

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039097.D
 Acq On : 11 Jan 2019 22:42
 Operator : JU/SJ
 Sample : K1100-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM-B

Quant Time: Jan 12 00:45:08 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

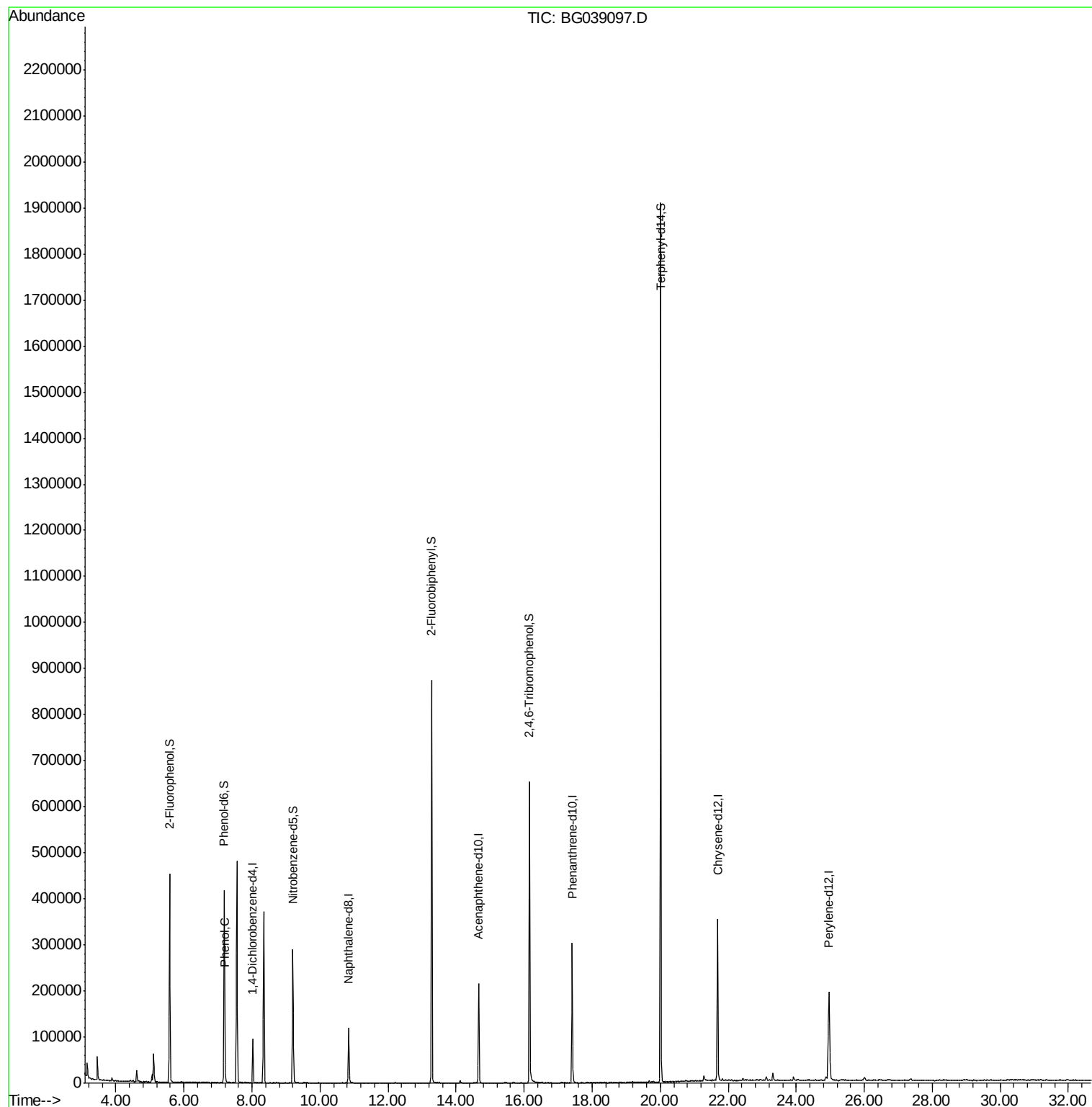
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28204	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	111905	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	80270	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	205239	20.00	ng	0.00
76) Chrysene-d12	21.69	240	228796	20.00	ng	-0.01
87) Perylene-d12	24.96	264	235844	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	212340	142.82	ng	0.00
7) Phenol-d6	7.18	99	257541	120.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	187361	91.62	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	148049	110.03	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	489639	83.48	ng	0.00
79) Terphenyl-d14	20.02	244	963738	77.92	ng	0.00
Target Compounds						
10) Phenol	7.21	94	6575	3.065	ng	Qvalue # 74

