

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080618\
 Data File : BM016201.D
 Acq On : 06 Aug 2018 21:10
 Operator : SJ/JU
 Sample : J4333-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-4

Quant Time: Aug 07 00:54:30 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

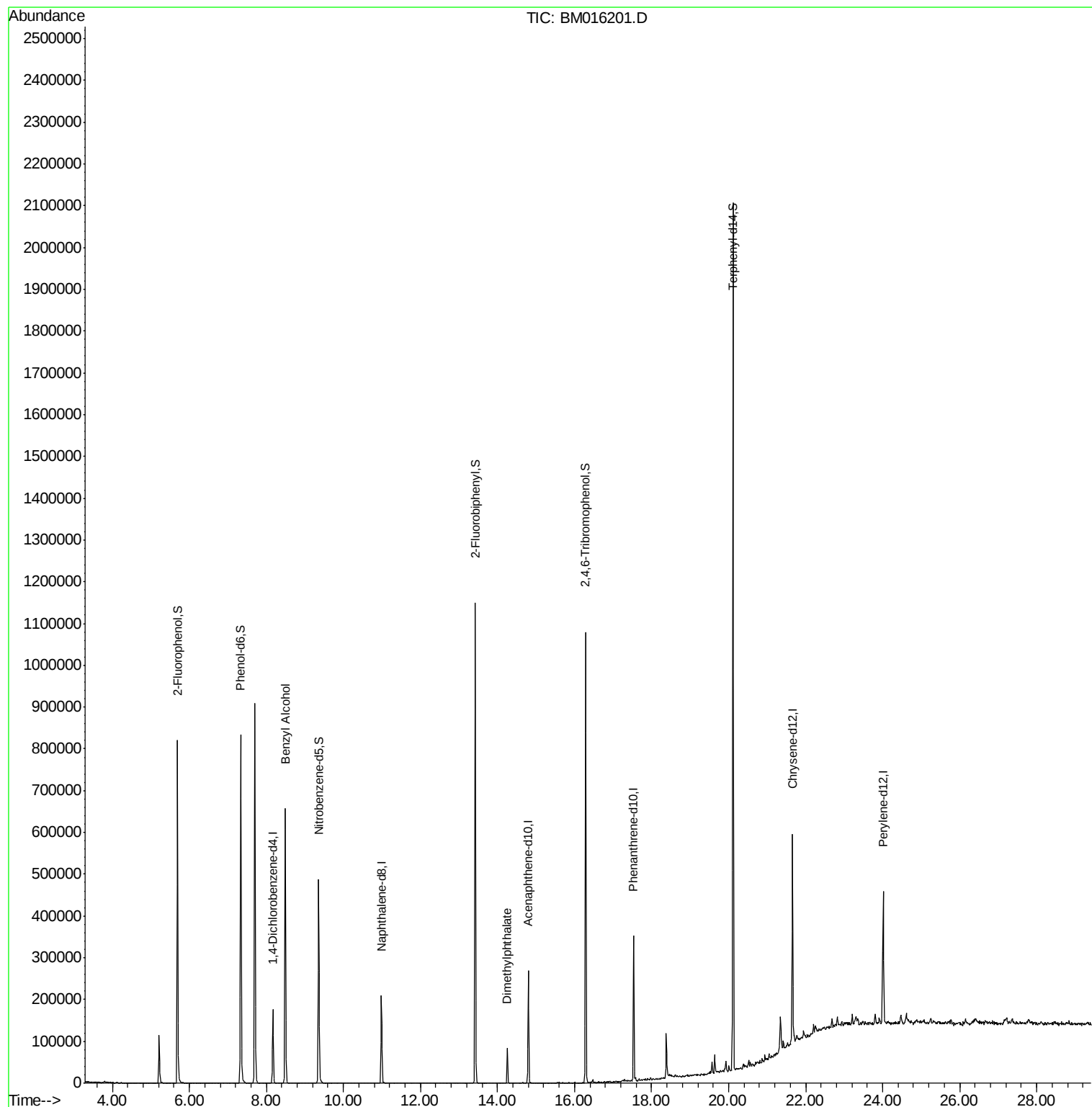
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	37447	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	144384	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	73494	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	162968	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	185488	20.00	ng	-0.04
86) Perylene-d12	24.01	264	193215	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	263778	117.01	ng	-0.05
7) Phenol-d6	7.33	99	326476	110.89	ng	-0.05
23) Nitrobenzene-d5	9.36	82	239869	77.27	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	100960	108.31	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	438049	72.52	ng	-0.06
78) Terphenyl-d14	20.12	244	698943	78.88	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	8.49	79	4737	2.021	ng	Qvalue
49) Dimethylphthalate	14.25	163	45688	7.103	ng	# 39

