

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051623\
 Data File : BG057440.D
 Acq On : 16 May 2023 11:12
 Operator : CG/JU
 Sample : 02500-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-TRIAZINE-SOIL

Quant Time: May 16 19:14:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

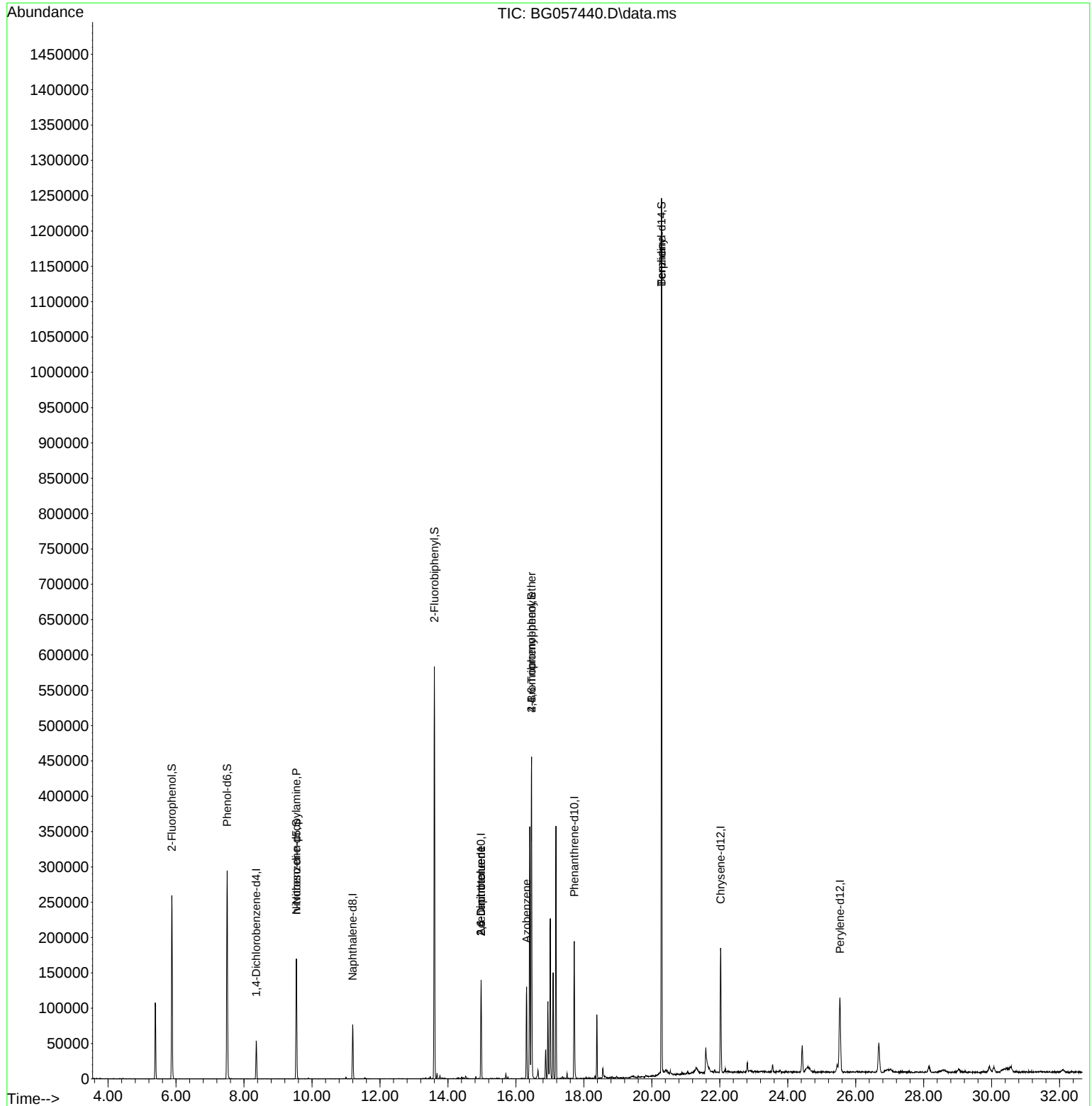
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	15518	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	64775	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	52593	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	130581	20.000	ng	0.00
76) Chrysene-d12	22.024	240	120292	20.000	ng	0.00
86) Perylene-d12	25.537	264	132223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	112497	124.010	ng	0.00
7) Phenol-d6	7.503	99	174757	126.860	ng	0.00
23) Nitrobenzene-d5	9.541	82	110966	71.900	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	96602	129.452	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	312255	79.962	ng	0.00
79) Terphenyl-d14	20.286	244	629147	85.352	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.509	77	364	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.541	70	15477	14.734	ng	# 79
51) 2,6-Dinitrotoluene	14.975	165	7069	8.011	ng	# 17
57) 2,4-Dinitrotoluene	14.975	165	7069	5.605	ng	# 20
63) Azobenzene	16.315	77	38786	9.159	ng	# 1
67) 4-Bromophenyl-phenylether	16.461	248	6879	4.315	ng	# 1
77) Benzidine	20.286	184	9281	3.451	ng	# 83

