

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060484.D
 Acq On : 30 Jan 2024 15:14
 Operator : MA/JU
 Sample : P1270-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126

Quant Time: Jan 30 15:50:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

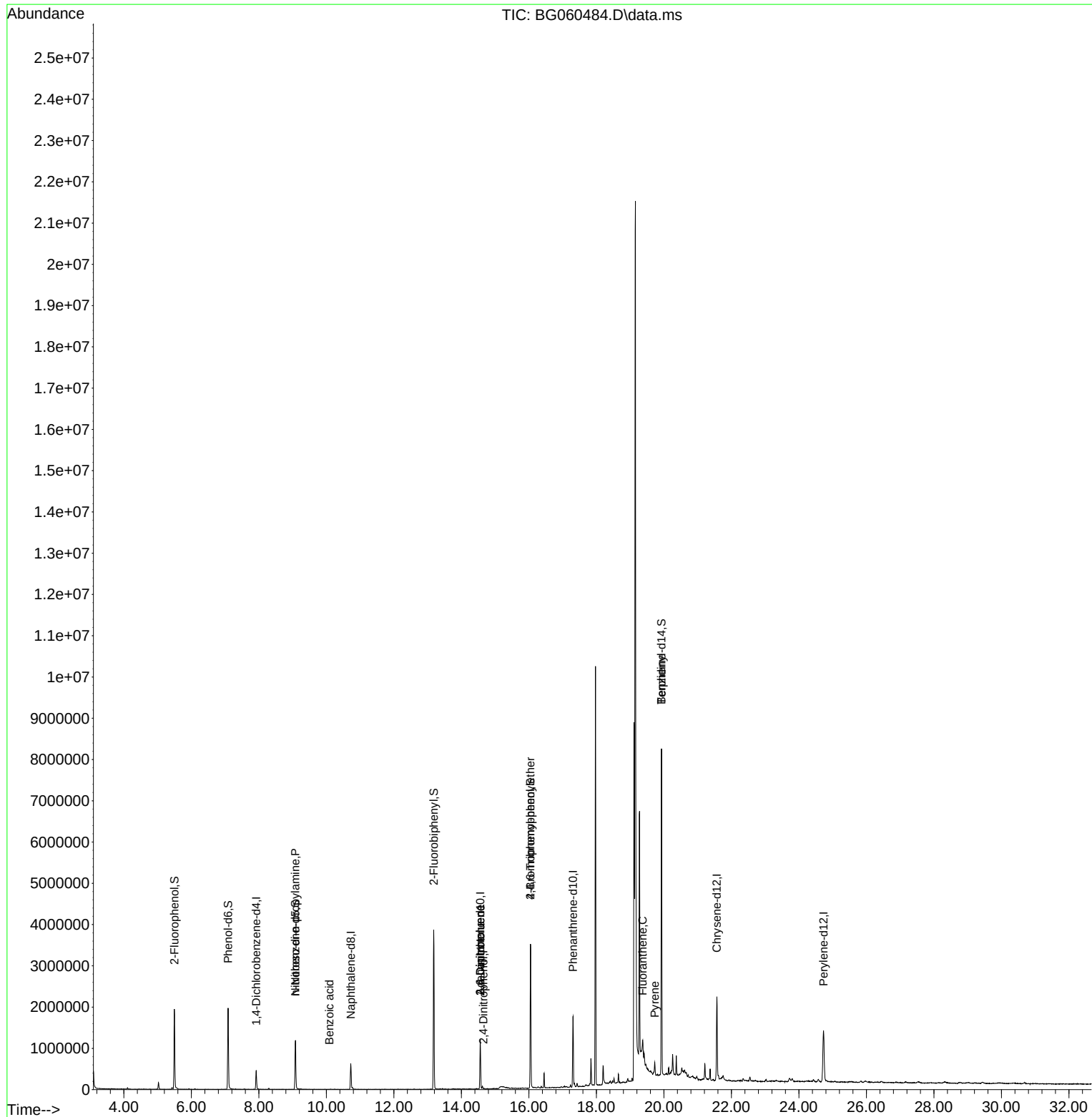
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	149471	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	571828	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	435011	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1239955	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1233453	20.000	ng	0.00
86) Perylene-d12	24.730	264	1414561	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	950615	104.606	ng	0.00
7) Phenol-d6	7.086	99	1334273	99.154	ng	0.00
23) Nitrobenzene-d5	9.084	82	829740	68.518	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	826865	129.192	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	2208273	70.577	ng	0.00
79) Terphenyl-d14	19.930	244	3976319	79.276	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.084	70	100173	10.756	ng	# 89
32) Benzoic acid	10.088	122	127	10.219	ng	# 29
51) 2,6-Dinitrotoluene	14.560	165	58417	8.235	ng	# 34
54) 2,4-Dinitrophenol	14.654	184	152	8.618	ng	# 33
57) 2,4-Dinitrotoluene	14.560	165	58417	6.006	ng	# 26
67) 4-Bromophenyl-phenylether	16.046	248	53017	3.891	ng	# 1
75) Fluoranthene	19.372	202	195020	2.709	ng	90
77) Benzidine	19.930	184	58409	2.180	ng	# 93
78) Pyrene	19.730	202	191389	2.430	ng	# 84

