

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034981.D
 Acq On : 8 Jun 2018 10:23
 Operator : SJ/JU
 Sample : J3352-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PS-SOIL

Quant Time: Jun 08 12:34:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38815	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	136871	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	93915	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	249875	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	287917	20.00	ng	-0.02
86) Perylene-d12	24.95	264	272330	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	290166	126.16	ng	0.00
7) Phenol-d6	7.23	99	385771	113.64	ng	0.00
23) Nitrobenzene-d5	9.23	82	305816	106.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	196580	163.51	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	687657	95.19	ng	-0.01
78) Terphenyl-d14	20.05	244	1349254	98.16	ng	-0.01

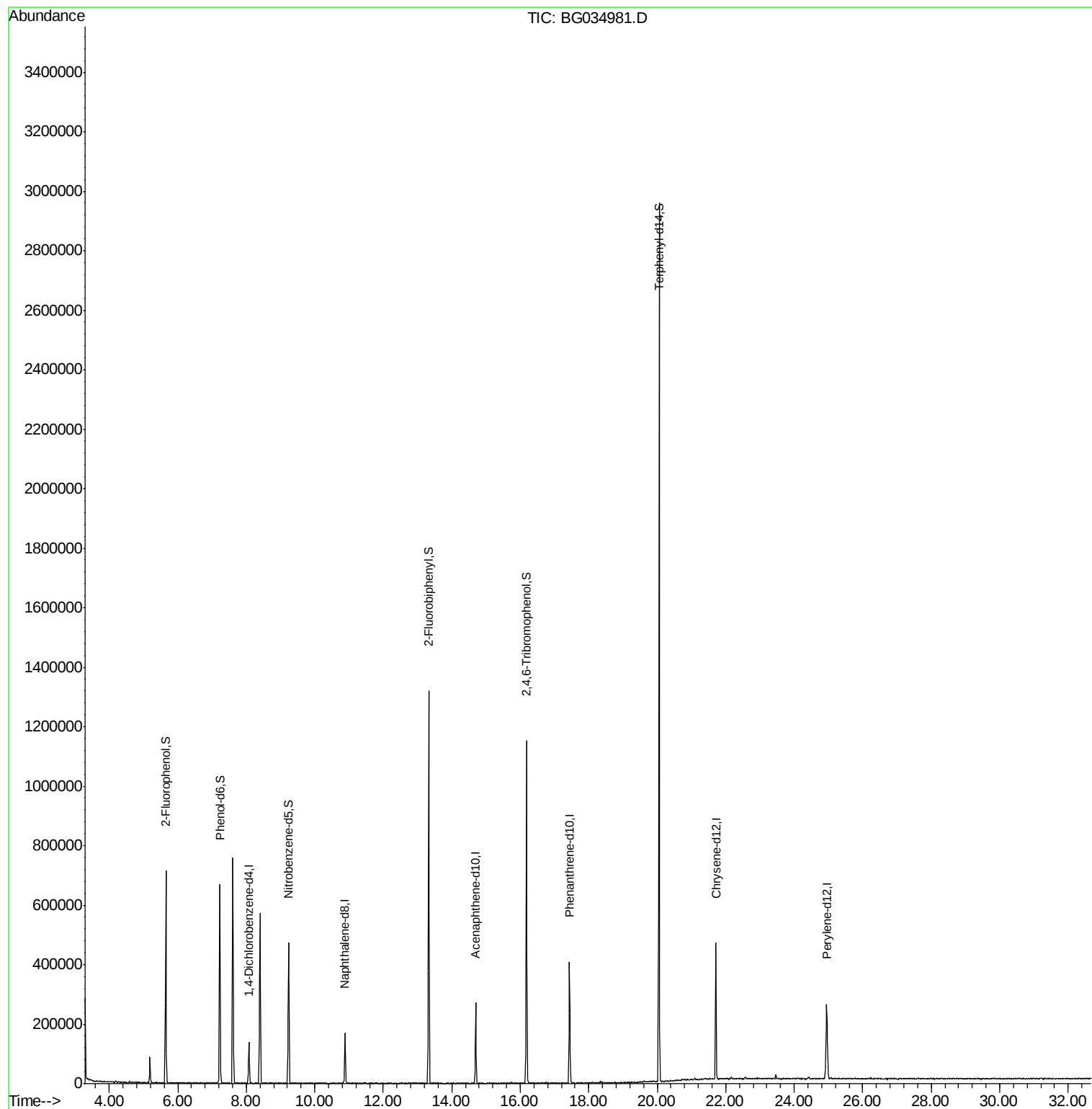
Target Compounds Qvalue

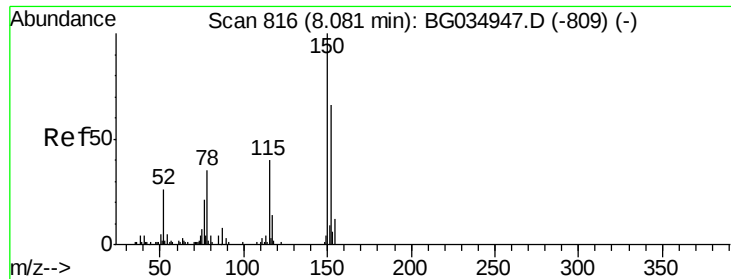
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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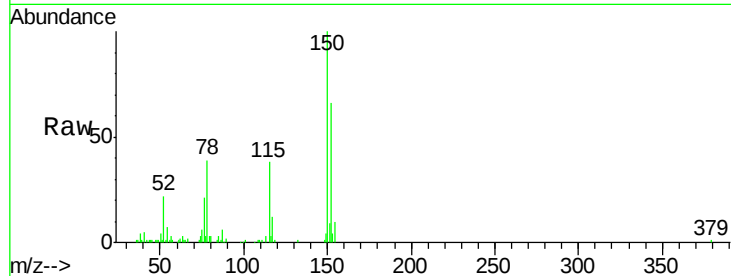


#1

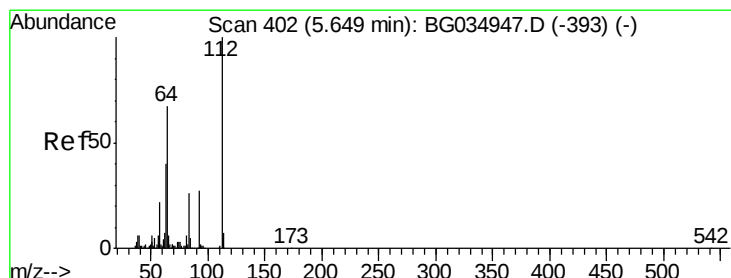
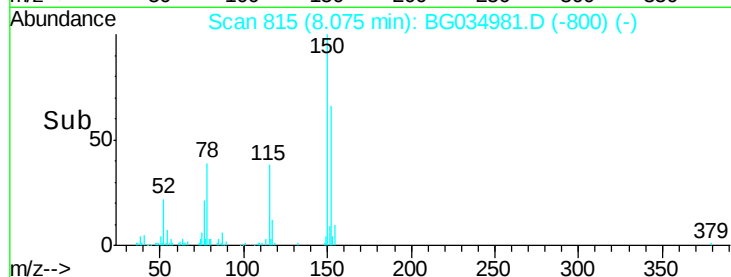
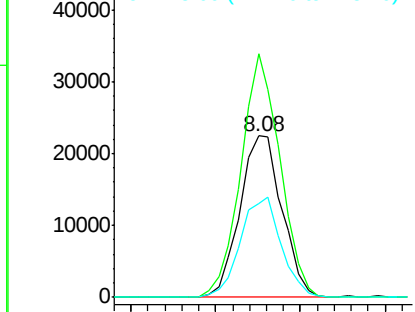
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Instrument :
BNA_G
ClientSampled :
PS-SOIL

Tot Ion:152 Resp: 38815
Ion Ratio Lower Upper
152 100
150 150.8 126.6 189.8
115 57.8 53.0 79.4



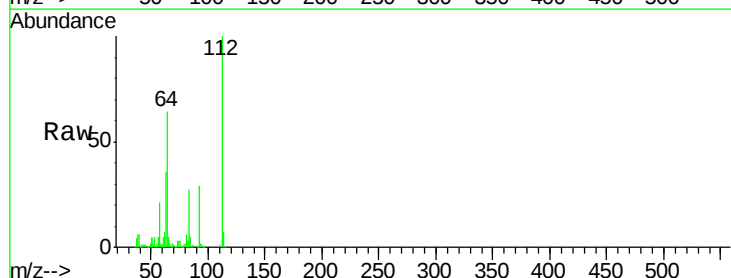
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



