

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044006.D
 Acq On : 10 Jan 2020 17:32
 Operator : JU
 Sample : L1064-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-B

Quant Time: Jan 11 04:59:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

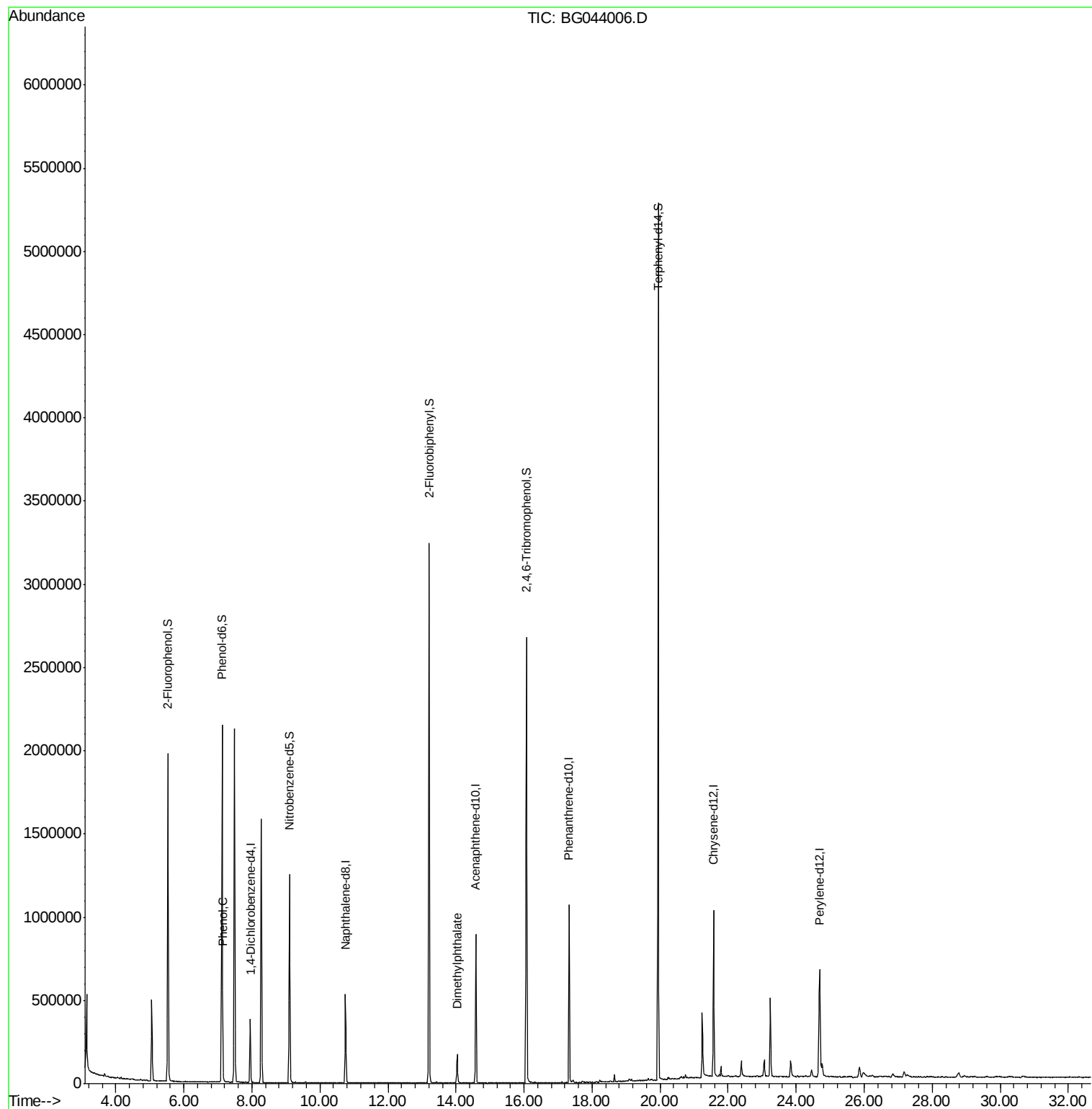
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	113097	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	483258	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	309325	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	661313	20.00	ng	0.00
76) Chrysene-d12	21.57	240	576017	20.00	ng	-0.02
87) Perylene-d12	24.69	264	636193	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	941377	152.83	ng	0.00
7) Phenol-d6	7.12	99	1322688	153.62	ng	0.00
23) Nitrobenzene-d5	9.11	82	788972	87.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	505545	156.18	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1662487	97.37	ng	-0.02
79) Terphenyl-d14	19.94	244	2277659	99.62	ng	-0.01
Target Compounds						
10) Phenol	7.14	94	31420	3.542	ng	86
50) Dimethylphthalate	14.04	163	131395	5.982	ng	96

