

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018304.D
 Acq On : 19 Dec 2018 19:47
 Operator : JU/SJ
 Sample : J6453-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-SOIL

Quant Time: Dec 20 01:07:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

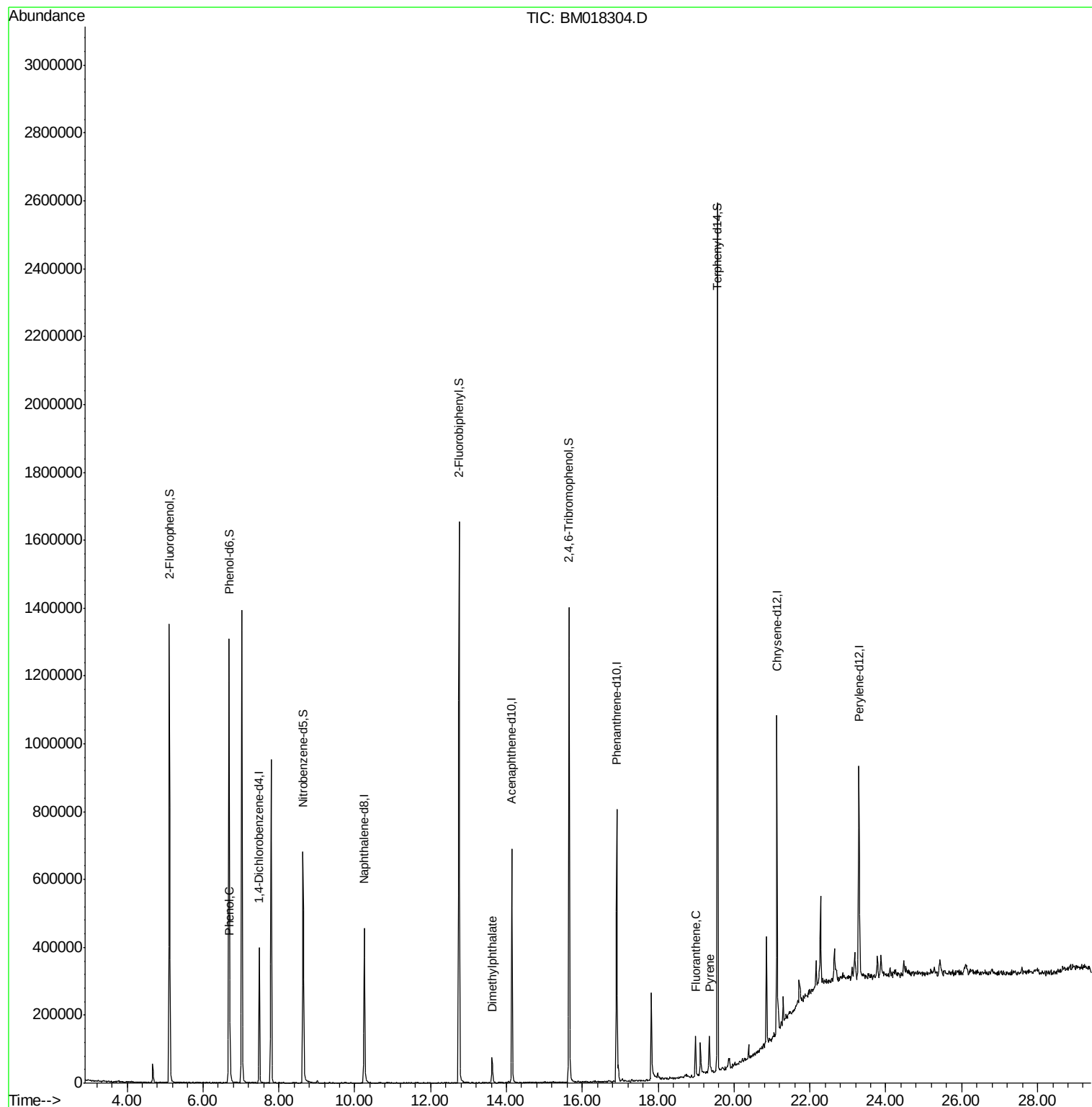
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	98922	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	387497	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	220582	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	447412	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	423777	20.00	ng	-0.01
87) Perylene-d12	23.29	264	421886	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	537279	90.73	ng	-0.01
7) Phenol-d6	6.69	99	717607	87.19	ng	-0.02
23) Nitrobenzene-d5	8.64	82	448336	59.35	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	240099	74.16	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	860624	50.53	ng	-0.02
79) Terphenyl-d14	19.56	244	1069845	57.10	ng	-0.01
Target Compounds						
10) Phenol	6.71	94	40733	4.673	ng	94
50) Dimethylphthalate	13.62	163	58929	3.213	ng	99
75) Fluoranthene	18.99	202	65610	2.322	ng	98
78) Pyrene	19.35	202	61214	2.424	ng	99

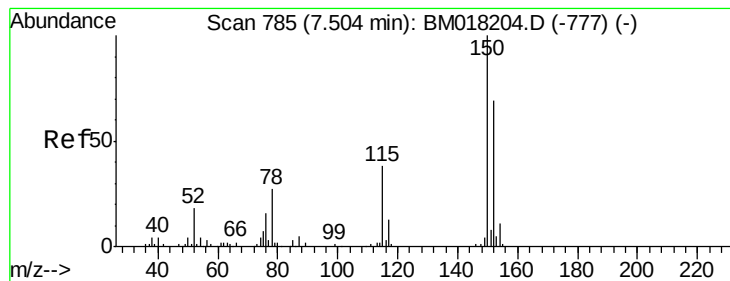
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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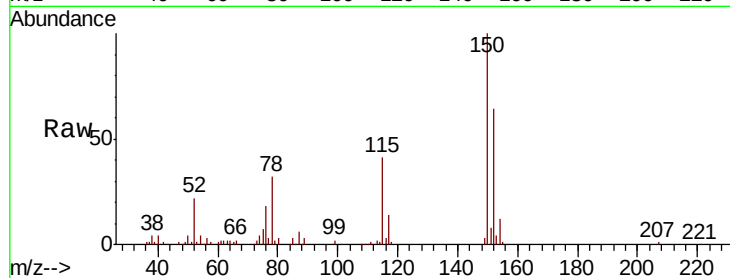


