

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016200.D
 Acq On : 06 Aug 2018 20:34
 Operator : SJ/JU
 Sample : J4333-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

Quant Time: Aug 07 00:54:21 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

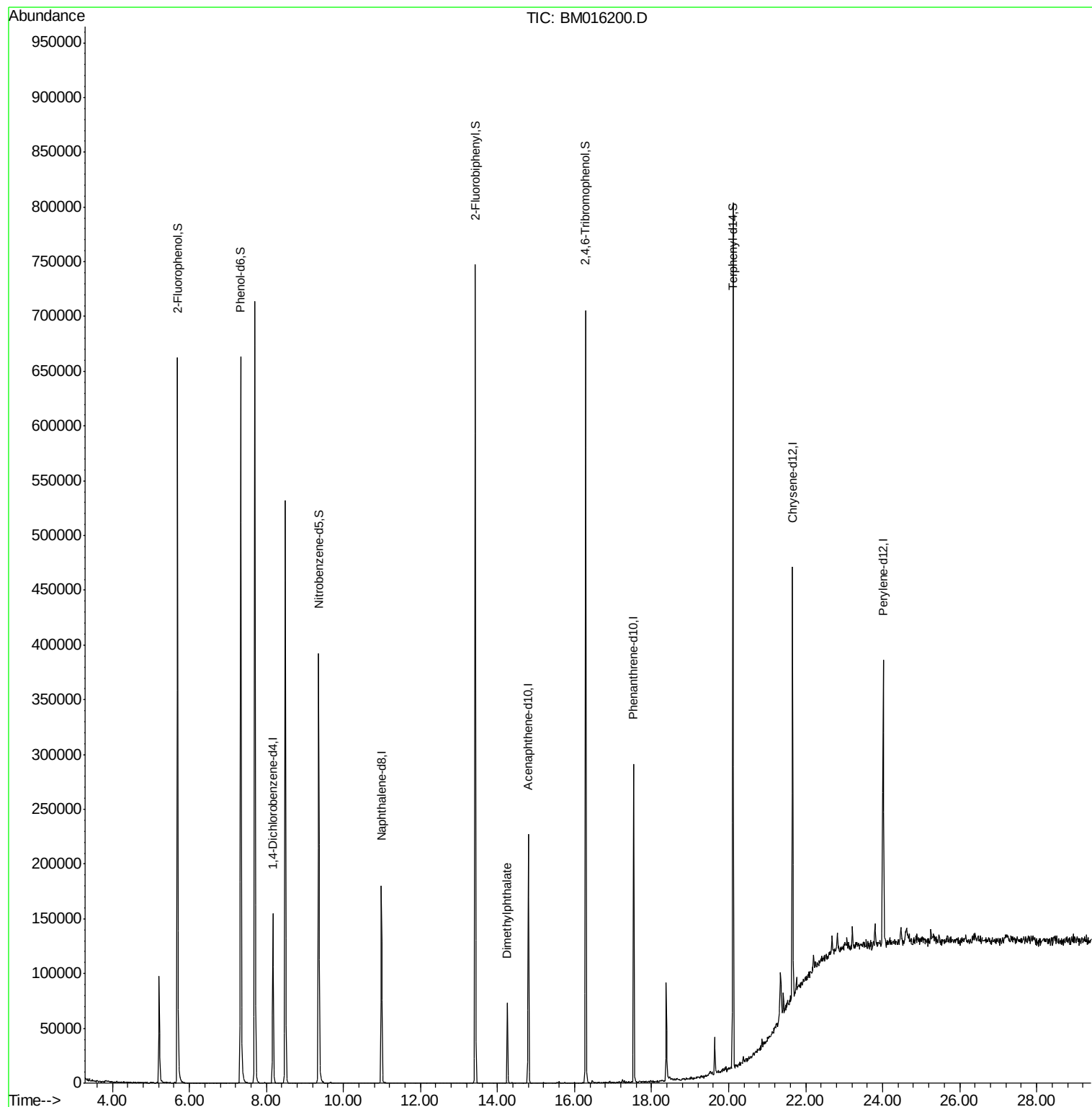
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	32295	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	124663	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	65274	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	138391	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	154683	20.00	ng	-0.04
86) Perylene-d12	24.02	264	159914	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	215593	110.89	ng	-0.05
7) Phenol-d6	7.33	99	265093	104.41	ng	-0.05
23) Nitrobenzene-d5	9.36	82	194801	72.68	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	68343	82.55	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	286887	53.48	ng	-0.06
78) Terphenyl-d14	20.11	244	248800	33.67	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.26	163	40516	7.093	ng	Qvalue # 97