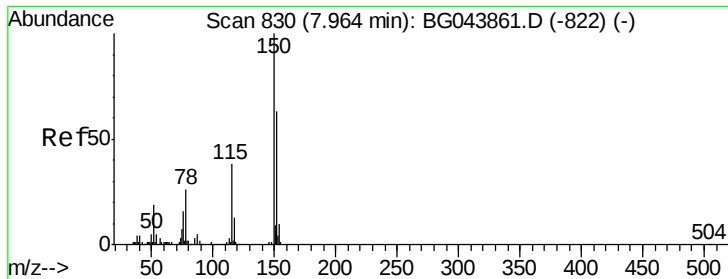
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG044006.D
Acq On : 10 Jan 2020 17:32
Operator : JU
Sample : L1064-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-B

Quant Time: Jan 11 04:59:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



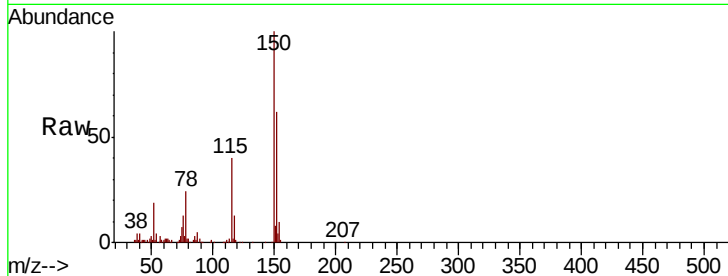


#1

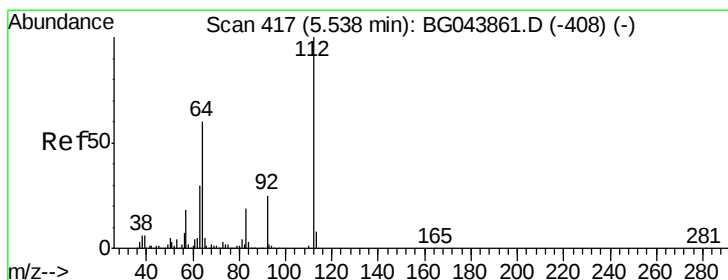
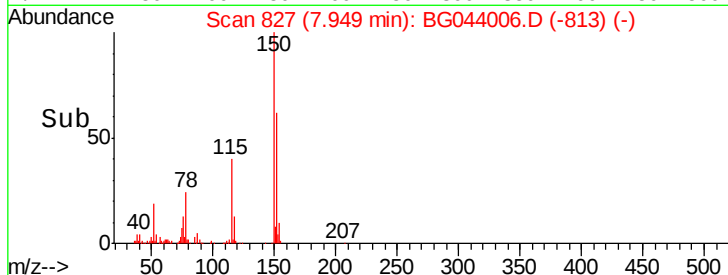
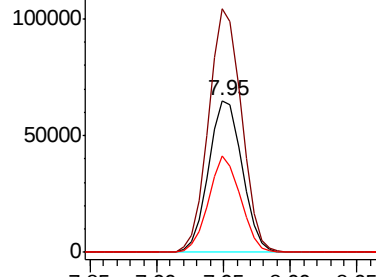
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

Instrument :
BNA_G
ClientSampleId :
SOIL-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.0	190.4
115	63.8	47.8	71.8



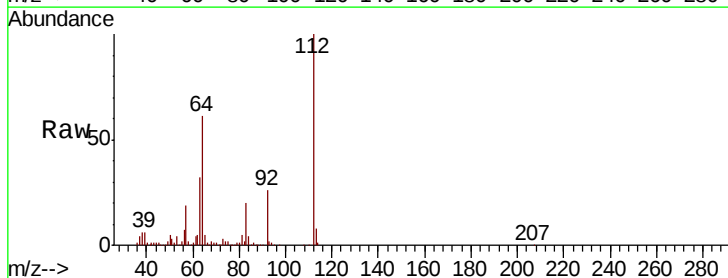
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



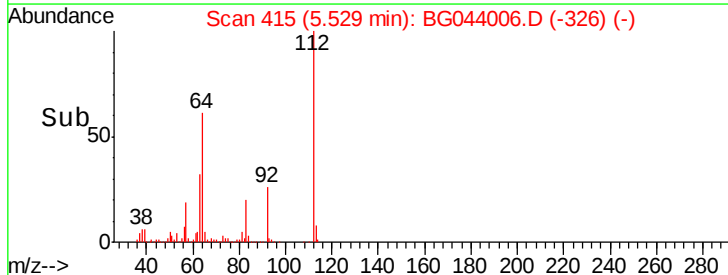
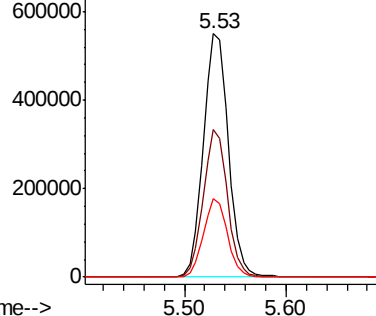
#5

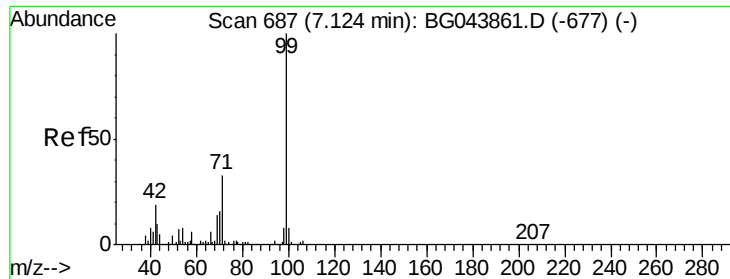
2-Fluorophenol
Concen: 152.832 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.8	71.6
63	32.3	24.3	36.5