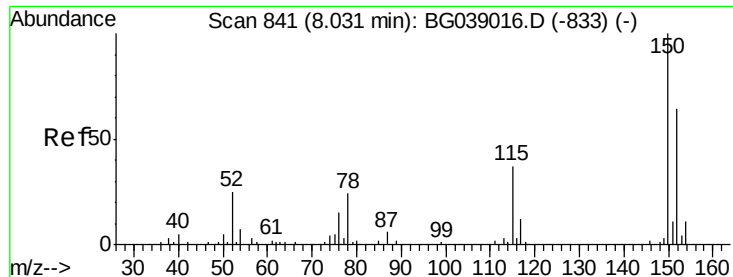
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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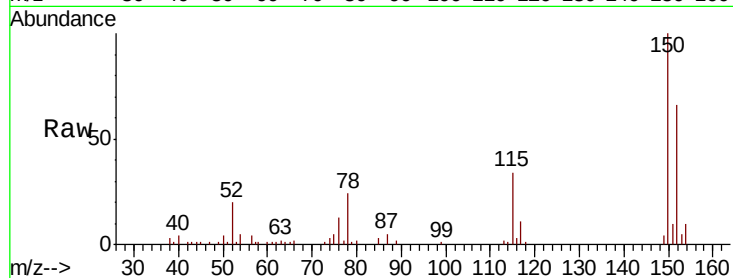


#1

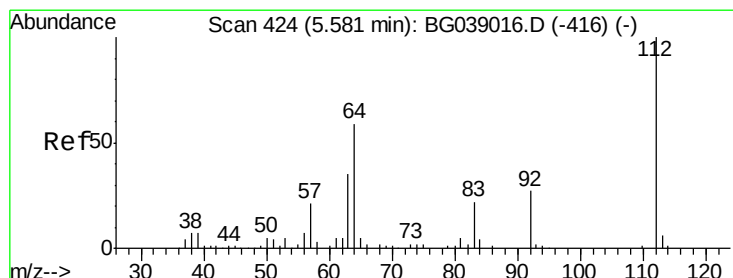
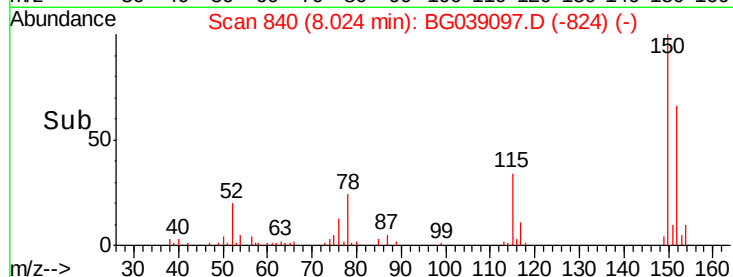
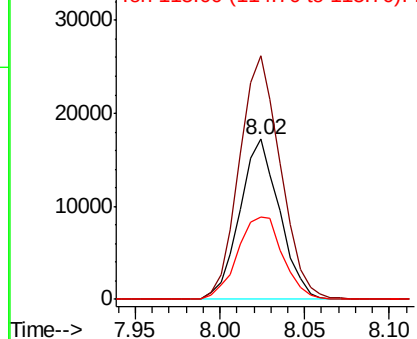
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039097.D
Acq: 11 Jan 2019 22:42

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-B

Tot Ion:152 Resp: 28204
Ion Ratio Lower Upper
152 100
150 152.3 124.7 187.1
115 51.6 46.5 69.7



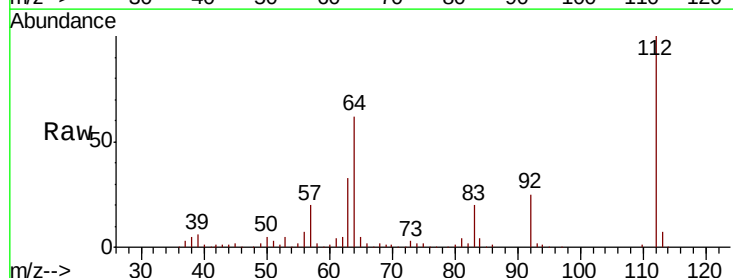
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



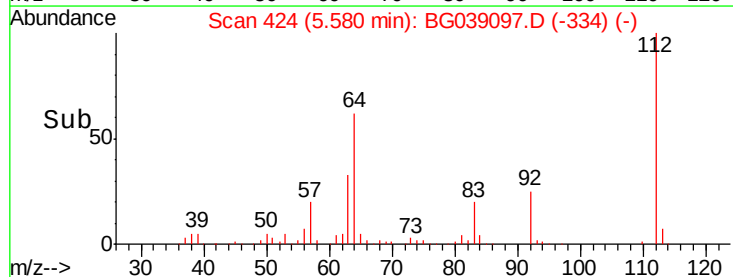
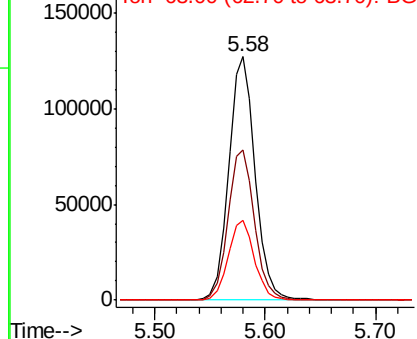
#5

