

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018938.D
 Acq On : 26 Feb 2019 20:24
 Operator : JU/SJ
 Sample : K1610-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-E

Quant Time: Feb 27 00:04:14 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

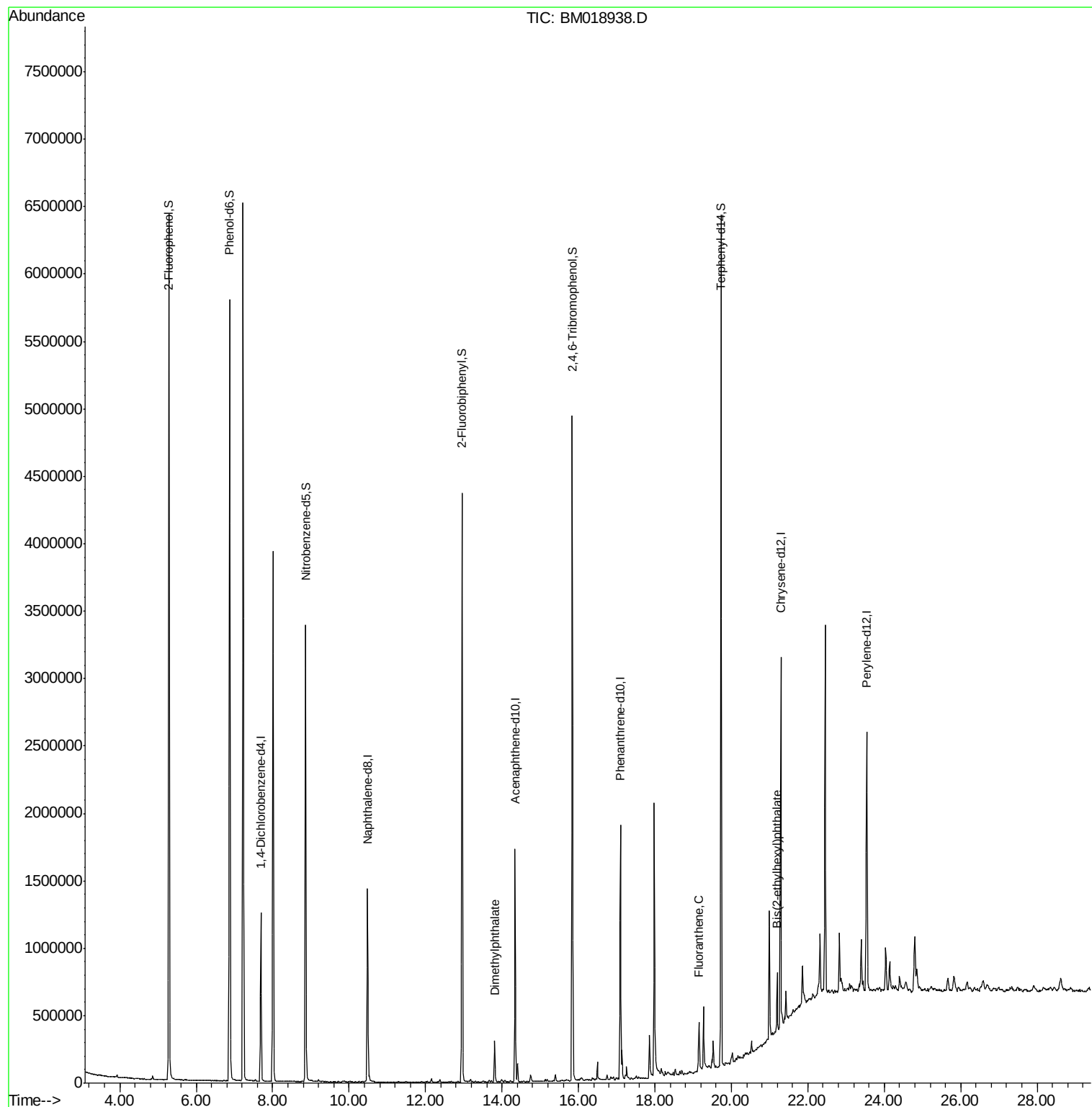
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	311392	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1133441	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	545766	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1038176	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1157179	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1330658	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2540776	133.69	ng	-0.02
7) Phenol-d6	6.87	99	3324325	124.17	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2130698	86.92	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	881522	112.05	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2133353	51.89	ng	-0.02
79) Terphenyl-d14	19.73	244	2820086	50.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	7360	Below Cal		Qvalue # 20
50) Dimethylphthalate	13.80	163	202356	4.449	ng	99
75) Fluoranthene	19.16	202	132898	2.062	ng	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	149895	3.344	ng	98

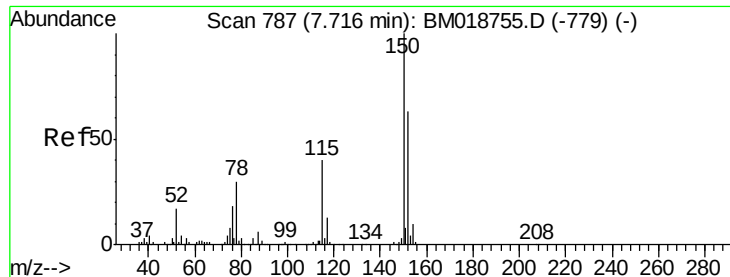
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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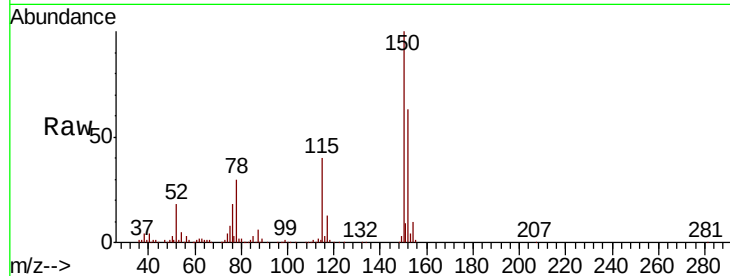