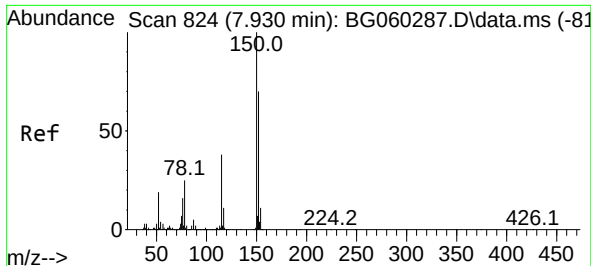
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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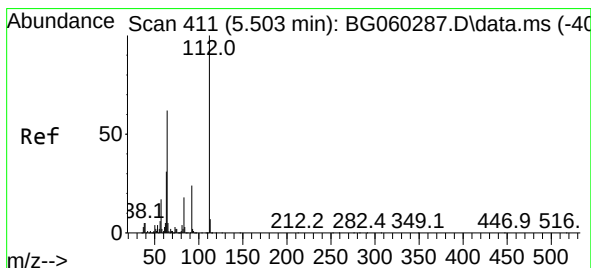
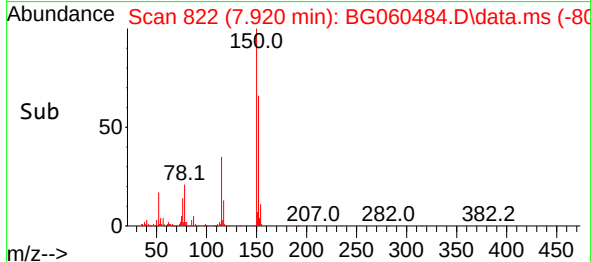
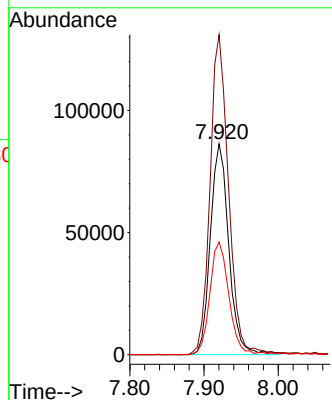
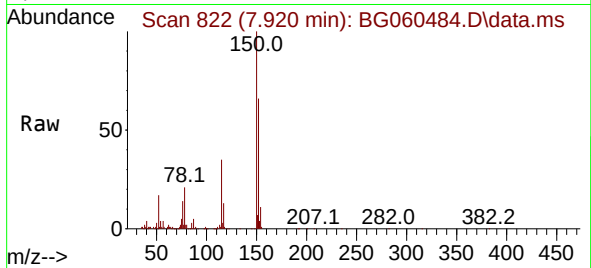




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

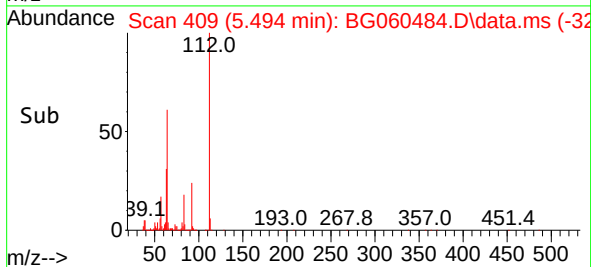
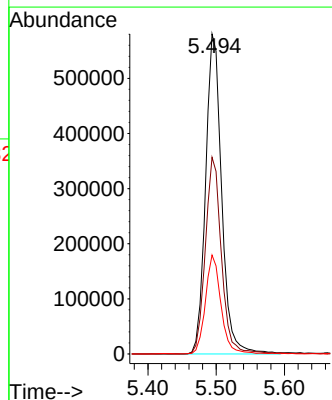
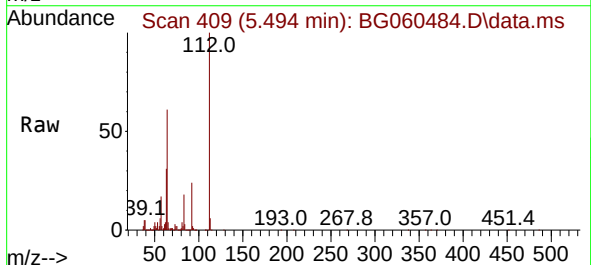
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

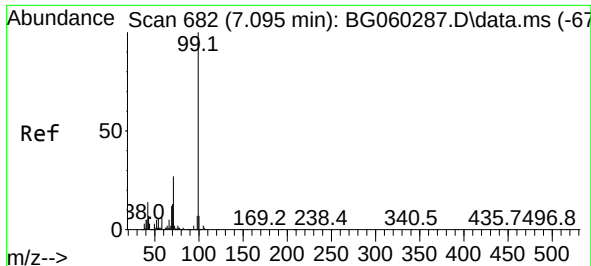
Tgt Ion:152 Resp: 149471
Ion Ratio Lower Upper
152 100
150 151.7 114.5 171.7
115 53.3 43.0 64.6



#5
2-Fluorophenol
Concen: 104.606 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:112 Resp: 950615
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.9 24.4 36.6

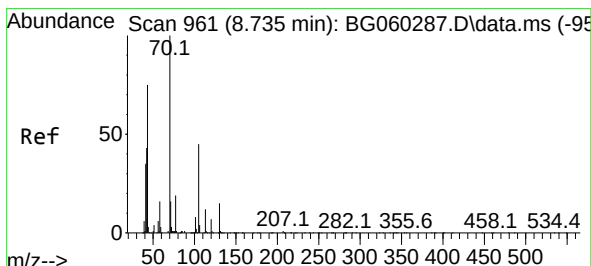
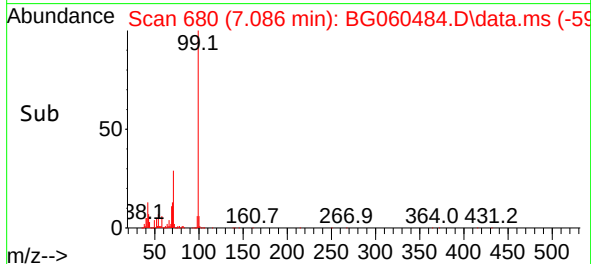
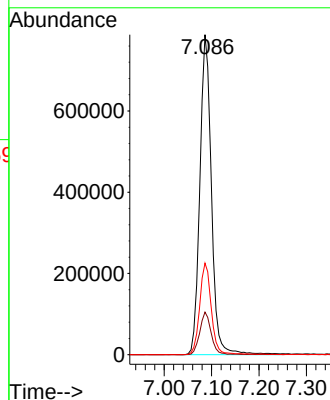
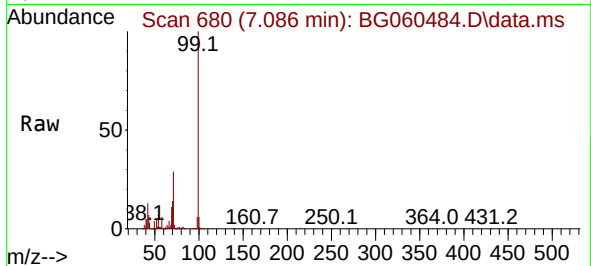




#7
Phenol-d6
Concen: 99.154 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

