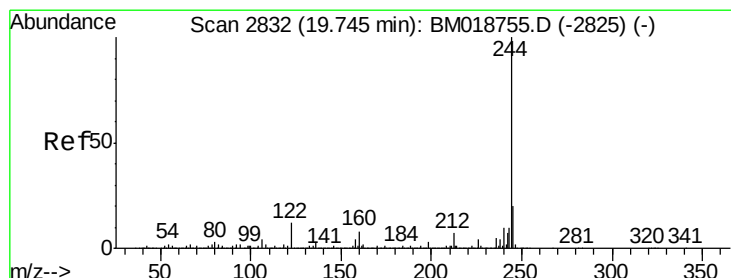
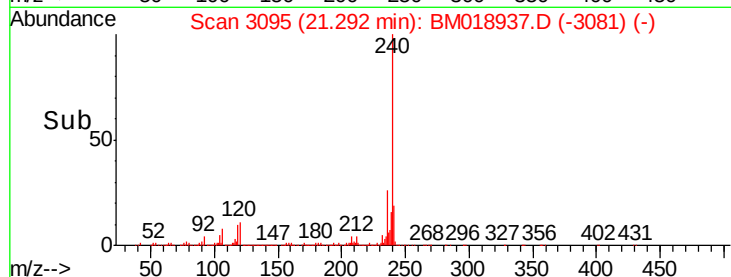
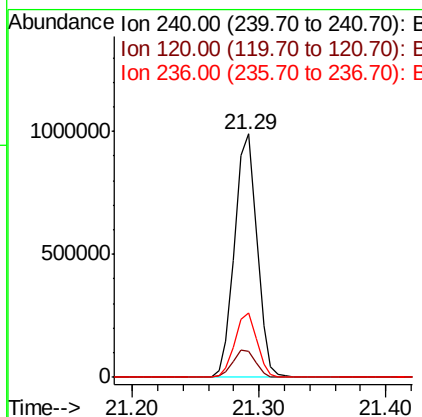
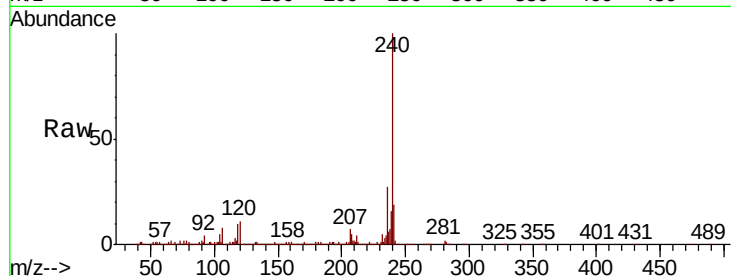




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018937.D
Acq: 26 Feb 2019 19:48

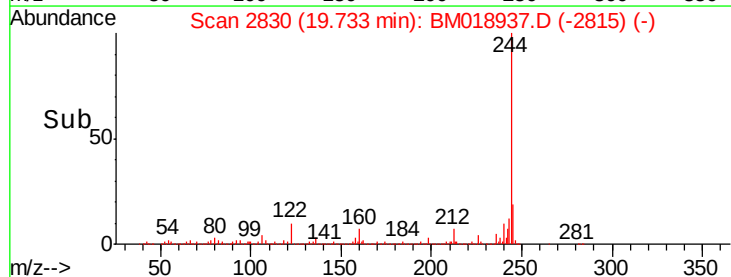
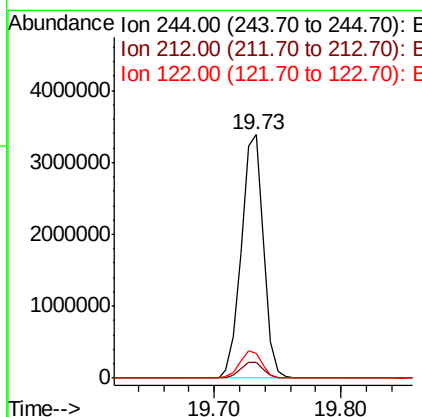
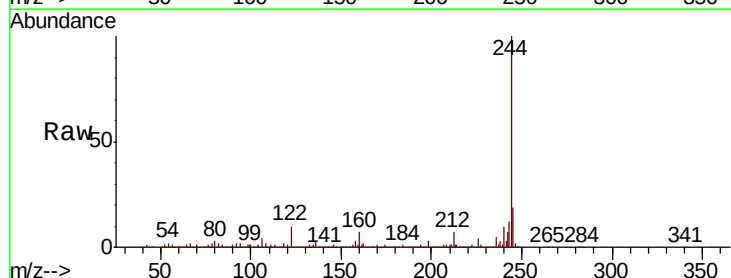
Instrument :
BNA_M
ClientSampleId :
WV-D