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: 153.623 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044006.D

Acq: 10 Jan 2020 17:32

Instrument :

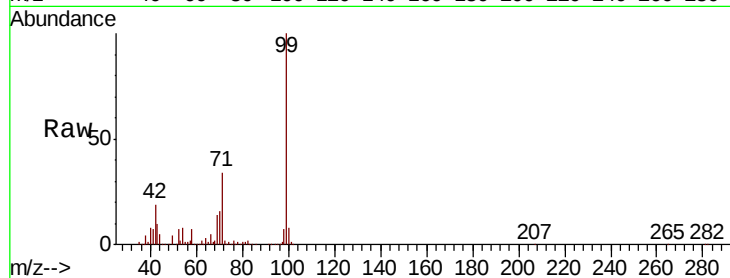
BNA_G

ClientSampleId :

SOIL-B

Tot Ion: 99 Resp: 1322688

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	34.1	26.4	39.6

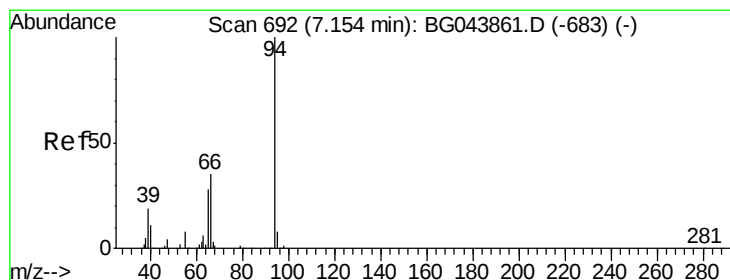
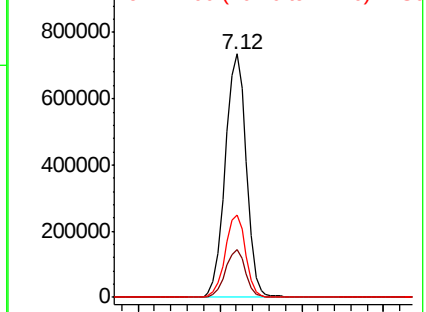
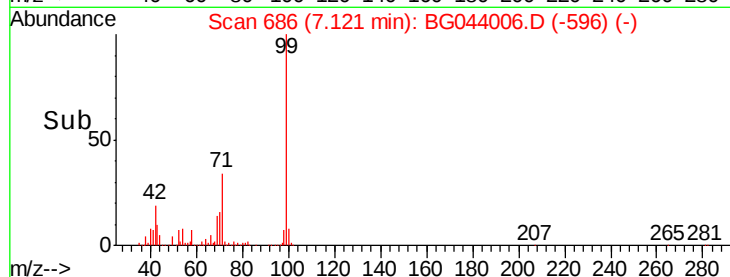


Abundance

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



#10

Phenol

Concen: 3.542 ng

RT: 7.14 min Scan# 690

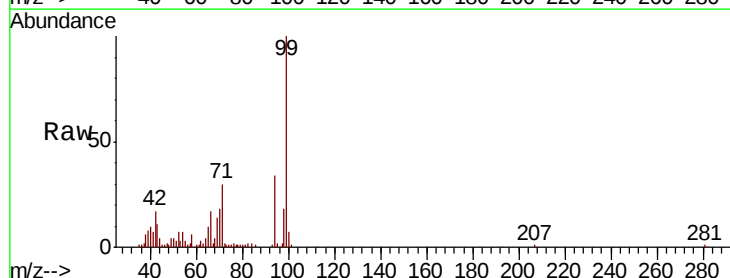
Delta R.T. -0.01 min

Lab File: BG044006.D

Acq: 10 Jan 2020 17:32

Tgt Ion: 94 Resp: 31420

Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.1	48.1
66	49.2	15.6	55.6

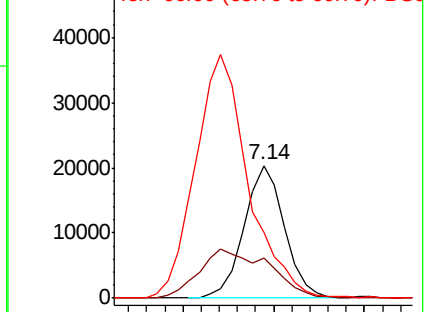
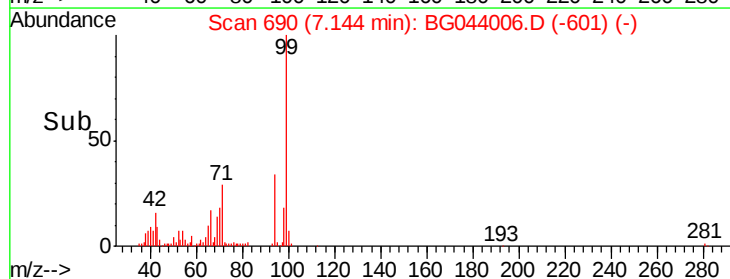


