

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049209.D
 Acq On : 7 Jul 2021 21:33
 Operator : CG/JU
 Sample : M2947-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-6

Quant Time: Jul 08 02:22:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

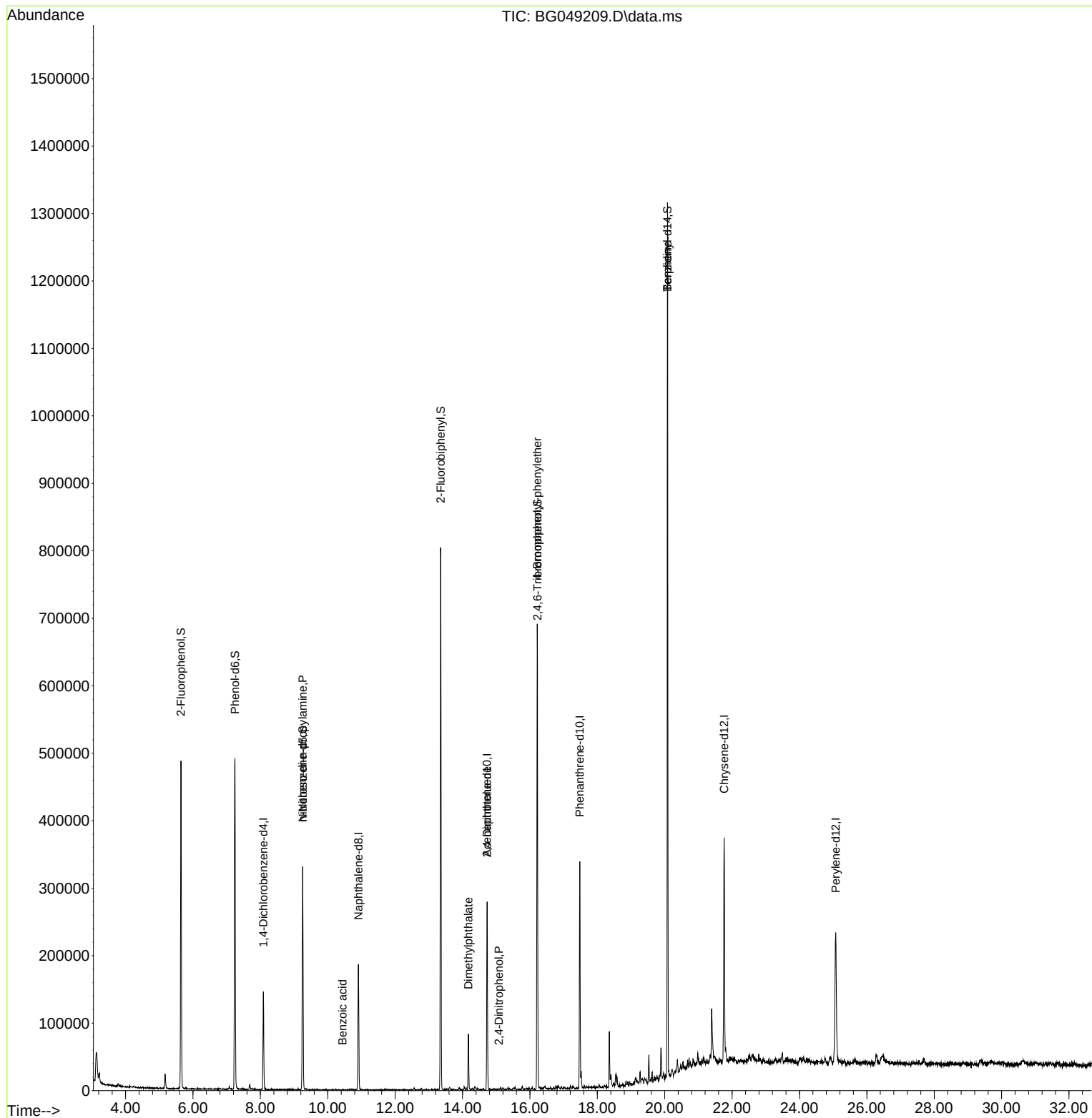
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	39142	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	154714	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	100181	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	215061	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	211260	20.00	ng	0.00
86) Perylene-d12	25.070	264	221235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	203565	81.46	ng	0.00
7) Phenol-d6	7.244	99	261230	73.32	ng	0.00
23) Nitrobenzene-d5	9.254	82	192466	52.74	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	140391	80.84	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	428705	57.73	ng	0.00
79) Terphenyl-d14	20.082	244	639629	51.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	28159	11.00	ng	# 69
32) Benzoic acid	10.435	122	54	6.30	ng	# 1
50) Dimethylphthalate	14.171	163	52023	6.47	ng	# 98
54) 2,4-Dinitrophenol	15.082	184	55	5.21	ng	# 8
57) 2,4-Dinitrotoluene	14.730	165	14118	5.39	ng	# 16
67) 4-Bromophenyl-phenylether	16.216	248	8409	2.90	ng	# 1
77) Benzidine	20.082	184	12271	2.70	ng	97

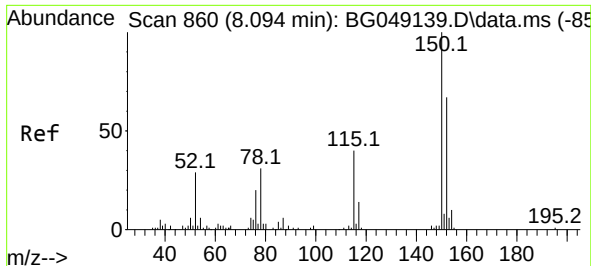
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049209.D
Acq On : 7 Jul 2021 21:33
Operator : CG/JU
Sample : M2947-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

