

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

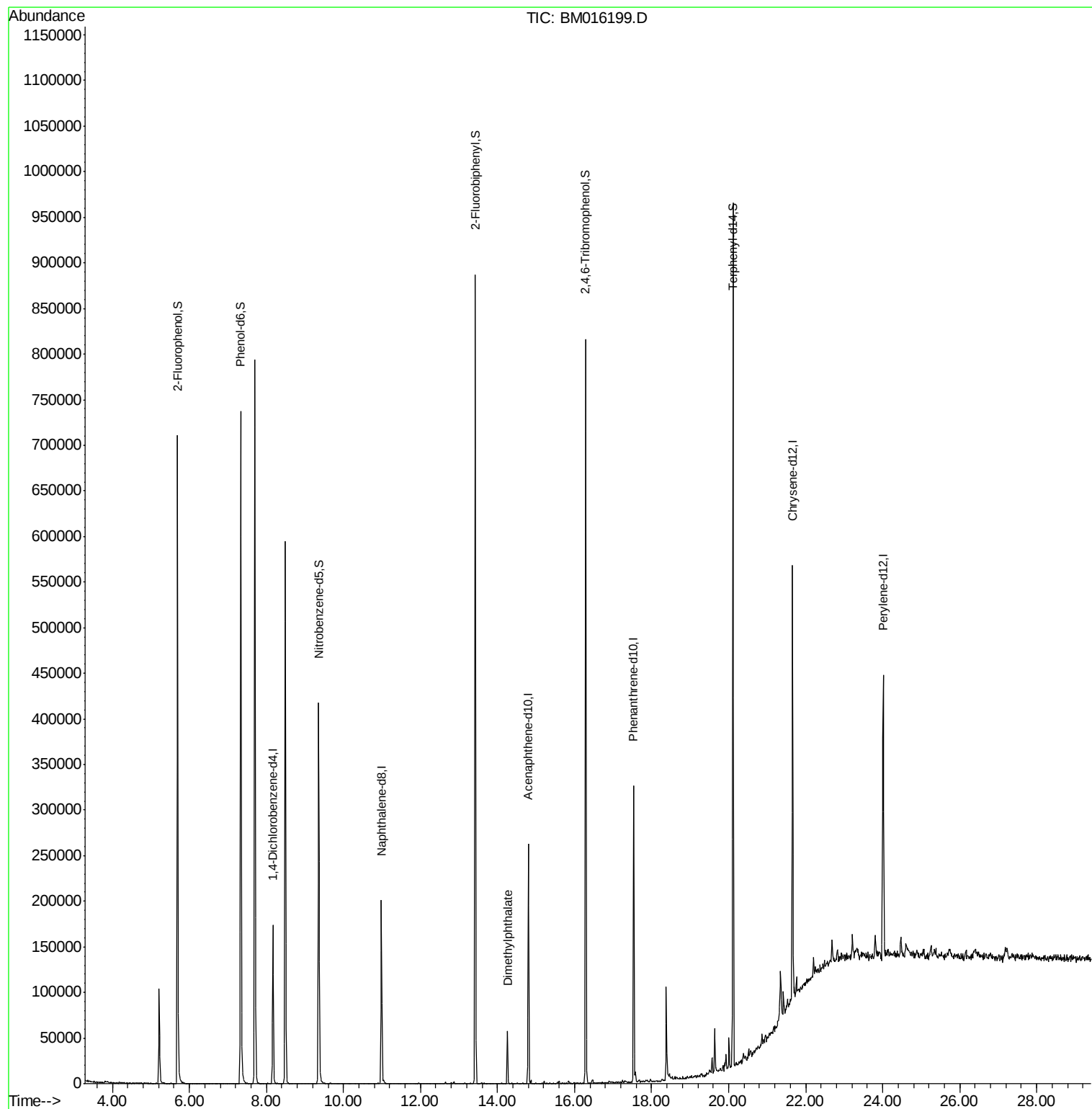
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	37238	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	140574	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	72433	20.00	ng	-0.05
63) Phenanthrene-d10	17.53	188	156740	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	177846	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

