

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039098.D
 Acq On : 11 Jan 2019 23:22
 Operator : JU/SJ
 Sample : K1100-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM-C

Quant Time: Jan 12 00:46:36 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	29665	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	114945	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	78653	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	194618	20.00	ng	0.00
76) Chrysene-d12	21.69	240	208065	20.00	ng	-0.01
87) Perylene-d12	24.96	264	209849	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	229517	146.77	ng	0.00
7) Phenol-d6	7.19	99	273744	121.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	198542	94.52	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	146537	111.14	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	518292	90.18	ng	0.00
79) Terphenyl-d14	20.01	244	984213	87.51	ng	0.00

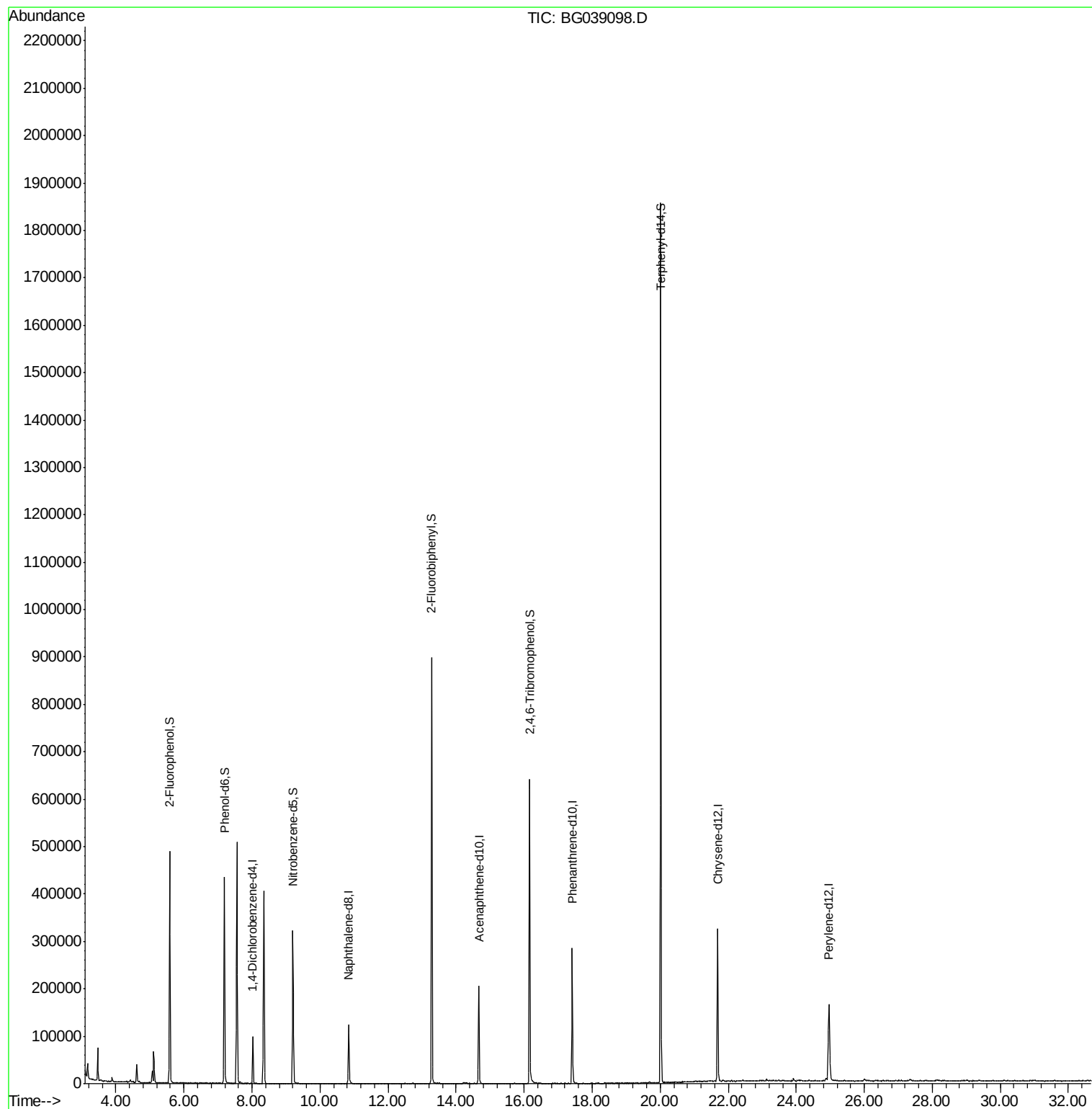
