

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052787.D
 Acq On : 22 Mar 2022 15:57
 Operator : CG/JU
 Sample : N1985-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VACLOT-SOIL-1

Quant Time: Mar 22 16:40:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

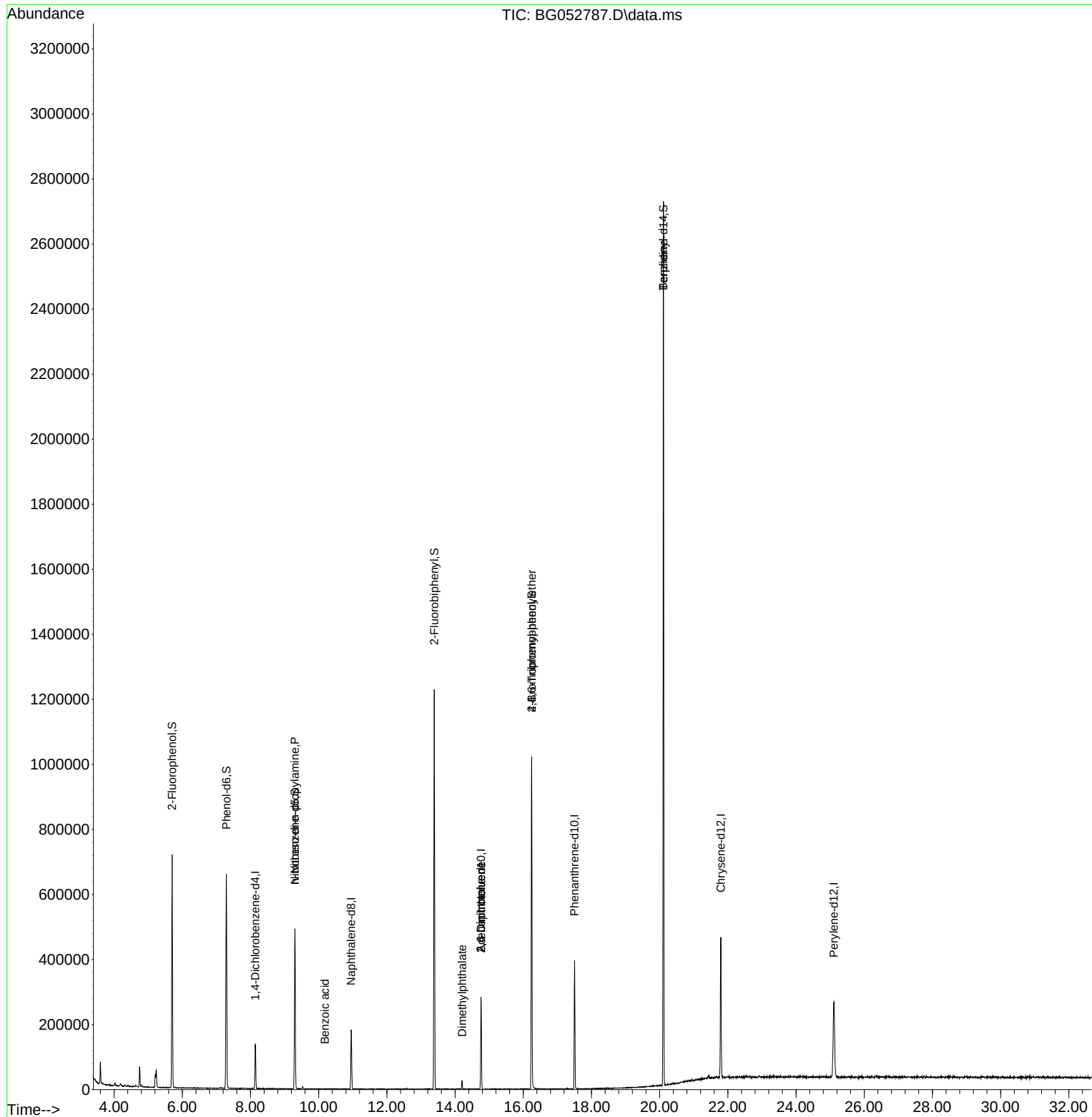
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	36943	20.000	ng	-0.02
21) Naphthalene-d8	10.954	136	148697	20.000	ng	#-0.02
39) Acenaphthene-d10	14.761	164	102639	20.000	ng	-0.01
64) Phenanthrene-d10	17.504	188	247438	20.000	ng	-0.01
76) Chrysene-d12	21.792	240	274316	20.000	ng	-0.02
86) Perylene-d12	25.111	264	270360	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	290815	137.092	ng	0.00
7) Phenol-d6	7.294	99	378844	118.459	ng	0.00
23) Nitrobenzene-d5	9.303	82	310822	104.913	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	207402	150.379	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	658171	94.574	ng	-0.01
79) Terphenyl-d14	20.112	244	1336258	86.652	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.289	77	863	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.303	70	42650	18.829	ng	# 76
32) Benzoic acid	10.185	122	81	5.719	ng	# 1
50) Dimethylphthalate	14.209	163	17109	2.243	ng	# 98
51) 2,6-Dinitrotoluene	14.761	165	14298	11.102	ng	# 25
57) 2,4-Dinitrotoluene	14.761	165	14298	8.001	ng	# 24
67) 4-Bromophenyl-phenylether	16.247	248	13107	4.394	ng	# 1
77) Benzidine	20.112	184	23479	3.319	ng	# 93