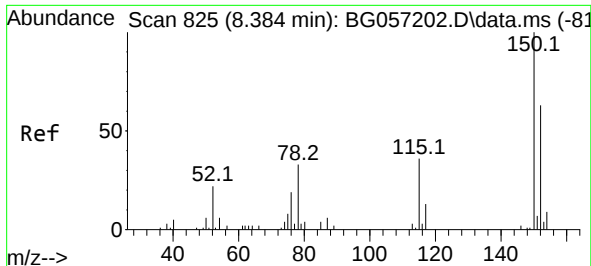
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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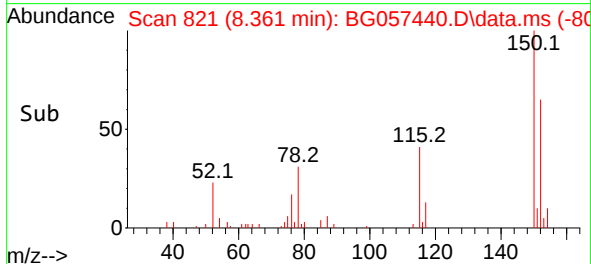
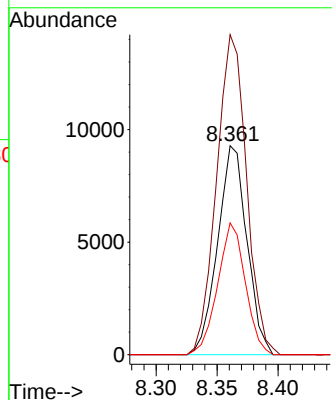
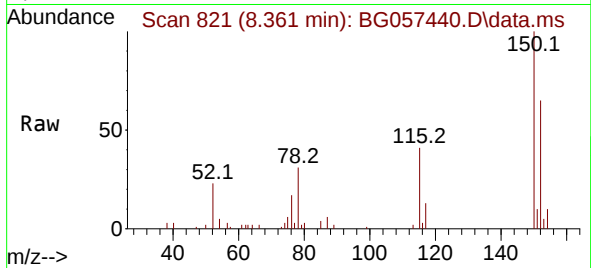




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

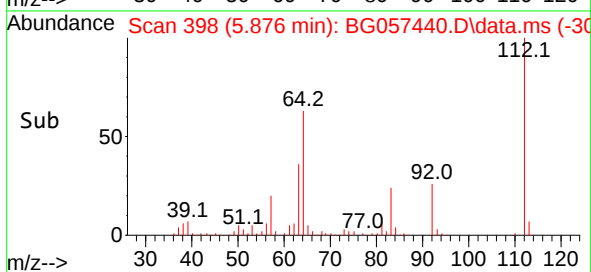
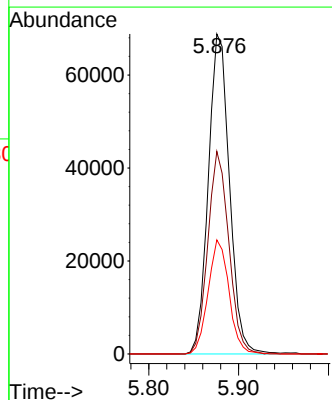
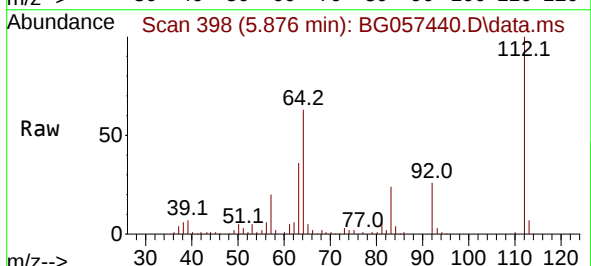
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

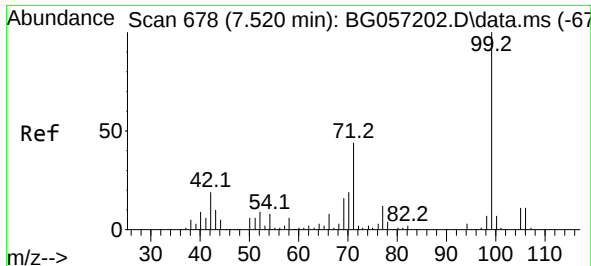
Tgt Ion:152 Resp: 15518
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.4
115 63.1 45.0 67.4



#5
2-Fluorophenol
Concen: 124.010 ng
RT: 5.876 min Scan# 398
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

Tgt Ion:112 Resp: 112497
Ion Ratio Lower Upper
112 100
64 63.3 49.4 74.2
63 35.6 31.6 47.4

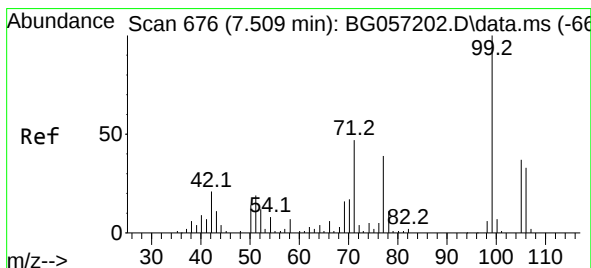
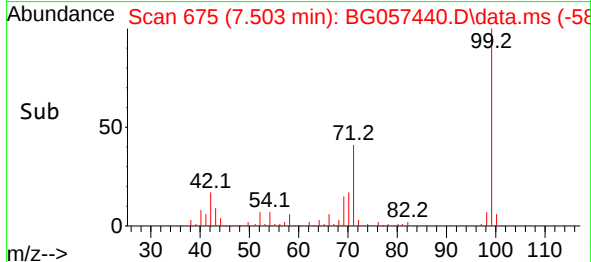
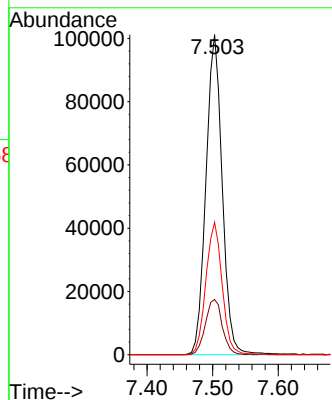
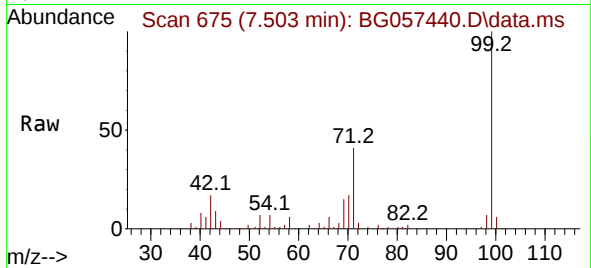