#1

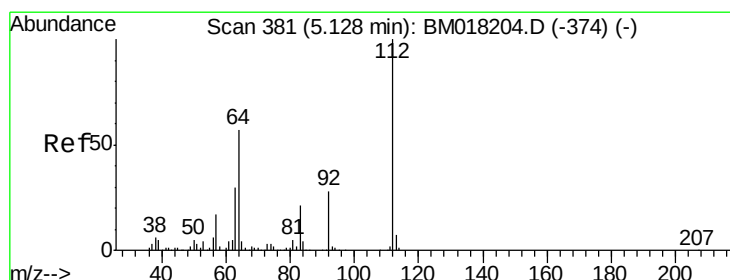
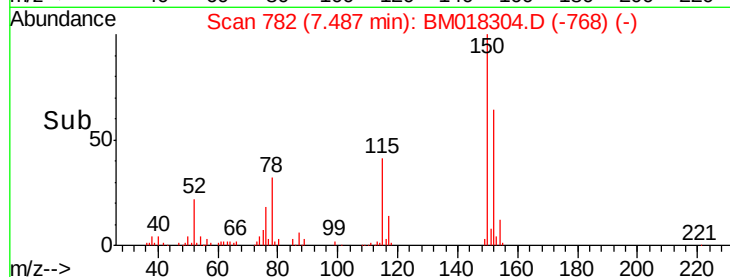
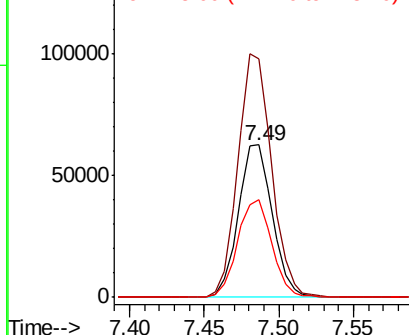
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BM018304.D
 Acq: 19 Dec 2018 19:47

Instrument :
 BNA_M
 ClientSampleId :
 SS-SOIL

Tgt Ion:152 Resp: 98922
 Ion Ratio Lower Upper
 152 100
 150 156.5 116.1 174.1
 115 64.2 44.6 67.0



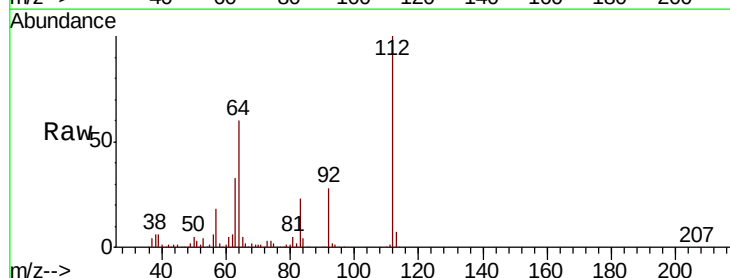
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



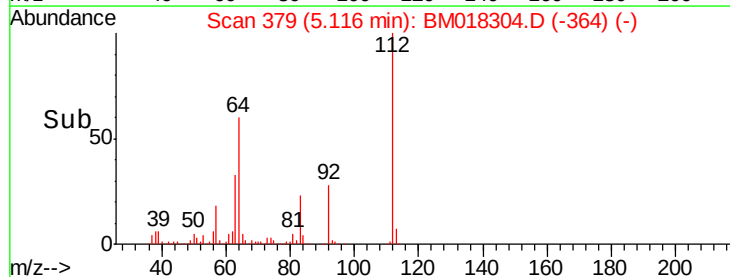
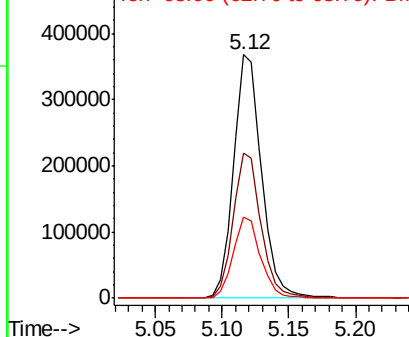
#5

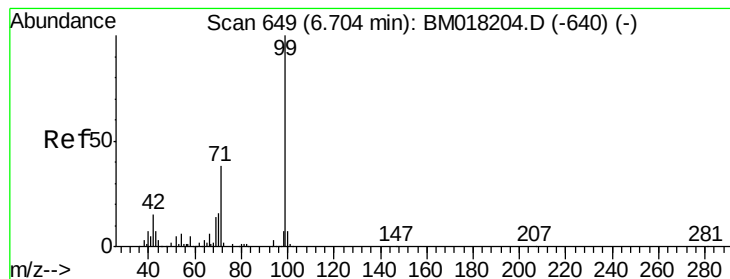
2-Fluorophenol
 Concen: 90.730 ng
 RT: 5.12 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: BM018304.D
 Acq: 19 Dec 2018 19:47

Tgt Ion:112 Resp: 537279
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.4 68.2
 63 33.2 24.0 36.0



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: 87.186 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

Instrument :

BNA_M

ClientSampleId :