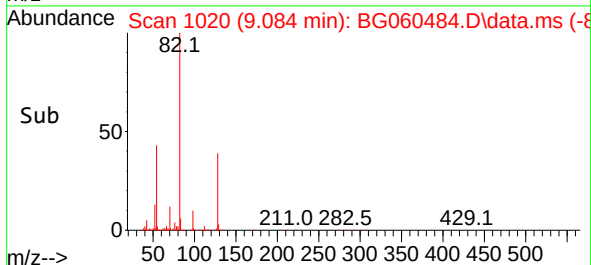
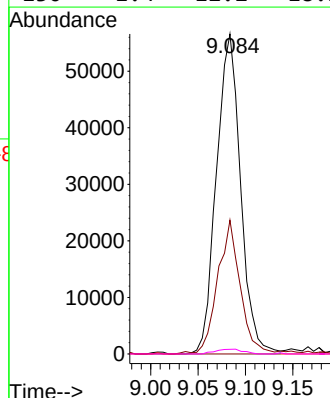
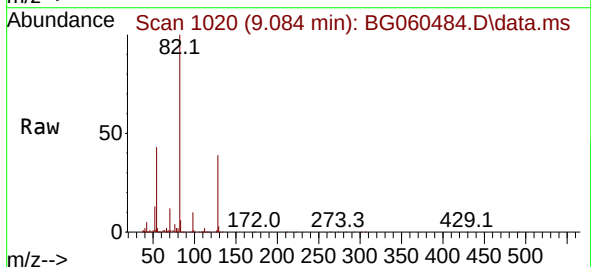
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

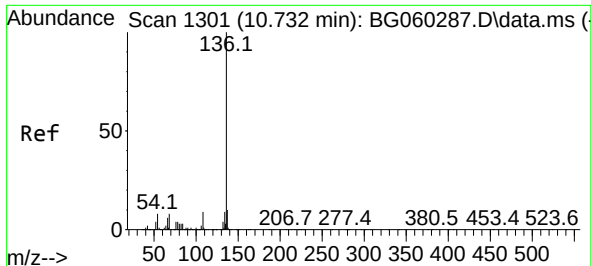
Tgt Ion: 99 Resp: 1334273
Ion Ratio Lower Upper
99 100
42 13.3 10.9 16.3
71 28.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.756 ng
RT: 9.084 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion: 70 Resp: 100173
Ion Ratio Lower Upper
70 100
42 41.8 34.3 51.5
101 0.0 6.2 9.2#
130 1.4 12.2 18.2#

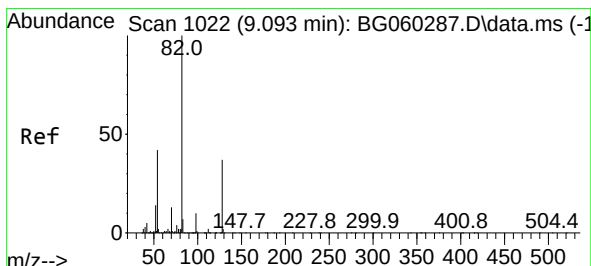
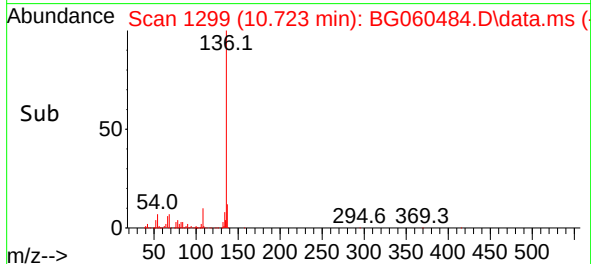
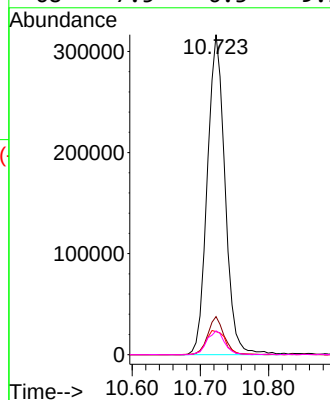
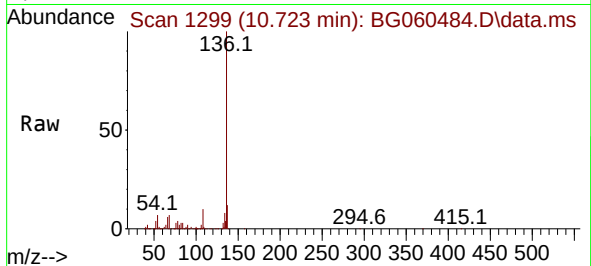




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

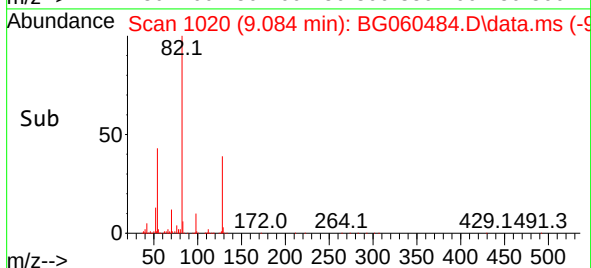
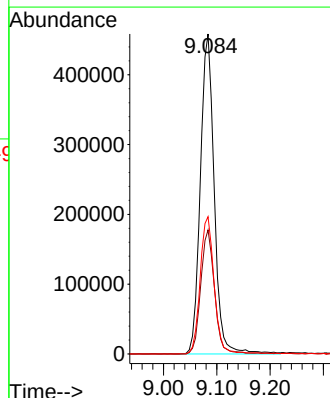
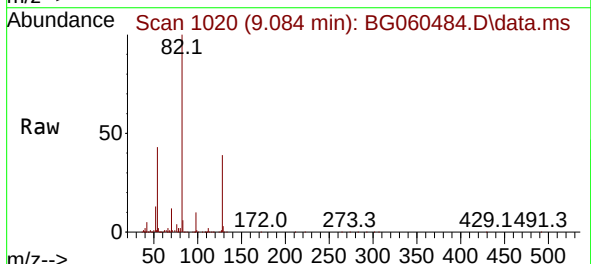
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

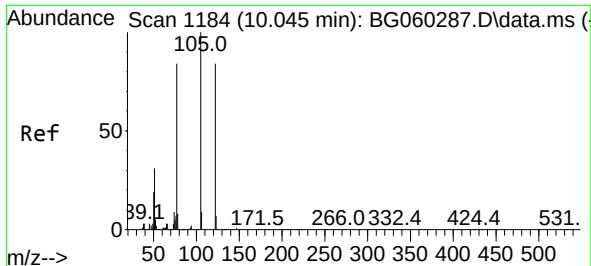
Tgt Ion:	136	Resp:	571828
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	7.2	6.2	9.2
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 68.518 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:	82	Resp:	829740
Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.6	44.4
54	42.9	33.6	50.4

