

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039110.D
 Acq On : 12 Jan 2019 9:10
 Operator : JU/SJ
 Sample : K1100-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM-D

Quant Time: Jan 14 10:28:50 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	23025	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	109949	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	76470	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	217013	20.00	ng	0.00
76) Chrysene-d12	21.69	240	203544	20.00	ng	-0.01
87) Perylene-d12	24.96	264	202091	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	176865	145.72	ng	0.00
7) Phenol-d6	7.19	99	227575	130.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	167370	83.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	163704	127.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	500056	89.49	ng	0.00
79) Terphenyl-d14	20.01	244	974203	88.54	ng	0.00

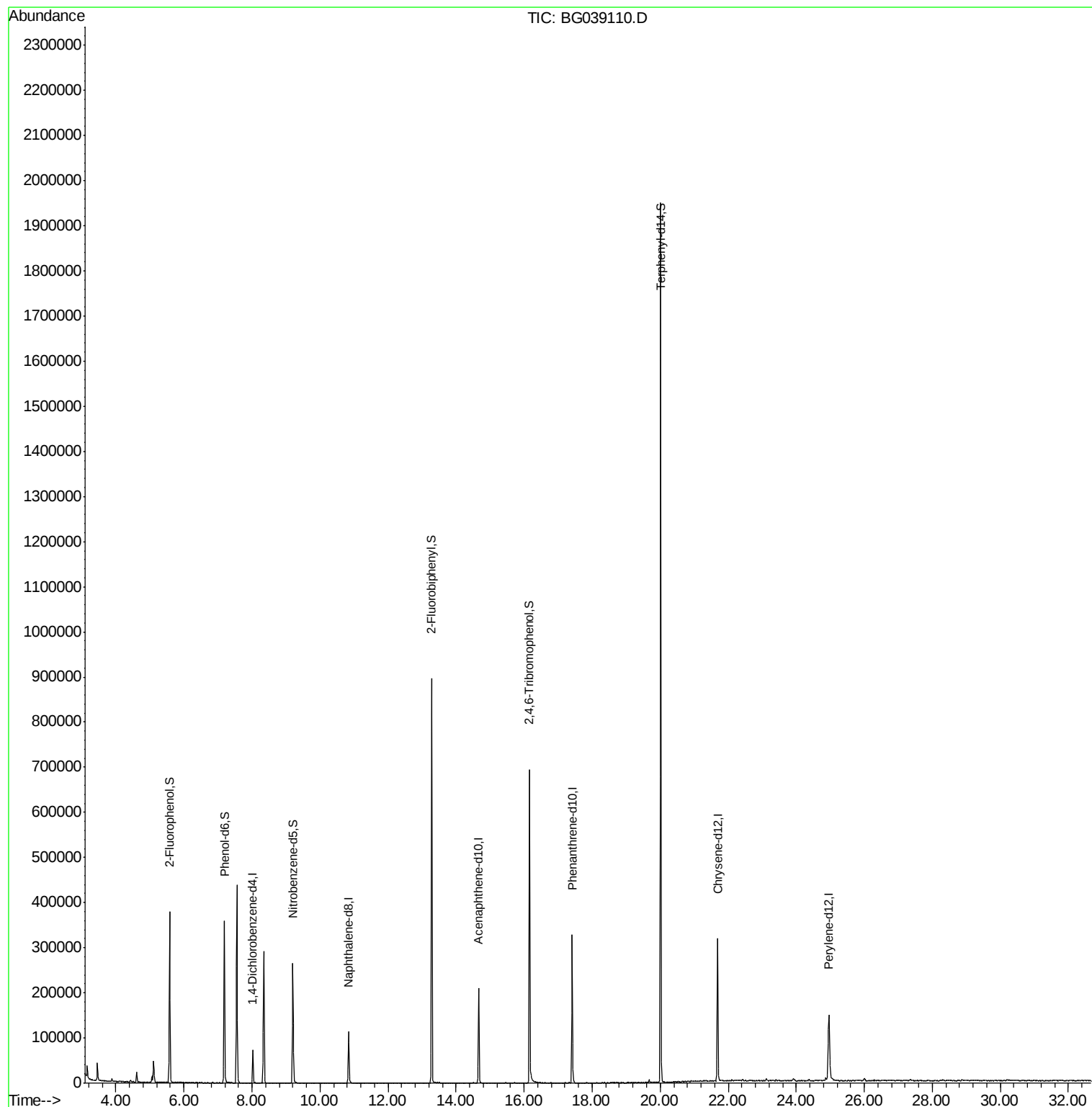
Target Compounds Qvalue

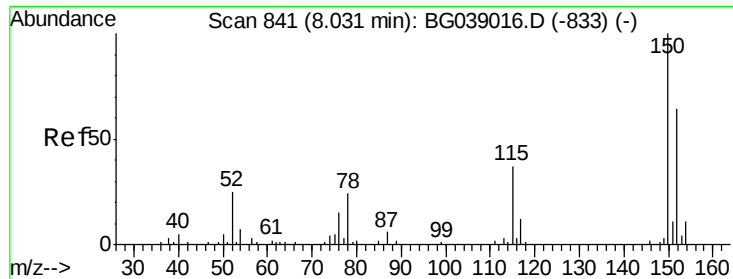
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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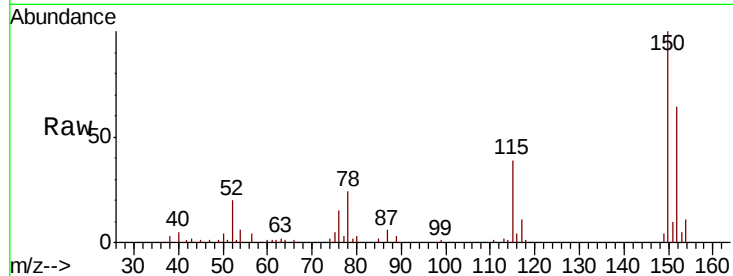


#1

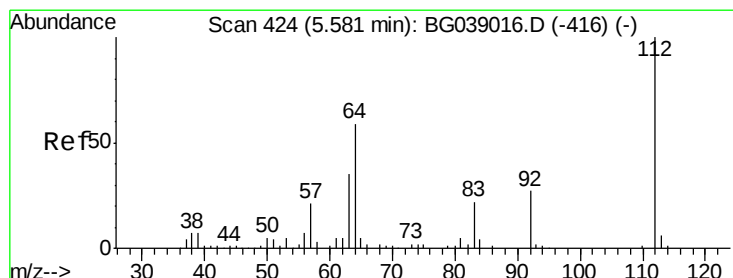
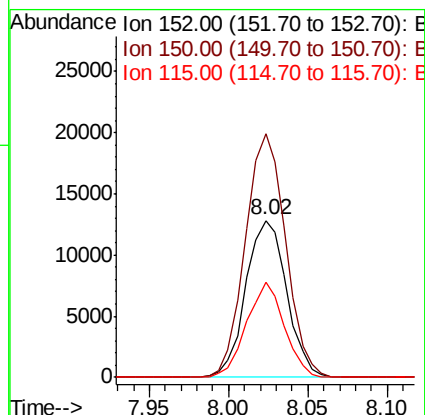
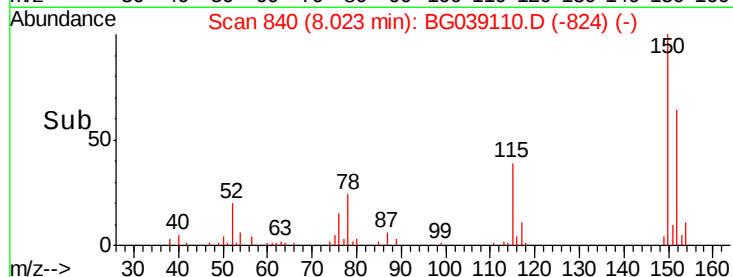
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-D

Tot Ion:152 Resp: 23025
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 61.2 46.5 69.7



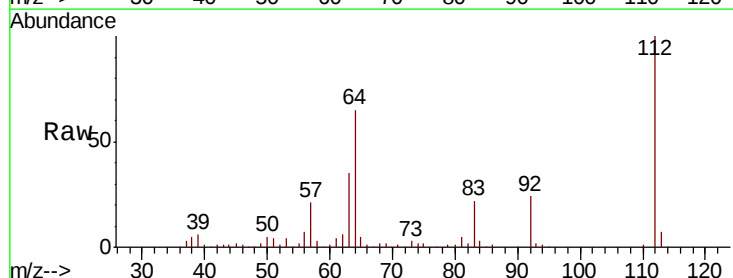
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



