

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057501.D
 Acq On : 22 May 2023 20:03
 Operator : CG/JU
 Sample : 02864-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BIN

Quant Time: May 23 04:07:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

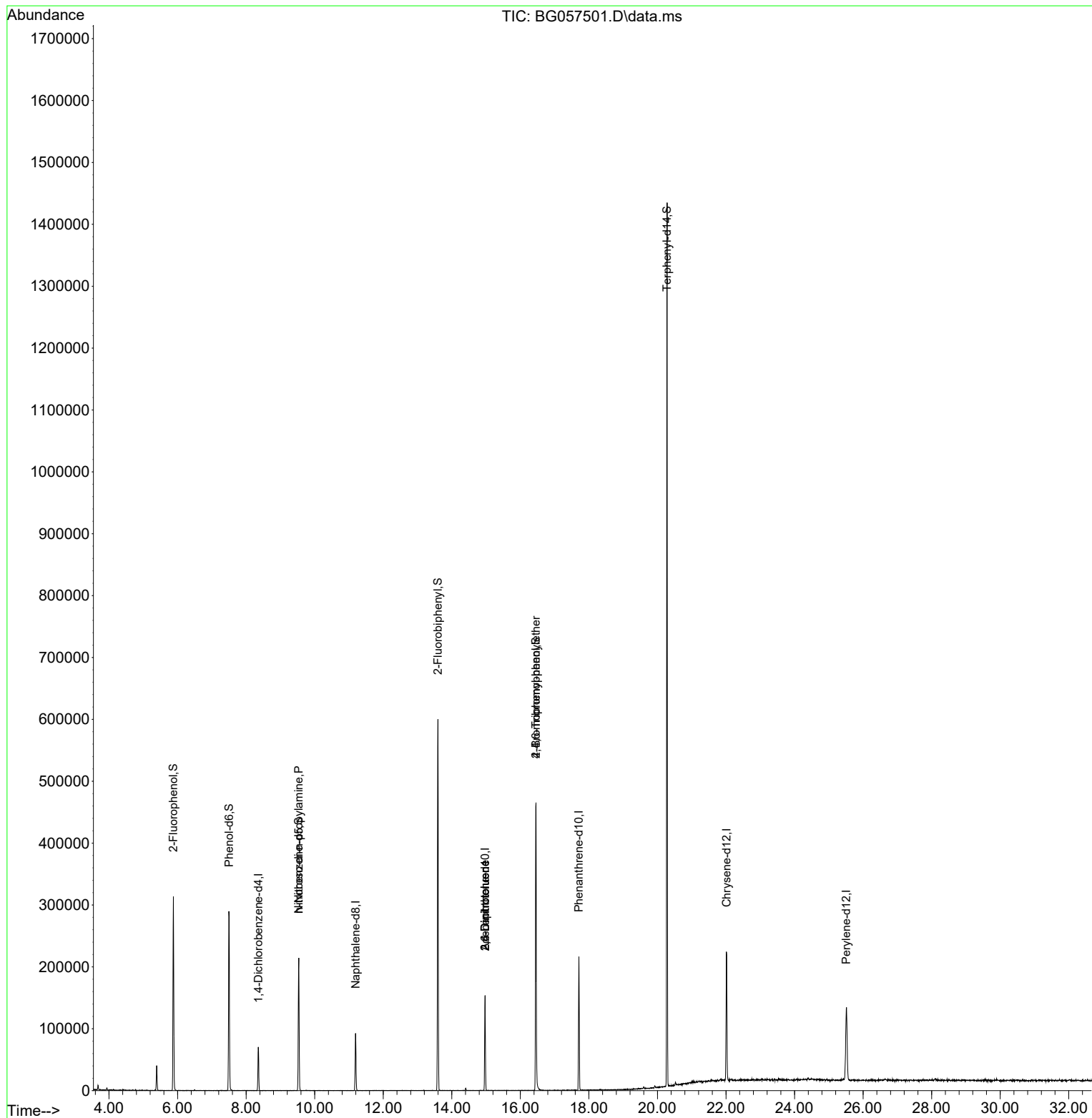
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	21012	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	77931	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	55616	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	145064	20.000	ng	0.00
76) Chrysene-d12	22.013	240	138410	20.000	ng	0.00
86) Perylene-d12	25.508	264	146880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	136194	110.877	ng	0.00
7) Phenol-d6	7.497	99	179124	96.031	ng	0.00
23) Nitrobenzene-d5	9.536	82	137009	73.788	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	106194	134.571	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	329902	79.889	ng	0.00
79) Terphenyl-d14	20.280	244	723206	85.269	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.497	77	285	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.536	70	19218	13.512	ng	# 78
51) 2,6-Dinitrotoluene	14.970	165	6964	7.463	ng	# 17
57) 2,4-Dinitrotoluene	14.970	165	6964	5.222	ng	# 20
67) 4-Bromophenyl-phenylether	16.456	248	7274	4.108	ng	# 1