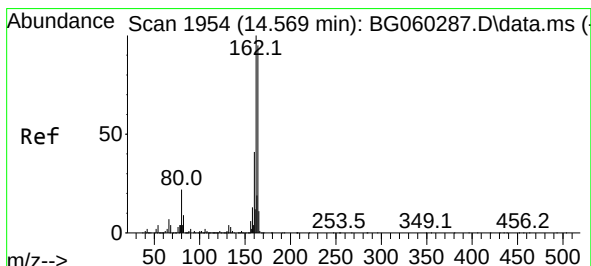
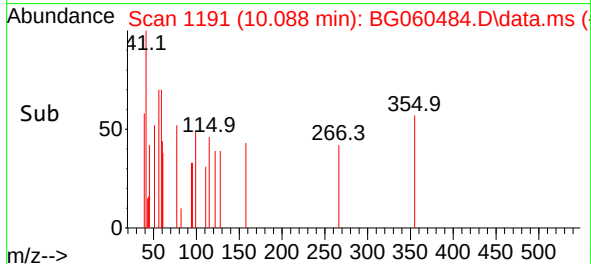
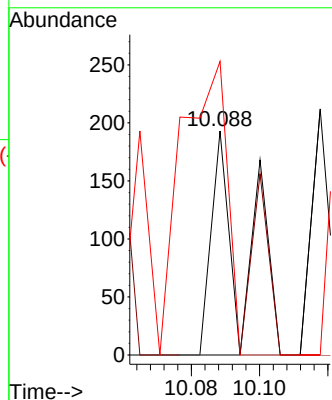
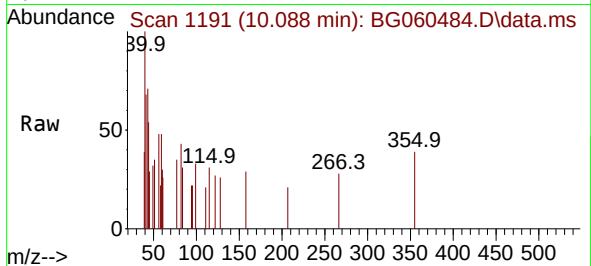




#32
Benzoic acid
Concen: 10.219 ng
RT: 10.088 min Scan# 1184
Delta R.T. 0.043 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

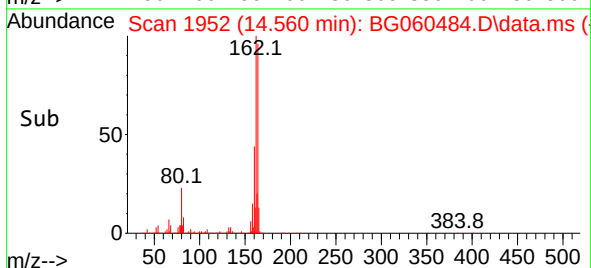
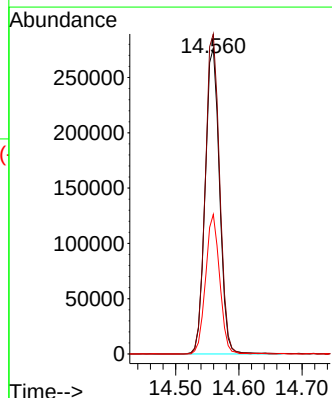
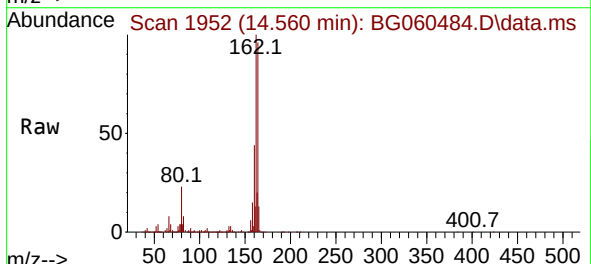
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

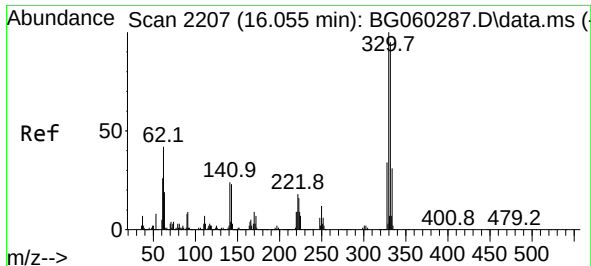
Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 131.1 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:164 Resp: 435011
Ion Ratio Lower Upper
164 100
162 104.6 84.4 126.6
160 45.6 34.6 52.0

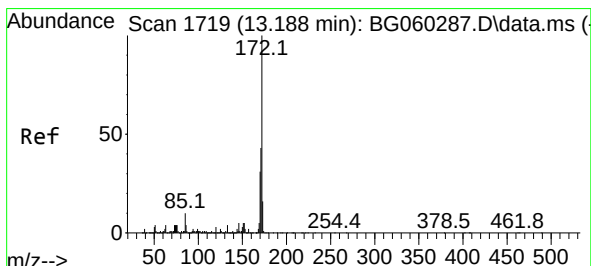
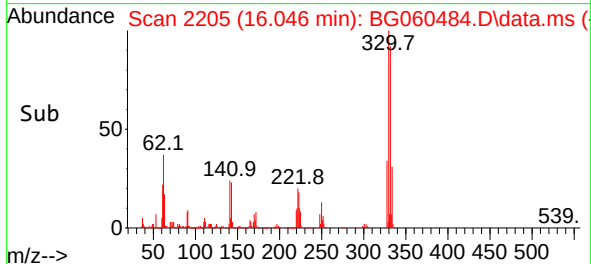
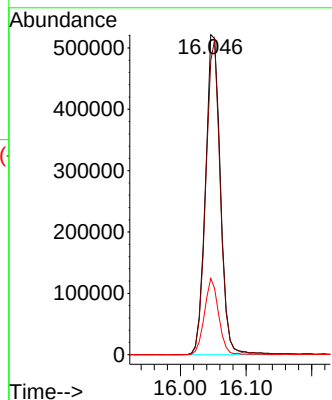
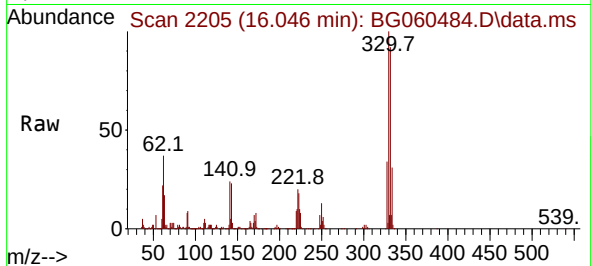




#42
2,4,6-Tribromophenol
Concen: 129.192 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

