

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016351.D
 Acq On : 14 Aug 2018 12:59
 Operator : SJ/JU
 Sample : J4405-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOIL

Quant Time: Aug 15 11:29:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

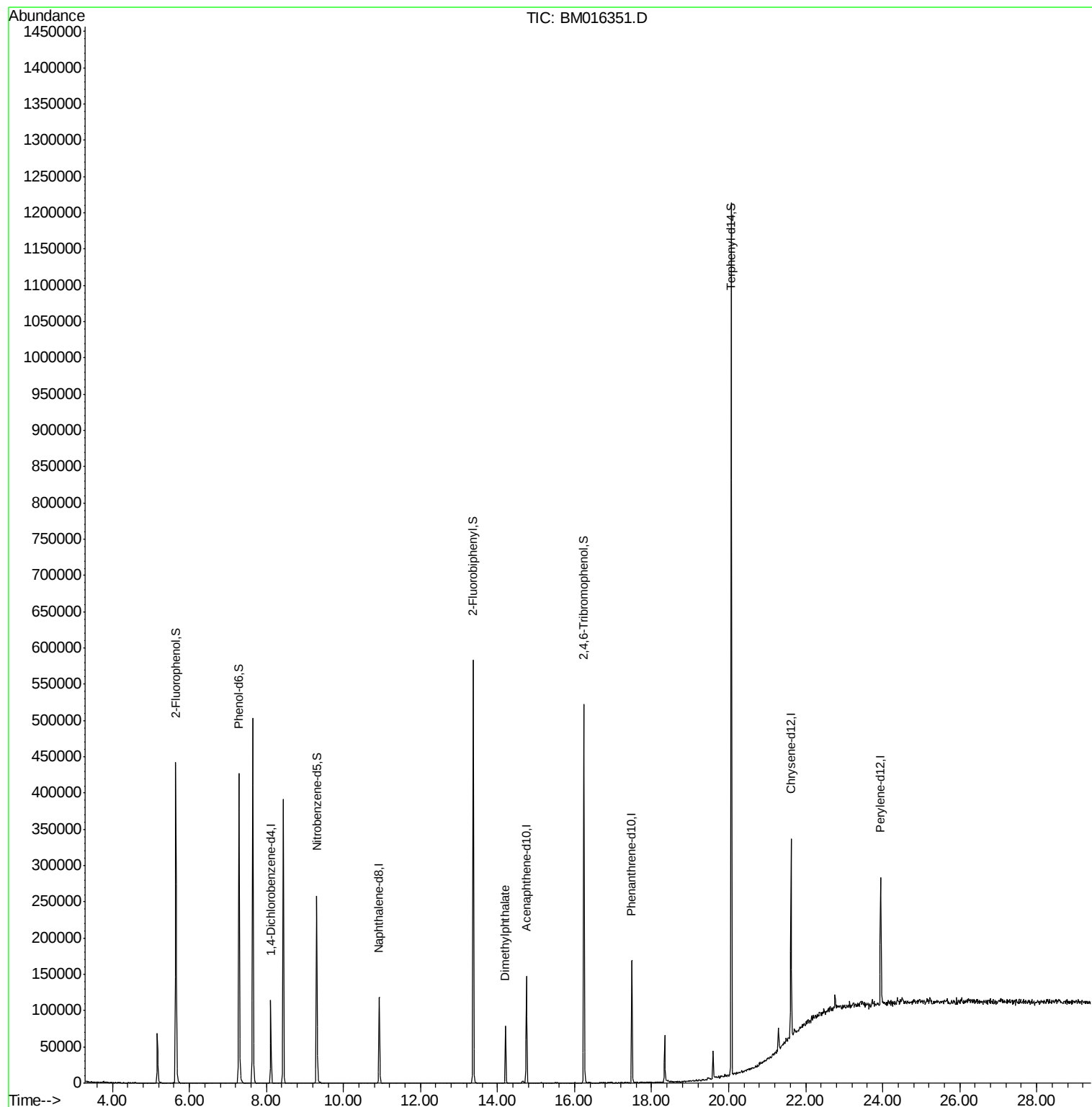
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21861	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	79244	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	40747	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	84837	20.00	ng	0.00
75) Chrysene-d12	21.62	240	102523	20.00	ng	0.00
86) Perylene-d12	23.95	264	111411	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	139497	106.00	ng	0.00
7) Phenol-d6	7.29	99	164065	95.46	ng	0.00
23) Nitrobenzene-d5	9.30	82	125786	73.83	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	47425	91.77	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	225616	67.37	ng	0.00
78) Terphenyl-d14	20.07	244	356272	72.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	41833	11.731	ng	Qvalue # 98