SS-SOIL

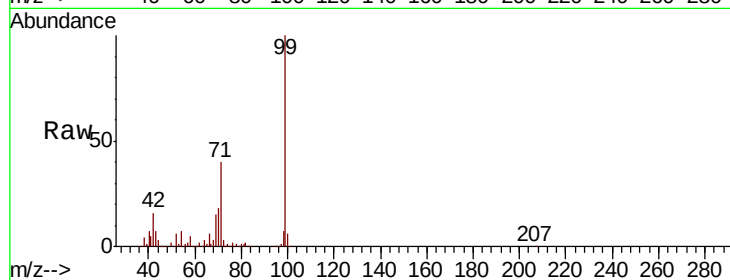
Tgt Ion: 99 Resp: 717607

Ion Ratio Lower Upper

99 100

42 16.2 12.3 18.5

71 40.0 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018304.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018304.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018304.D (-640) (-)

6.69

400000

300000

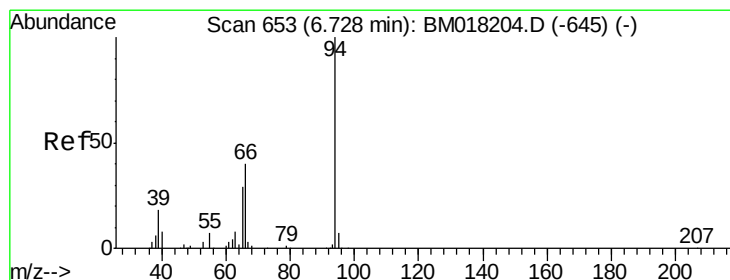
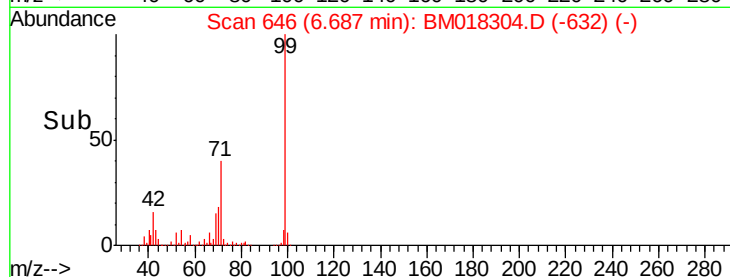
200000

100000

0

6.60 6.65 6.70 6.75 6.80

Time-->



#10

Phenol

Concen: 4.673 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

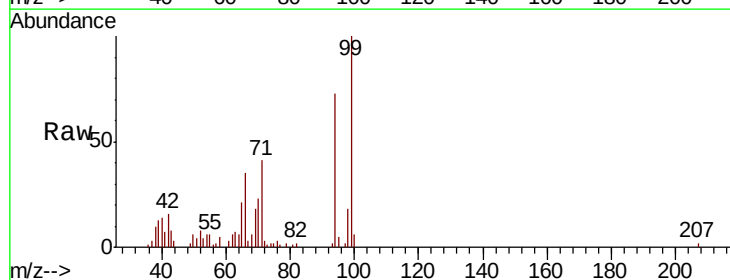
Tgt Ion: 94 Resp: 40733

Ion Ratio Lower Upper

94 100

65 28.7 9.5 49.5

66 47.6 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018304.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018304.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018304.D (-645) (-)

6.71

30000

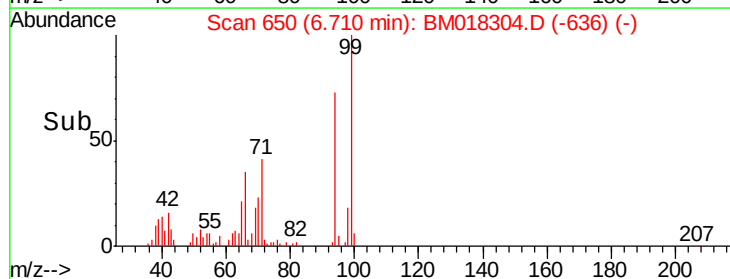
20000

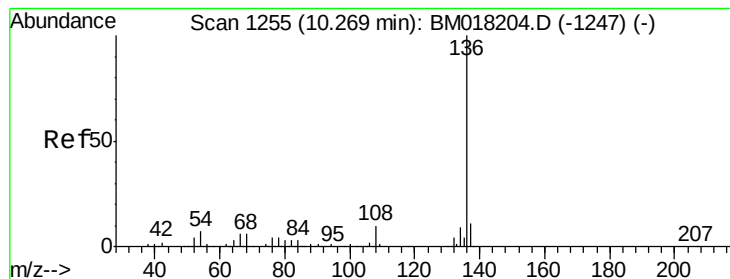
10000

0

6.65 6.70 6.75

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

Instrument :

BNA_M

ClientSampleId :

SS-SOIL

Tgt Ion:136 Resp: 387497

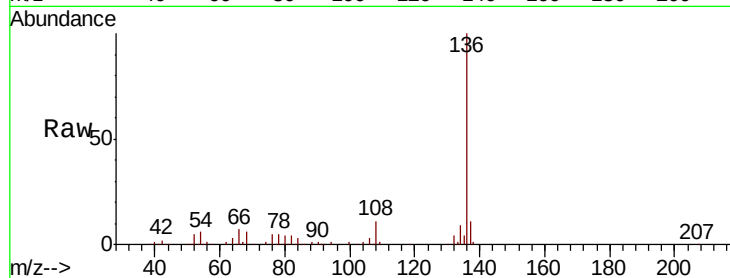
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.2 5.2 7.8

