

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080618\
 Data File : BM016198.D
 Acq On : 06 Aug 2018 19:20
 Operator : SJ/JU
 Sample : J4333-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1

Quant Time: Aug 07 00:54:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

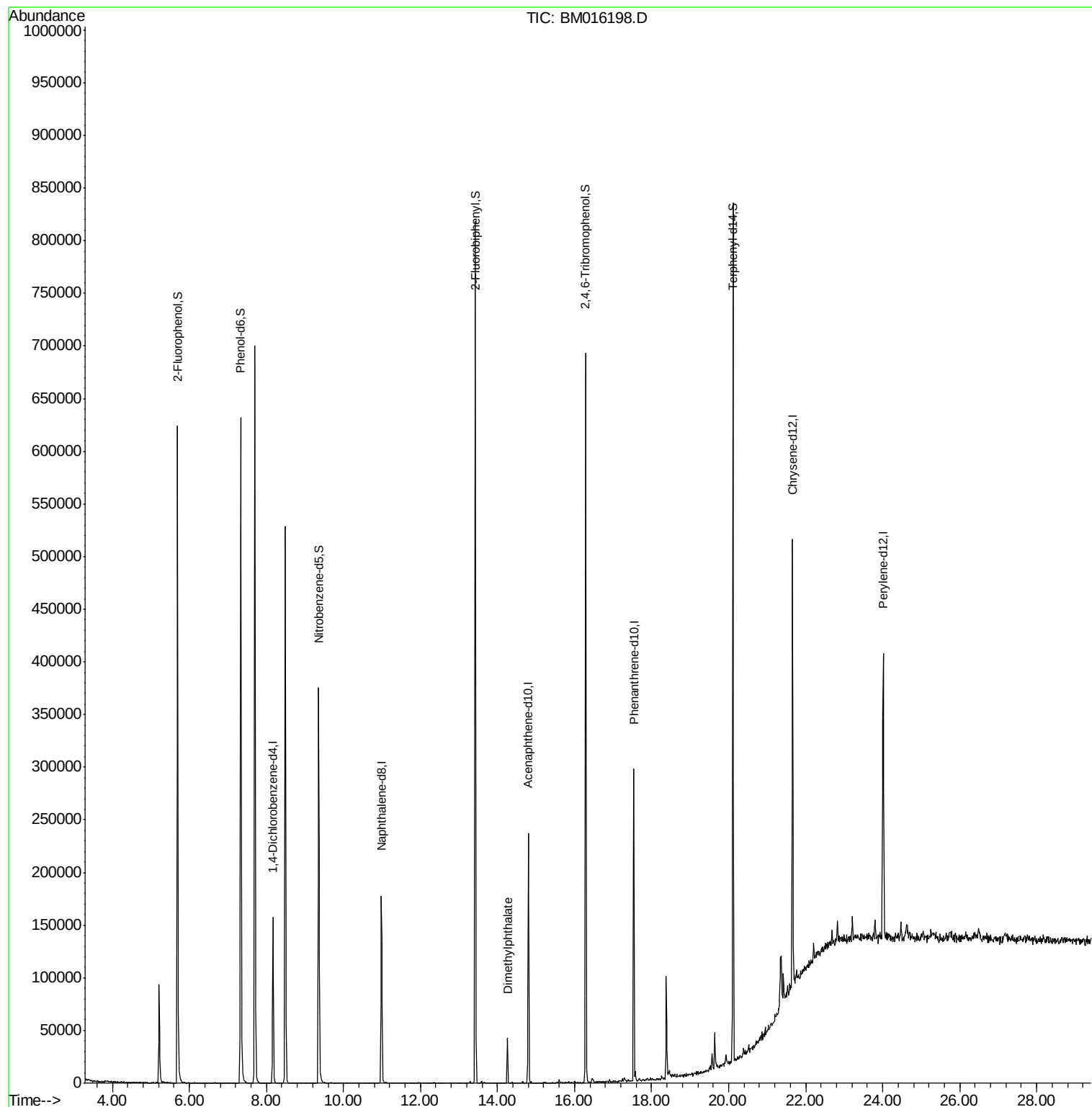
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	33592	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	128244	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	67140	20.00	ng	-0.05
63) Phenanthrene-d10	17.54	188	143993	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	160247	20.00	ng	-0.04
86) Perylene-d12	24.01	264	167930	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	202132	99.95	ng	-0.05
7) Phenol-d6	7.33	99	256613	97.17	ng	-0.05
23) Nitrobenzene-d5	9.36	82	188463	68.35	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	67417	79.17	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	315397	57.16	ng	-0.06
78) Terphenyl-d14	20.11	244	252964	33.04	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	14.26	163	24037	4.091	ng	97