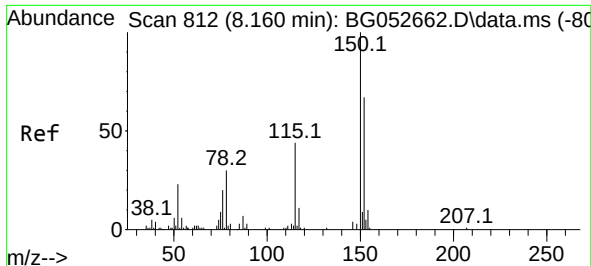
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
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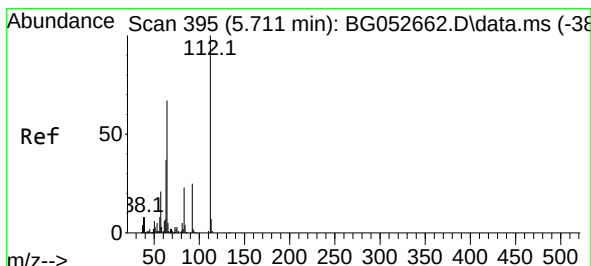
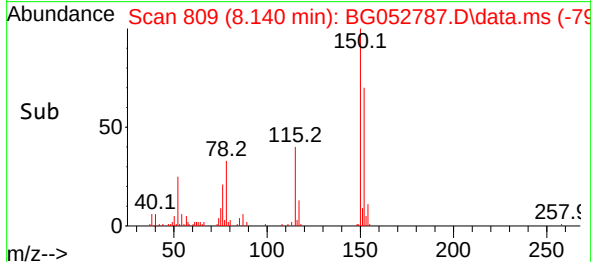
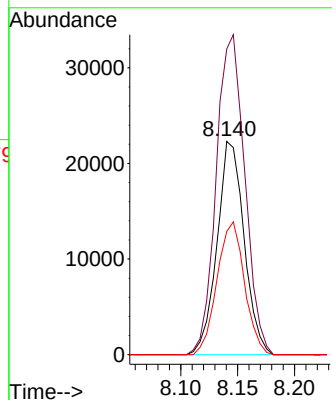
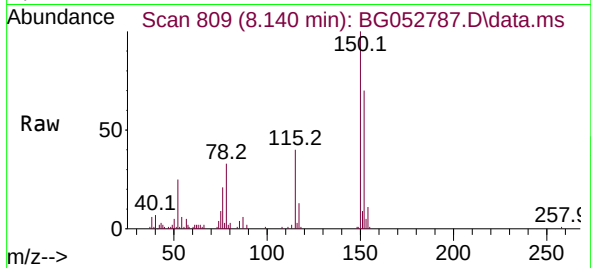




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 809
Delta R.T. -0.020 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

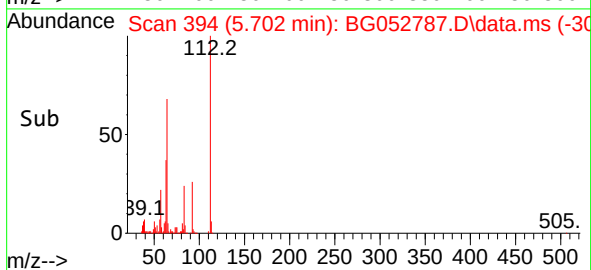
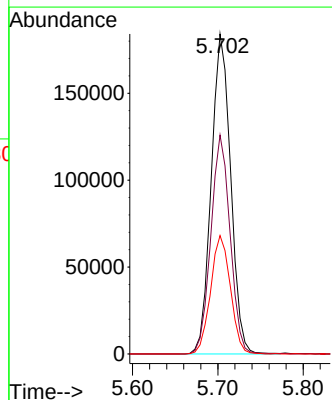
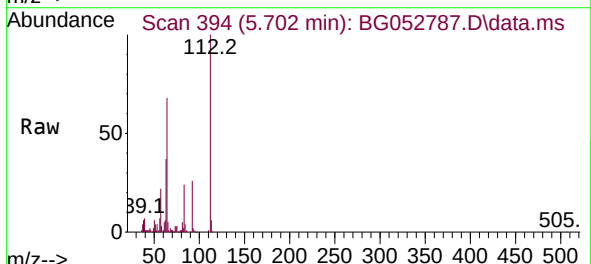
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

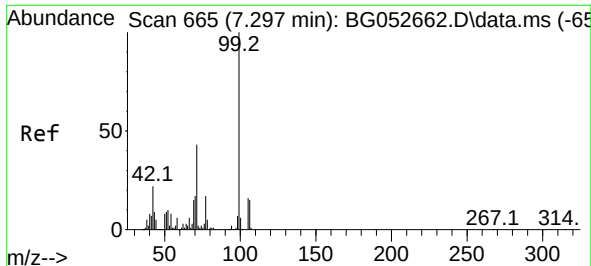
Tgt Ion:152 Resp: 36943
Ion Ratio Lower Upper
152 100
150 143.3 114.6 172.0
115 57.7 45.9 68.9



#5
2-Fluorophenol
Concen: 137.092 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion:112 Resp: 290815
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 37.0 26.5 39.7

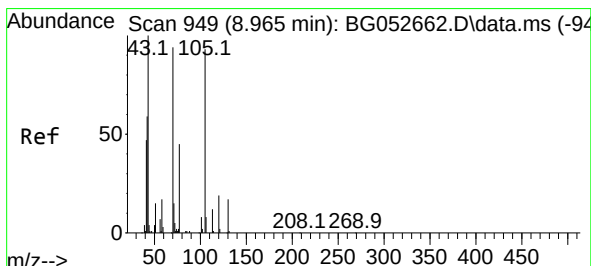
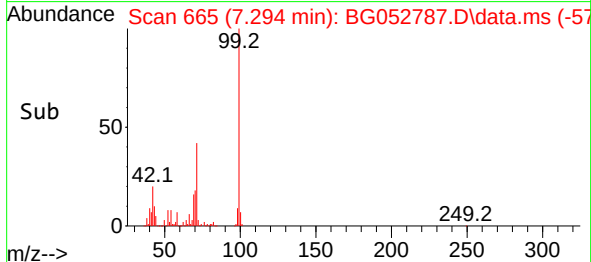
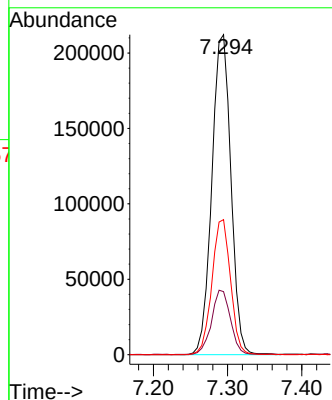
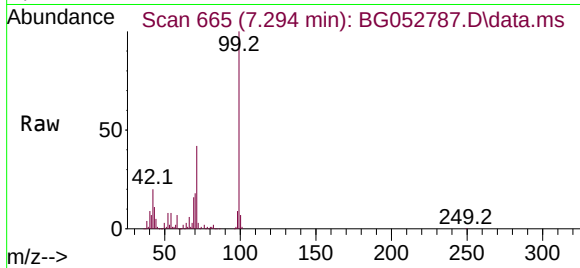




