

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041653.D
 Acq On : 15 Jul 2019 17:37
 Operator : HP/JU
 Sample : K3761-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

Quant Time: Jul 16 07:58:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	110291	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	434993	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	275303	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	648838	20.00	ng	0.00
76) Chrysene-d12	21.65	240	643632	20.00	ng	0.00
87) Perylene-d12	24.86	264	712145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	776370	115.07	ng	0.00
7) Phenol-d6	7.21	99	990779	109.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	721676	100.90	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	472087	152.16	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1677843	94.37	ng	0.00
79) Terphenyl-d14	20.01	244	2461095	89.36	ng	0.00

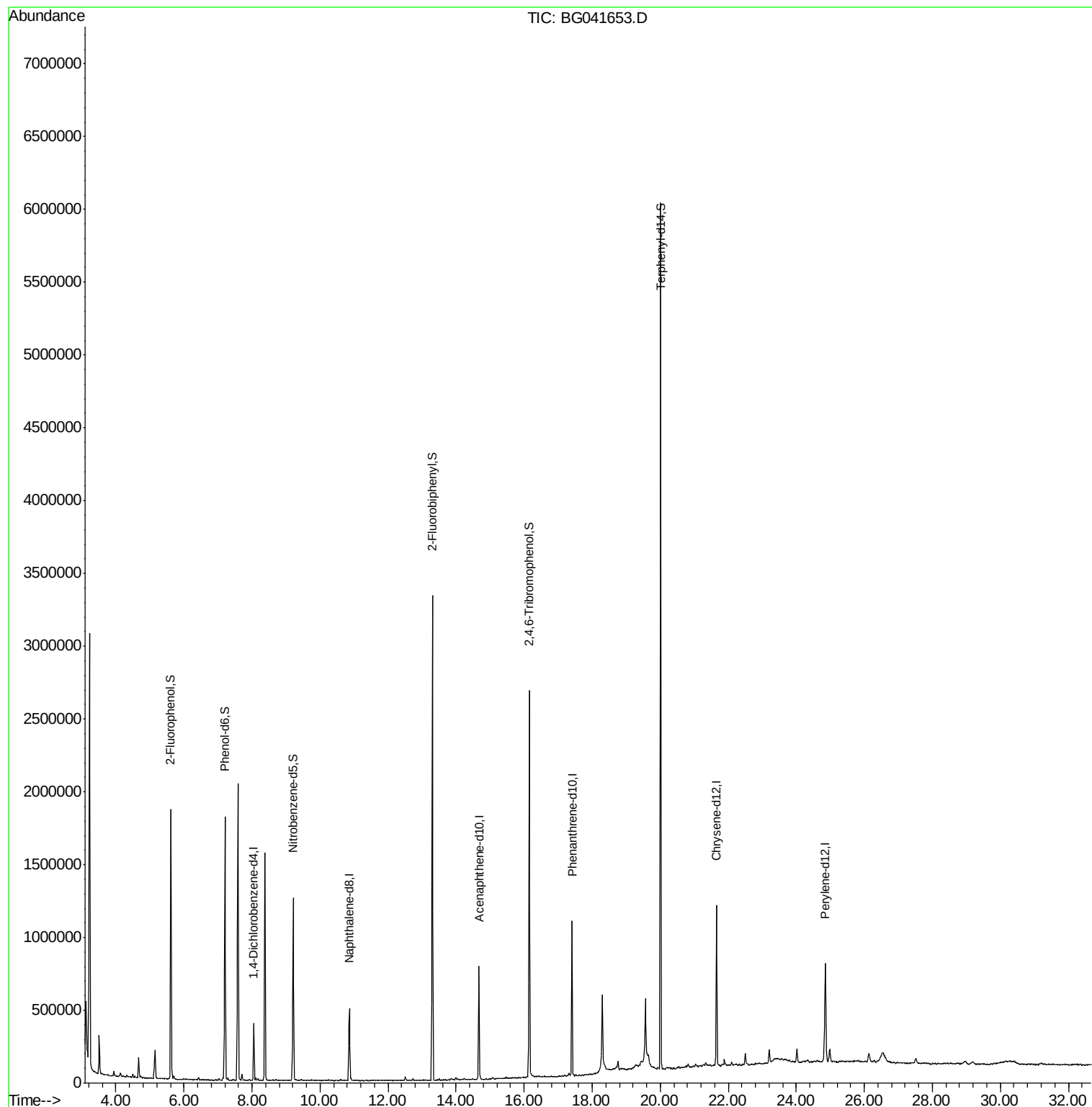
Target Compounds Qvalue

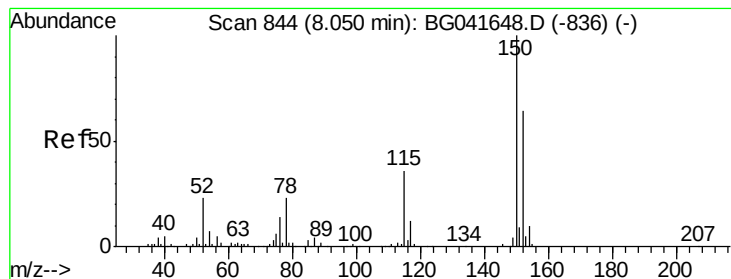
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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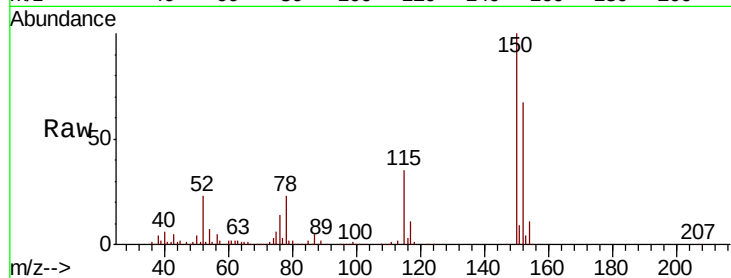


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	126.9	190.3
115	52.1	45.0	67.6

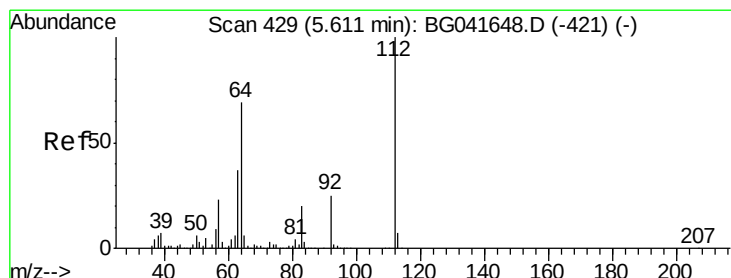
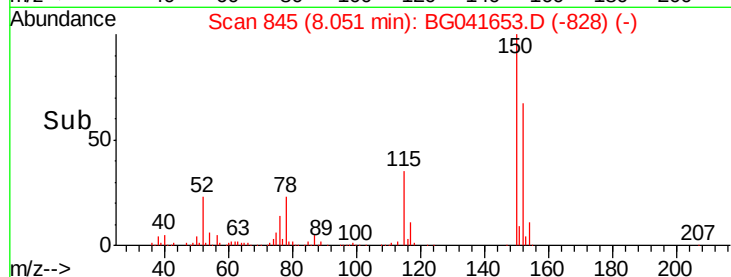
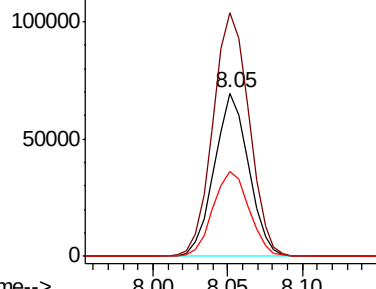


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

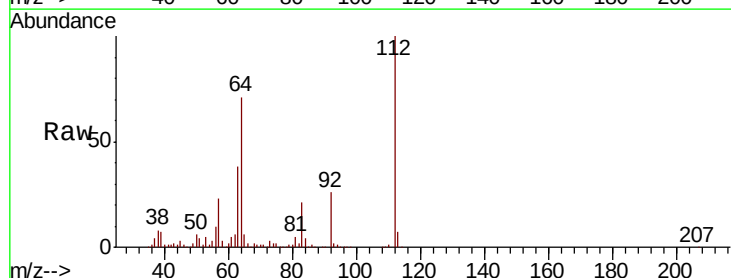
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.075 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041653.D
Acq: 15 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	55.4	83.2
63	37.7	29.1	43.7

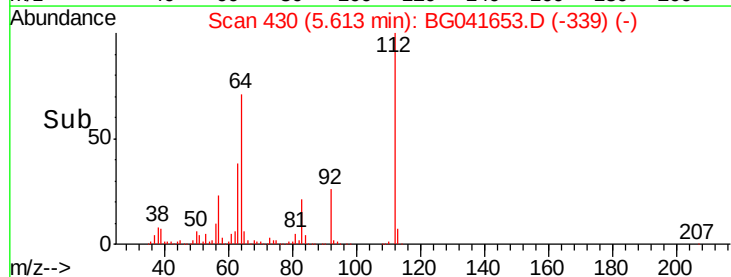
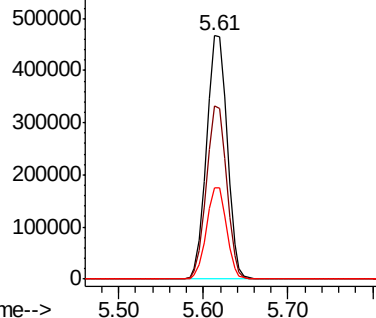


