

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039117.D
 Acq On : 12 Jan 2019 13:45
 Operator : JU/SJ
 Sample : K1124-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ER-SOIL

Quant Time: Jan 14 10:56:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

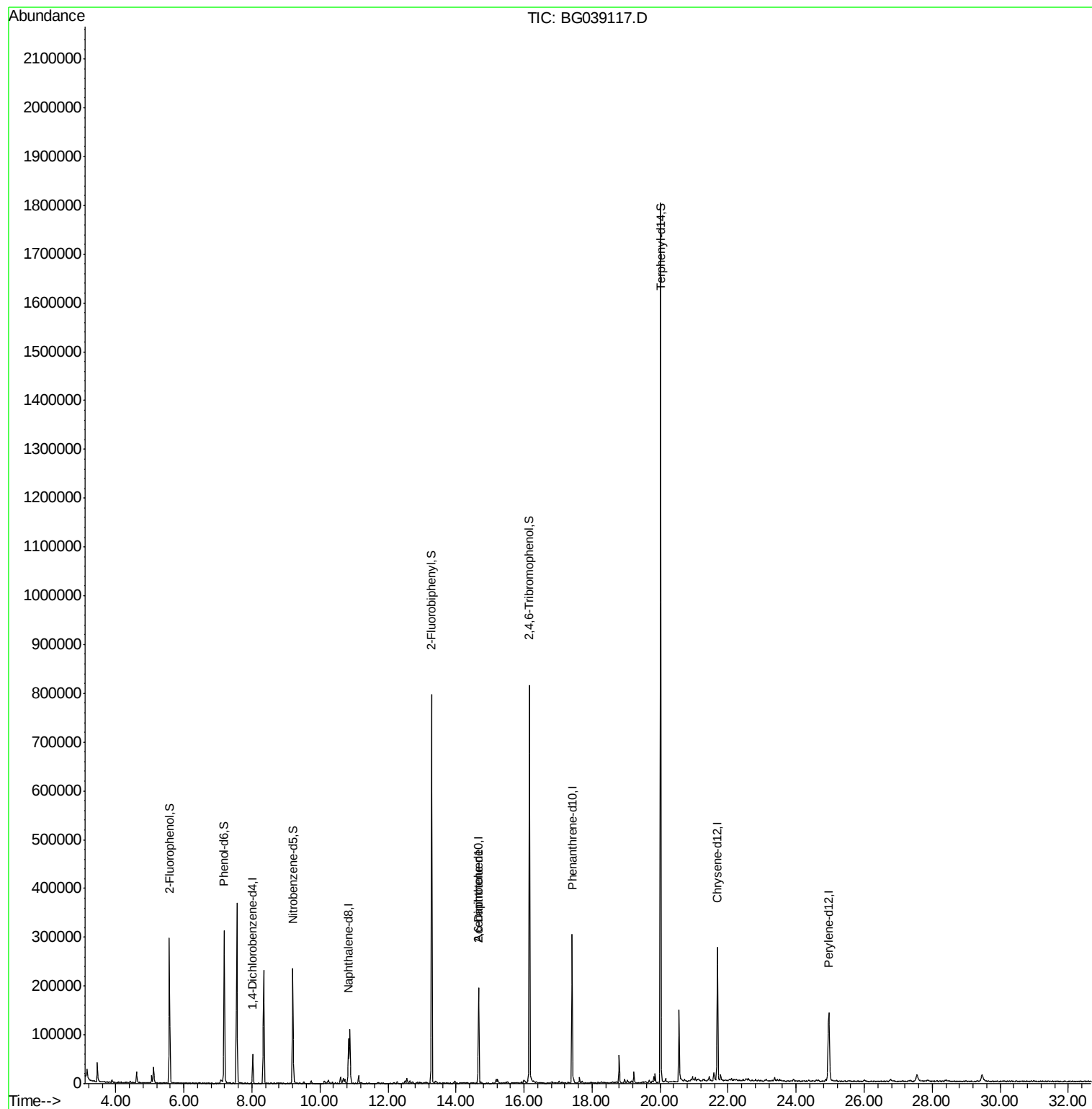
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	18853	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	93416	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	71940	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	199109	20.00	ng	0.00
76) Chrysene-d12	21.69	240	173272	20.00	ng	-0.02
87) Perylene-d12	24.96	264	184358	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140284	141.15	ng	0.00
7) Phenol-d6	7.19	99	185526	129.71	ng	0.00
23) Nitrobenzene-d5	9.20	82	141957	83.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	184229	152.77	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	438905	83.50	ng	0.00
79) Terphenyl-d14	20.02	244	926446	98.91	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.66	165	9209	6.775	ng	Qvalue # 26