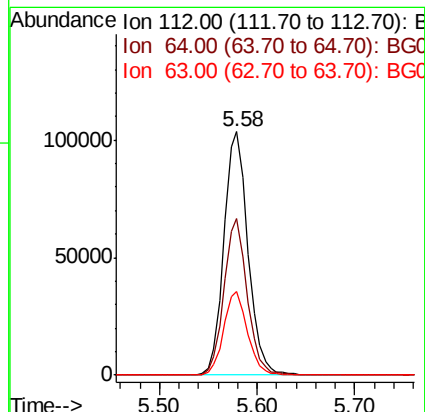
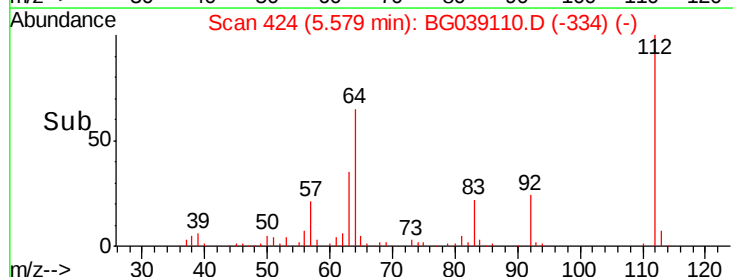
#5

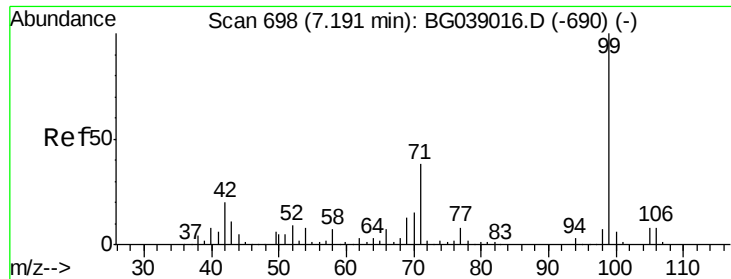
2-Fluorophenol
Concen: 145.715 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:112 Resp: 176865
Ion Ratio Lower Upper
112 100
64 64.6 47.0 70.6
63 34.5 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: 130.283 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039110.D

Acq: 12 Jan 2019 9:10

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM-D

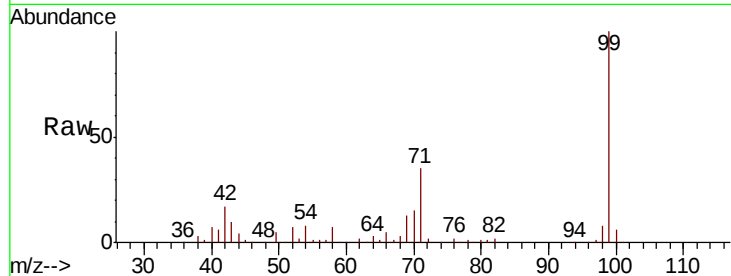
Tot Ion: 99 Resp: 227575

Ion Ratio Lower Upper

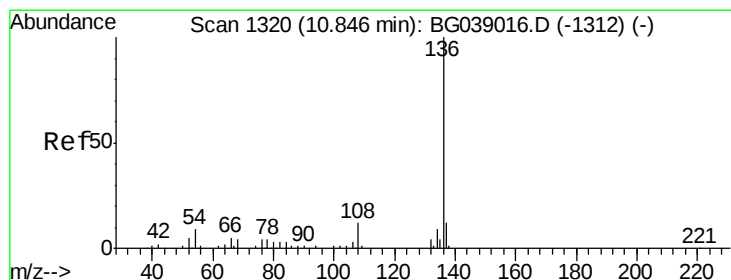
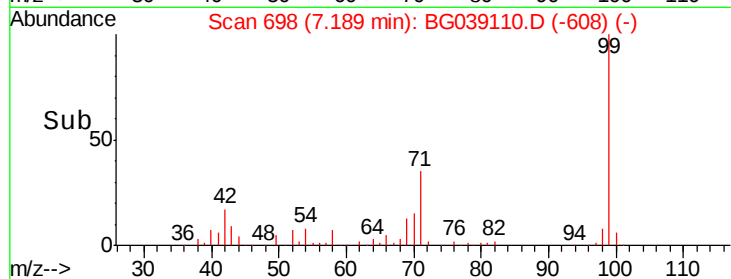
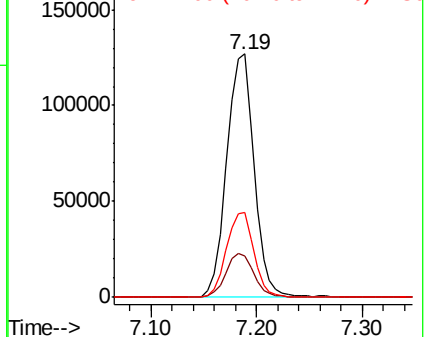
99 100