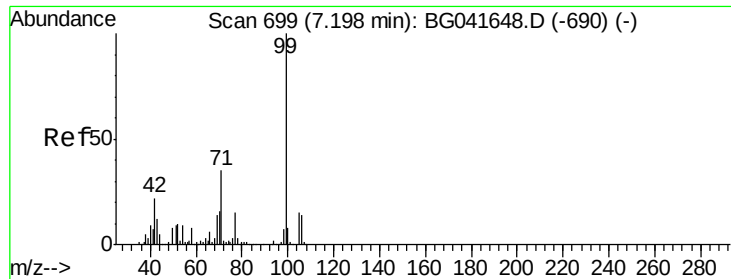
Abundance

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: 109.182 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041653.D

Acq: 15 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM

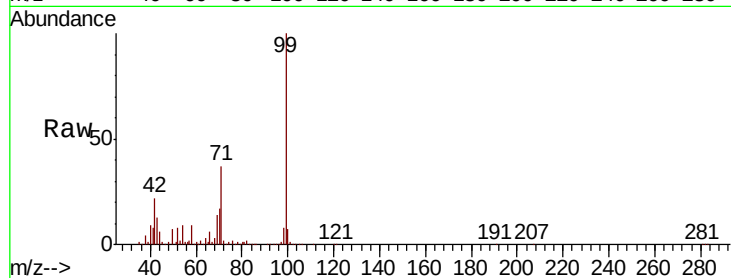
Tot Ion: 99 Resp: 990779

Ion Ratio Lower Upper

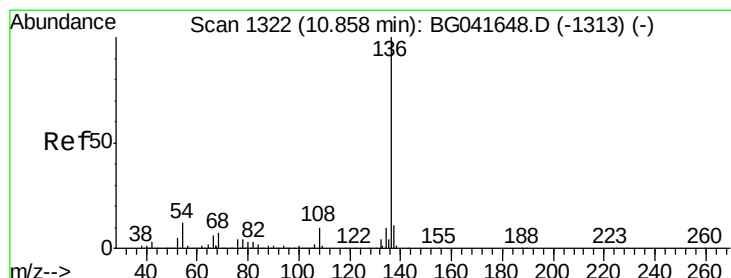
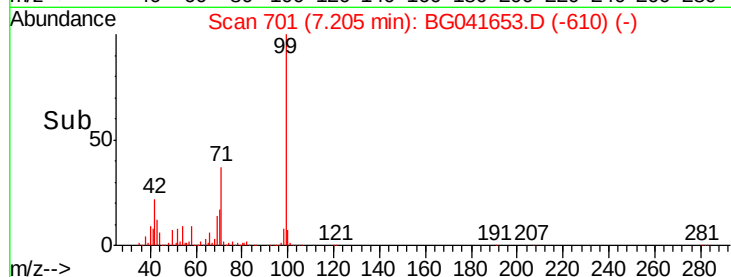
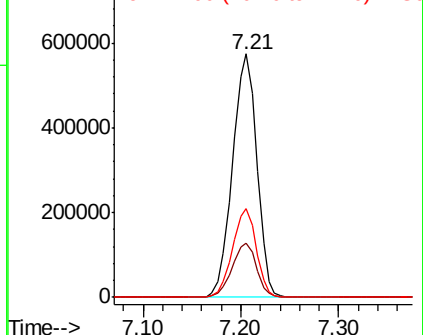
99 100

42 22.4 17.6 26.4

71 36.6 27.8 41.6



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: 10.86 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG041653.D

