

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016326.D
 Acq On : 13 Aug 2018 15:34
 Operator : SJ/JU
 Sample : J4405-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-SOIL

Quant Time: Aug 14 03:51:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

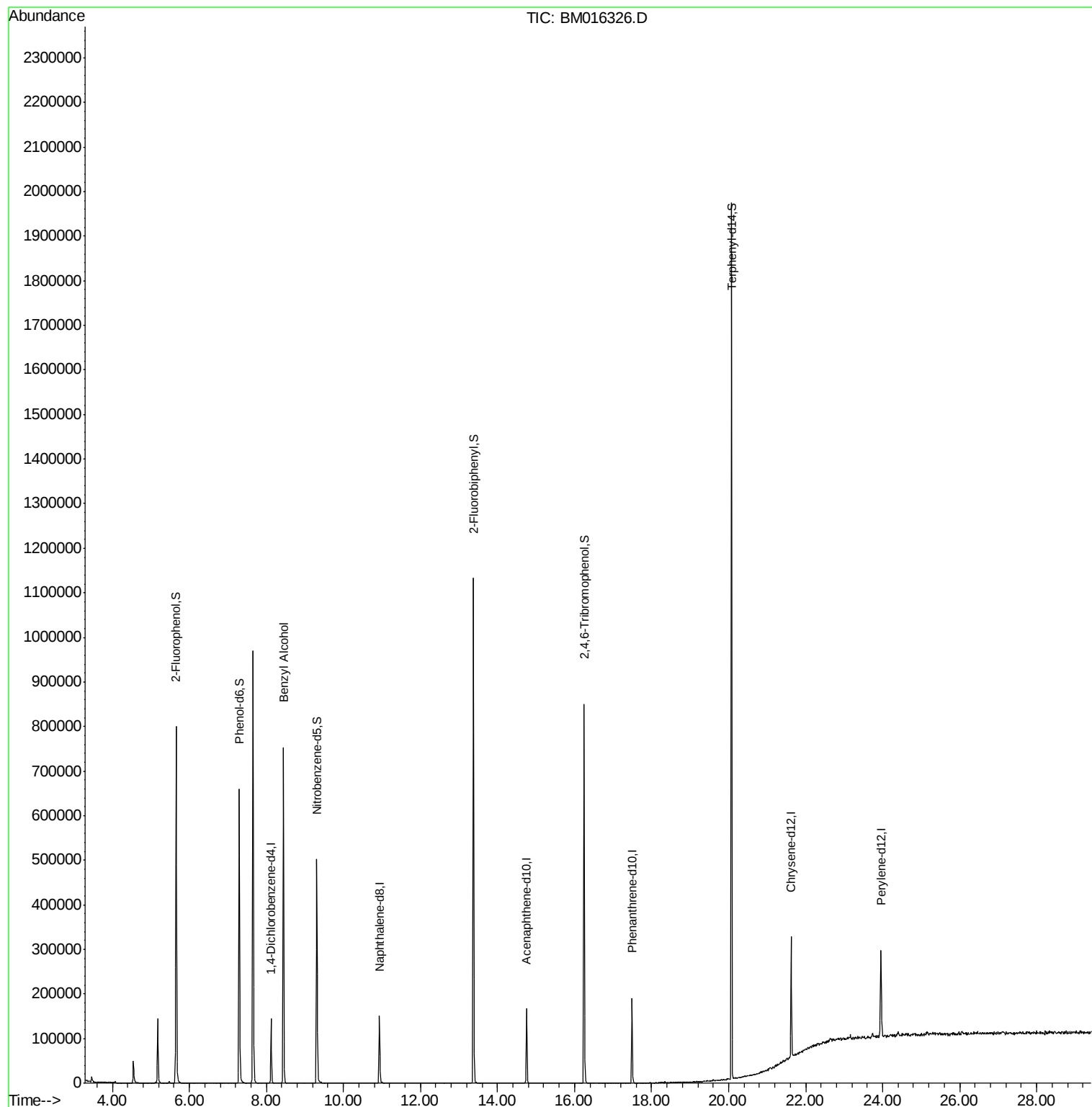
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29511	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	100252	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	46036	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	89781	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	105497	20.00	ng	-0.02
86) Perylene-d12	23.96	264	119136	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	244761	137.77	ng	-0.01
7) Phenol-d6	7.29	99	243013	104.74	ng	-0.01
23) Nitrobenzene-d5	9.31	82	236463	109.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	78370	134.22	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	416345	110.04	ng	-0.02
78) Terphenyl-d14	20.07	244	597491	118.56	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.44	79	5662	3.065	ng	Qvalue # 26

