

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049204.D
 Acq On : 7 Jul 2021 18:06
 Operator : CG/JU
 Sample : M2947-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-1

Quant Time: Jul 07 18:57:52 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)

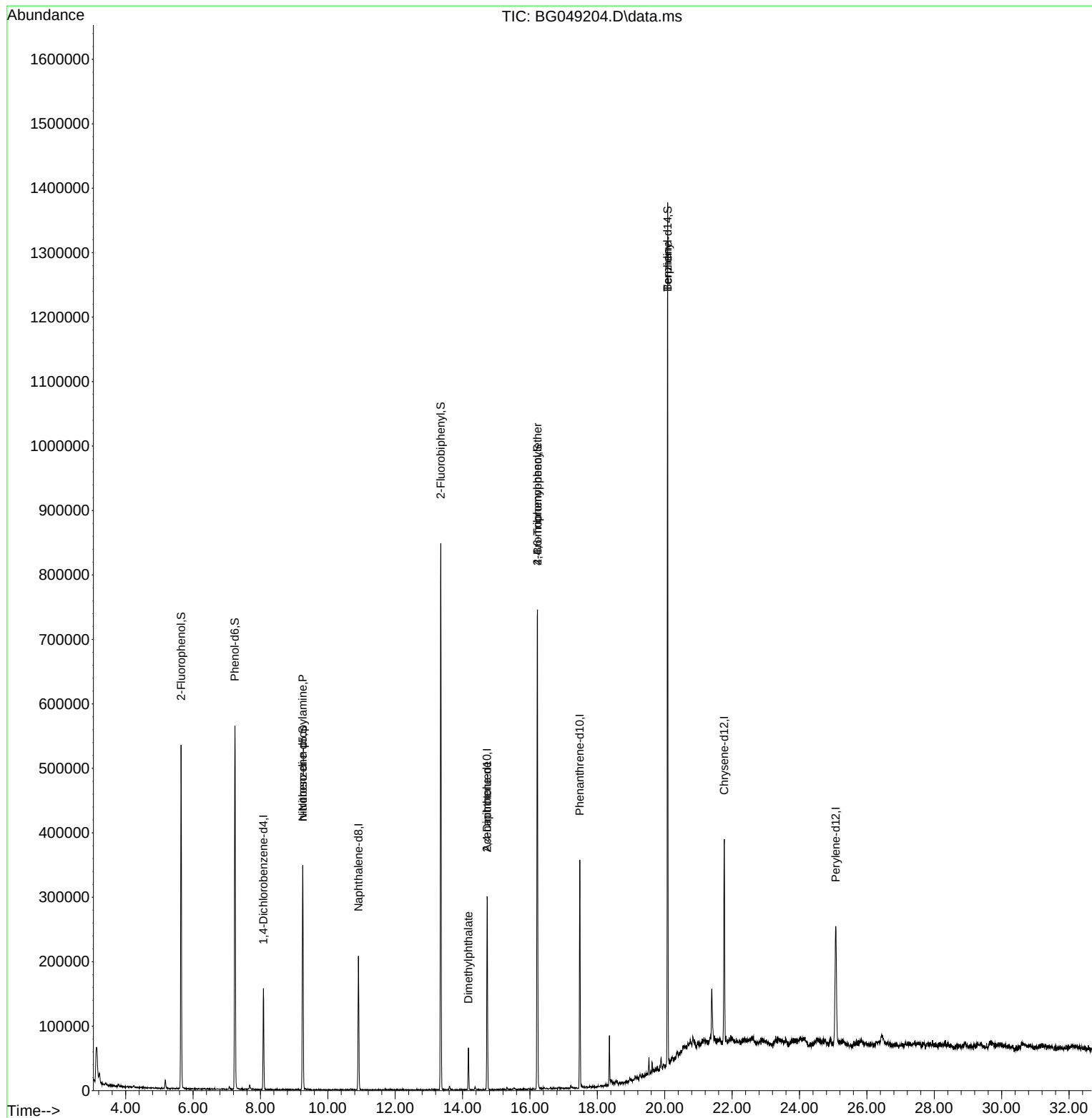
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	41534	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	165424	20.000	ng	# 0.00
39) Acenaphthene-d10	14.729	164	110776	20.000	ng	0.00
64) Phenanthrene-d10	17.479	188	223554	20.000	ng	# 0.00
76) Chrysene-d12	21.768	240	206535	20.000	ng	0.00
86) Perylene-d12	25.076	264	219036	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	224192	84.544	ng	0.01
7) Phenol-d6	7.244	99	295180	78.076	ng	0.00
23) Nitrobenzene-d5	9.253	82	216309	55.439	ng	0.00
42) 2,4,6-Tribromophenol	16.221	330	156690	81.595	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	446287	54.354	ng	0.00
79) Terphenyl-d14	20.087	244	629308	51.632	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.253	70	32704	12.037	ng	# 73
50) Dimethylphthalate	14.171	163	42386	4.768	ng	98
57) 2,4-Dinitrotoluene	14.729	165	14331	4.950	ng	# 17
67) 4-Bromophenyl-phenylether	16.221	248	9085	3.012	ng	# 1
77) Benzidine	20.087	184	12728	2.869	ng	98

