

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062642.D
 Acq On : 4 Sep 2024 14:08
 Operator : MA/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-5 ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 04 14:51:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	54239	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	234825	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	192507	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	539399	20.000	ng	0.00
76) Chrysene-d12	21.537	240	610809	20.000	ng	0.00
86) Perylene-d12	24.610	264	675838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	306402	97.647	ng	0.00
7) Phenol-d6	7.084	99	440581	97.193	ng	0.00
23) Nitrobenzene-d5	9.070	82	337736	77.459	ng	0.00
42) 2,4,6-Tribromophenol	16.038	330	293838	108.460	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	891063	74.976	ng	0.00
79) Terphenyl-d14	19.910	244	2134687	69.297	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	6367	4.871	ng	96
3) Pyridine	3.805	79	15472	4.108	ng	# 81
4) n-Nitrosodimethylamine	3.717	42	8710	4.757	ng	# 84
6) Aniline	7.242	93	21631	5.107	ng	96
8) 2-Chlorophenol	7.489	128	14245	4.228	ng	94
9) Benzaldehyde	7.060	77	15697	5.953	ng	95
10) Phenol	7.107	94	19673	4.287	ng	90
11) bis(2-Chloroethyl)ether	7.342	93	15370	4.375	ng	95
12) 1,3-Dichlorobenzene	7.812	146	16172	4.374	ng	93
13) 1,4-Dichlorobenzene	7.953	146	16189m	4.255	ng	
14) 1,2-Dichlorobenzene	8.270	146	15979	4.273	ng	96
15) Benzyl Alcohol	8.153	79	13407	3.997	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.435	45	28454	4.249	ng	99
17) 2-Methylphenol	8.359	107	11992	3.749	ng	89
18) Hexachloroethane	8.999	117	6070	4.255	ng	95
19) n-Nitroso-di-n-propyla...	8.711	70	13387	3.748	ng	97
20) 3+4-Methylphenols	8.682	107	17143	3.633	ng	99
22) Acetophenone	8.735	105	26875	4.242	ng	# 98
24) Nitrobenzene	9.117	77	20478	4.417	ng	93
25) Isophorone	9.634	82	38405	4.013	ng	# 89
26) 2-Nitrophenol	9.827	139	7465	4.262	ng	# 90
27) 2,4-Dimethylphenol	9.886	122	11721m	4.567	ng	
28) bis(2-Chloroethoxy)met...	10.121	93	22113	4.316	ng	95
29) 2,4-Dichlorophenol	10.362	162	15983	4.454	ng	92
30) 1,2,4-Trichlorobenzene	10.579	180	19575	4.601	ng	91
31) Naphthalene	10.762	128	51209	4.400	ng	# 95
32) Benzoic acid	9.945	122	6432m	2.330	ng	
33) 4-Chloroaniline	10.867	127	19960	4.358	ng	# 91
34) Hexachlorobutadiene	11.055	225	12997	4.374	ng	96
35) Caprolactam	11.614	113	5894	4.260	ng	# 81
36) 4-Chloro-3-methylphenol	11.996	107	16162	3.734	ng	88
37) 2-Methylnaphthalene	12.372	142	37495	4.153	ng	96
38) 1-Methylnaphthalene	12.589	142	36277m	4.002	ng	
40) 1,2,4,5-Tetrachloroben...	12.742	216	26821	4.633	ng	98
41) Hexachlorocyclopentadiene	12.724	237	4488	2.717	ng	86
43) 2,4,6-Trichlorophenol	12.977	196	14933	4.069	ng	94

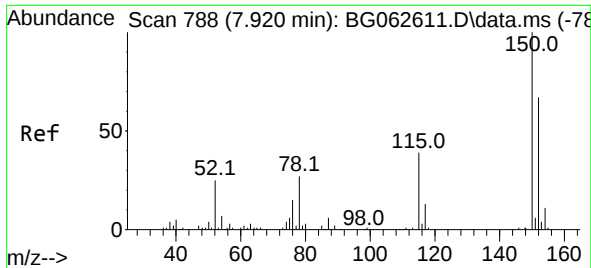
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	17153	4.127	ng	96
46) 1,1'-Biphenyl	13.382	154	58637	4.566	ng	98
47) 2-Chloronaphthalene	13.423	162	45895	4.409	ng	95
48) 2-Nitroaniline	13.617	65	11379	4.157	ng	87
49) Acenaphthylene	14.269	152	73793	4.787	ng	97
50) Dimethylphthalate	13.999	163	62231	4.421	ng	99
51) 2,6-Dinitrotoluene	14.117	165	10898	4.093	ng	90
52) Acenaphthene	14.610	154	41358	4.292	ng	96
53) 3-Nitroaniline	14.446	138	11182	4.340	ng #	94
54) 2,4-Dinitrophenol	14.657	184	3417	2.287	ng	93
55) Dibenzofuran	14.945	168	75796	4.587	ng	95
56) 4-Nitrophenol	14.751	139	8623	3.949	ng	90
57) 2,4-Dinitrotoluene	14.904	165	14065	3.872	ng	88
58) Fluorene	15.591	166	57150	4.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.174	232	17345	4.405	ng #	95
60) Diethylphthalate	15.362	149	59949	4.297	ng	100
61) 4-Chlorophenyl-phenyle...	15.591	204	34808	4.675	ng	93
62) 4-Nitroaniline	15.603	138	11247	3.959	ng	93
63) Azobenzene	15.879	77	54838	4.186	ng	98
65) 4,6-Dinitro-2-methylph...	15.668	198	7893	3.279	ng	89
66) n-Nitrosodiphenylamine	15.797	169	52492	4.048	ng	99
67) 4-Bromophenyl-phenylether	16.478	248	23533	4.227	ng	93
68) Hexachlorobenzene	16.602	284	27708	4.203	ng #	94
69) Atrazine	16.749	200	24956	5.666	ng	96
70) Pentachlorophenol	16.943	266	11718	2.775	ng	97
71) Phenanthrene	17.330	178	117369	4.662	ng	98
72) Anthracene	17.424	178	108538	4.385	ng	98
73) Carbazole	17.689	167	100183	4.402	ng	99
74) Di-n-butylphthalate	18.259	149	108936	4.245	ng #	98
75) Fluoranthene	19.346	202	146187	4.591	ng	97
77) Benzidine	19.528	184	41128	3.736	ng #	94
78) Pyrene	19.704	202	158213	4.075	ng	99
80) Butylbenzylphthalate	20.603	149	41935	3.677	ng	97
81) Benzo(a)anthracene	21.520	228	172303	4.472	ng	96
82) 3,3'-Dichlorobenzidine	21.437	252	55698	4.438	ng	98
83) Chrysene	21.578	228	164072	4.446	ng	98
84) Bis(2-ethylhexyl)phtha...	21.437	149	69162	3.992	ng	99
85) Di-n-octyl phthalate	22.601	149	111214	3.666	ng	98
87) Indeno(1,2,3-cd)pyrene	28.065	276	188609	4.352	ng #	93
88) Benzo(b)fluoranthene	23.635	252	155851	4.175	ng	99
89) Benzo(k)fluoranthene	23.699	252	159794	4.376	ng	99
90) Benzo(a)pyrene	24.463	252	143386	4.348	ng	97
91) Dibenzo(a,h)anthracene	28.124	278	157513	4.412	ng	95
92) Benzo(g,h,i)perylene	29.146	276	147724	4.104	ng	98

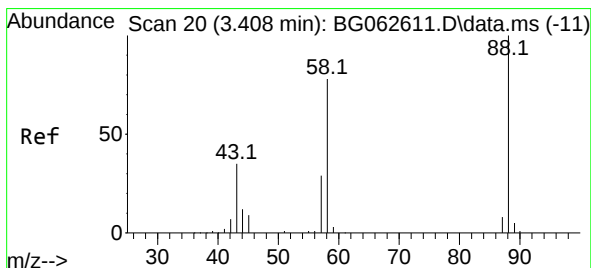
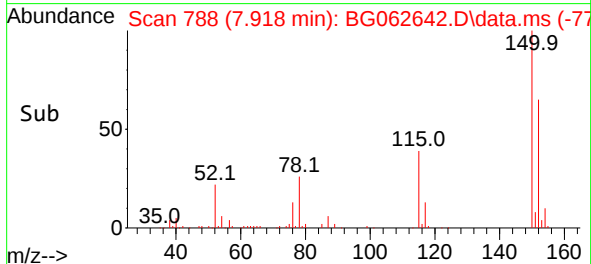
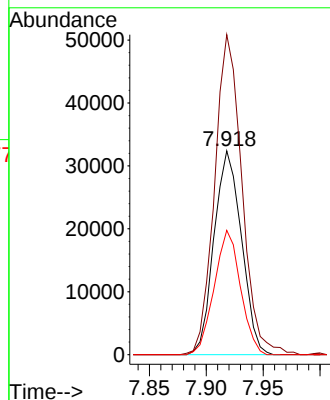
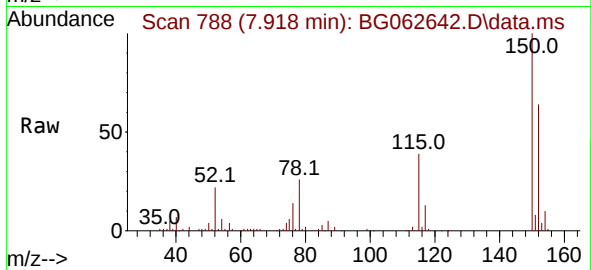
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.918 min Scan# 71
 Delta R.T. -0.002 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

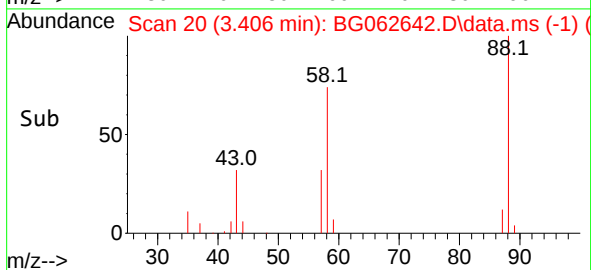
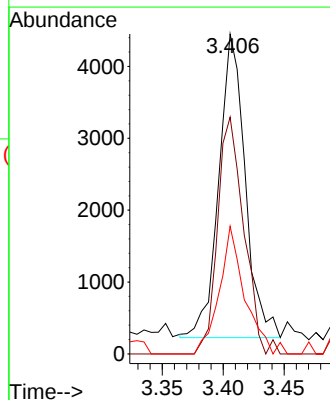
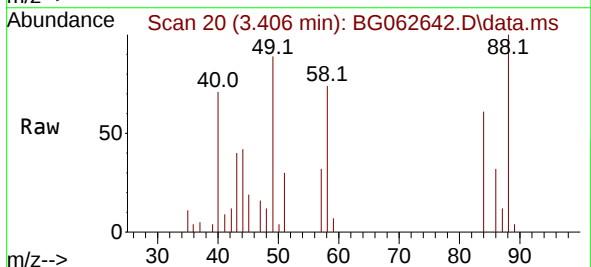
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

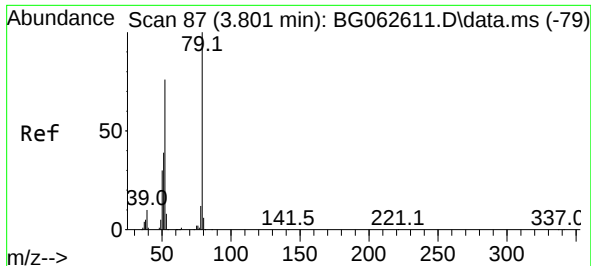
Tgt Ion:152 Resp: 54239
 Ion Ratio Lower Upper
 152 100
 150 157.0 119.9 179.9
 115 61.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 4.871 ng
 RT: 3.406 min Scan# 20
 Delta R.T. -0.002 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

Tgt Ion: 88 Resp: 6367
 Ion Ratio Lower Upper
 88 100
 58 77.4 62.3 93.5
 43 40.9 27.5 41.3

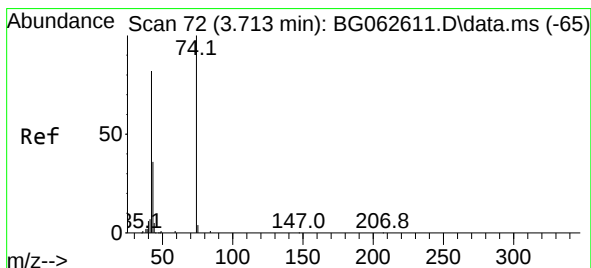
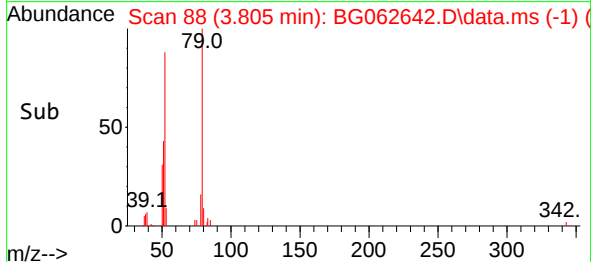
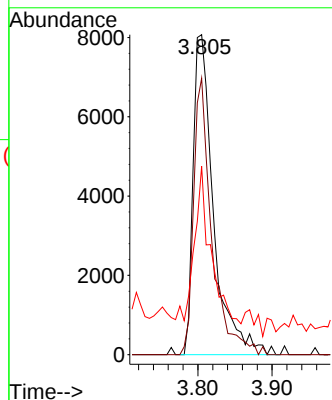
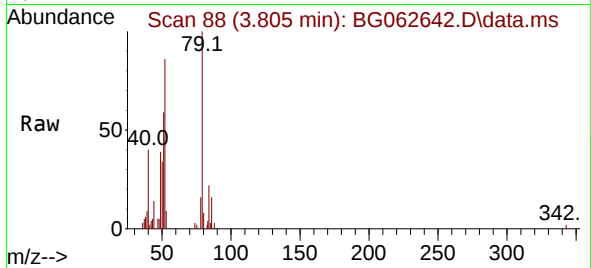




#3
 Pyridine
 Concen: 4.108 ng
 RT: 3.805 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

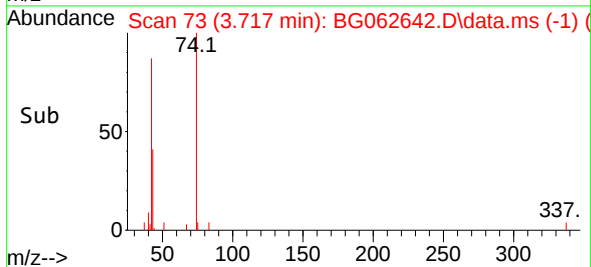
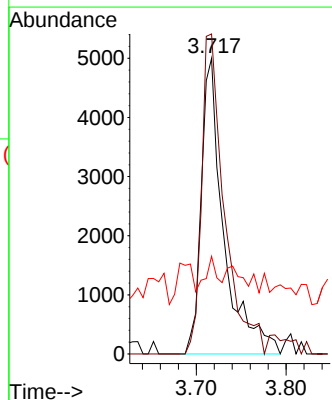
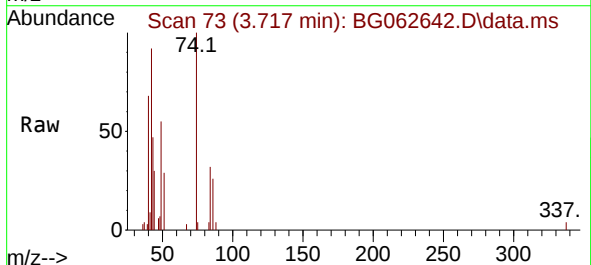
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

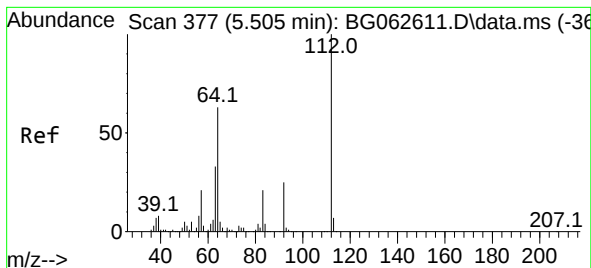
Tgt Ion: 79 Resp: 15472
 Ion Ratio Lower Upper
 79 100
 52 86.4 60.9 91.3
 51 58.9 31.5 47.3#



#4
 n-Nitrosodimethylamine
 Concen: 4.757 ng
 RT: 3.717 min Scan# 73
 Delta R.T. 0.004 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

Tgt Ion: 42 Resp: 8710
 Ion Ratio Lower Upper
 42 100
 74 108.3 98.0 147.0
 44 33.0 7.4 11.2#





#5

2-Fluorophenol

Concen: 97.647 ng

RT: 5.497 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

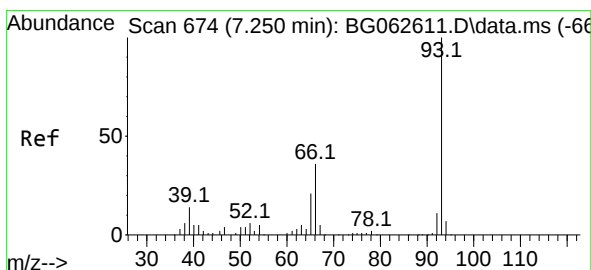
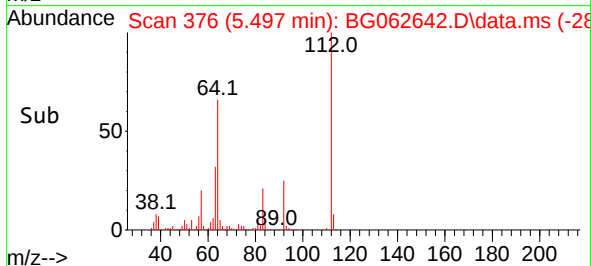
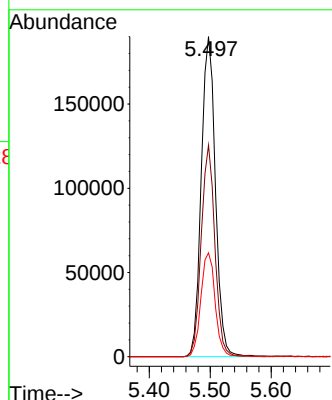
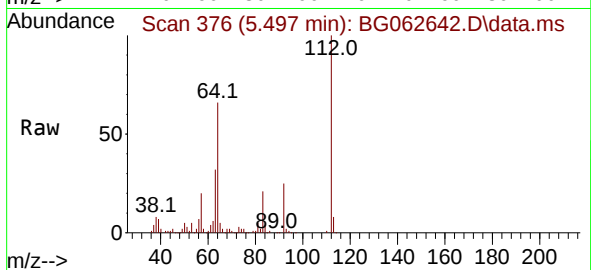
Tgt Ion:112 Resp: 306402

Ion Ratio Lower Upper

112 100

64 66.1 50.2 75.2

63 32.5 26.6 39.8



#6

Aniline

Concen: 5.107 ng

RT: 7.242 min Scan# 673

Delta R.T. -0.008 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

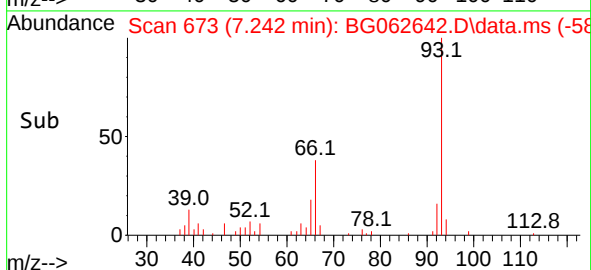
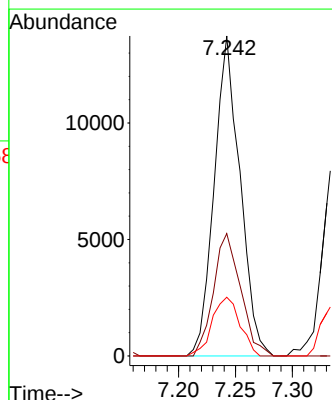
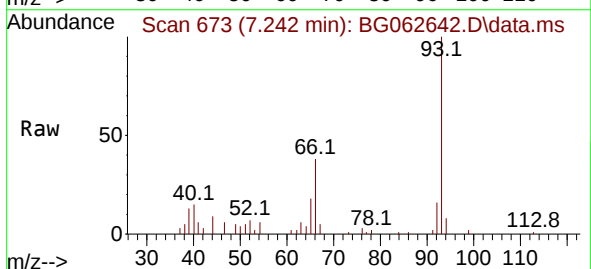
Tgt Ion: 93 Resp: 21631

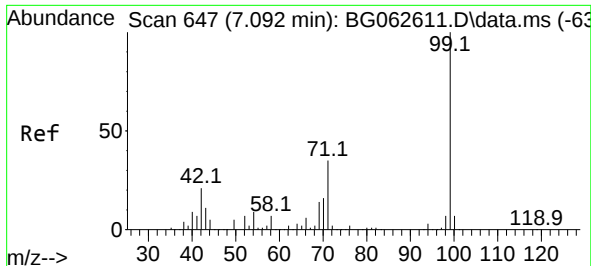
Ion Ratio Lower Upper

93 100

66 38.2 29.1 43.7

65 18.3 16.6 25.0

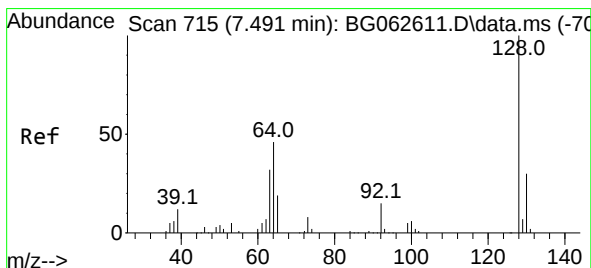
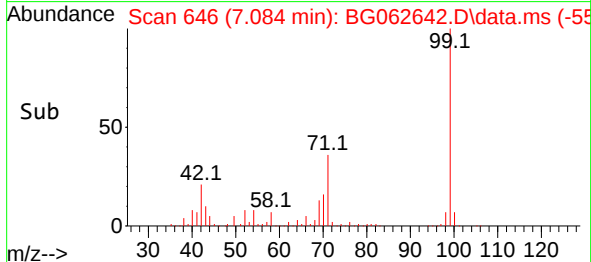
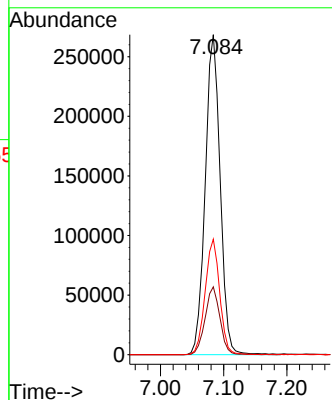
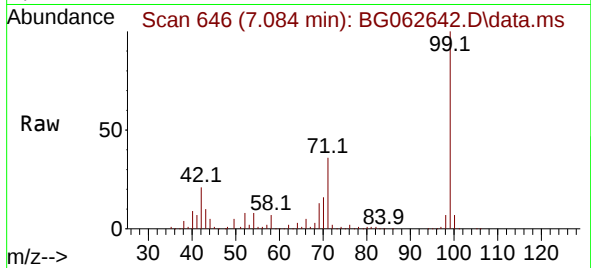




#7
Phenol-d6
Concen: 97.193 ng
RT: 7.084 min Scan# 647
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

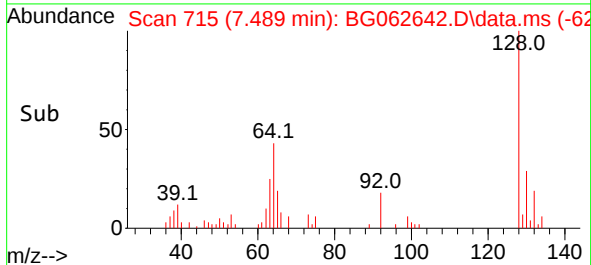
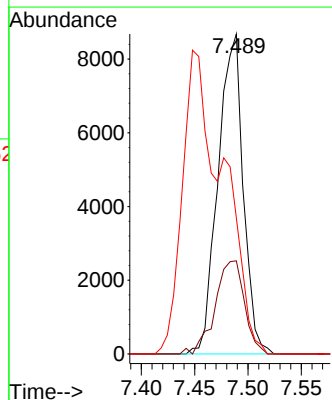
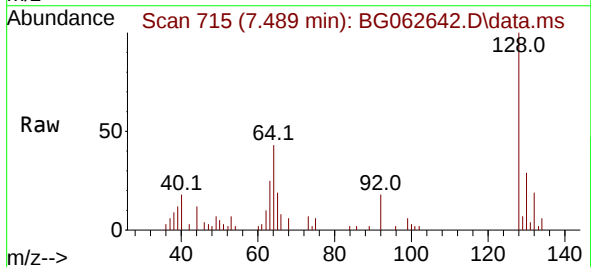
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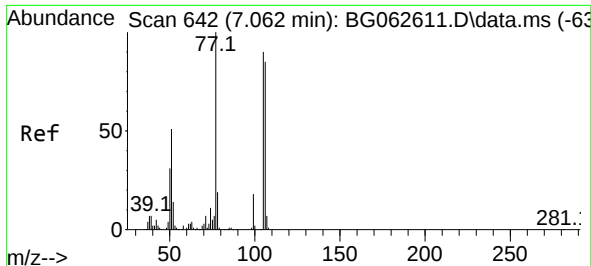
Tgt Ion: 99 Resp: 440581
Ion Ratio Lower Upper
99 100
42 21.2 16.9 25.3
71 36.1 27.9 41.9



#8
2-Chlorophenol
Concen: 4.228 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:128 Resp: 14245
Ion Ratio Lower Upper
128 100
130 29.1 10.0 50.0
64 42.5 28.8 68.8