Quant Time: Jul 08 02:22:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

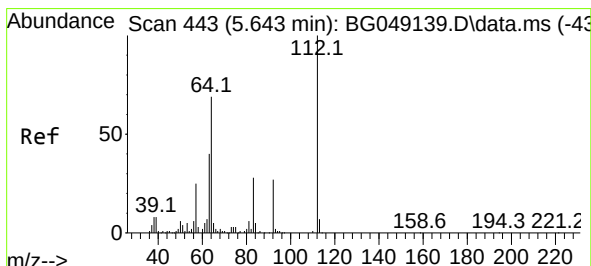
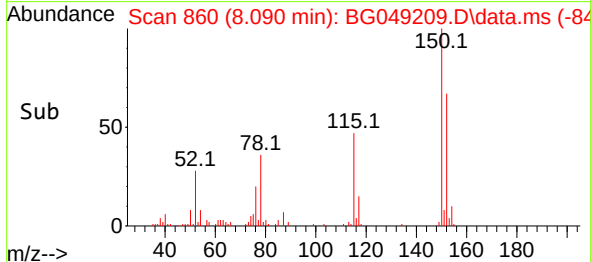
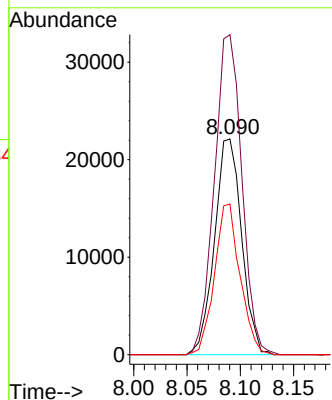
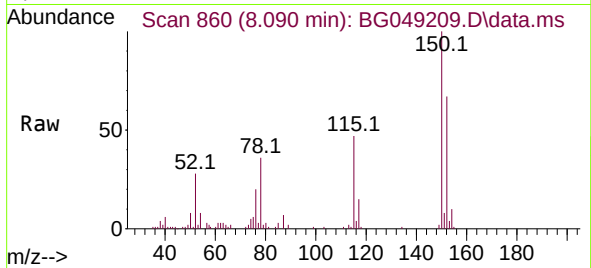




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

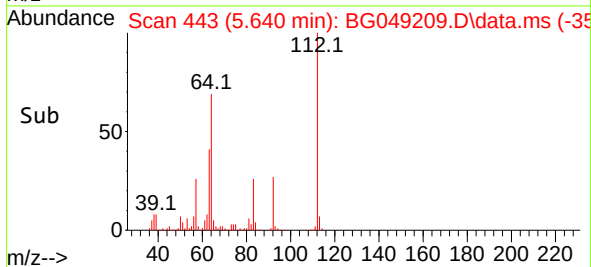
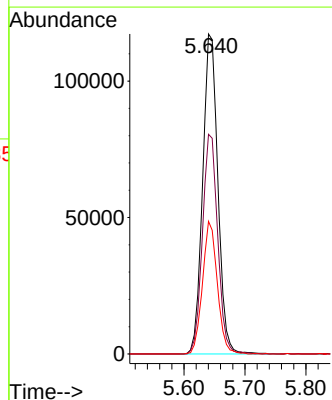
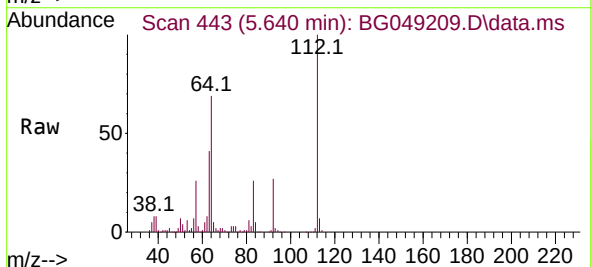
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

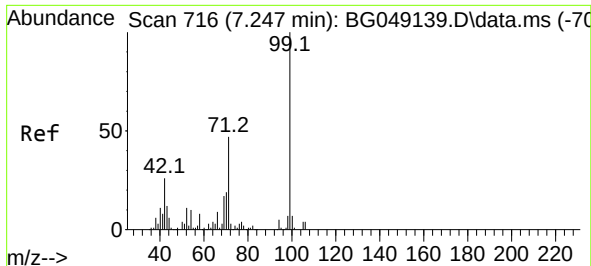
Tgt Ion:152 Resp: 39142
Ion Ratio Lower Upper
152 100
150 148.4 119.4 179.0
115 69.9 60.2 90.4



#5
2-Fluorophenol
Concen: 81.46 ng
RT: 5.640 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

Tgt Ion:112 Resp: 203565
Ion Ratio Lower Upper
112 100
64 68.6 46.7 70.1
63 41.5 35.3 52.9

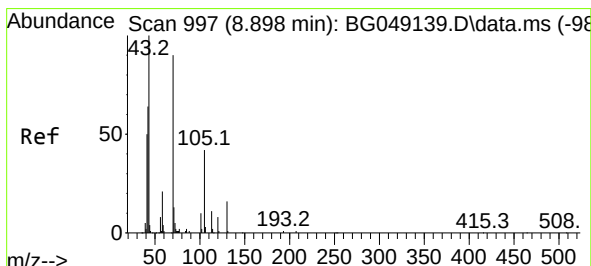
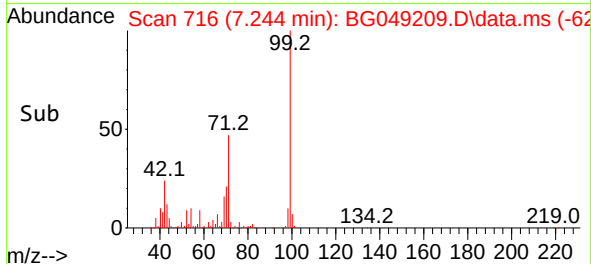
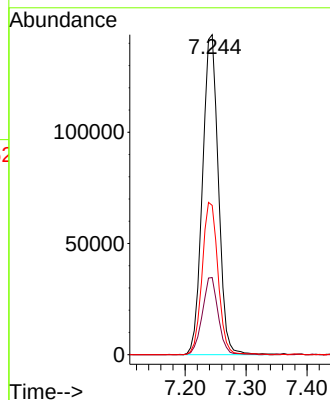
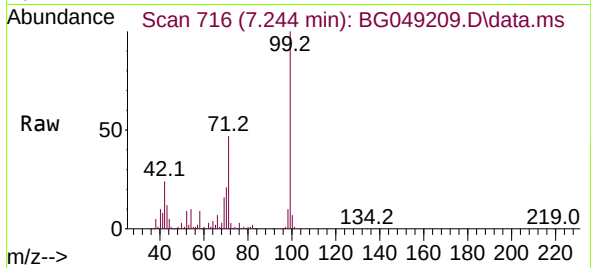