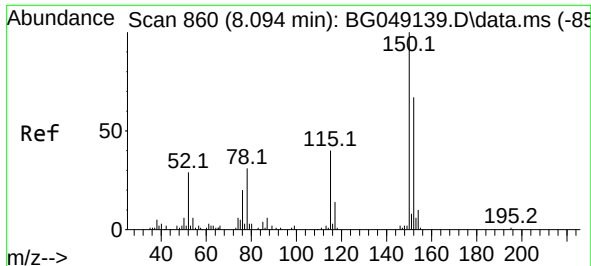
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049204.D
Acq On : 7 Jul 2021 18:06
Operator : CG/JU
Sample : M2947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1

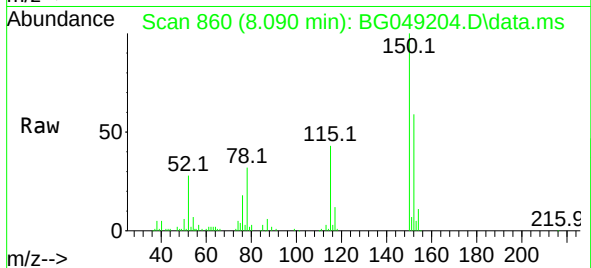
Quant Time: Jul 07 18:57:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration



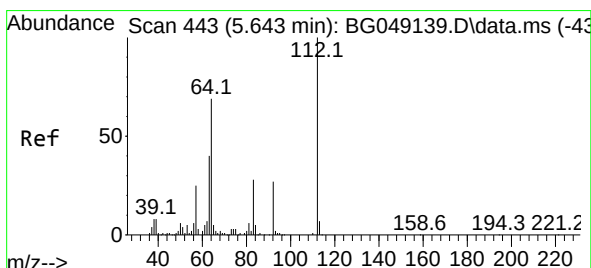
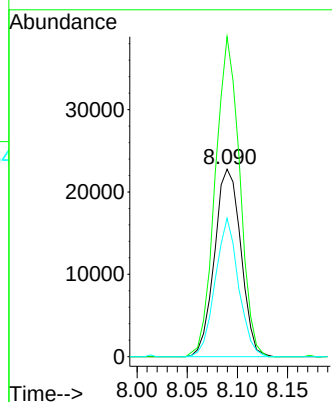
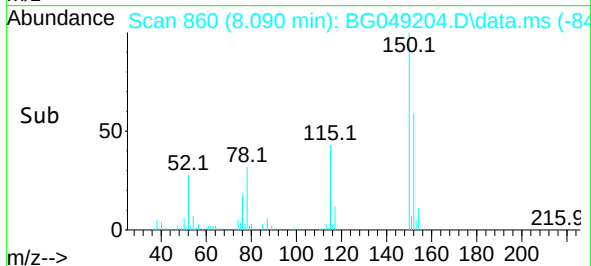


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

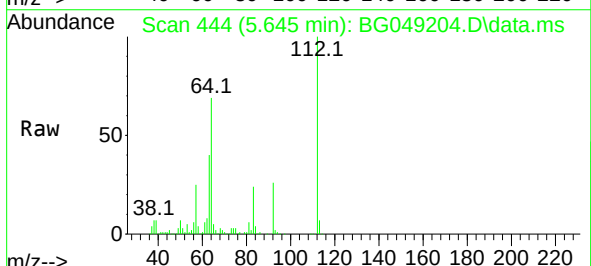
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1



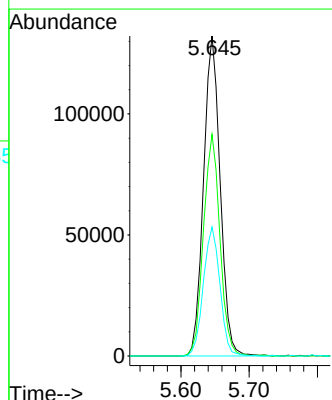
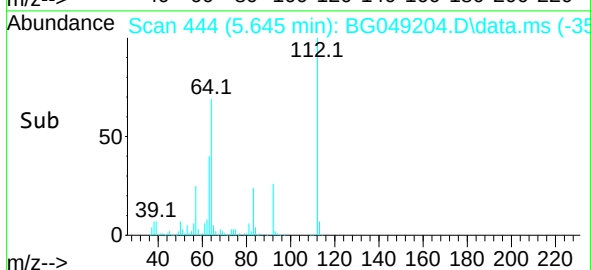
Tgt Ion:152 Resp: 41534
Ion Ratio Lower Upper
152 100
150 170.6 119.4 179.0
115 73.8 60.2 90.4

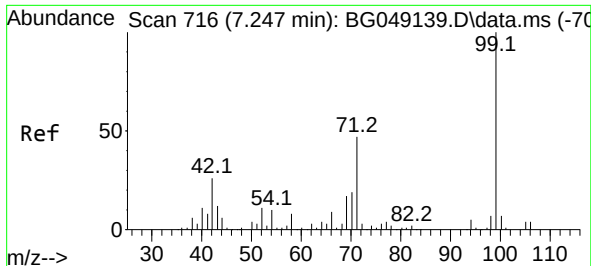


#5
2-Fluorophenol
Concen: 84.544 ng
RT: 5.645 min Scan# 444
Delta R.T. 0.011 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06



Tgt Ion:112 Resp: 224192
Ion Ratio Lower Upper
112 100
64 69.3 46.7 70.1
63 40.3 35.3 52.9

