

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055385.D
 Acq On : 31 Oct 2022 19:11
 Operator : CG/JU
 Sample : N5377-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-WC-20221028

Quant Time: Nov 01 06:50:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

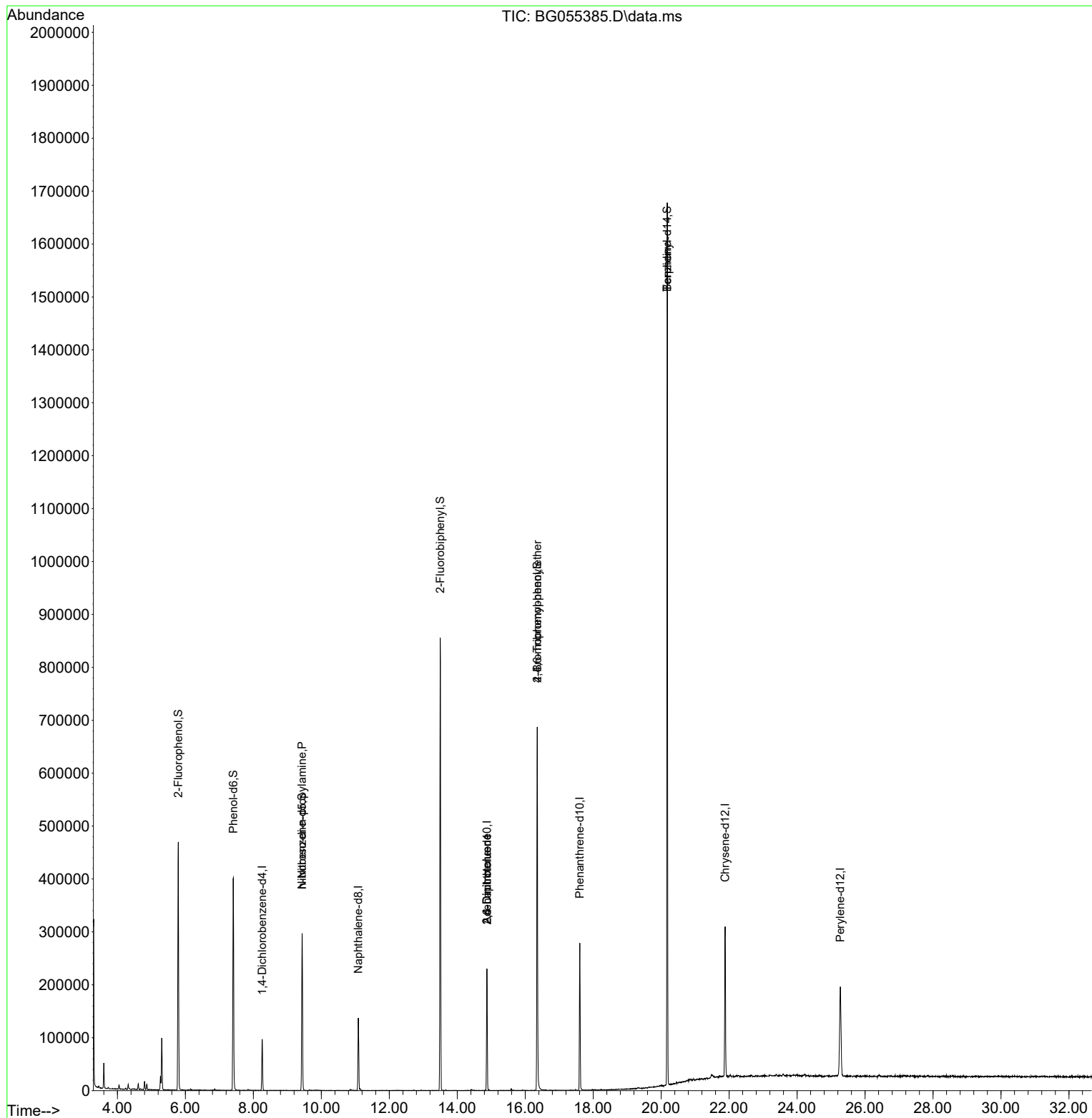
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	29192	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	121885	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	84287	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	182972	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	180089	20.000	ng	# 0.00
86) Perylene-d12	25.274	264	192337	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	218658	131.154	ng	0.00
7) Phenol-d6	7.412	99	261192	108.137	ng	0.00
23) Nitrobenzene-d5	9.434	82	189035	79.196	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	154930	169.087	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	455205	88.395	ng	-0.01
79) Terphenyl-d14	20.180	244	811459	93.618	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	25206	12.567	ng	# 76
51) 2,6-Dinitrotoluene	14.874	165	10813	8.030	ng	# 21
57) 2,4-Dinitrotoluene	14.874	165	10813	5.533	ng	# 19
67) 4-Bromophenyl-phenylether	16.355	248	9333	5.250	ng	# 1
77) Benzidine	20.180	184	11604	2.661	ng	# 91

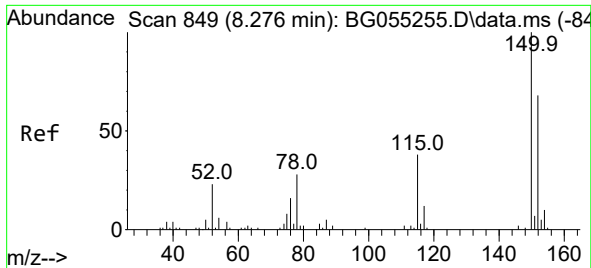
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
Data File : BG055385.D
Acq On : 31 Oct 2022 19:11
Operator : CG/JU
Sample : N5377-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