#7
Phenol-d6
Concen: 73.32 ng
RT: 7.244 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

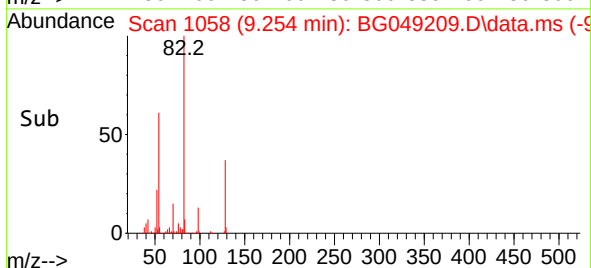
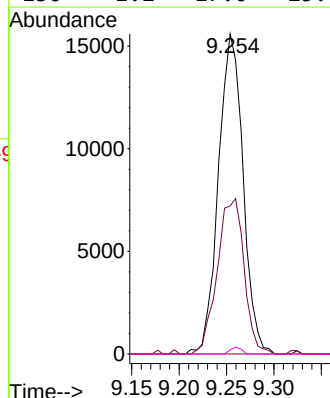
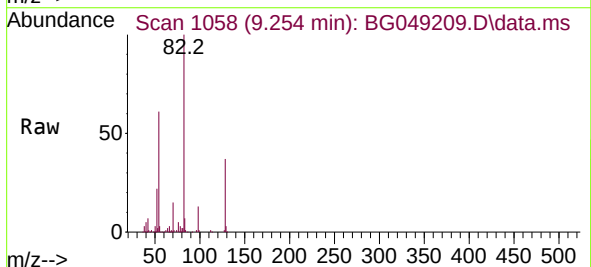
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

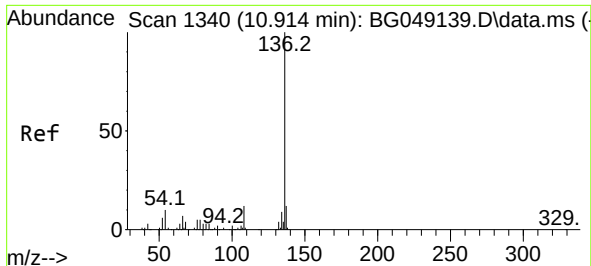
Tgt Ion: 99 Resp: 261230
Ion Ratio Lower Upper
99 100
42 24.1 20.5 30.7
71 46.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.00 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.358 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

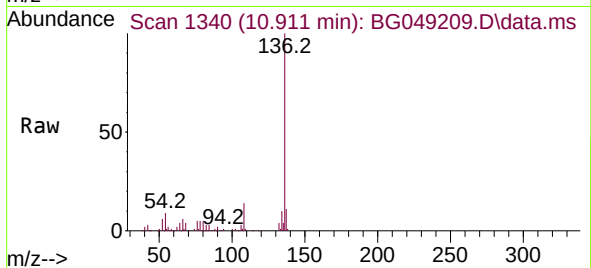
Tgt Ion: 70 Resp: 28159
Ion Ratio Lower Upper
70 100
42 46.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#



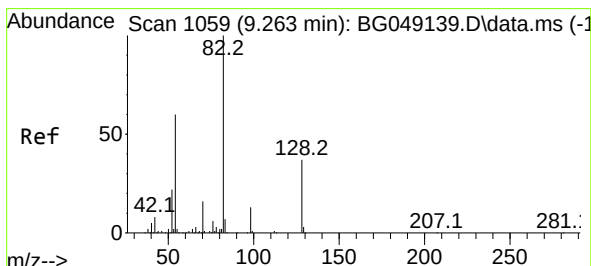
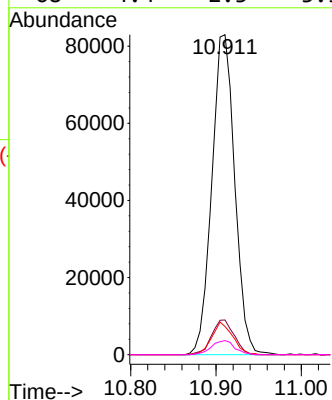
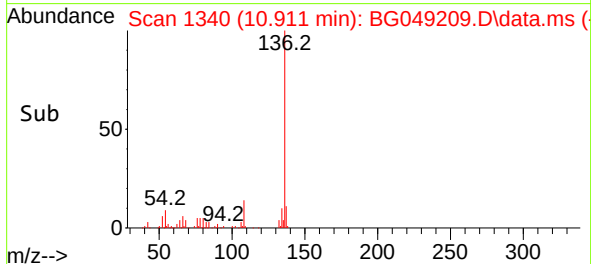


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

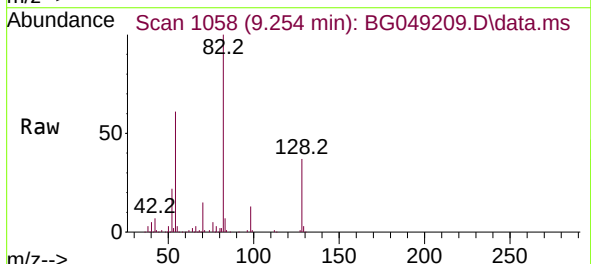
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6