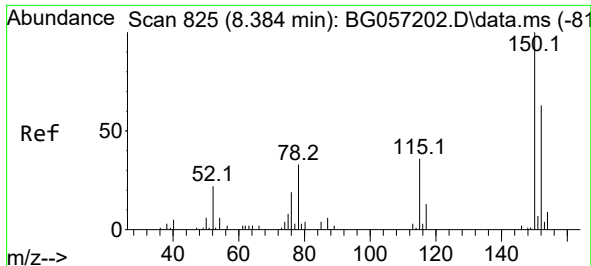
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057501.D
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Misc :
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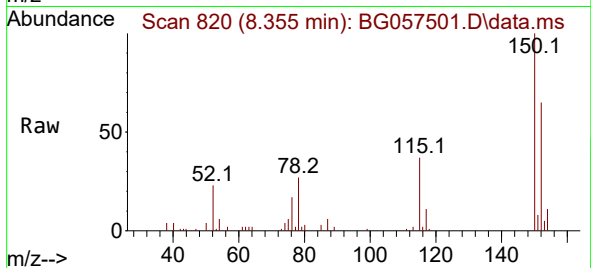
Quant Time: May 23 04:07:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
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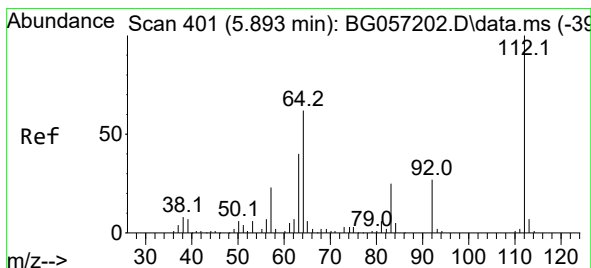
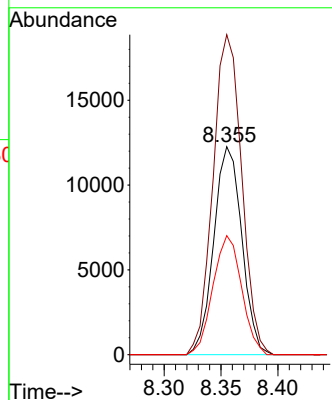
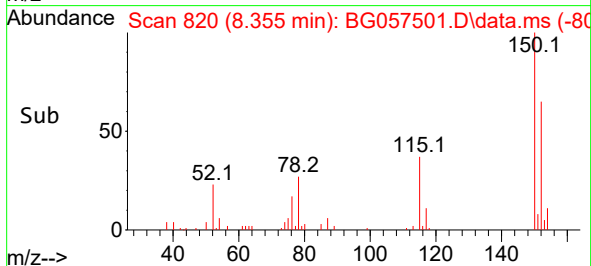


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

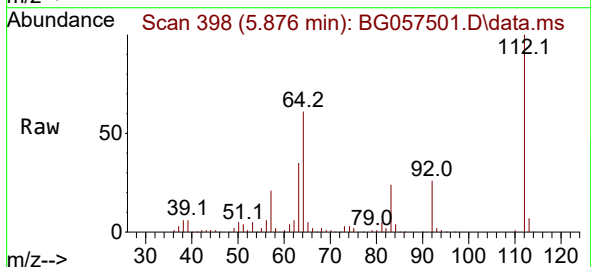
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN



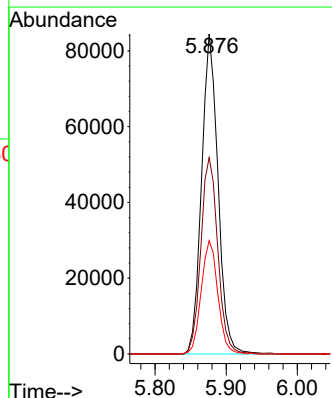
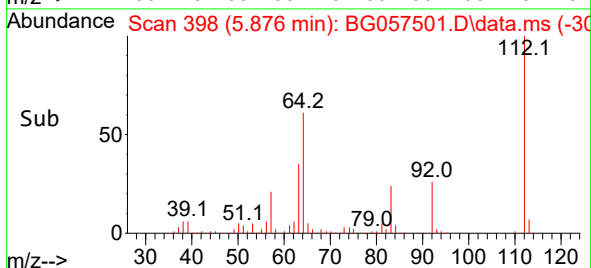
Tgt Ion:152 Resp: 21012
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.4
115 57.3 45.0 67.4

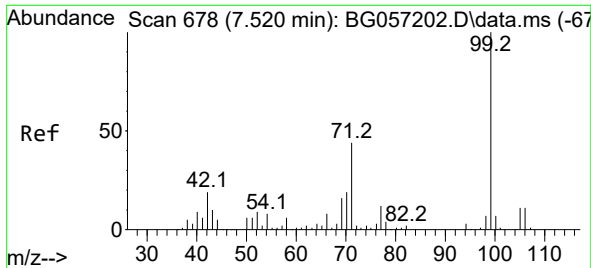


#5
2-Fluorophenol
Concen: 110.877 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03



Tgt Ion:112 Resp: 136194
Ion Ratio Lower Upper
112 100
64 61.4 49.4 74.2
63 35.4 31.6 47.4

