

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055765.D
 Acq On : 23 Nov 2022 21:40
 Operator : CG/JU
 Sample : N5641-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-4

Quant Time: Nov 24 06:09:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

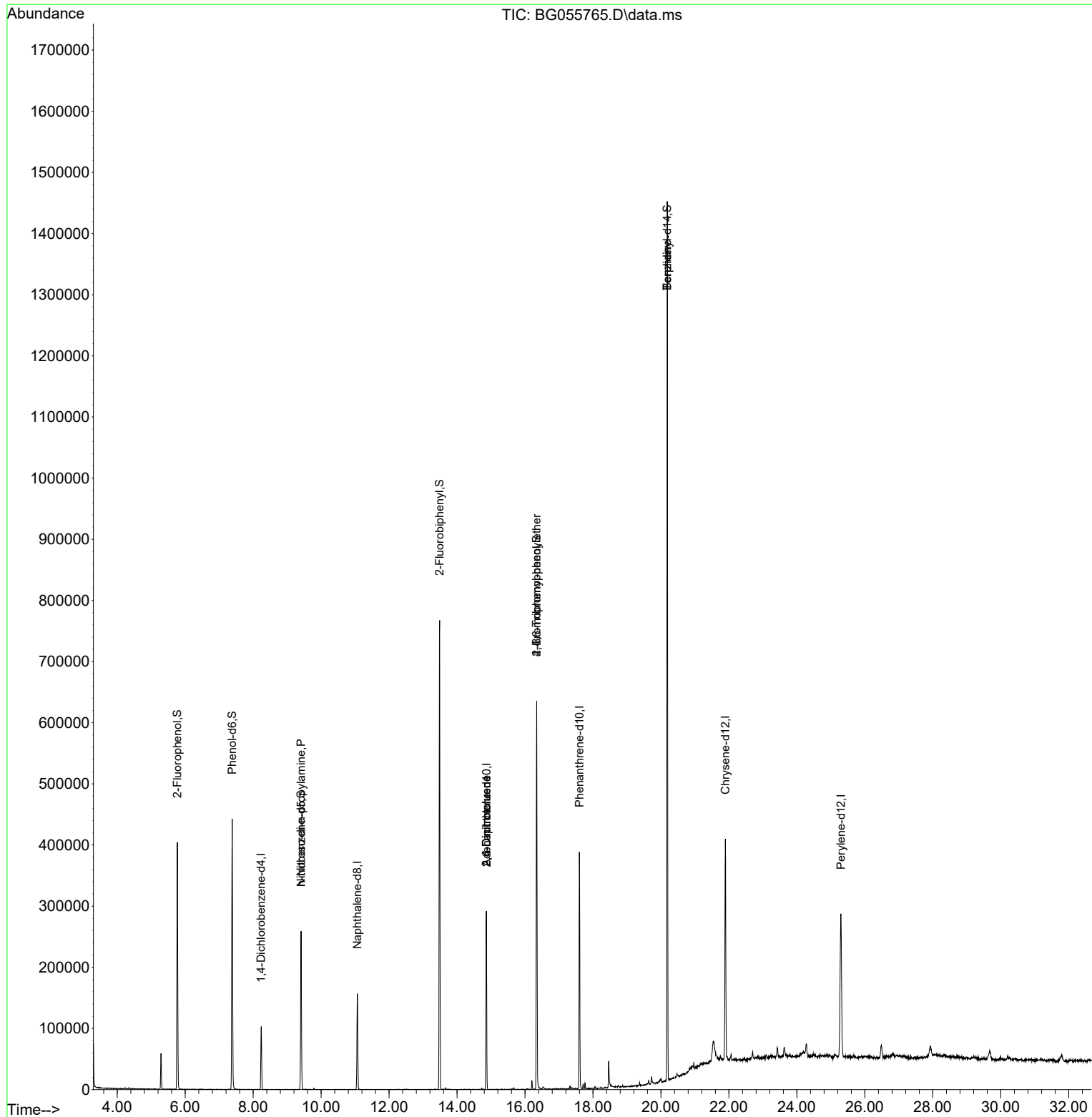
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.233	152	30019	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	134836	20.000	ng	0.00
39) Acenaphthene-d10	14.860	164	104546	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	248179	20.000	ng	0.00
76) Chrysene-d12	21.893	240	236764	20.000	ng	0.00
86) Perylene-d12	25.295	264	251812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	177803	107.060	ng	0.00
7) Phenol-d6	7.381	99	248661	112.477	ng	0.00
23) Nitrobenzene-d5	9.408	82	150779	59.104	ng	0.00
42) 2,4,6-Tribromophenol	16.341	330	142855	97.039	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	408993	58.608	ng	0.00
79) Terphenyl-d14	20.183	244	745214	62.954	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.408	70	19717	11.608	ng	# 73
51) 2,6-Dinitrotoluene	14.860	165	13698	8.039	ng	# 24
57) 2,4-Dinitrotoluene	14.860	165	13698	5.701	ng	# 22
67) 4-Bromophenyl-phenylether	16.341	248	8860	3.133	ng	# 1
77) Benzidine	20.183	184	11242	2.052	ng	# 93