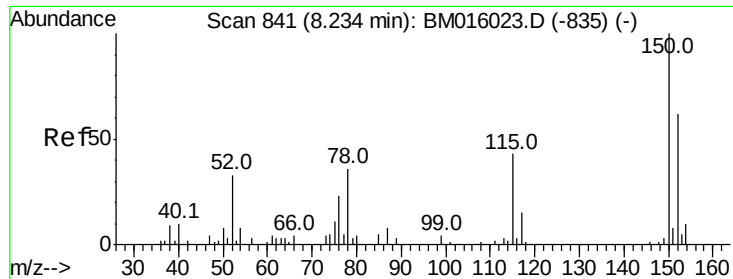
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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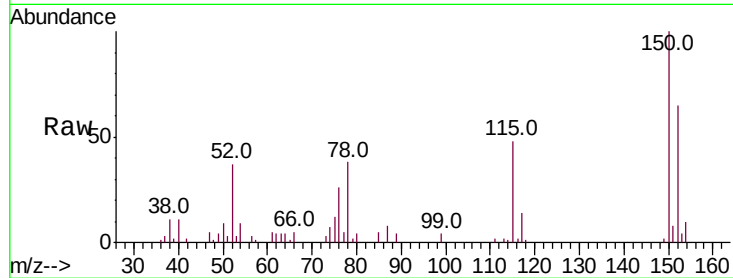


#1

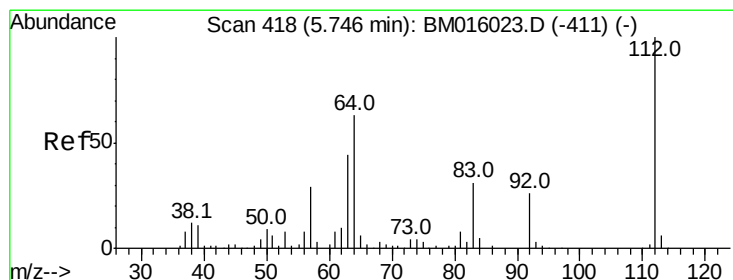
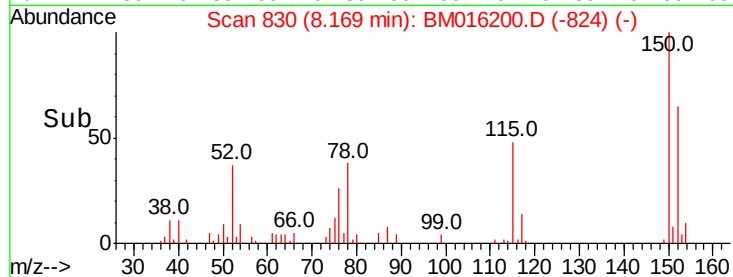
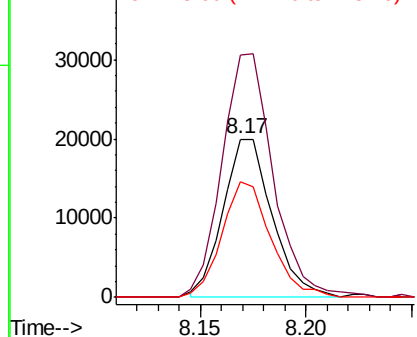
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.07 min
Lab File: BM016200.D
Acq: 06 Aug 2018 20:34

Instrument :
BNA_M
ClientSampleId :
SOIL-3

Tot Ion:152 Resp: 32295
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 72.8 43.0 64.4#



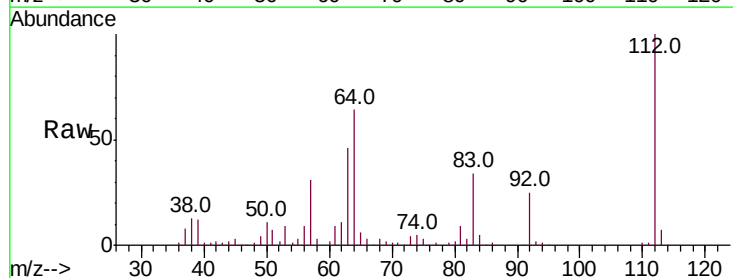
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



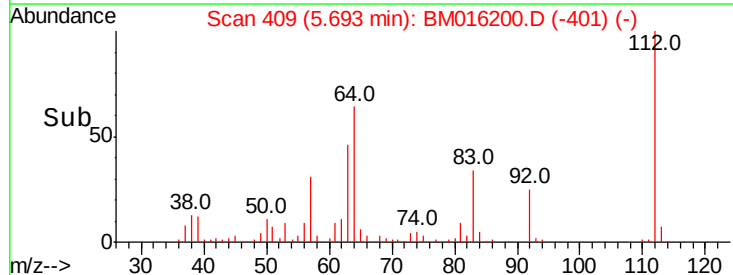
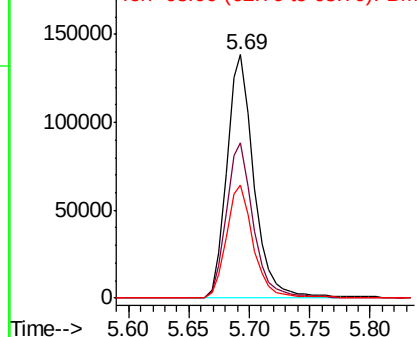
#5