#1

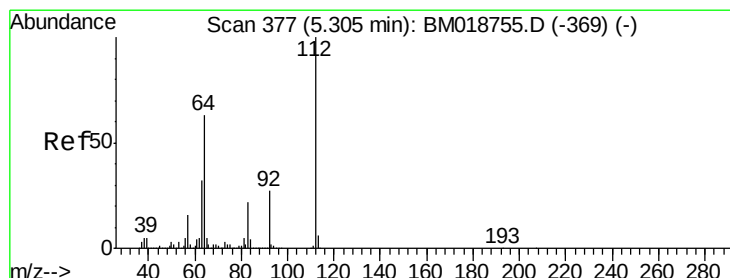
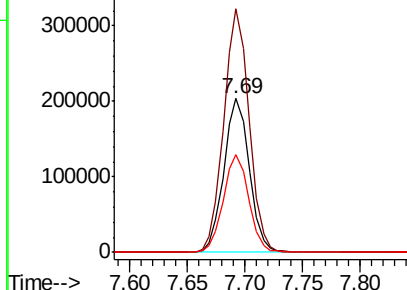
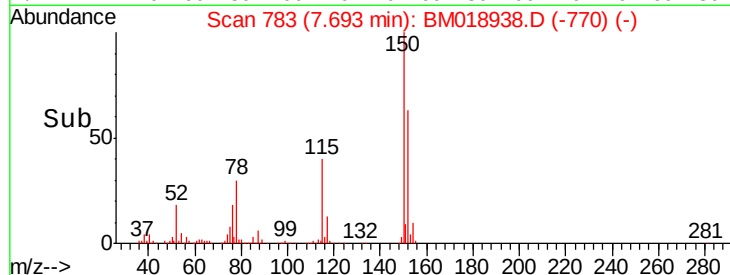
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018938.D
Acq: 26 Feb 2019 20:24

Instrument :
BNA_M
ClientSampleId :
WV-E

Tgt Ion:152 Resp: 311392
Ion Ratio Lower Upper
152 100
150 158.2 127.3 190.9
115 63.1 50.8 76.2



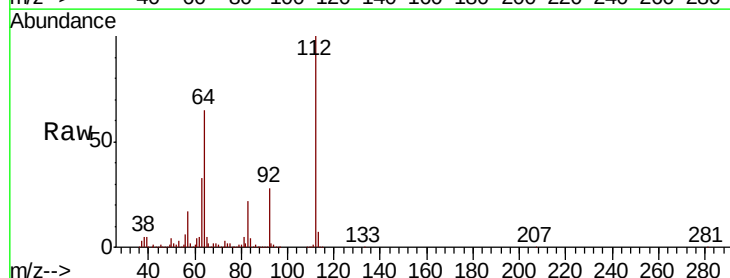
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



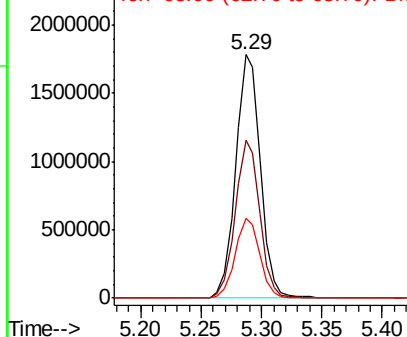
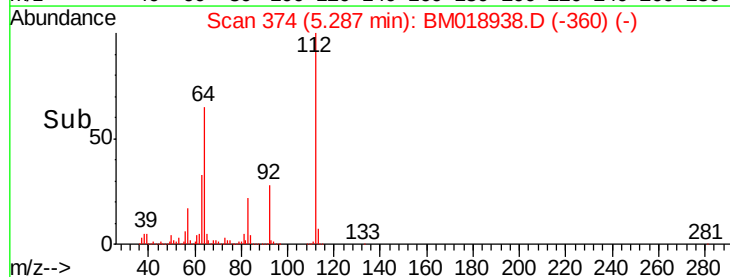
#5

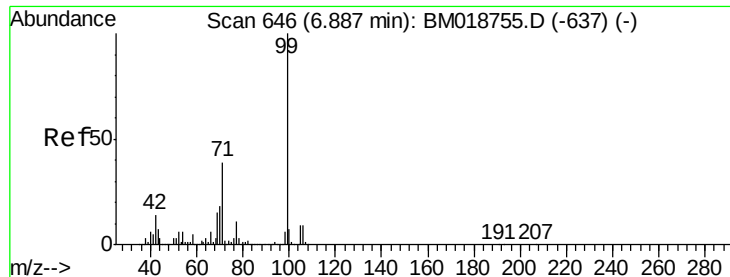
2-Fluorophenol
Concen: 133.690 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018938.D
Acq: 26 Feb 2019 20:24

Tgt Ion:112 Resp: 2540776
Ion Ratio Lower Upper
112 100
64 64.7 50.6 75.8
63 33.0 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: 124.165 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018938.D

Acq: 26 Feb 2019 20:24

Instrument :

BNA_M

ClientSampled :