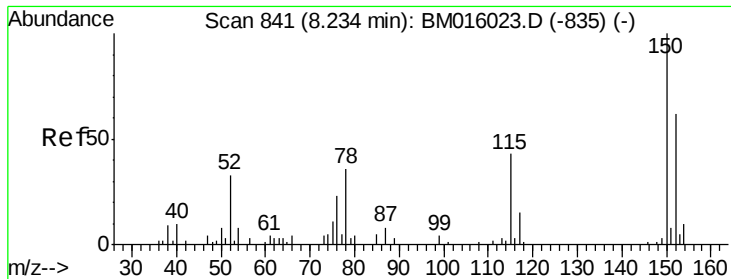
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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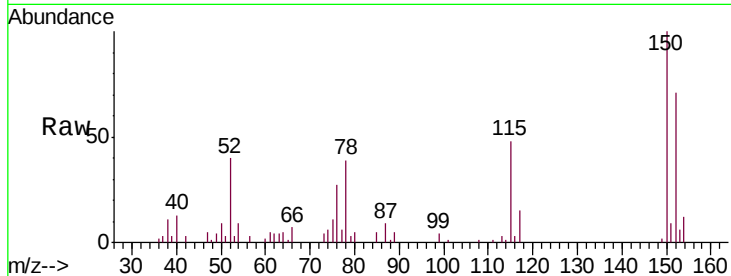


#1

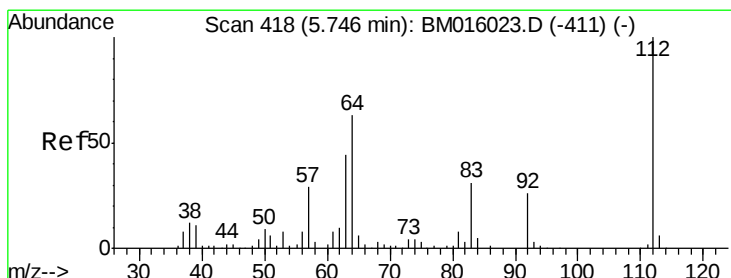
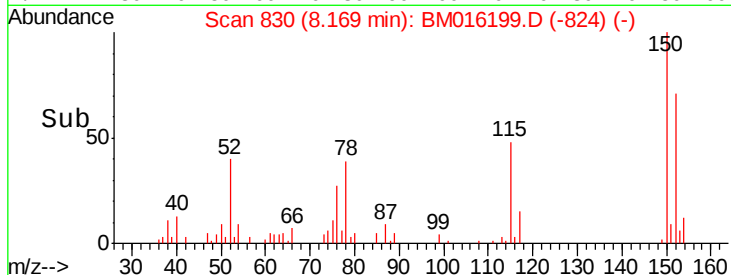
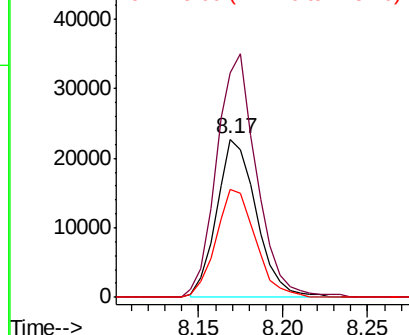
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.07 min
Lab File: BM016199.D
Acq: 06 Aug 2018 19:57

Instrument :
BNA_M
ClientSampled :
SOIL-2

Tgt Ion:152 Resp: 37238
Ion Ratio Lower Upper
152 100
150 141.8 119.5 179.3
115 68.2 43.0 64.4#



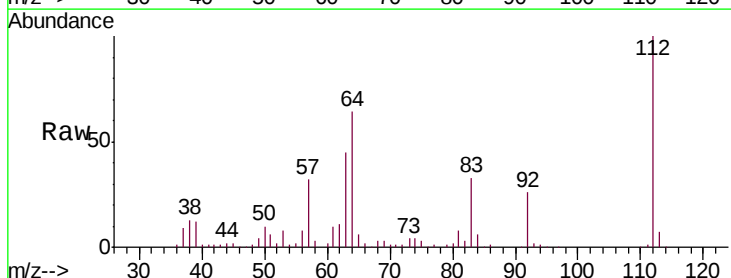
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



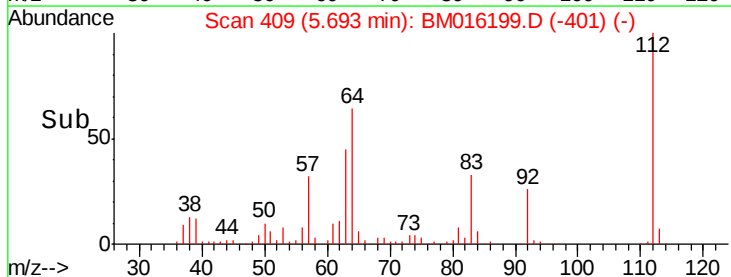
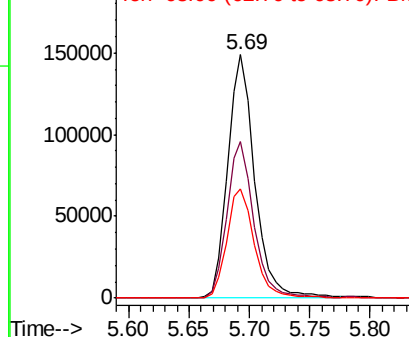
#5