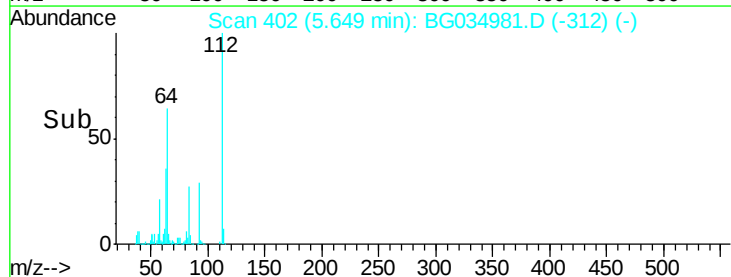
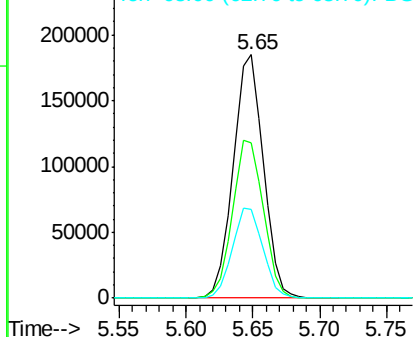
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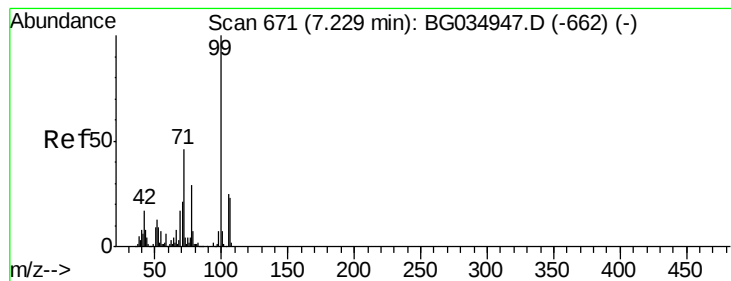
2-Fluorophenol
Concen: 126.159 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Tgt Ion:112 Resp: 290166
Ion Ratio Lower Upper
112 100
64 63.8 56.3 84.5
63 36.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.640 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

Instrument :

BNA_G

ClientSampleId :

PS-SOIL

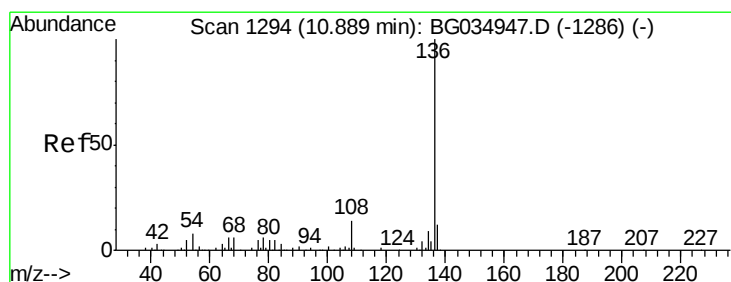
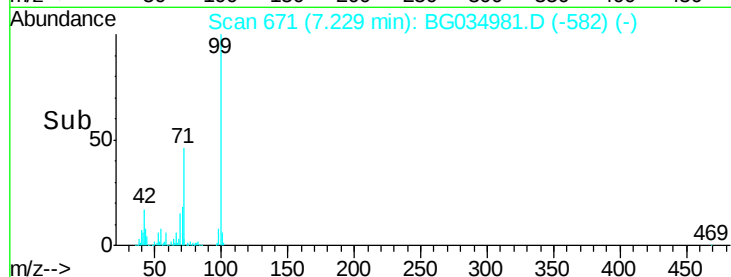
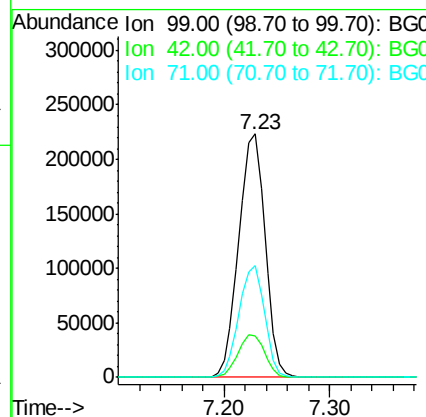
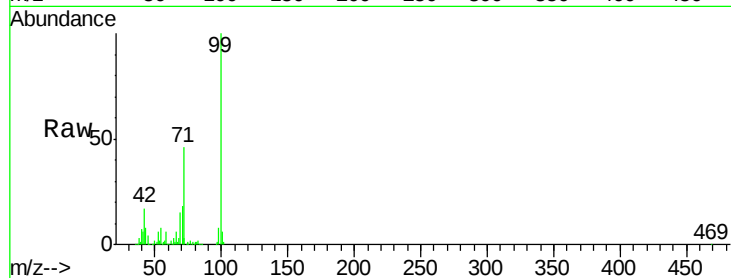
Tot Ion: 99 Resp: 385771