Acq: 15 Jul 2019 17:37

Tgt Ion: 136 Resp: 434993

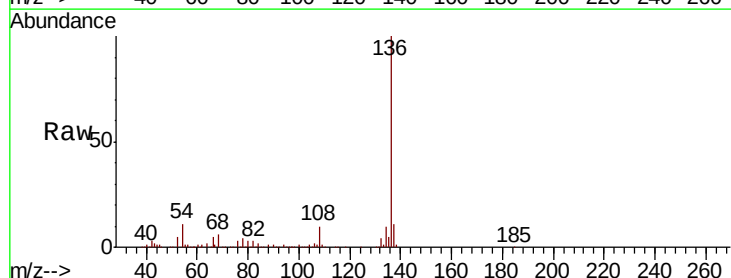
Ion Ratio Lower Upper

136 100

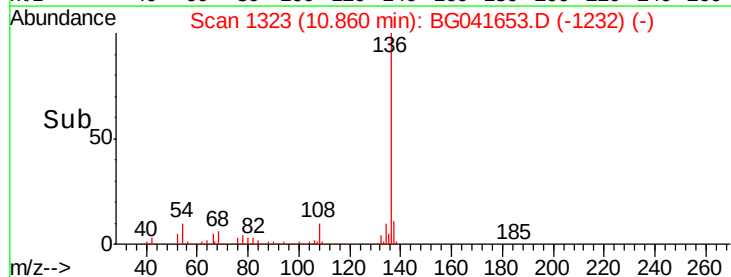
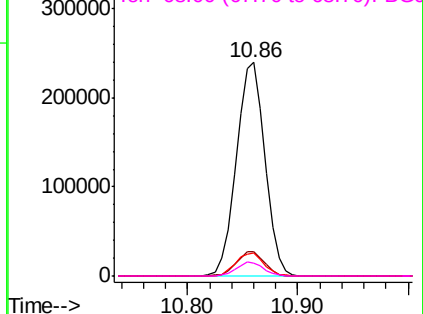
137 11.2 9.2 13.8

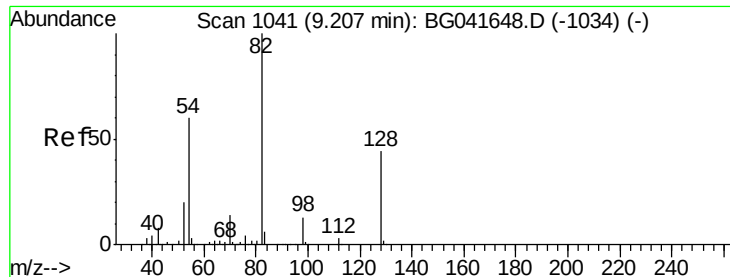
54 10.5 8.7 13.1

68 6.3 5.5 8.3



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

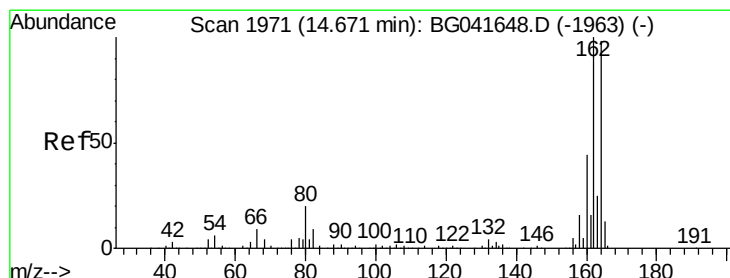
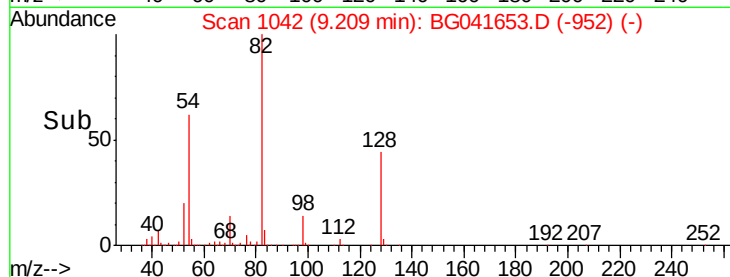
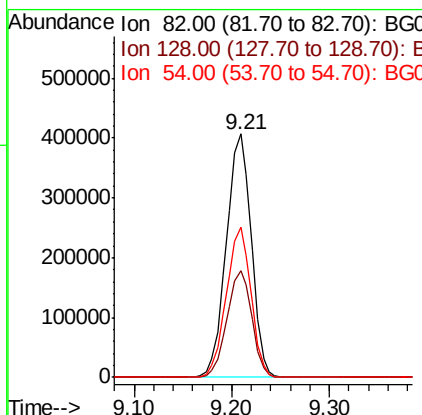
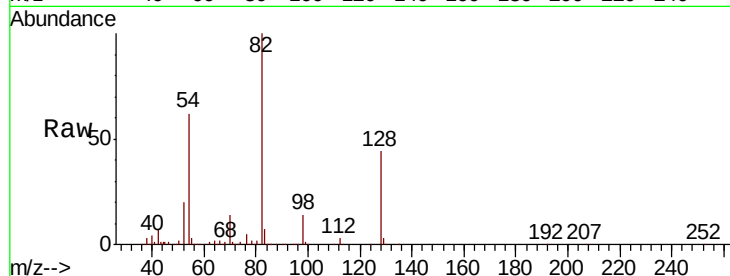




