

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018666.D
 Acq On : 28 Jan 2019 16:19
 Operator : JU/SJ
 Sample : K1254-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1

Quant Time: Jan 28 17:46:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

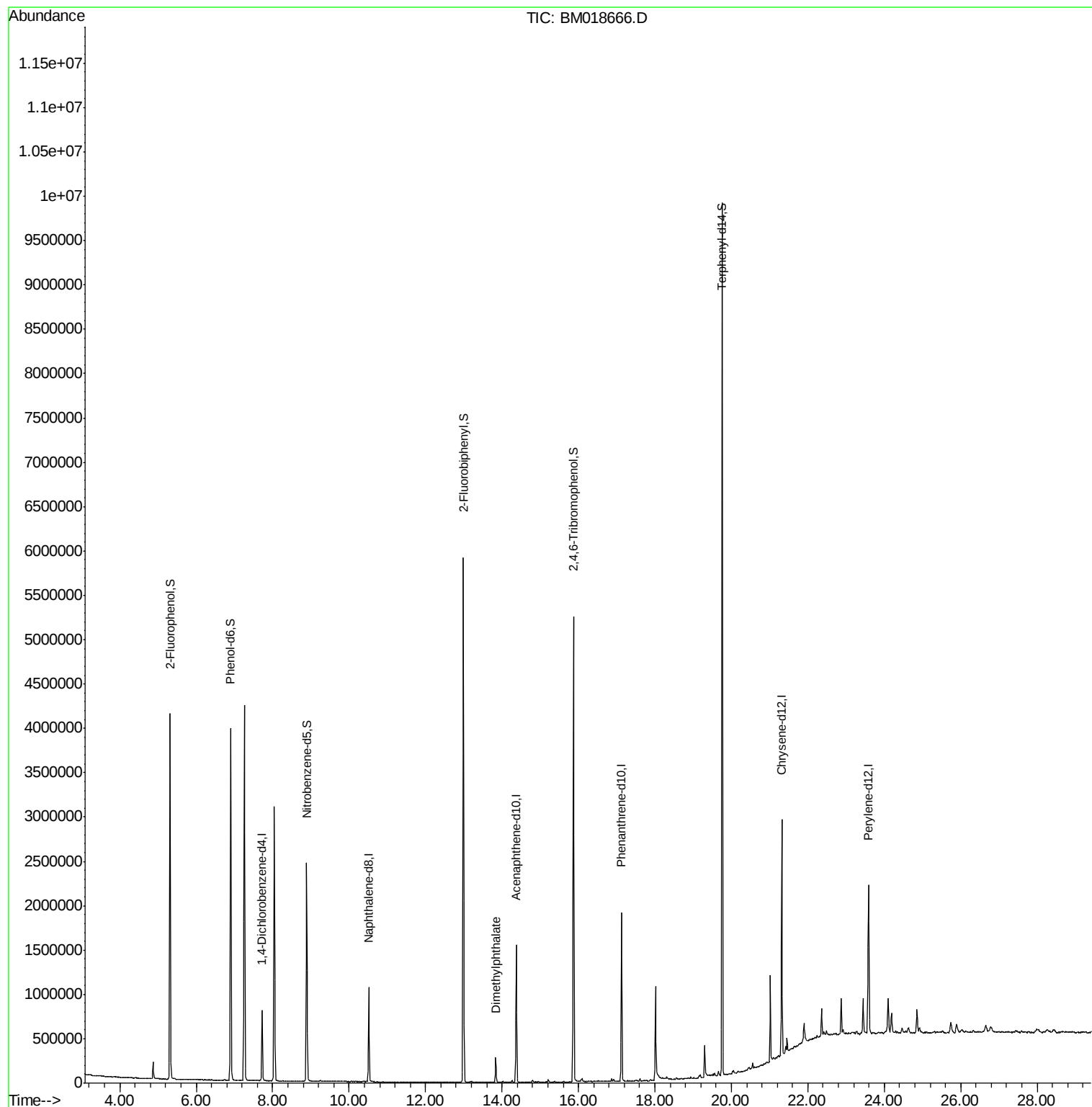
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	224358	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	878029	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	492574	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1111868	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1168707	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1198670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1688434	138.96	ng	-0.01
7) Phenol-d6	6.90	99	2188890	141.84	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1329986	87.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	903673	144.08	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3067539	81.26	ng	-0.01
79) Terphenyl-d14	19.76	244	4501938	81.20	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.83	163	182353	4.508	ng	Qvalue 98