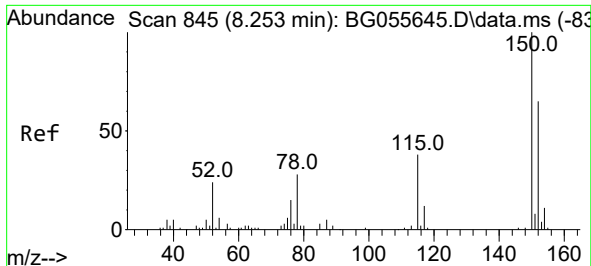
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
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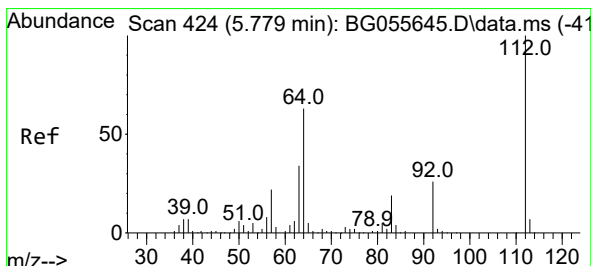
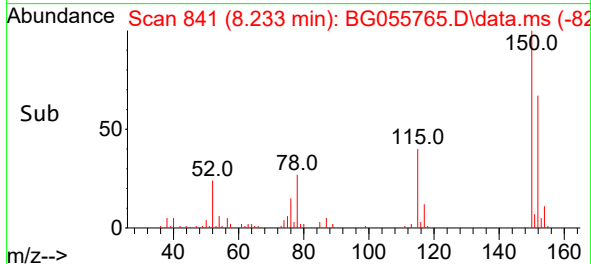
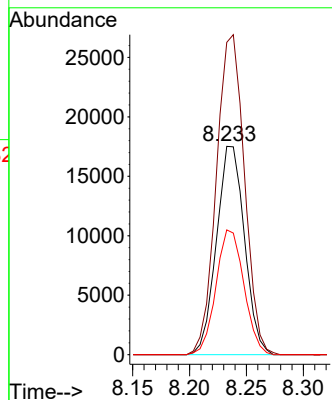
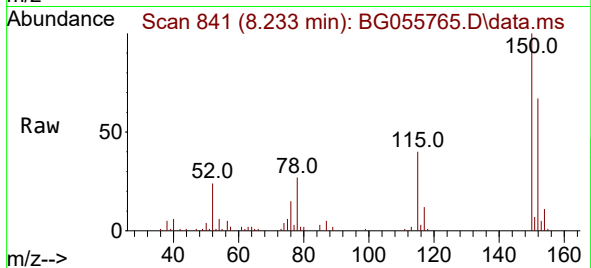




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.233 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

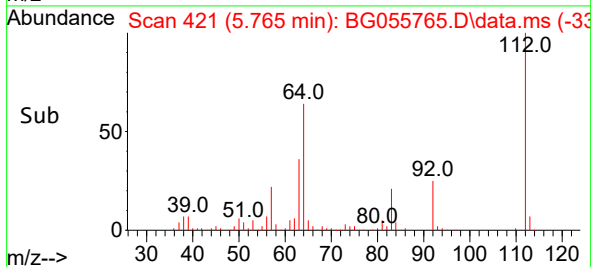
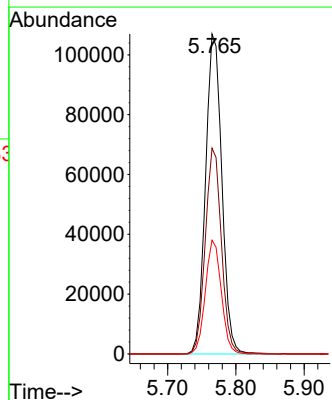
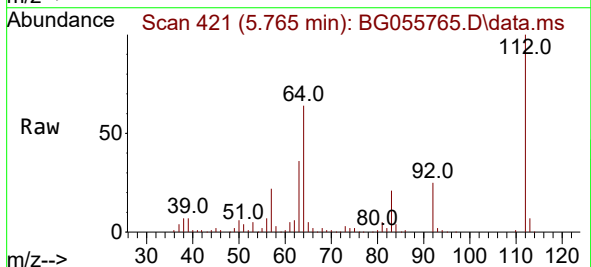
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

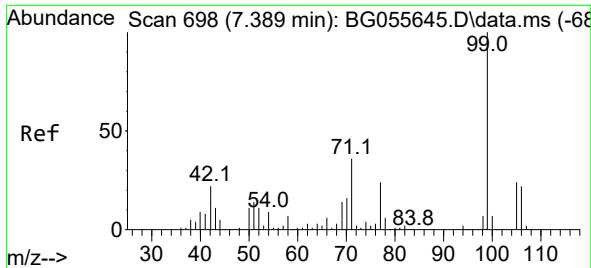
Tgt Ion:152 Resp: 30019
Ion Ratio Lower Upper
152 100
150 149.9 123.0 184.6
115 59.9 47.0 70.4



#5
2-Fluorophenol
Concen: 107.060 ng
RT: 5.765 min Scan# 421
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:112 Resp: 177803
Ion Ratio Lower Upper
112 100
64 64.3 50.6 76.0
63 35.5 27.5 41.3