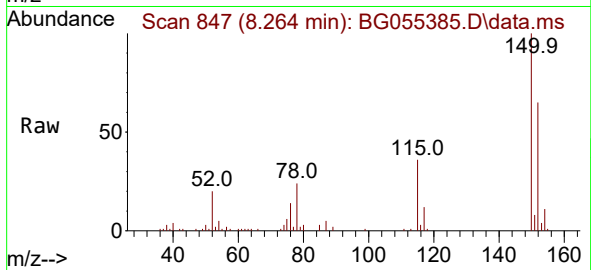
Quant Time: Nov 01 06:50:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



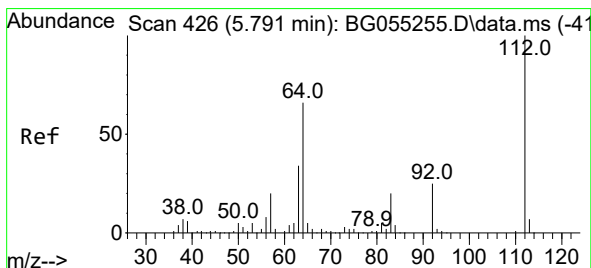
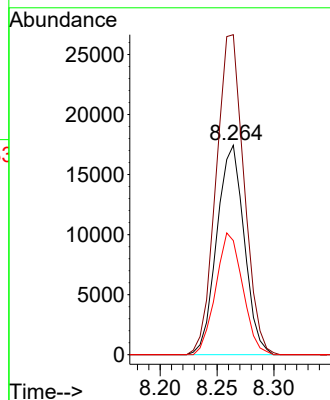
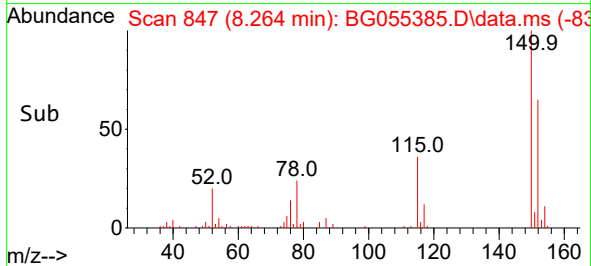


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

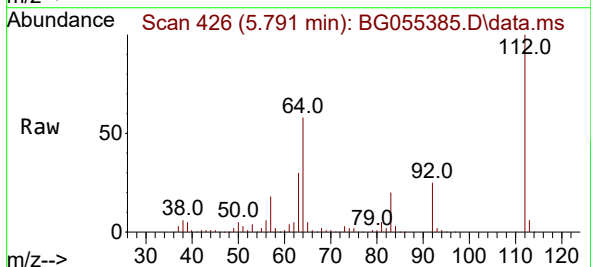
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028



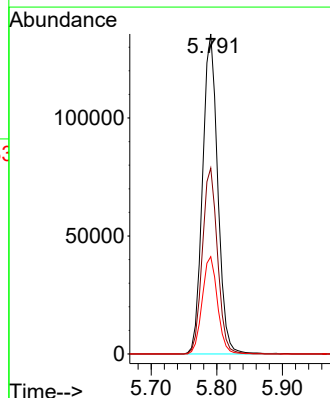
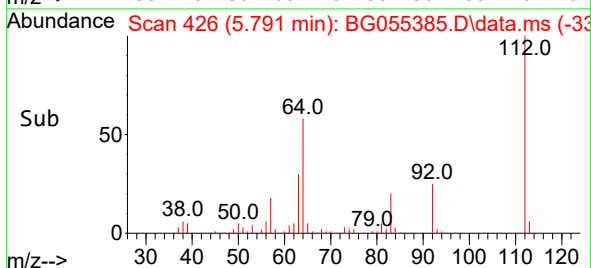
Tgt Ion:152 Resp: 29192
Ion Ratio Lower Upper
152 100
150 152.7 118.2 177.4
115 54.4 44.5 66.7

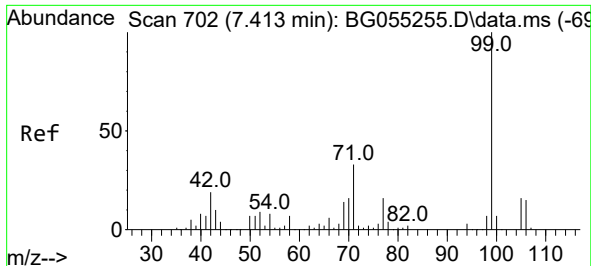


#5
2-Fluorophenol
Concen: 131.154 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11



Tgt Ion:112 Resp: 218658
Ion Ratio Lower Upper
112 100
64 58.1 52.6 78.8
63 30.4 27.1 40.7