#7
Phenol-d6
Concen: 118.459 ng
RT: 7.294 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

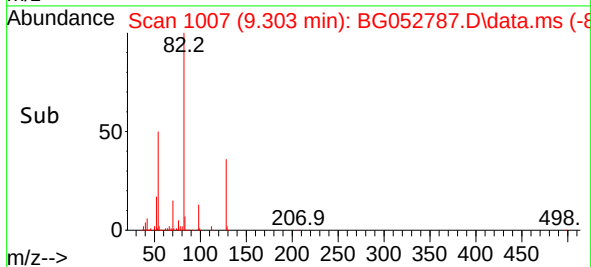
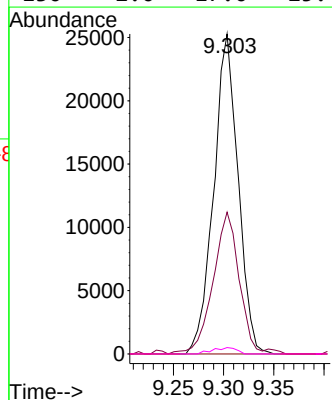
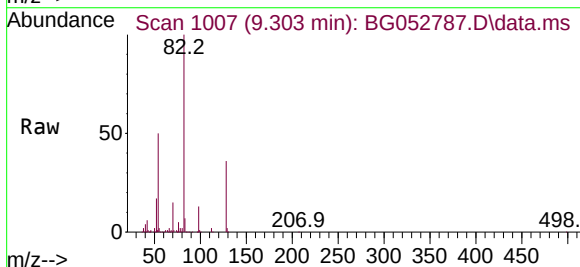
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

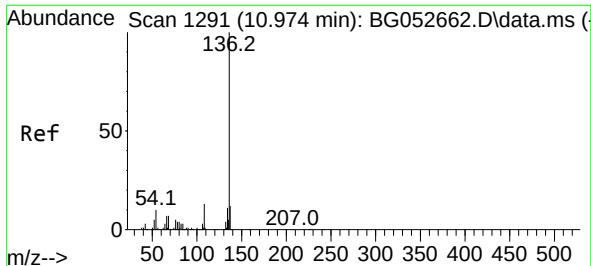
Tgt Ion: 99 Resp: 378844
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 42.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.829 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.338 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion: 70 Resp: 42650
Ion Ratio Lower Upper
70 100
42 44.3 46.0 69.0#
101 0.0 6.2 9.4#
130 2.0 17.0 25.4#

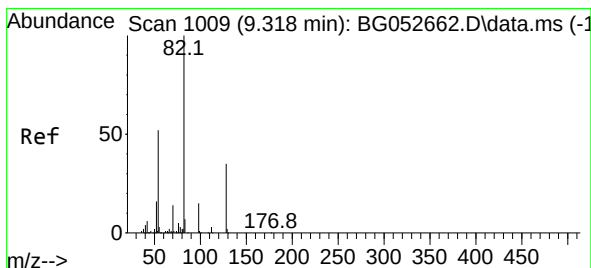
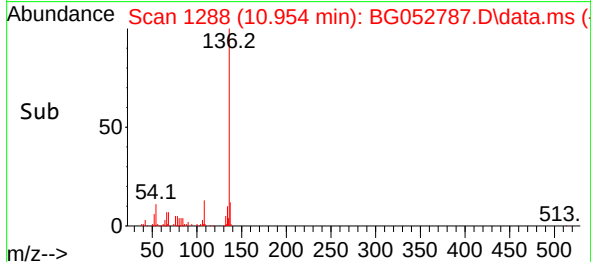
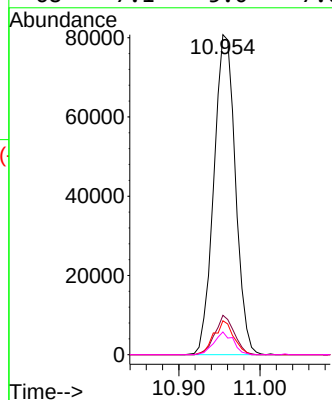
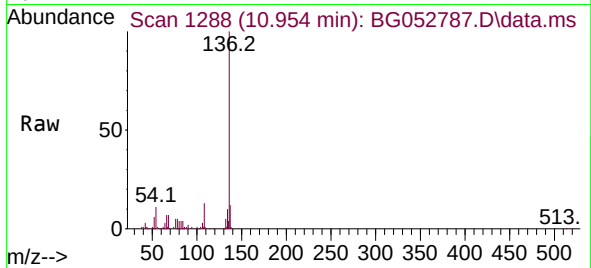