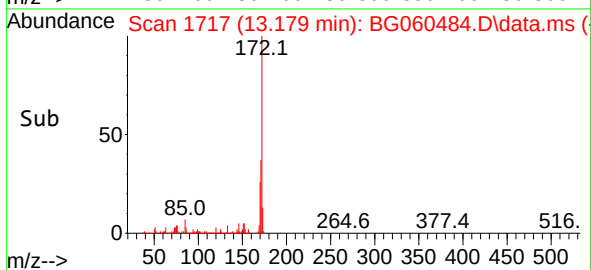
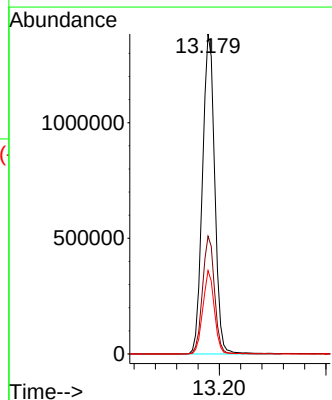
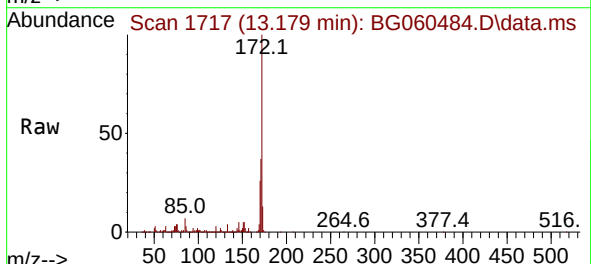
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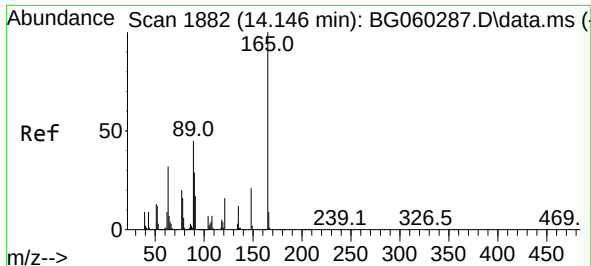
Tgt Ion:330 Resp: 826865
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 22.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 70.577 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:172 Resp: 2208273
Ion Ratio Lower Upper
172 100
171 36.8 34.6 51.8
170 26.1 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.235 ng

RT: 14.560 min Scan# 1952

Delta R.T. 0.414 min

Lab File: BG060484.D

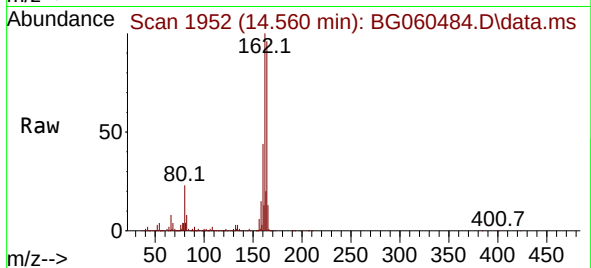
Acq: 30 Jan 2024 15:14

Instrument :

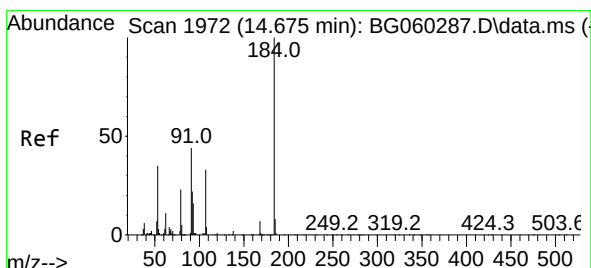
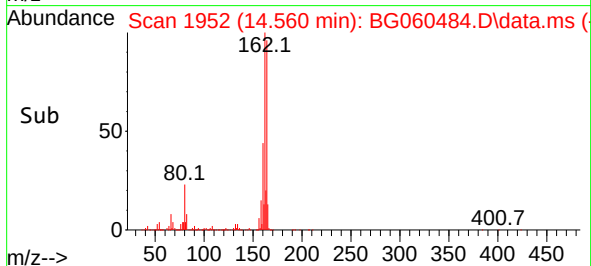
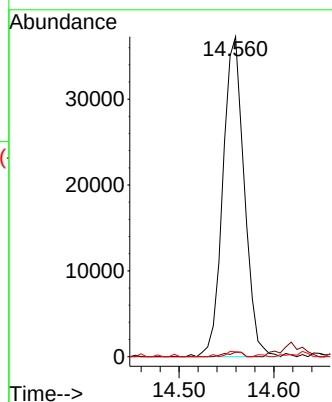
BNA_G

ClientSampleId :

WC-SOIL-20240126



Tgt Ion:	165	Resp:	58417
Ion Ratio	Lower	Upper	
165	100		
63	1.4	35.0	52.4#
89	1.5	36.2	54.2#



#54

2,4-Dinitrophenol

Concen: 8.618 ng

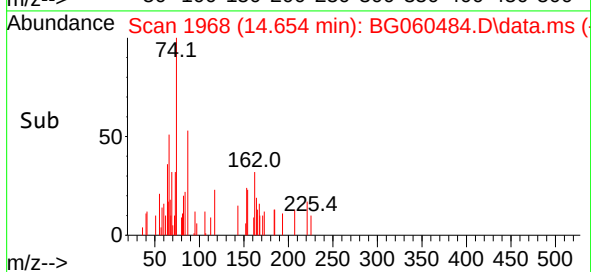
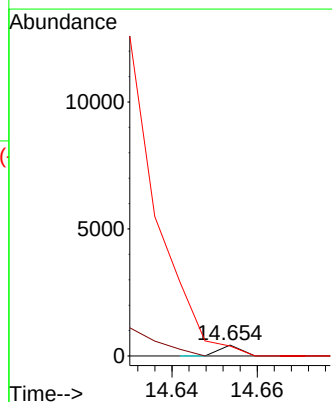
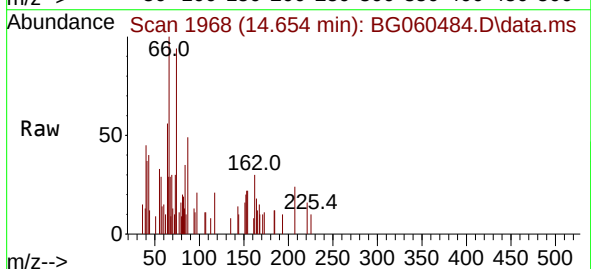
RT: 14.654 min Scan# 1968

