

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039118.D
 Acq On : 12 Jan 2019 14:24
 Operator : JU/SJ
 Sample : K1118-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FENCE-SOIL-PILE-1

Quant Time: Jan 14 11:01:08 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	19624	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	86031	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	71464	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	193518	20.00	ng	0.00
76) Chrysene-d12	21.69	240	179160	20.00	ng	-0.01
87) Perylene-d12	24.96	264	181538	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	139654	135.00	ng	0.00
7) Phenol-d6	7.18	99	178131	119.65	ng	0.00
23) Nitrobenzene-d5	9.20	82	145118	92.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	156962	131.03	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	449279	86.04	ng	0.00
79) Terphenyl-d14	20.02	244	925470	95.56	ng	0.00

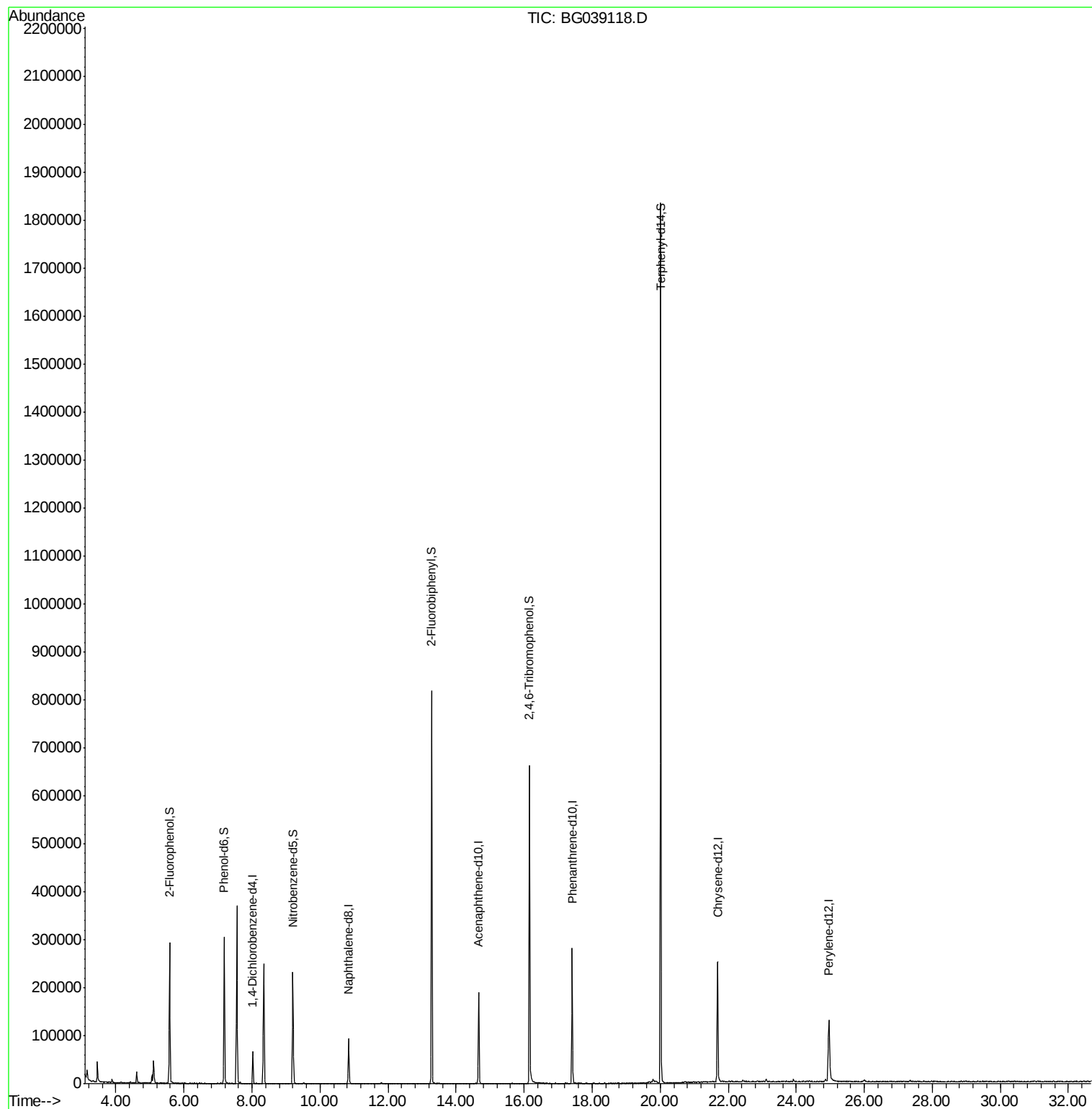
Target Compounds Qvalue

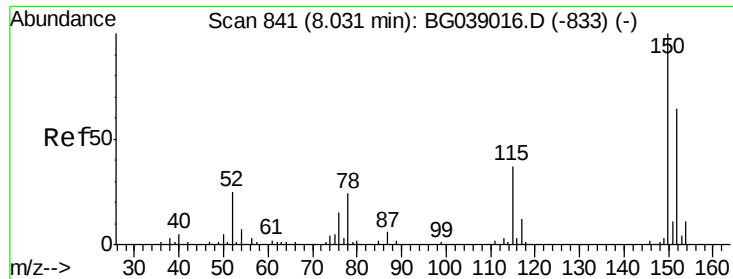
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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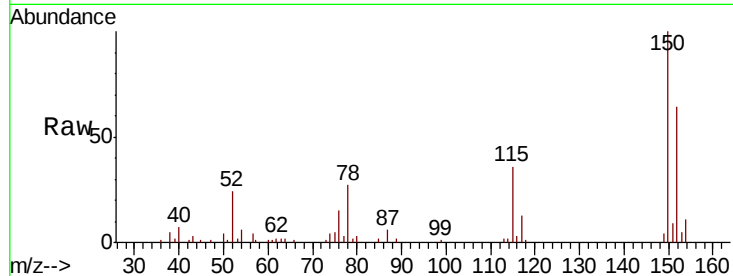


#1

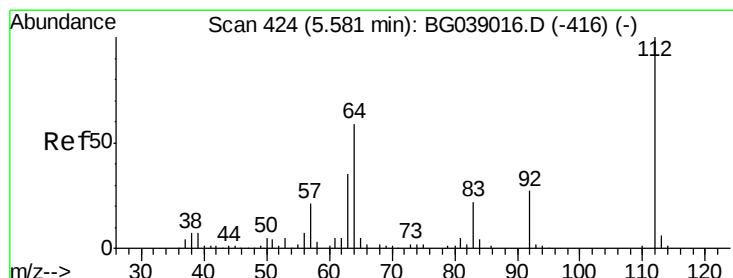
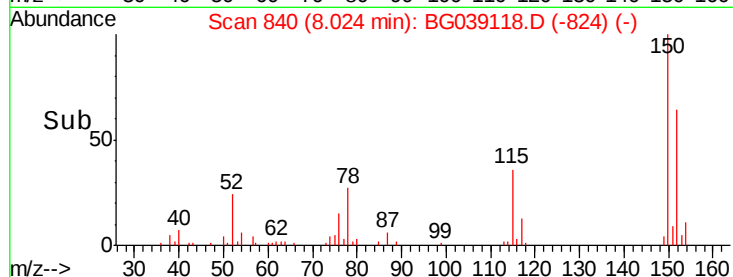
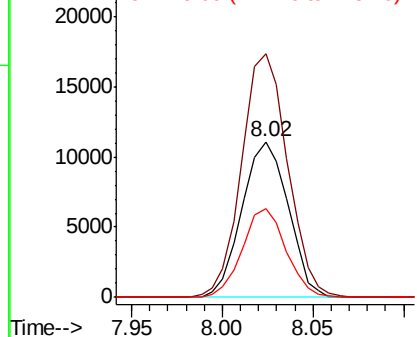
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039118.D
Acq: 12 Jan 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FENCE-SOIL-PILE-1

Tot Ion:152 Resp: 19624
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 56.8 46.5 69.7



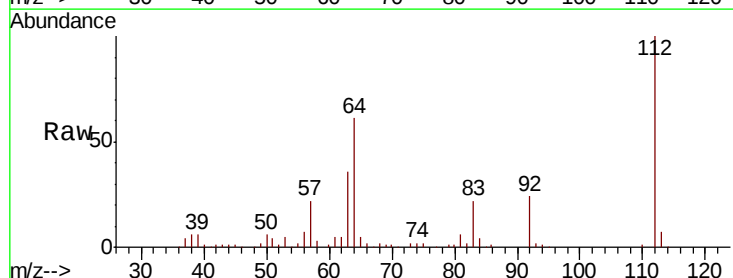
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