68 5.8 5.0 7.6

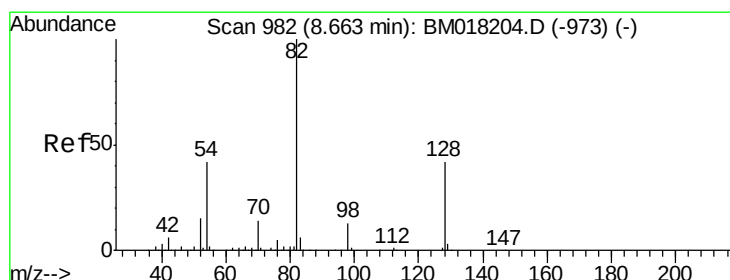
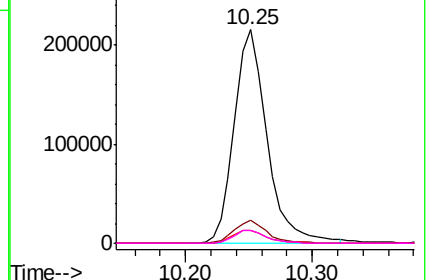
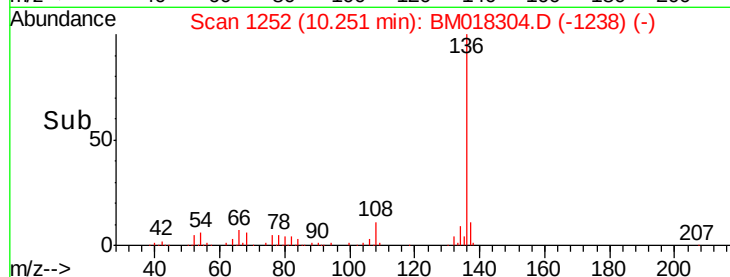


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.347 ng

RT: 8.64 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

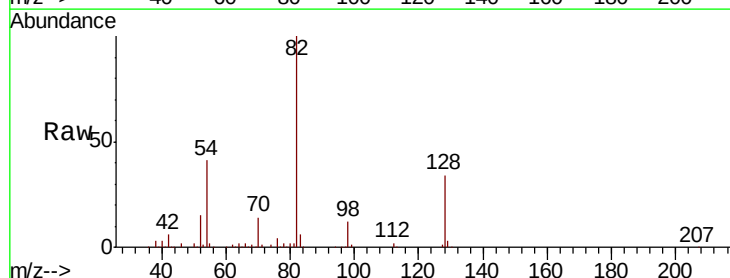
Tgt Ion: 82 Resp: 448336

Ion Ratio Lower Upper

82 100

128 34.5 33.4 50.2

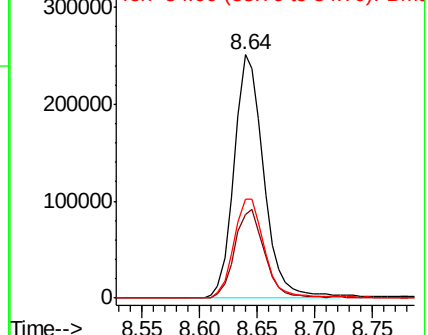
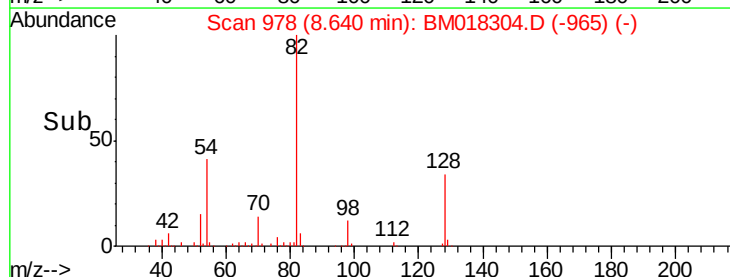
54 40.8 33.4 50.2

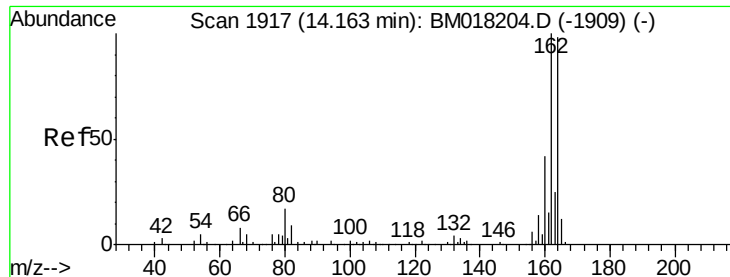


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.15 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

Instrument :

BNA_M

ClientSampleId :