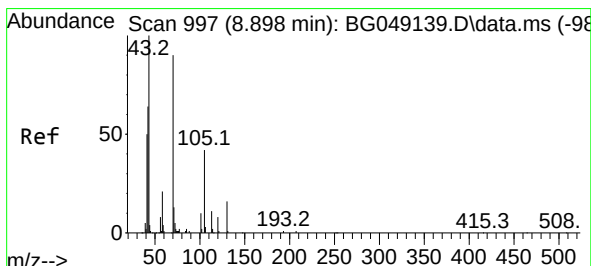
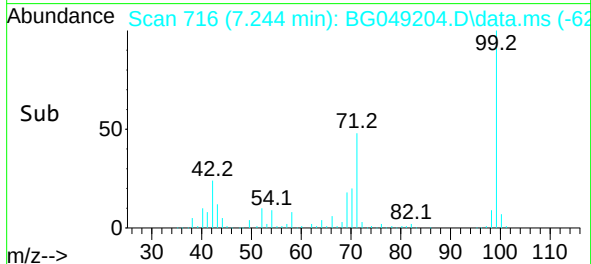
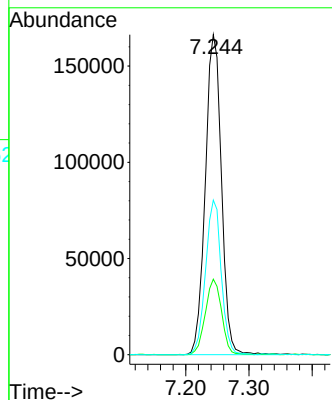
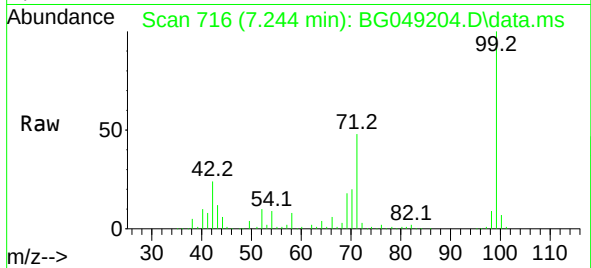




#7
Phenol-d6
Concen: 78.076 ng
RT: 7.244 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

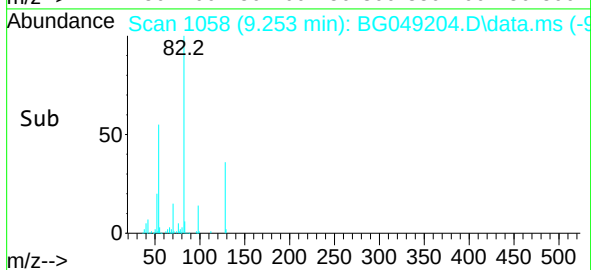
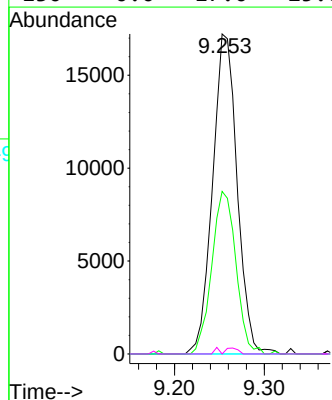
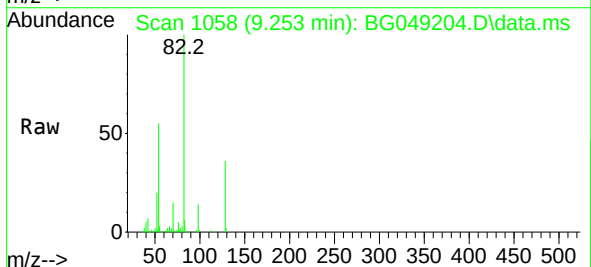
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1

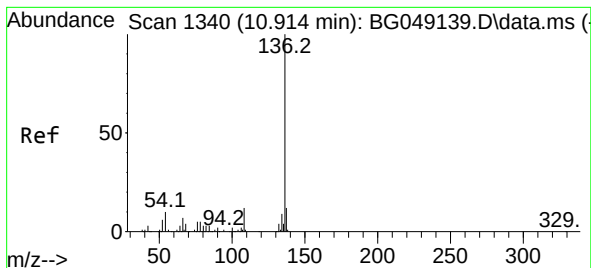
Tgt Ion: 99 Resp: 295180
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 48.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.037 ng
RT: 9.253 min Scan# 1058
Delta R.T. 0.358 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

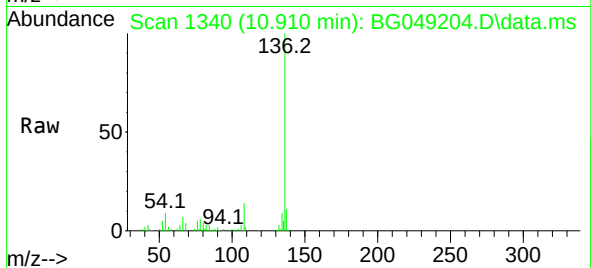
Tgt Ion: 70 Resp: 32704
Ion Ratio Lower Upper
70 100
42 50.8 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