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

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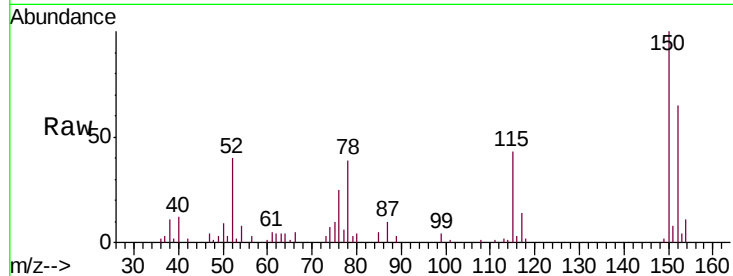


#1

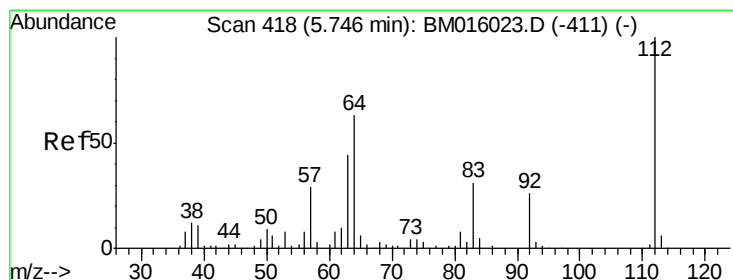
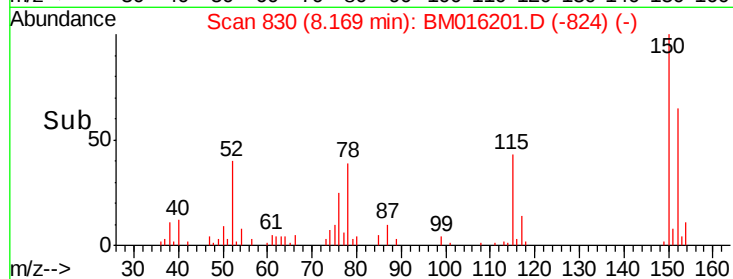
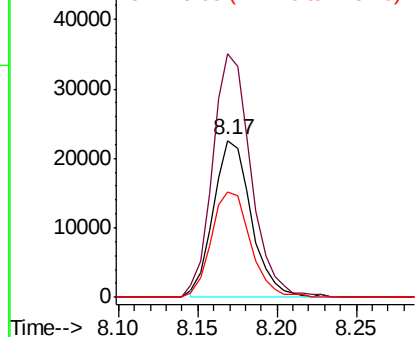
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.06 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

Instrument :
BNA_M
ClientSampled :
SOIL-4

Tgt Ion:152 Resp: 37447
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 67.4 43.0 64.4#



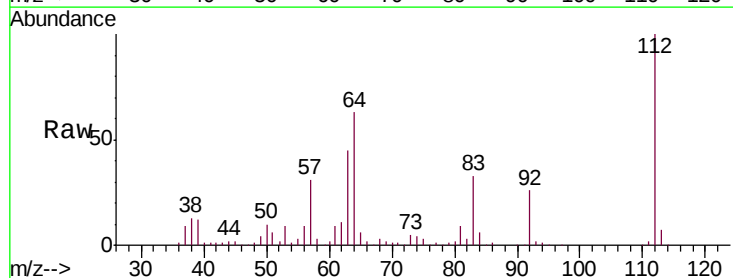
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



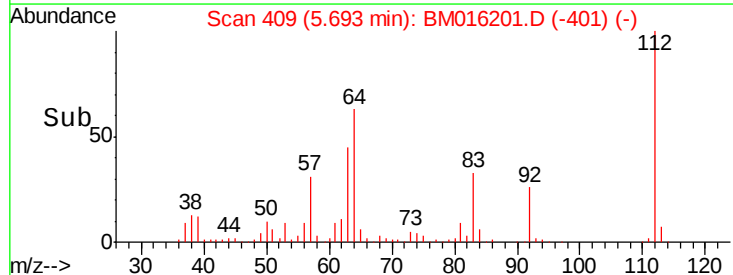
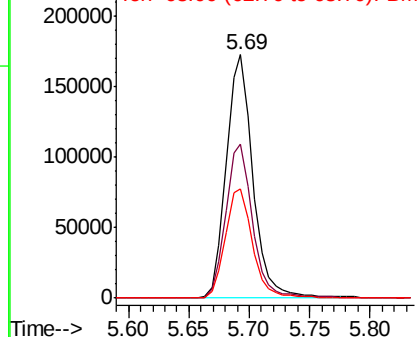
#5

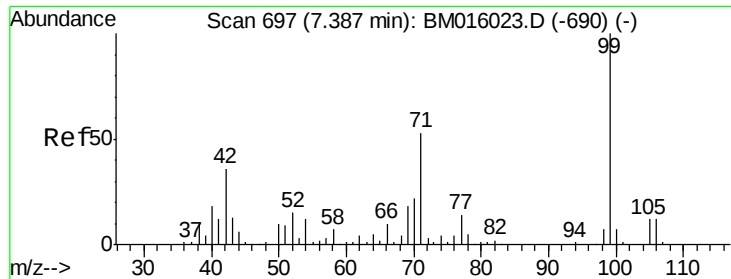
2-Fluorophenol
Concen: Below ng
RT: 5.69 min Scan# 409
Delta R.T. -0.05 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

