

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

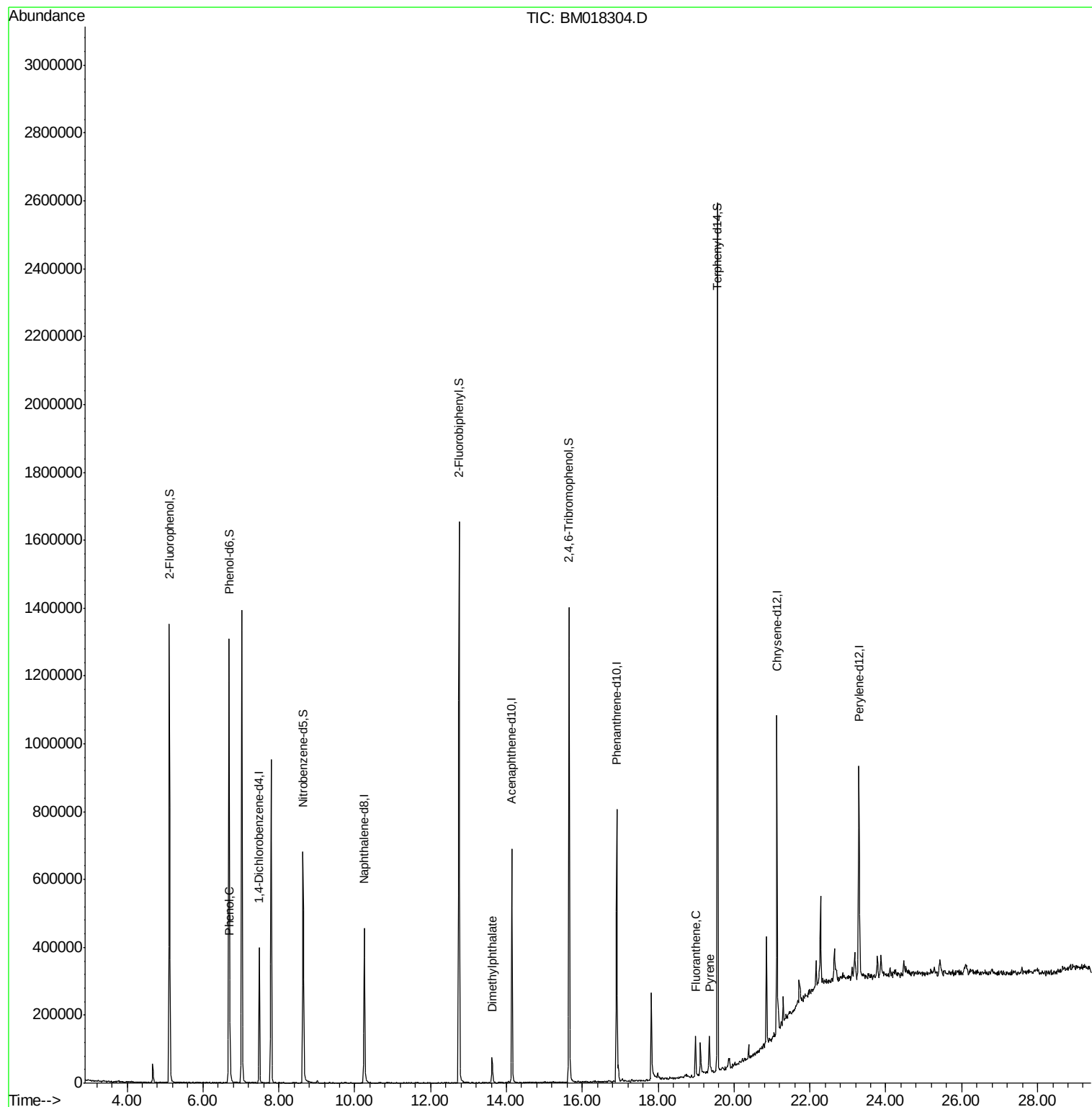
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	98922	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	387497	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	220582	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	447412	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	423777	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

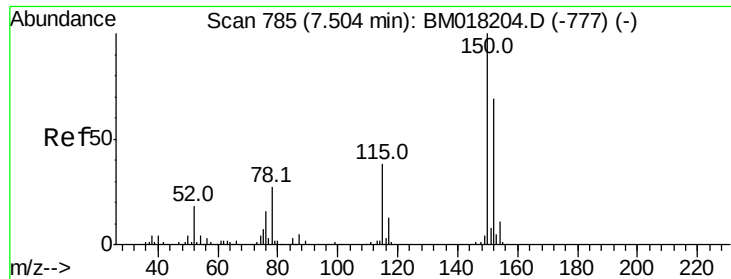
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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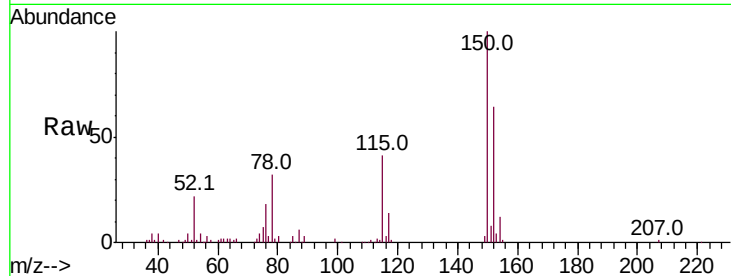