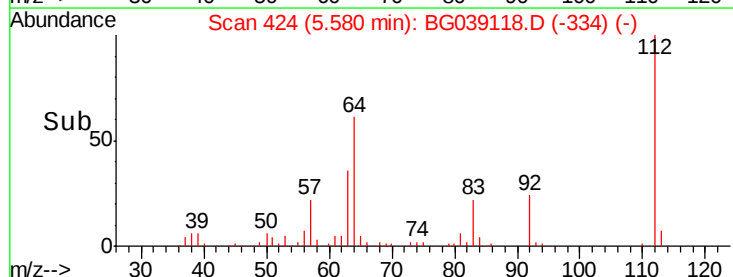
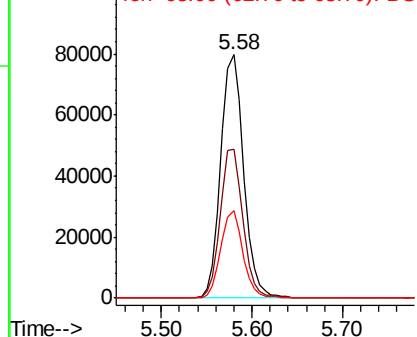
#5

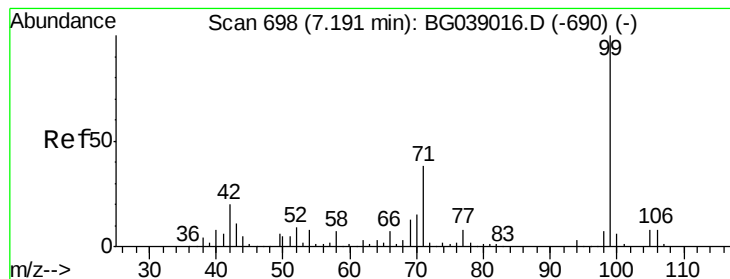
2-Fluorophenol
Concen: 134.999 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039118.D
Acq: 12 Jan 2019 14:24

Tgt Ion:112 Resp: 139654
Ion Ratio Lower Upper
112 100
64 61.0 47.0 70.6
63 36.0 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: 119.651 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039118.D

Acq: 12 Jan 2019 14:24

Instrument :

BNA_G

ClientSampleId :

FENCE-SOIL-PILE-1

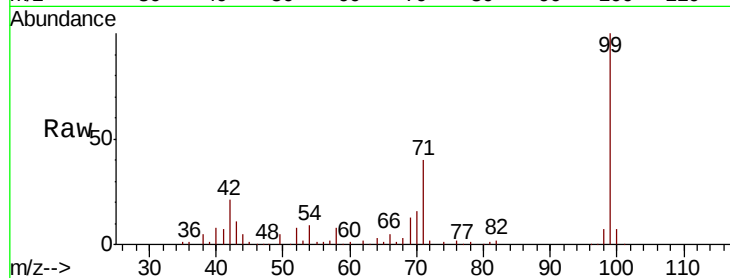
Tot Ion: 99 Resp: 178131

Ion Ratio Lower Upper

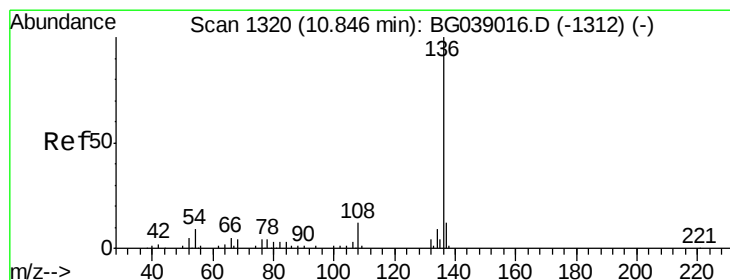
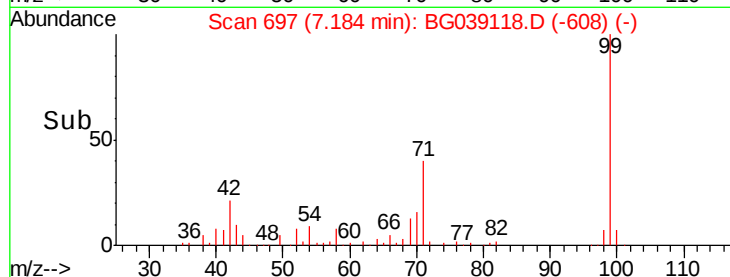
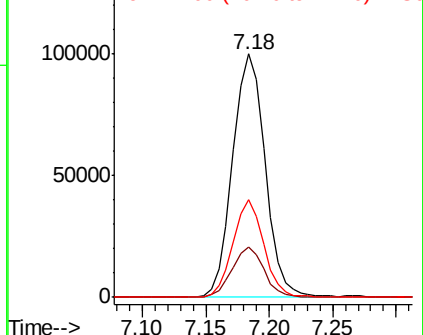
99 100