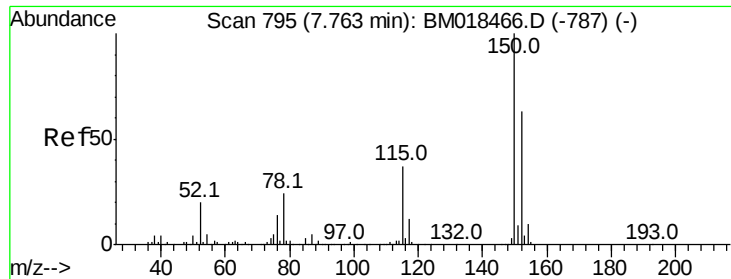
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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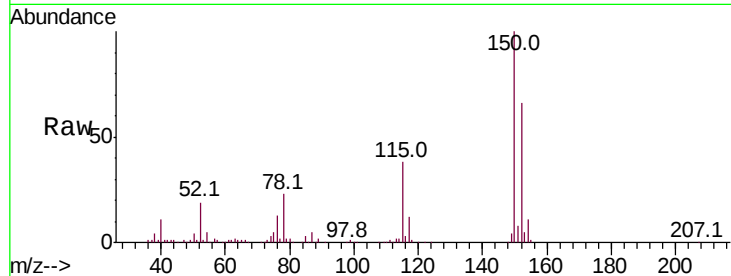


#1

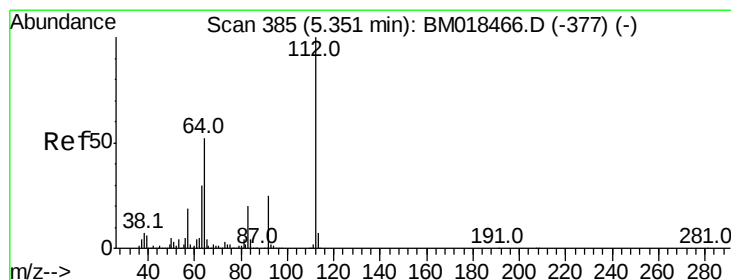
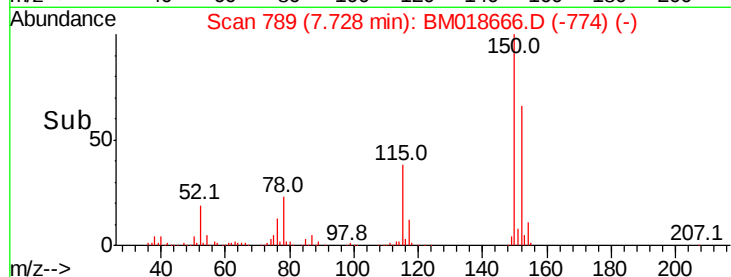
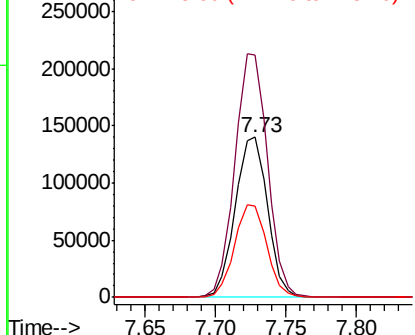
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018666.D
Acq: 28 Jan 2019 16:19

Instrument :
BNA_M
ClientSampleId :
SOIL-1

Tot Ion:152 Resp: 224358
Ion Ratio Lower Upper
152 100
150 151.3 126.9 190.3
115 57.1 45.5 68.3



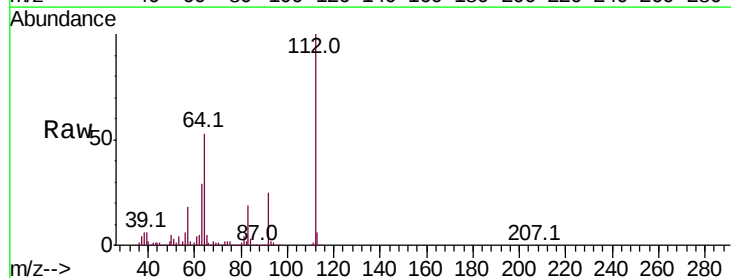
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



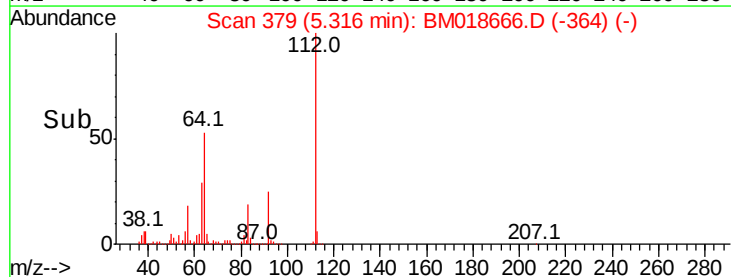
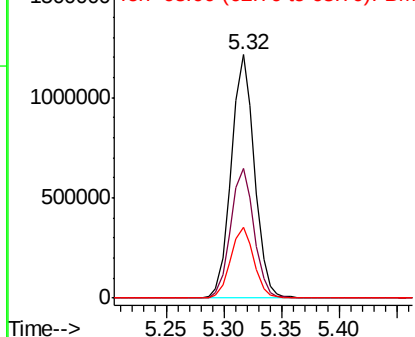
#5