Tgt Ion:112 Resp: 263778
Ion Ratio Lower Upper
112 100
64 63.2 38.6 57.8#
63 44.9 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: BM016201.D

Acq: 06 Aug 2018 21:10

Instrument :

BNA_M

ClientSampled :

SOIL-4

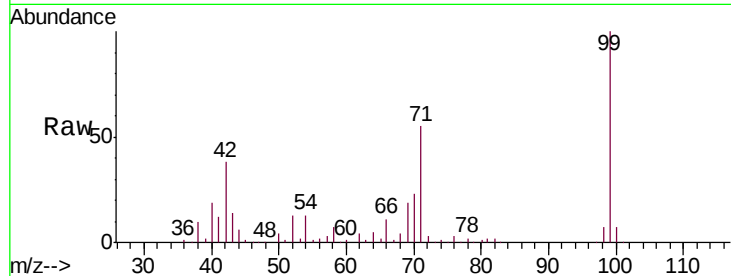
Tgt Ion: 99 Resp: 326476

Ion Ratio Lower Upper

99 100

42 37.5 11.0 16.4#

71 54.7 23.4 35.2#

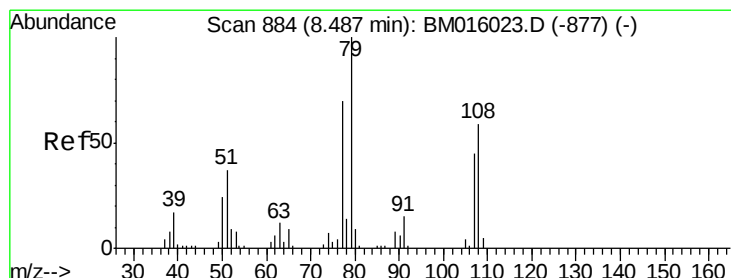
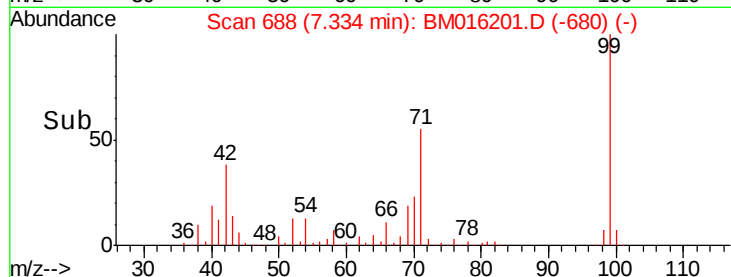
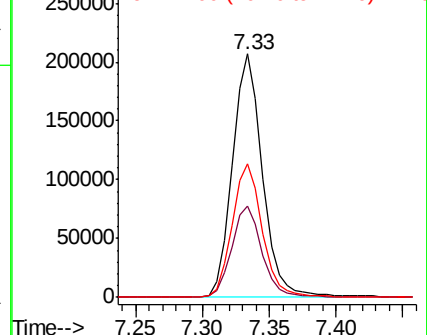


Abundance

Ion 99.00 (98.70 to 99.70): BM016201.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016201.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016201.D (-690) (-)



#15

Benzyl Alcohol

Concen: 2.021 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

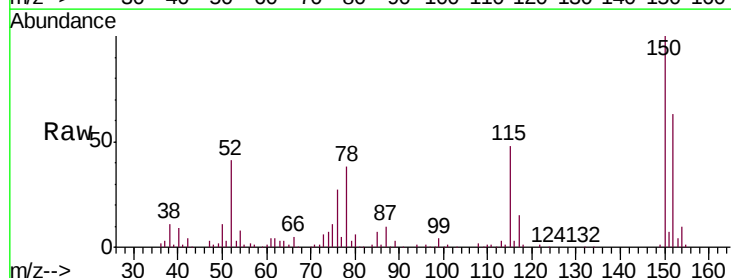
Tgt Ion: 79 Resp: 4737

Ion Ratio Lower Upper

79 100

108 69.4 65.0 97.4

77 161.5 53.0 79.6#

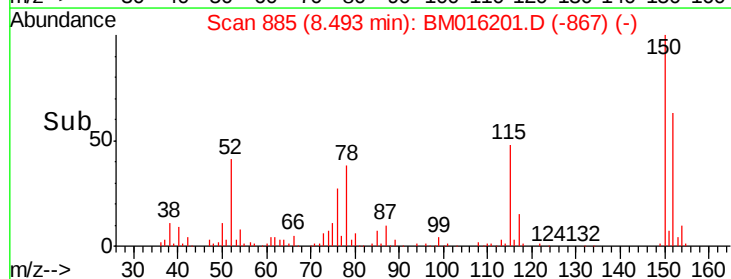
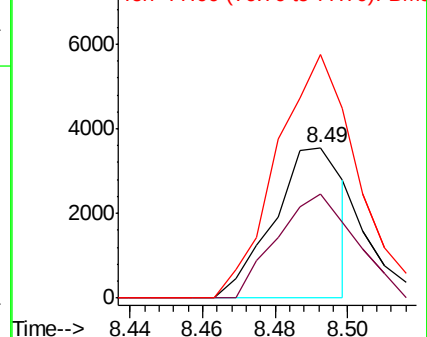