#1

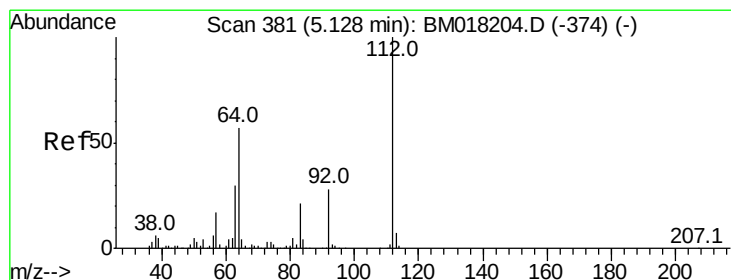
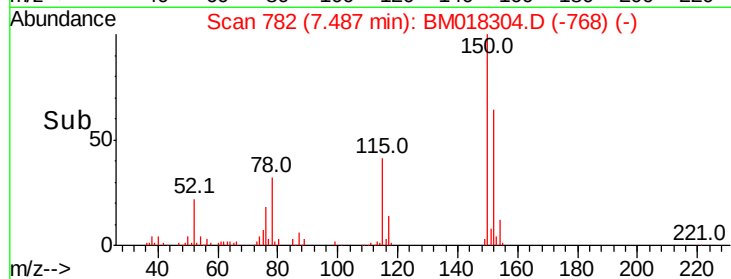
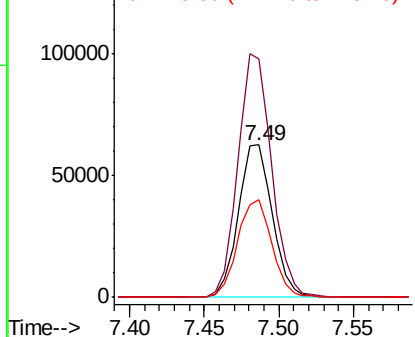
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

Instrument :
BNA_M
ClientSampleId :
SS-SOIL

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



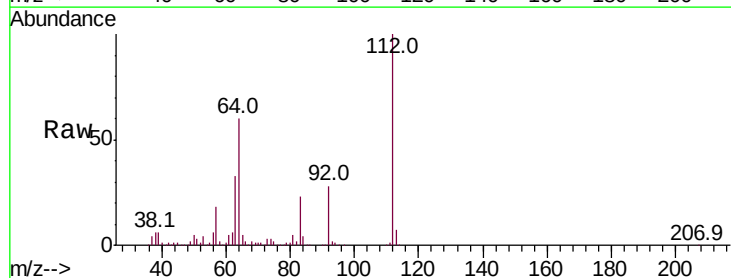
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



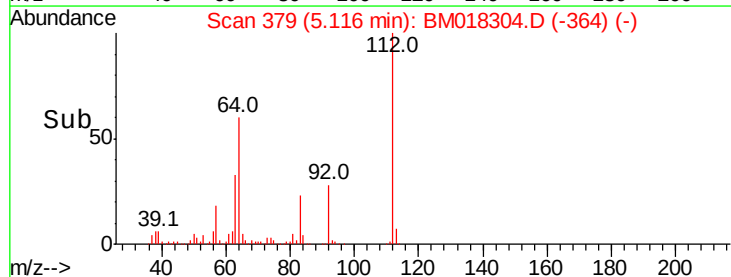
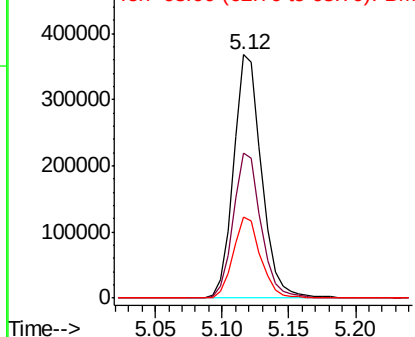
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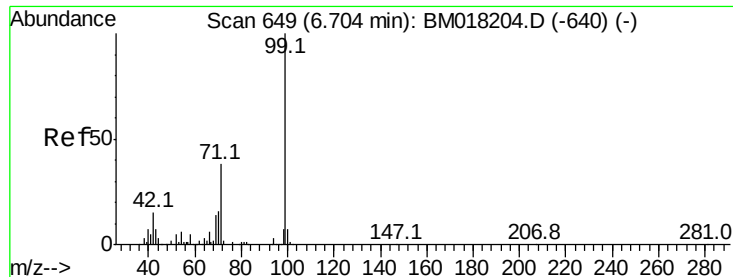
2-Fluorophenol
Concen: 90.730 ng
RT: 5.12 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

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 :

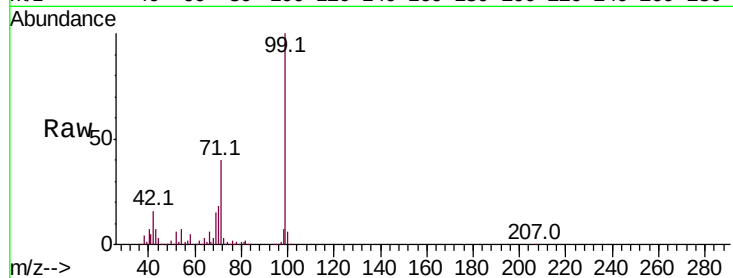
BNA_M

ClientSampleId :