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

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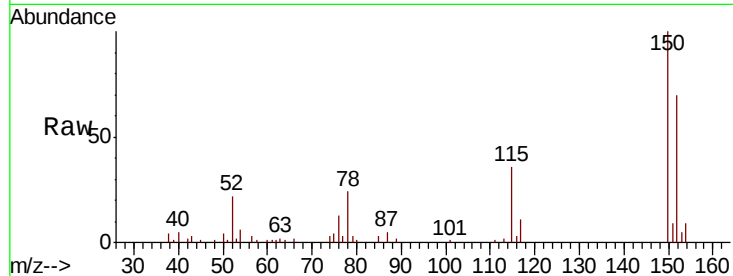


#1

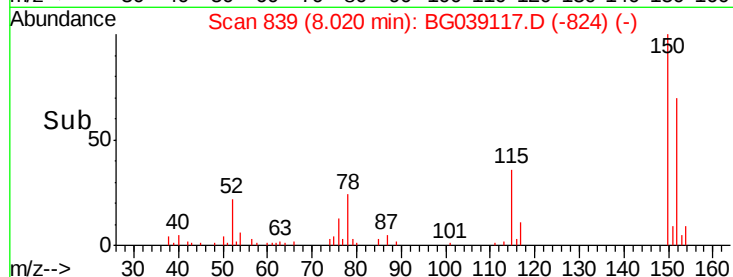
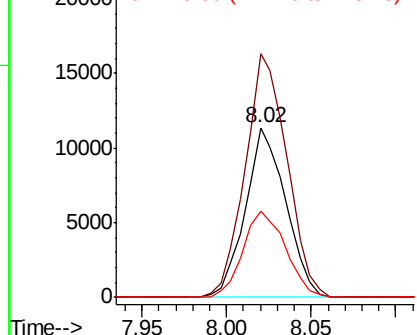
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039117.D
Acq: 12 Jan 2019 13:45

Instrument :
BNA_G
ClientSampleId :
ER-SOIL

Tot Ion:152 Resp: 18853
Ion Ratio Lower Upper
152 100
150 143.2 124.7 187.1
115 51.0 46.5 69.7



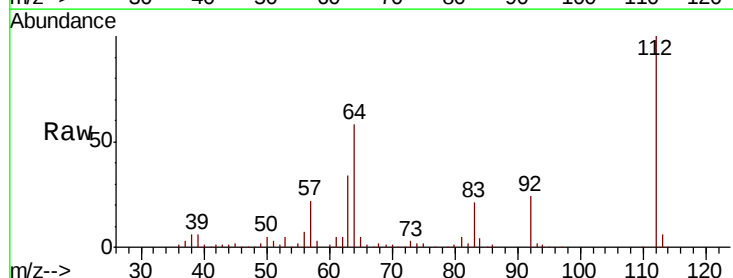
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



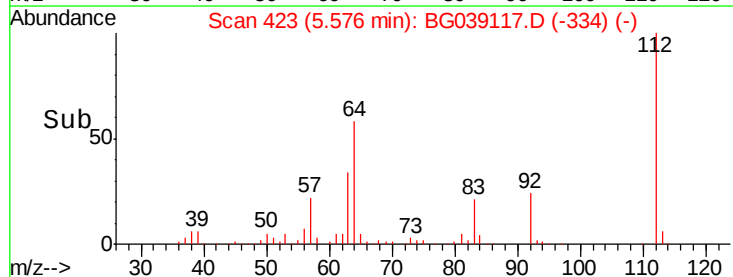
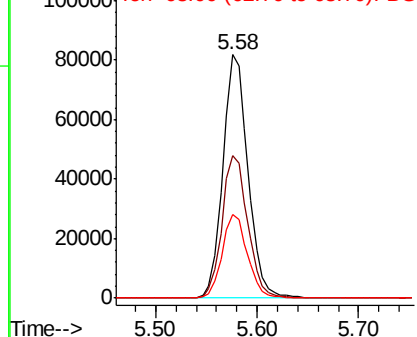
#5

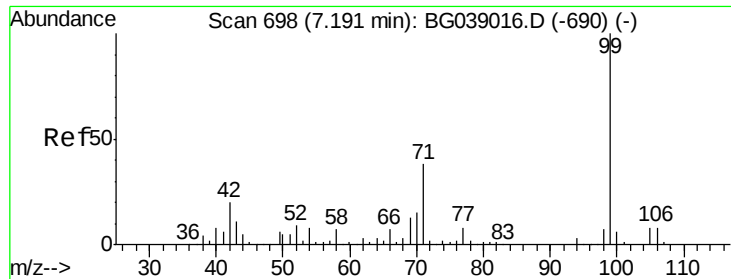
2-Fluorophenol
Concen: 141.153 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039117.D
Acq: 12 Jan 2019 13:45

