

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
 Data File : BG063143.D
 Acq On : 1 Nov 2024 11:43
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Nov 01 13:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	157621	20.000	ng	0.00
21) Naphthalene-d8	10.635	136	662569	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	525582	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1273559	20.000	ng	0.00
76) Chrysene-d12	21.481	240	1643312	20.000	ng	0.00
86) Perylene-d12	24.519	264	1788387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	1041711	102.481	ng	0.00
7) Phenol-d6	7.021	99	1473994	110.656	ng	0.00
23) Nitrobenzene-d5	9.001	82	1125516	73.882	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	931355	104.321	ng	0.00
45) 2-Fluorobiphenyl	13.097	172	2434909	68.617	ng	0.00
79) Terphenyl-d14	19.859	244	4519414	56.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	14452	3.618	ng	93
3) Pyridine	3.749	79	32276	3.348	ng	# 86
4) n-Nitrosodimethylamine	3.667	42	21176	3.536	ng	# 96
6) Aniline	7.174	93	52693	4.399	ng	# 92
8) 2-Chlorophenol	7.415	128	35802	3.793	ng	98
9) Benzaldehyde	6.986	77	46727	5.645	ng	92
10) Phenol	7.045	94	50948	3.570	ng	86
11) bis(2-Chloroethyl)ether	7.268	93	37569	3.903	ng	85
12) 1,3-Dichlorobenzene	7.732	146	42212	3.686	ng	97
13) 1,4-Dichlorobenzene	7.879	146	38111	3.264	ng	91
14) 1,2-Dichlorobenzene	8.197	146	40303	3.581	ng	93
15) Benzyl Alcohol	8.085	79	42463	3.967	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.361	45	68822	3.942	ng	95
17) 2-Methylphenol	8.291	107	30143	3.321	ng	95
18) Hexachloroethane	8.919	117	15868	3.798	ng	91
19) n-Nitroso-di-n-propyla...	8.637	70	35763	3.855	ng	# 82
20) 3+4-Methylphenols	8.614	107	39984	3.303	ng	95
22) Acetophenone	8.661	105	67225	3.786	ng	# 99
24) Nitrobenzene	9.043	77	59589	3.617	ng	90
25) Isophorone	9.554	82	99085	3.760	ng	97
26) 2-Nitrophenol	9.748	139	19766	3.263	ng	92
28) bis(2-Chloroethoxy)met...	10.041	93	48301	3.496	ng	# 95
29) 2,4-Dichlorophenol	10.288	162	38317	3.406	ng	98
30) 1,2,4-Trichlorobenzene	10.500	180	46197	3.339	ng	98
31) Naphthalene	10.682	128	123754	3.541	ng	# 95
33) 4-Chloroaniline	10.793	127	46448	3.938	ng	# 89
34) Hexachlorobutadiene	10.970	225	36453	3.201	ng	# 81
35) Caprolactam	11.540	113	12409	3.454	ng	# 65
36) 4-Chloro-3-methylphenol	11.922	107	40024	3.088	ng	94
37) 2-Methylnaphthalene	12.292	142	88403	3.566	ng	98
38) 1-Methylnaphthalene	12.292	142	88403	3.622	ng	95
40) 1,2,4,5-Tetrachloroben...	12.668	216	63290	3.351	ng	98
43) 2,4,6-Trichlorophenol	12.909	196	34142	3.019	ng	94
44) 2,4,5-Trichlorophenol	12.979	196	41632	3.349	ng	# 89
46) 1,1'-Biphenyl	13.308	154	128844	3.612	ng	96
47) 2-Chloronaphthalene	13.349	162	97073	3.249	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
 Data File : BG063143.D
 Acq On : 1 Nov 2024 11:43
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Nov 01 13:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

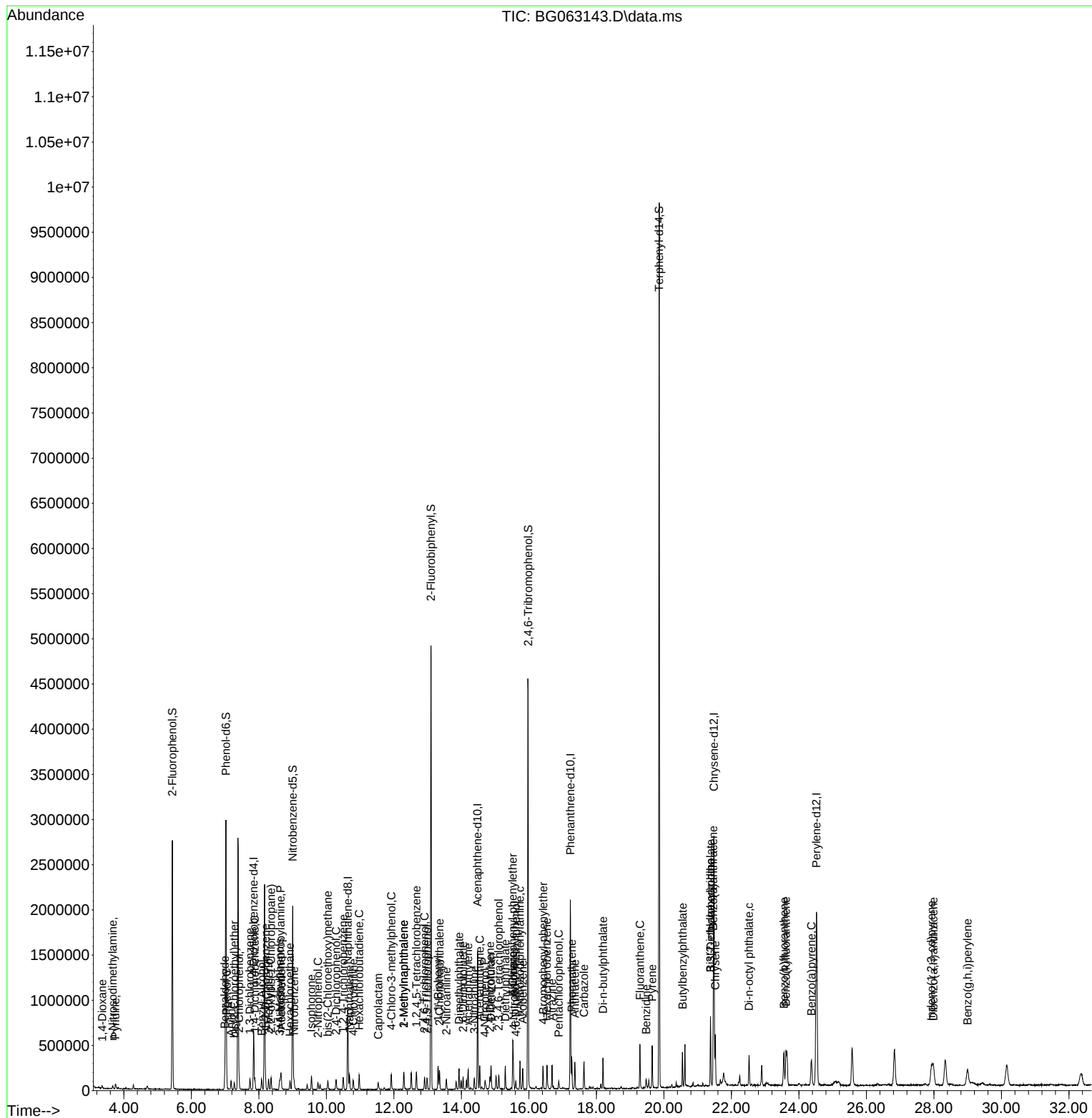
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	13.555	65	31792	3.032	ng	# 82
49) Acenaphthylene	14.201	152	152325	3.612	ng	# 91
50) Dimethylphthalate	13.931	163	123495	3.297	ng	98
51) 2,6-Dinitrotoluene	14.048	165	27045	3.382	ng	90
52) Acenaphthene	14.542	154	85046	3.257	ng	90
53) 3-Nitroaniline	14.383	138	26091	3.436	ng	87
55) Dibenzofuran	14.877	168	158167	3.435	ng	95
56) 4-Nitrophenol	14.695	139	17053	2.966	ng	# 73
57) 2,4-Dinitrotoluene	14.848	165	37188	3.251	ng	# 96
58) Fluorene	15.529	166	119723	3.281	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.106	232	34455	2.888	ng	# 90
60) Diethylphthalate	15.300	149	129011	3.354	ng	97
61) 4-Chlorophenyl-phenyle...	15.523	204	76438	3.371	ng	95
62) 4-Nitroaniline	15.547	138	26850	3.205	ng	# 84
63) Azobenzene	15.817	77	137915	3.467	ng	93
65) 4,6-Dinitro-2-methylph...	15.611	198	22669	2.769	ng	87
66) n-Nitrosodiphenylamine	15.735	169	112985	3.556	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	51793	3.318	ng	95
68) Hexachlorobenzene	16.534	284	63385	3.506	ng	97
69) Atrazine	16.687	200	50410	3.451	ng	94
70) Pentachlorophenol	16.886	266	19336	2.149	ng	96
71) Phenanthrene	17.268	178	222075	3.597	ng	99
72) Anthracene	17.362	178	202591	3.343	ng	99
73) Carbazole	17.633	167	199105	3.490	ng	98
74) Di-n-butylphthalate	18.197	149	224057	3.459	ng	97
75) Fluoranthene	19.289	202	311442	3.564	ng	98
77) Benzidine	19.472	184	64454	2.546	ng	# 97
78) Pyrene	19.654	202	317501	3.259	ng	98
80) Butylbenzylphthalate	20.553	149	105466	3.360	ng	86
81) Benzo(a)anthracene	21.463	228	366427	3.541	ng	98
82) 3,3'-Dichlorobenzidine	21.381	252	128019	3.337	ng	98
83) Chrysene	21.522	228	345987	3.559	ng	97
84) Bis(2-ethylhexyl)phtha...	21.381	149	159064	3.493	ng	# 94
85) Di-n-octyl phthalate	22.521	149	254952	3.347	ng	97
87) Indeno(1,2,3-cd)pyrene	27.920	276	428094	3.567	ng	92
88) Benzo(b)fluoranthene	23.555	252	362566	3.477	ng	99
89) Benzo(k)fluoranthene	23.614	252	356114	3.580	ng	# 96
90) Benzo(a)pyrene	24.372	252	337628	3.710	ng	# 99
91) Dibenzo(a,h)anthracene	27.985	278	350718	3.501	ng	97
92) Benzo(g,h,i)perylene	28.996	276	330003	3.332	ng	# 92

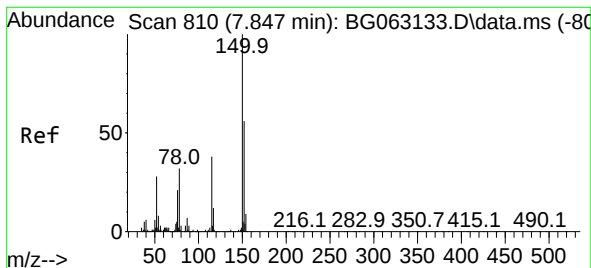
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
 Data File : BG063143.D
 Acq On : 1 Nov 2024 11:43
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Nov 01 13:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