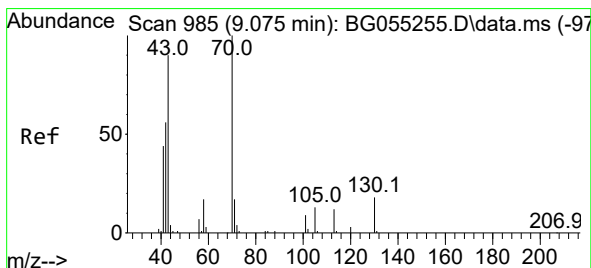
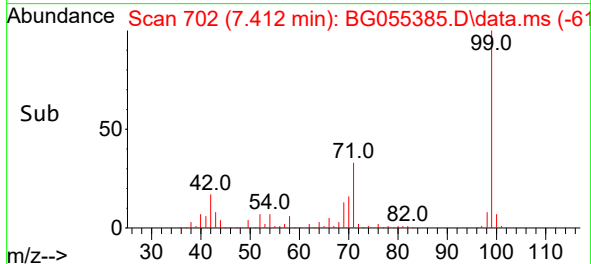
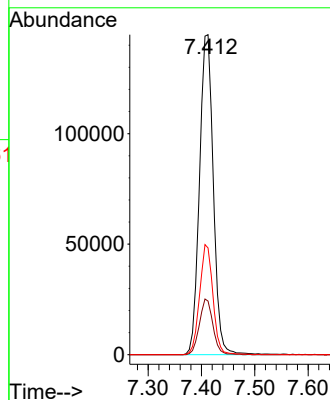
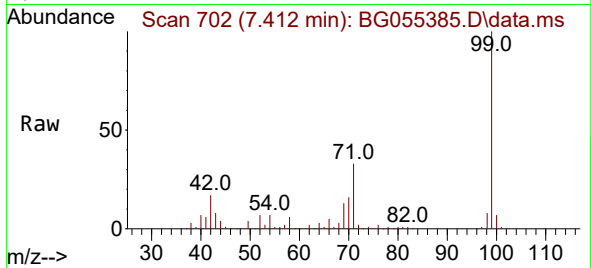




#7
Phenol-d6
Concen: 108.137 ng
RT: 7.412 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

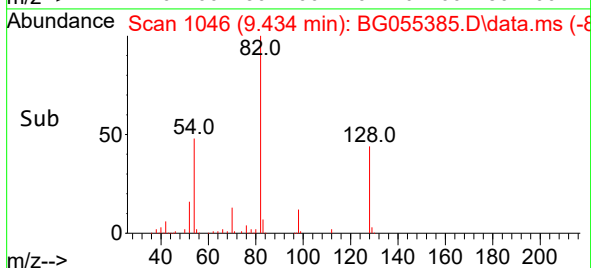
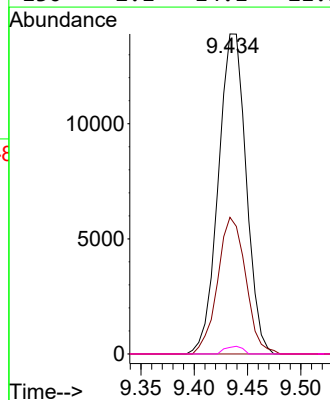
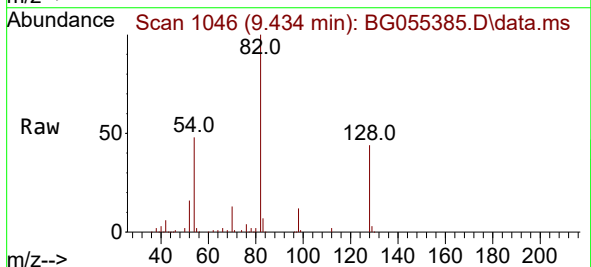
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

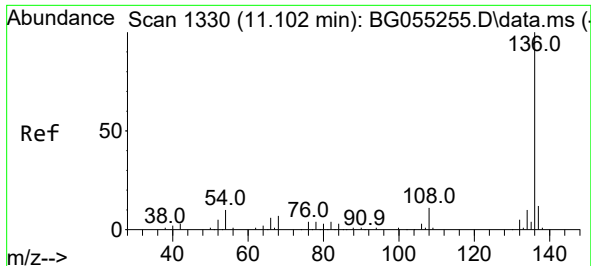
Tgt Ion: 99 Resp: 261192
Ion Ratio Lower Upper
99 100
42 16.8 15.2 22.8
71 33.4 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.567 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion: 70 Resp: 25206
Ion Ratio Lower Upper
70 100
42 42.7 45.8 68.6#
101 0.0 7.4 11.0#
130 2.1 14.1 21.1#