Tgt Ion:112 Resp: 140284
Ion Ratio Lower Upper
112 100
64 58.3 47.0 70.6
63 34.4 28.0 42.0



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: 129.714 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039117.D

Acq: 12 Jan 2019 13:45

Instrument :

BNA_G

ClientSampled :

ER-SOIL

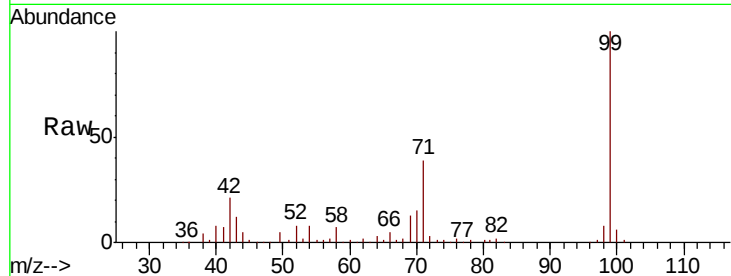
Tot Ion: 99 Resp: 185526

Ion Ratio Lower Upper

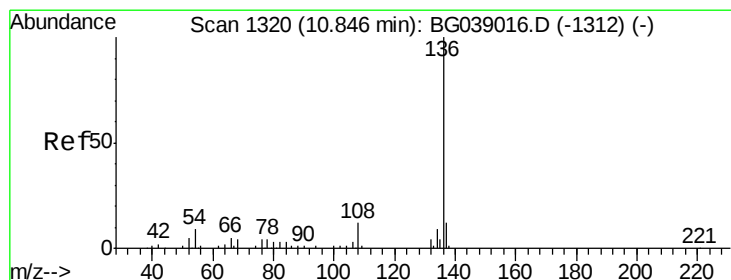
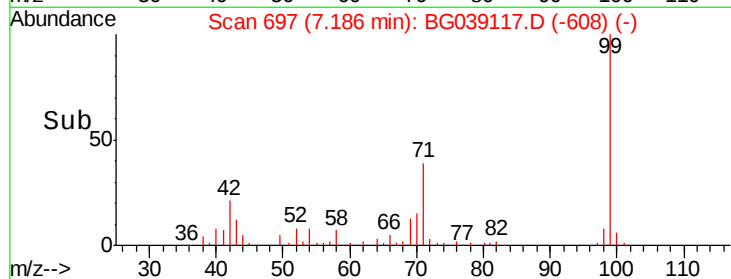
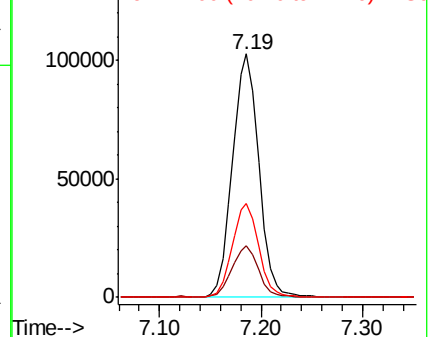
99 100

42 21.1 15.8 23.6

71 38.8 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039117.D

Acq: 12 Jan 2019 13:45

Tgt Ion: 136 Resp: 93416

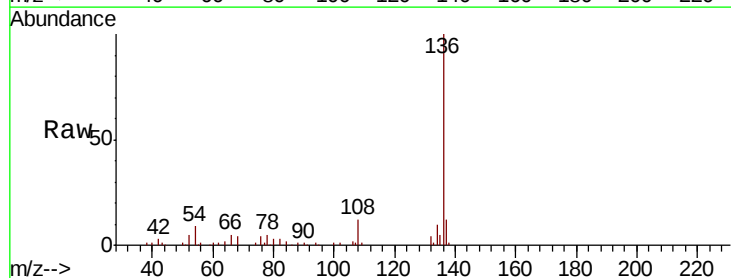
Ion Ratio Lower Upper

136 100

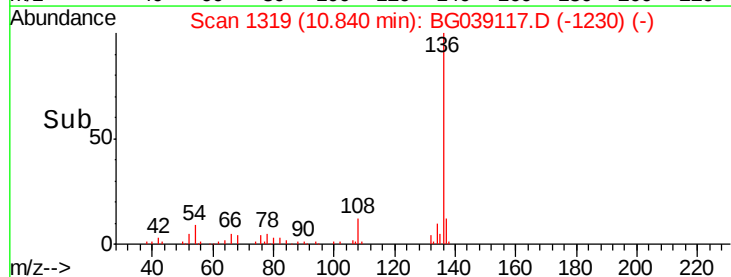
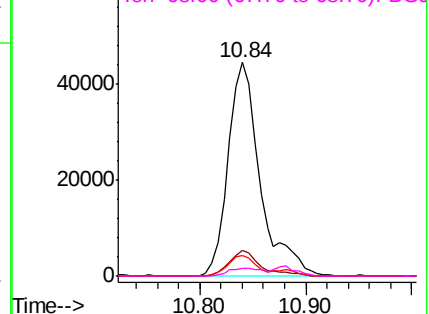
137 12.2 9.4 14.2

