

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049208.D
 Acq On : 7 Jul 2021 20:51
 Operator : CG/JU
 Sample : M2947-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-5

Quant Time: Jul 08 02:21:57 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)

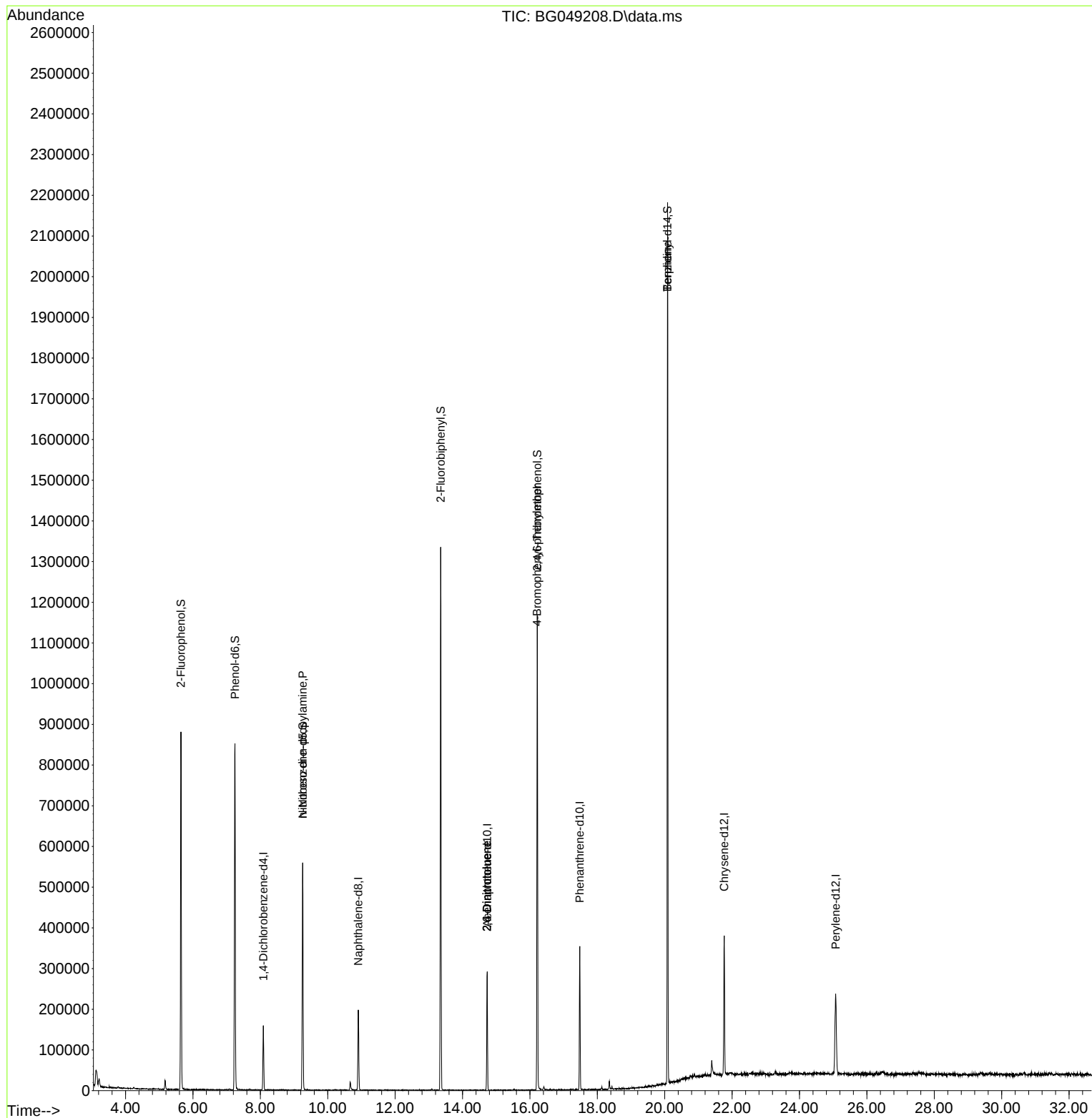
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	42528	20.00	ng	0.00
21) Naphthalene-d8	10.908	136	166187	20.00	ng	# 0.00
39) Acenaphthene-d10	14.733	164	110258	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	229627	20.00	ng	# 0.00
76) Chrysene-d12	21.766	240	217888	20.00	ng	0.00
86) Perylene-d12	25.074	264	228234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	345483	127.24	ng	0.00
7) Phenol-d6	7.247	99	455104	117.56	ng	0.00
23) Nitrobenzene-d5	9.257	82	333200	85.01	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	239297	125.20	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	706191	86.41	ng	0.00
79) Terphenyl-d14	20.085	244	1015570	78.98	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.257	70	49124	17.66	ng	# 73
51) 2,6-Dinitrotoluene	14.727	165	15029	7.41	ng	# 10
57) 2,4-Dinitrotoluene	14.727	165	15029	5.22	ng	# 15
67) 4-Bromophenyl-phenylether	16.213	248	14221	4.59	ng	# 1
77) Benzidine	20.085	184	19103	4.08	ng	# 91

