

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040860.D
 Acq On : 11 May 2019 00:29
 Operator : HP/JU
 Sample : K2770-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 11 06:30:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51454	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	193765	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	139959	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	391636	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	440169	20.00	ng	-0.04
87) Perylene-d12	25.13	264	442032	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	370862	127.05	ng	-0.01
7) Phenol-d6	7.27	99	476491	106.02	ng	-0.02
23) Nitrobenzene-d5	9.31	82	420403	100.25	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	340250	176.87	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	929659	95.93	ng	-0.03
79) Terphenyl-d14	20.11	244	1950109	98.15	ng	-0.03

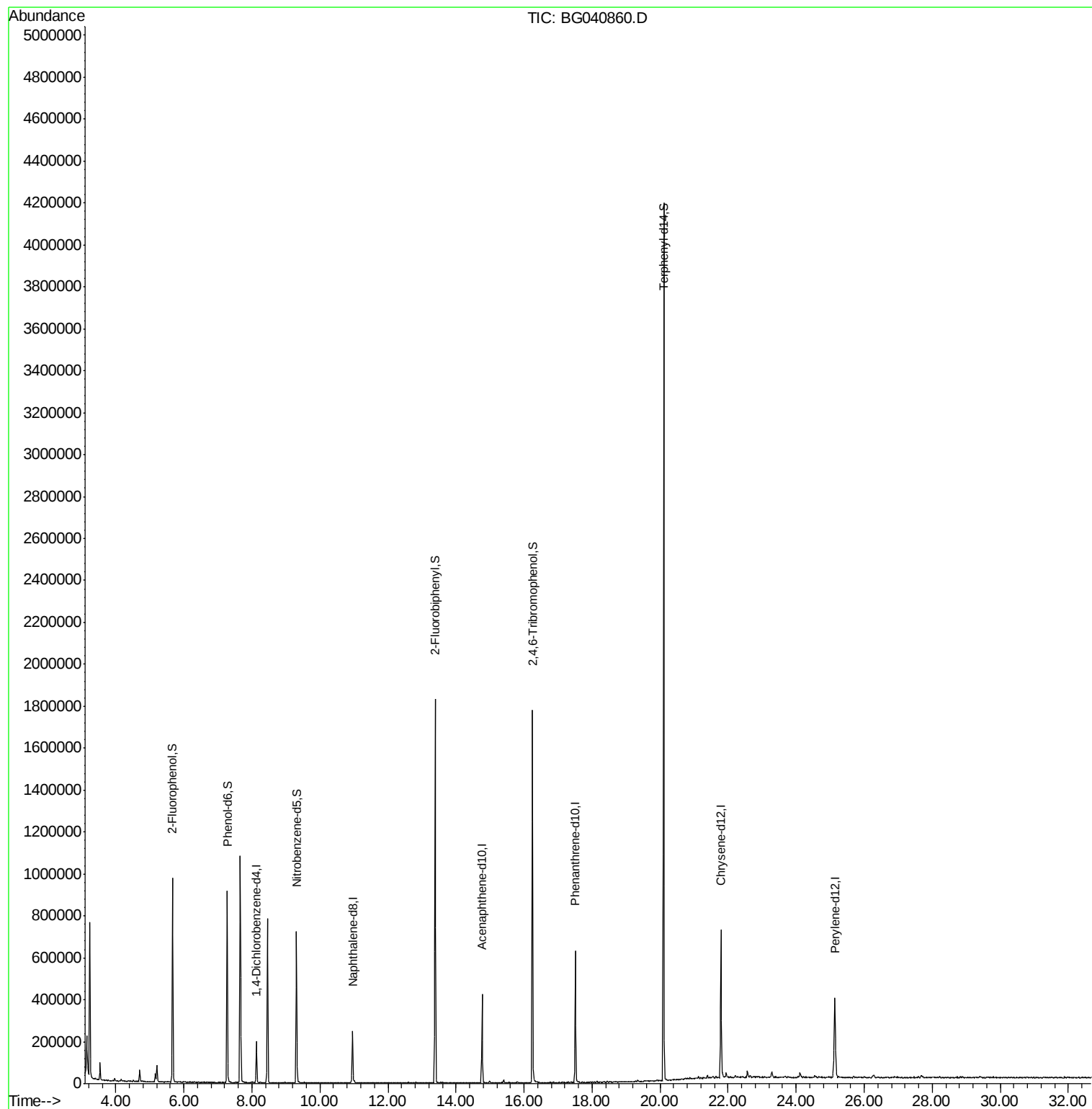
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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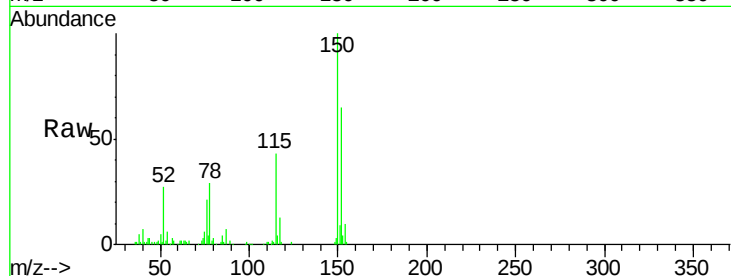