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

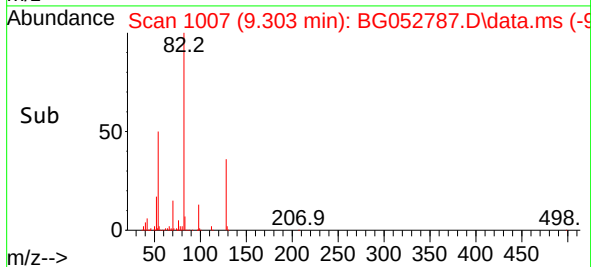
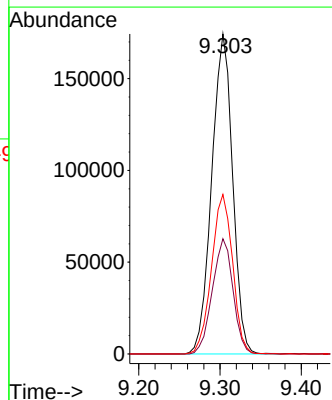
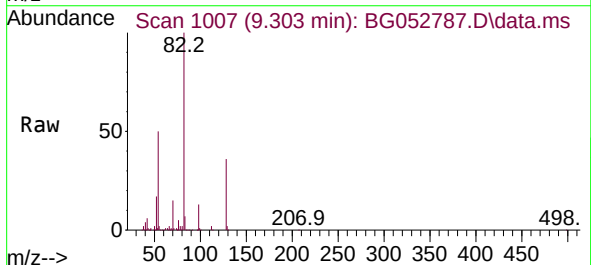
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

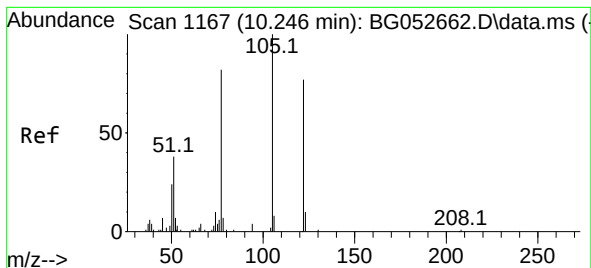
Tgt Ion:136 Resp: 148697
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 10.6 6.4 9.6#
68 7.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 104.913 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.014 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion: 82 Resp: 310822
Ion Ratio Lower Upper
82 100
128 36.0 31.3 46.9
54 49.8 37.8 56.8





#32

Benzoic acid

Concen: 5.719 ng

RT: 10.185 min Scan# 1167

Delta R.T. -0.061 min

Lab File: BG052787.D

Acq: 22 Mar 2022 15:57

Instrument :

BNA_G

ClientSampleId :

VACLOT-SOIL-1

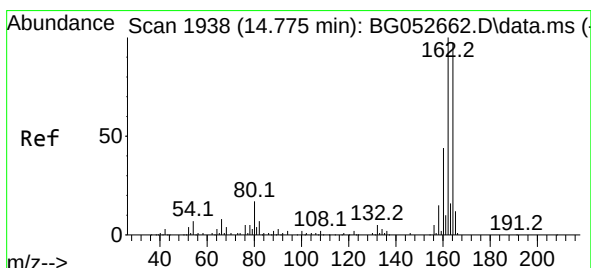
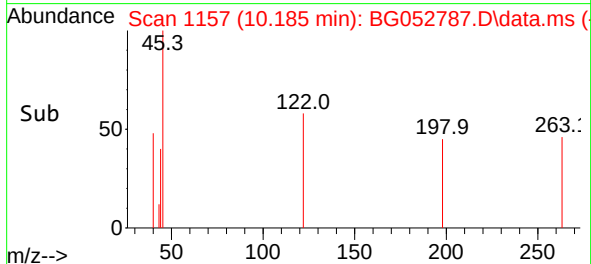
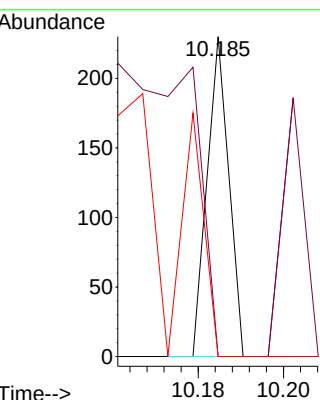
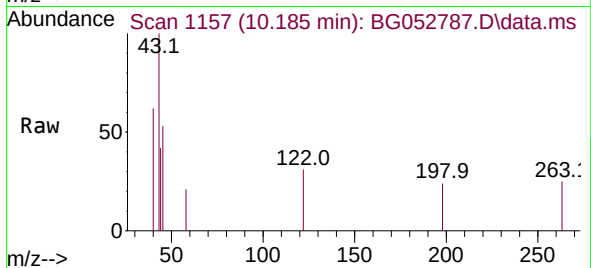
Tgt Ion:122 Resp: 81

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.761 min Scan# 1936

Delta R.T. -0.014 min

Lab File: BG052787.D

Acq: 22 Mar 2022 15:57

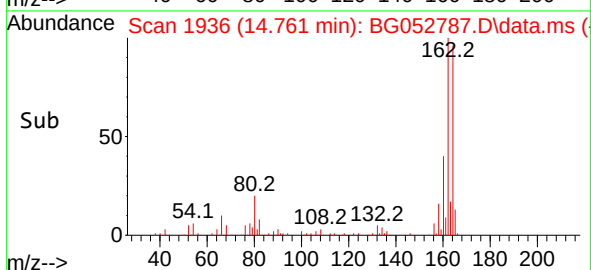
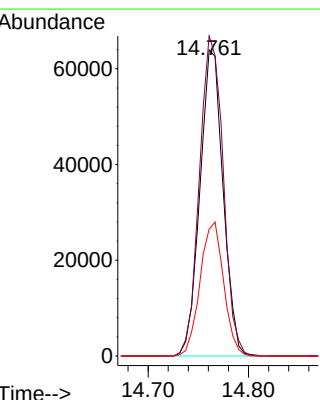
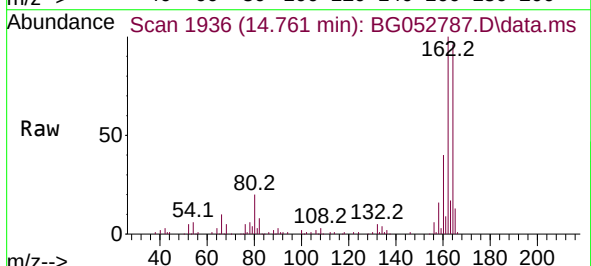
Tgt Ion:164 Resp: 102639