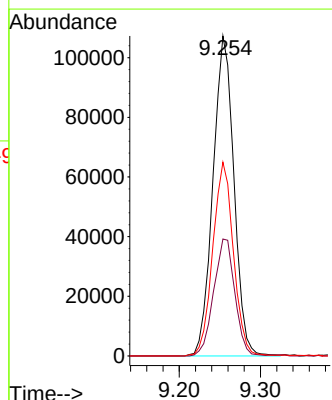
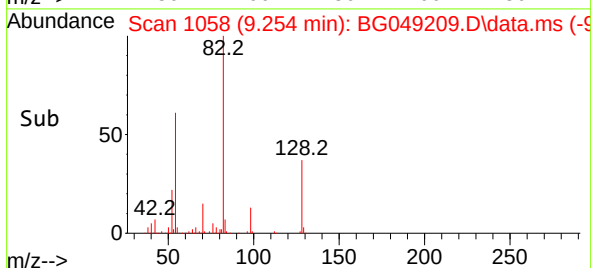
Tgt Ion:136 Resp: 154714
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.8 5.5 8.3#
68 4.4 2.3 3.5#

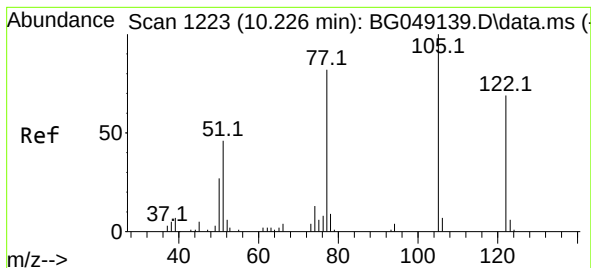


#23
Nitrobenzene-d5
Concen: 52.74 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33



Tgt Ion: 82 Resp: 192466
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 60.5 45.8 68.8

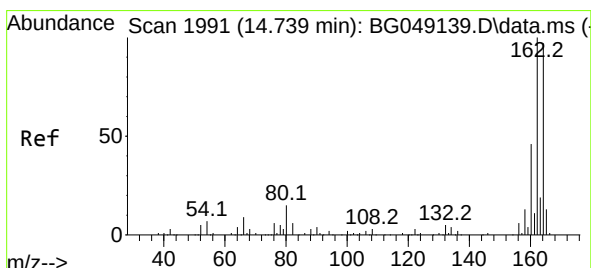
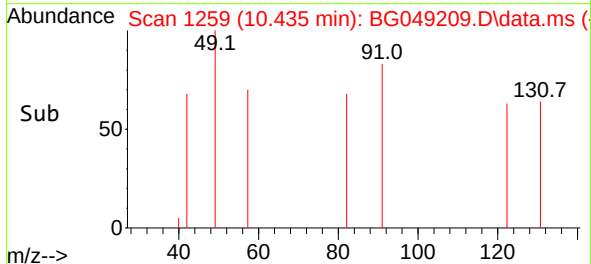
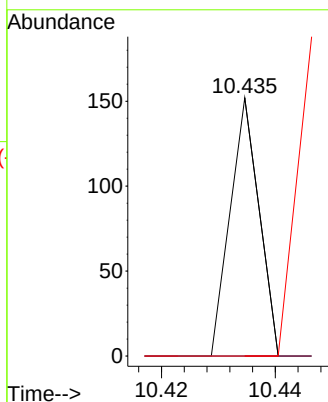
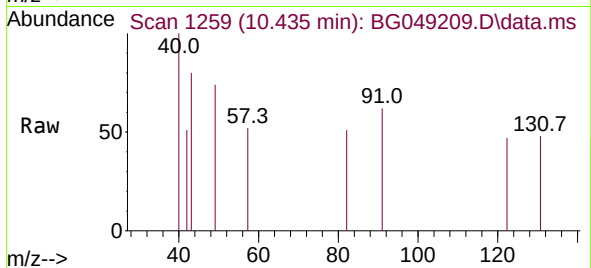




#32
Benzoic acid
Concen: 6.30 ng
RT: 10.435 min Scan# 1259
Delta R.T. 0.211 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

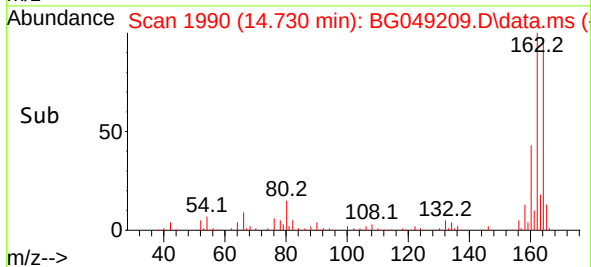
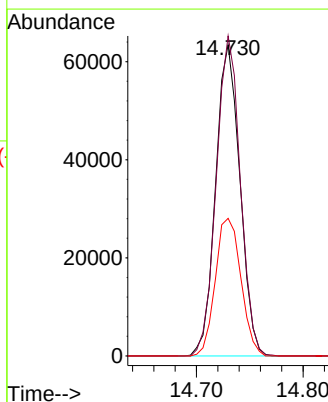
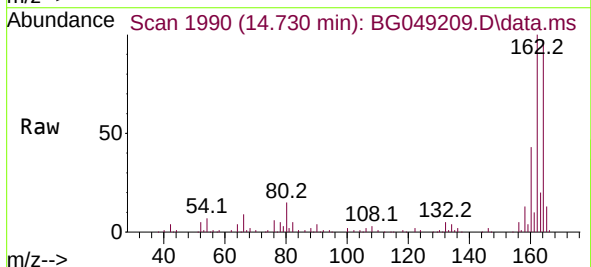
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

