

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016199.D
 Acq On : 06 Aug 2018 19:57
 Operator : SJ/JU
 Sample : J4333-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-2

Quant Time: Aug 07 00:54:11 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

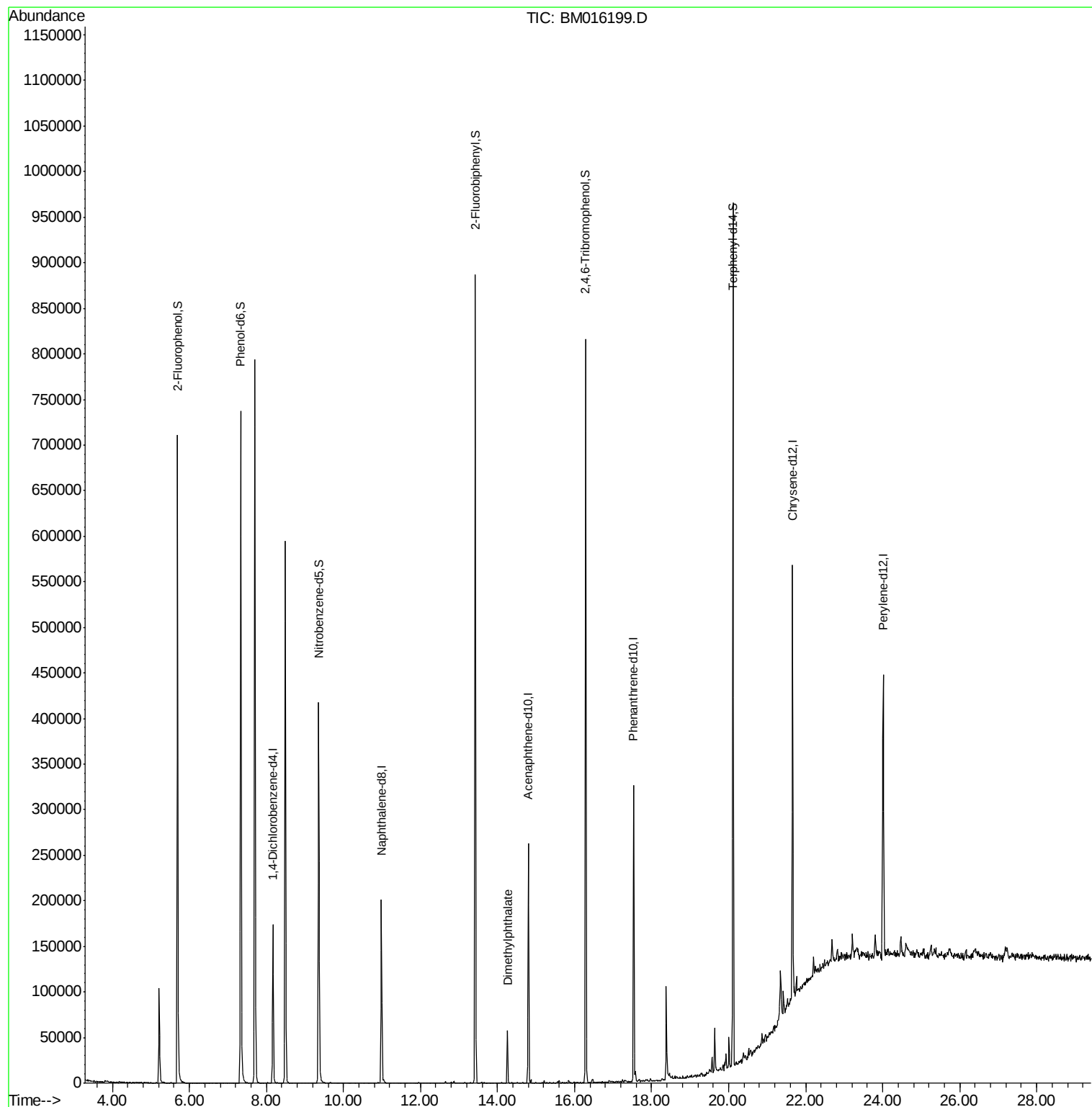
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	37238	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	140574	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	72433	20.00	ng	-0.05
63) Phenanthrene-d10	17.53	188	156740	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	177846	20.00	ng	-0.04
86) Perylene-d12	24.01	264	189617	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	231805	103.40	ng	-0.05
7) Phenol-d6	7.33	99	289791	98.99	ng	-0.05
23) Nitrobenzene-d5	9.36	82	211413	69.95	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	79169	86.18	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	340969	57.28	ng	-0.06
78) Terphenyl-d14	20.11	244	310166	36.51	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	14.26	163	31618	4.988	ng	98