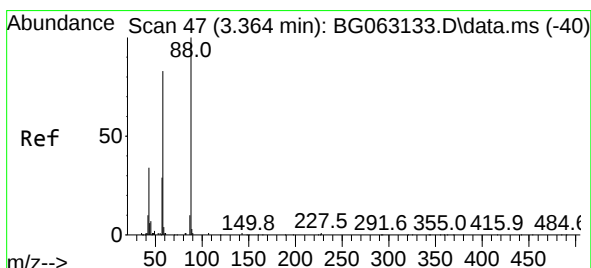
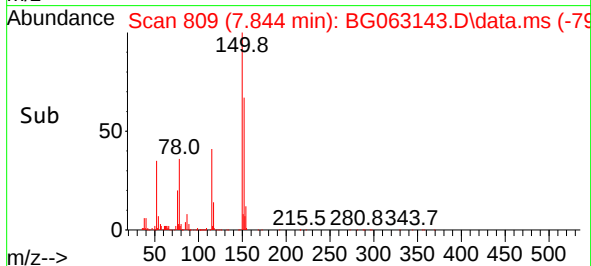
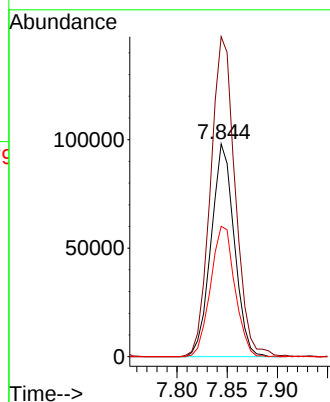
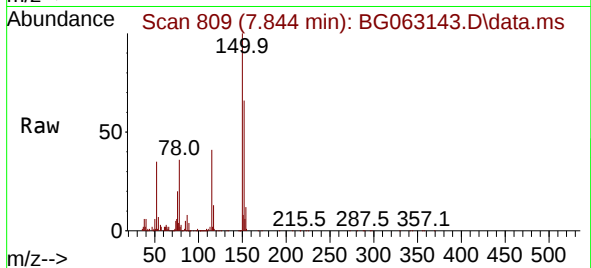




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

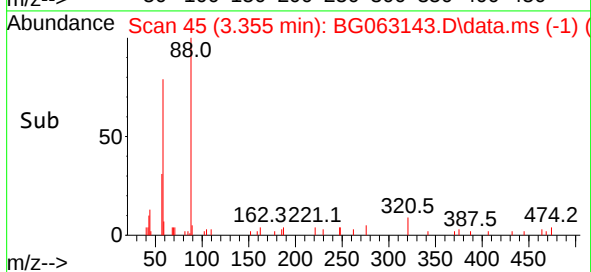
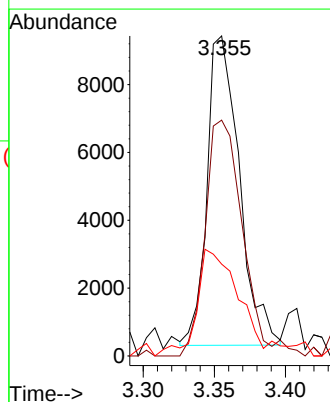
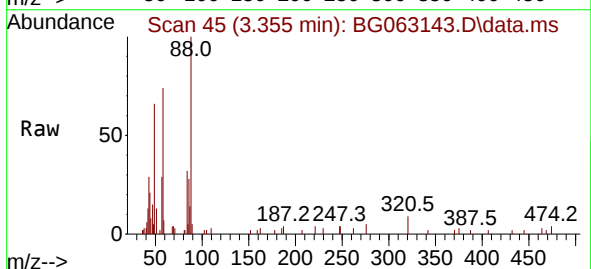
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

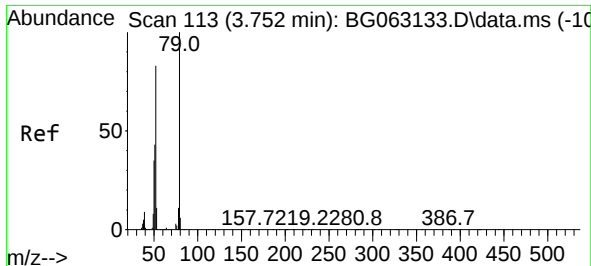
Tgt Ion:152 Resp: 157621
Ion Ratio Lower Upper
152 100
150 150.4 143.1 214.7
115 61.3 55.0 82.4



#2
1,4-Dioxane
Concen: 3.618 ng
RT: 3.355 min Scan# 45
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 88 Resp: 14452
Ion Ratio Lower Upper
88 100
58 88.4 73.8 110.6
43 47.7 32.0 48.0





#3

Pyridine

Concen: 3.348 ng

RT: 3.749 min Scan# 113

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

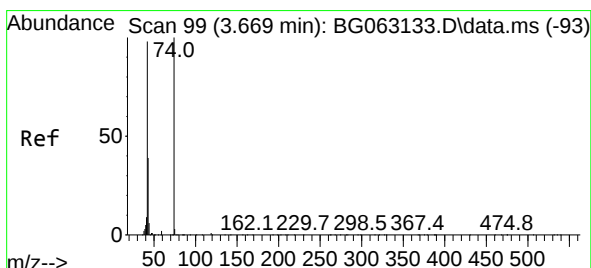
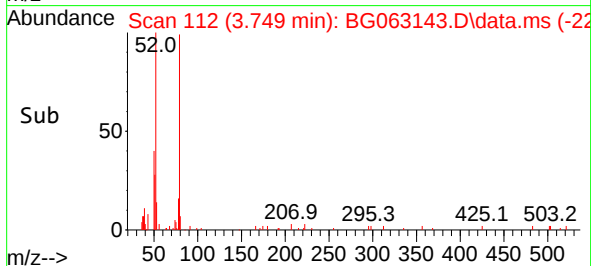
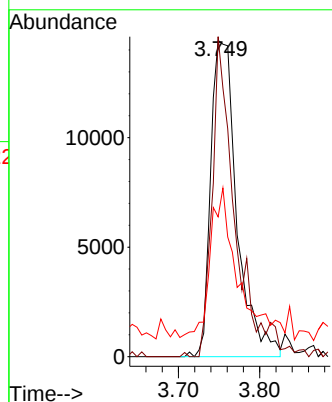
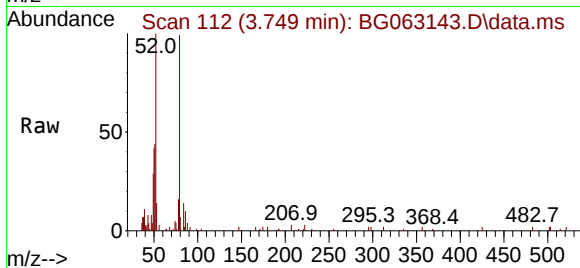
Tgt Ion: 79 Resp: 32276

Ion Ratio Lower Upper

79 100

52 101.2 66.1 99.1#

51 44.2 36.6 54.8



#4

n-Nitrosodimethylamine

Concen: 3.536 ng

RT: 3.667 min Scan# 98

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

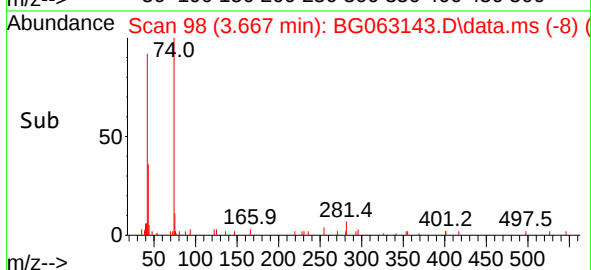
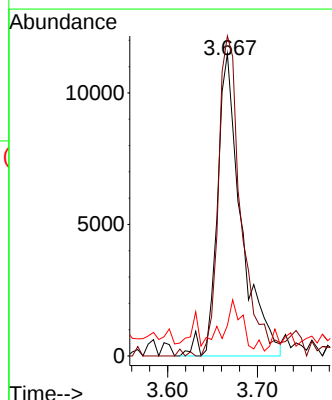
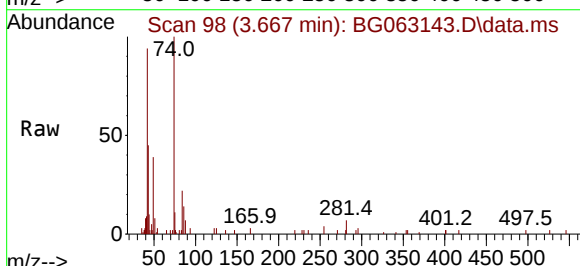
Tgt Ion: 42 Resp: 21176

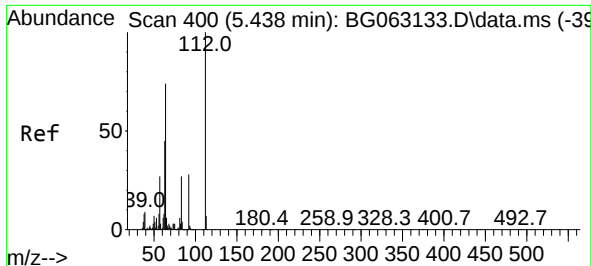
Ion Ratio Lower Upper

42 100

74 105.9 81.9 122.9

44 10.1 5.8 8.8#

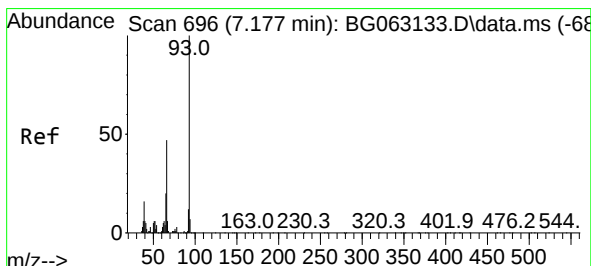
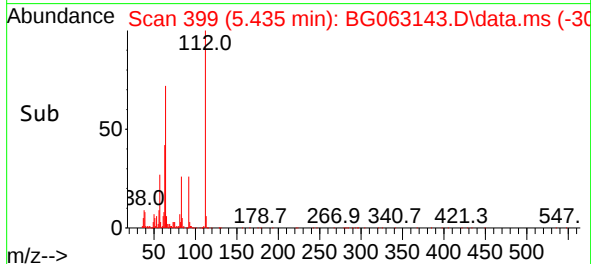
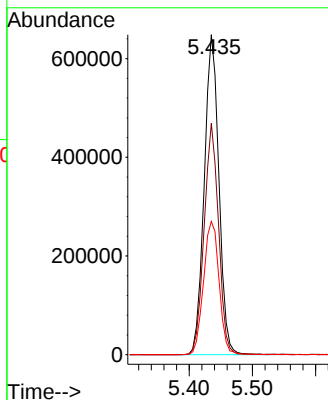
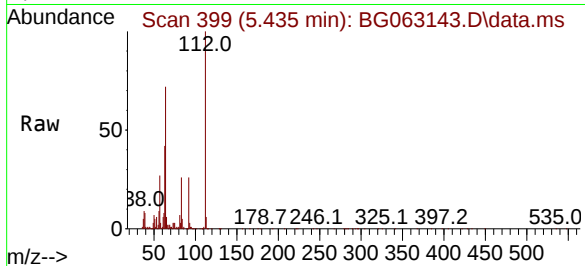




#5
2-Fluorophenol
Concen: 102.481 ng
RT: 5.435 min Scan# 399
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

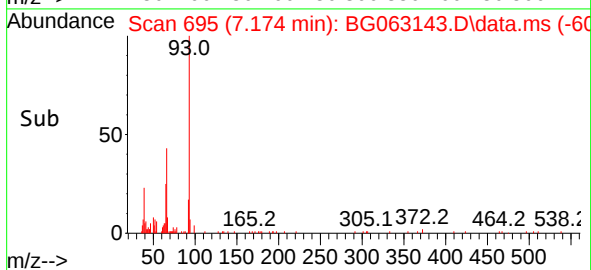
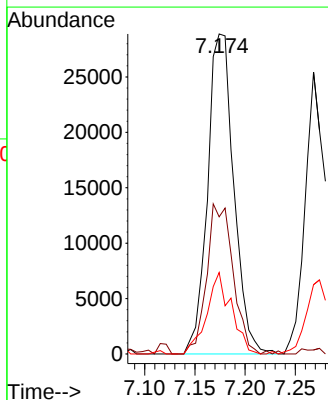
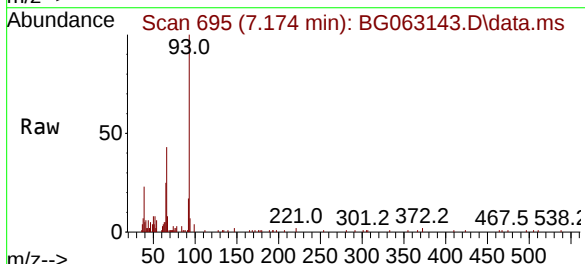
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