#7
Phenol-d6
Concen: 126.860 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

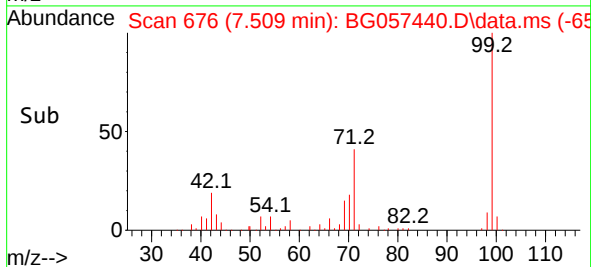
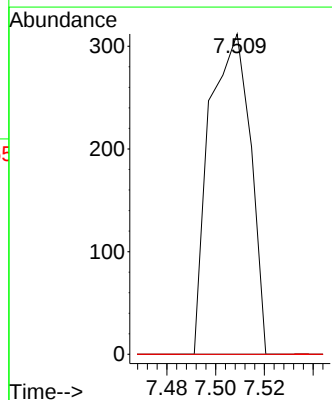
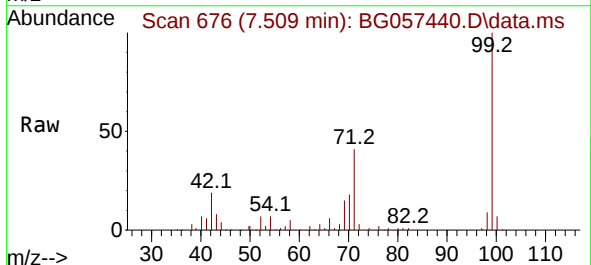
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

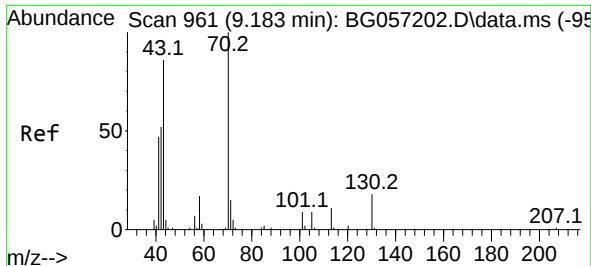
Tgt Ion: 99 Resp: 174757
Ion Ratio Lower Upper
99 100
42 17.3 15.1 22.7
71 41.4 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.509 min Scan# 676
Delta R.T. 0.021 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

Tgt Ion: 77 Resp: 364
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

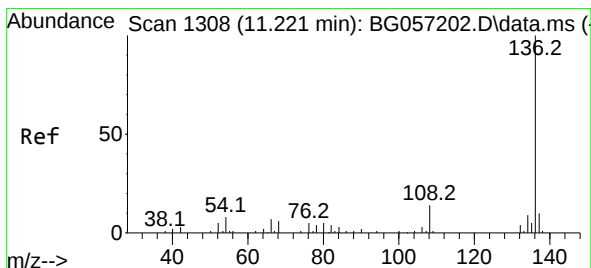
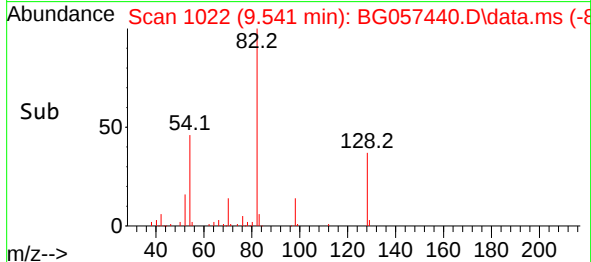
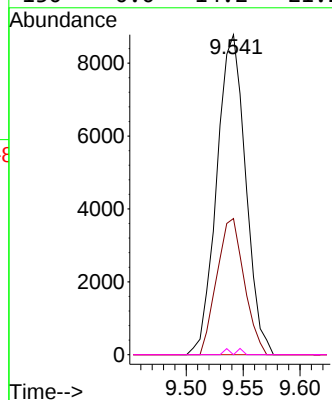
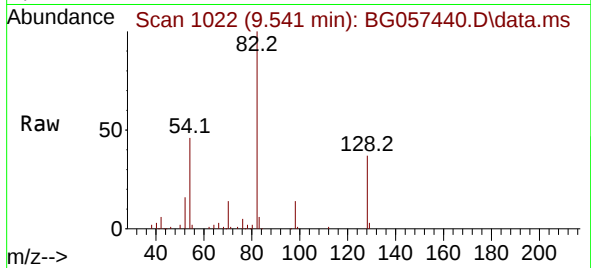




#19
n-Nitroso-di-n-propylamine
Concen: 14.734 ng
RT: 9.541 min Scan# 1022
Delta R.T. 0.373 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

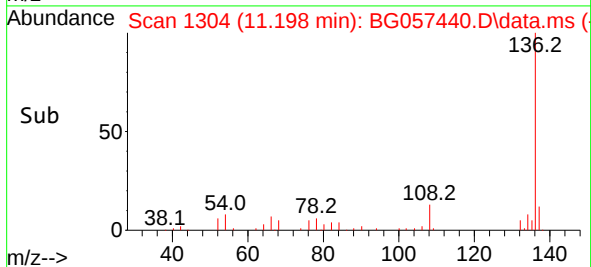
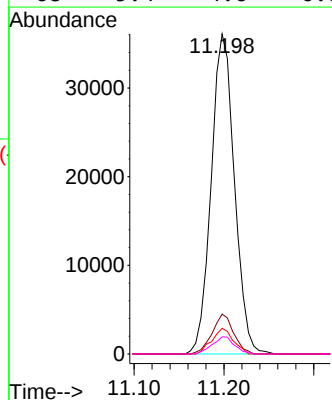
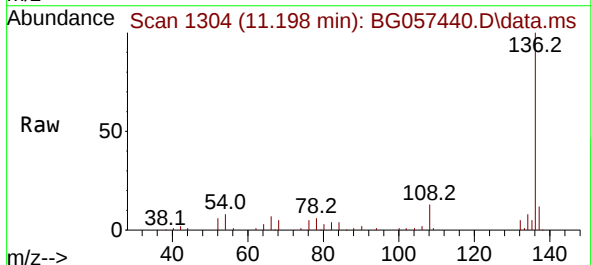
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