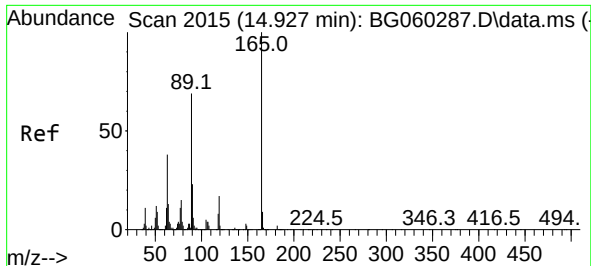
Delta R.T. -0.021 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

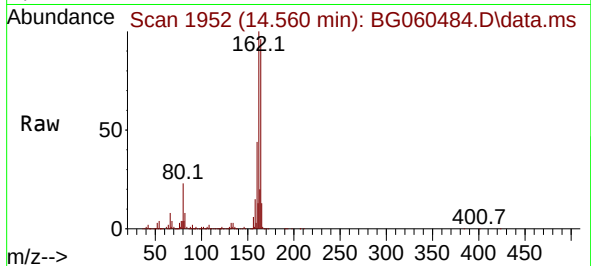
Tgt Ion:	184	Resp:	152
Ion Ratio	Lower	Upper	
184	100		
63	0.0	41.0	61.4#
154	90.3	39.2	58.8#



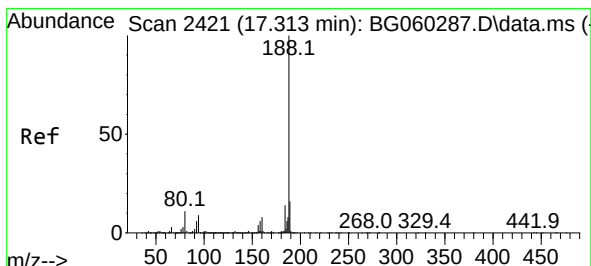
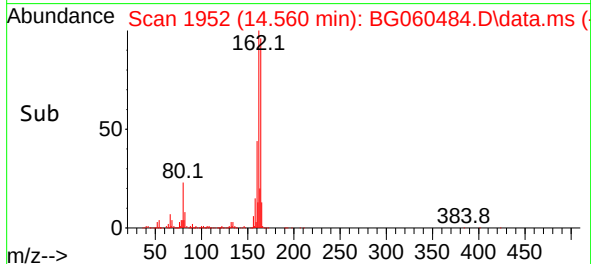
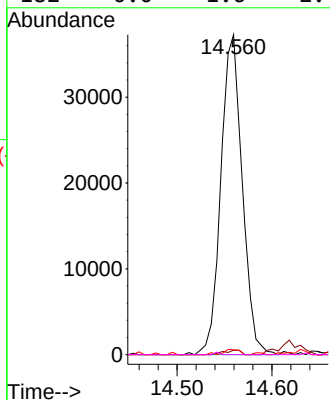


#57
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.368 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

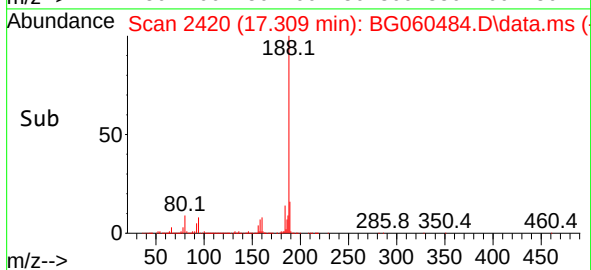
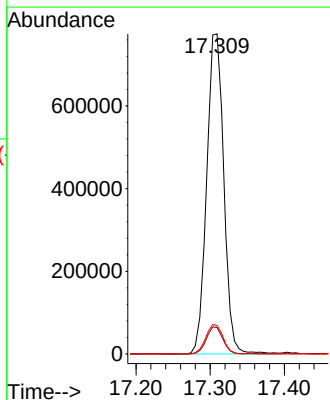
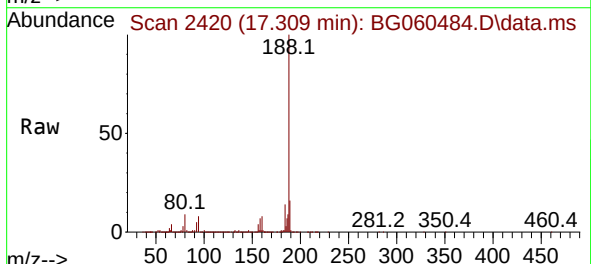


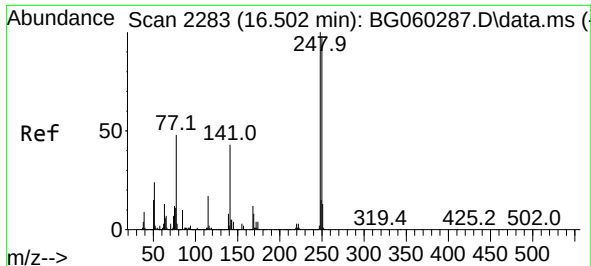
Tgt Ion:165 Resp: 58417
Ion Ratio Lower Upper
165 100
63 1.4 30.4 45.6#
89 1.5 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:188 Resp: 1239955
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 8.8 8.5 12.7

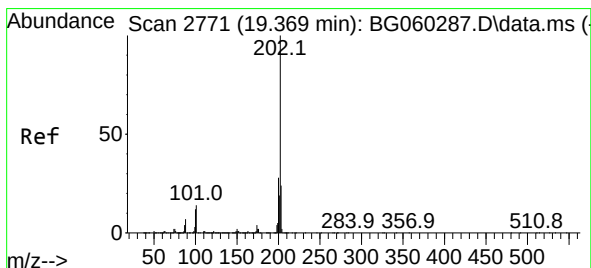
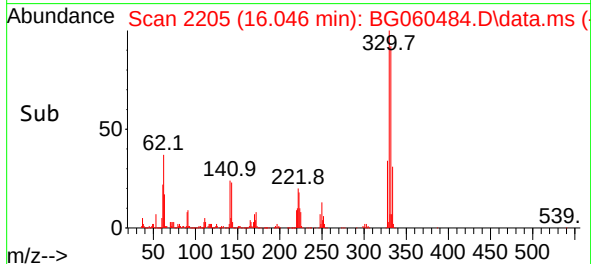
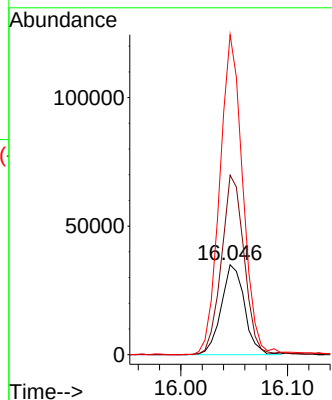
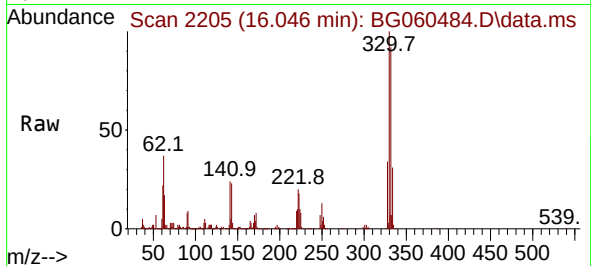