#23
 Nitrobenzene-d5
 Concen: 100.895 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041653.D
 Acq: 15 Jul 2019 17:37

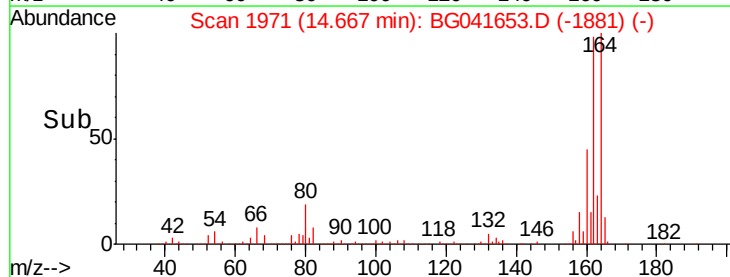
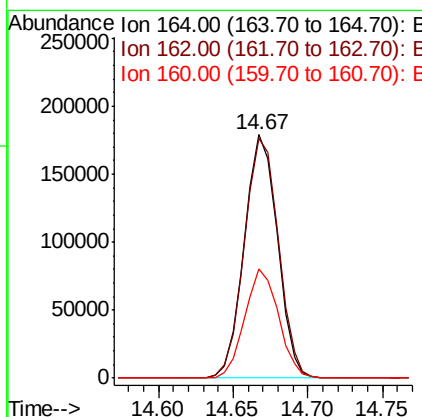
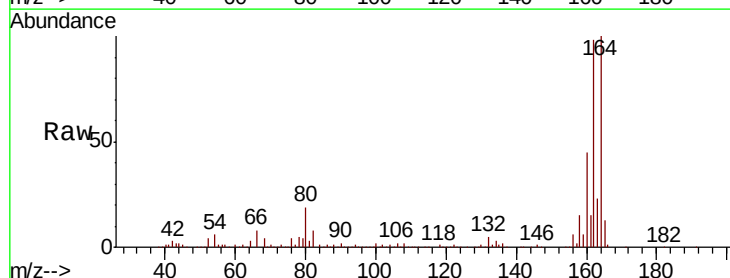
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

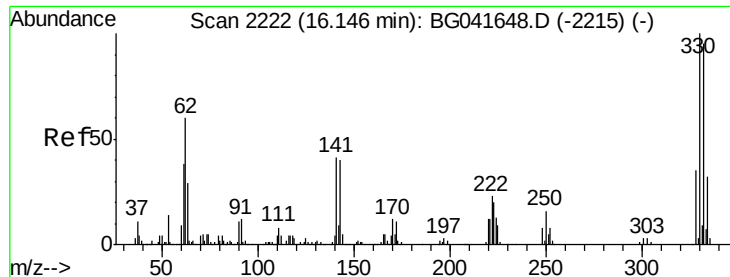
Tot Ion	82	Resp	721676
Ion Ratio	Lower	Upper	
82	100		
128	43.6	35.1	52.7
54	61.8	48.7	73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG041653.D
 Acq: 15 Jul 2019 17:37

Tgt Ion	164	Resp	275303
Ion Ratio	Lower	Upper	
164	100		
162	98.4	79.6	119.4
160	44.8	35.4	53.0

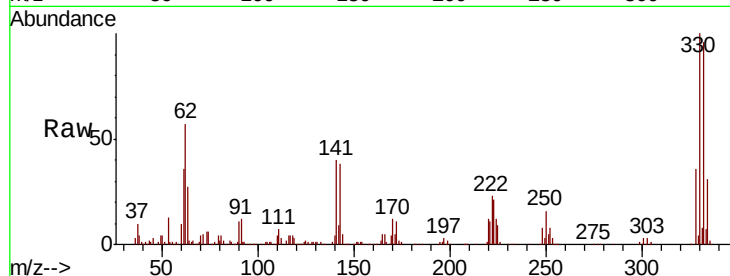




#42
 2,4,6-Tribromophenol
 Concen: 152.157 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG041653.D
 Acq: 15 Jul 2019 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	39.0	31.9	47.9