42 17.1 15.8 23.6

71 34.7 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: BG039110.D

Acq: 12 Jan 2019 9:10

Tgt Ion: 136 Resp: 109949

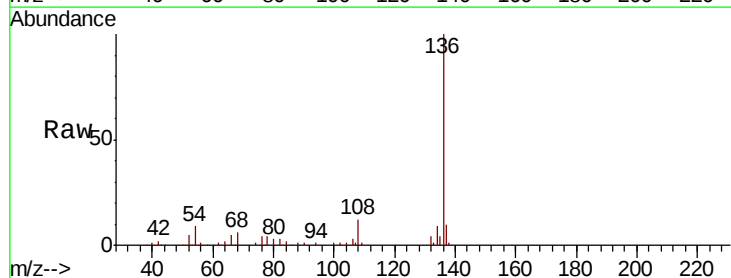
Ion Ratio Lower Upper

136 100

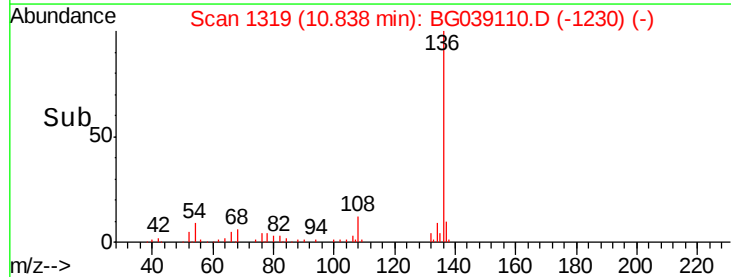
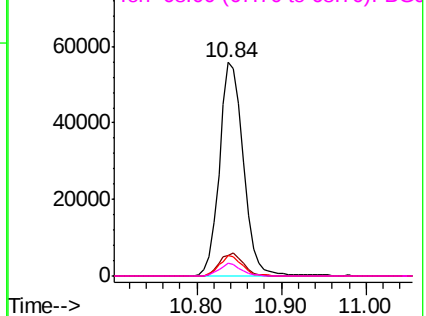
137 9.8 9.4 14.2

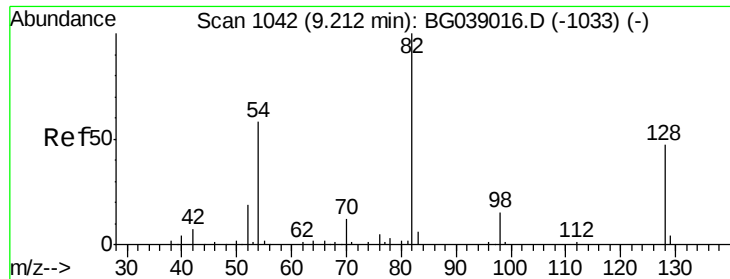
54 9.3 7.2 10.8

68 5.9 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

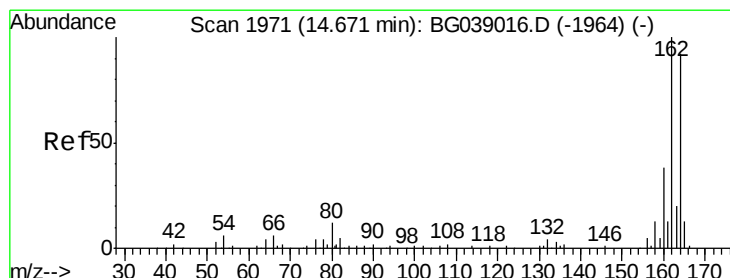
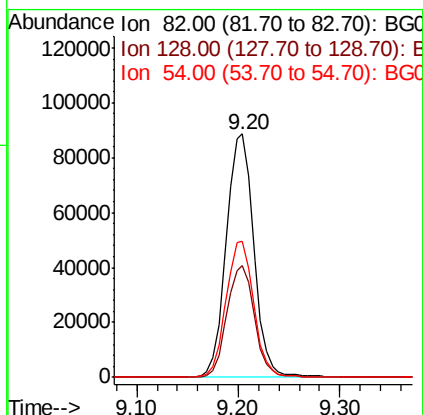
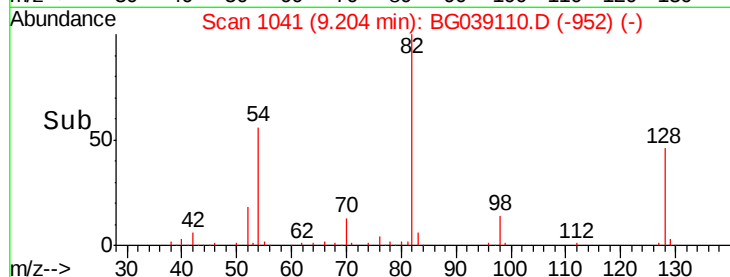
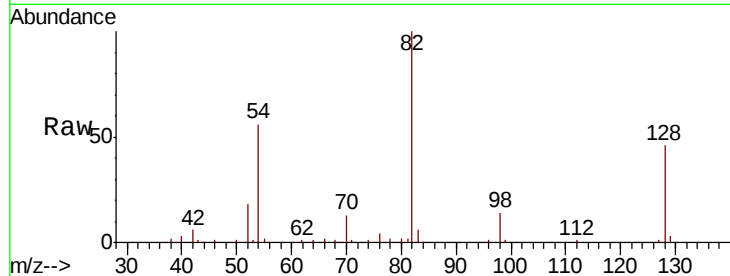