Abundance

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

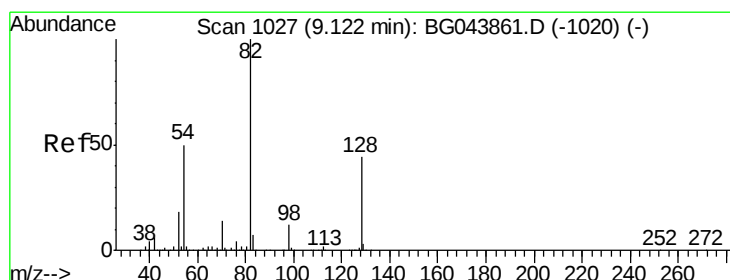
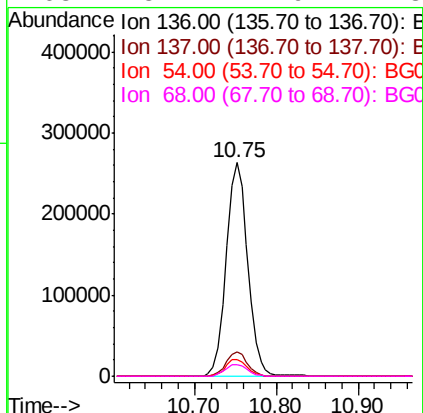
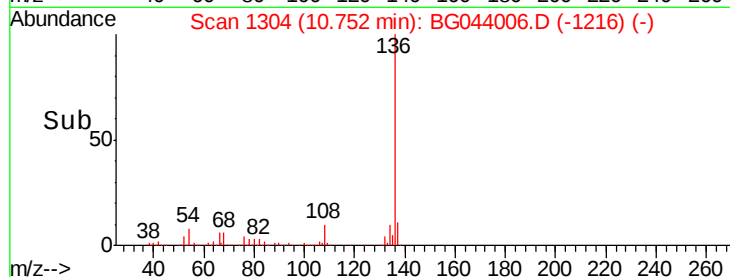
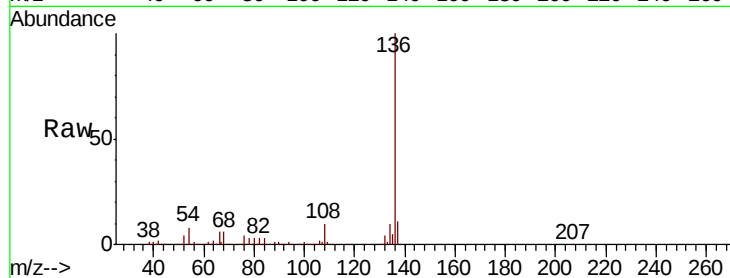




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

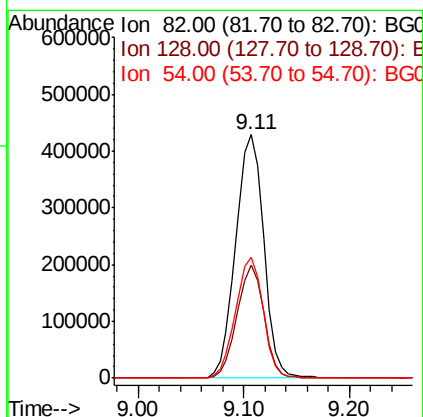
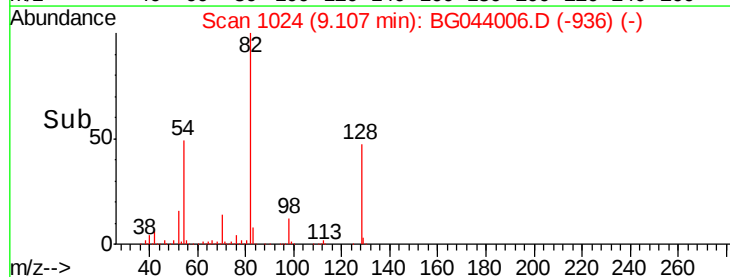
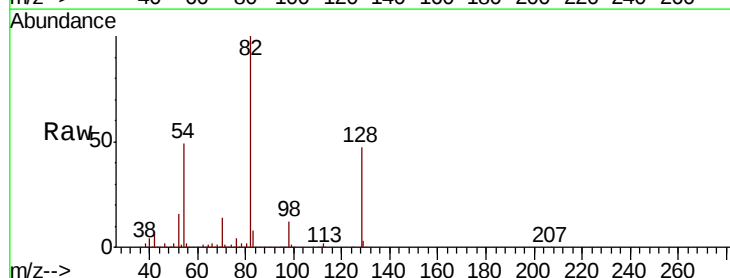
Instrument :
BNA_G
ClientSampleId :
SOIL-B