SS-SOIL

Tot Ion: 99 Resp: 717607

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.3	18.5
71	40.0	30.2	45.2

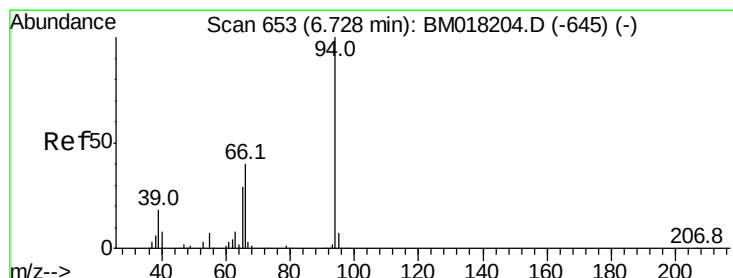
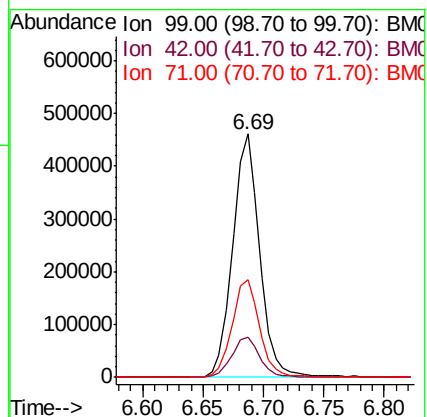
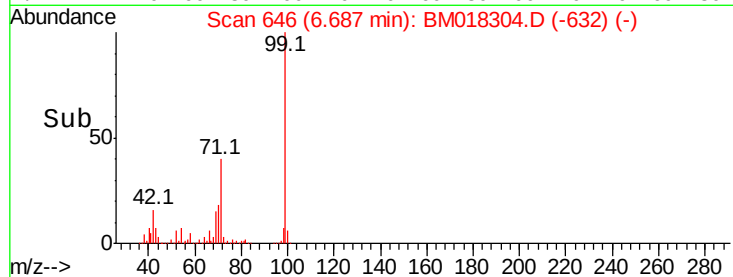


Abundance

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) (-)



#10

Phenol

Concen: 4.673 ng

RT: 6.71 min Scan# 650

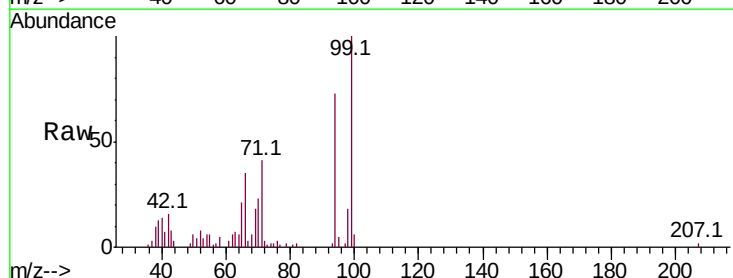
Delta R.T. -0.02 min

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

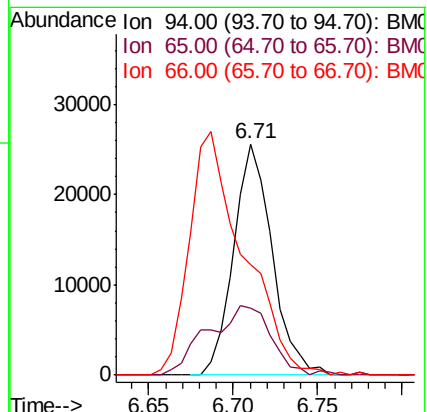
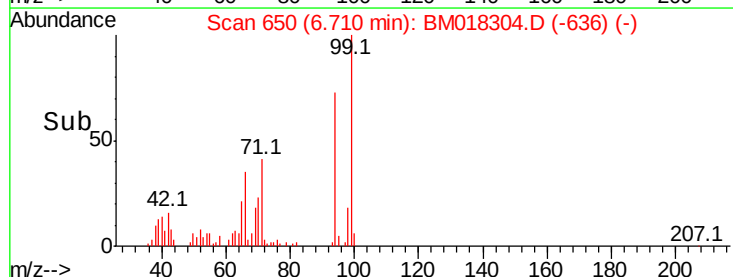


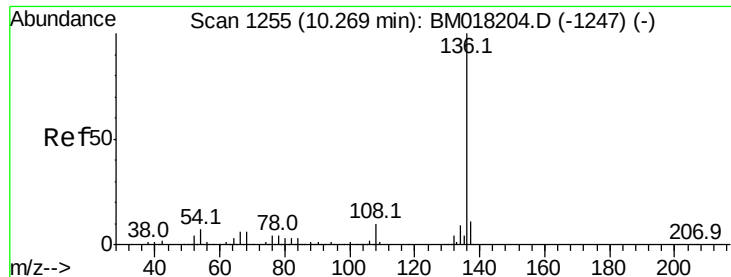
Abundance

Ion 94.00 (93.70 to 94.70): BM018304.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018304.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018304.D (-636) (-)