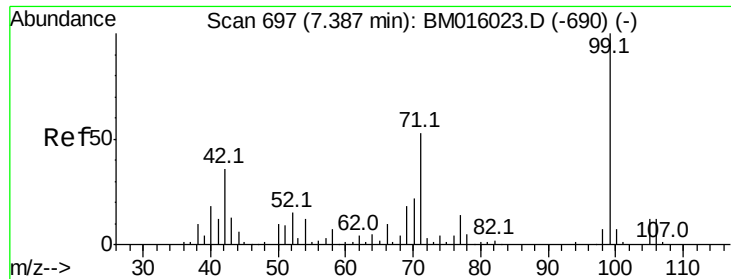
2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. -0.05 min
Lab File: BM016200.D
Acq: 06 Aug 2018 20:34

Tgt Ion:112 Resp: 215593
Ion Ratio Lower Upper
112 100
64 63.6 38.6 57.8#
63 46.2 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: BM016200.D

Acq: 06 Aug 2018 20:34

Instrument :

BNA_M

ClientSampled :

SOIL-3

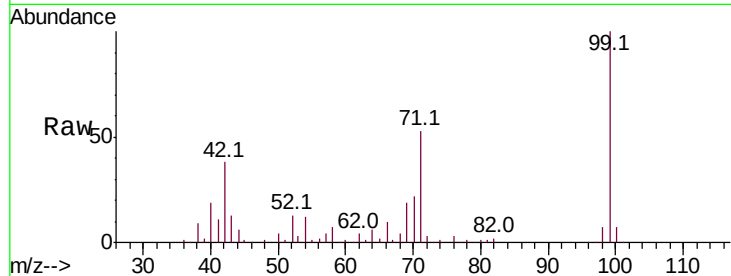
Tot Ion: 99 Resp: 265093

Ion Ratio Lower Upper

99 100

42 37.7 11.0 16.4#

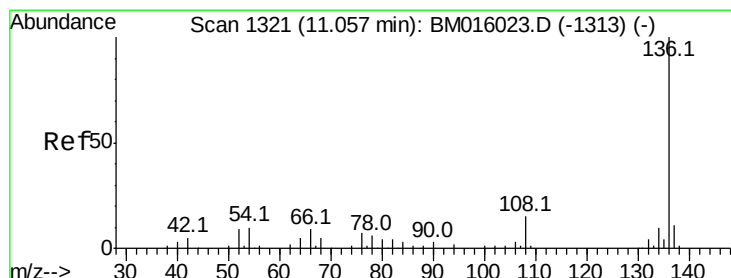
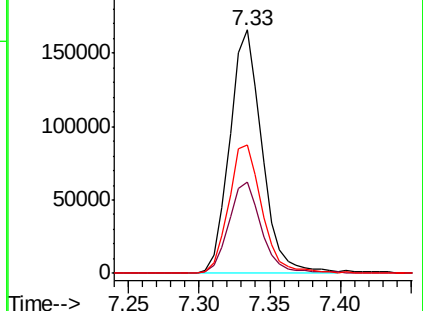
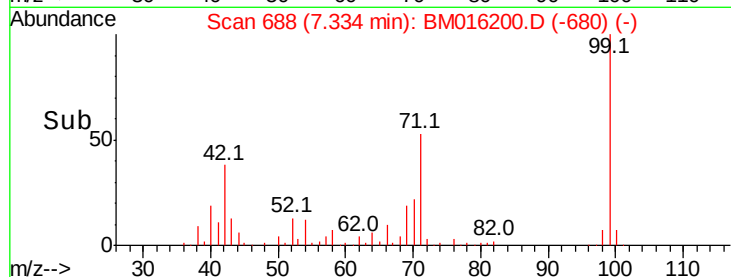
71 52.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016200.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016200.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016200.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016200.D

Acq: 06 Aug 2018 20:34

Tgt Ion: 136 Resp: 124663

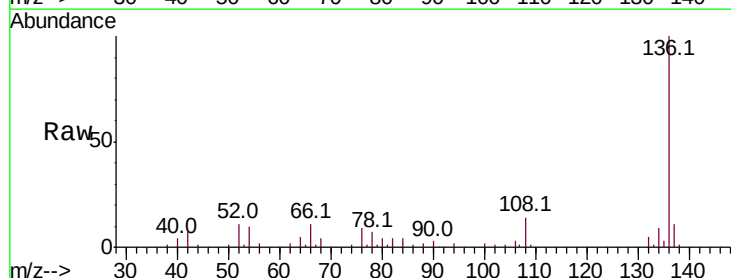
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.2 4.6 6.8#