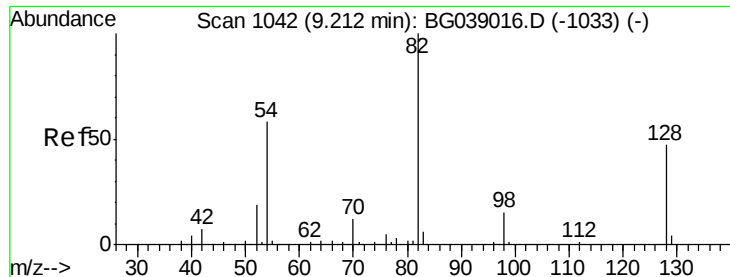
54 9.4 7.2 10.8

68 3.9 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

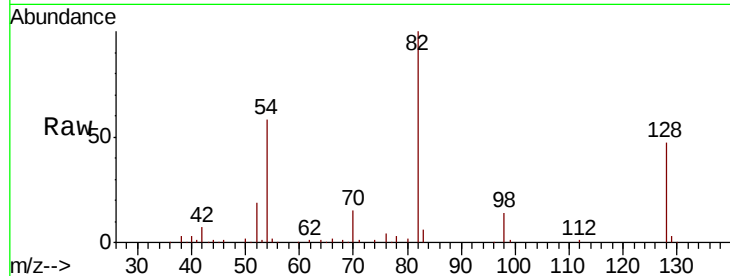




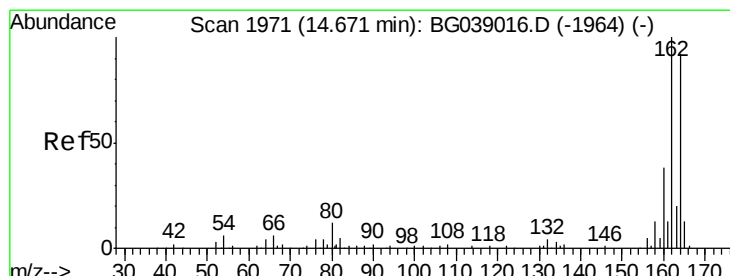
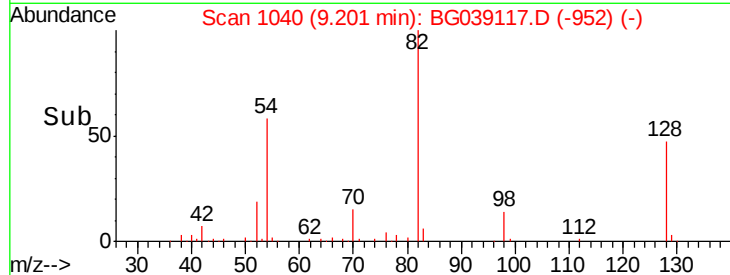
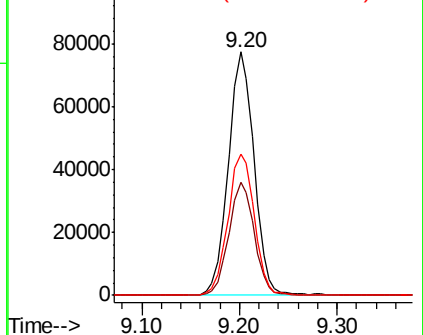
#23
 Nitrobenzene-d5
 Concen: 83.153 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039117.D
 Acq: 12 Jan 2019 13:45

Instrument :
 BNA_G
 ClientSampled :
 ER-SOIL

Tot Ion	82	Resp	141957
Ion Ratio	Lower	Upper	
82	100		
128	46.6	37.3	55.9
54	58.0	46.4	69.6