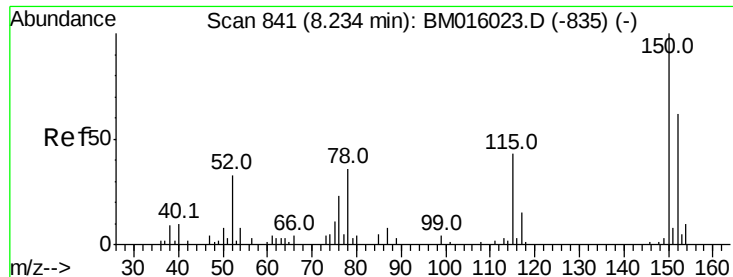
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.07 min

Lab File: BM016199.D

Acq: 06 Aug 2018 19:57

Instrument :

BNA_M

ClientSampleId :

SOIL-2

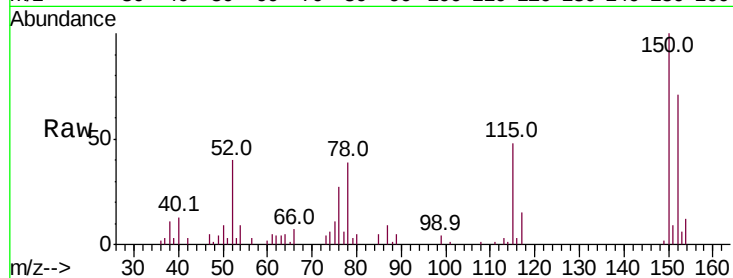
Tot Ion:152 Resp: 37238

Ion Ratio Lower Upper

152 100

150 141.8 119.5 179.3

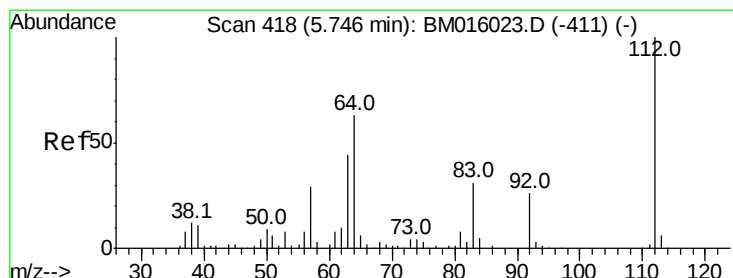
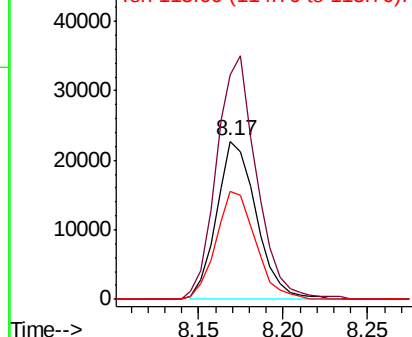
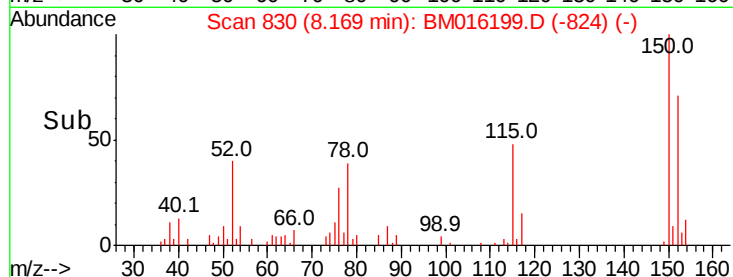
115 68.2 43.0 64.4#