68 4.3 3.7 5.5

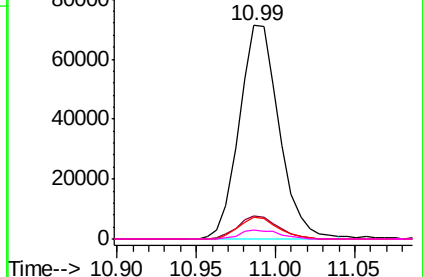
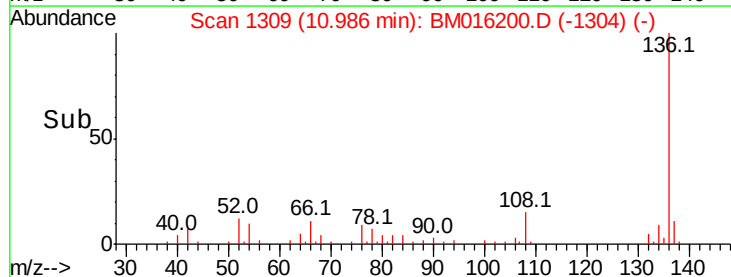


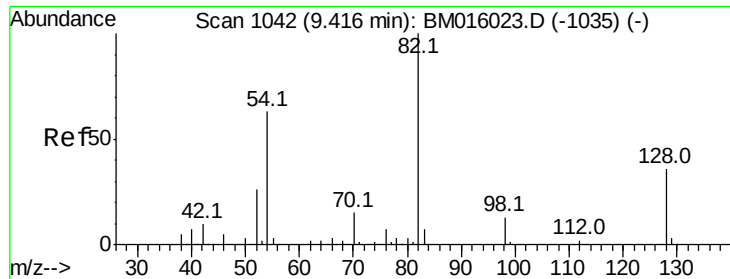
Abundance Ion 136.00 (135.70 to 136.70): BM016200.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016200.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016200.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016200.D (-1304) (-)

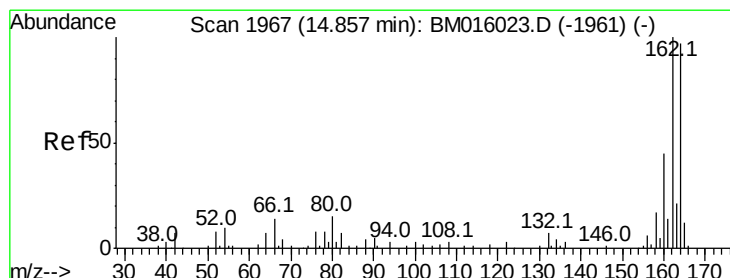
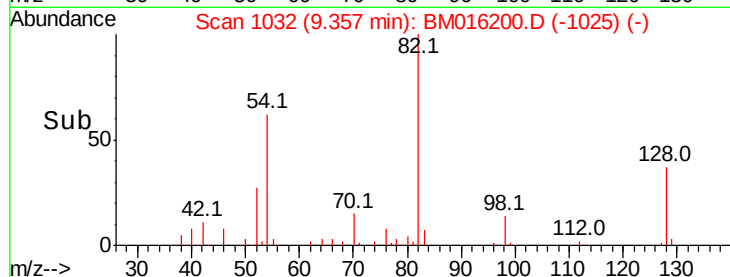
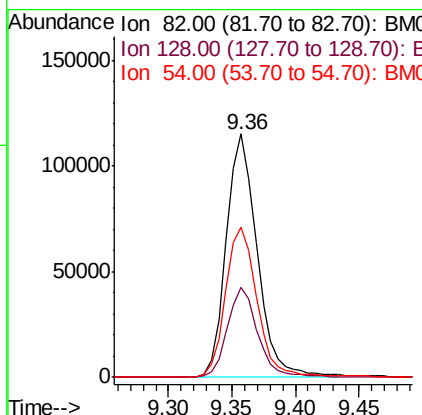
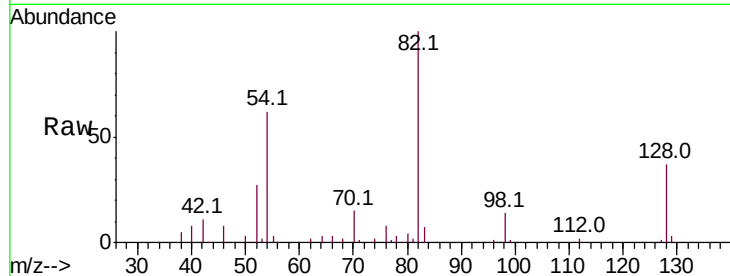




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.36 min Scan# 1032
Delta R.T. -0.06 min
Lab File: BM016200.D
Acq: 06 Aug 2018 20:34