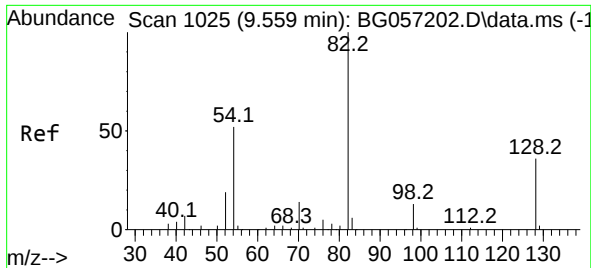
Tgt Ion: 70 Resp: 15477
Ion Ratio Lower Upper
70 100
42 42.6 41.8 62.8
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

Tgt Ion: 136 Resp: 64775
Ion Ratio Lower Upper
136 100
137 12.5 8.3 12.5
54 8.0 6.7 10.1
68 5.4 4.6 6.8

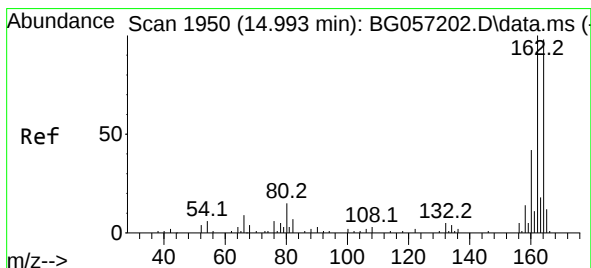
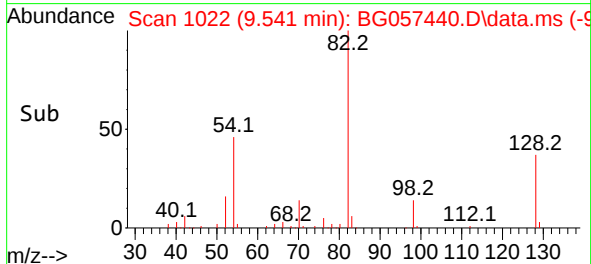
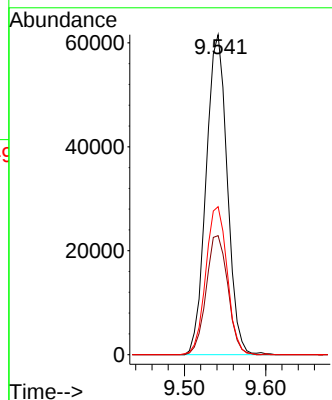
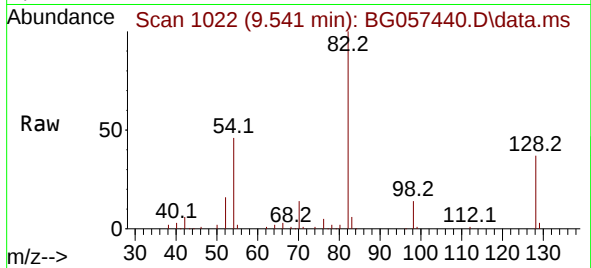




#23
Nitrobenzene-d5
Concen: 71.900 ng
RT: 9.541 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

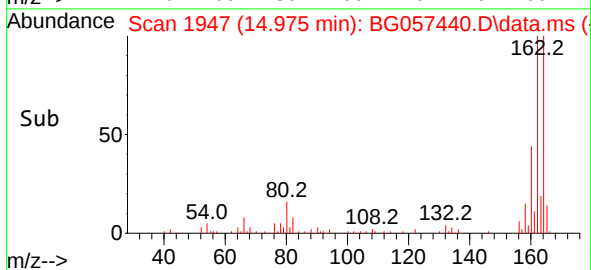
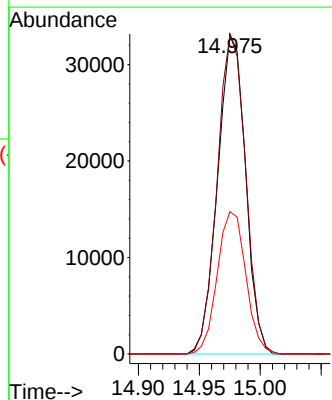
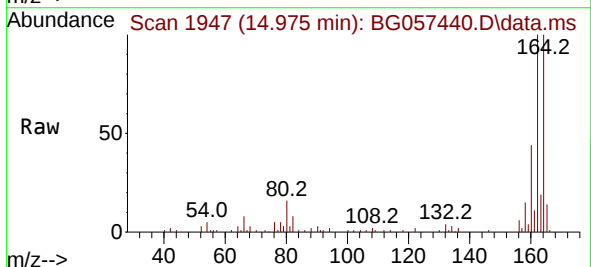
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

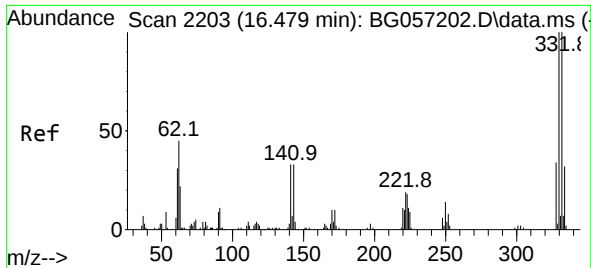
Tgt Ion: 82 Resp: 110966
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.4
54 46.3 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

Tgt Ion:164 Resp: 52593
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 44.5 34.6 52.0