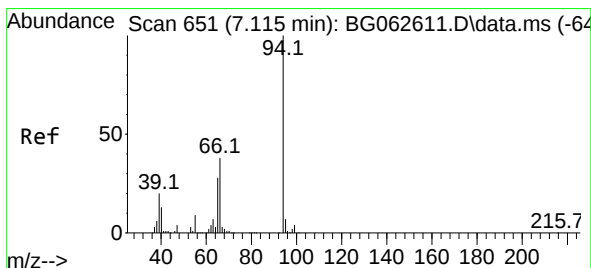
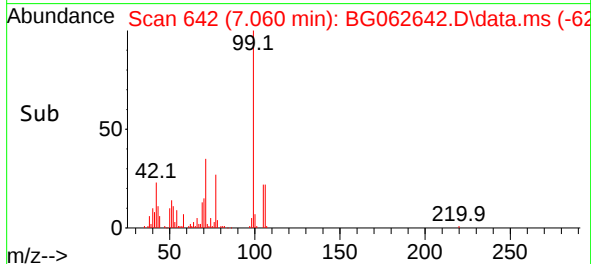
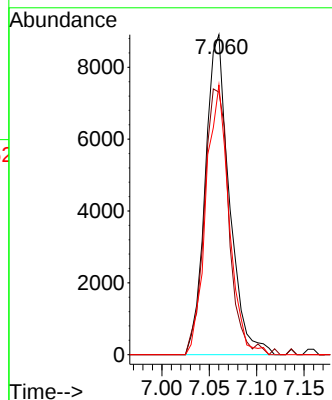
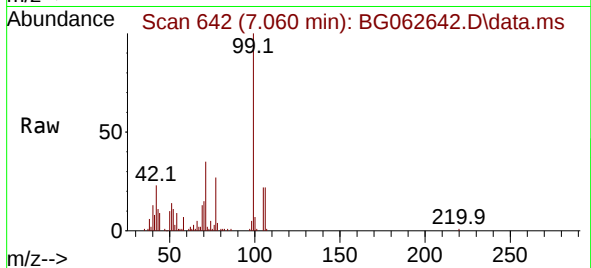




#9
Benzaldehyde
Concen: 5.953 ng
RT: 7.060 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

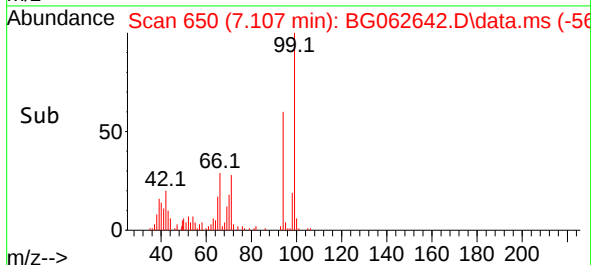
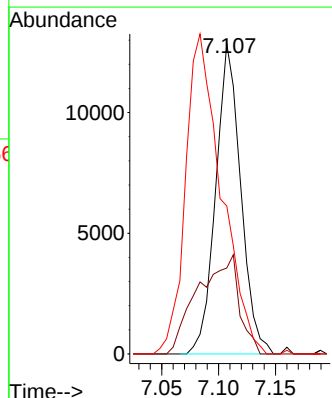
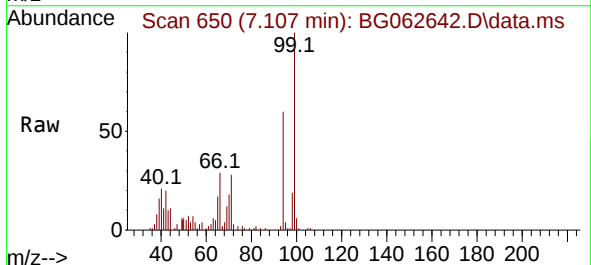
Instrument :
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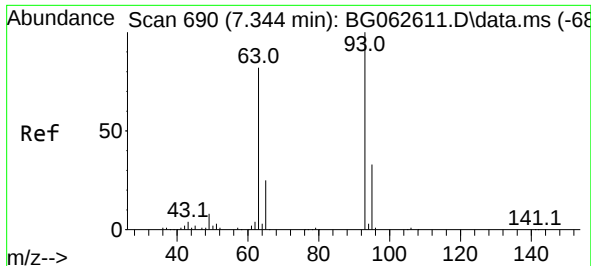
Tgt Ion: 77 Resp: 15697
Ion Ratio Lower Upper
77 100
105 82.0 70.2 110.2
106 84.3 65.4 105.4



#10
Phenol
Concen: 4.287 ng
RT: 7.107 min Scan# 650
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion: 94 Resp: 19673
Ion Ratio Lower Upper
94 100
65 27.7 8.6 48.6
66 47.7 18.2 58.2

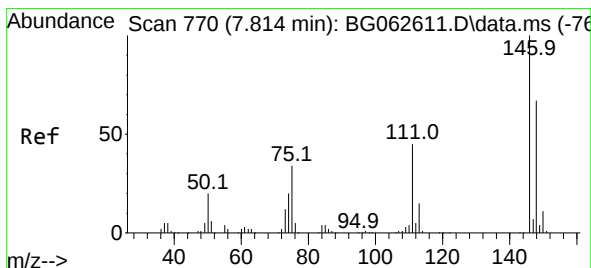
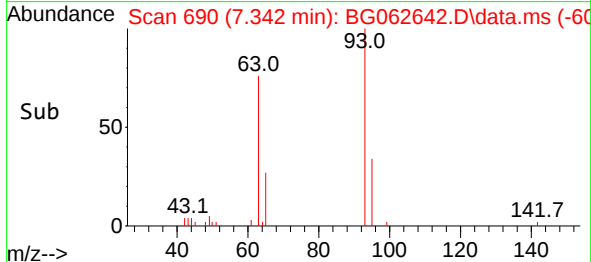
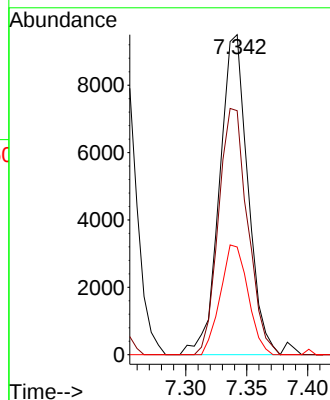
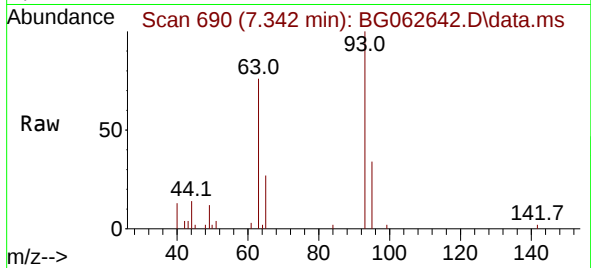




#11
bis(2-Chloroethyl)ether
Concen: 4.375 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

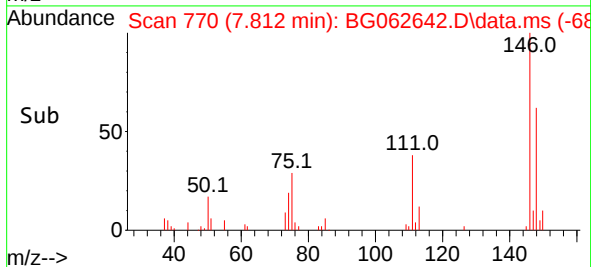
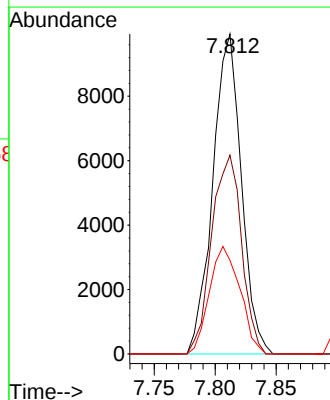
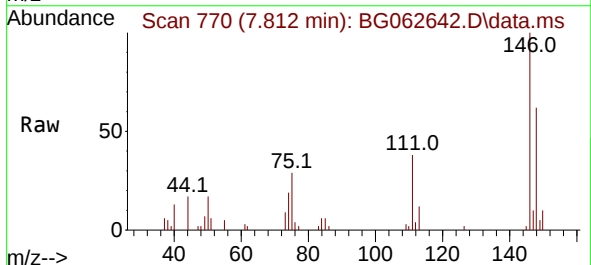
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

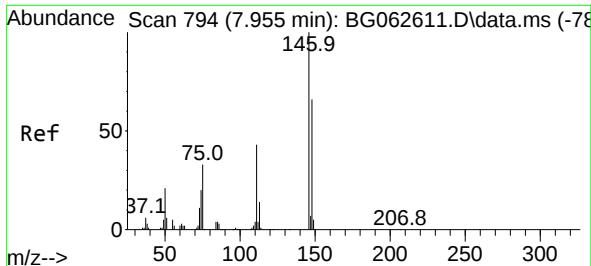
Tgt Ion: 93	Resp: 15370
Ion Ratio	Lower Upper
93 100	
63 76.3	61.9 101.9
95 33.6	12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 4.374 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:146	Resp:	16172	
Ion	Ratio	Lower	Upper
146	100		
148	62.1	53.9	80.9
75	29.2	27.0	40.4

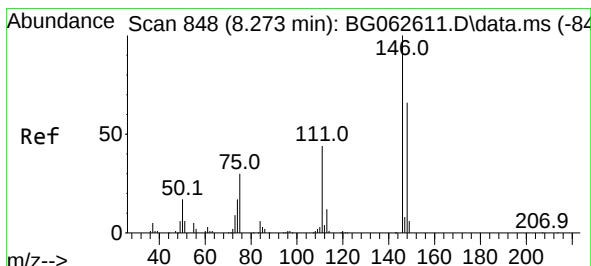
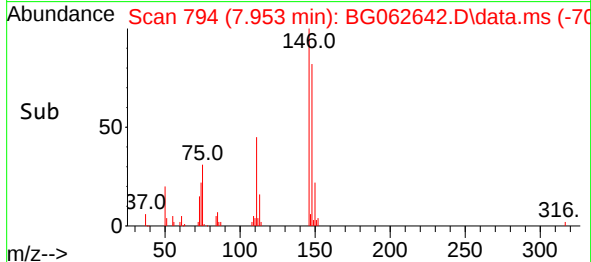
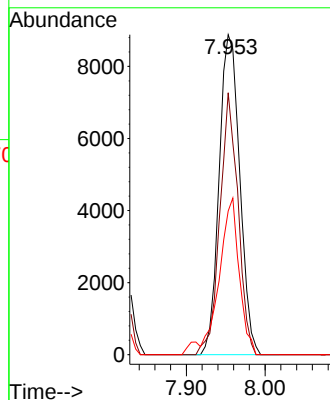
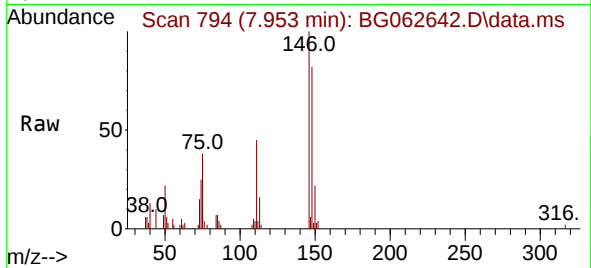




#13
1,4-Dichlorobenzene
Concen: 4.255 ng m
RT: 7.953 min Scan# 794
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

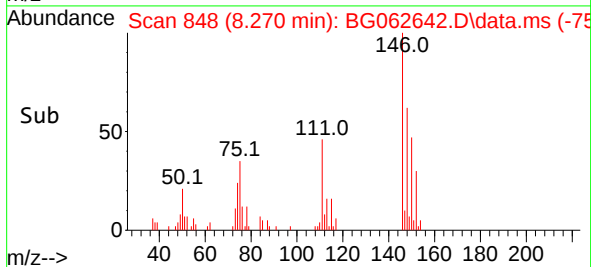
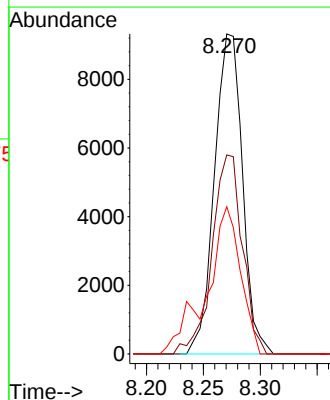
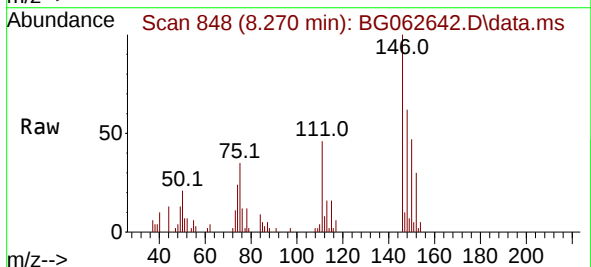
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

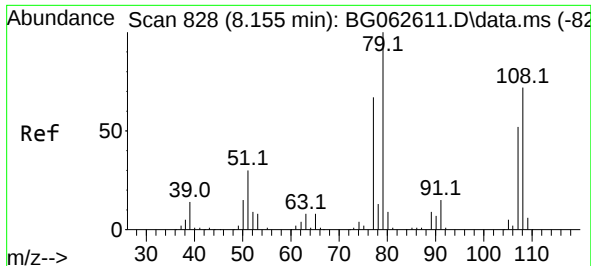
Tgt Ion:146 Resp: 16189
Ion Ratio Lower Upper
146 100
148 81.9 53.0 79.6#
111 44.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 4.273 ng
RT: 8.270 min Scan# 848
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:146 Resp: 15979
Ion Ratio Lower Upper
146 100
148 62.2 52.5 78.7
111 46.0 35.5 53.3

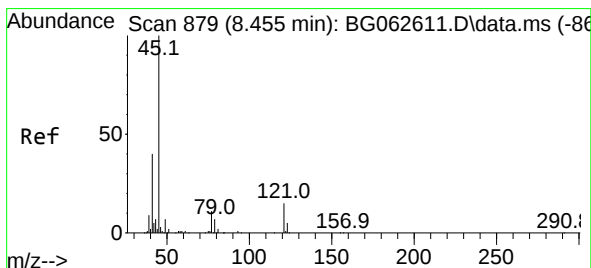
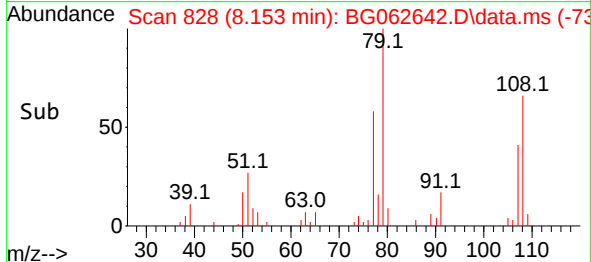
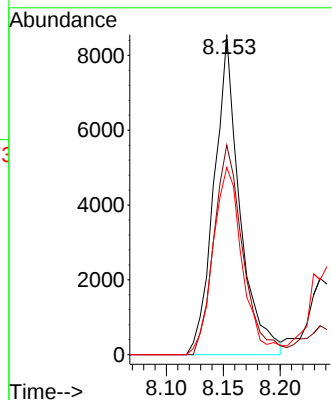
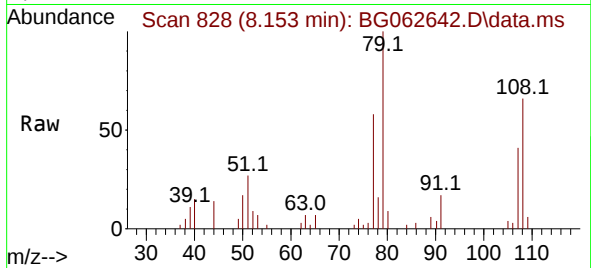




#15
Benzyl Alcohol
Concen: 3.997 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

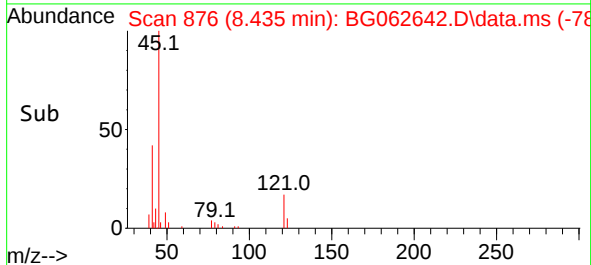
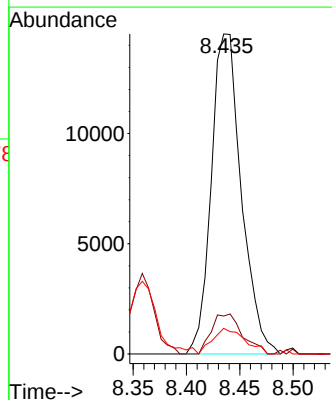
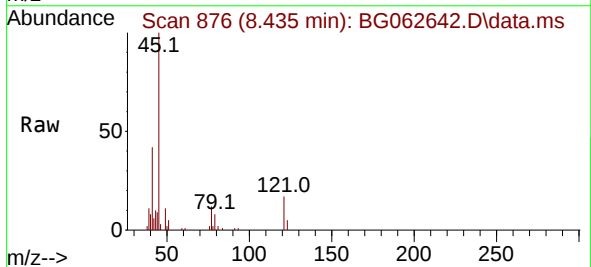
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

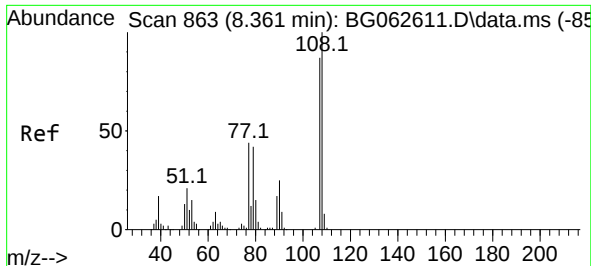
Tgt Ion: 79	Resp: 13407
Ion Ratio	Lower Upper
79 100	
108 65.5	57.9 86.9
77 58.5	53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.249 ng
RT: 8.435 min Scan# 876
Delta R.T. -0.020 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion: 45	Resp: 28454
Ion Ratio	Lower Upper
45 100	
77 11.8	0.0 31.7
79 8.0	0.0 28.3

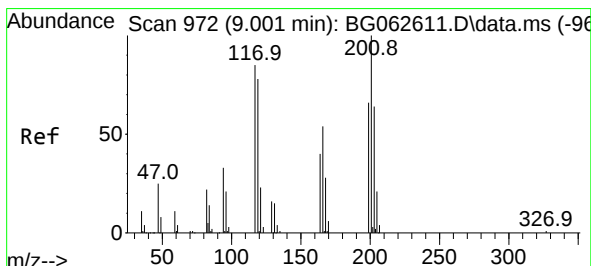
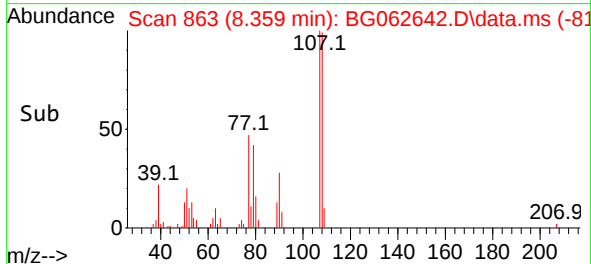
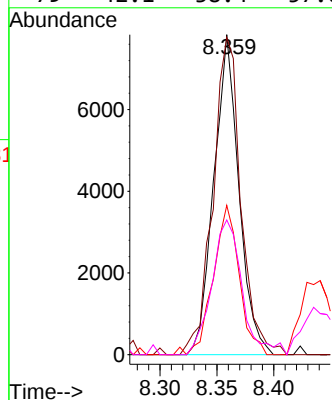
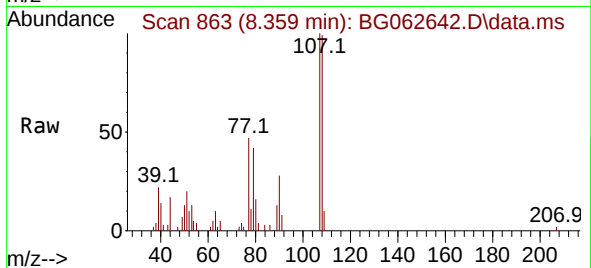




#17
2-Methylphenol
Concen: 3.749 ng
RT: 8.359 min Scan# 863
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

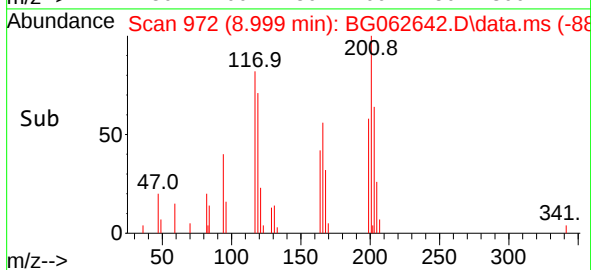
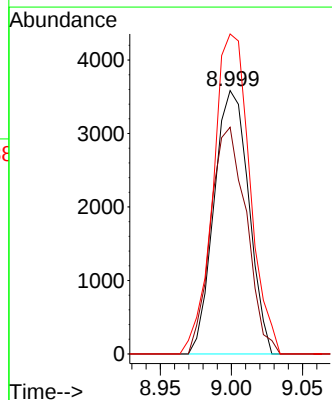
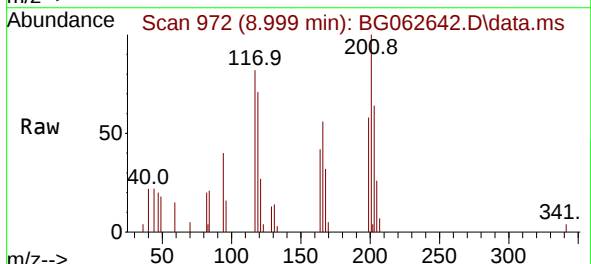
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

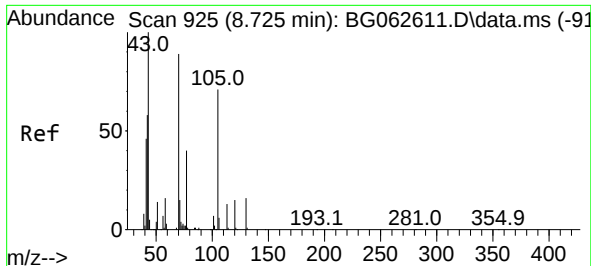
Tgt Ion:	107	Resp:	11992
Ion	Ratio	Lower	Upper
107	100		
108	99.2	91.5	137.3
77	46.6	40.0	60.0
79	42.1	38.4	57.6



#18
Hexachloroethane
Concen: 4.255 ng
RT: 8.999 min Scan# 972
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:	117	Resp:	6070
Ion	Ratio	Lower	Upper
117	100		
119	86.1	73.4	110.0
201	121.5	93.9	140.9

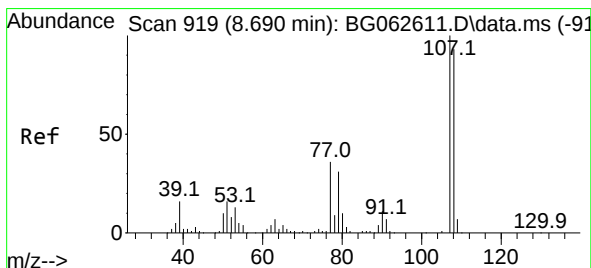
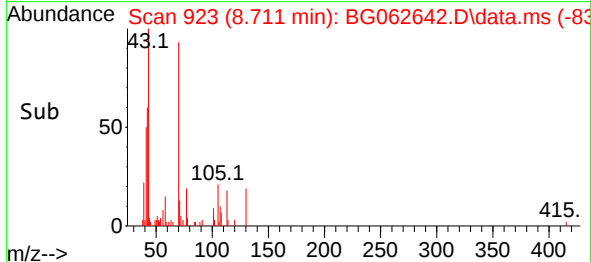
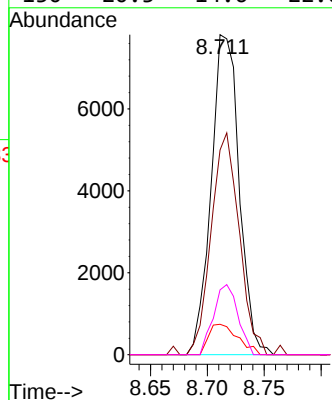
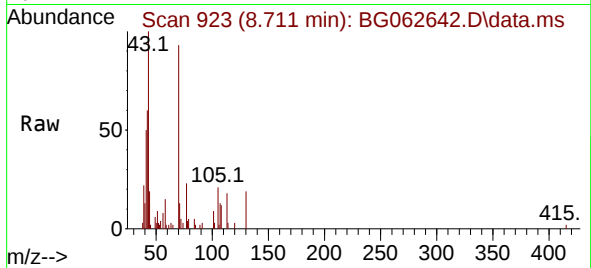




#19
n-Nitroso-di-n-propylamine
Concen: 3.748 ng
RT: 8.711 min Scan# 911
Delta R.T. -0.014 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

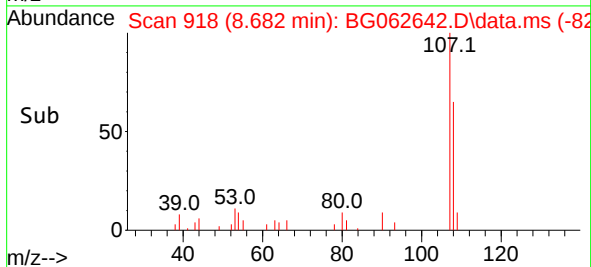
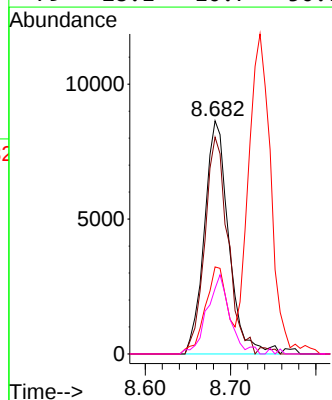
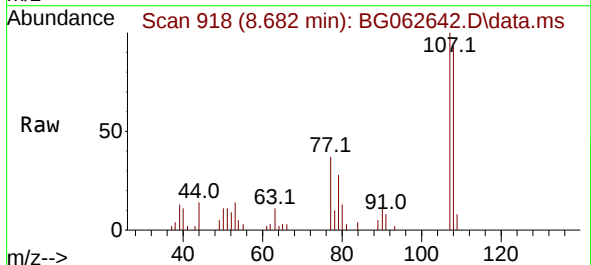
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

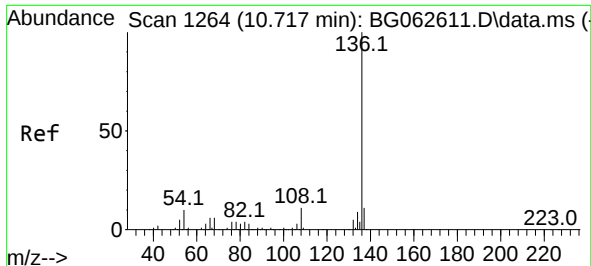
Tgt Ion:	70	Resp:	13387
Ion	Ratio	Lower	Upper
70	100		
42	63.9	52.3	78.5
101	9.5	6.6	9.8
130	20.3	14.6	22.0



#20
3+4-Methylphenols
Concen: 3.633 ng
RT: 8.682 min Scan# 918
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:	107	Resp:	17143
Ion	Ratio	Lower	Upper
107	100		
108	93.0	72.7	112.7
77	37.4	16.5	56.5
79	28.1	10.7	50.7