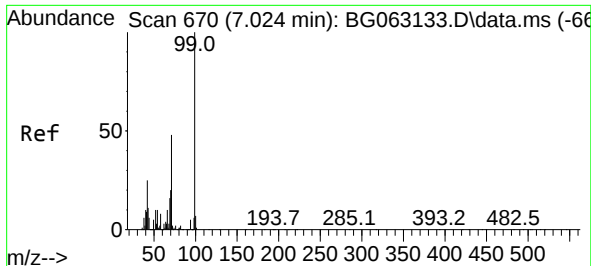
Tgt Ion:112 Resp: 1041711
Ion Ratio Lower Upper
112 100
64 72.3 59.4 89.0
63 41.6 35.8 53.6



#6
Aniline
Concen: 4.399 ng
RT: 7.174 min Scan# 695
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 93 Resp: 52693
Ion Ratio Lower Upper
93 100
66 42.8 37.8 56.8
65 25.4 16.1 24.1#



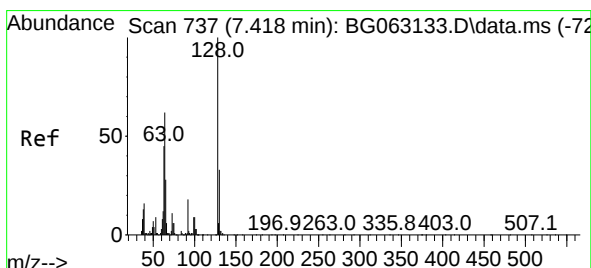
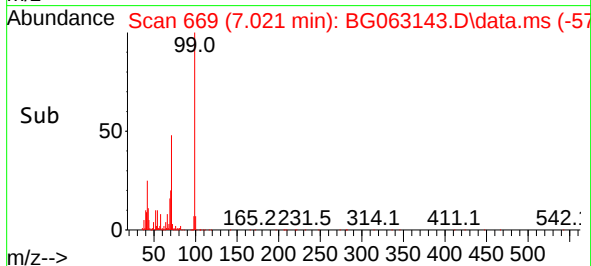
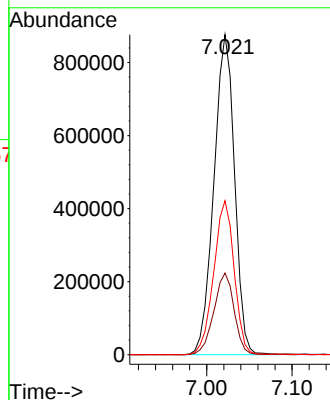
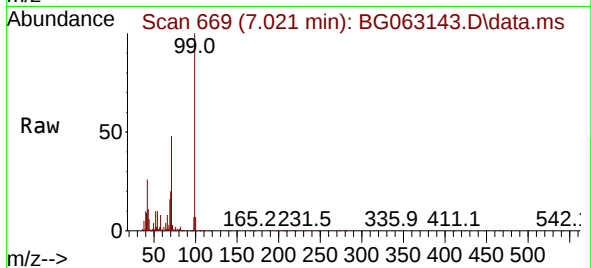


#7
Phenol-d6
Concen: 110.656 ng
RT: 7.021 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 99 Resp: 1473994

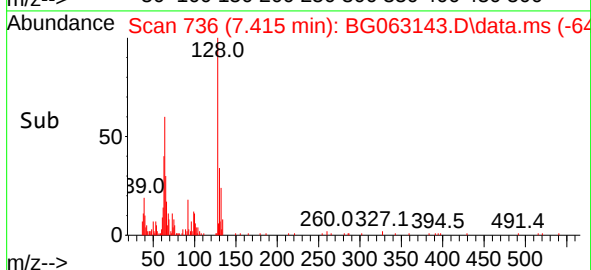
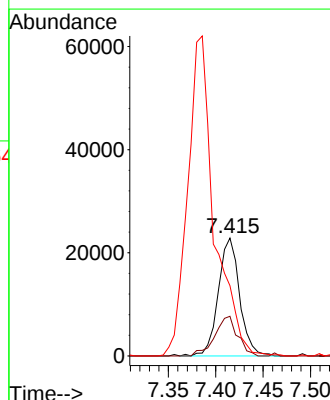
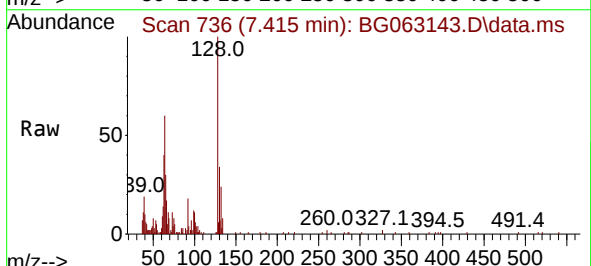
Ion	Ratio	Lower	Upper
99	100		
42	25.5	20.0	30.0
71	48.1	38.2	57.4

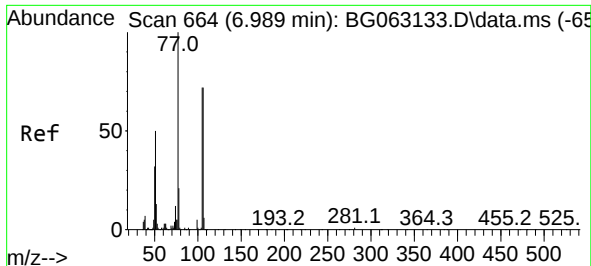


#8
2-Chlorophenol
Concen: 3.793 ng
RT: 7.415 min Scan# 736
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 128 Resp: 35802

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.3	53.3
64	59.6	41.8	81.8

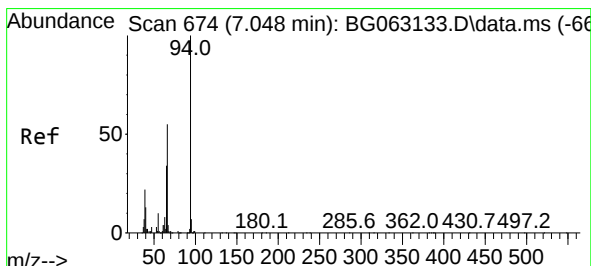
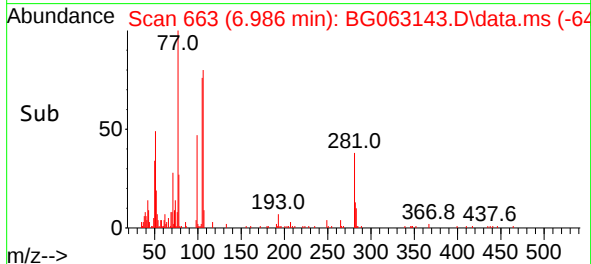
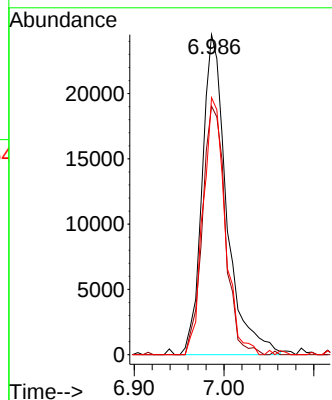
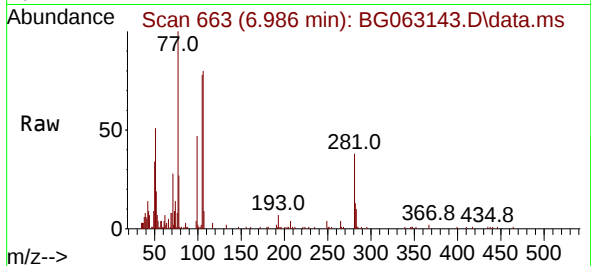




#9
Benzaldehyde
Concen: 5.645 ng
RT: 6.986 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

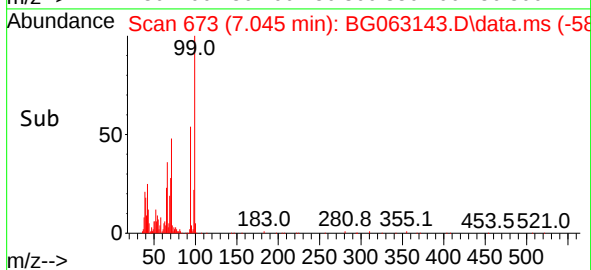
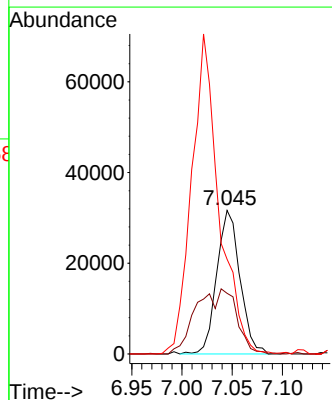
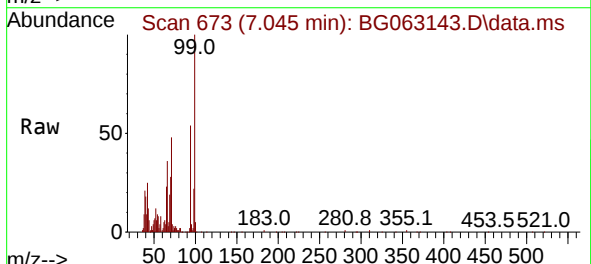
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

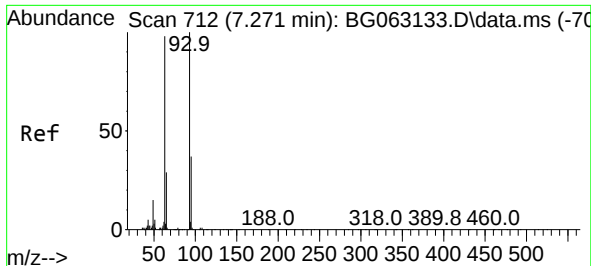
Tgt Ion: 77 Resp: 46727
Ion Ratio Lower Upper
77 100
105 77.6 52.2 92.2
106 80.3 52.2 92.2



#10
Phenol
Concen: 3.570 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 94 Resp: 50948
Ion Ratio Lower Upper
94 100
65 42.3 14.2 54.2
66 66.0 36.2 76.2

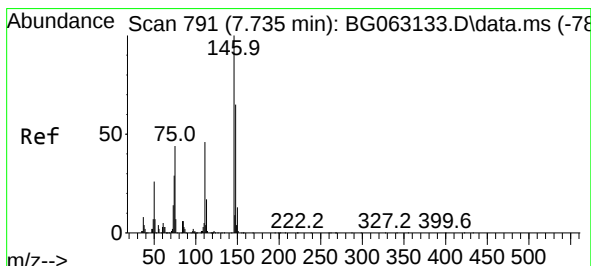
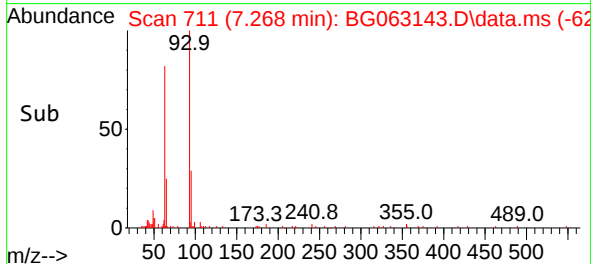
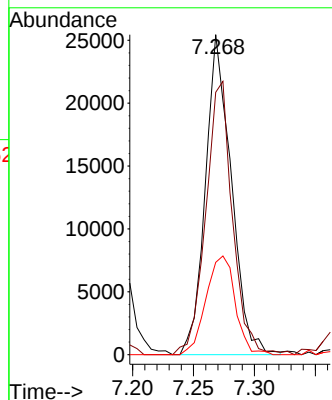
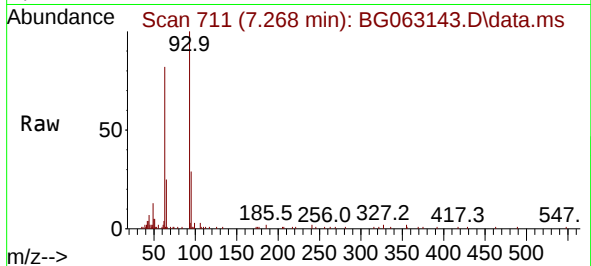