Abundance

Ion 79.00 (78.70 to 79.70): BM016201.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016201.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016201.D (-877) (-)

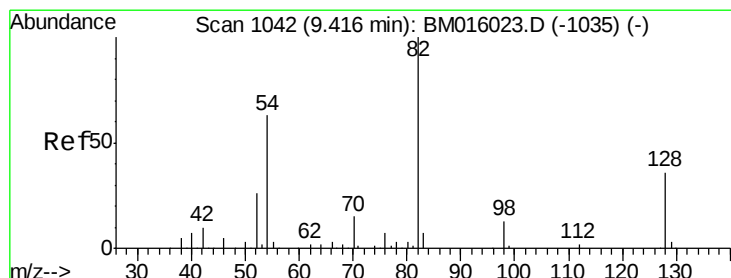
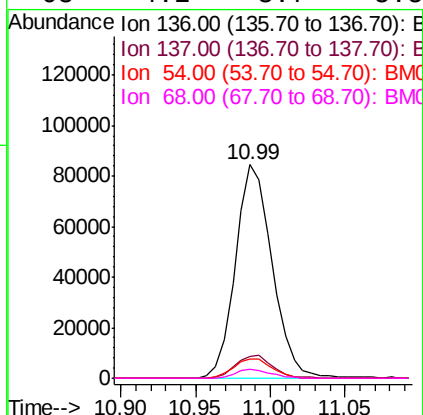
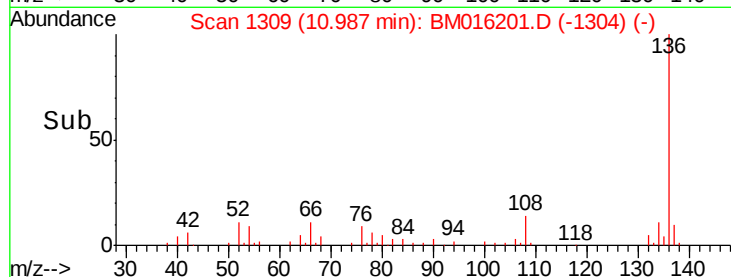
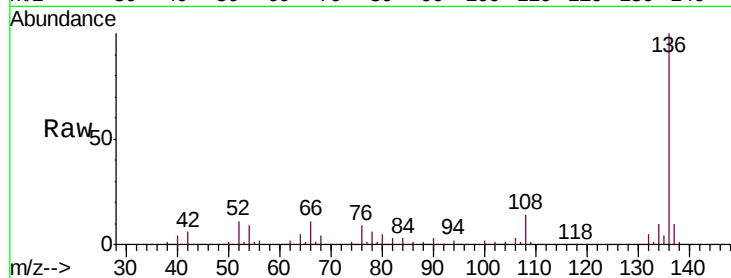




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.07 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

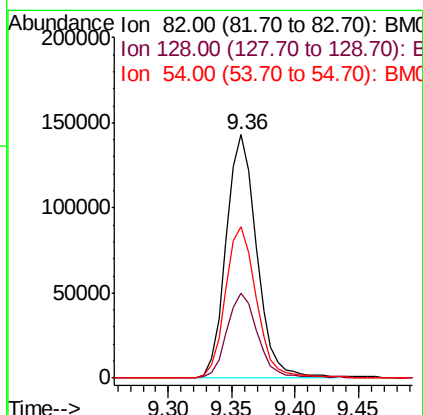
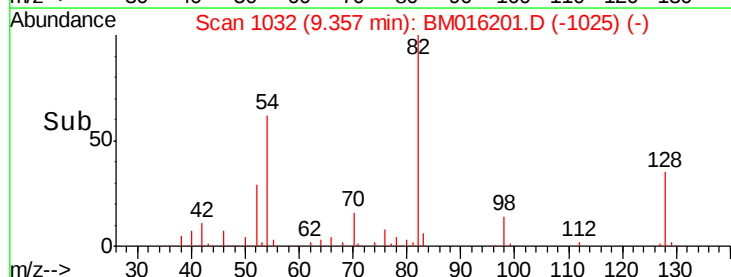
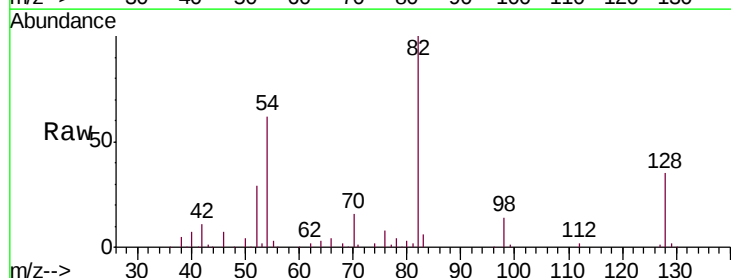
Instrument :
BNA_M
ClientSampleId :
SOIL-4