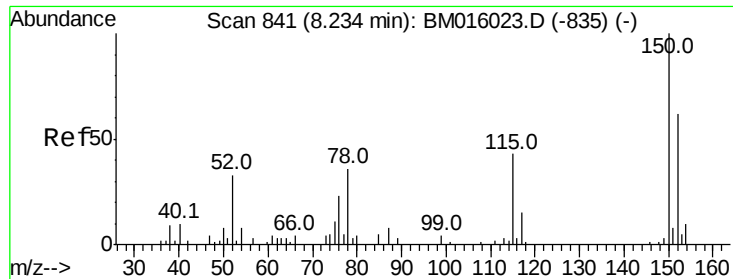
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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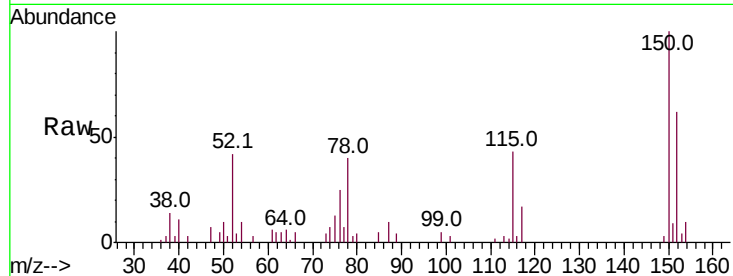


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BM016351.D
 Acq: 14 Aug 2018 12:59

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	119.5	179.3
115	70.3	43.0	64.4

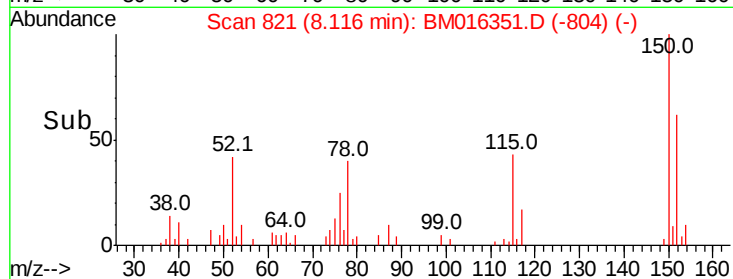
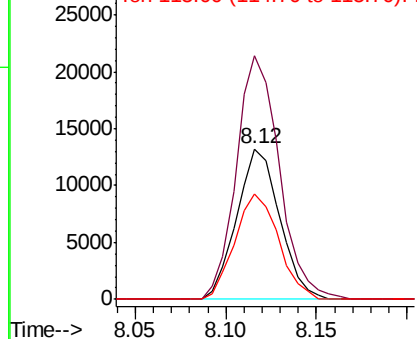


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

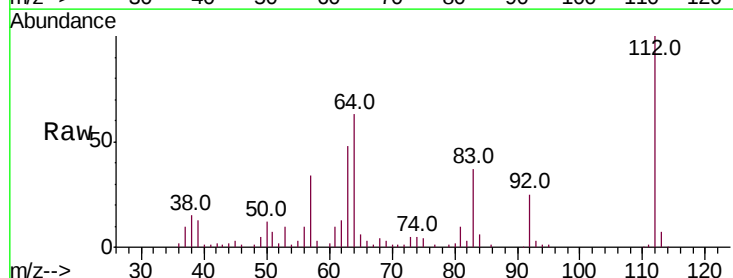
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BM016351.D
 Acq: 14 Aug 2018 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	38.6	57.8
63	48.3	19.3	28.9

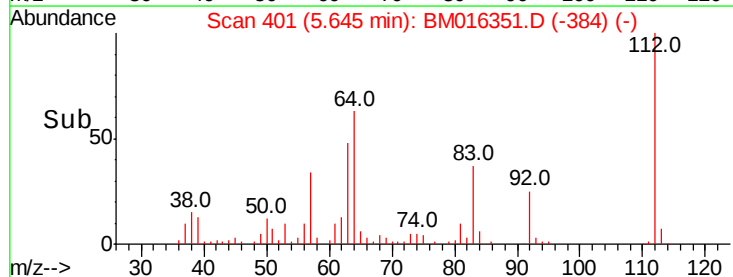
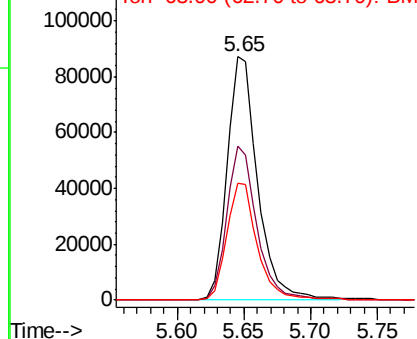