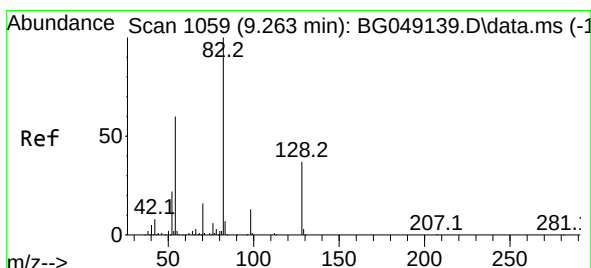
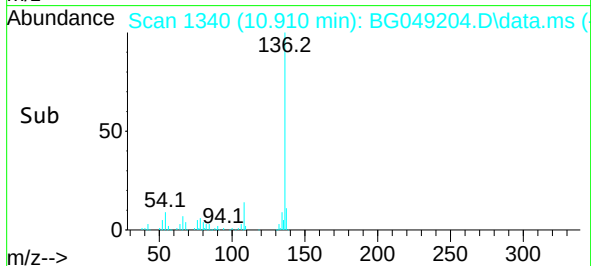
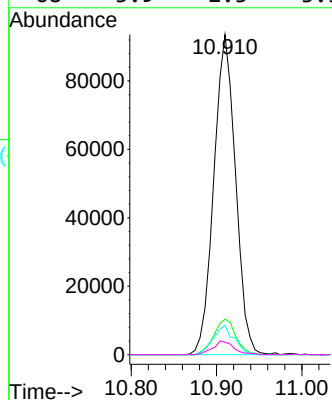


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1340
Delta R.T. 0.005 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

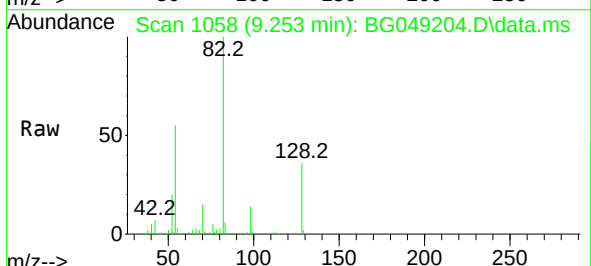
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1



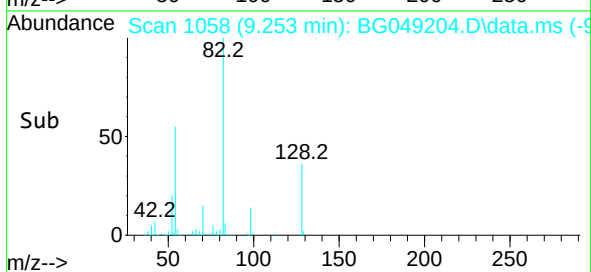
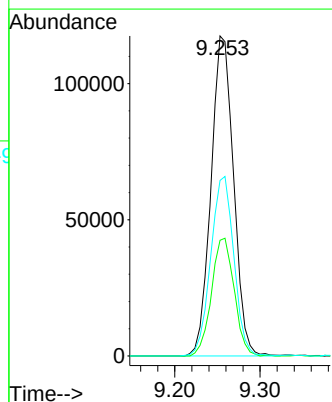
Tgt Ion:	136	Resp:	165424
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.2
54	9.3	5.5	8.3#
68	3.9	2.3	3.5#

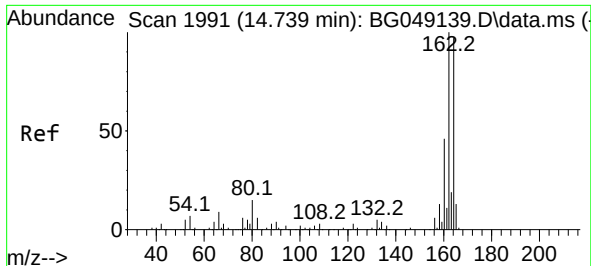


#23
Nitrobenzene-d5
Concen: 55.439 ng
RT: 9.253 min Scan# 1058
Delta R.T. -0.001 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06



Tgt Ion:	82	Resp:	216309
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.6
54	54.9	45.8	68.8

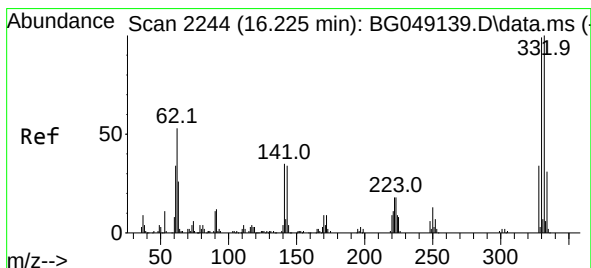
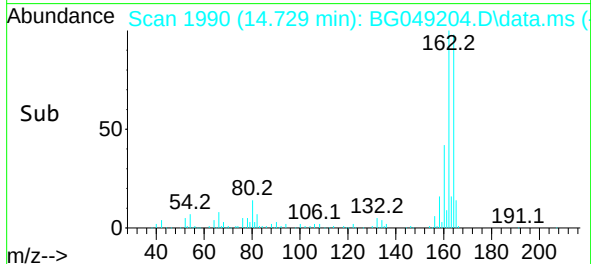
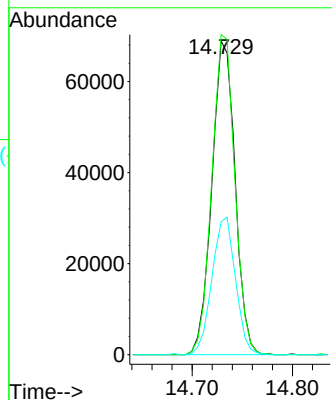
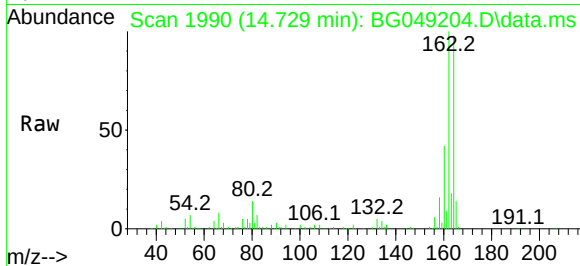