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: N.D. ng

RT: 5.69 min Scan# 409

Delta R.T. -0.05 min

Lab File: BM016199.D

Acq: 06 Aug 2018 19:57

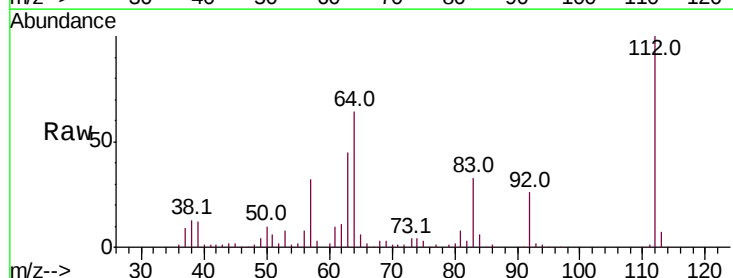
Tgt Ion:112 Resp: 231805

Ion Ratio Lower Upper

112 100

64 64.2 38.6 57.8#

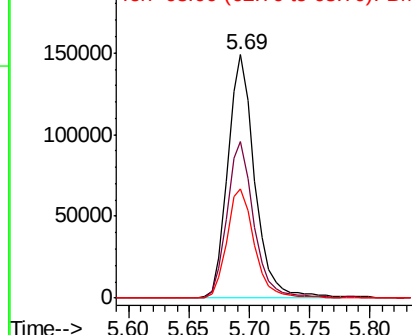
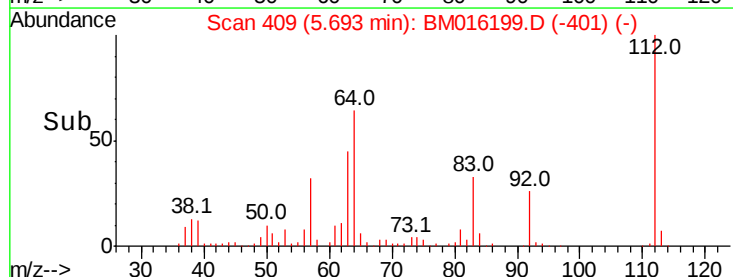
63 45.0 19.3 28.9#

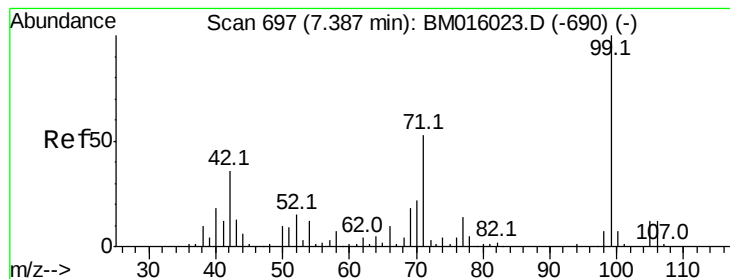


Abundance Ion 112.00 (111.70 to 112.70): E

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: BM016199.D

Acq: 06 Aug 2018 19:57

Instrument :

BNA_M

ClientSampleId :

SOIL-2

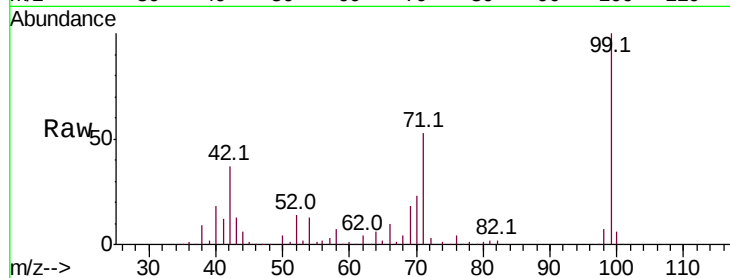
Tot Ion: 99 Resp: 289791

Ion Ratio Lower Upper

99 100

42 37.4 11.0 16.4#

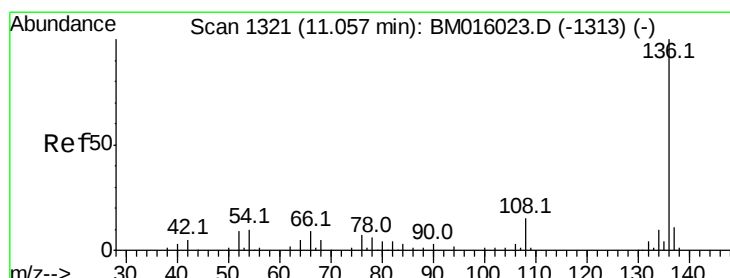
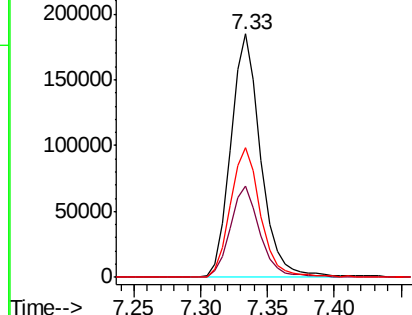
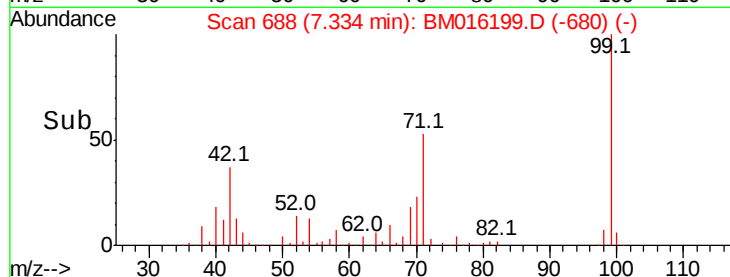
71 53.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016199.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016199.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016199.D (-680) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.07 min