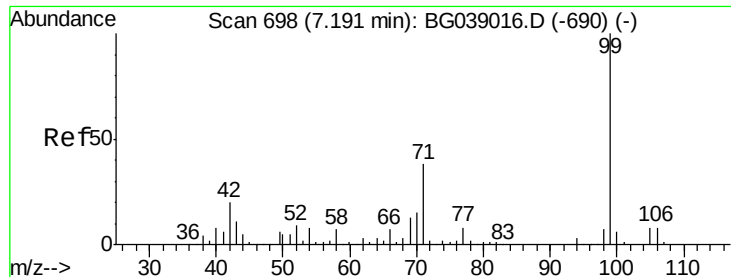
2-Fluorophenol
Concen: 142.818 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039097.D
Acq: 11 Jan 2019 22:42

Tgt Ion:112 Resp: 212340
Ion Ratio Lower Upper
112 100
64 61.9 47.0 70.6
63 32.6 28.0 42.0



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





#7

Phenol-d6

Concen: 120.365 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039097.D

Acq: 11 Jan 2019 22:42

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM-B

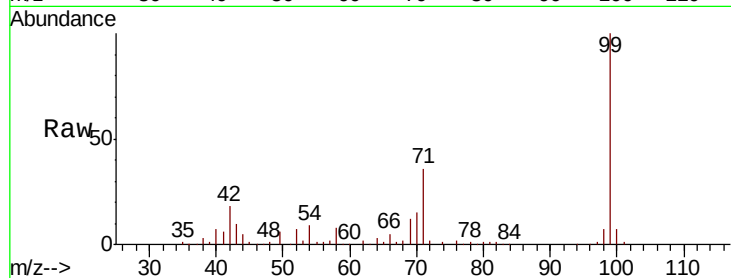
Tot Ion: 99 Resp: 257541

Ion Ratio Lower Upper

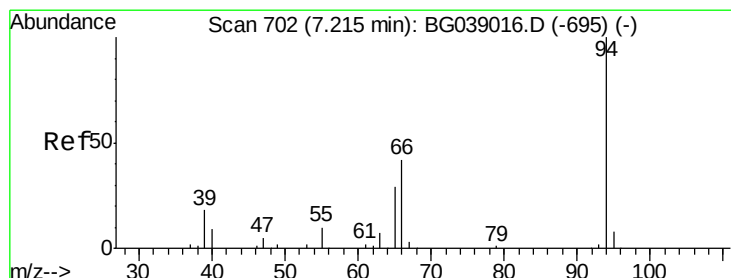
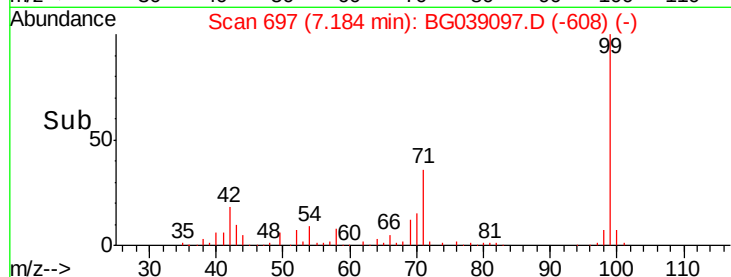
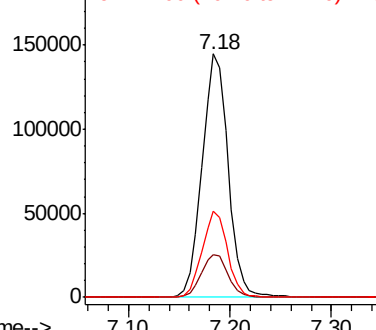
99 100