Target Compounds Qvalue

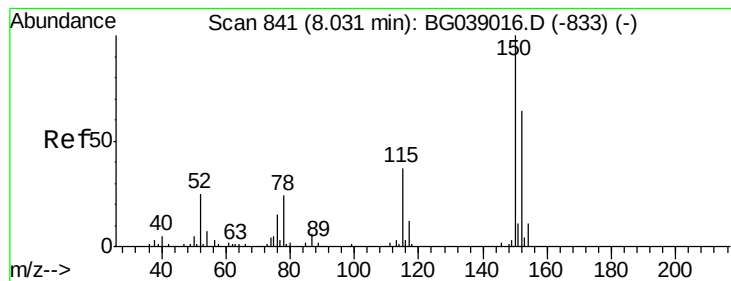
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039098.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1100-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-C

Quant Time: Jan 12 00:46:36 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



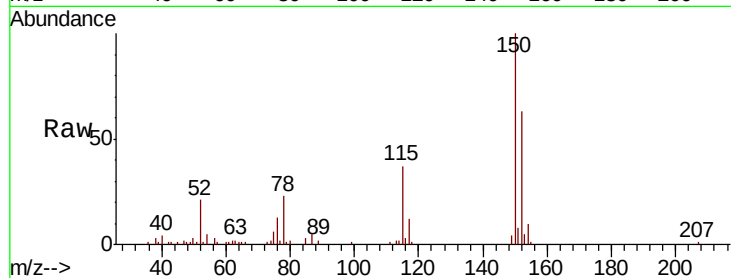


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039098.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.7	187.1
115	58.8	46.5	69.7

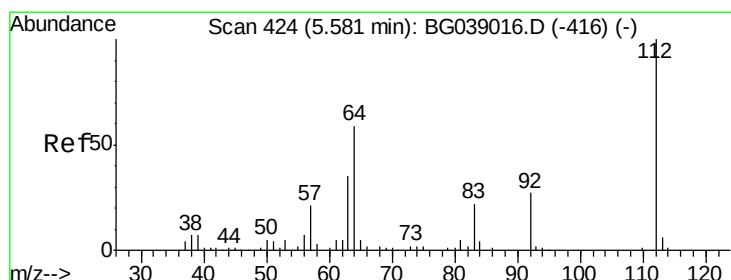
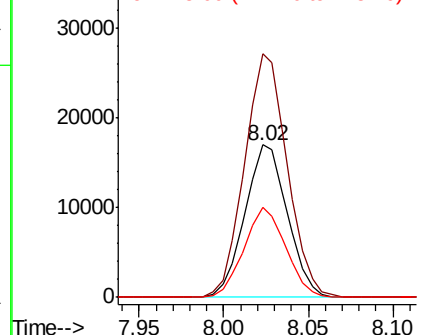
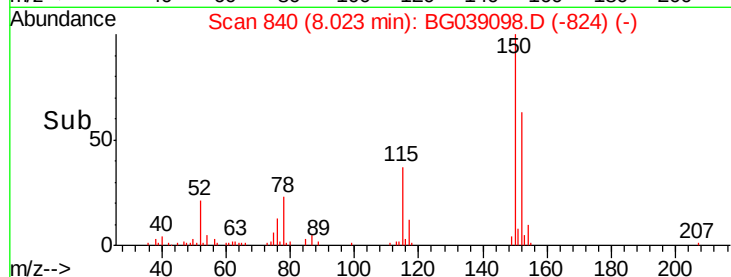


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

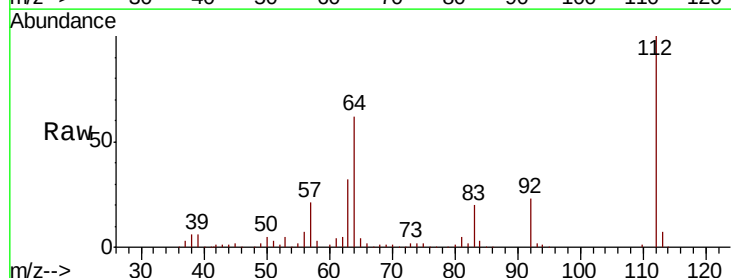
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.769 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039098.D
Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.0	70.6
63	32.0	28.0	42.0