#11
bis(2-Chloroethyl)ether
Concen: 3.903 ng
RT: 7.268 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

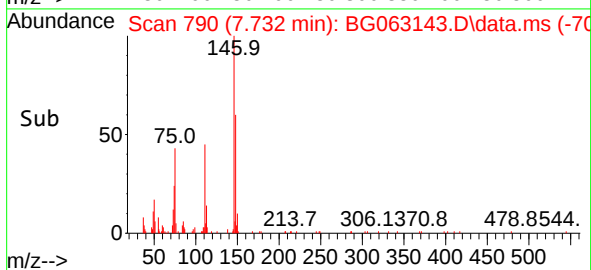
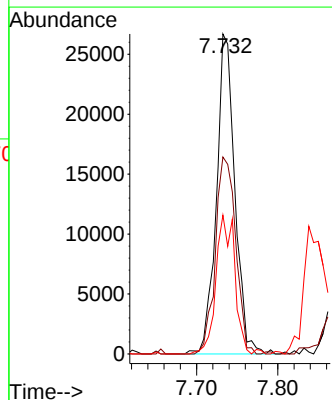
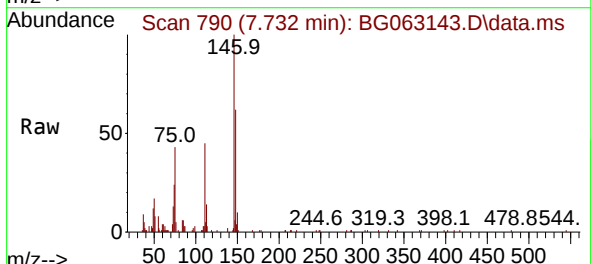
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

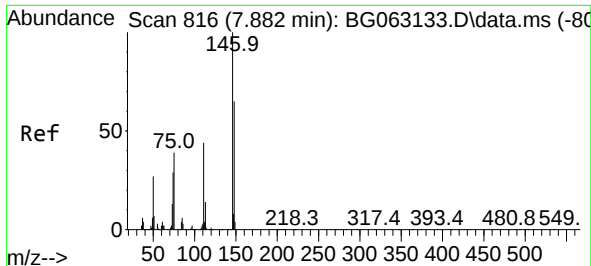
Tgt Ion: 93 Resp: 37569
Ion Ratio Lower Upper
93 100
63 82.0 77.5 117.5
95 28.8 16.5 56.5



#12
1,3-Dichlorobenzene
Concen: 3.686 ng
RT: 7.732 min Scan# 790
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:146 Resp: 42212
Ion Ratio Lower Upper
146 100
148 61.6 51.7 77.5
75 43.3 35.7 53.5

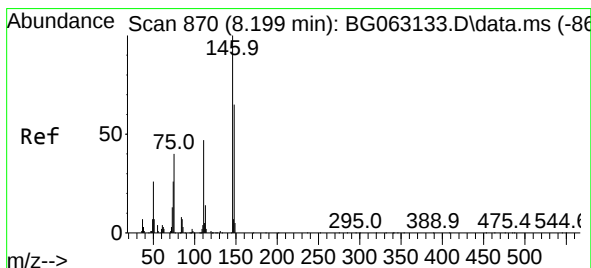
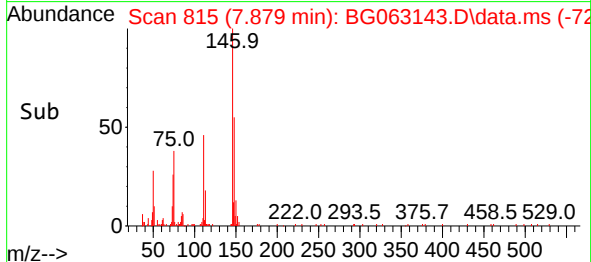
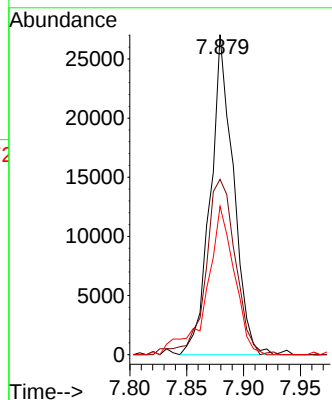
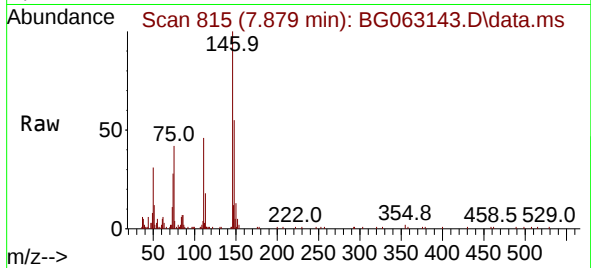




#13
1,4-Dichlorobenzene
Concen: 3.264 ng
RT: 7.879 min Scan# 816
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

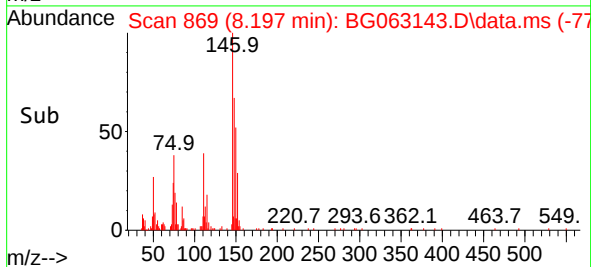
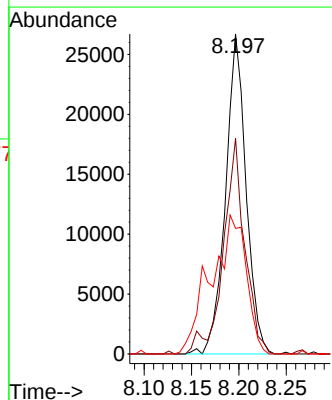
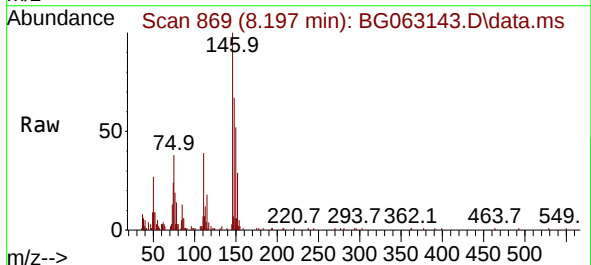
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

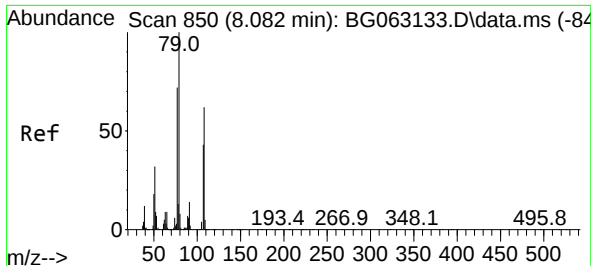
Tgt Ion:146 Resp: 38111
Ion Ratio Lower Upper
146 100
148 54.8 52.3 78.5
111 46.3 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 3.581 ng
RT: 8.197 min Scan# 869
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:146 Resp: 40303
Ion Ratio Lower Upper
146 100
148 67.4 52.3 78.5
111 39.2 38.5 57.7

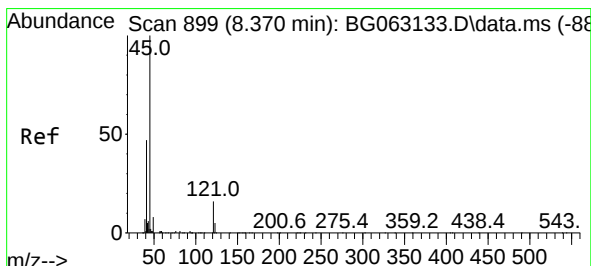
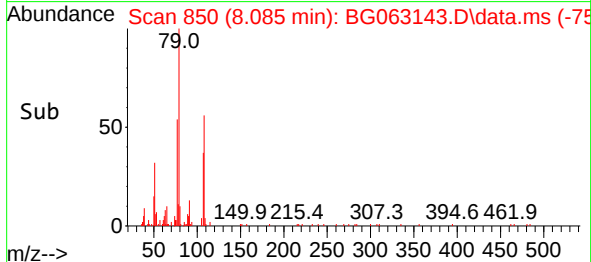
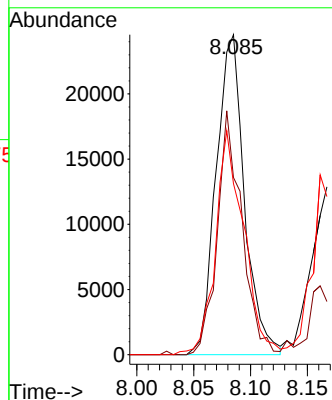
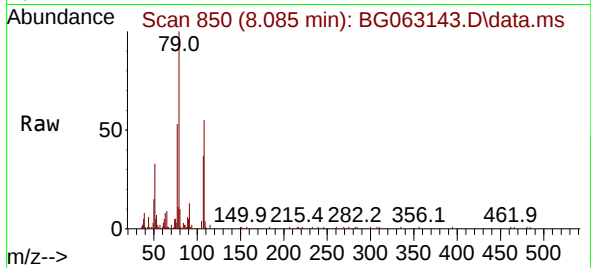




#15
Benzyl Alcohol
Concen: 3.967 ng
RT: 8.085 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

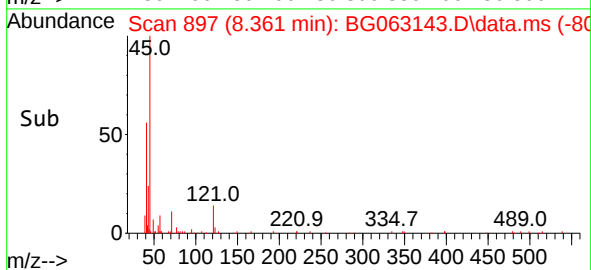
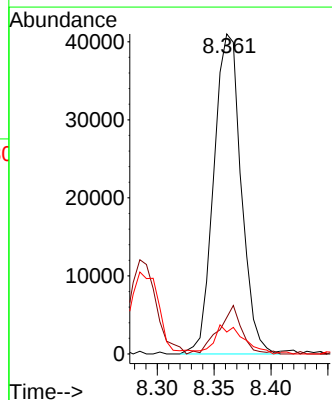
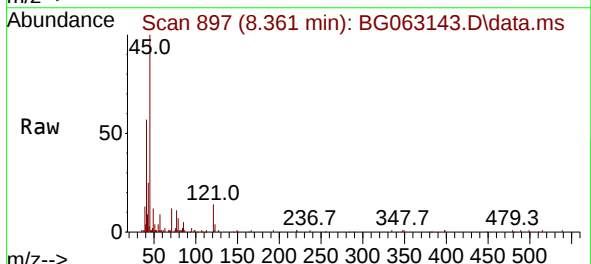
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