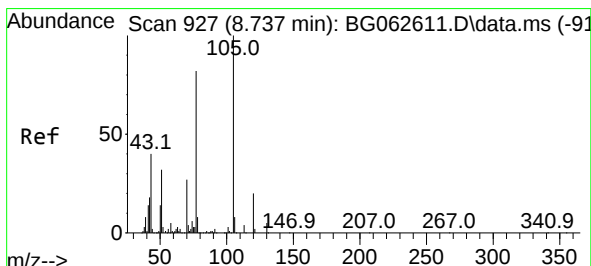
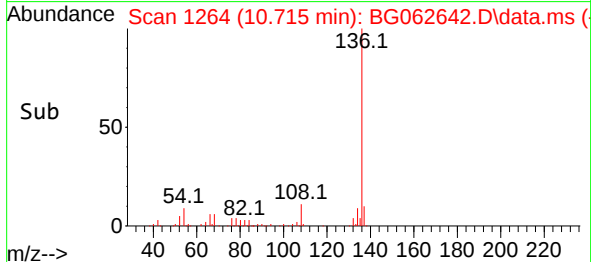
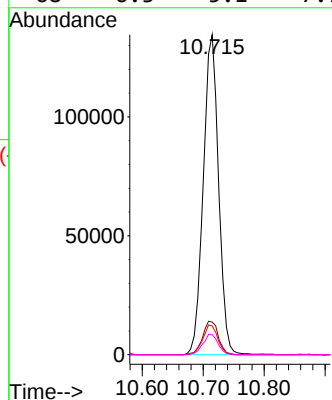
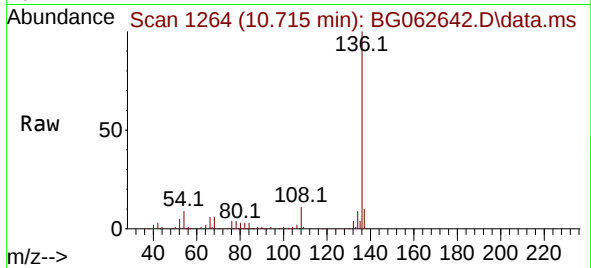




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

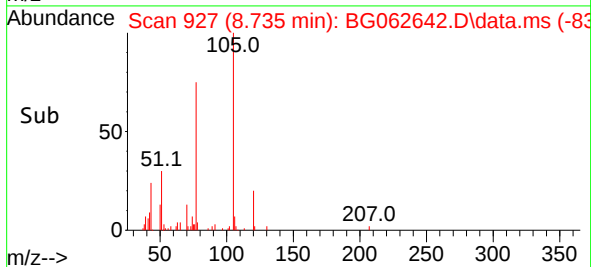
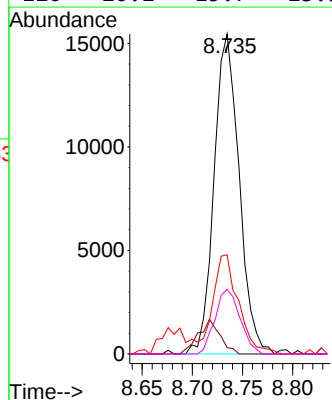
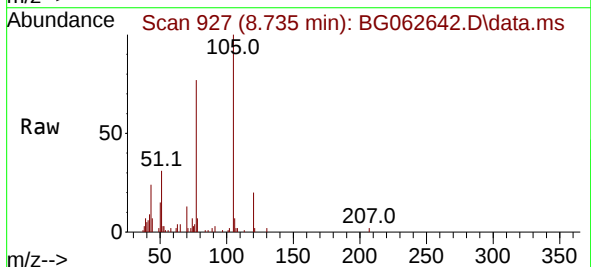
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2024

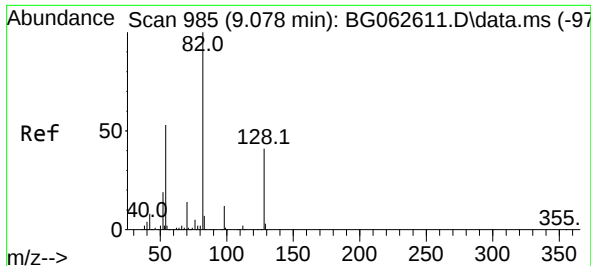
Tgt Ion:	136	Resp:	234825
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.0	13.4
54	9.0	7.8	11.6
68	6.3	5.1	7.7



#22
Acetophenone
Concen: 4.242 ng
RT: 8.735 min Scan# 927
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:	105	Resp:	26875
Ion Ratio	Lower	Upper	
105	100		
71	2.0	3.5	5.3#
51	31.0	25.7	38.5
120	20.2	15.7	23.5

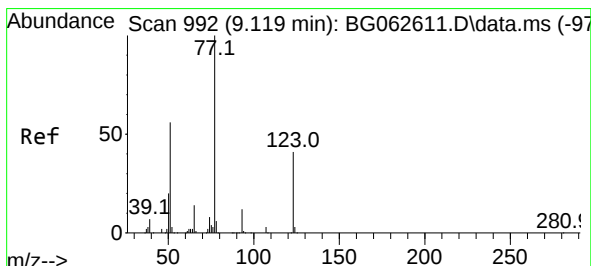
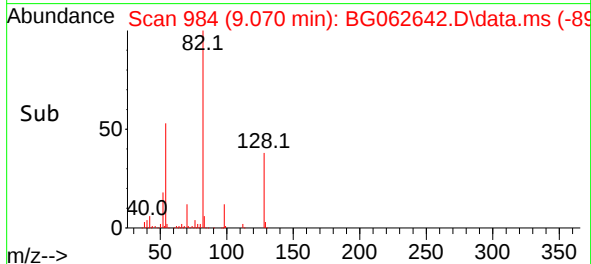
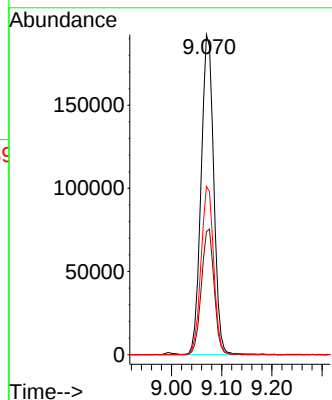
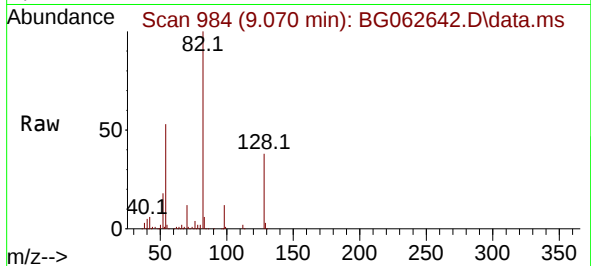




#23
Nitrobenzene-d5
Concen: 77.459 ng
RT: 9.070 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

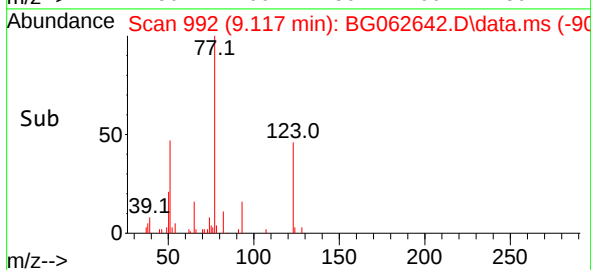
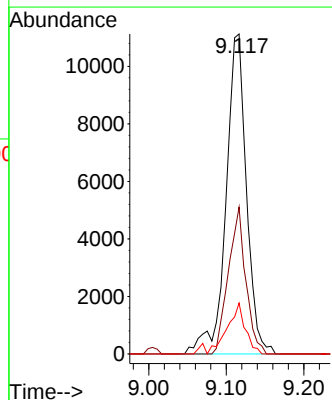
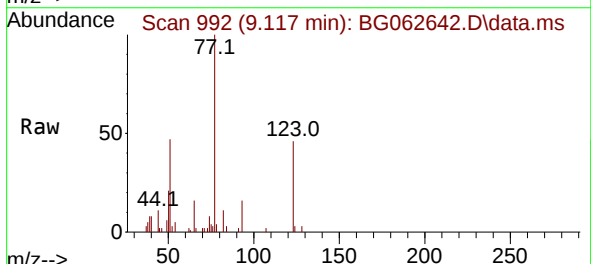
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

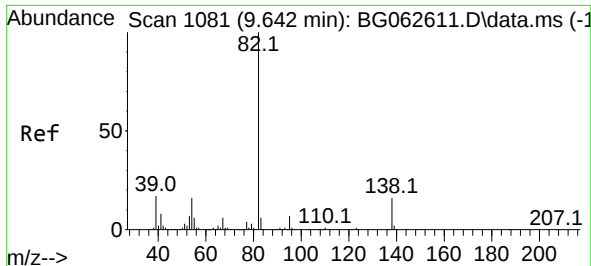
Tgt Ion: 82 Resp: 337736
Ion Ratio Lower Upper
82 100
128 38.4 32.5 48.7
54 52.6 42.5 63.7



#24
Nitrobenzene
Concen: 4.417 ng
RT: 9.117 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion: 77 Resp: 20478
Ion Ratio Lower Upper
77 100
123 45.9 33.1 49.7
65 15.9 11.0 16.4

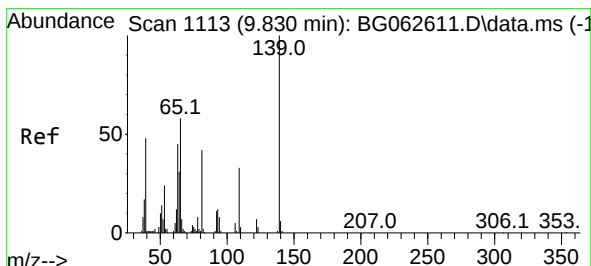
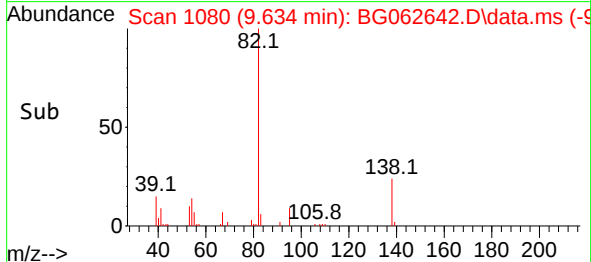
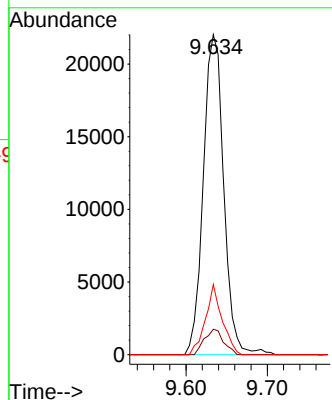
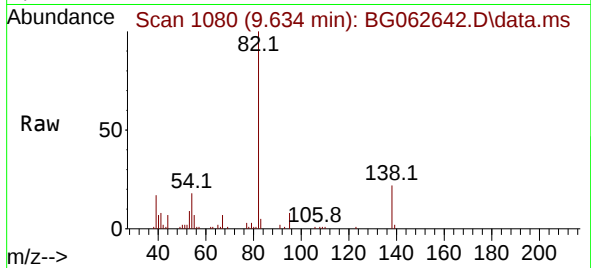




#25
Isophorone
Concen: 4.013 ng
RT: 9.634 min Scan# 1081
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

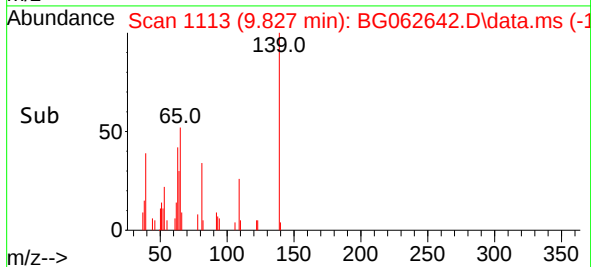
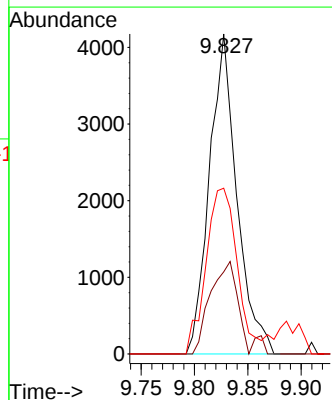
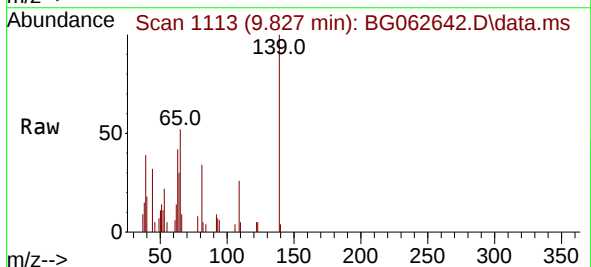
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2024

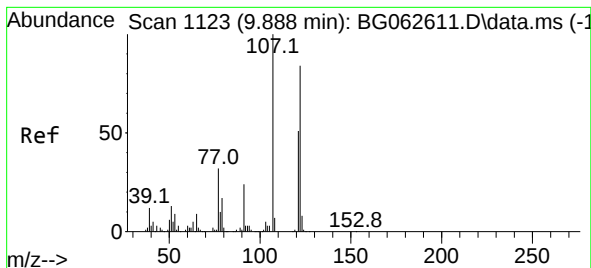
Tgt Ion: 82 Resp: 38405
Ion Ratio Lower Upper
82 100
95 8.0 5.4 8.0
138 21.9 12.6 18.8#



#26
2-Nitrophenol
Concen: 4.262 ng
RT: 9.827 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:139 Resp: 7465
Ion Ratio Lower Upper
139 100
109 25.7 26.6 39.8#
65 51.8 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 4.567 ng m

RT: 9.886 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

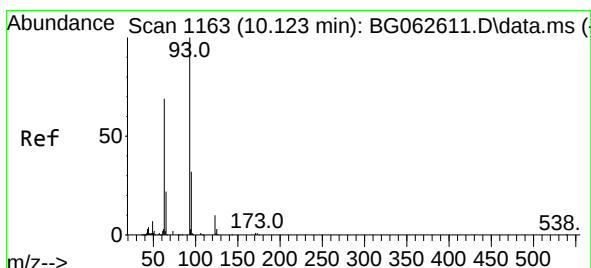
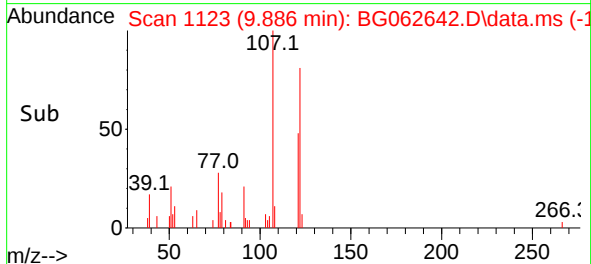
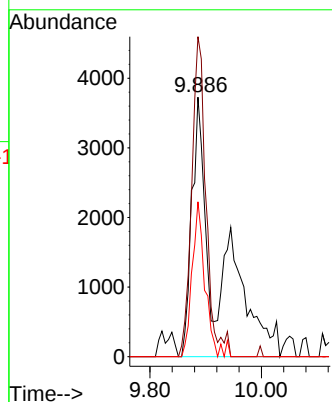
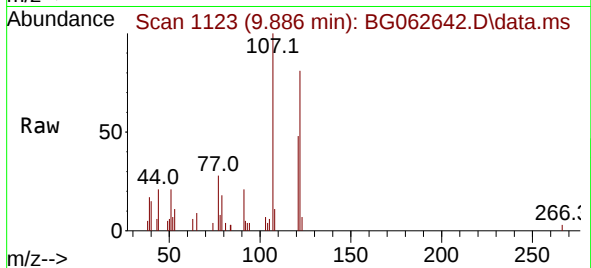
Tgt Ion:122 Resp: 11721

Ion Ratio Lower Upper

122 100

107 123.3 95.8 143.6

121 59.6 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 4.316 ng

RT: 10.121 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

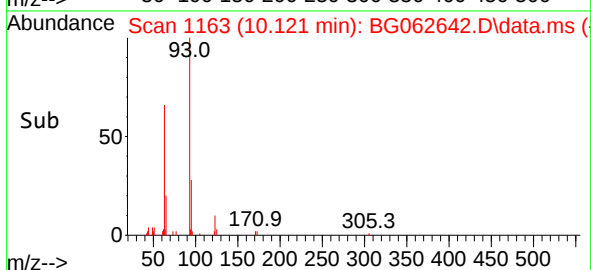
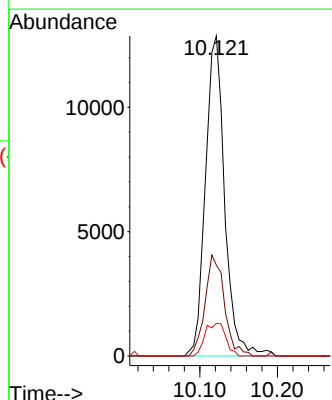
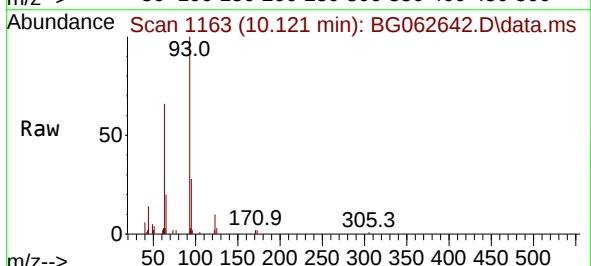
Tgt Ion: 93 Resp: 22113

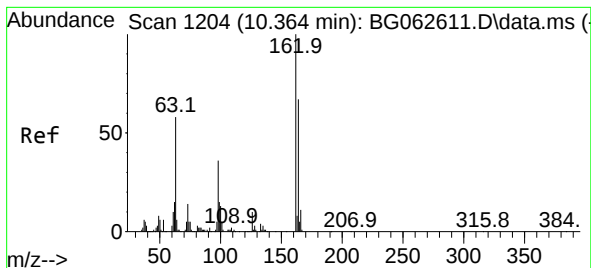
Ion Ratio Lower Upper

93 100

95 28.4 25.4 38.0

123 10.2 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 4.454 ng

RT: 10.362 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

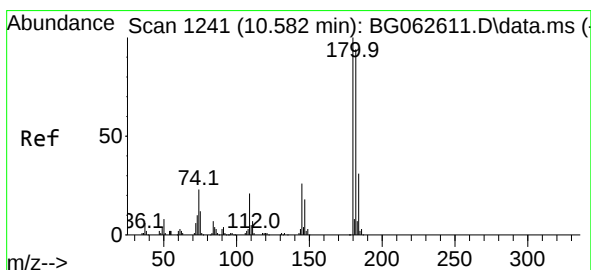
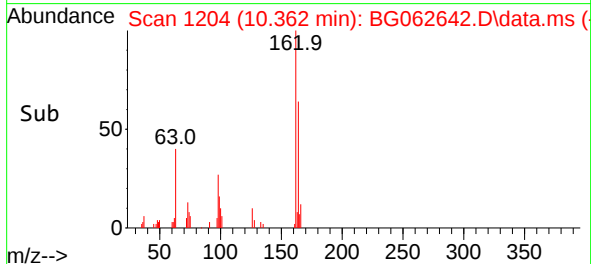
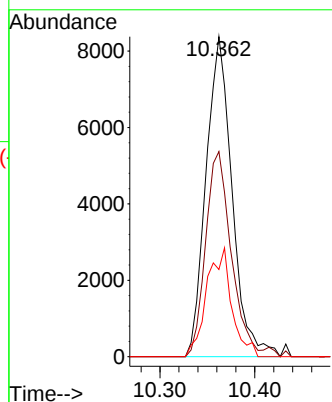
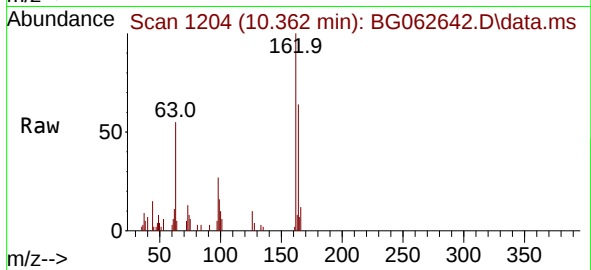
Tgt Ion:162 Resp: 15983

Ion Ratio Lower Upper

162 100

164 64.1 46.8 86.8

98 27.3 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 4.601 ng

RT: 10.579 min Scan# 1241

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

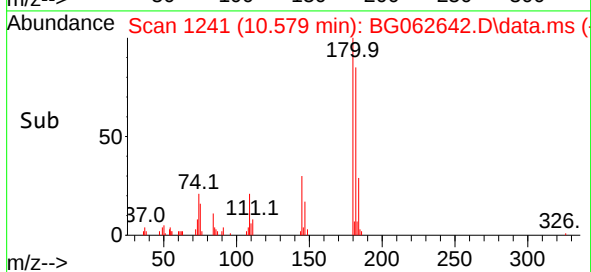
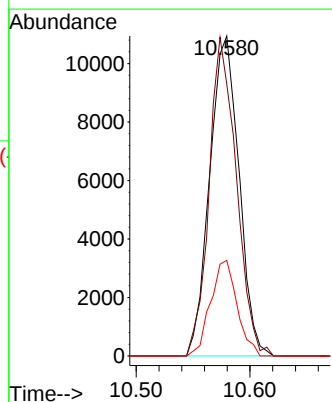
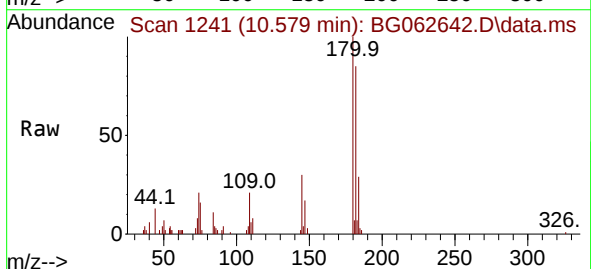
Tgt Ion:180 Resp: 19575

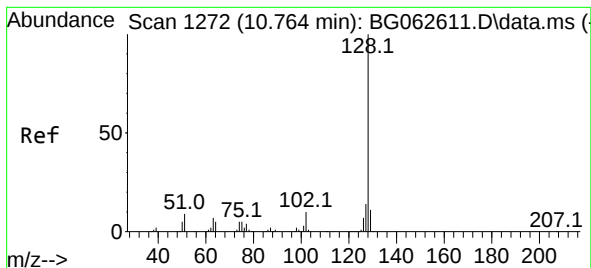
Ion Ratio Lower Upper

180 100

182 85.0 75.1 112.7

145 29.9 20.8 31.2





#31

Naphthalene

Concen: 4.400 ng

RT: 10.762 min Scan# 1133

Delta R.T. -0.002 min

Lab File: BG062642.D

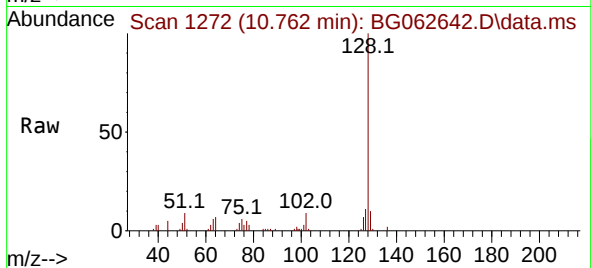
Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024



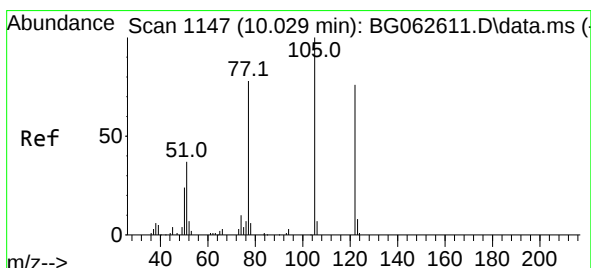
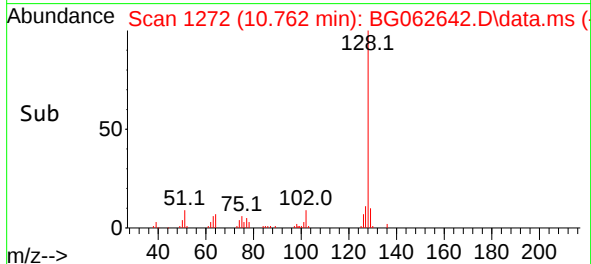
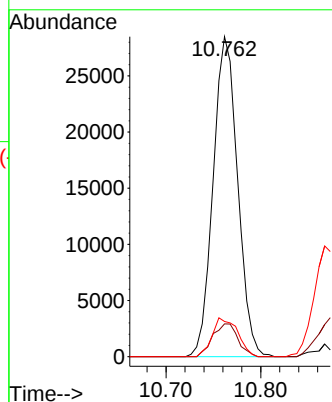
Tgt Ion:128 Resp: 51209

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

127 11.0 11.3 16.9#



#32

Benzoic acid

Concen: 2.330 ng m

RT: 9.945 min Scan# 1133

Delta R.T. -0.084 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

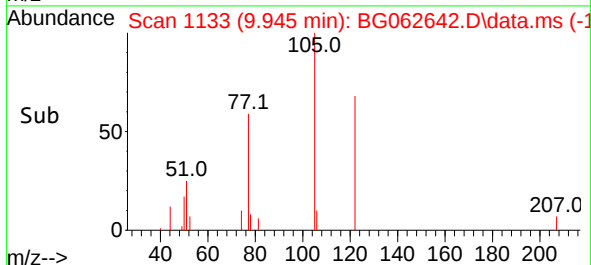
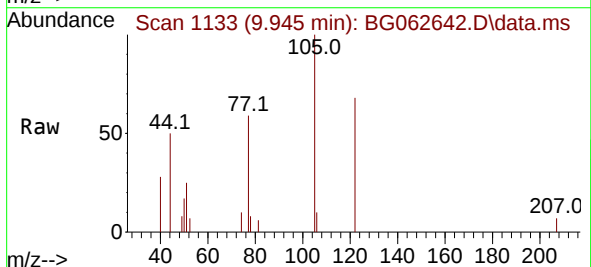
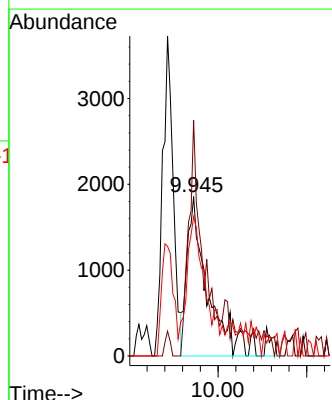
Tgt Ion:122 Resp: 6432