#1

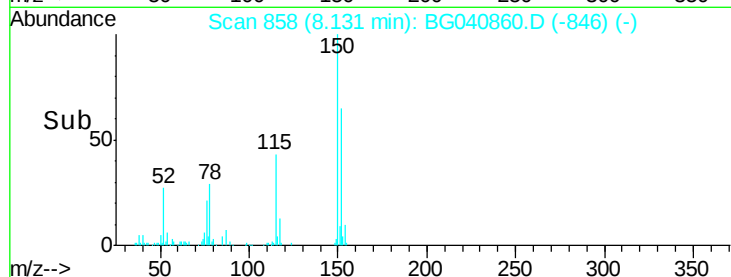
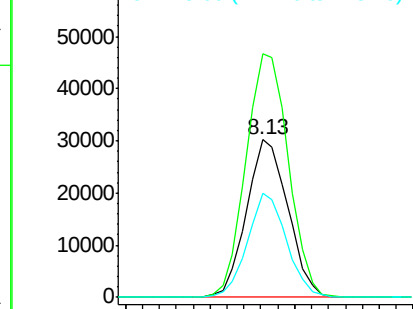
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040860.D
Acq: 11 May 2019 00:29

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM

Tgt Ion:152 Resp: 51454
Ion Ratio Lower Upper
152 100
150 154.3 120.2 180.2
115 66.1 46.2 69.2



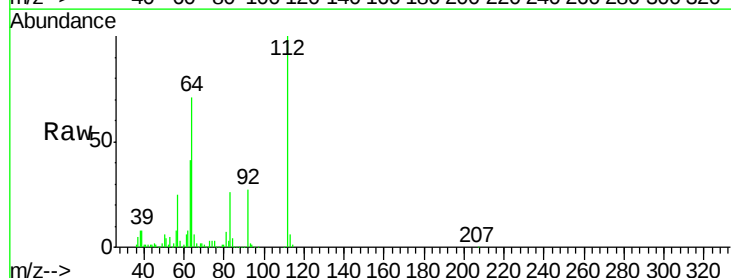
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



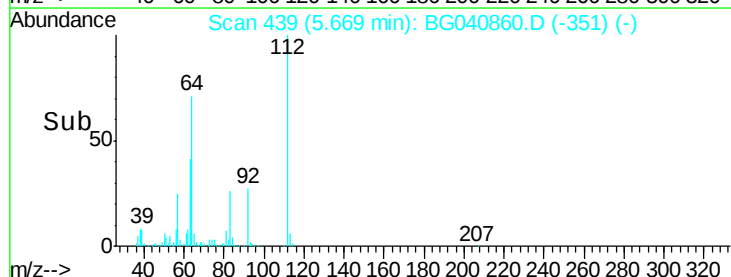
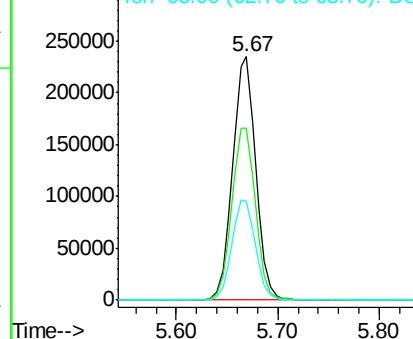
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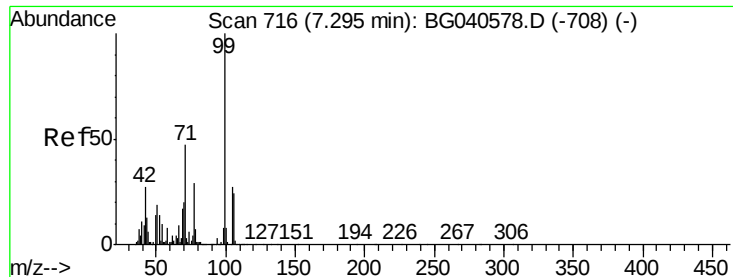
2-Fluorophenol
Concen: 127.054 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.01 min
Lab File: BG040860.D
Acq: 11 May 2019 00:29