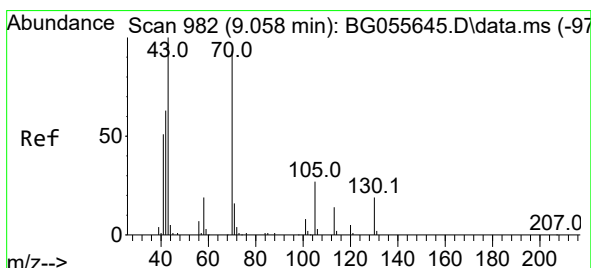
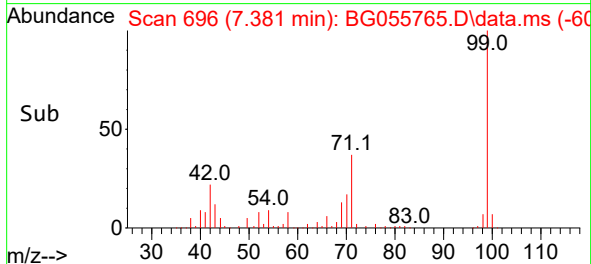
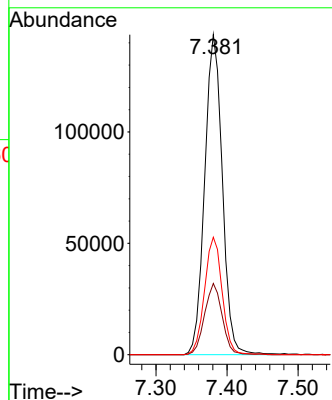
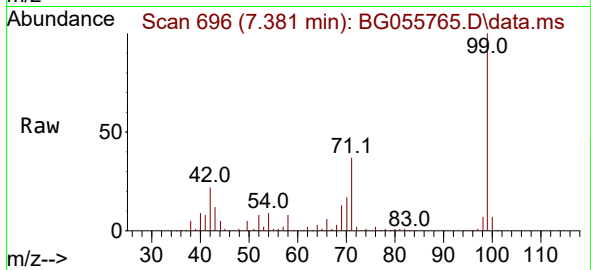




#7
Phenol-d6
Concen: 112.477 ng
RT: 7.381 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

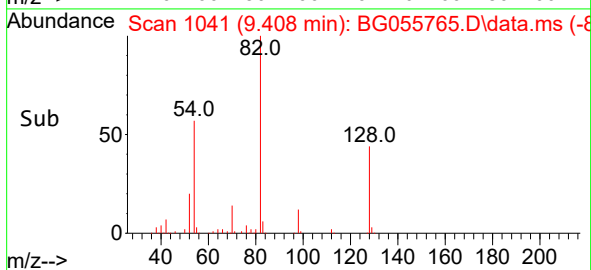
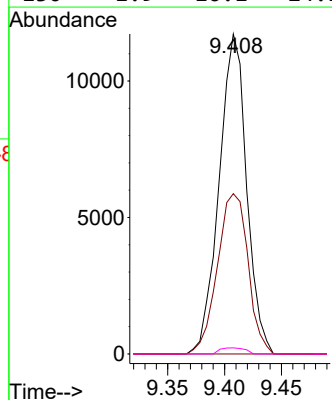
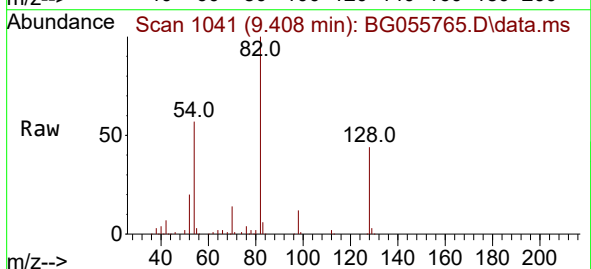
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

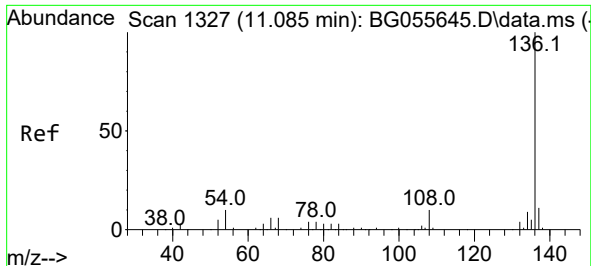
Tgt Ion: 99 Resp: 248661
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.7 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.608 ng
RT: 9.408 min Scan# 1041
Delta R.T. 0.361 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion: 70 Resp: 19717
Ion Ratio Lower Upper
70 100
42 50.1 55.2 82.8#
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#

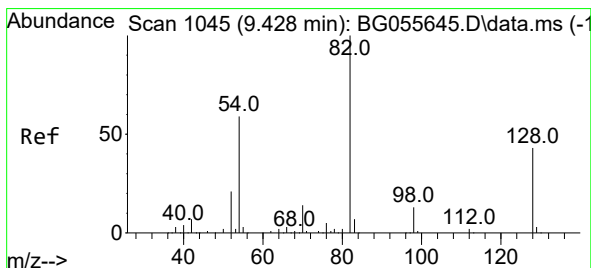
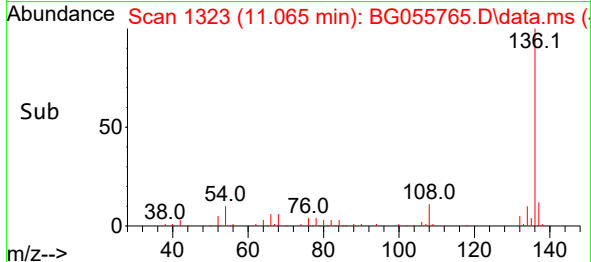
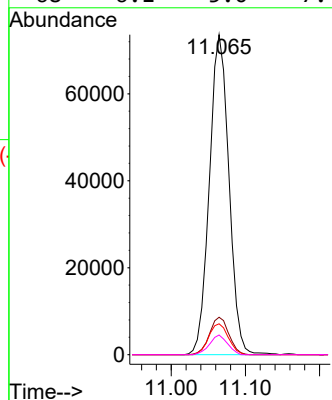
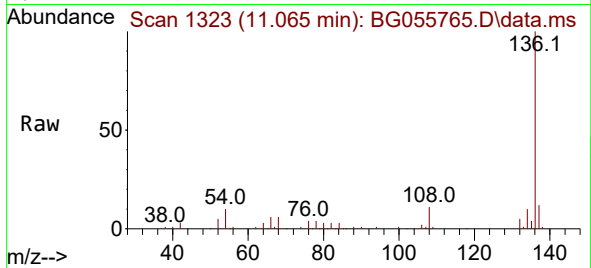