SS-SOIL

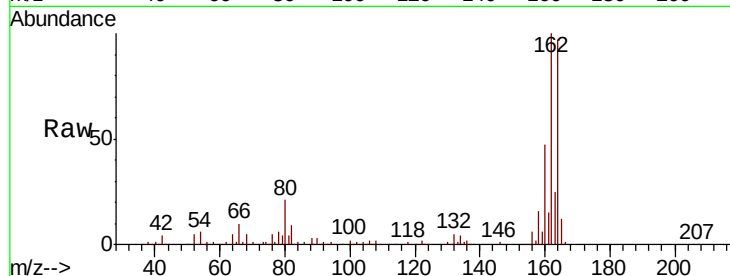
Tgt Ion:164 Resp: 220582

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

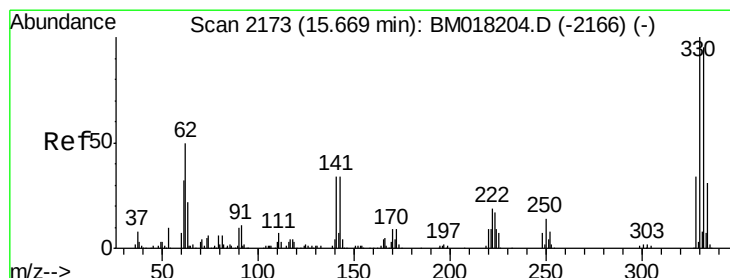
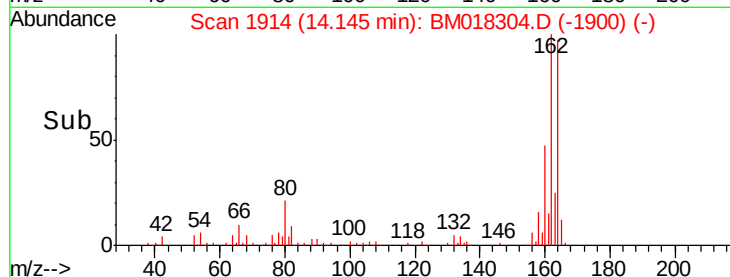
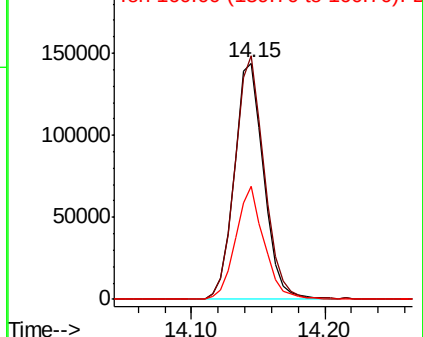
160 48.1 34.6 51.8



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: 74.161 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

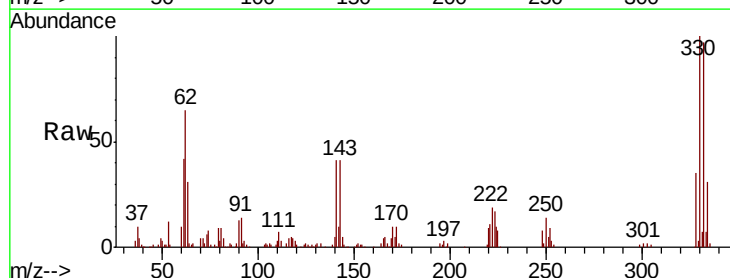
Tgt Ion:330 Resp: 240099

Ion Ratio Lower Upper

330 100

332 97.9 78.6 118.0

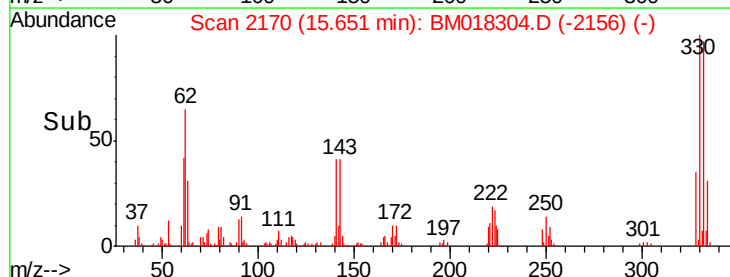
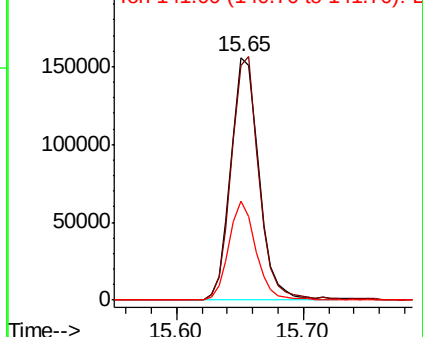
141 38.9 27.1 40.7

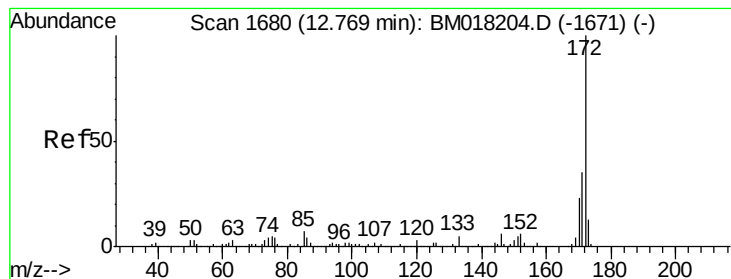


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 50.535 ng

RT: 12.75 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

Instrument :

BNA_M

ClientSampleId :

SS-SOIL

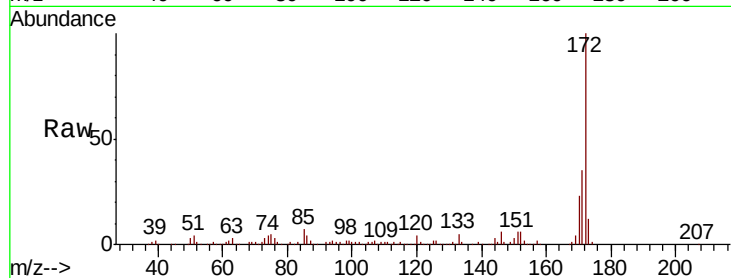
Tgt Ion:172 Resp: 860624

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

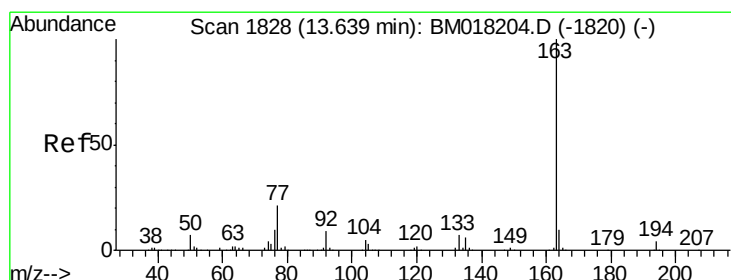
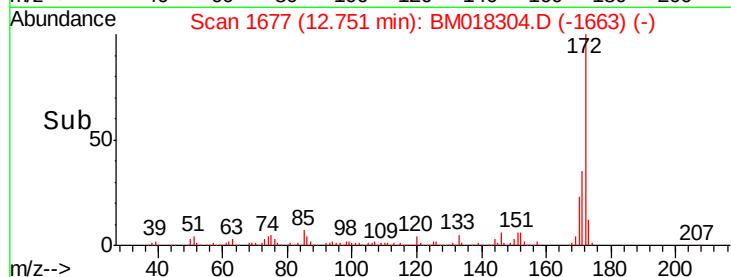
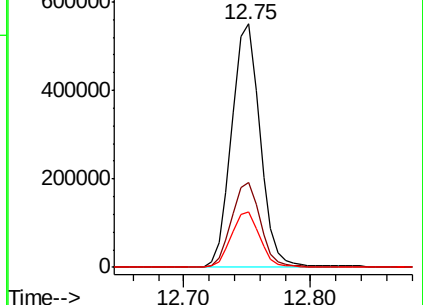
170 22.7 18.1 27.1