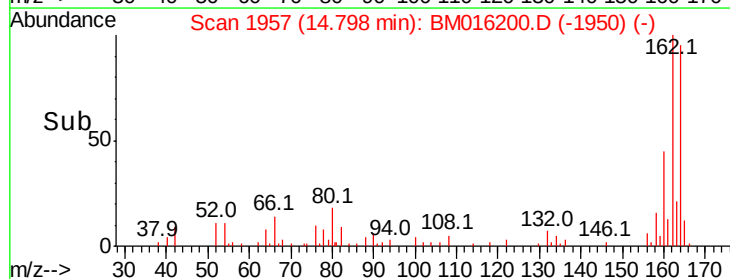
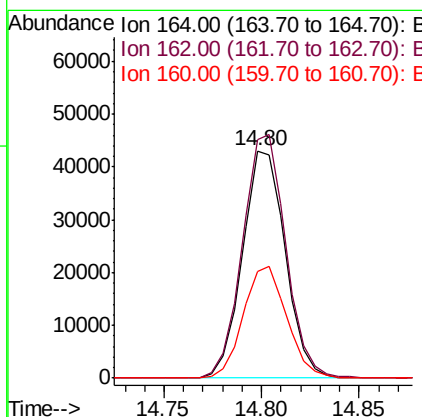
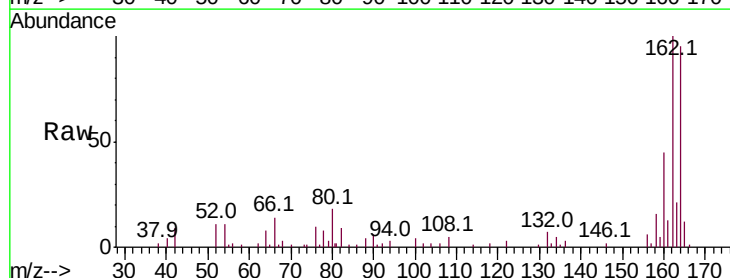
Instrument :
BNA_M
ClientSampleId :
SOIL-3

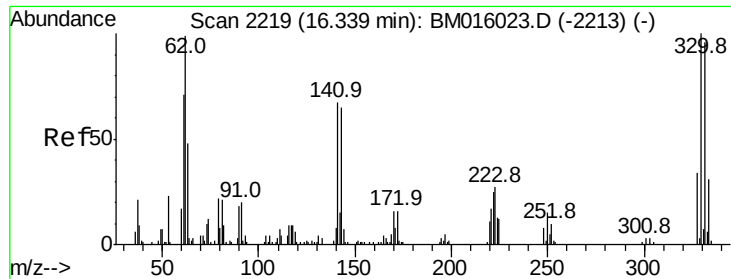
Tot Ion	82	Resp	194801
Ion Ratio	100	Lower	Upper
128	36.8	32.8	49.2
54	61.9	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BM016200.D
Acq: 06 Aug 2018 20:34

Tgt Ion	164	Resp	65274
Ion Ratio	100	Lower	Upper
162	104.9	82.4	123.6
160	47.1	35.8	53.6

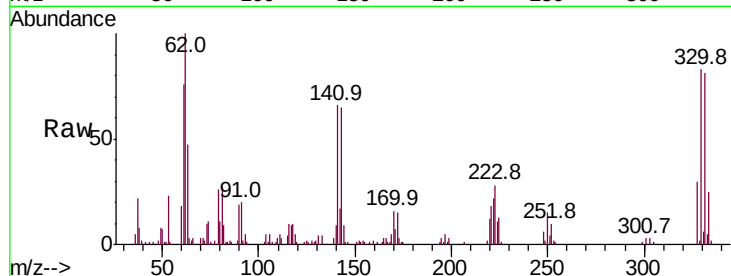




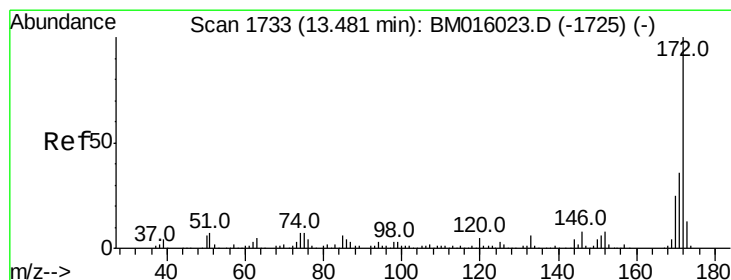
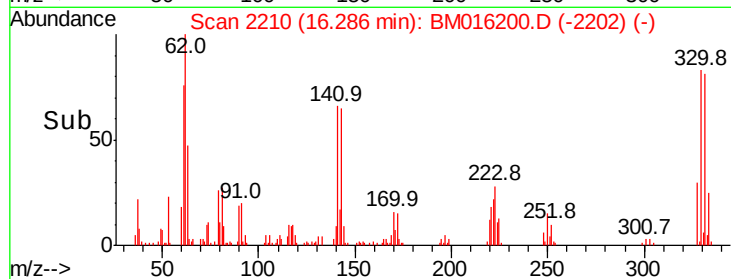
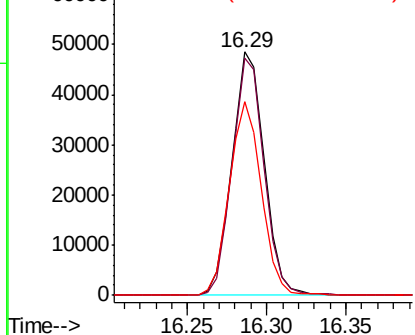
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016200.D
 Acq: 06 Aug 2018 20:34