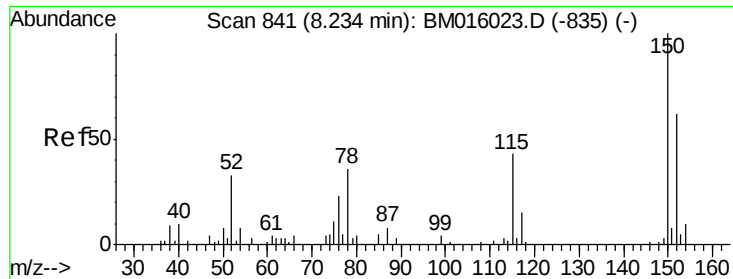
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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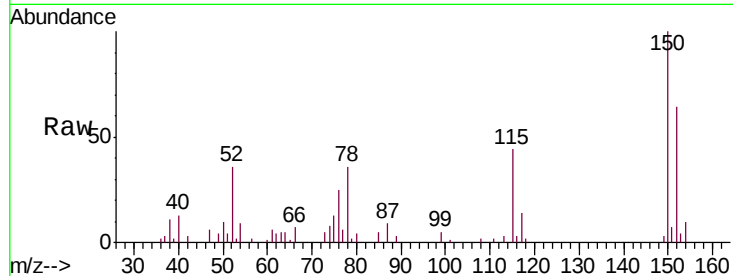


#1

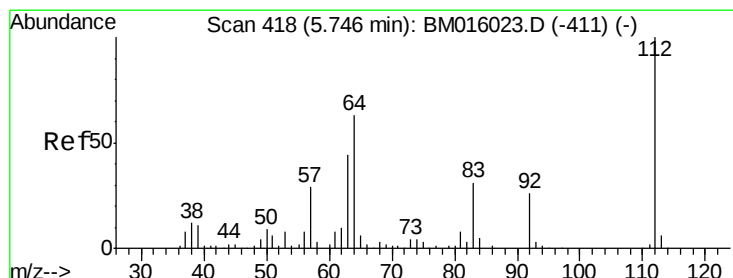
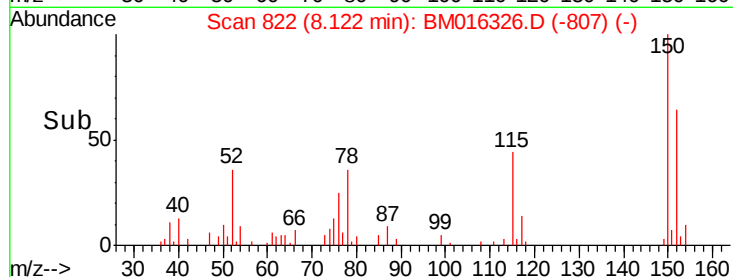
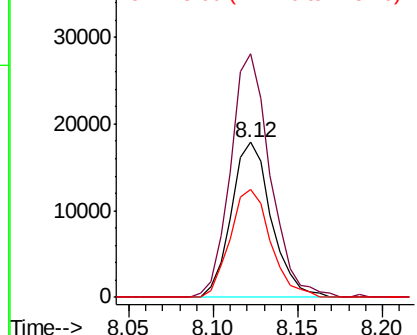
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016326.D
Acq: 13 Aug 2018 15:34

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOIL

Tgt Ion:152 Resp: 29511
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 69.4 43.0 64.4#



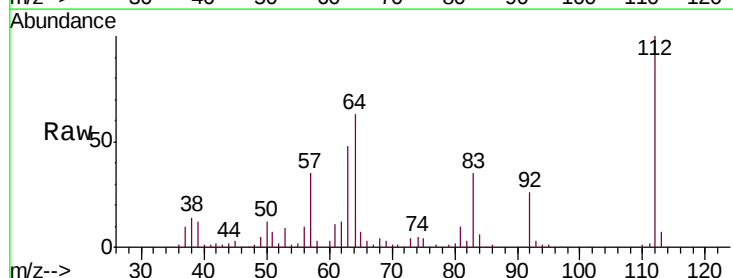
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



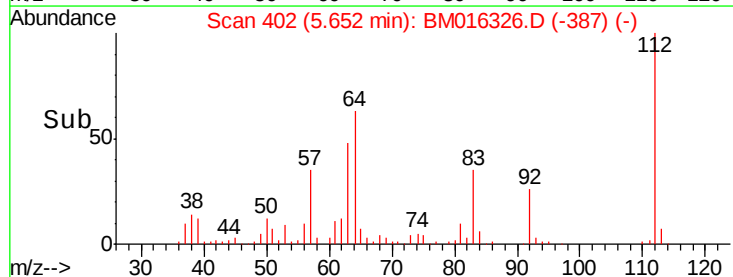
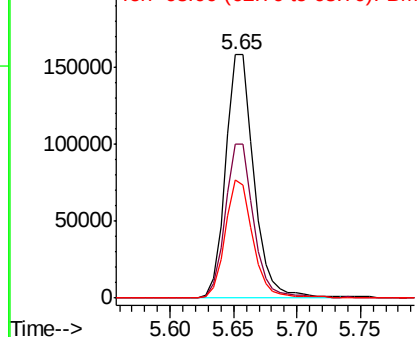
#5