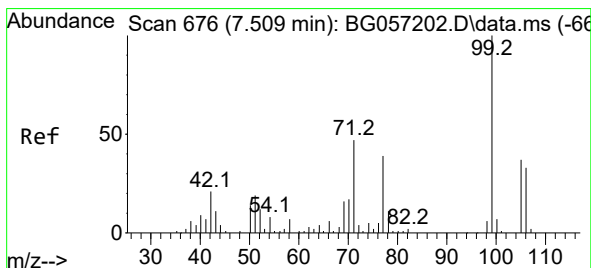
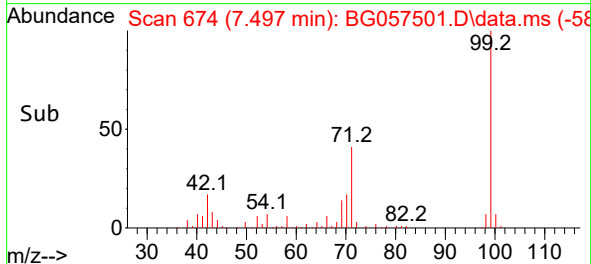
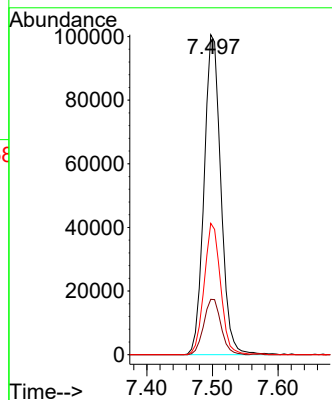
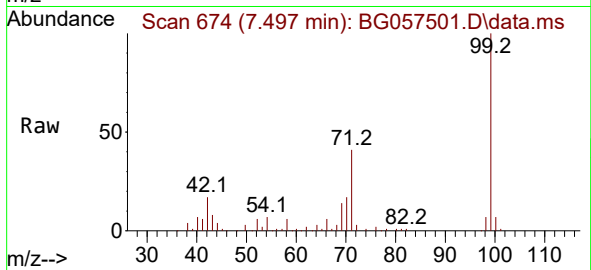




#7
Phenol-d6
Concen: 96.031 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

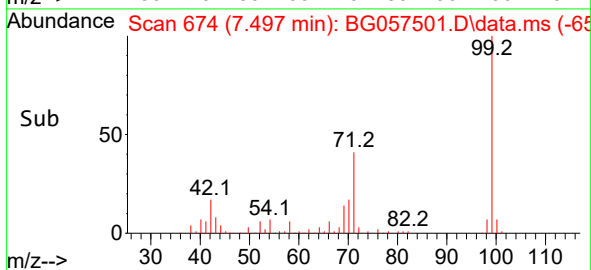
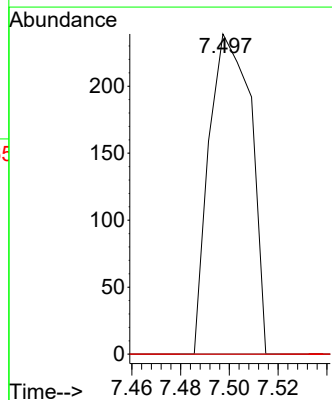
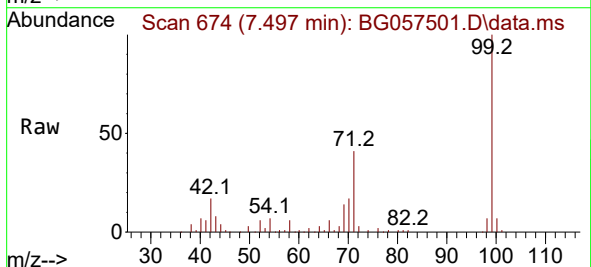
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

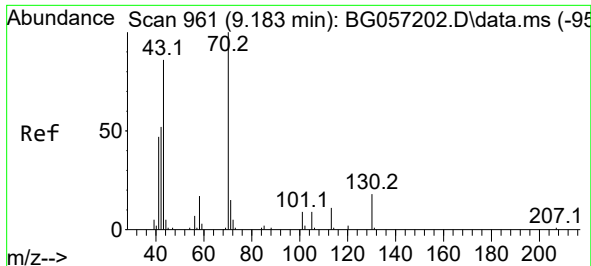
Tgt Ion: 99 Resp: 179124
Ion Ratio Lower Upper
99 100
42 17.3 15.1 22.7
71 41.0 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.497 min Scan# 674
Delta R.T. 0.011 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

Tgt Ion: 77 Resp: 285
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

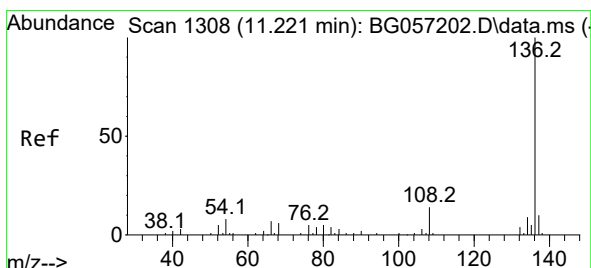
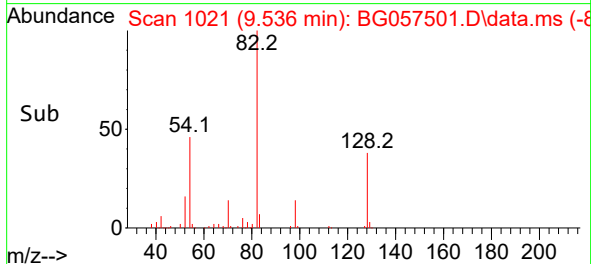
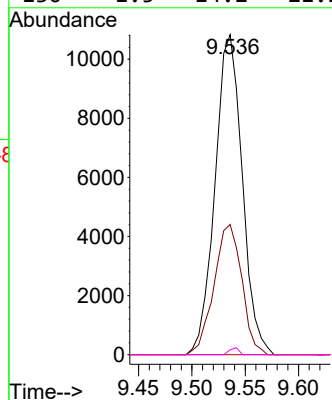
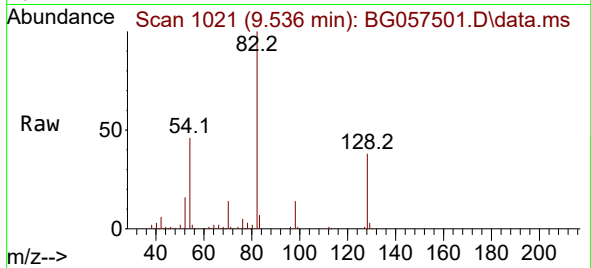