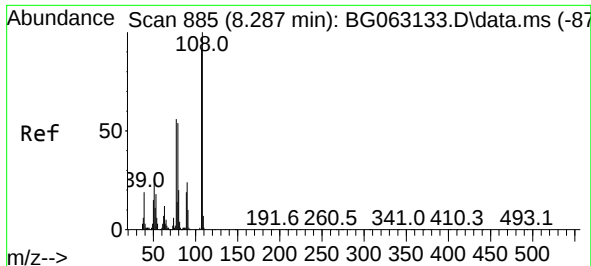
Tgt Ion: 79 Resp: 42463
Ion Ratio Lower Upper
79 100
108 55.4 49.5 74.3
77 53.5 57.6 86.4#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.942 ng
RT: 8.361 min Scan# 897
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 45 Resp: 68822
Ion Ratio Lower Upper
45 100
77 11.4 0.0 32.4
79 6.8 0.0 29.7

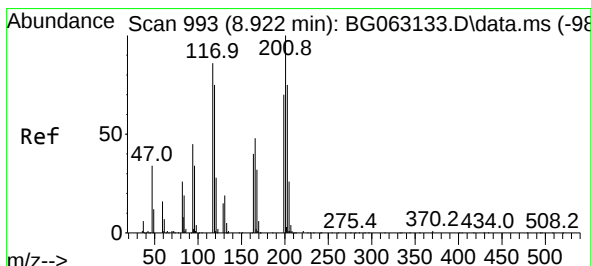
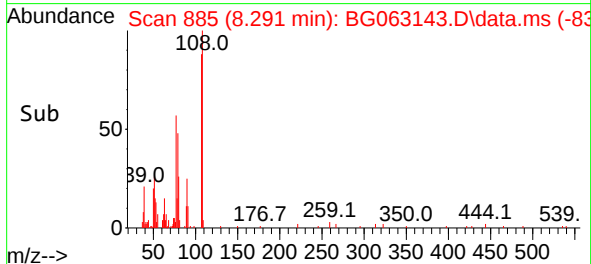
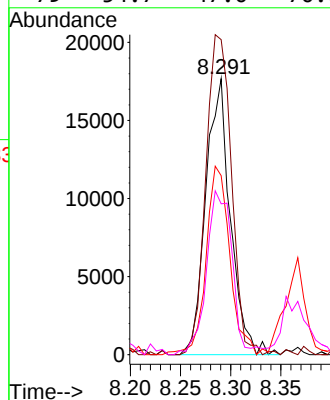
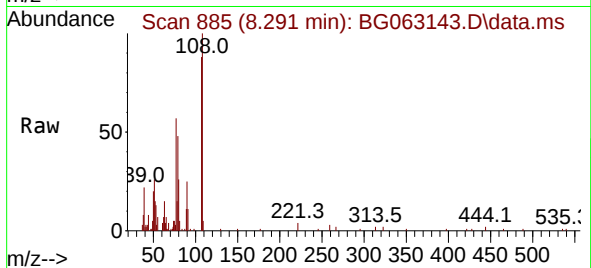




#17
2-Methylphenol
Concen: 3.321 ng
RT: 8.291 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

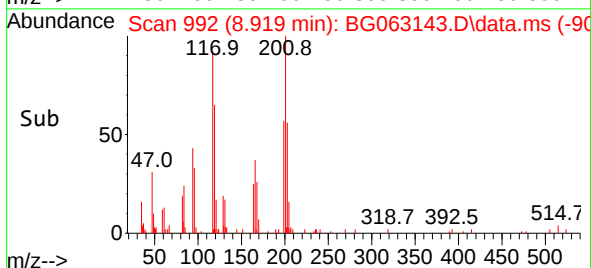
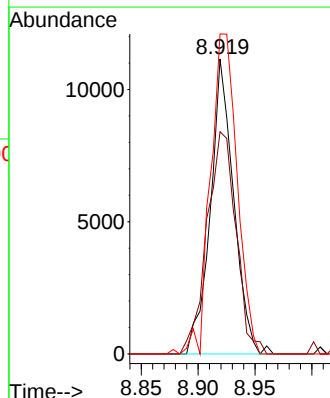
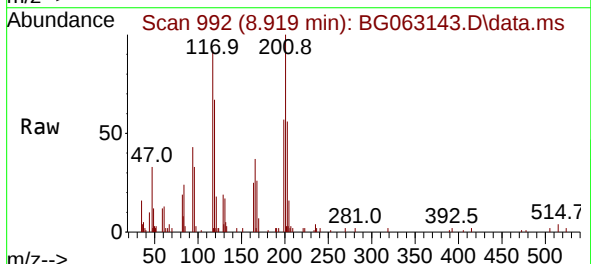
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

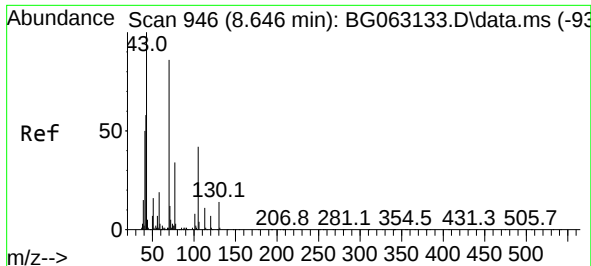
Tgt Ion:	107	Resp:	30143
Ion	Ratio	Lower	Upper
107	100		
108	114.1	87.1	130.7
77	64.8	48.9	73.3
79	54.7	47.0	70.6



#18
Hexachloroethane
Concen: 3.798 ng
RT: 8.919 min Scan# 992
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:	117	Resp:	15868
Ion	Ratio	Lower	Upper
117	100		
119	75.3	69.7	104.5
201	108.5	92.6	138.8

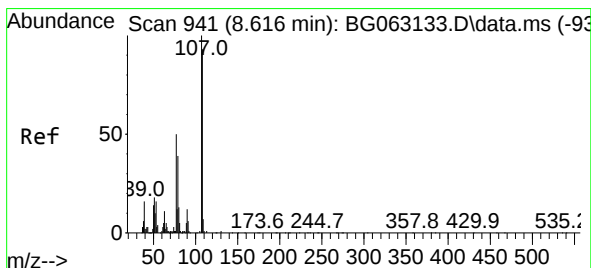
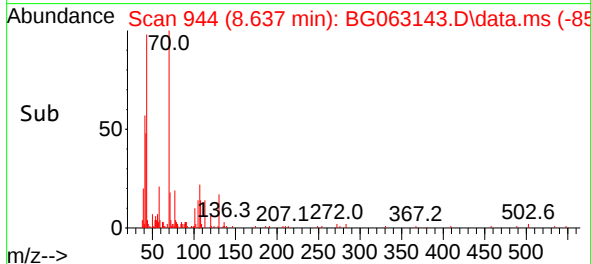
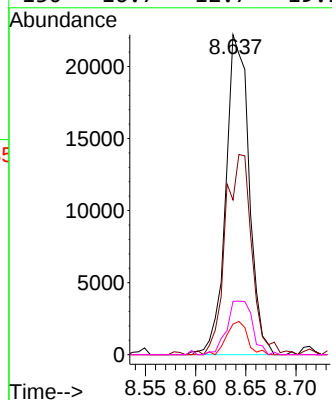
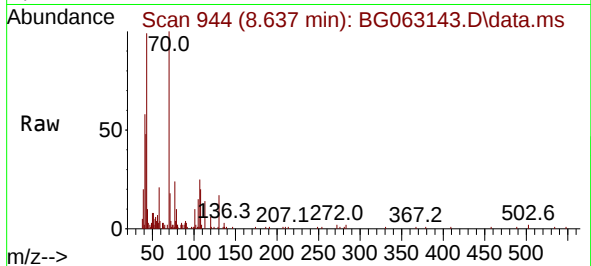




#19
n-Nitroso-di-n-propylamine
Concen: 3.855 ng
RT: 8.637 min Scan# 94
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

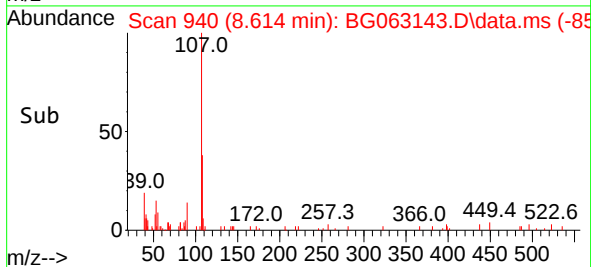
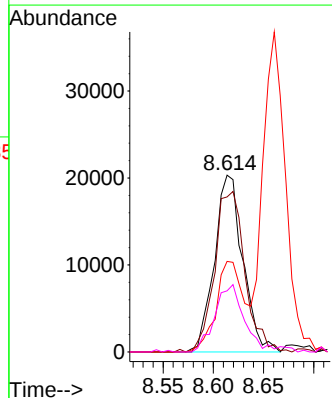
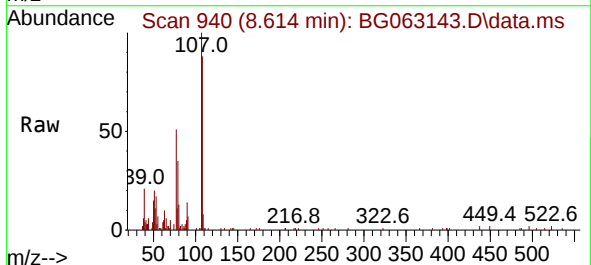
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

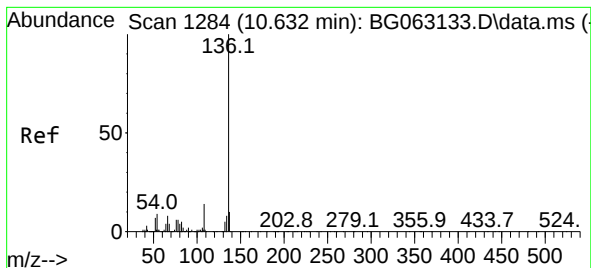
Tgt Ion: 70 Resp: 35763
Ion Ratio Lower Upper
70 100
42 48.4 54.2 81.2#
101 9.6 7.7 11.5
130 16.7 12.7 19.1



#20
3+4-Methylphenols
Concen: 3.303 ng
RT: 8.614 min Scan# 940
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 107 Resp: 39984
Ion Ratio Lower Upper
107 100
108 87.7 73.1 113.1
77 51.2 30.2 70.2
79 34.5 19.0 59.0

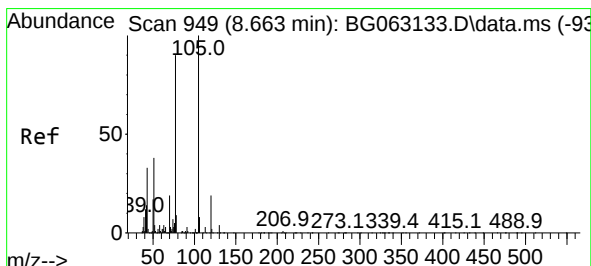
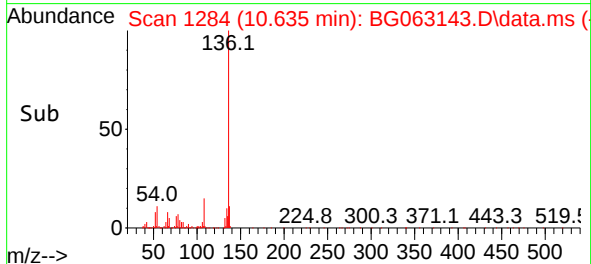
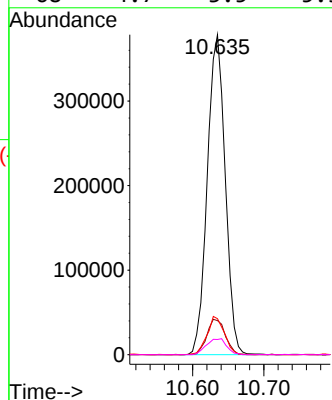
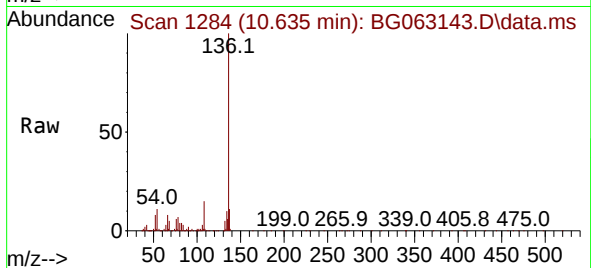