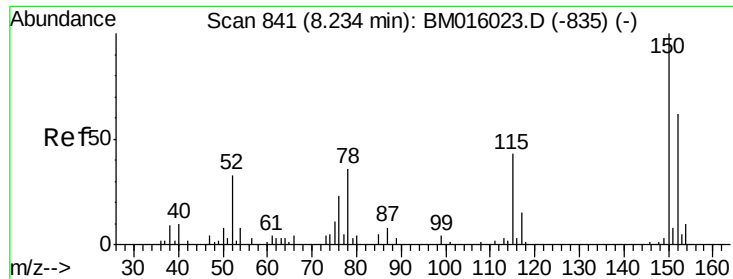
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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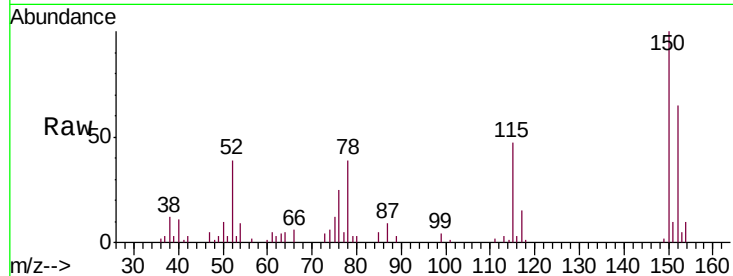




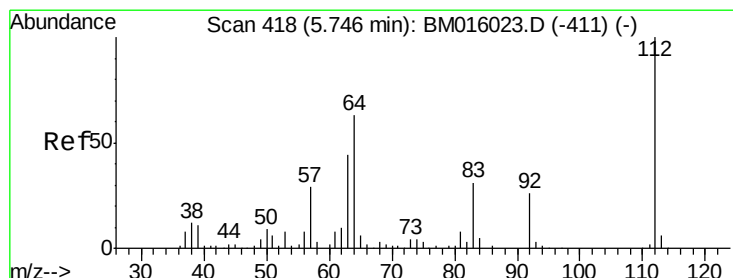
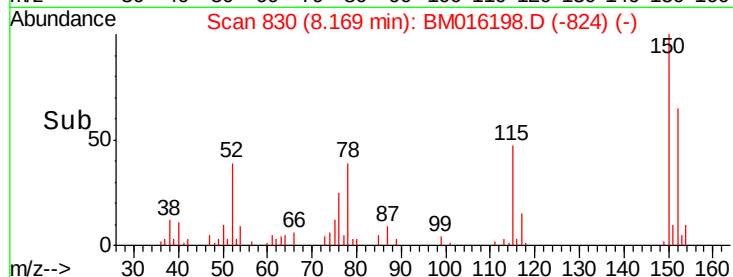
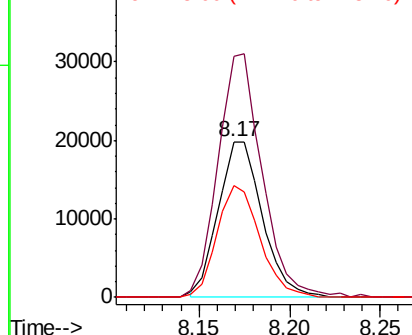
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.07 min
 Lab File: BM016198.D
 Acq: 06 Aug 2018 19:20

Instrument :
 BNA_M
 ClientSampled :
 SOIL-1

Tgt Ion:152 Resp: 33592
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.5 179.3
 115 72.1 43.0 64.4#

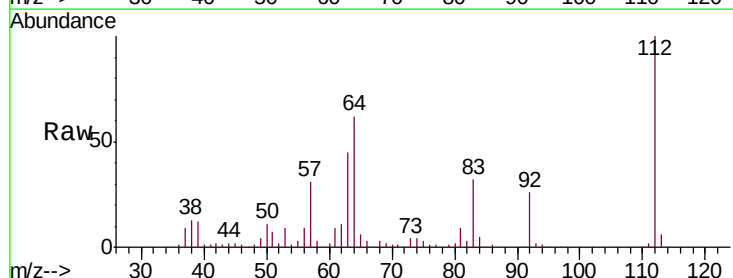


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

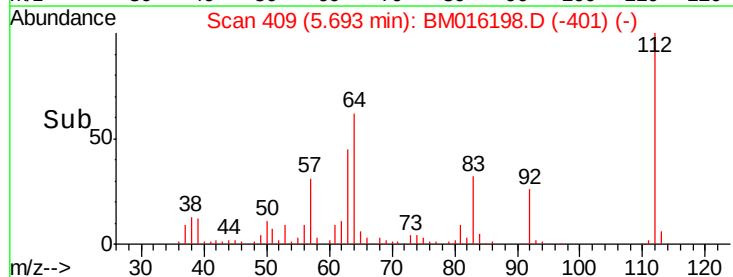
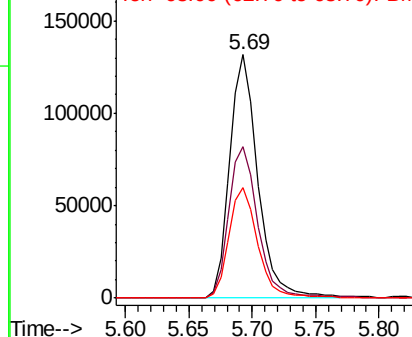