Tgt Ion:112 Resp: 370862
Ion Ratio Lower Upper
112 100
64 70.9 61.4 92.0
63 40.6 37.8 56.6



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: 106.020 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040860.D

Acq: 11 May 2019 00:29

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM

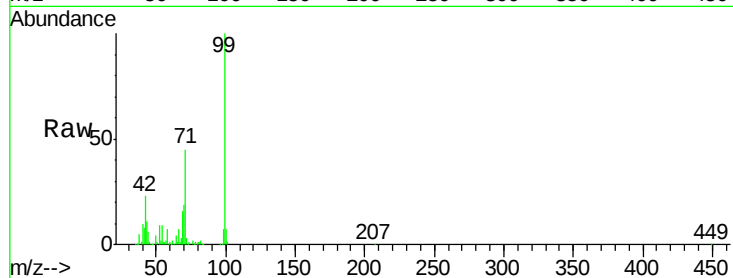
Tgt Ion: 99 Resp: 476491

Ion Ratio Lower Upper

99 100

42 22.9 21.8 32.8

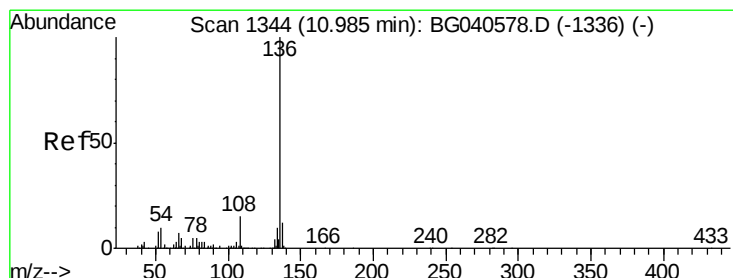
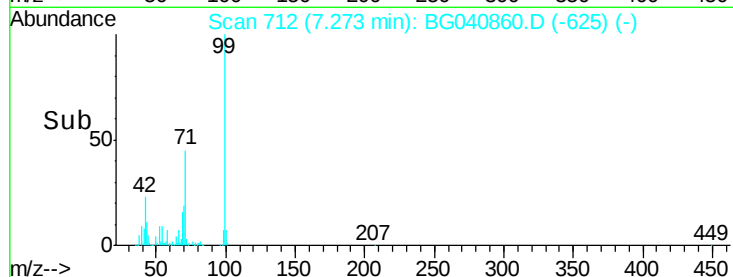
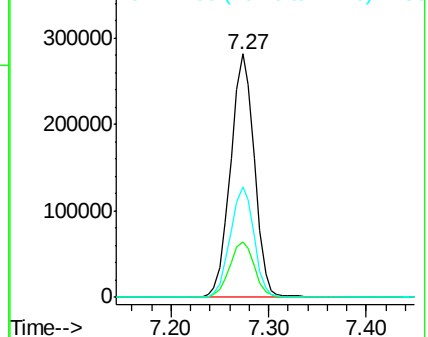
71 45.3 38.6 57.8



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: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040860.D

Acq: 11 May 2019 00:29

Tgt Ion: 136 Resp: 193765

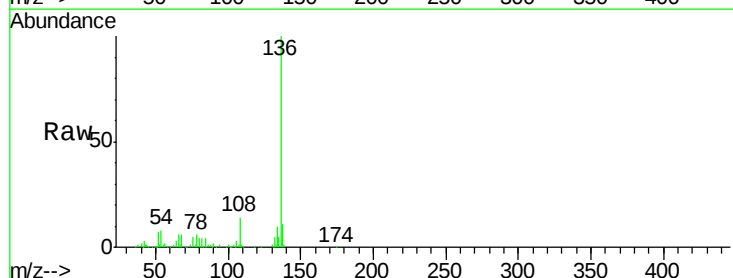
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 7.7 8.6 12.8#

