

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063992.D
 Acq On : 4 Feb 2025 16:23
 Operator : RC/JU
 Sample : P1187-01
 Misc : LOD-MDL-SOIL 8PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Feb 05 01:10:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	69858	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	298079	20.000	ng	0.00
39) Acenaphthene-d10	14.499	164	197289	20.000	ng	0.00
64) Phenanthrene-d10	17.237	188	441924	20.000	ng	0.00
76) Chrysene-d12	21.473	240	477897	20.000	ng	0.00
86) Perylene-d12	24.505	264	503218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	536837	123.210	ng	0.00
7) Phenol-d6	7.031	99	769976	128.773	ng	0.00
23) Nitrobenzene-d5	9.023	82	500206	101.987	ng	0.00
42) 2,4,6-Tribromophenol	15.985	330	289366	127.308	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	1157200	89.868	ng	0.00
79) Terphenyl-d14	19.863	244	2014080	88.017	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	17425	8.421	ng	98
3) Pyridine	3.782	79	41865	7.493	ng	96
4) n-Nitrosodimethylamine	3.694	42	25798	8.030	ng	# 95
6) Aniline	7.196	93	61409	9.584	ng	97
8) 2-Chlorophenol	7.431	128	41675	9.387	ng	96
9) Benzaldehyde	7.008	77	39216	12.014	ng	97
10) Phenol	7.055	94	55410	8.803	ng	94
11) bis(2-Chloroethyl)ether	7.295	93	43931	8.668	ng	95
12) 1,3-Dichlorobenzene	7.760	146	44121	8.351	ng	98
13) 1,4-Dichlorobenzene	7.906	146	44120	8.269	ng	95
14) 1,2-Dichlorobenzene	8.224	146	44116	8.627	ng	92
15) Benzyl Alcohol	8.100	79	39185	8.768	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.394	45	93003	9.113	ng	98
17) 2-Methylphenol	8.306	107	34843	8.559	ng	95
18) Hexachloroethane	8.946	117	15583	8.874	ng	99
19) n-Nitroso-di-n-propyla...	8.670	70	36664	8.854	ng	98
20) 3+4-Methylphenols	8.629	107	46829	8.635	ng	95
22) Acetophenone	8.682	105	73509	8.976	ng	99
24) Nitrobenzene	9.064	77	52136	12.289	ng	98
25) Isophorone	9.587	82	97969	9.214	ng	99
26) 2-Nitrophenol	9.775	139	10440	14.993	ng	98
27) 2,4-Dimethylphenol	9.834	122	22823	7.462	ng	93
28) bis(2-Chloroethoxy)met...	10.075	93	60083	8.881	ng	97
29) 2,4-Dichlorophenol	10.298	162	33851	11.151	ng	95
30) 1,2,4-Trichlorobenzene	10.521	180	43447	8.647	ng	95
31) Naphthalene	10.709	128	142037	8.888	ng	97
32) Benzoic acid	9.898	122	10921m	12.854	ng	
33) 4-Chloroaniline	10.809	127	56775	9.272	ng	96
34) Hexachlorobutadiene	11.003	225	28339	8.856	ng	93
35) Caprolactam	11.555	113	11484	11.847	ng	# 79
36) 4-Chloro-3-methylphenol	11.931	107	42988	8.781	ng	97
37) 2-Methylnaphthalene	12.319	142	97916	8.792	ng	98
38) 1-Methylnaphthalene	12.536	142	90543	8.217	ng	100
40) 1,2,4,5-Tetrachloroben...	12.683	216	52742	9.065	ng	99
41) Hexachlorocyclopentadiene	12.677	237	12183	8.274	ng	93
43) 2,4,6-Trichlorophenol	12.924	196	25392m	11.564	ng	

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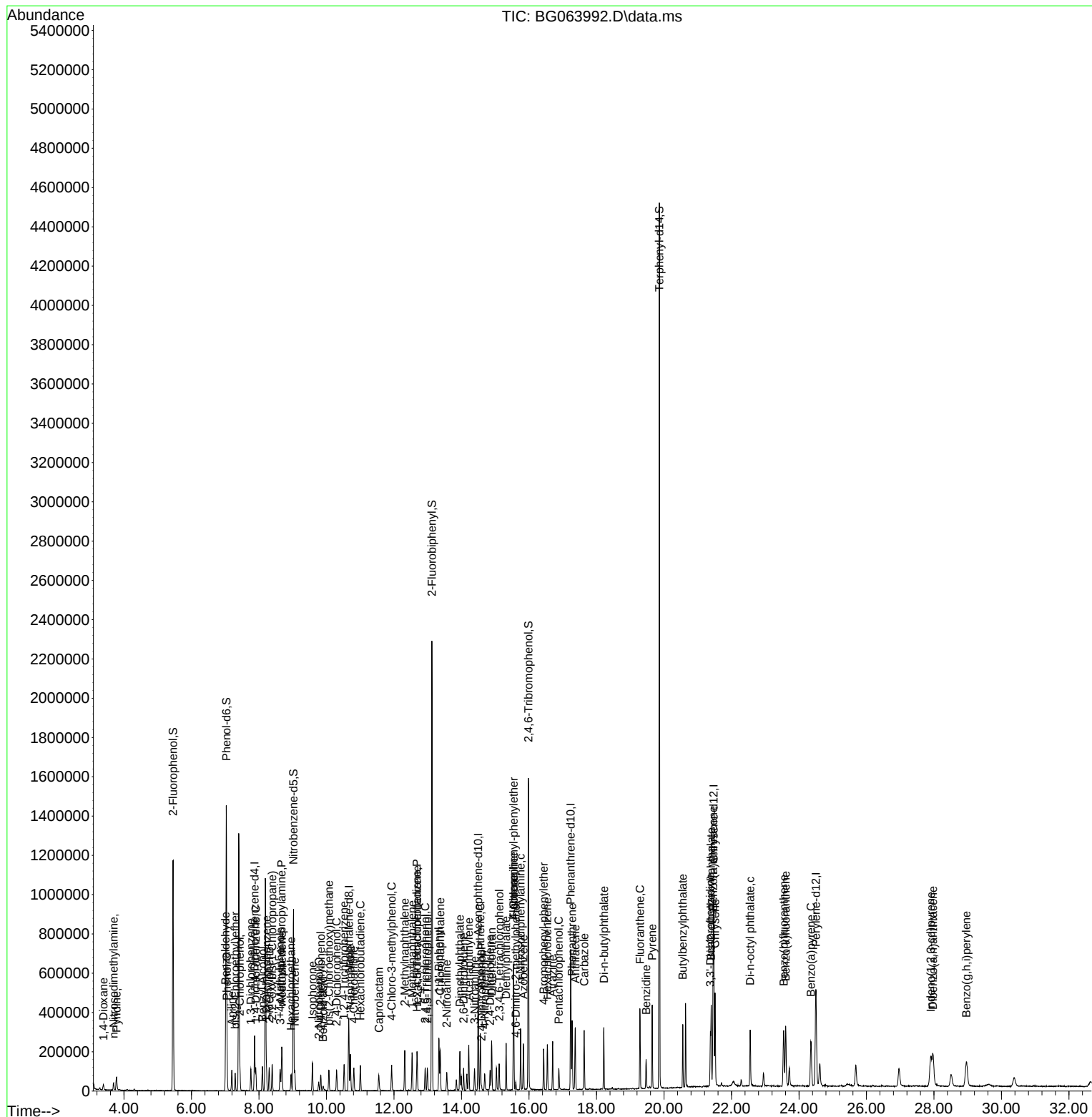
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	30014	11.101	ng	90
46) 1,1'-Biphenyl	13.330	154	139280	9.272	ng	100
47) 2-Chloronaphthalene	13.371	162	98177	8.967	ng	97
48) 2-Nitroaniline	13.565	65	23109	12.836	ng	95
49) Acenaphthylene	14.217	152	156908	9.227	ng	97
50) Dimethylphthalate	13.952	163	119107	9.105	ng	98
51) 2,6-Dinitrotoluene	14.064	165	18394	12.065	ng	96
52) Acenaphthene	14.557	154	101532	8.901	ng	96
53) 3-Nitroaniline	14.387	138	20900	11.741	ng	90
54) 2,4-Dinitrophenol	14.593	184	3934	12.390	ng	# 84
55) Dibenzofuran	14.892	168	161009	8.693	ng	99
56) 4-Nitrophenol	14.687	139	15733	13.997	ng	94
57) 2,4-Dinitrotoluene	14.845	165	23474	12.410	ng	# 98
58) Fluorene	15.545	166	127838	8.930	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.122	232	27407	11.790	ng	99
60) Diethylphthalate	15.321	149	123881	8.932	ng	98
61) 4-Chlorophenyl-phenyle...	15.545	204	65198	9.077	ng	99
62) 4-Nitroaniline	15.545	138	23391	10.874	ng	97
63) Azobenzene	15.832	77	138386	8.448	ng	100
65) 4,6-Dinitro-2-methylph...	15.609	198	7361	13.017	ng	95
66) n-Nitrosodiphenylamine	15.750	169	110682	9.033	ng	97
67) 4-Bromophenyl-phenylether	16.432	248	39054	8.879	ng	98
68) Hexachlorobenzene	16.543	284	46911	9.071	ng	93
69) Atrazine	16.702	200	39791	9.759	ng	96
70) Pentachlorophenol	16.884	266	20025m	13.973	ng	
71) Phenanthrene	17.278	178	209888	9.043	ng	99
72) Anthracene	17.372	178	201656	8.683	ng	98
73) Carbazole	17.636	167	194018	8.924	ng	97
74) Di-n-butylphthalate	18.218	149	213833	9.435	ng	99
75) Fluoranthene	19.287	202	251316	8.892	ng	99
77) Benzidine	19.469	184	87217	8.570	ng	99
78) Pyrene	19.651	202	276006	9.355	ng	97
80) Butylbenzylphthalate	20.556	149	82560	12.643	ng	97
81) Benzo(a)anthracene	21.455	228	281492	9.277	ng	98
82) 3,3'-Dichlorobenzidine	21.373	252	90974	9.628	ng	99
83) Chrysene	21.514	228	277326	9.184	ng	100
84) Bis(2-ethylhexyl)phtha...	21.397	149	139128	12.106	ng	97
85) Di-n-octyl phthalate	22.554	149	224030	14.029	ng	100
87) Indeno(1,2,3-cd)pyrene	27.907	276	304472	9.379	ng	# 91
88) Benzo(b)fluoranthene	23.547	252	264168	8.915	ng	98
89) Benzo(k)fluoranthene	23.606	252	270613	8.894	ng	97
90) Benzo(a)pyrene	24.352	252	247842	9.370	ng	98
91) Dibenzo(a,h)anthracene	27.971	278	248551	9.067	ng	98
92) Benzo(g,h,i)perylene	28.958	276	239175	8.643	ng	97

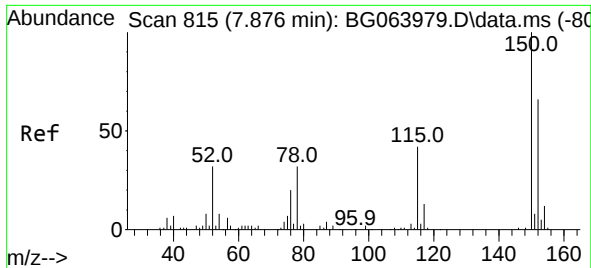
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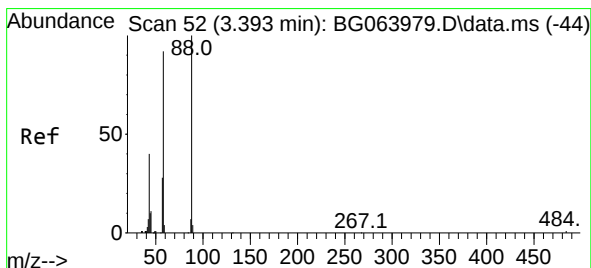
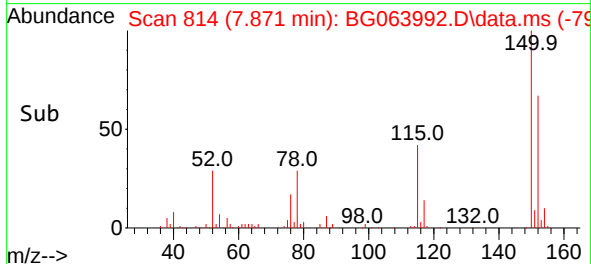
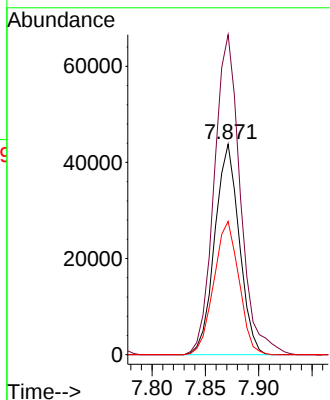
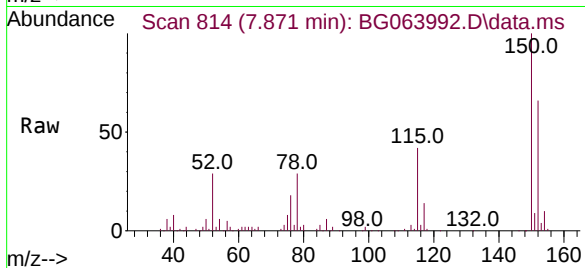




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.871 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG063992.D
 Acq: 4 Feb 2025 16:23

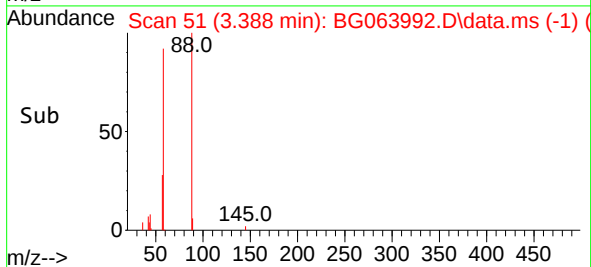
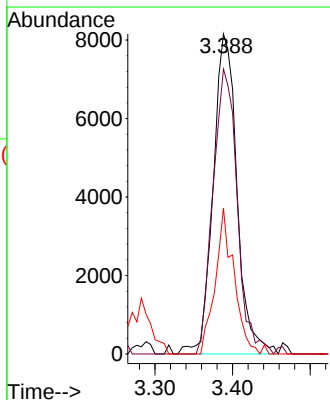
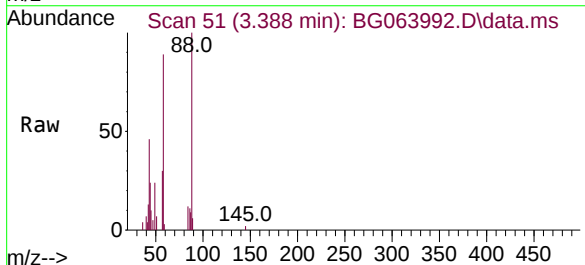
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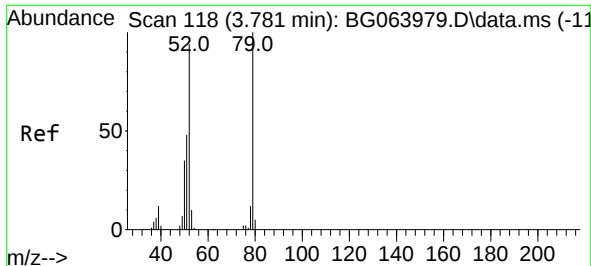
Tgt Ion:152 Resp: 69858
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.0 181.6
 115 63.3 50.4 75.6



#2
 1,4-Dioxane
 Concen: 8.421 ng
 RT: 3.388 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: BG063992.D
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Tgt Ion: 88 Resp: 17425
 Ion Ratio Lower Upper
 88 100
 58 90.1 71.8 107.8
 43 35.7 31.2 46.8

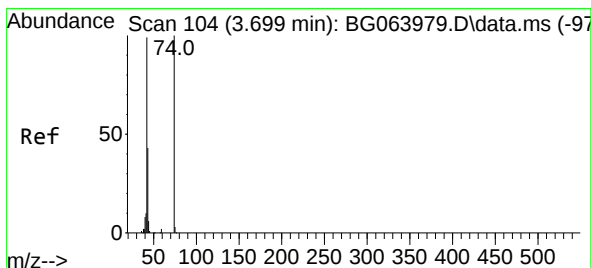
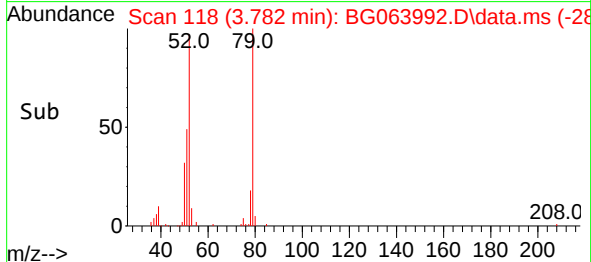
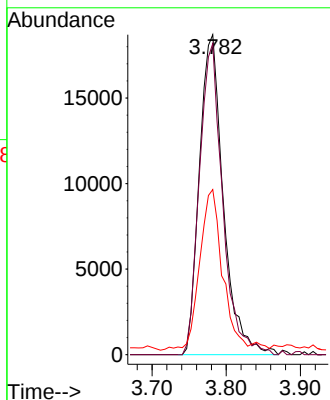
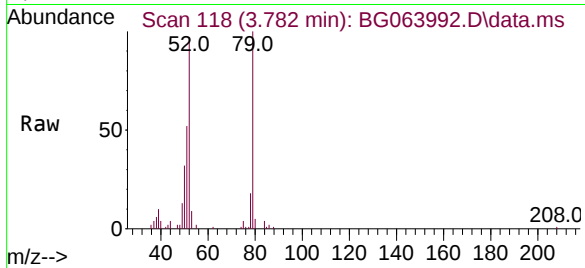




#3
Pyridine
Concen: 7.493 ng
RT: 3.782 min Scan# 118
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

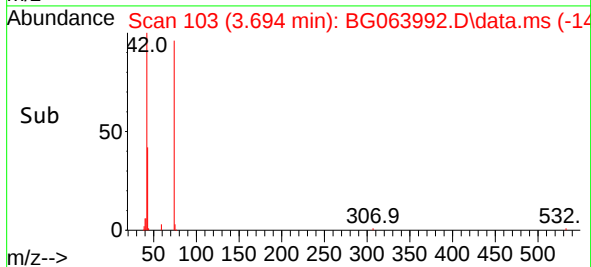
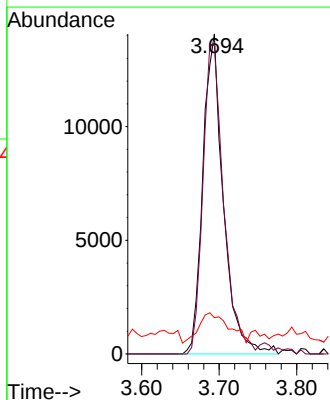
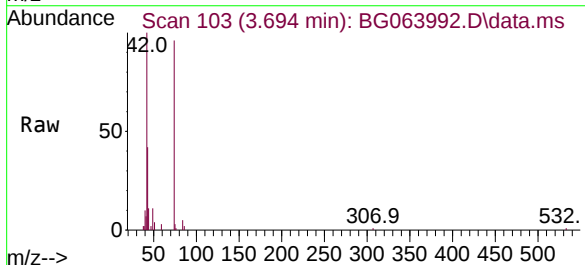
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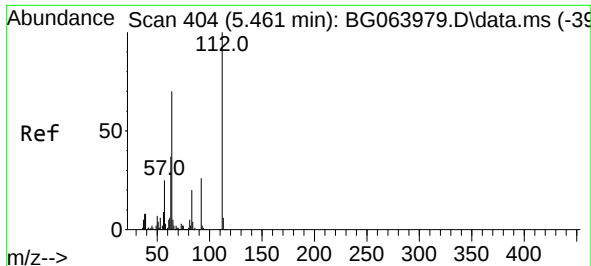
Tgt Ion: 79 Resp: 41865
Ion Ratio Lower Upper
79 100
52 97.3 75.1 112.7
51 51.6 38.9 58.3



#4
n-Nitrosodimethylamine
Concen: 8.030 ng
RT: 3.694 min Scan# 103
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion: 42 Resp: 25798
Ion Ratio Lower Upper
42 100
74 96.3 80.8 121.2
44 11.4 5.8 8.6

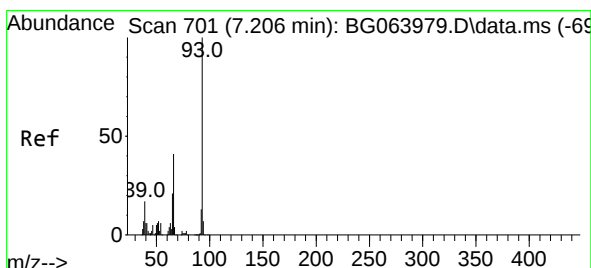
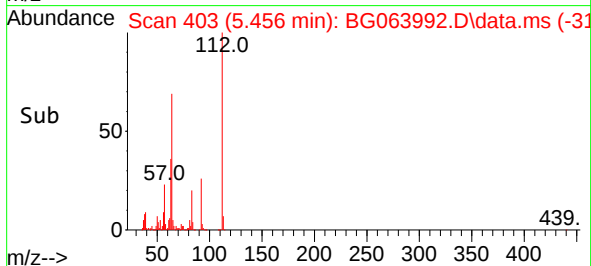
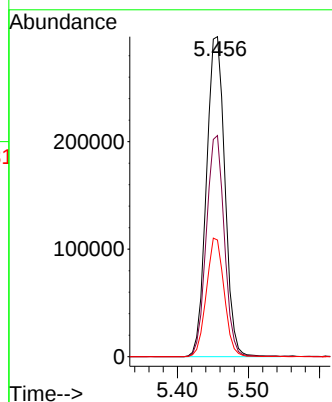
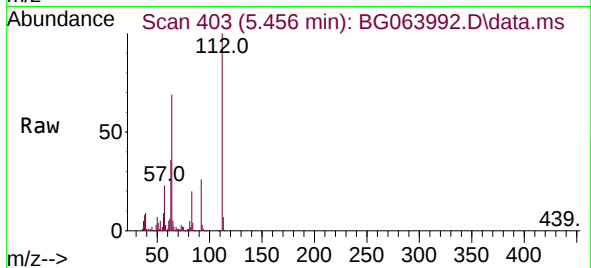




#5
2-Fluorophenol
Concen: 123.210 ng
RT: 5.456 min Scan# 404
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

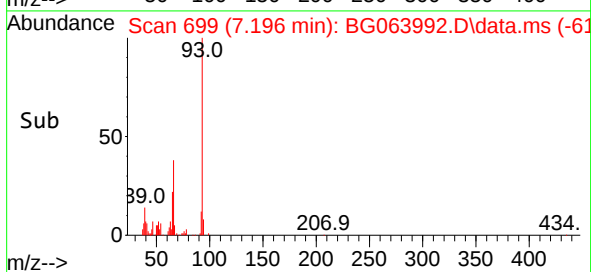
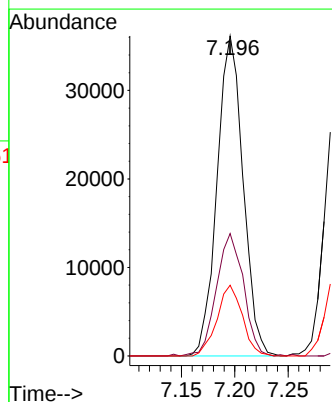
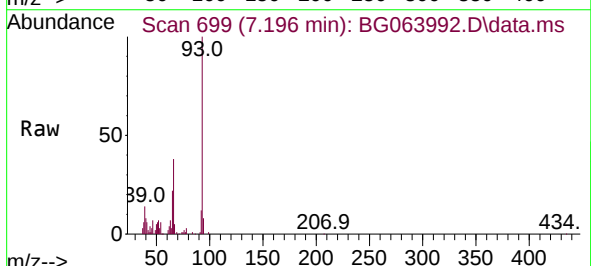
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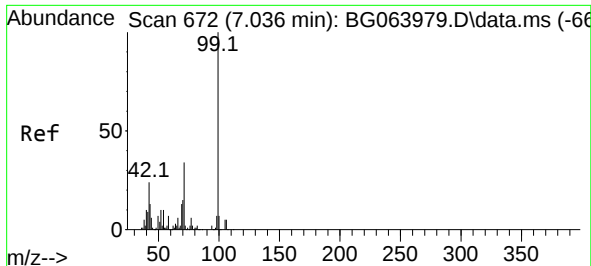
Tgt Ion:112 Resp: 536837
Ion Ratio Lower Upper
112 100
64 69.1 55.8 83.8
63 36.4 29.3 43.9



#6
Aniline
Concen: 9.584 ng
RT: 7.196 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG063992.D
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Tgt Ion: 93 Resp: 61409
Ion Ratio Lower Upper
93 100
66 38.3 32.5 48.7
65 22.1 16.6 25.0

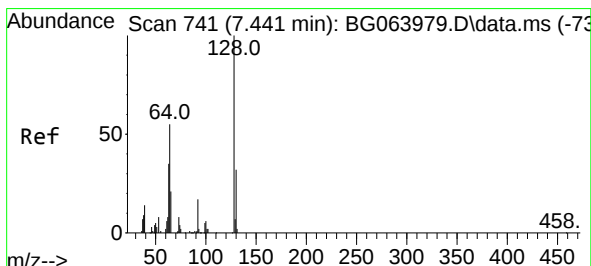
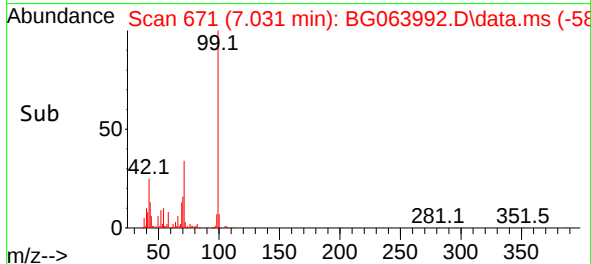
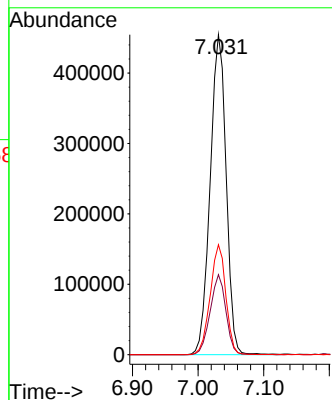
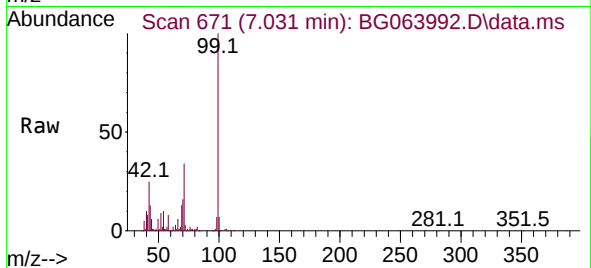