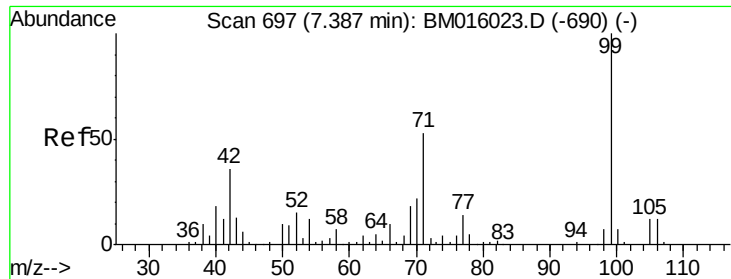
#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BM016198.D
 Acq: 06 Aug 2018 19:20

Tgt Ion:112 Resp: 202132
 Ion Ratio Lower Upper
 112 100
 64 62.0 38.6 57.8#
 63 45.4 19.3 28.9#



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: N.D. ng

RT: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016198.D

Acq: 06 Aug 2018 19:20

Instrument :

BNA_M

ClientSampleId :

SOIL-1

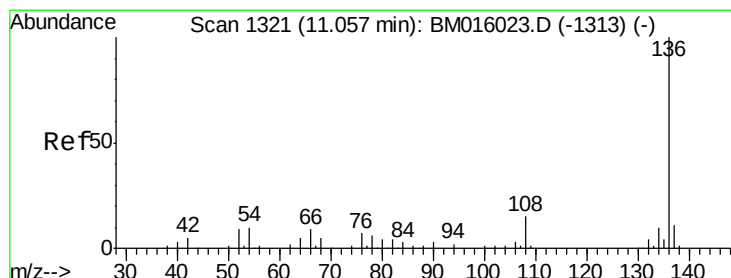
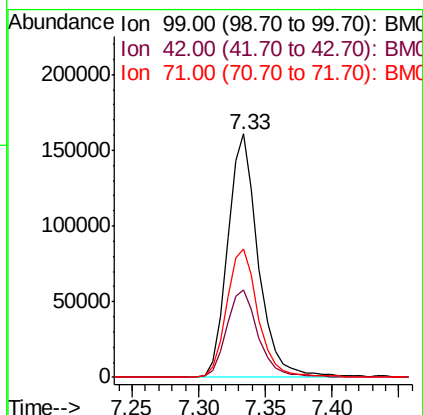
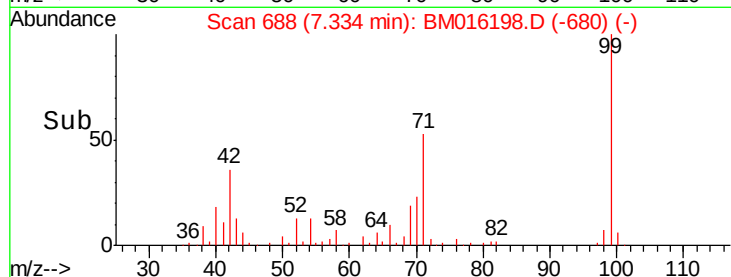
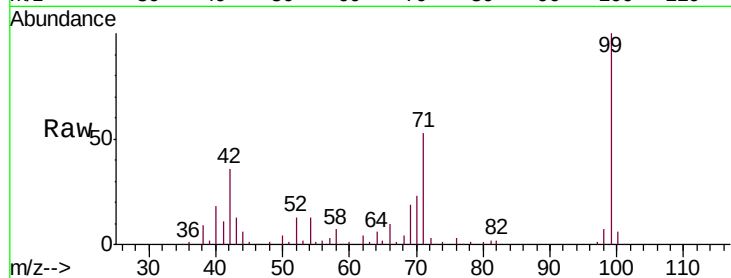
Tgt Ion: 99 Resp: 256613

Ion Ratio Lower Upper

99 100

42 35.9 11.0 16.4#

71 52.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016198.D

Acq: 06 Aug 2018 19:20

Tgt Ion: 136 Resp: 128244

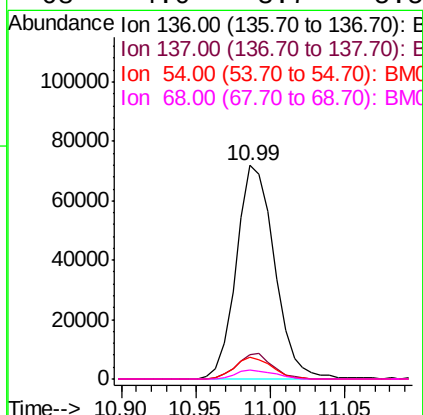
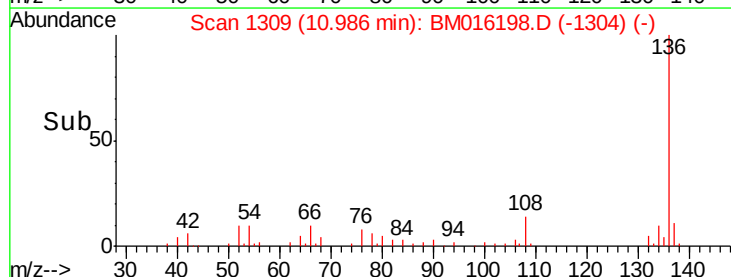
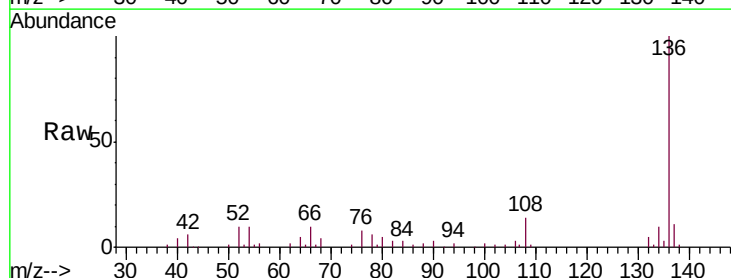
Ion Ratio Lower Upper