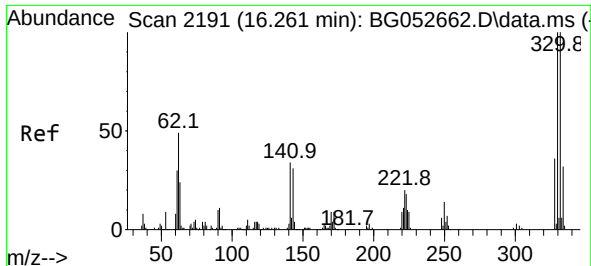
Ion Ratio Lower Upper

164 100

162 104.6 80.0 120.0

160 41.4 38.8 58.2

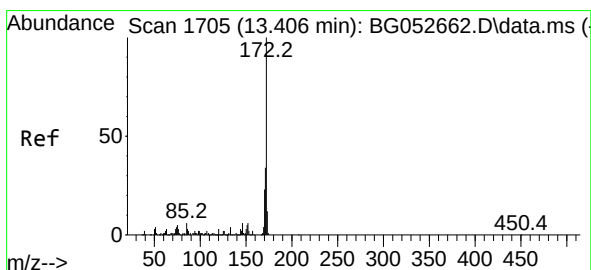
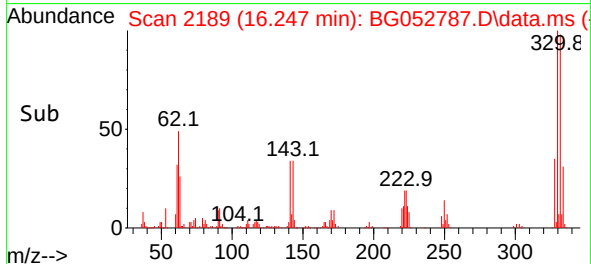
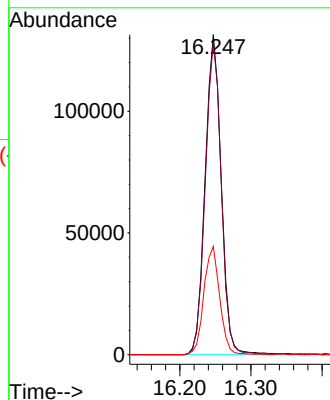
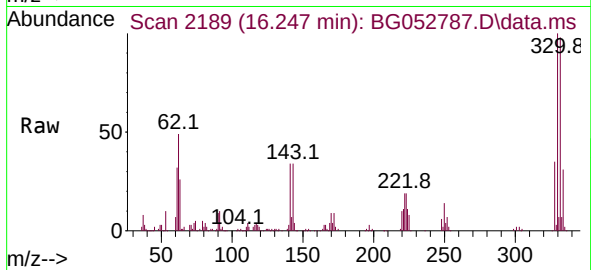




#42
2,4,6-Tribromophenol
Concen: 150.379 ng
RT: 16.247 min Scan# 2191
Delta R.T. -0.014 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

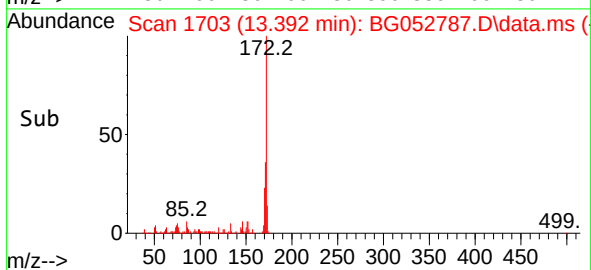
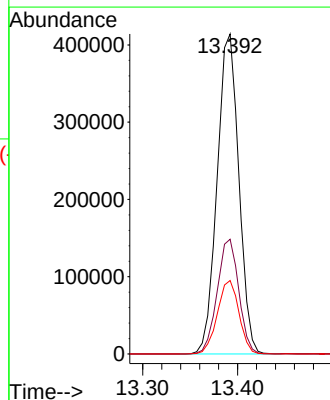
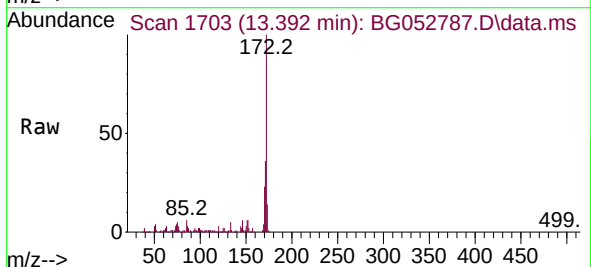
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

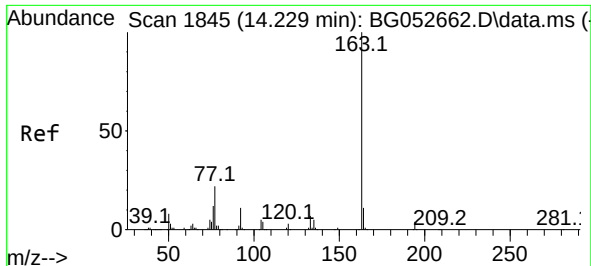
Tgt Ion:330 Resp: 207402
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 33.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 94.574 ng
RT: 13.392 min Scan# 1703
Delta R.T. -0.014 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion:172 Resp: 658171
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 22.9 18.0 27.0