42 20.6 15.8 23.6

71 39.9 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: BG039118.D

Acq: 12 Jan 2019 14:24

Tgt Ion: 136 Resp: 86031

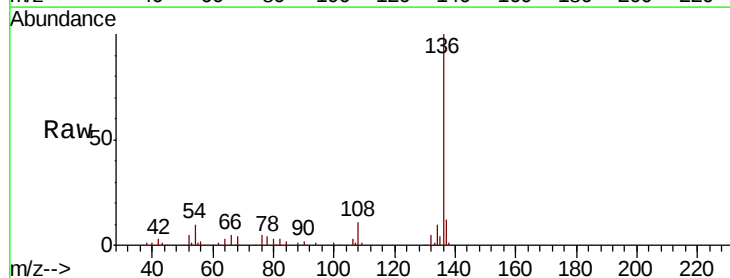
Ion Ratio Lower Upper

136 100

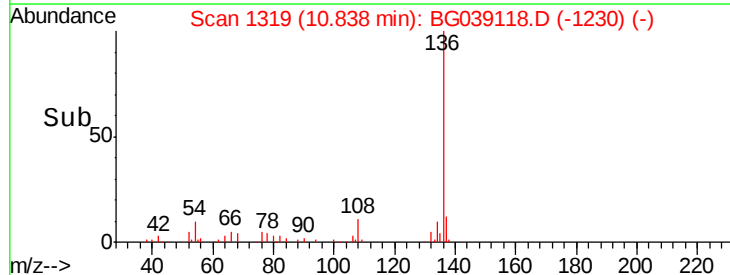
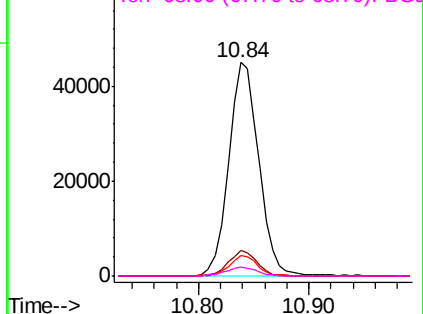
137 11.8 9.4 14.2