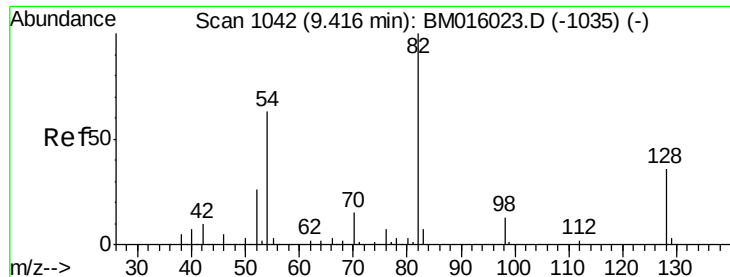
136 100

137 11.3 8.7 13.1

54 10.0 4.6 6.8#

68 4.0 3.7 5.5

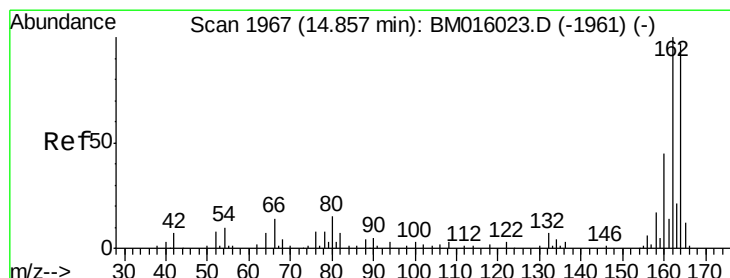
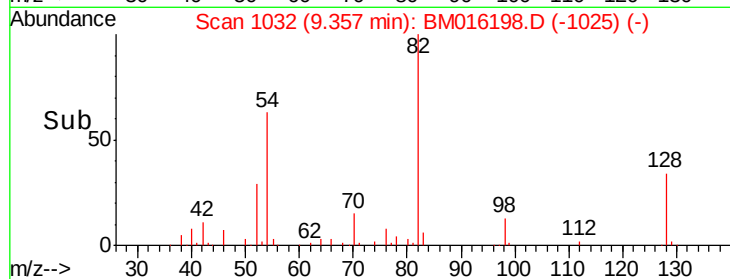
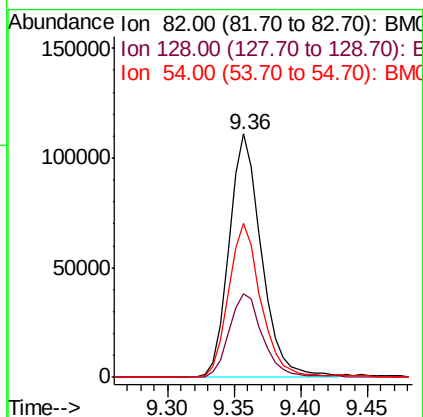
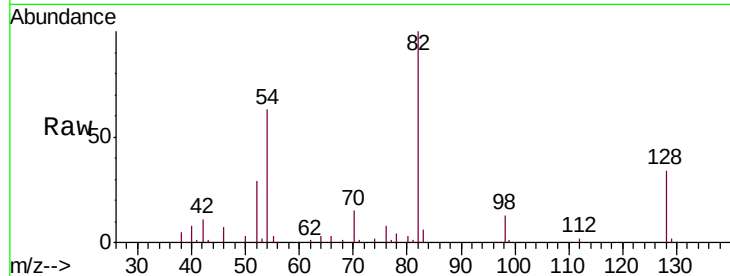




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.06 min
 Lab File: BM016198.D
 Acq: 06 Aug 2018 19:20