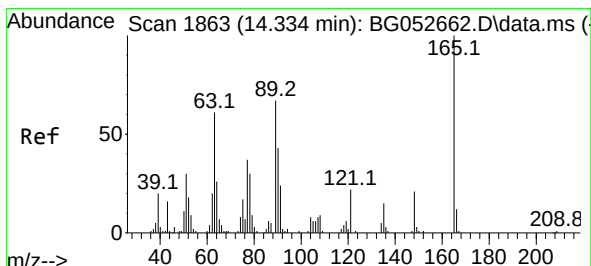
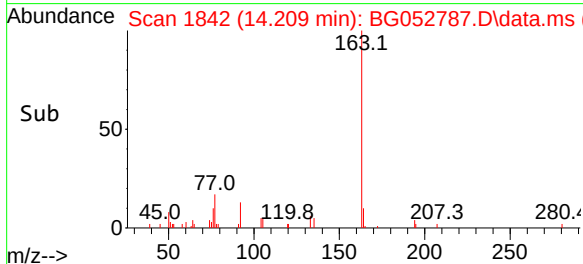
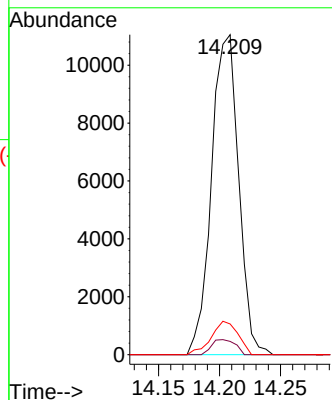
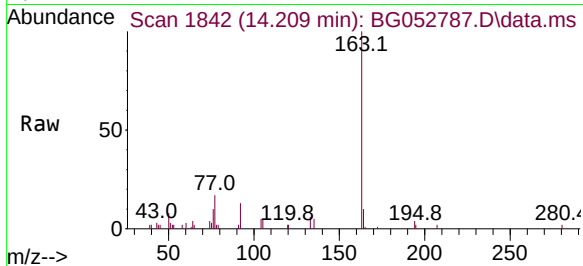




#50
Dimethylphthalate
Concen: 2.243 ng
RT: 14.209 min Scan# 11
Delta R.T. -0.020 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

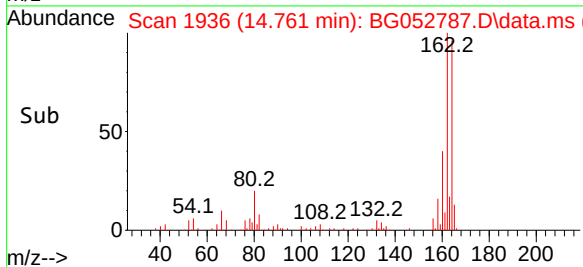
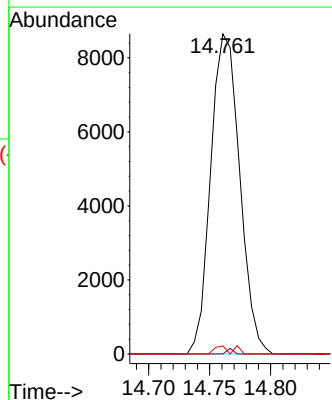
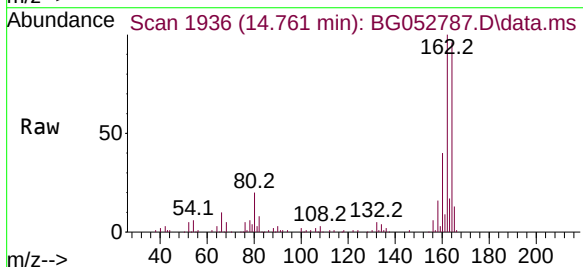
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

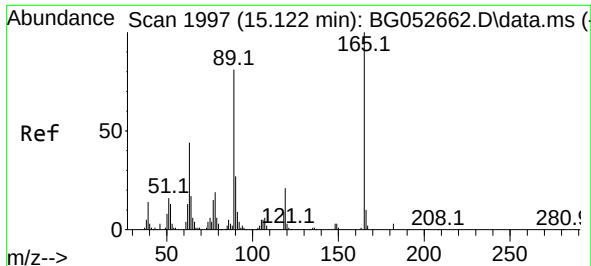
Tgt Ion:163 Resp: 17109
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.6 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 11.102 ng
RT: 14.761 min Scan# 1936
Delta R.T. 0.426 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion:165 Resp: 14298
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.5 45.0 67.4#

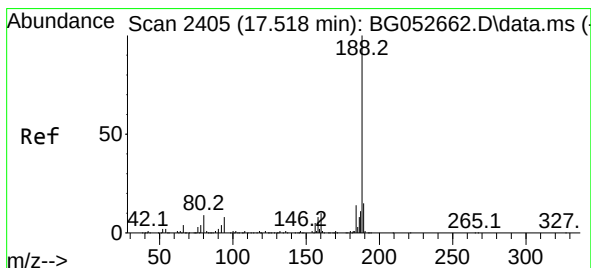
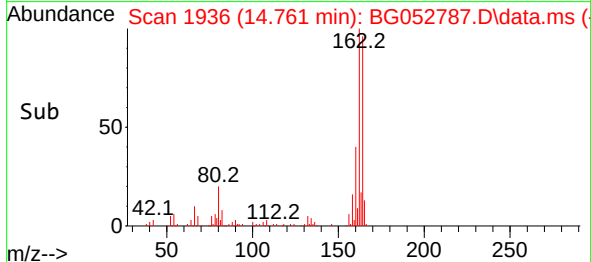
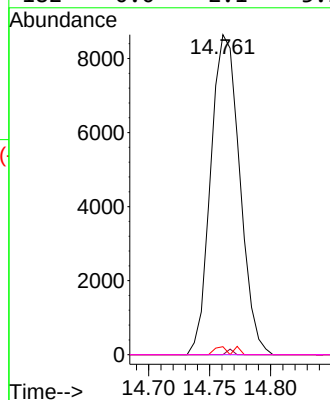
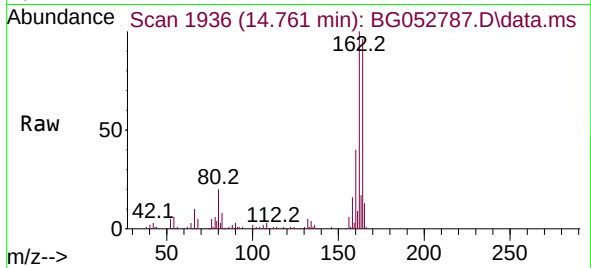




#57
2,4-Dinitrotoluene
Concen: 8.001 ng
RT: 14.761 min Scan# 1997
Delta R.T. -0.361 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