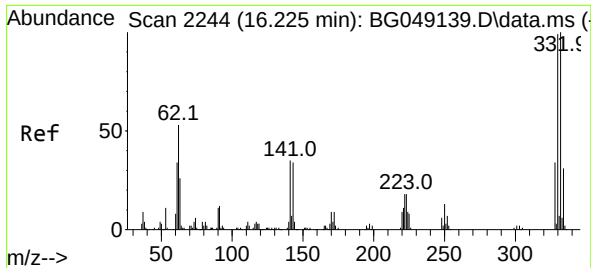
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

Tgt Ion:164 Resp: 100181
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.2 34.9 52.3

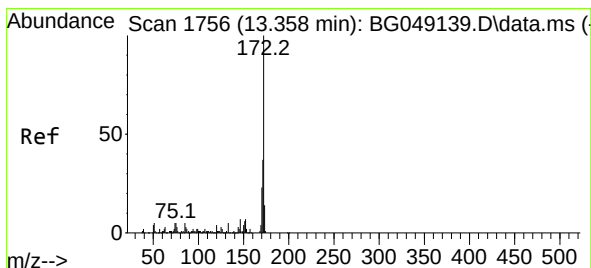
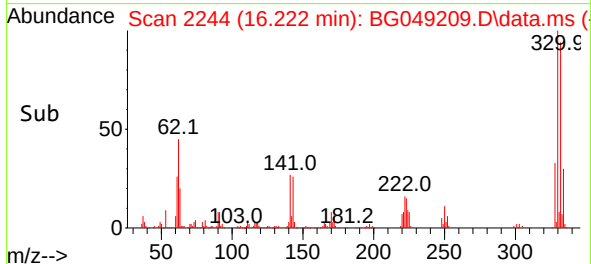
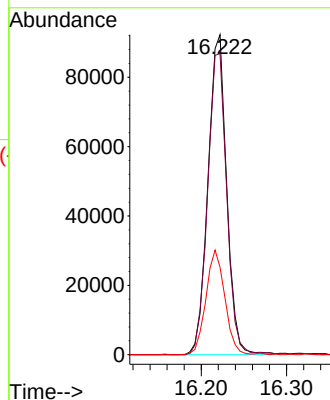
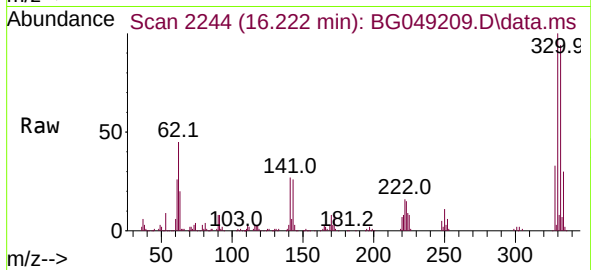




#42
2,4,6-Tribromophenol
Concen: 80.84 ng
RT: 16.222 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

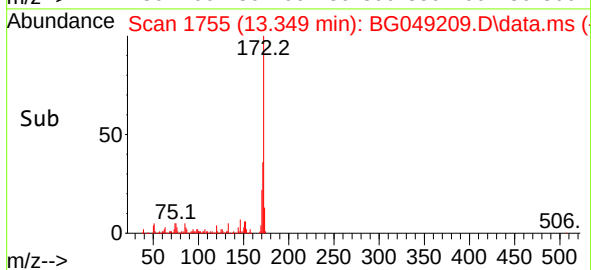
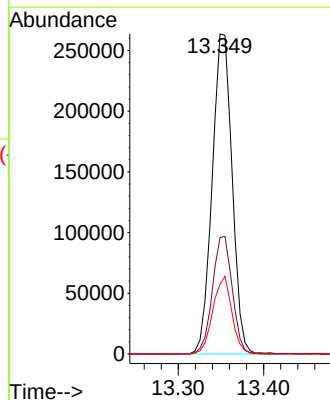
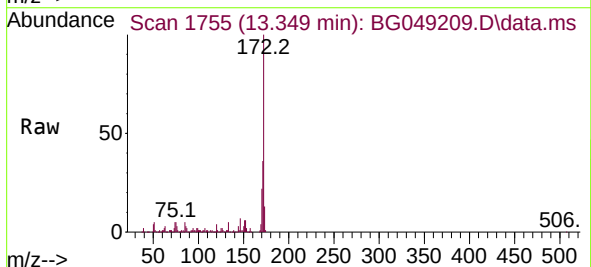
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

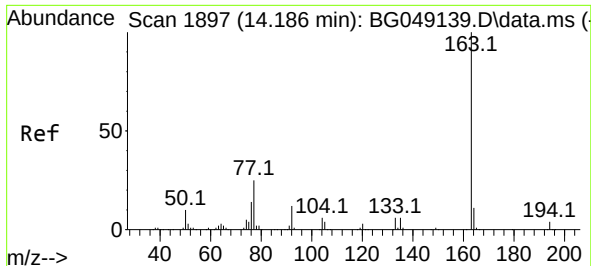
Tgt Ion:330 Resp: 140391
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 57.73 ng
RT: 13.349 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

Tgt Ion:172 Resp: 428705
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 21.7 18.6 27.8