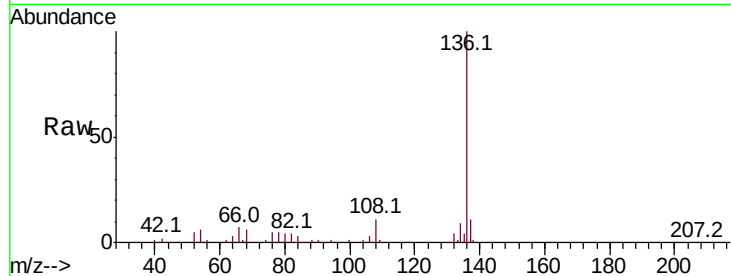




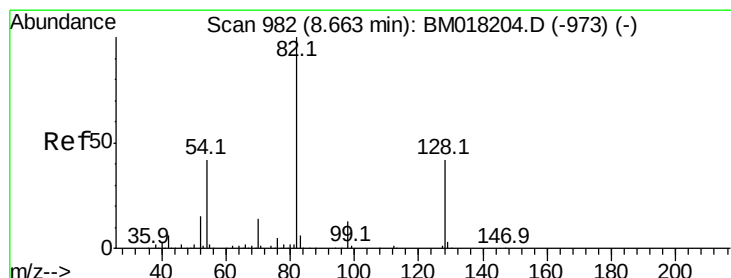
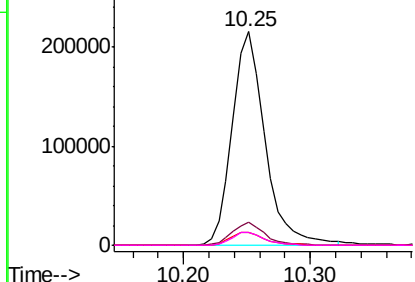
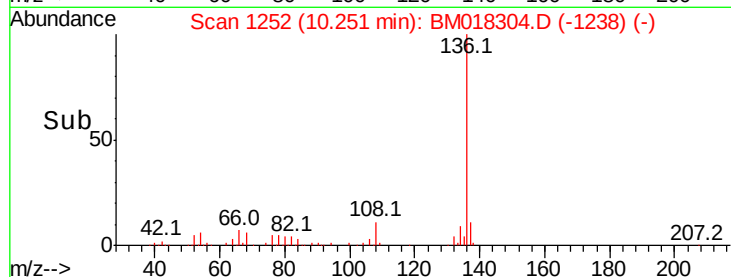
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

Instrument :
BNA_M
ClientSampleId :
SS-SOIL

Tot 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

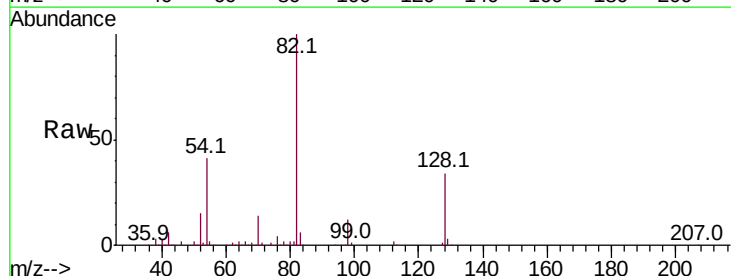


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

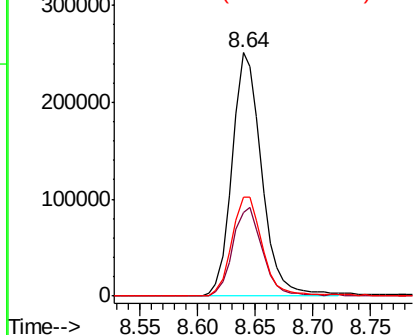
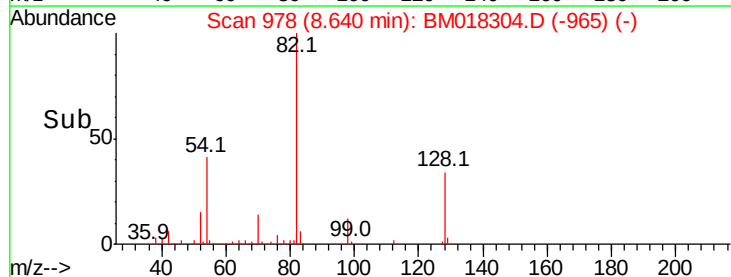


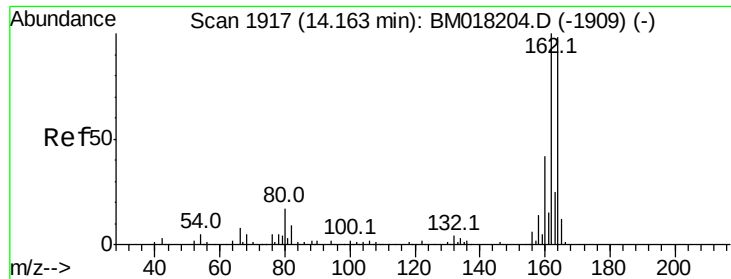
#23
Nitrobenzene-d5
Concen: 59.347 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

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

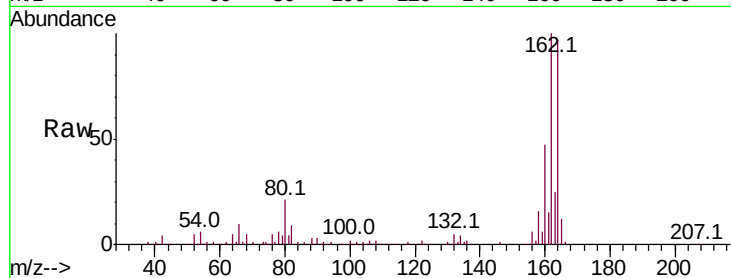




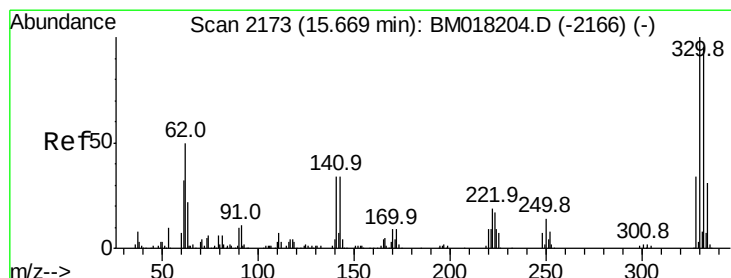
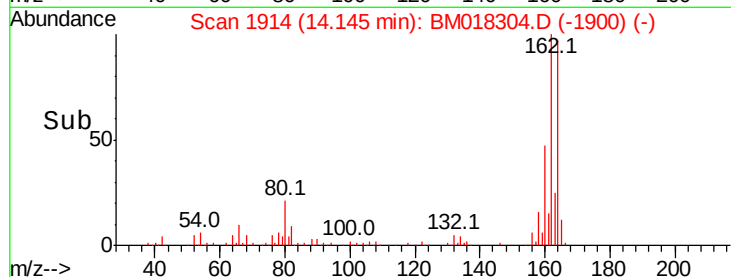
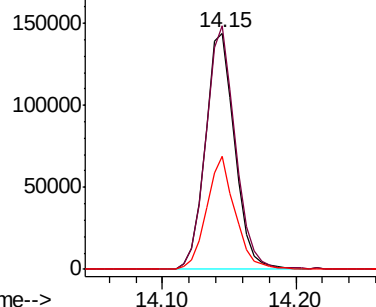
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