Lab File: BM016199.D

Acq: 06 Aug 2018 19:57

Tgt Ion: 136 Resp: 140574

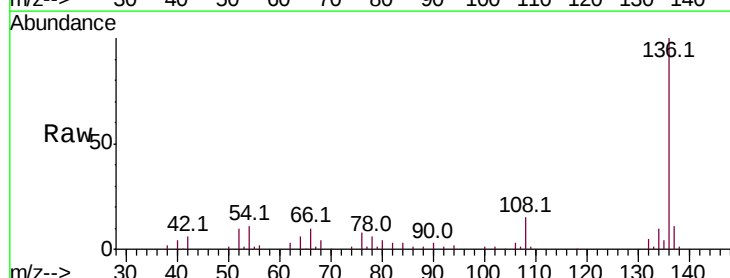
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.8 4.6 6.8#

68 4.2 3.7 5.5

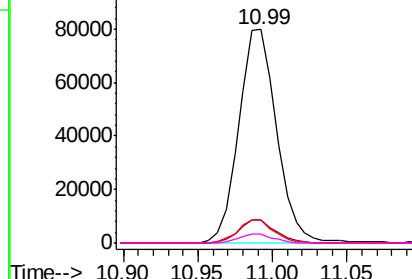
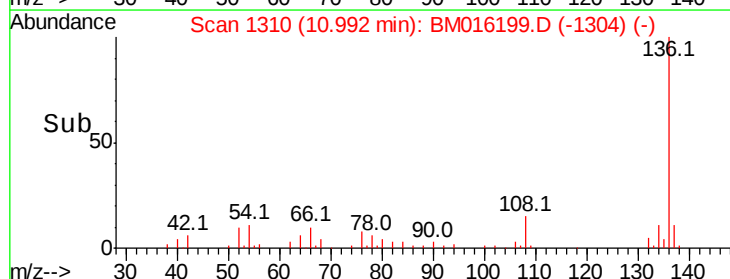


Abundance Ion 136.00 (135.70 to 136.70): BM016199.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016199.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016199.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016199.D (-1304) (-)

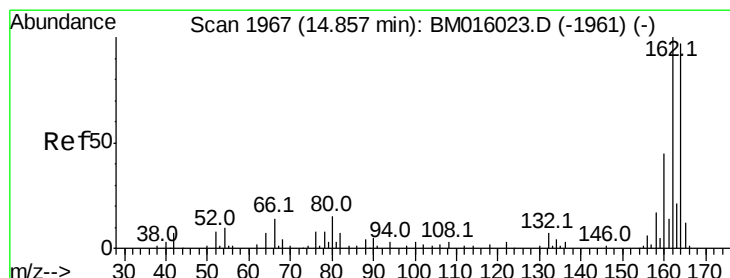
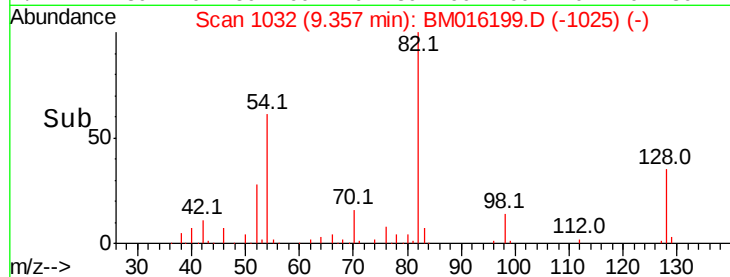
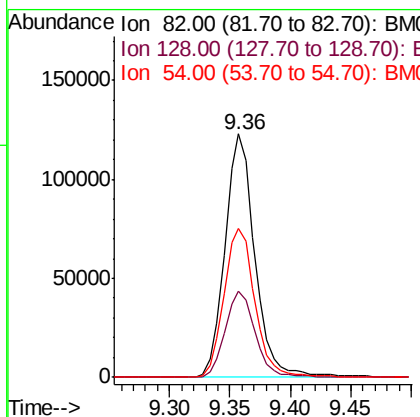
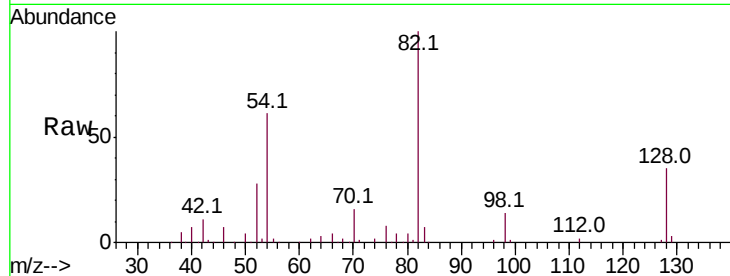




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.06 min
 Lab File: BM016199.D
 Acq: 06 Aug 2018 19:57