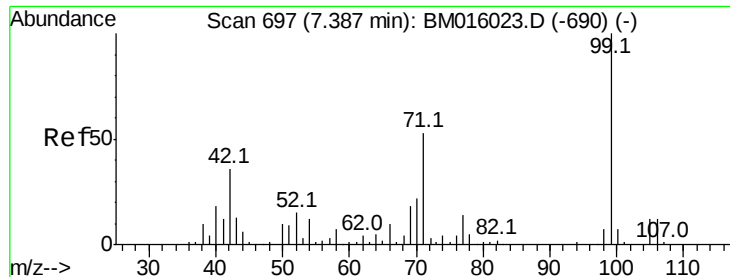
Abundance

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: 7.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM016351.D

Acq: 14 Aug 2018 12:59

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOIL

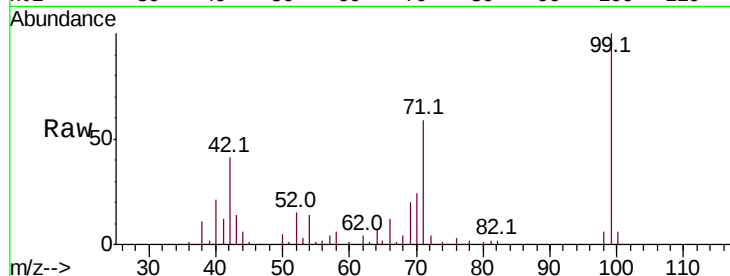
Tot Ion: 99 Resp: 164065

Ion Ratio Lower Upper

99 100

42 41.3 11.0 16.4#

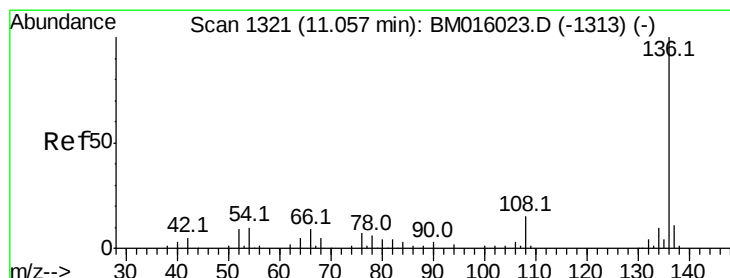
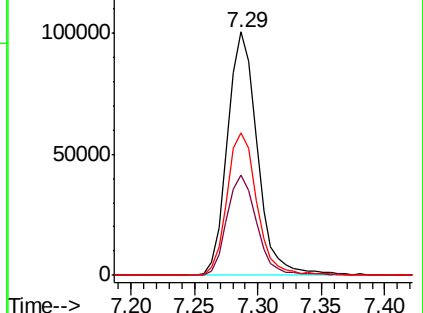
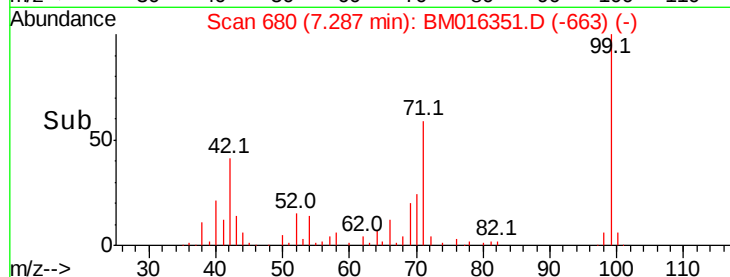
71 58.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016351.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016351.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016351.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BM016351.D

Acq: 14 Aug 2018 12:59

Tgt Ion: 136 Resp: 79244

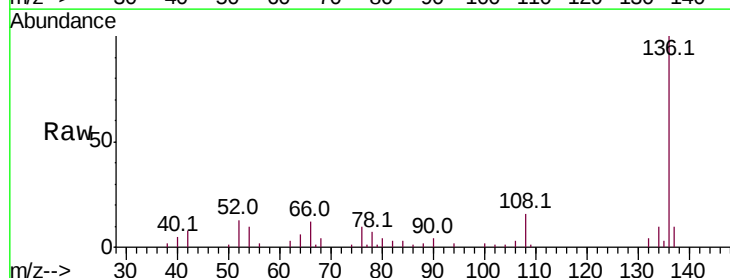
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 10.0 4.6 6.8#