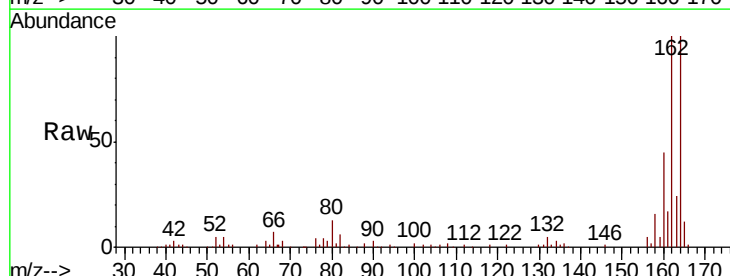


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

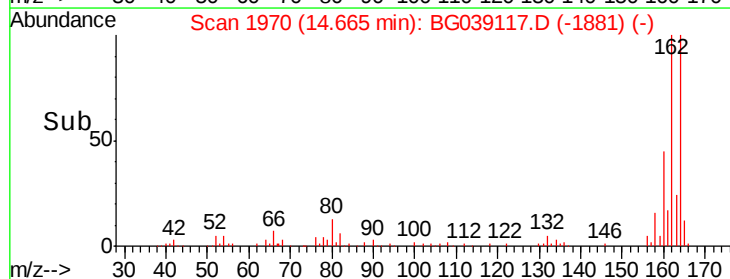
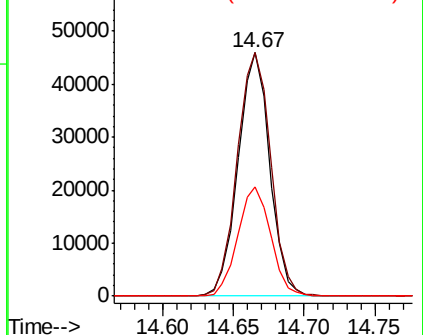


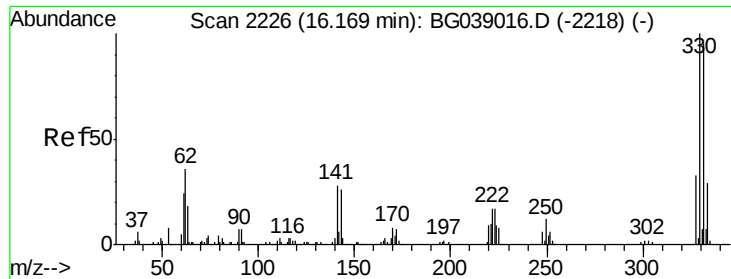
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039117.D
 Acq: 12 Jan 2019 13:45

Tgt Ion	164	Resp	71940
Ion Ratio	Lower	Upper	
164	100		
162	99.9	87.2	130.8
160	44.8	33.3	49.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 152.771 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039117.D

Acq: 12 Jan 2019 13:45

Instrument :

BNA_G

ClientSampleId :

ER-SOIL

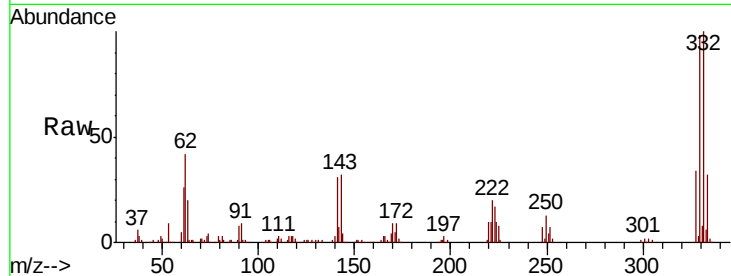
Tot Ion:330 Resp: 184229

Ion Ratio Lower Upper

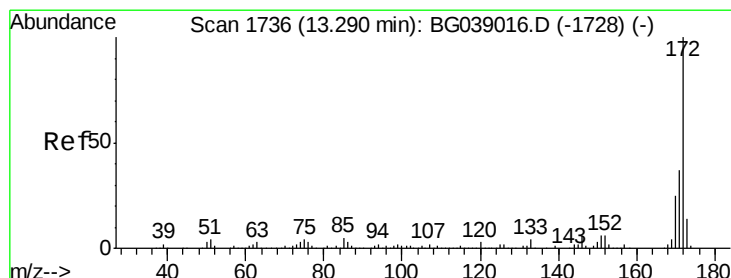
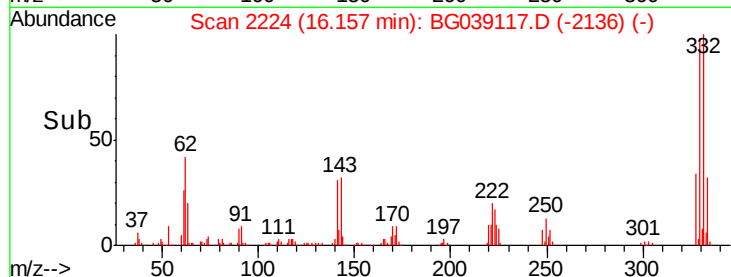
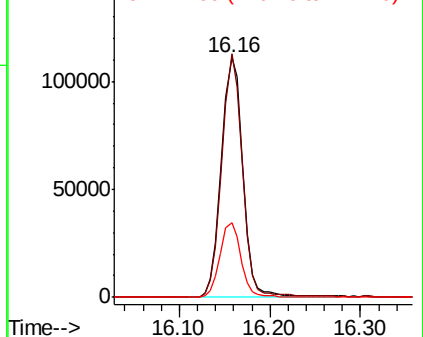
330 100