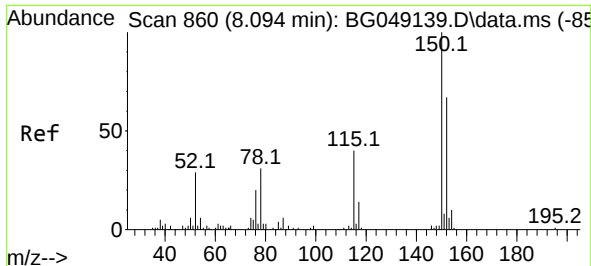
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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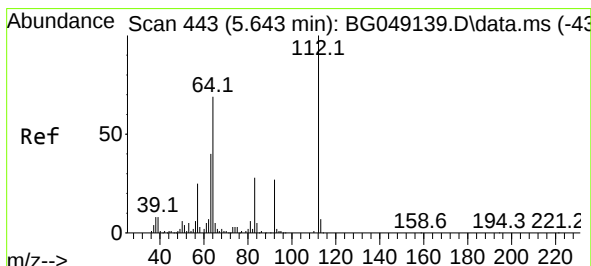
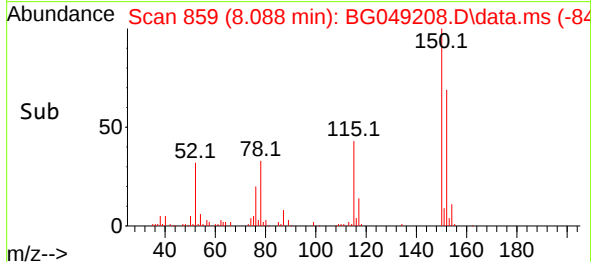
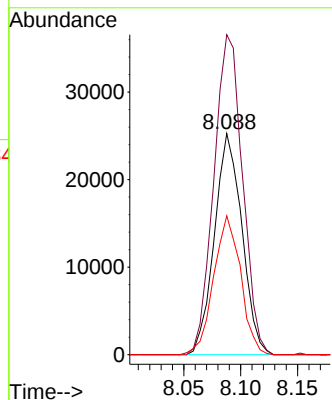
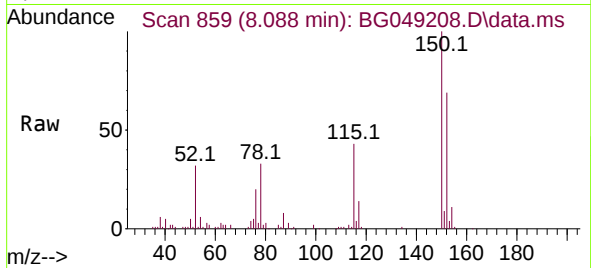




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 859
Delta R.T. -0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

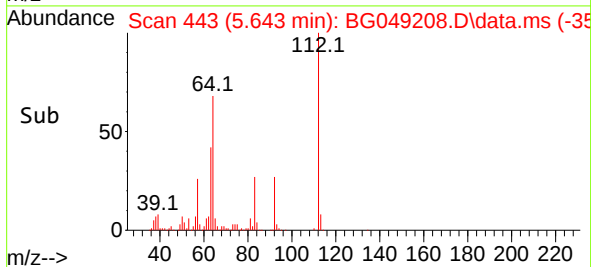
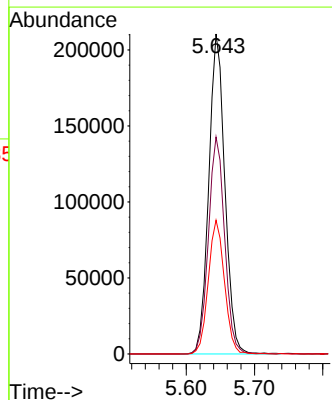
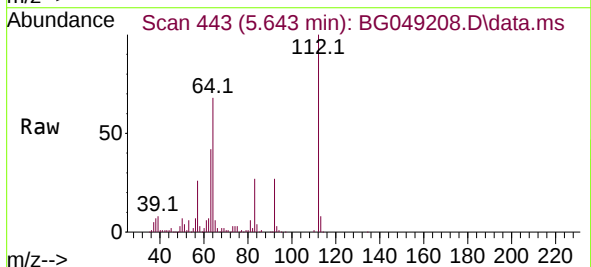
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

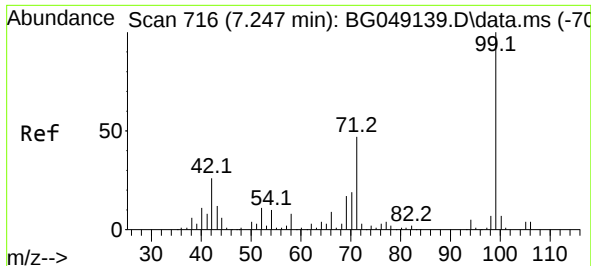
Tgt Ion:152 Resp: 42528
Ion Ratio Lower Upper
152 100
150 144.7 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 127.24 ng
RT: 5.643 min Scan# 443
Delta R.T. 0.009 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:112 Resp: 345483
Ion Ratio Lower Upper
112 100
64 67.8 46.7 70.1
63 41.8 35.3 52.9