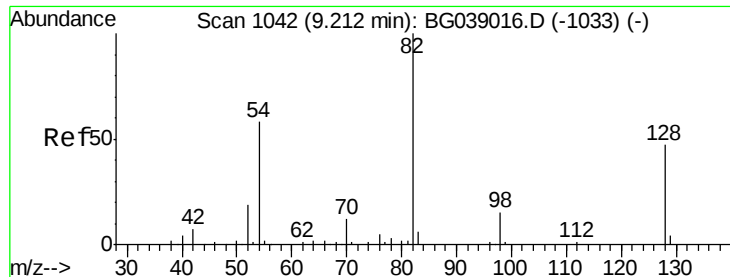
54 9.9 7.2 10.8

68 4.1 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

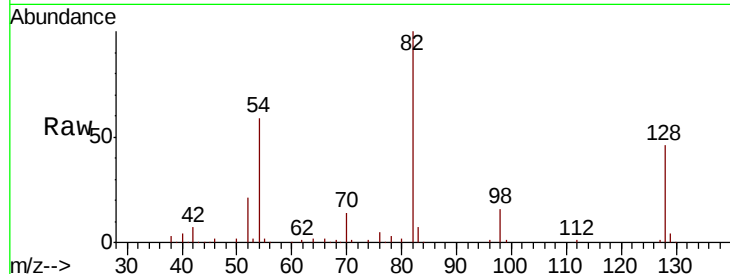




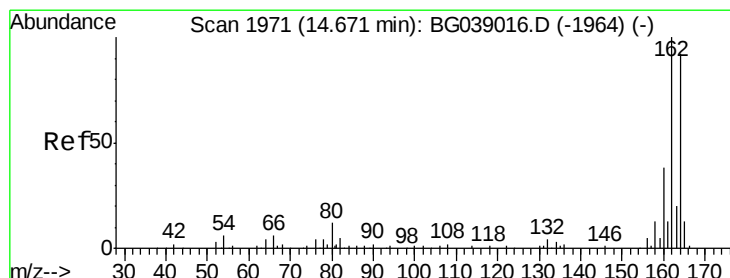
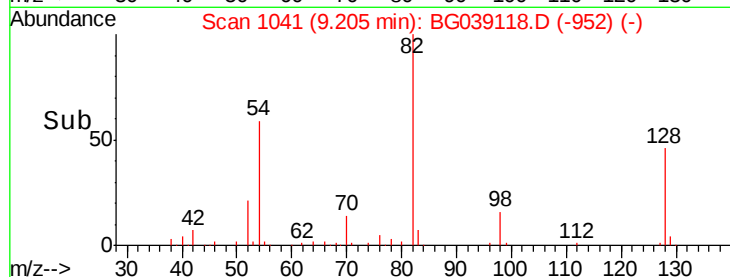
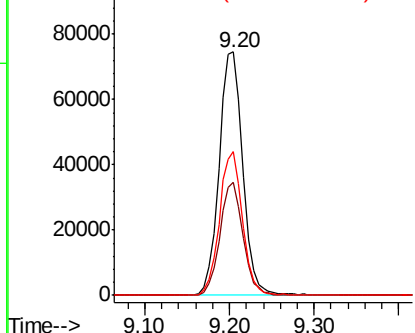
#23
Nitrobenzene-d5
Concen: 92.301 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039118.D
Acq: 12 Jan 2019 14:24

Instrument :
BNA_G
ClientSampleId :
FENCE-SOIL-PILE-1

Tot Ion: 82 Resp: 145118
Ion Ratio Lower Upper
82 100
128 46.3 37.3 55.9
54 58.9 46.4 69.6

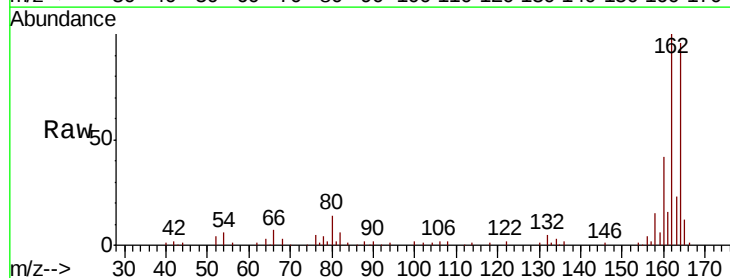


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

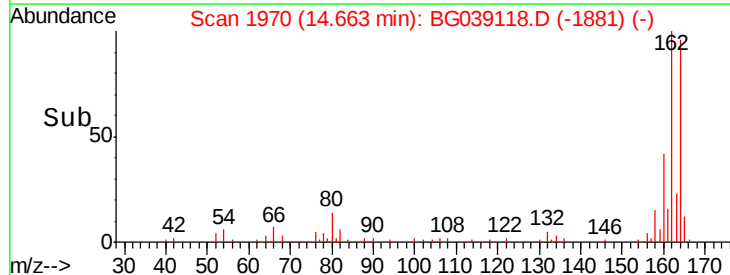
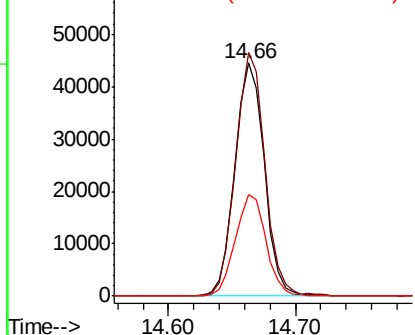


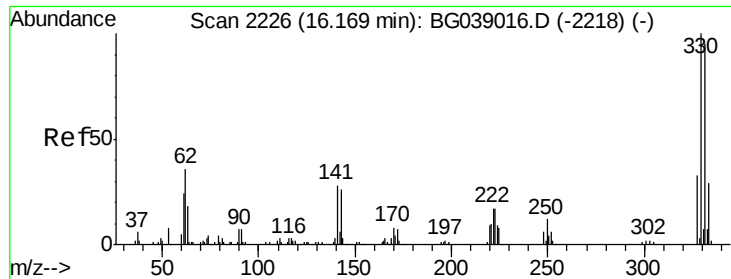
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039118.D
Acq: 12 Jan 2019 14:24

Tgt Ion: 164 Resp: 71464
Ion Ratio Lower Upper
164 100
162 104.5 87.2 130.8
160 43.7 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