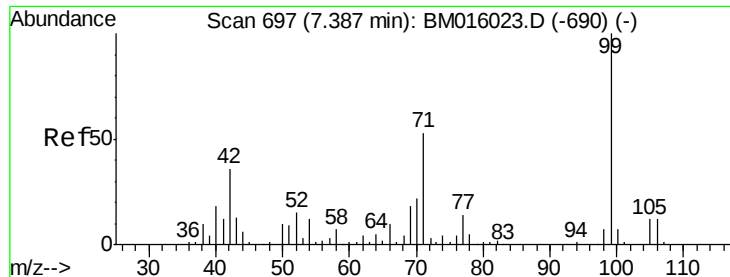
2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. -0.05 min
Lab File: BM016199.D
Acq: 06 Aug 2018 19:57

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

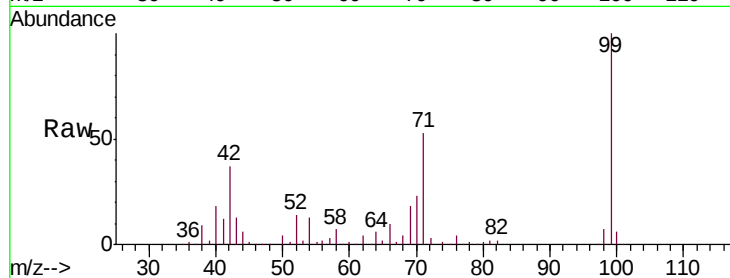
Tgt Ion: 99 Resp: 289791

Ion Ratio Lower Upper

99 100

42 37.4 11.0 16.4#

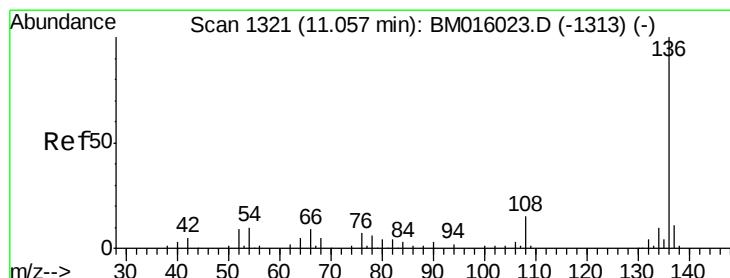
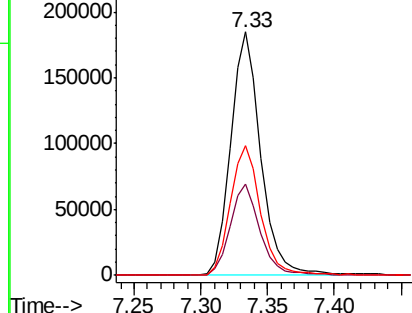
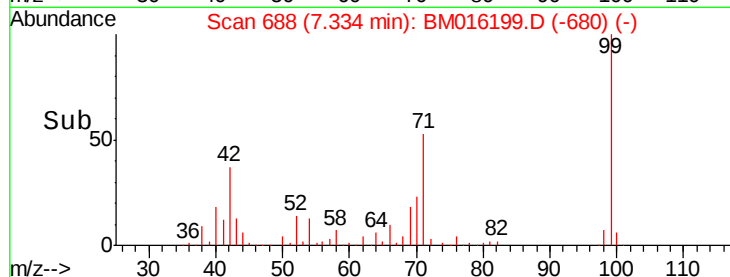
71 53.2 23.4 35.2#



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

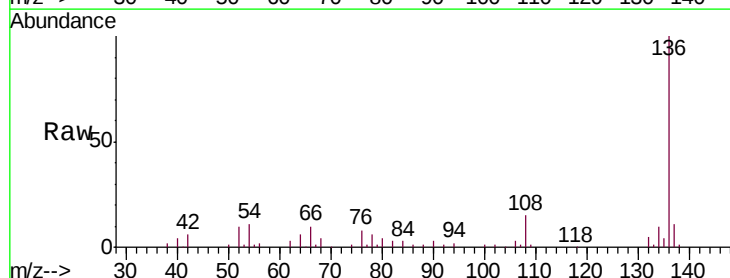
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.8 4.6 6.8#