WV-E

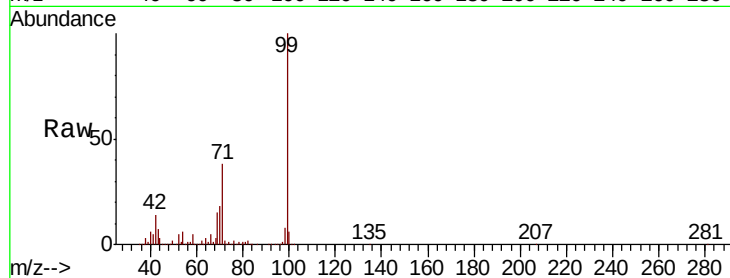
Tgt Ion: 99 Resp: 3324325

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

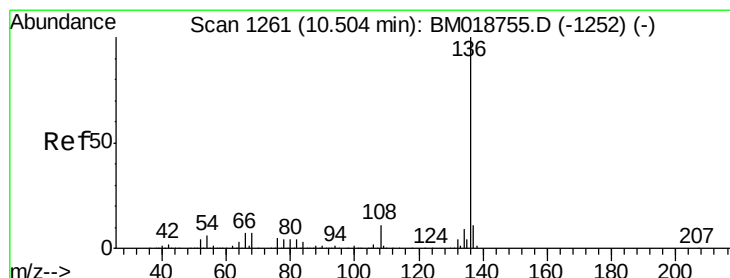
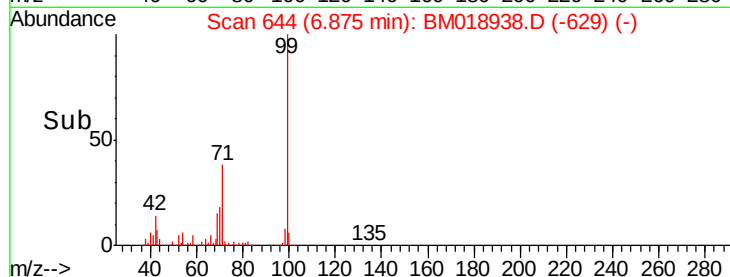
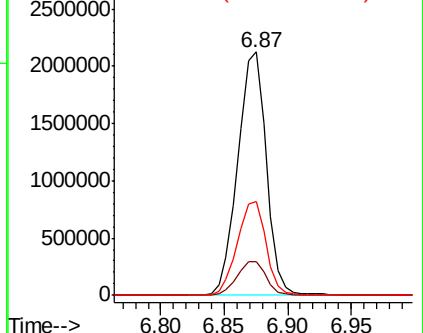
71 38.5 31.3 46.9



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018938.D

Acq: 26 Feb 2019 20:24

Tgt Ion: 136 Resp: 1133441

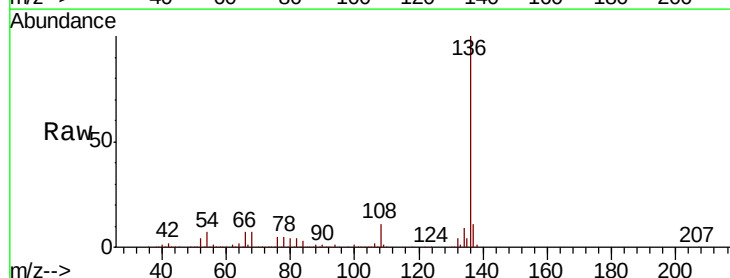
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.9 5.0 7.6

68 7.4 5.5 8.3

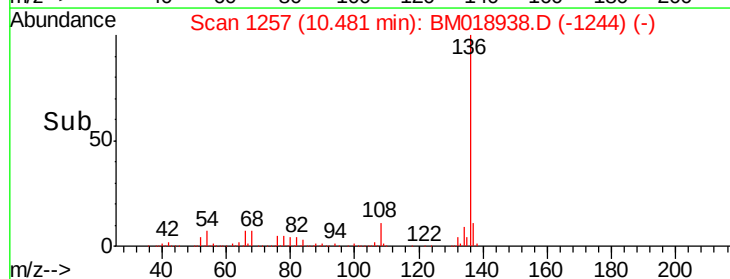
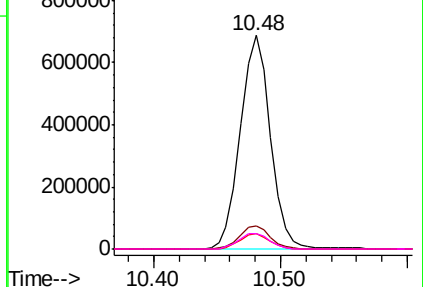


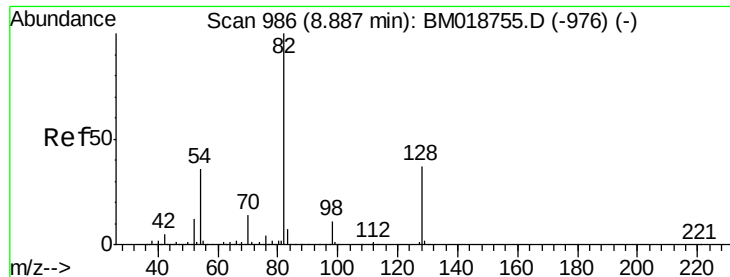
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