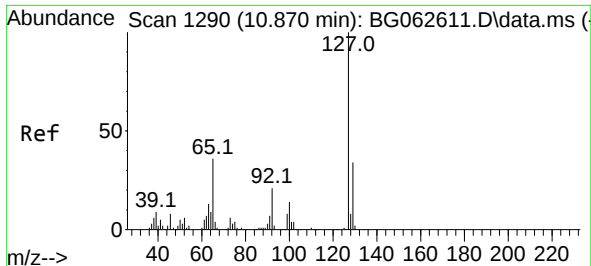
Ion Ratio Lower Upper

122 100

105 147.8 105.7 145.7#

77 87.5 79.9 119.9

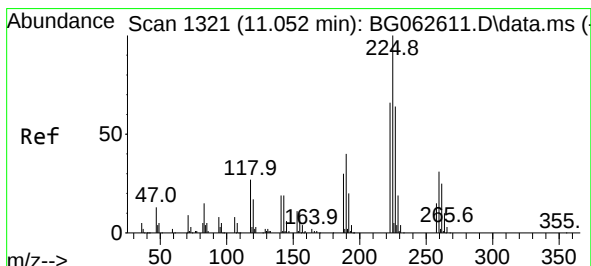
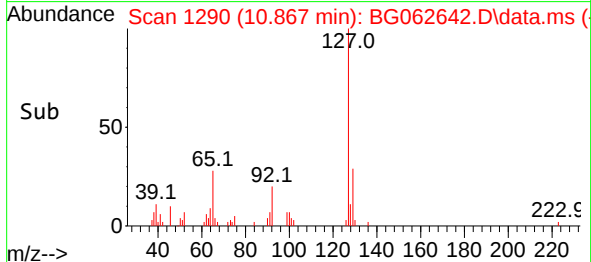
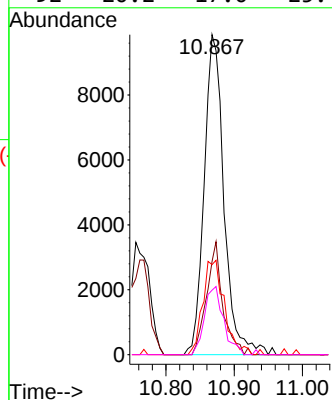
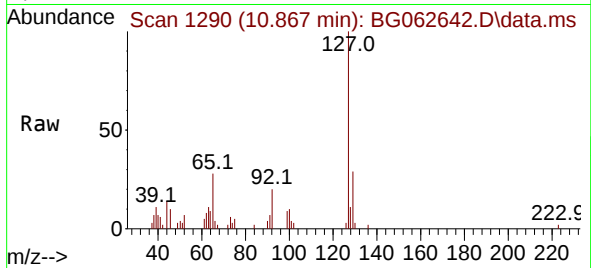




#33
4-Chloroaniline
Concen: 4.358 ng
RT: 10.867 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

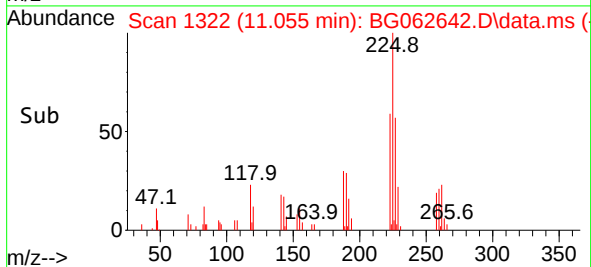
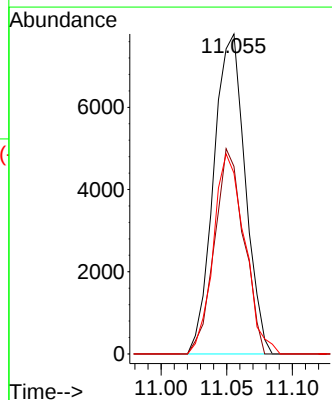
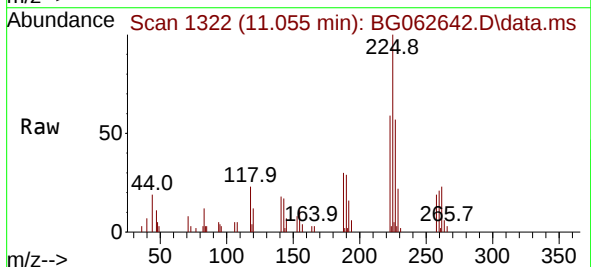
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

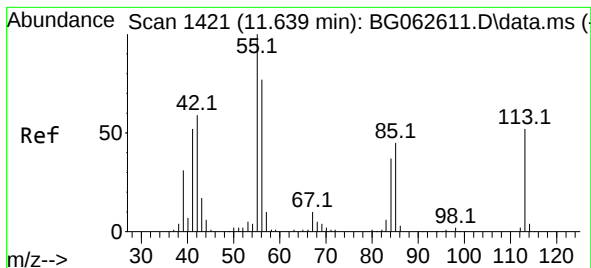
Tgt Ion:	127	Resp:	19960
Ion	Ratio	Lower	Upper
127	100		
129	29.1	27.3	40.9
65	28.2	29.0	43.4#
92	20.2	17.0	25.4



#34
Hexachlorobutadiene
Concen: 4.374 ng
RT: 11.055 min Scan# 1322
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:	225	Resp:	12997
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.1	75.1
227	56.5	48.9	73.3





#35

Caprolactam

Concen: 4.260 ng

RT: 11.614 min Scan# 1417

Delta R.T. -0.026 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

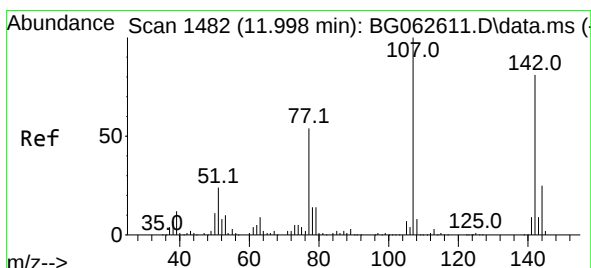
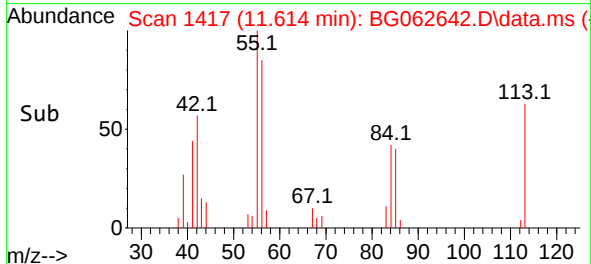
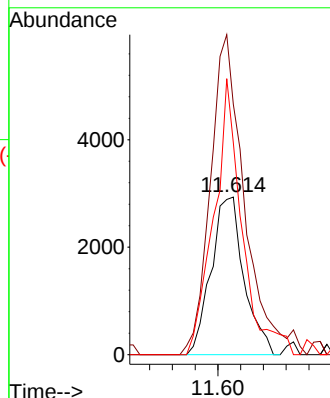
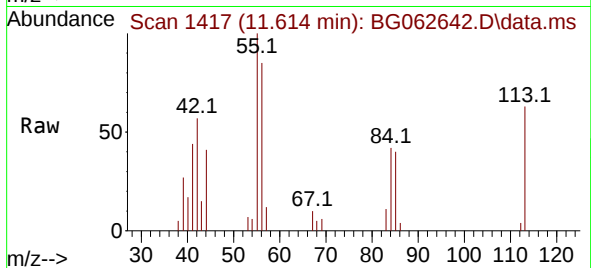
Tgt Ion:113 Resp: 5894

Ion Ratio Lower Upper

113 100

55 158.9 174.1 214.1#

56 134.6 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 3.734 ng

RT: 11.996 min Scan# 1482

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

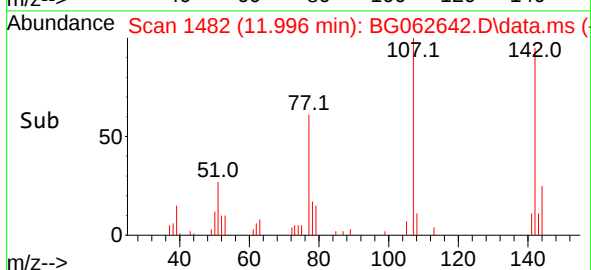
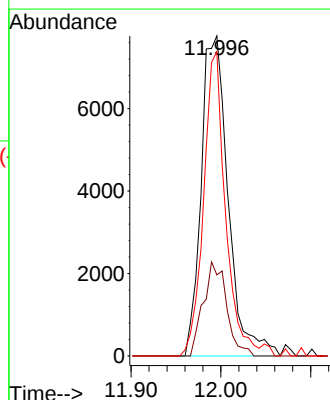
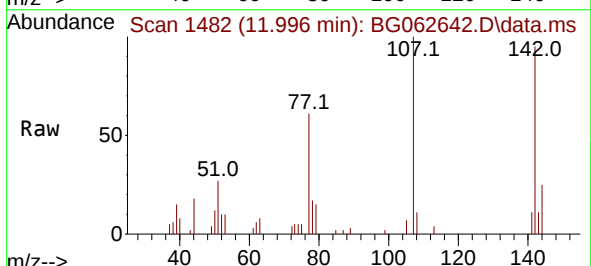
Tgt Ion:107 Resp: 16162

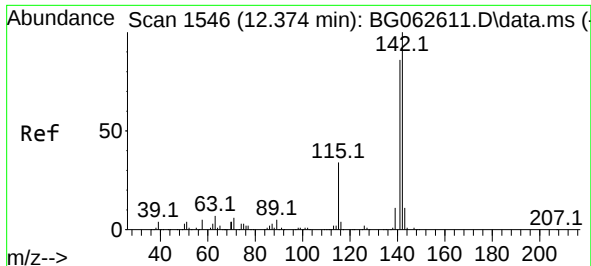
Ion Ratio Lower Upper

107 100

144 25.4 19.8 29.8

142 95.1 64.7 97.1

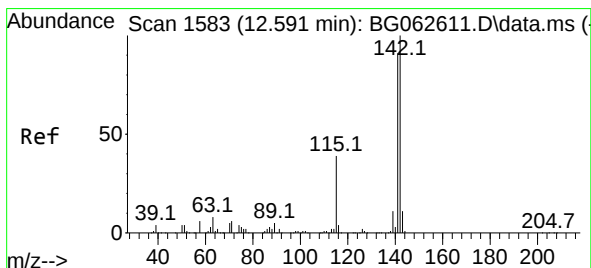
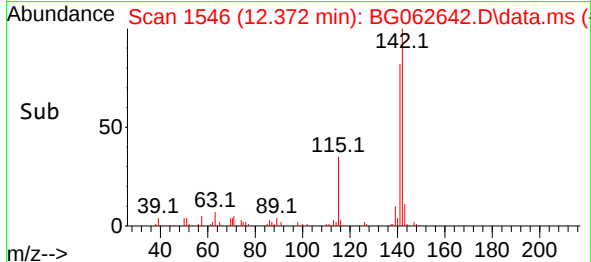
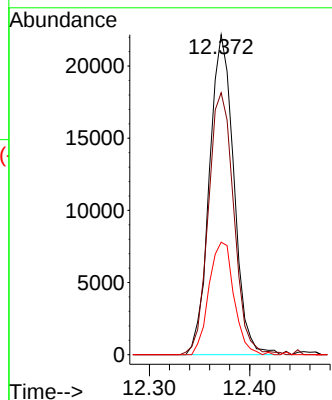
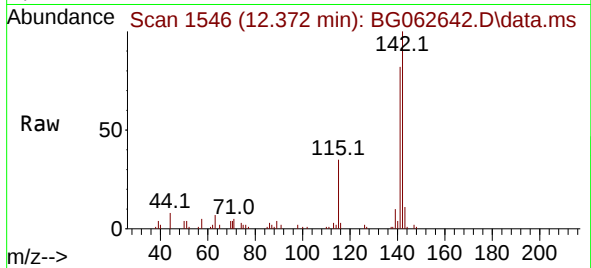




#37
2-Methylnaphthalene
Concen: 4.153 ng
RT: 12.372 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

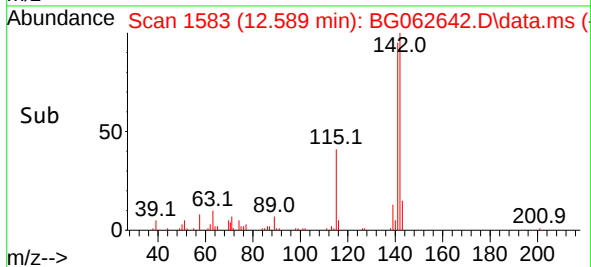
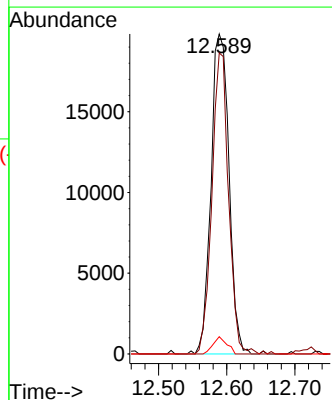
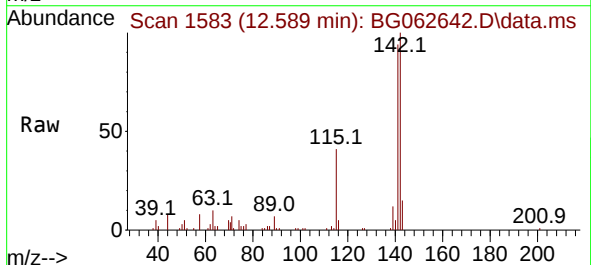
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

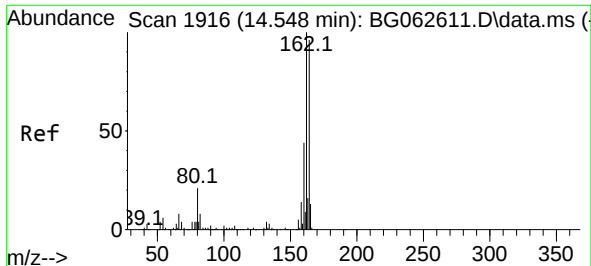
Tgt Ion:142 Resp: 37495
Ion Ratio Lower Upper
142 100
141 81.9 68.9 103.3
115 35.2 27.5 41.3



#38
1-Methylnaphthalene
Concen: 4.002 ng m
RT: 12.589 min Scan# 1583
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:142 Resp: 36277
Ion Ratio Lower Upper
142 100
141 94.1 73.0 109.4
116 5.4 3.2 4.8#

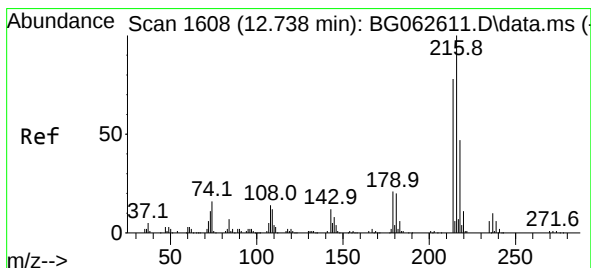
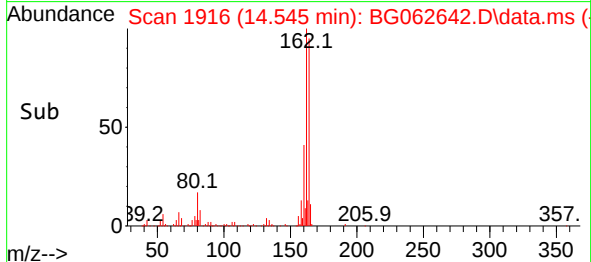
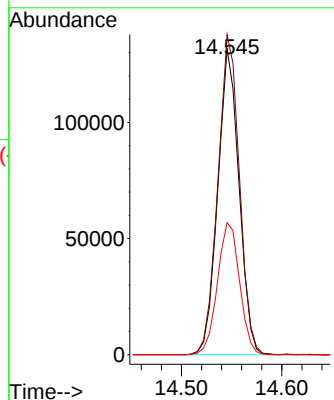
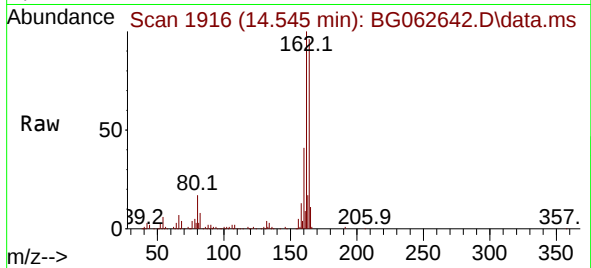




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

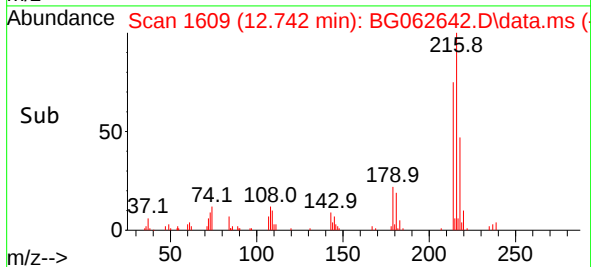
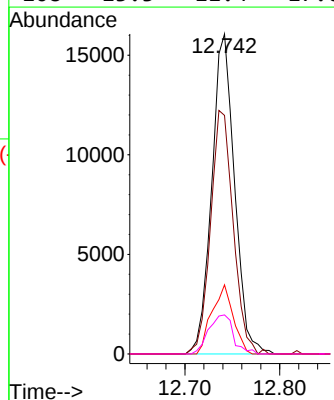
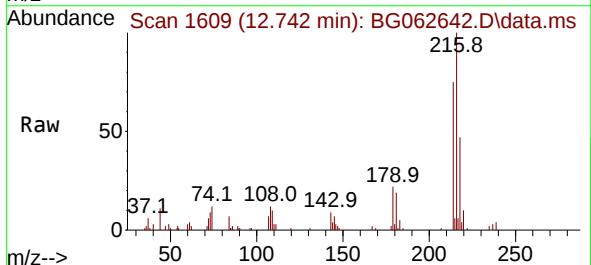
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

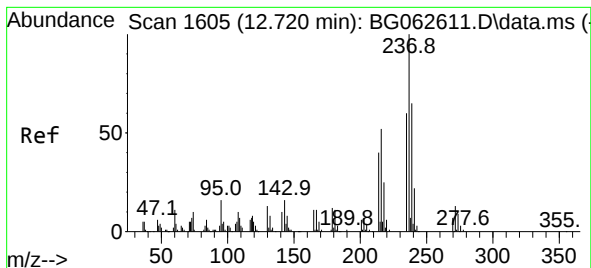
Tgt Ion:164 Resp: 192507
Ion Ratio Lower Upper
164 100
162 104.6 83.1 124.7
160 43.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.633 ng
RT: 12.742 min Scan# 1609
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:216 Resp: 26821
Ion Ratio Lower Upper
216 100
214 75.5 61.6 92.4
179 20.3 15.9 23.9
108 13.3 11.4 17.0





#41

Hexachlorocyclopentadiene

Concen: 2.717 ng

RT: 12.724 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

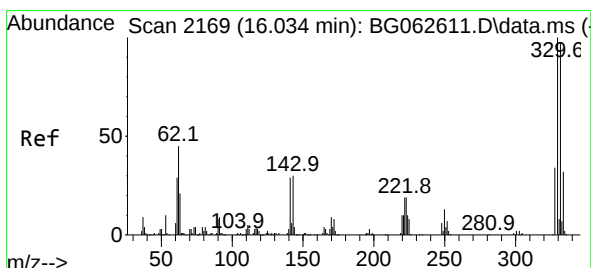
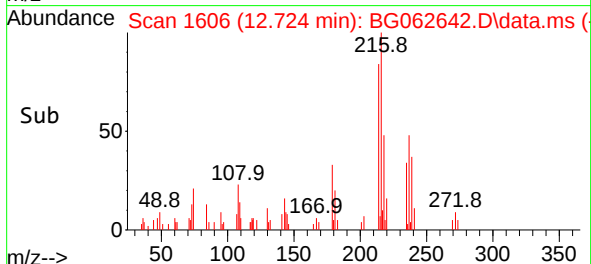
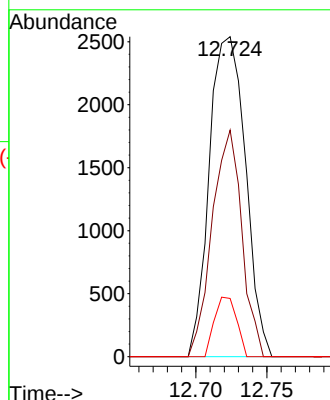
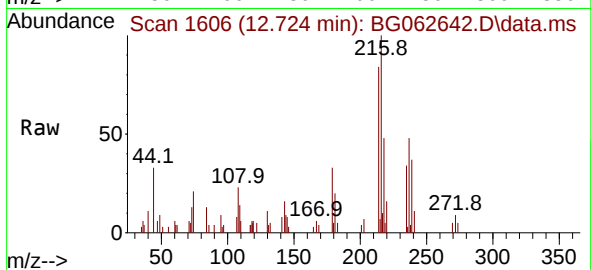
Tgt Ion:237 Resp: 4488

Ion Ratio Lower Upper

237 100

235 70.8 40.4 80.4

272 18.2 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 108.460 ng

RT: 16.038 min Scan# 2170

Delta R.T. 0.004 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

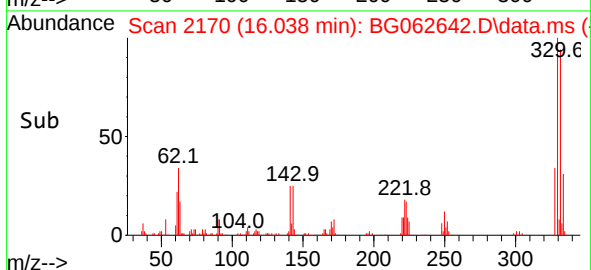
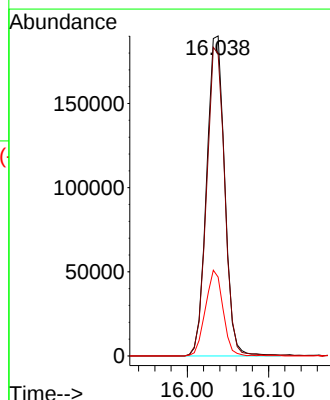
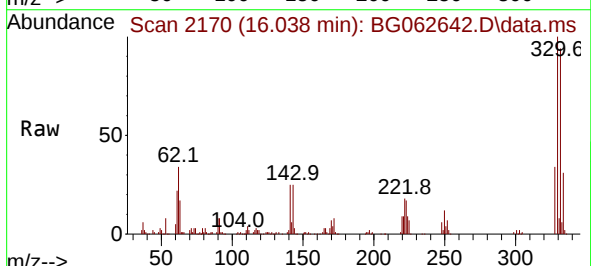
Tgt Ion:330 Resp: 293838

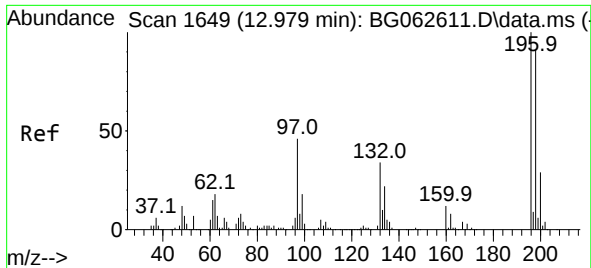
Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 26.2 22.2 33.4

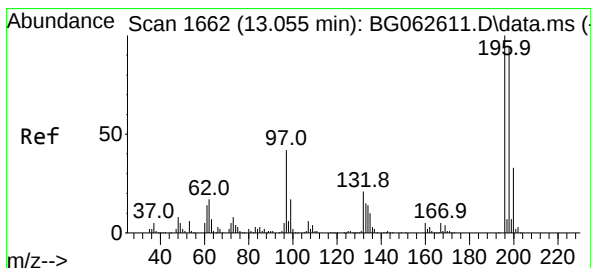
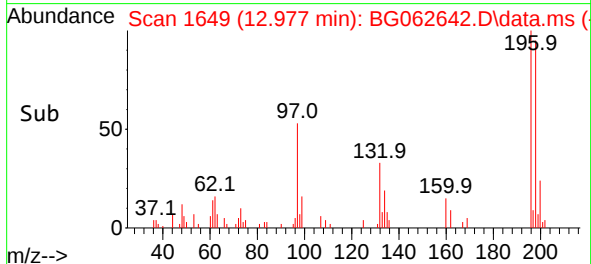
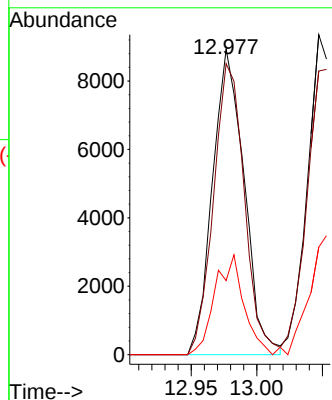
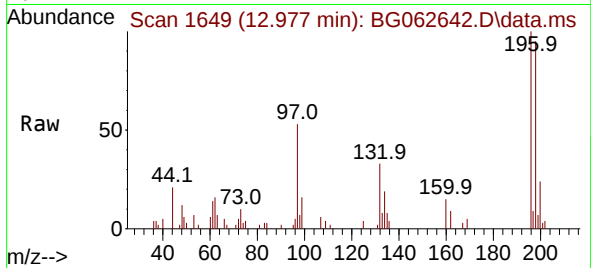




#43
2,4,6-Trichlorophenol
Concen: 4.069 ng
RT: 12.977 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

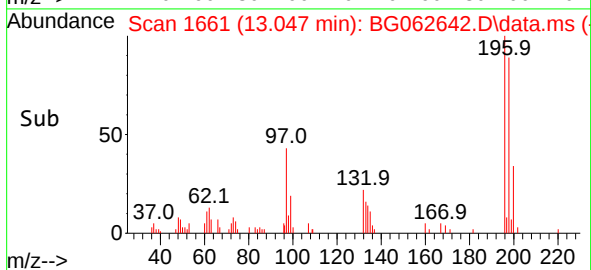
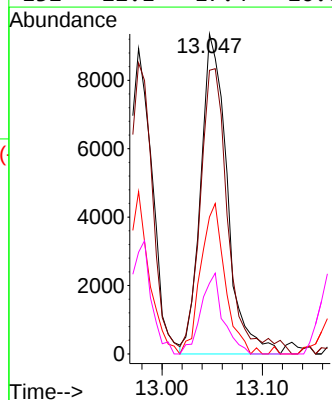
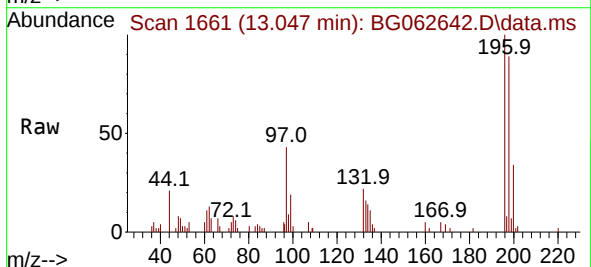
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