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.065 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

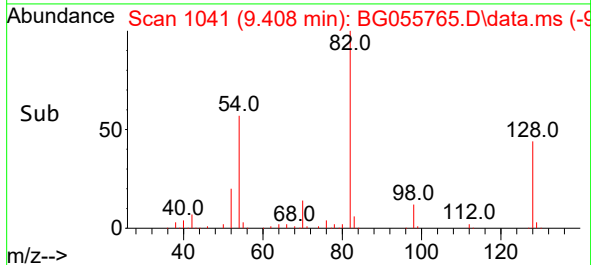
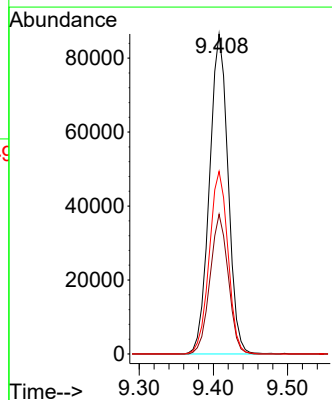
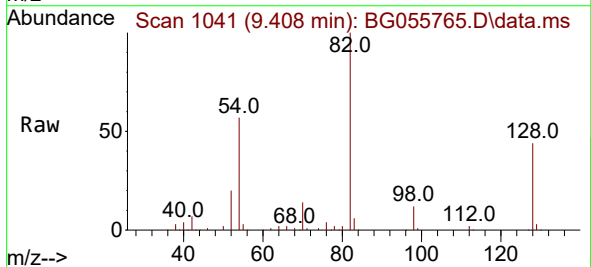
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

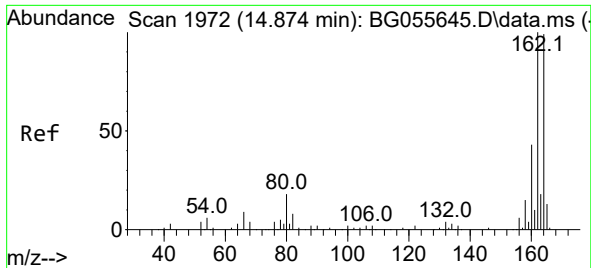
Tgt Ion:	136	Resp:	134836
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	9.6	7.8	11.6
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 59.104 ng
RT: 9.408 min Scan# 1041
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:	82	Resp:	150779
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.1	51.1
54	57.1	47.3	70.9

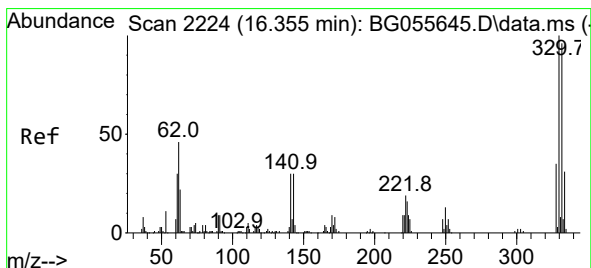
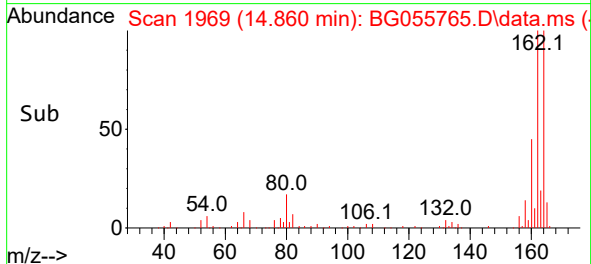
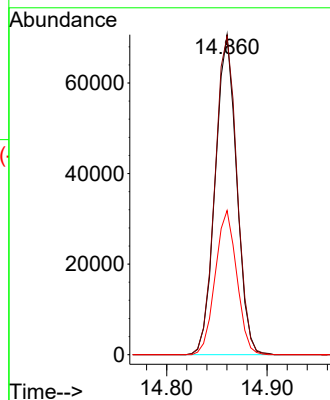
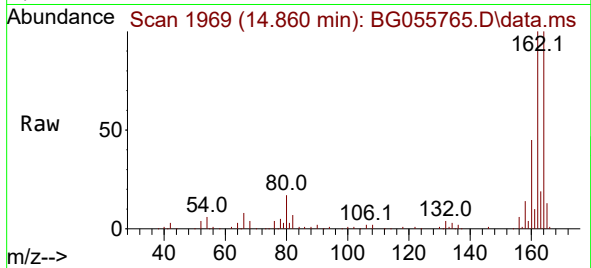