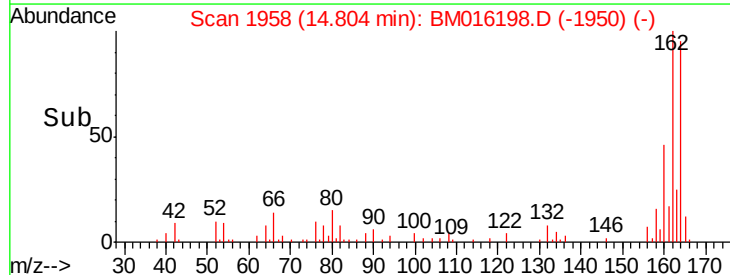
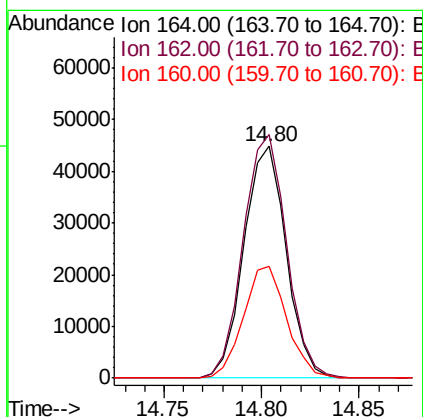
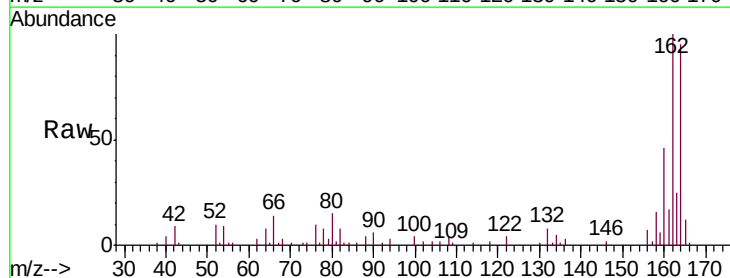
Instrument :
 BNA_M
 ClientSampleId :
 SOIL-1

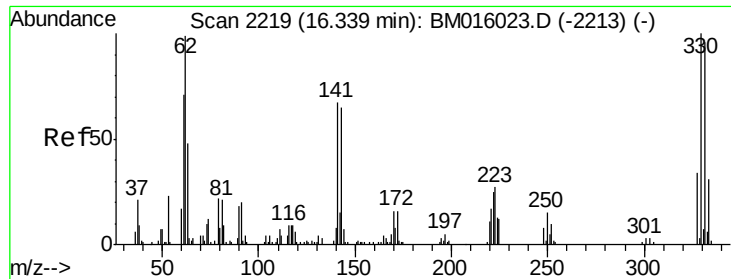
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	32.8	49.2
54	63.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1958
 Delta R.T. -0.05 min
 Lab File: BM016198.D
 Acq: 06 Aug 2018 19:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.4	123.6
160	48.2	35.8	53.6

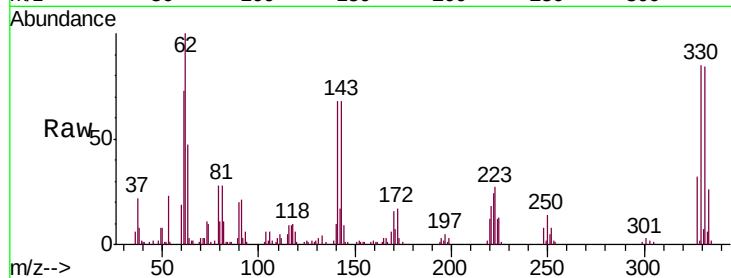




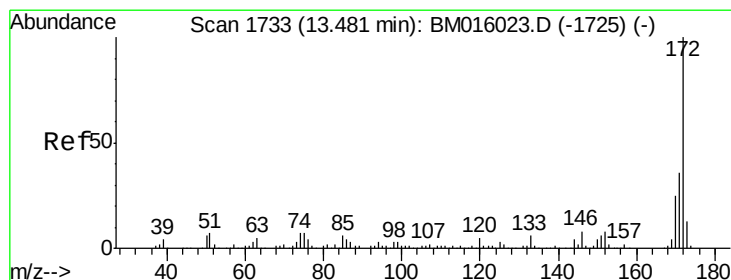
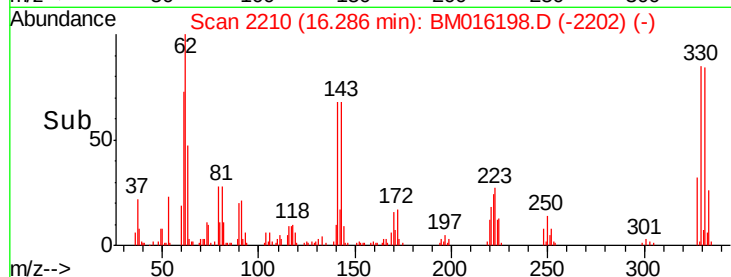
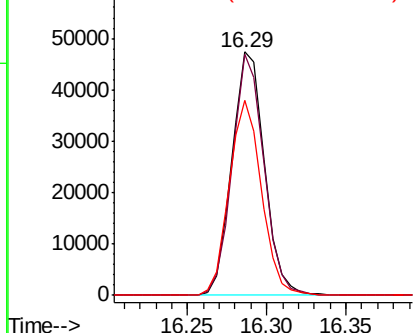
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016198.D
 Acq: 06 Aug 2018 19:20

Instrument :
 BNA_M
 ClientSampled :
 SOIL-1

Tgt Ion:330 Resp: 67417
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 79.2 0.0 0.0#

