

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
 Data File : BG053530.D
 Acq On : 12 May 2022 11:24
 Operator : CG/JU
 Sample : N2656-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-TRIAZINE-SOIL

Quant Time: May 13 06:36:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

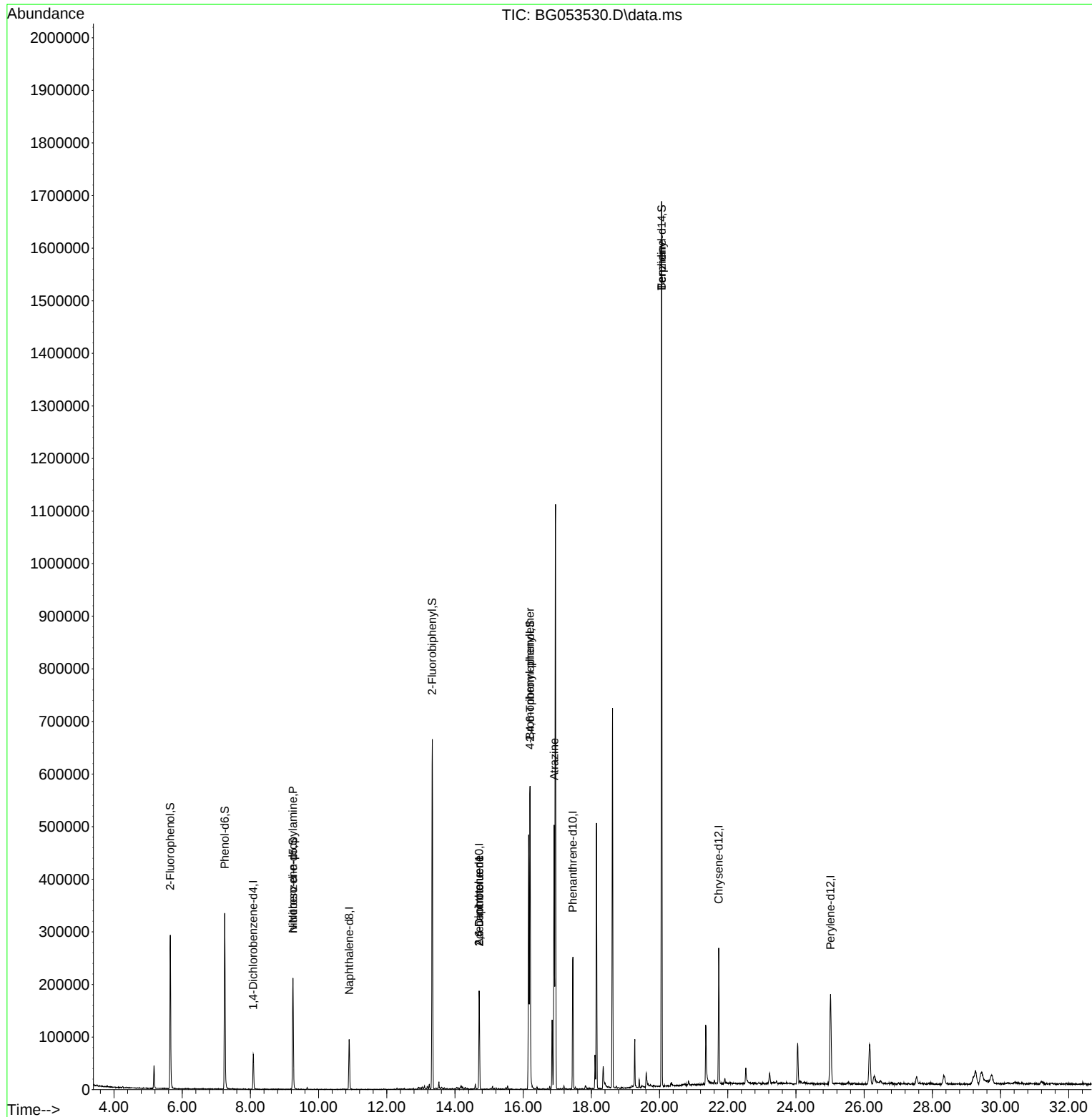
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	17868	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	81062	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	68093	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	165954	20.000	ng	0.00
76) Chrysene-d12	21.735	240	162183	20.000	ng	0.00
86) Perylene-d12	25.013	264	168507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	120637	114.583	ng	0.00
7) Phenol-d6	7.249	99	195930	122.622	ng	0.00
23) Nitrobenzene-d5	9.246	82	142290	74.721	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	121281	120.763	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	354004	75.969	ng	0.00
79) Terphenyl-d14	20.061	244	834575	95.841	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	19055	16.621	ng	# 82
51) 2,6-Dinitrotoluene	14.710	165	8480	8.044	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	8480	5.549	ng	# 21
67) 4-Bromophenyl-phenylether	16.196	248	8244	4.254	ng	# 1
69) Atrazine	16.907	200	106823	58.237	ng	# 98
77) Benzydine	20.061	184	15054	4.307	ng	# 93

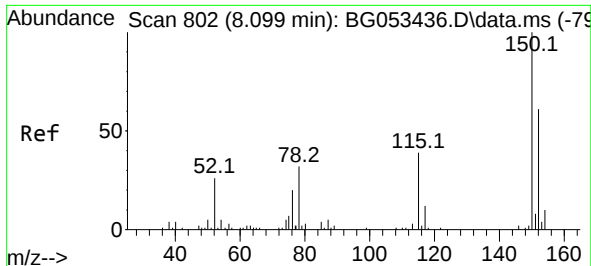
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
Data File : BG053530.D
Acq On : 12 May 2022 11:24
Operator : CG/JU
Sample : N2656-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