68 3.6 3.7 5.5#

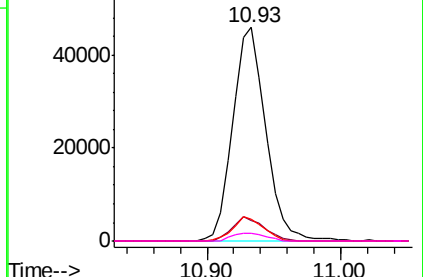
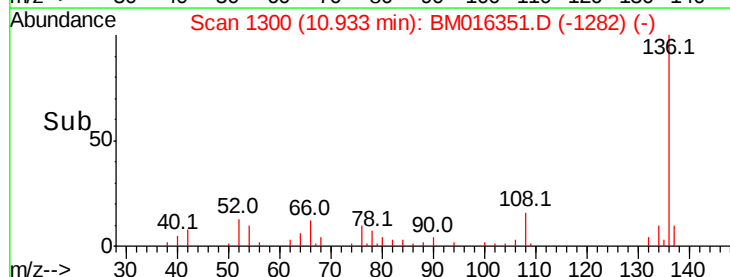


Abundance Ion 136.00 (135.70 to 136.70): BM016351.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016351.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016351.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016351.D (-1282) (-)

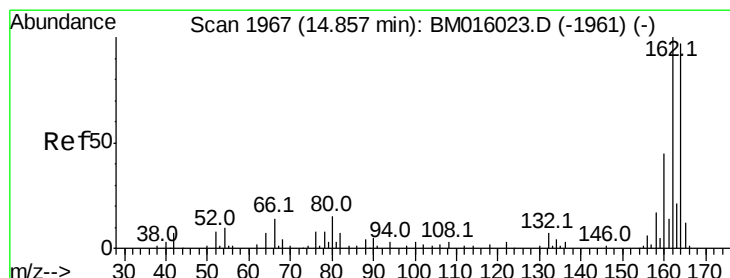
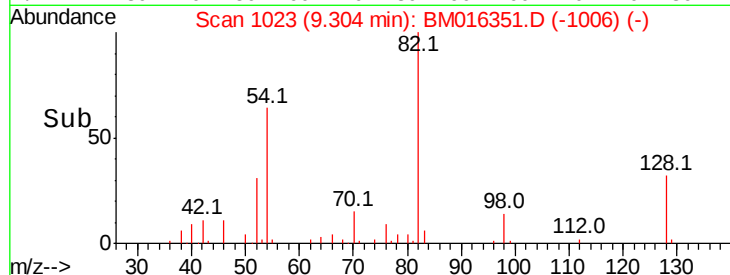
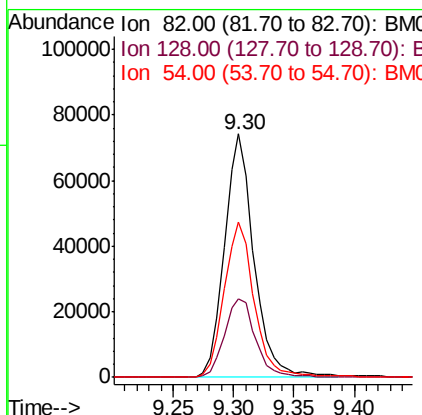
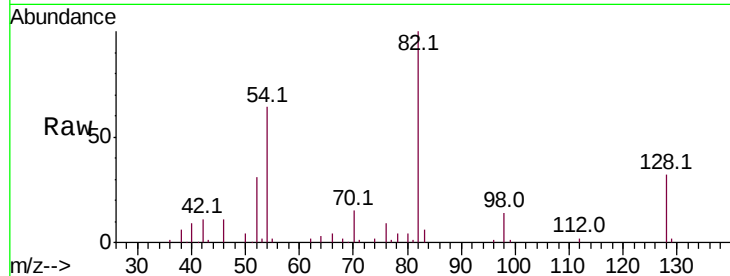




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM016351.D
 Acq: 14 Aug 2018 12:59