#7
Phenol-d6
Concen: 128.773 ng
RT: 7.031 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG063992.D
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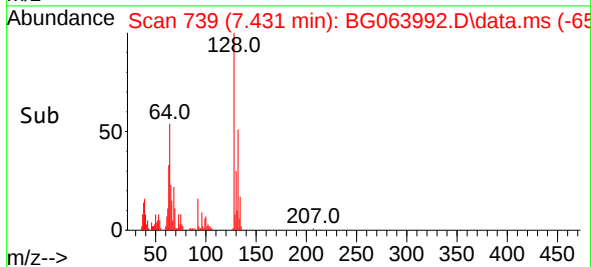
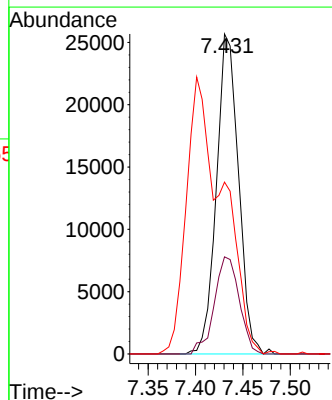
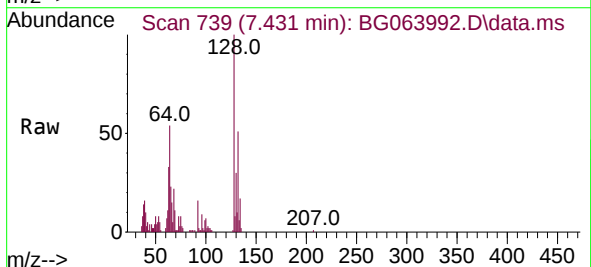
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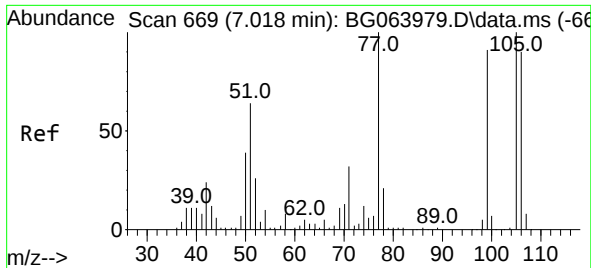
Tgt Ion: 99 Resp: 769976
Ion Ratio Lower Upper
99 100
42 25.0 18.9 28.3
71 34.3 27.0 40.6



#8
2-Chlorophenol
Concen: 9.387 ng
RT: 7.431 min Scan# 739
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:128 Resp: 41675
Ion Ratio Lower Upper
128 100
130 30.4 11.9 51.9
64 53.7 36.8 76.8

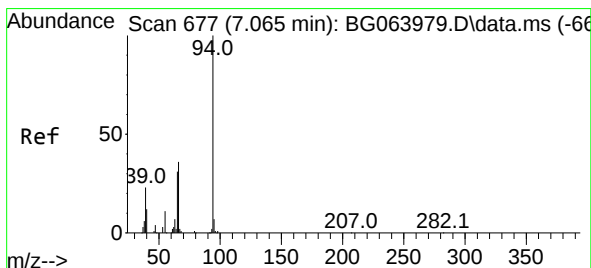
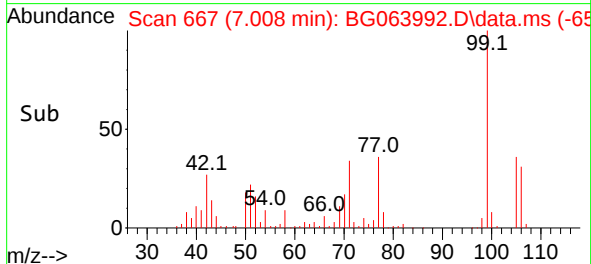
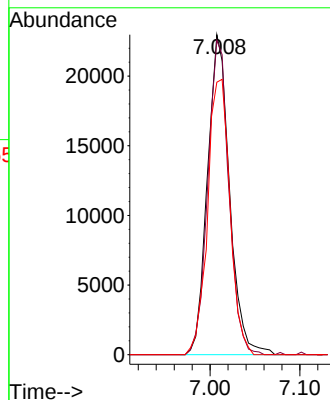
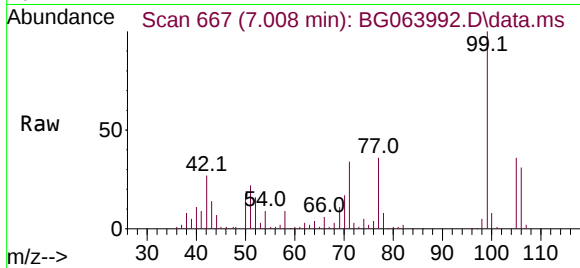




#9
Benzaldehyde
Concen: 12.014 ng
RT: 7.008 min Scan# 60
Delta R.T. -0.011 min
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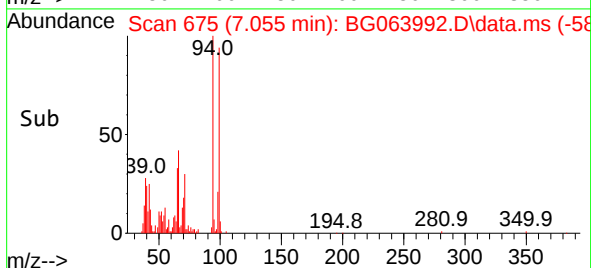
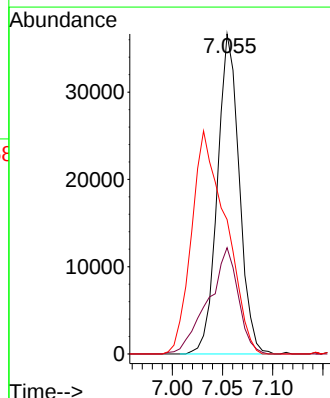
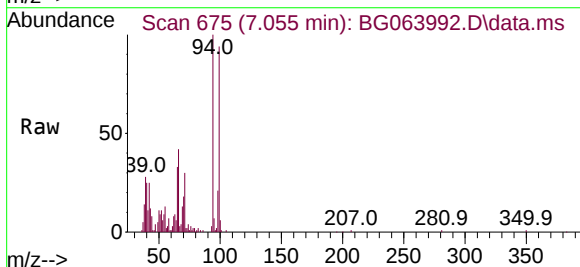
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

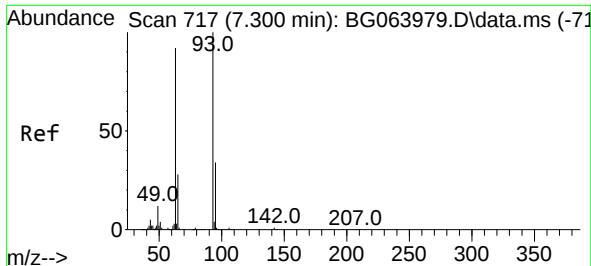
Tgt Ion: 77 Resp: 39216
Ion Ratio Lower Upper
77 100
105 98.2 79.8 119.8
106 85.1 69.9 109.9



#10
Phenol
Concen: 8.803 ng
RT: 7.055 min Scan# 675
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion: 94 Resp: 55410
Ion Ratio Lower Upper
94 100
65 33.2 11.4 51.4
66 42.0 16.7 56.7

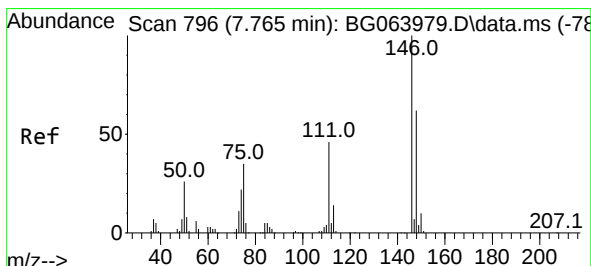
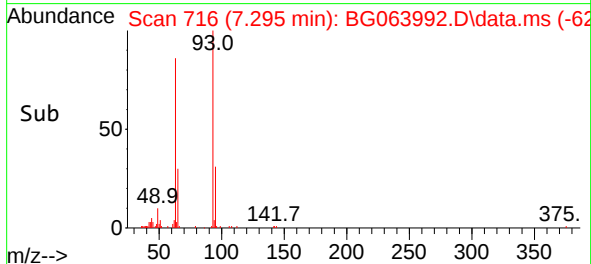
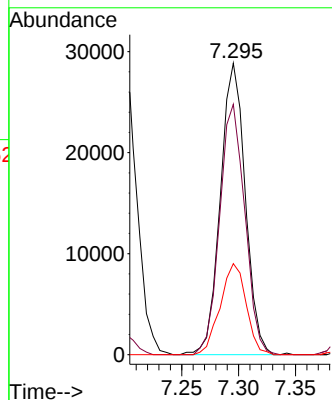
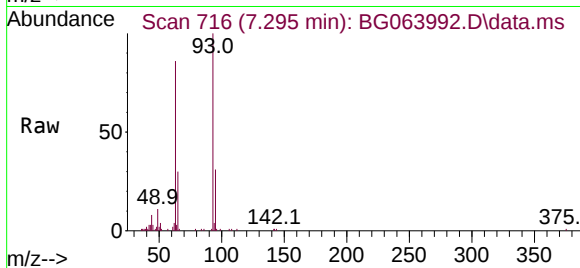




#11
bis(2-Chloroethyl)ether
Concen: 8.668 ng
RT: 7.295 min Scan# 716
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

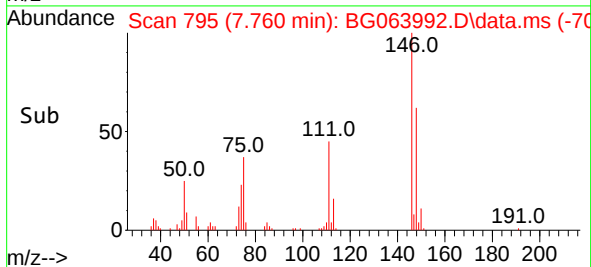
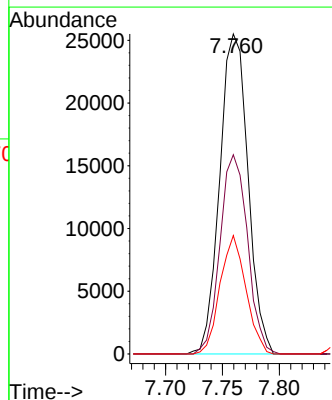
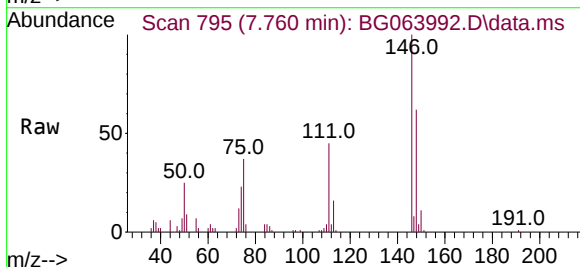
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

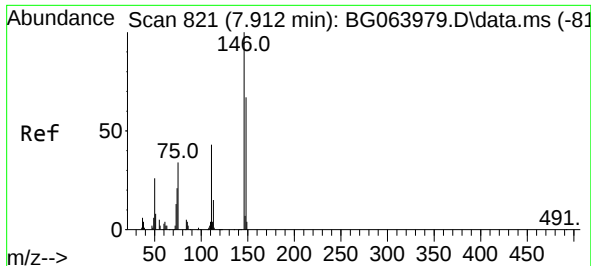
Tgt Ion: 93 Resp: 43931
Ion Ratio Lower Upper
93 100
63 85.9 71.2 111.2
95 31.2 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 8.351 ng
RT: 7.760 min Scan# 795
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:146 Resp: 44121
Ion Ratio Lower Upper
146 100
148 62.2 49.6 74.4
75 37.0 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 8.269 ng

RT: 7.906 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

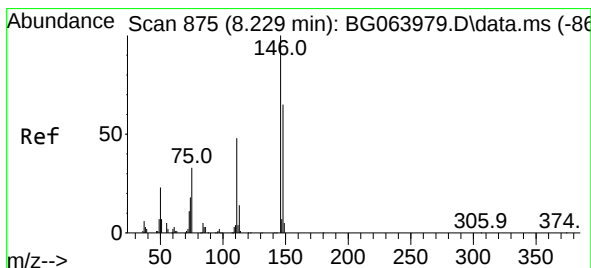
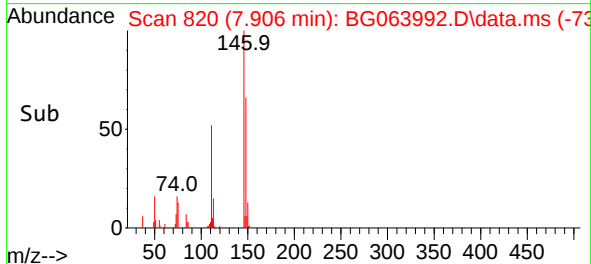
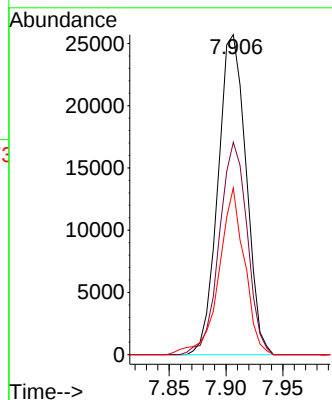
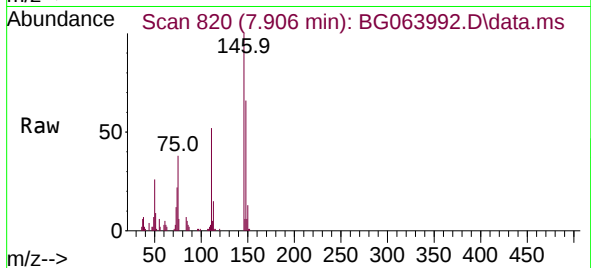
Tgt Ion:146 Resp: 44120

Ion Ratio Lower Upper

146 100

148 66.4 53.3 79.9

111 52.1 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 8.627 ng

RT: 8.224 min Scan# 874

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

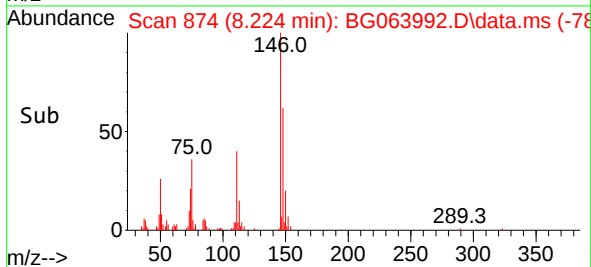
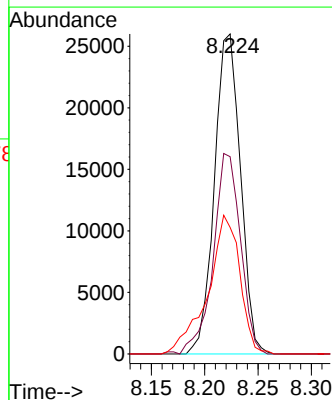
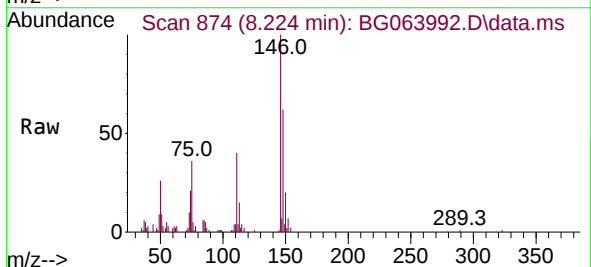
Tgt Ion:146 Resp: 44116

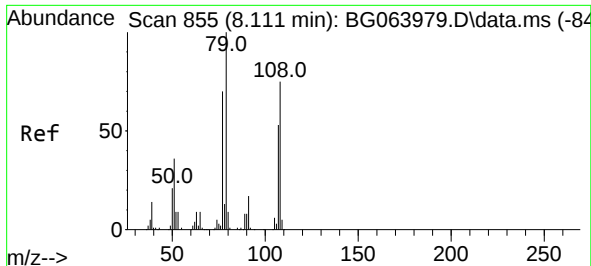
Ion Ratio Lower Upper

146 100

148 61.7 52.0 78.0

111 39.6 38.2 57.2

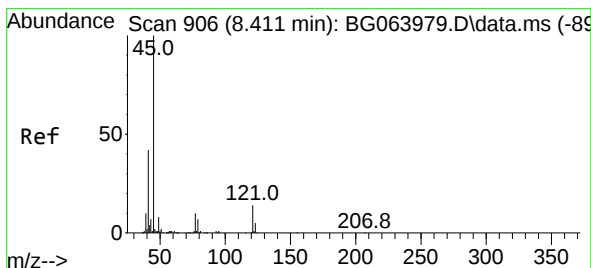
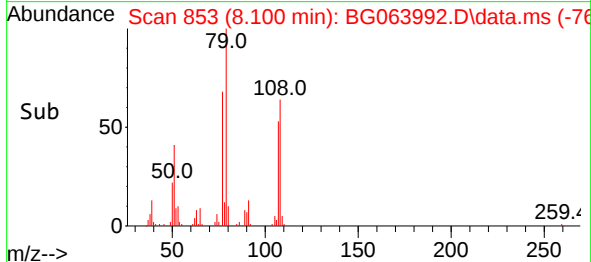
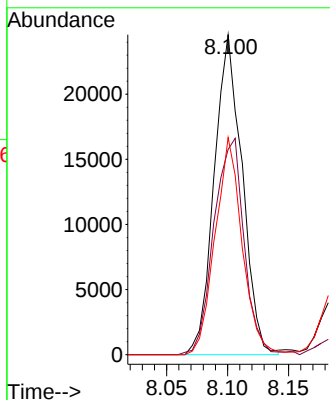
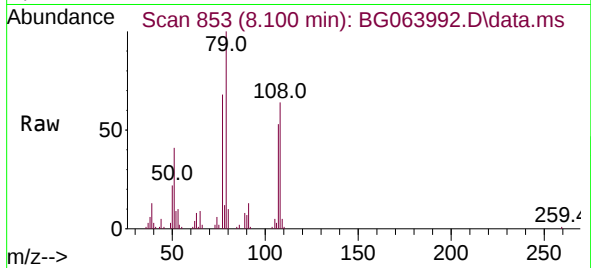




#15
Benzyl Alcohol
Concen: 8.768 ng
RT: 8.100 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

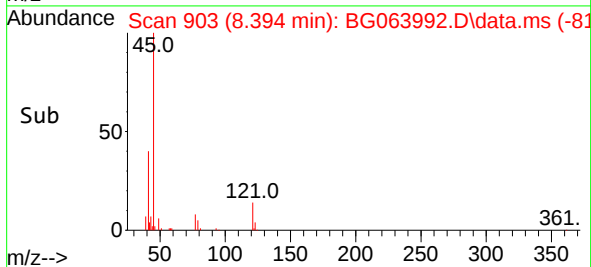
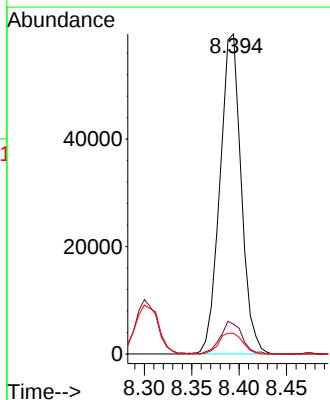
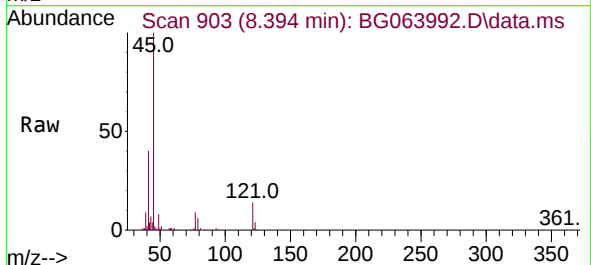
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

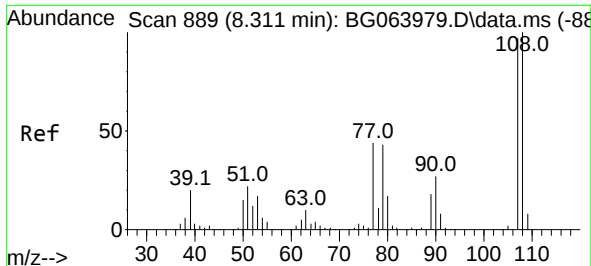
Tgt Ion: 79 Resp: 39185
Ion Ratio Lower Upper
79 100
108 64.1 60.3 90.5
77 67.9 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.113 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.017 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion: 45 Resp: 93003
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.8
79 6.4 0.0 27.7

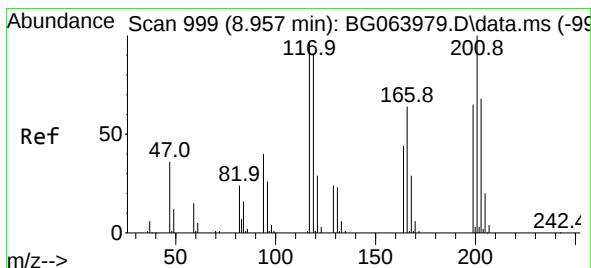
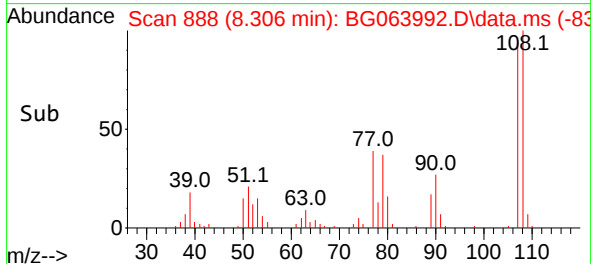
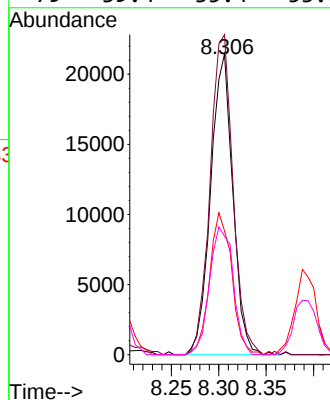
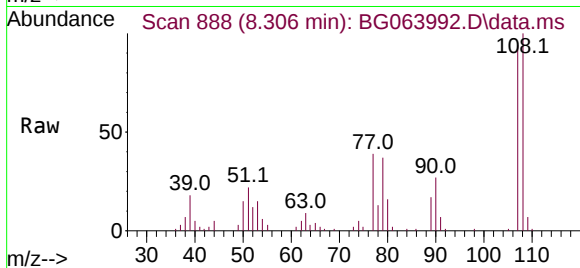




#17
2-Methylphenol
Concen: 8.559 ng
RT: 8.306 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

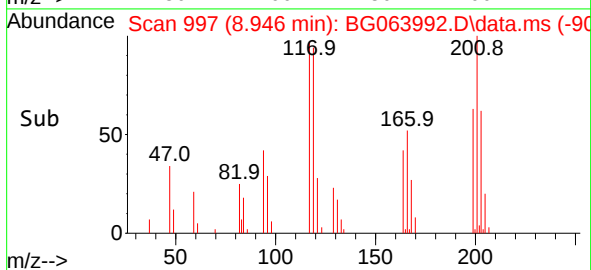
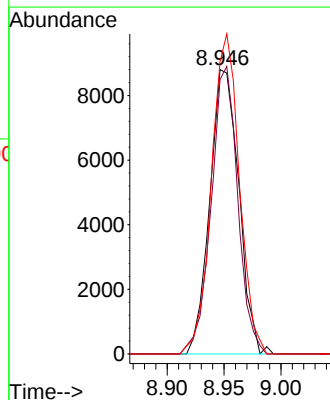
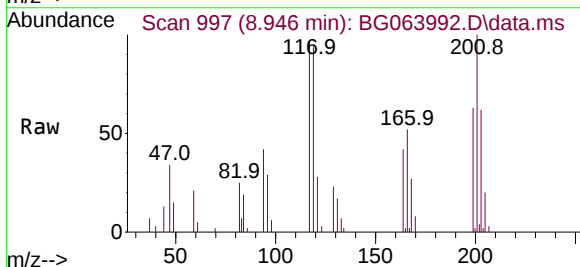
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

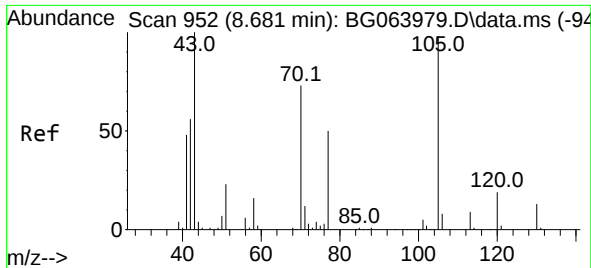
Tgt Ion:	107	Resp:	34843
Ion	Ratio	Lower	Upper
107	100		
108	106.4	82.9	124.3
77	41.1	36.4	54.6
79	39.4	35.4	53.0



#18
Hexachloroethane
Concen: 8.874 ng
RT: 8.946 min Scan# 997
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:	117	Resp:	15583
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	102.8	82.4	123.6

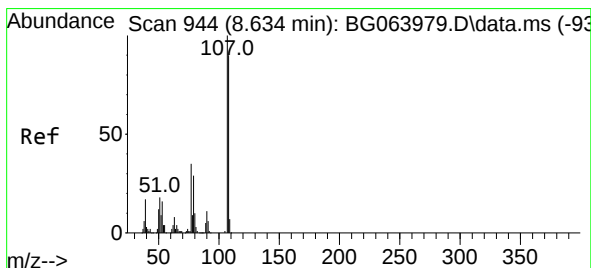
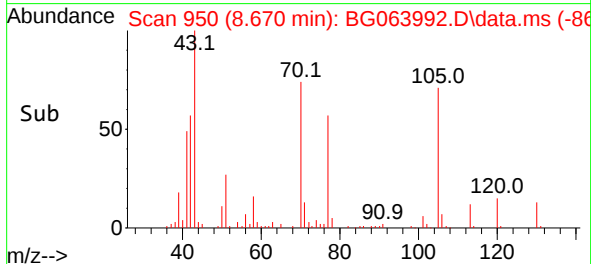
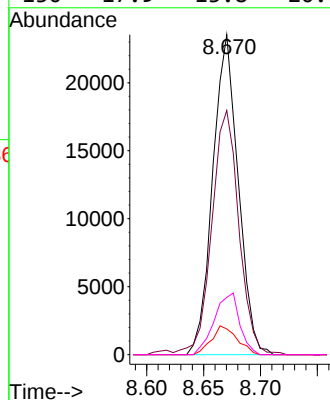
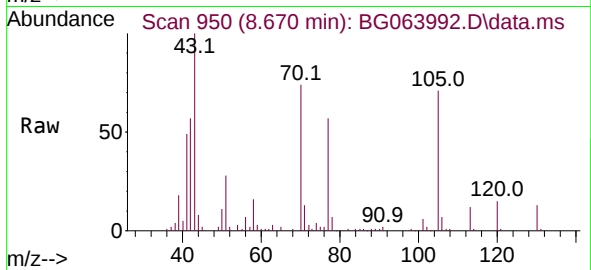




#19
n-Nitroso-di-n-propylamine
Concen: 8.854 ng
RT: 8.670 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