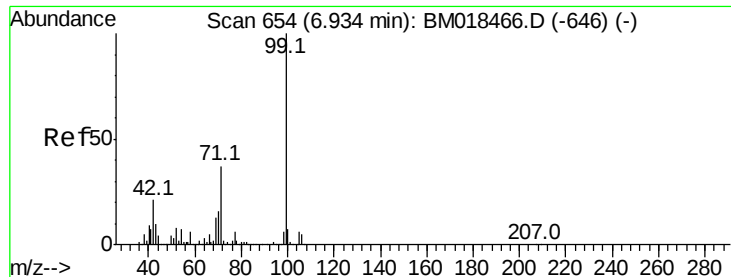
2-Fluorophenol
Concen: 138.960 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018666.D
Acq: 28 Jan 2019 16:19

Tgt Ion:112 Resp: 1688434
Ion Ratio Lower Upper
112 100
64 53.3 46.5 69.7
63 28.9 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BMC
Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 141.836 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018666.D

Acq: 28 Jan 2019 16:19

Instrument :

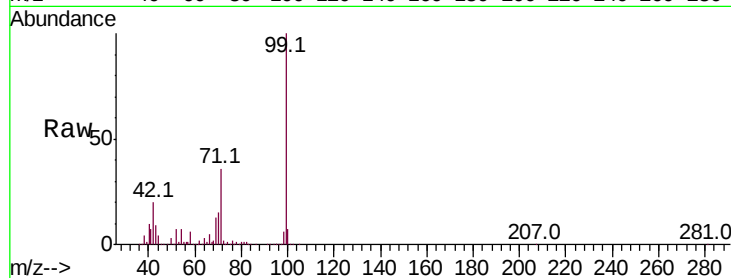
BNA_M

ClientSampleId :

SOIL-1

Tot Ion: 99 Resp: 218890

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.3	25.9
71	35.9	28.0	42.0

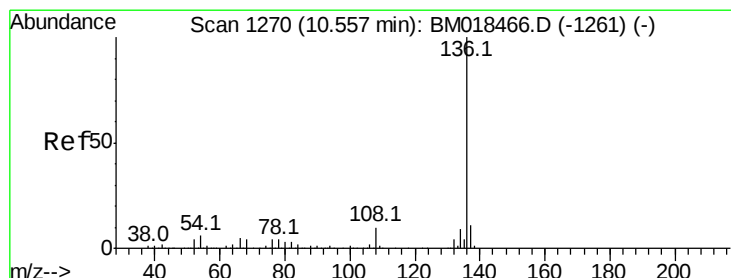
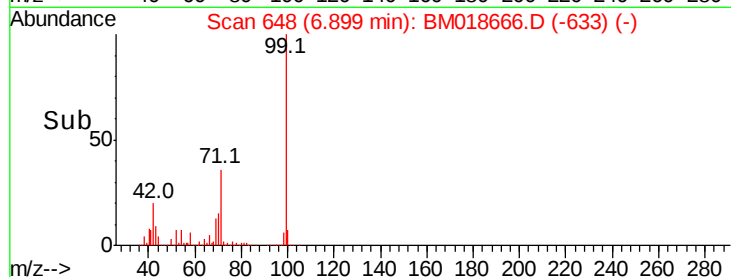
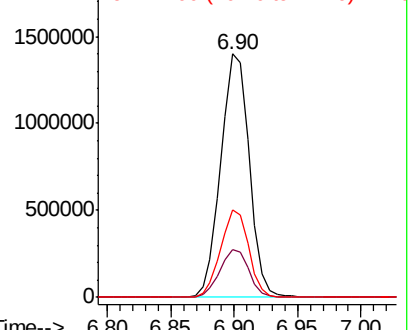