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

Tot Ion:330 Resp: 68343
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 78.8 0.0 0.0#

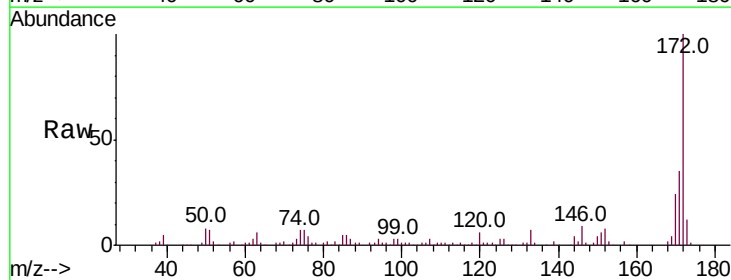


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

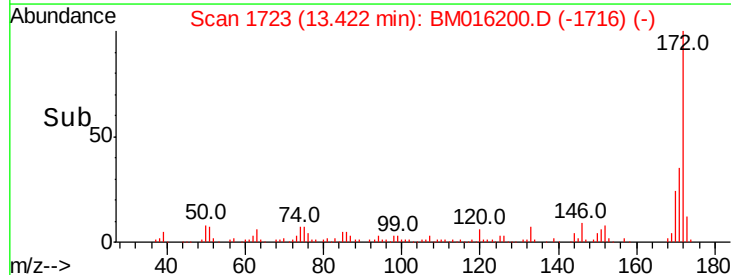
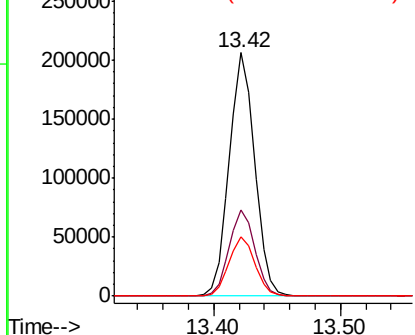


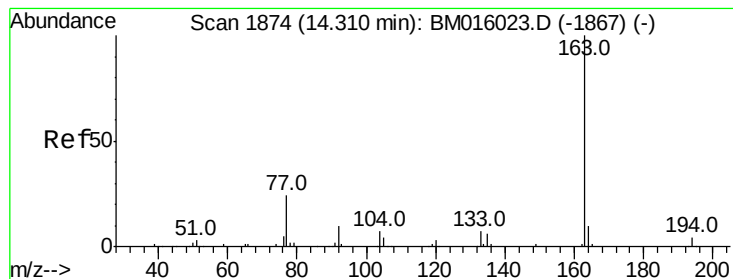
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016200.D
 Acq: 06 Aug 2018 20:34

Tgt Ion:172 Resp: 286887
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.4 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: 7.093 ng

RT: 14.26 min Scan# 1865

Delta R.T. -0.05 min

Lab File: BM016200.D

Acq: 06 Aug 2018 20:34

Instrument :

BNA_M

ClientSampleId :

SOIL-3

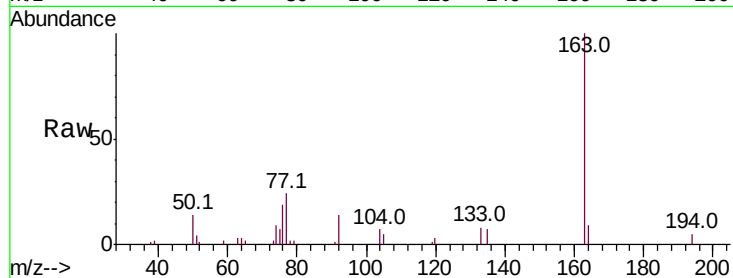
Tot Ion:163 Resp: 40516

Ion Ratio Lower Upper

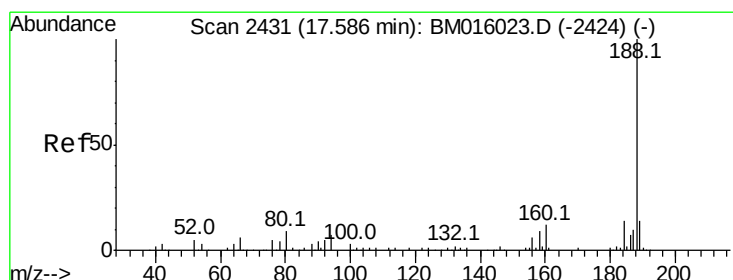
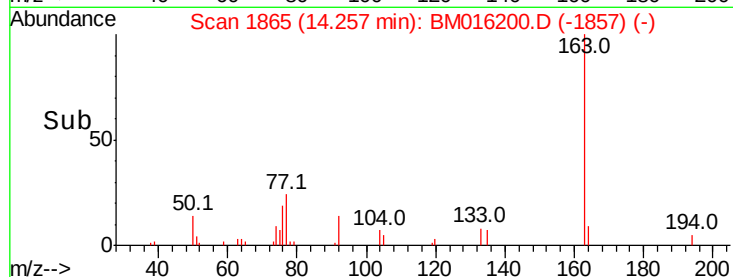
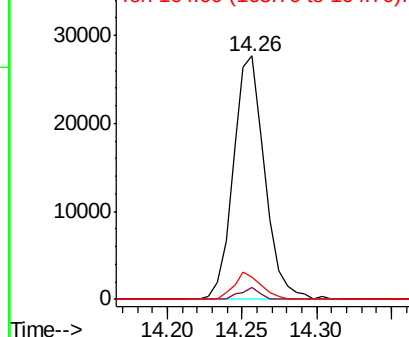
163 100