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.635 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

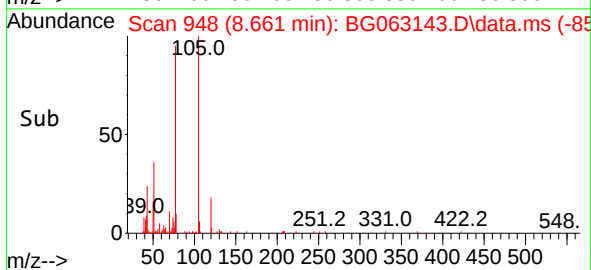
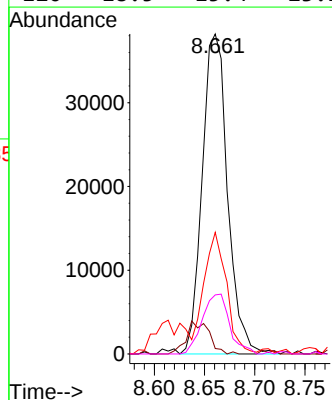
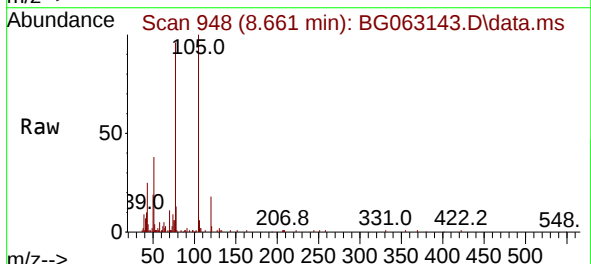
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

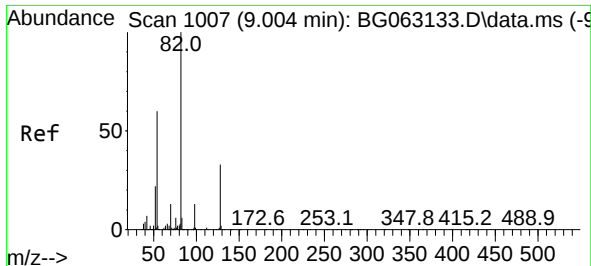
Tgt Ion:	136	Resp:	662569
Ion Ratio	Lower	Upper	
136	100		
137	10.7	7.8	11.6
54	11.3	7.3	10.9#
68	4.7	3.5	5.3



#22
Acetophenone
Concen: 3.786 ng
RT: 8.661 min Scan# 948
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:	105	Resp:	67225
Ion Ratio	Lower	Upper	
105	100		
71	1.7	2.3	3.5#
51	38.0	30.5	45.7
120	18.5	15.4	23.2

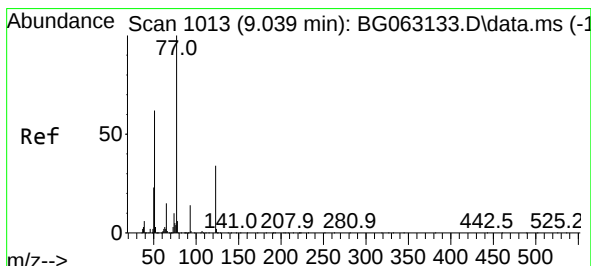
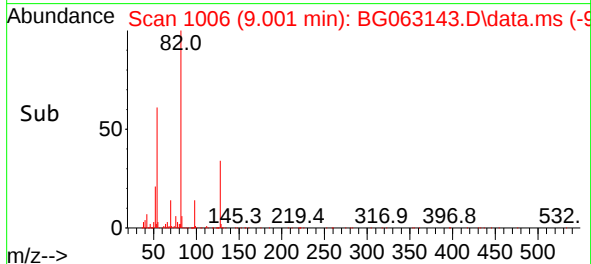
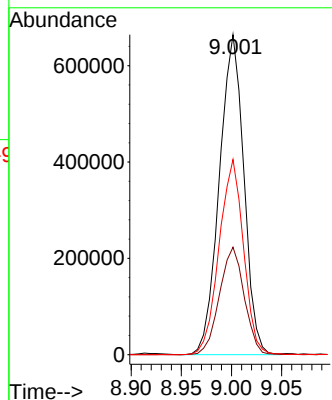
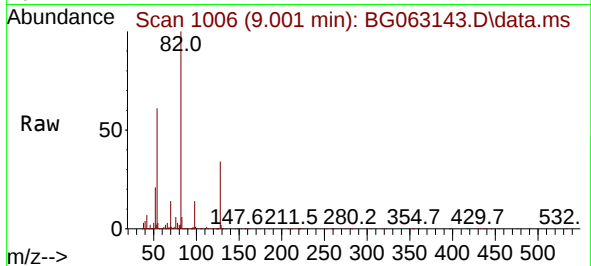




#23
Nitrobenzene-d5
Concen: 73.882 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

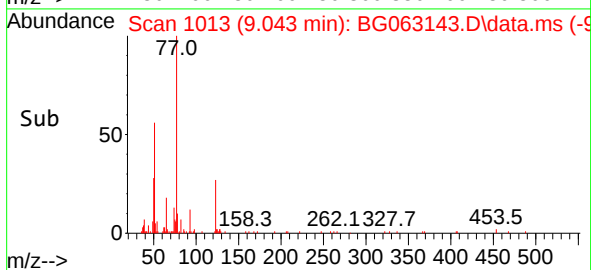
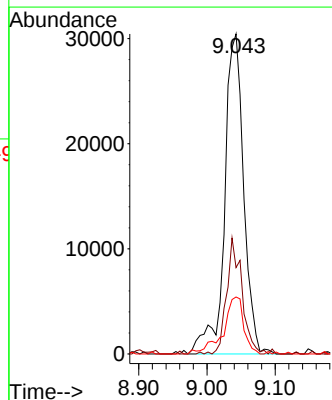
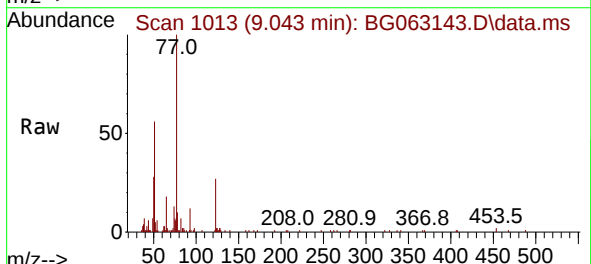
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

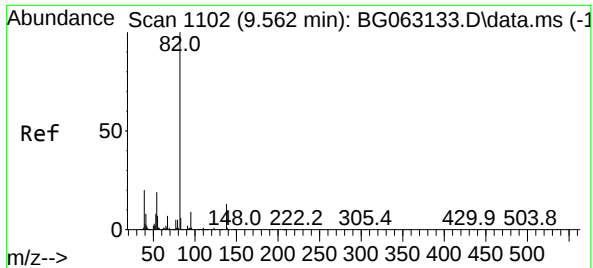
Tgt Ion: 82 Resp: 1125516
Ion Ratio Lower Upper
82 100
128 33.6 26.6 39.8
54 61.0 47.8 71.8



#24
Nitrobenzene
Concen: 3.617 ng
RT: 9.043 min Scan# 1013
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 77 Resp: 59589
Ion Ratio Lower Upper
77 100
123 27.0 26.9 40.3
65 17.8 12.3 18.5

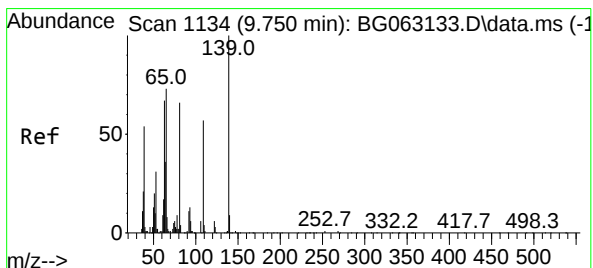
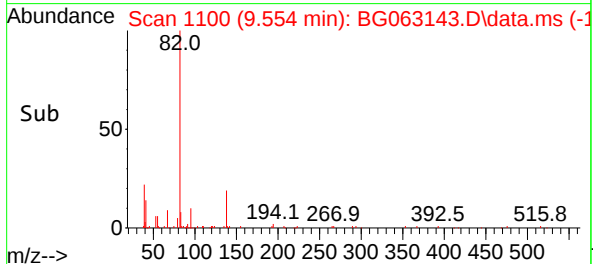
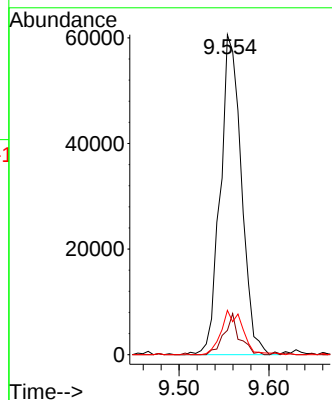
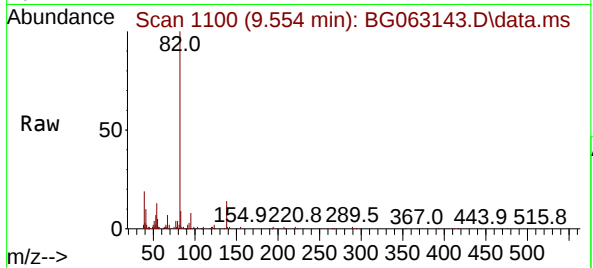




#25
Isophorone
Concen: 3.760 ng
RT: 9.554 min Scan# 1100
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

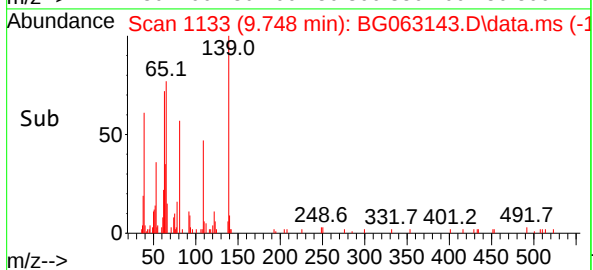
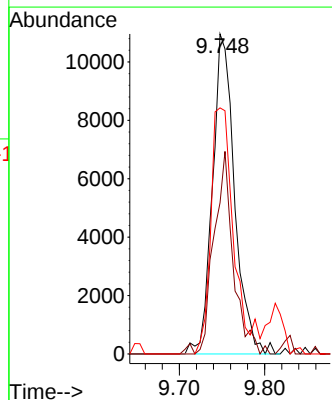
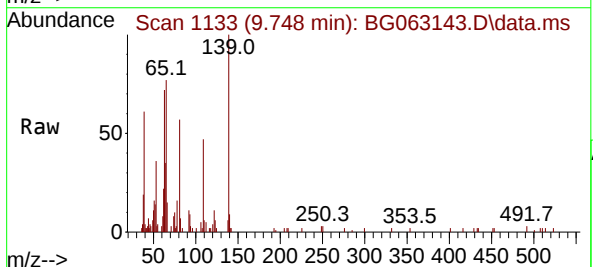
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

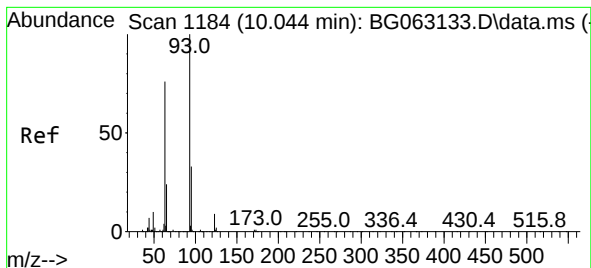
Tgt Ion: 82 Resp: 99085
Ion Ratio Lower Upper
82 100
95 7.6 7.4 11.0
138 13.9 10.3 15.5