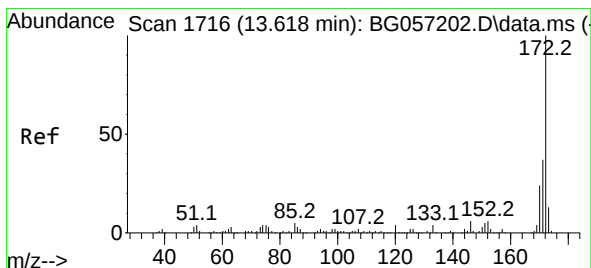
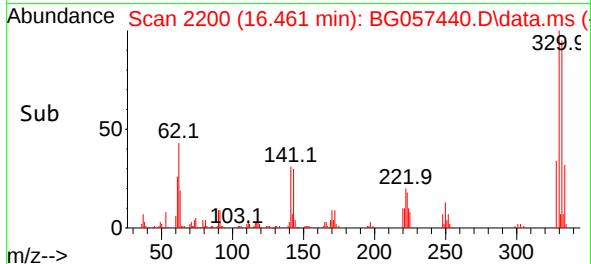
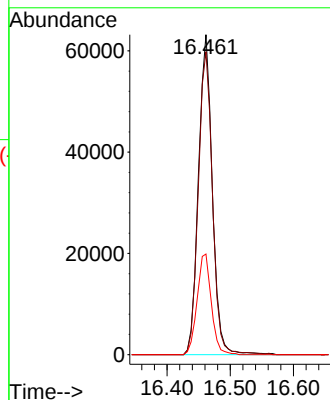
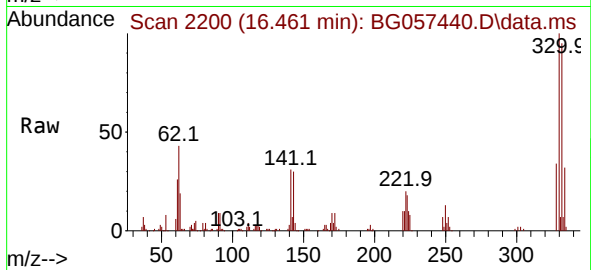




#42
2,4,6-Tribromophenol
Concen: 129.452 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

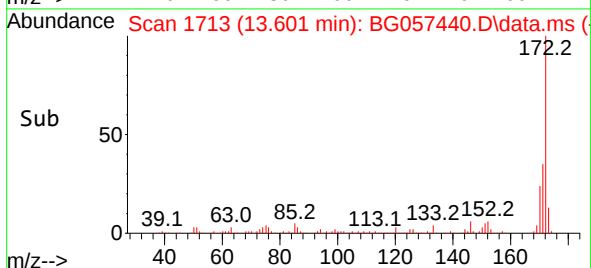
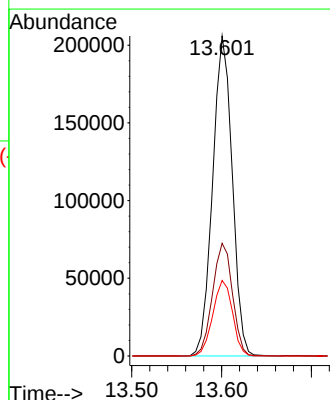
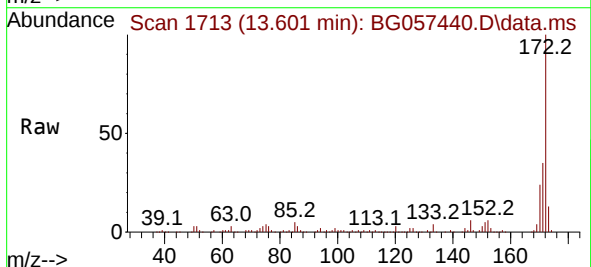
Instrument :
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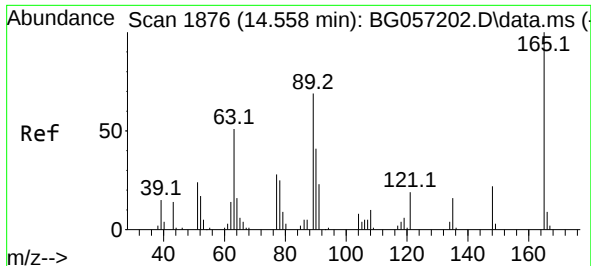
Tgt Ion:330 Resp: 96602
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 32.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 79.962 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

Tgt Ion:172 Resp: 312255
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.011 ng

RT: 14.975 min Scan# 1947

Delta R.T. 0.426 min

Lab File: BG057440.D

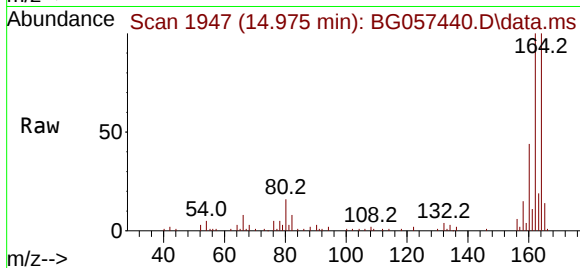
Acq: 16 May 2023 11:12

Instrument :

BNA_G

ClientSampleId :

PT-TRIAZINE-SOIL



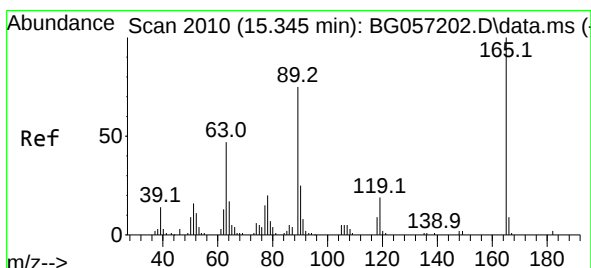
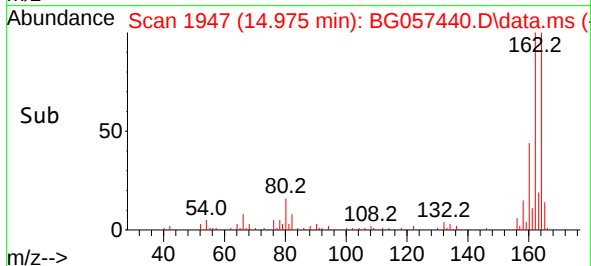
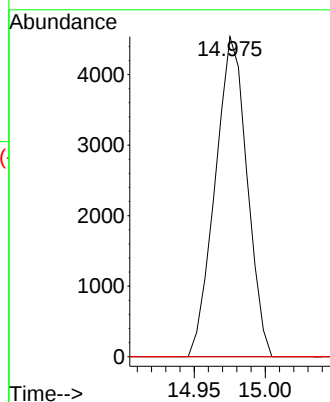
Tgt Ion:165 Resp: 7069