Quant Time: May 13 06:36:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

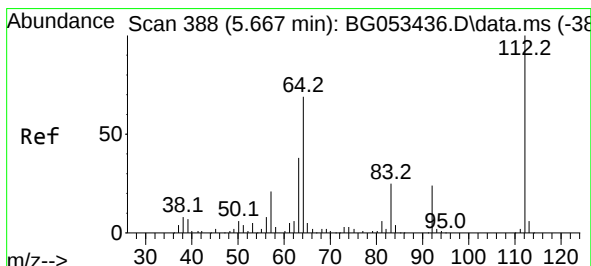
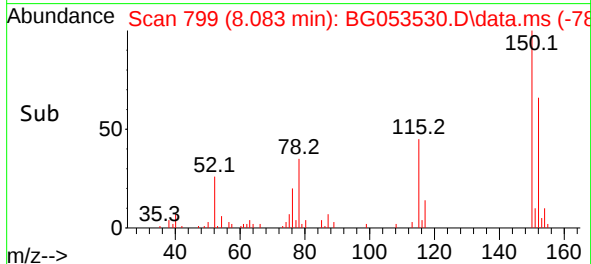
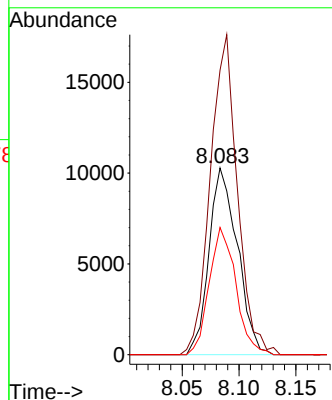
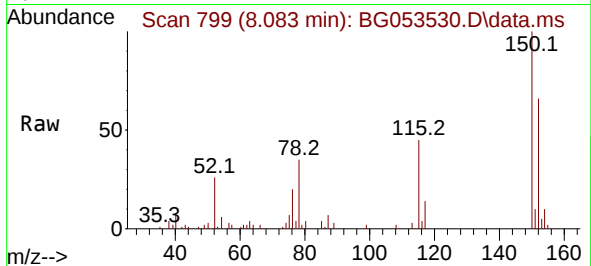




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

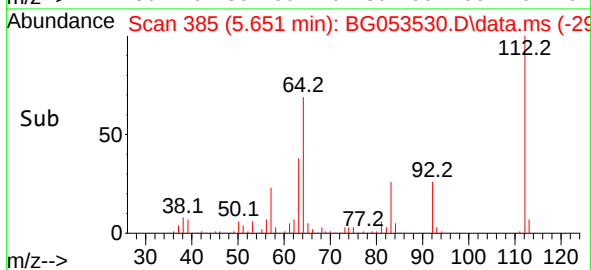
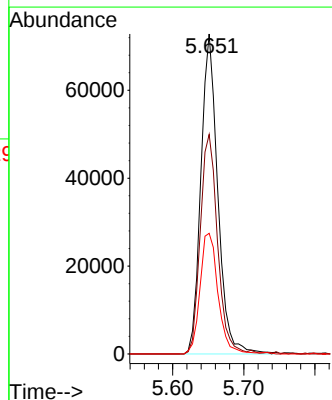
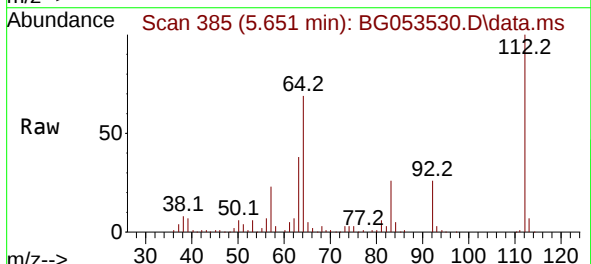
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

Tgt Ion:152 Resp: 17868
Ion Ratio Lower Upper
152 100
150 152.4 131.6 197.4
115 68.1 50.9 76.3



#5
2-Fluorophenol
Concen: 114.583 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

Tgt Ion:112 Resp: 120637
Ion Ratio Lower Upper
112 100
64 68.6 55.1 82.7
63 37.7 30.4 45.6