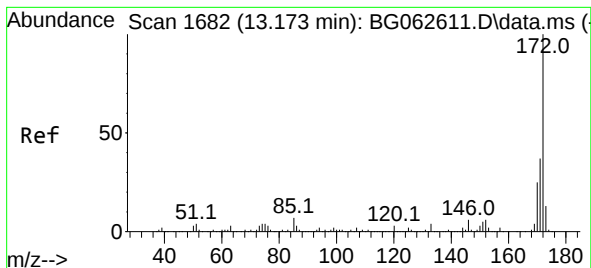
Tgt Ion:196 Resp: 14933
Ion Ratio Lower Upper
196 100
198 95.3 72.8 109.2
200 24.3 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 4.127 ng
RT: 13.047 min Scan# 1661
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:196 Resp: 17153
Ion Ratio Lower Upper
196 100
198 88.7 75.5 113.3
97 42.8 34.1 51.1
132 22.1 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 74.976 ng

RT: 13.171 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

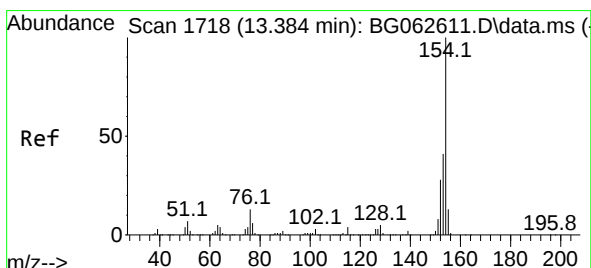
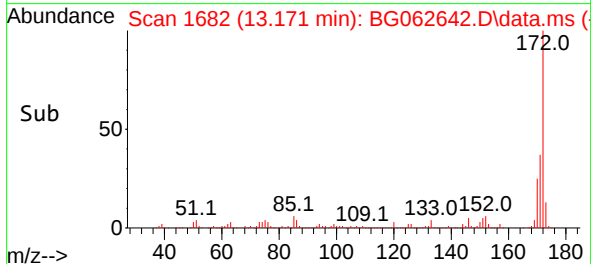
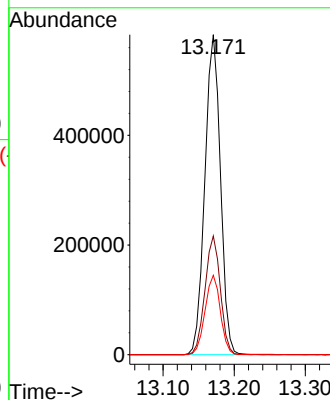
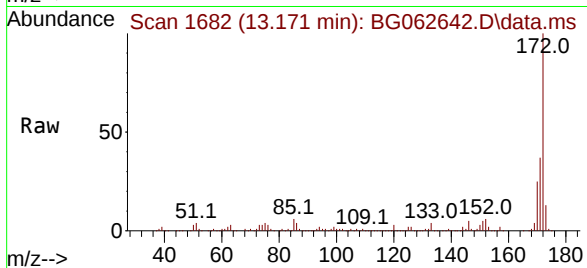
Tgt Ion:172 Resp: 891063

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 24.8 20.0 30.0



#46

1,1'-Biphenyl

Concen: 4.566 ng

RT: 13.382 min Scan# 1718

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

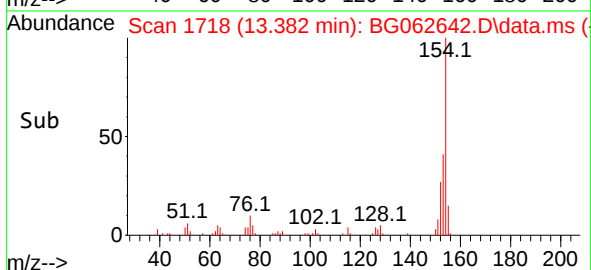
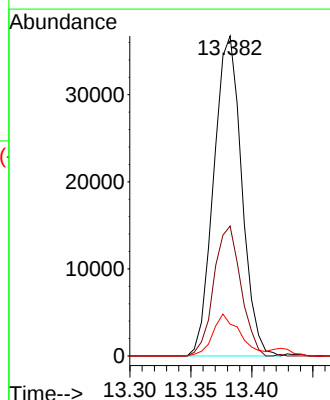
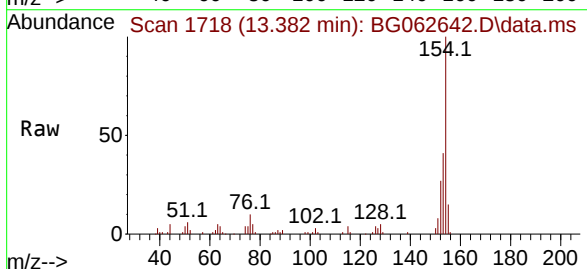
Tgt Ion:154 Resp: 58637

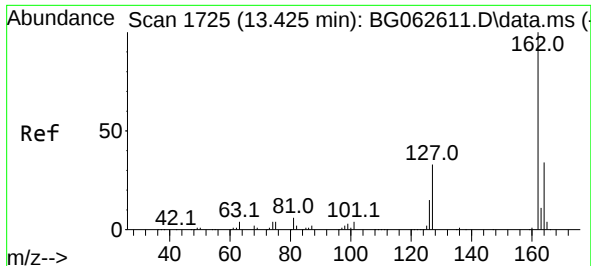
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 10.0 0.0 33.4

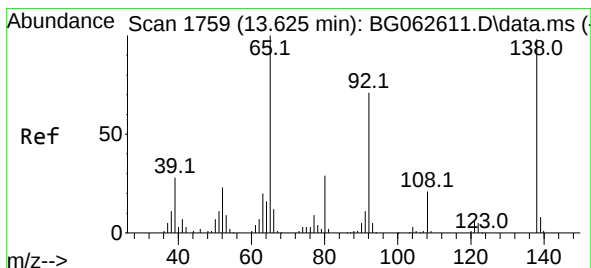
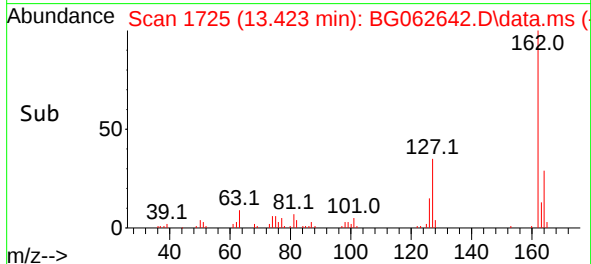
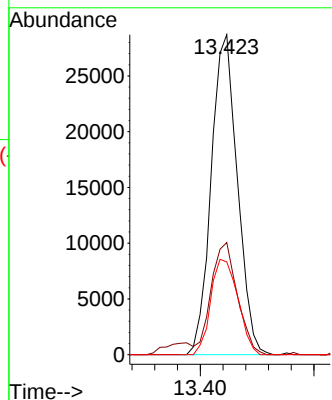
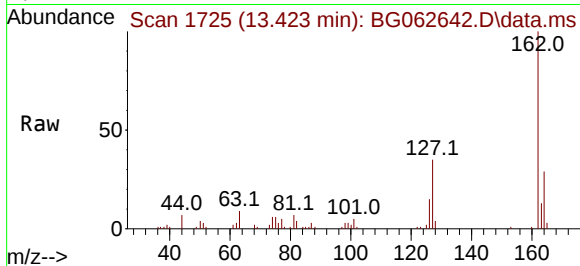




#47
2-Chloronaphthalene
Concen: 4.409 ng
RT: 13.423 min Scan# 1725
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

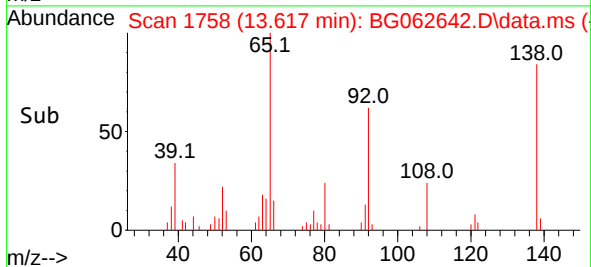
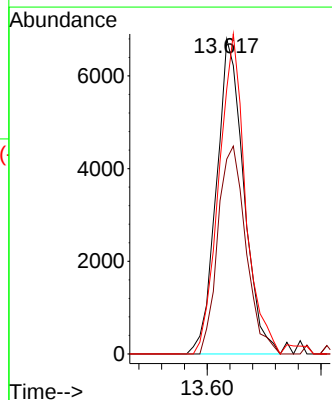
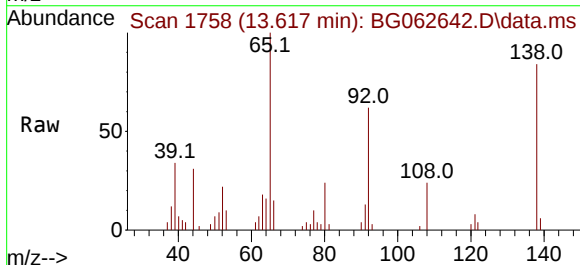
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

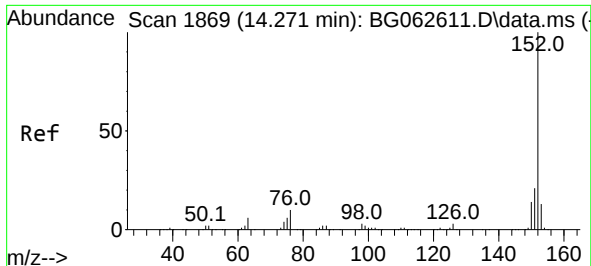
Tgt Ion:	162	Resp:	45895
Ion Ratio	Lower	Upper	
162	100		
127	35.1	28.7	43.1
164	29.0	26.9	40.3



#48
2-Nitroaniline
Concen: 4.157 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:	65	Resp:	11379
Ion Ratio	Lower	Upper	
65	100		
92	61.9	56.6	84.8
138	84.2	78.7	118.1

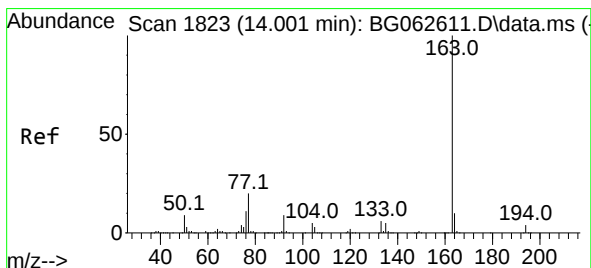
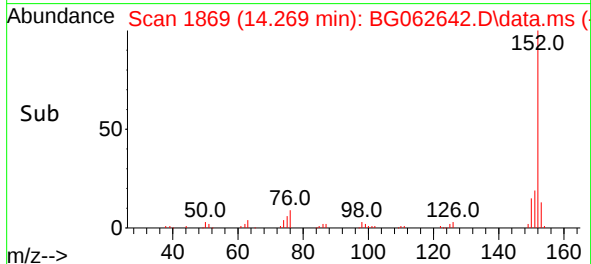
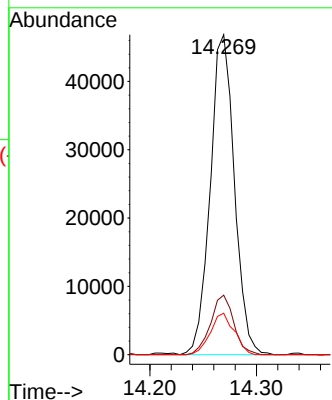
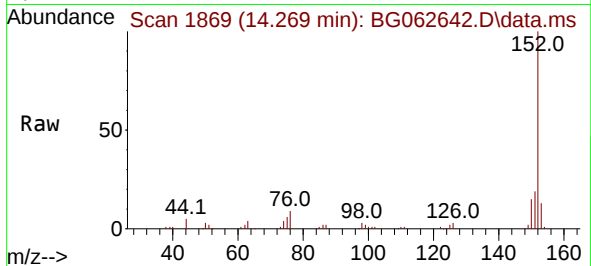




#49
Acenaphthylene
Concen: 4.787 ng
RT: 14.269 min Scan# 1869
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

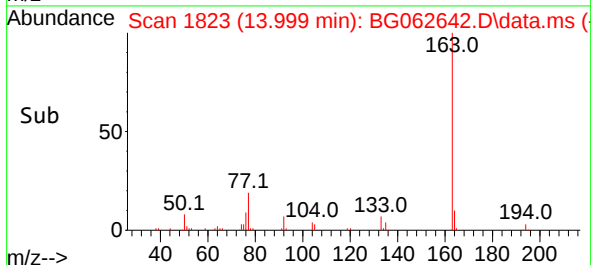
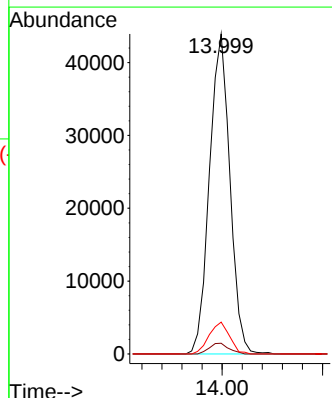
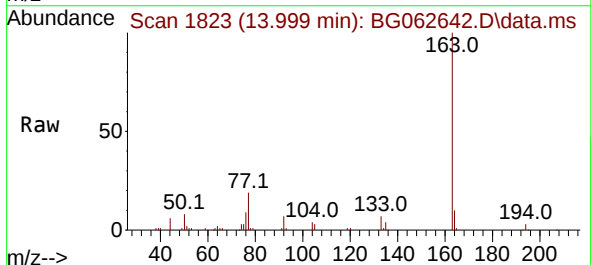
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

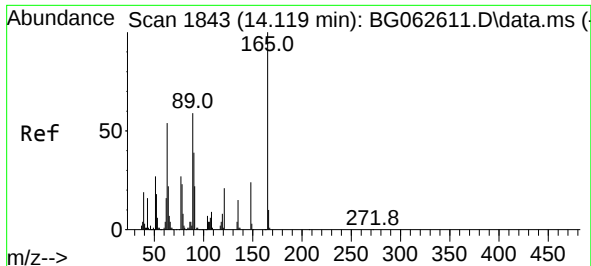
Tgt Ion:152 Resp: 73793
Ion Ratio Lower Upper
152 100
151 18.6 16.6 24.8
153 13.0 10.2 15.4



#50
Dimethylphthalate
Concen: 4.421 ng
RT: 13.999 min Scan# 1823
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:163 Resp: 62231
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.9 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 4.093 ng

RT: 14.117 min Scan# 1843

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

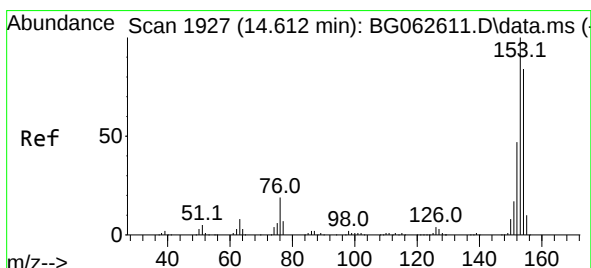
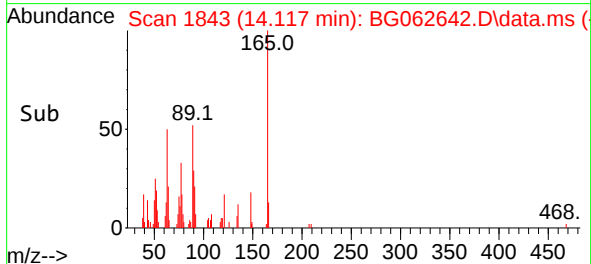
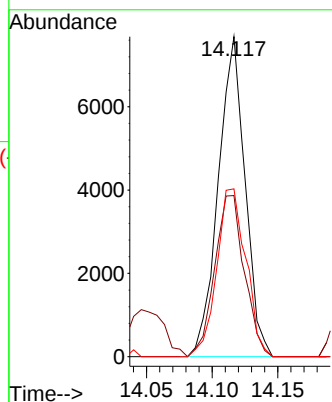
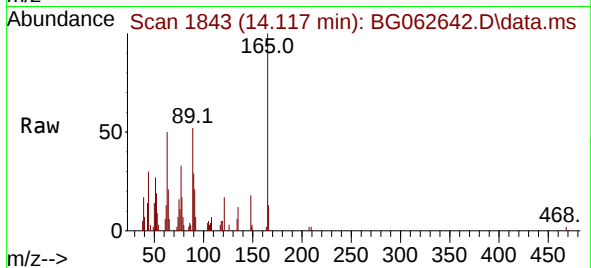
Tgt Ion:165 Resp: 10898

Ion Ratio Lower Upper

165 100

63 50.3 46.6 69.8

89 52.5 47.2 70.8



#52

Acenaphthene

Concen: 4.292 ng

RT: 14.610 min Scan# 1927

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

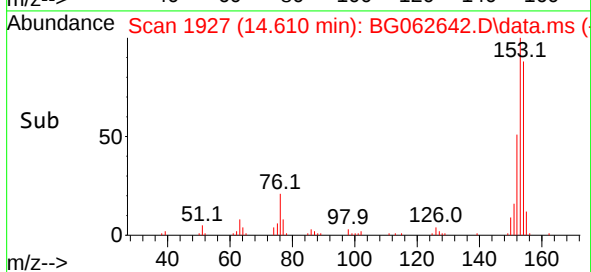
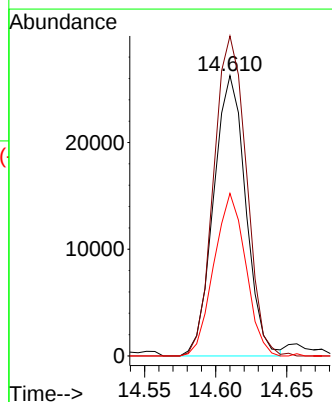
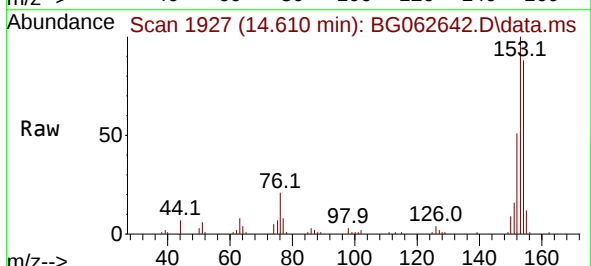
Tgt Ion:154 Resp: 41358

Ion Ratio Lower Upper

154 100

153 114.1 95.0 142.4

152 58.0 45.0 67.6

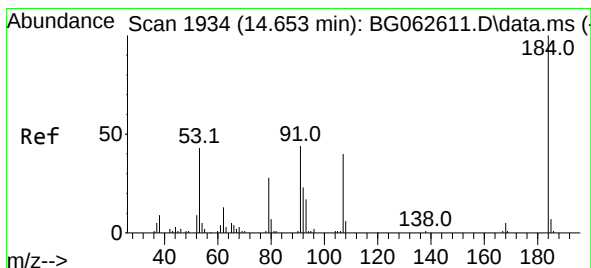
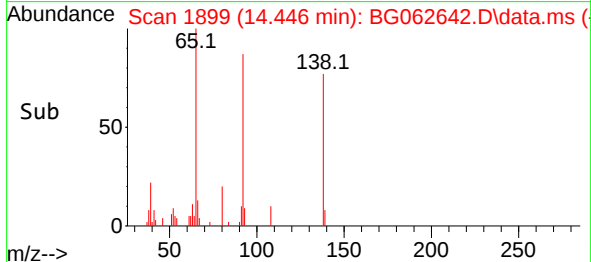
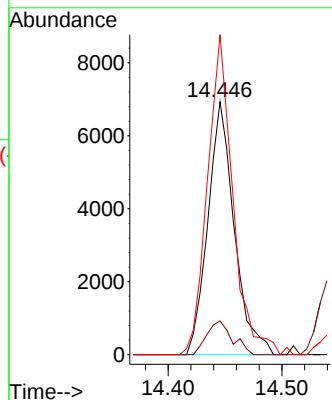
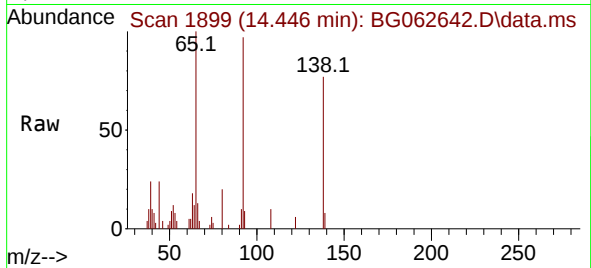




#53
3-Nitroaniline
Concen: 4.340 ng
RT: 14.446 min Scan# 11182
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

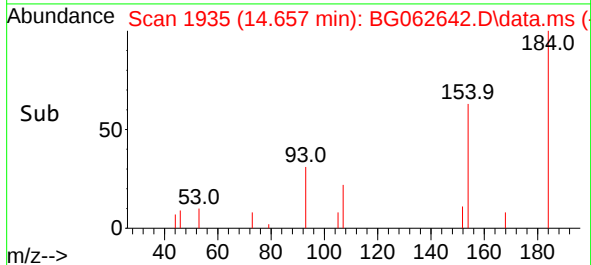
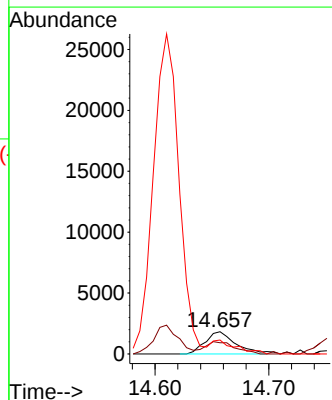
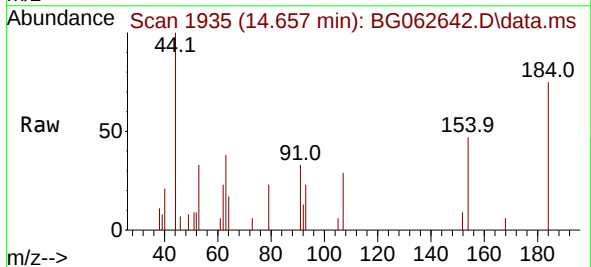
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

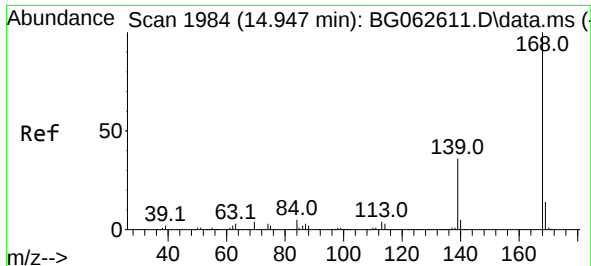
Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.3	8.6	13.0#
92	126.5	95.7	143.5



#54
2,4-Dinitrophenol
Concen: 2.287 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.4	49.0	73.4
154	62.7	50.5	75.7

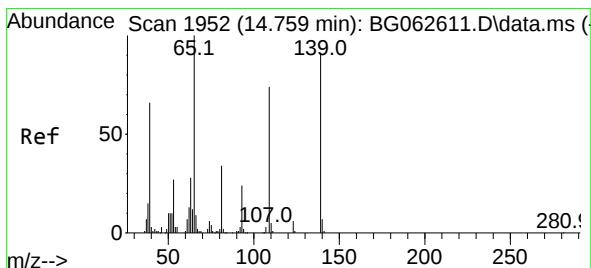
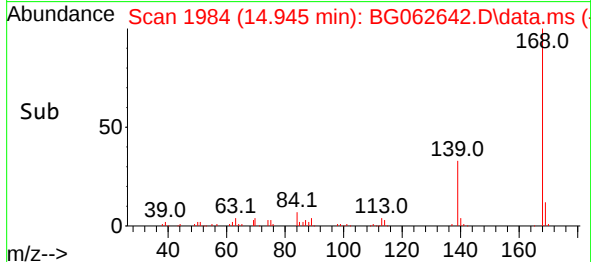
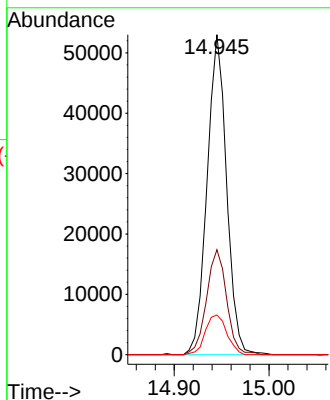
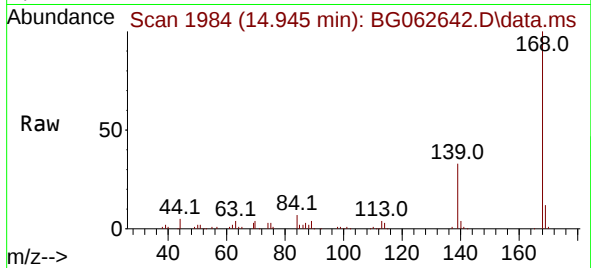




#55
Dibenzenofuran
Concen: 4.587 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

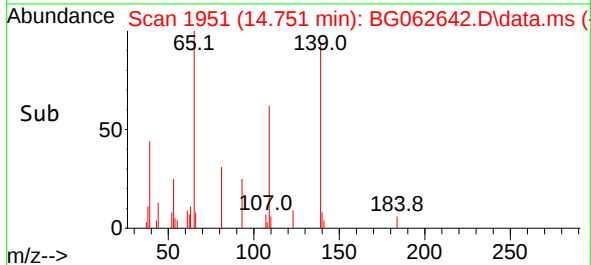
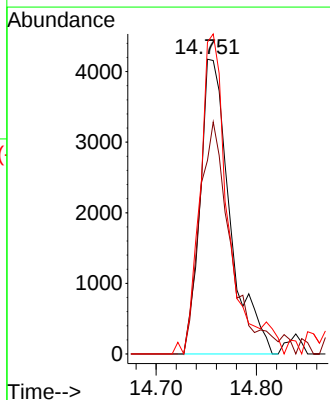
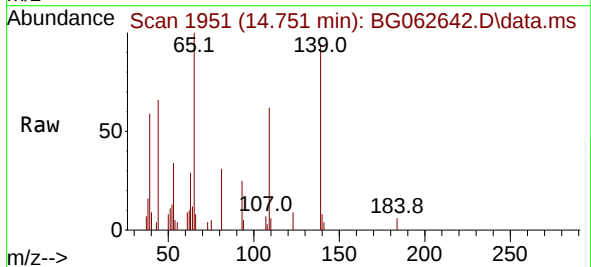
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