Abundance

Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.52 min Scan# 1263

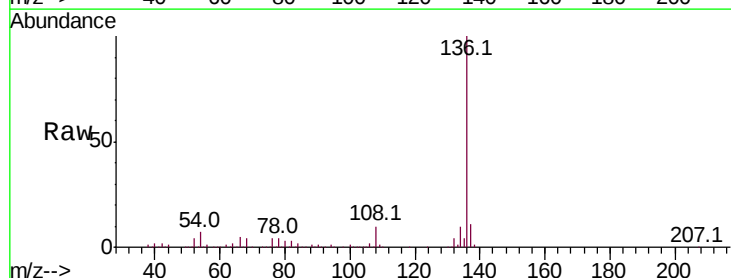
Delta R.T. -0.01 min

Lab File: BM018666.D

Acq: 28 Jan 2019 16:19

Tgt Ion: 136 Resp: 878029

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.6	6.0	9.0
68	4.2	4.5	6.7#



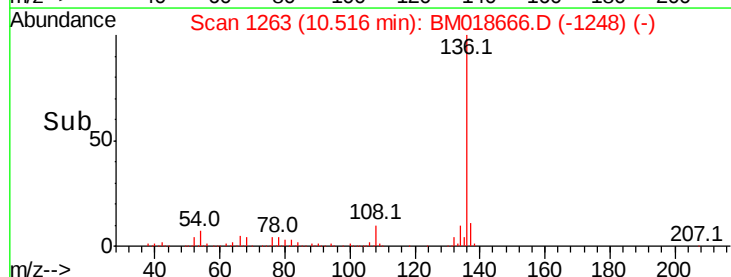
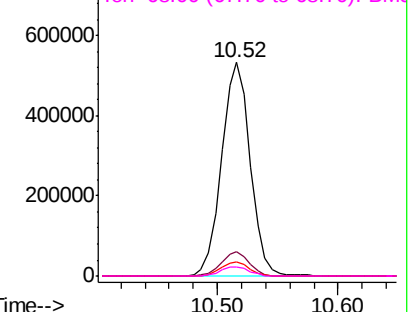
Abundance

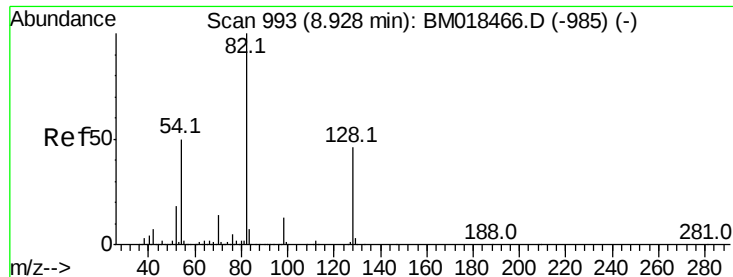
Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

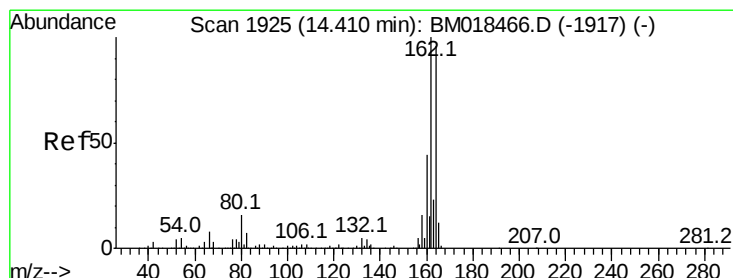
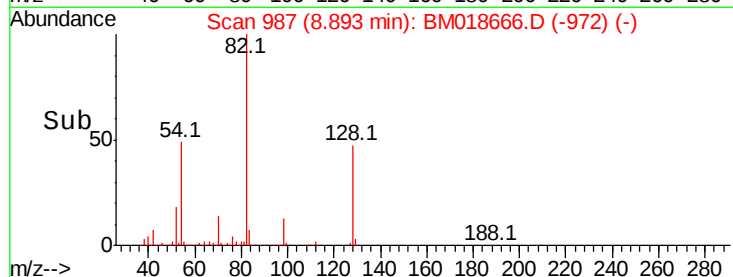
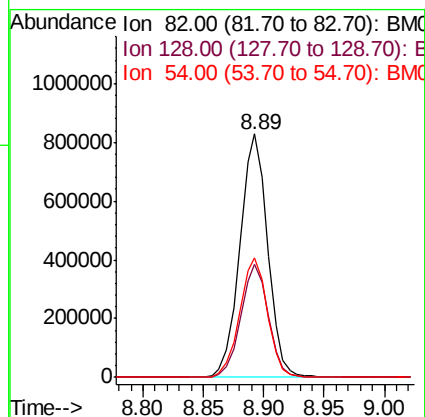
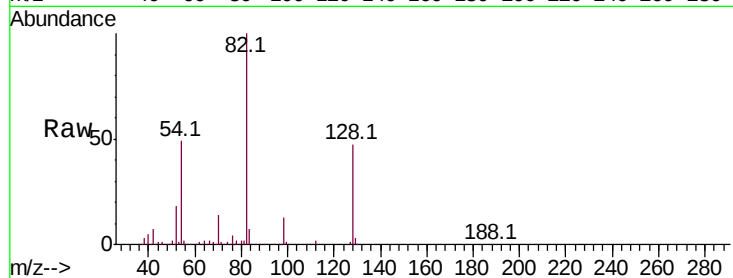




#23
Nitrobenzene-d5
Concen: 87.811 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018666.D
Acq: 28 Jan 2019 16:19