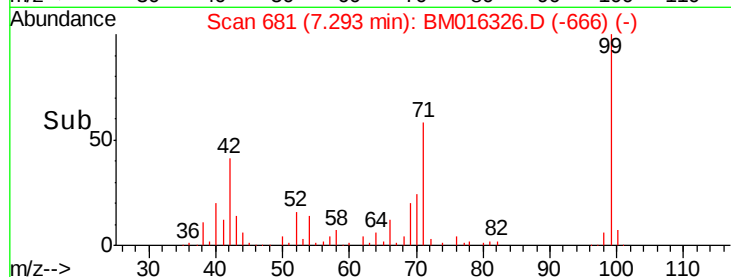
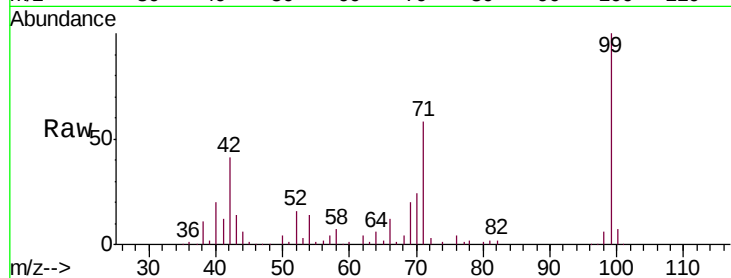
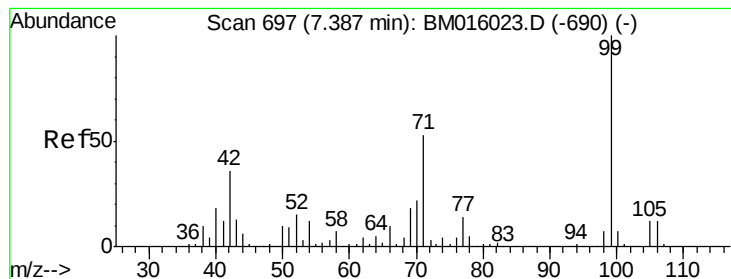
2-Fluorophenol
Concen: Below ng
RT: 5.65 min Scan# 402
Delta R.T. -0.01 min
Lab File: BM016326.D
Acq: 13 Aug 2018 15:34

Tgt Ion:112 Resp: 244761
Ion Ratio Lower Upper
112 100
64 63.4 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# 681

Delta R.T. -0.01 min

Lab File: BM016326.D

Acq: 13 Aug 2018 15:34

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOIL

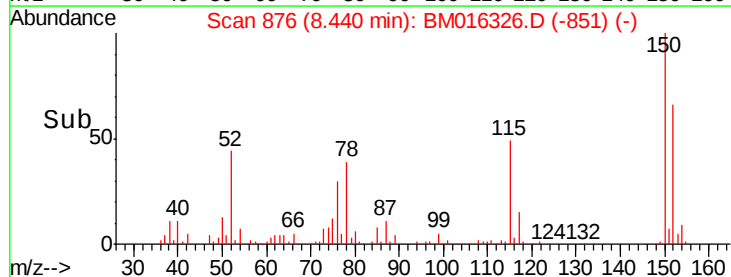
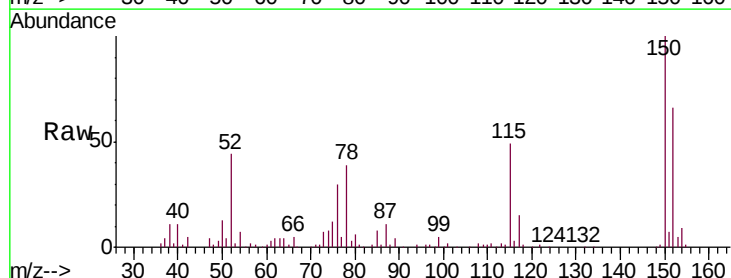
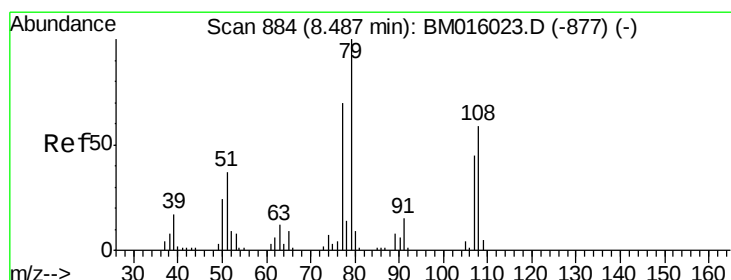
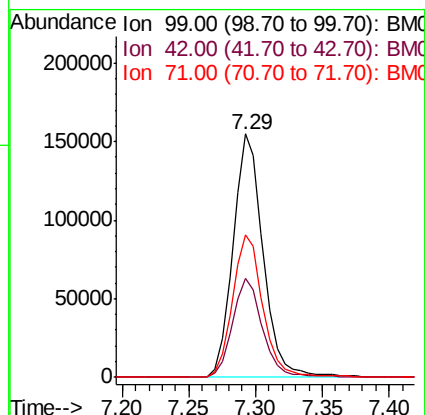
Tgt Ion: 99 Resp: 243013