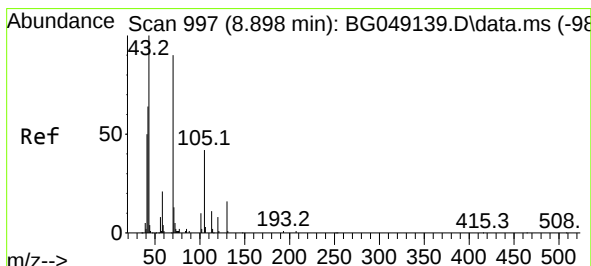
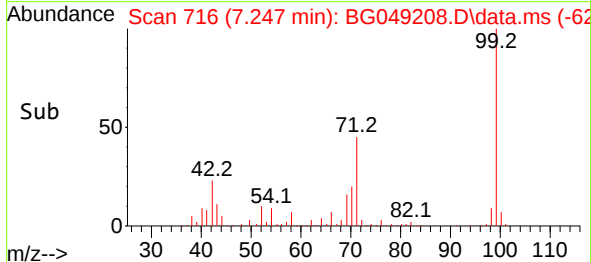
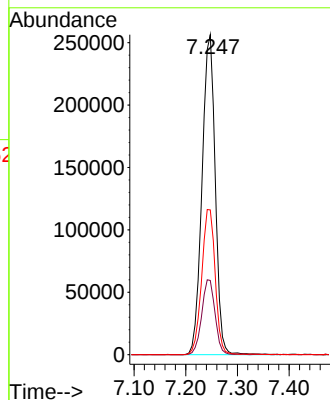
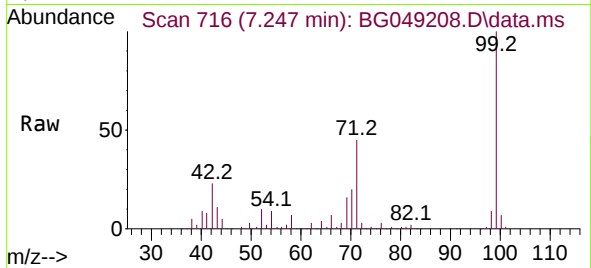




#7
Phenol-d6
Concen: 117.56 ng
RT: 7.247 min Scan# 716
Delta R.T. 0.009 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

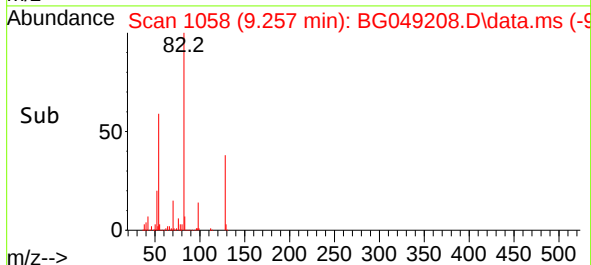
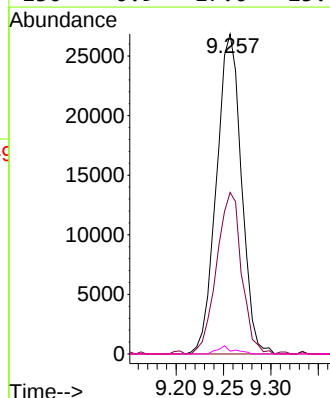
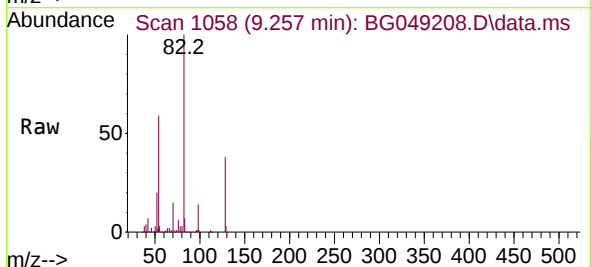
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

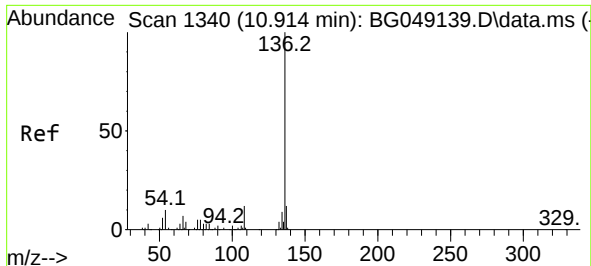
Tgt Ion: 99 Resp: 455104
Ion Ratio Lower Upper
99 100
42 23.2 20.5 30.7
71 45.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.66 ng
RT: 9.257 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

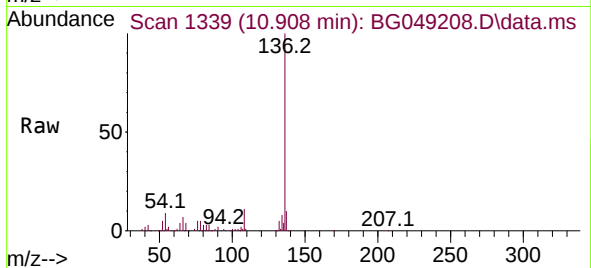
Tgt Ion: 70 Resp: 49124
Ion Ratio Lower Upper
70 100
42 50.5 54.5 81.7#
101 0.0 9.0 13.6#
130 0.9 17.0 25.6#