#67
4-Bromophenyl-phenylether
Concen: 3.891 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

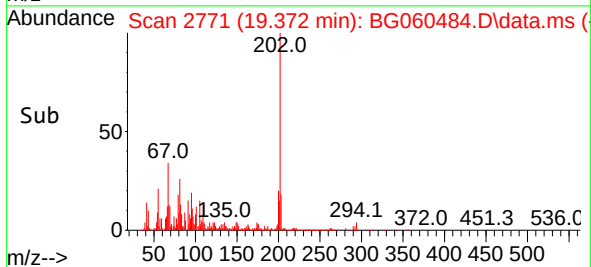
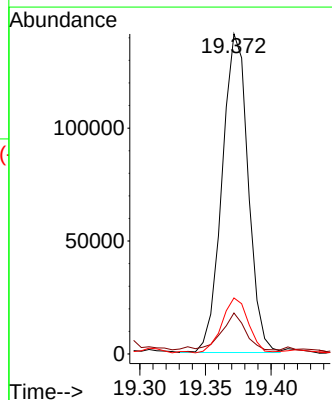
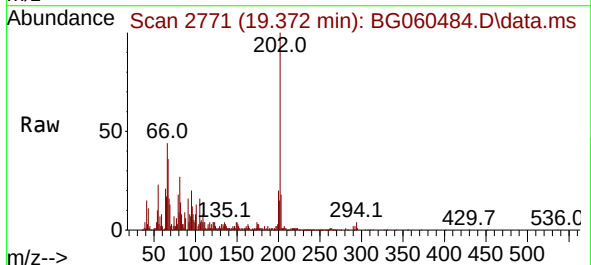
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

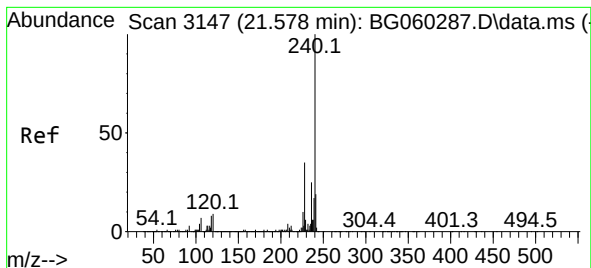
Tgt Ion:248 Resp: 53017
Ion Ratio Lower Upper
248 100
250 199.5 77.6 116.4#
141 355.6 34.2 51.4#



#75
Fluoranthene
Concen: 2.709 ng
RT: 19.372 min Scan# 2771
Delta R.T. 0.003 min
Lab File: BG060484.D
Acq: 30 Jan 2024 15:14

Tgt Ion:202 Resp: 195020
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.4
203 17.5 4.0 44.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126

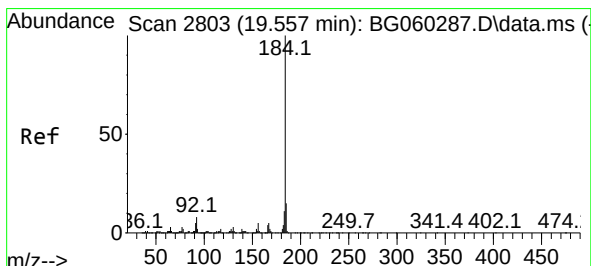
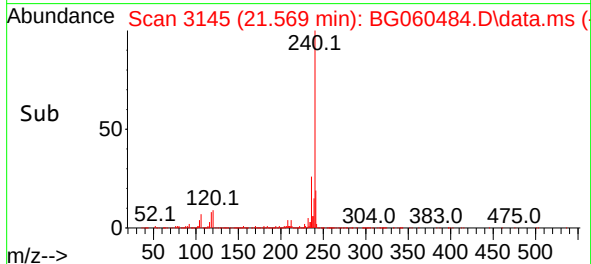
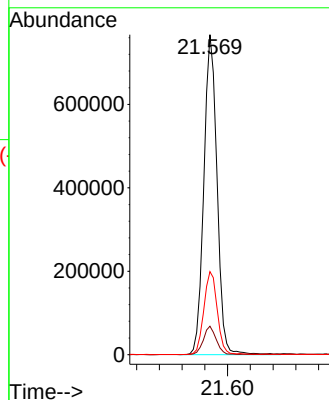
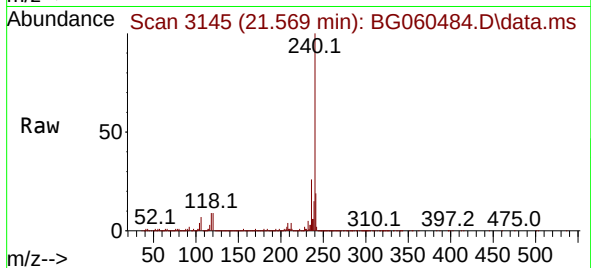
Tgt Ion:240 Resp: 1233453

Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

236 26.0 20.3 30.5



#77

Benzidine

Concen: 2.180 ng

RT: 19.930 min Scan# 2866

Delta R.T. 0.373 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

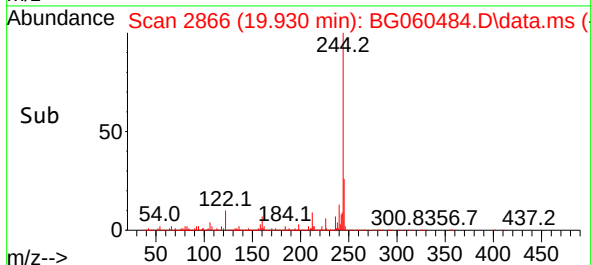
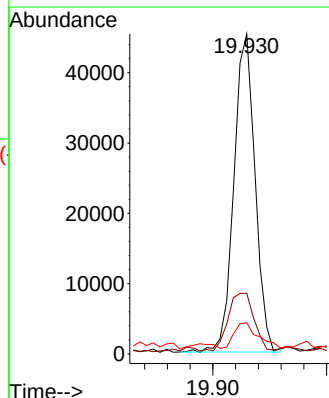
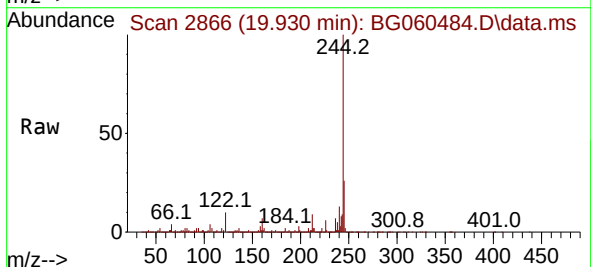
Tgt Ion:184 Resp: 58409