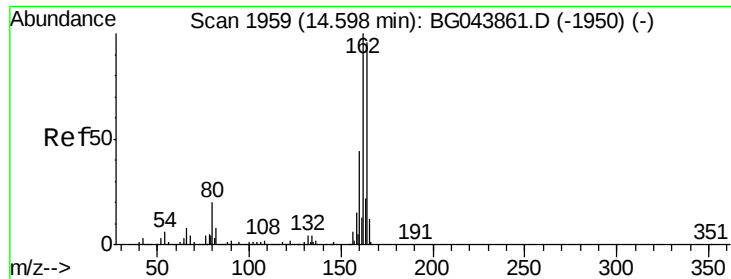
Tot Ion:136	Resp: 483258
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 7.6	7.0 10.4
68 5.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 87.338 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

Tgt	Ion: 82	Resp:	788972
Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.1	52.7
54	49.4	40.1	60.1

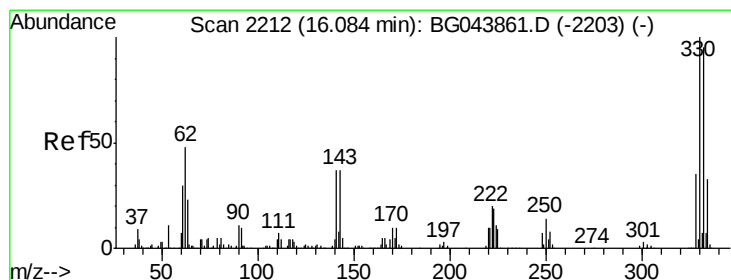
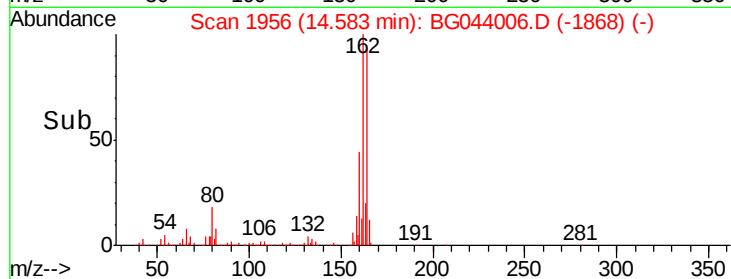
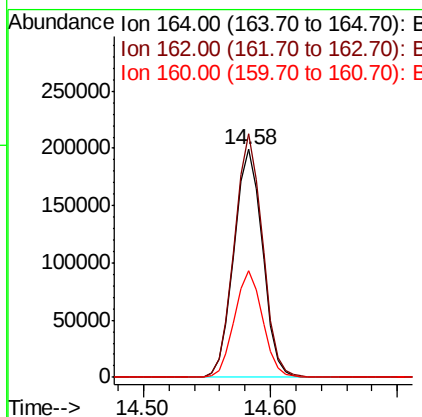
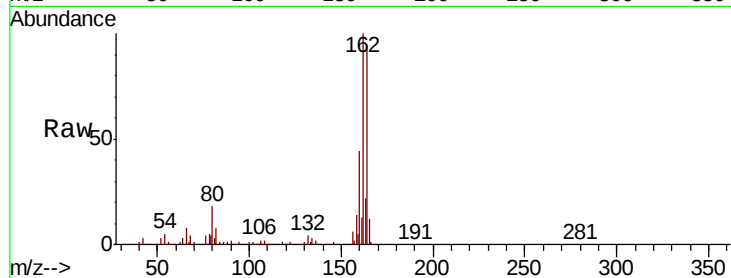




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

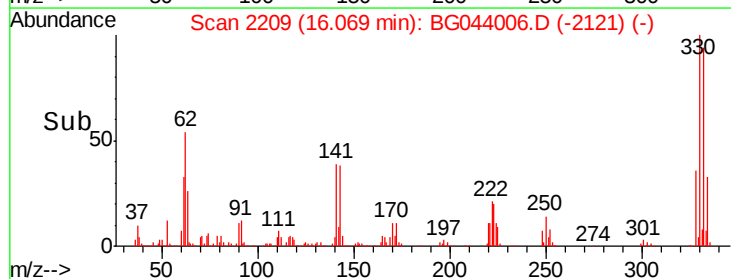
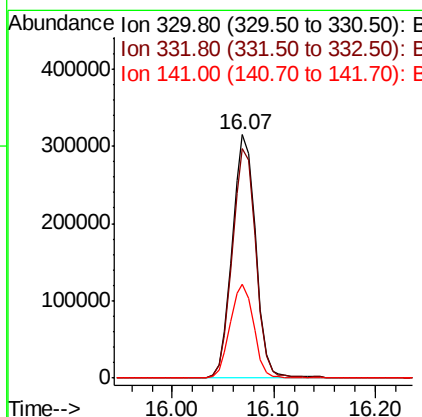
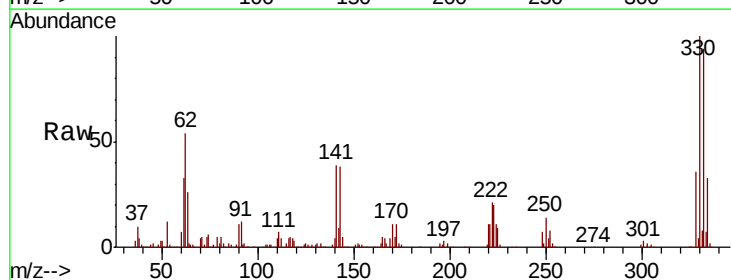
Instrument :
BNA_G
ClientSampled :
SOIL-B