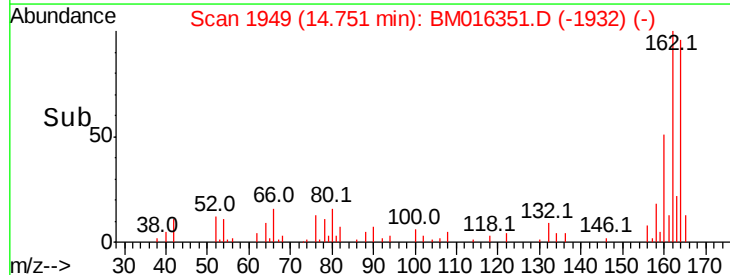
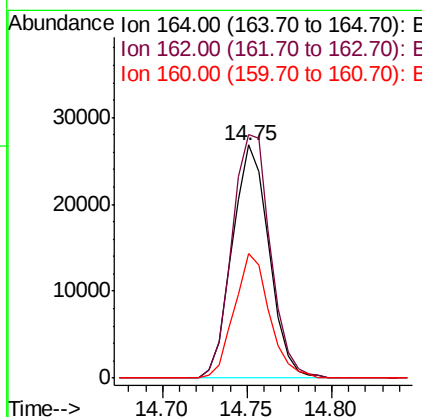
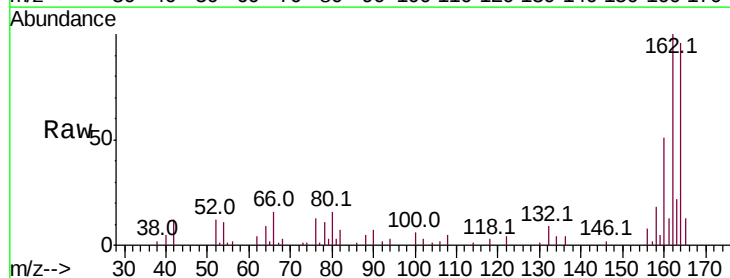
Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOIL

Tot Ion: 82 Resp: 125786
 Ion Ratio Lower Upper
 82 100
 128 32.3 32.8 49.2#
 54 63.9 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BM016351.D
 Acq: 14 Aug 2018 12:59

Tgt Ion:164 Resp: 40747
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.4 123.6
 160 53.7 35.8 53.6#

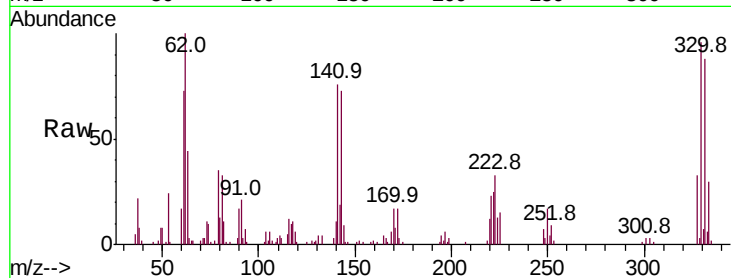




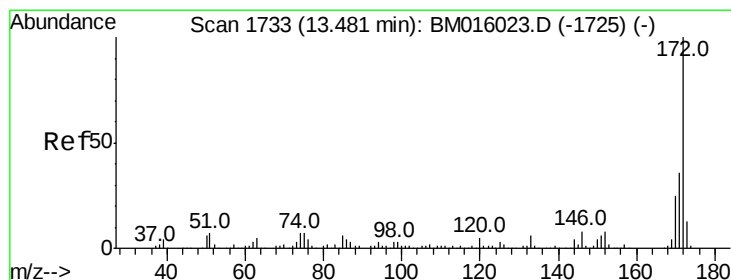
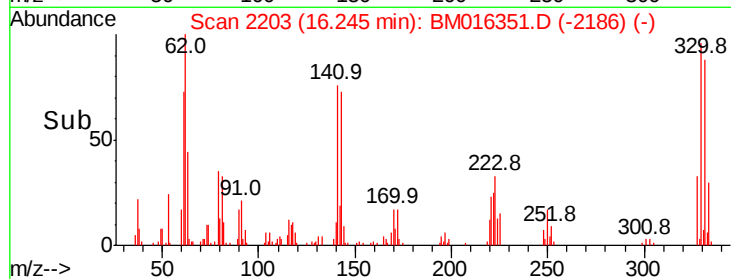
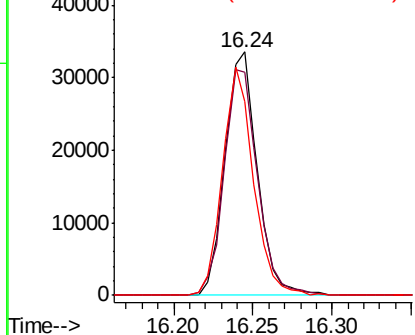
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BM016351.D
 Acq: 14 Aug 2018 12:59