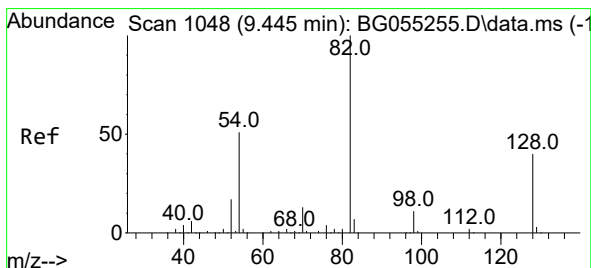
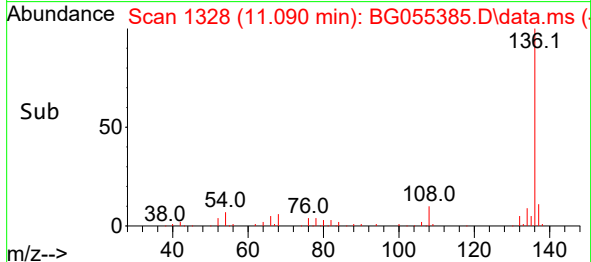
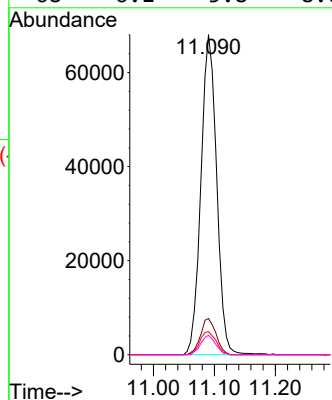
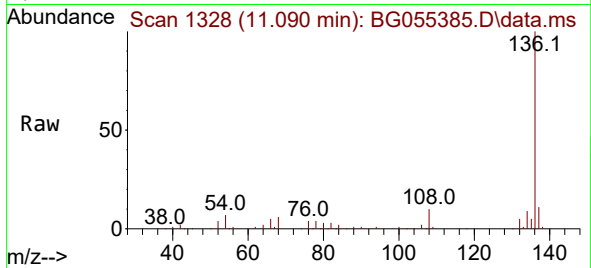




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

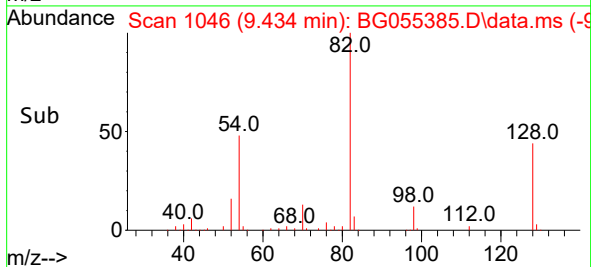
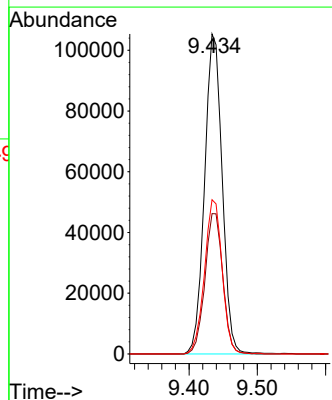
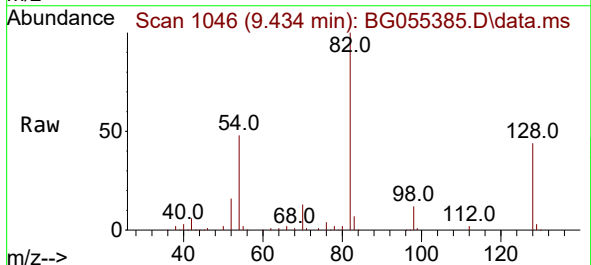
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

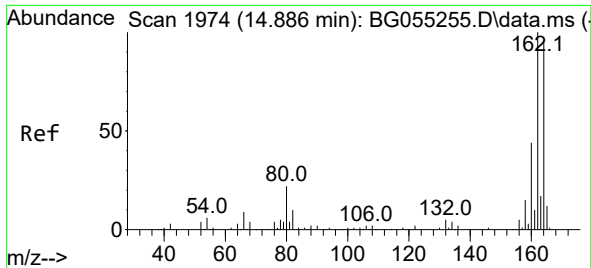
Tgt Ion:136 Resp: 121885
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.2 7.8 11.8#
68 6.1 5.8 8.6



#23
Nitrobenzene-d5
Concen: 79.196 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion: 82 Resp: 189035
Ion Ratio Lower Upper
82 100
128 43.9 32.0 48.0
54 48.2 40.9 61.3

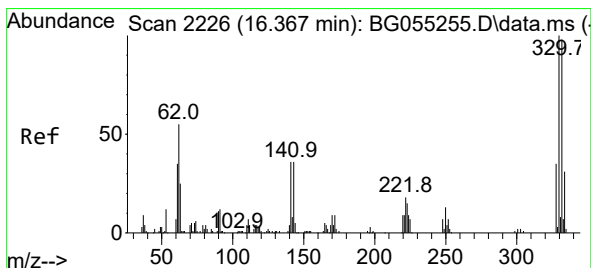
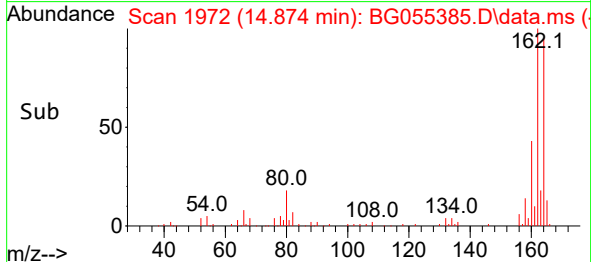
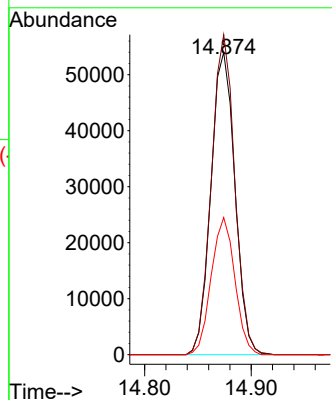
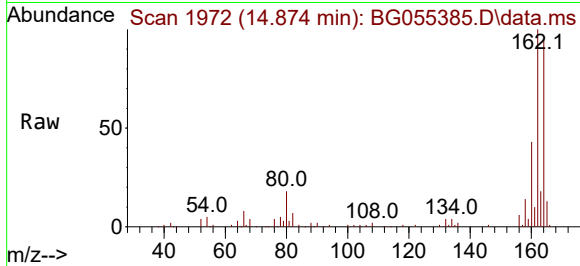