Instrument :
BNA_M
ClientSampleId :
SS-SOIL

Tot Ion:164 Resp: 220582
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 48.1 34.6 51.8

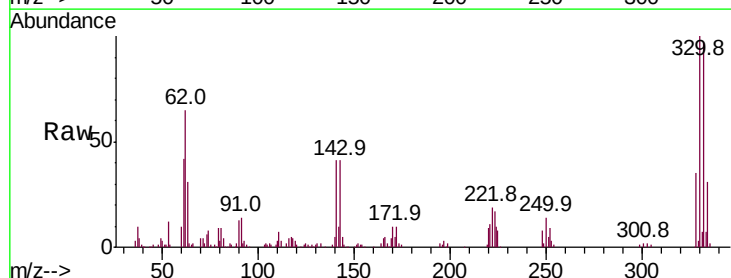


Abundance Ion 164.00 (163.70 to 164.70): E
200000 Ion 162.00 (161.70 to 162.70): E
150000 Ion 160.00 (159.70 to 160.70): E

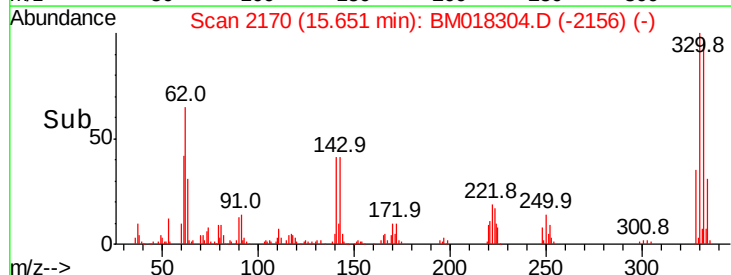
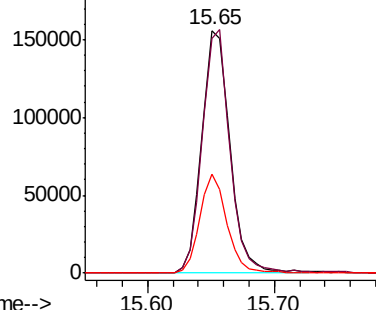


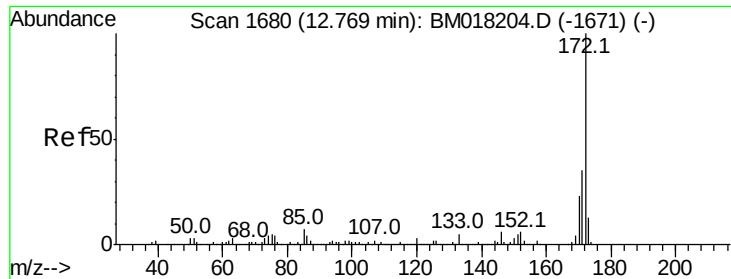
#42
2,4,6-Tribromophenol
Concen: 74.161 ng
RT: 15.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

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
200000 Ion 331.80 (331.50 to 332.50): E
150000 Ion 141.00 (140.70 to 141.70): E

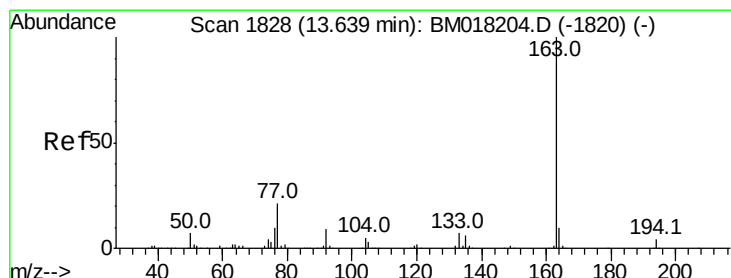
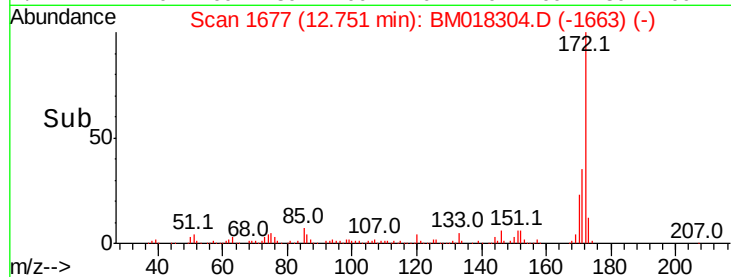
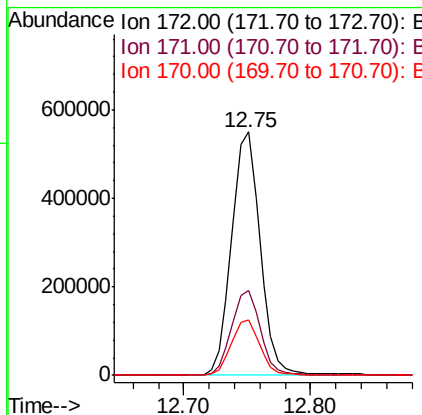
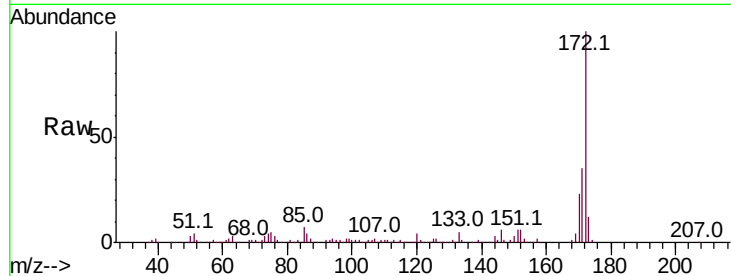