Tgt Ion:	136	Resp:	144384
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.2	4.6	6.8#
68	4.2	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: BM016201.D
Acq: 06 Aug 2018 21:10

Tgt Ion:	82	Resp:	239869
Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	62.4	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: BM016201.D

Acq: 06 Aug 2018 21:10

Instrument :

BNA_M

ClientSampleId :

SOIL-4

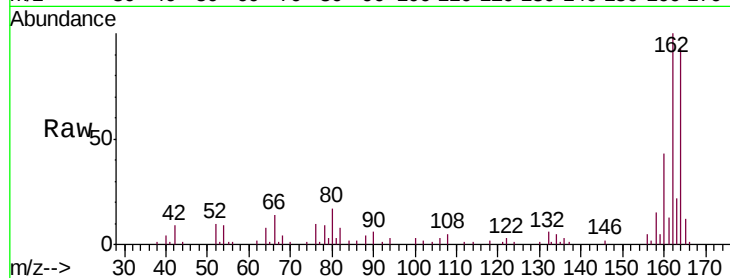
Tgt Ion:164 Resp: 73494

Ion Ratio Lower Upper

164 100

162 107.3 82.4 123.6

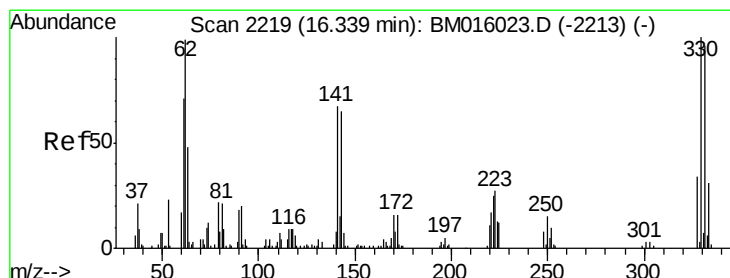
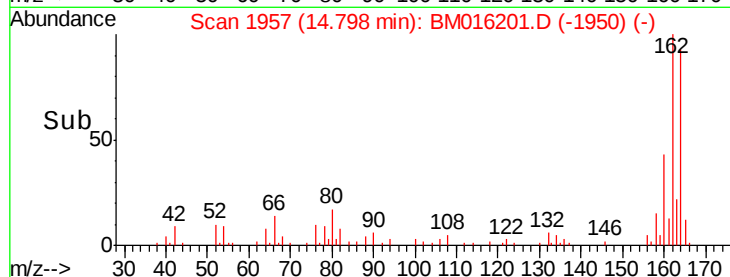
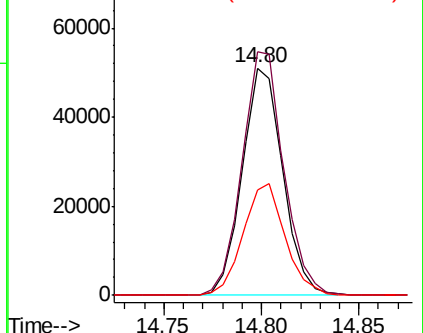
160 46.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.29 min Scan# 2210

Delta R.T. -0.05 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

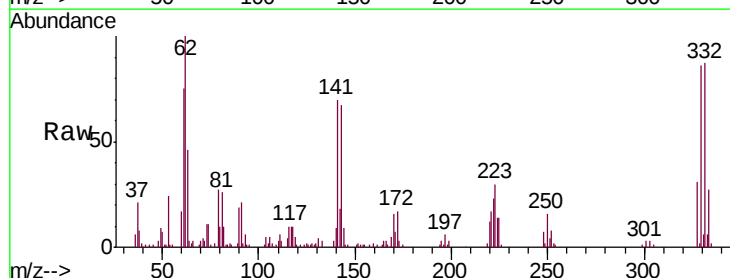
Tgt Ion:330 Resp: 100960

Ion Ratio Lower Upper

330 100

332 97.7 0.0 0.0#

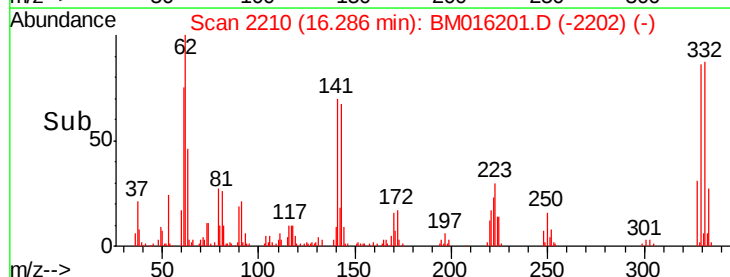
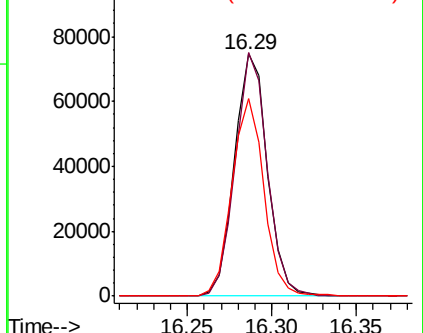
141 79.3 0.0 0.0#