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

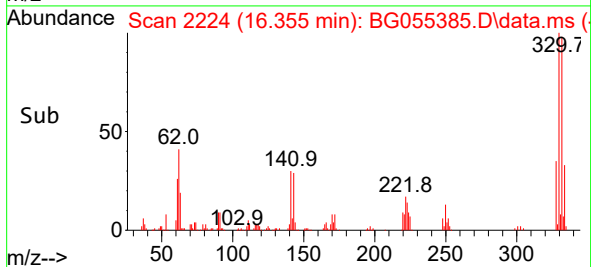
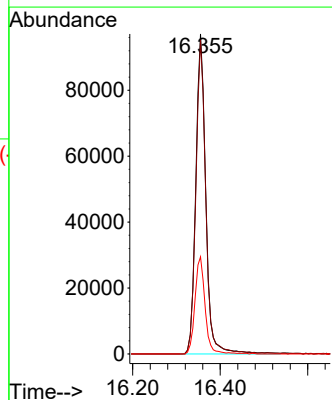
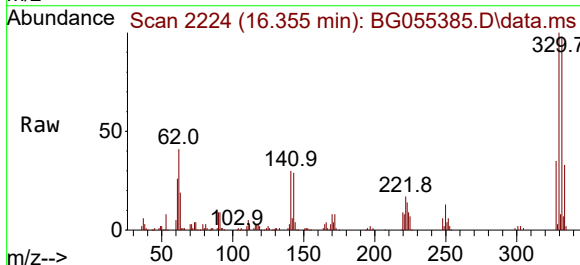
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

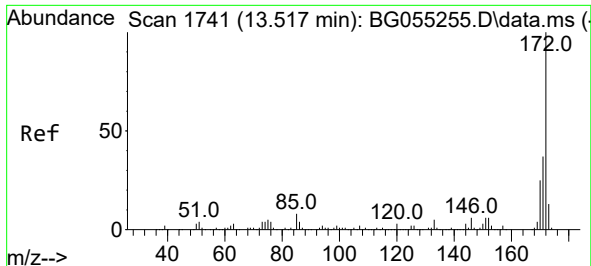
Tgt Ion:164 Resp: 84287
Ion Ratio Lower Upper
164 100
162 105.8 84.0 126.0
160 45.3 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 169.087 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion:330 Resp: 154930
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 30.6 29.8 44.8

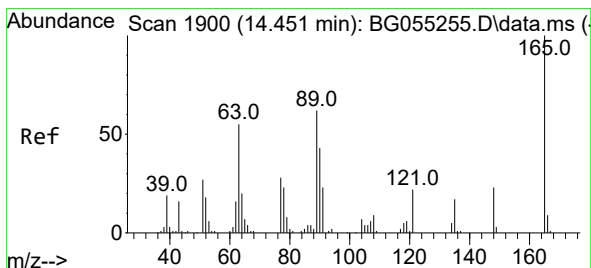
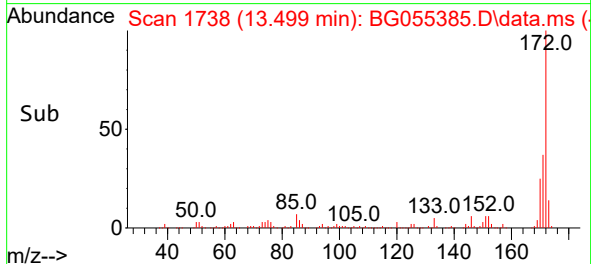
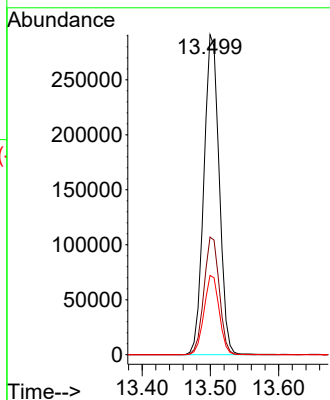
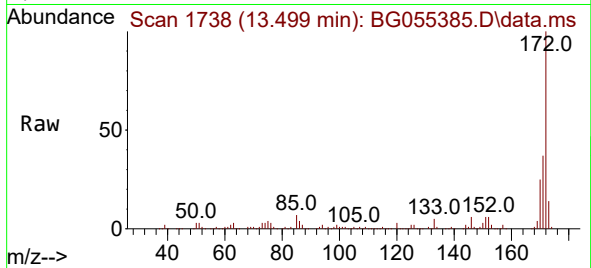




#45
2-Fluorobiphenyl
Concen: 88.395 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