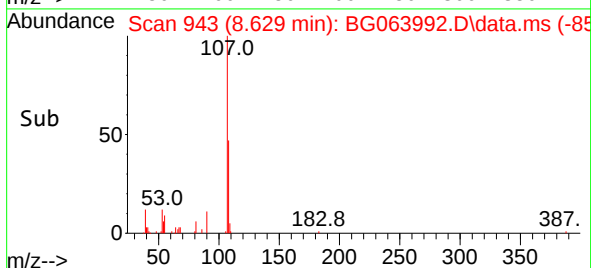
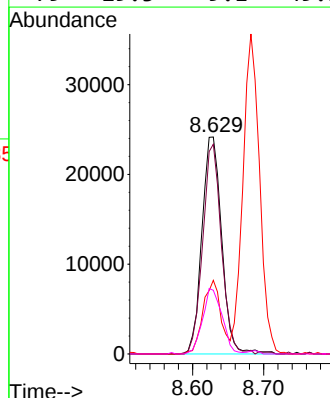
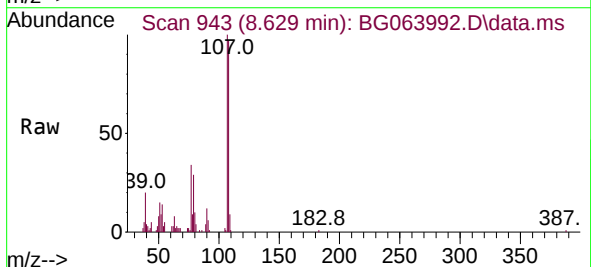
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

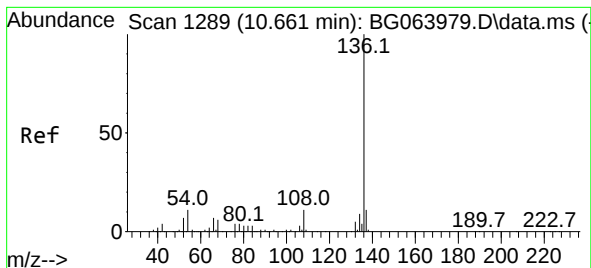
Tgt Ion:	70	Resp:	36664
Ion	Ratio	Lower	Upper
70	100		
42	76.3	62.2	93.4
101	8.0	5.6	8.4
130	17.9	13.8	20.6



#20
3+4-Methylphenols
Concen: 8.635 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:	107	Resp:	46829
Ion	Ratio	Lower	Upper
107	100		
108	96.7	70.0	110.0
77	33.9	15.2	55.2
79	29.3	9.1	49.1



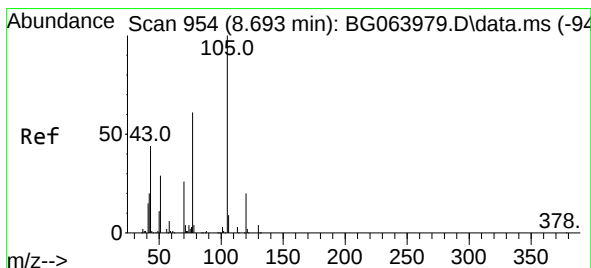
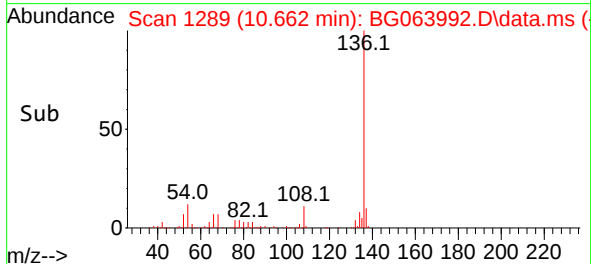
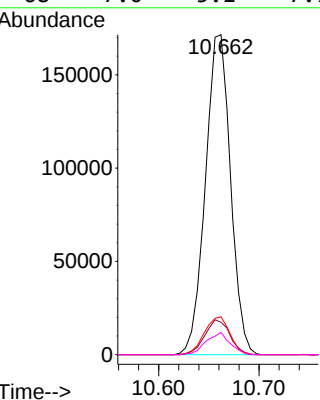
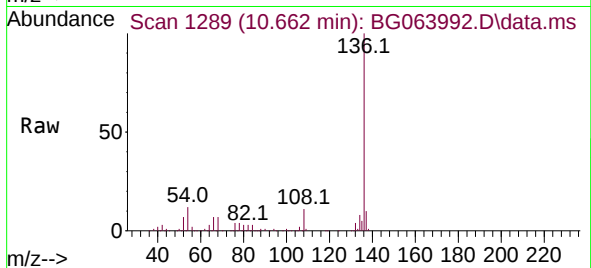


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:136 Resp: 298079

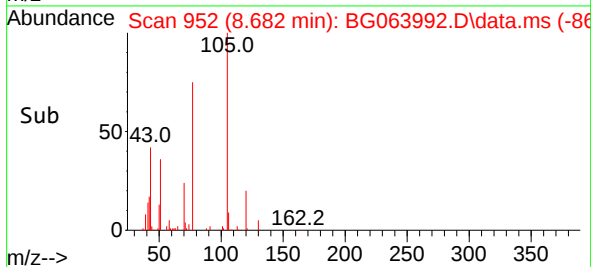
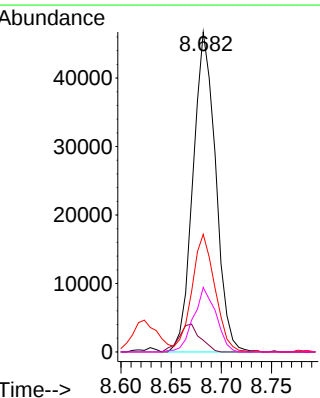
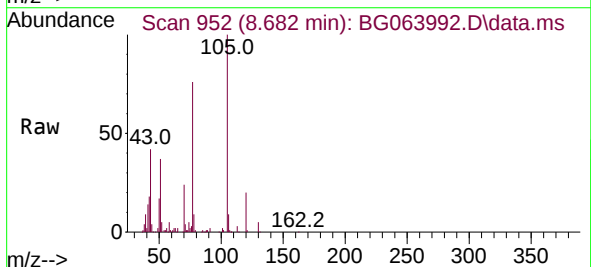
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.9	9.2	13.8
68	7.0	5.1	7.7

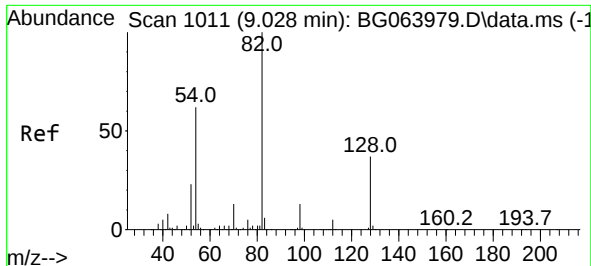


#22
Acetophenone
Concen: 8.976 ng
RT: 8.682 min Scan# 952
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:105 Resp: 73509

Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.1	4.7
51	36.8	29.9	44.9
120	20.2	16.0	24.0





#23

Nitrobenzene-d5

Concen: 101.987 ng

RT: 9.023 min Scan# 1010

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

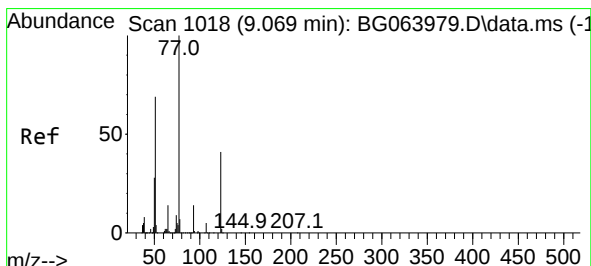
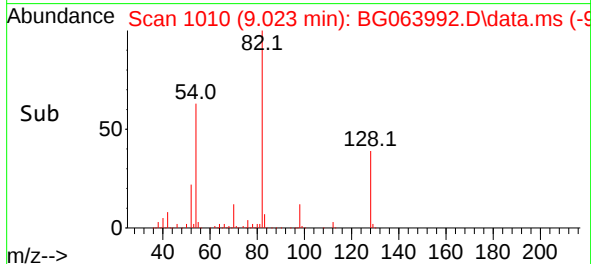
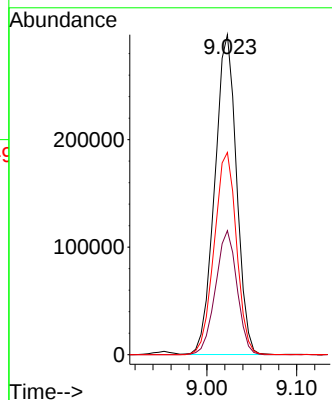
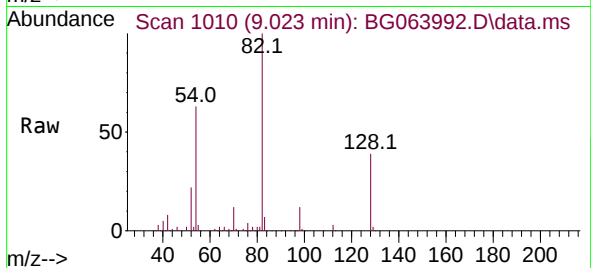
Tgt Ion: 82 Resp: 500206

Ion Ratio Lower Upper

82 100

128 38.8 29.4 44.2

54 63.2 49.9 74.9



#24

Nitrobenzene

Concen: 12.289 ng

RT: 9.064 min Scan# 1017

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

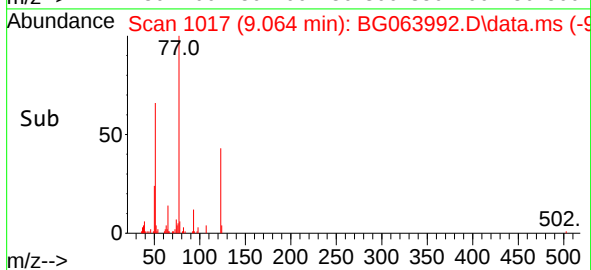
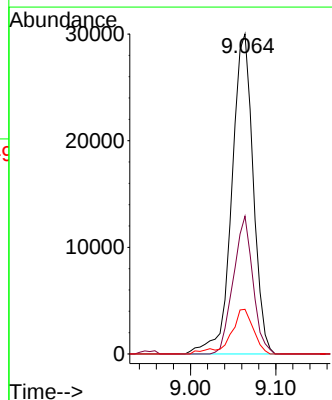
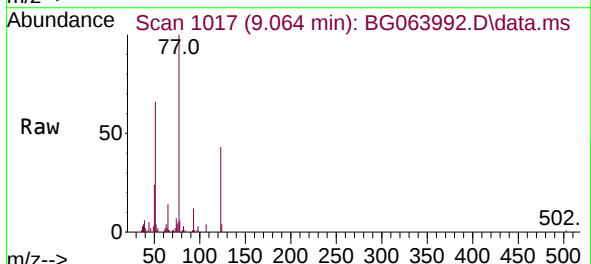
Tgt Ion: 77 Resp: 52136

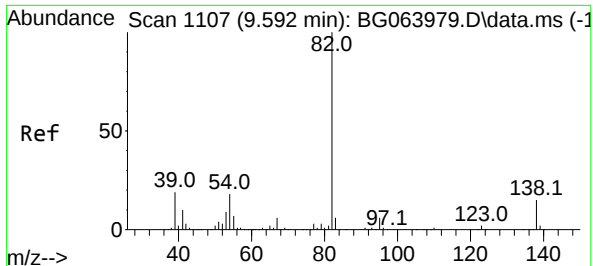
Ion Ratio Lower Upper

77 100

123 43.0 32.9 49.3

65 14.0 11.0 16.6

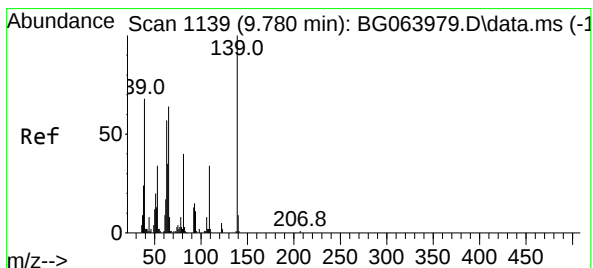
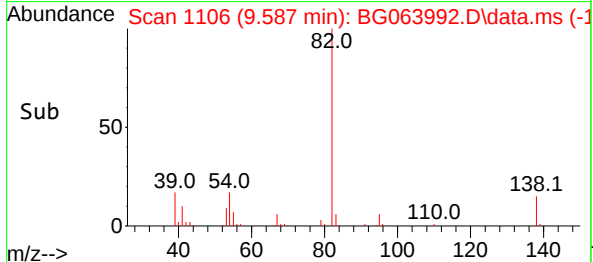
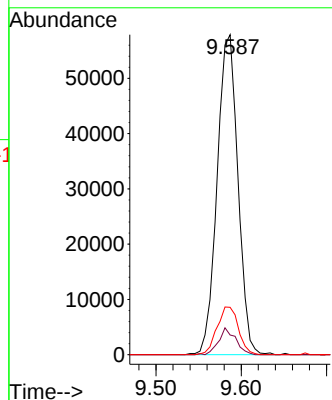
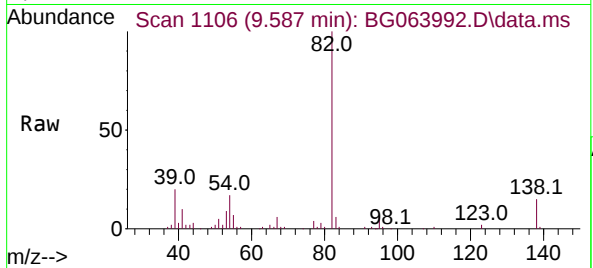




#25
Isophorone
Concen: 9.214 ng
RT: 9.587 min Scan# 1106
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

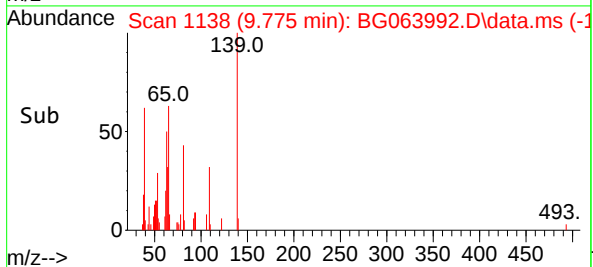
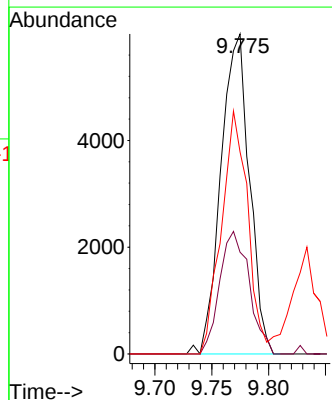
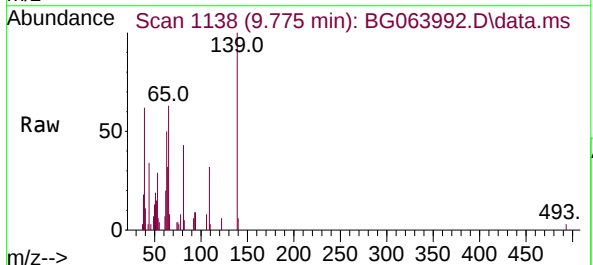
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

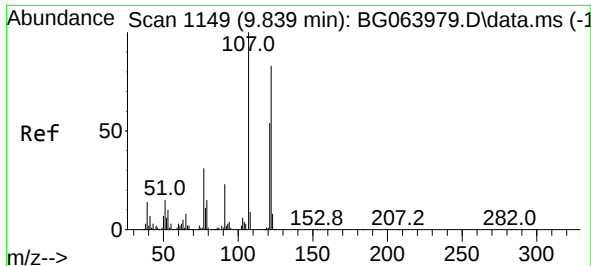
Tgt Ion: 82 Resp: 97969
Ion Ratio Lower Upper
82 100
95 6.1 5.0 7.4
138 14.8 12.2 18.4



#26
2-Nitrophenol
Concen: 14.993 ng
RT: 9.775 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:139 Resp: 10440
Ion Ratio Lower Upper
139 100
109 31.8 27.1 40.7
65 63.2 51.0 76.6





#27

2,4-Dimethylphenol

Concen: 7.462 ng

RT: 9.834 min Scan# 1149

Delta R.T. -0.005 min

Lab File: BG063992.D

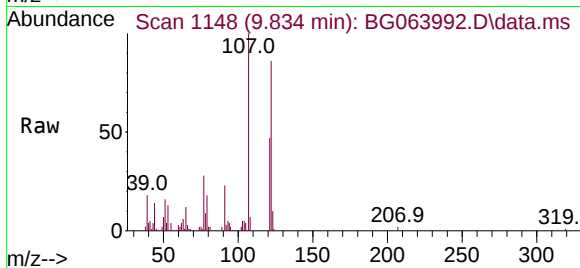
Acq: 4 Feb 2025 16:23

Instrument :

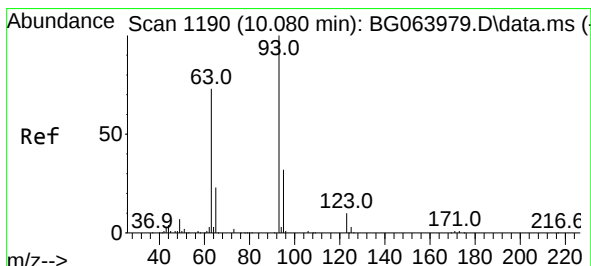
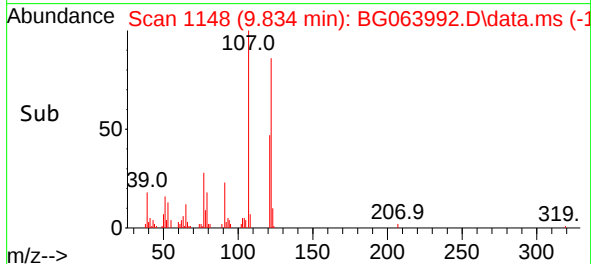
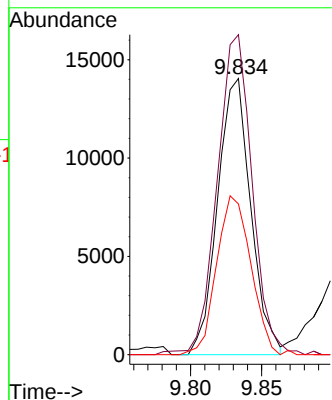
BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:	122	Resp:	22823
Ion	Ratio	Lower	Upper
122	100		
107	115.9	96.4	144.6
121	54.6	51.8	77.6



#28

bis(2-Chloroethoxy)methane

Concen: 8.881 ng

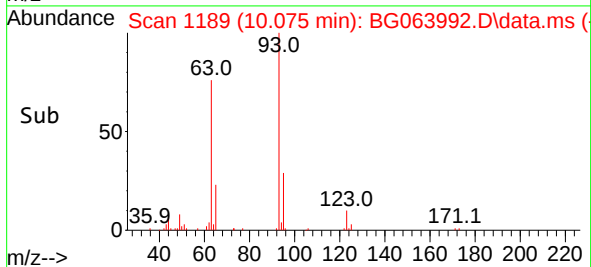
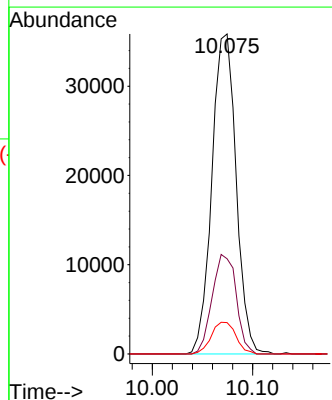
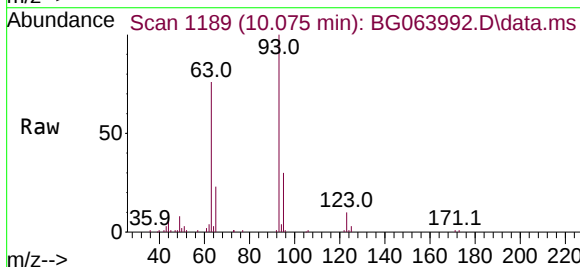
RT: 10.075 min Scan# 1189

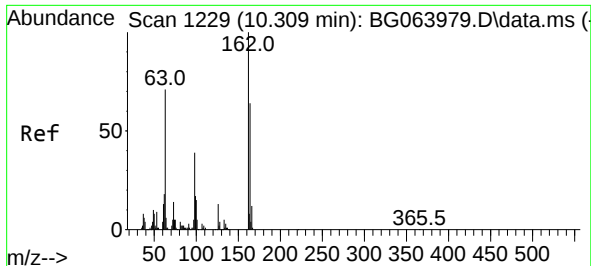
Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Tgt Ion:	93	Resp:	60083
Ion	Ratio	Lower	Upper
93	100		
95	29.8	25.4	38.2
123	9.8	7.8	11.6





#29

2,4-Dichlorophenol

Concen: 11.151 ng

RT: 10.298 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

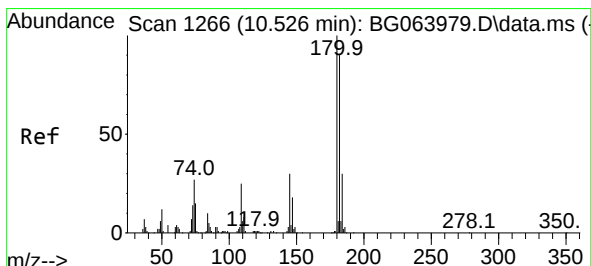
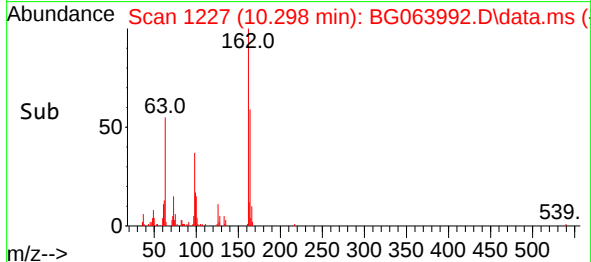
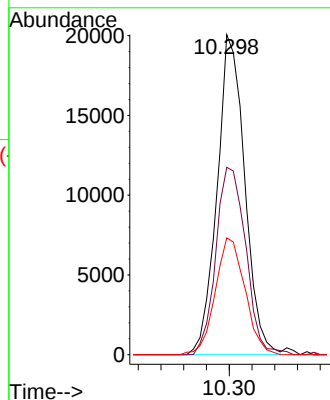
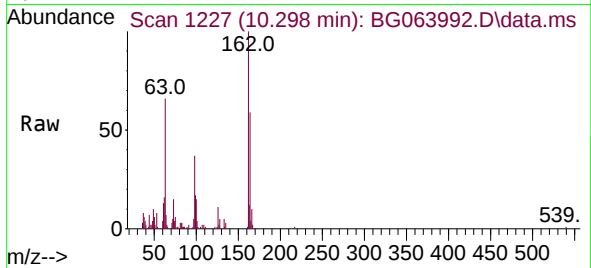
Tgt Ion:162 Resp: 33851

Ion Ratio Lower Upper

162 100

164 58.6 43.6 83.6

98 36.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 8.647 ng

RT: 10.521 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

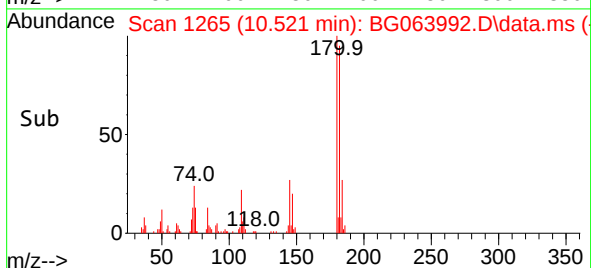
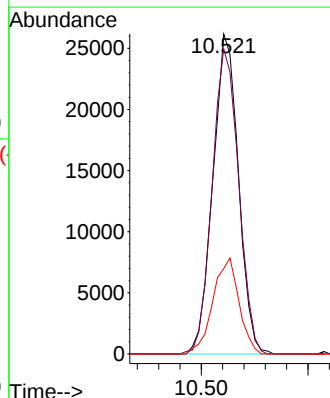
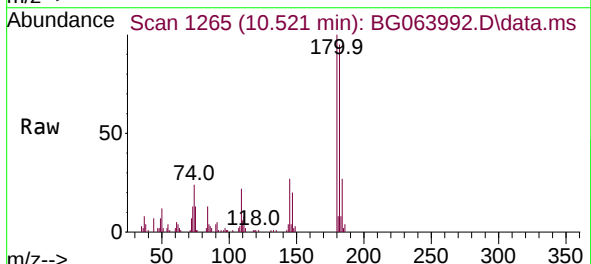
Tgt Ion:180 Resp: 43447

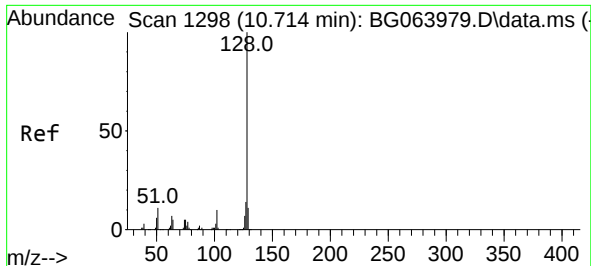
Ion Ratio Lower Upper

180 100

182 95.4 72.3 108.5

145 26.6 23.8 35.8

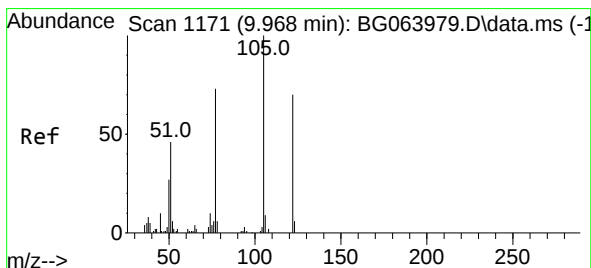
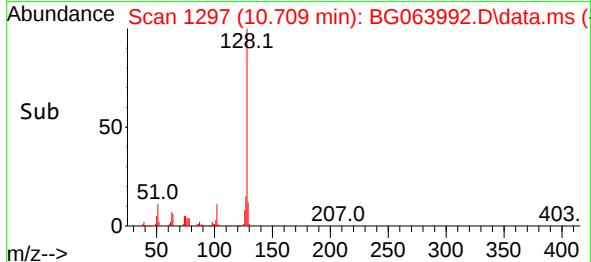
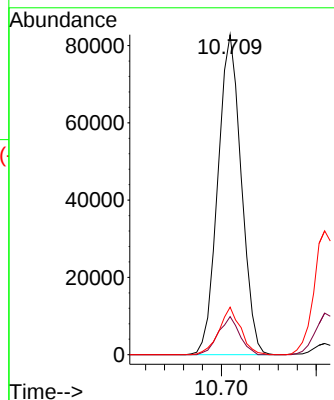
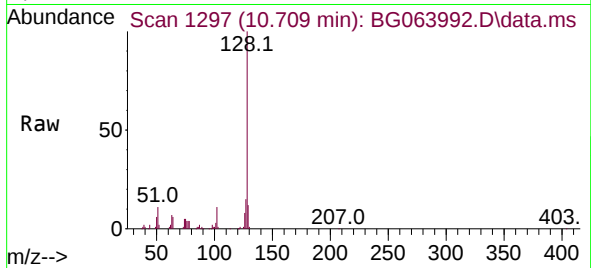