68 5.7 4.8 7.2

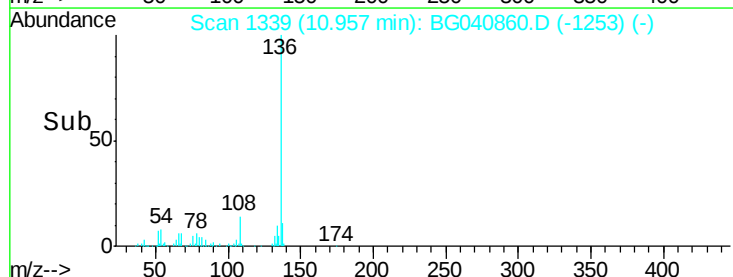
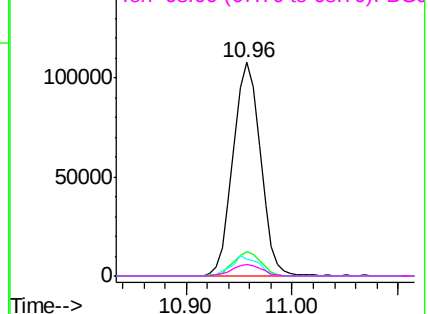


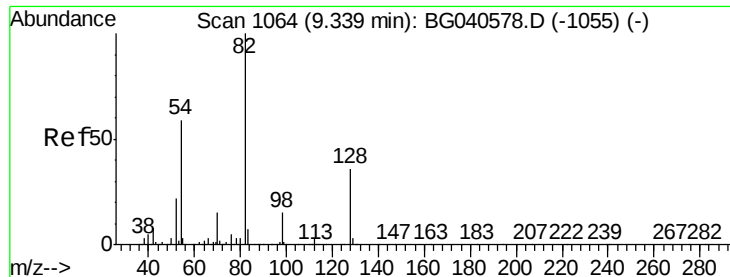
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

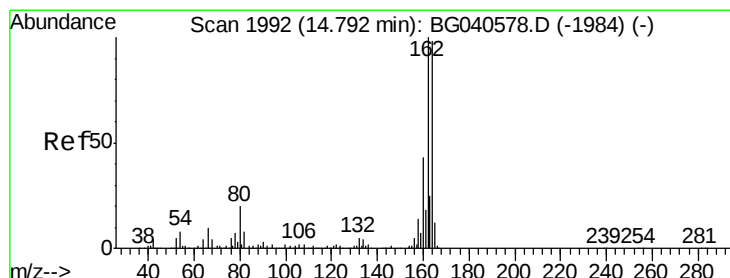
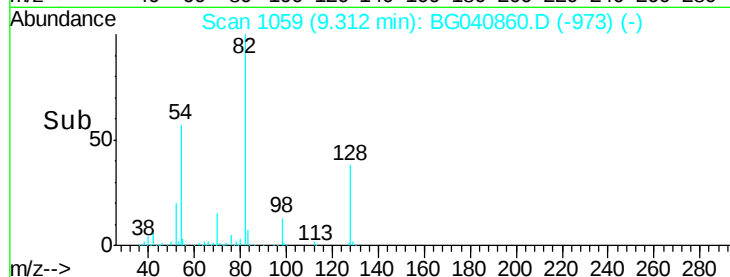
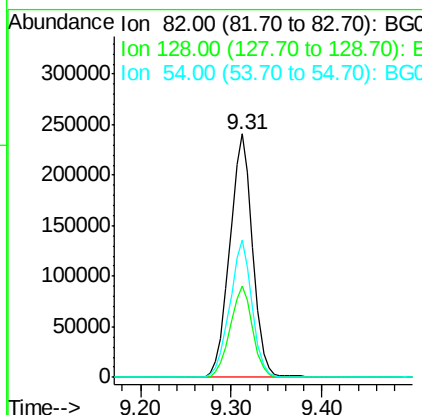
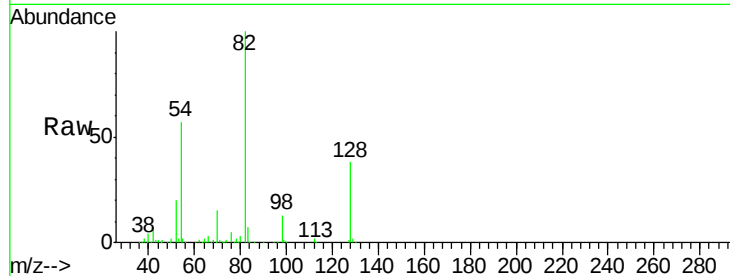