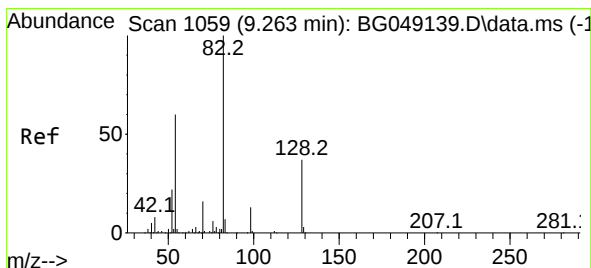
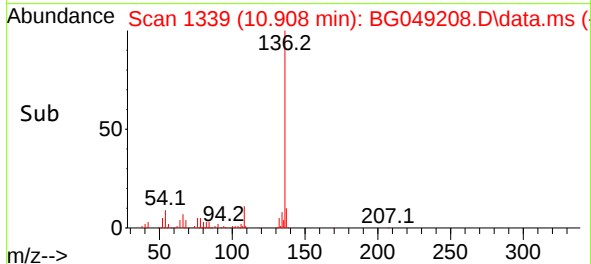
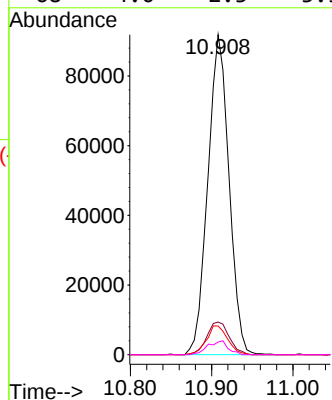


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.908 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

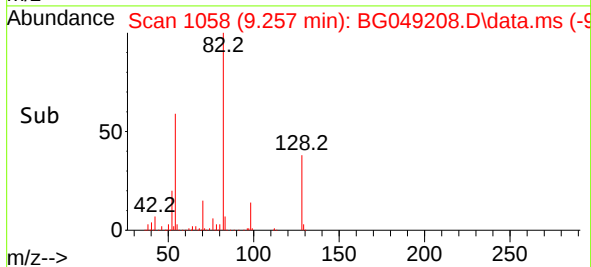
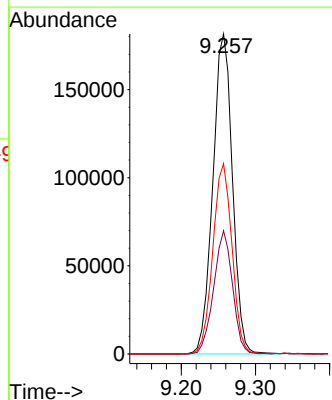
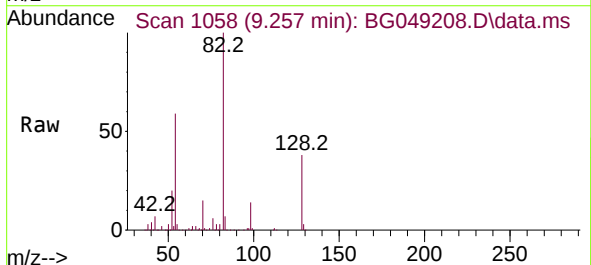


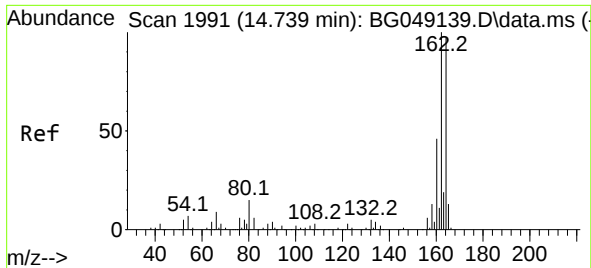
Tgt Ion:136 Resp: 166187
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 8.9 5.5 8.3#
68 4.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 85.01 ng
RT: 9.257 min Scan# 1058
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion: 82 Resp: 333200
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 59.5 45.8 68.8

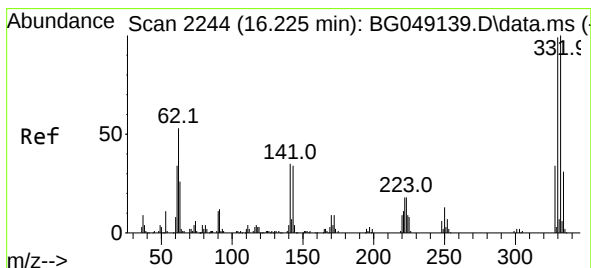
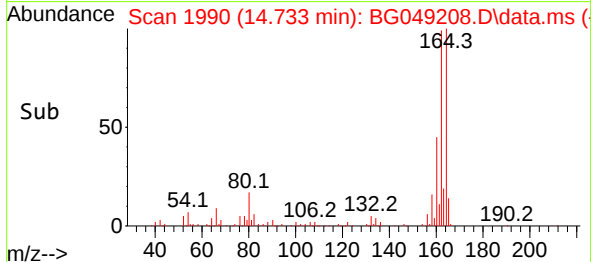
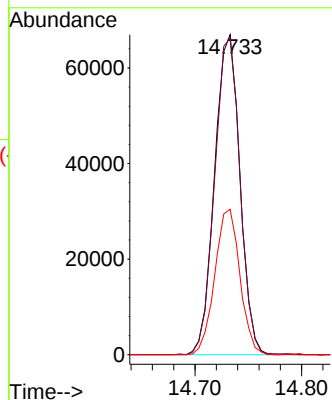
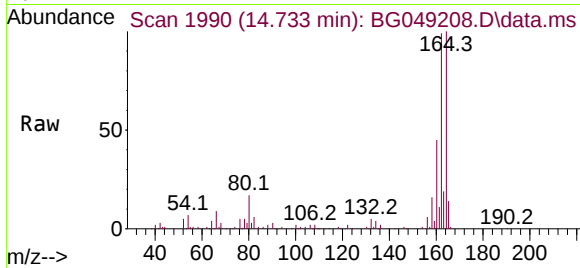