#19
n-Nitroso-di-n-propylamine
Concen: 13.512 ng
RT: 9.536 min Scan# 1021
Delta R.T. 0.375 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

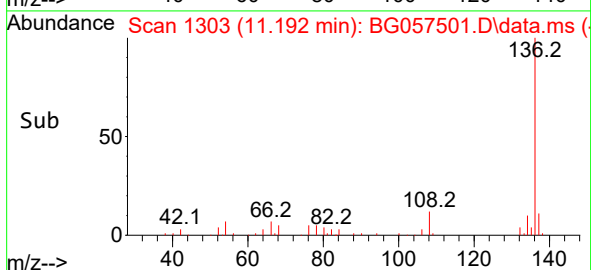
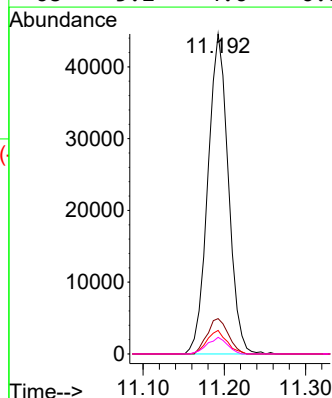
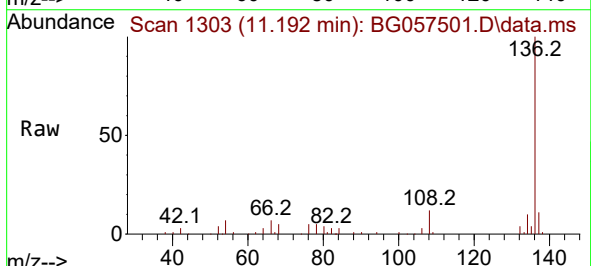
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

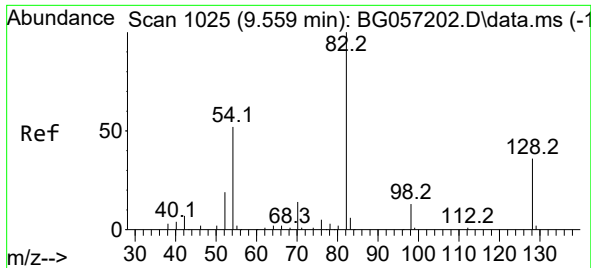
Tgt Ion: 70 Resp: 19218
Ion Ratio Lower Upper
70 100
42 40.7 41.8 62.8#
101 0.0 6.8 10.2#
130 1.5 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

Tgt Ion:136 Resp: 77931
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 7.3 6.7 10.1
68 5.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 73.788 ng

RT: 9.536 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BG057501.D

Acq: 22 May 2023 20:03

Instrument :

BNA_G

ClientSampleId :

SOIL-BIN

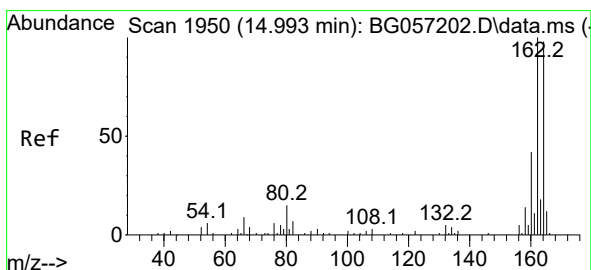
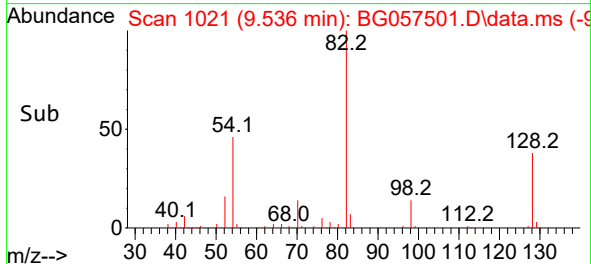
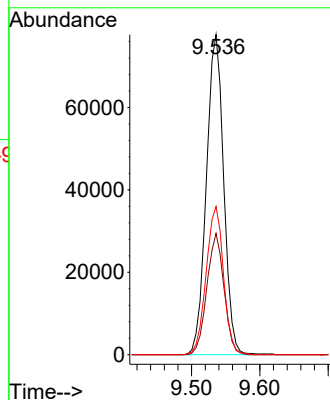
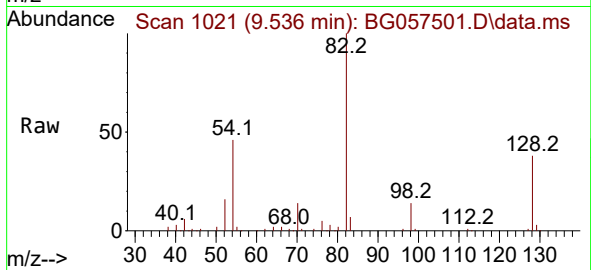
Tgt Ion: 82 Resp: 137009