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: 3.213 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

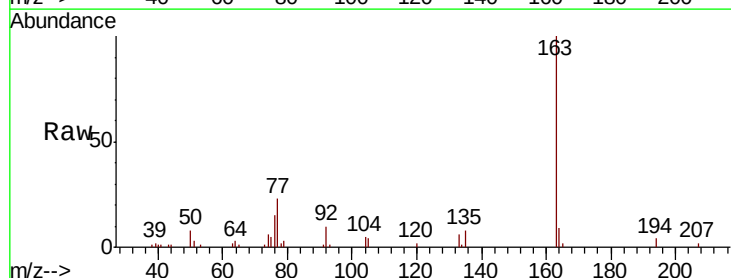
Tgt Ion:163 Resp: 58929

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

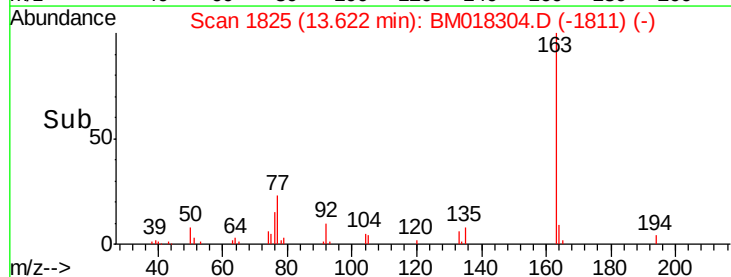
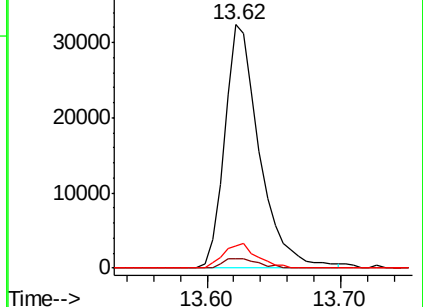
164 9.3 7.9 11.9

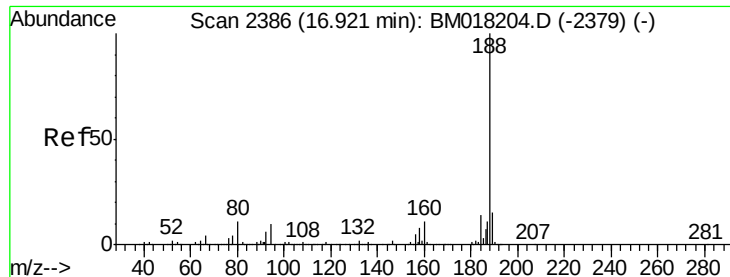


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

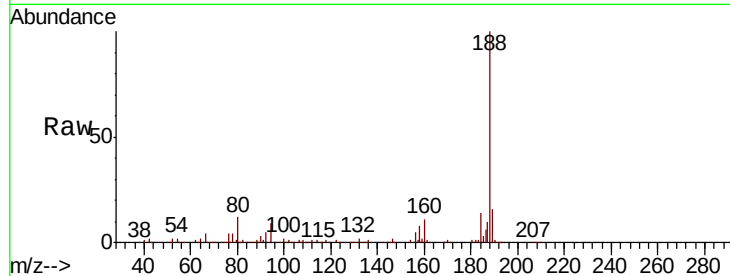




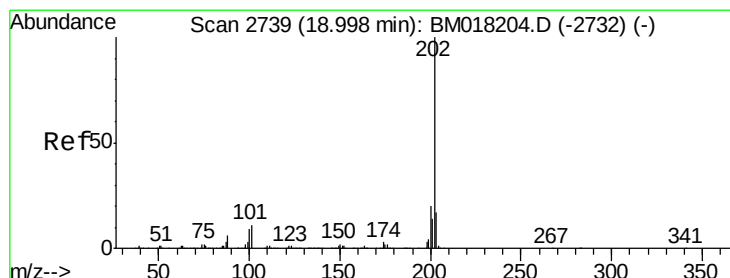
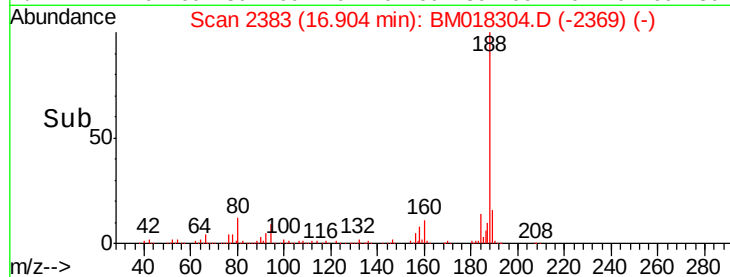
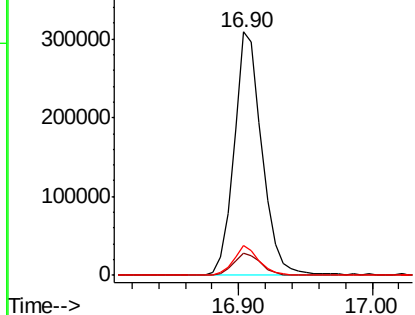
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