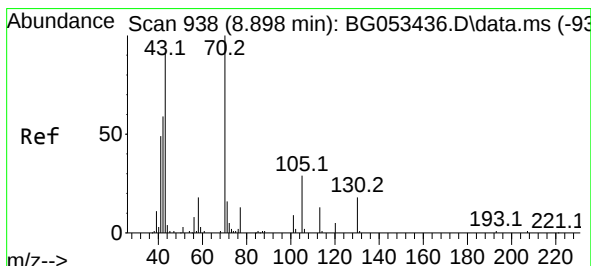
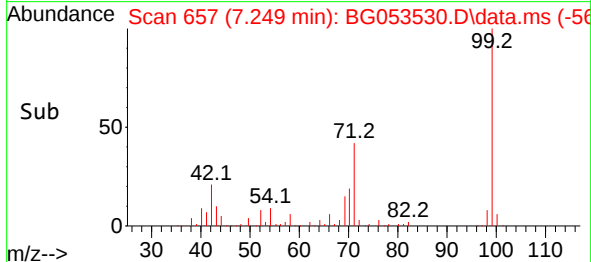
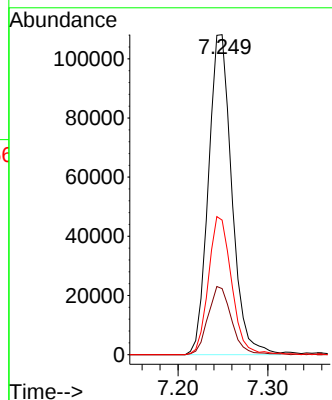
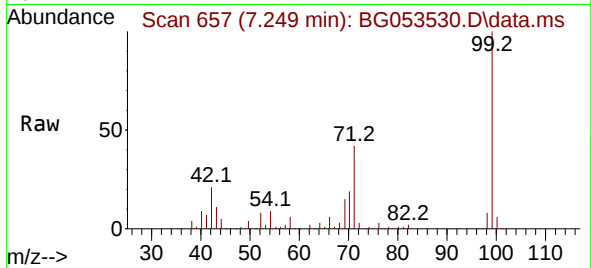




#7
Phenol-d6
Concen: 122.622 ng
RT: 7.249 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

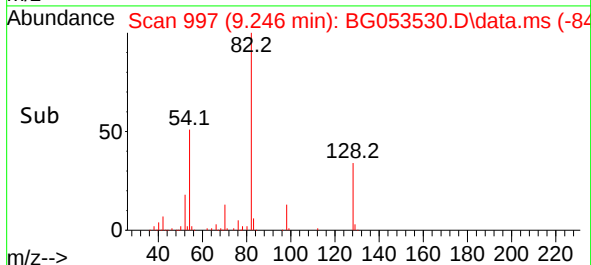
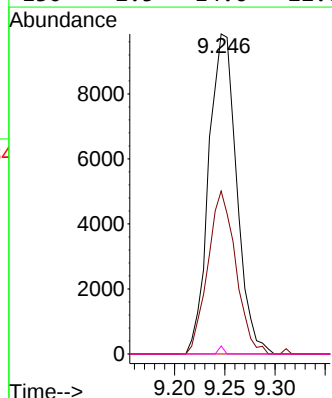
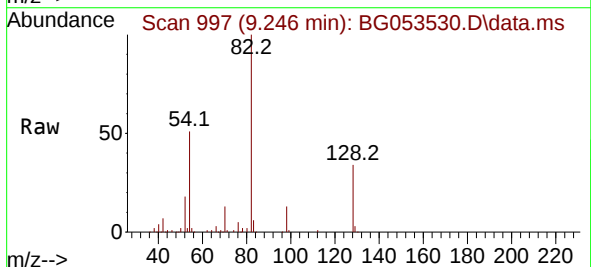
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

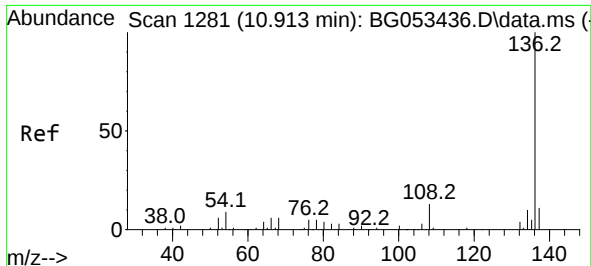
Tgt Ion: 99 Resp: 195930
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 42.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.621 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.358 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

Tgt Ion: 70 Resp: 19055
Ion Ratio Lower Upper
70 100
42 50.9 47.3 70.9
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#

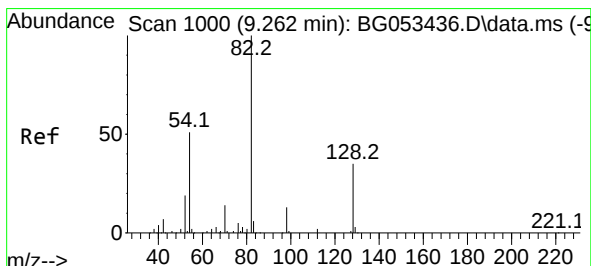
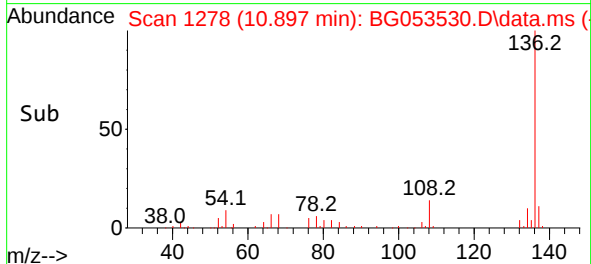
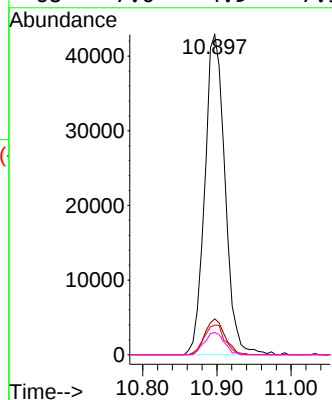
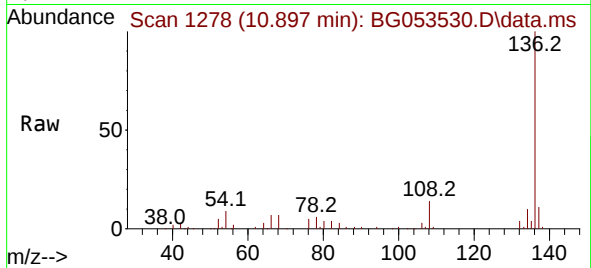