#45
2-Fluorobiphenyl
Concen: 50.535 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

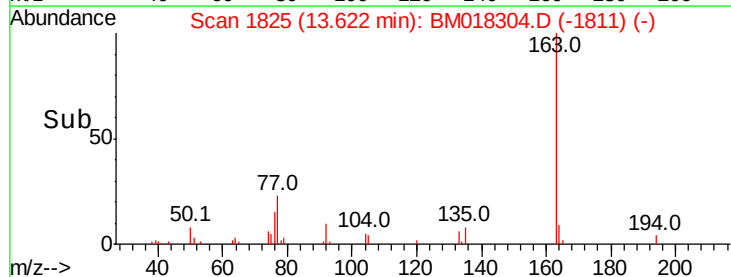
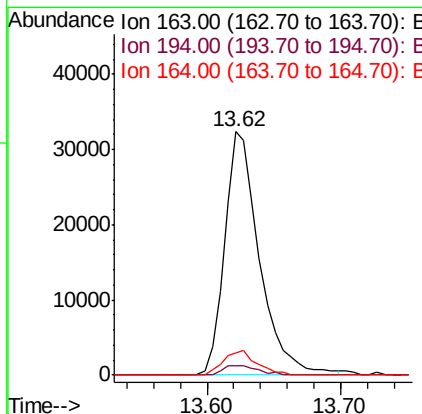
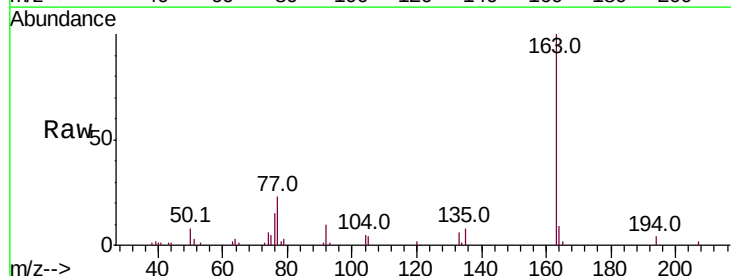
Instrument :
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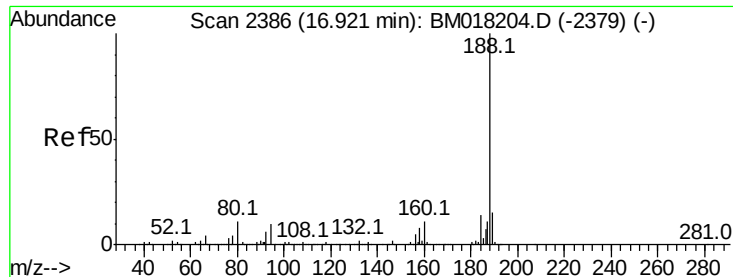
Tot Ion:172 Resp: 860624
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.7 18.1 27.1



#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

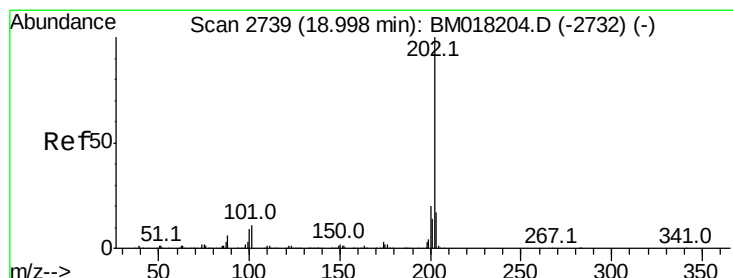
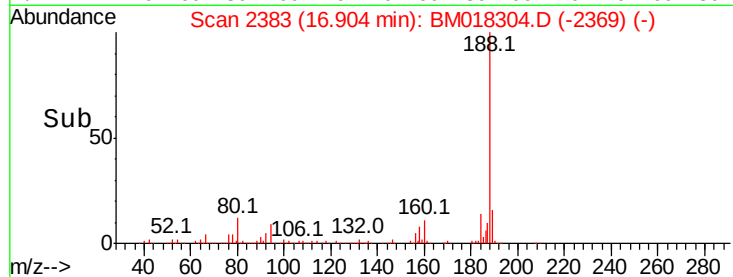
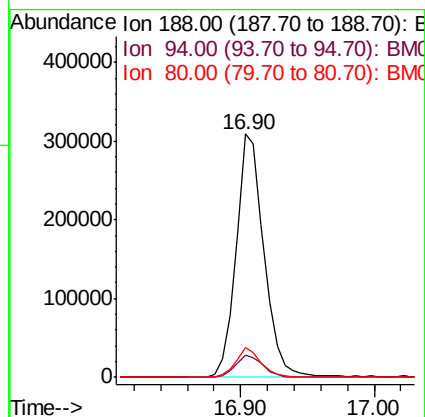
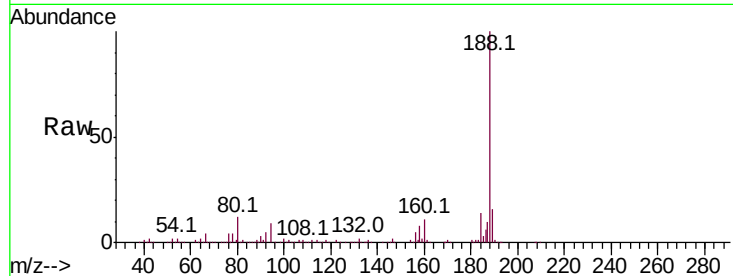