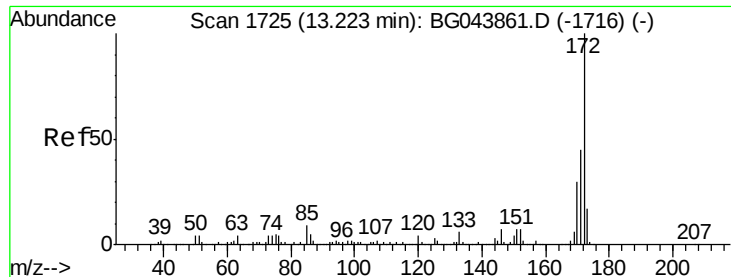
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.0	124.4
160	46.7	36.1	54.1



#42
2,4,6-Tribromophenol
Concen: 156.176 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.2	115.8
141	39.2	33.1	49.7

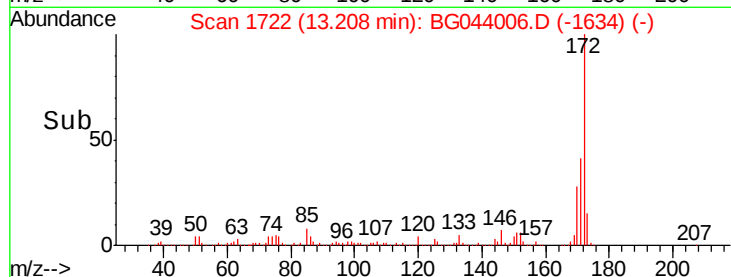
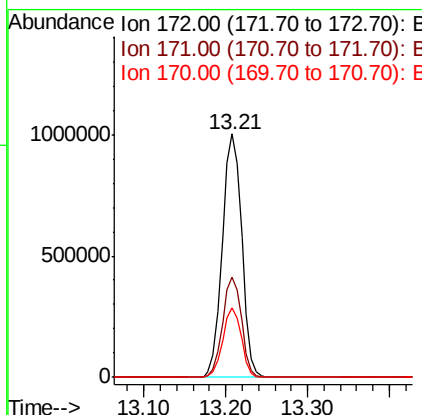
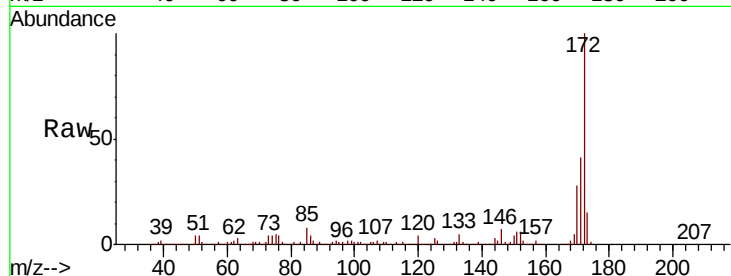




#45
2-Fluorobiphenyl
Concen: 97.375 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

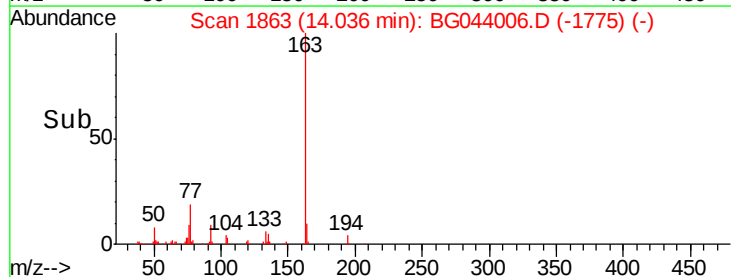
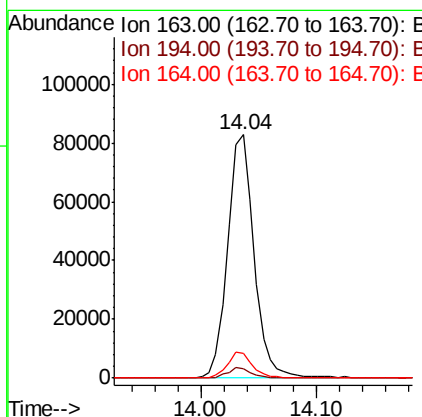
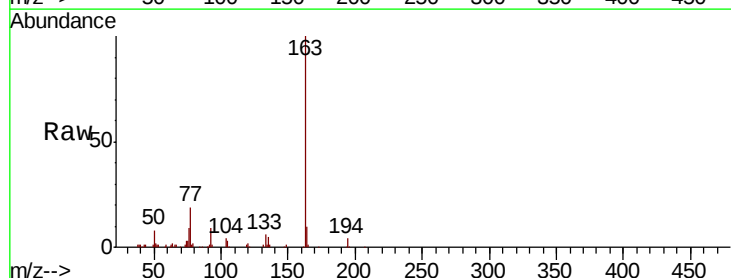
Instrument :
BNA_G
ClientSampled :
SOIL-B