#23
 Nitrobenzene-d5
 Concen: 83.297 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039110.D
 Acq: 12 Jan 2019 9:10

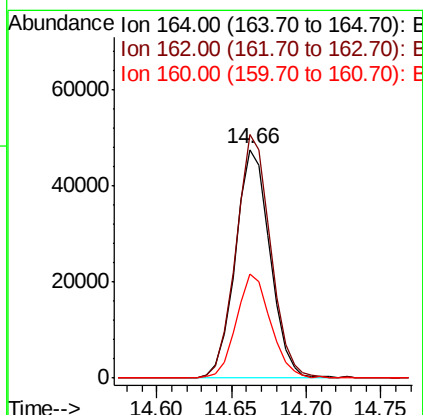
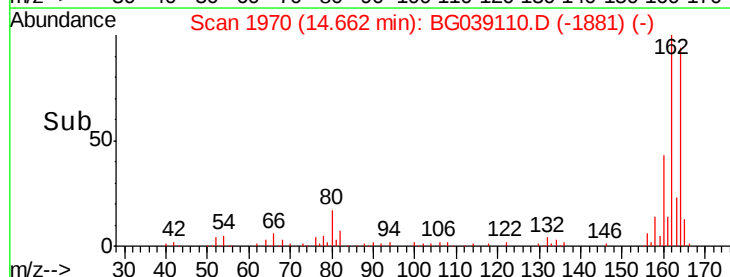
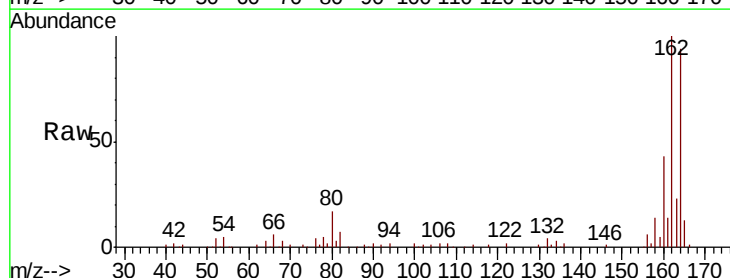
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM-D

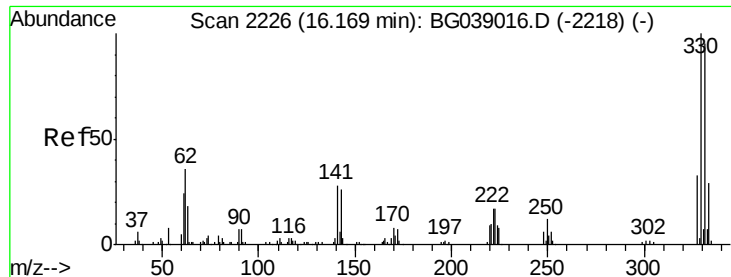
Tot Ion: 82 Resp: 167370
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.3 55.9
 54 55.9 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039110.D
 Acq: 12 Jan 2019 9:10

Tgt Ion: 164 Resp: 76470
 Ion Ratio Lower Upper
 164 100
 162 106.5 87.2 130.8
 160 45.5 33.3 49.9