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.729 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

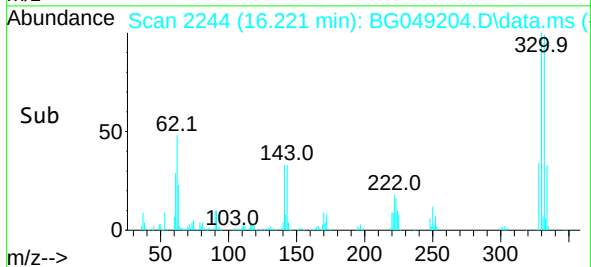
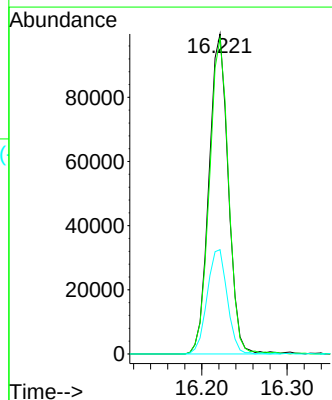
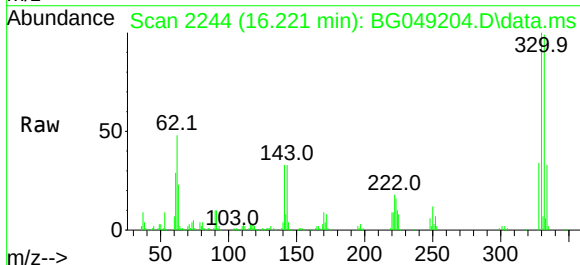
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1

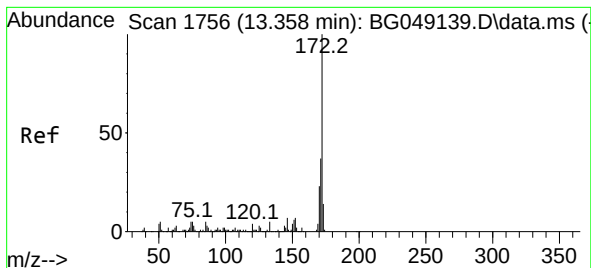
Tgt Ion:164 Resp: 110776
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 42.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 81.595 ng
RT: 16.221 min Scan# 2244
Delta R.T. 0.005 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

Tgt Ion:330 Resp: 156690
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 33.8 35.6 53.4#

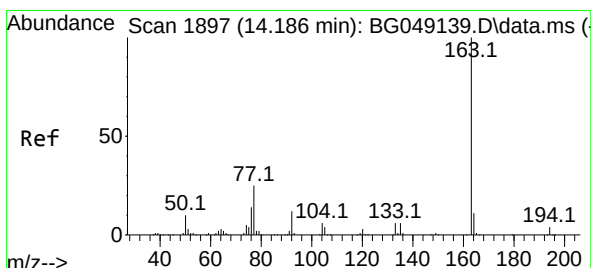
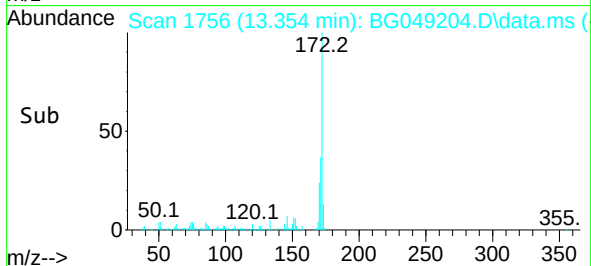
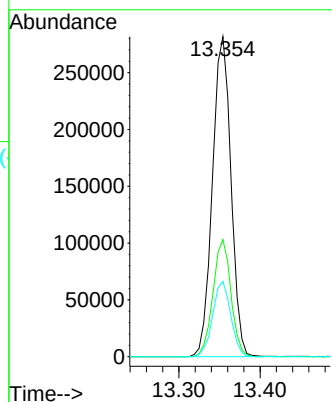
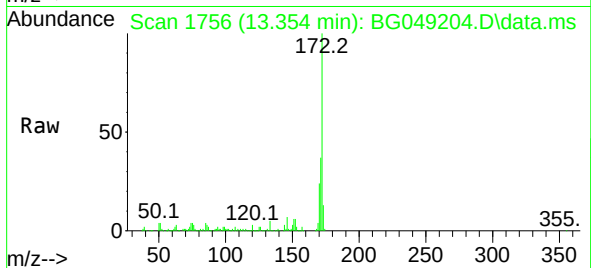




#45
2-Fluorobiphenyl
Concen: 54.354 ng
RT: 13.354 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