68 4.2 3.7 5.5

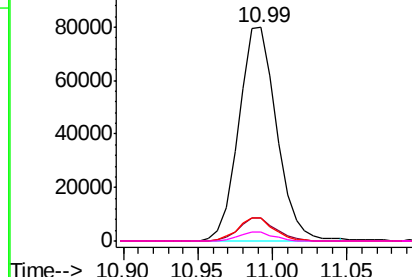
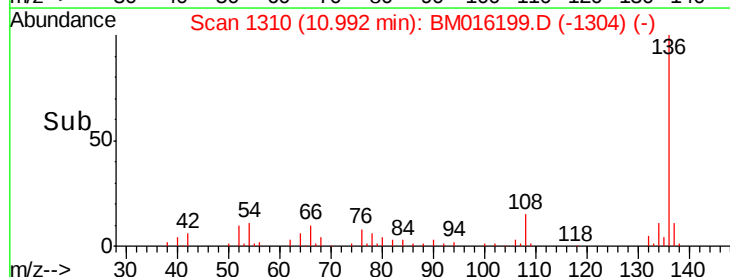


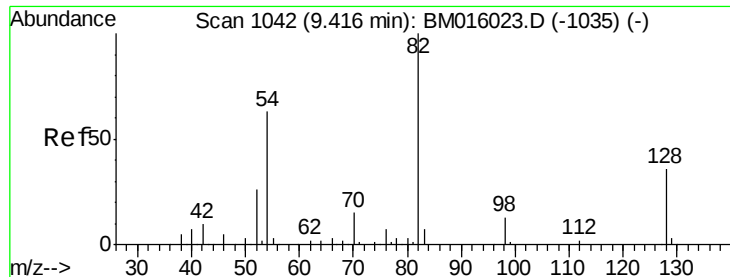
Abundance Ion 136.00 (135.70 to 136.70): BM016199.D (-1304) (-)

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) (-)

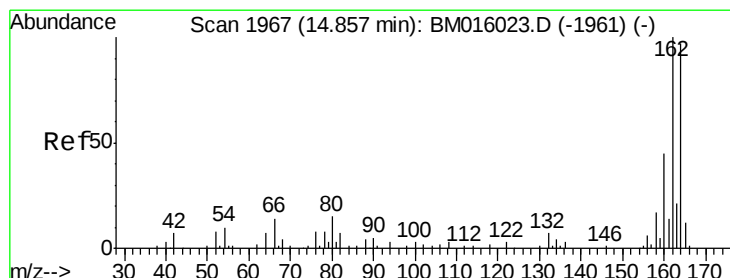
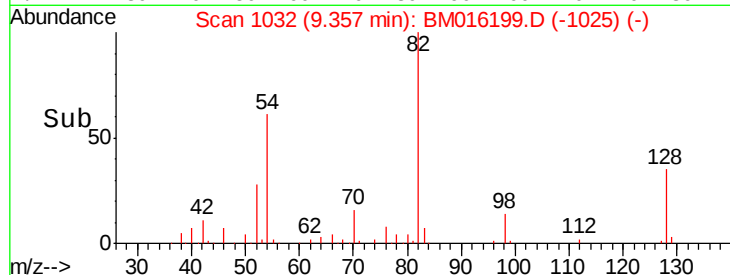
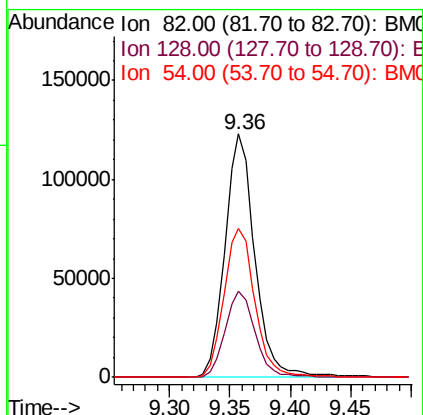
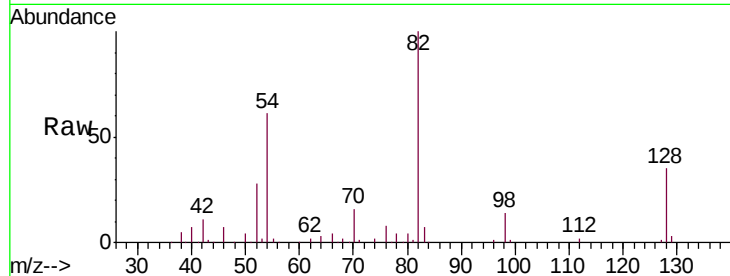