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

71 46.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

Tgt Ion: 136 Resp: 136871

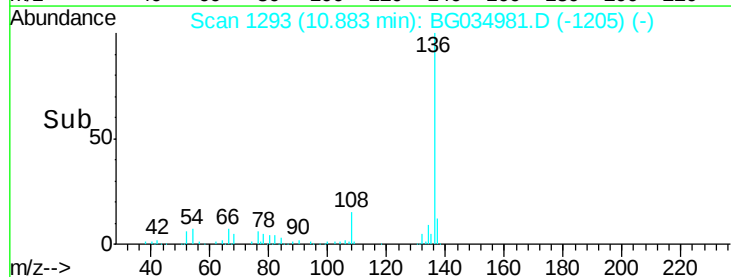
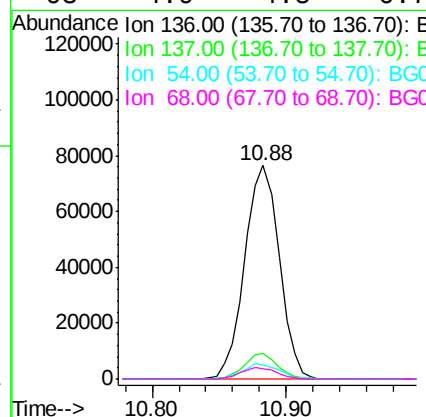
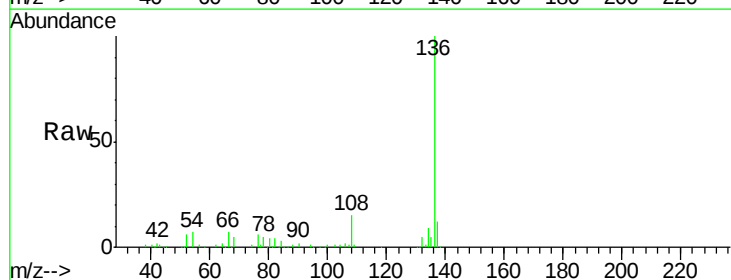
Ion Ratio Lower Upper

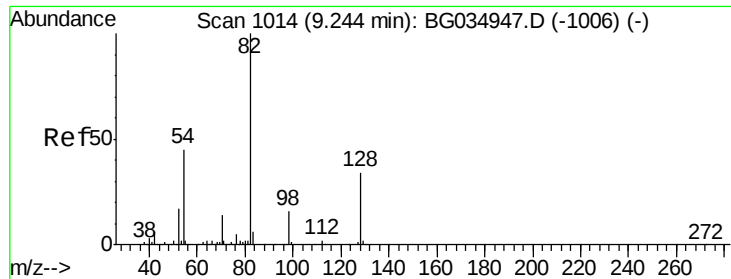
136 100

137 12.0 9.2 13.8

54 6.6 10.3 15.5#

68 4.9 4.5 6.7

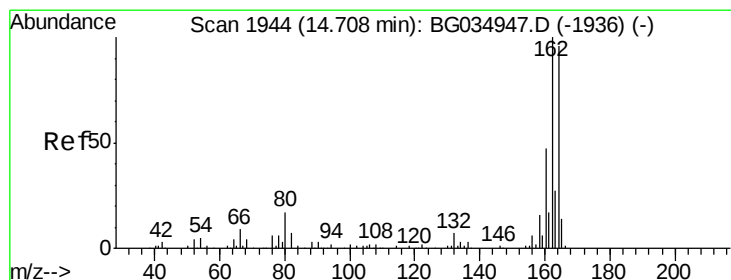
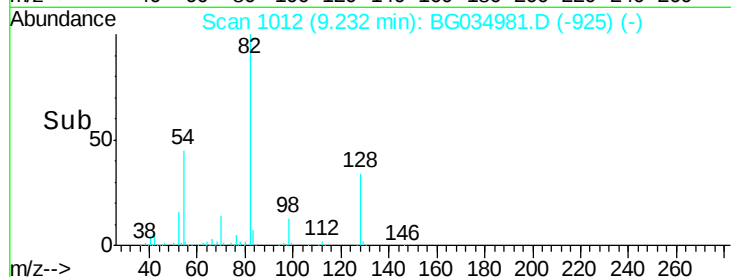
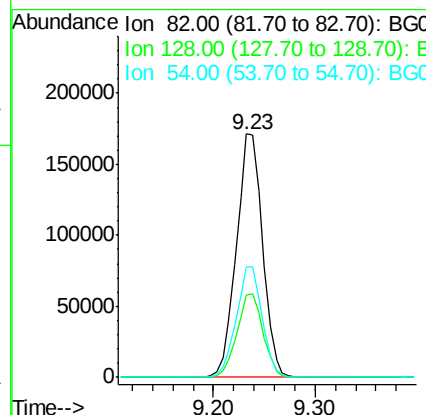
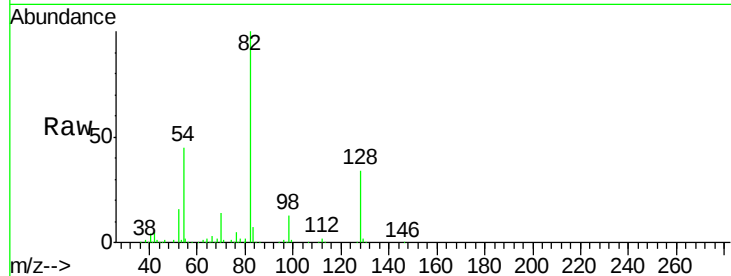