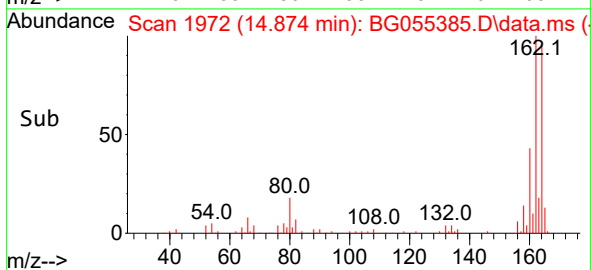
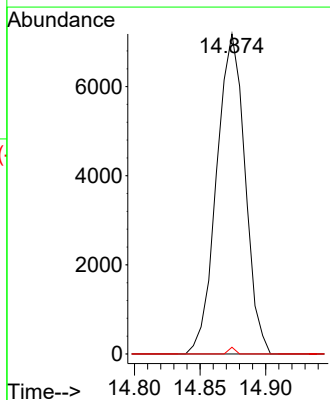
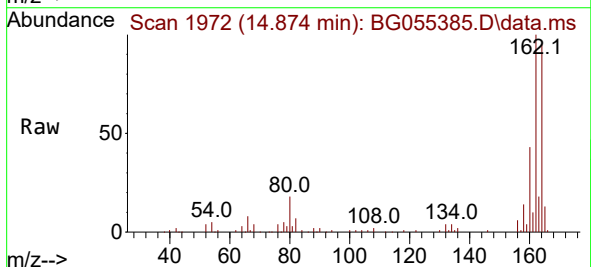
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

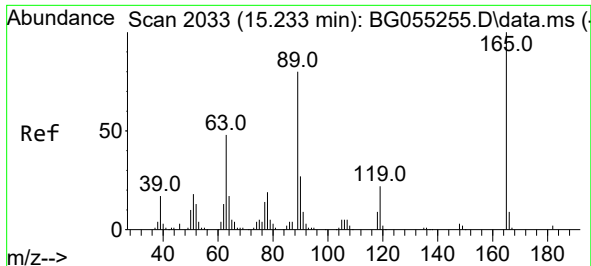
Tgt Ion:172 Resp: 455205
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.030 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion:165 Resp: 10813
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 2.1 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.533 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055385.D

Acq: 31 Oct 2022 19:11

Instrument :

BNA_G

ClientSampleId :

SOIL-WC-20221028

Tgt Ion:165 Resp: 10813

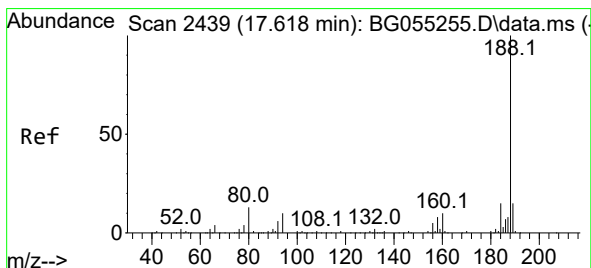
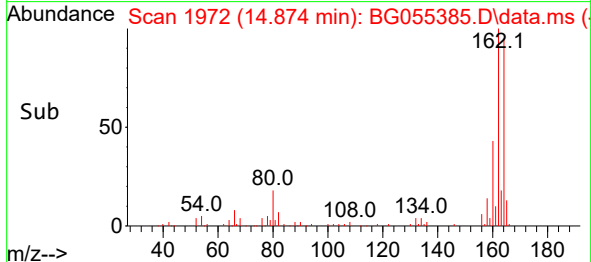
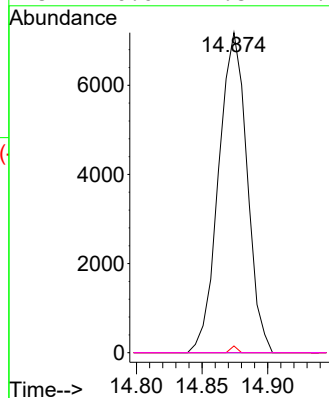
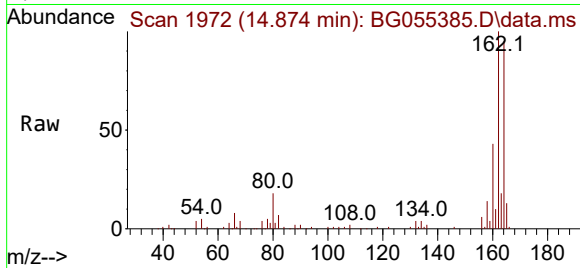
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 2.1 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.606 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055385.D

Acq: 31 Oct 2022 19:11

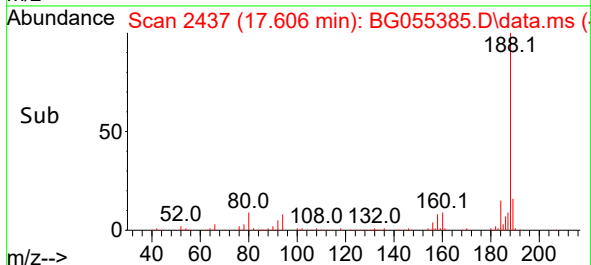
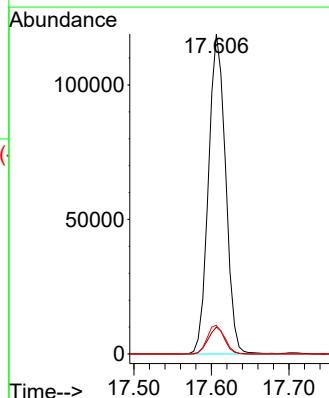
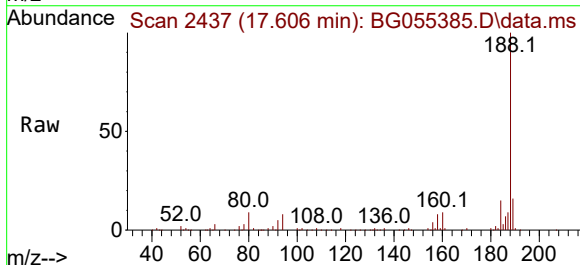
Tgt Ion:188 Resp: 182972