#31
Naphthalene
Concen: 8.888 ng
RT: 10.709 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

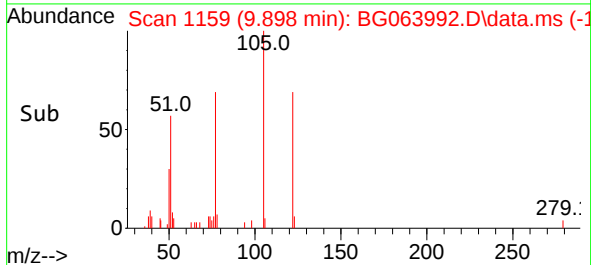
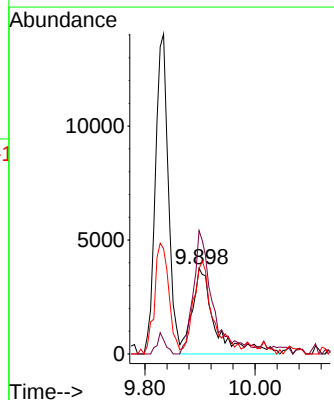
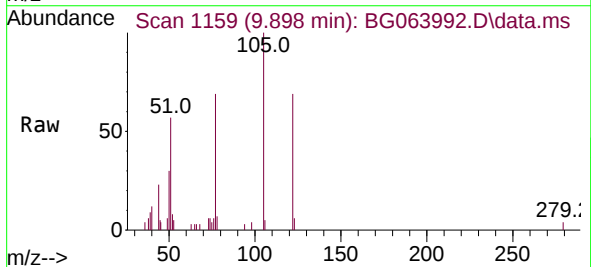
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

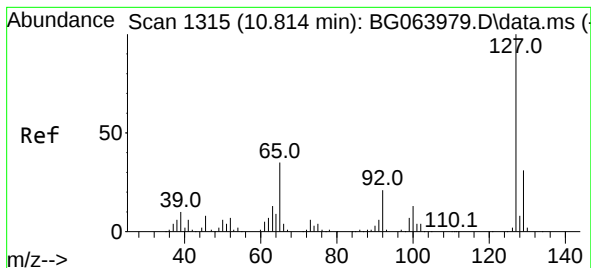
Tgt Ion:128 Resp: 142037
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 14.8 10.8 16.2



#32
Benzoic acid
Concen: 12.854 ng m
RT: 9.898 min Scan# 1159
Delta R.T. -0.070 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:122 Resp: 10921
Ion Ratio Lower Upper
122 100
105 144.1 117.9 157.9
77 99.9 83.9 123.9

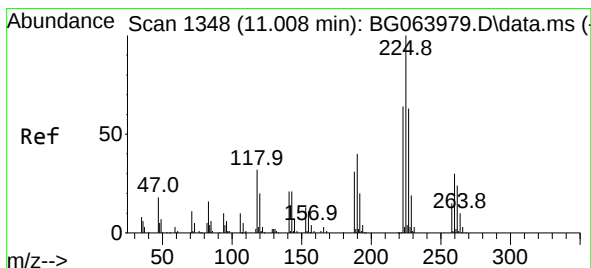
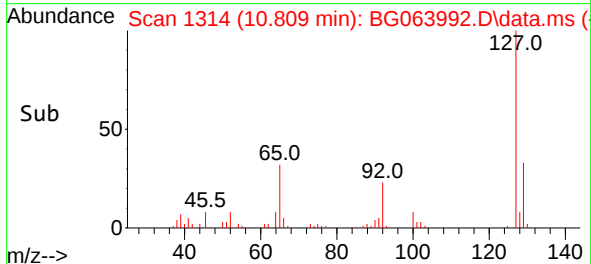
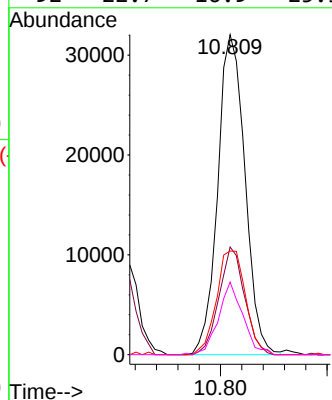
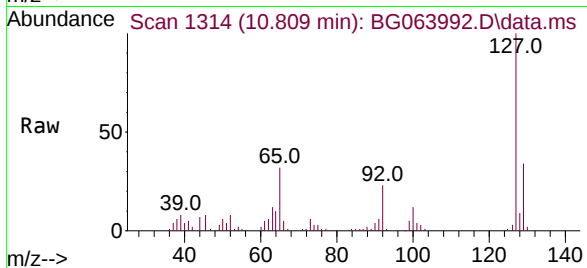




#33
4-Chloroaniline
Concen: 9.272 ng
RT: 10.809 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

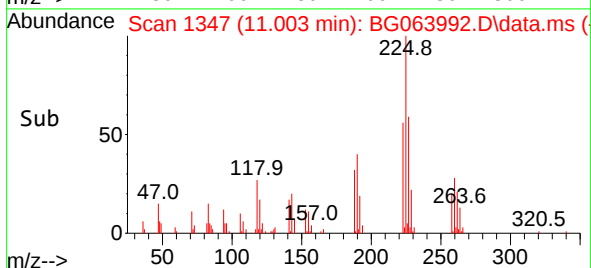
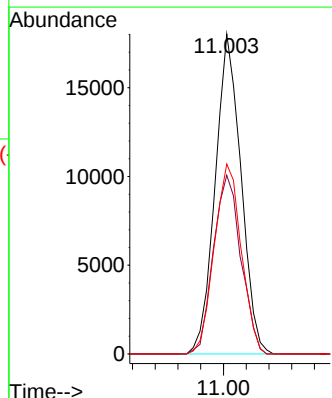
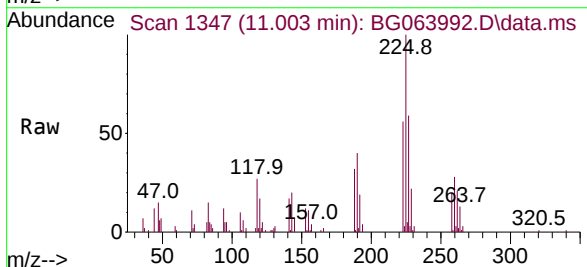
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

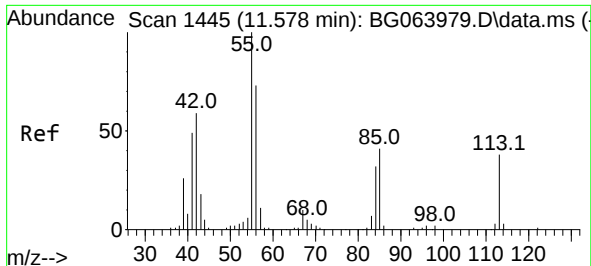
Tgt Ion:127	Resp:	56775	
Ion	Ratio	Lower	Upper
127	100		
129	33.7	24.9	37.3
65	32.4	28.2	42.4
92	22.7	16.9	25.3



#34
Hexachlorobutadiene
Concen: 8.856 ng
RT: 11.003 min Scan# 1347
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:225	Resp:	28339	
Ion	Ratio	Lower	Upper
225	100		
223	55.9	51.0	76.6
227	59.3	50.3	75.5

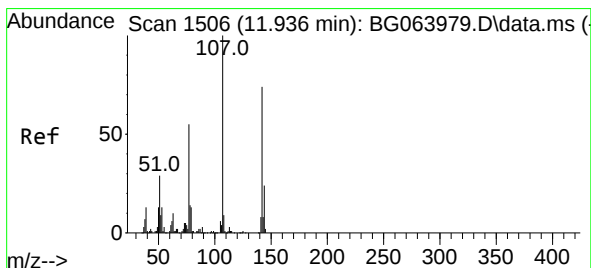
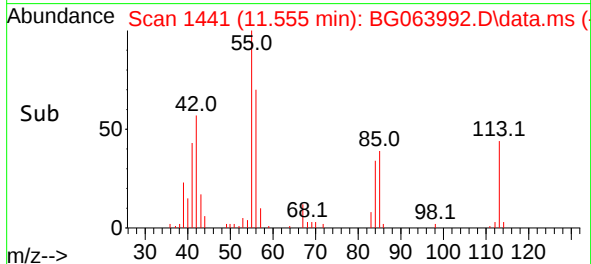
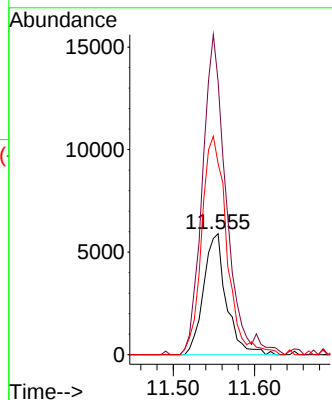
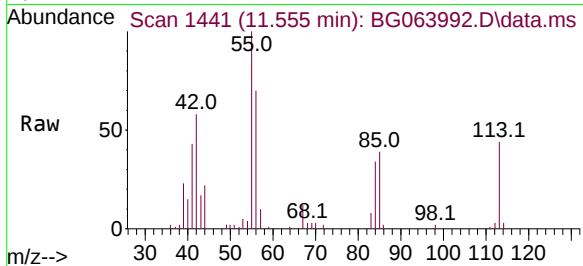




#35
 Caprolactam
 Concen: 11.847 ng
 RT: 11.555 min Scan# 14
 Delta R.T. -0.023 min
 Lab File: BG063992.D
 Acq: 4 Feb 2025 16:23

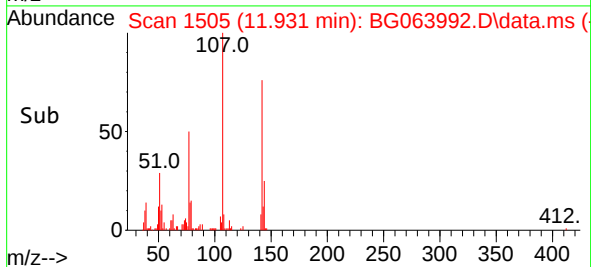
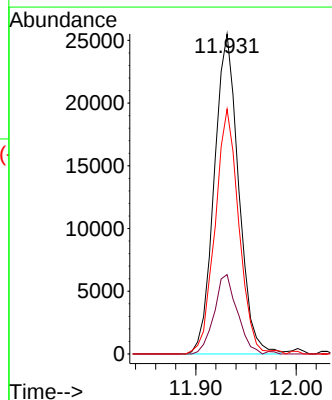
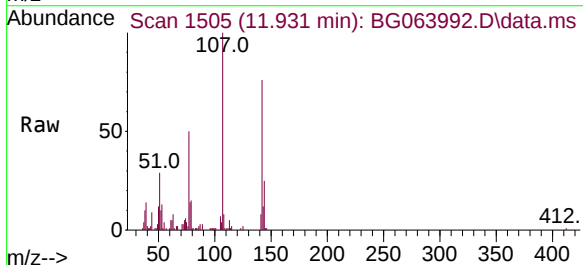
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

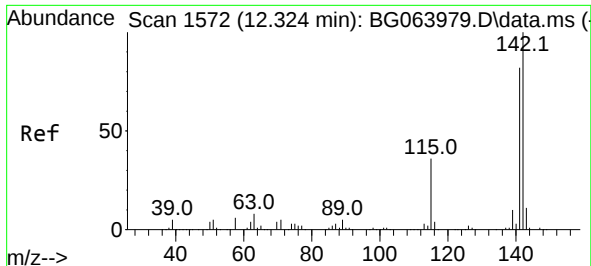
Tgt Ion:113 Resp: 11484
 Ion Ratio Lower Upper
 113 100
 55 225.9 241.8 281.8#
 56 158.0 171.5 211.5#



#36
 4-Chloro-3-methylphenol
 Concen: 8.781 ng
 RT: 11.931 min Scan# 1505
 Delta R.T. -0.005 min
 Lab File: BG063992.D
 Acq: 4 Feb 2025 16:23

Tgt Ion:107 Resp: 42988
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.2 28.8
 142 76.5 58.9 88.3





#37

2-Methylnaphthalene

Concen: 8.792 ng

RT: 12.319 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

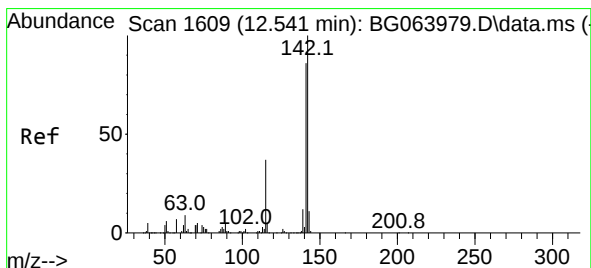
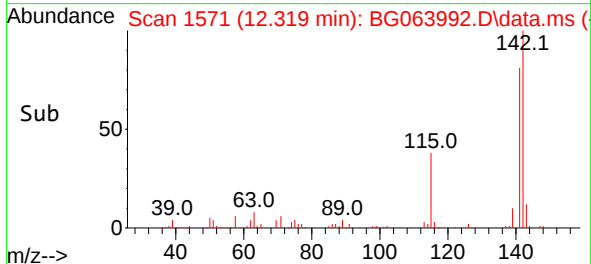
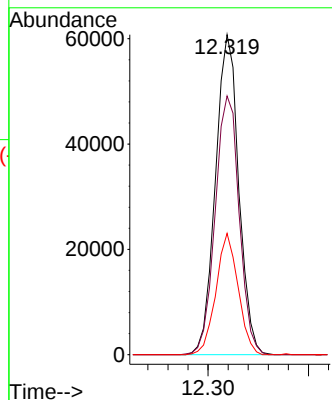
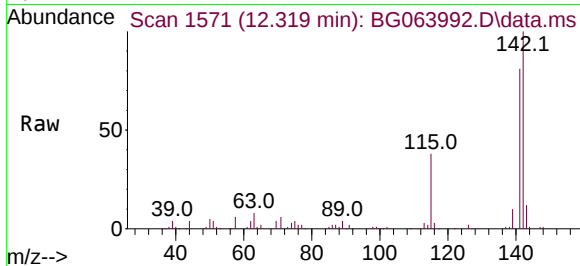
Tgt Ion:142 Resp: 97916

Ion Ratio Lower Upper

142 100

141 80.8 65.8 98.8

115 37.9 28.9 43.3



#38

1-Methylnaphthalene

Concen: 8.217 ng

RT: 12.536 min Scan# 1608

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

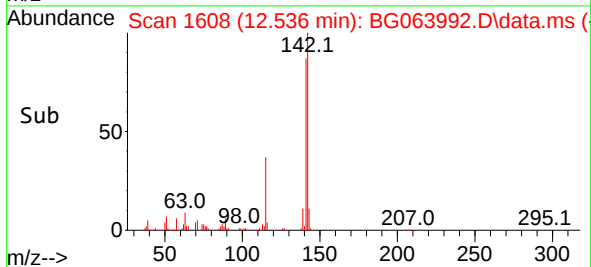
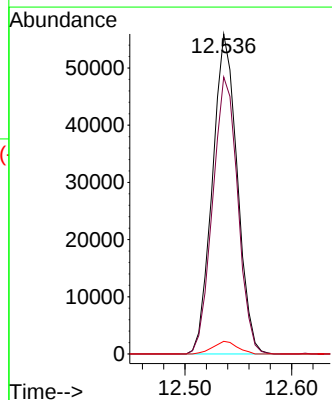
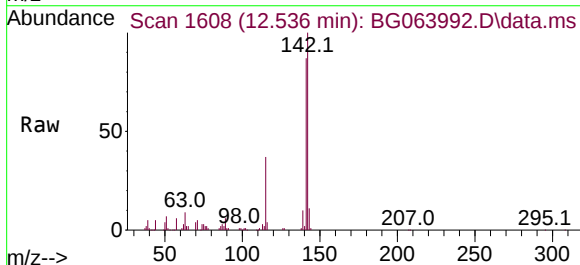
Tgt Ion:142 Resp: 90543

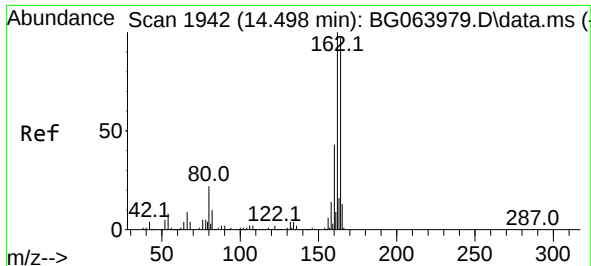
Ion Ratio Lower Upper

142 100

141 86.5 69.2 103.8

116 3.9 3.6 5.4

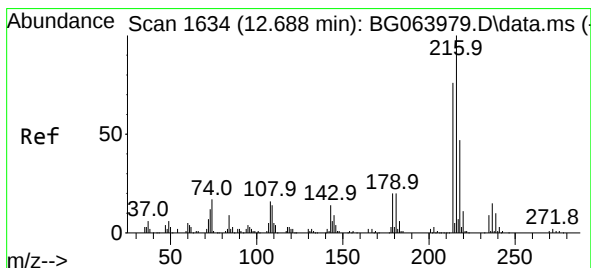
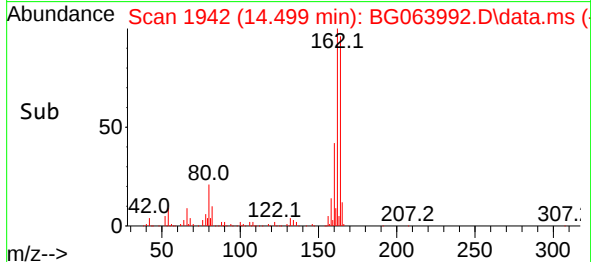
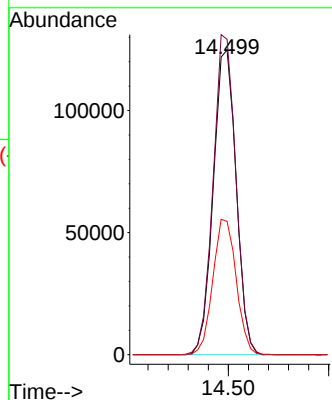
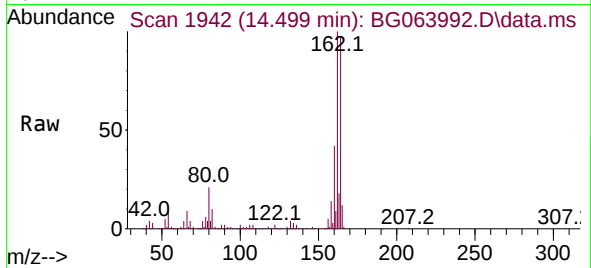




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.499 min Scan# 1942
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

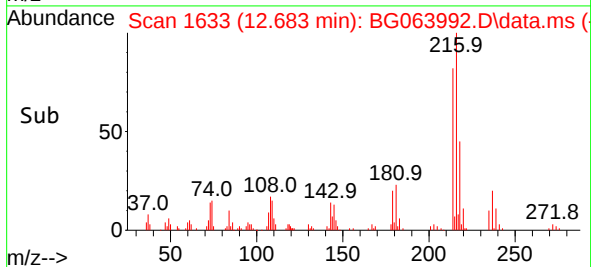
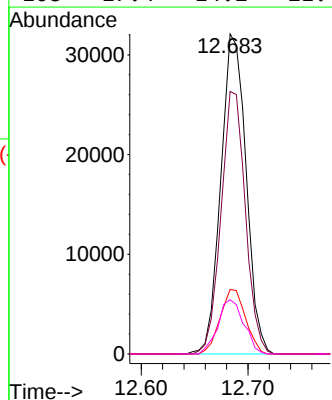
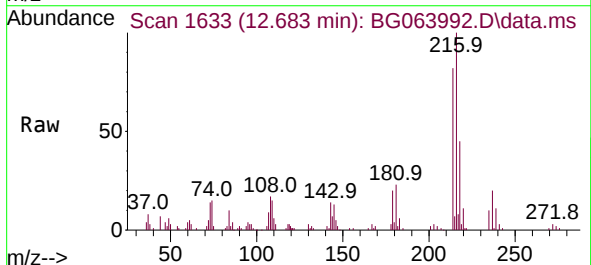
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

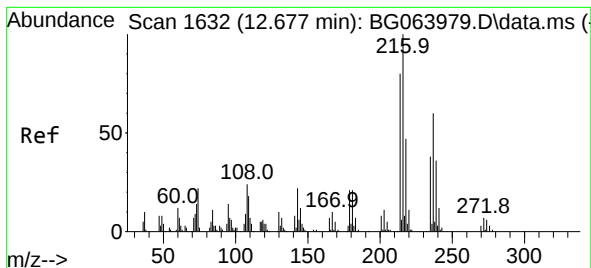
Tgt Ion:164 Resp: 197289
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 43.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.065 ng
RT: 12.683 min Scan# 1633
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:216 Resp: 52742
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 20.4 16.6 25.0
108 17.4 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 8.274 ng

RT: 12.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

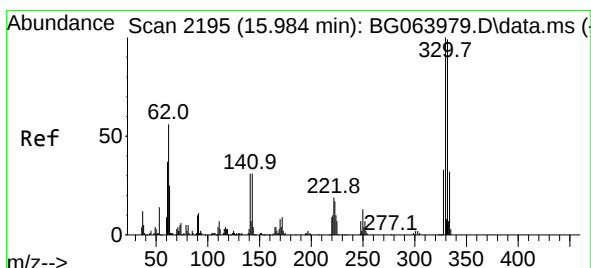
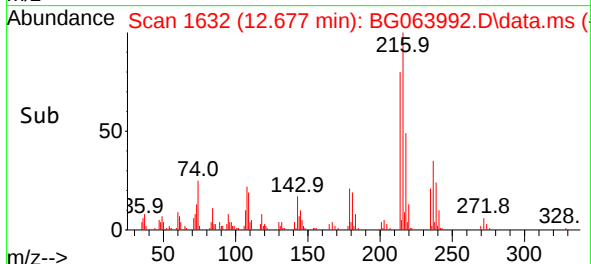
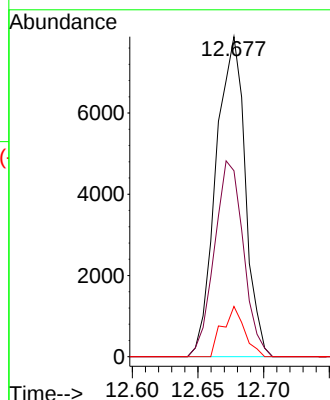
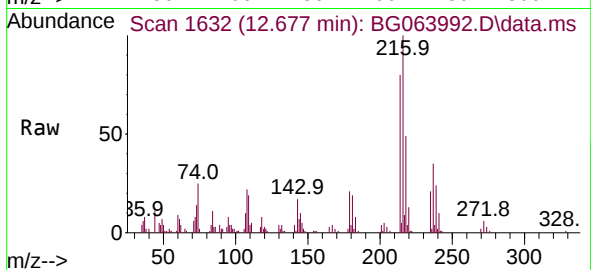
Tgt Ion:237 Resp: 12183

Ion Ratio Lower Upper

237 100

235 58.1 43.8 83.8

272 15.7 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 127.308 ng

RT: 15.985 min Scan# 2195

Delta R.T. 0.001 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

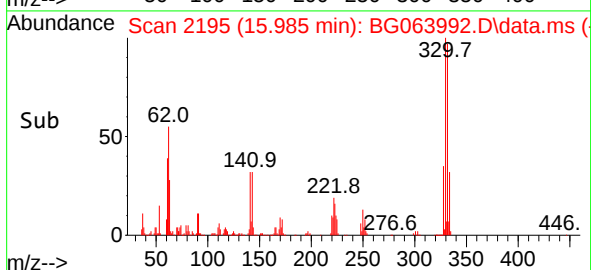
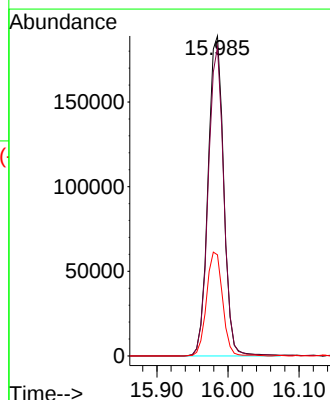
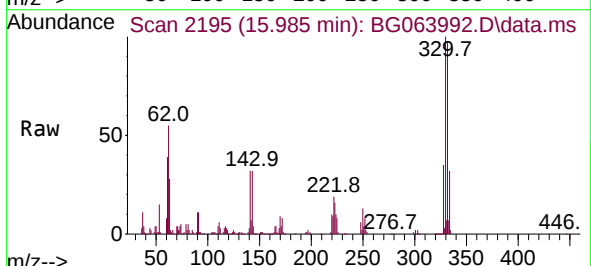
Tgt Ion:330 Resp: 289366

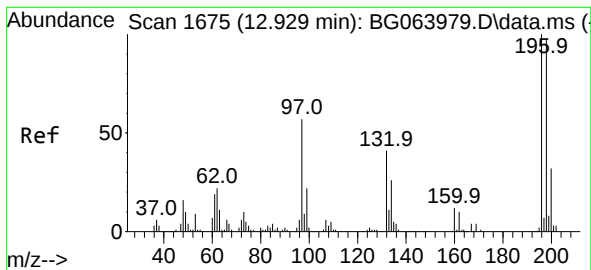
Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.6

141 33.4 27.2 40.8





#43

2,4,6-Trichlorophenol

Concen: 11.564 ng m

RT: 12.924 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

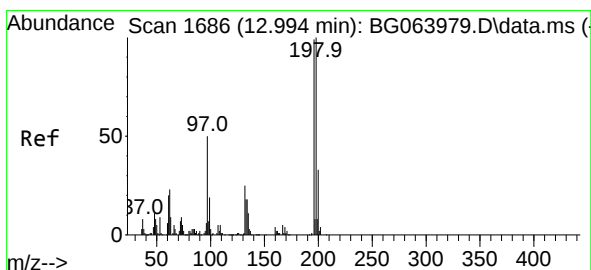
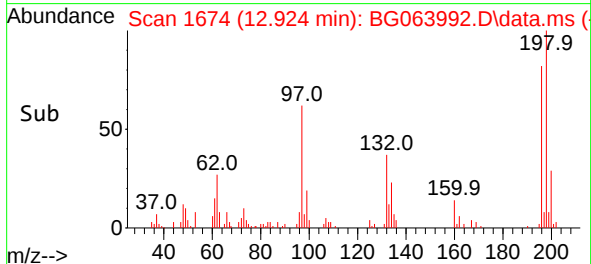
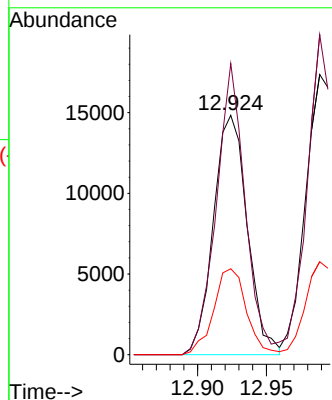
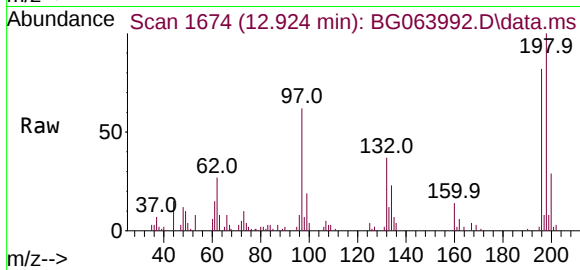
Tgt Ion:196 Resp: 25392