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

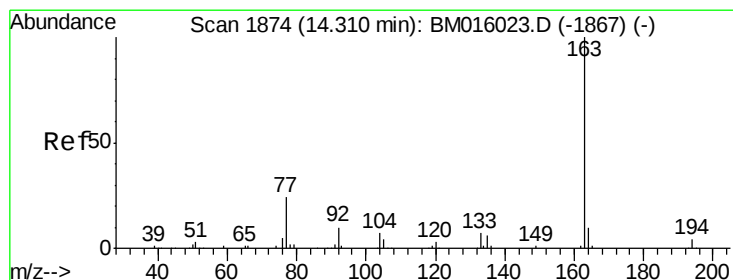
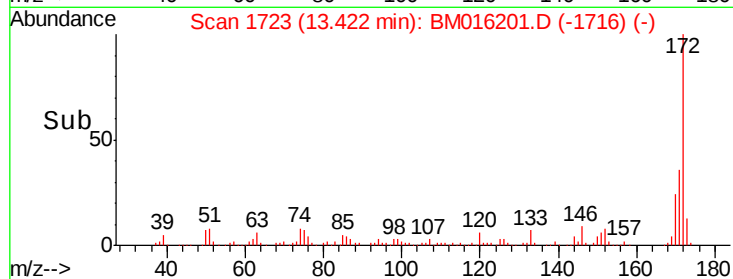
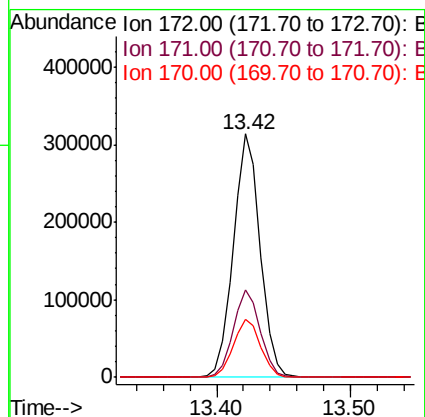
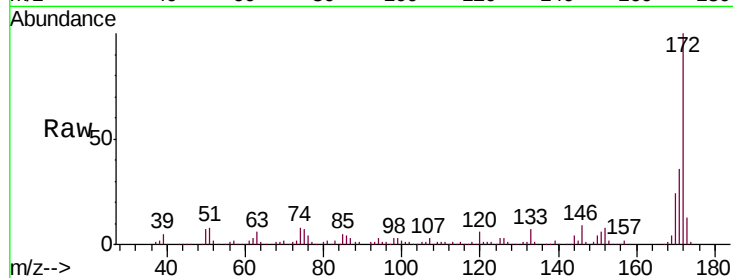




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.42 min Scan# 1723
Delta R.T. -0.06 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

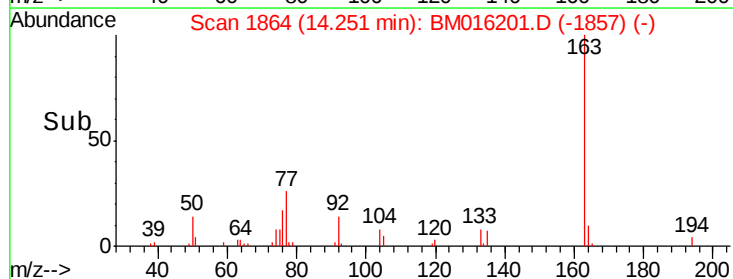
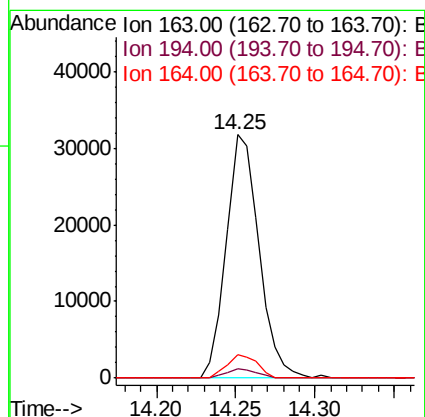
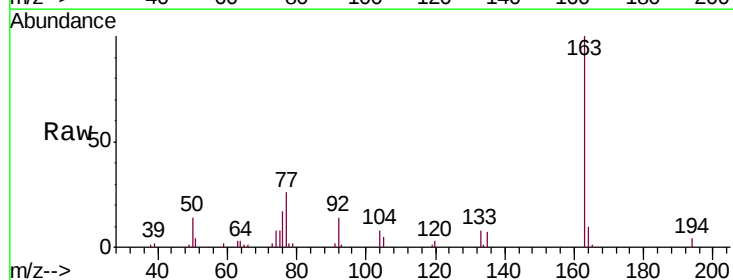
Instrument :
BNA_M
ClientSampleId :
SOIL-4