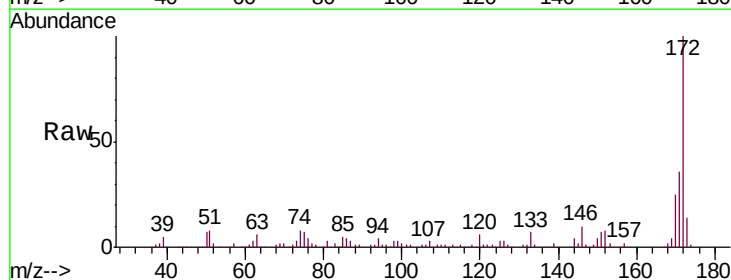


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

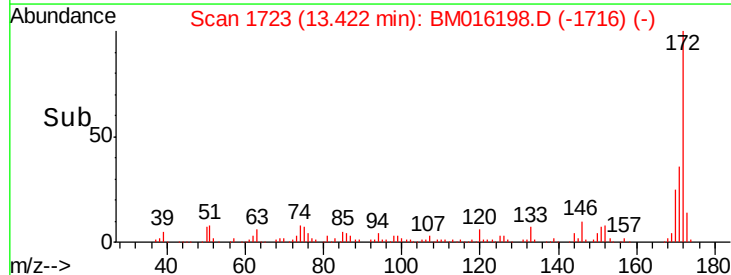
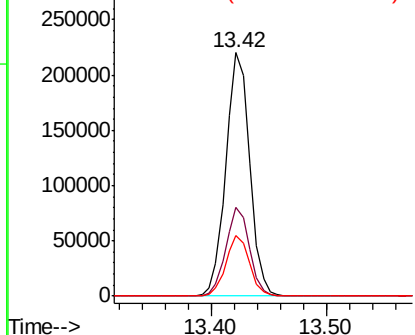


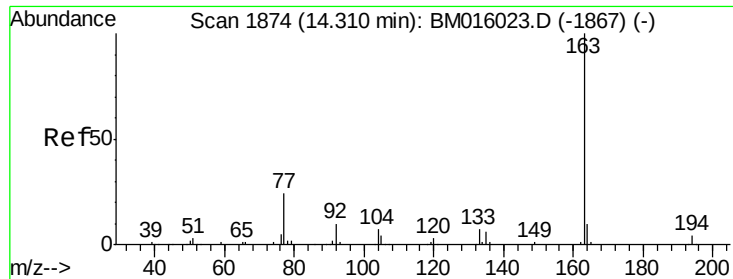
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016198.D
 Acq: 06 Aug 2018 19:20

Tgt Ion:172 Resp: 315397
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.7 18.8 28.2



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





#49

Dimethylphthalate

Concen: 4.091 ng

RT: 14.26 min Scan# 1865

Delta R.T. -0.05 min

Lab File: BM016198.D

Acq: 06 Aug 2018 19:20

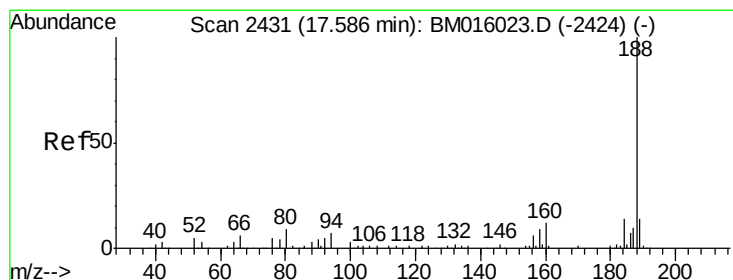
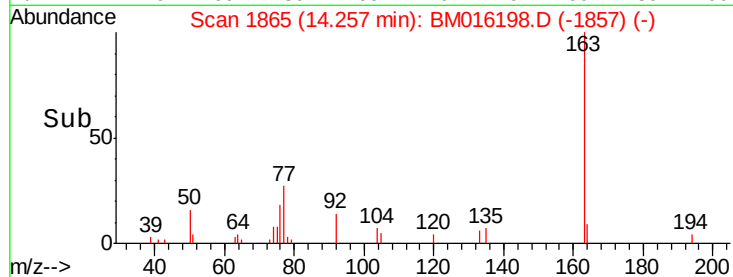
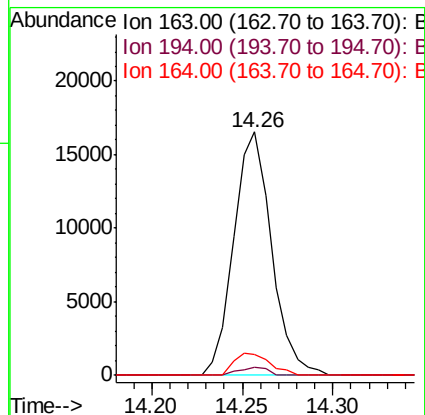
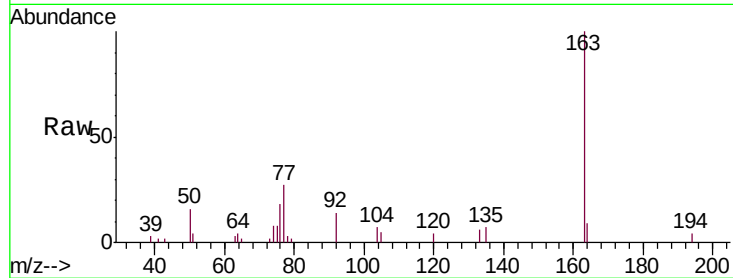
Instrument :