Ion Ratio Lower Upper

196 100

198 121.6 77.9 116.9#

200 35.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 11.101 ng

RT: 12.989 min Scan# 1685

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Tgt Ion:196 Resp: 30014

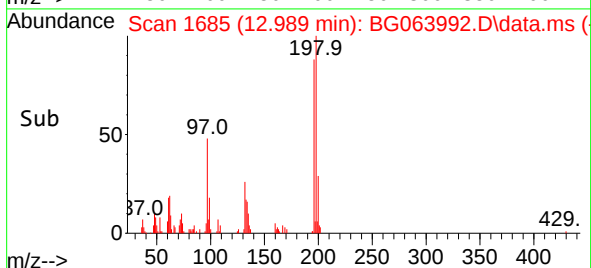
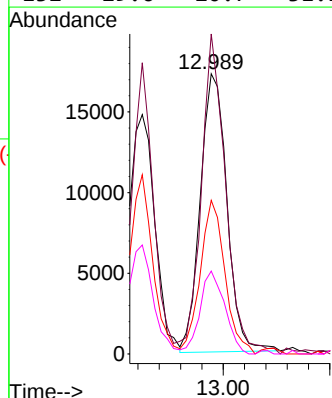
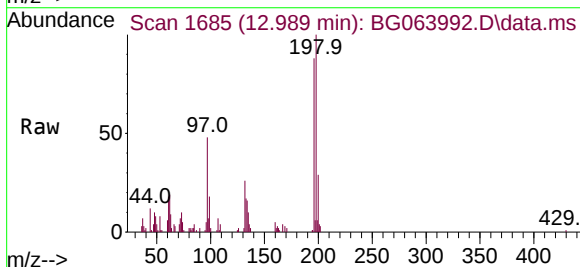
Ion Ratio Lower Upper

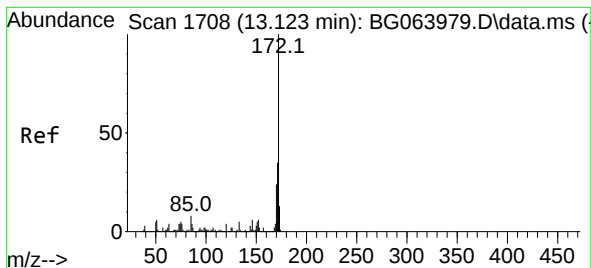
196 100

198 114.2 81.1 121.7

97 54.8 41.2 61.8

132 29.6 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 89.868 ng

RT: 13.124 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

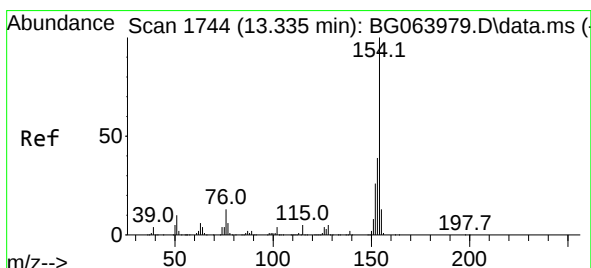
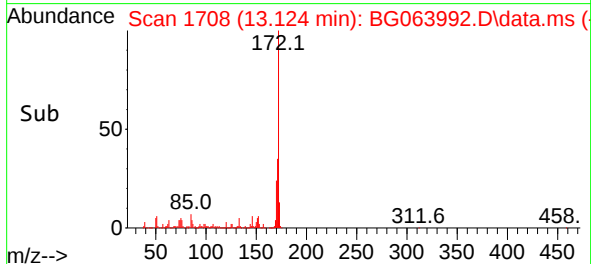
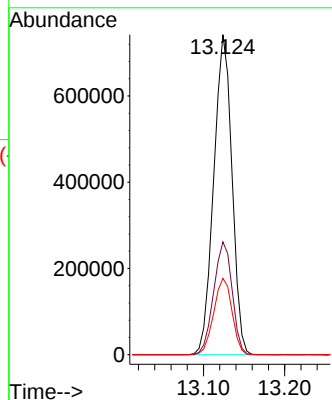
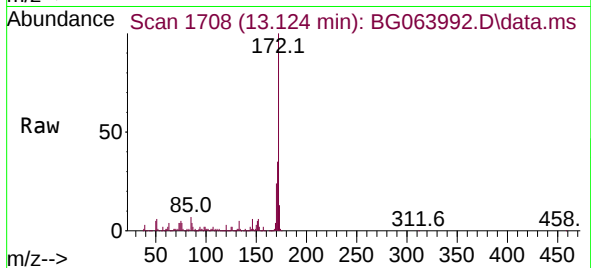
Tgt Ion:172 Resp: 1157200

Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.6

170 23.8 19.4 29.2



#46

1,1'-Biphenyl

Concen: 9.272 ng

RT: 13.330 min Scan# 1743

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

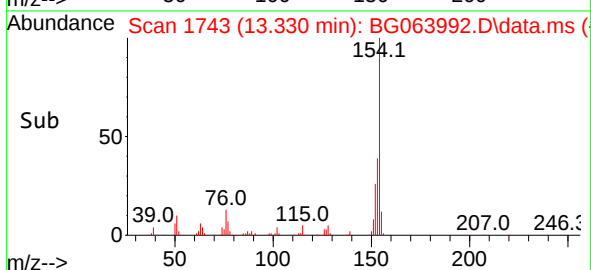
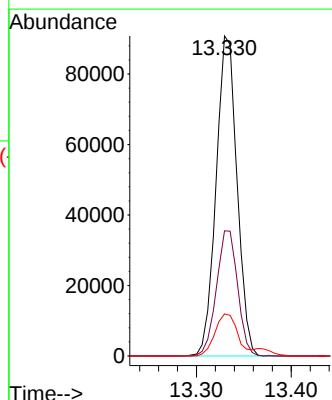
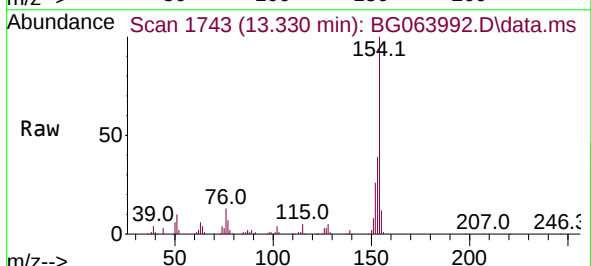
Tgt Ion:154 Resp: 139280

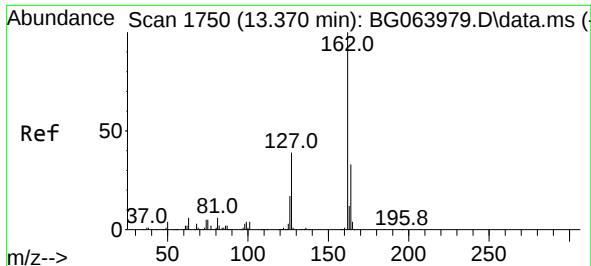
Ion Ratio Lower Upper

154 100

153 39.1 19.3 59.3

76 13.2 0.0 33.3

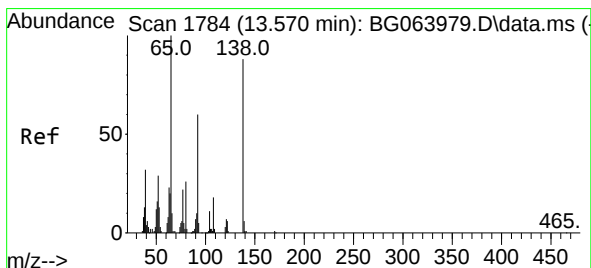
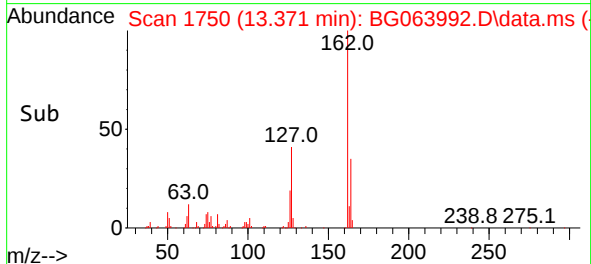
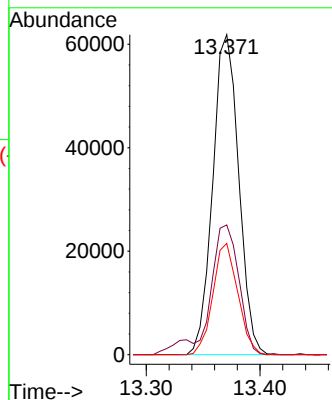
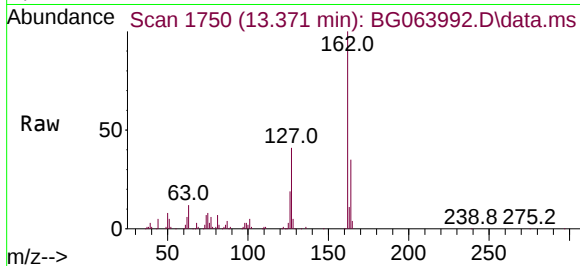




#47
2-Chloronaphthalene
Concen: 8.967 ng
RT: 13.371 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

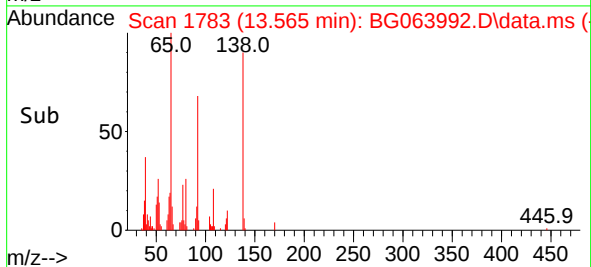
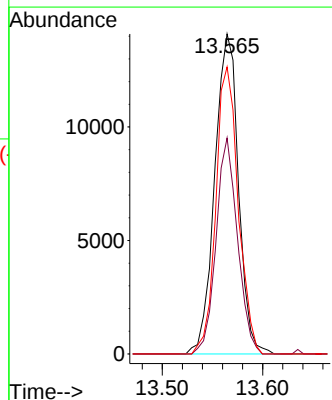
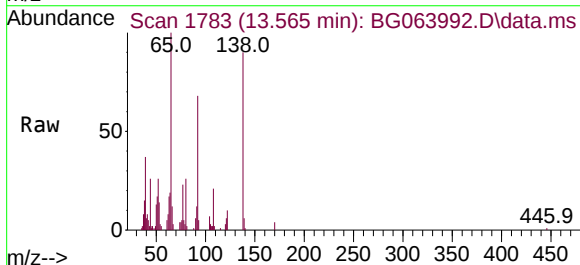
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

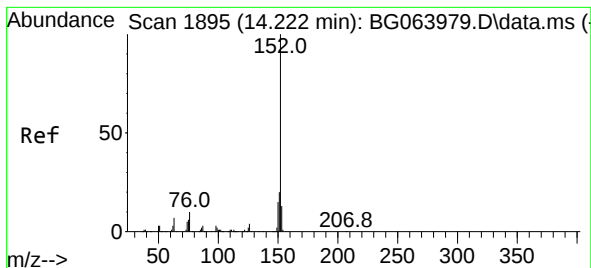
Tgt Ion:162 Resp: 98177
Ion Ratio Lower Upper
162 100
127 40.6 33.4 50.2
164 34.8 26.0 39.0



#48
2-Nitroaniline
Concen: 12.836 ng
RT: 13.565 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion: 65 Resp: 23109
Ion Ratio Lower Upper
65 100
92 67.5 47.6 71.4
138 89.7 70.6 106.0





#49

Acenaphthylene

Concen: 9.227 ng

RT: 14.217 min Scan# 1894

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

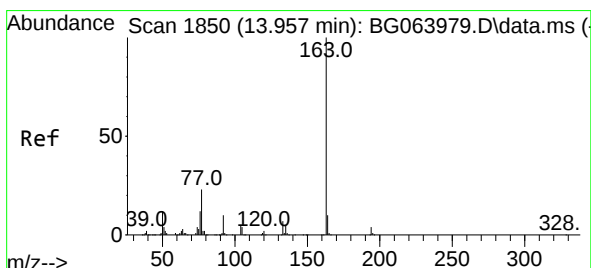
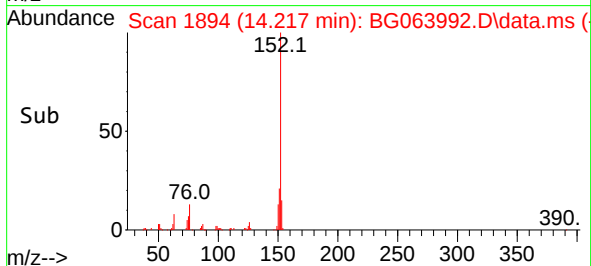
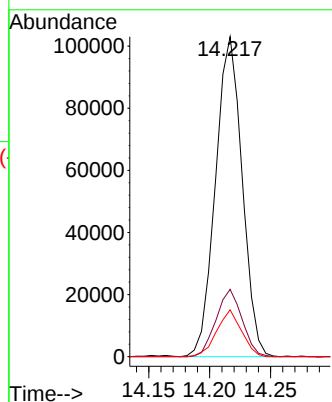
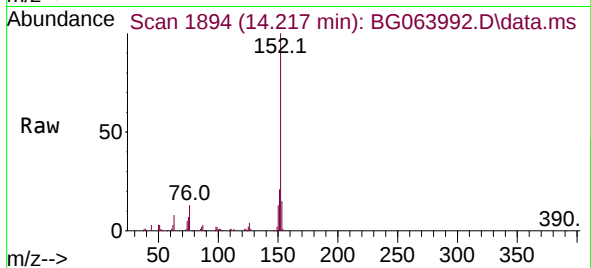
Tgt Ion:152 Resp: 156908

Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

153 14.6 10.3 15.5



#50

Dimethylphthalate

Concen: 9.105 ng

RT: 13.952 min Scan# 1849

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

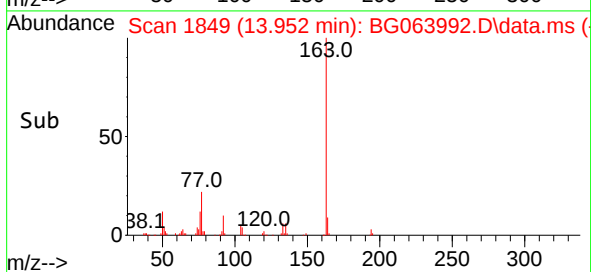
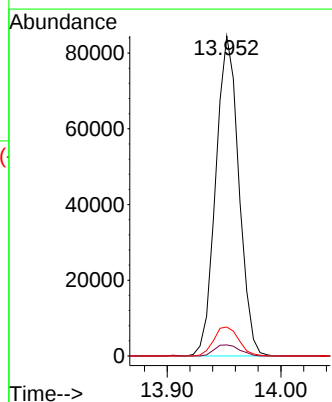
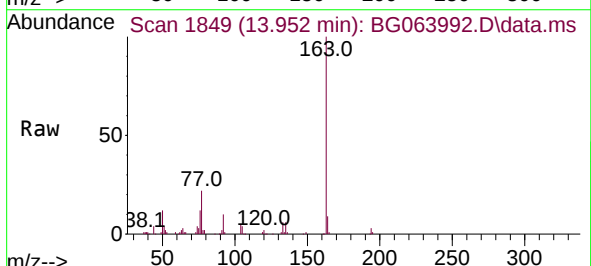
Tgt Ion:163 Resp: 119107

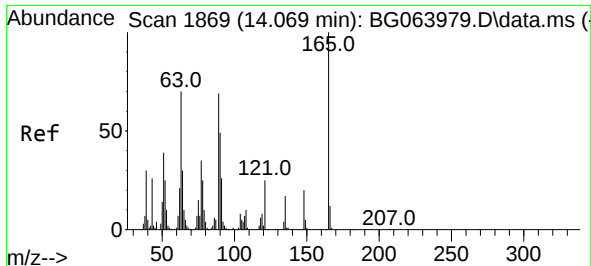
Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

164 9.1 8.0 12.0

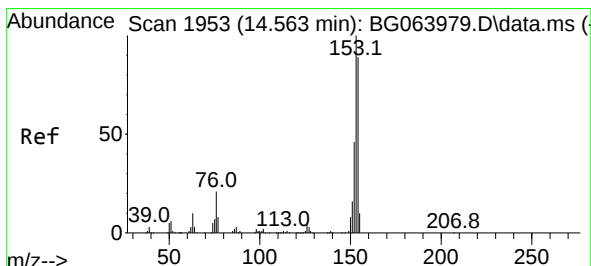
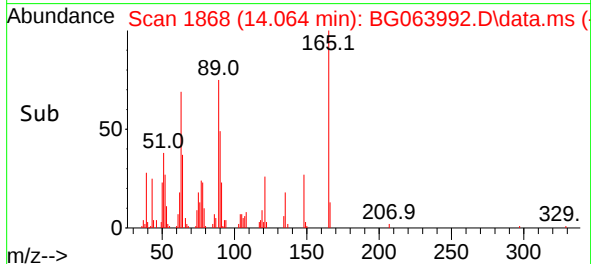
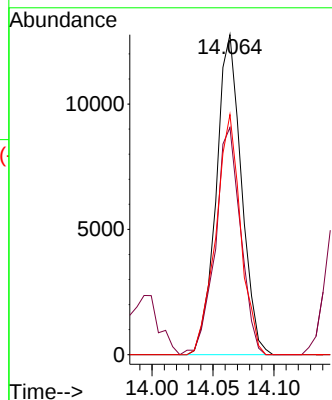
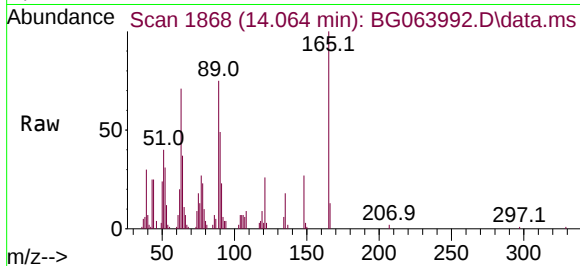




#51
2,6-Dinitrotoluene
Concen: 12.065 ng
RT: 14.064 min Scan# 1868
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

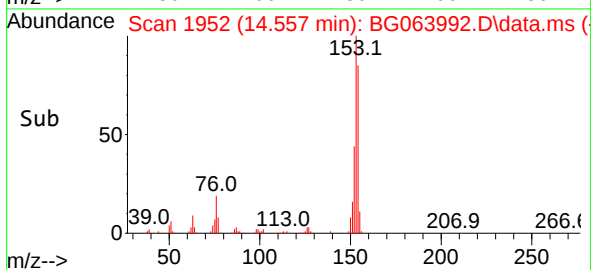
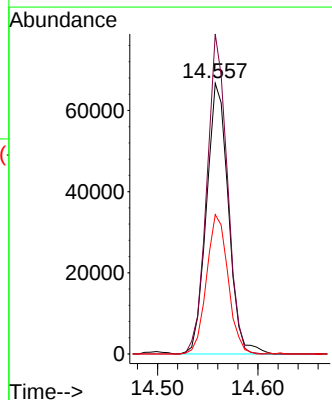
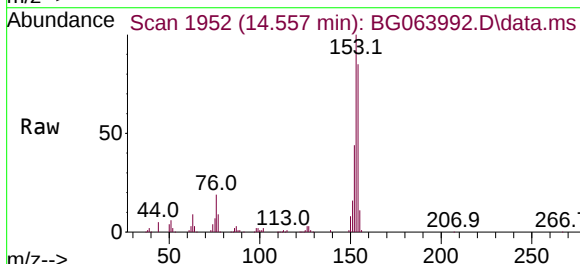
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

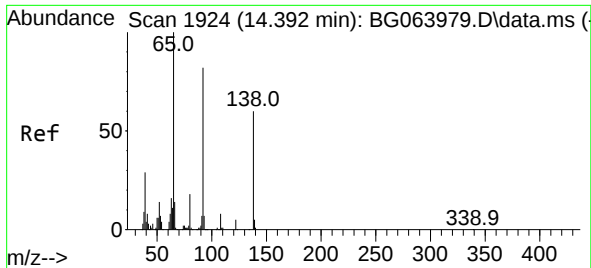
Tgt Ion:165 Resp: 18394
Ion Ratio Lower Upper
165 100
63 71.0 57.7 86.5
89 75.1 55.6 83.4



#52
Acenaphthene
Concen: 8.901 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:154 Resp: 101532
Ion Ratio Lower Upper
154 100
153 118.2 90.2 135.2
152 51.5 41.1 61.7

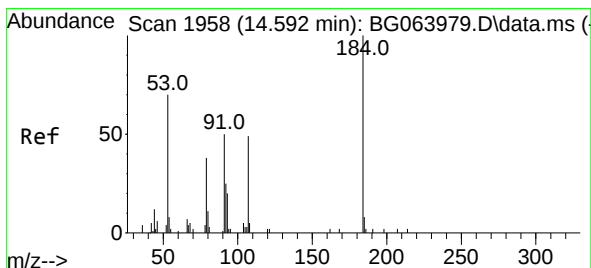
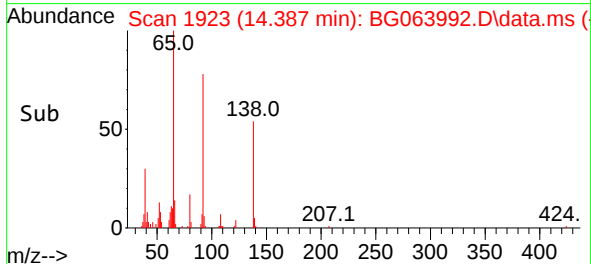
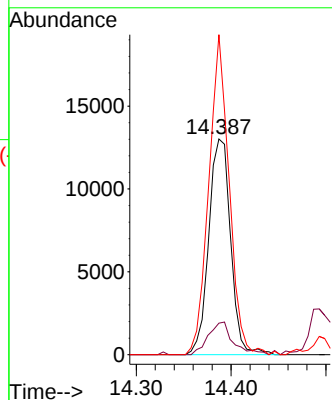
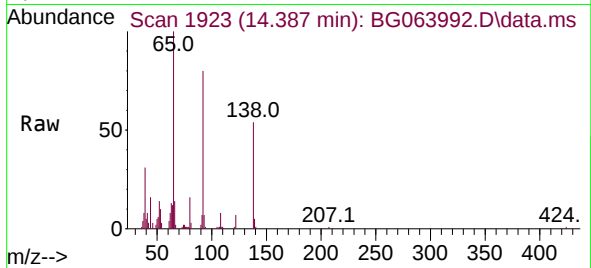




#53
3-Nitroaniline
Concen: 11.741 ng
RT: 14.387 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

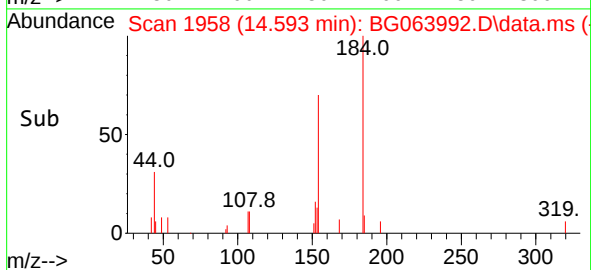
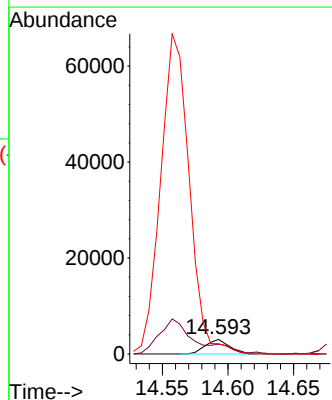
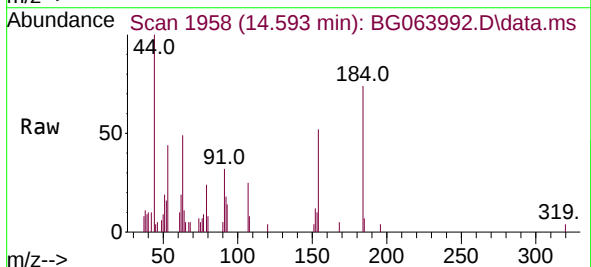
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

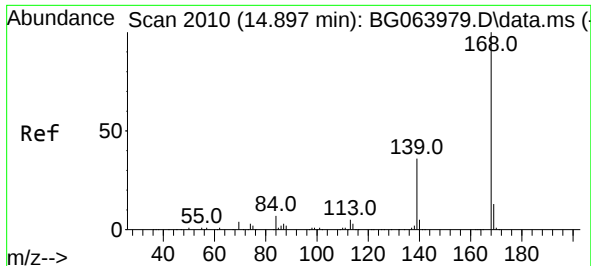
Tgt Ion:138 Resp: 20900
Ion Ratio Lower Upper
138 100
108 14.6 10.3 15.5
92 148.4 109.0 163.4



#54
2,4-Dinitrophenol
Concen: 12.390 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:184 Resp: 3934
Ion Ratio Lower Upper
184 100
63 66.6 67.3 100.9#
154 70.3 65.9 98.9

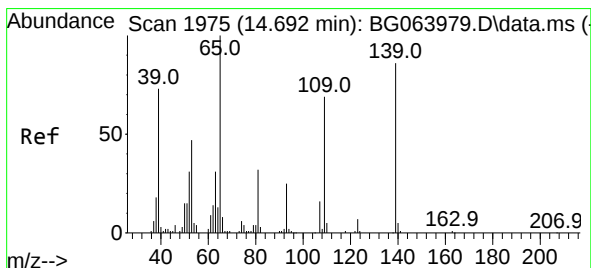
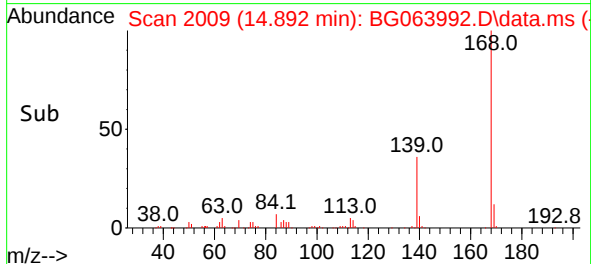
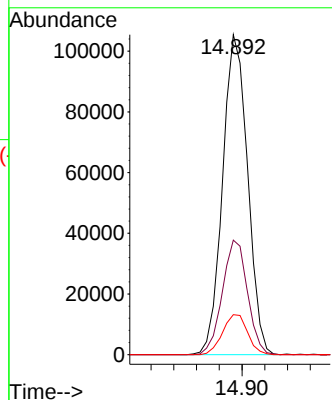
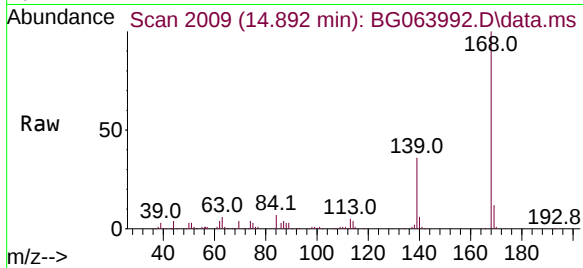