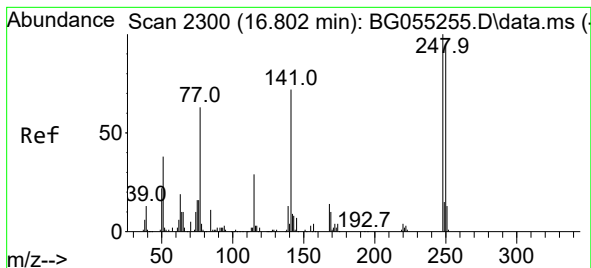
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

80 8.9 10.1 15.1#

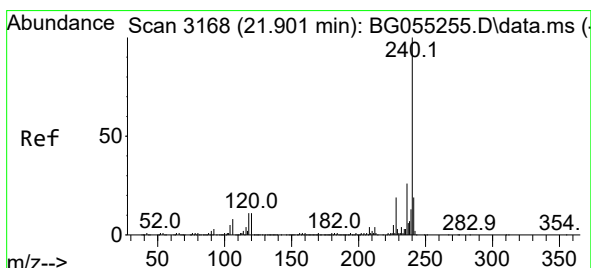
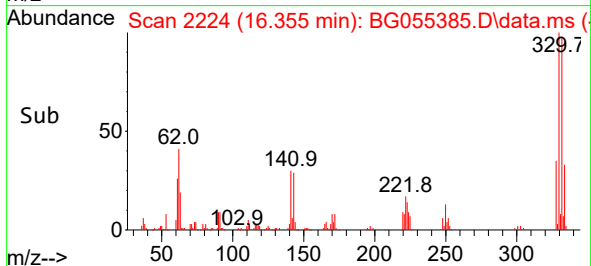
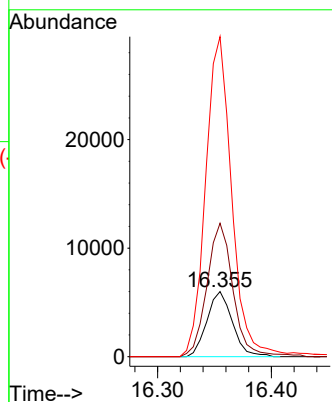
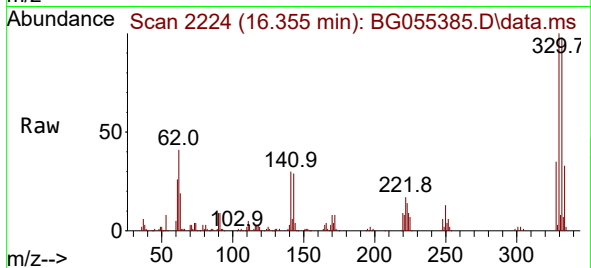




#67
4-Bromophenyl-phenylether
Concen: 5.250 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

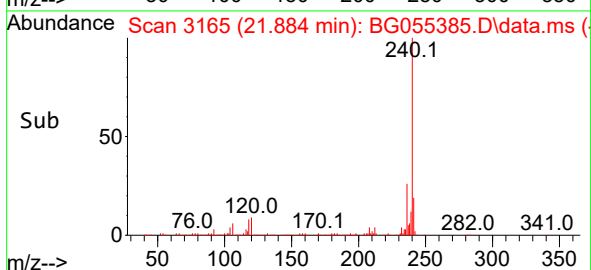
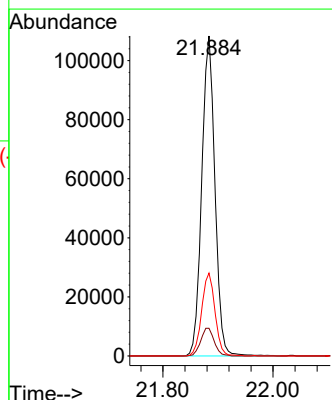
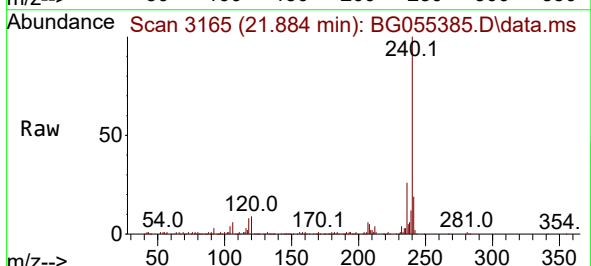
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

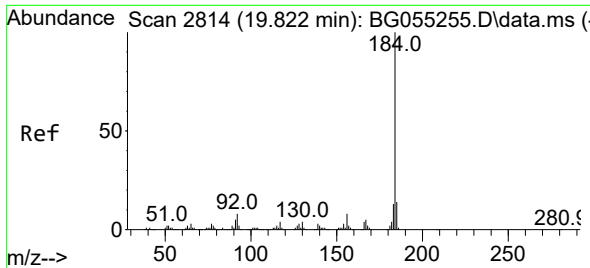
Tgt Ion:248 Resp: 9333
Ion Ratio Lower Upper
248 100
250 205.2 76.0 114.0#
141 491.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion:240 Resp: 180089
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 25.9 21.0 31.4