42 17.7 15.8 23.6

71 35.5 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



#10

Phenol

Concen: 3.065 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039097.D

Acq: 11 Jan 2019 22:42

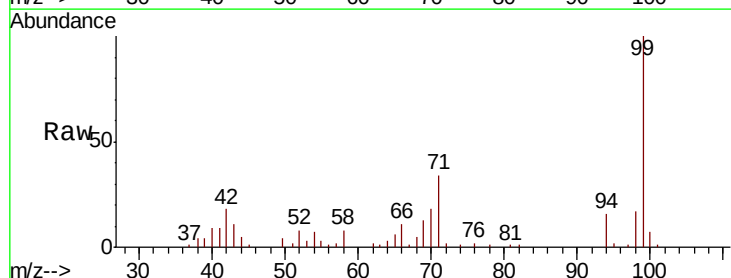
Tgt Ion: 94 Resp: 6575

Ion Ratio Lower Upper

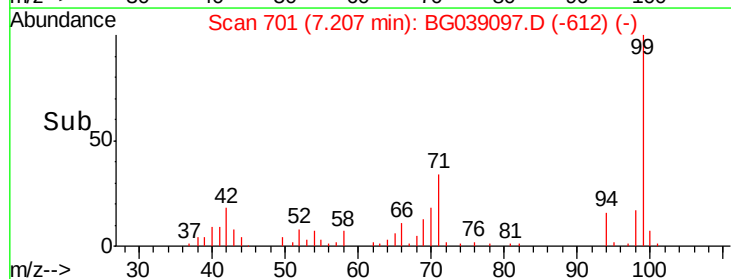
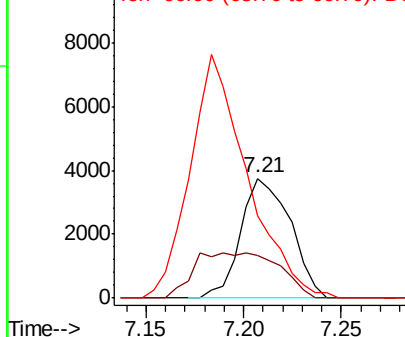
94 100

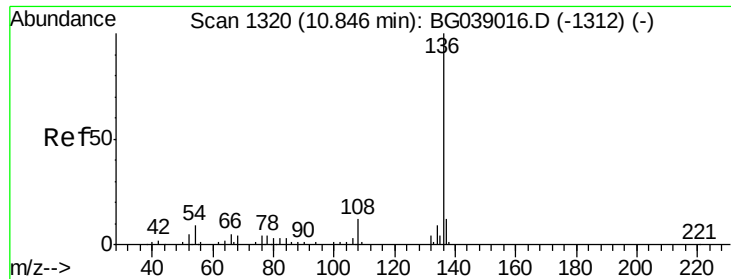
65 36.0 10.3 50.3

66 68.7 25.1 65.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

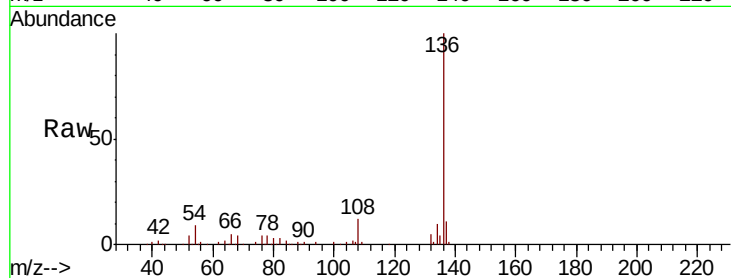




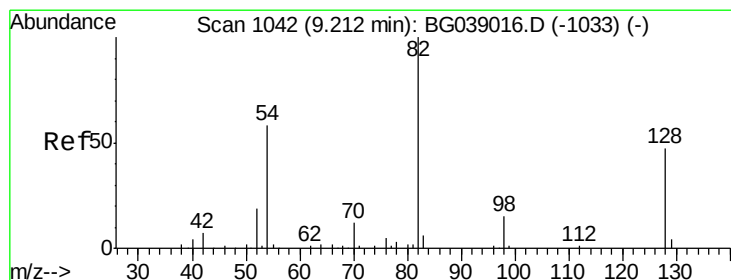
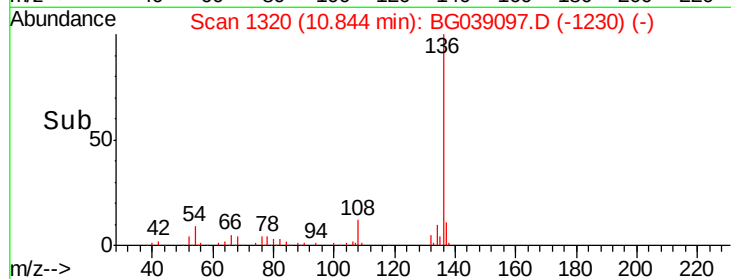
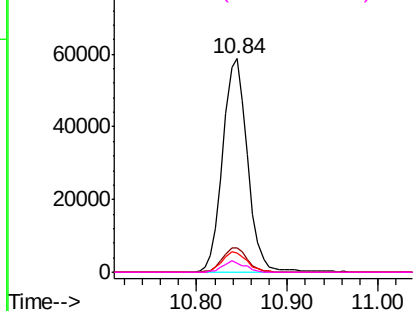
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039097.D
Acq: 11 Jan 2019 22:42

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM-B

Tot Ion:136	Resp:	111905
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.4 14.2
54	9.2	7.2 10.8
68	4.2	3.5 5.3