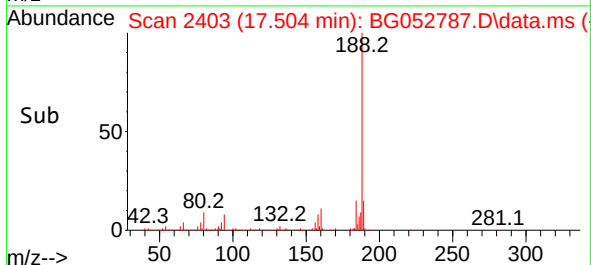
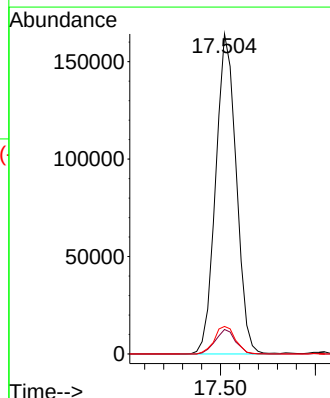
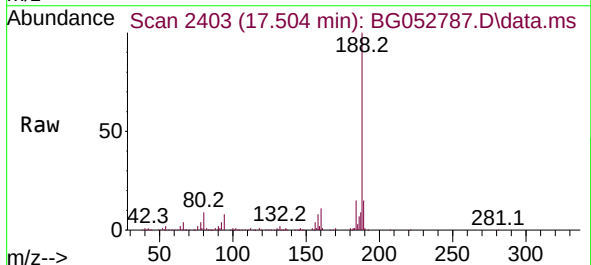
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

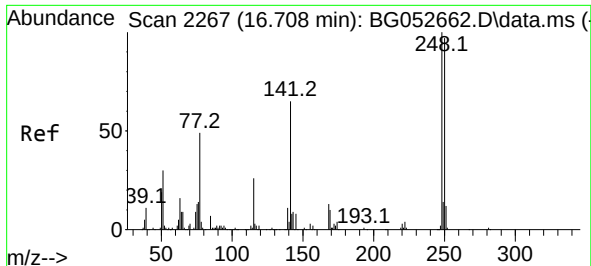
Tgt Ion:165 Resp: 14298
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.5 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion:188 Resp: 247438
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.6 7.2 10.8

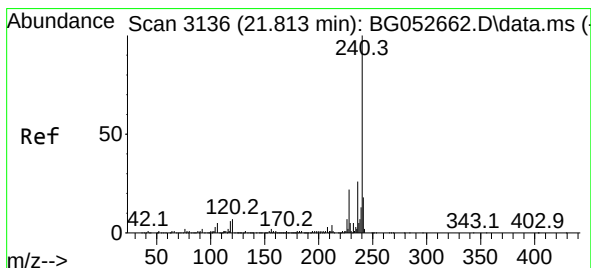
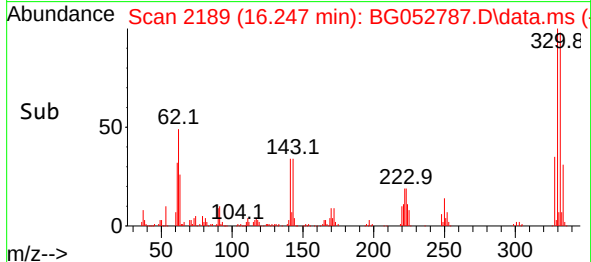
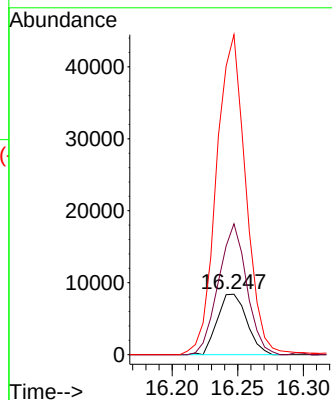
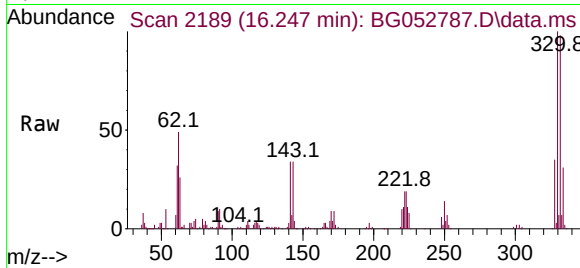




#67
4-Bromophenyl-phenylether
Concen: 4.394 ng
RT: 16.247 min Scan# 21189
Delta R.T. -0.461 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

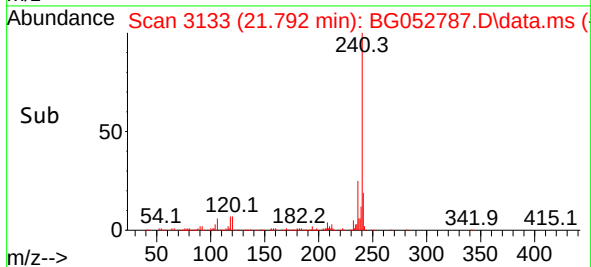
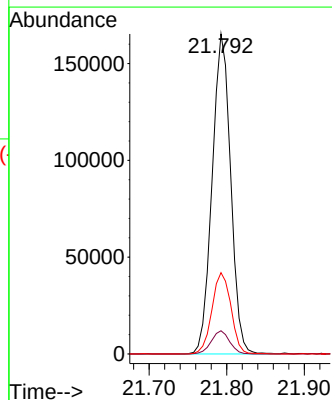
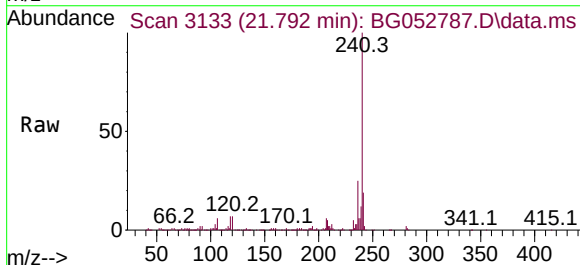
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