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.06 min
 Lab File: BM016199.D
 Acq: 06 Aug 2018 19:57

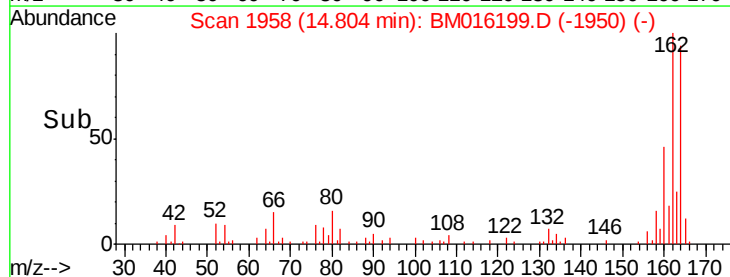
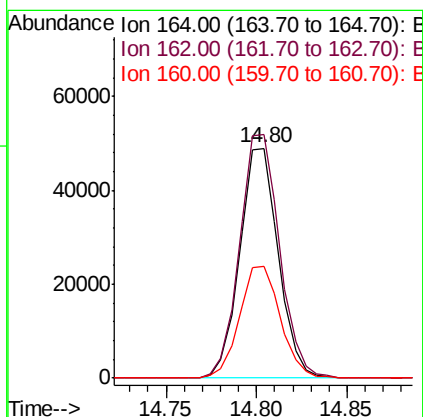
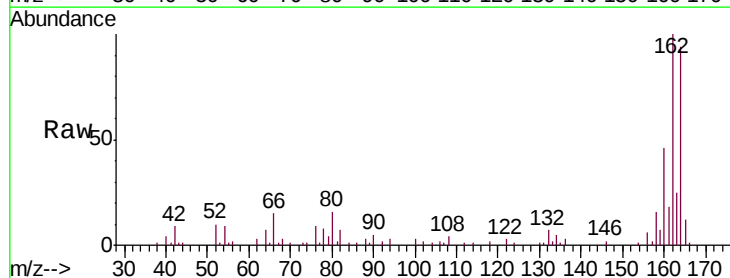
Instrument :
 BNA_M
 ClientSampleId :
 SOIL-2

Tgt 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	Ratio	Lower	Upper
164	100		
162	105.8	82.4	123.6
160	48.8	35.8	53.6

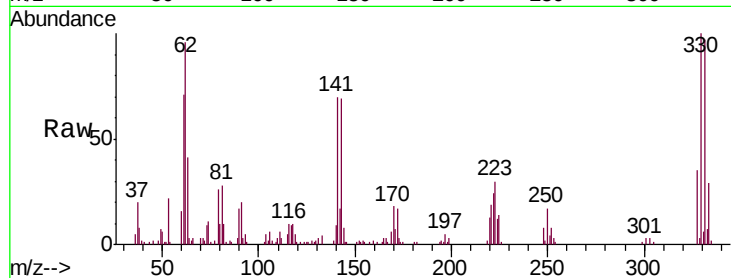




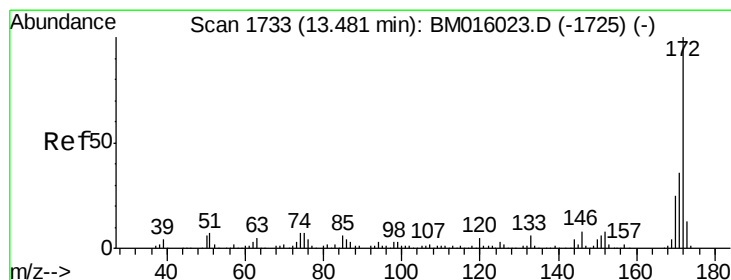
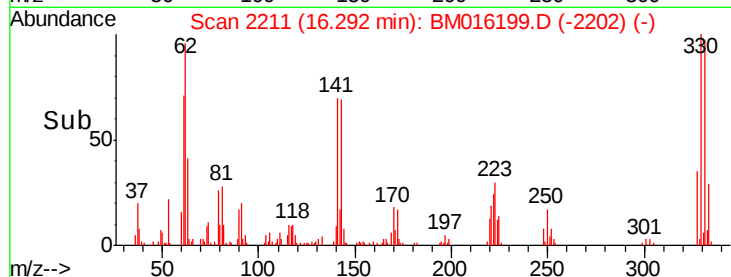
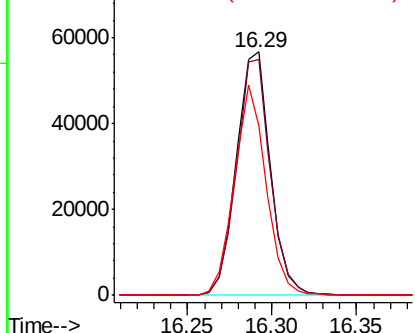
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2211
 Delta R.T. -0.05 min
 Lab File: BM016199.D
 Acq: 06 Aug 2018 19:57