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

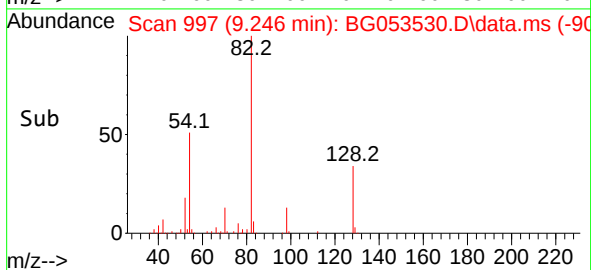
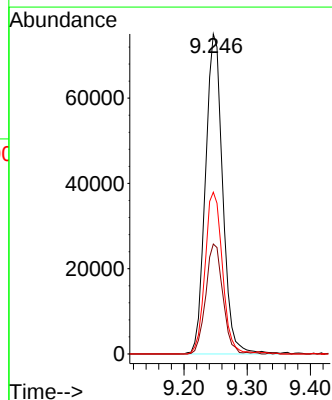
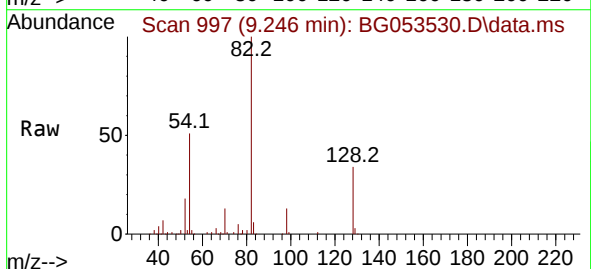
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

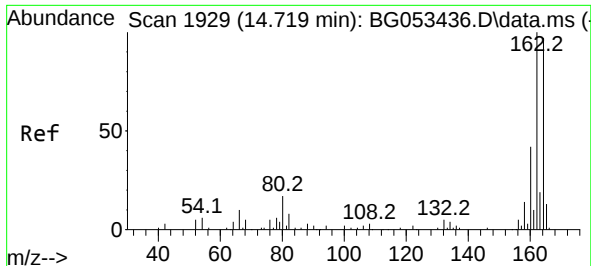
Tgt Ion:136	Resp:	81062
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	9.3	7.4 11.2
68	7.0	4.9 7.3



#23
Nitrobenzene-d5
Concen: 74.721 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

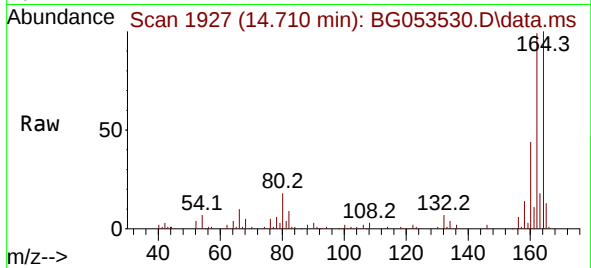
Tgt Ion: 82	Resp:	142290
Ion Ratio	Lower	Upper
82	100	
128	34.3	27.9 41.9
54	50.5	41.2 61.8



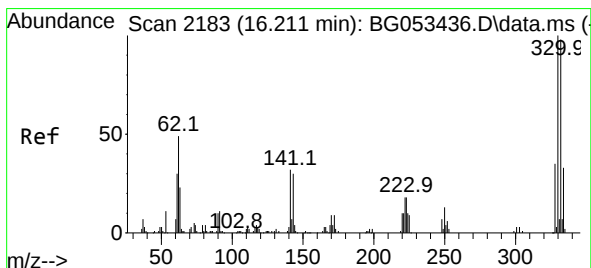
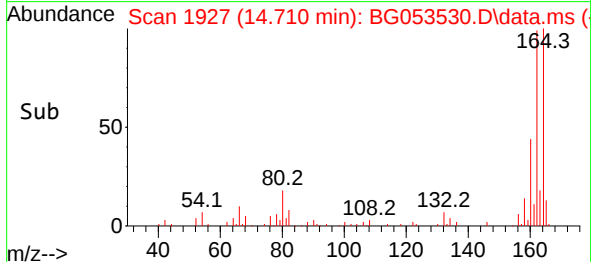
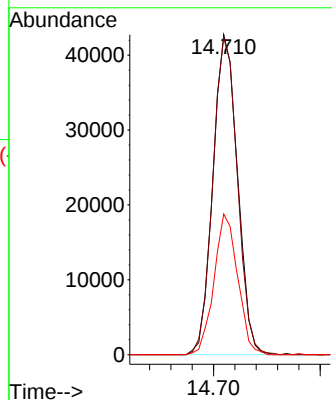