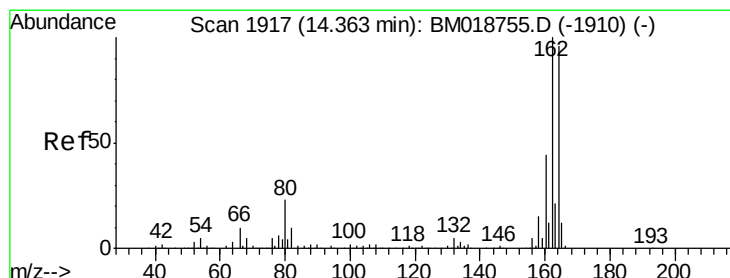
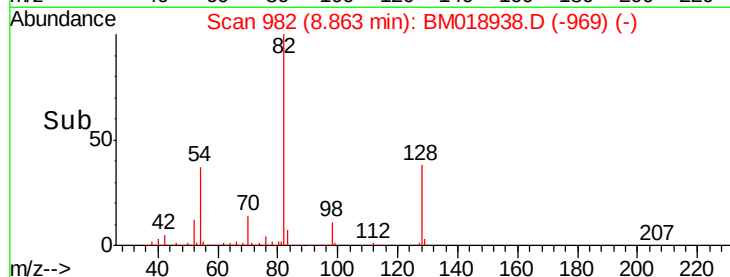
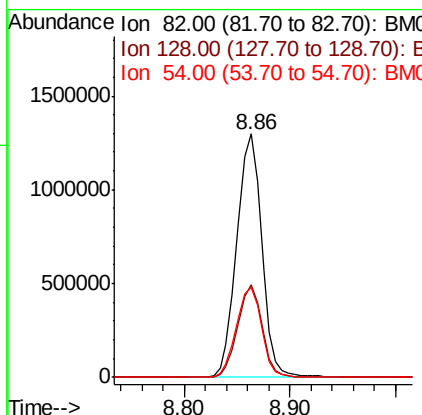
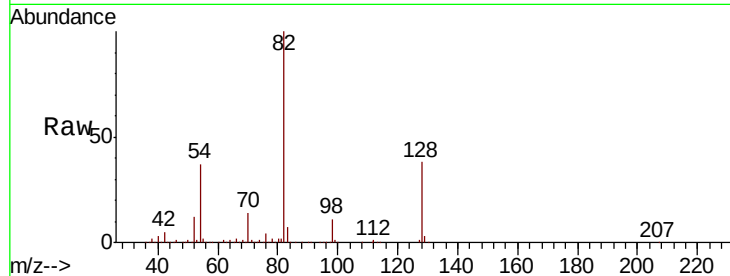




#23
 Nitrobenzene-d5
 Concen: 86.922 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BM018938.D
 Acq: 26 Feb 2019 20:24

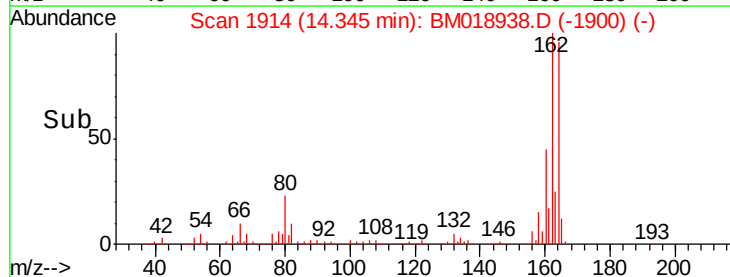
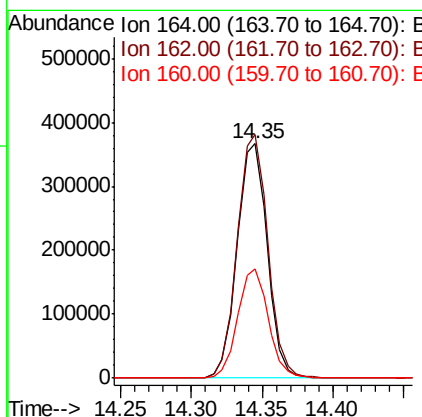
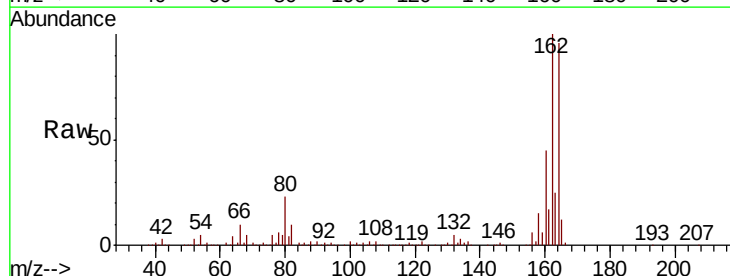
Instrument :
 BNA_M
 ClientSampleId :
 WV-E

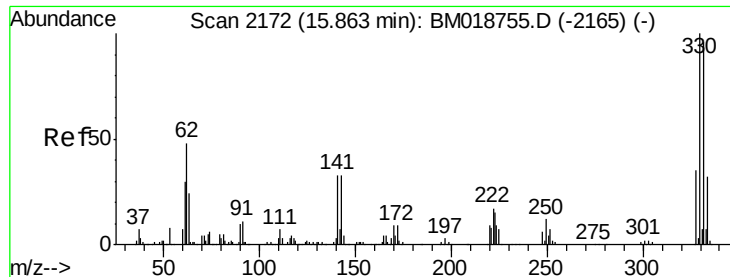
Tgt Ion: 82 Resp: 2130698
 Ion Ratio Lower Upper
 82 100
 128 38.0 29.9 44.9
 54 37.1 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018938.D
 Acq: 26 Feb 2019 20:24