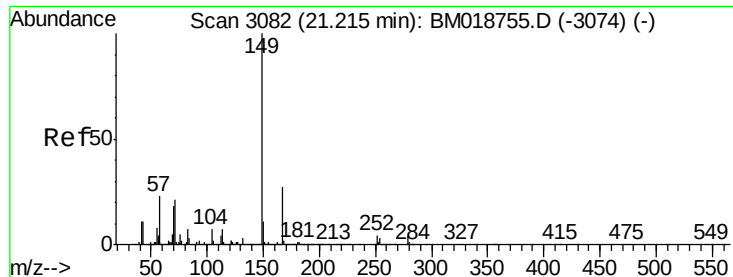
Tgt Ion:240 Resp: 1208659
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.5 20.9 31.3



#79
Terphenyl-d14
Concen: 69.122 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM018937.D
Acq: 26 Feb 2019 19:48

Tgt Ion:244 Resp: 4049887
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.1 9.3 13.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.180 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

Instrument :

BNA_M

ClientSampleId :

WV-D

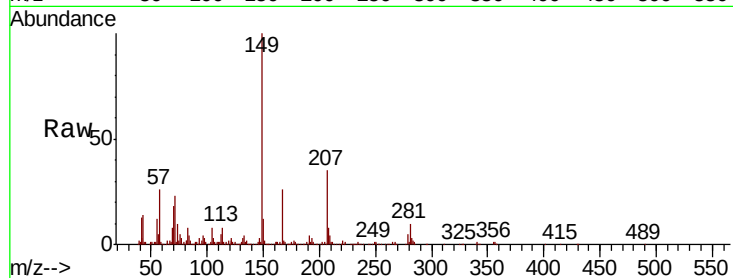
Tgt Ion:149 Resp: 195734

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

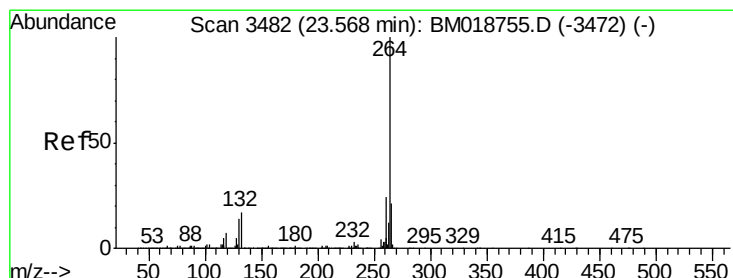
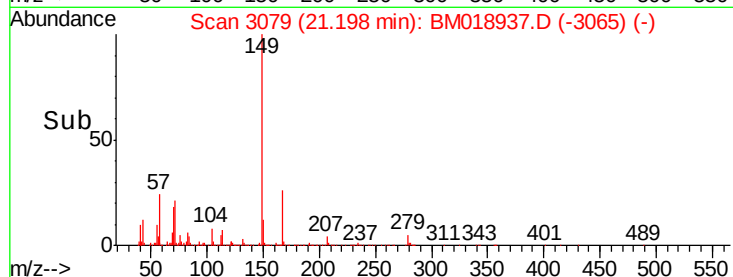
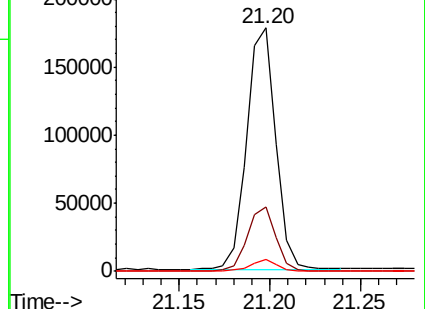
279 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3477

Delta R.T. -0.03 min

Lab File: BM018937.D

Acq: 26 Feb 2019 19:48

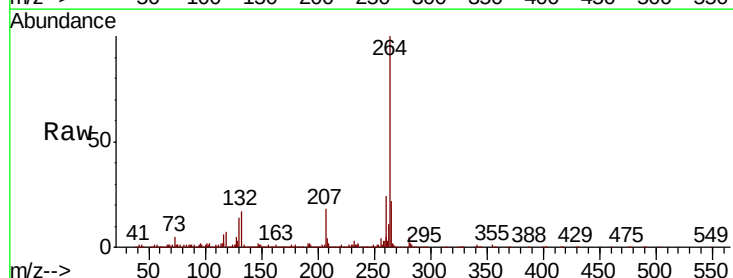
Tgt Ion:264 Resp: 1379190

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.9 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