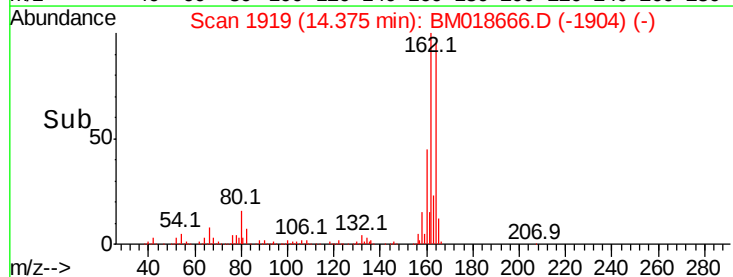
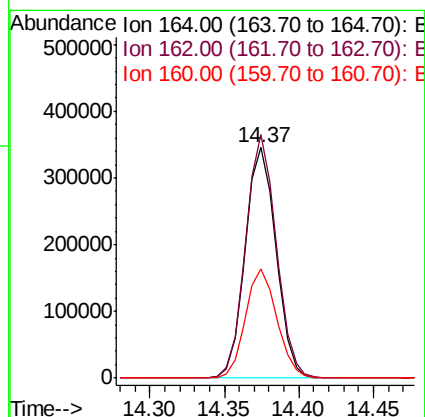
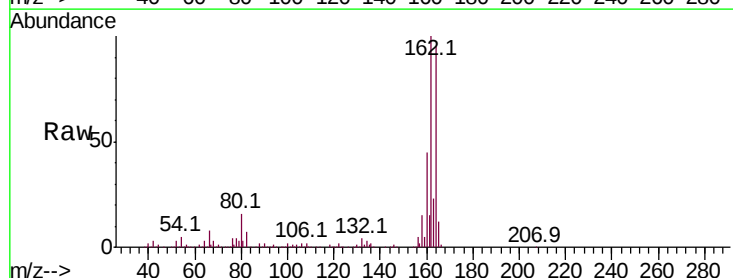
Instrument :
BNA_M
ClientSampled :
SOIL-1

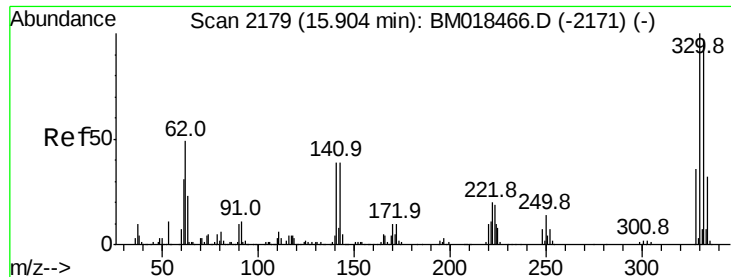
Tot Ion: 82 Resp: 1329986
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 49.2 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018666.D
Acq: 28 Jan 2019 16:19

Tgt Ion: 164 Resp: 492574
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.4
160 47.1 37.1 55.7

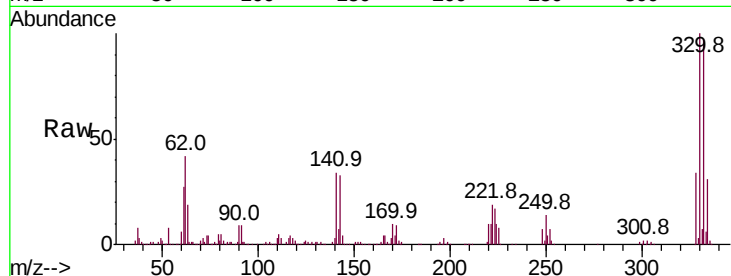




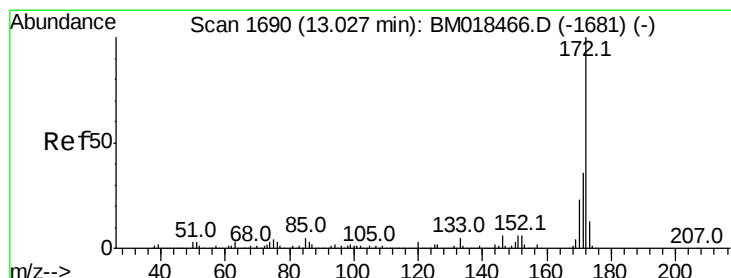
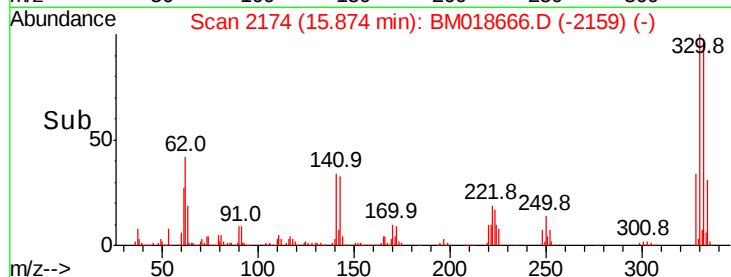
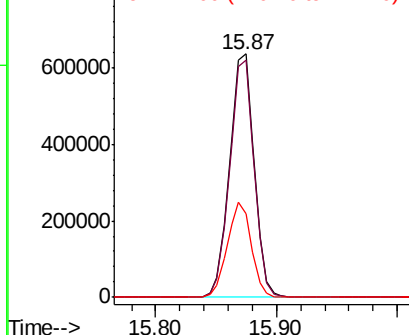
#42
 2,4,6-Tribromophenol
 Concen: 144.084 ng
 RT: 15.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BM018666.D
 Acq: 28 Jan 2019 16:19