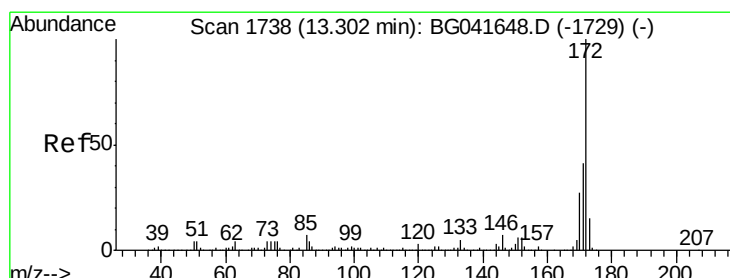
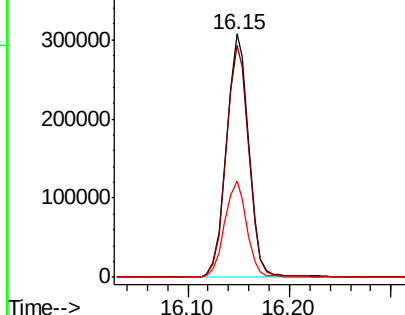
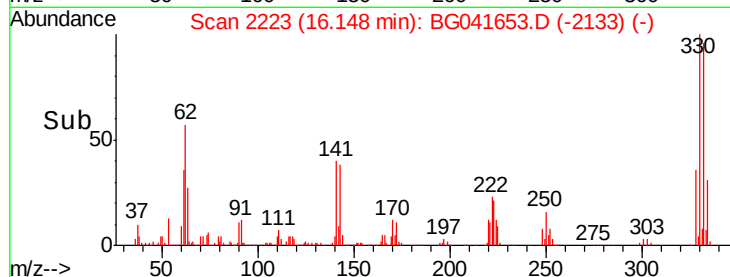


Abundance

Ion 329.80 (329.50 to 330.50): E

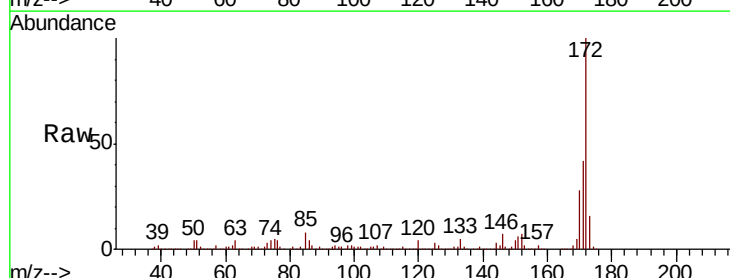
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.374 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG041653.D
 Acq: 15 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.5	35.0	52.4
170	28.4	23.5	35.3

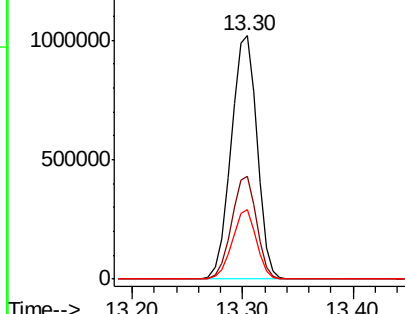
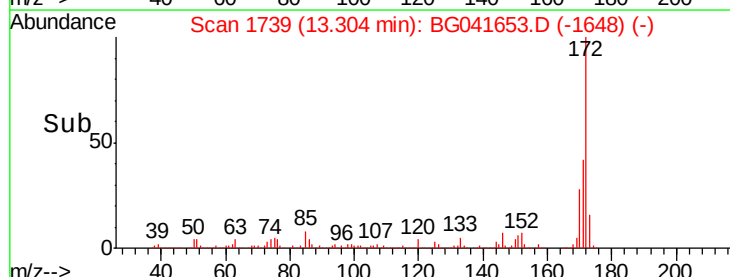