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

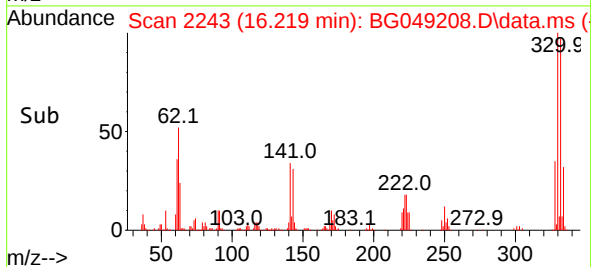
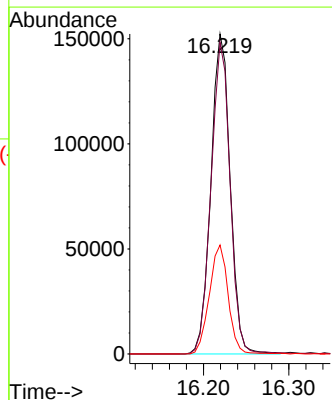
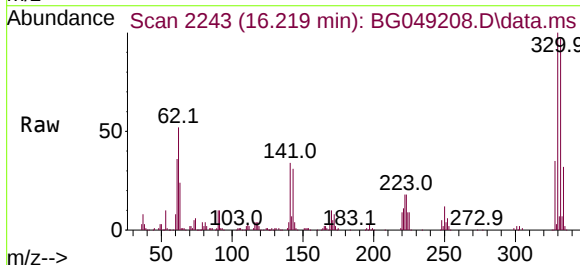
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

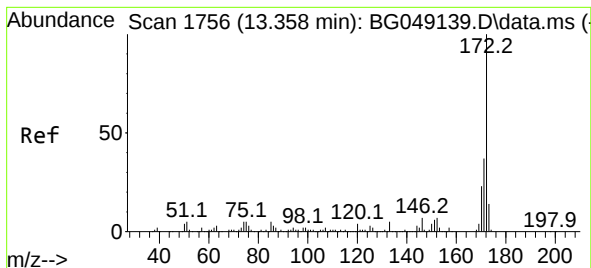
Tgt Ion:164 Resp: 110258
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 45.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 125.20 ng
RT: 16.219 min Scan# 2243
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

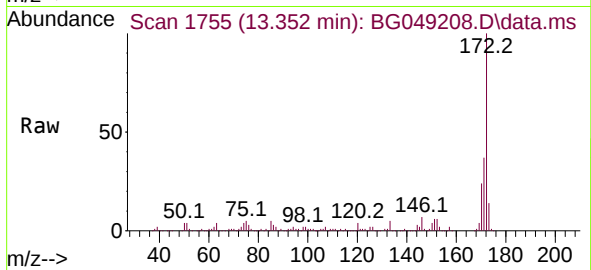
Tgt Ion:330 Resp: 239297
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.4 35.6 53.4#



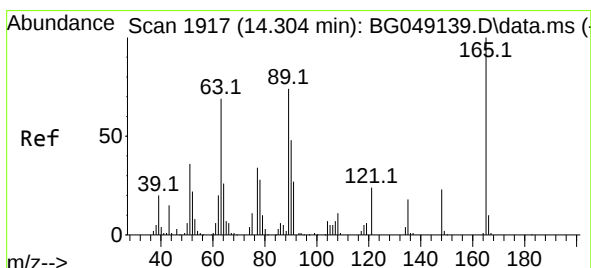
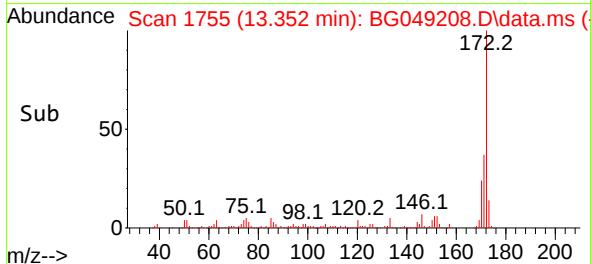
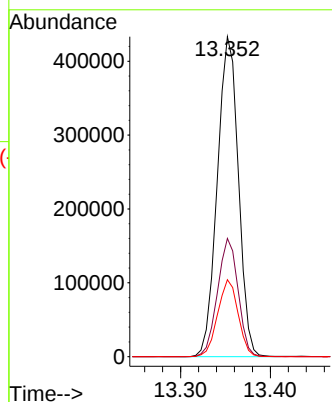


#45
2-Fluorobiphenyl
Concen: 86.41 ng
RT: 13.352 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