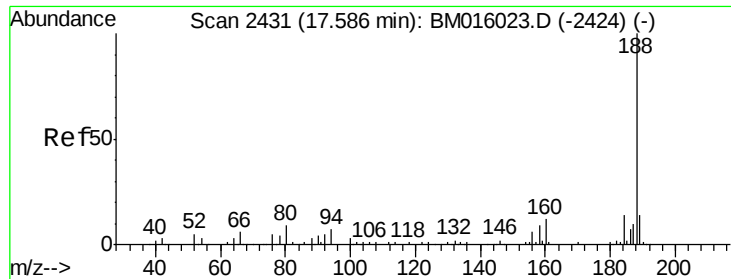
Tgt Ion:172 Resp: 438049
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.1 18.8 28.2



#49
Dimethylphthalate
Concen: 7.103 ng
RT: 14.25 min Scan# 1864
Delta R.T. -0.06 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

Tgt Ion:163 Resp: 45688
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2

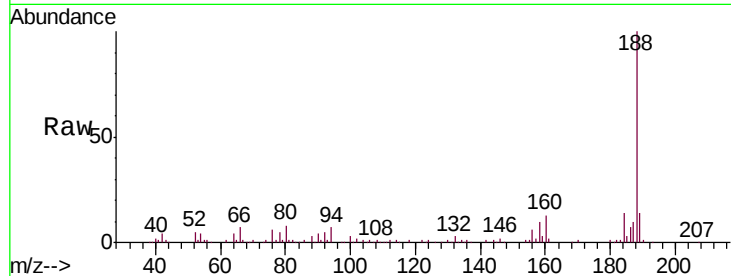




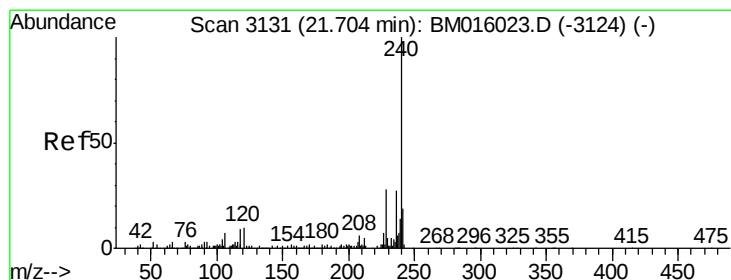
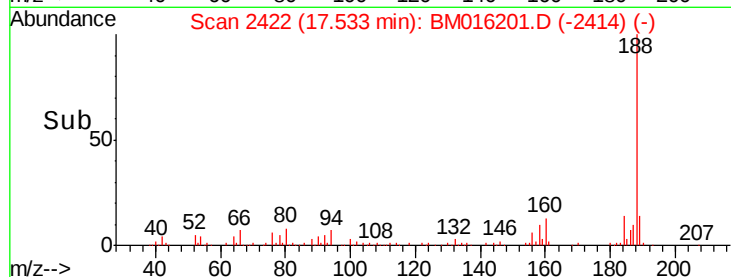
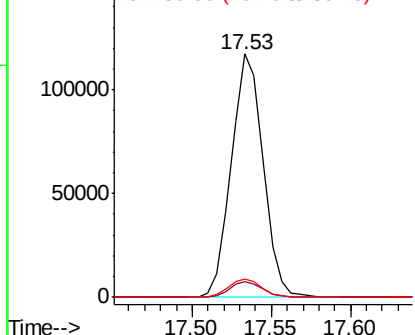
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2422
Delta R.T. -0.05 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

Instrument :
BNA_M
ClientSampleId :
SOIL-4

Tgt Ion:188 Resp: 162968
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.6 9.3 13.9#

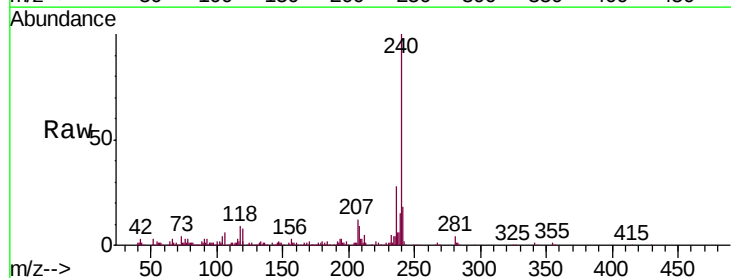


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

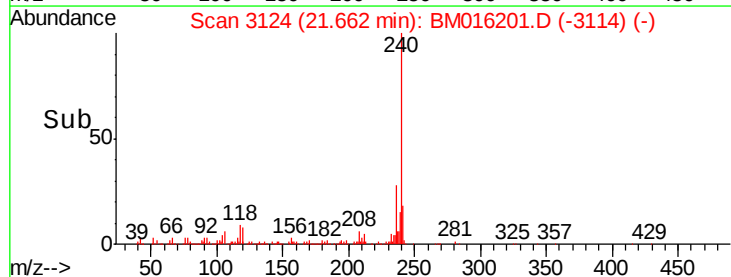
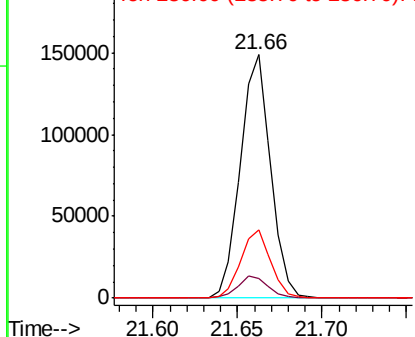