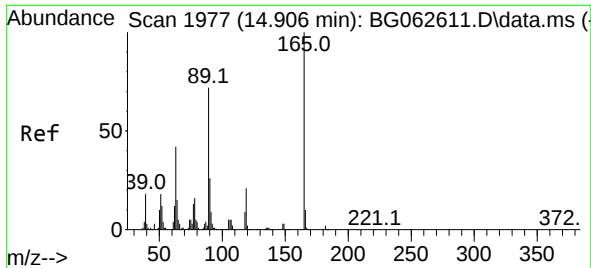
Tgt Ion:168 Resp: 75796
Ion Ratio Lower Upper
168 100
139 32.8 28.6 42.8
169 12.4 11.0 16.6



#56
4-Nitrophenol
Concen: 3.949 ng
RT: 14.751 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:139 Resp: 8623
Ion Ratio Lower Upper
139 100
109 65.7 61.2 101.2
65 105.8 90.2 130.2

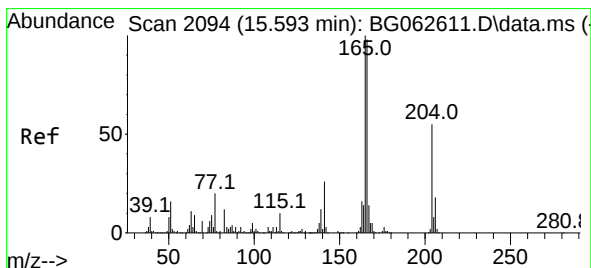
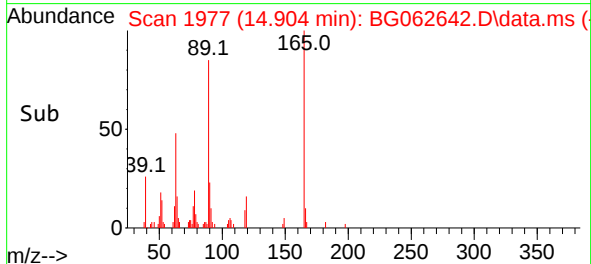
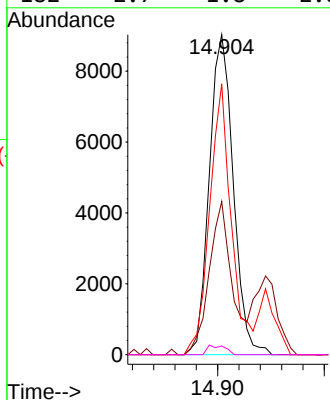
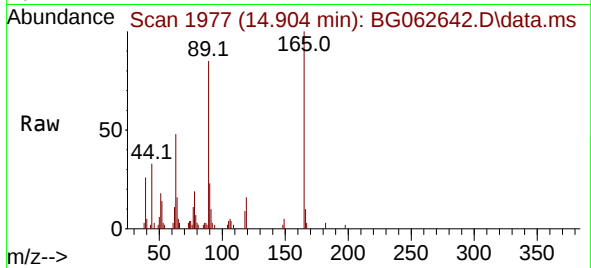




#57
2,4-Dinitrotoluene
Concen: 3.872 ng
RT: 14.904 min Scan# 1977
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

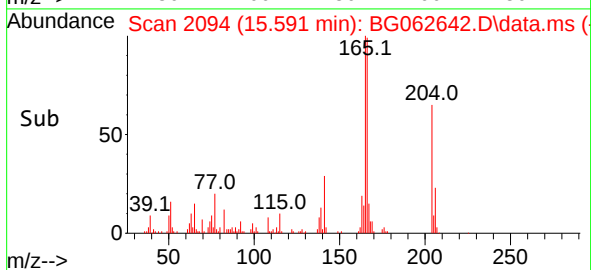
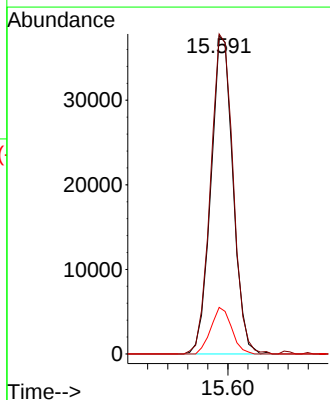
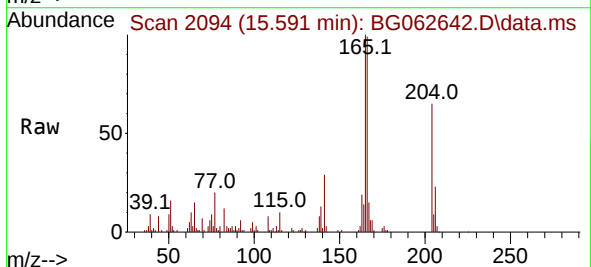
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

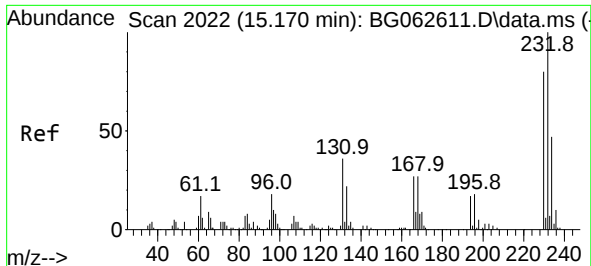
Tgt Ion:165	Resp:	14065
Ion Ratio	Lower	Upper
165	100	
63	47.8	33.8 50.6
89	84.6	57.9 86.9
182	2.7	1.8 2.8



#58
Fluorene
Concen: 4.407 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:166	Resp:	57150
Ion Ratio	Lower	Upper
166	100	
165	100.6	82.0 123.0
167	14.6	11.3 16.9

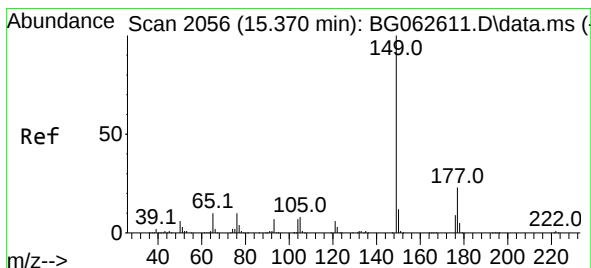
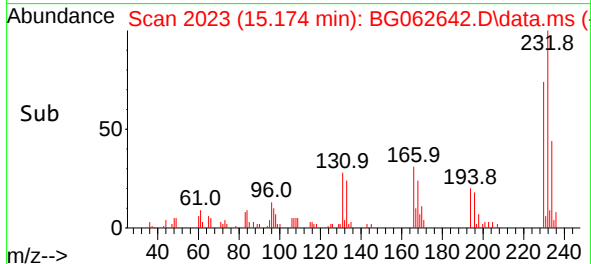
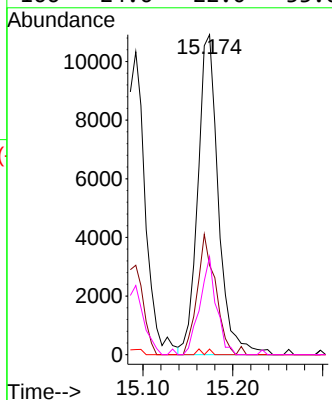
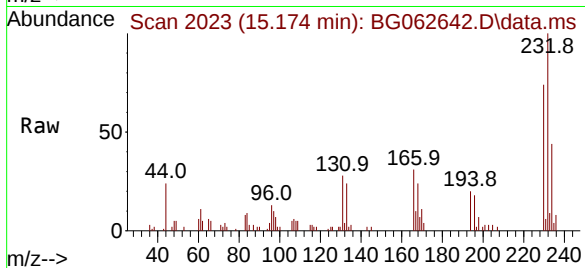




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.405 ng
RT: 15.174 min Scan# 2022
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

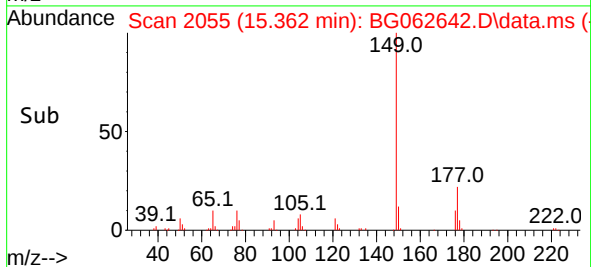
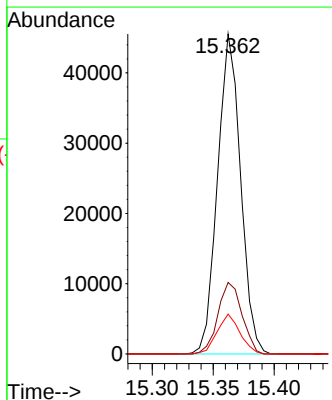
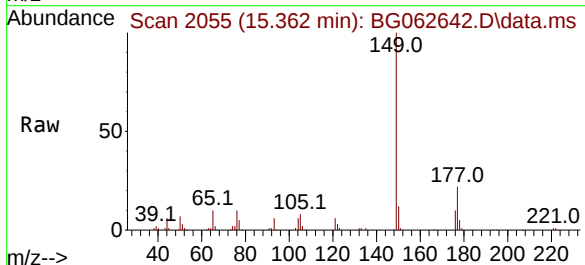
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

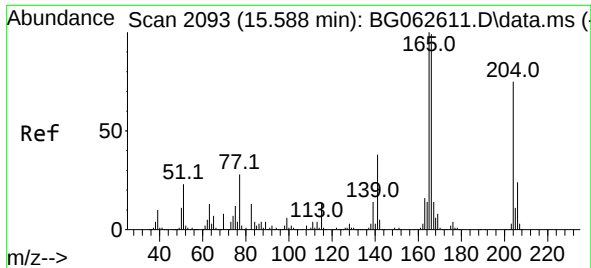
Tgt Ion:232 Resp: 17345
Ion Ratio Lower Upper
232 100
131 33.2 28.3 42.5
130 0.8 1.7 2.5#
166 24.6 22.0 33.0



#60
Diethylphthalate
Concen: 4.297 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:149 Resp: 59949
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.5 9.8 14.8

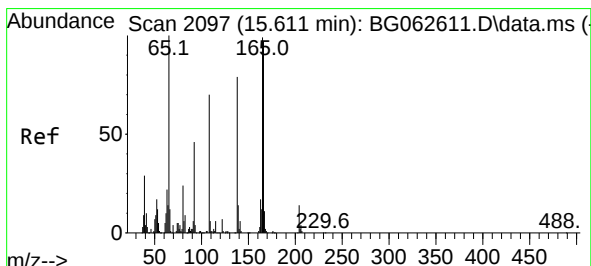
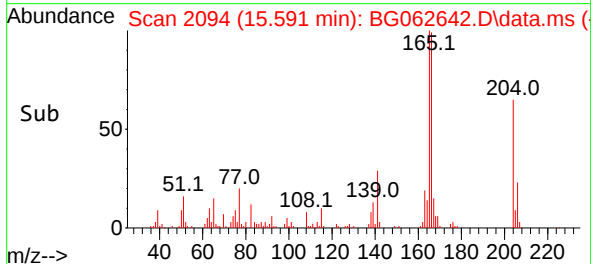
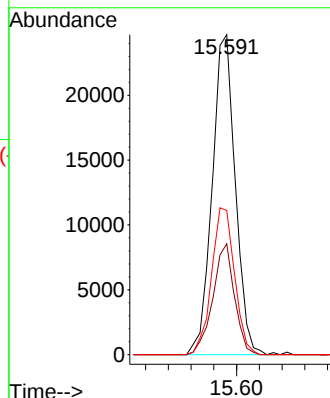
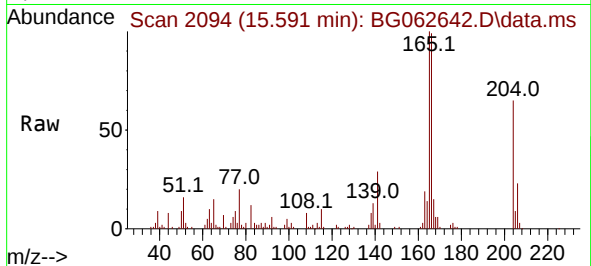




#61
4-Chlorophenyl-phenylether
Concen: 4.675 ng
RT: 15.591 min Scan# 2094
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

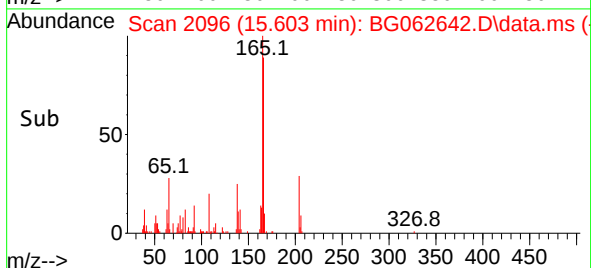
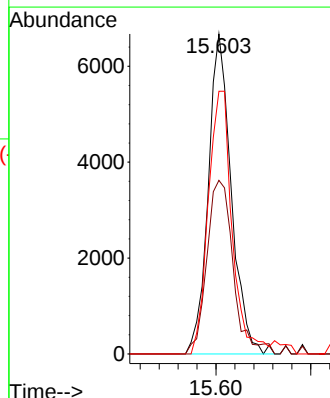
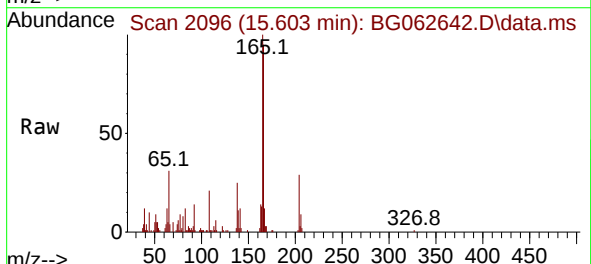
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

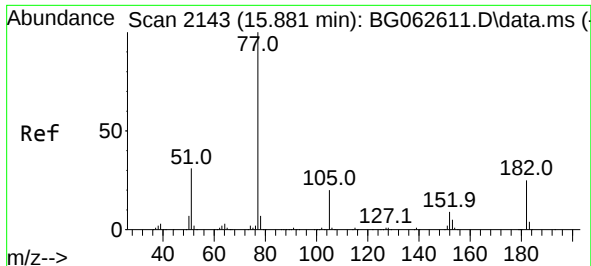
Tgt Ion:204 Resp: 34808
Ion Ratio Lower Upper
204 100
206 34.7 25.9 38.9
141 45.0 41.0 61.6



#62
4-Nitroaniline
Concen: 3.959 ng
RT: 15.603 min Scan# 2096
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:138 Resp: 11247
Ion Ratio Lower Upper
138 100
92 54.3 38.4 78.4
108 82.1 69.0 109.0

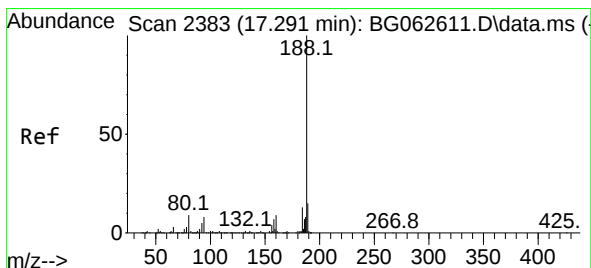
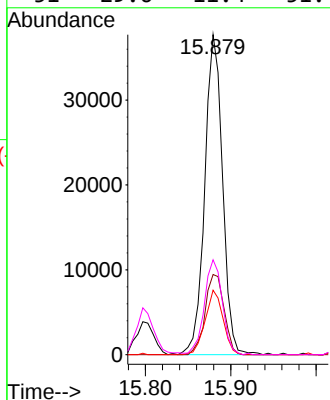
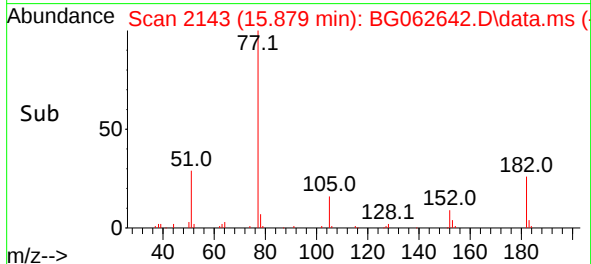
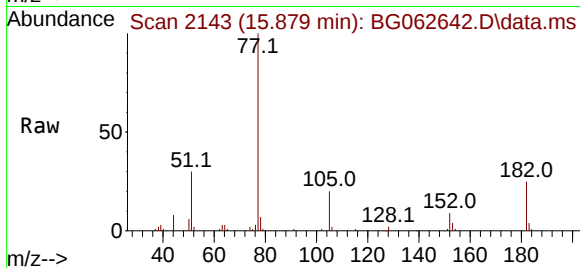




#63
Azobenzene
Concen: 4.186 ng
RT: 15.879 min Scan# 2143
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

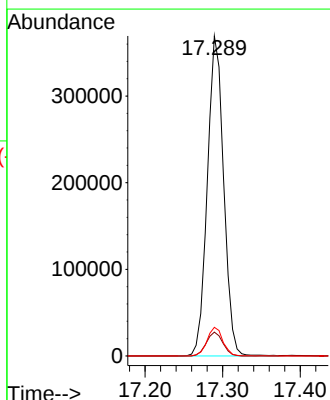
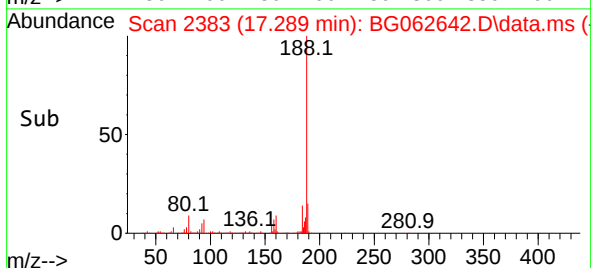
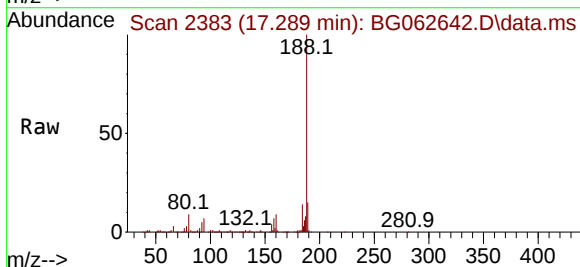
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

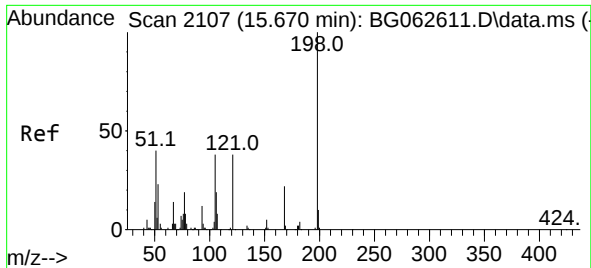
Tgt Ion: 77	Resp: 54838
Ion Ratio	Lower Upper
77 100	
182 25.1	5.0 45.0
105 20.2	0.5 40.5
51 29.6	11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2383
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:188	Resp: 539399
Ion Ratio	Lower Upper
188 100	
94 7.4	6.3 9.5
80 8.9	7.0 10.4

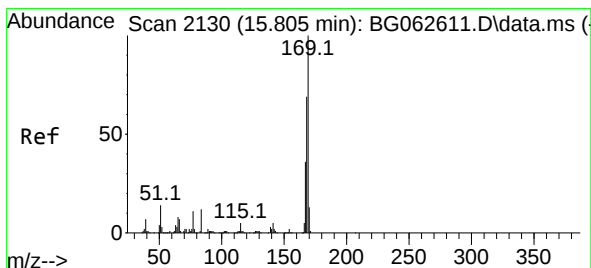
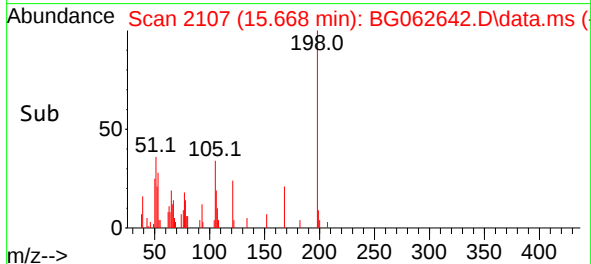
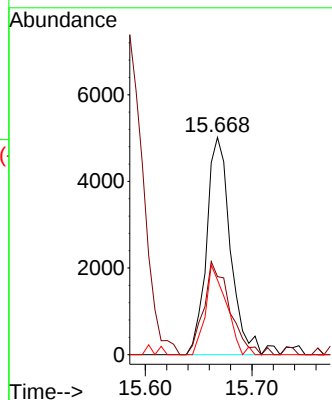
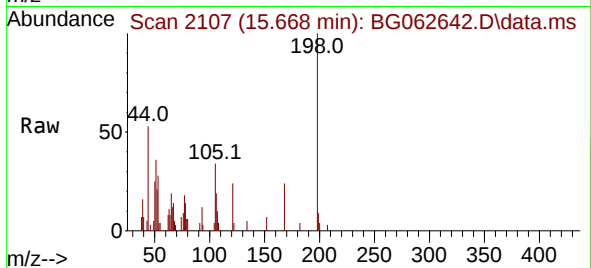




#65
4,6-Dinitro-2-methylphenol
Concen: 3.279 ng
RT: 15.668 min Scan# 2107
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

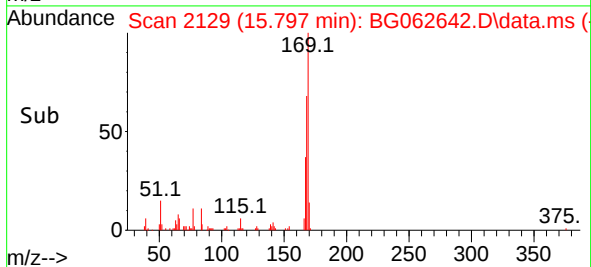
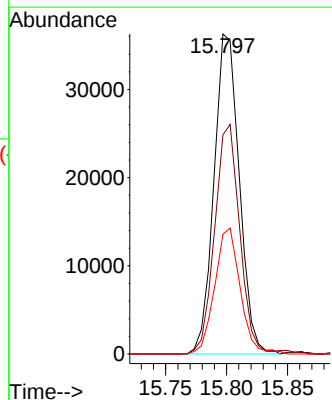
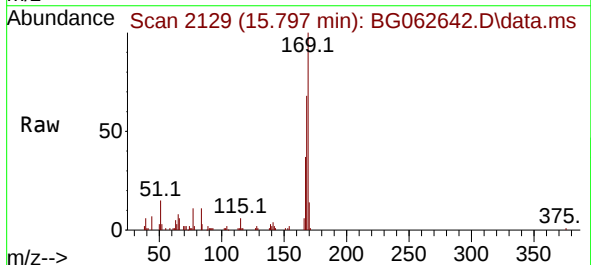
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2024

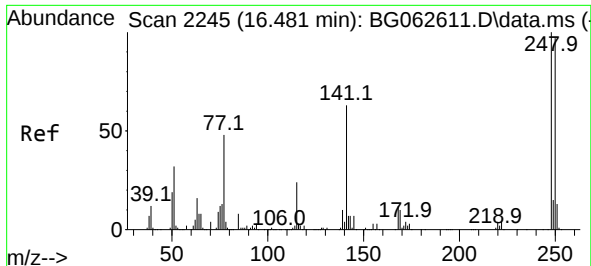
Tgt Ion	Ratio	Lower	Upper
198	100		
51	35.9	25.1	65.1
105	34.3	18.3	58.3



#66
n-Nitrosodiphenylamine
Concen: 4.048 ng
RT: 15.797 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.4	55.4	83.2
167	37.4	29.0	43.6

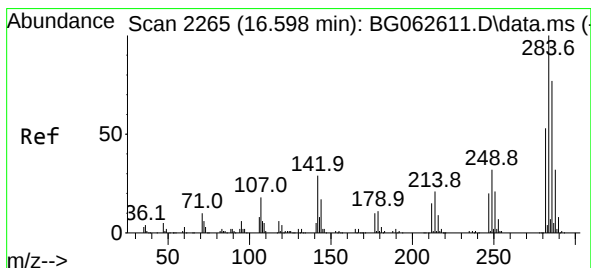
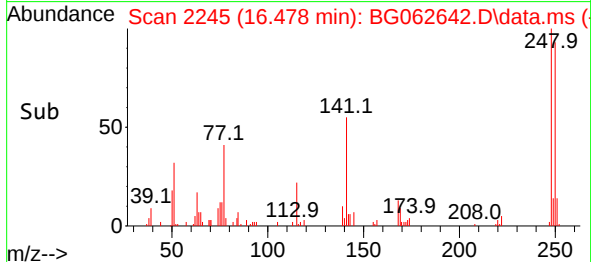
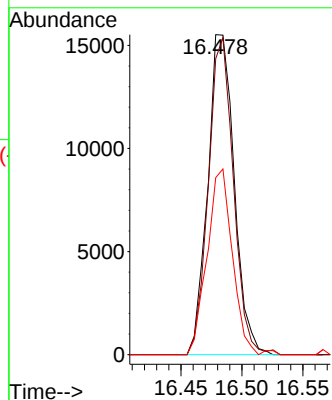
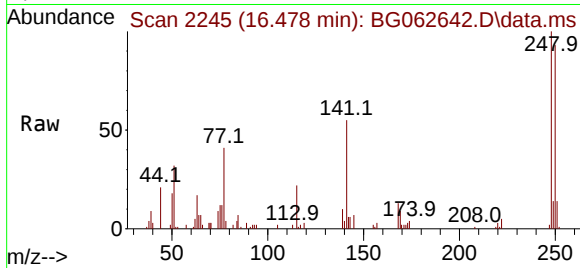




#67
4-Bromophenyl-phenylether
Concen: 4.227 ng
RT: 16.478 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