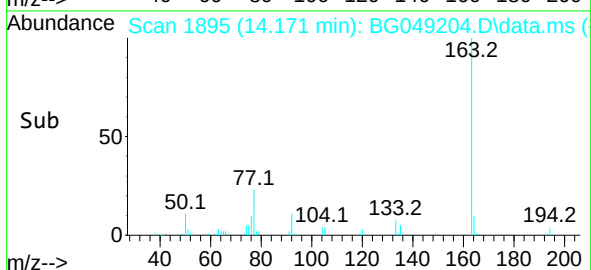
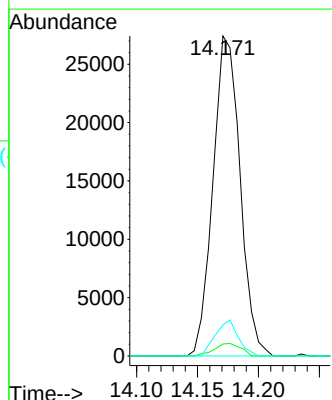
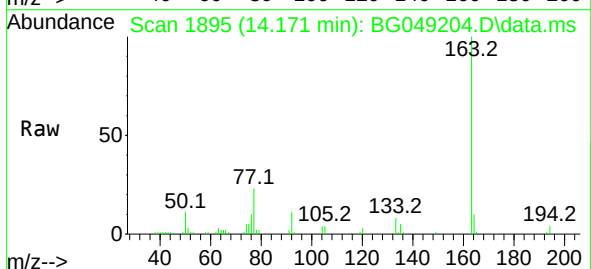
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1

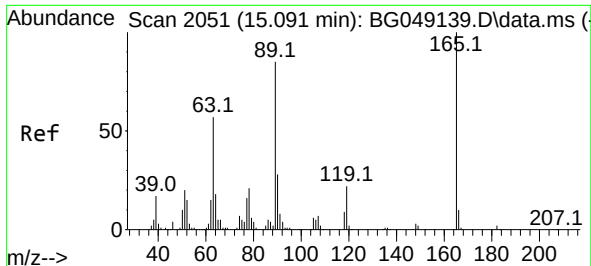
Tgt Ion:172 Resp: 446287
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 23.6 18.6 27.8



#50
Dimethylphthalate
Concen: 4.768 ng
RT: 14.171 min Scan# 1895
Delta R.T. -0.007 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

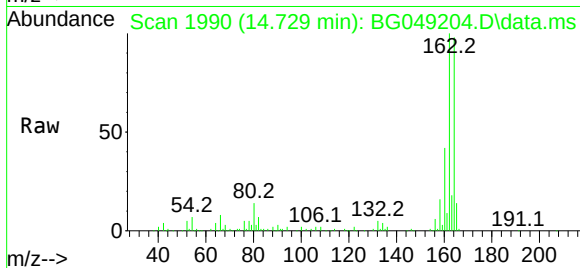
Tgt Ion:163 Resp: 42386
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.7 8.6 12.8



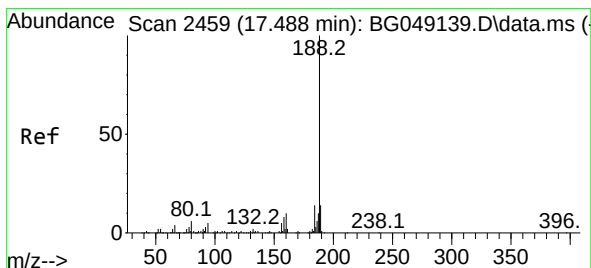
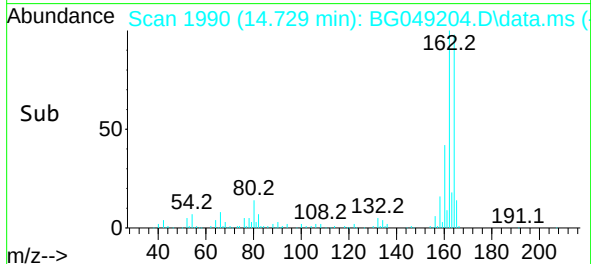
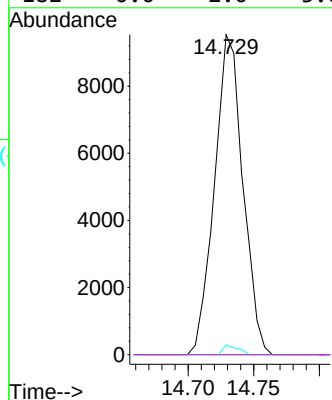


#57
2,4-Dinitrotoluene
Concen: 4.950 ng
RT: 14.729 min Scan# 1990
Delta R.T. -0.353 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1

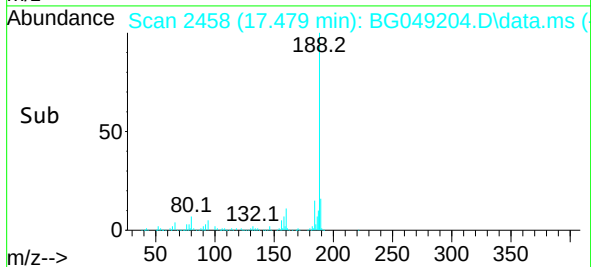
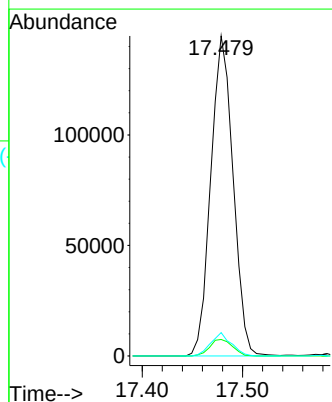
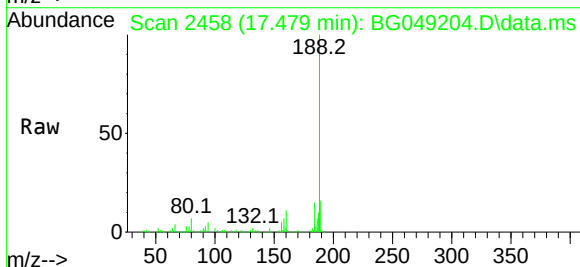