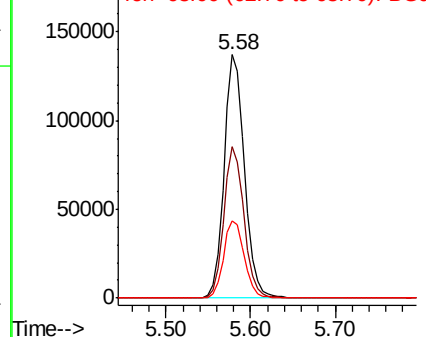
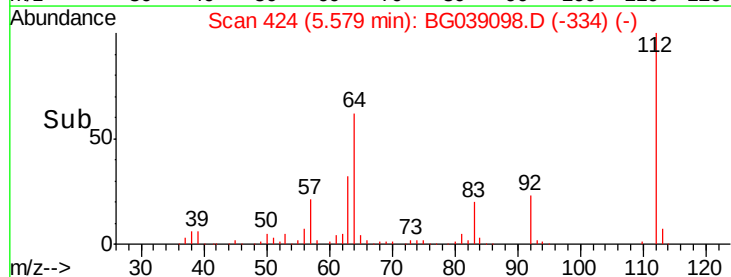


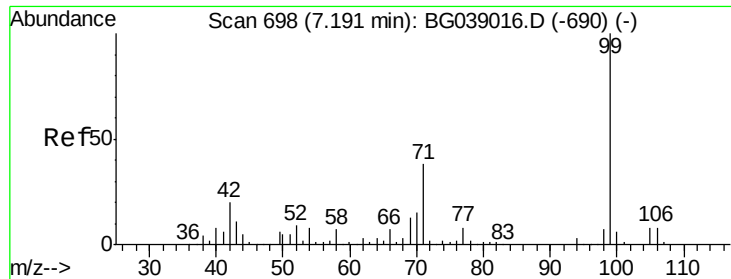
Abundance

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: 121.636 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039098.D

Acq: 11 Jan 2019 23:22

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM-C

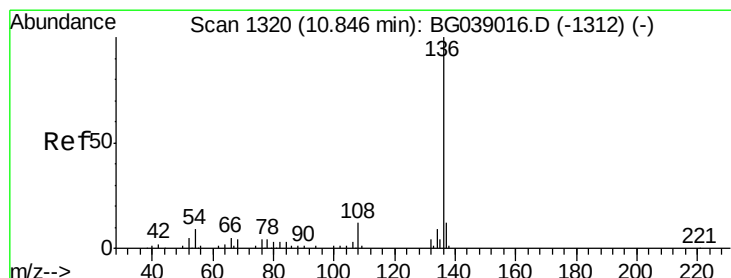
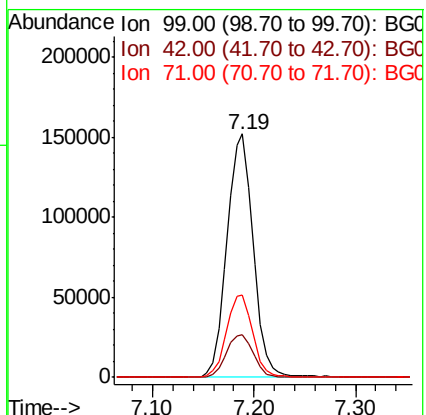
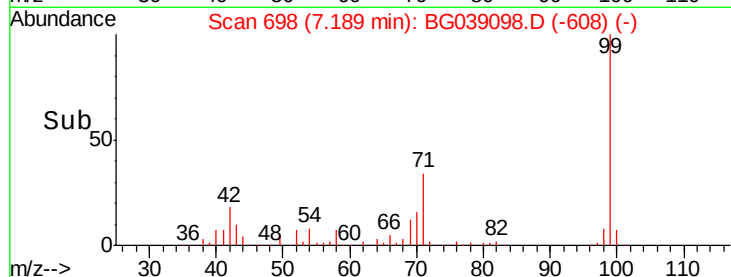
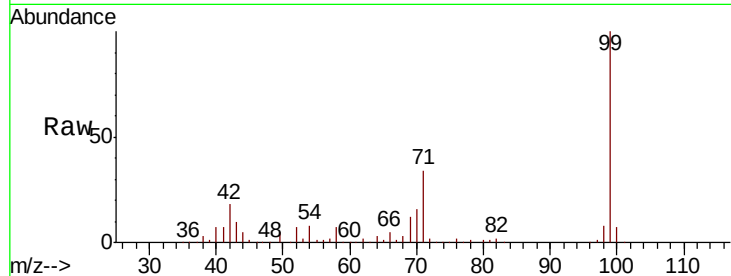
Tot Ion: 99 Resp: 273744