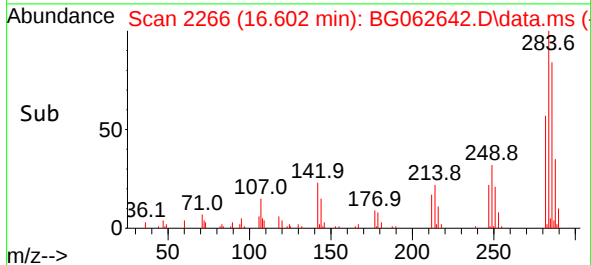
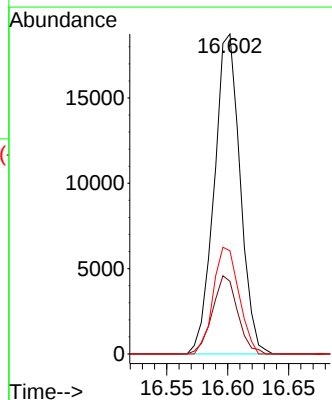
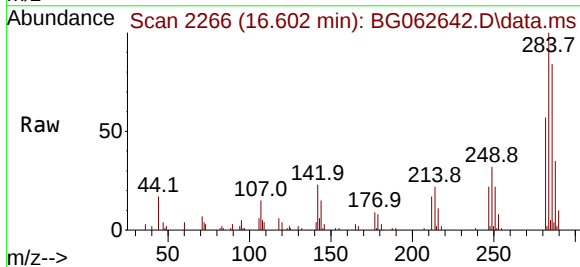
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

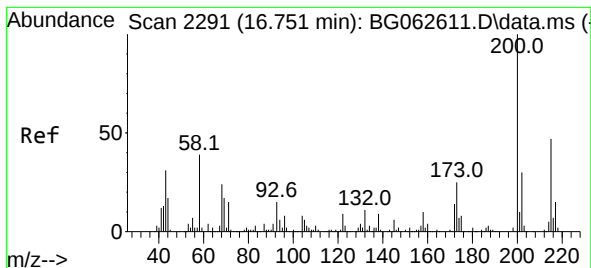
Tgt Ion:248 Resp: 23533
Ion Ratio Lower Upper
248 100
250 92.5 77.9 116.9
141 55.3 50.2 75.2



#68
Hexachlorobenzene
Concen: 4.203 ng
RT: 16.602 min Scan# 2266
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:284 Resp: 27708
Ion Ratio Lower Upper
284 100
142 22.7 23.5 35.3#
249 32.2 25.4 38.0





#69

Atrazine

Concen: 5.666 ng

RT: 16.749 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

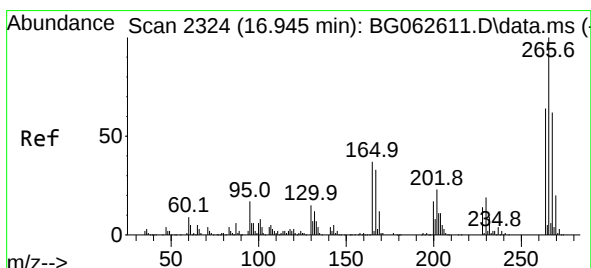
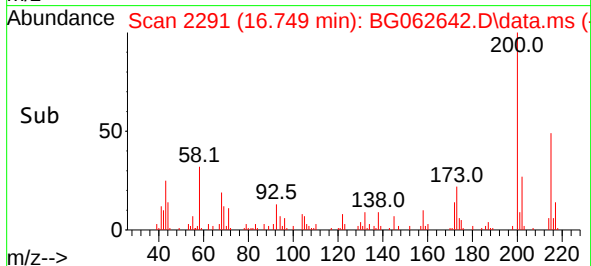
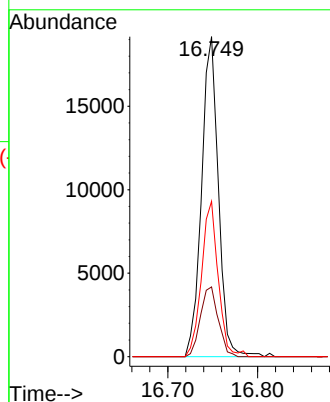
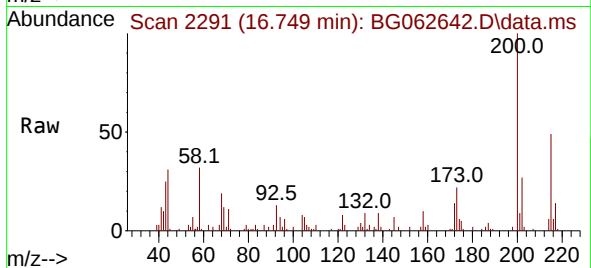
Tgt Ion:200 Resp: 24956

Ion Ratio Lower Upper

200 100

173 21.8 5.2 45.2

215 48.6 27.3 67.3



#70

Pentachlorophenol

Concen: 2.775 ng

RT: 16.943 min Scan# 2324

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

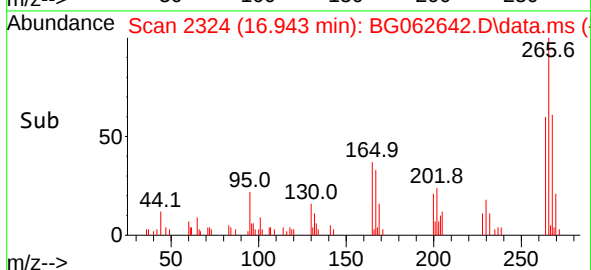
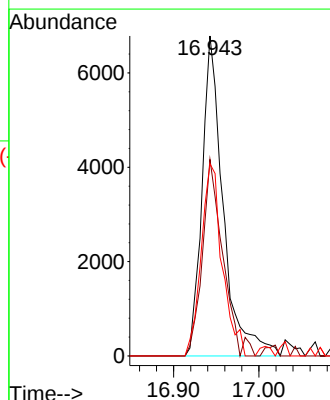
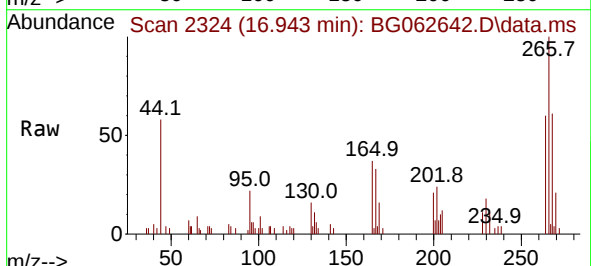
Tgt Ion:266 Resp: 11718

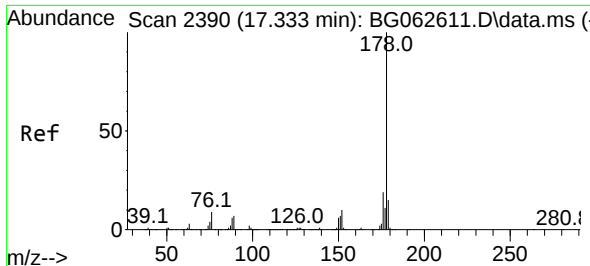
Ion Ratio Lower Upper

266 100

268 65.9 52.6 79.0

264 60.1 51.6 77.4

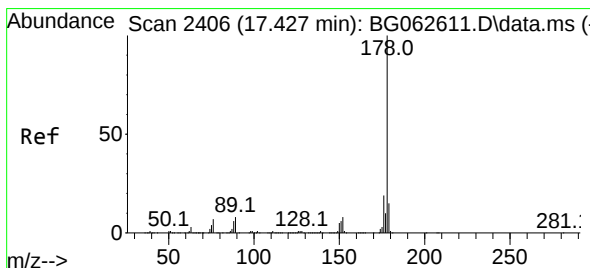
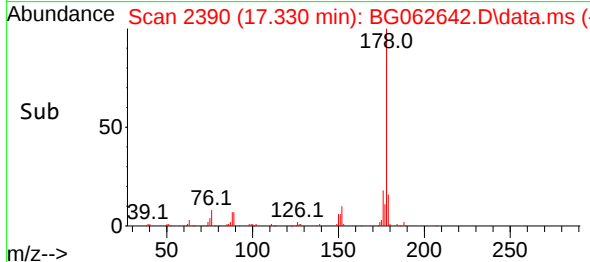
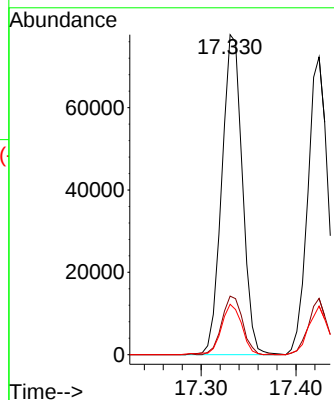
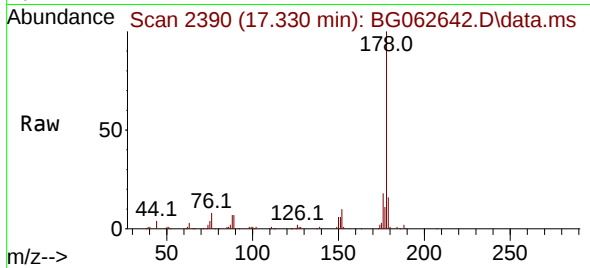




#71
Phenanthrene
Concen: 4.662 ng
RT: 17.330 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

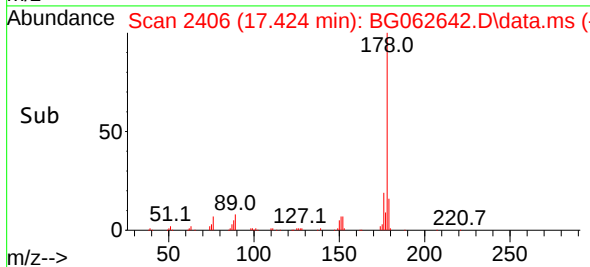
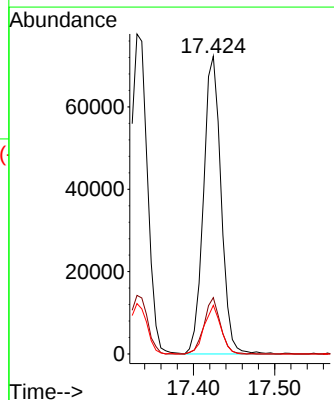
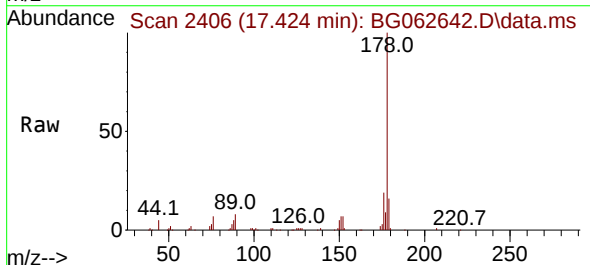
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

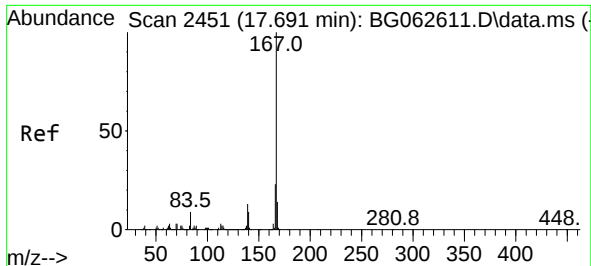
Tgt Ion:178 Resp: 117369
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 15.8 12.2 18.4



#72
Anthracene
Concen: 4.385 ng
RT: 17.424 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:178 Resp: 108538
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 16.4 12.0 18.0



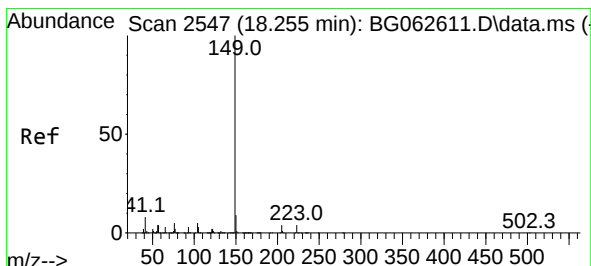
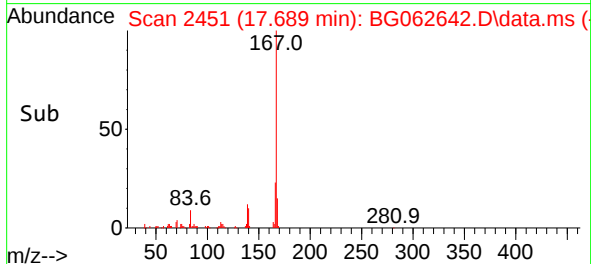
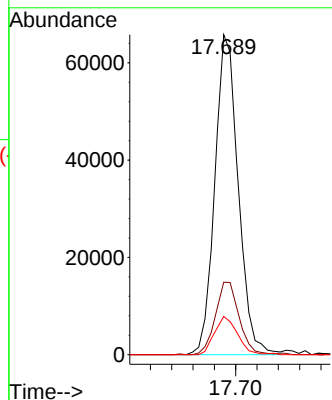
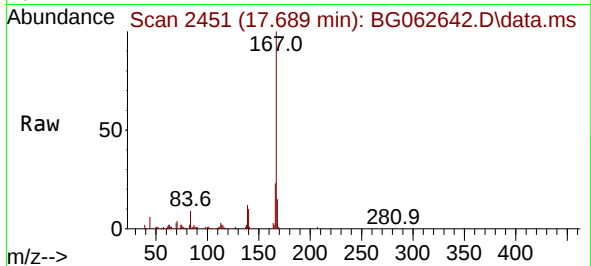


#73
 Carbazole
 Concen: 4.402 ng
 RT: 17.689 min Scan# 2451
 Delta R.T. -0.002 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:167 Resp: 100183

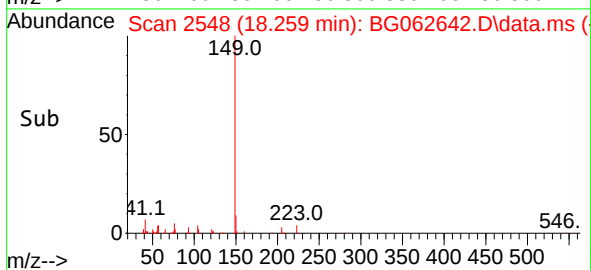
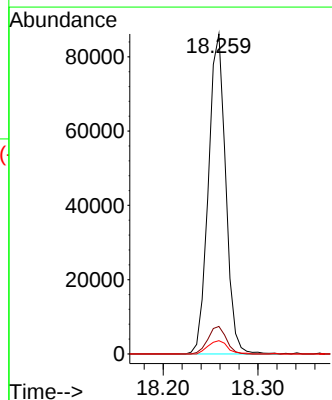
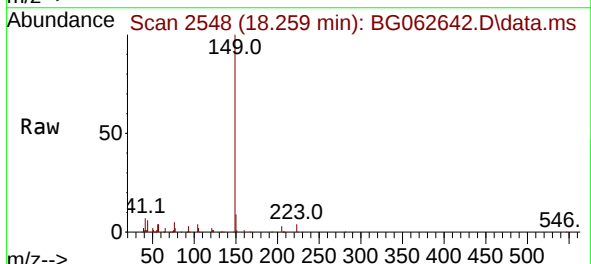
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	12.0	10.1	15.1

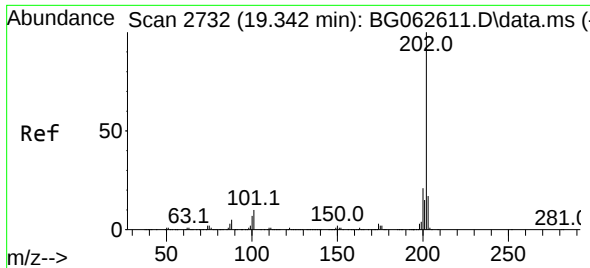


#74
 Di-n-butylphthalate
 Concen: 4.245 ng
 RT: 18.259 min Scan# 2548
 Delta R.T. 0.004 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

Tgt Ion:149 Resp: 108936

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	4.1	4.2	6.2

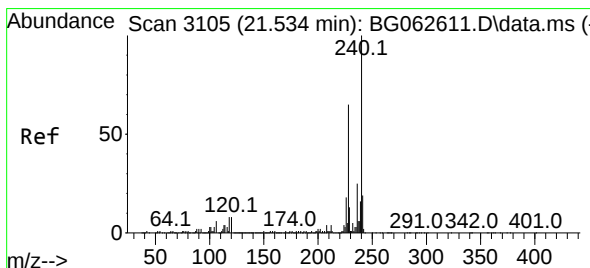
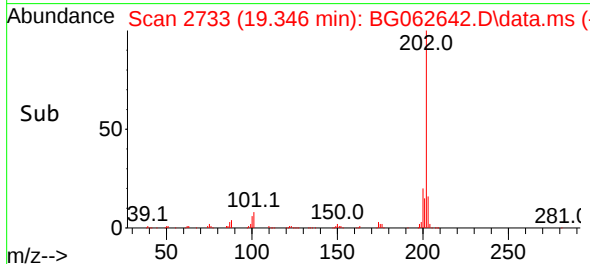
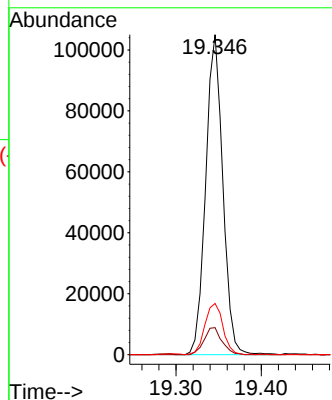
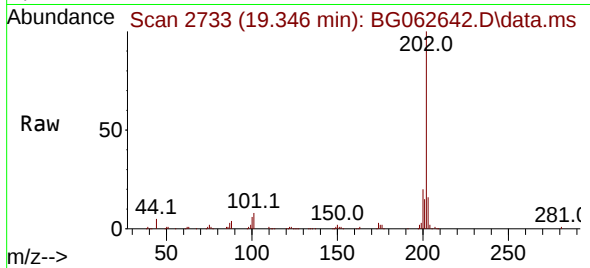




#75
Fluoranthene
Concen: 4.591 ng
RT: 19.346 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

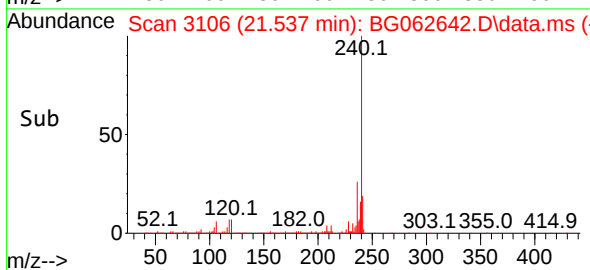
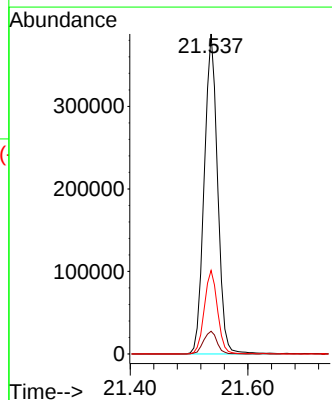
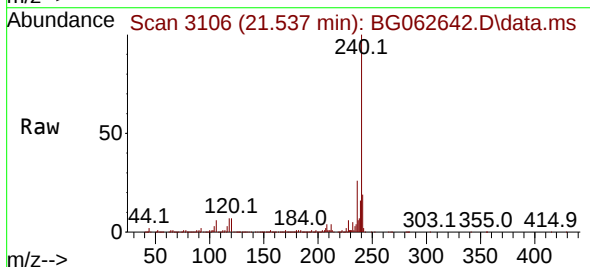
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

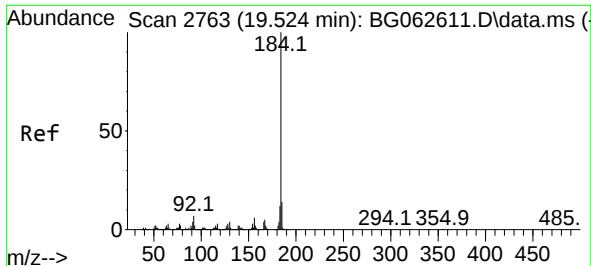
Tgt Ion:202 Resp: 146187
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.6
203 16.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.537 min Scan# 3106
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:240 Resp: 610809
Ion Ratio Lower Upper
240 100
120 7.1 6.6 9.8
236 26.1 20.2 30.4

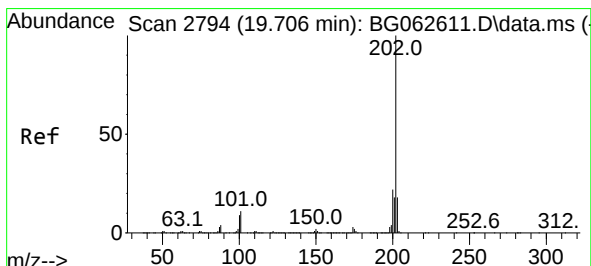
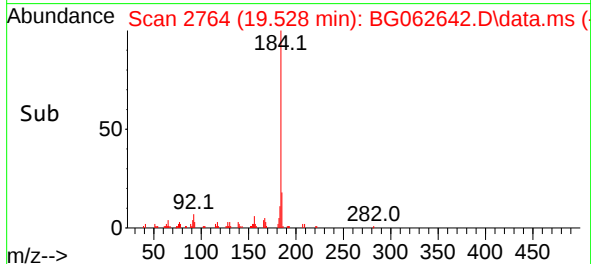
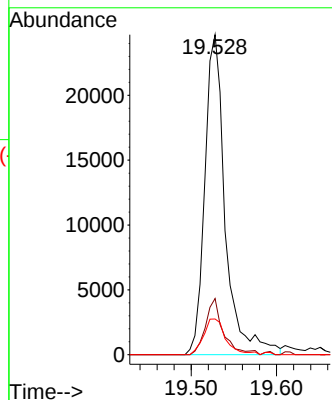
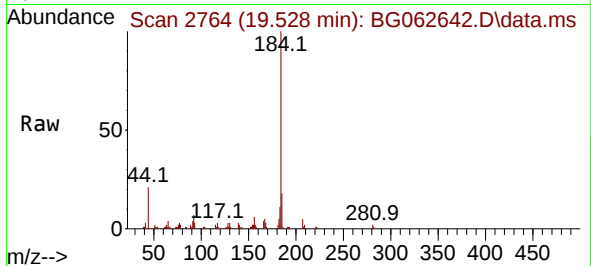




#77
Benzidine
Concen: 3.736 ng
RT: 19.528 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

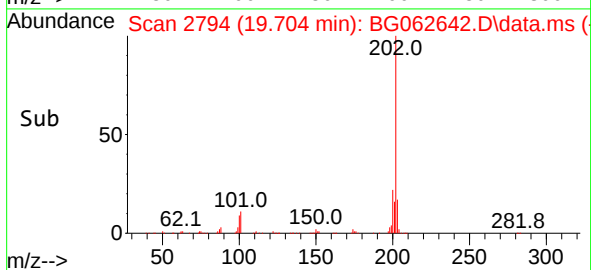
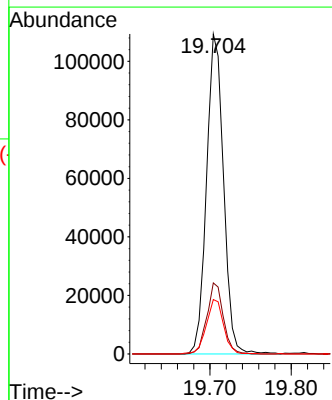
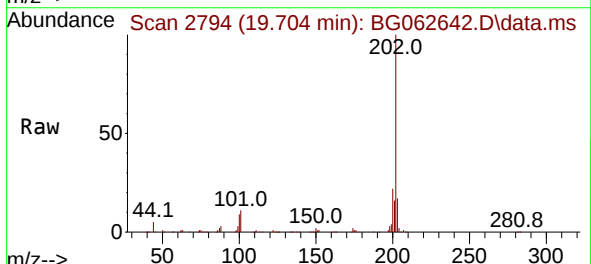
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

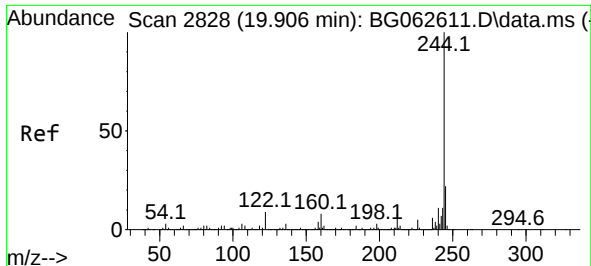
Tgt Ion:184 Resp: 41128
Ion Ratio Lower Upper
184 100
185 17.6 11.0 16.6#
183 11.1 9.7 14.5



#78
Pyrene
Concen: 4.075 ng
RT: 19.704 min Scan# 2794
Delta R.T. -0.002 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:202 Resp: 158213
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.0 14.1 21.1

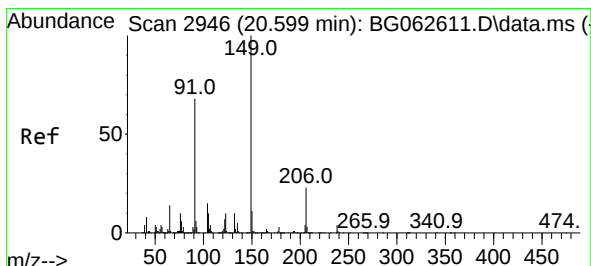
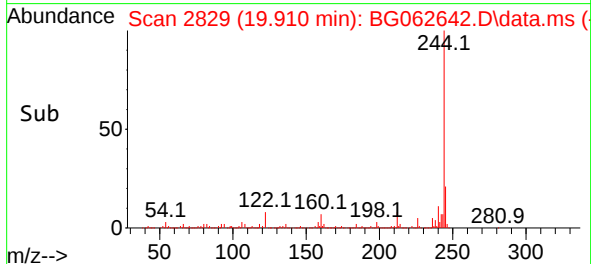
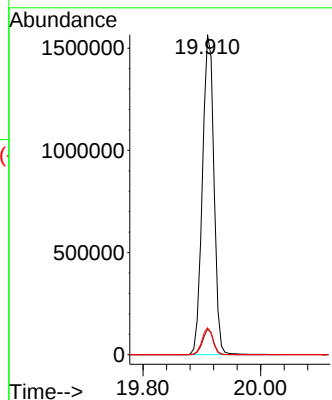
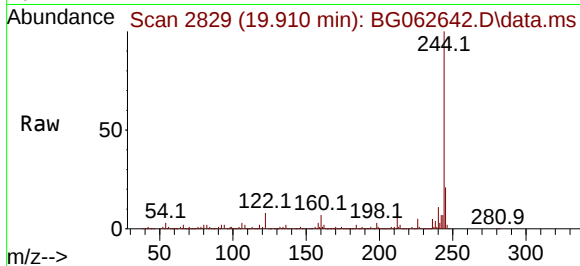




#79
 Terphenyl-d14
 Concen: 69.297 ng
 RT: 19.910 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