#55
Dibenzofuran
Concen: 8.693 ng
RT: 14.892 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

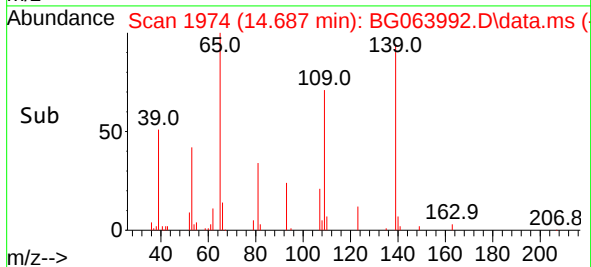
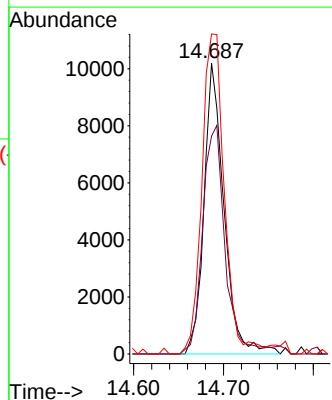
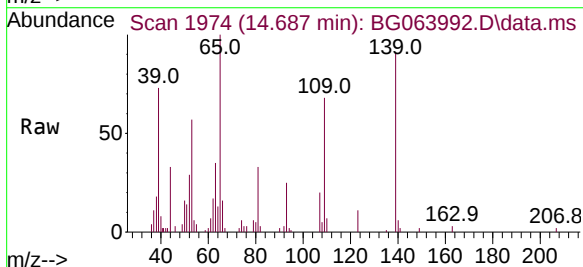
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

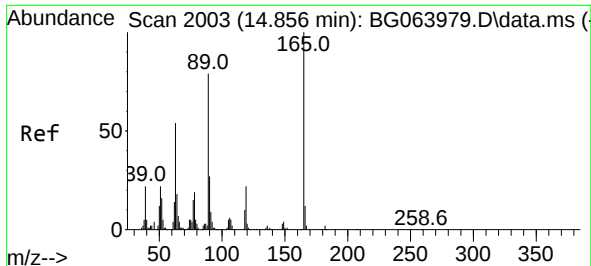
Tgt Ion:168 Resp: 161009
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 12.5 10.6 16.0



#56
4-Nitrophenol
Concen: 13.997 ng
RT: 14.687 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:139 Resp: 15733
Ion Ratio Lower Upper
139 100
109 74.9 60.1 100.1
65 110.0 96.2 136.2

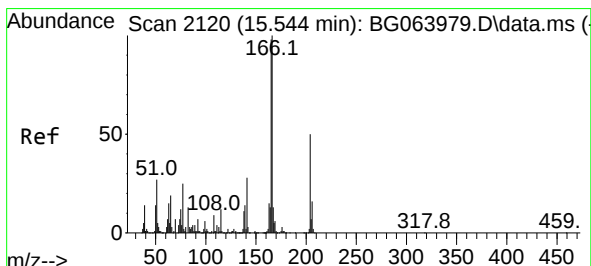
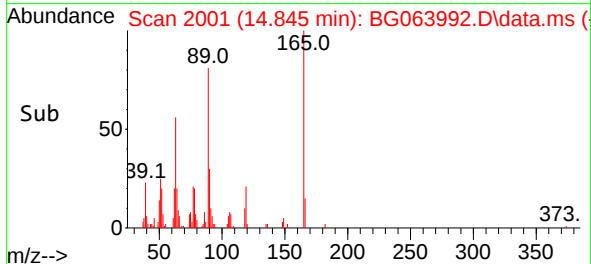
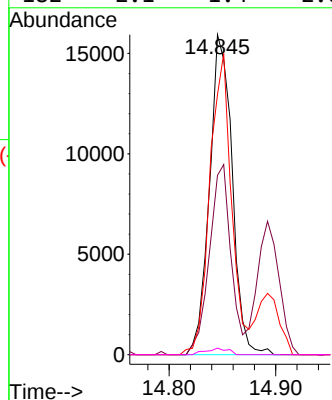
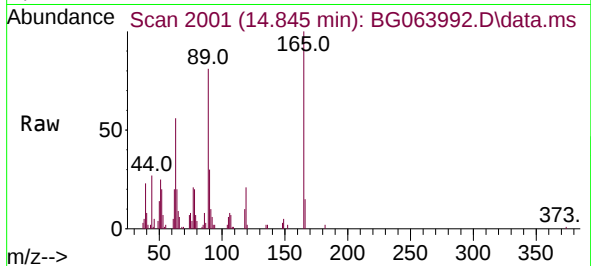




#57
2,4-Dinitrotoluene
Concen: 12.410 ng
RT: 14.845 min Scan# 2003
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

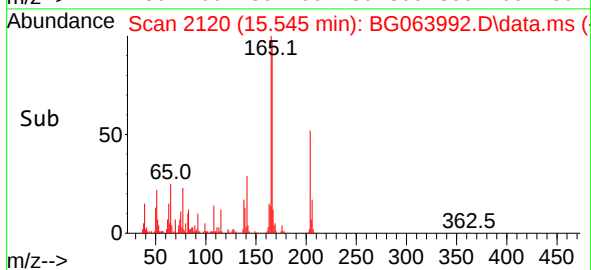
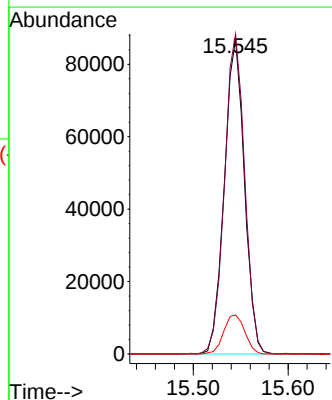
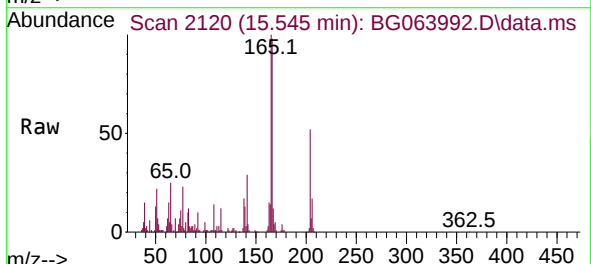
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

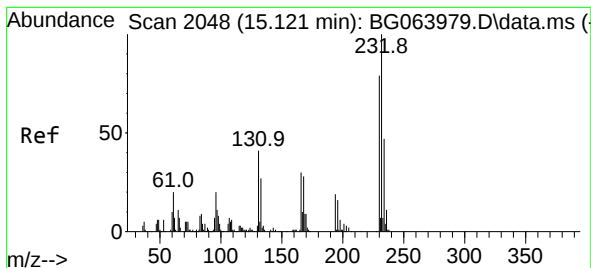
Tgt Ion:165 Resp: 23474
Ion Ratio Lower Upper
165 100
63 56.0 43.6 65.4
89 81.2 63.1 94.7
182 2.1 1.4 2.0#



#58
Fluorene
Concen: 8.930 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:166 Resp: 127838
Ion Ratio Lower Upper
166 100
165 101.8 78.7 118.1
167 12.4 10.1 15.1

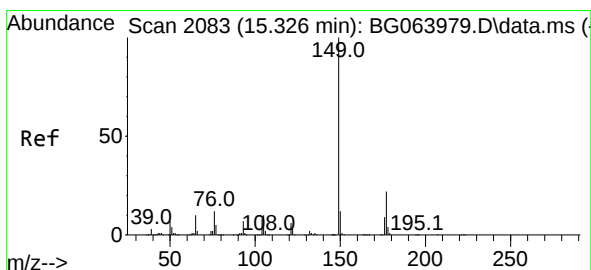
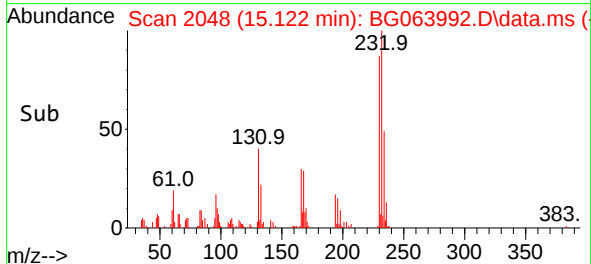
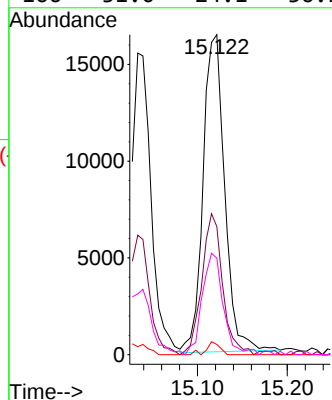
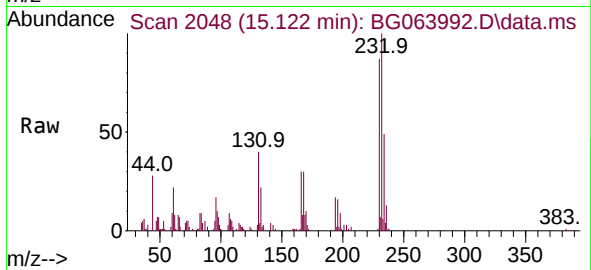




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.790 ng
RT: 15.122 min Scan# 2048
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

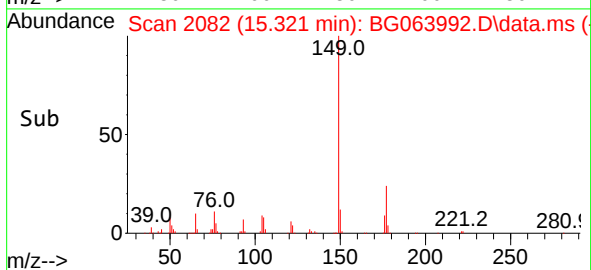
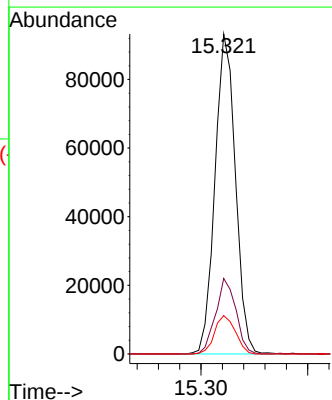
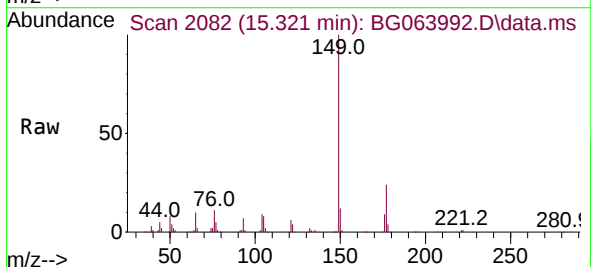
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

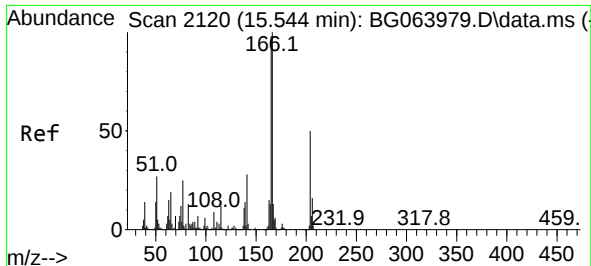
Tgt Ion:	232	Resp:	27407
Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.0	51.0
130	2.5	2.2	3.4
166	31.0	24.1	36.1



#60
Diethylphthalate
Concen: 8.932 ng
RT: 15.321 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:	149	Resp:	123881
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.0	27.0
150	12.0	9.7	14.5

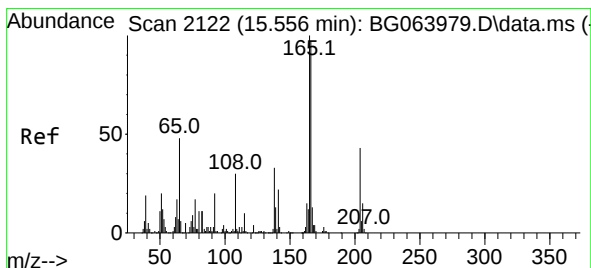
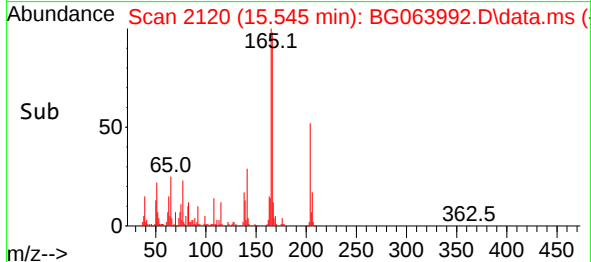
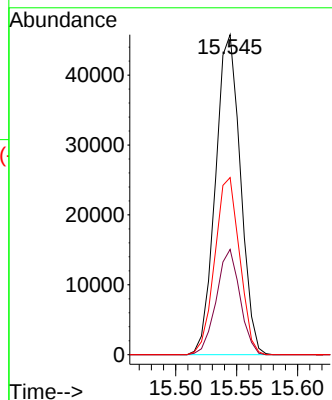
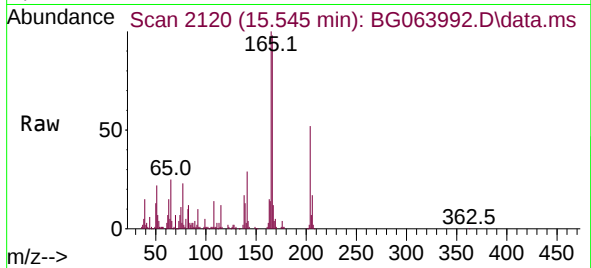




#61
4-Chlorophenyl-phenylether
Concen: 9.077 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

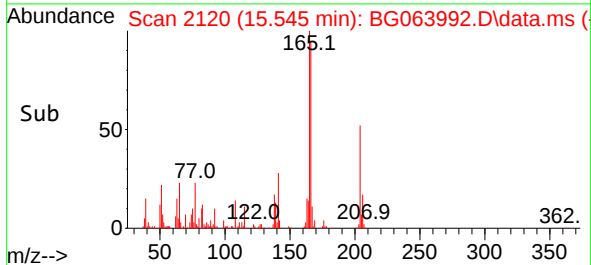
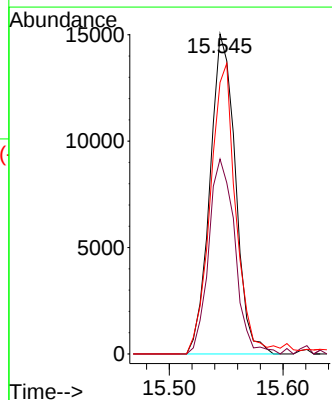
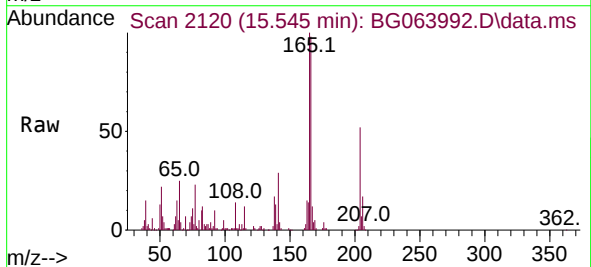
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

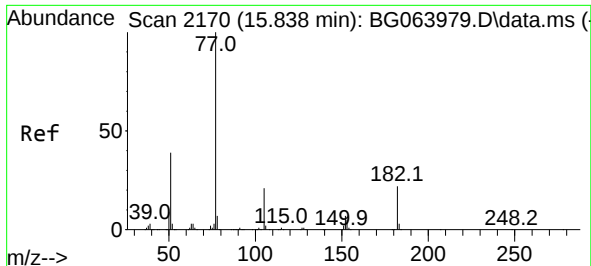
Tgt Ion:204 Resp: 65198
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 55.3 44.6 67.0



#62
4-Nitroaniline
Concen: 10.874 ng
RT: 15.545 min Scan# 2120
Delta R.T. -0.011 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:138 Resp: 23391
Ion Ratio Lower Upper
138 100
92 60.9 40.3 80.3
108 84.8 69.3 109.3

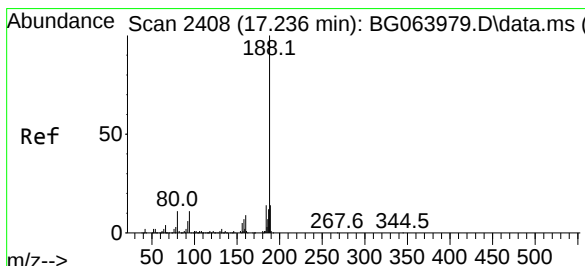
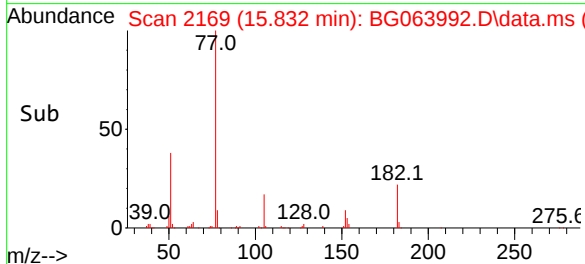
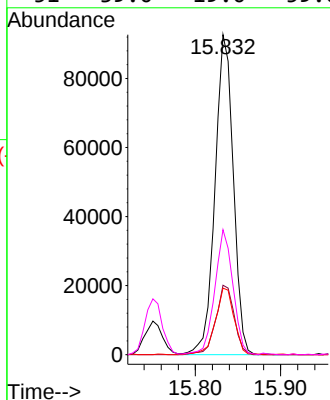
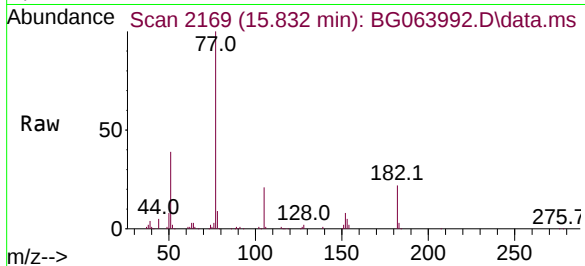




#63
Azobenzene
Concen: 8.448 ng
RT: 15.832 min Scan# 2170
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

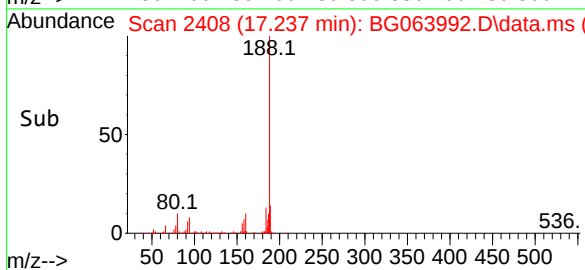
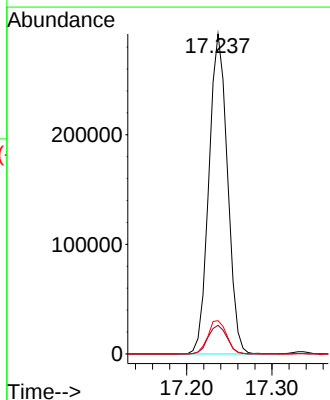
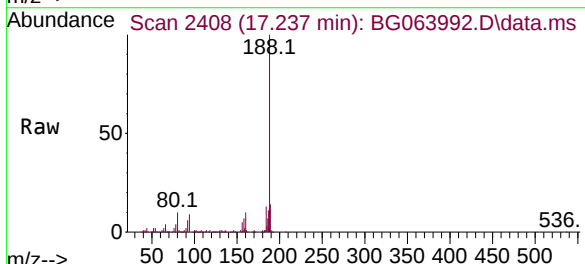
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

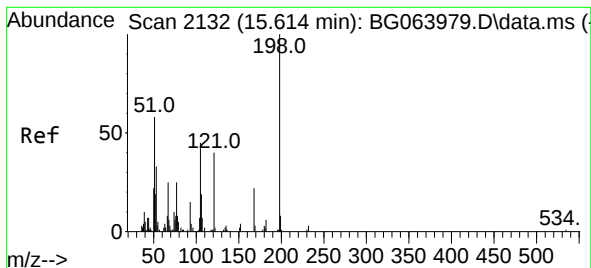
Tgt Ion: 77	Resp: 138386
Ion Ratio	Lower Upper
77 100	
182 21.7	2.3 42.3
105 20.8	1.0 41.0
51 39.0	19.0 59.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.237 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:188	Resp: 441924
Ion Ratio	Lower Upper
188 100	
94 9.0	8.6 13.0
80 10.4	8.5 12.7

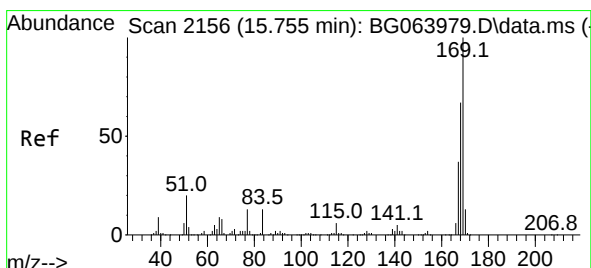
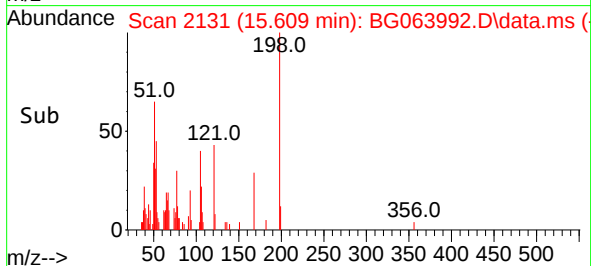
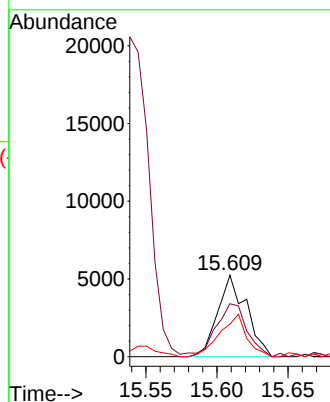
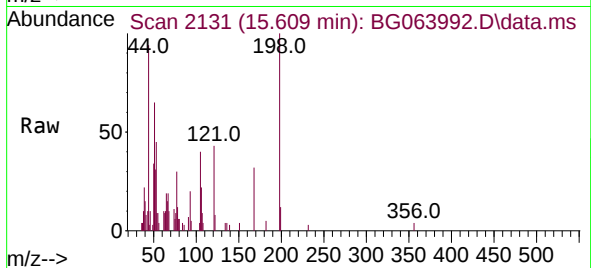




#65
4,6-Dinitro-2-methylphenol
Concen: 13.017 ng
RT: 15.609 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

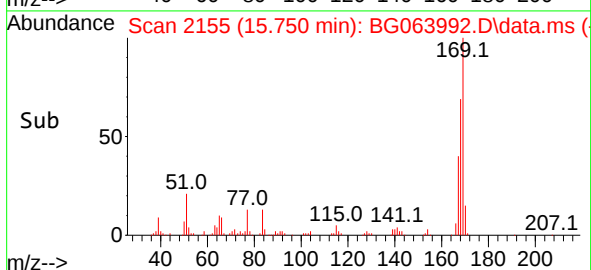
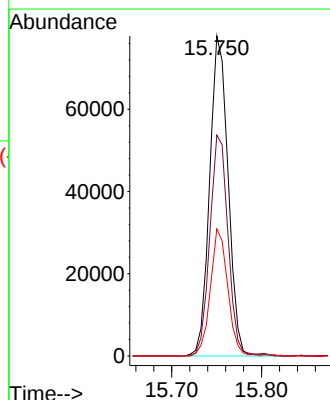
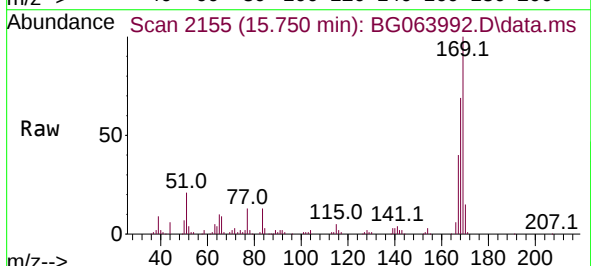
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

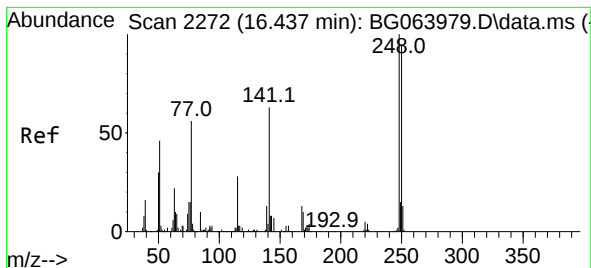
Tgt Ion:198 Resp: 7361
Ion Ratio Lower Upper
198 100
51 65.0 45.4 85.4
105 39.8 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 9.033 ng
RT: 15.750 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:169 Resp: 110682
Ion Ratio Lower Upper
169 100
168 69.0 53.5 80.3
167 39.7 30.0 45.0

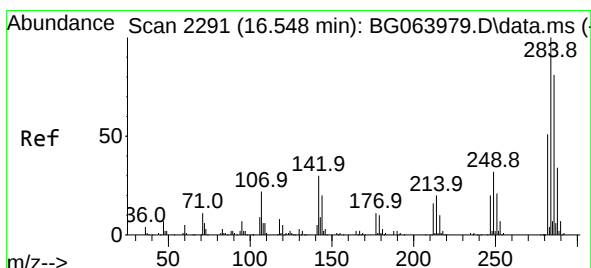
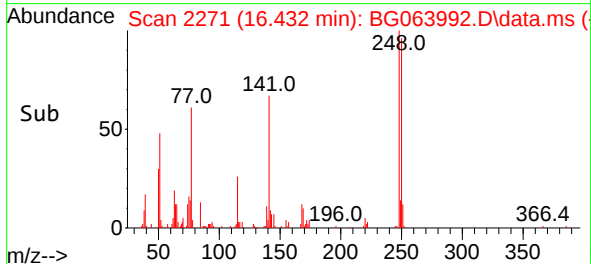
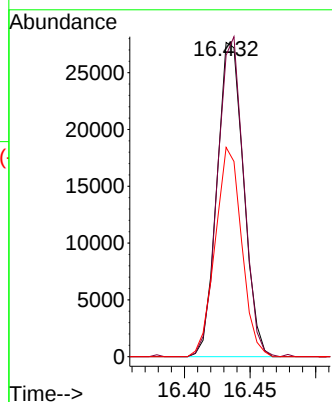
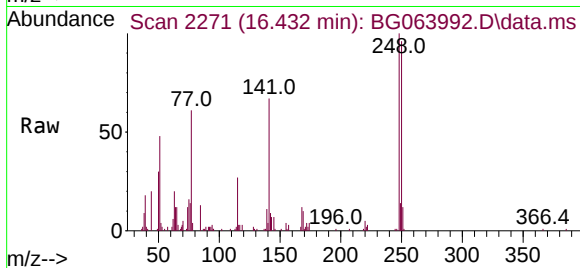