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOIL

Tot Ion:330 Resp: 47425
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 89.8 0.0 0.0#

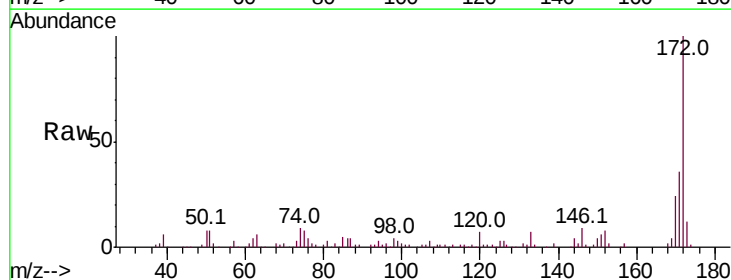


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

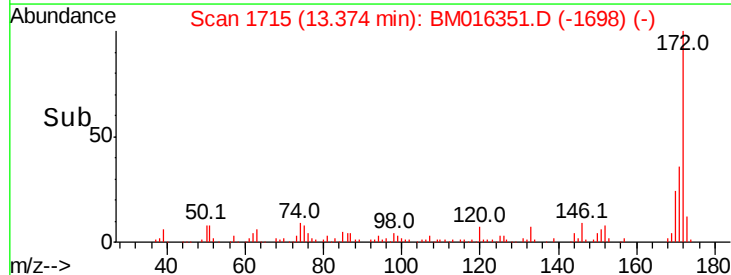
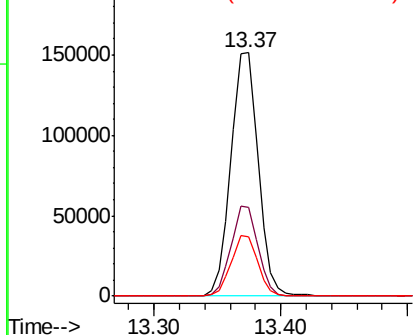


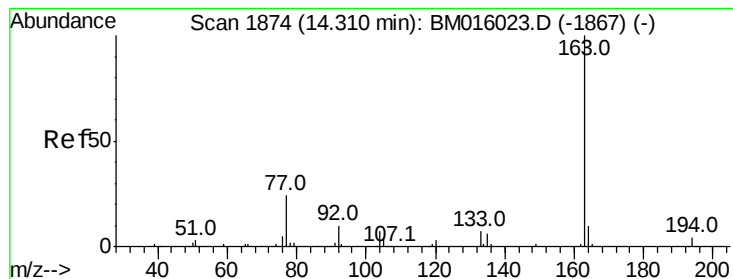
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM016351.D
 Acq: 14 Aug 2018 12:59

Tgt Ion:172 Resp: 225616
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.3 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: 11.731 ng