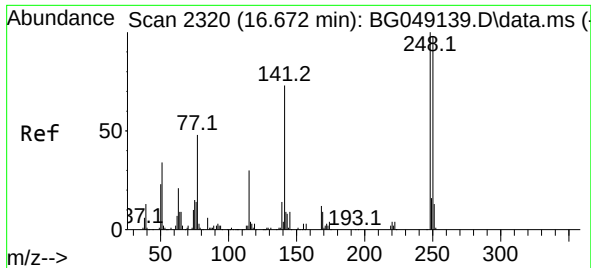
Tgt Ion:165 Resp: 14331
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.9 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

Tgt Ion:188 Resp: 223554
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.3 3.7 5.5#

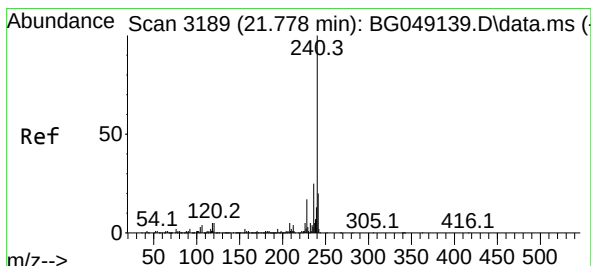
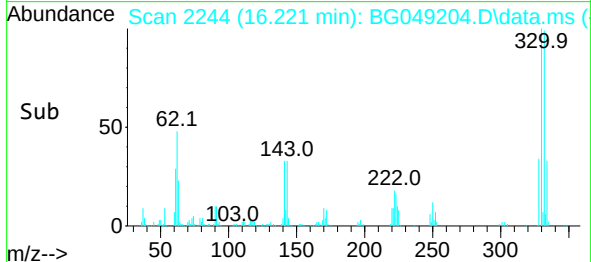
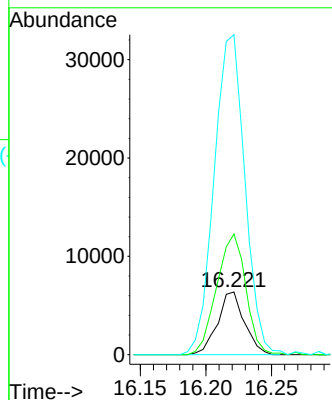
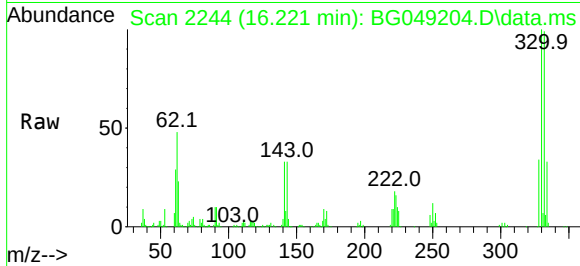




#67
4-Bromophenyl-phenylether
Concen: 3.012 ng
RT: 16.221 min Scan# 2244
Delta R.T. -0.442 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

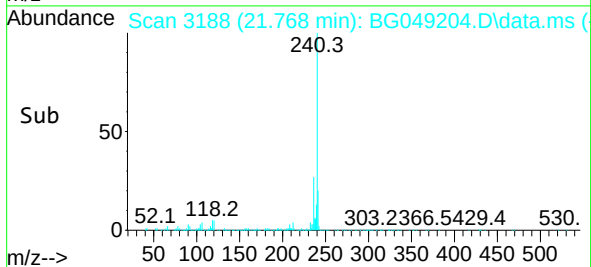
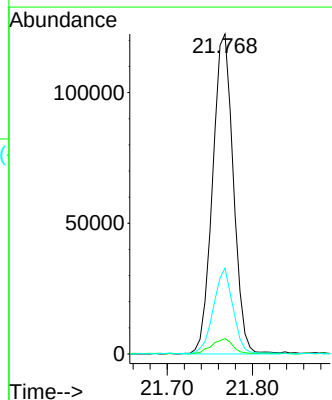
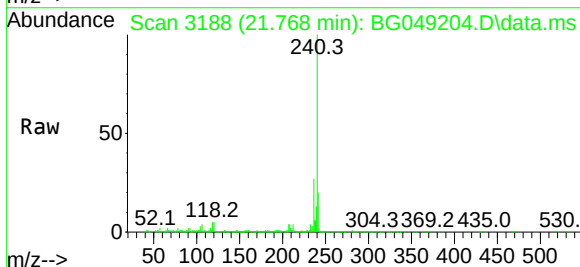
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1

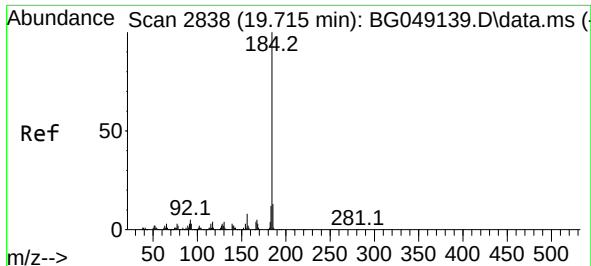
Tgt Ion:248 Resp: 9085
Ion Ratio Lower Upper
248 100
250 192.3 76.1 114.1#
141 510.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3188
Delta R.T. 0.005 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

Tgt Ion:240 Resp: 206535
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 26.8 21.8 32.6