#67
4-Bromophenyl-phenylether
Concen: 8.879 ng
RT: 16.432 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

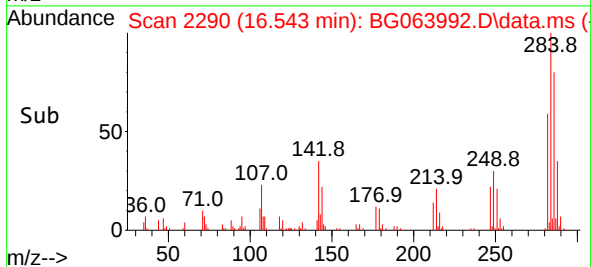
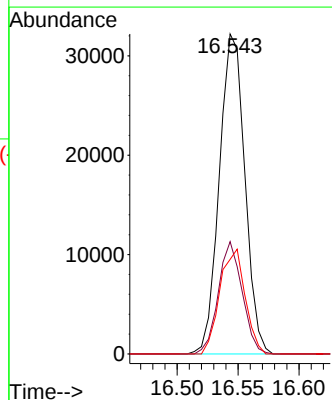
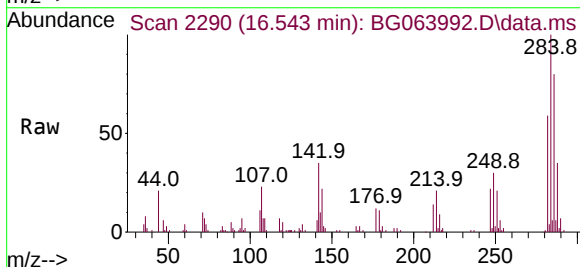
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

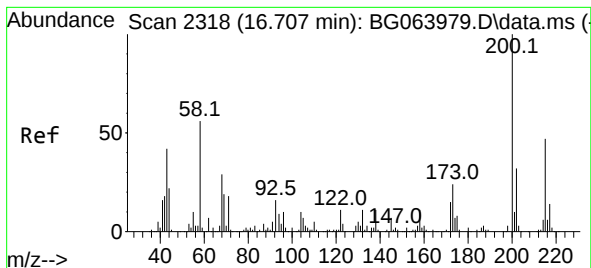
Tgt Ion:248 Resp: 39054
Ion Ratio Lower Upper
248 100
250 95.9 76.2 114.4
141 66.6 50.6 75.8



#68
Hexachlorobenzene
Concen: 9.071 ng
RT: 16.543 min Scan# 2290
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:284 Resp: 46911
Ion Ratio Lower Upper
284 100
142 35.1 23.8 35.8
249 29.5 25.9 38.9





#69

Atrazine

Concen: 9.759 ng

RT: 16.702 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

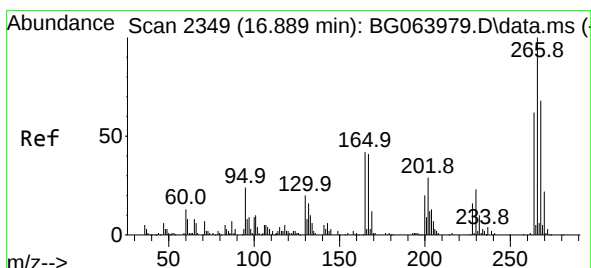
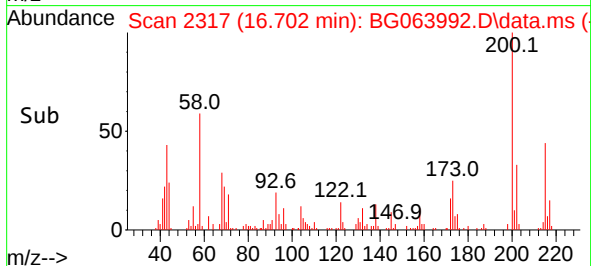
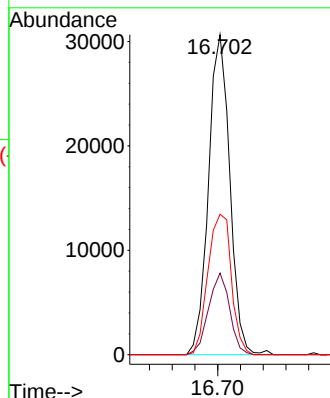
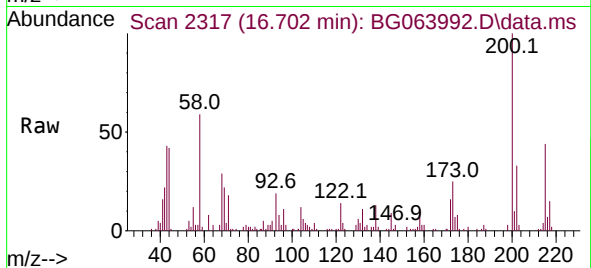
Tgt Ion:200 Resp: 39791

Ion Ratio Lower Upper

200 100

173 25.5 3.8 43.8

215 43.9 26.6 66.6



#70

Pentachlorophenol

Concen: 13.973 ng m

RT: 16.884 min Scan# 2348

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

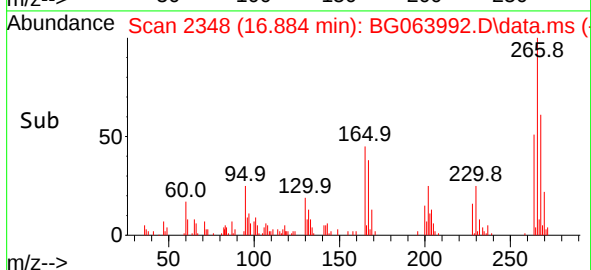
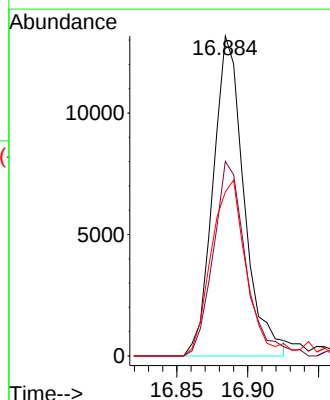
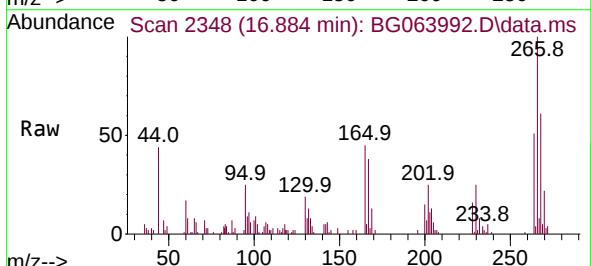
Tgt Ion:266 Resp: 20025

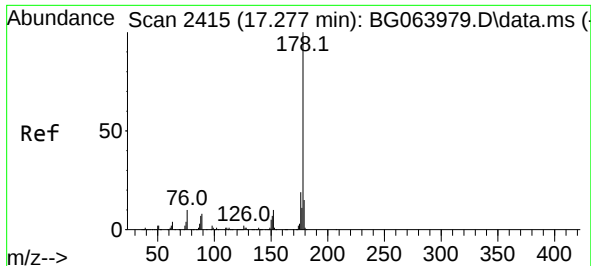
Ion Ratio Lower Upper

266 100

268 60.8 54.8 82.2

264 51.2 50.0 75.0

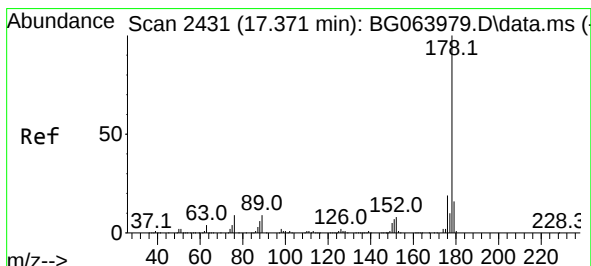
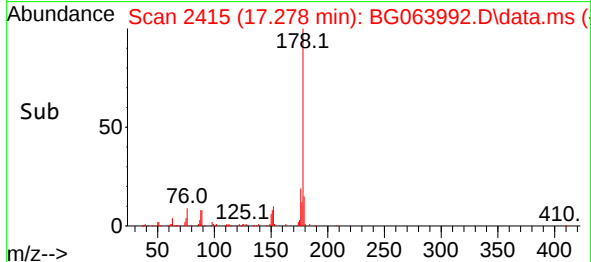
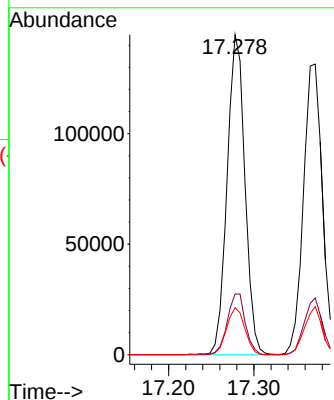
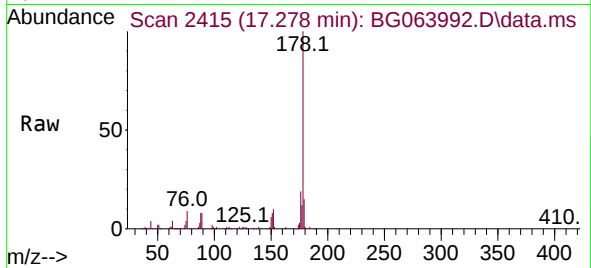




#71
Phenanthrene
Concen: 9.043 ng
RT: 17.278 min Scan# 2415
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

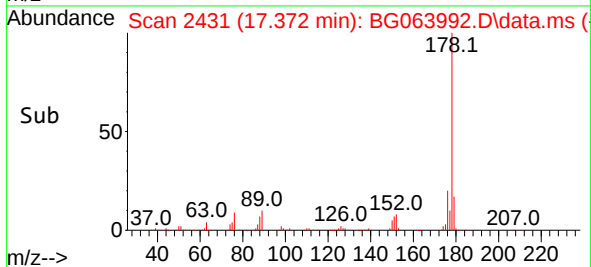
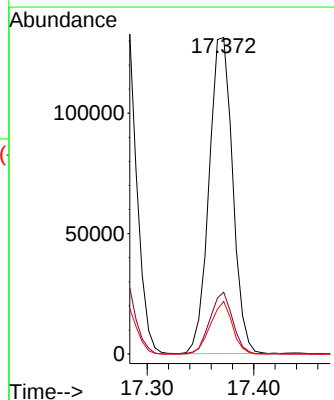
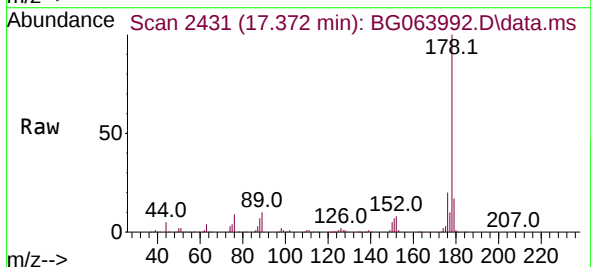
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

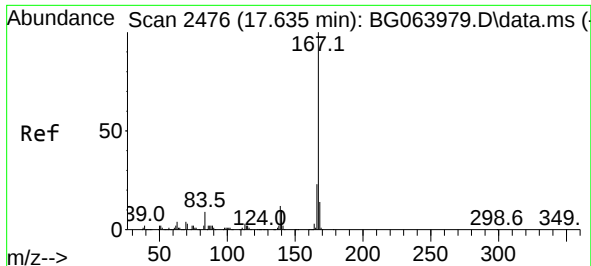
Tgt Ion:178 Resp: 209888
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.7 12.2 18.4



#72
Anthracene
Concen: 8.683 ng
RT: 17.372 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:178 Resp: 201656
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 16.6 12.8 19.2

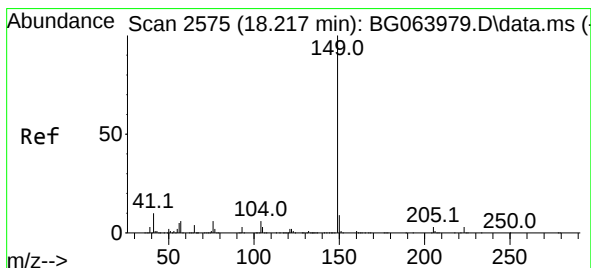
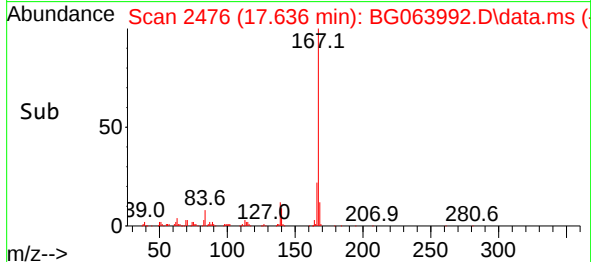
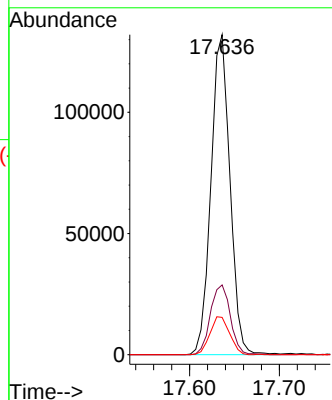
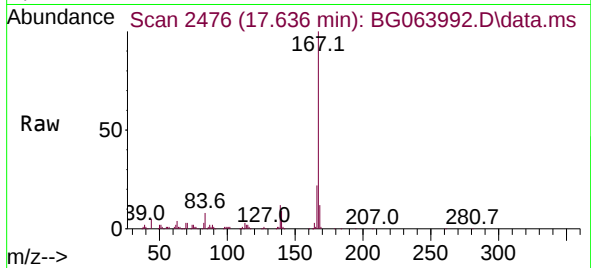




#73
 Carbazole
 Concen: 8.924 ng
 RT: 17.636 min Scan# 2476
 Delta R.T. 0.001 min
 Lab File: BG063992.D
 Acq: 4 Feb 2025 16:23

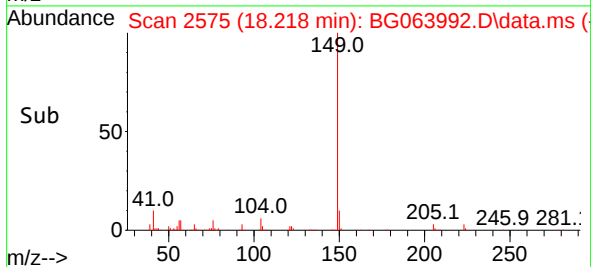
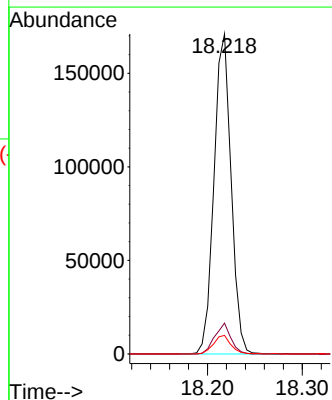
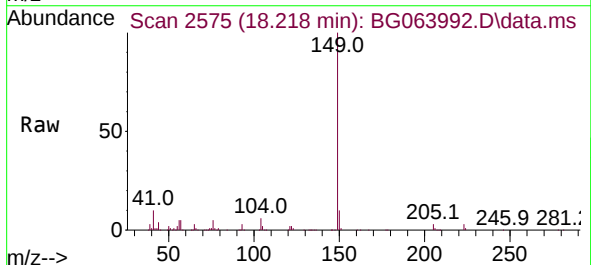
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

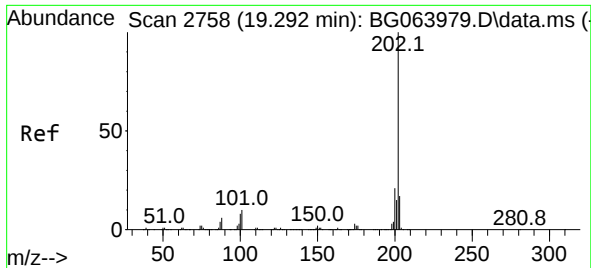
Tgt Ion:167 Resp: 194018
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.6 28.0
 139 11.7 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 9.435 ng
 RT: 18.218 min Scan# 2575
 Delta R.T. 0.001 min
 Lab File: BG063992.D
 Acq: 4 Feb 2025 16:23

Tgt Ion:149 Resp: 213833
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.8 4.6 6.8

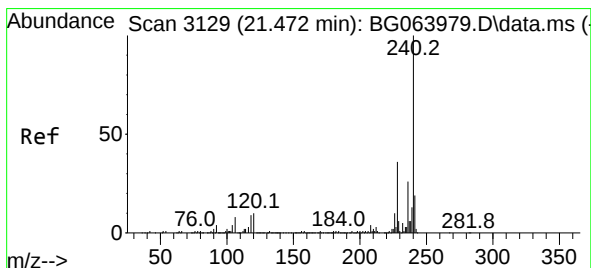
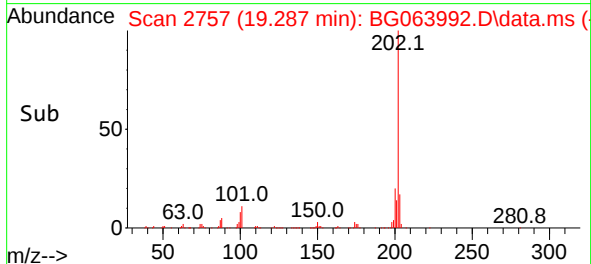
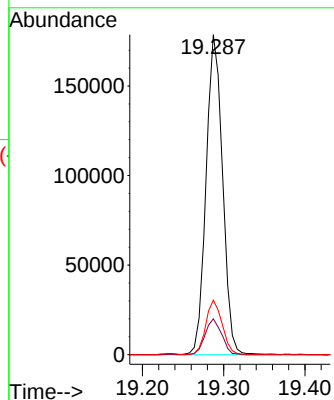
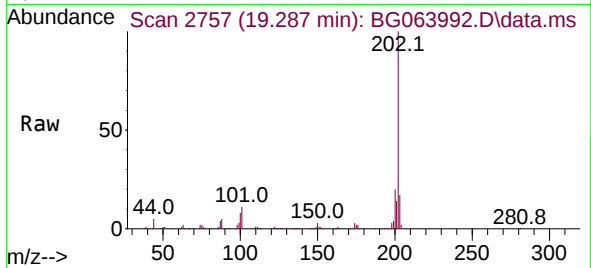




#75
Fluoranthene
Concen: 8.892 ng
RT: 19.287 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

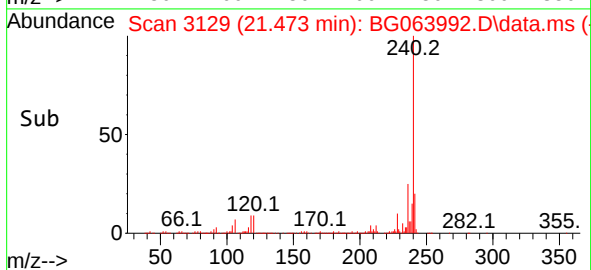
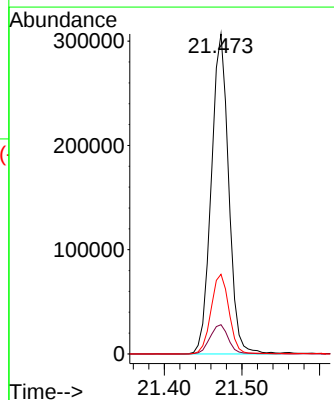
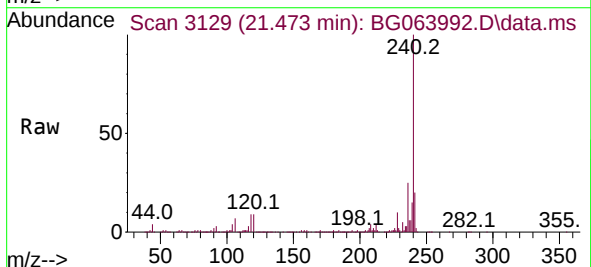
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

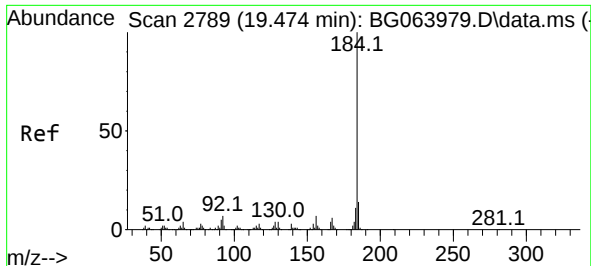
Tgt Ion:202 Resp: 251316
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.4
203 17.0 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.473 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:240 Resp: 477897
Ion Ratio Lower Upper
240 100
120 9.1 7.9 11.9
236 24.9 21.0 31.6

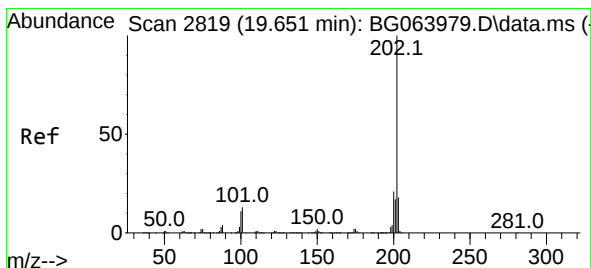
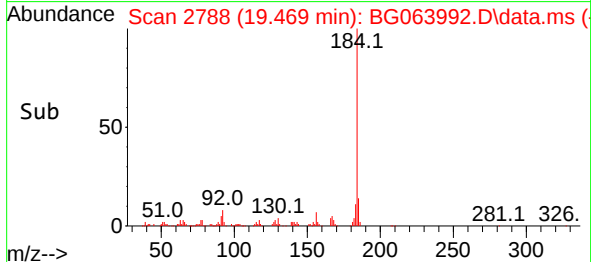
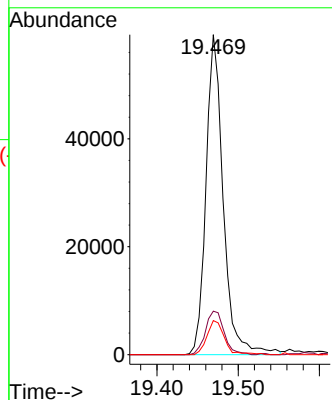
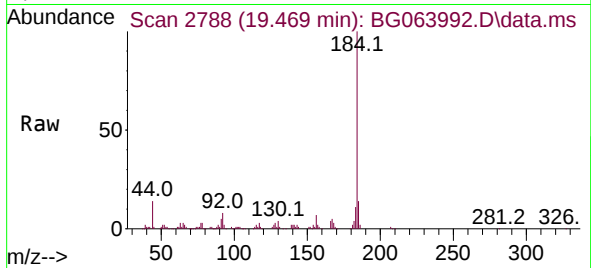




#77
Benzidine
Concen: 8.570 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

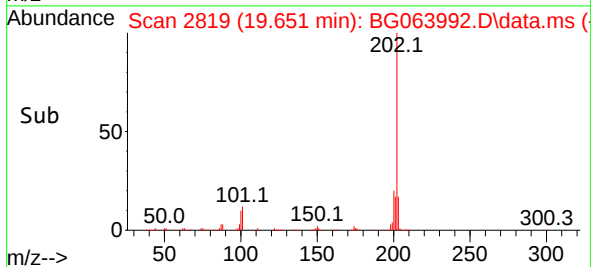
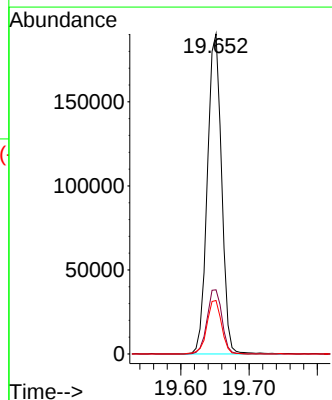
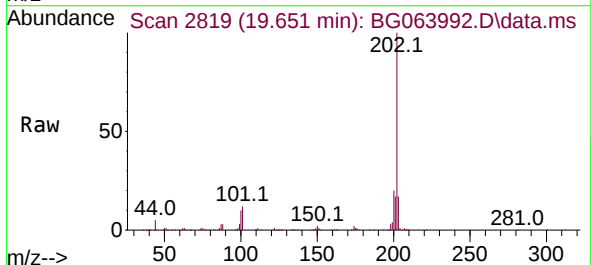
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

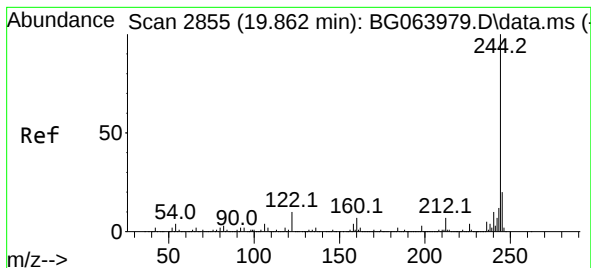
Tgt Ion:184 Resp: 87217
Ion Ratio Lower Upper
184 100
185 13.6 11.2 16.8
183 10.6 8.7 13.1



#78
Pyrene
Concen: 9.355 ng
RT: 19.651 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:202 Resp: 276006
Ion Ratio Lower Upper
202 100
200 20.1 17.0 25.4
203 16.7 14.5 21.7





#79

Terphenyl-d14

Concen: 88.017 ng

RT: 19.863 min Scan# 2855

Delta R.T. 0.001 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

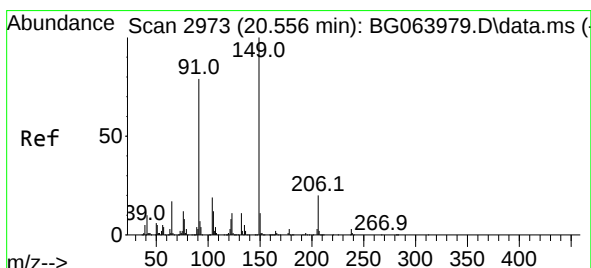
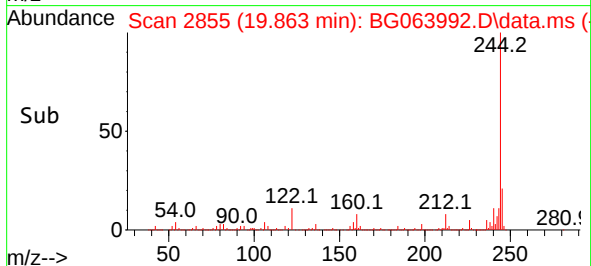
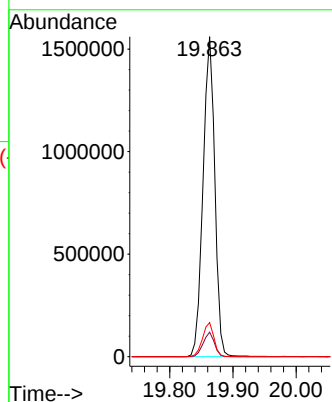
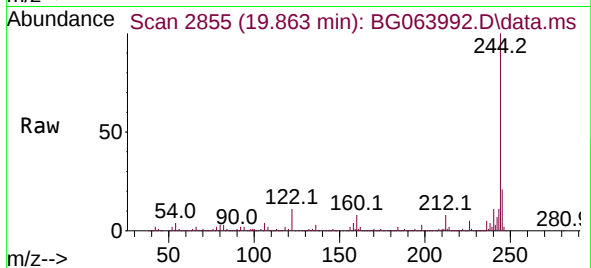
Tgt Ion:244 Resp: 2014080