Ion Ratio Lower Upper

99 100

42 40.8 11.0 16.4#

71 58.3 23.4 35.2#



#15

Benzyl Alcohol

Concen: 3.065 ng

RT: 8.44 min Scan# 876

Delta R.T. 0.05 min

Lab File: BM016326.D

Acq: 13 Aug 2018 15:34

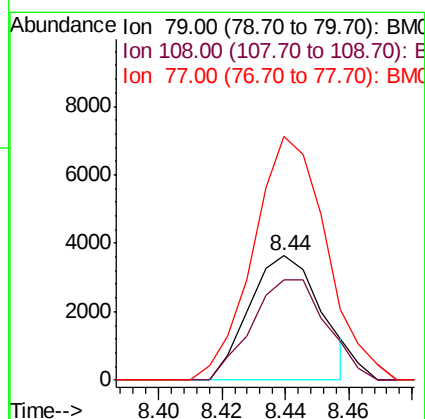
Tgt Ion: 79 Resp: 5662

Ion Ratio Lower Upper

79 100

108 80.8 65.0 97.4

77 196.3 53.0 79.6#

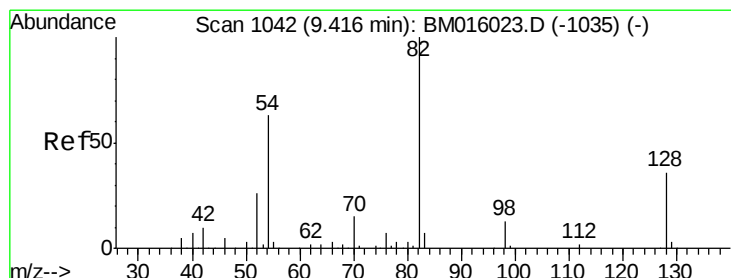
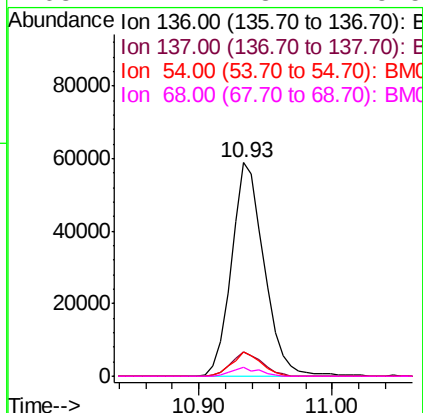
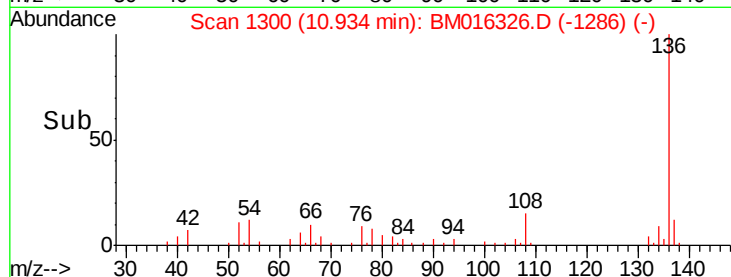
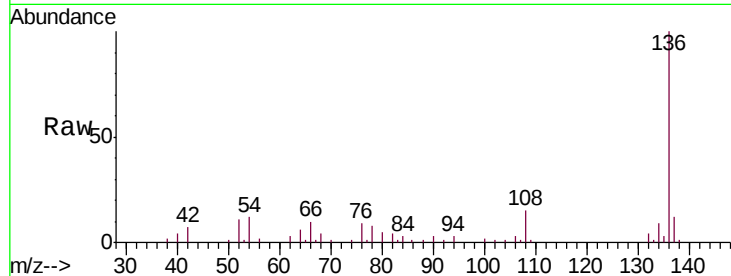




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM016326.D
Acq: 13 Aug 2018 15:34