Ion Ratio Lower Upper

82 100

128 37.9 29.0 43.4

54 46.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.970 min Scan# 1946

Delta R.T. -0.007 min

Lab File: BG057501.D

Acq: 22 May 2023 20:03

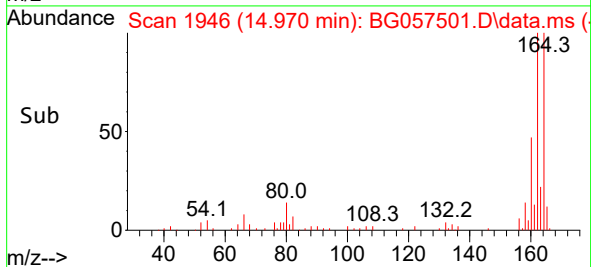
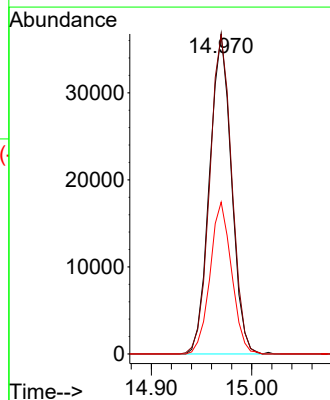
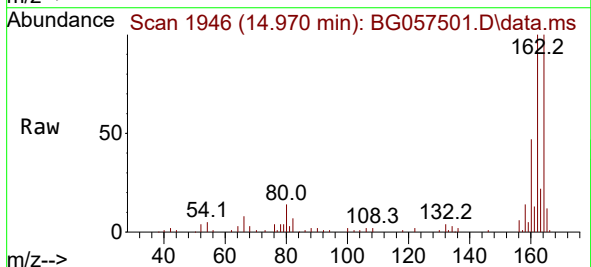
Tgt Ion:164 Resp: 55616

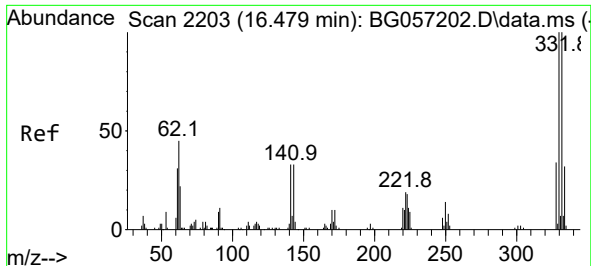
Ion Ratio Lower Upper

164 100

162 99.8 81.8 122.6

160 47.5 34.6 52.0

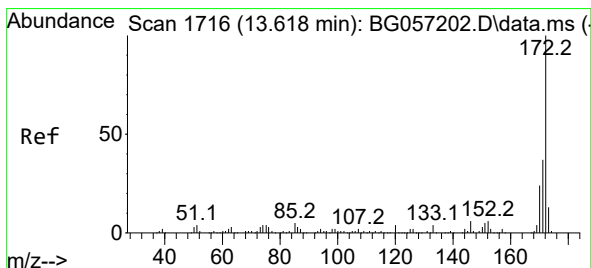
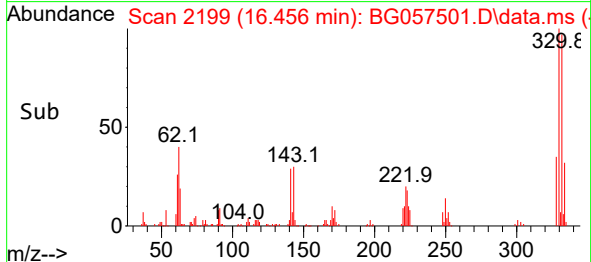
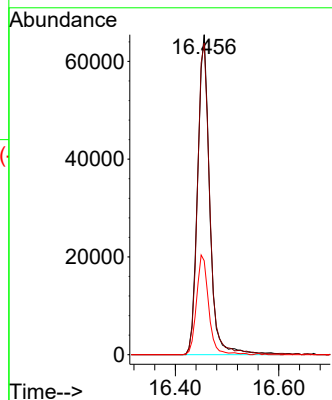
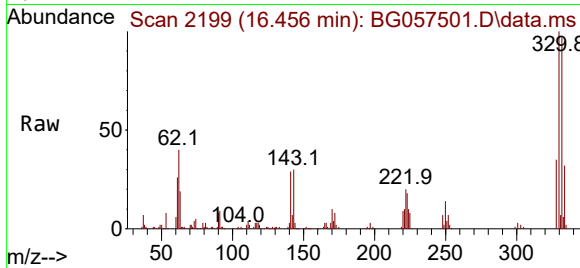




#42
2,4,6-Tribromophenol
Concen: 134.571 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