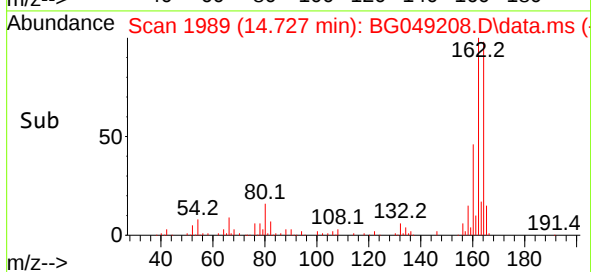
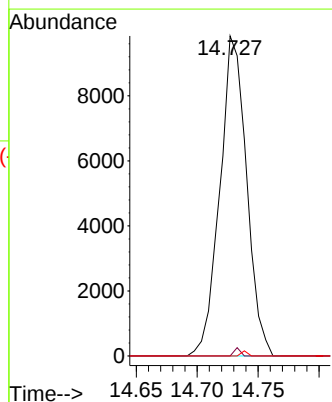
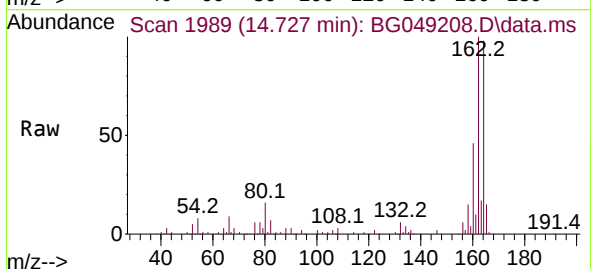


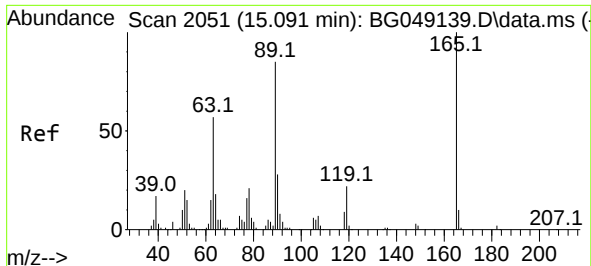
Tgt Ion:172 Resp: 706191
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 14.727 min Scan# 1989
Delta R.T. 0.432 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

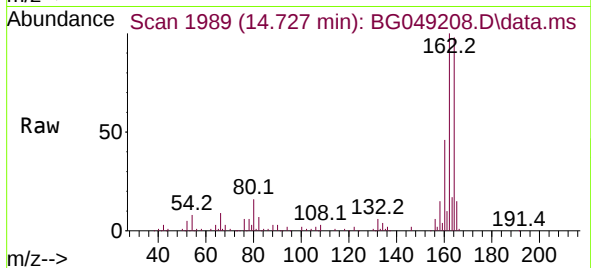
Tgt Ion:165 Resp: 15029
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



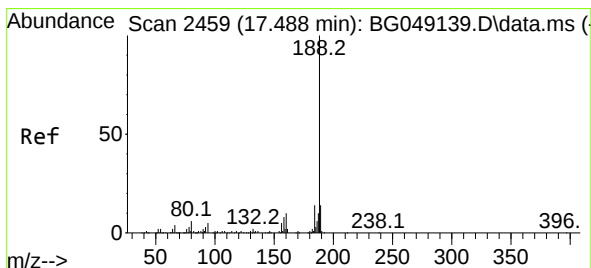
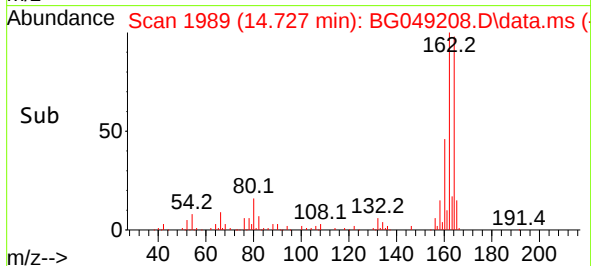
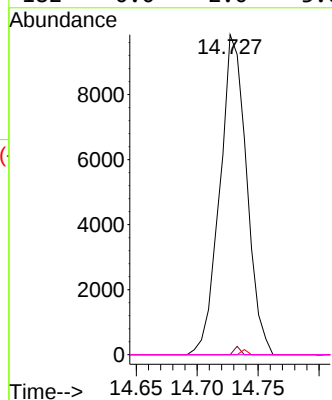


#57
2,4-Dinitrotoluene
Concen: 5.22 ng
RT: 14.727 min Scan# 1989
Delta R.T. -0.355 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

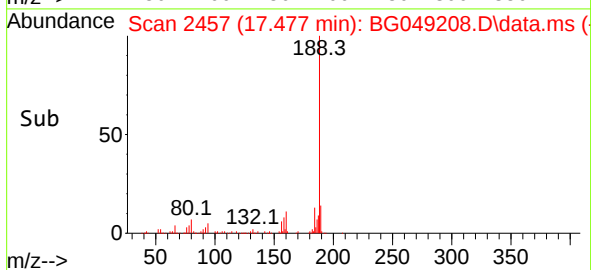
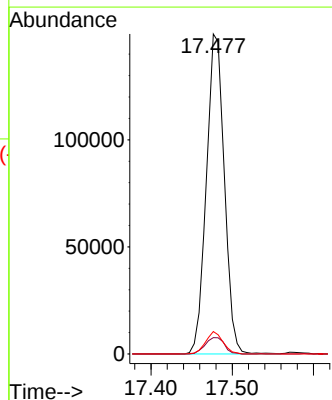
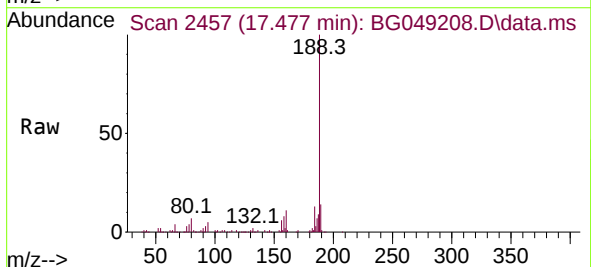