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: 5.605 ng

RT: 14.975 min Scan# 1947

Delta R.T. -0.361 min

Lab File: BG057440.D

Acq: 16 May 2023 11:12

Tgt Ion:165 Resp: 7069

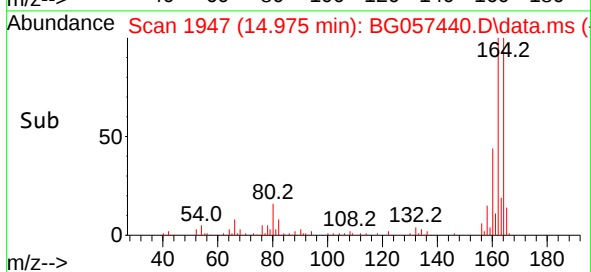
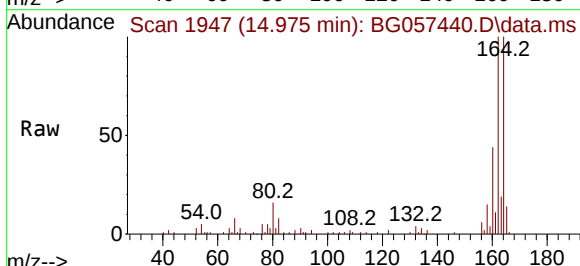
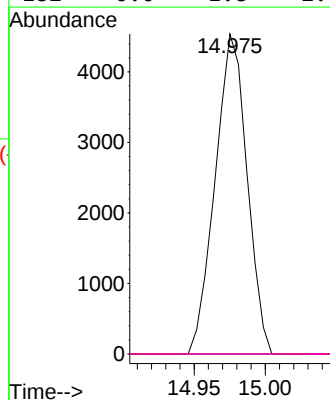
Ion Ratio Lower Upper

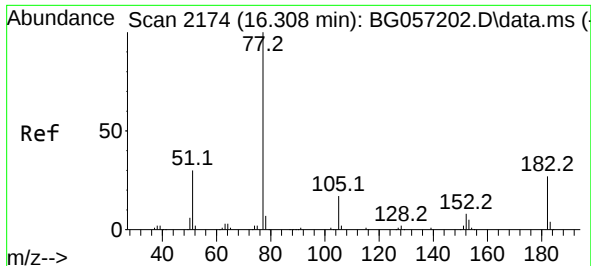
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

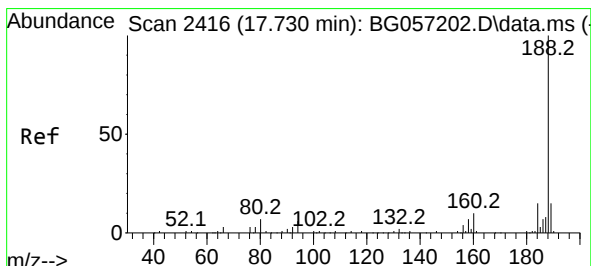
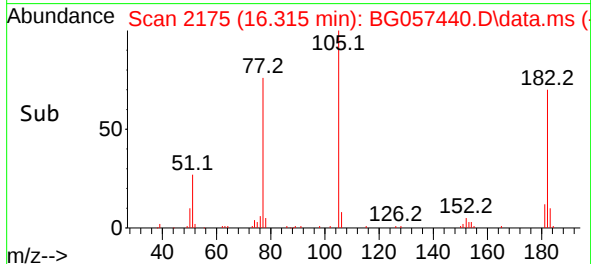
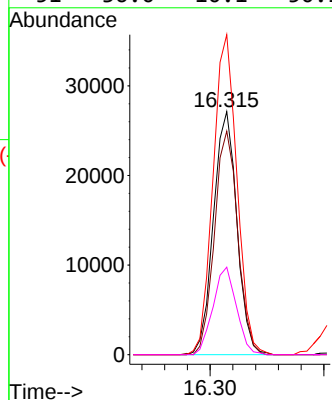
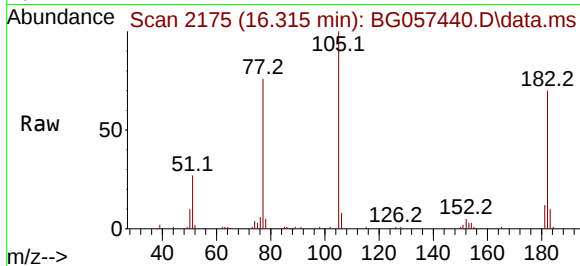




#63
 Azobenzene
 Concen: 9.159 ng
 RT: 16.315 min Scan# 2175
 Delta R.T. 0.021 min
 Lab File: BG057440.D
 Acq: 16 May 2023 11:12