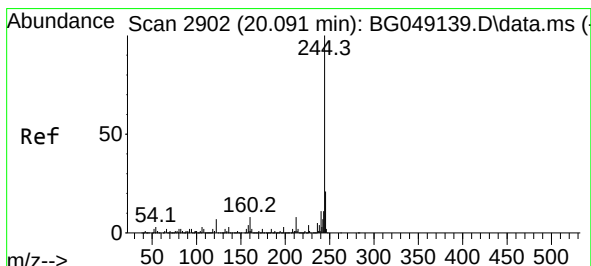
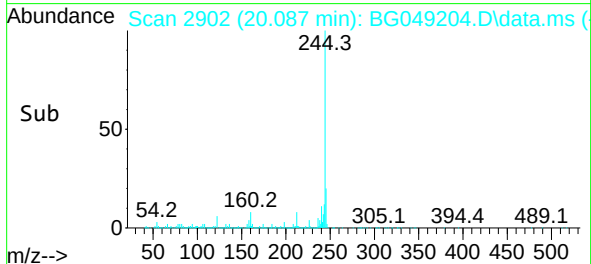
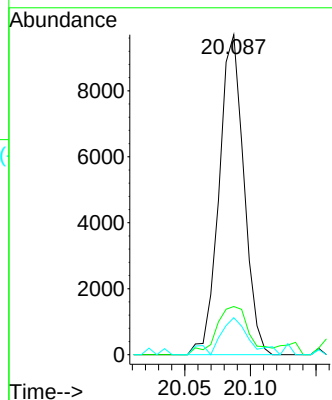
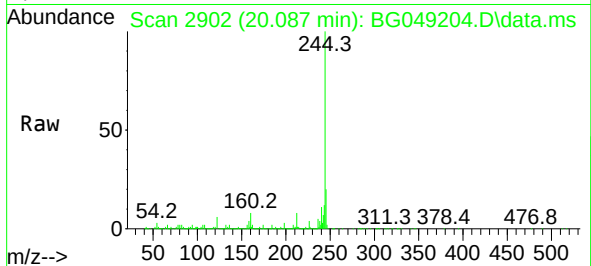




#77
Benzidine
Concen: 2.869 ng
RT: 20.087 min Scan# 2902
Delta R.T. 0.381 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

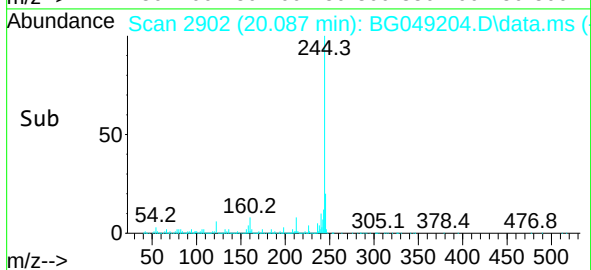
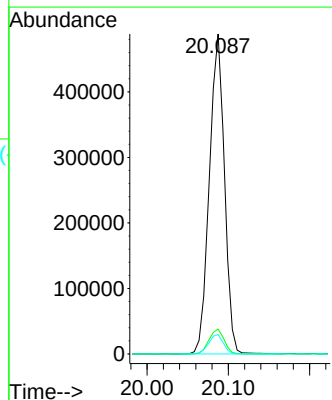
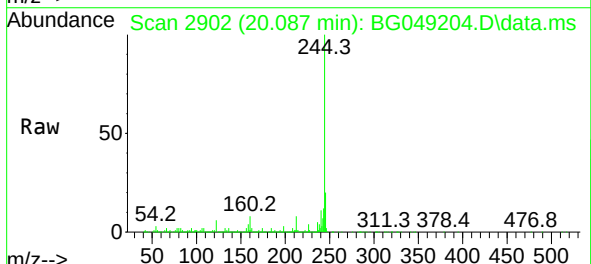
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-1

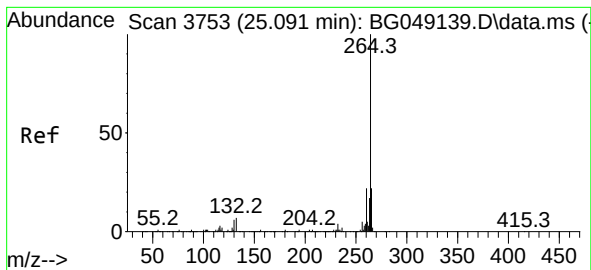
Tgt Ion:184 Resp: 12728
Ion Ratio Lower Upper
184 100
185 15.0 10.7 16.1
183 11.6 9.4 14.0



#79
Terphenyl-d14
Concen: 51.632 ng
RT: 20.087 min Scan# 2902
Delta R.T. 0.005 min
Lab File: BG049204.D
Acq: 7 Jul 2021 18:06

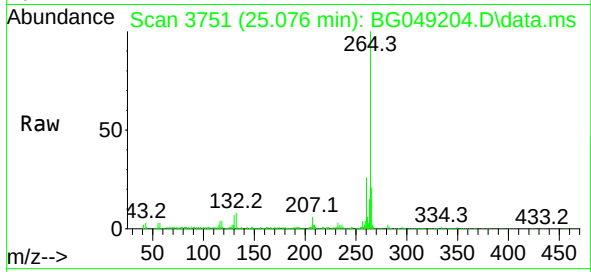
Tgt Ion:244 Resp: 629308
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.076 min Scan# 3751
 Delta R.T. 0.011 min
 Lab File: BG049204.D
 Acq: 7 Jul 2021 18:06

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-1



Tgt Ion:264 Resp: 219036
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.4 29.2
 265 21.2 16.9 25.3