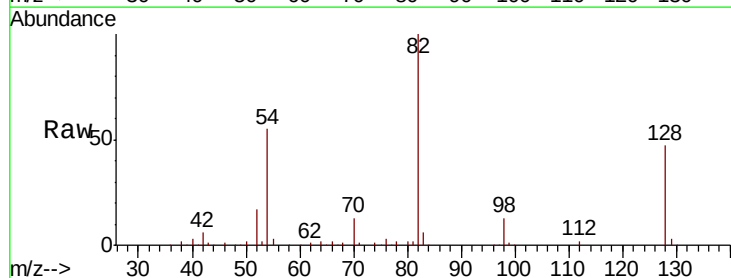


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

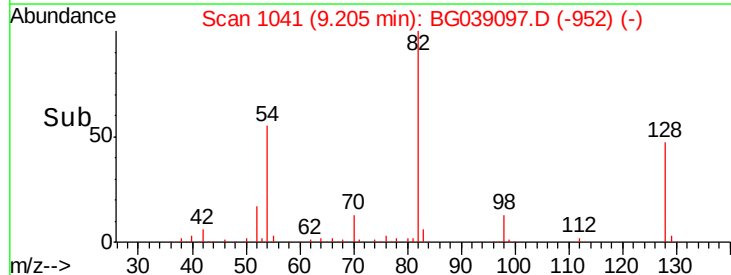
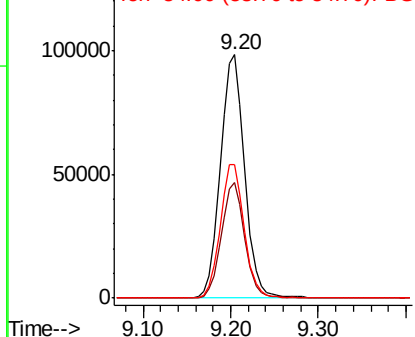


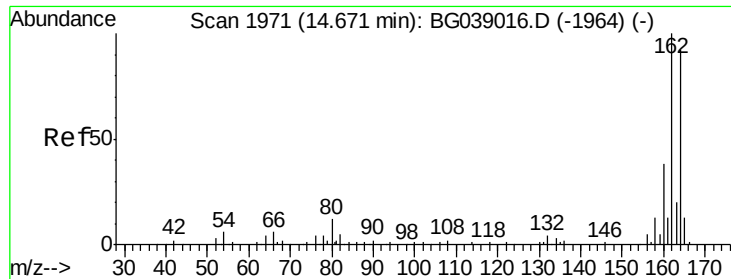
#23
Nitrobenzene-d5
Concen: 91.616 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039097.D
Acq: 11 Jan 2019 22:42

Tgt Ion: 82	Resp:	187361
Ion	Ratio	Lower Upper
82	100	
128	47.4	37.3 55.9
54	55.0	46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG039097.D

Acq: 11 Jan 2019 22:42

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM-B

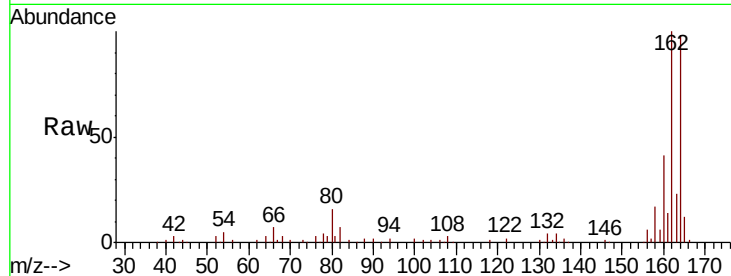
Tot Ion:164 Resp: 80270

Ion Ratio Lower Upper

164 100

162 101.7 87.2 130.8

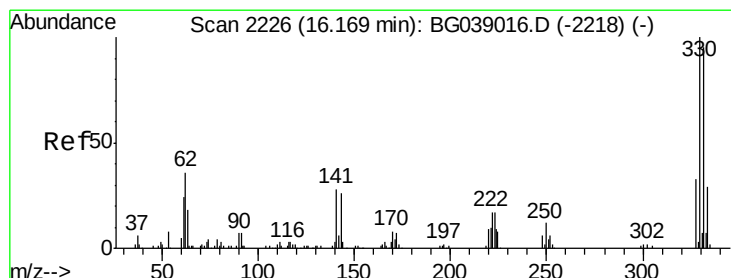
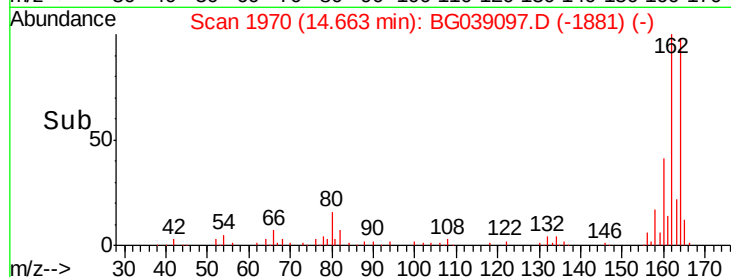
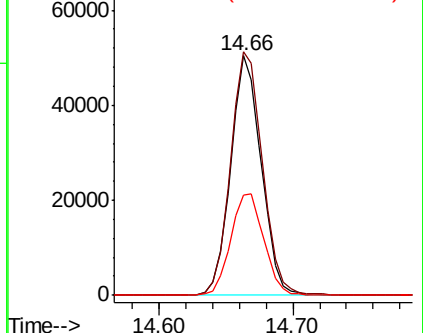
160 41.8 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 110.029 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039097.D