#26
2-Nitrophenol
Concen: 3.263 ng
RT: 9.748 min Scan# 1133
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 139 Resp: 19766
Ion Ratio Lower Upper
139 100
109 47.2 45.4 68.0
65 76.9 58.4 87.6

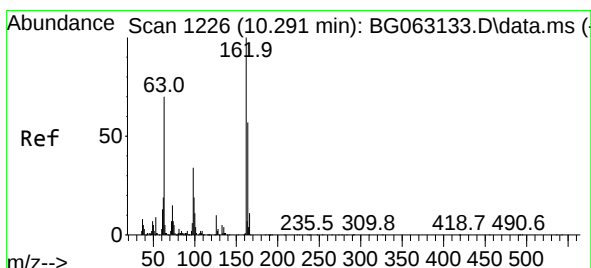
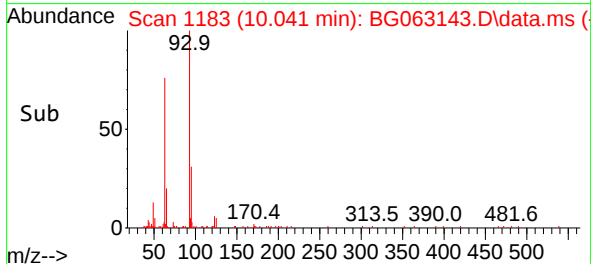
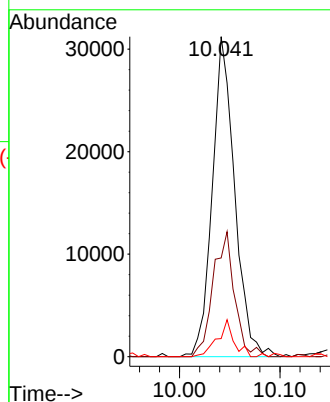
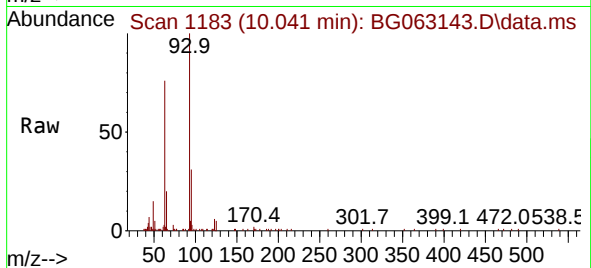




#28
bis(2-Chloroethoxy)methane
Concen: 3.496 ng
RT: 10.041 min Scan# 1184
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

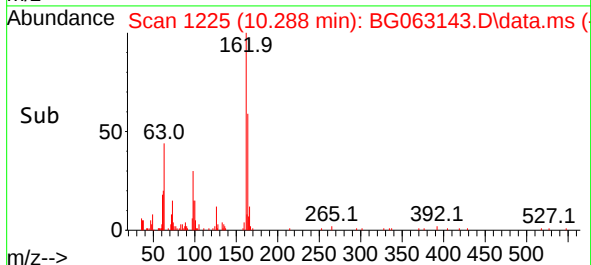
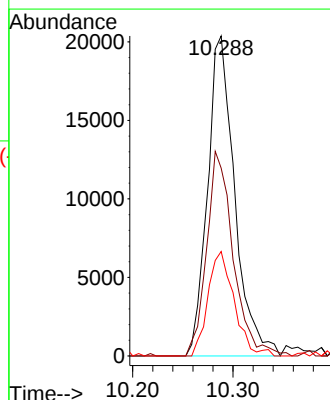
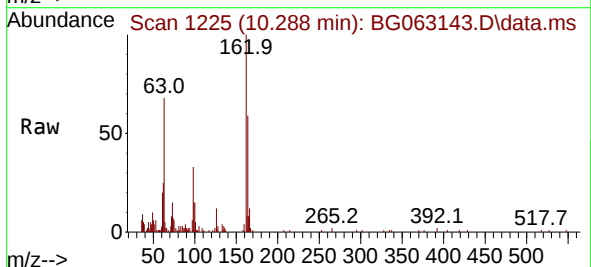
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

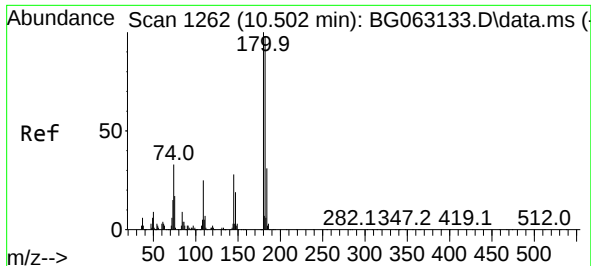
Tgt Ion: 93 Resp: 48301
Ion Ratio Lower Upper
93 100
95 30.9 26.1 39.1
123 5.7 7.6 11.4#



#29
2,4-Dichlorophenol
Concen: 3.406 ng
RT: 10.288 min Scan# 1225
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 162 Resp: 38317
Ion Ratio Lower Upper
162 100
164 58.7 37.2 77.2
98 32.7 14.0 54.0

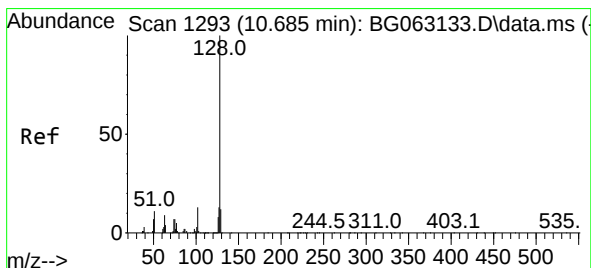
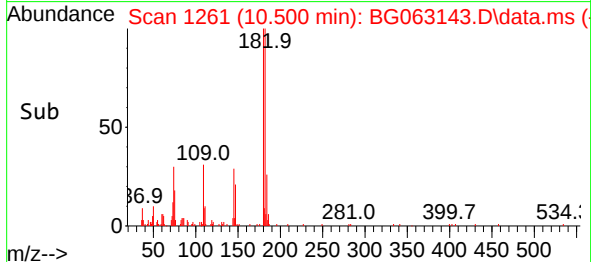
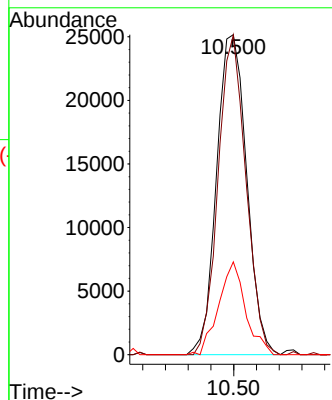
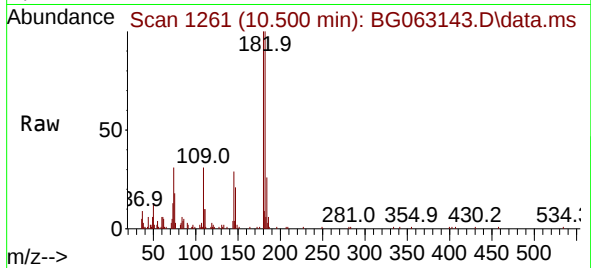




#30
1,2,4-Trichlorobenzene
Concen: 3.339 ng
RT: 10.500 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

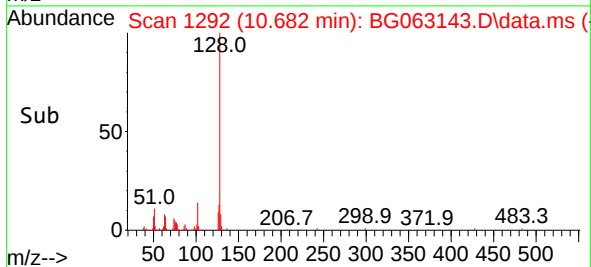
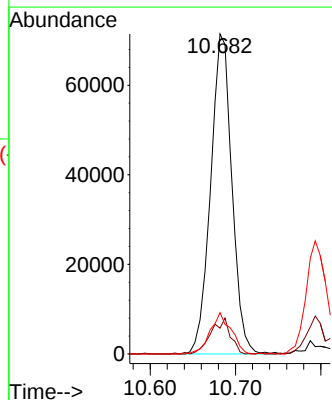
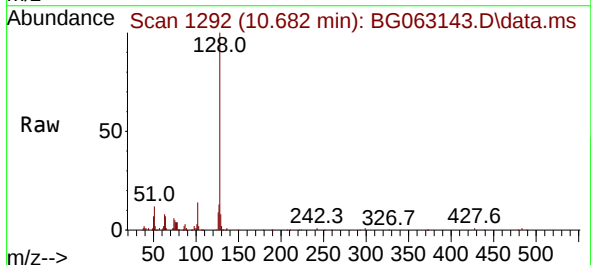
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

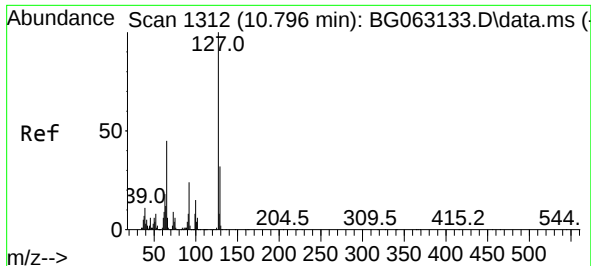
Tgt Ion:180 Resp: 46197
Ion Ratio Lower Upper
180 100
182 99.9 78.5 117.7
145 29.0 22.6 34.0



#31
Naphthalene
Concen: 3.541 ng
RT: 10.682 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:128 Resp: 123754
Ion Ratio Lower Upper
128 100
129 8.1 9.5 14.3#
127 12.9 10.7 16.1

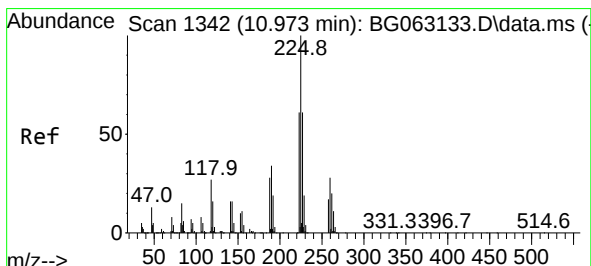
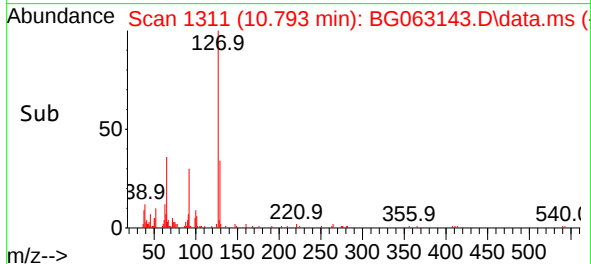
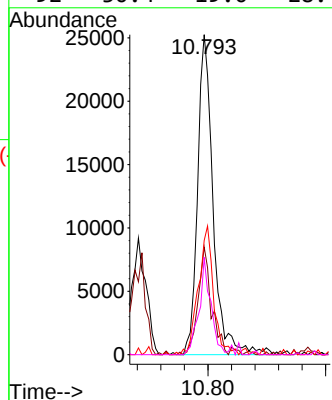
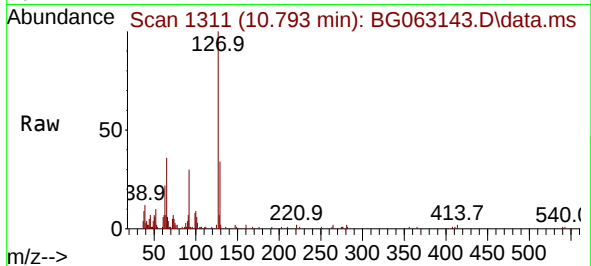




#33
4-Chloroaniline
Concen: 3.938 ng
RT: 10.793 min Scan# 1311
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