RT: 14.21 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM016351.D

Acq: 14 Aug 2018 12:59

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOIL

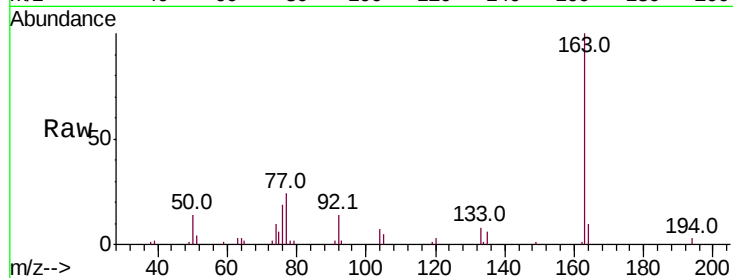
Tot Ion:163 Resp: 41833

Ion Ratio Lower Upper

163 100

194 2.5 2.7 4.1#

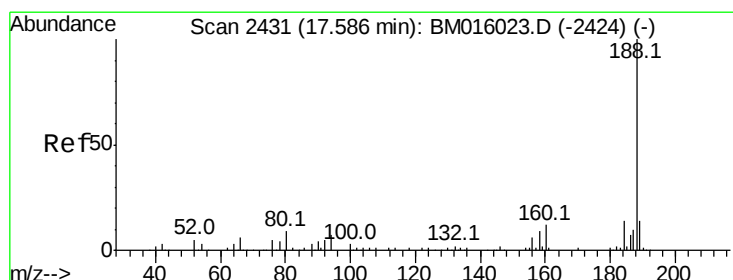
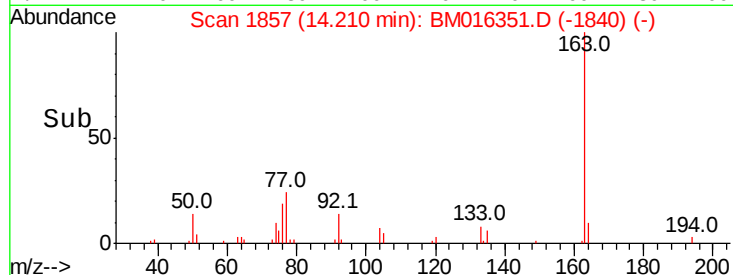
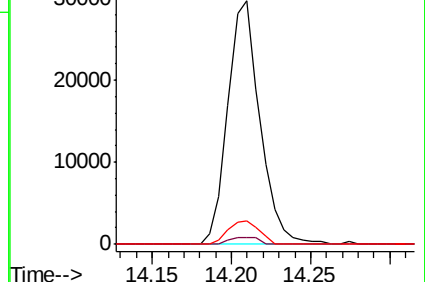
164 9.6 8.2 12.2



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: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016351.D

Acq: 14 Aug 2018 12:59

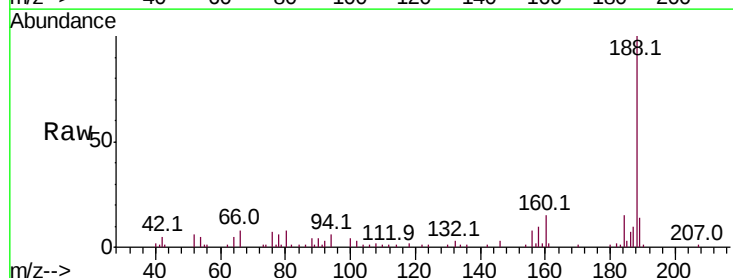
Tgt Ion:188 Resp: 84837

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

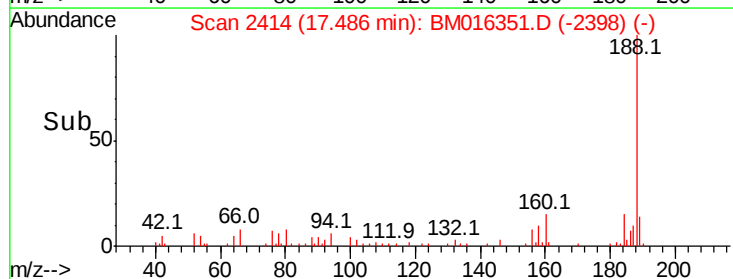
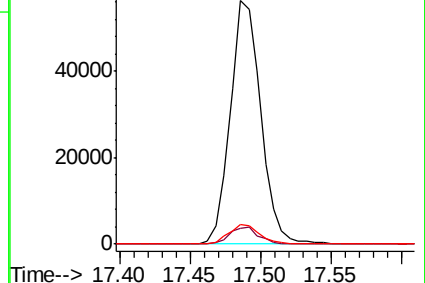
80 8.0 9.3 13.9#



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: 21.62 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM016351.D