#23
 Nitrobenzene-d5
 Concen: 106.208 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BG034981.D
 Acq: 8 Jun 2018 10:23

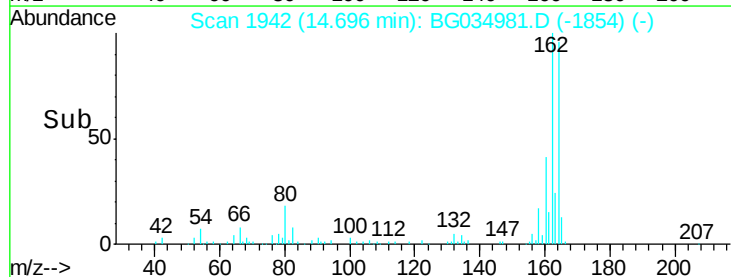
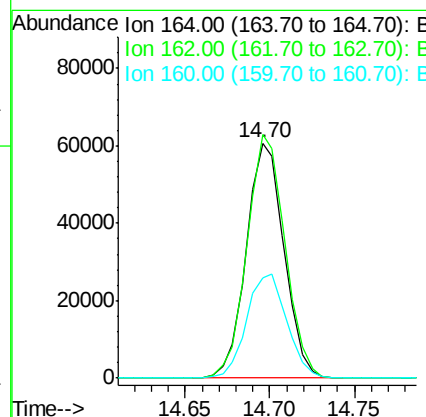
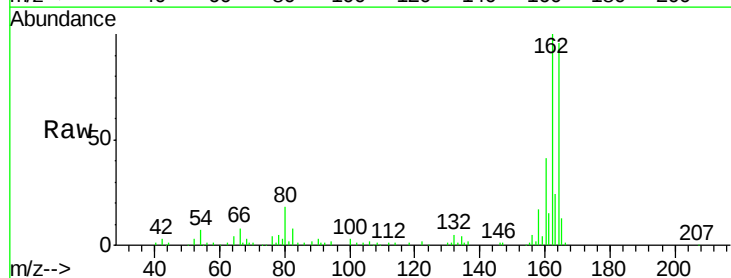
Instrument :
 BNA_G
 ClientSampleId :
 PS-SOIL

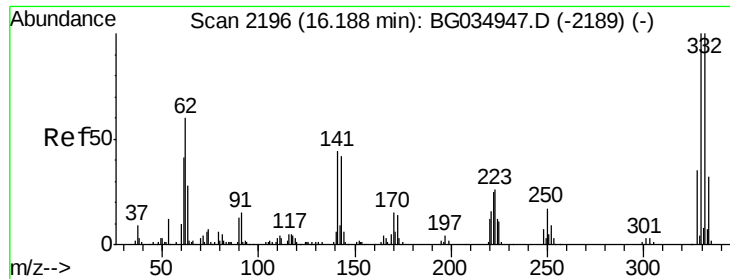
Tot Ion	82	Resp	305816
Ion Ratio	Lower	Upper	
82	100		
128	33.9	29.7	44.5
54	45.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG034981.D
 Acq: 8 Jun 2018 10:23

Tgt Ion	164	Resp	93915
Ion Ratio	Lower	Upper	
164	100		
162	103.7	78.8	118.2
160	42.9	35.4	53.0