#23
 Nitrobenzene-d5
 Concen: 100.252 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040860.D
 Acq: 11 May 2019 00:29

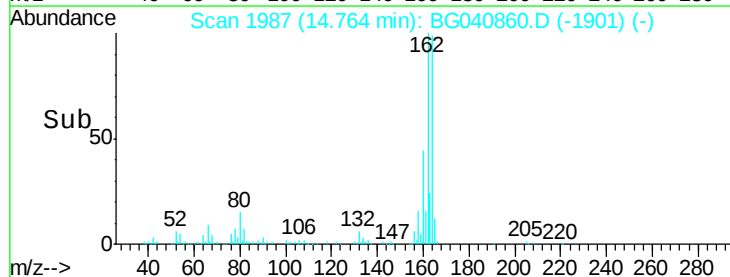
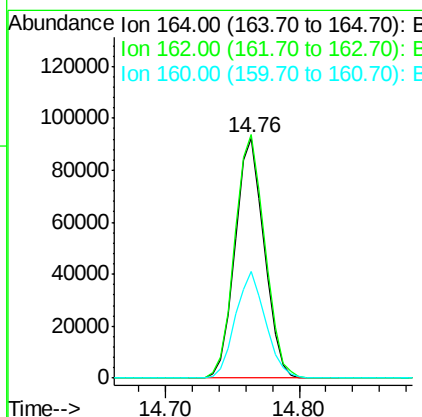
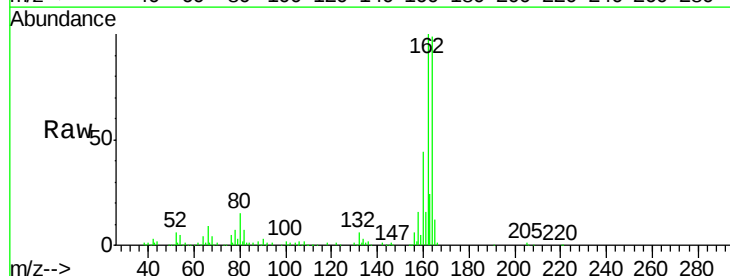
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

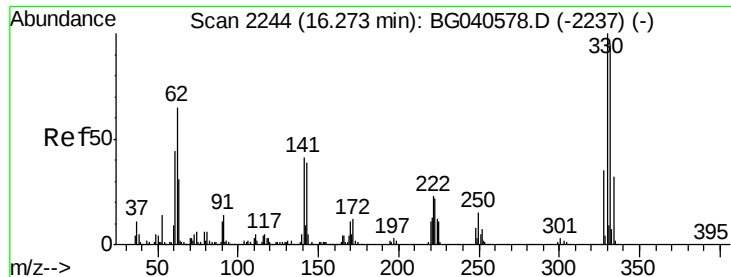
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	28.9	43.3
54	56.6	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040860.D
 Acq: 11 May 2019 00:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.9	122.9
160	44.6	35.4	53.2