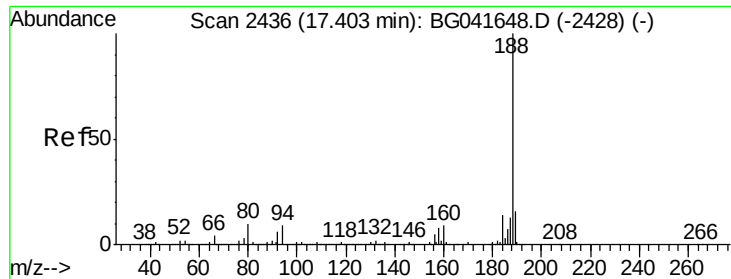
Abundance

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# 2437

Delta R.T. -0.00 min

Lab File: BG041653.D

Acq: 15 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM

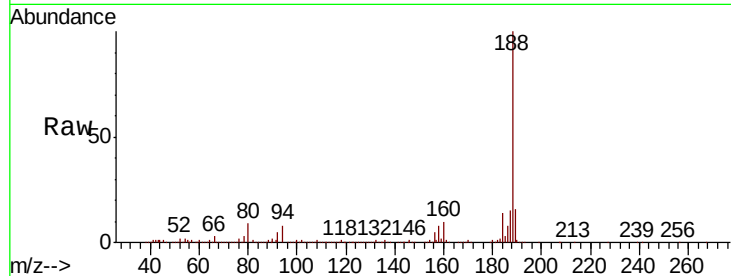
Tot Ion:188 Resp: 648838

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

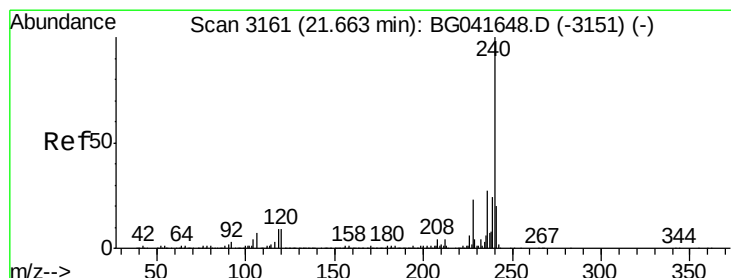
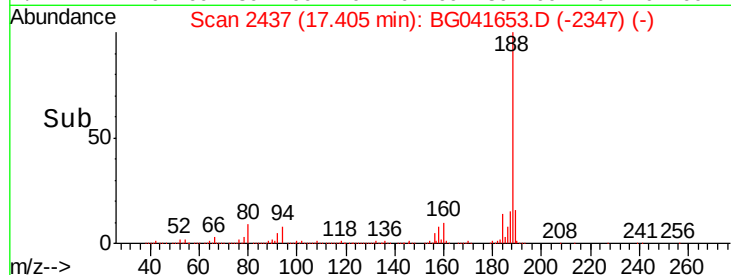
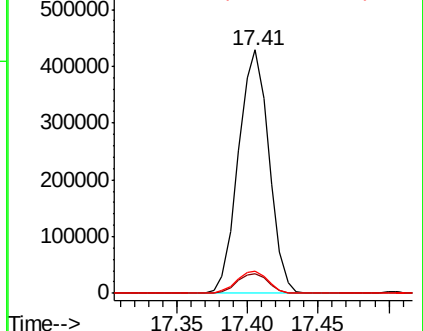
80 9.1 8.0 12.0



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: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041653.D

Acq: 15 Jul 2019 17:37

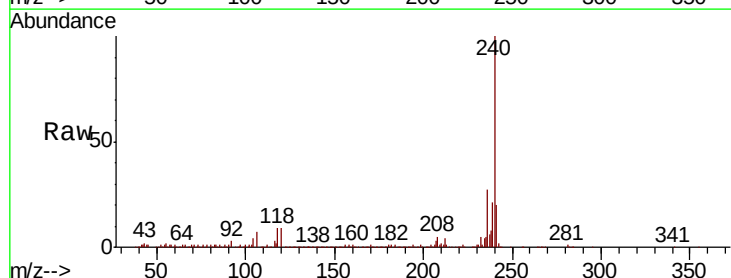
Tgt Ion:240 Resp: 643632

Ion Ratio Lower Upper

240 100

120 8.8 8.0 12.0

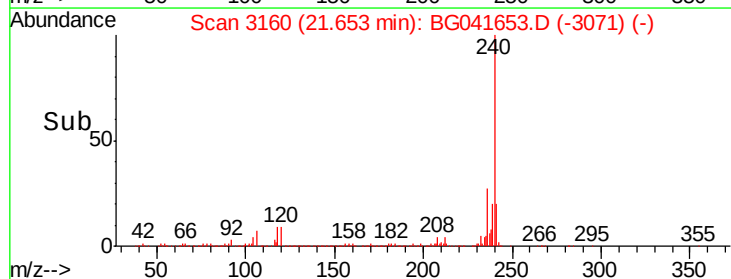
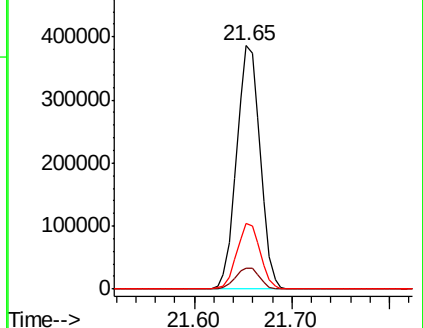
236 27.1 22.6 33.8

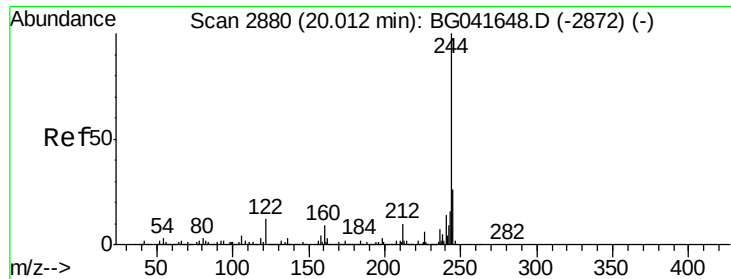


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.357 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG041653.D