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.860 min Scan# 1969
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

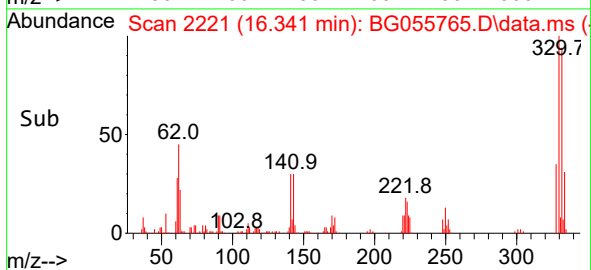
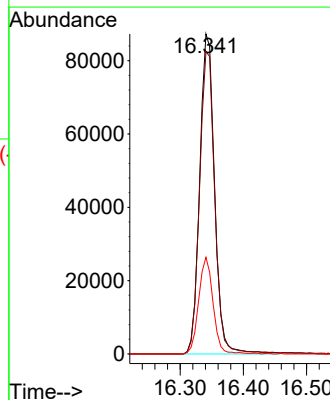
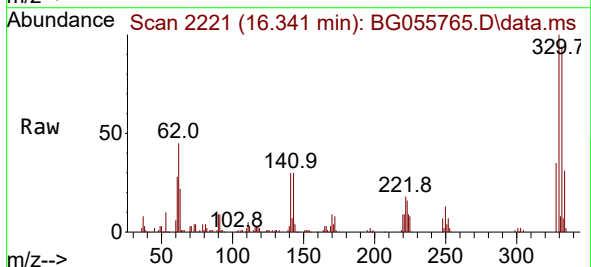
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

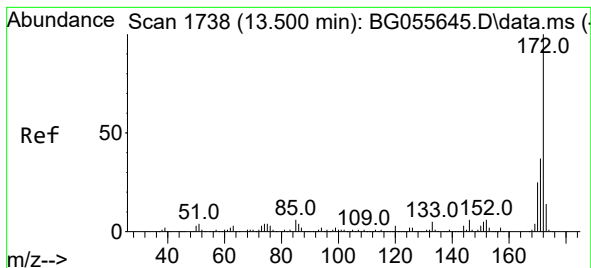
Tgt Ion:164 Resp: 104546
Ion Ratio Lower Upper
164 100
162 99.5 81.1 121.7
160 45.0 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 97.039 ng
RT: 16.341 min Scan# 2221
Delta R.T. -0.009 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:330 Resp: 142855
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 29.2 23.9 35.9

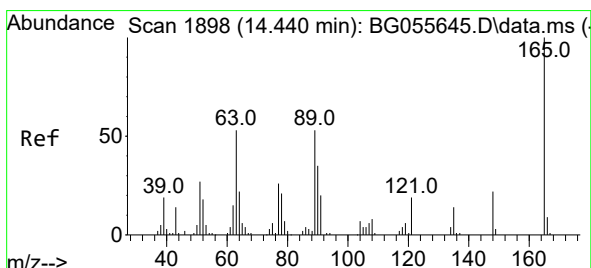
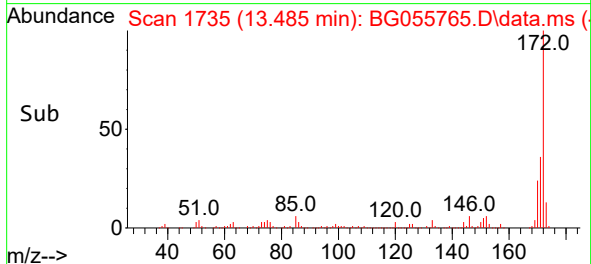
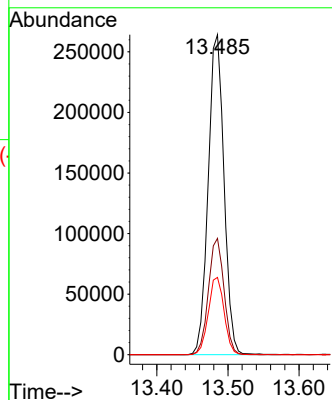
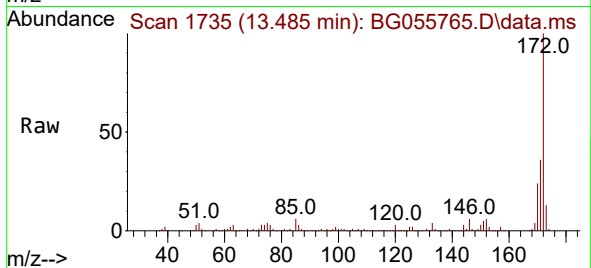




#45
2-Fluorobiphenyl
Concen: 58.608 ng
RT: 13.485 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