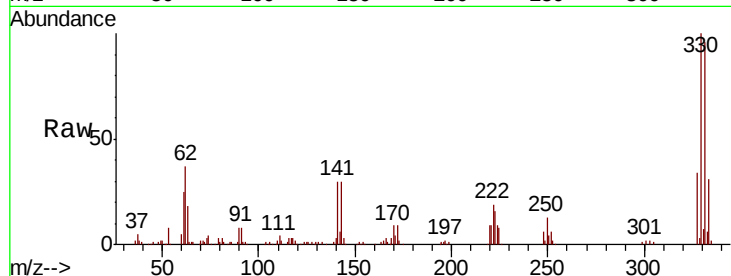




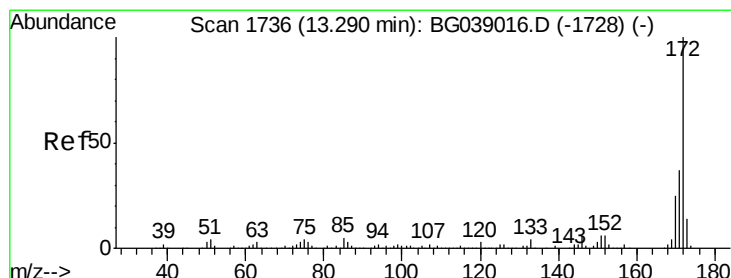
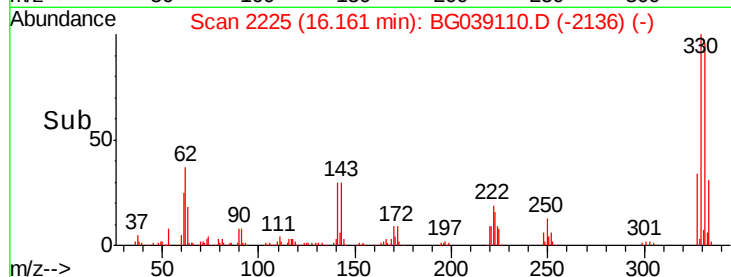
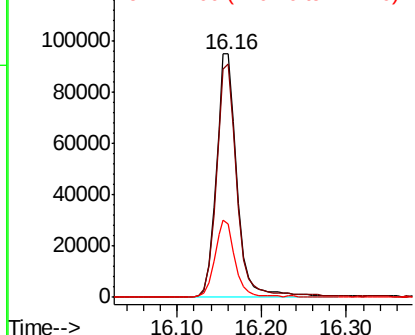
#42
 2,4,6-Tribromophenol
 Concen: 127.709 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039110.D
 Acq: 12 Jan 2019 9:10

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.7	113.5
141	31.2	24.9	37.3

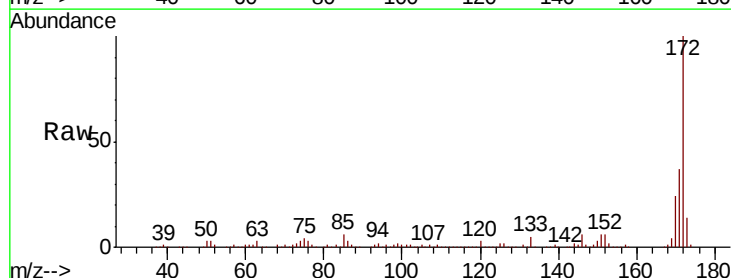


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

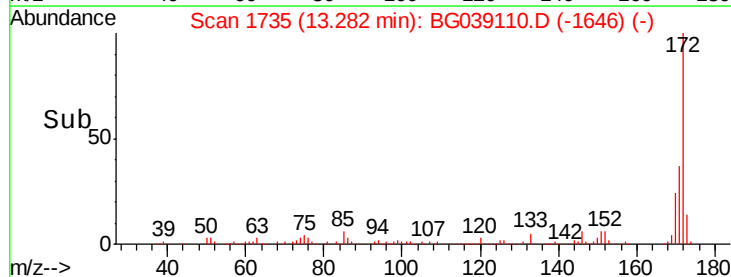
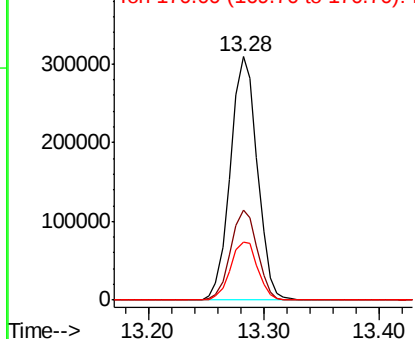


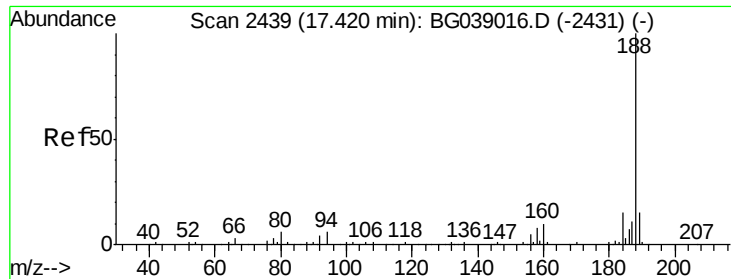
#45
 2-Fluorobiphenyl
 Concen: 89.494 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039110.D
 Acq: 12 Jan 2019 9:10