Tgt Ion: 164 Resp: 545766
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 46.7 36.6 55.0

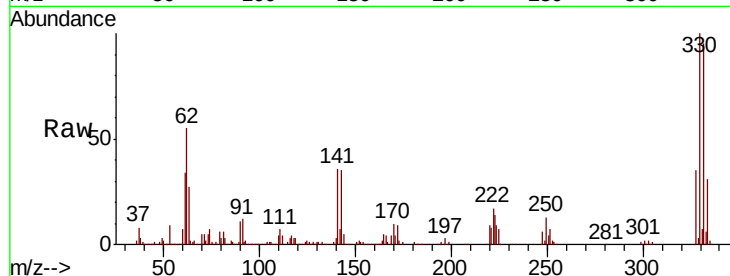




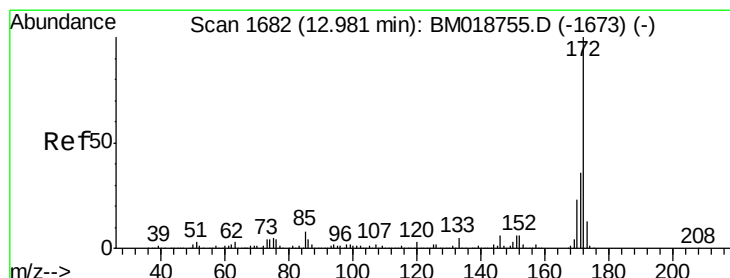
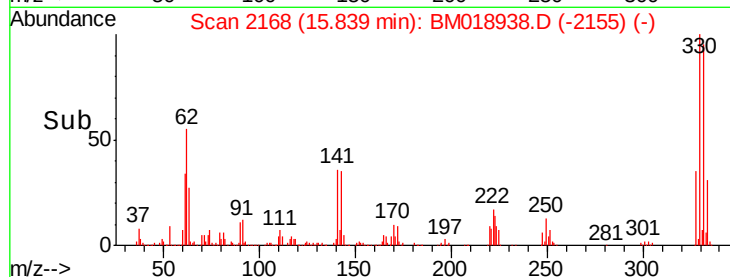
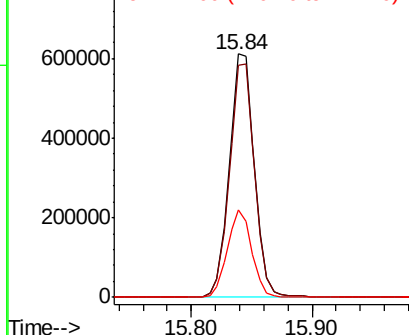
#42
 2,4,6-Tribromophenol
 Concen: 112.052 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018938.D
 Acq: 26 Feb 2019 20:24

Instrument :
 BNA_M
 ClientSampled :
 WV-E

Tgt Ion:330 Resp: 881522
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 35.3 28.7 43.1

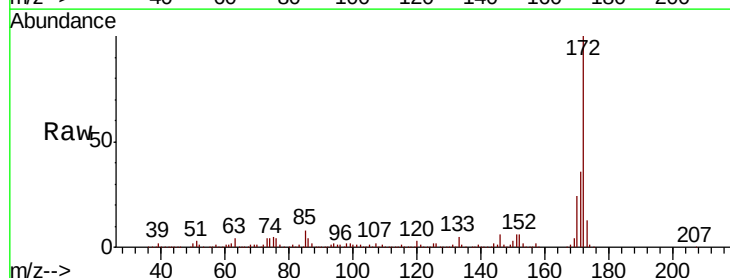


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

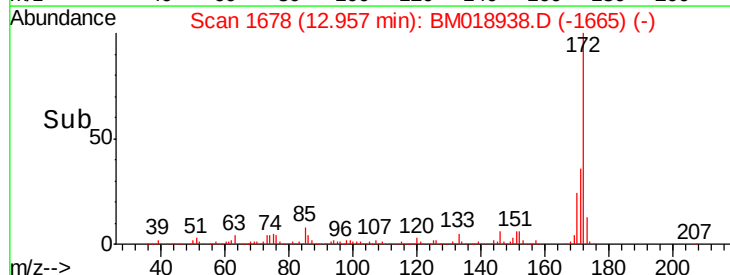
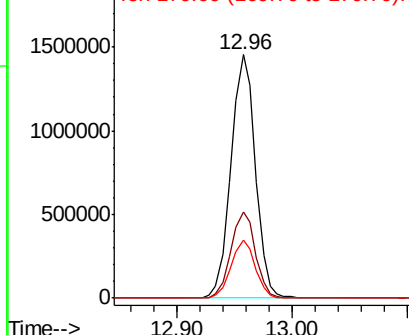


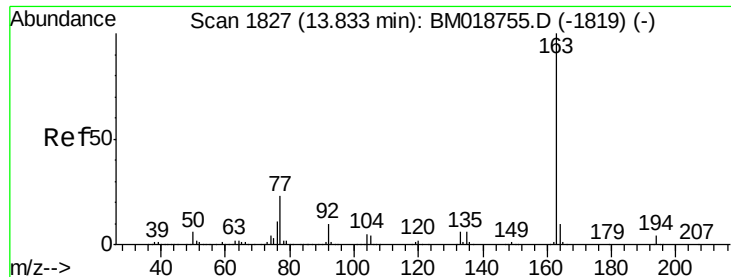
#45
 2-Fluorobiphenyl
 Concen: 51.890 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018938.D
 Acq: 26 Feb 2019 20:24