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

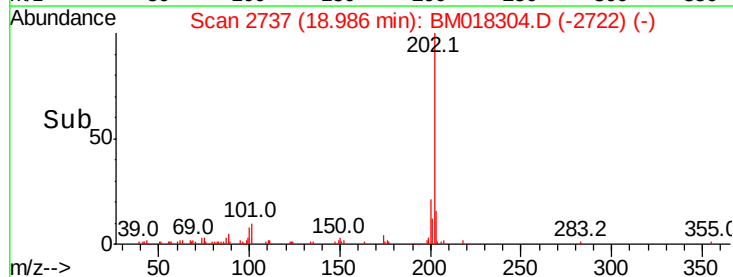
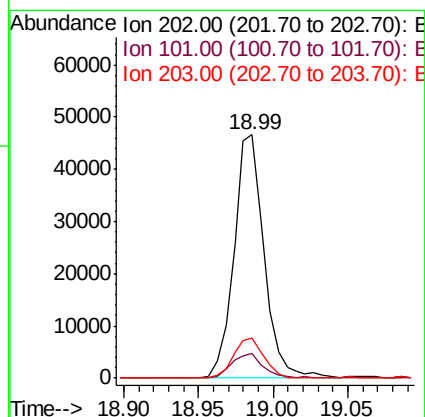
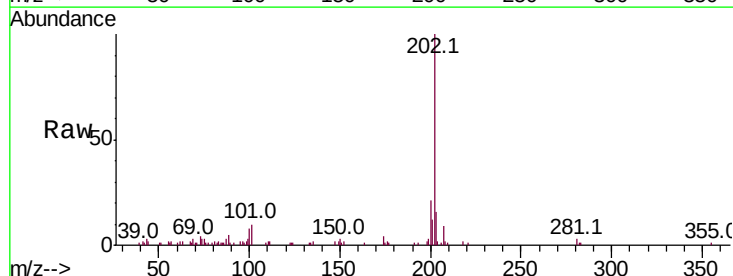
Instrument :
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SS-SOIL

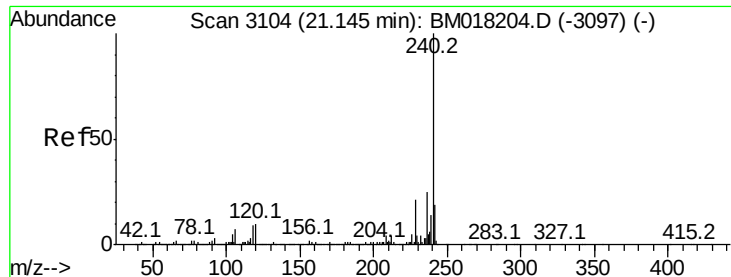
Tot Ion:188 Resp: 447412
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 12.2 9.0 13.6



#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

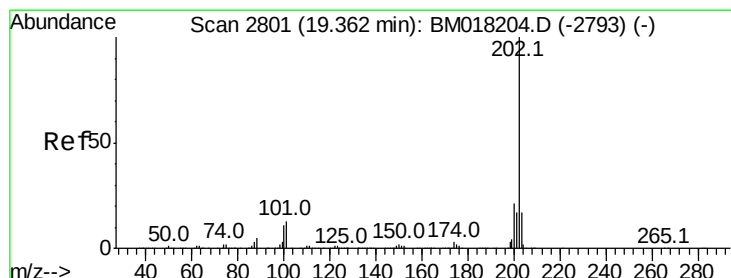
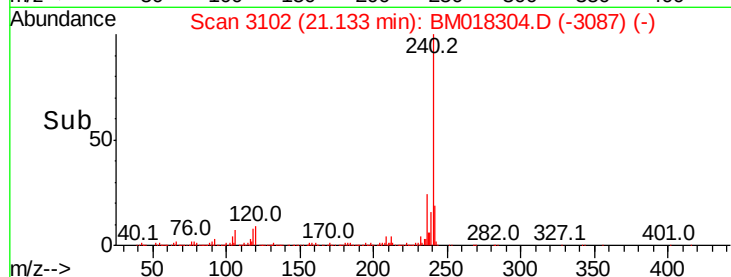
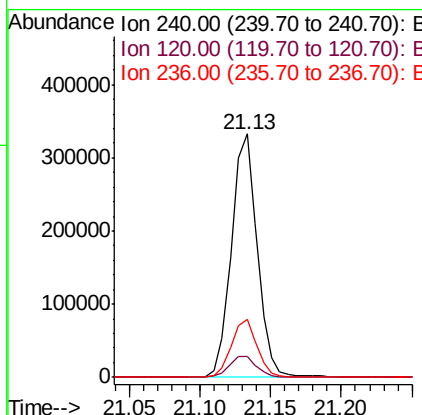
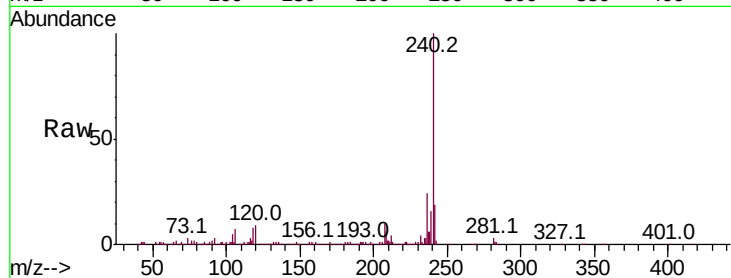