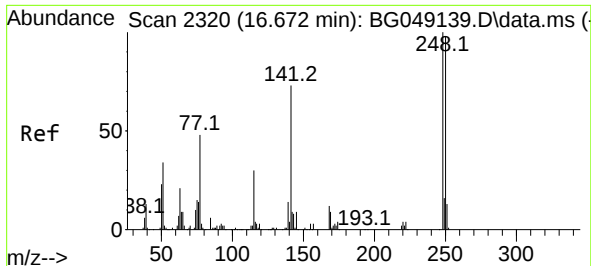
Tgt Ion:165 Resp: 15029
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:188 Resp: 229627
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.0 3.7 5.5#

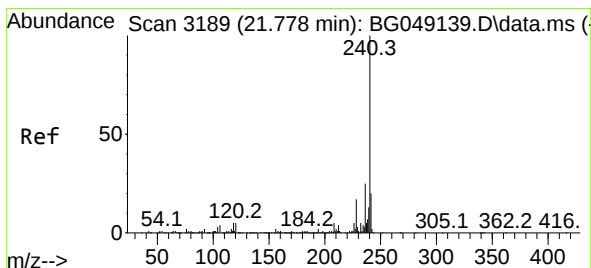
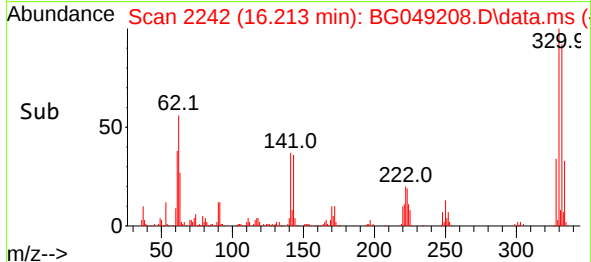
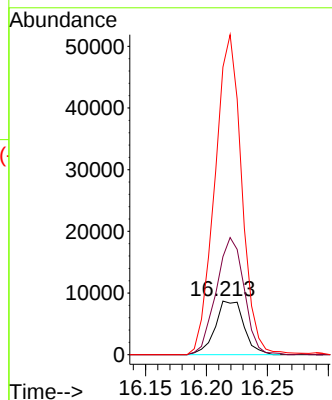
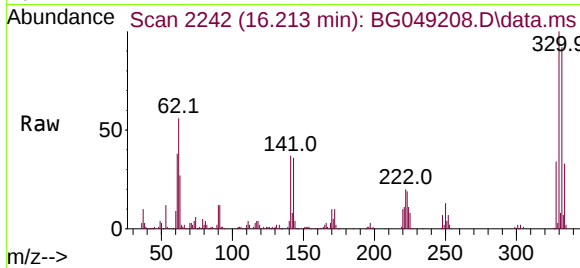




#67
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 16.213 min Scan# 2242
Delta R.T. -0.449 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

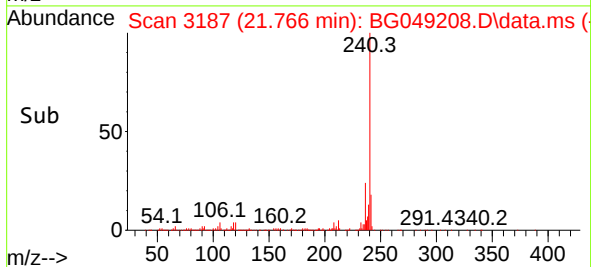
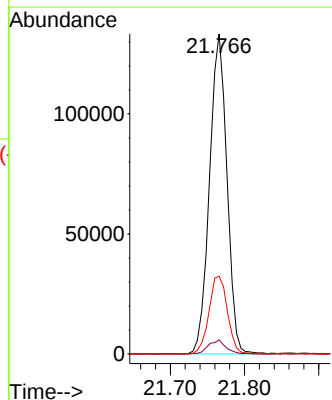
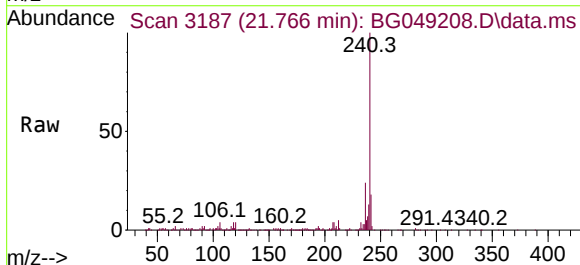
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

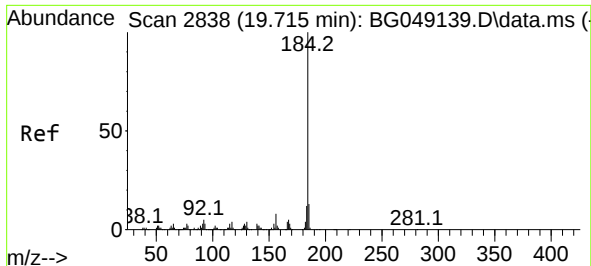
Tgt Ion:248 Resp: 14221
Ion Ratio Lower Upper
248 100
250 182.7 76.1 114.1#
141 536.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.766 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:240 Resp: 217888
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 24.3 21.8 32.6