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1

Tot Ion:330 Resp: 903673
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 38.2 31.7 47.5

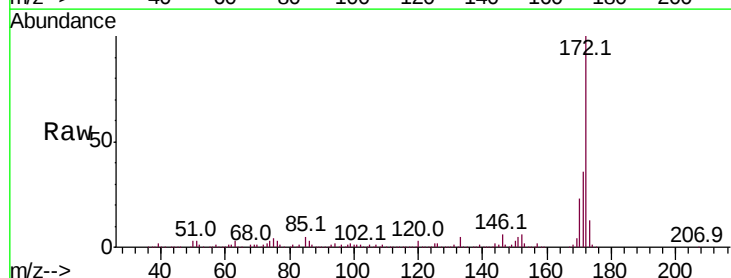


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

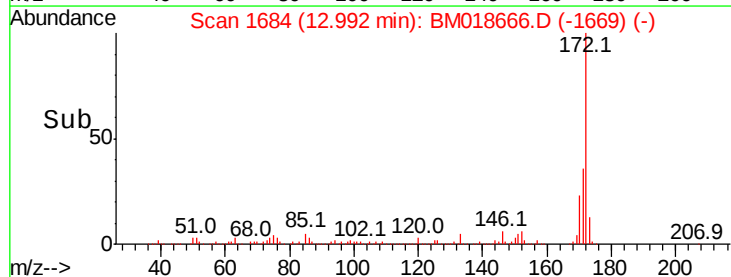
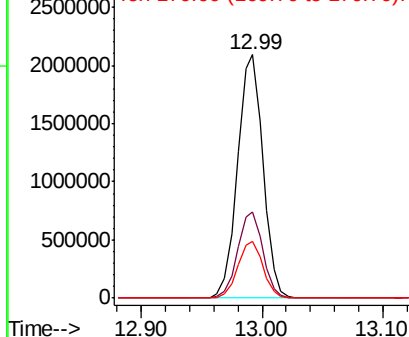


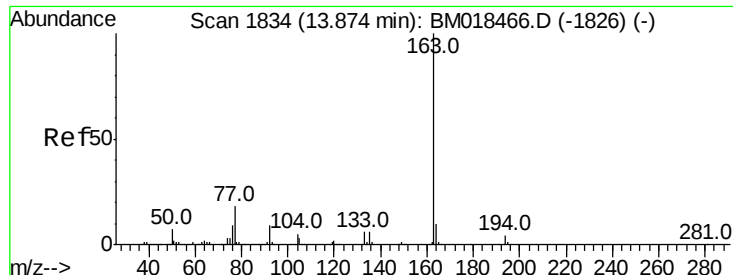
#45
 2-Fluorobiphenyl
 Concen: 81.261 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM018666.D
 Acq: 28 Jan 2019 16:19

Tgt Ion:172 Resp: 3067539
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.1 18.9 28.3



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

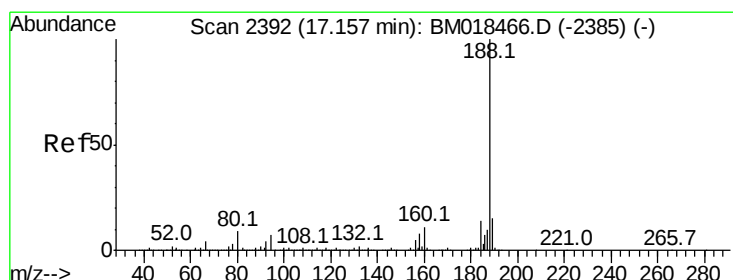
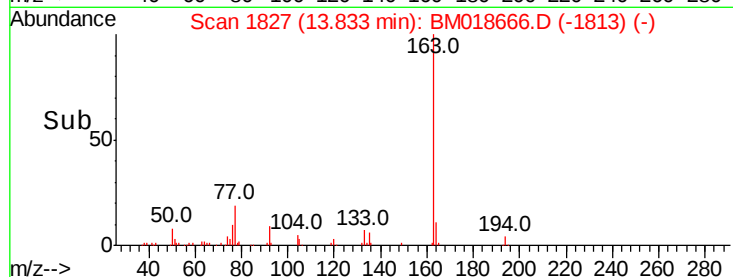
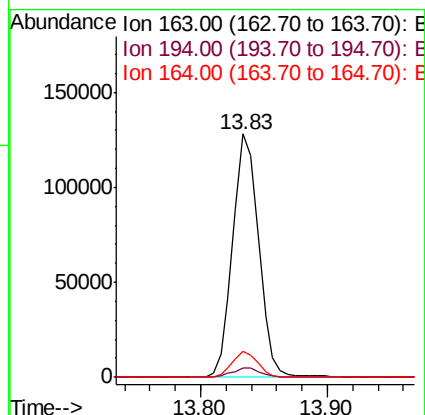
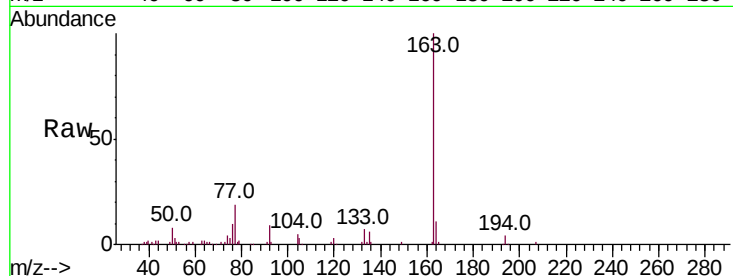