332 97.3 75.7 113.5

141 30.4 24.9 37.3



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



#45

2-Fluorobiphenyl

Concen: 83.496 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039117.D

Acq: 12 Jan 2019 13:45

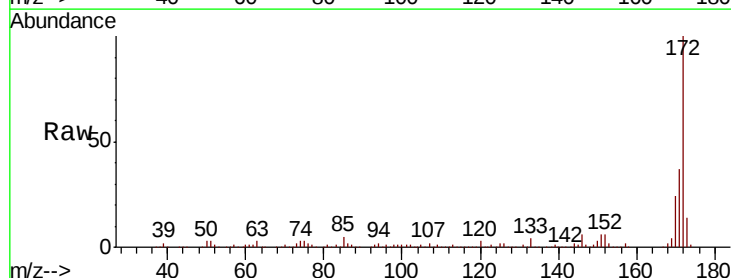
Tgt Ion:172 Resp: 438905

Ion Ratio Lower Upper

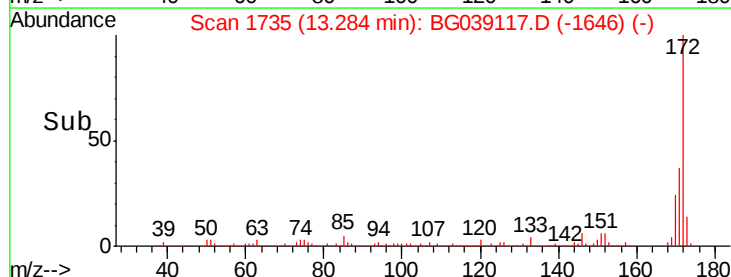
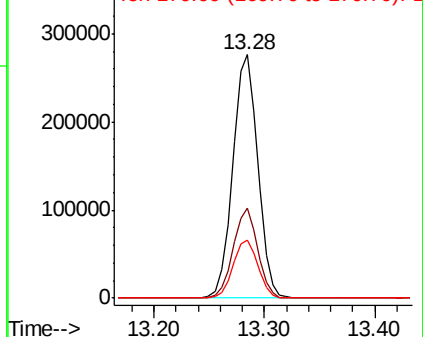
172 100

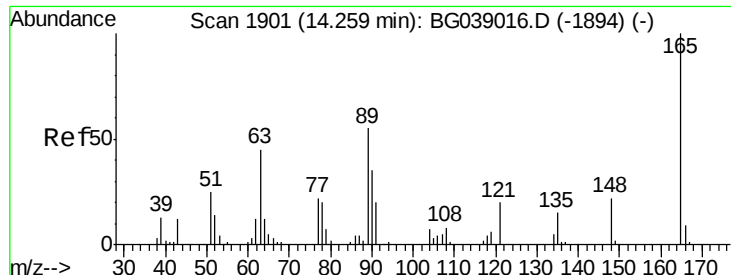
171 37.1 29.4 44.0

170 24.1 20.1 30.1



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

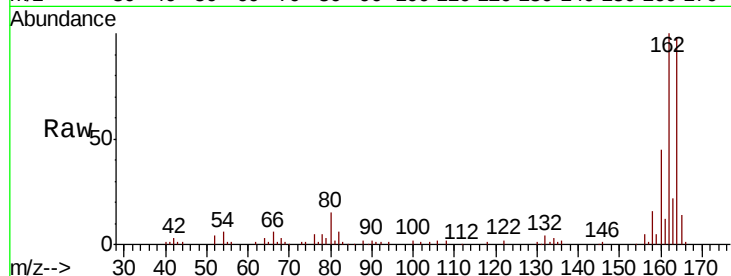




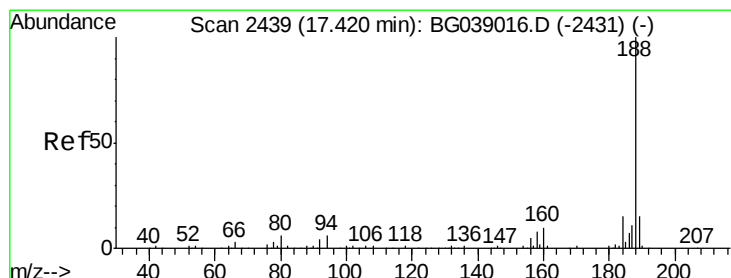
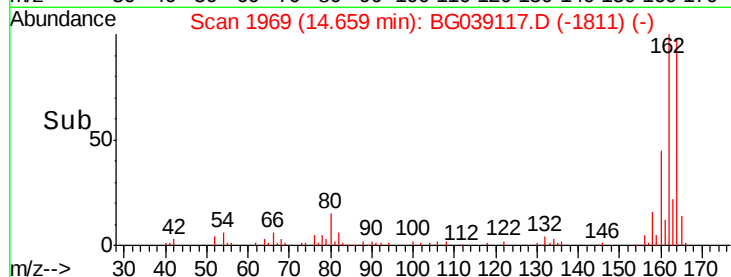
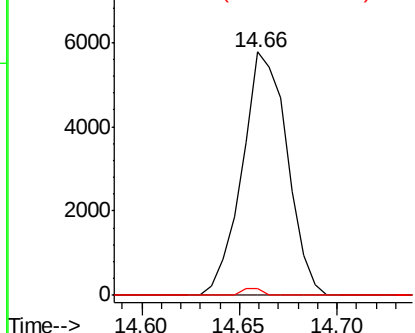
#51
 2,6-Dinitrotoluene
 Concen: 6.775 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039117.D
 Acq: 12 Jan 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 ER-SOIL