Acq: 15 Jul 2019 17:37

Instrument :

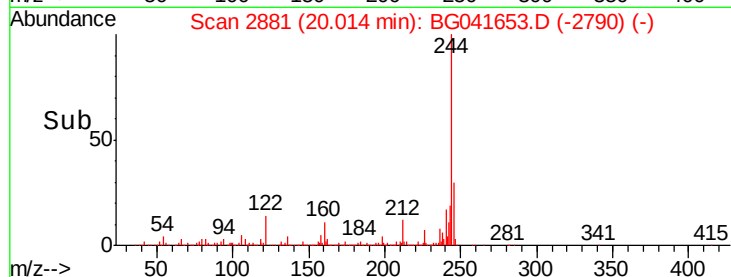
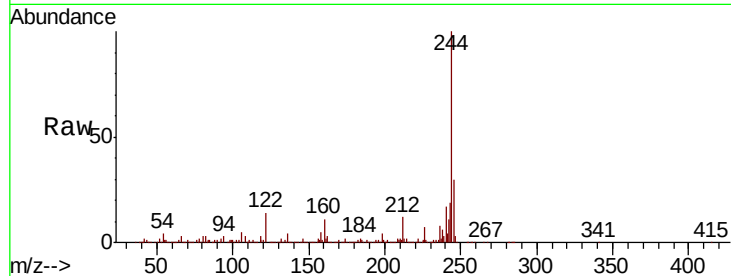
BNA_G

ClientSampleId :

SOIL-DRUM

Tot Ion:244 Resp: 2461095

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.7	14.5
122	14.1	12.5	18.7

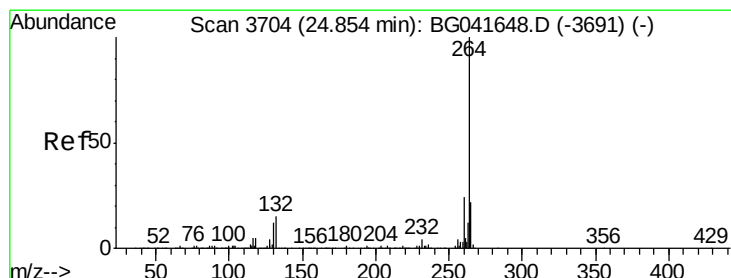
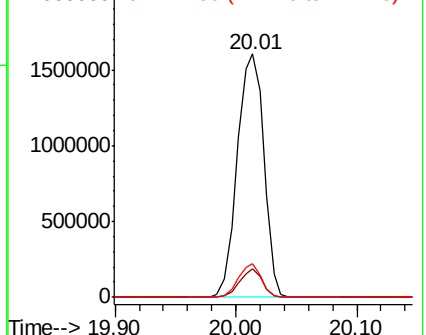


Abundance

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: 24.86 min Scan# 3705

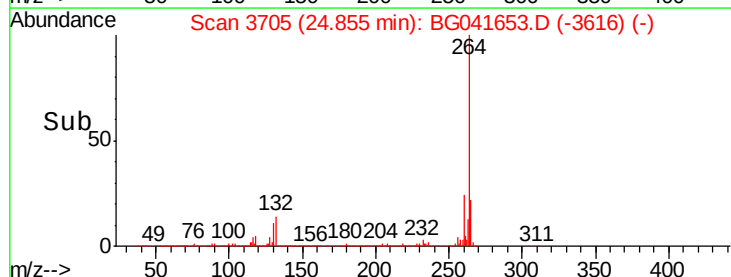
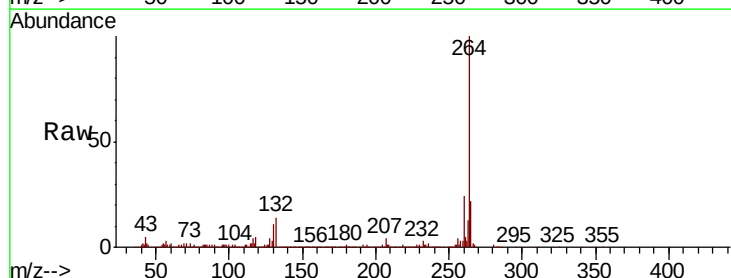
Delta R.T. -0.01 min

Lab File: BG041653.D

Acq: 15 Jul 2019 17:37

Tgt Ion:264 Resp: 712145

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.9	18.0	27.0



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