Tgt 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

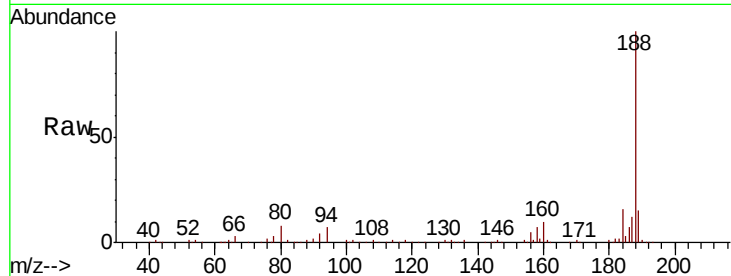




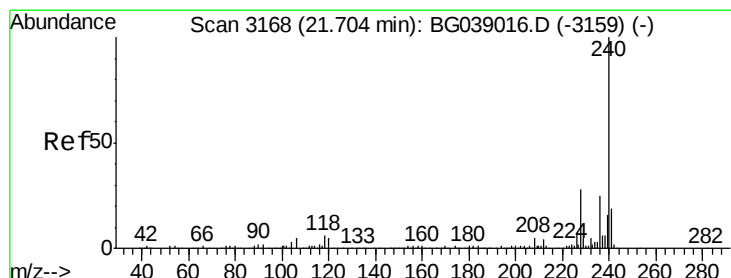
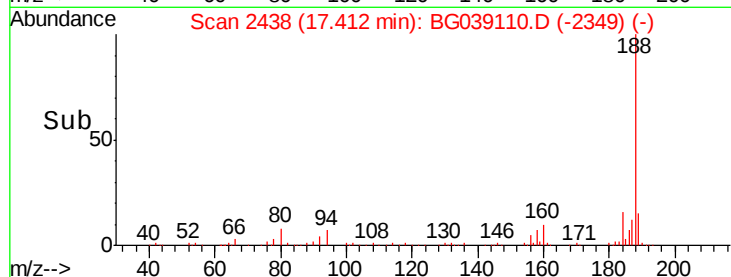
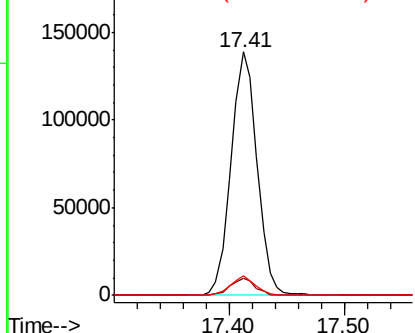
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-D

Tot Ion:188 Resp: 217013
Ion Ratio Lower Upper
188 100
94 7.1 5.0 7.4
80 7.8 4.7 7.1#

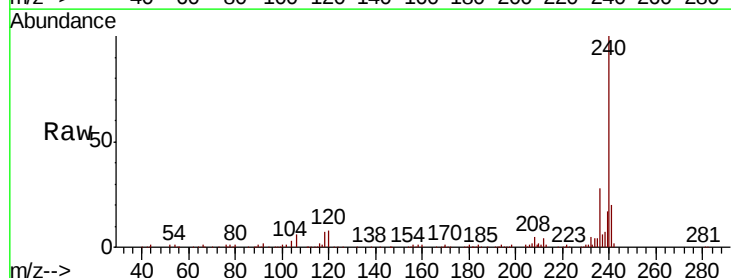


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

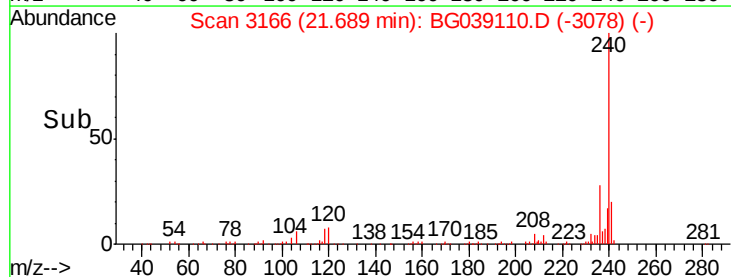
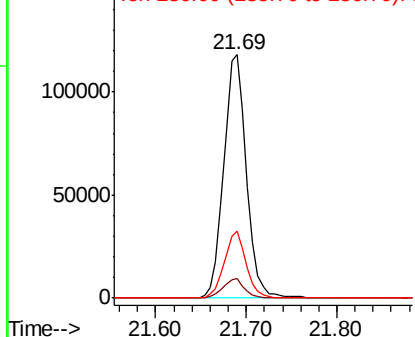