Acq: 14 Aug 2018 12:59

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOIL

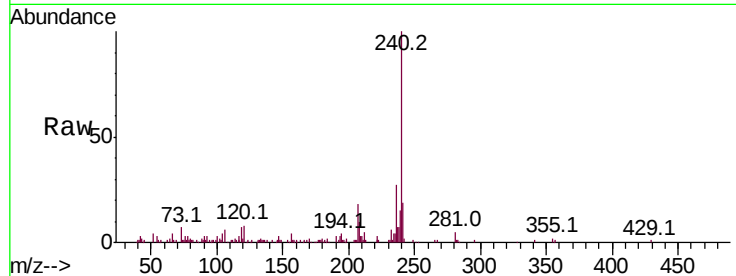
Tot Ion:240 Resp: 102523

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

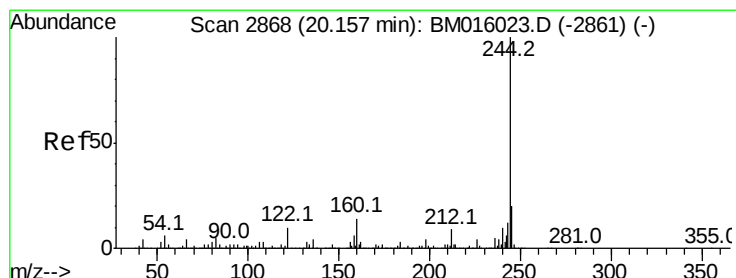
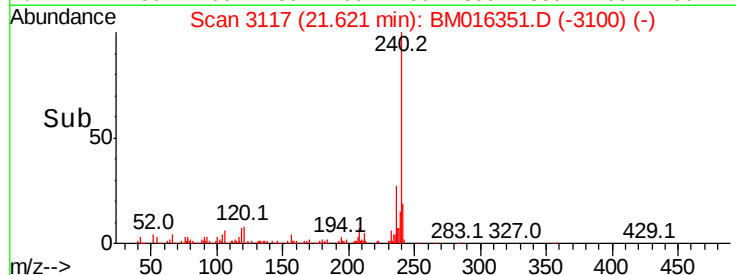
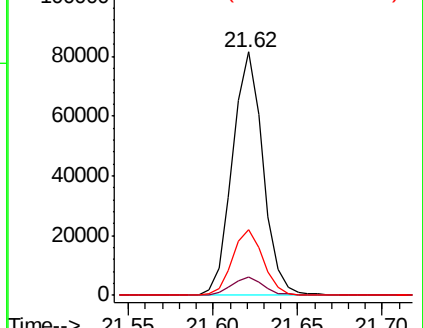
236 27.2 20.0 30.0



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: 20.07 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM016351.D

Acq: 14 Aug 2018 12:59

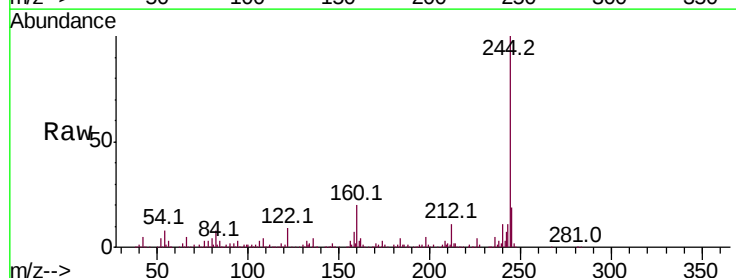
Tgt Ion:244 Resp: 356272

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

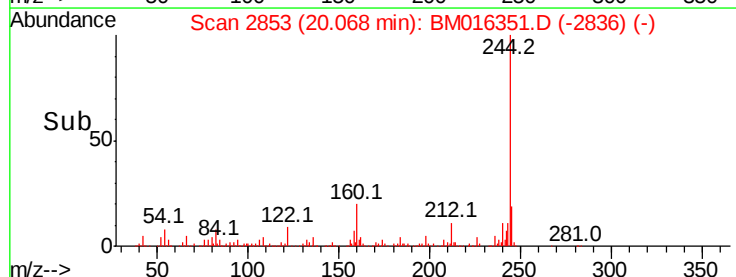
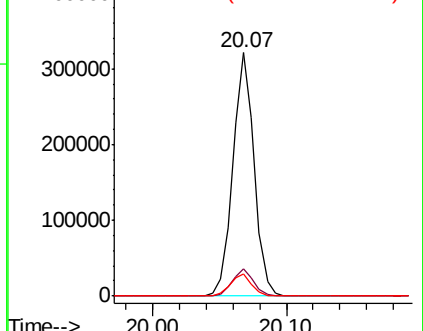
122 9.0 6.2 9.4

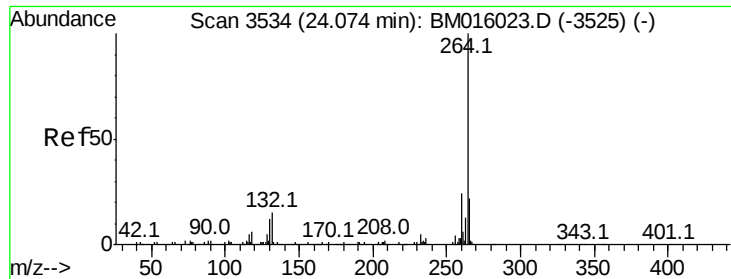


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.95 min Scan# 3513
 Delta R.T. 0.01 min
 Lab File: BM016351.D
 Acq: 14 Aug 2018 12:59

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.9	17.3	25.9