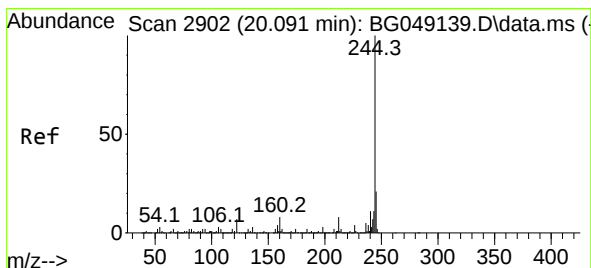
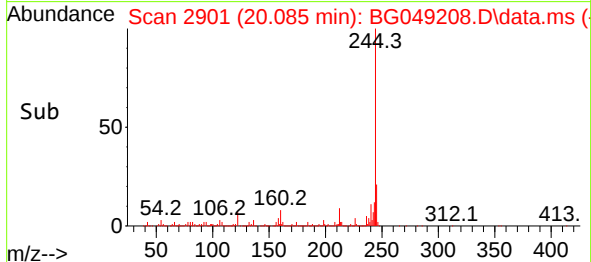
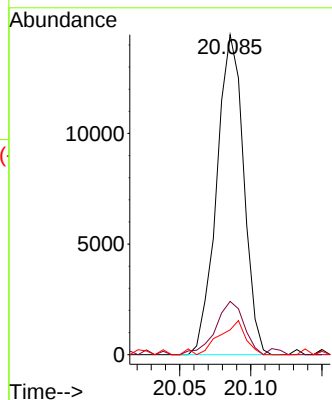
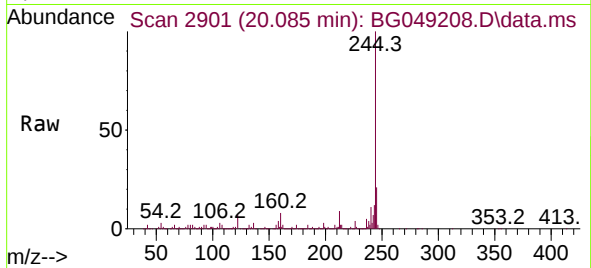




#77
Benzidine
Concen: 4.08 ng
RT: 20.085 min Scan# 2901
Delta R.T. 0.379 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

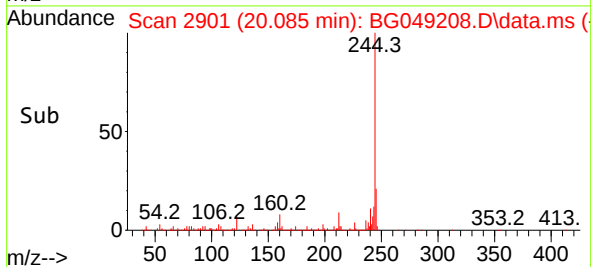
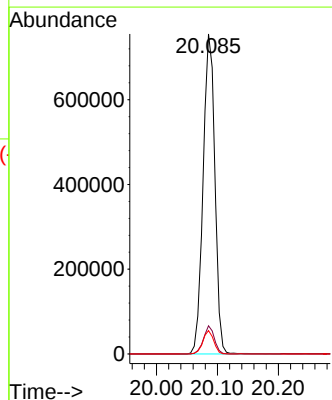
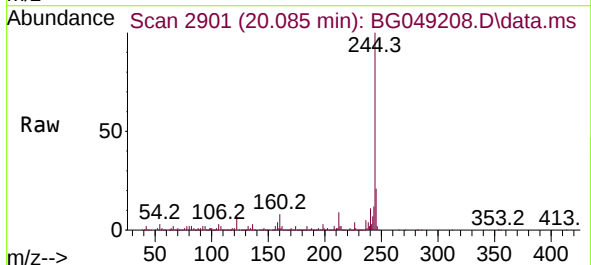
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

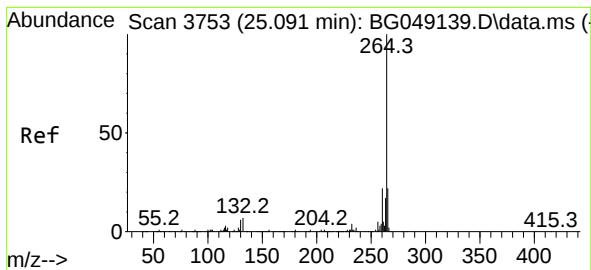
Tgt Ion:184 Resp: 19103
Ion Ratio Lower Upper
184 100
185 16.6 10.7 16.1#
183 7.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 78.98 ng
RT: 20.085 min Scan# 2901
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

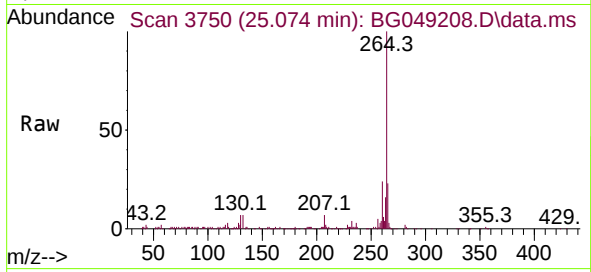
Tgt Ion:244 Resp: 1015570
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.074 min Scan# 3750
 Delta R.T. 0.009 min
 Lab File: BG049208.D
 Acq: 7 Jul 2021 20:51

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-5



Tgt Ion:264 Resp: 228234

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.9	16.9	25.3