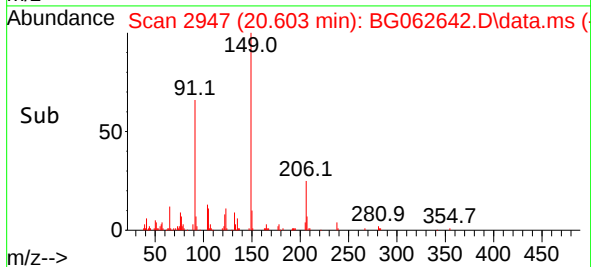
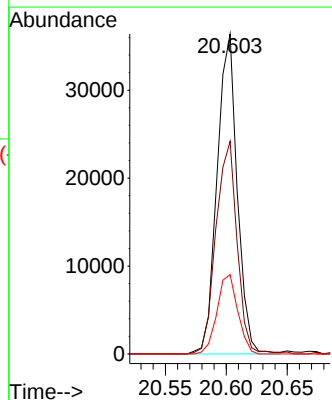
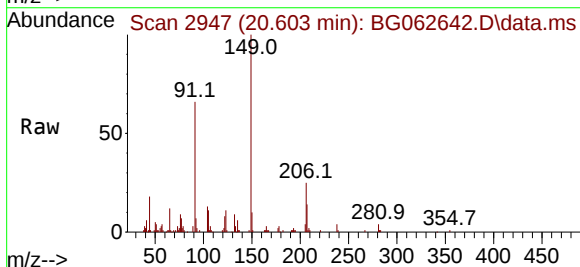
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

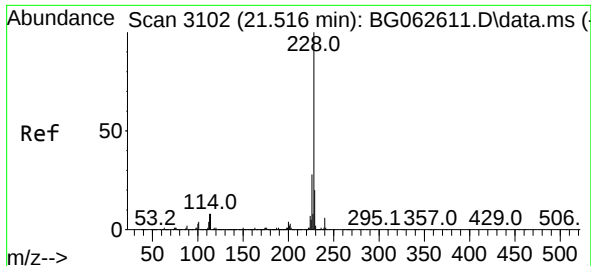
Tgt Ion:244 Resp: 2134687
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 8.4 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 3.677 ng
 RT: 20.603 min Scan# 2947
 Delta R.T. 0.004 min
 Lab File: BG062642.D
 Acq: 4 Sep 2024 14:08

Tgt Ion:149 Resp: 41935
 Ion Ratio Lower Upper
 149 100
 91 66.5 54.6 81.8
 206 24.8 18.4 27.6

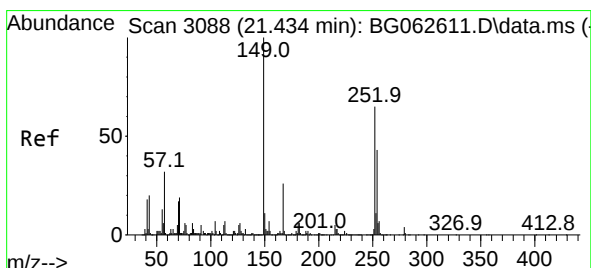
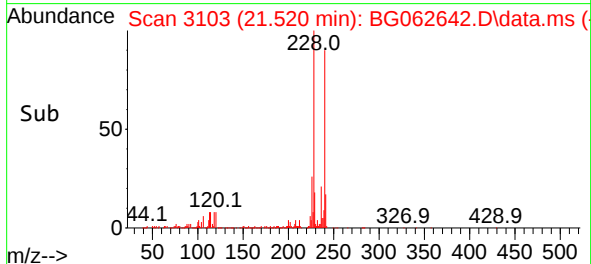
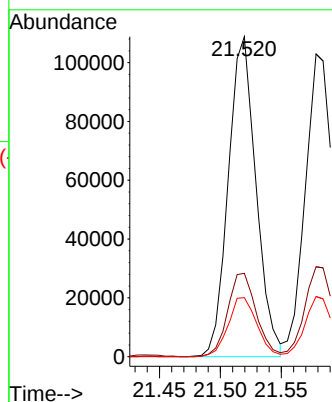
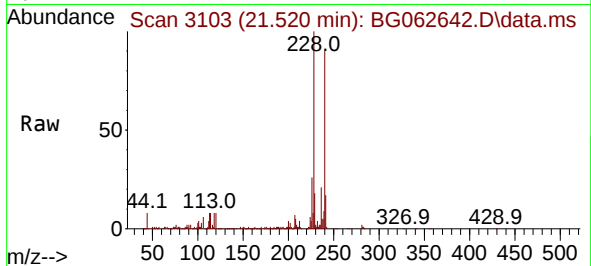




#81
Benzo(a)anthracene
Concen: 4.472 ng
RT: 21.520 min Scan# 3102
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

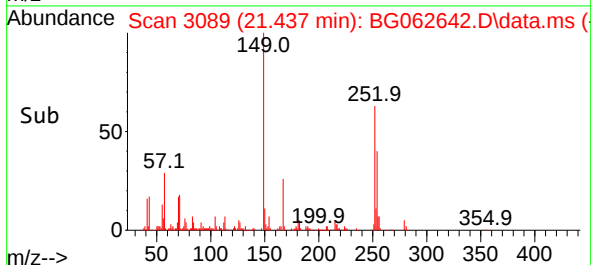
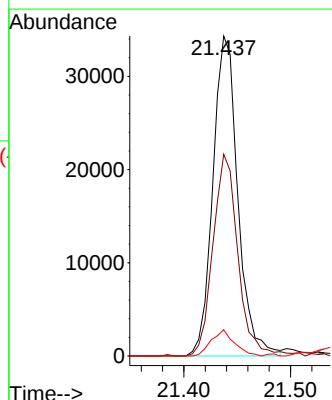
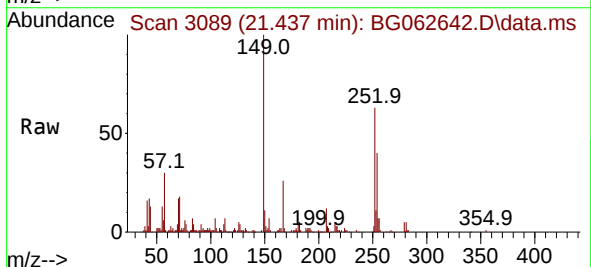
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

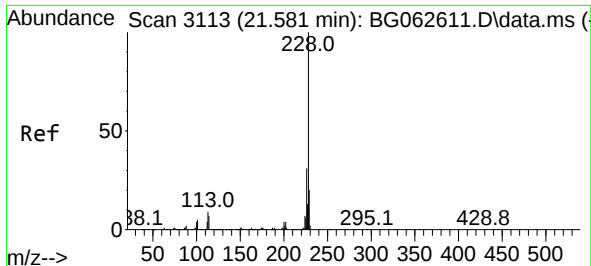
Tgt Ion:228 Resp: 172303
Ion Ratio Lower Upper
228 100
226 26.1 22.3 33.5
229 18.5 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 4.438 ng
RT: 21.437 min Scan# 3089
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:252 Resp: 55698
Ion Ratio Lower Upper
252 100
254 63.1 52.2 78.2
126 8.2 6.7 10.1





#83

Chrysene

Concen: 4.446 ng

RT: 21.578 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

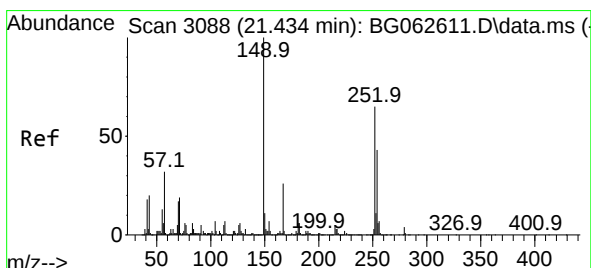
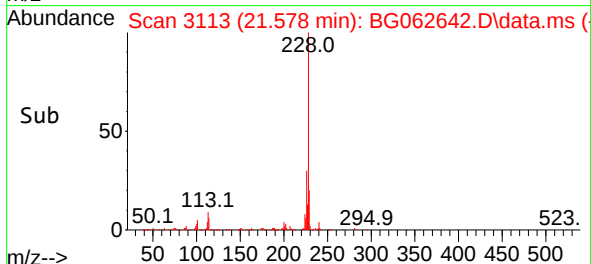
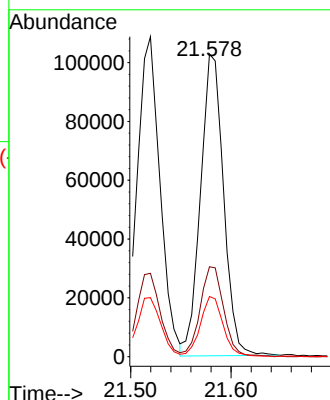
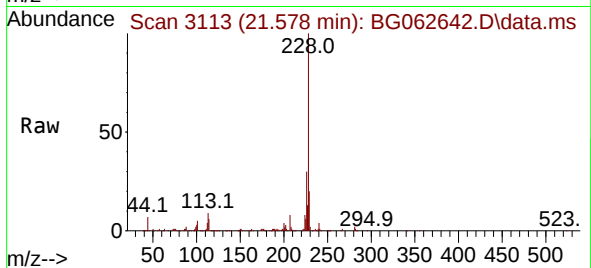
Tgt Ion:228 Resp: 164072

Ion Ratio Lower Upper

228 100

226 29.7 24.9 37.3

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.992 ng

RT: 21.437 min Scan# 3089

Delta R.T. 0.004 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

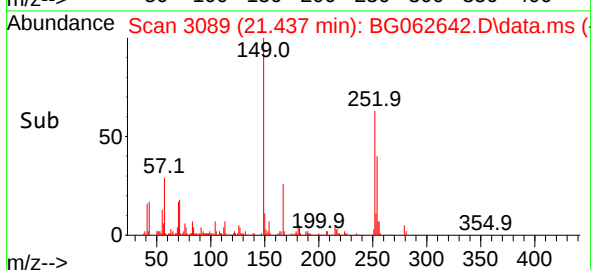
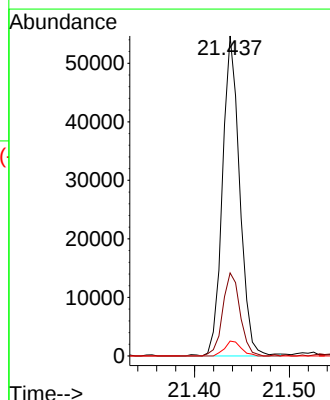
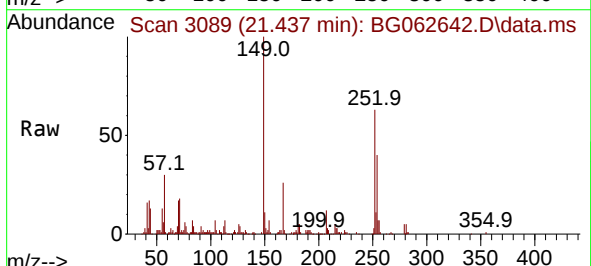
Tgt Ion:149 Resp: 69162

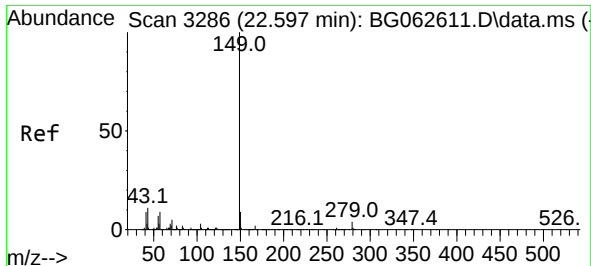
Ion Ratio Lower Upper

149 100

167 26.0 20.5 30.7

279 4.6 3.1 4.7

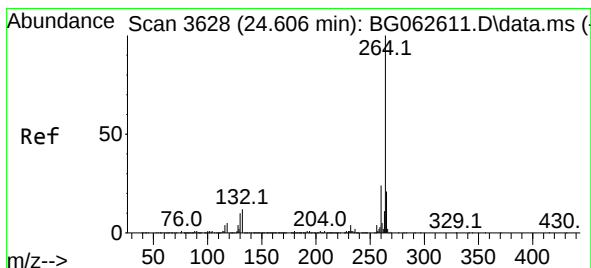
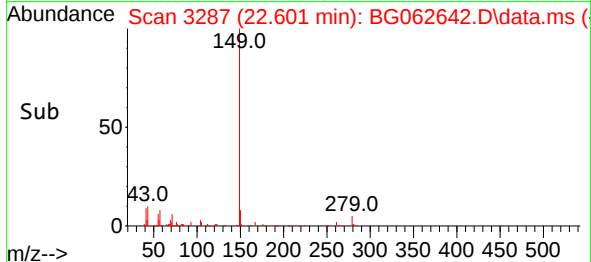
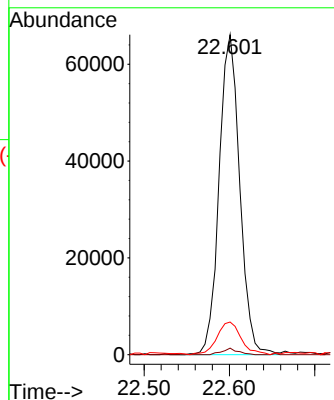
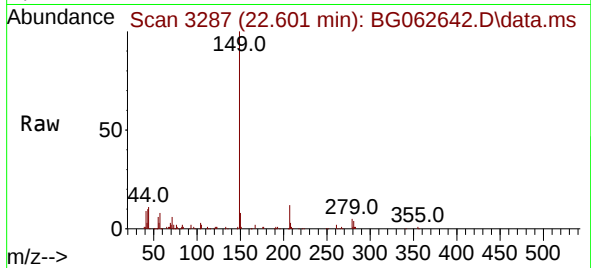




#85
Di-n-octyl phthalate
Concen: 3.666 ng
RT: 22.601 min Scan# 311
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

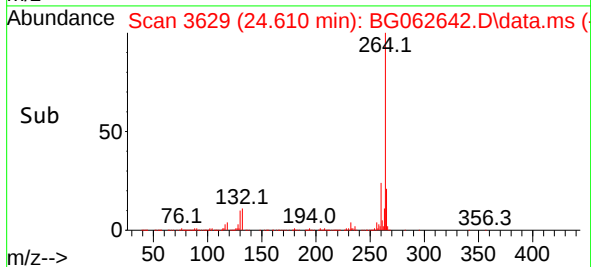
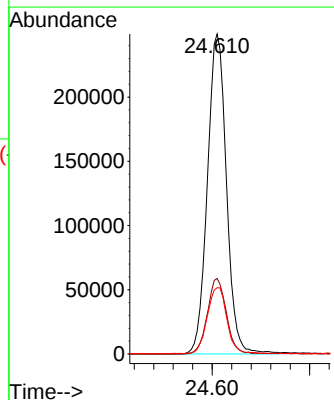
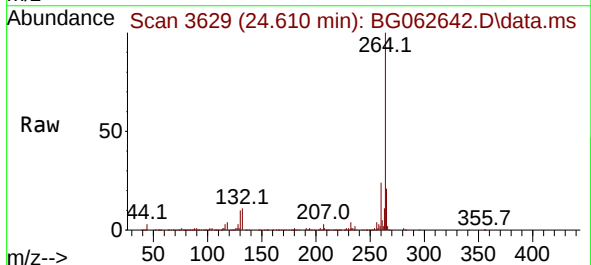
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:149 Resp: 111214
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 11.9 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.610 min Scan# 3629
Delta R.T. 0.004 min
Lab File: BG062642.D
Acq: 4 Sep 2024 14:08

Tgt Ion:264 Resp: 675838
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 20.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.352 ng

RT: 28.065 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG062642.D

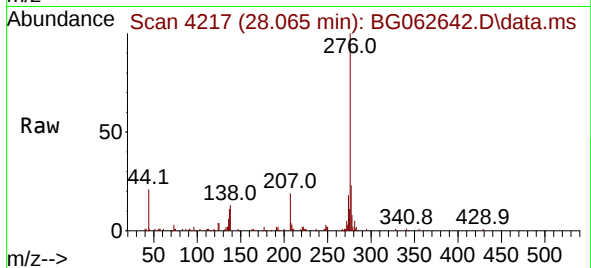
Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

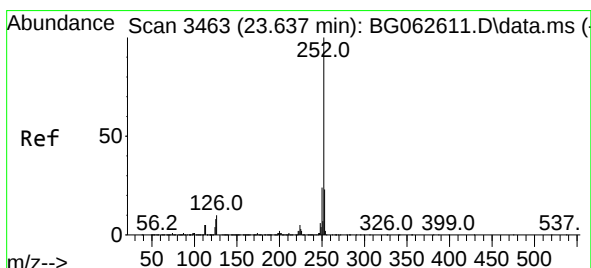
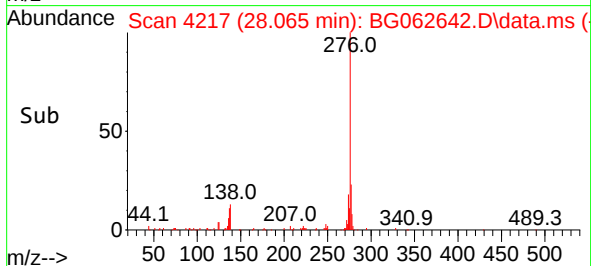
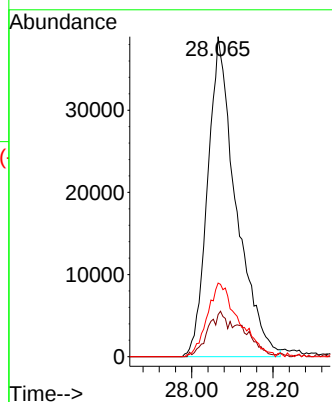
ClientSampleId :

LOQ-SOIL-02-QT2-2024



Tgt Ion:276 Resp: 188609

Ion	Ratio	Lower	Upper
276	100		
138	11.4	14.9	22.3
277	25.5	20.3	30.5



#88

Benzo(b)fluoranthene

Concen: 4.175 ng

RT: 23.635 min Scan# 3463

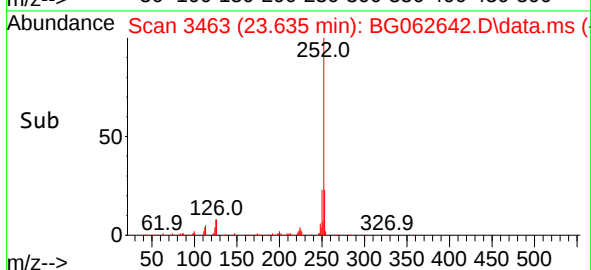
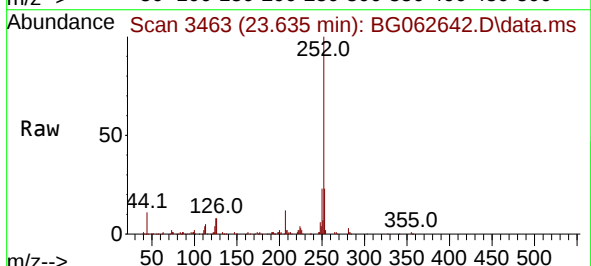
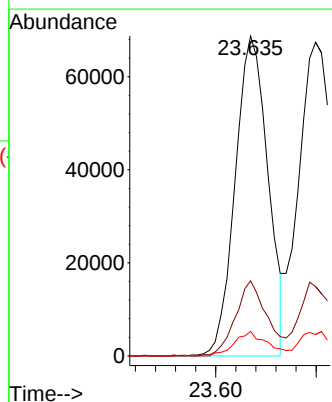
Delta R.T. -0.002 min

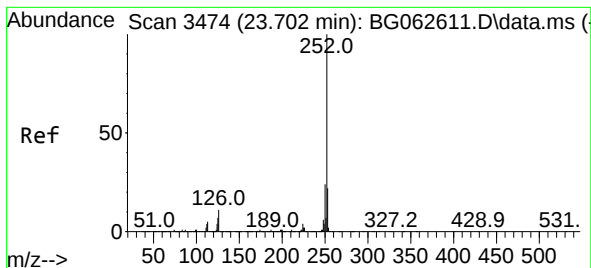
Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Tgt Ion:252 Resp: 155851

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	7.7	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 4.376 ng

RT: 23.699 min Scan# 34

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

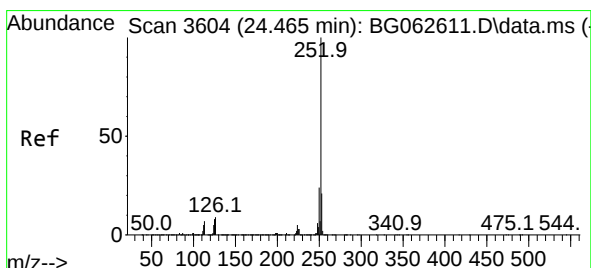
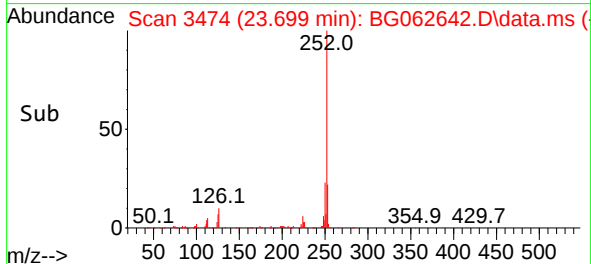
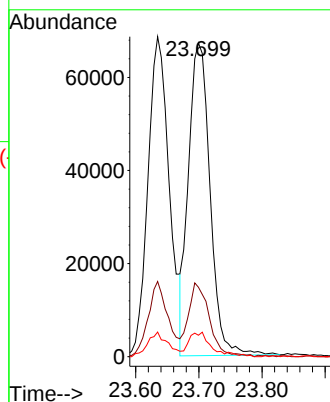
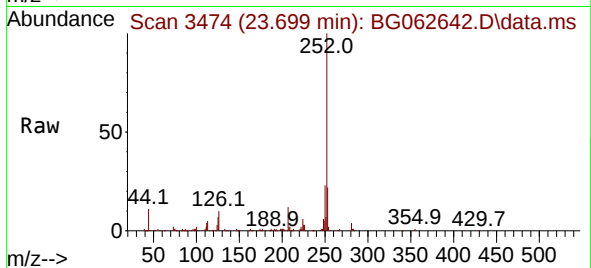
Tgt Ion:252 Resp: 159794

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 6.8 6.1 9.1



#90

Benzo(a)pyrene

Concen: 4.348 ng

RT: 24.463 min Scan# 3604

Delta R.T. -0.002 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

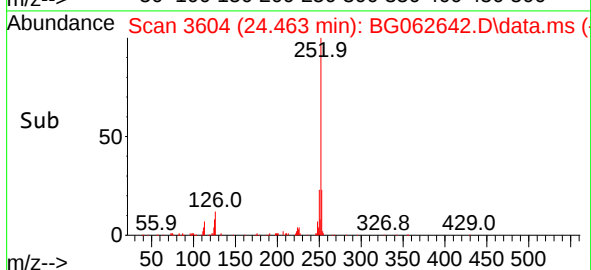
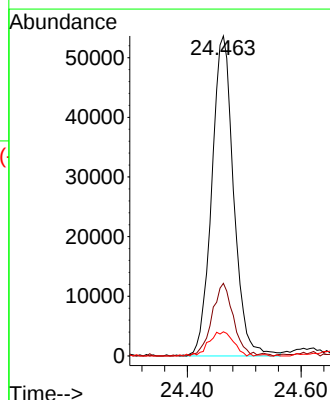
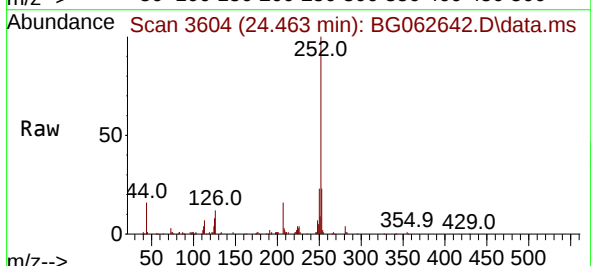
Tgt Ion:252 Resp: 143386

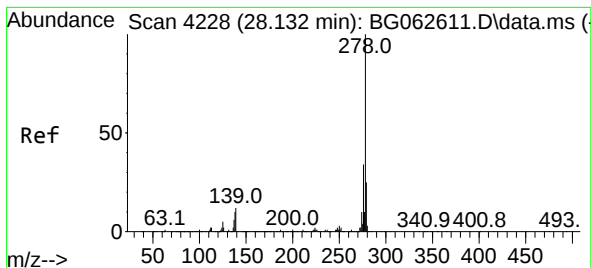
Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 7.6 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 4.412 ng

RT: 28.124 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2024

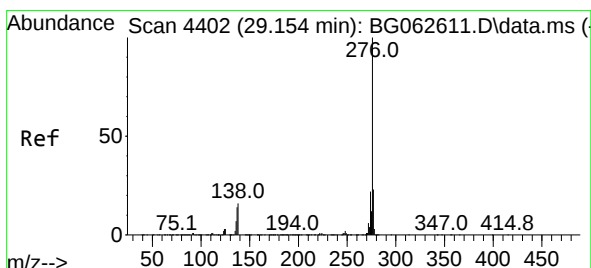
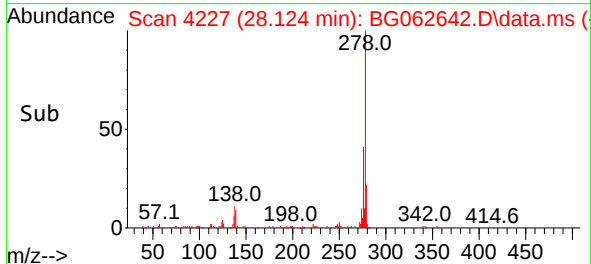
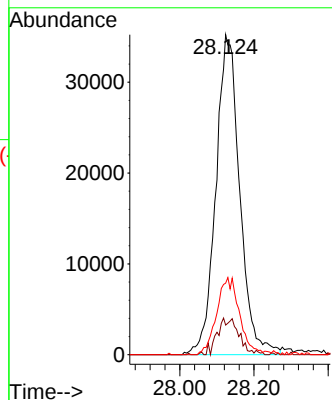
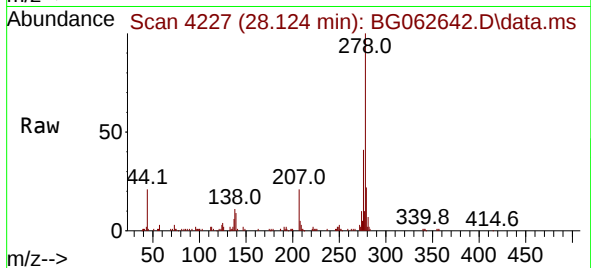
Tgt Ion:278 Resp: 157513

Ion Ratio Lower Upper

278 100

139 9.3 9.2 13.8

279 22.3 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 4.104 ng

RT: 29.146 min Scan# 4401

Delta R.T. -0.008 min

Lab File: BG062642.D

Acq: 4 Sep 2024 14:08

Tgt Ion:276 Resp: 147724

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 15.5 12.7 19.1