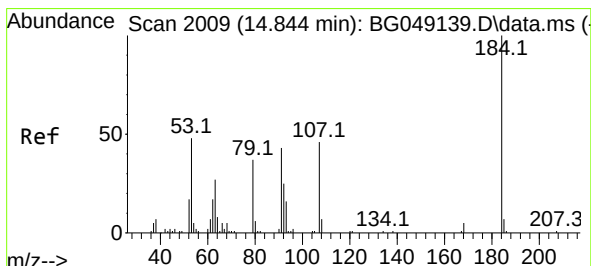
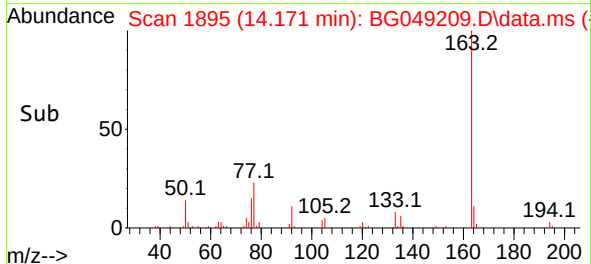
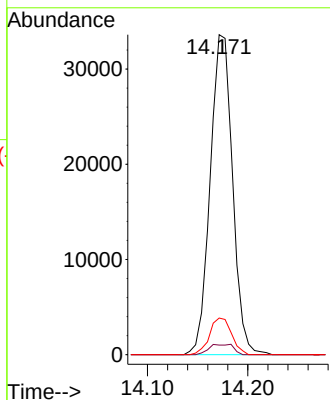
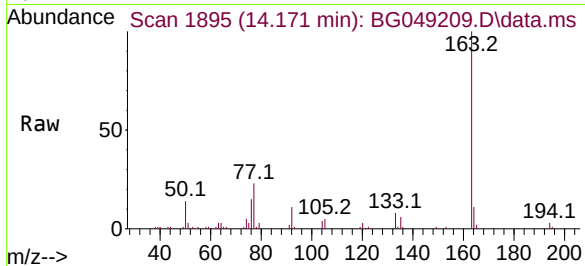




#50
Dimethylphthalate
Concen: 6.47 ng
RT: 14.171 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

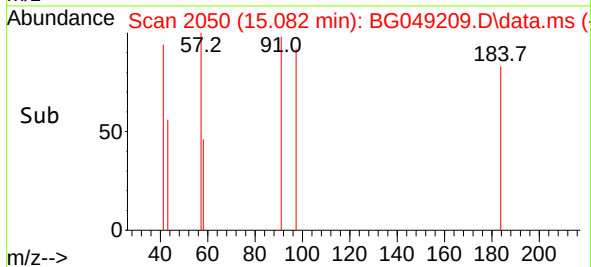
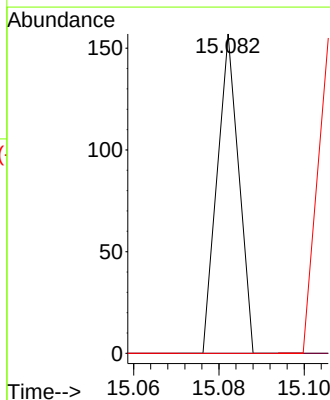
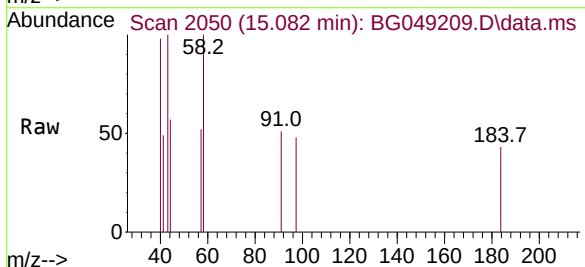
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

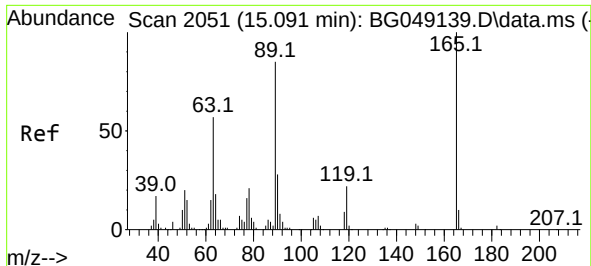
Tgt Ion:163 Resp: 52023
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.6#
164 11.5 8.6 12.8



#54
2,4-Dinitrophenol
Concen: 5.21 ng
RT: 15.082 min Scan# 2050
Delta R.T. 0.247 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

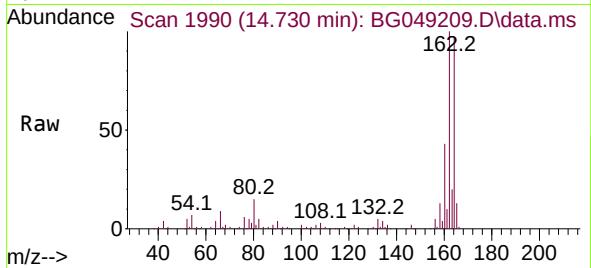
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



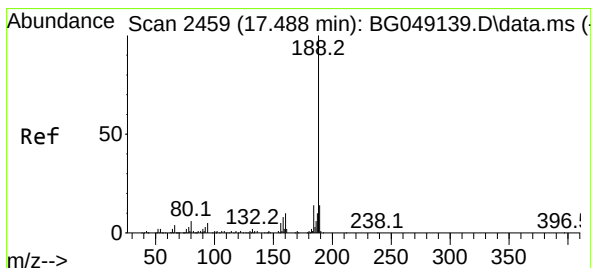
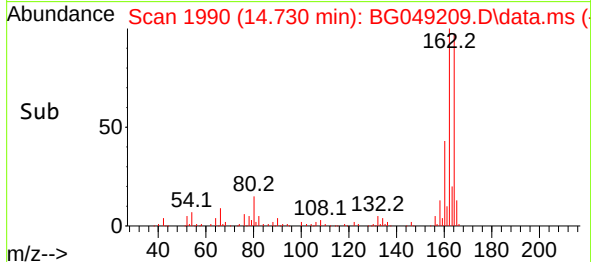
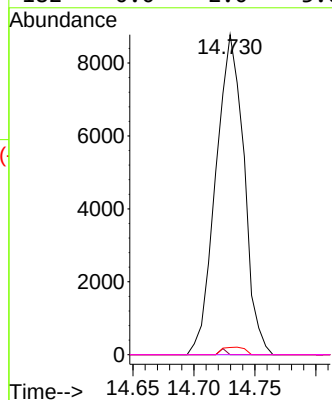


#57
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.353 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