194 5.2 2.7 4.1#

164 9.3 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: BM016200.D

Acq: 06 Aug 2018 20:34

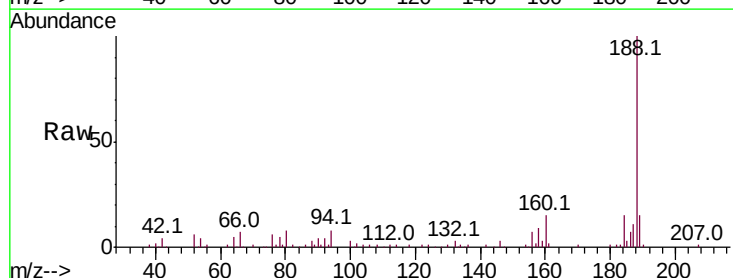
Tgt Ion:188 Resp: 138391

Ion Ratio Lower Upper

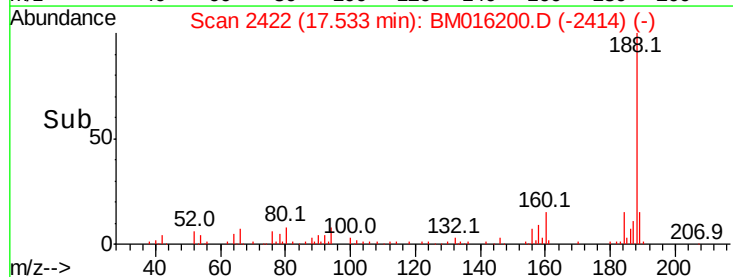
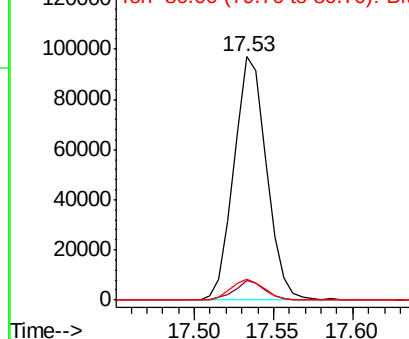
188 100

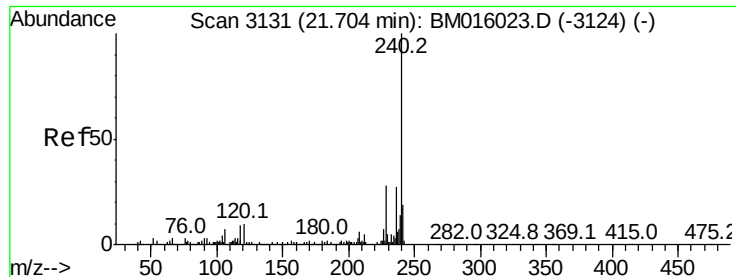
94 8.0 8.7 13.1#

80 8.3 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: BM016200.D

Acq: 06 Aug 2018 20:34

Instrument :

BNA_M

ClientSampleId :