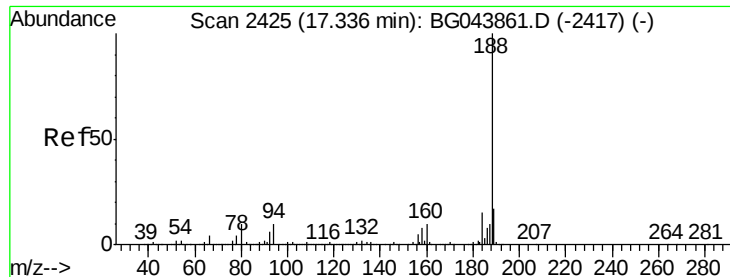
Tot Ion:172 Resp: 1662487
Ion Ratio Lower Upper
172 100
171 41.4 35.8 53.8
170 28.4 24.2 36.4



#50
Dimethylphthalate
Concen: 5.982 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BG044006.D
Acq: 10 Jan 2020 17:32

Tgt Ion:163 Resp: 131395
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 9.9 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044006.D

Acq: 10 Jan 2020 17:32

Instrument :

BNA_G

ClientSampled :

SOIL-B

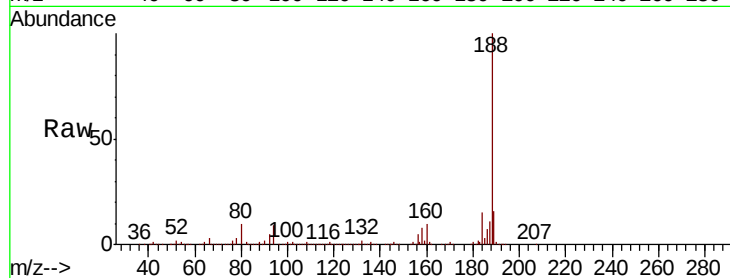
Tot Ion:188 Resp: 661313

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

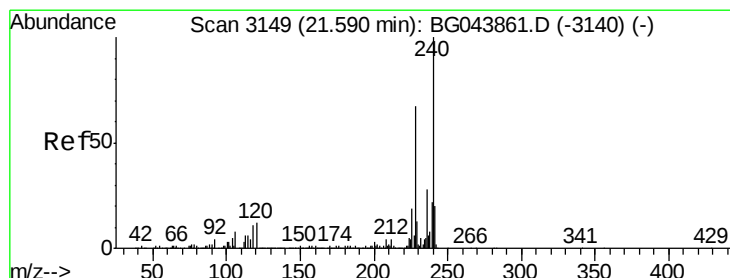
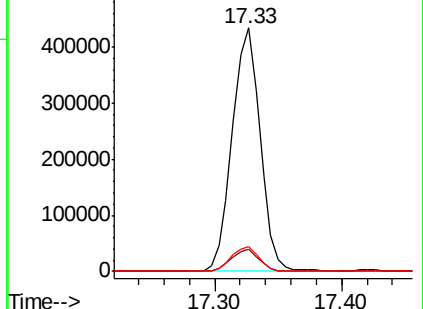
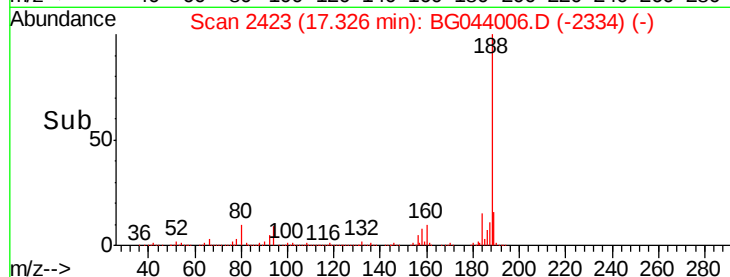
80 10.4 8.2 12.4



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: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG044006.D

Acq: 10 Jan 2020 17:32

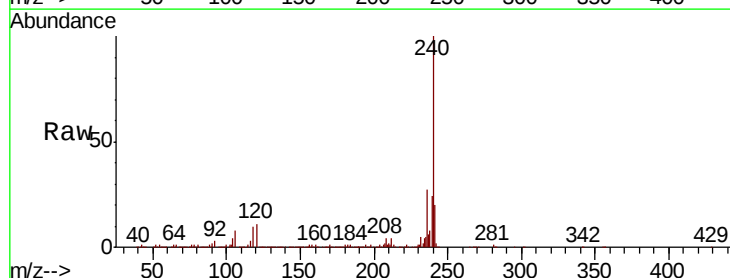
Tgt Ion:240 Resp: 576017

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

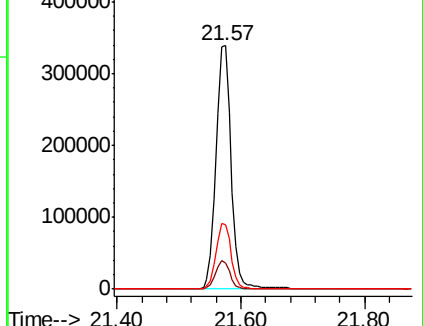
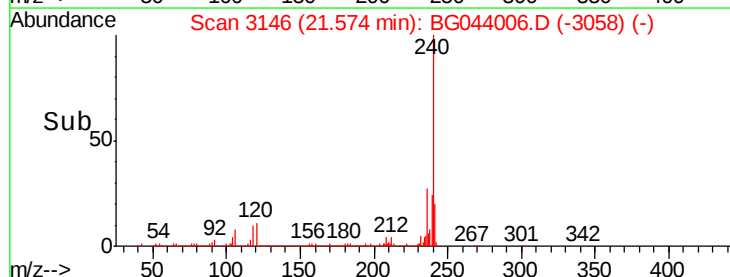
236 26.6 22.2 33.2