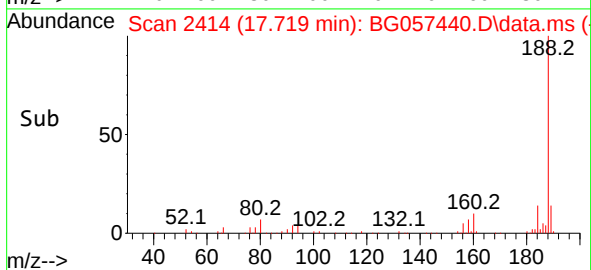
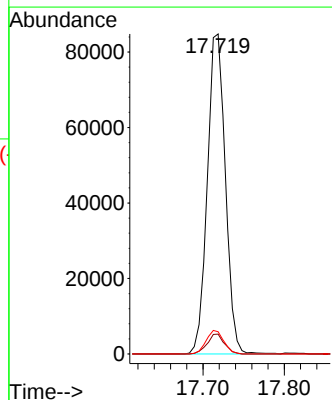
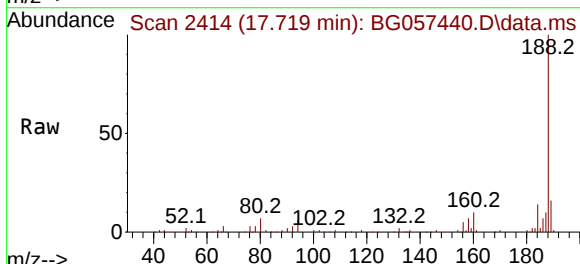
Instrument :
 BNA_G
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 PT-TRIAZINE-SOIL

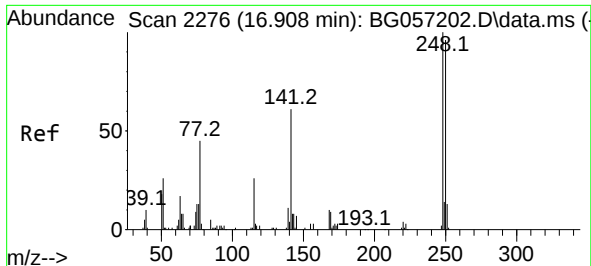
Tgt Ion: 77	Resp: 38786
Ion Ratio	Lower Upper
77	100
182	91.9 7.4 47.4#
105	131.7 0.0 37.2#
51	36.0 10.1 50.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.719 min Scan# 2414
 Delta R.T. -0.003 min
 Lab File: BG057440.D
 Acq: 16 May 2023 11:12

Tgt Ion: 188	Resp: 130581
Ion Ratio	Lower Upper
188	100
94	6.2 5.1 7.7
80	6.9 5.7 8.5

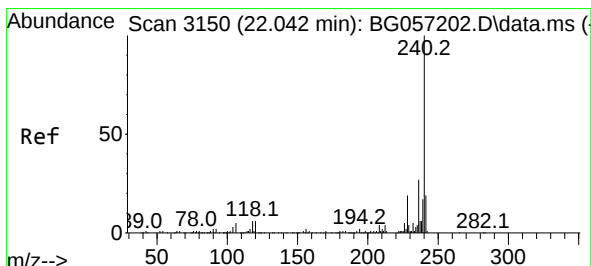
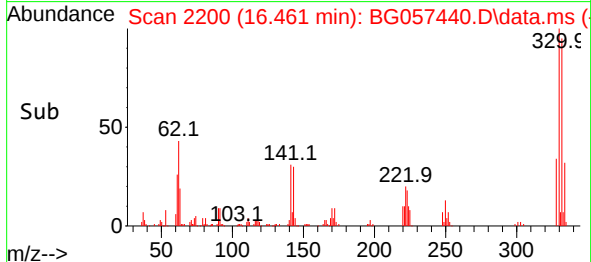
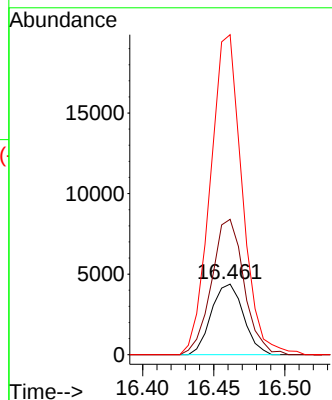
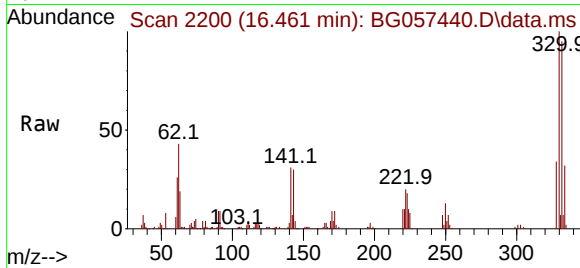




#67
4-Bromophenyl-phenylether
Concen: 4.315 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.432 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

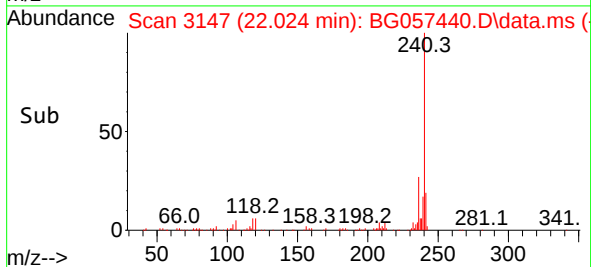
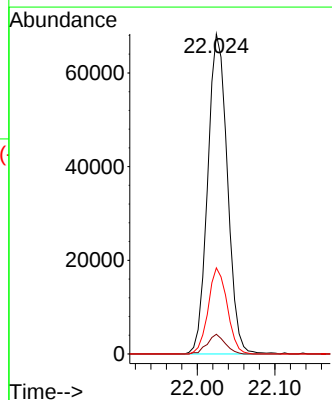
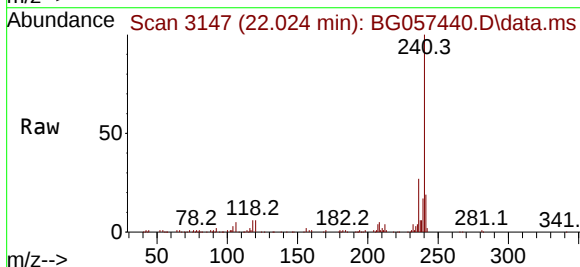
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