Acq: 11 Jan 2019 22:42

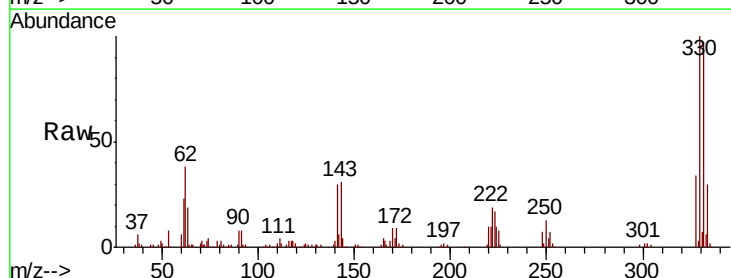
Tgt Ion:330 Resp: 148049

Ion Ratio Lower Upper

330 100

332 97.9 75.7 113.5

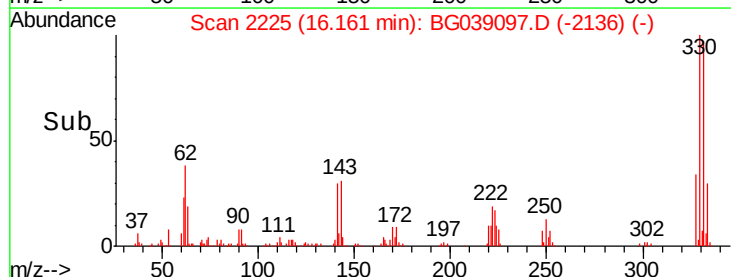
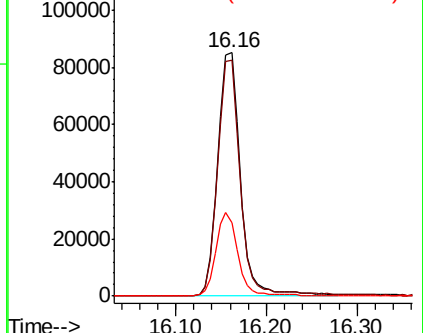
141 33.3 24.9 37.3

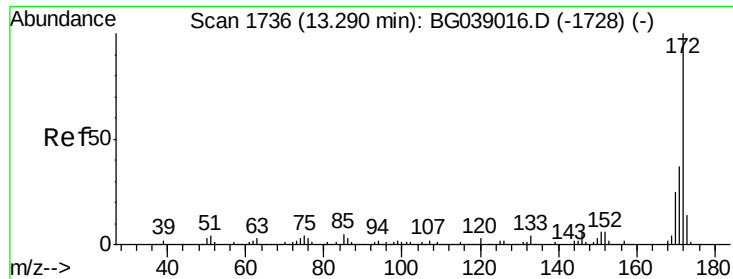


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

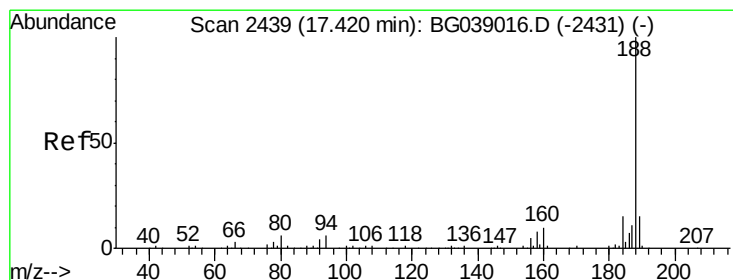
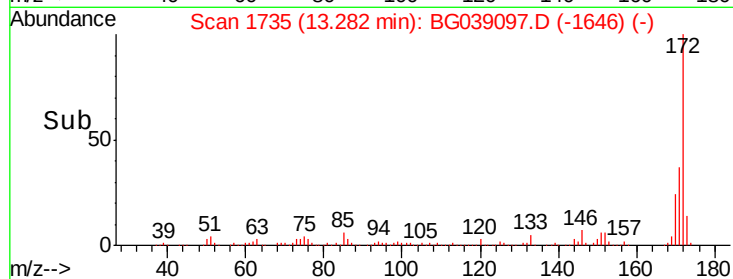
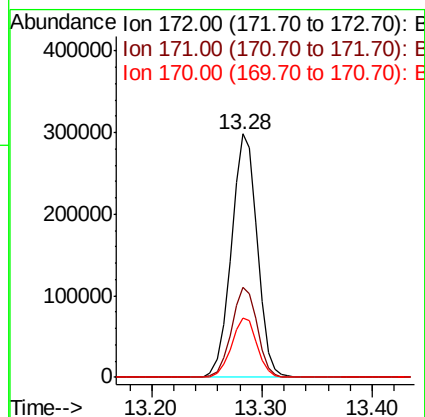
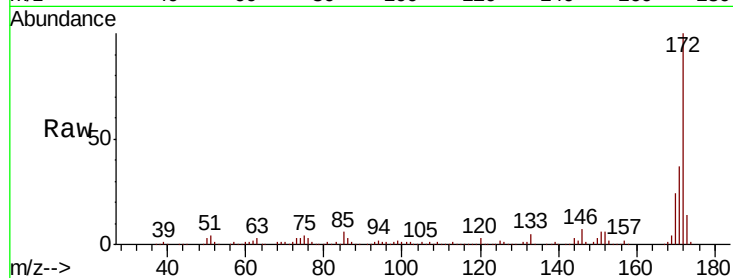