Instrument :
BNA_M
ClientSampleId :
SS-SOIL

Tgt Ion:188 Resp: 447412
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 12.2 9.0 13.6

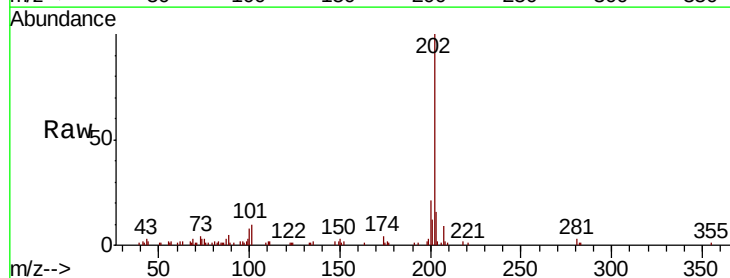


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

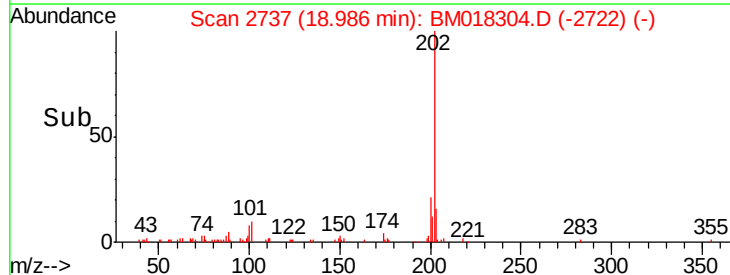
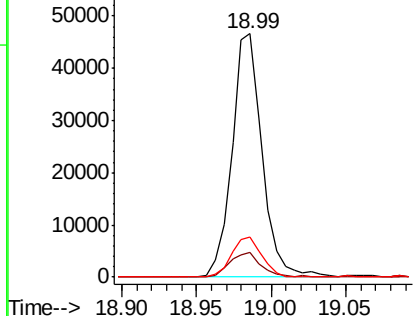


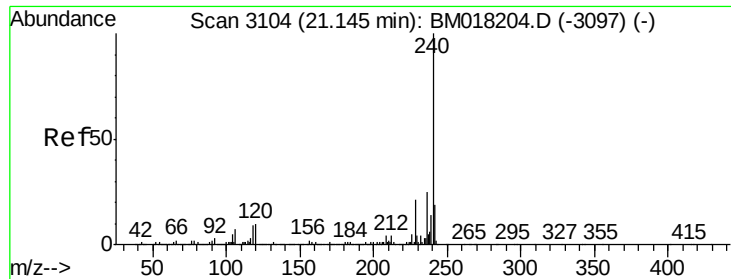
#75
Fluoranthene
Concen: 2.322 ng
RT: 18.99 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

Tgt Ion:202 Resp: 65610
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 16.3 0.0 37.5



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

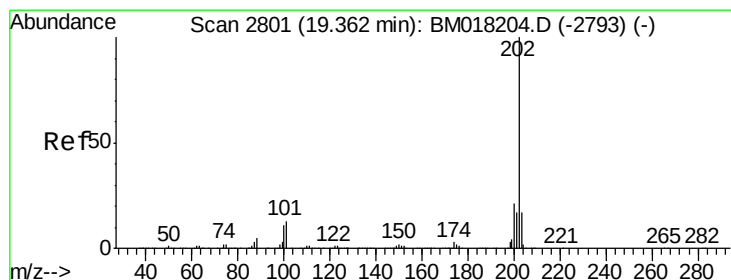
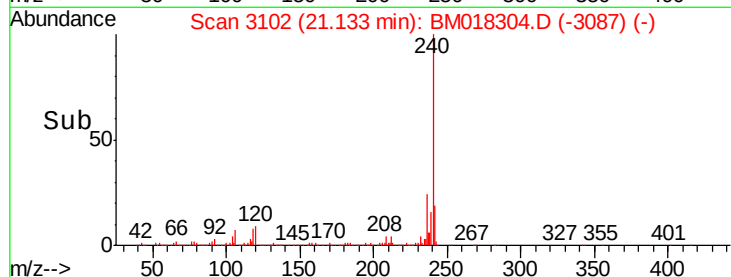
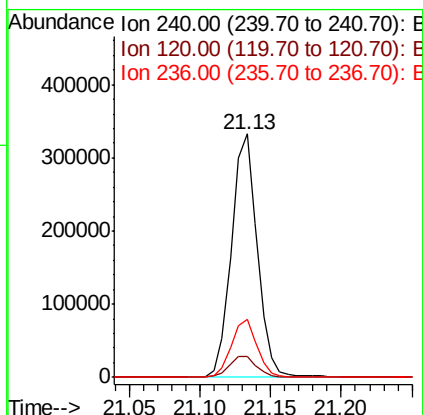
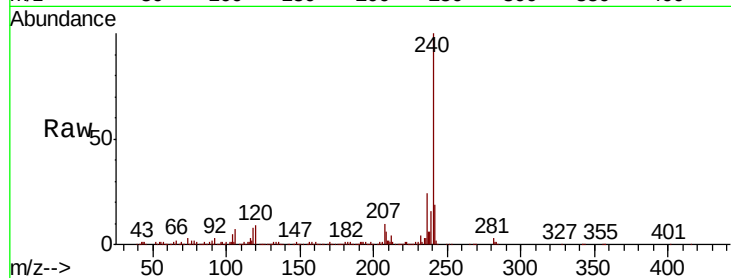