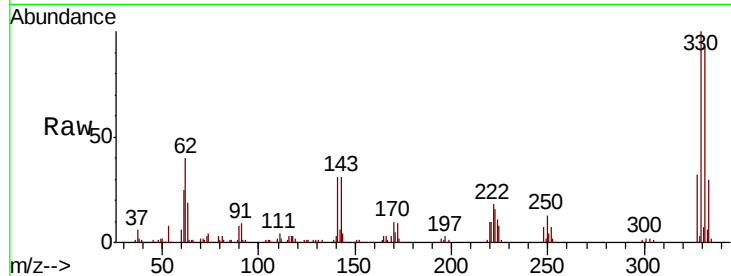




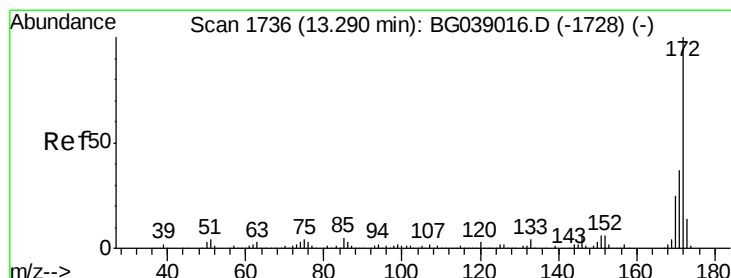
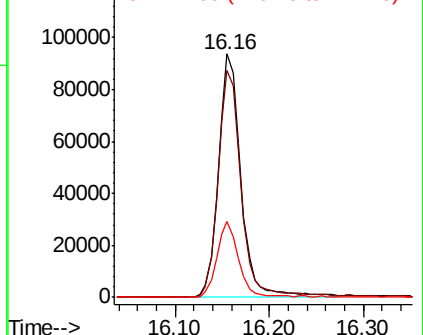
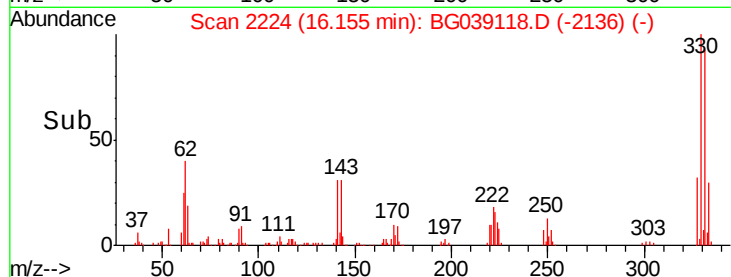
#42
 2,4,6-Tribromophenol
 Concen: 131.027 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039118.D
 Acq: 12 Jan 2019 14:24

Instrument :
 BNA_G
 ClientSampleId :
 FENCE-SOIL-PILE-1

Tot Ion:330 Resp: 156962
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 30.1 24.9 37.3

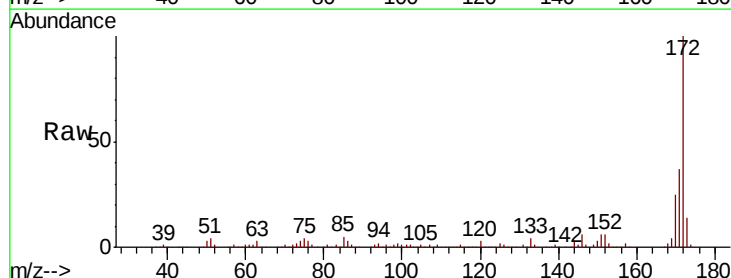


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

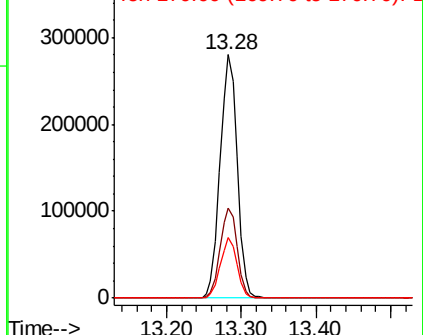
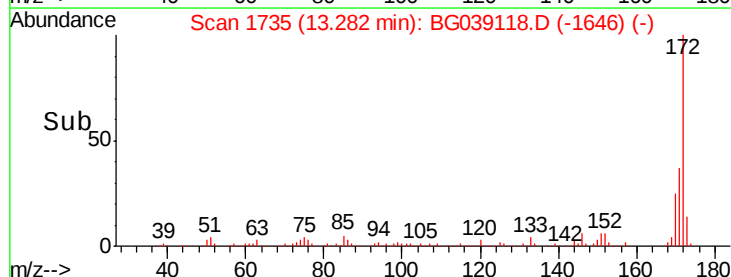


#45
 2-Fluorobiphenyl
 Concen: 86.039 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039118.D
 Acq: 12 Jan 2019 14:24

Tgt Ion:172 Resp: 449279
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039118.D

Acq: 12 Jan 2019 14:24

Instrument :

BNA_G

ClientSampleId :