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

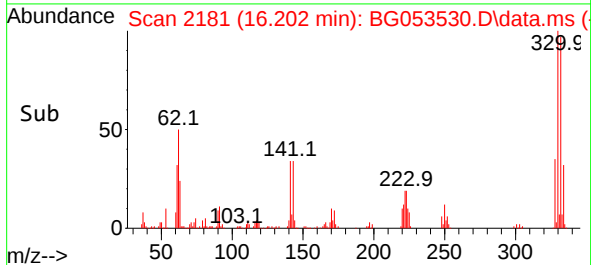
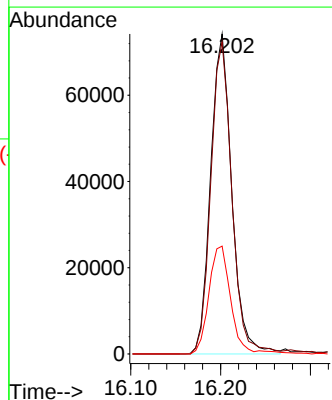
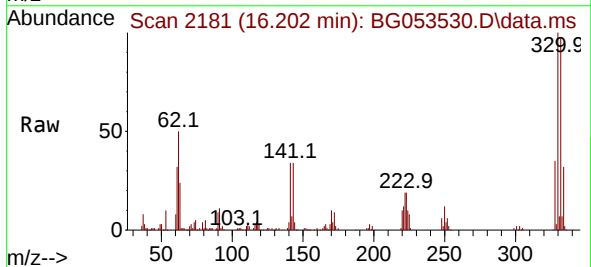


Tgt Ion:164 Resp: 68093
Ion Ratio Lower Upper
164 100
162 99.0 82.3 123.5
160 44.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 120.763 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

Tgt Ion:330 Resp: 121281
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 35.2 27.1 40.7

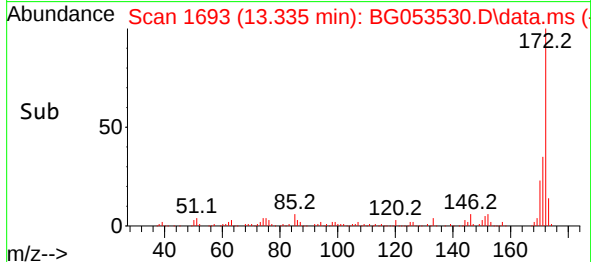
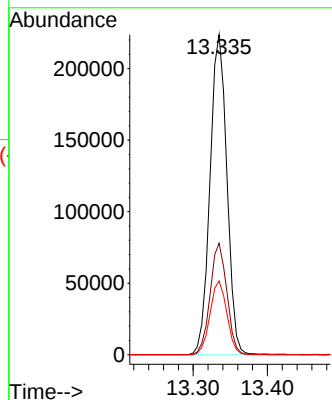
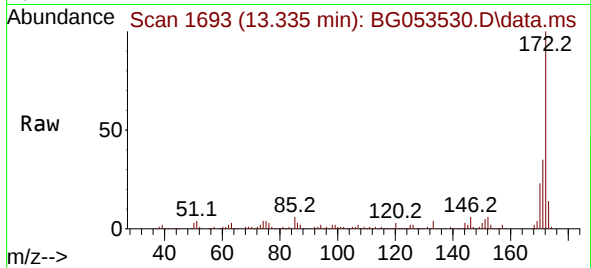




#45
2-Fluorobiphenyl
Concen: 75.969 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

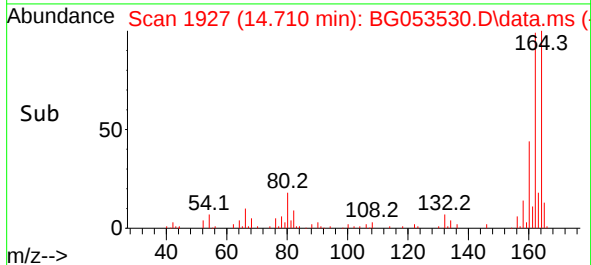
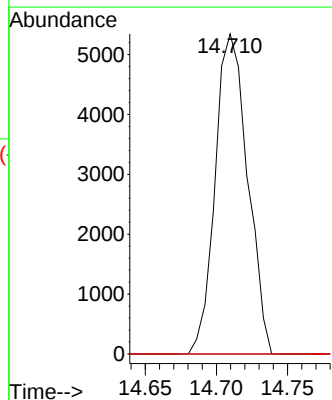
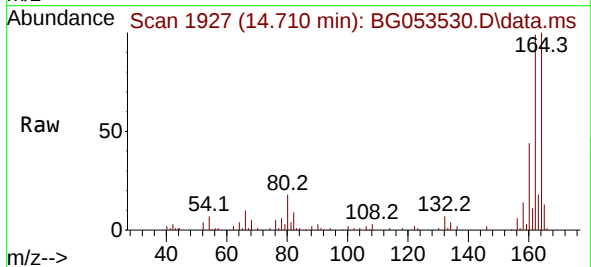
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

Tgt Ion:172 Resp: 354004
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.429 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

Tgt Ion:165 Resp: 8480
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.549 ng

RT: 14.710 min Scan# 1991

Delta R.T. -0.365 min

Lab File: BG053530.D

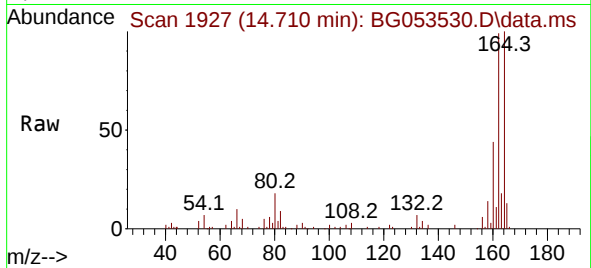
Acq: 12 May 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PT-TRIAZINE-SOIL