Tot Ion:165 Resp: 9209
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 2.8 43.7 65.5#

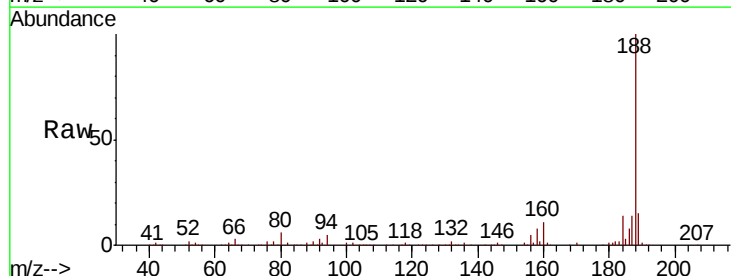


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

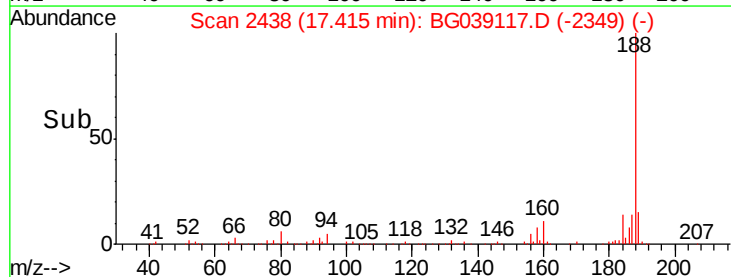
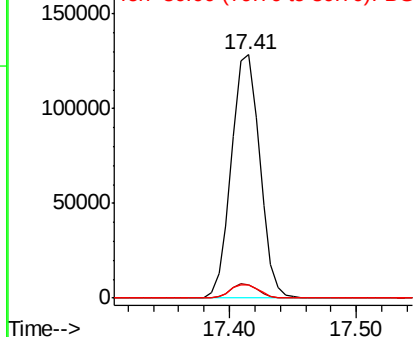


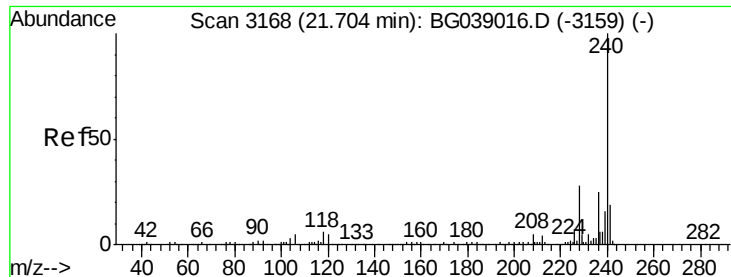
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039117.D
 Acq: 12 Jan 2019 13:45

Tgt Ion:188 Resp: 199109
 Ion Ratio Lower Upper
 188 100
 94 5.4 5.0 7.4
 80 5.7 4.7 7.1