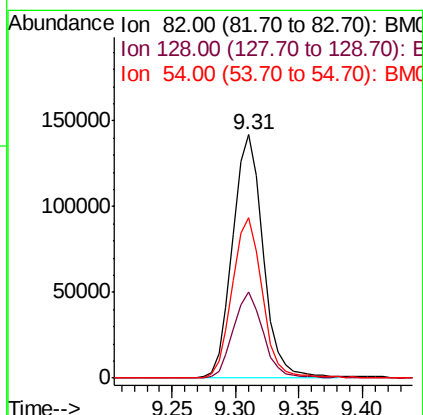
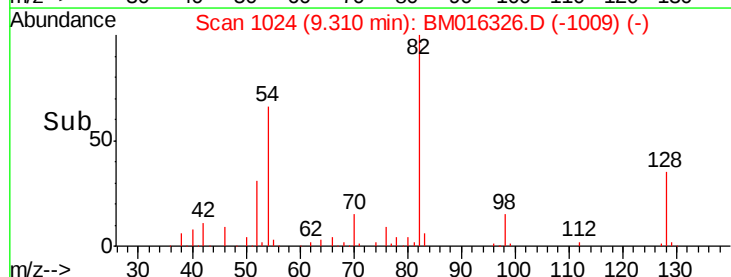
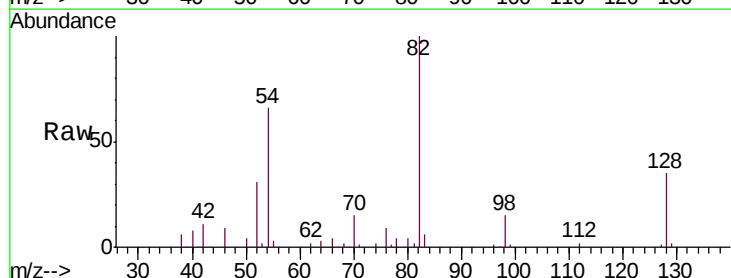
Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOIL

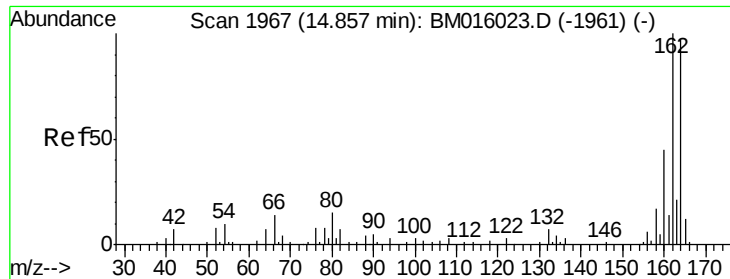
Tgt Ion:	136	Resp:	100252
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	11.5	4.6	6.8#
68	4.4	3.7	5.5



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM016326.D
Acq: 13 Aug 2018 15:34

Tgt Ion:	82	Resp:	236463
Ion	Ratio	Lower	Upper
82	100		
128	35.4	32.8	49.2
54	65.8	40.6	60.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM016326.D

Acq: 13 Aug 2018 15:34

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOIL

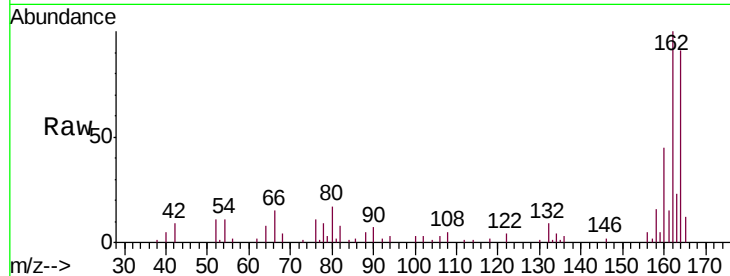
Tgt Ion:164 Resp: 46036

Ion Ratio Lower Upper

164 100

162 109.7 82.4 123.6

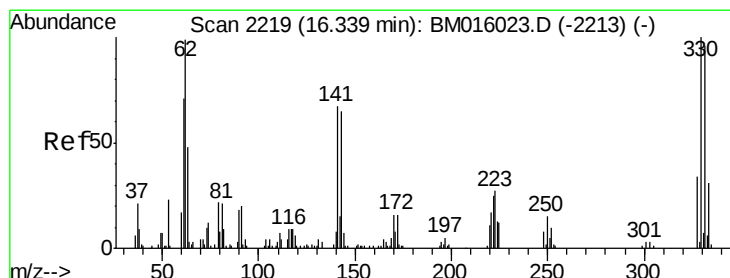
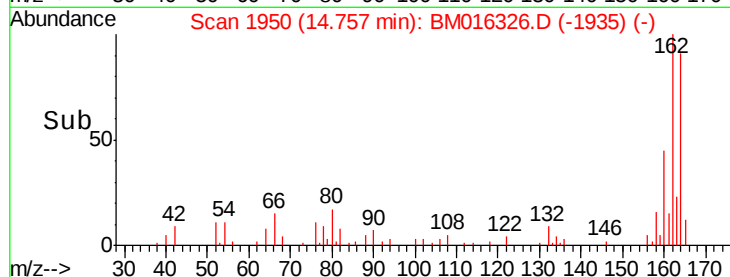
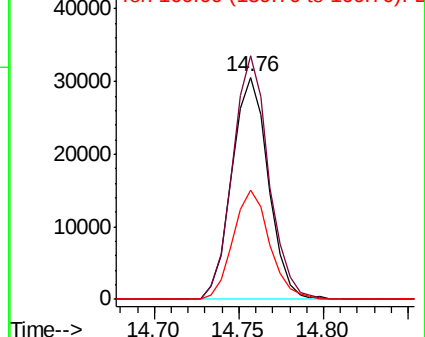
160 49.3 35.8 53.6