Ion Ratio Lower Upper

99 100

42 17.6 15.8 23.6

71 33.9 30.2 45.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039098.D

Acq: 11 Jan 2019 23:22

Tgt Ion: 136 Resp: 114945

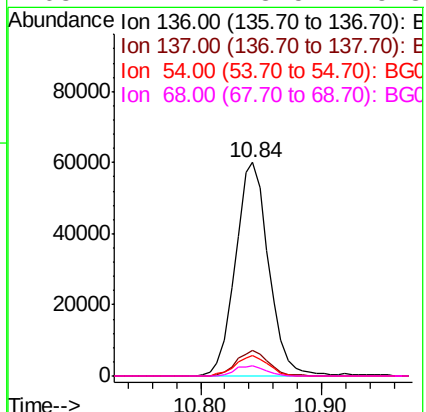
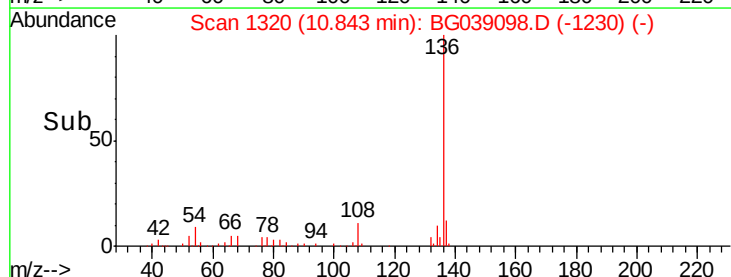
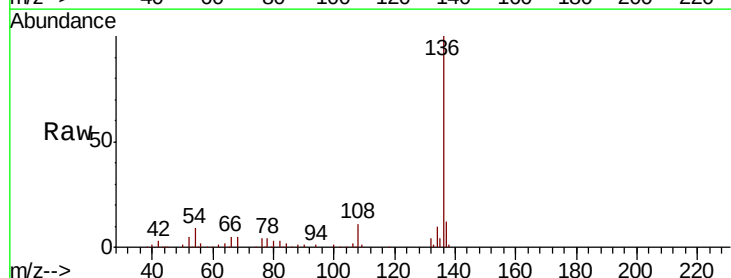
Ion Ratio Lower Upper

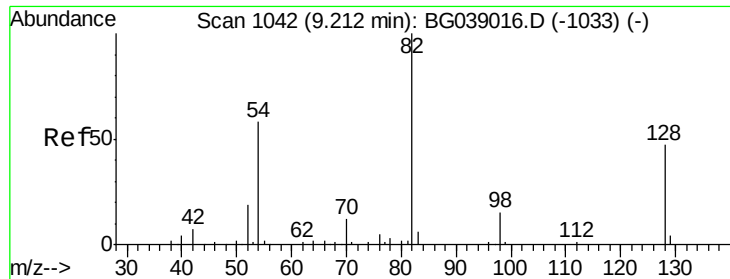
136 100

137 11.9 9.4 14.2

54 9.4 7.2 10.8

68 4.7 3.5 5.3

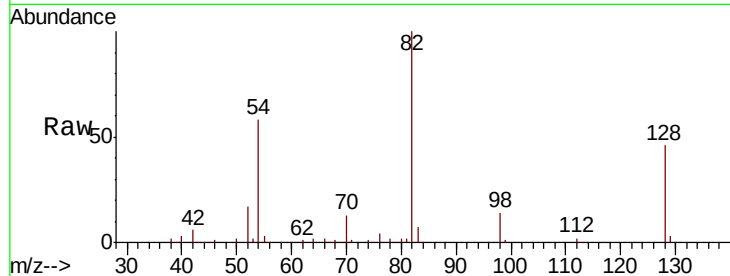




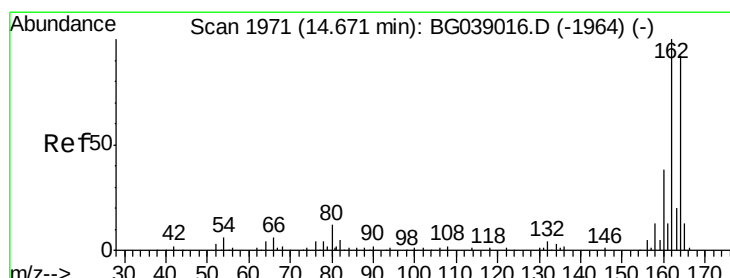
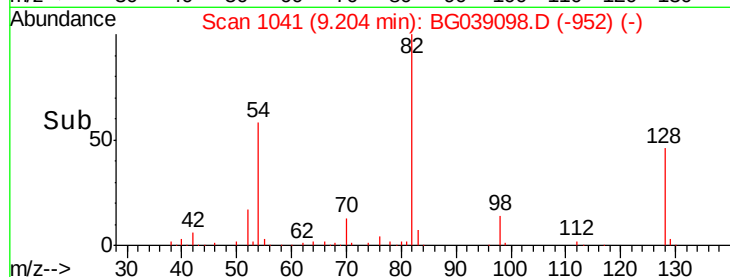
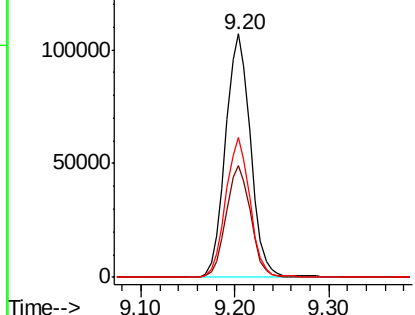
#23
Nitrobenzene-d5
Concen: 94.516 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039098.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-C