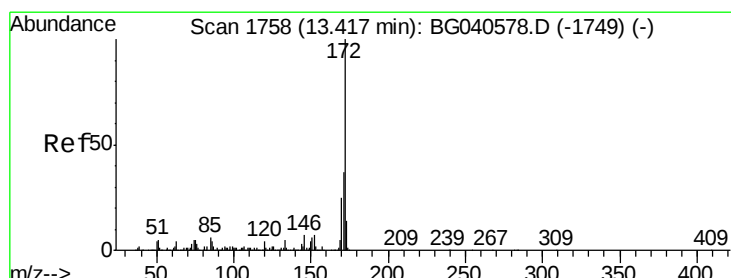
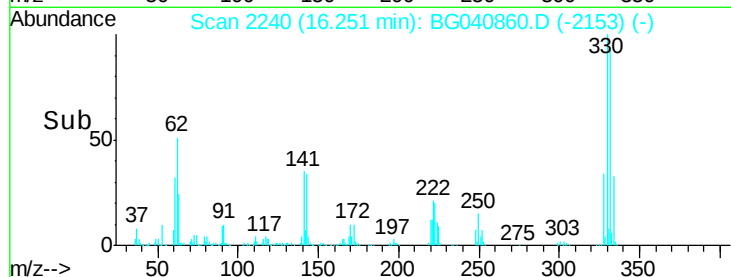
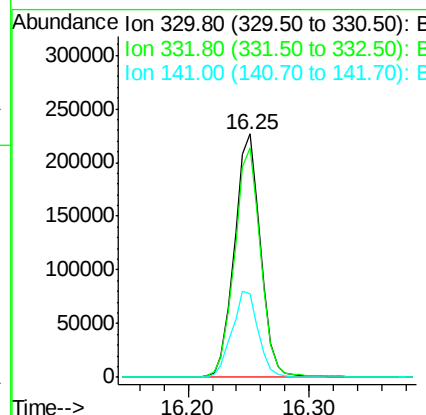
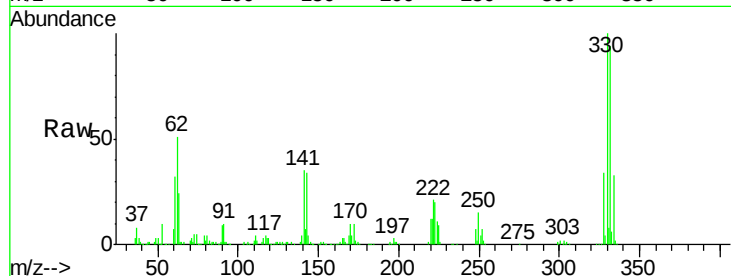




#42
 2,4,6-Tribromophenol
 Concen: 176.866 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040860.D
 Acq: 11 May 2019 00:29

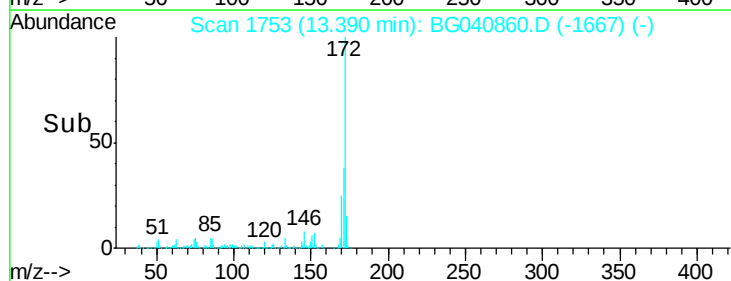
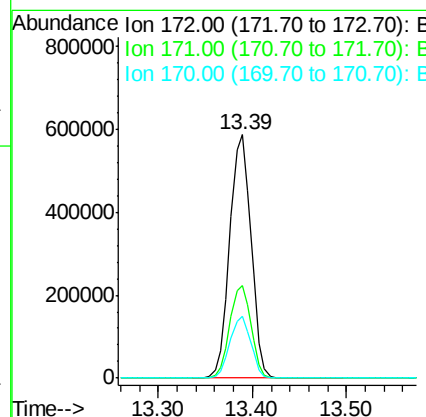
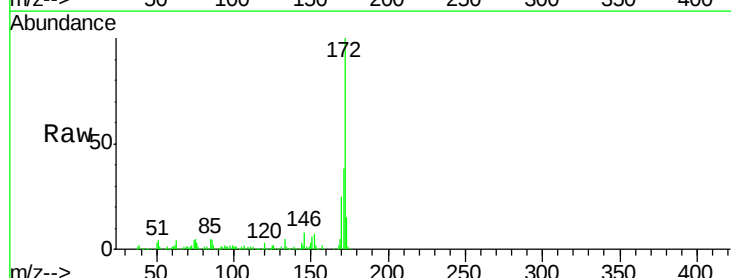
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

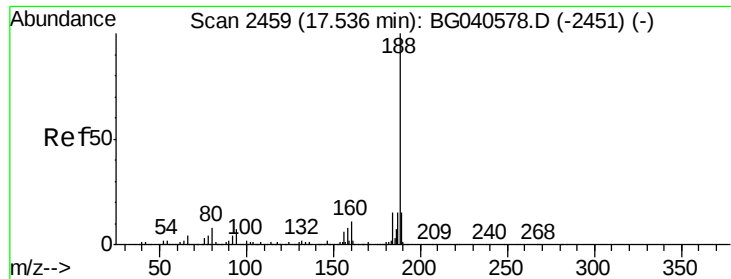
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	36.0	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 95.929 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040860.D
 Acq: 11 May 2019 00:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	25.2	19.9	29.9