Tgt Ion:172 Resp: 2133353
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.7 18.6 28.0



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

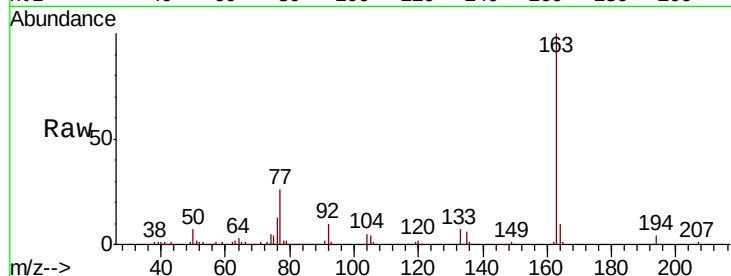




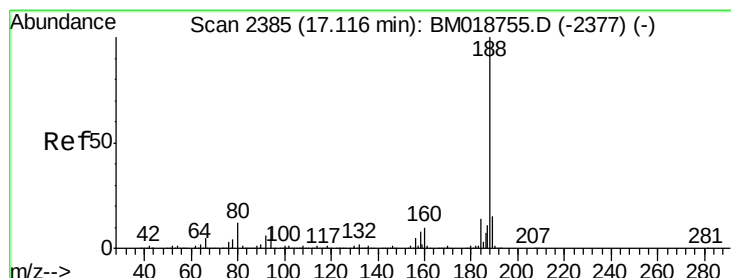
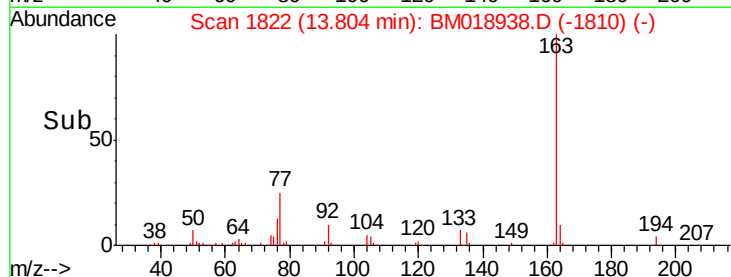
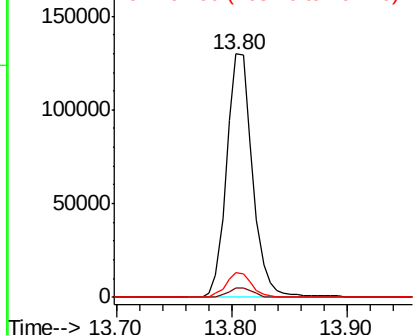
#50
Dimethylphthalate
Concen: 4.449 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM018938.D
Acq: 26 Feb 2019 20:24

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Tgt Ion:163 Resp: 202356
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 7.8 11.8

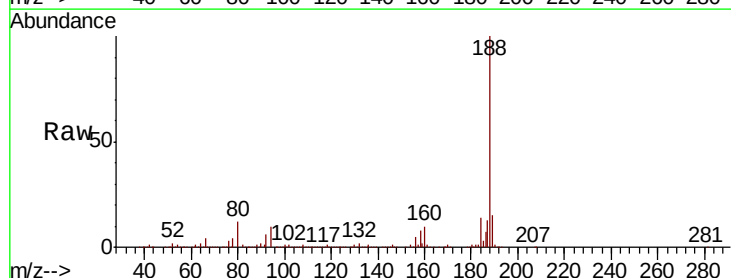


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

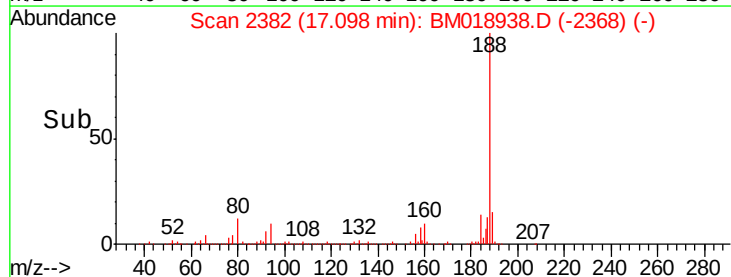
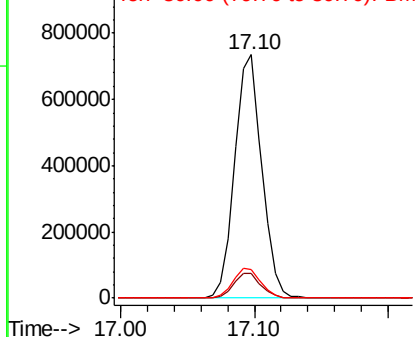


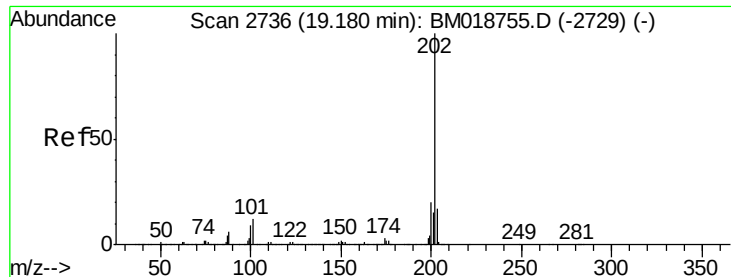
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018938.D
Acq: 26 Feb 2019 20:24

Tgt Ion:188 Resp: 1038176
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.8 9.7 14.5



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

Fluoranthene

Concen: 2.062 ng

RT: 19.16 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM018938.D

Acq: 26 Feb 2019 20:24

Instrument :