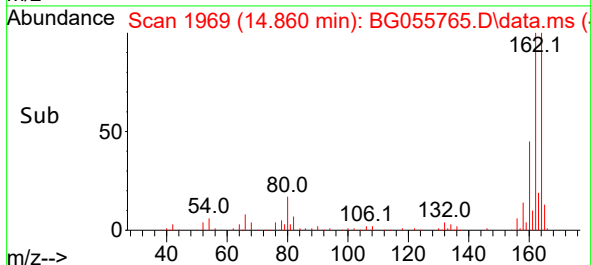
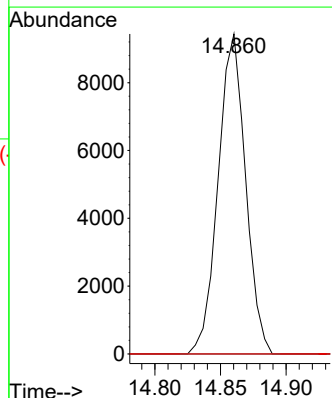
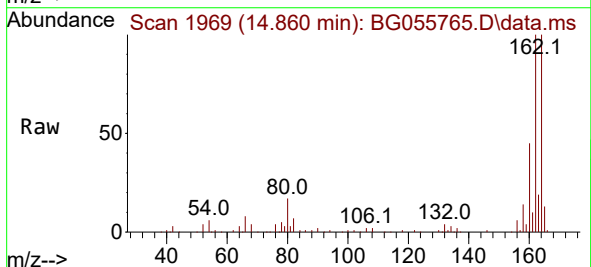
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

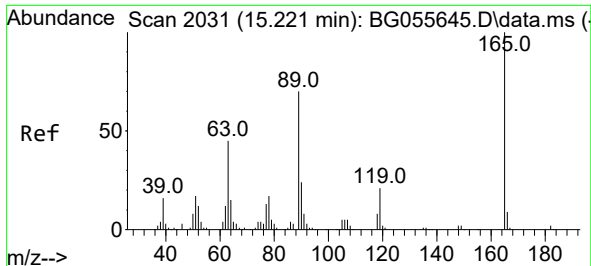
Tgt Ion:172 Resp: 408993
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.039 ng
RT: 14.860 min Scan# 1969
Delta R.T. 0.426 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:165 Resp: 13698
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.701 ng

RT: 14.860 min Scan# 1969

Delta R.T. -0.355 min

Lab File: BG055765.D

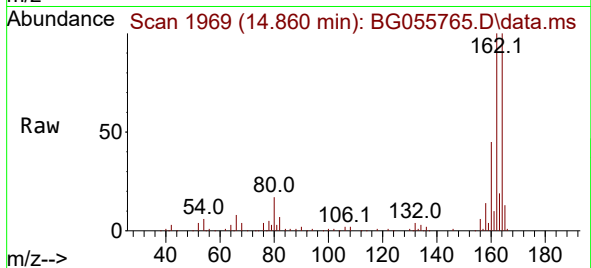
Acq: 23 Nov 2022 21:40

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-4



Tgt Ion:165 Resp: 13698

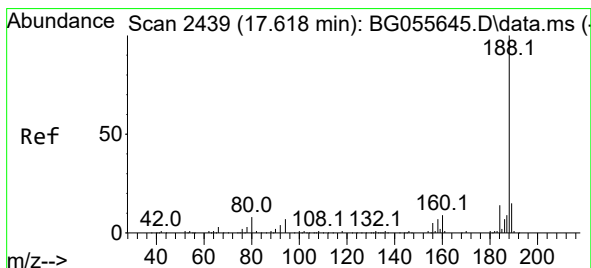
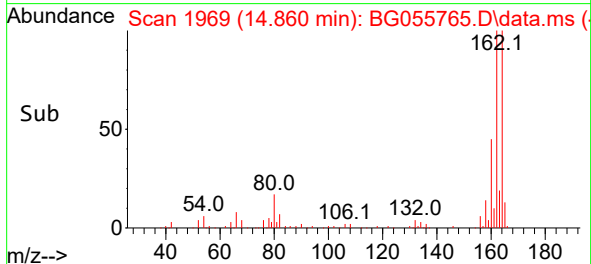
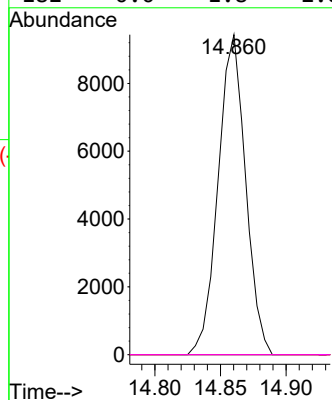
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.598 min Scan# 2435

Delta R.T. -0.009 min

Lab File: BG055765.D

Acq: 23 Nov 2022 21:40

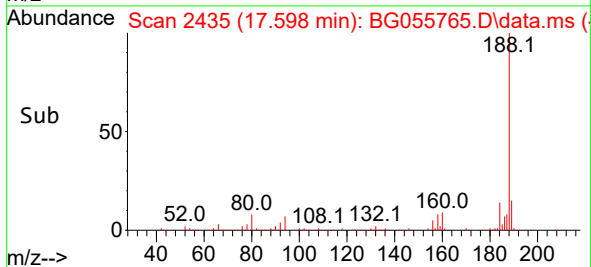
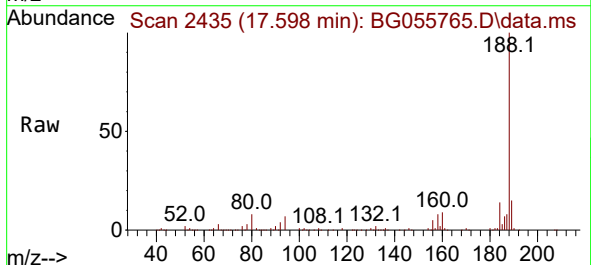
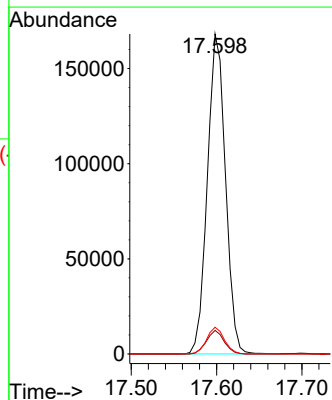
Tgt Ion:188 Resp: 248179