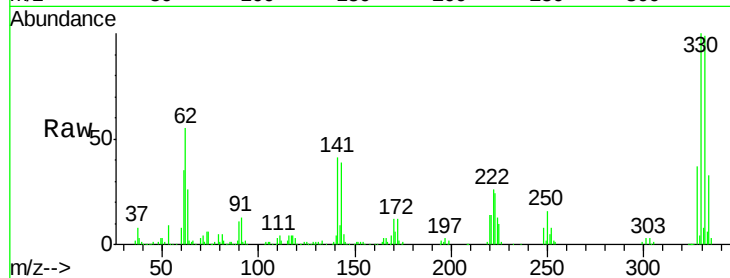




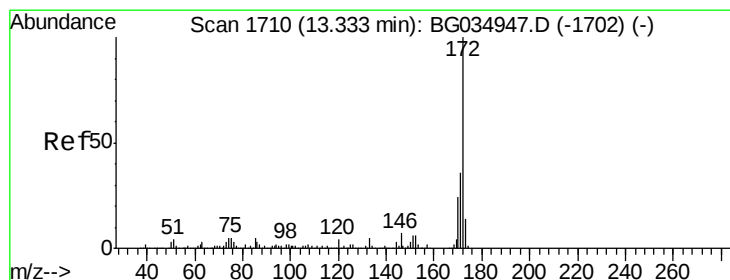
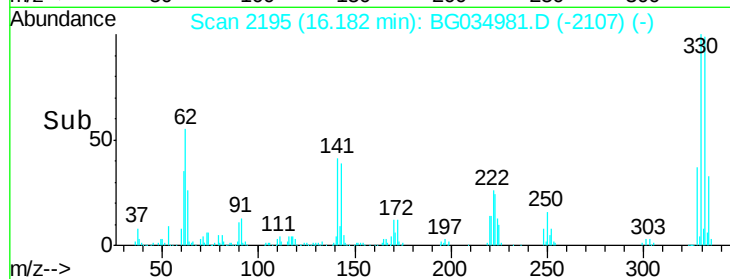
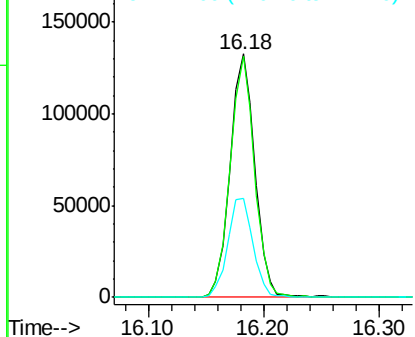
#41
 2,4,6-Tribromophenol
 Concen: 163.513 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG034981.D
 Acq: 8 Jun 2018 10:23

Instrument :
 BNA_G
 ClientSampleId :
 PS-SOIL

Tot Ion:330 Resp: 196580
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 41.7 25.2 37.8#

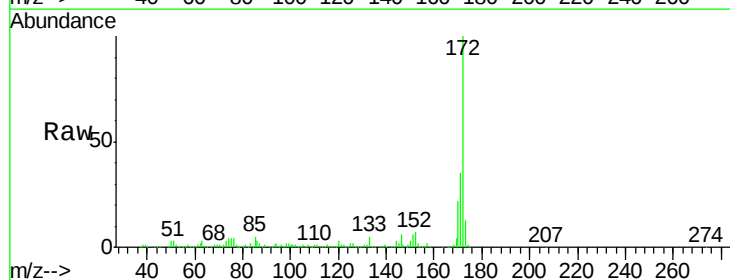


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

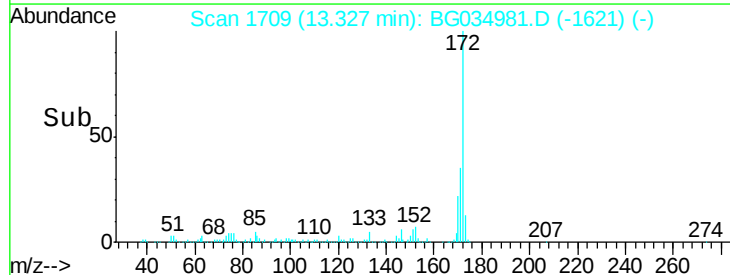
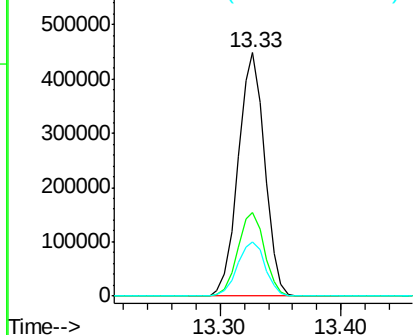


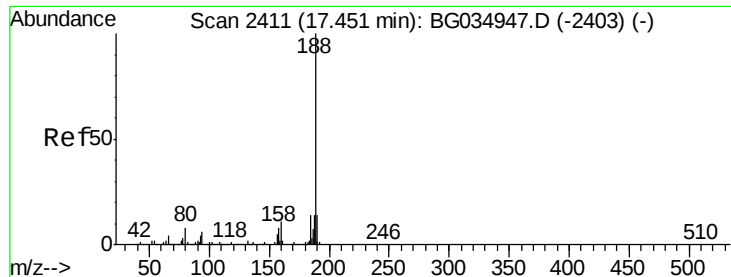
#44
 2-Fluorobiphenyl
 Concen: 95.187 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034981.D
 Acq: 8 Jun 2018 10:23