Tgt Ion:165 Resp: 8480

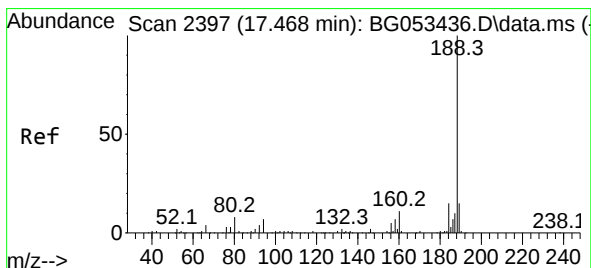
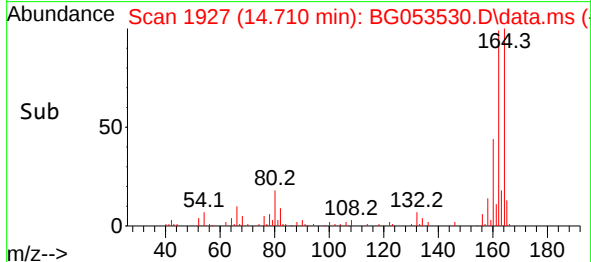
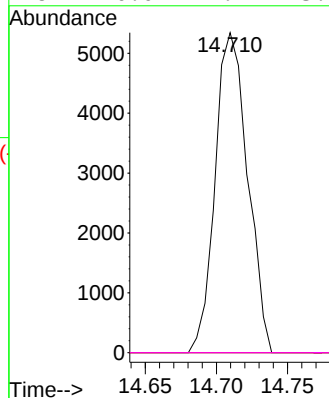
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.459 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BG053530.D

Acq: 12 May 2022 11:24

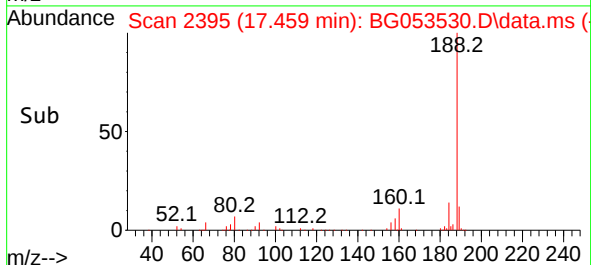
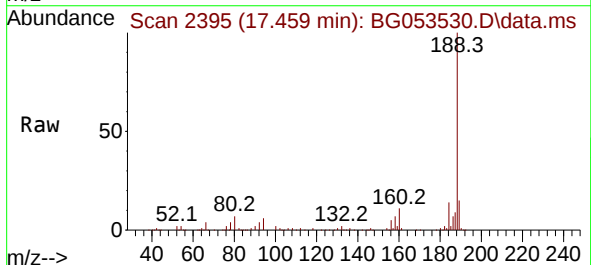
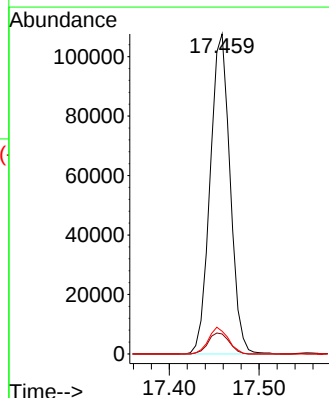
Tgt Ion:188 Resp: 165954

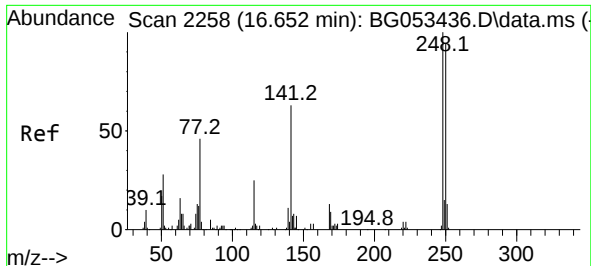
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.1 6.8 10.2

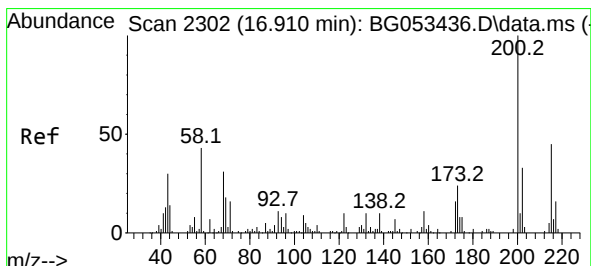
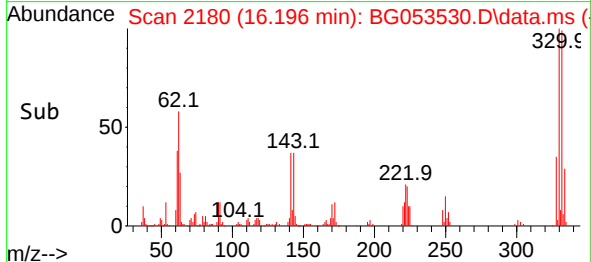
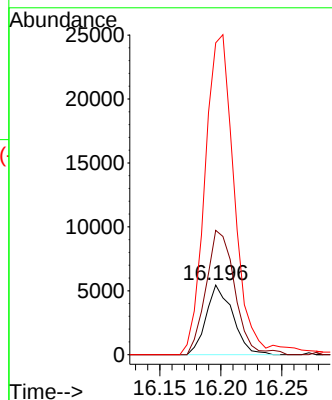
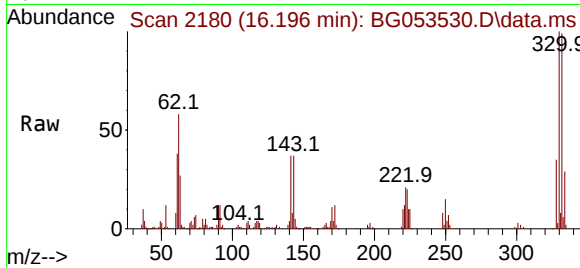