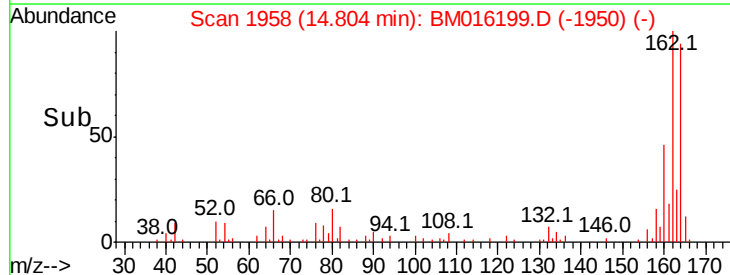
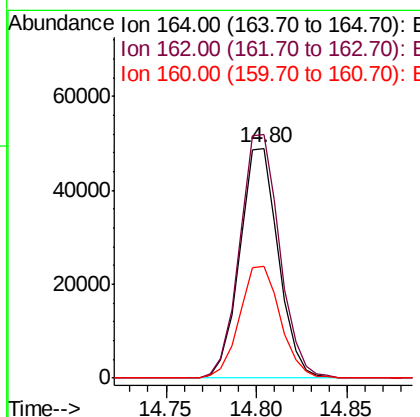
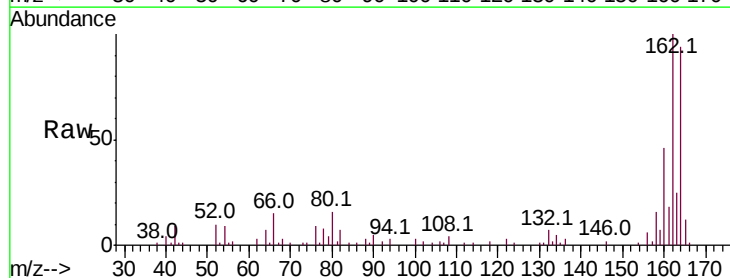
Instrument :
 BNA_M
 ClientSampleId :
 SOIL-2

Tot Ion: 82 Resp: 211413
 Ion Ratio Lower Upper
 82 100
 128 35.4 32.8 49.2
 54 61.4 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: BM016199.D
 Acq: 06 Aug 2018 19:57

Tgt Ion: 164 Resp: 72433
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.4 123.6
 160 48.8 35.8 53.6

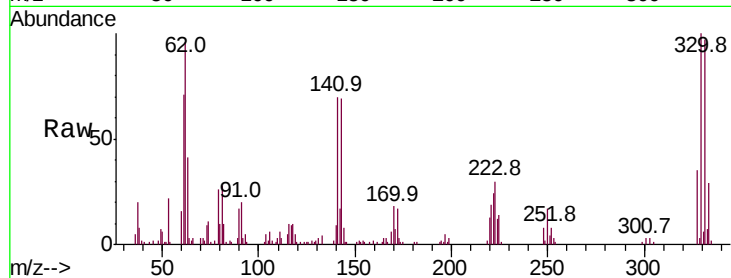




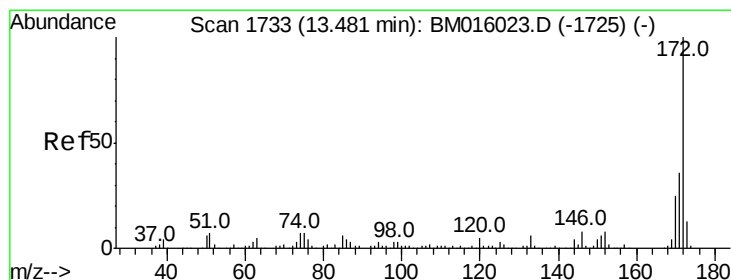
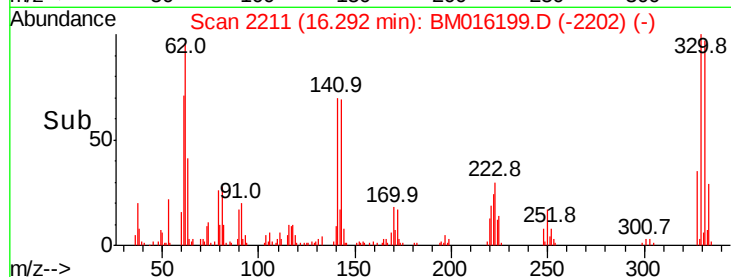
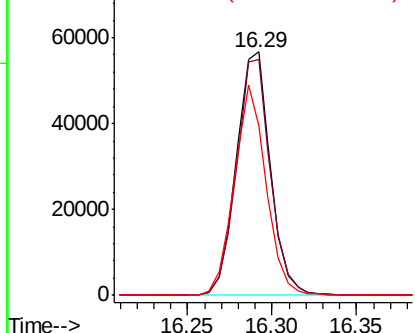
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2211
 Delta R.T. -0.05 min
 Lab File: BM016199.D
 Acq: 06 Aug 2018 19:57

Instrument :
 BNA_M
 ClientSampled :
 SOIL-2

Tot Ion:330 Resp: 79169
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 81.1 0.0 0.0#