Tgt Ion:172 Resp: 687657
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.0 45.0
 170 22.3 19.5 29.3



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

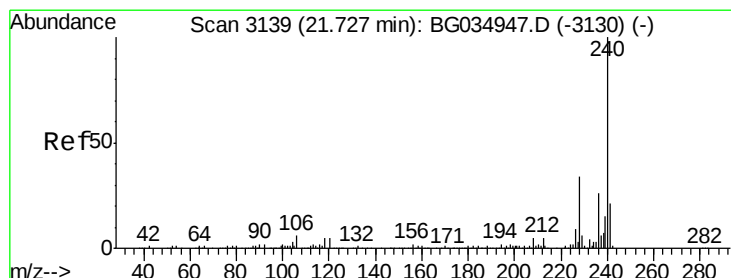
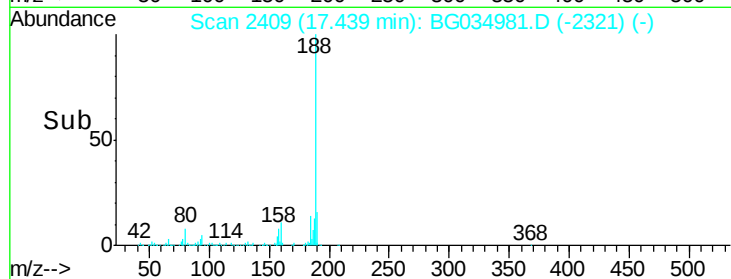
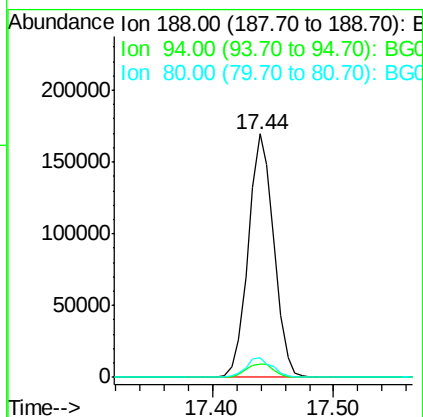
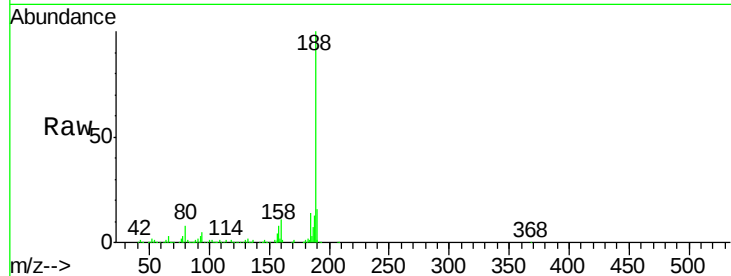




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

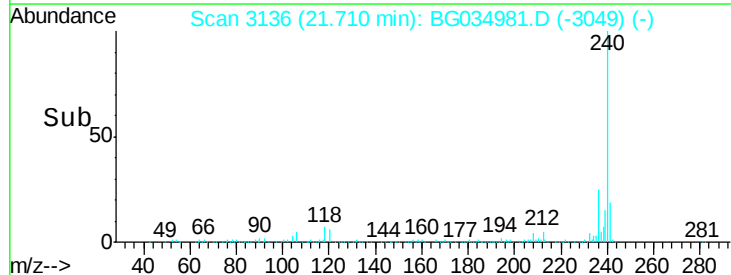
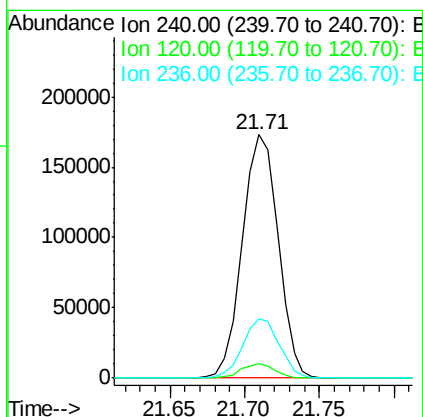
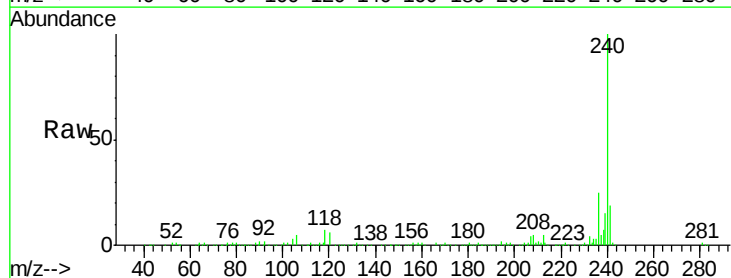
Instrument :
BNA_G
ClientSampleId :
PS-SOIL