Tot Ion: 82 Resp: 198542
Ion Ratio Lower Upper
82 100
128 45.9 37.3 55.9
54 57.5 46.4 69.6

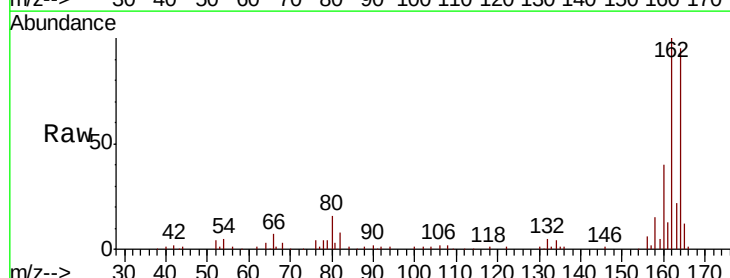


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

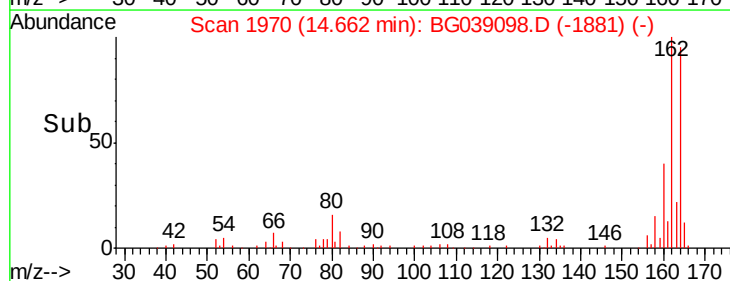
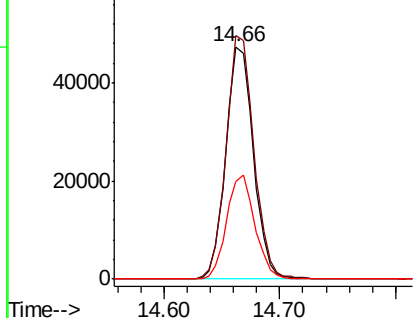


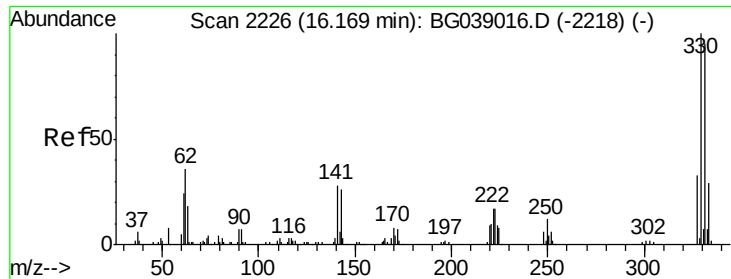
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039098.D
Acq: 11 Jan 2019 23:22

Tgt Ion:164 Resp: 78653
Ion Ratio Lower Upper
164 100
162 104.9 87.2 130.8
160 42.0 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