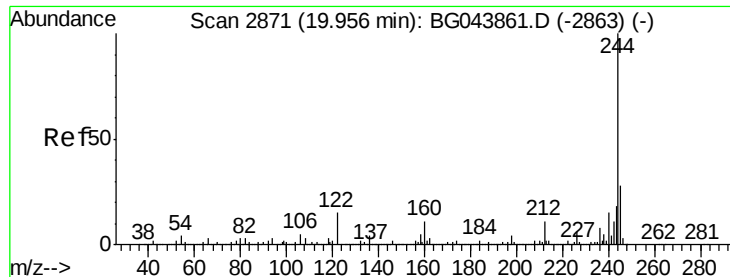


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.620 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG044006.D

Acq: 10 Jan 2020 17:32

Instrument :

BNA_G

ClientSampled :

SOIL-B

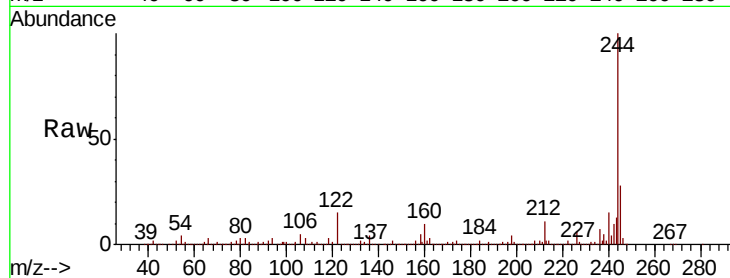
Tot Ion:244 Resp: 2277659

Ion Ratio Lower Upper

244 100

212 10.7 8.6 13.0

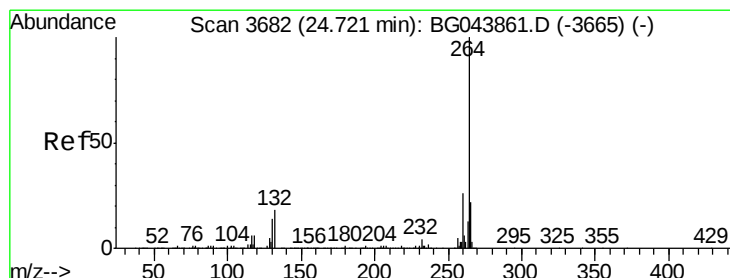
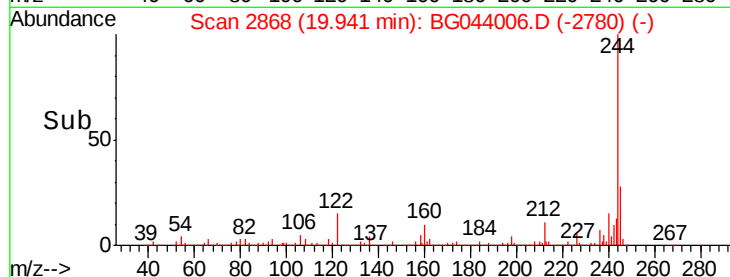
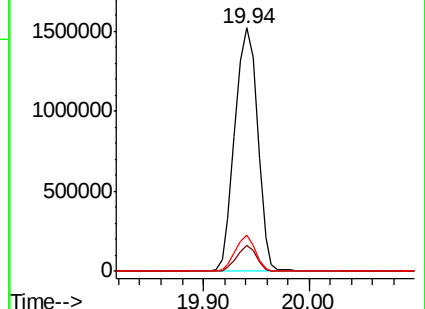
122 14.8 11.9 17.9



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: 24.69 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG044006.D

Acq: 10 Jan 2020 17:32

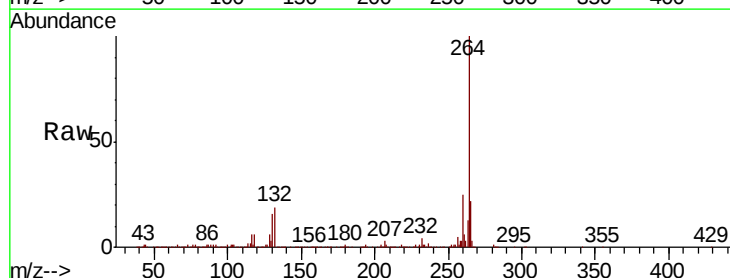
Tgt Ion:264 Resp: 636193

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 21.7 17.4 26.2



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