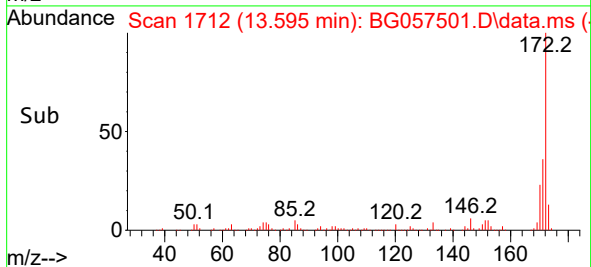
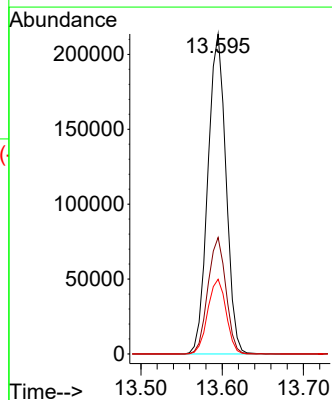
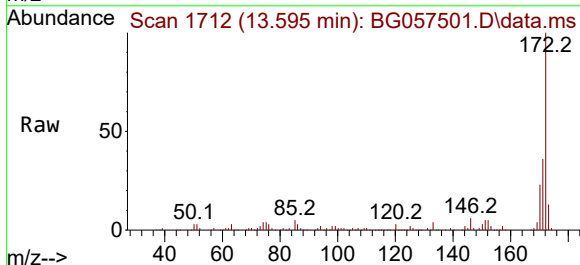
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

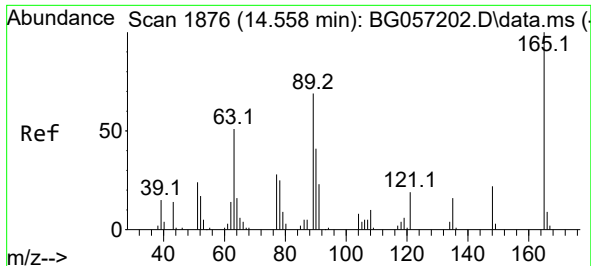
Tgt Ion:330 Resp: 106194
Ion Ratio Lower Upper
330 100
332 98.7 78.2 117.2
141 31.3 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 79.889 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

Tgt Ion:172 Resp: 329902
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 23.4 19.0 28.6

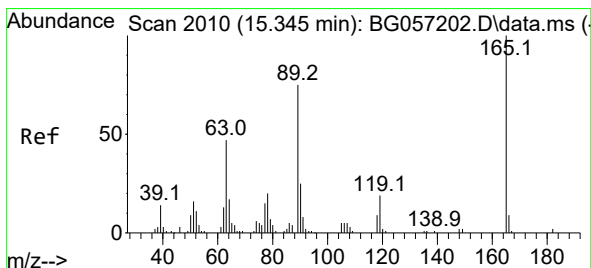
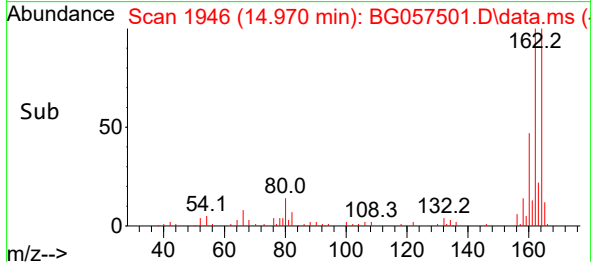
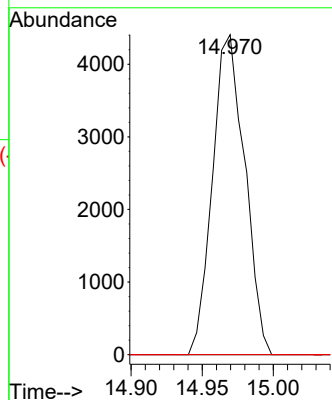
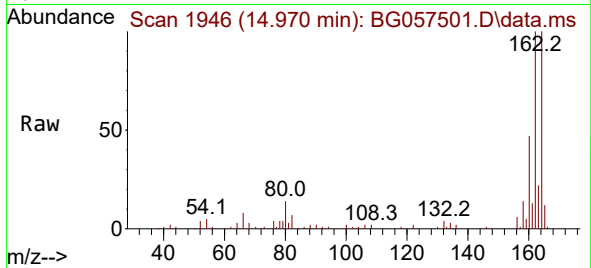




#51
2,6-Dinitrotoluene
Concen: 7.463 ng
RT: 14.970 min Scan# 1946
Delta R.T. 0.428 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

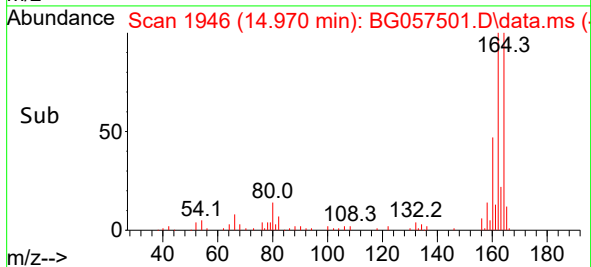
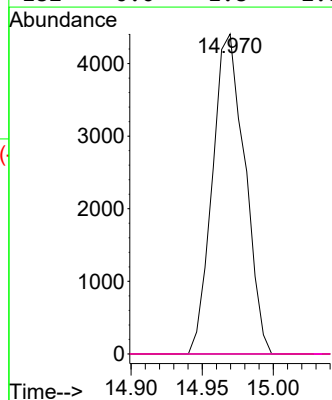
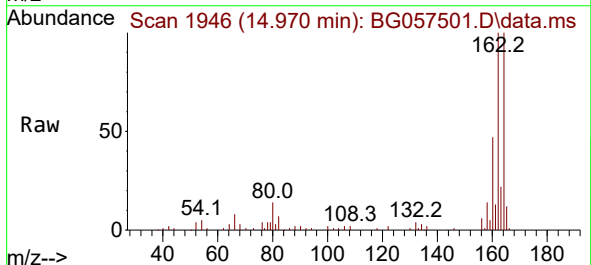
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