#50
Dimethylphthalate
Concen: 4.508 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM018666.D
Acq: 28 Jan 2019 16:19

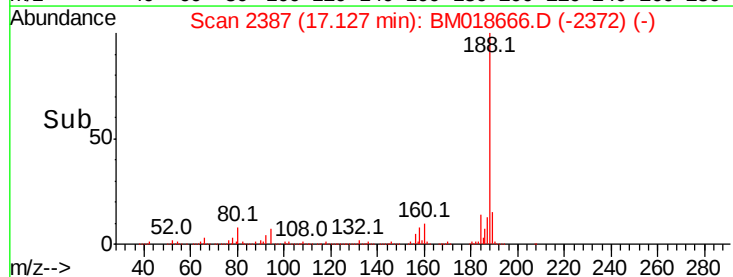
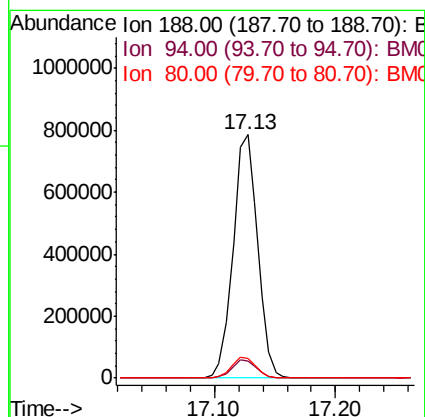
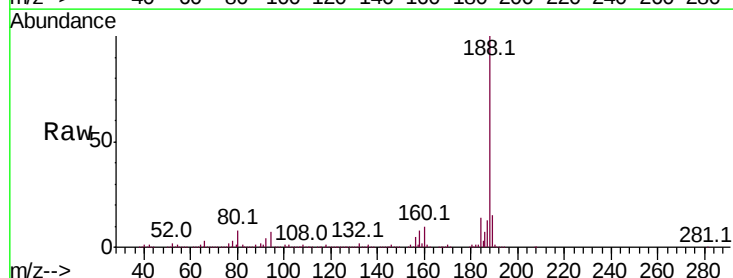
Instrument :
BNA_M
ClientSampleId :
SOIL-1

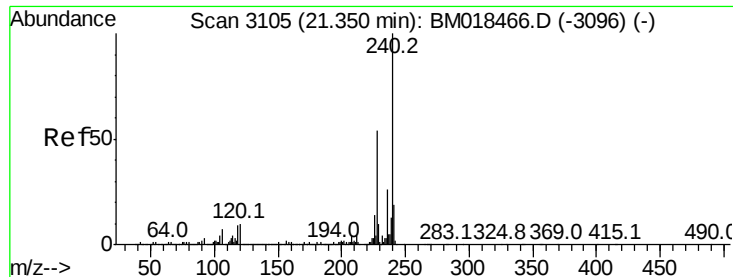
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.5	7.8	11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018666.D
Acq: 28 Jan 2019 16:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.1	10.7#
80	8.3	7.6	11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018666.D

Acq: 28 Jan 2019 16:19

Instrument :

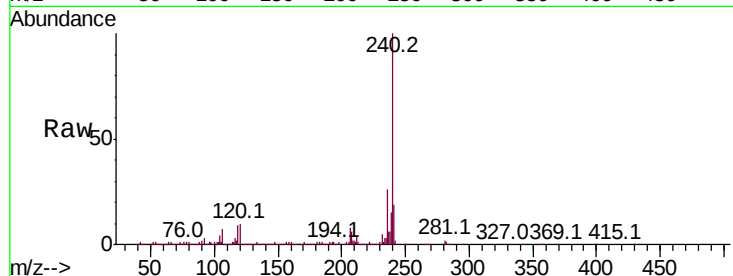
BNA_M

ClientSampleId :