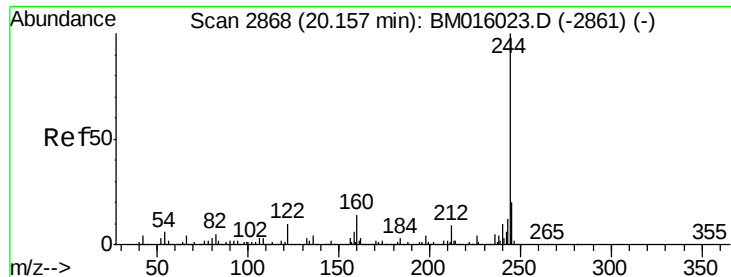
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3124
Delta R.T. -0.04 min
Lab File: BM016201.D
Acq: 06 Aug 2018 21:10

Tgt Ion:240 Resp: 185488
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 28.0 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: 20.12 min Scan# 2861

Delta R.T. -0.04 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

Instrument :

BNA_M

ClientSampleId :

SOIL-4

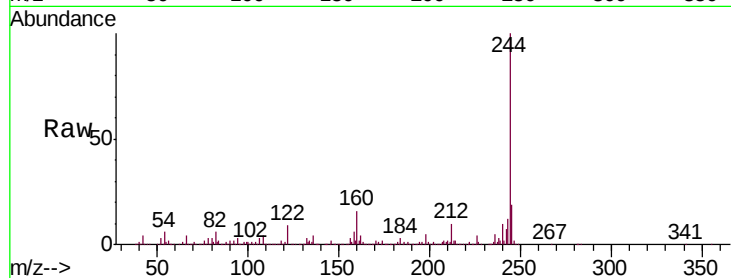
Tgt Ion:244 Resp: 698943

Ion Ratio Lower Upper

244 100

212 10.0 4.9 7.3#

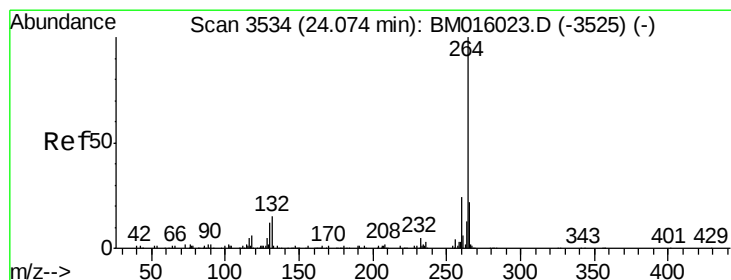
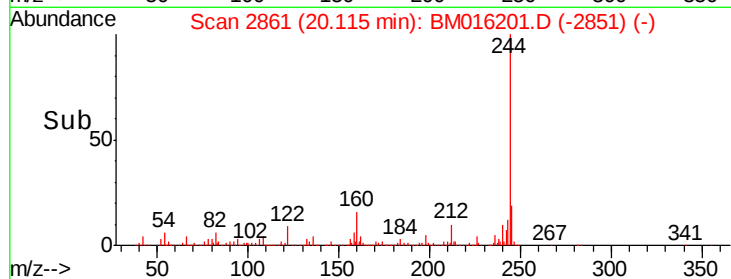
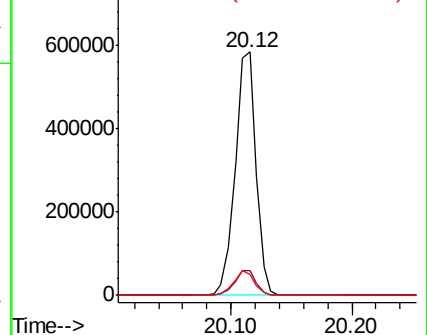
122 8.6 6.2 9.4



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# 3523

Delta R.T. -0.06 min

Lab File: BM016201.D

Acq: 06 Aug 2018 21:10

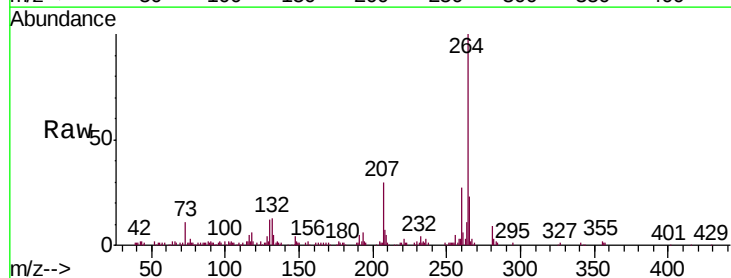
Tgt Ion:264 Resp: 193215

Ion Ratio Lower Upper

264 100

260 26.9 18.6 27.8

265 22.9 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