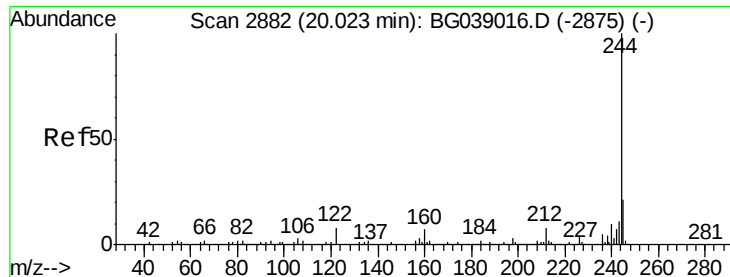
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039110.D
Acq: 12 Jan 2019 9:10

Tgt Ion:240 Resp: 203544
Ion Ratio Lower Upper
240 100
120 7.9 4.3 6.5#
236 27.7 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: 88.540 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039110.D

Acq: 12 Jan 2019 9:10

Instrument :

BNA_G

ClientSampleID :

SOIL-DRUM-D

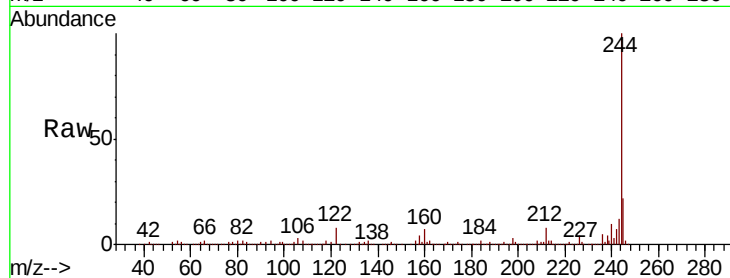
Tot Ion:244 Resp: 974203

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

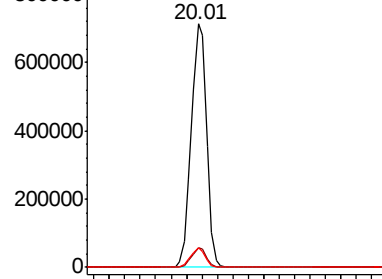
122 8.0 6.1 9.1



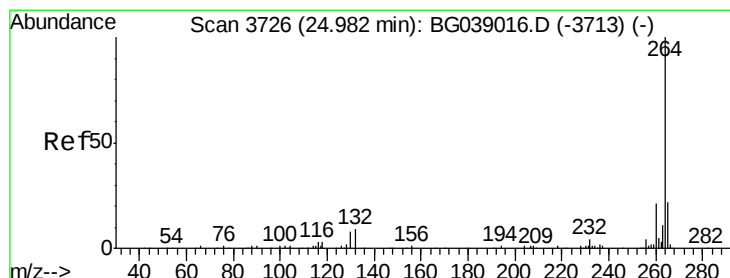
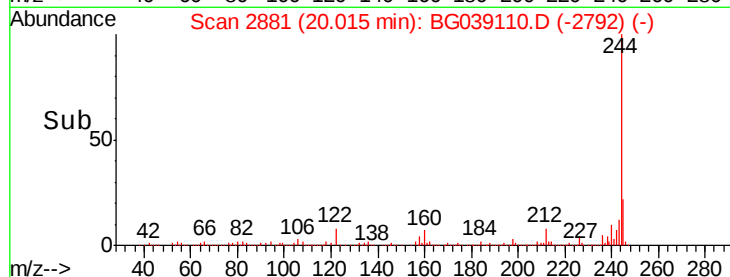
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039110.D

Acq: 12 Jan 2019 9:10

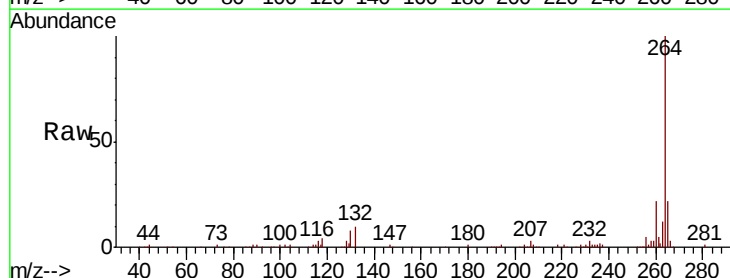
Tgt Ion:264 Resp: 202091

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

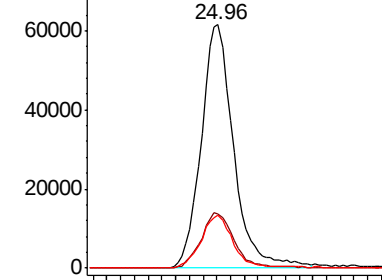
265 21.7 17.2 25.8



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



Time-->