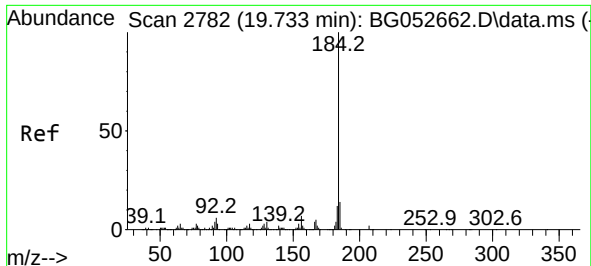
Tgt Ion:248 Resp: 13107
Ion Ratio Lower Upper
248 100
250 216.3 77.9 116.9#
141 528.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3133
Delta R.T. -0.020 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion:240 Resp: 274316
Ion Ratio Lower Upper
240 100
120 7.2 5.4 8.0
236 25.4 19.8 29.6

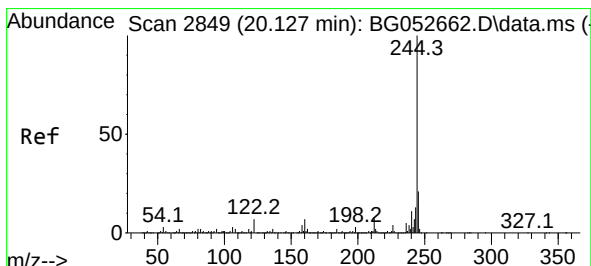
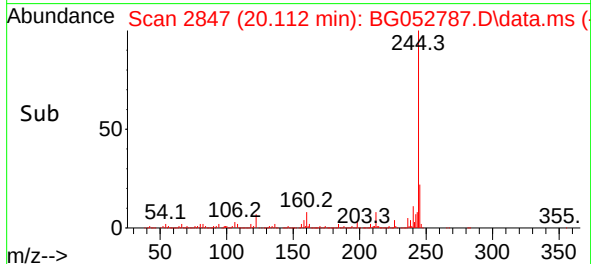
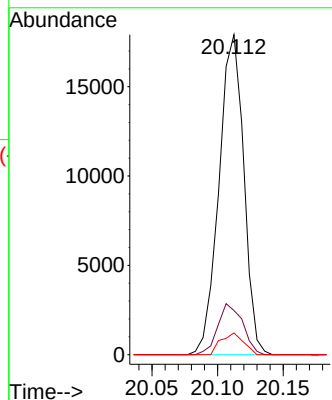
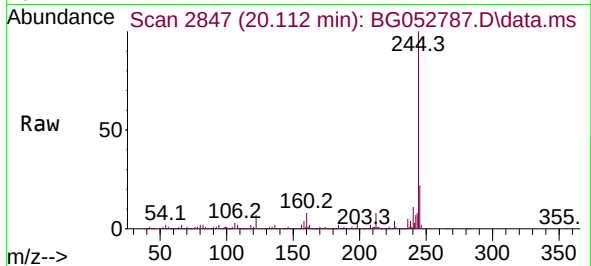




#77
Benzidine
Concen: 3.319 ng
RT: 20.112 min Scan# 2847
Delta R.T. 0.379 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

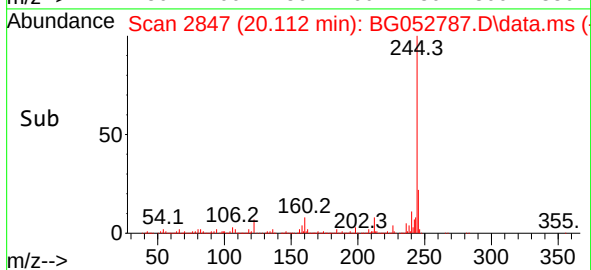
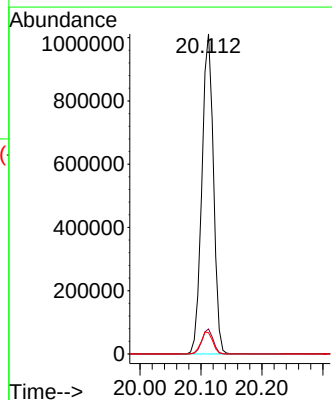
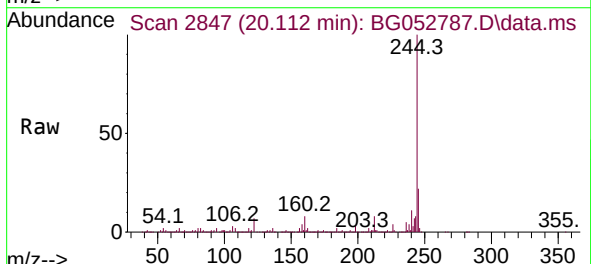
Instrument :
BNA_G
ClientSampleId :
VACLOT-SOIL-1

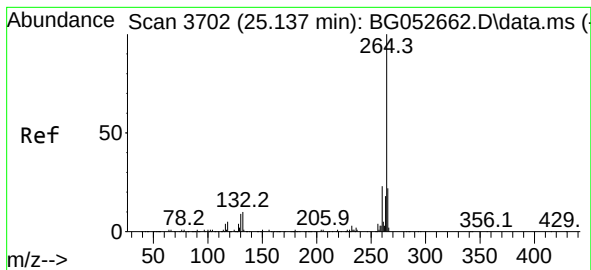
Tgt Ion:184 Resp: 23479
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 86.652 ng
RT: 20.112 min Scan# 2847
Delta R.T. -0.014 min
Lab File: BG052787.D
Acq: 22 Mar 2022 15:57

Tgt Ion:244 Resp: 1336258
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.7 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: BG052787.D
 Acq: 22 Mar 2022 15:57

Instrument :
 BNA_G
 ClientSampleId :
 VACLOT-SOIL-1

Tgt Ion:264 Resp: 270360
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 20.1 15.1 22.7