Instrument :
 BNA_M
 ClientSampled :
 SOIL-2

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

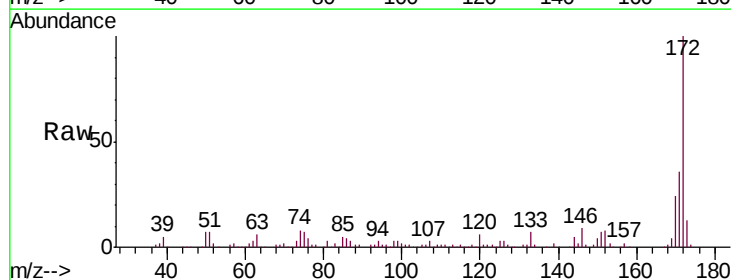


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

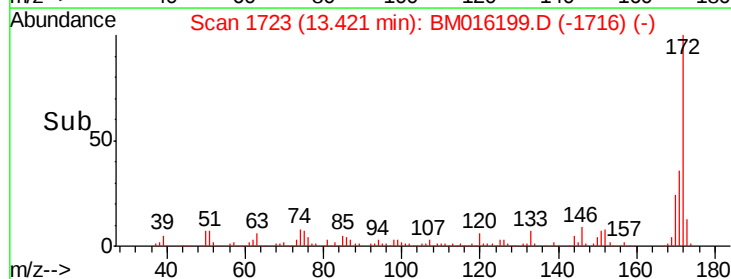
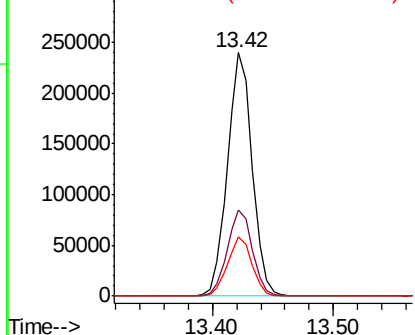


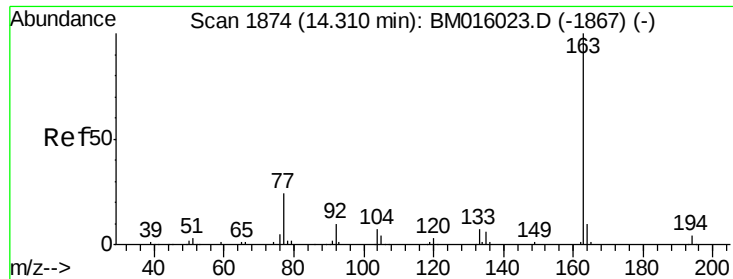
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016199.D
 Acq: 06 Aug 2018 19:57