#45
 2-Fluorobiphenyl
 Concen: 83.481 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039097.D
 Acq: 11 Jan 2019 22:42

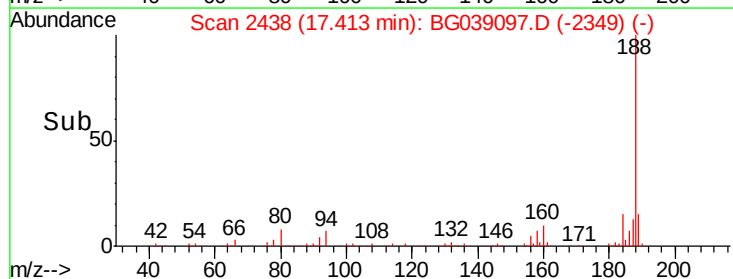
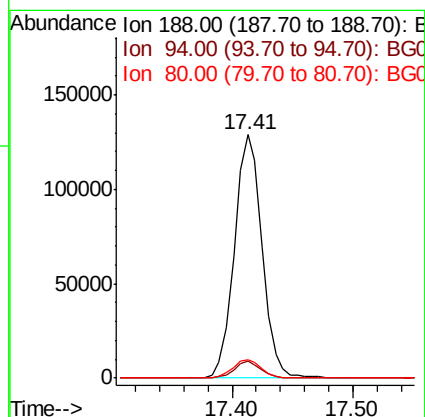
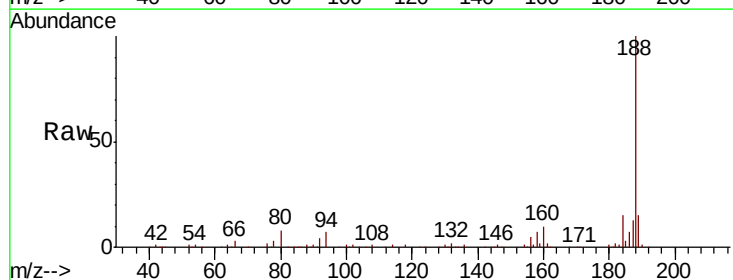
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 SOIL-DRUM-B

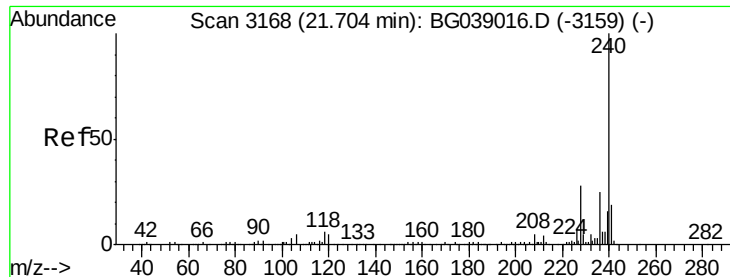
Tot Ion:172	Resp:	489639
Ion	Ratio	Lower Upper
172	100	
171	37.0	29.4 44.0
170	24.2	20.1 30.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039097.D
 Acq: 11 Jan 2019 22:42

Tgt Ion:188	Resp:	205239
Ion	Ratio	Lower Upper
188	100	
94	7.1	5.0 7.4
80	7.7	4.7 7.1#