SOIL-1

Tot Ion:240 Resp: 1168707

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.3	20.7	31.1

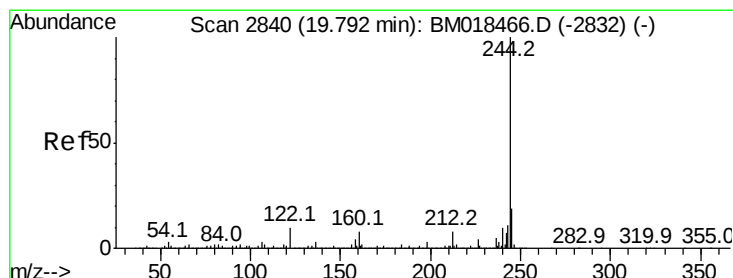
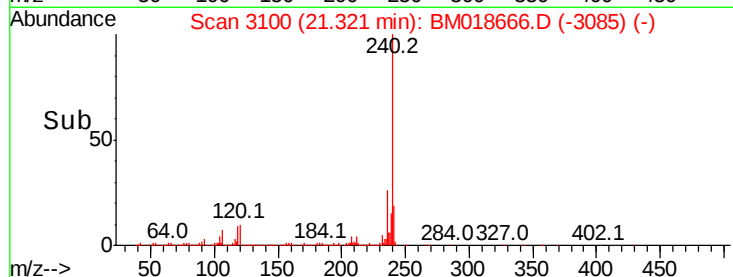
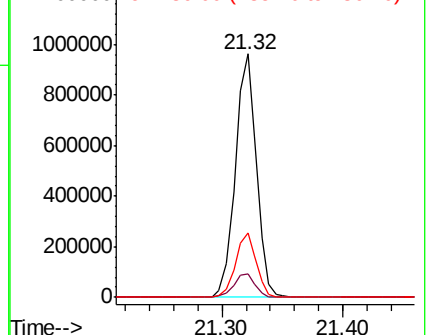


Abundance

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: 81.203 ng

RT: 19.76 min Scan# 2834

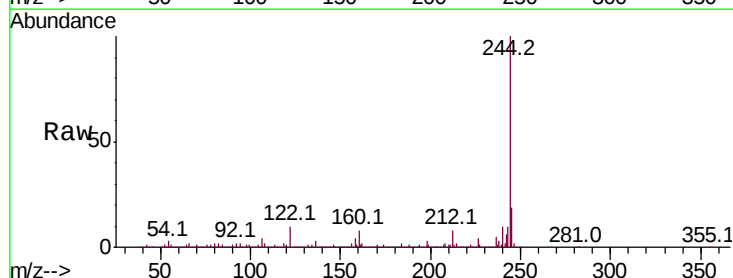
Delta R.T. -0.01 min

Lab File: BM018666.D

Acq: 28 Jan 2019 16:19

Tgt Ion:244 Resp: 4501938

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.3	9.0	13.4

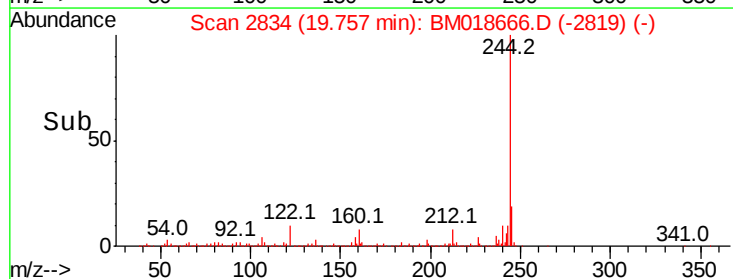
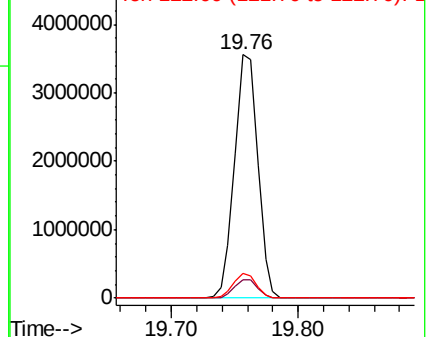


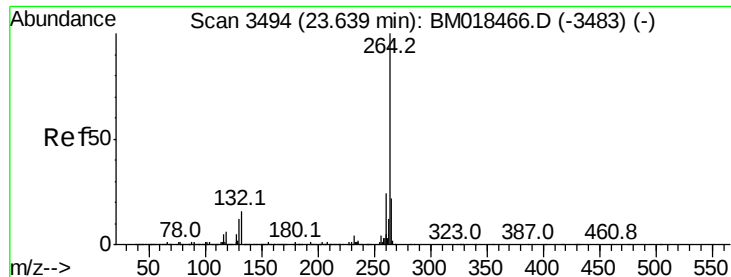
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018666.D
Acq: 28 Jan 2019 16:19

Instrument :
BNA_M
ClientSampleId :
SOIL-1

Tot Ion:264 Resp: 1198670

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.3	16.8	25.2