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

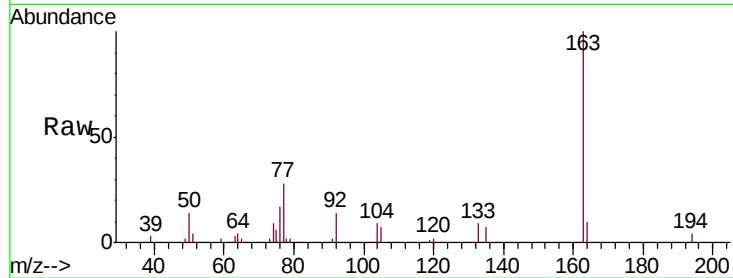
Tgt Ion:163 Resp: 31618

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

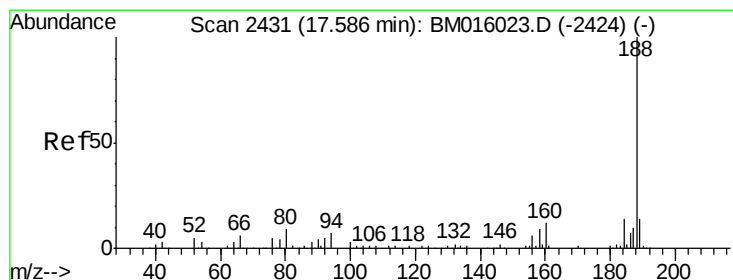
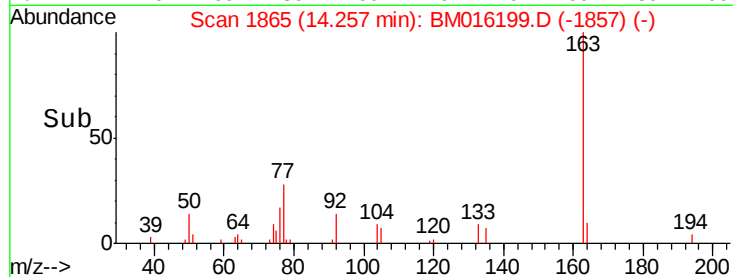
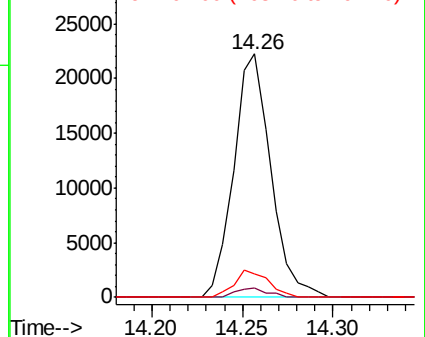
164 9.5 8.2 12.2



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

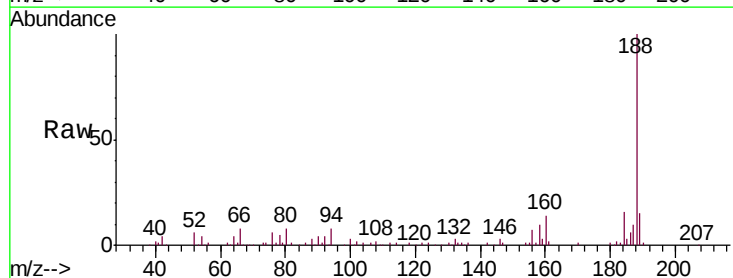
Tgt Ion:188 Resp: 156740

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

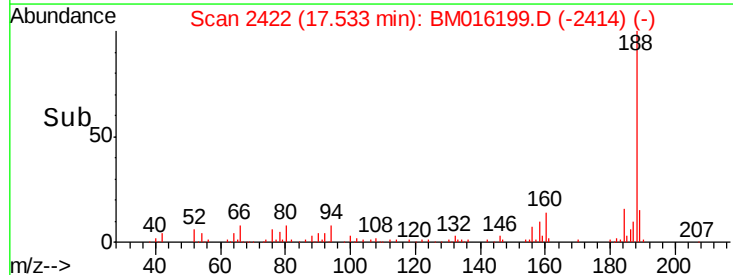
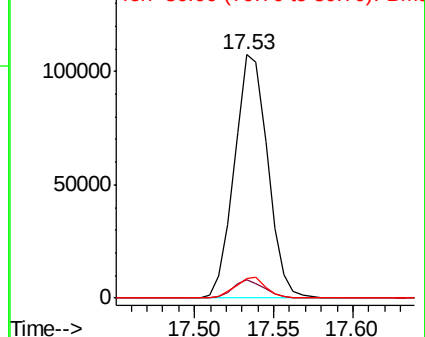
80 8.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#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