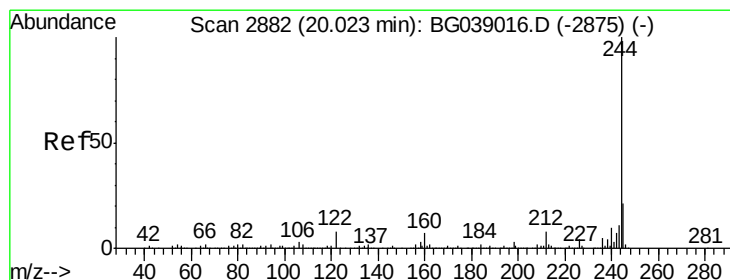
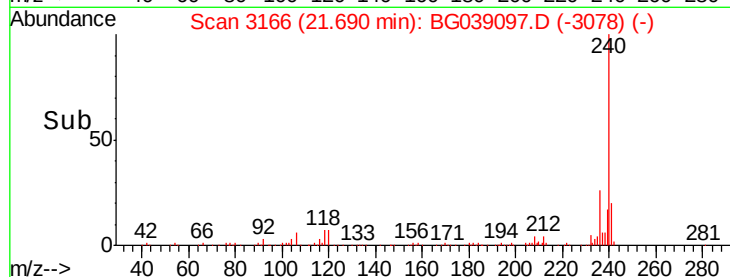
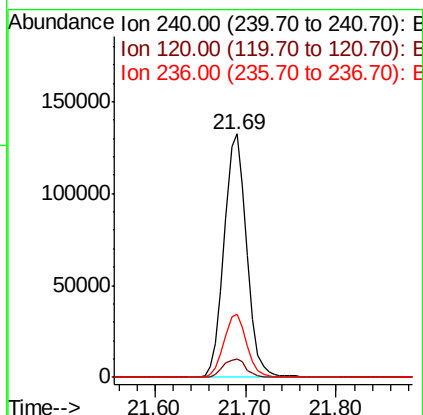
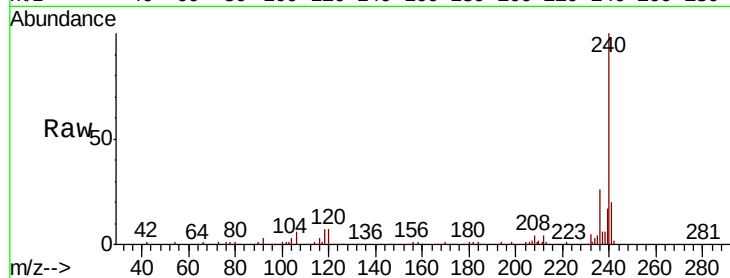




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039097.D
 Acq: 11 Jan 2019 22:42

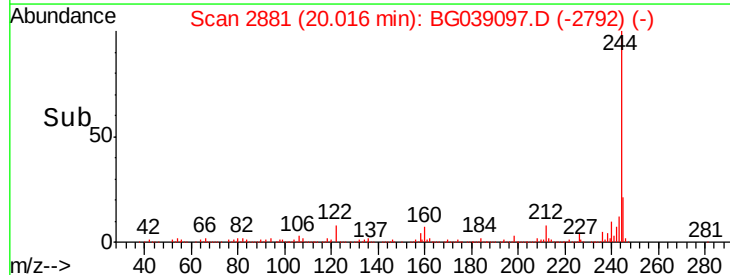
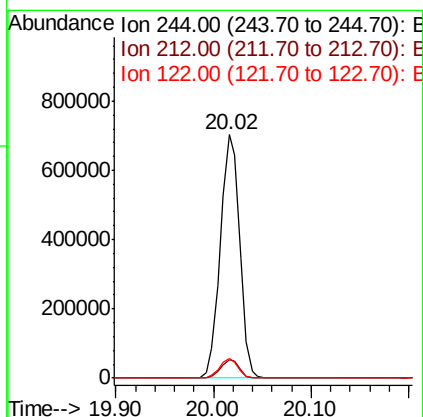
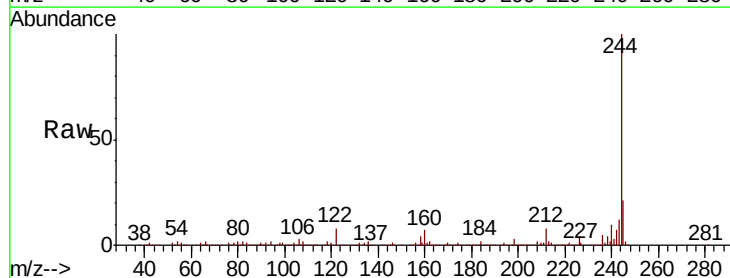
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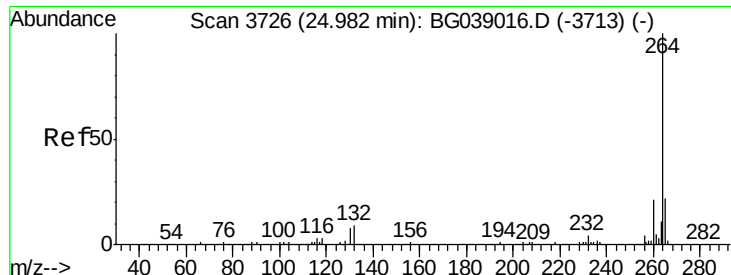
Tot Ion:240 Resp: 228796
 Ion Ratio Lower Upper
 240 100
 120 7.3 4.3 6.5#
 236 26.0 20.1 30.1



#79
 Terphenyl-d14
 Concen: 77.921 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG039097.D
 Acq: 11 Jan 2019 22:42

Tgt Ion:244 Resp: 963738
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.0 6.1 9.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.96 min Scan# 3723
 Delta R.T. -0.02 min
 Lab File: BG039097.D
 Acq: 11 Jan 2019 22:42

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.0	25.6
265	22.8	17.2	25.8