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: 16.24 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BM016326.D

Acq: 13 Aug 2018 15:34

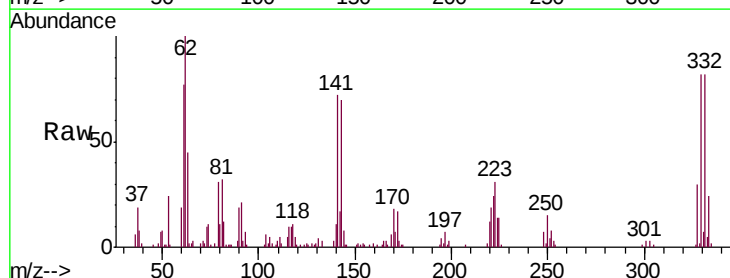
Tgt Ion:330 Resp: 78370

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

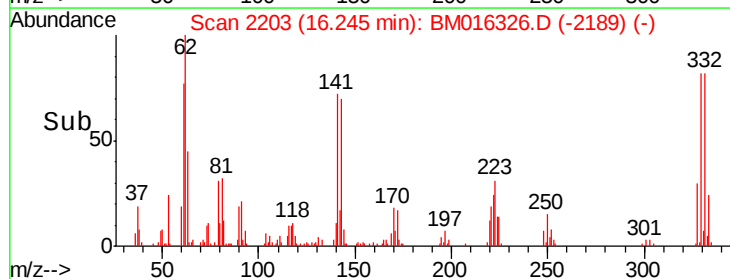
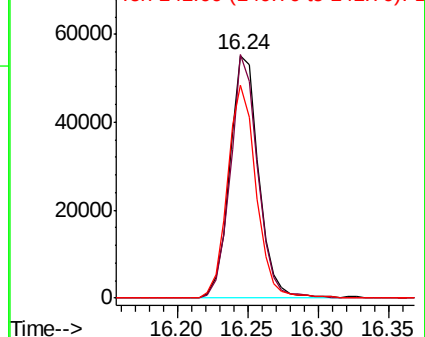
141 87.1 0.0 0.0#

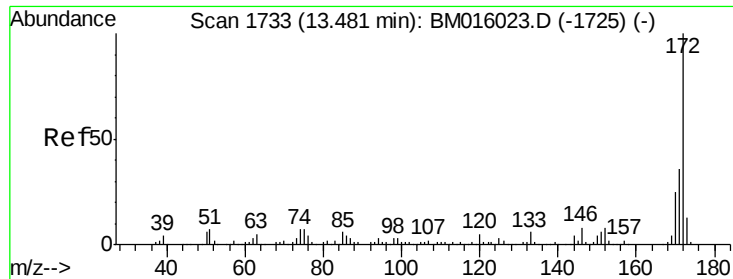


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

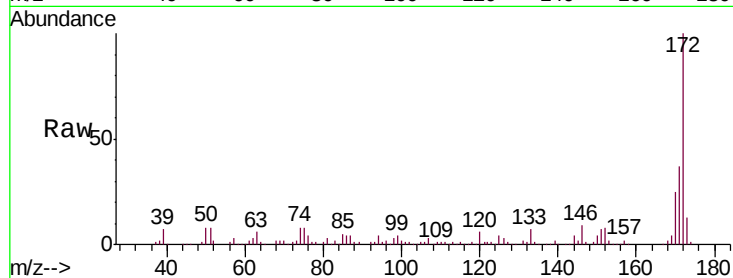




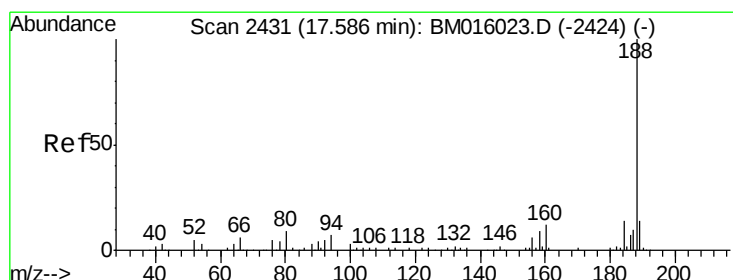
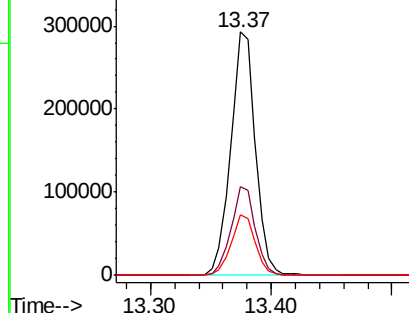
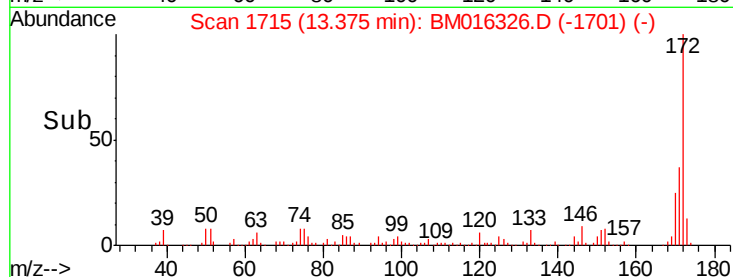
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016326.D
 Acq: 13 Aug 2018 15:34