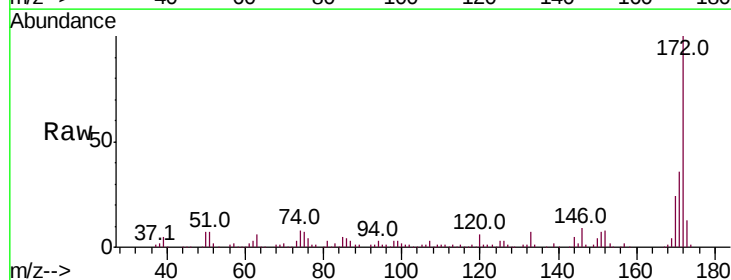


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

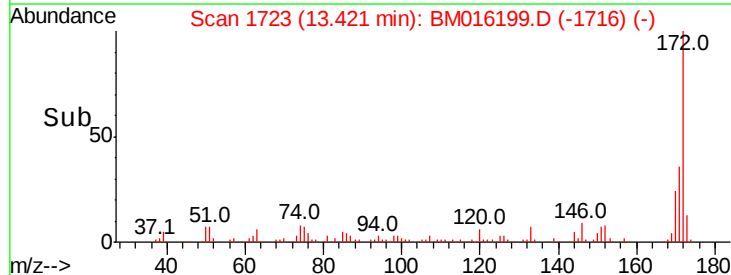
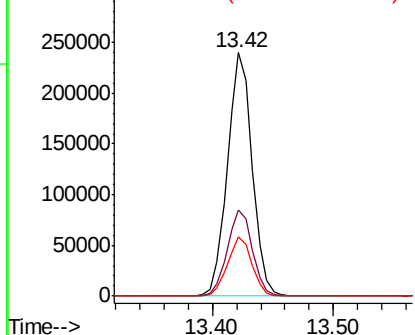


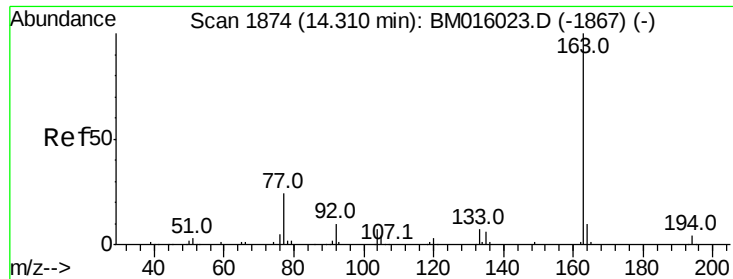
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016199.D
 Acq: 06 Aug 2018 19:57

Tgt Ion:172 Resp: 340969
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.2 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: 4.988 ng

RT: 14.26 min Scan# 1865

Delta R.T. -0.05 min

Lab File: BM016199.D

Acq: 06 Aug 2018 19:57

Instrument :

BNA_M

ClientSampleId :

SOIL-2

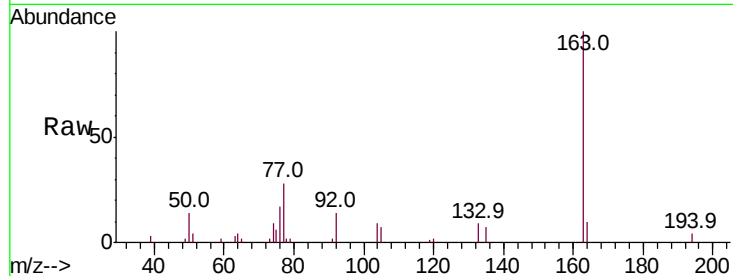
Tot Ion:163 Resp: 31618

Ion Ratio Lower Upper

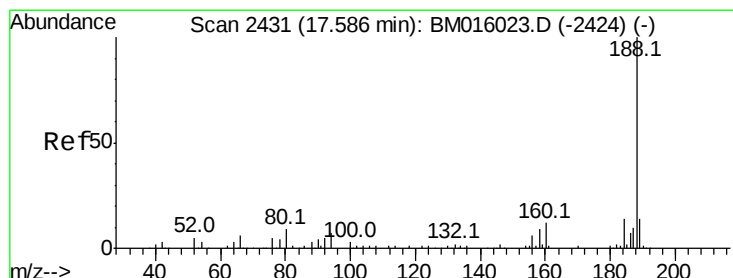
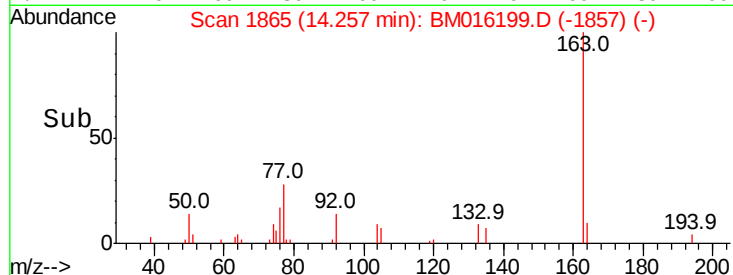
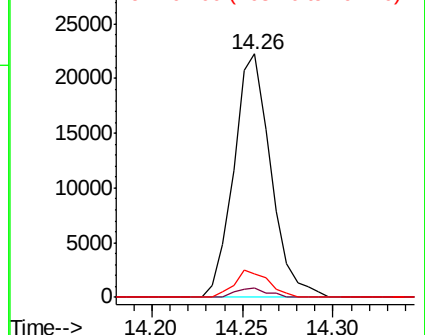
163 100