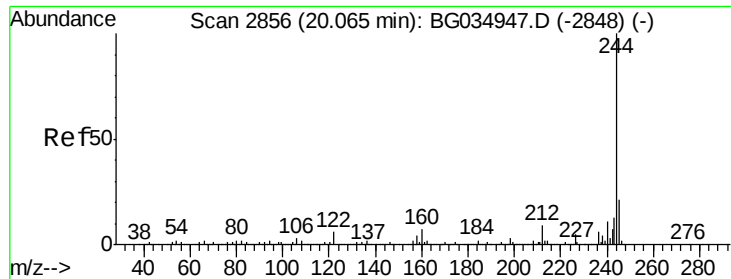
Tot Ion:188 Resp: 249875
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG034981.D
Acq: 8 Jun 2018 10:23

Tgt Ion:240 Resp: 287917
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 98.162 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

Instrument :

BNA_G

ClientSampleId :

PS-SOIL

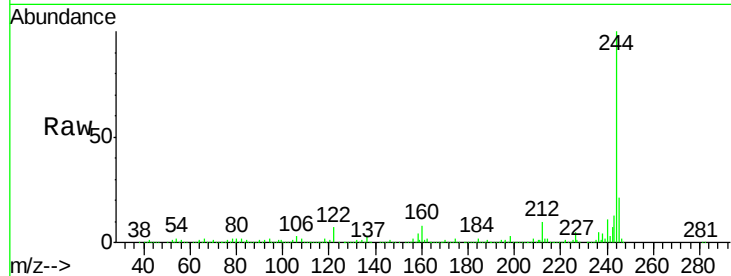
Tot Ion:244 Resp: 1349254

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

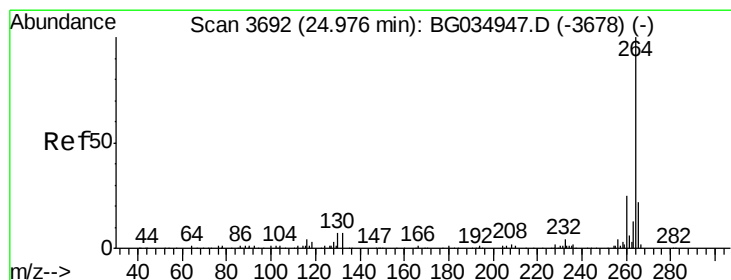
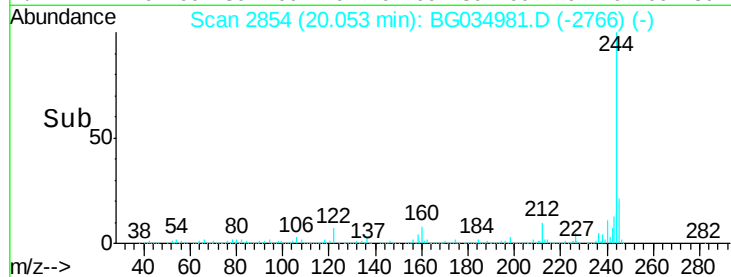
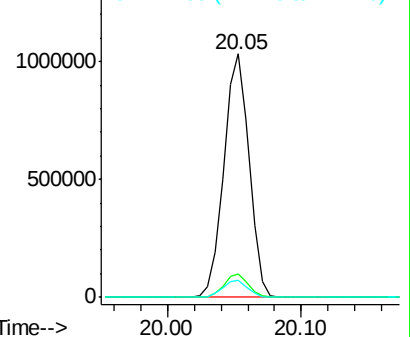
122 6.9 7.0 10.4#



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: 24.95 min Scan# 3687

Delta R.T. -0.04 min

Lab File: BG034981.D

Acq: 8 Jun 2018 10:23

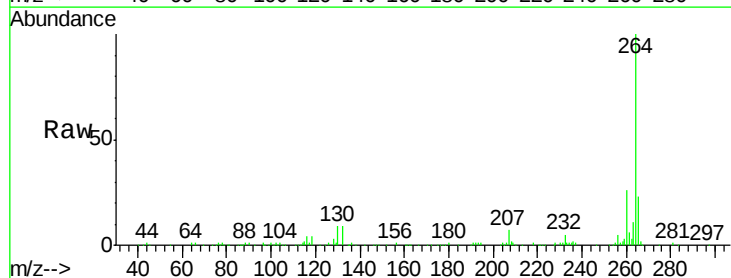
Tgt Ion:264 Resp: 272330

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 22.9 17.7 26.5



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