Instrument :
 BNA_M
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 EXCAVATION-SOIL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	24.9	18.8	28.2

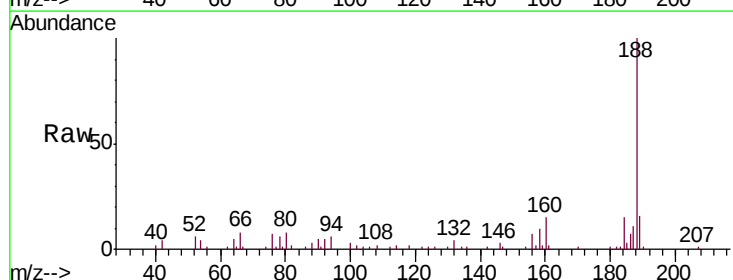


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

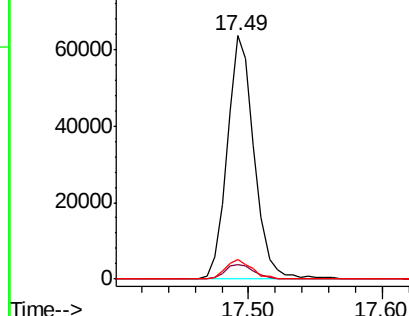
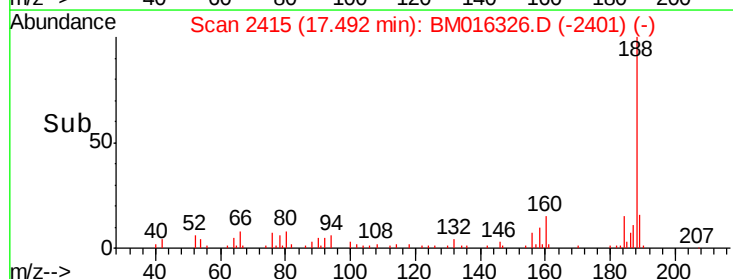


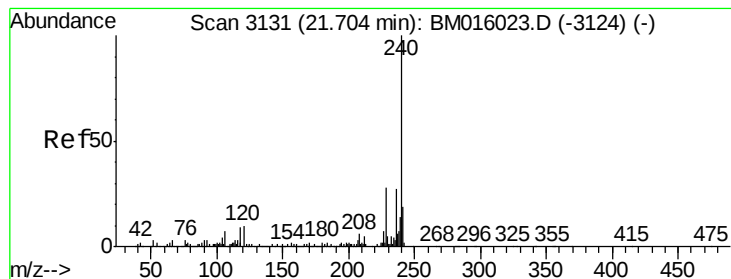
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2415
 Delta R.T. -0.02 min
 Lab File: BM016326.D
 Acq: 13 Aug 2018 15:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	7.8	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: 21.62 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BM016326.D

Acq: 13 Aug 2018 15:34

Instrument :

BNA_M

ClientSampleId :