194 3.7 2.7 4.1

164 9.5 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016199.D

Acq: 06 Aug 2018 19:57

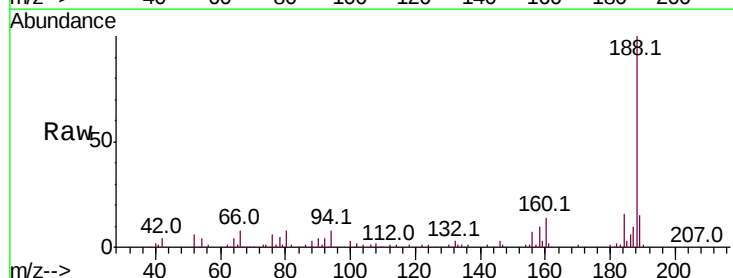
Tgt Ion:188 Resp: 156740

Ion Ratio Lower Upper

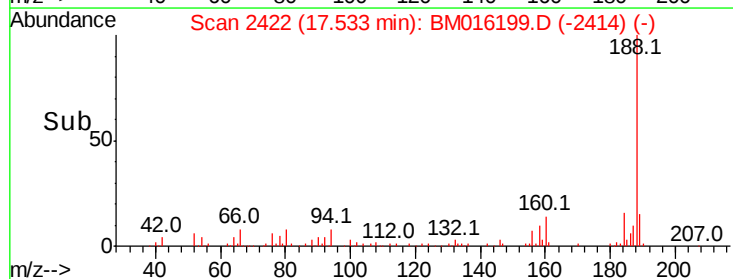
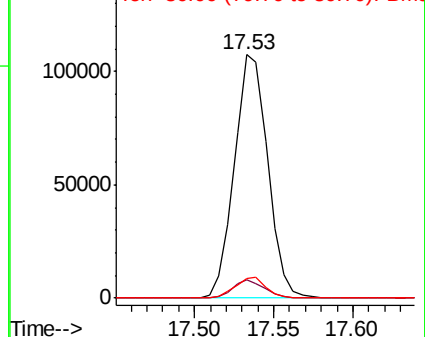
188 100

94 7.6 8.7 13.1#

80 8.1 9.3 13.9#



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3124

Delta R.T. -0.04 min

Lab File: BM016199.D

Acq: 06 Aug 2018 19:57

Instrument :

BNA_M

ClientSampleId :

SOIL-2

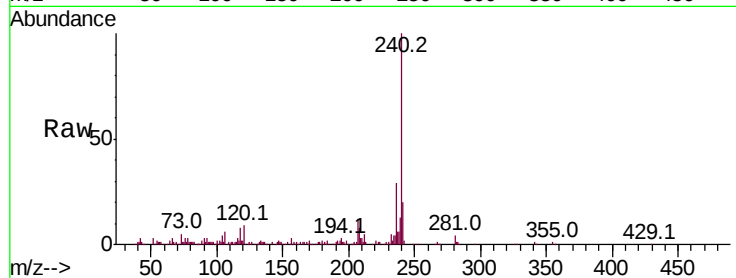
Tot Ion:240 Resp: 177846

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	28.6	20.0	30.0

240 100

120 8.5 8.2 12.2

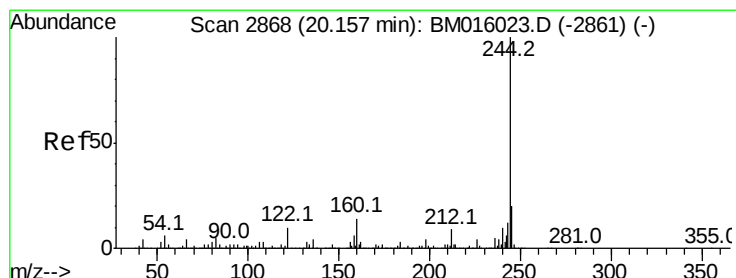
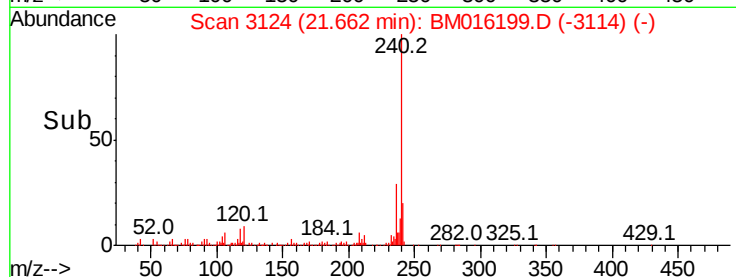
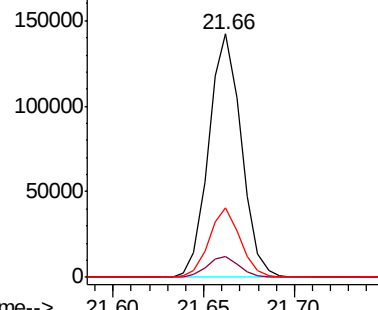
236 28.6 20.0 30.0