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

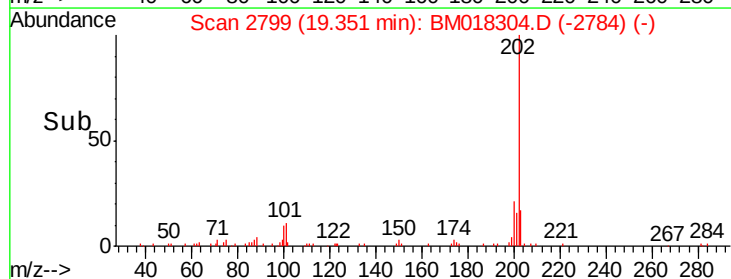
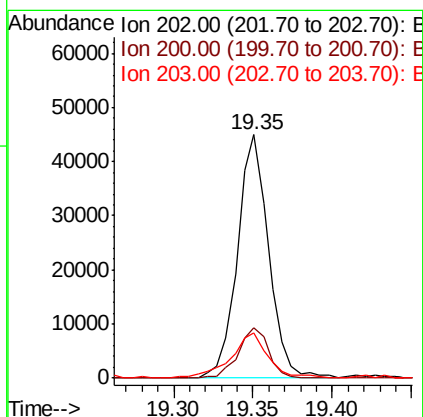
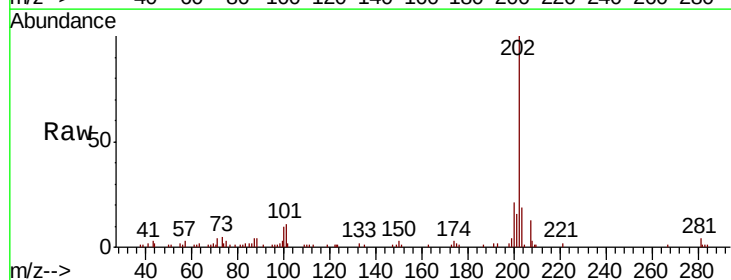
Instrument :
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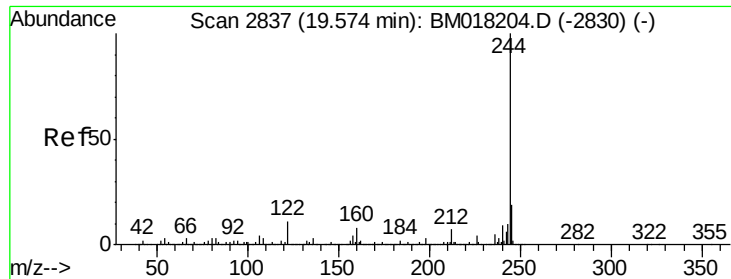
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	24.0	20.3	30.5



#78
Pyrene
Concen: 2.424 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	18.5	14.0	21.0





#79

Terphenyl-d14

Concen: 57.096 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

Instrument :

BNA_M

ClientSampleId :

SS-SOIL

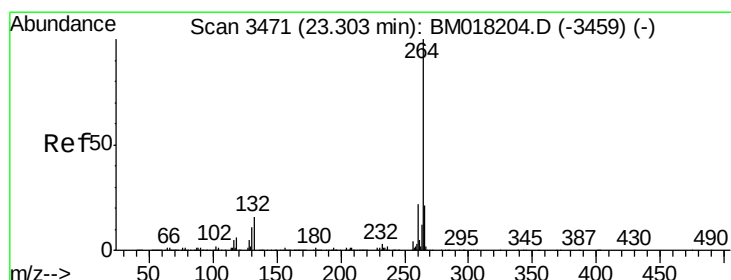
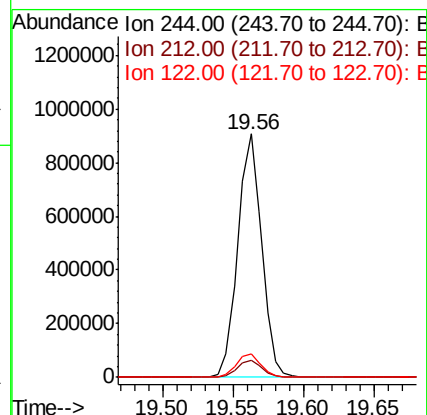
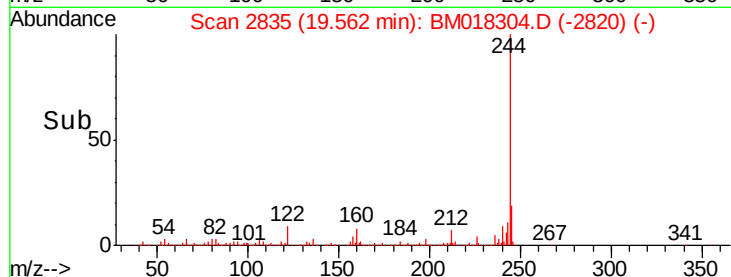
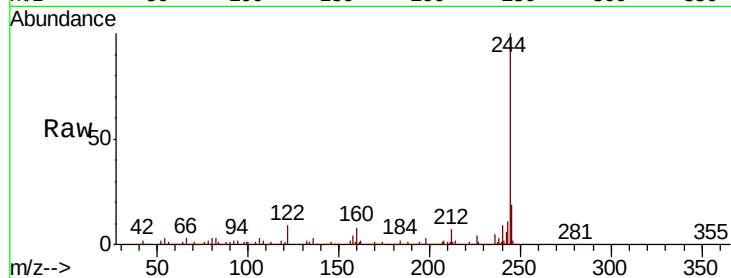
Tgt Ion:244 Resp: 1069845

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.4 9.0 13.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018304.D

Acq: 19 Dec 2018 19:47

Tgt Ion:264 Resp: 421886

Ion Ratio Lower Upper

264 100

260 22.7 17.5 26.3

265 22.4 17.3 25.9