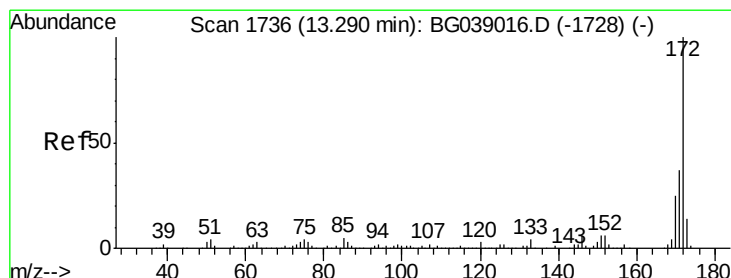
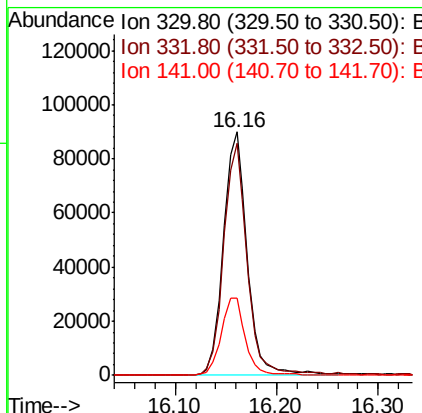
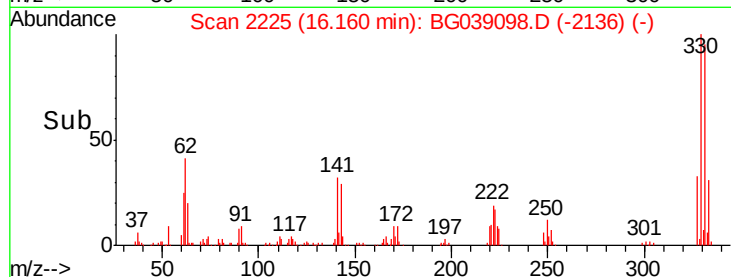
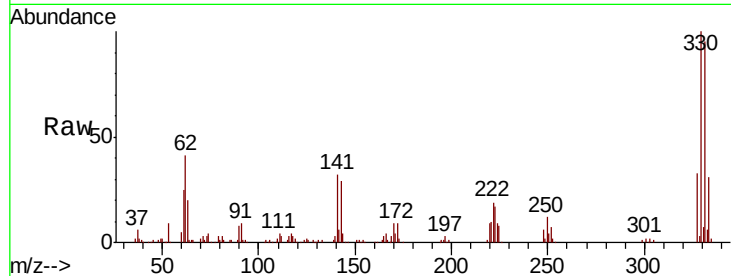




#42
 2,4,6-Tribromophenol
 Concen: 111.144 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039098.D
 Acq: 11 Jan 2019 23:22

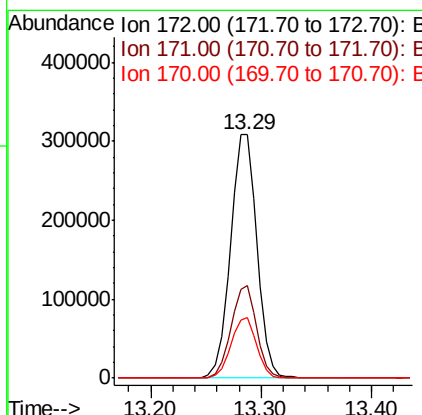
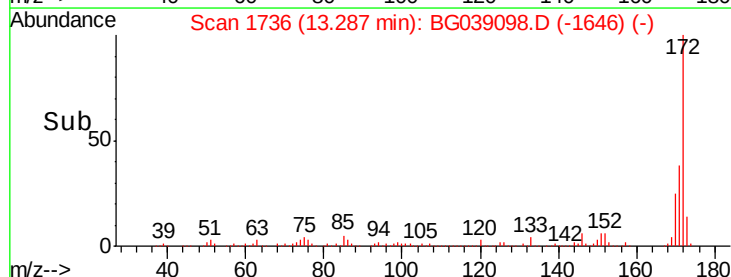
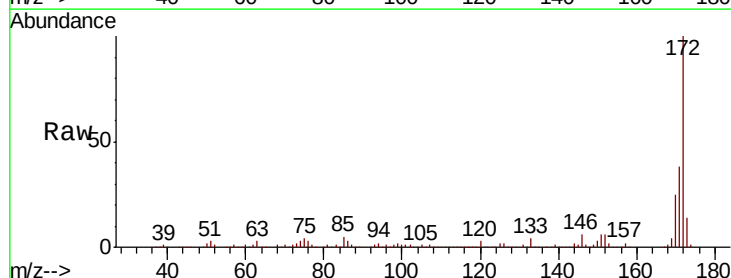
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM-C

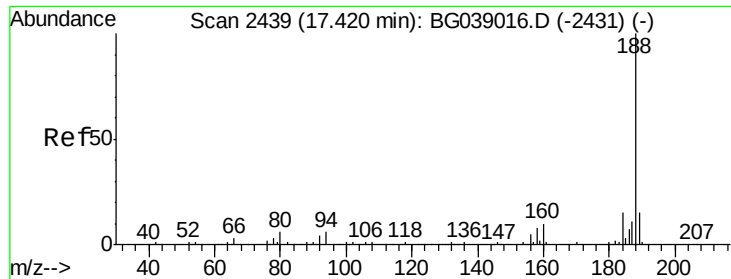
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	32.4	24.9	37.3



#45
 2-Fluorobiphenyl
 Concen: 90.183 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039098.D
 Acq: 11 Jan 2019 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.0
170	25.0	20.1	30.1