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ClientSampleId :

WV-E

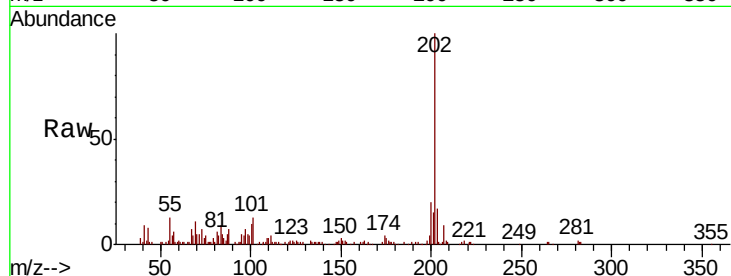
Tgt Ion:202 Resp: 132898

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.5

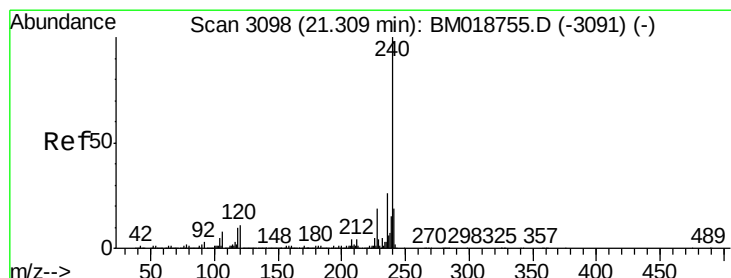
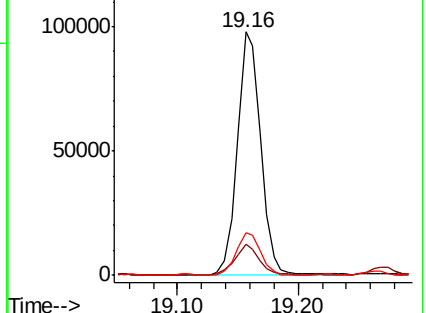
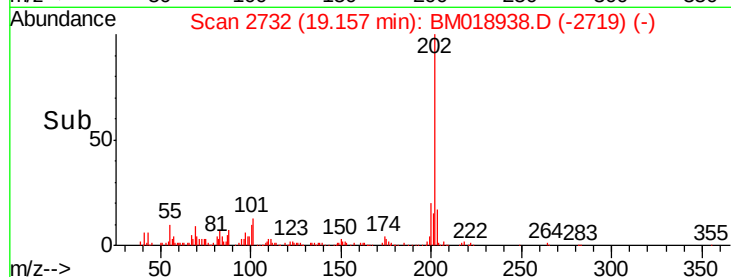
203 17.3 0.0 37.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018938.D

Acq: 26 Feb 2019 20:24

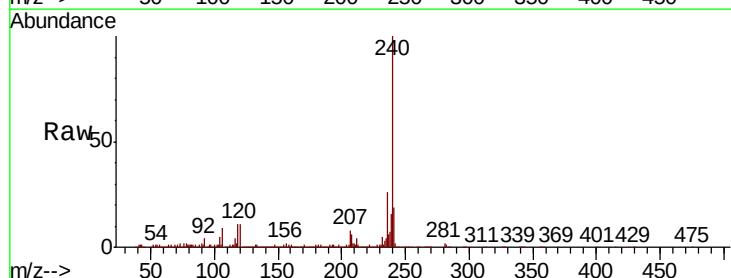
Tgt Ion:240 Resp: 1157179

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

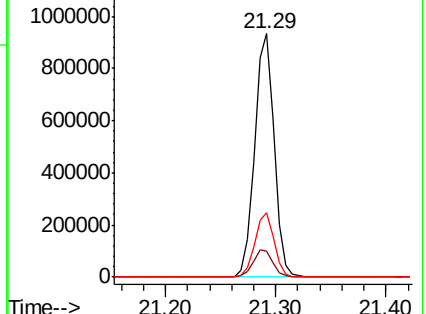
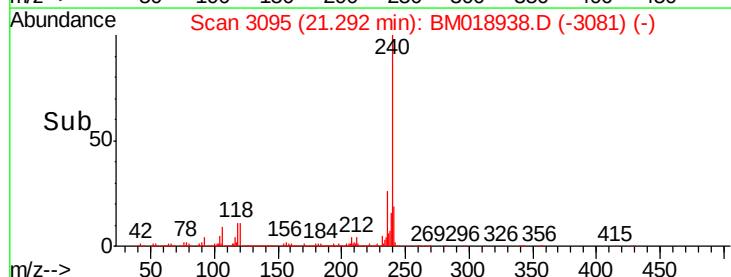
236 26.4 20.9 31.3

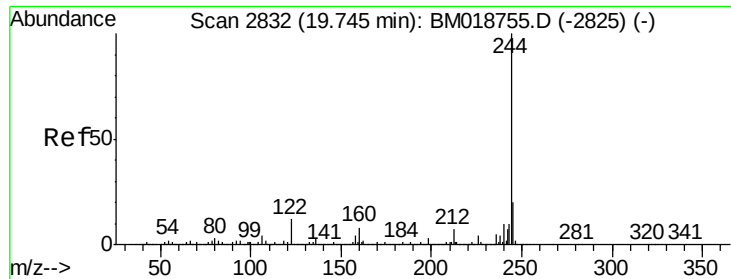


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 50.274 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018938.D