FENCE-SOIL-PILE-1

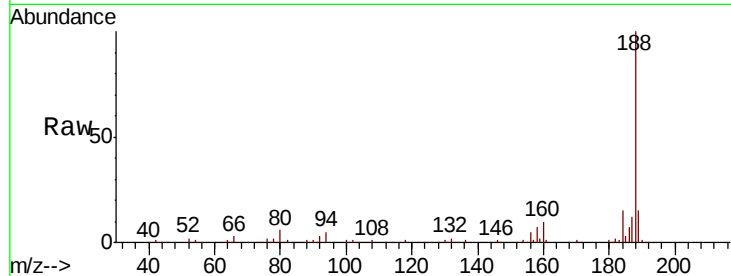
Tot Ion:188 Resp: 193518

Ion Ratio Lower Upper

188 100

94 5.0 5.0 7.4

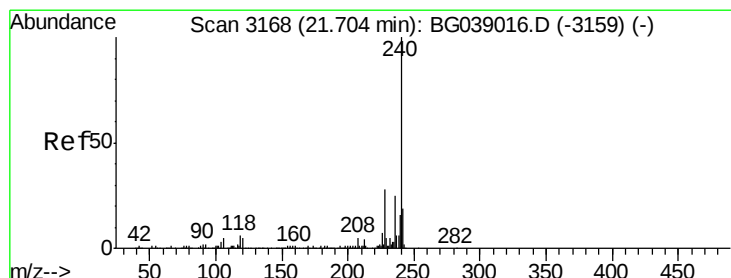
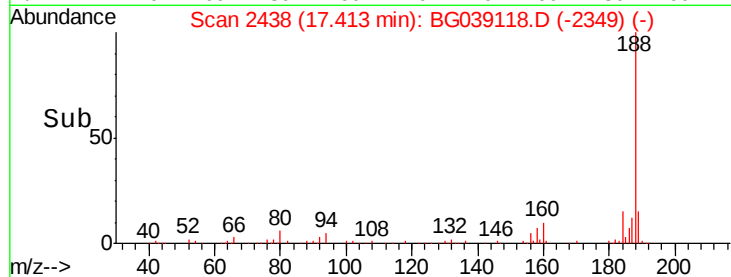
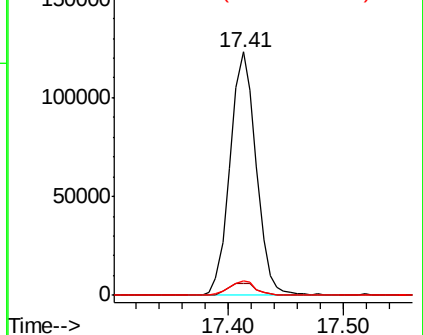
80 6.0 4.7 7.1



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# 3166

Delta R.T. -0.01 min

Lab File: BG039118.D

Acq: 12 Jan 2019 14:24

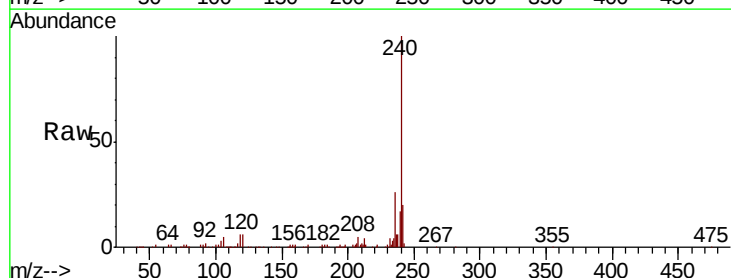
Tgt Ion:240 Resp: 179160

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

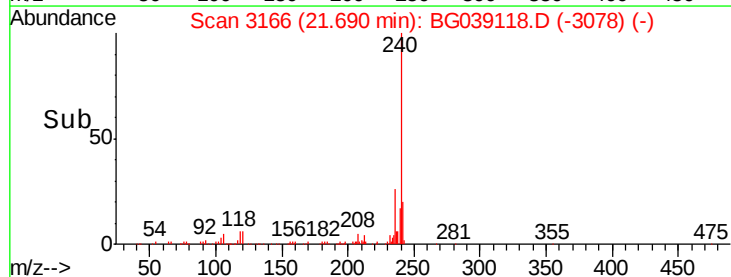
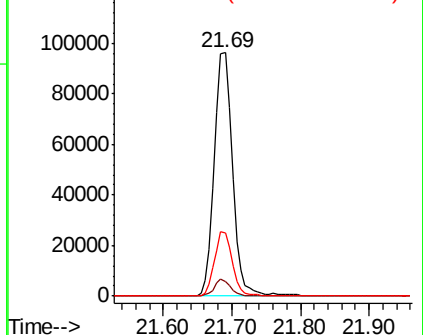
236 26.1 20.1 30.1