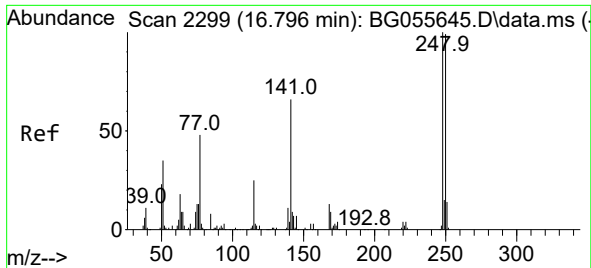
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.4 6.6 10.0

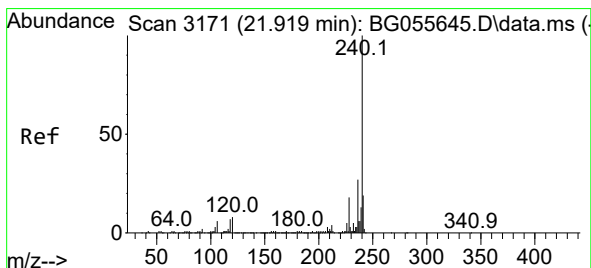
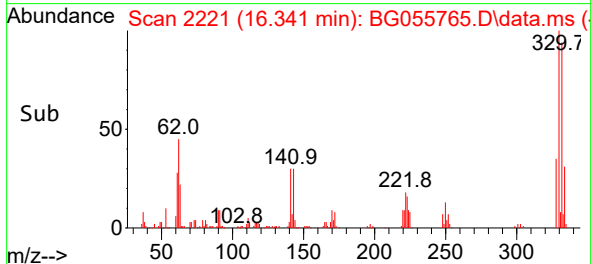
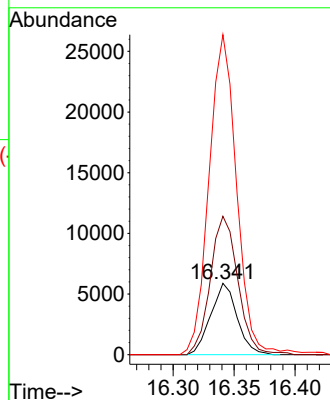
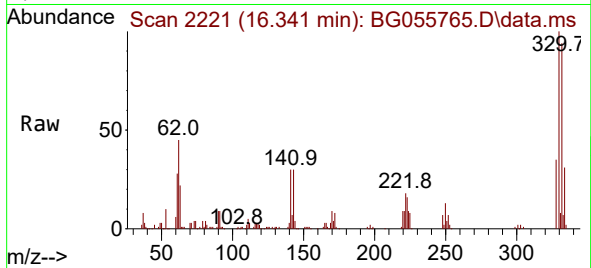




#67
4-Bromophenyl-phenylether
Concen: 3.133 ng
RT: 16.341 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

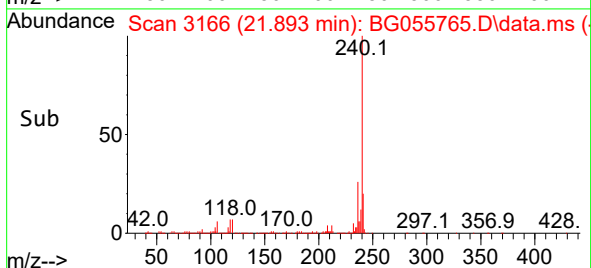
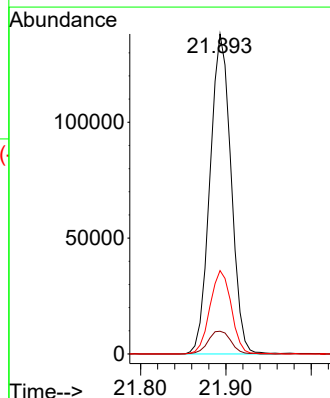
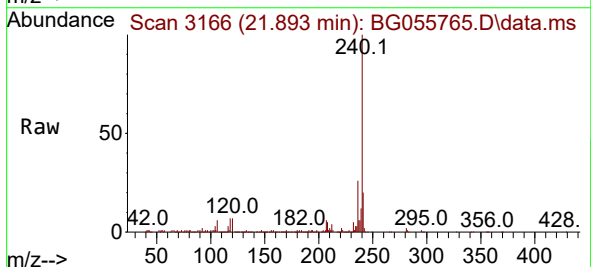
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

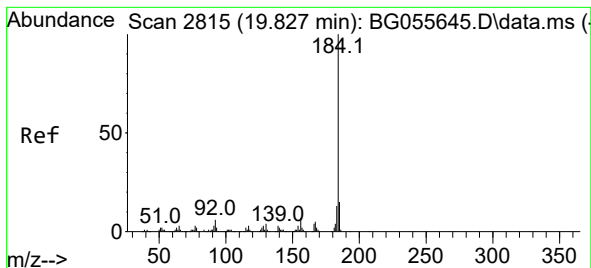
Tgt Ion:248 Resp: 8860
Ion Ratio Lower Upper
248 100
250 194.0 79.0 118.4#
141 448.7 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Tgt Ion:240 Resp: 236764
Ion Ratio Lower Upper
240 100
120 7.1 6.3 9.5
236 26.0 21.9 32.9