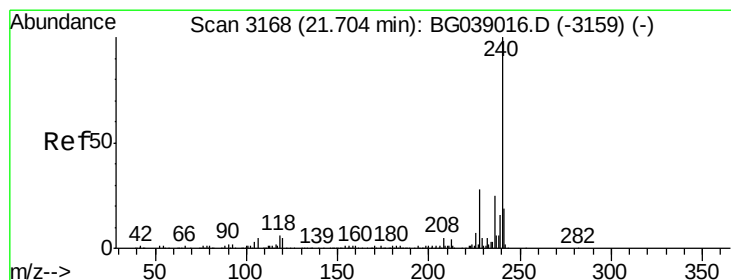
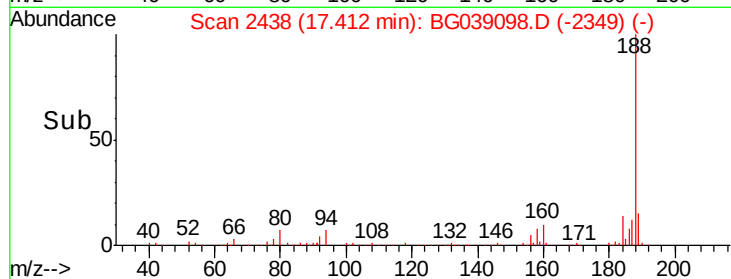
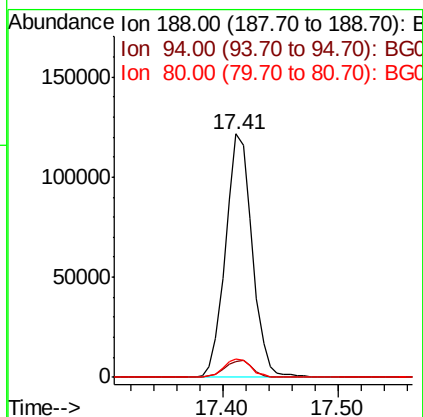
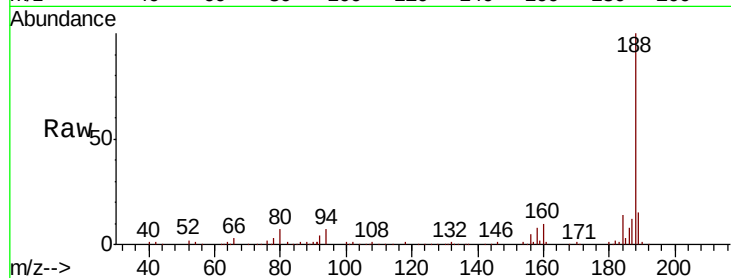




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039098.D
Acq: 11 Jan 2019 23:22

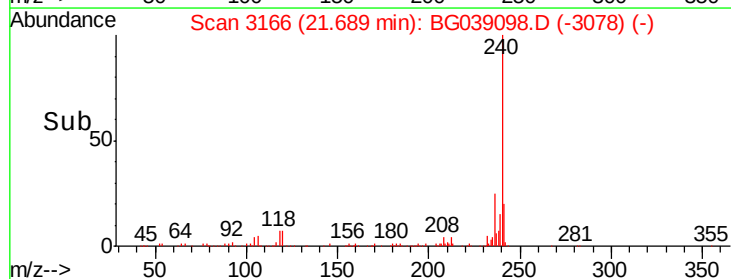
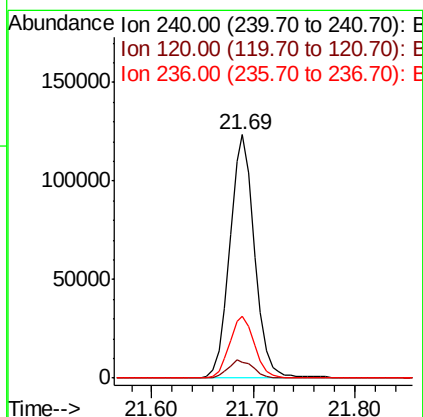
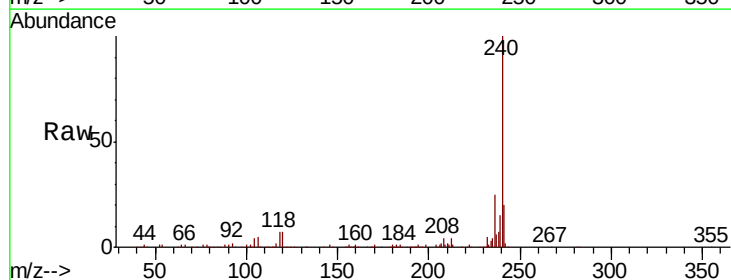
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-C