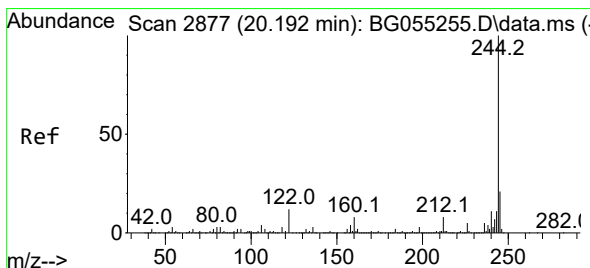
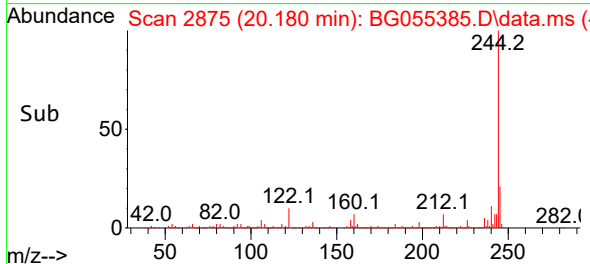
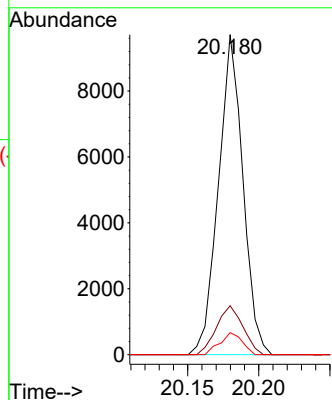
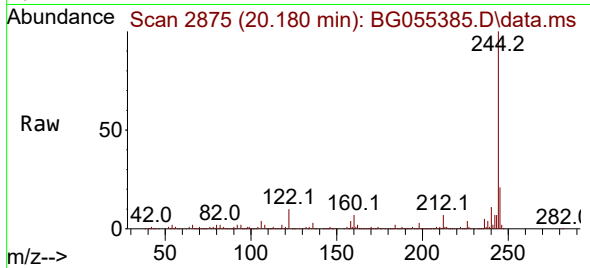




#77
Benzidine
Concen: 2.661 ng
RT: 20.180 min Scan# 2814
Delta R.T. 0.364 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

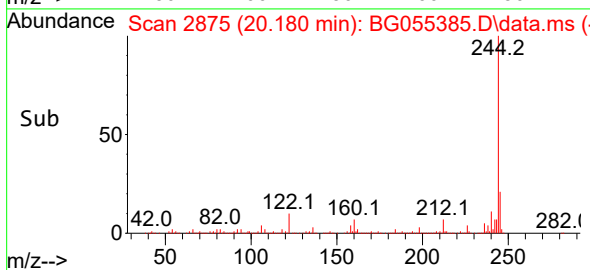
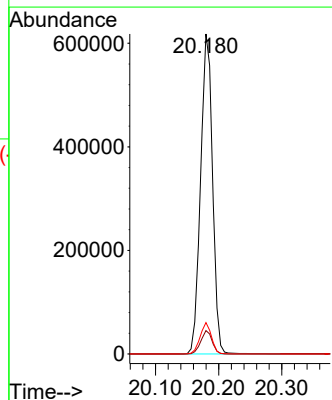
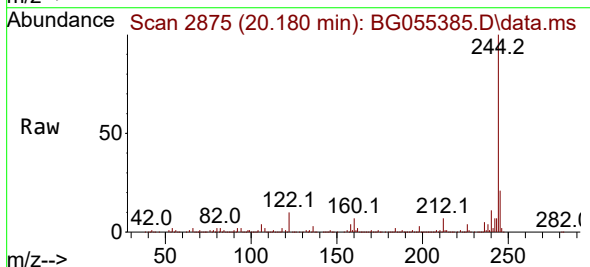
Instrument :
BNA_G
ClientSampleId :
SOIL-WC-20221028

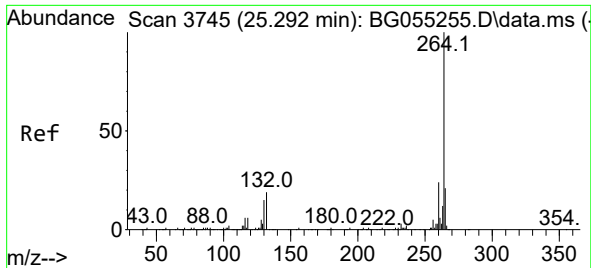
Tgt Ion:184 Resp: 11604
Ion Ratio Lower Upper
184 100
185 15.3 11.0 16.6
183 6.9 10.0 15.0#



#79
Terphenyl-d14
Concen: 93.618 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055385.D
Acq: 31 Oct 2022 19:11

Tgt Ion:244 Resp: 811459
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.8 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG055385.D
 Acq: 31 Oct 2022 19:11

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-WC-20221028

Tgt Ion:264 Resp: 192337
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.2 17.4 26.2