EXCAVATION-SOIL

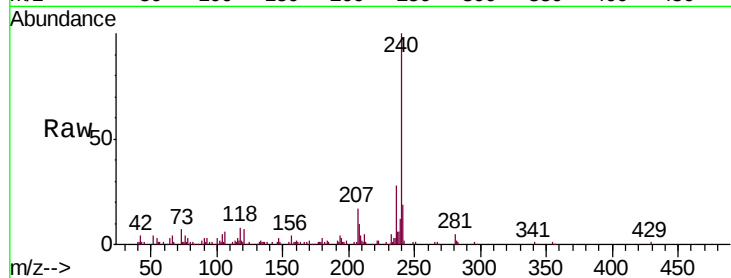
Tgt Ion:240 Resp: 105497

Ion Ratio Lower Upper

240 100

120 6.5 8.2 12.2#

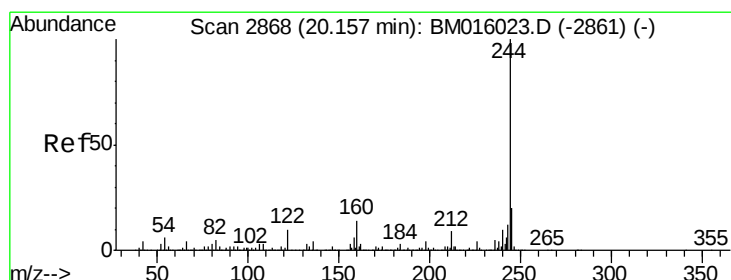
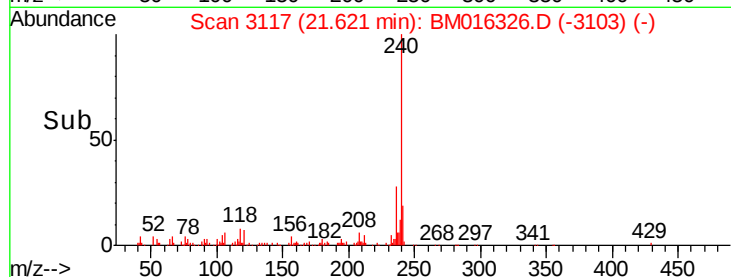
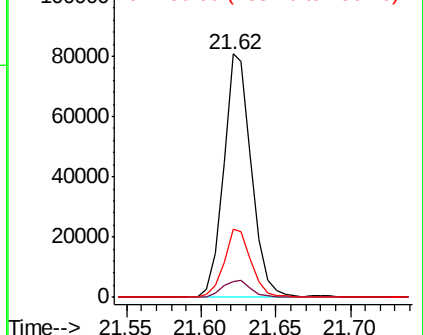
236 28.1 20.0 30.0



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: N.D. ng

RT: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016326.D

Acq: 13 Aug 2018 15:34

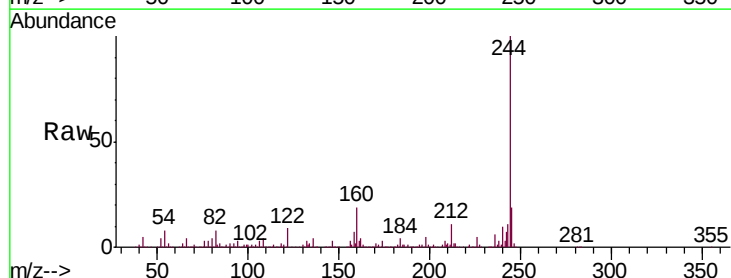
Tgt Ion:244 Resp: 597491

Ion Ratio Lower Upper

244 100

212 10.8 4.9 7.3#

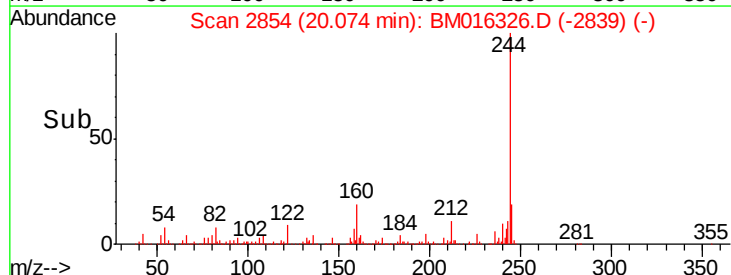
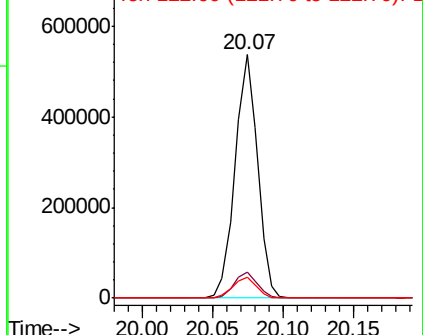
122 8.6 6.2 9.4

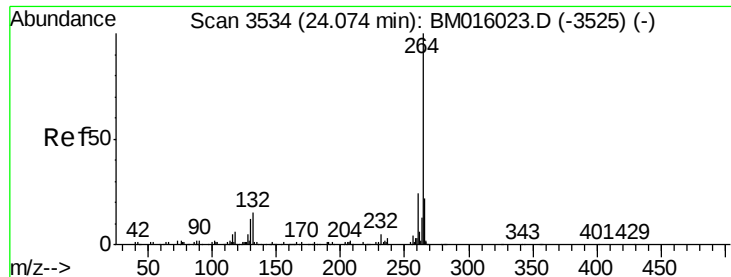


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

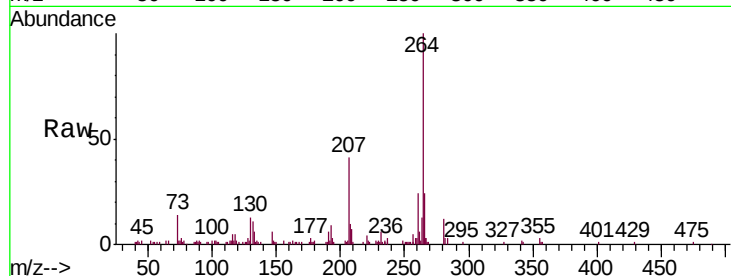




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.96 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BM016326.D
Acq: 13 Aug 2018 15:34

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-SOIL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	24.3	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