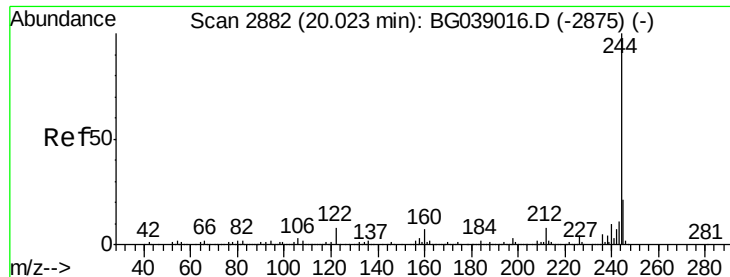
Tot Ion:188 Resp: 194618
Ion Ratio Lower Upper
188 100
94 6.6 5.0 7.4
80 7.4 4.7 7.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039098.D
Acq: 11 Jan 2019 23:22

Tgt Ion:240 Resp: 208065
Ion Ratio Lower Upper
240 100
120 6.6 4.3 6.5#
236 25.2 20.1 30.1





#79

Terphenyl-d14

Concen: 87.506 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039098.D

Acq: 11 Jan 2019 23:22

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM-C

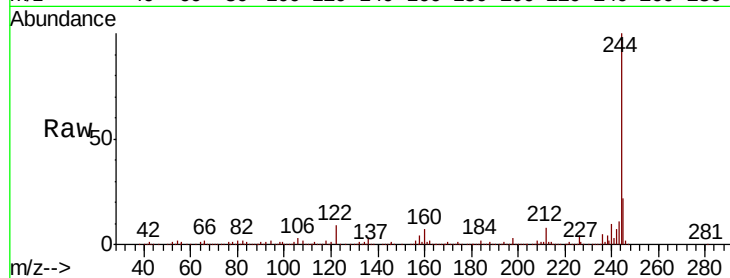
Tot Ion:244 Resp: 984213

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

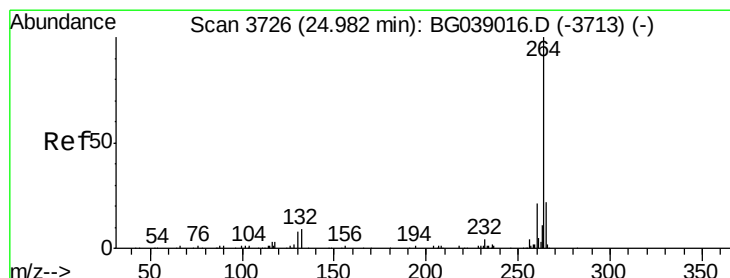
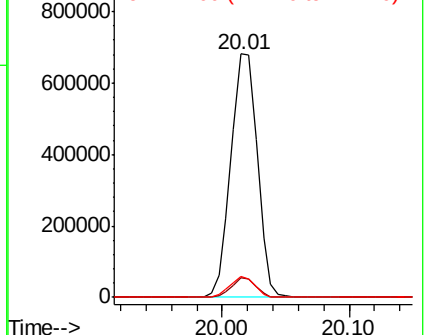
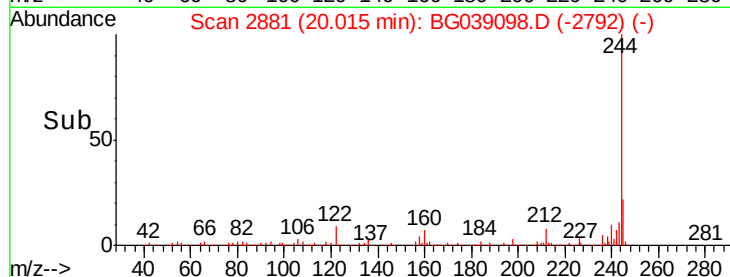
122 8.6 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039098.D

Acq: 11 Jan 2019 23:22

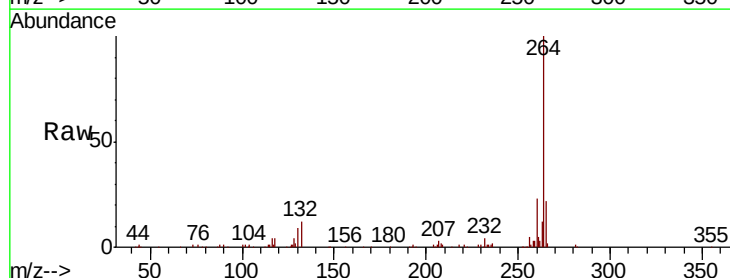
Tgt Ion:264 Resp: 209849

Ion Ratio Lower Upper

264 100

260 23.4 17.0 25.6

265 21.8 17.2 25.8



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