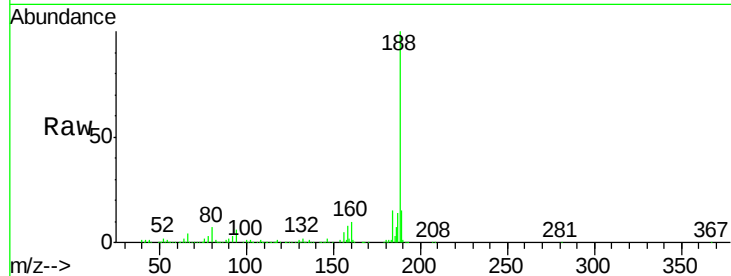




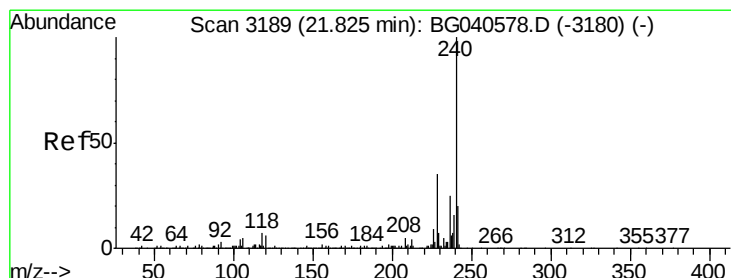
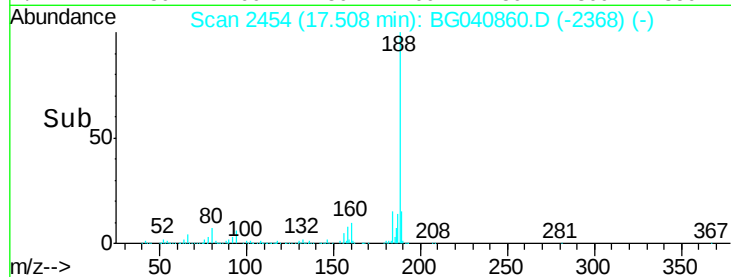
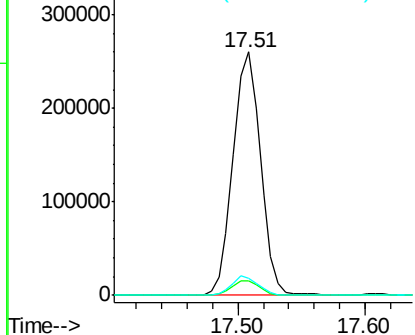
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040860.D
Acq: 11 May 2019 00:29

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	6.8	6.4	9.6

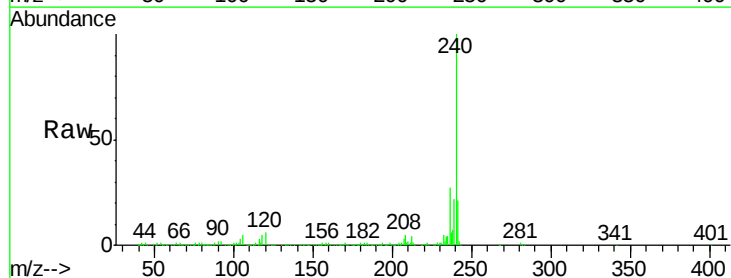


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

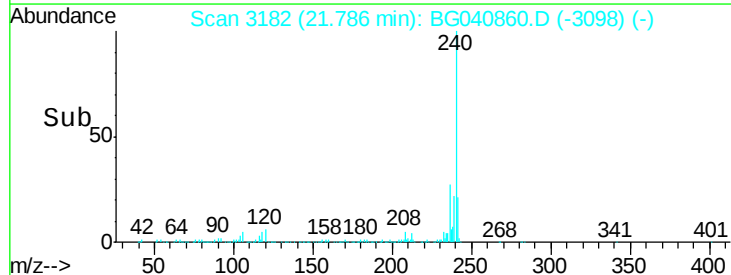
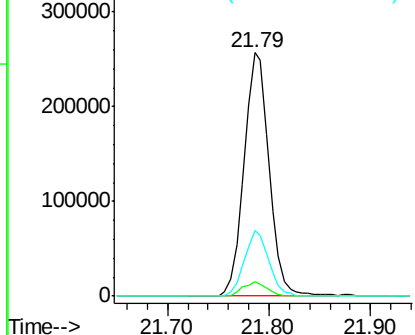