BNA_M

ClientSampleId :

SOIL-1

Tgt Ion:163	Resp:	24037
Ion Ratio	Lower	Upper
163	100	
194	3.5	2.7 4.1
164	8.7	8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

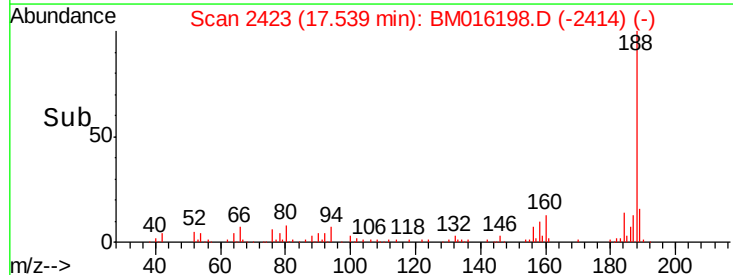
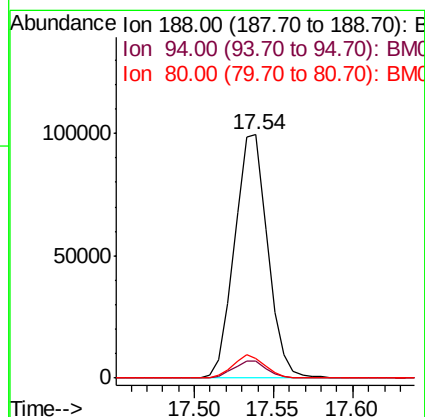
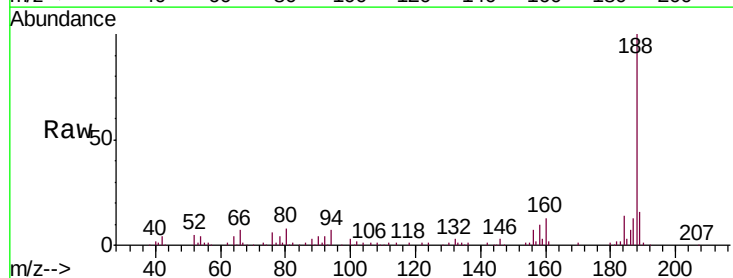
RT: 17.54 min Scan# 2423

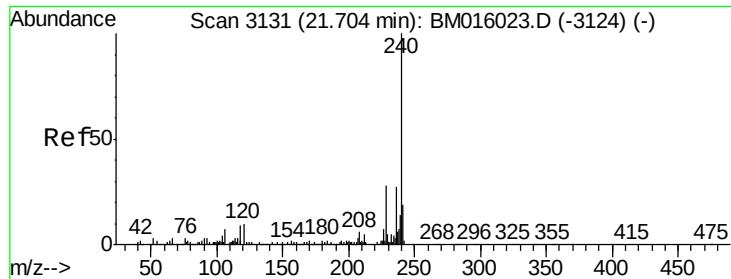
Delta R.T. -0.05 min

Lab File: BM016198.D

Acq: 06 Aug 2018 19:20

Tgt Ion:188	Resp:	143993
Ion Ratio	Lower	Upper
188	100	
94	7.2	8.7 13.1#
80	8.3	9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3124

Delta R.T. -0.04 min

Lab File: BM016198.D

Acq: 06 Aug 2018 19:20

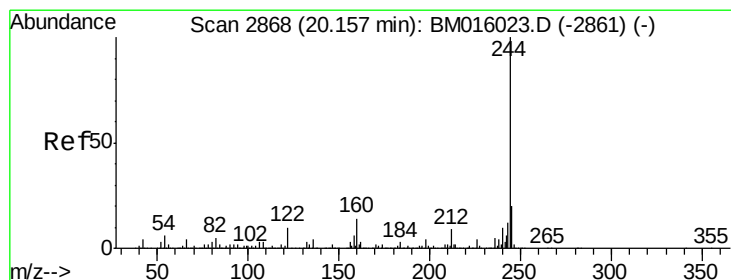
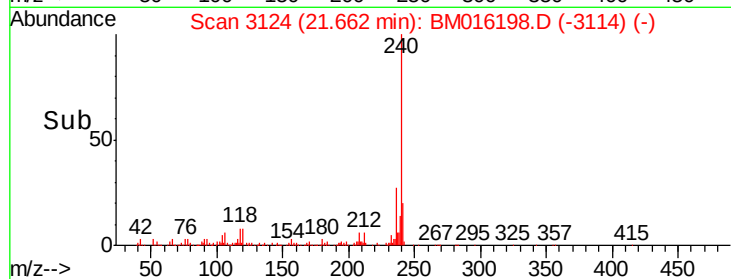
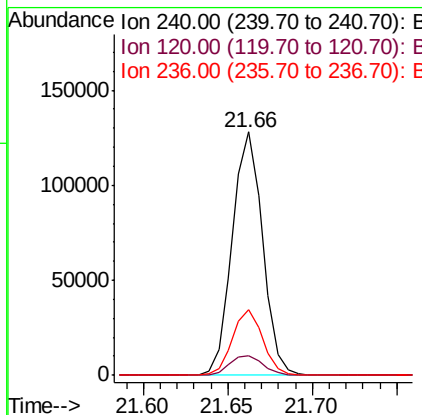
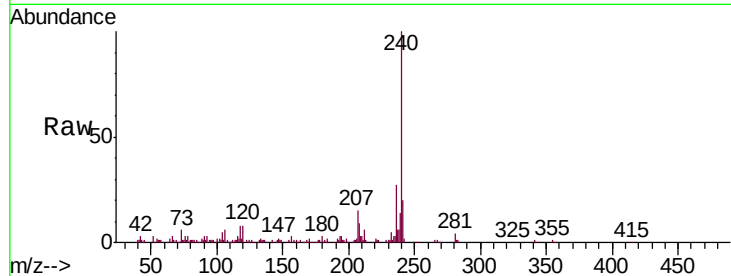
Instrument :