#67
4-Bromophenyl-phenylether
Concen: 4.254 ng
RT: 16.196 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

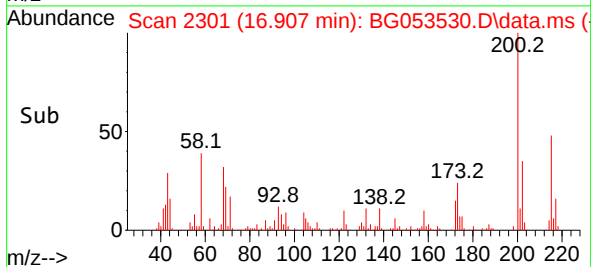
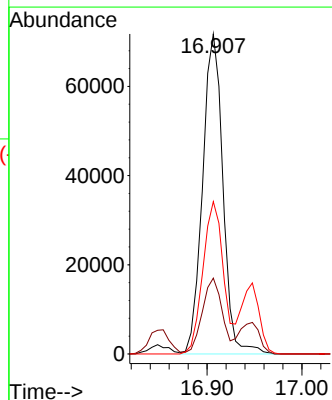
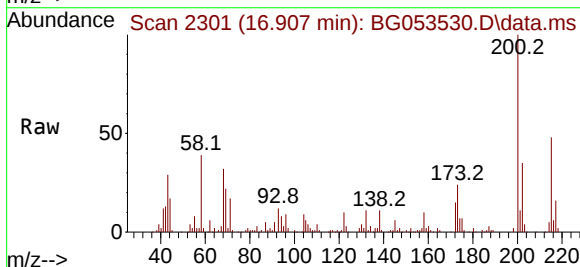
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

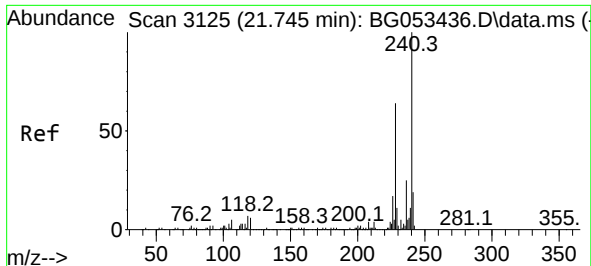
Tgt Ion:248 Resp: 8244
Ion Ratio Lower Upper
248 100
250 178.7 75.2 112.8#
141 448.6 50.0 75.0#



#69
Atrazine
Concen: 58.237 ng
RT: 16.907 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

Tgt Ion:200 Resp: 106823
Ion Ratio Lower Upper
200 100
173 23.7 3.7 43.7
215 47.6 25.2 65.2

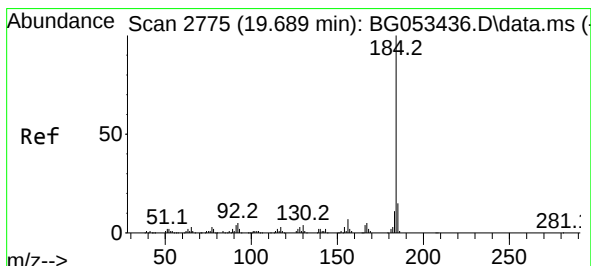
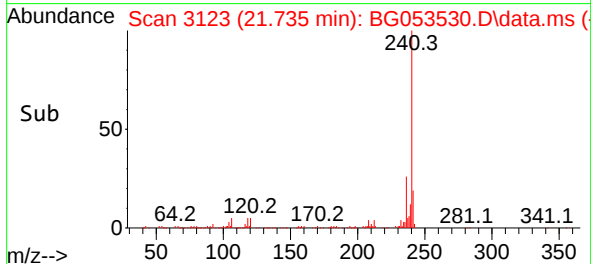
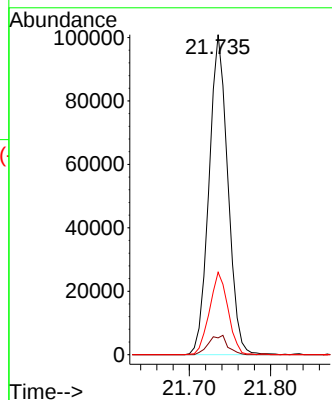
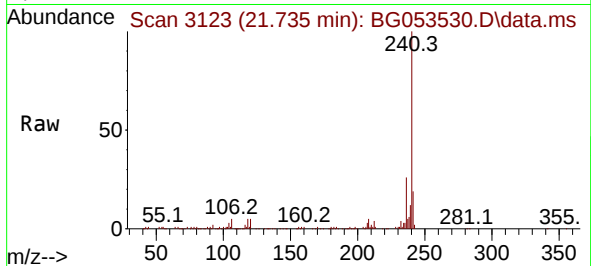