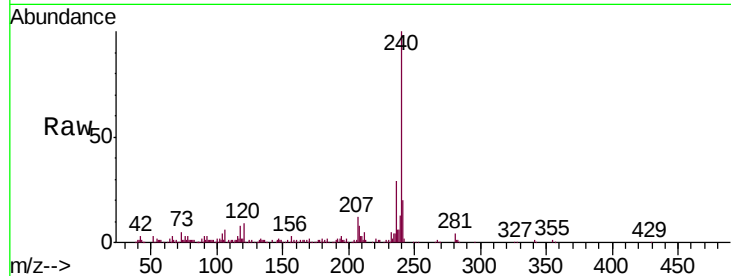
Tgt Ion:240 Resp: 177846

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

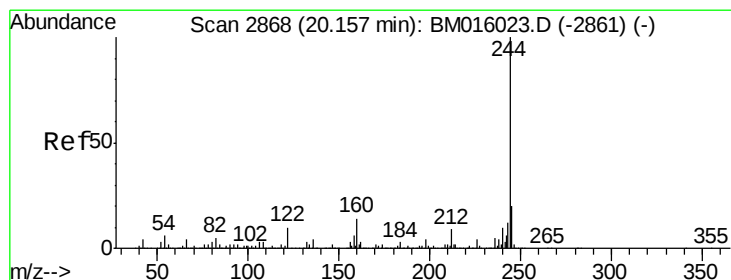
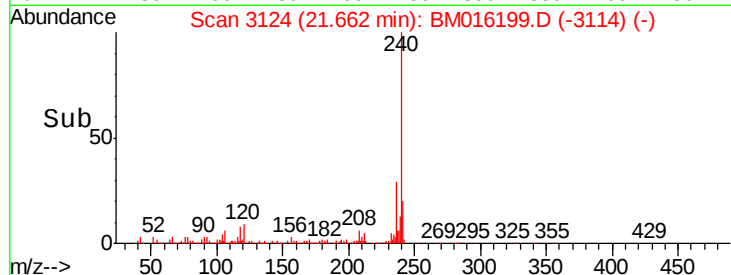
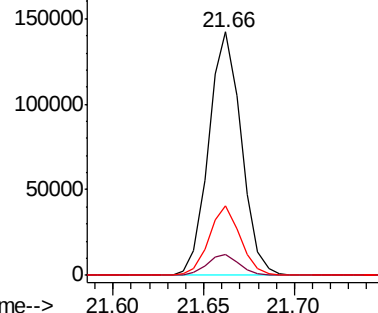
236 28.6 20.0 30.0



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

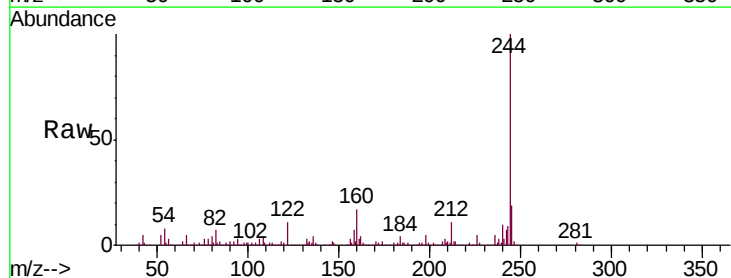
Tgt Ion:244 Resp: 310166

Ion Ratio Lower Upper

244 100

212 10.7 4.9 7.3#

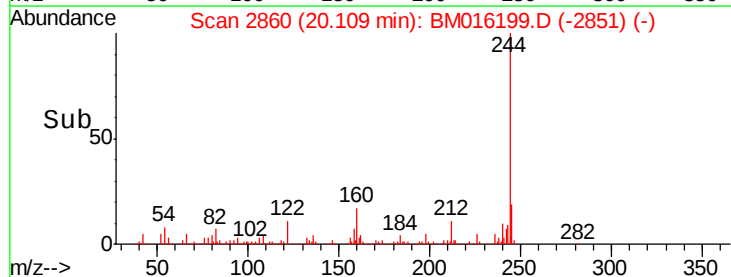
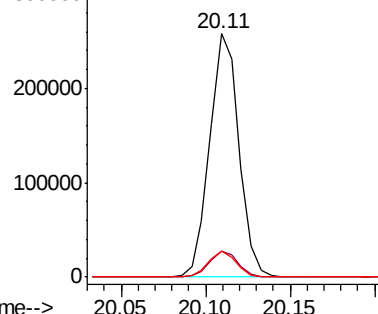
122 10.7 6.2 9.4#

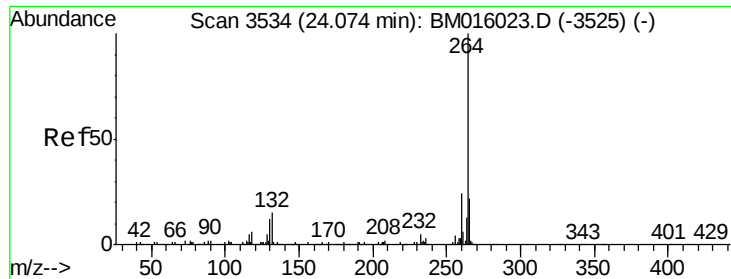


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	27.8
265	21.4	17.3	25.9