#77

Benzidine

Concen: 2.052 ng

RT: 20.183 min Scan# 2875

Delta R.T. 0.367 min

Lab File: BG055765.D

Acq: 23 Nov 2022 21:40

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-4

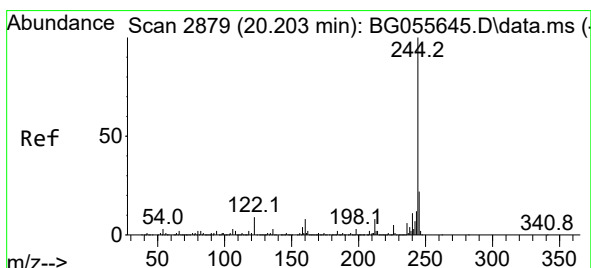
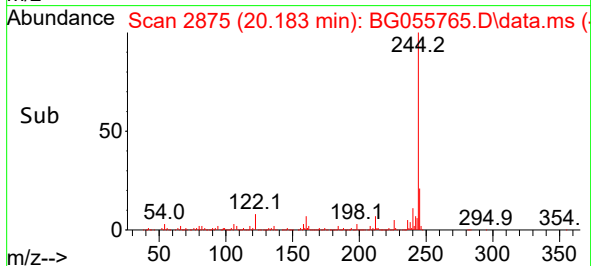
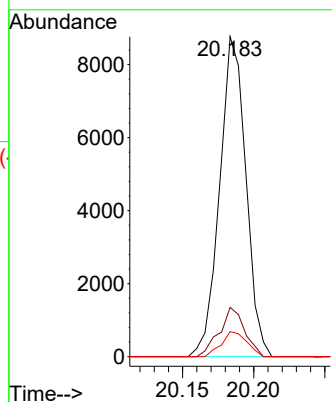
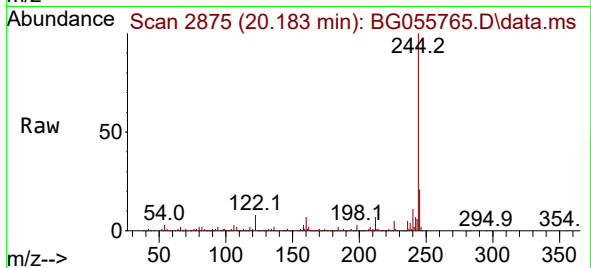
Tgt Ion:184 Resp: 11242

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

183 7.9 10.6 15.8#



#79

Terphenyl-d14

Concen: 62.954 ng

RT: 20.183 min Scan# 2875

Delta R.T. -0.009 min

Lab File: BG055765.D

Acq: 23 Nov 2022 21:40

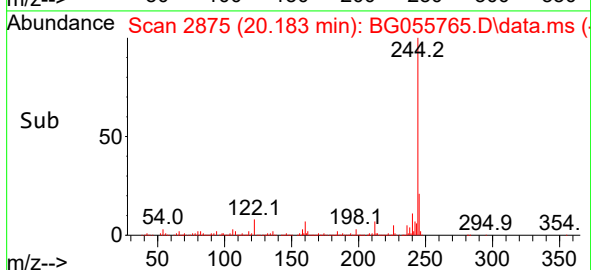
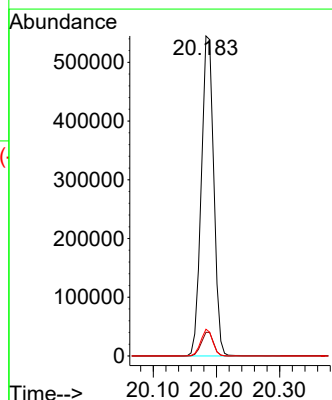
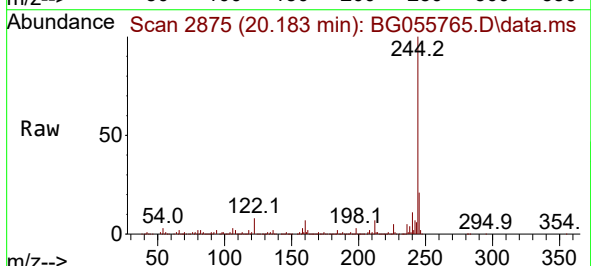
Tgt Ion:244 Resp: 745214

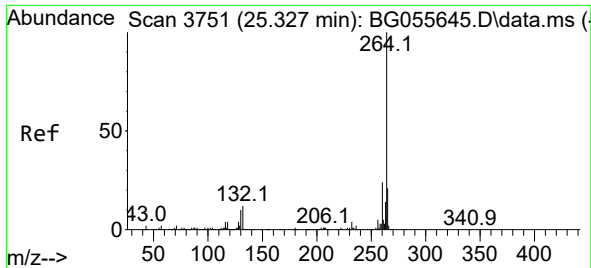
Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

122 8.4 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.295 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055765.D
Acq: 23 Nov 2022 21:40

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-4

Tgt Ion:264 Resp: 251812

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.3	17.1	25.7