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

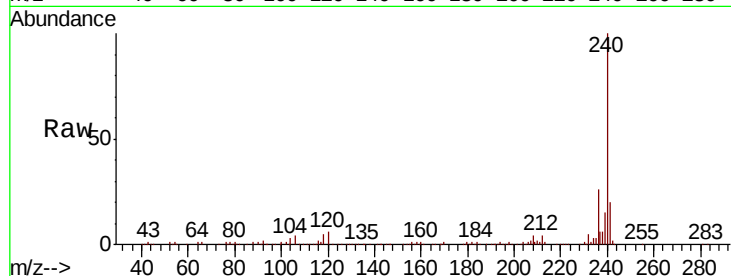




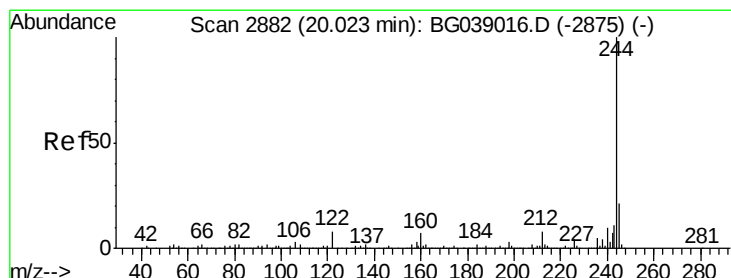
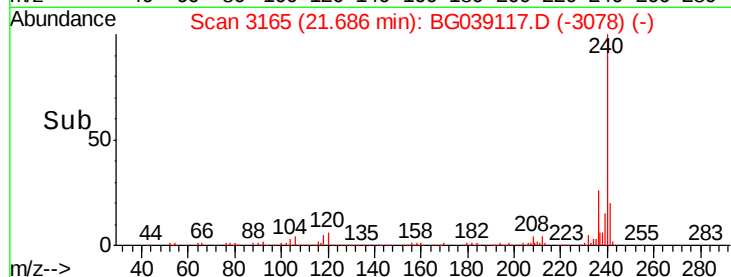
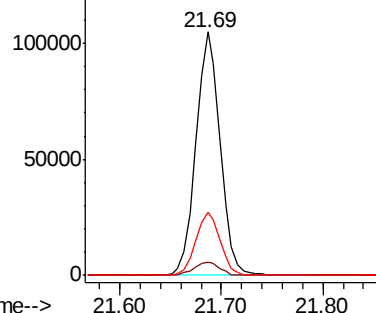
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG039117.D
Acq: 12 Jan 2019 13:45

Instrument :
BNA_G
ClientSampled :
ER-SOIL

Tot Ion:240 Resp: 173272
Ion Ratio Lower Upper
240 100
120 5.7 4.3 6.5
236 26.2 20.1 30.1

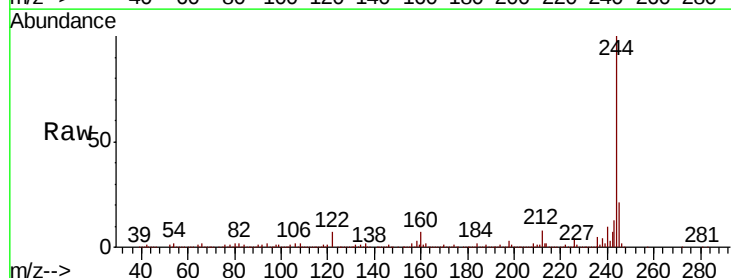


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

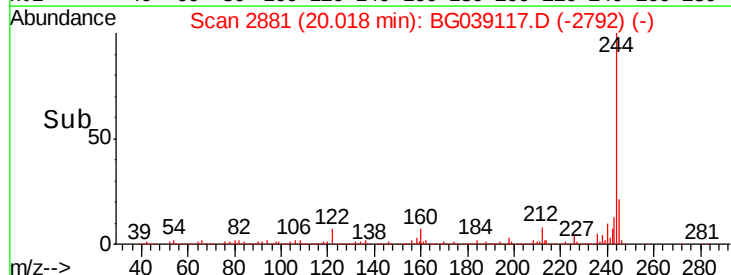
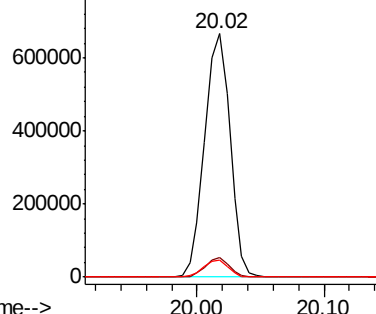


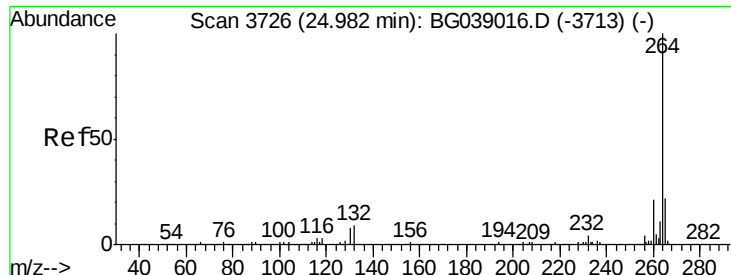
#79
Terphenyl-d14
Concen: 98.910 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG039117.D
Acq: 12 Jan 2019 13:45

Tgt Ion:244 Resp: 926446
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 7.2 6.1 9.1



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.02 min
Lab File: BG039117.D
Acq: 12 Jan 2019 13:45

Instrument :
BNA_G
ClientSampleId :
ER-SOIL

Tot Ion:	264	Resp:	184358
Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	22.5	17.2	25.8