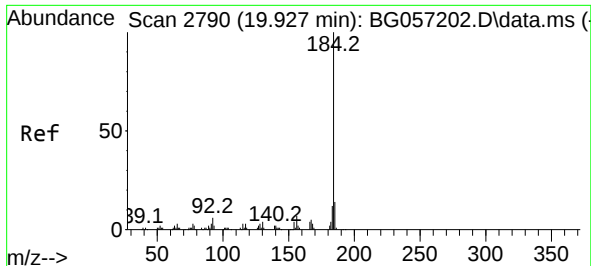
Tgt Ion:248 Resp: 6879
Ion Ratio Lower Upper
248 100
250 191.9 77.0 115.6#
141 453.6 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

Tgt Ion:240 Resp: 120292
Ion Ratio Lower Upper
240 100
120 6.2 4.9 7.3
236 26.9 21.4 32.2

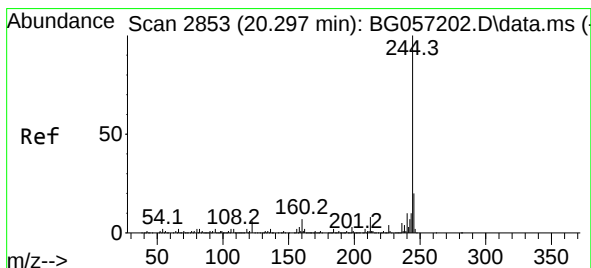
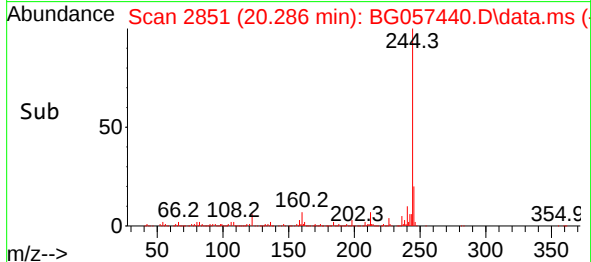
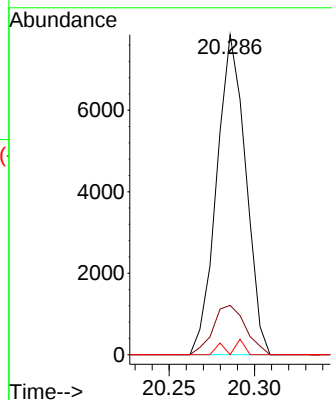
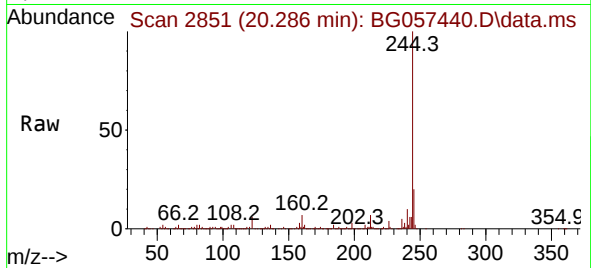




#77
Benzidine
Concen: 3.451 ng
RT: 20.286 min Scan# 2851
Delta R.T. 0.367 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

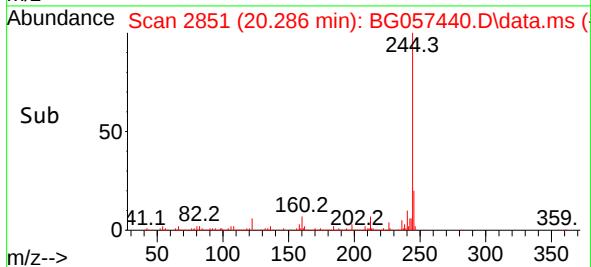
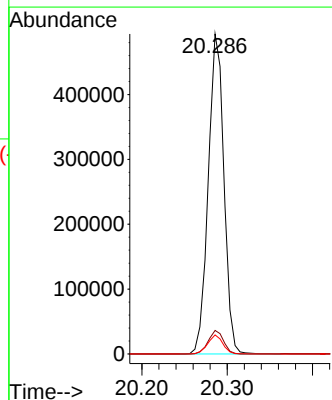
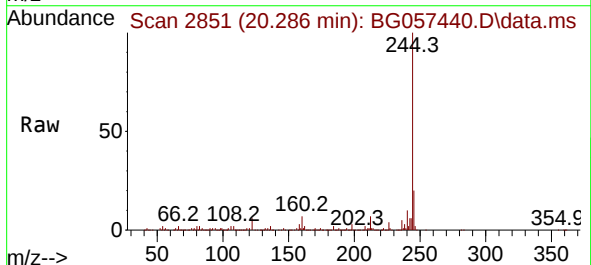
Instrument :
BNA_G
ClientSampleId :
PT-TRIAZINE-SOIL

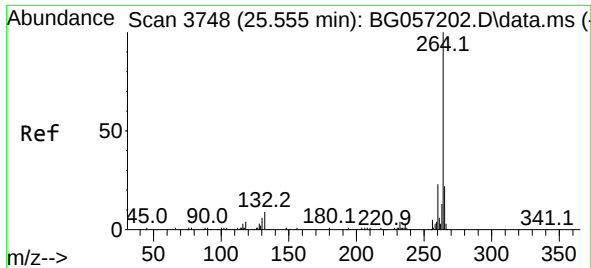
Tgt Ion:184 Resp: 9281
Ion Ratio Lower Upper
184 100
185 15.4 11.1 16.7
183 0.0 9.9 14.9#



#79
Terphenyl-d14
Concen: 85.352 ng
RT: 20.286 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG057440.D
Acq: 16 May 2023 11:12

Tgt Ion:244 Resp: 629147
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 5.9 5.1 7.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.537 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG057440.D
 Acq: 16 May 2023 11:12

Instrument :
 BNA_G
 ClientSampleId :
 PT-TRIAZINE-SOIL

Tgt Ion:264 Resp: 132223
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.9 17.9 26.9