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



#78

Terphenyl-d14

Concen: Below ng

RT: 20.11 min Scan# 2860

Delta R.T. -0.05 min

Lab File: BM016199.D

Acq: 06 Aug 2018 19:57

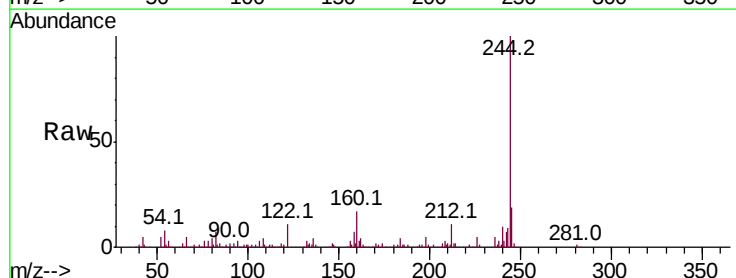
Tgt Ion:244 Resp: 310166

Ion	Ratio	Lower	Upper
244	100		
212	10.7	4.9	7.3#
122	10.7	6.2	9.4#

244 100

212 10.7 4.9 7.3#

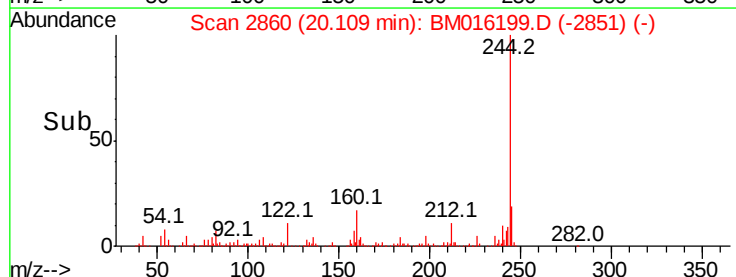
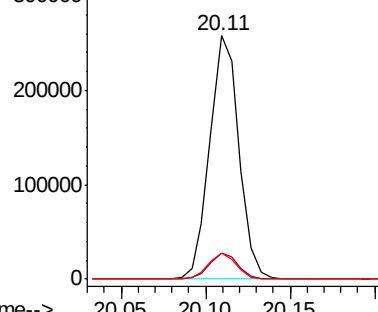
122 10.7 6.2 9.4#

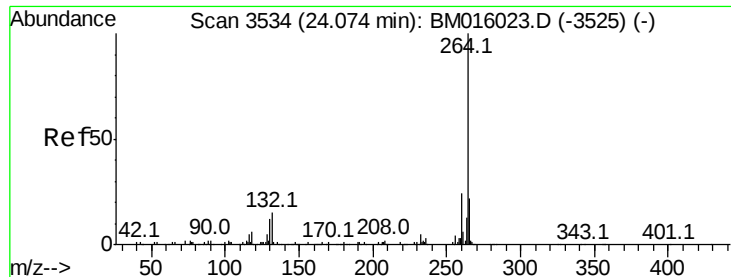


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

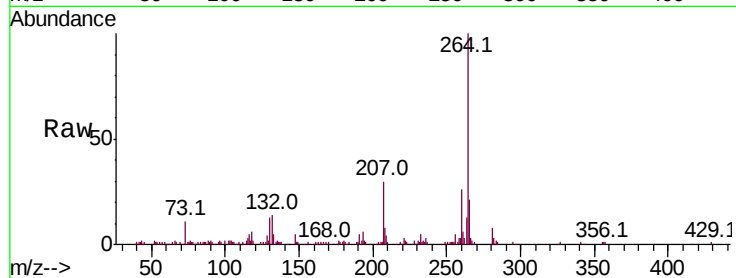




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.01 min Scan# 3524
Delta R.T. -0.06 min
Lab File: BM016199.D
Acq: 06 Aug 2018 19:57

Instrument :
BNA_M
ClientSampleId :
SOIL-2

Tot Ion:264	Resp:	189617
Ion	Ratio	Lower Upper
264	100	
260	25.5	18.6 27.8
265	21.4	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