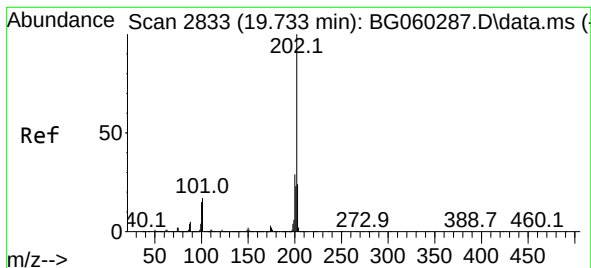
Ion Ratio Lower Upper

184 100

185 18.9 12.2 18.4#

183 9.7 9.0 13.4





#78

Pyrene

Concen: 2.430 ng

RT: 19.730 min Scan# 2833

Delta R.T. -0.003 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126

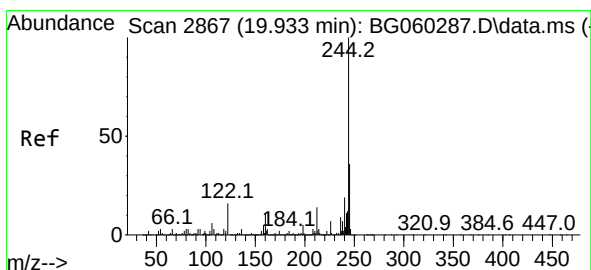
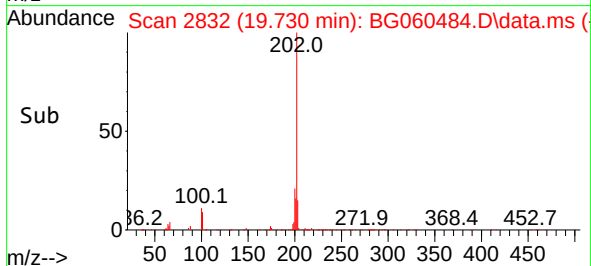
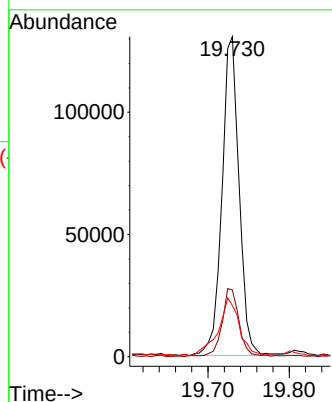
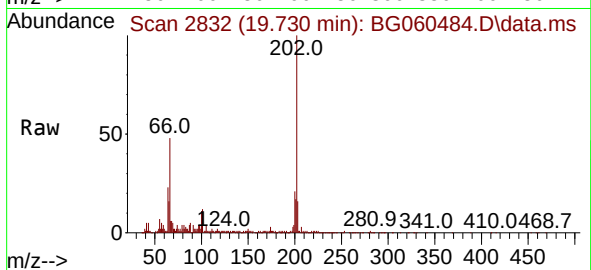
Tgt Ion:202 Resp: 191389

Ion Ratio Lower Upper

202 100

200 20.8 23.5 35.3#

203 16.0 19.6 29.4#



#79

Terphenyl-d14

Concen: 79.276 ng

RT: 19.930 min Scan# 2866

Delta R.T. -0.003 min

Lab File: BG060484.D

Acq: 30 Jan 2024 15:14

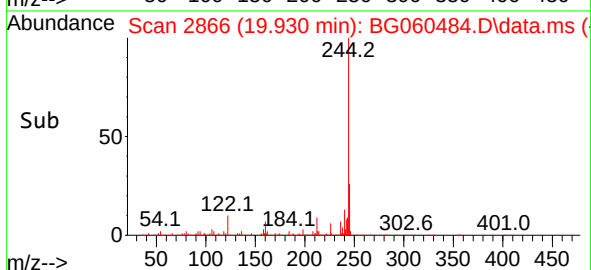
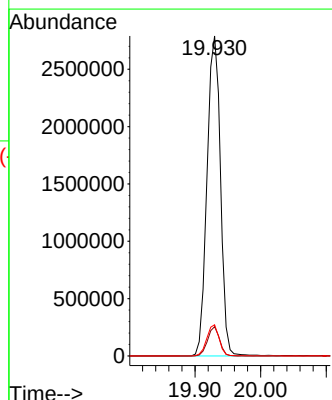
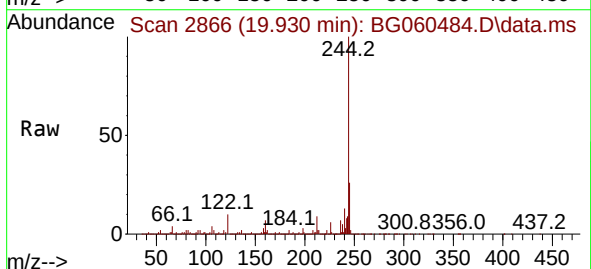
Tgt Ion:244 Resp: 3976319

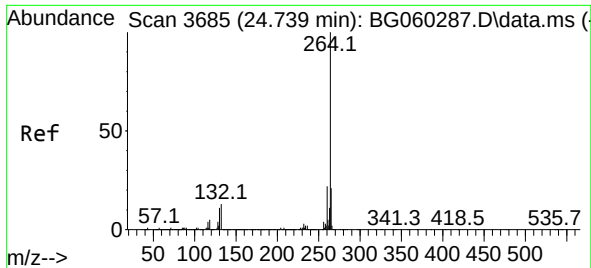
Ion Ratio Lower Upper

244 100

212 9.2 10.9 16.3#

122 9.8 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG060484.D
 Acq: 30 Jan 2024 15:14

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126

Tgt Ion:264 Resp: 1414561
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.8 26.6
 265 22.1 16.8 25.2