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.735 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

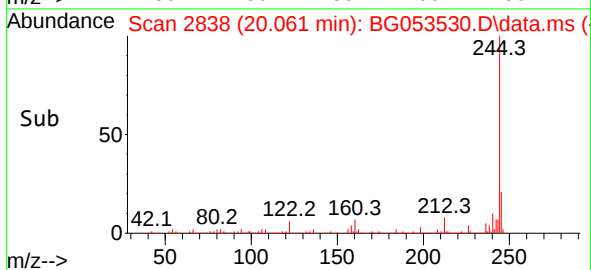
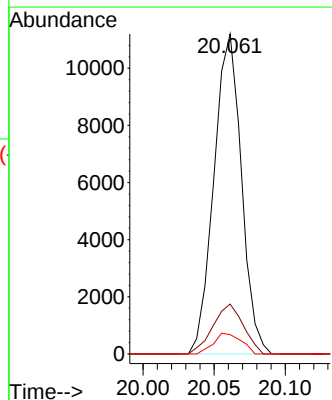
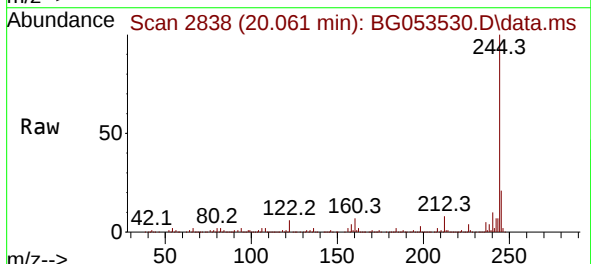
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

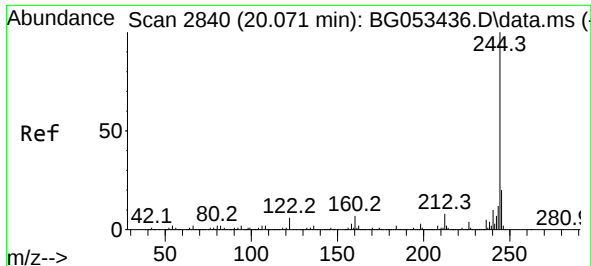
Tgt Ion:240 Resp: 162183
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 25.8 20.2 30.4



#77
Benzidine
Concen: 4.307 ng
RT: 20.061 min Scan# 2838
Delta R.T. 0.382 min
Lab File: BG053530.D
Acq: 12 May 2022 11:24

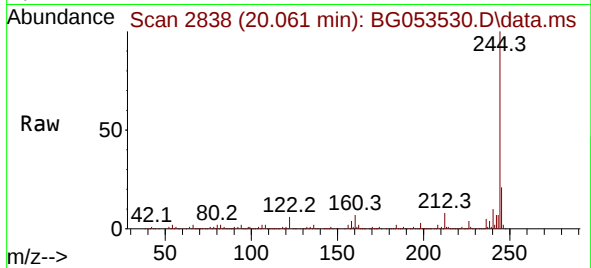
Tgt Ion:184 Resp: 15054
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 6.0 8.9 13.3#



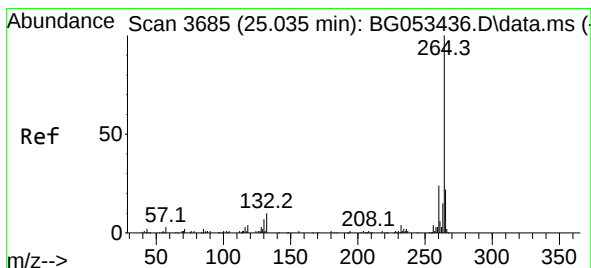
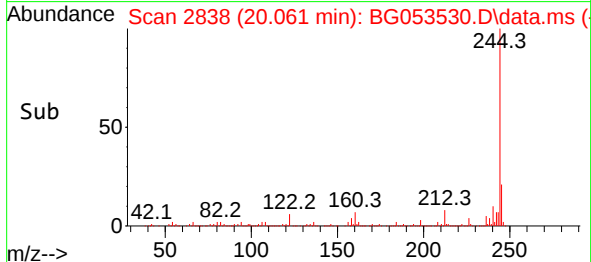
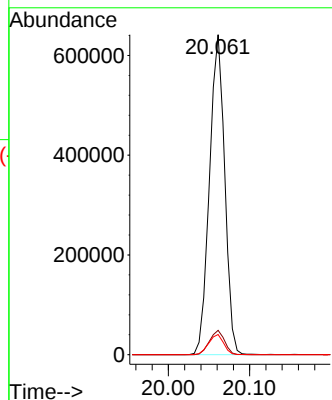


#79
 Terphenyl-d14
 Concen: 95.841 ng
 RT: 20.061 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053530.D
 Acq: 12 May 2022 11:24

Instrument :
 BNA_G
 ClientSampleId :
 PT-TRIAZINE-SOIL



Tgt Ion:244 Resp: 834575
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.013 min Scan# 3681
 Delta R.T. -0.006 min
 Lab File: BG053530.D
 Acq: 12 May 2022 11:24

Tgt Ion:264 Resp: 168507
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.0 28.6
 265 20.9 17.4 26.2