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WV-E

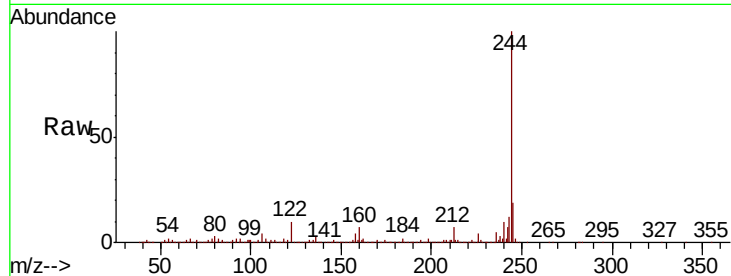
Tgt Ion:244 Resp: 2820086

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

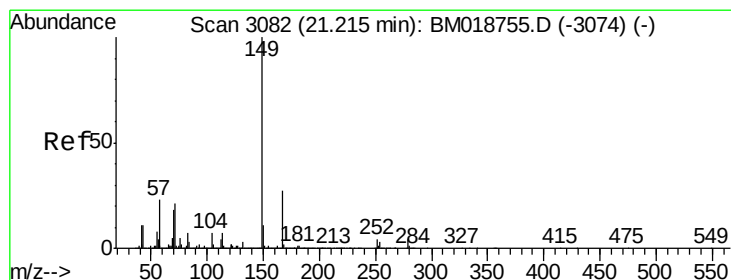
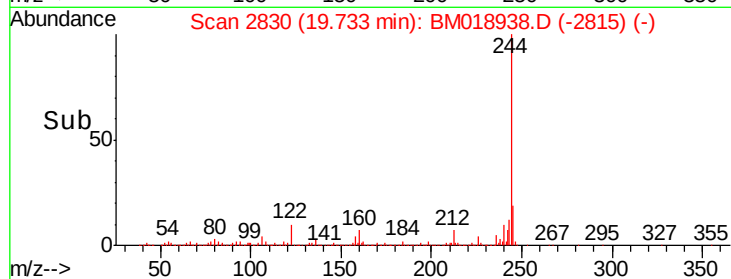
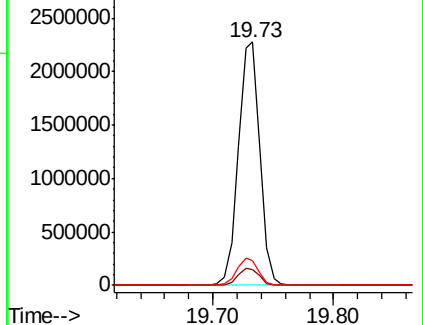
122 10.4 9.3 13.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.344 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018938.D

Acq: 26 Feb 2019 20:24

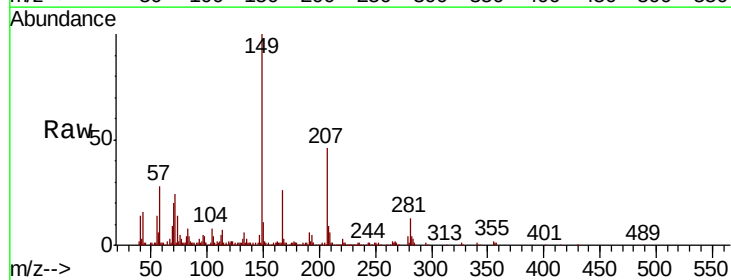
Tgt Ion:149 Resp: 149895

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

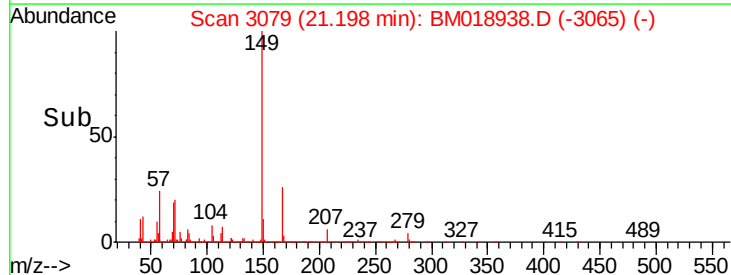
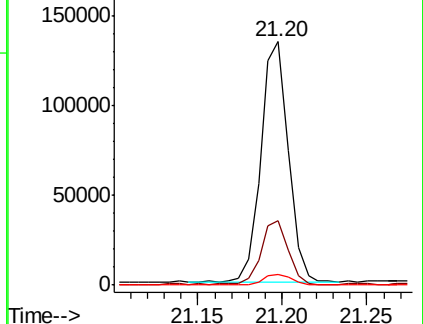
279 4.2 3.6 5.4

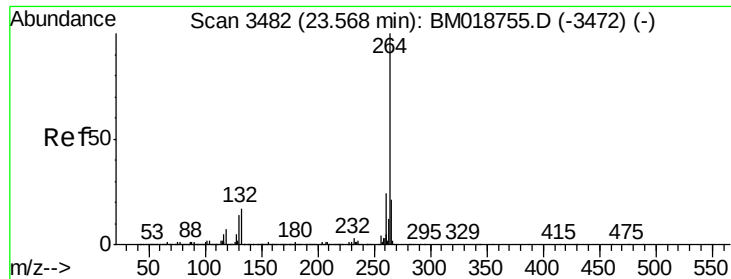


Abundance Ion 149.00 (148.70 to 149.70): E

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: BM018938.D
Acq: 26 Feb 2019 20:24

Instrument :
BNA_M
ClientSampleId :
WV-E

Tgt Ion: 264 Resp: 1330658

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	17.3	25.9