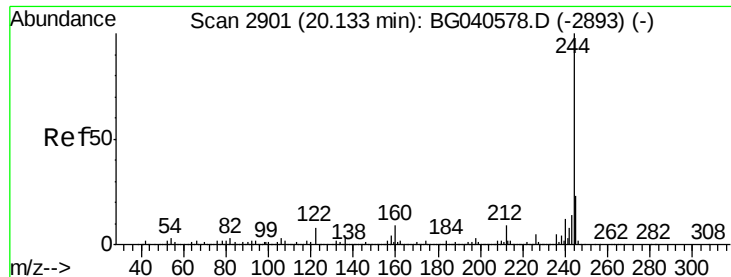
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040860.D
Acq: 11 May 2019 00:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.6
236	26.7	20.3	30.5



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: 98.151 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040860.D

Acq: 11 May 2019 00:29

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM

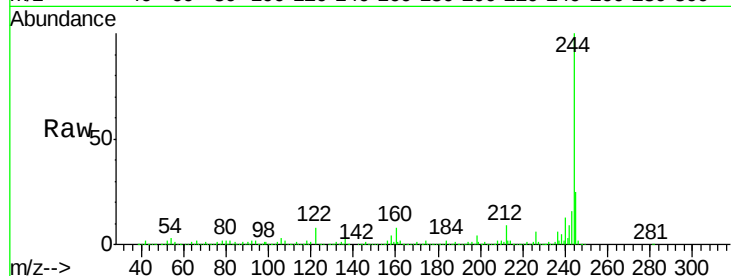
Tgt Ion:244 Resp: 1950109

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

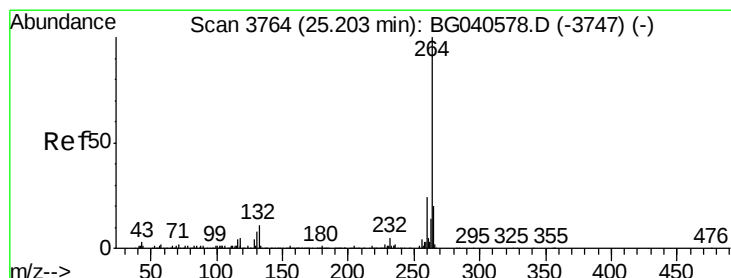
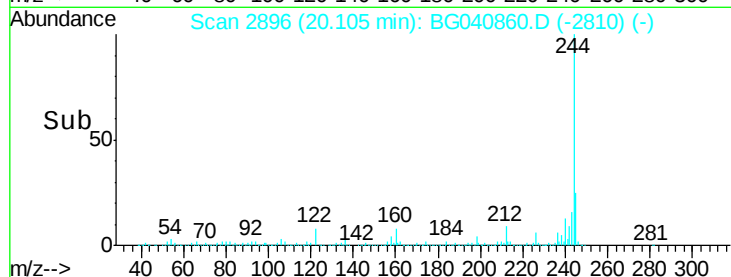
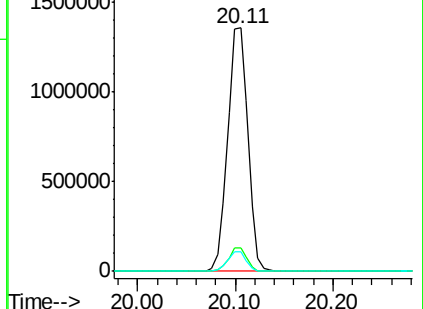
122 8.0 6.6 10.0



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: 25.13 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040860.D

Acq: 11 May 2019 00:29

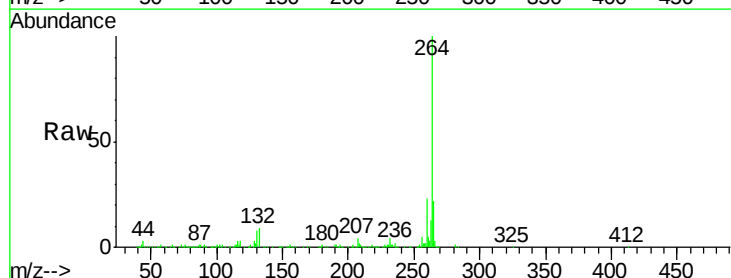
Tgt Ion:264 Resp: 442032

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 16.6 25.0



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