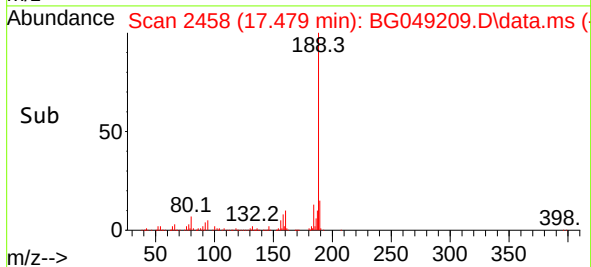
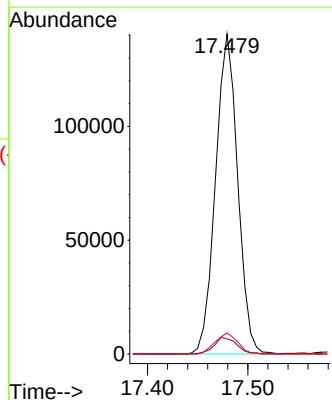
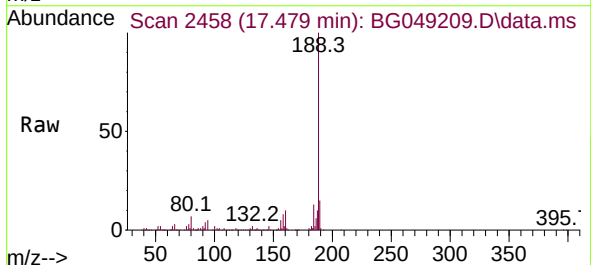


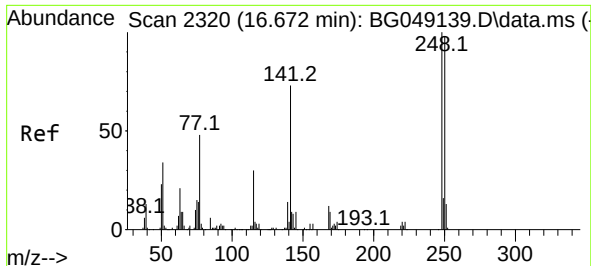
Tgt Ion:165 Resp: 14118
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.3 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

Tgt Ion:188 Resp: 215061
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.6 3.7 5.5#

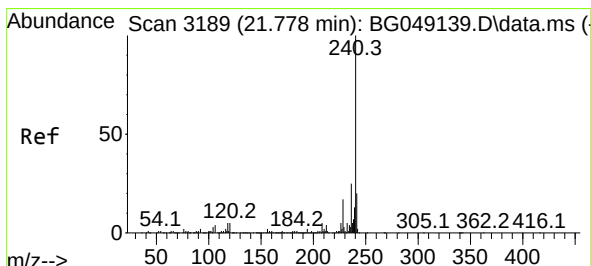
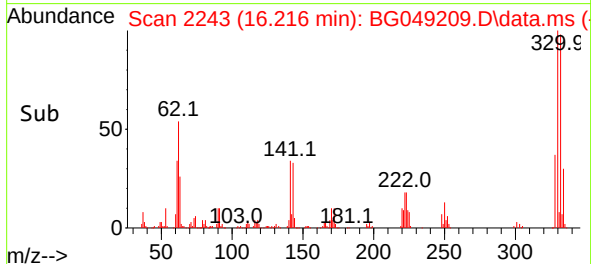
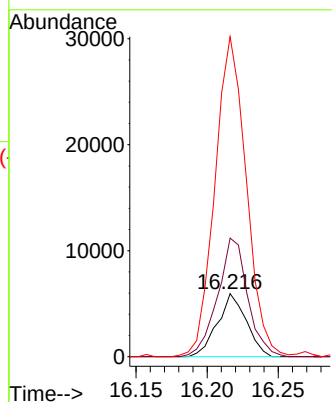
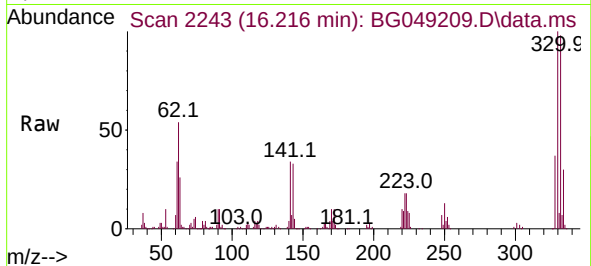




#67
4-Bromophenyl-phenylether
Concen: 2.90 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.447 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

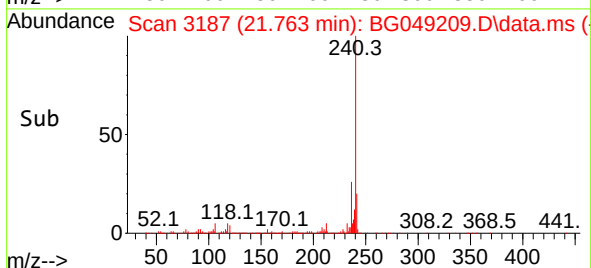
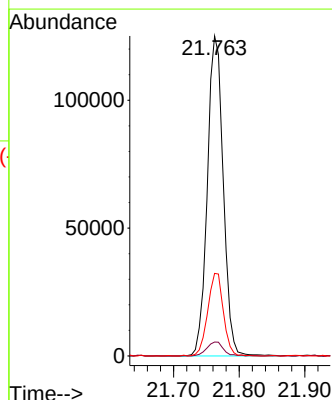
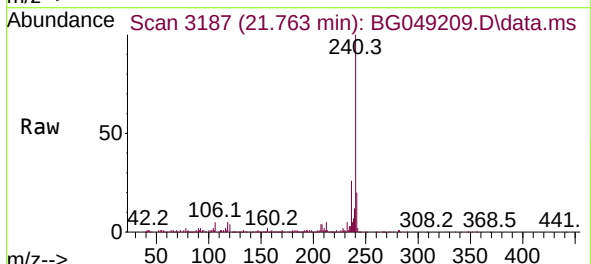
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