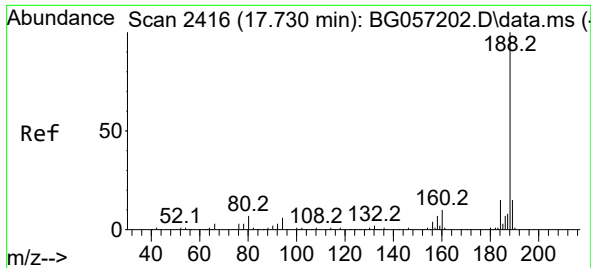
Tgt Ion:165 Resp: 6964
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.222 ng
RT: 14.970 min Scan# 1946
Delta R.T. -0.359 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

Tgt Ion:165 Resp: 6964
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#

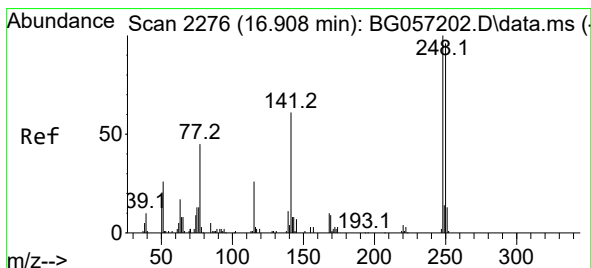
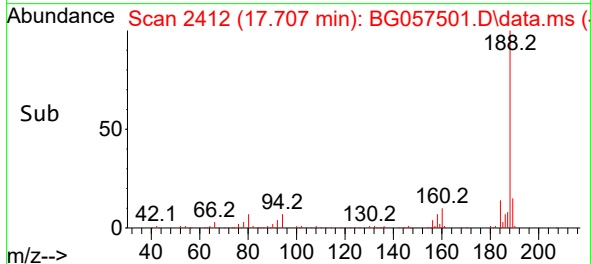
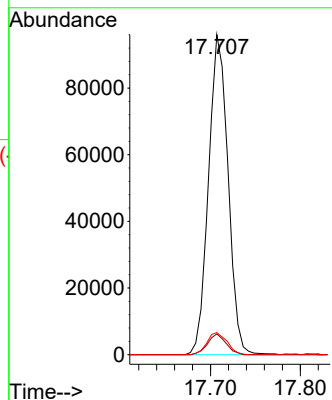
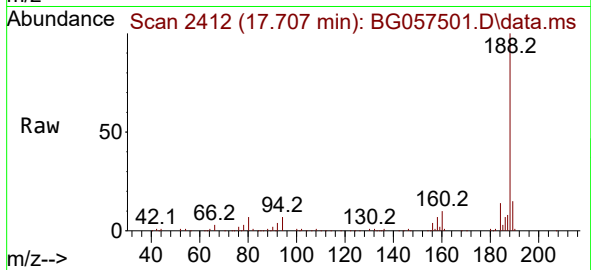




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

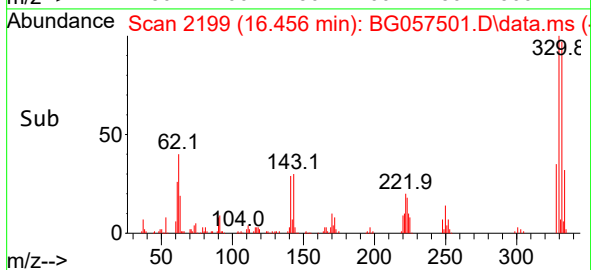
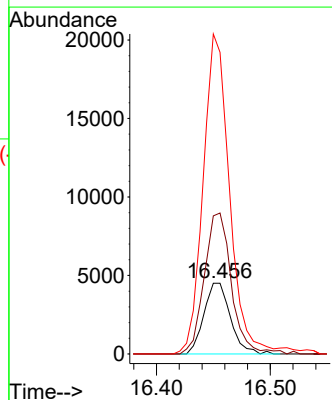
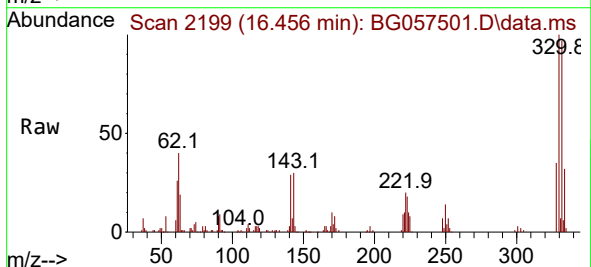
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