BNA_M

ClientSampleId :

SOIL-1

Tgt Ion:	240	Resp:	160247
Ion Ratio	Lower	Upper	
240	100		
120	8.1	8.2	12.2#
236	27.1	20.0	30.0



#78

Terphenyl-d14

Concen: Below ng

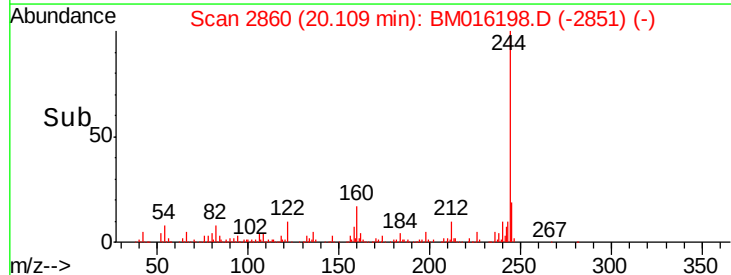
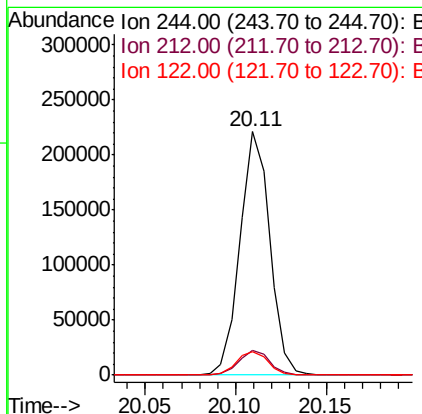
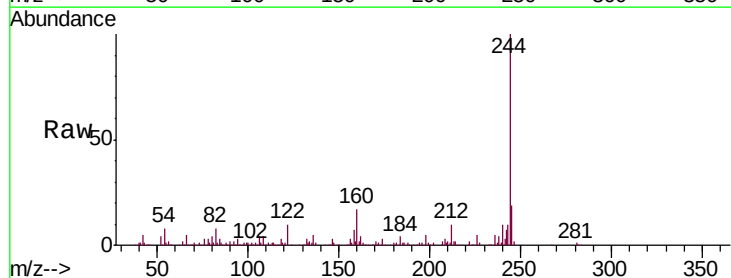
RT: 20.11 min Scan# 2860

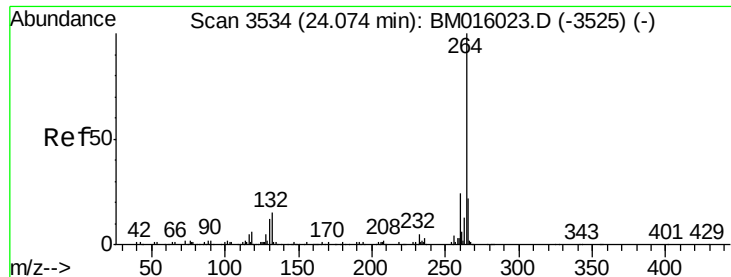
Delta R.T. -0.05 min

Lab File: BM016198.D

Acq: 06 Aug 2018 19:20

Tgt Ion:	244	Resp:	252964
Ion Ratio	Lower	Upper	
244	100		
212	10.3	4.9	7.3#
122	9.9	6.2	9.4#

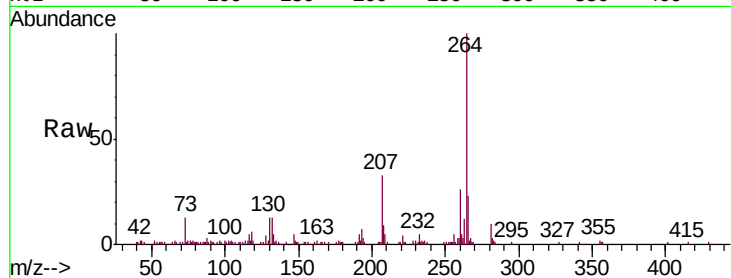




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.01 min Scan# 3524
Delta R.T. -0.06 min
Lab File: BM016198.D
Acq: 06 Aug 2018 19:20

Instrument :
BNA_M
ClientSampleId :
SOIL-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.6	27.8
265	23.3	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