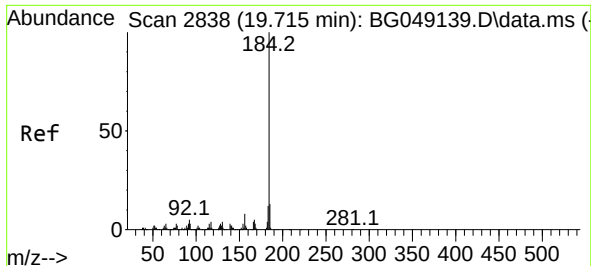
Tgt Ion:248 Resp: 8409
Ion Ratio Lower Upper
248 100
250 188.3 76.1 114.1#
141 508.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

Tgt Ion:240 Resp: 211260
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 25.8 21.8 32.6

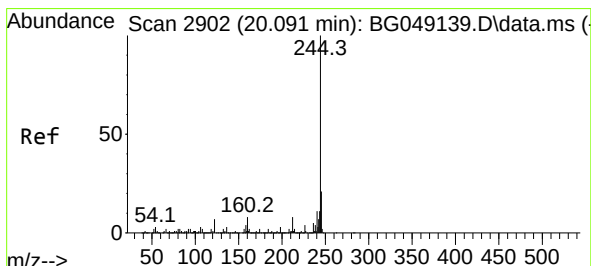
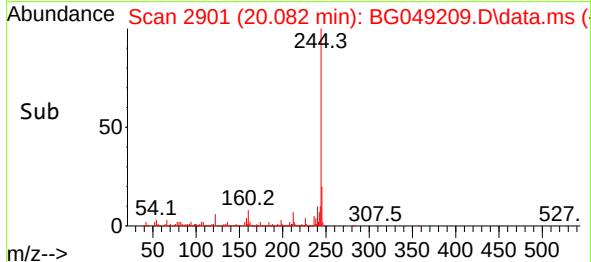
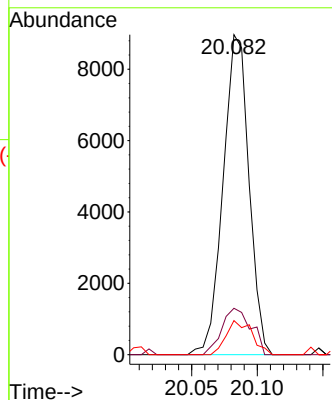
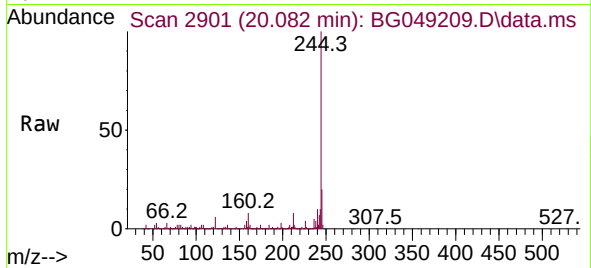




#77
Benzidine
Concen: 2.70 ng
RT: 20.082 min Scan# 2901
Delta R.T. 0.376 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

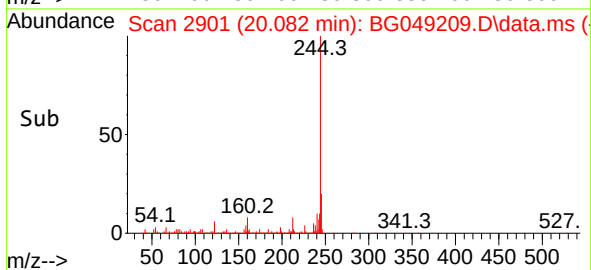
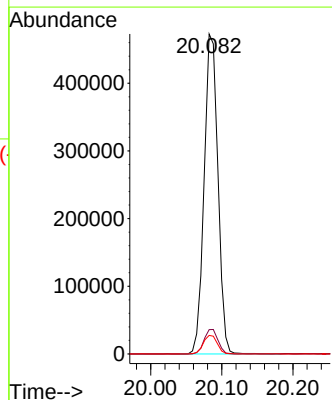
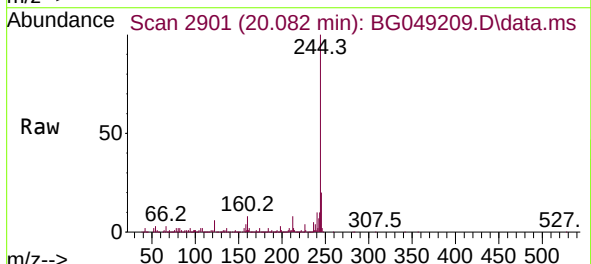
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-6

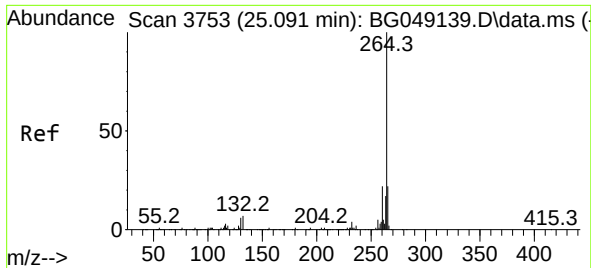
Tgt Ion:184	Resp:	12271
Ion Ratio	Lower	Upper
184	100	
185	14.5	10.7 16.1
183	10.7	9.4 14.0



#79
Terphenyl-d14
Concen: 51.30 ng
RT: 20.082 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BG049209.D
Acq: 7 Jul 2021 21:33

Tgt Ion:244	Resp:	639629
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.9 10.3
122	5.8	5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.070 min Scan# 3750
 Delta R.T. 0.006 min
 Lab File: BG049209.D
 Acq: 7 Jul 2021 21:33

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-6

Tgt Ion:264 Resp: 221235
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.4 29.2
 265 22.7 16.9 25.3