SOIL-3

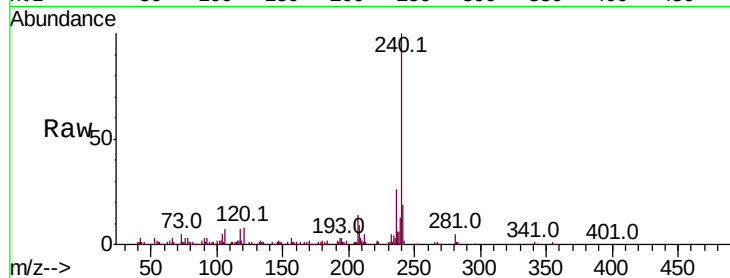
Tot Ion:240 Resp: 154683

Ion Ratio Lower Upper

240 100

120 7.6 8.2 12.2#

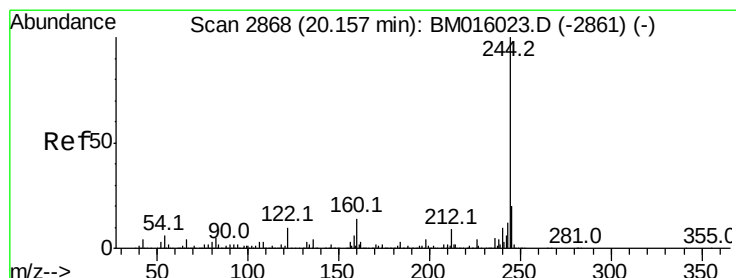
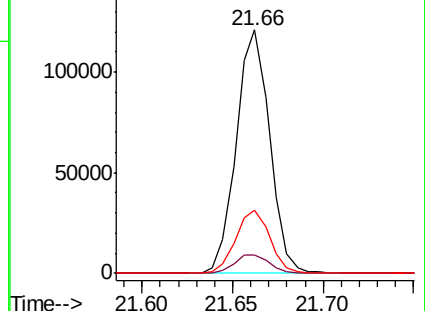
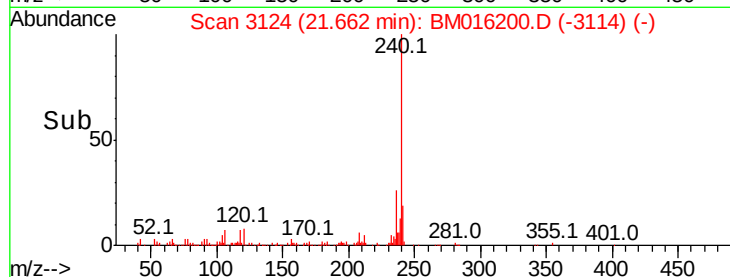
236 26.1 20.0 30.0



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: BM016200.D

Acq: 06 Aug 2018 20:34

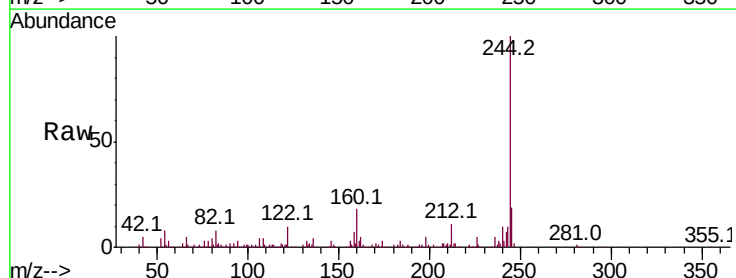
Tgt Ion:244 Resp: 248800

Ion Ratio Lower Upper

244 100

212 10.7 4.9 7.3#

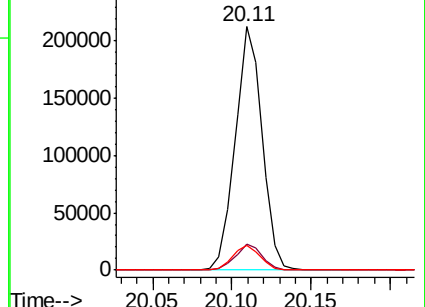
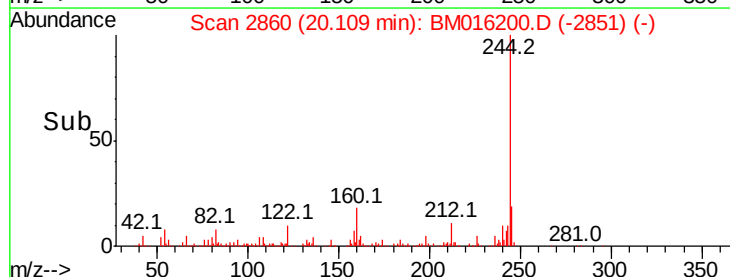
122 10.2 6.2 9.4#

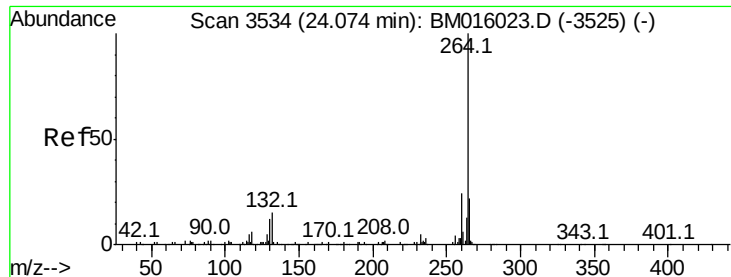


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

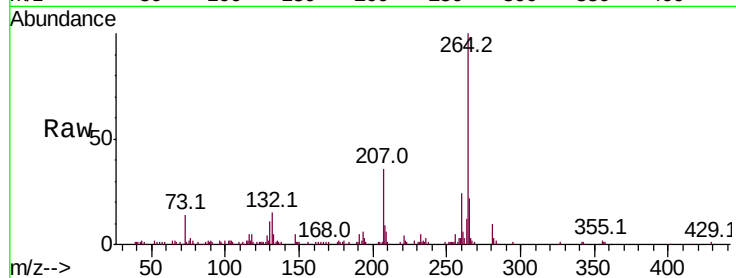




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.02 min Scan# 3524
Delta R.T. -0.06 min
Lab File: BM016200.D
Acq: 06 Aug 2018 20:34

Instrument :
BNA_M
ClientSampleId :
SOIL-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.3	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