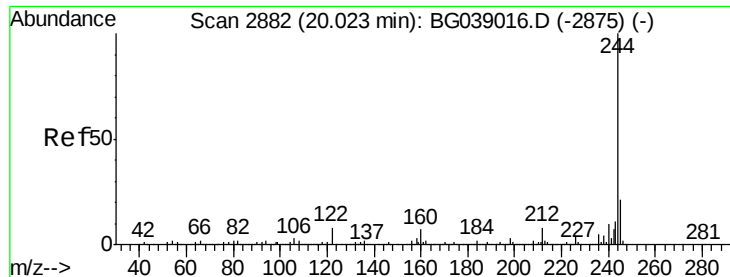


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.558 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039118.D

Acq: 12 Jan 2019 14:24

Instrument :

BNA_G

ClientSampleId :

FENCE-SOIL-PILE-1

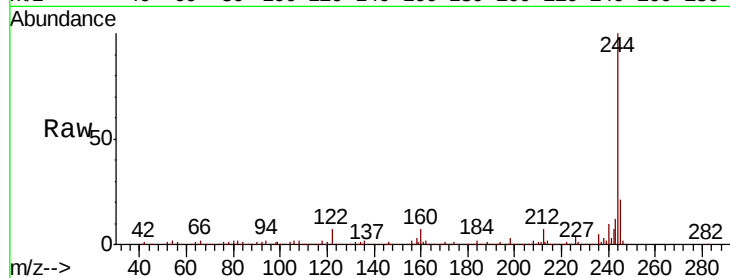
Tot Ion:244 Resp: 925470

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

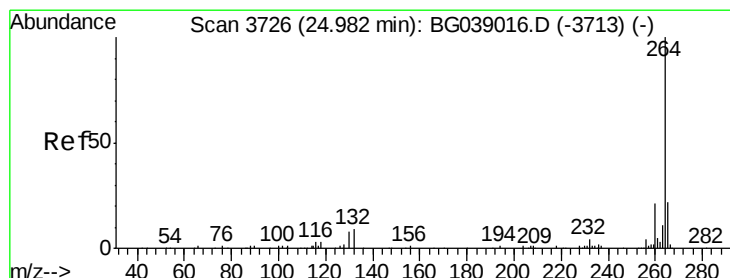
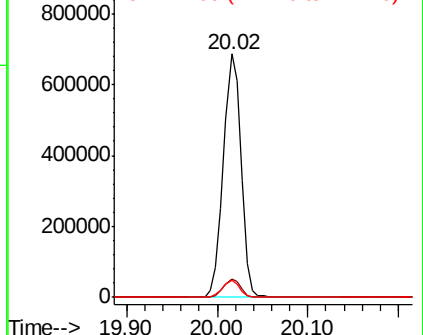
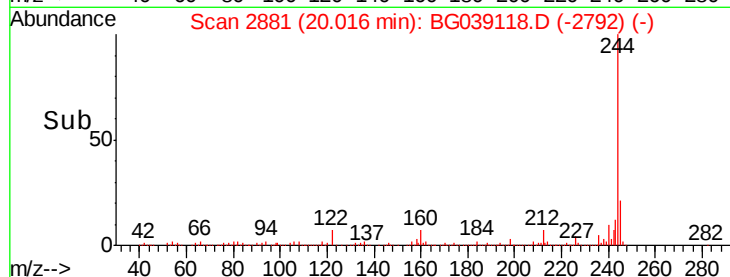
122 7.2 6.1 9.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.03 min

Lab File: BG039118.D

Acq: 12 Jan 2019 14:24

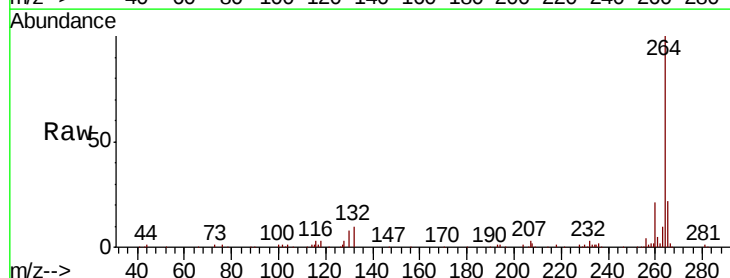
Tgt Ion:264 Resp: 181538

Ion Ratio Lower Upper

264 100

260 21.0 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