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018304.D
Acq: 19 Dec 2018 19:47

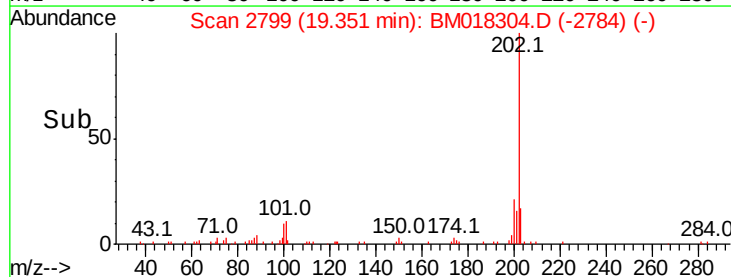
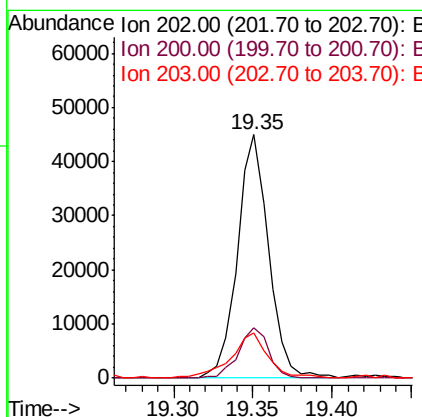
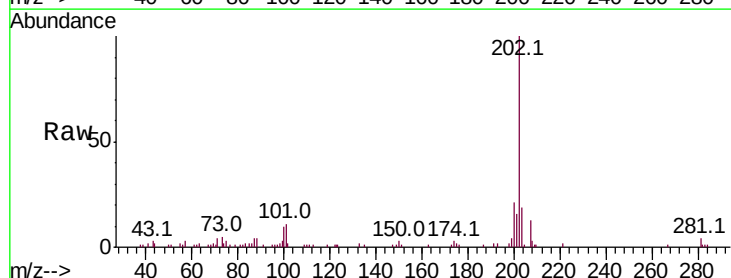
Instrument :
BNA_M
ClientSampleId :
SS-SOIL

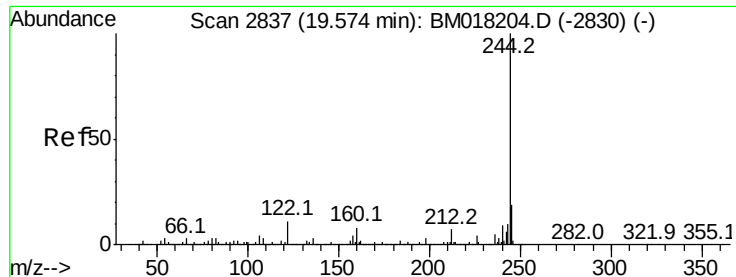
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	24.0	20.3	30.5



#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

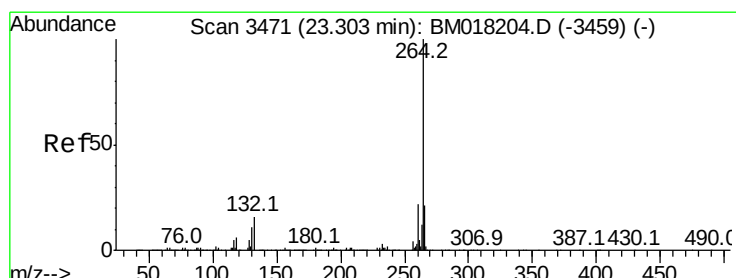
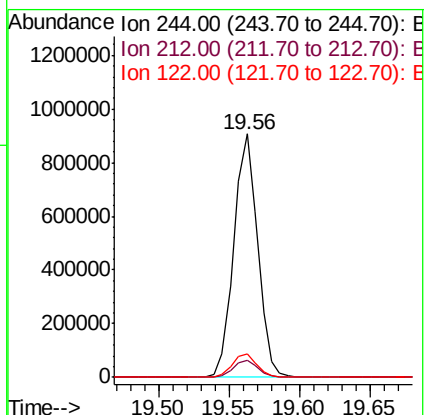
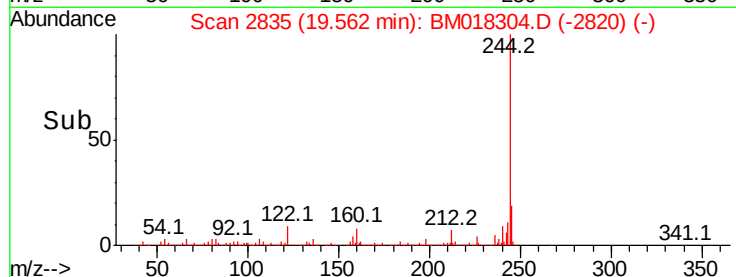
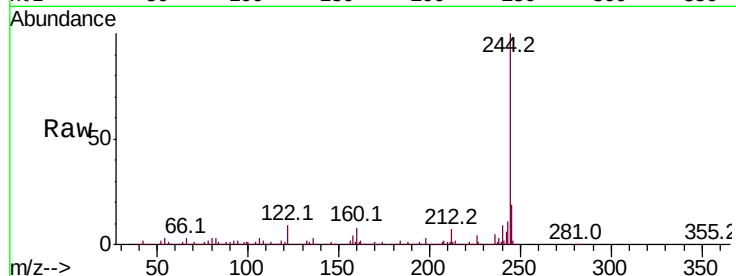
Tot Ion:244 Resp: 1069845

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