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 10.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 12.643 ng

RT: 20.556 min Scan# 2973

Delta R.T. 0.000 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

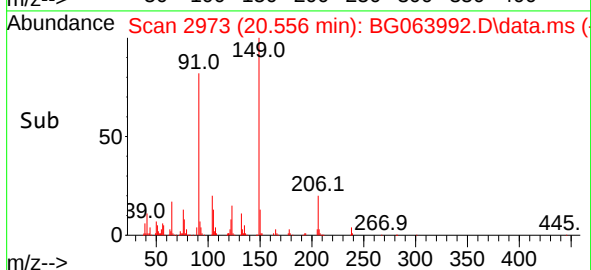
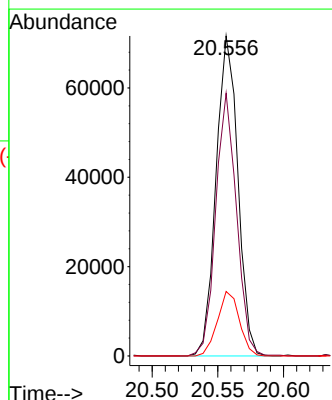
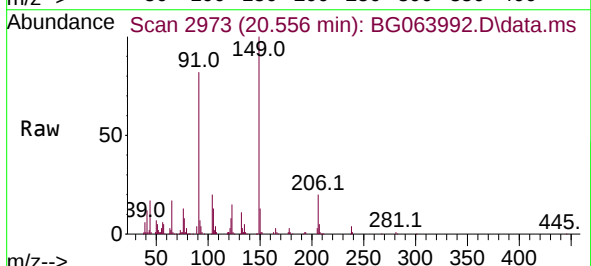
Tgt Ion:149 Resp: 82560

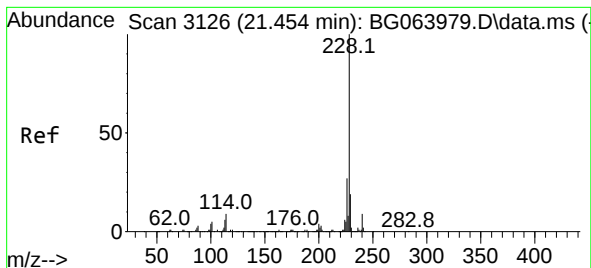
Ion Ratio Lower Upper

149 100

91 82.1 63.0 94.6

206 20.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 9.277 ng

RT: 21.455 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

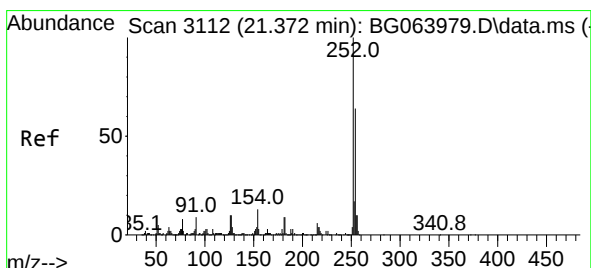
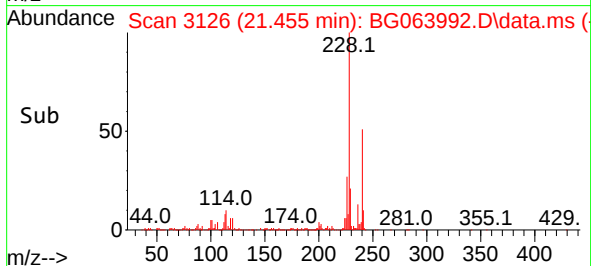
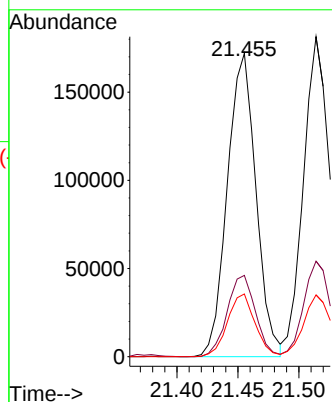
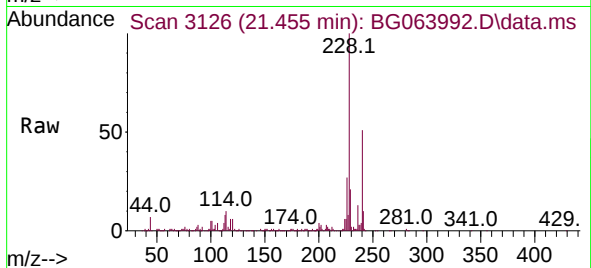
Tgt Ion:228 Resp: 281492

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

229 20.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 9.628 ng

RT: 21.373 min Scan# 3112

Delta R.T. 0.001 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

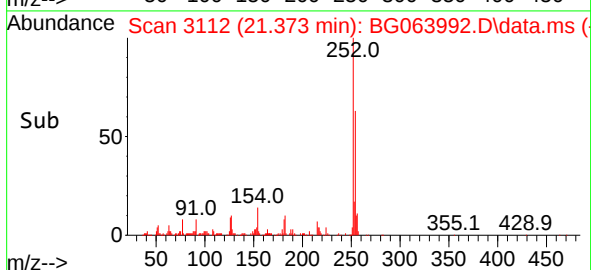
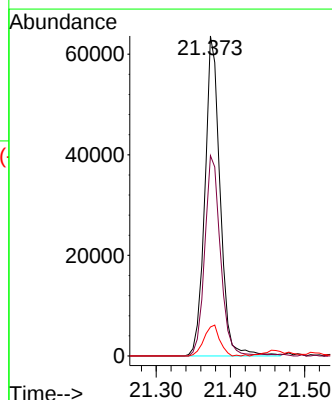
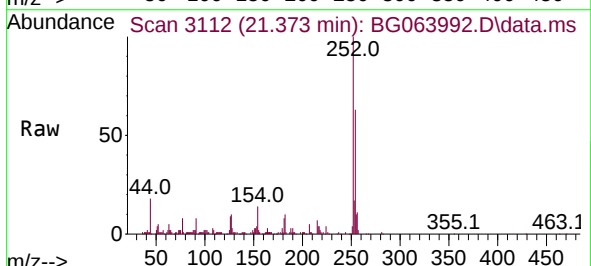
Tgt Ion:252 Resp: 90974

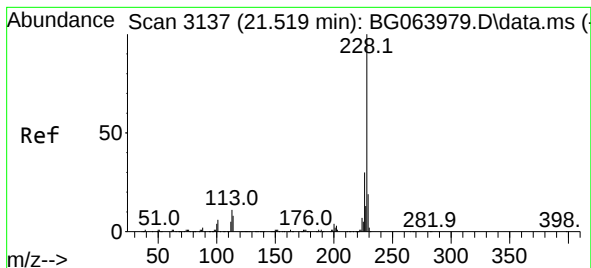
Ion Ratio Lower Upper

252 100

254 62.6 50.8 76.2

126 9.0 8.2 12.2





#83

Chrysene

Concen: 9.184 ng

RT: 21.514 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG063992.D

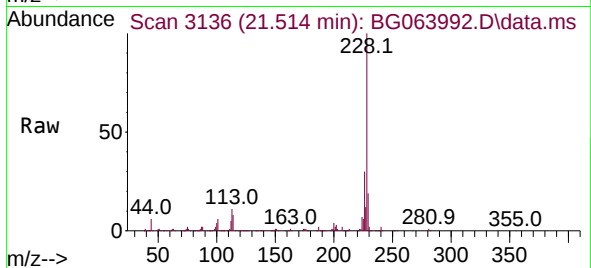
Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

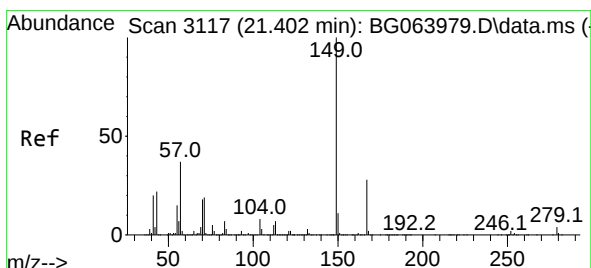
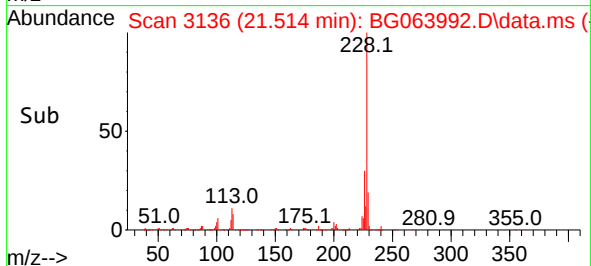
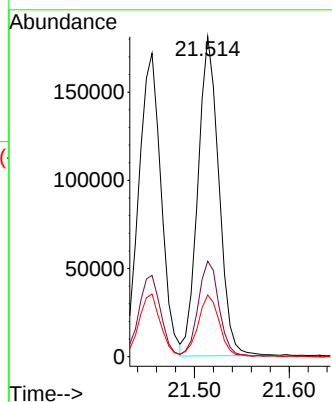
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:228 Resp: 277326

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.3	15.4	23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.106 ng

RT: 21.397 min Scan# 3116

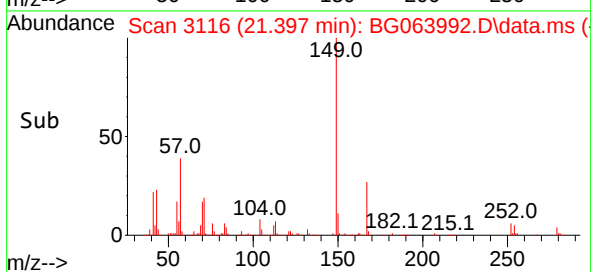
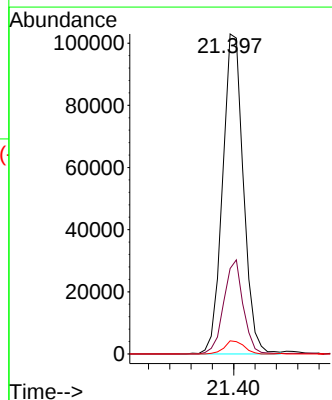
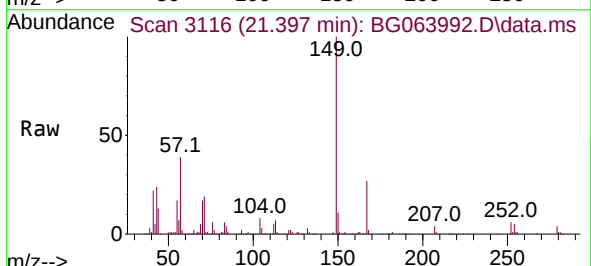
Delta R.T. -0.005 min

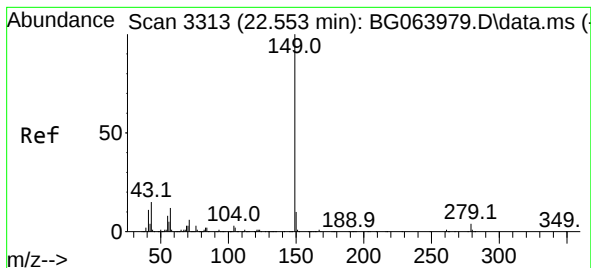
Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Tgt Ion:149 Resp: 139128

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.5	33.7
279	4.1	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 14.029 ng

RT: 22.554 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

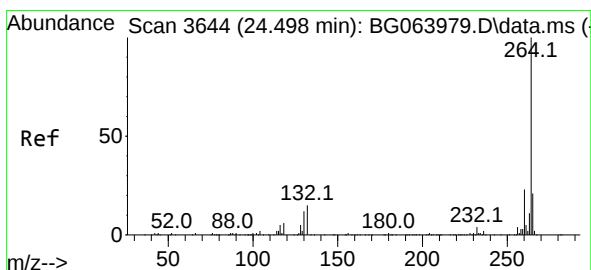
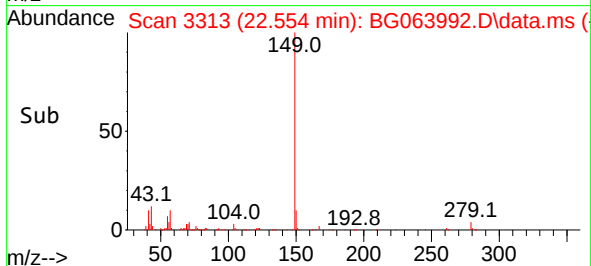
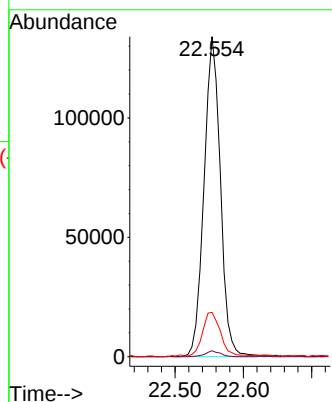
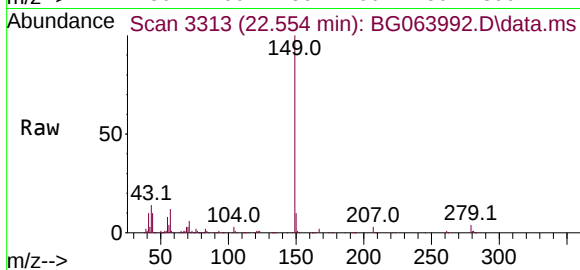
Tgt Ion:149 Resp: 224030

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 15.3 12.3 18.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.505 min Scan# 3645

Delta R.T. 0.007 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

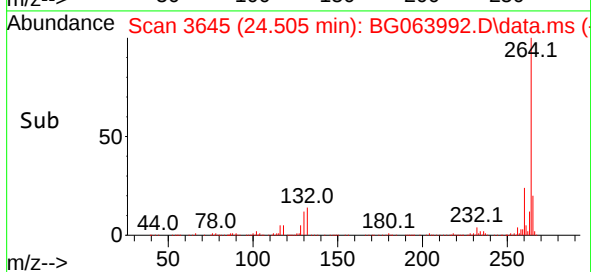
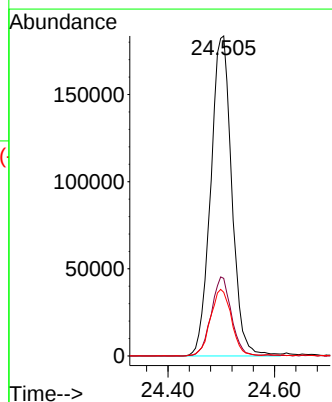
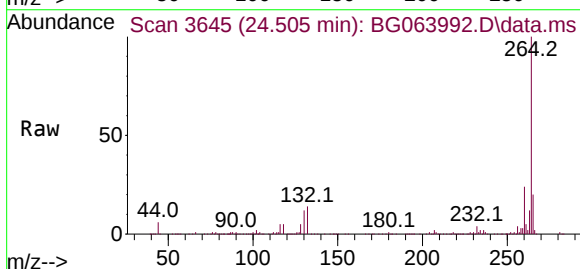
Tgt Ion:264 Resp: 503218

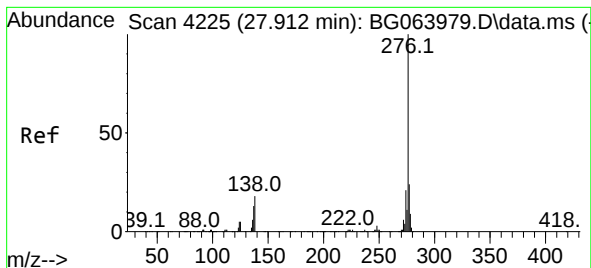
Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 19.9 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.379 ng

RT: 27.907 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

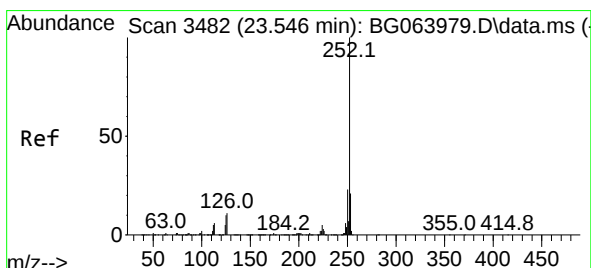
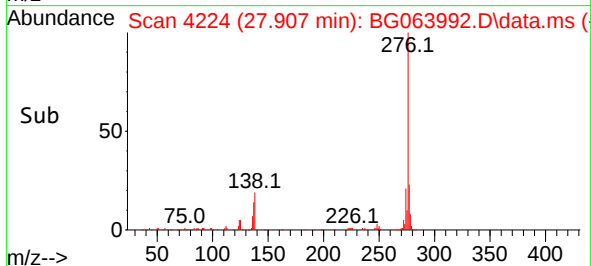
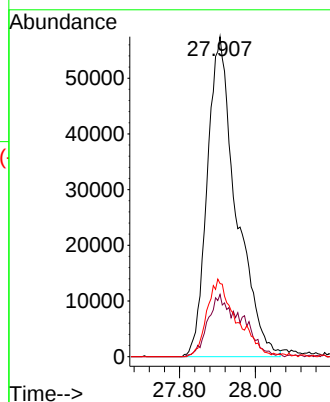
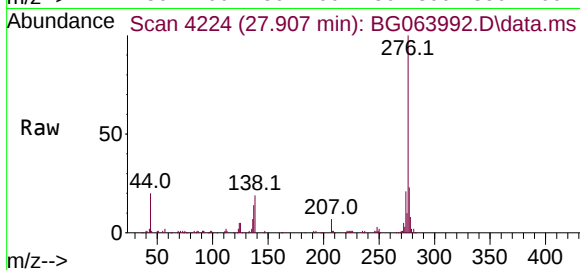
Tgt Ion:276 Resp: 304472

Ion Ratio Lower Upper

276 100

138 22.5 10.7 16.1#

277 24.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 8.915 ng

RT: 23.547 min Scan# 3482

Delta R.T. 0.001 min

Lab File: BG063992.D

Acq: 4 Feb 2025 16:23

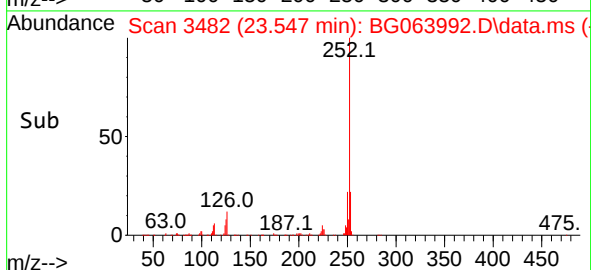
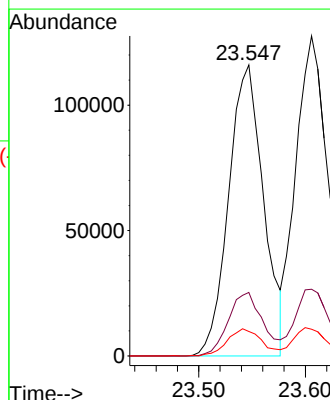
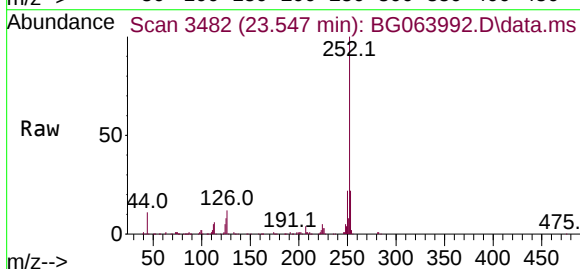
Tgt Ion:252 Resp: 264168

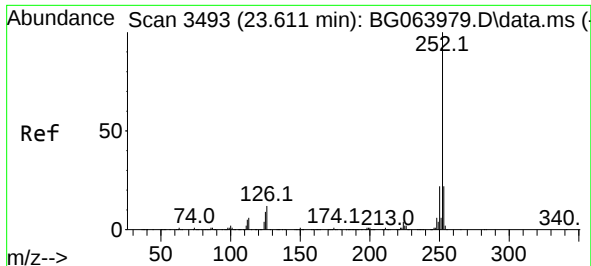
Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 8.4 7.9 11.9

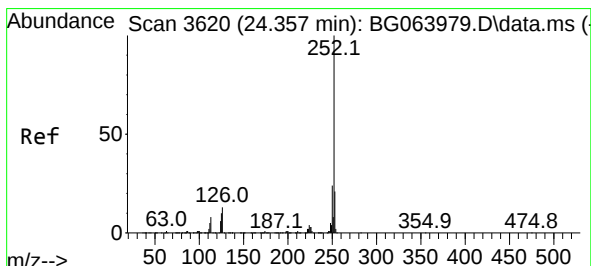
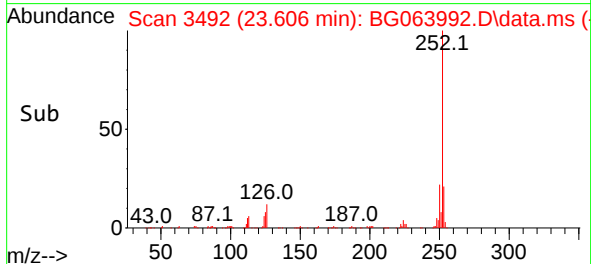
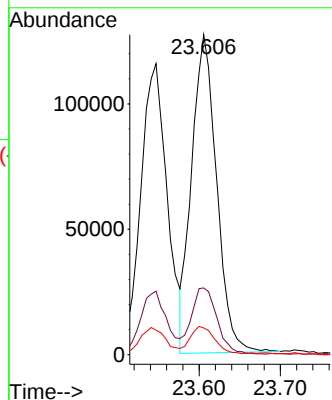
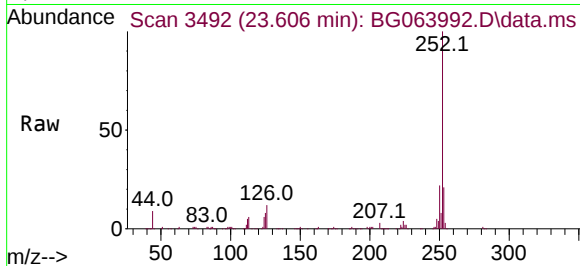




#89
Benzo(k)fluoranthene
Concen: 8.894 ng
RT: 23.606 min Scan# 3493
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

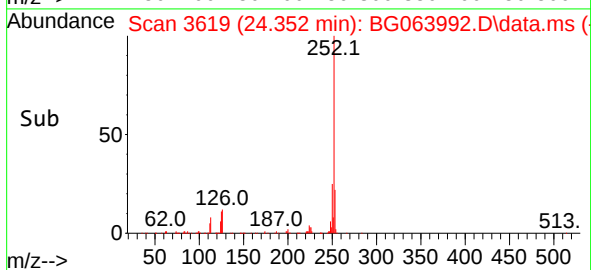
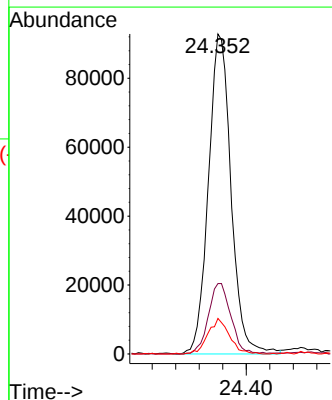
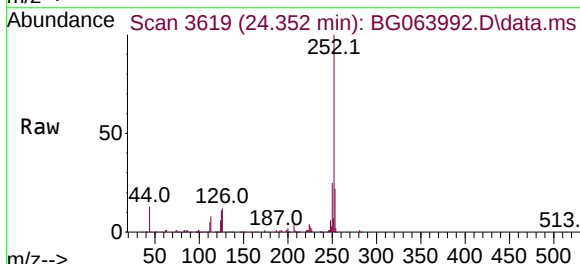
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

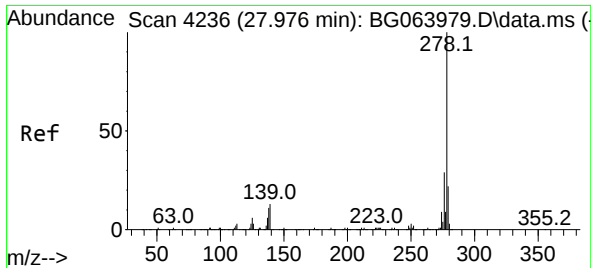
Tgt Ion:252 Resp: 270613
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 8.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 9.370 ng
RT: 24.352 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:252 Resp: 247842
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 11.1 7.9 11.9

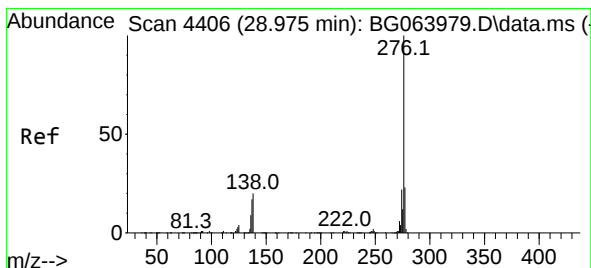
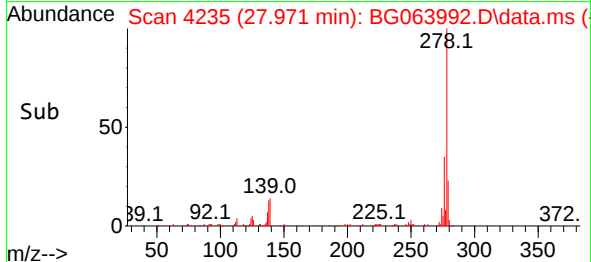
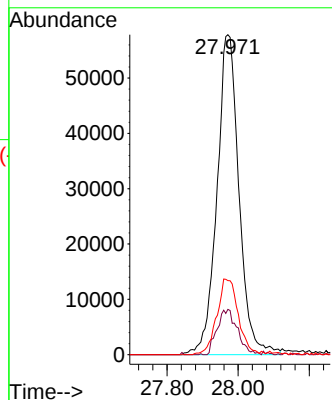
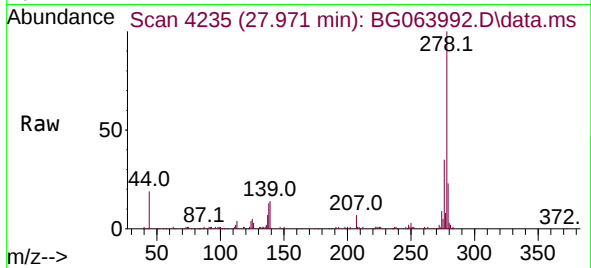




#91
Dibenzo(a,h)anthracene
Concen: 9.067 ng
RT: 27.971 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:278 Resp: 248551
Ion Ratio Lower Upper
278 100
139 14.1 10.8 16.2
279 23.1 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 8.643 ng
RT: 28.958 min Scan# 4403
Delta R.T. -0.017 min
Lab File: BG063992.D
Acq: 4 Feb 2025 16:23

Tgt Ion:276 Resp: 239175
Ion Ratio Lower Upper
276 100
277 22.2 18.2 27.4
138 16.9 15.8 23.6