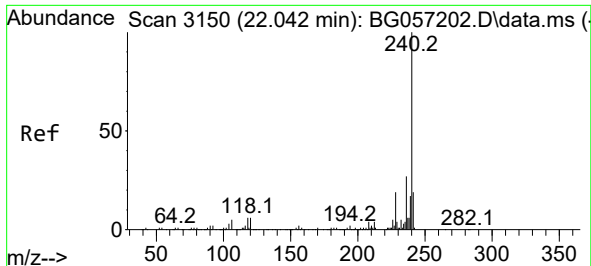
Tgt Ion:188 Resp: 145064
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 6.9 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 4.108 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.430 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

Tgt Ion:248 Resp: 7274
Ion Ratio Lower Upper
248 100
250 199.4 77.0 115.6#
141 426.3 48.6 72.8#

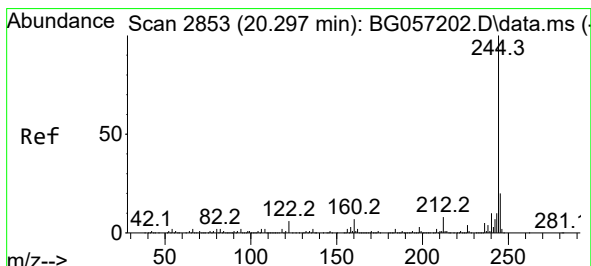
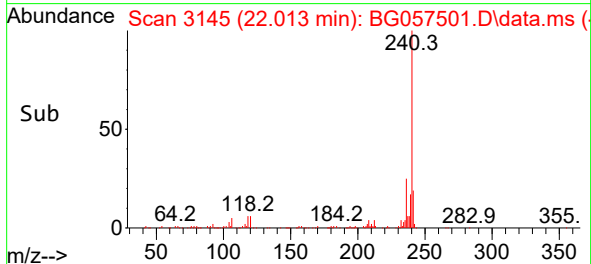
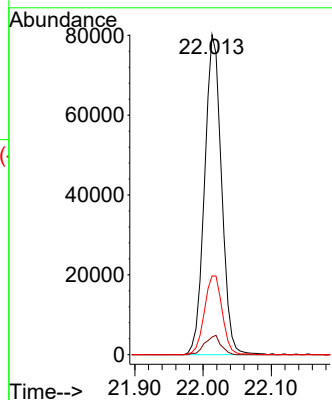
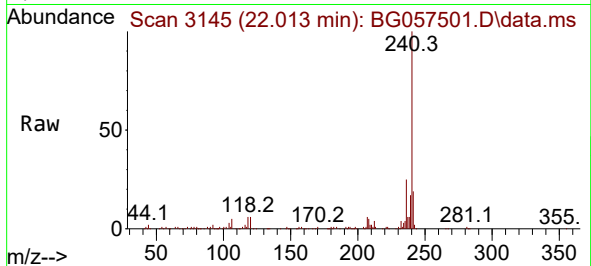




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

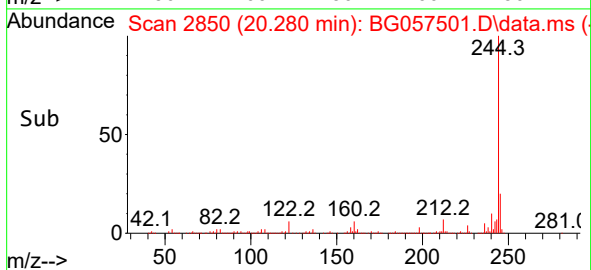
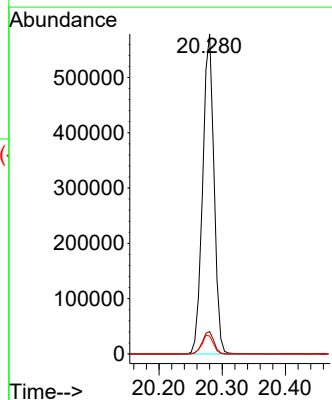
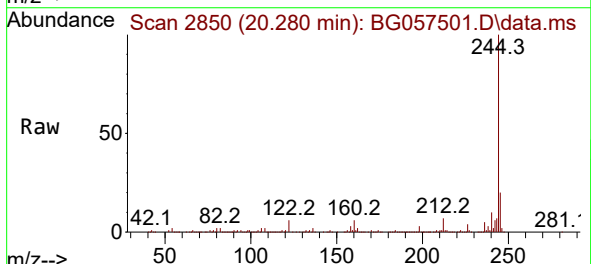
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

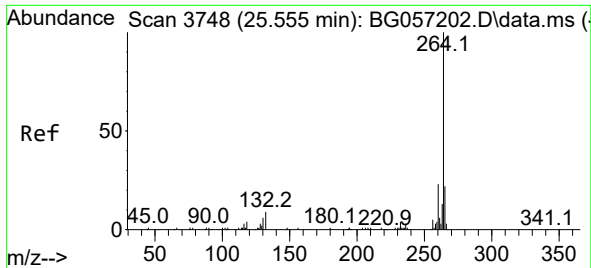
Tgt Ion:240 Resp: 138410
Ion Ratio Lower Upper
240 100
120 5.5 4.9 7.3
236 24.6 21.4 32.2



#79
Terphenyl-d14
Concen: 85.269 ng
RT: 20.280 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

Tgt Ion:244 Resp: 723206
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 5.6 5.1 7.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.508 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057501.D
Acq: 22 May 2023 20:03

Instrument :
BNA_G
ClientSampleId :
SOIL-BIN

Tgt Ion:264 Resp: 146880

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.8	28.2
265	22.1	17.9	26.9