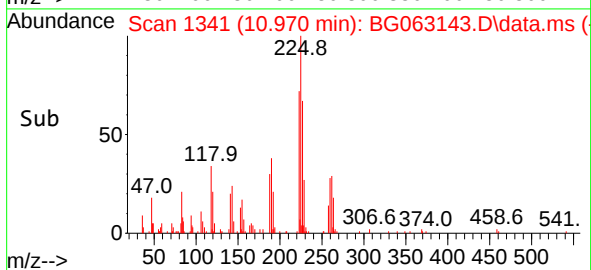
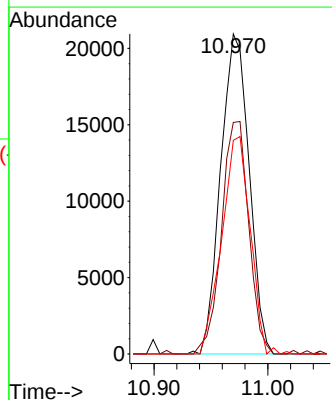
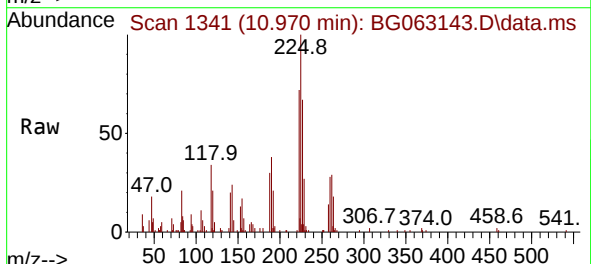
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

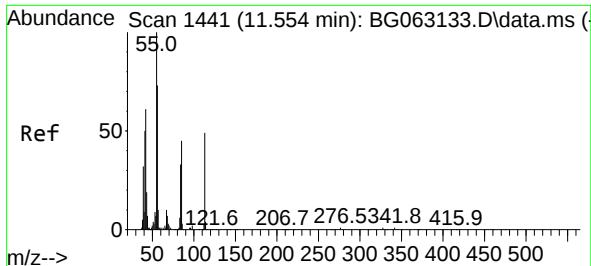
Tgt Ion:127	Resp: 46448
Ion Ratio	Lower Upper
127 100	
129 33.6	25.6 38.4
65 35.7	36.4 54.6#
92 30.4	19.0 28.4#



#34
Hexachlorobutadiene
Concen: 3.201 ng
RT: 10.970 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt	Ion:225	Resp:	36453
Ion	Ratio	Lower	Upper
225	100		
223	72.3	46.2	69.4#
227	70.9	46.2	69.4#

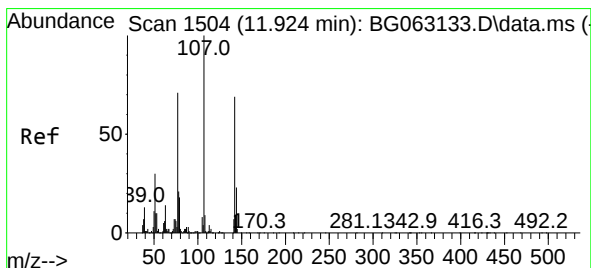
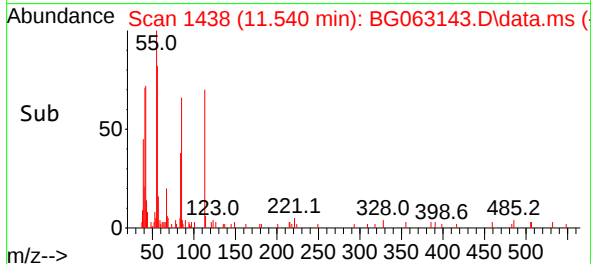
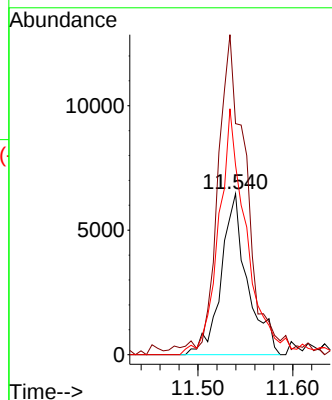
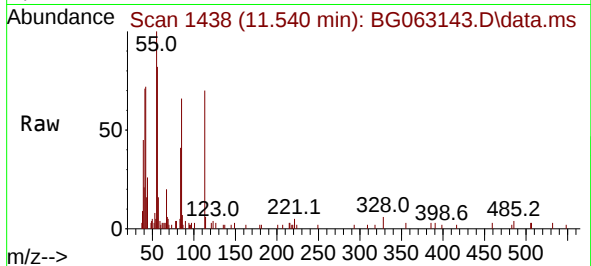




#35
Caprolactam
Concen: 3.454 ng
RT: 11.540 min Scan# 1441
Delta R.T. -0.014 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

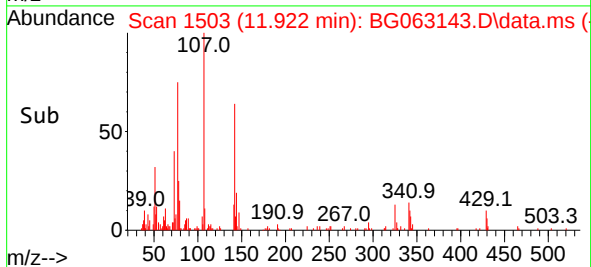
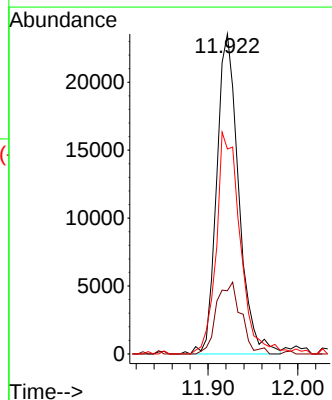
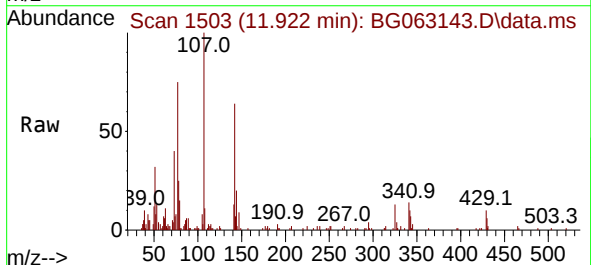
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

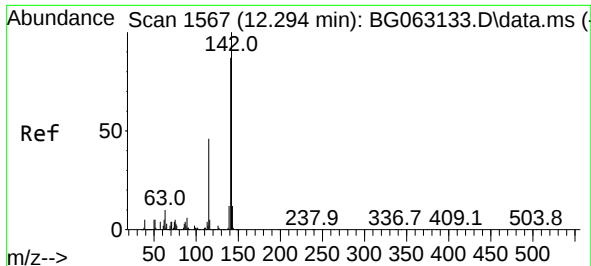
Tgt Ion:113 Resp: 12409
Ion Ratio Lower Upper
113 100
55 143.5 187.0 227.0#
56 117.7 130.9 170.9#



#36
4-Chloro-3-methylphenol
Concen: 3.088 ng
RT: 11.922 min Scan# 1503
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:107 Resp: 40024
Ion Ratio Lower Upper
107 100
144 19.7 18.5 27.7
142 64.1 55.0 82.4

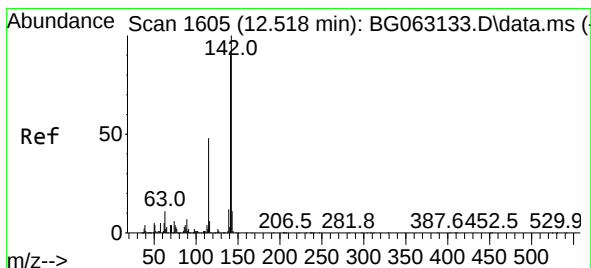
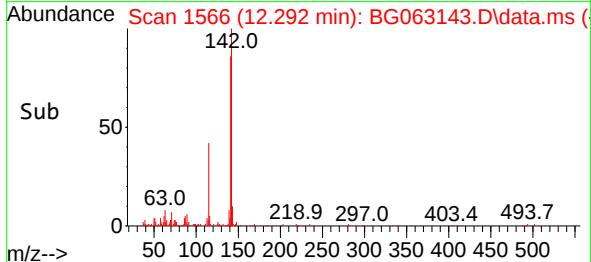
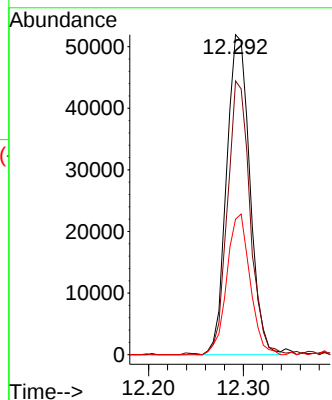
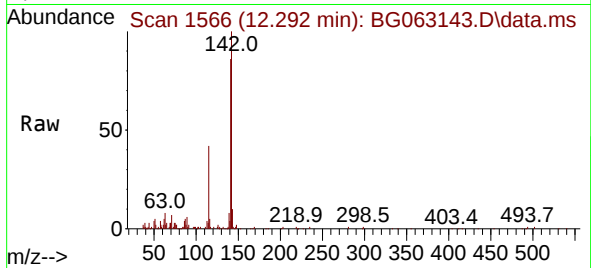




#37
2-Methylnaphthalene
Concen: 3.566 ng
RT: 12.292 min Scan# 1566
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

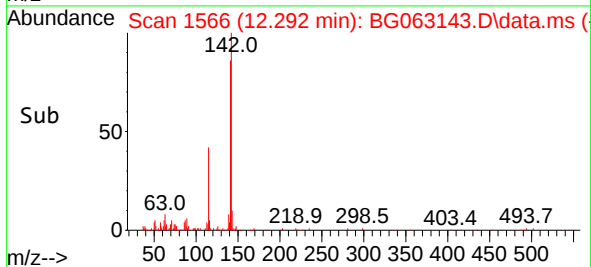
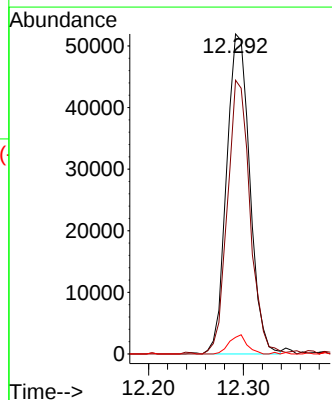
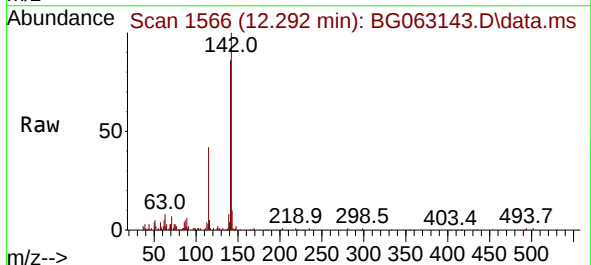
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

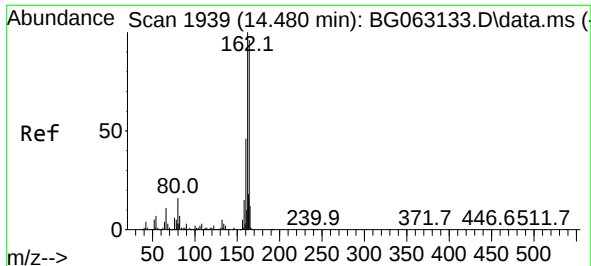
Tgt Ion:142 Resp: 88403
Ion Ratio Lower Upper
142 100
141 85.6 69.2 103.8
115 42.3 36.6 54.8



#38
1-Methylnaphthalene
Concen: 3.622 ng
RT: 12.292 min Scan# 1566
Delta R.T. -0.226 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:142 Resp: 88403
Ion Ratio Lower Upper
142 100
141 85.6 72.2 108.4
116 5.2 4.5 6.7

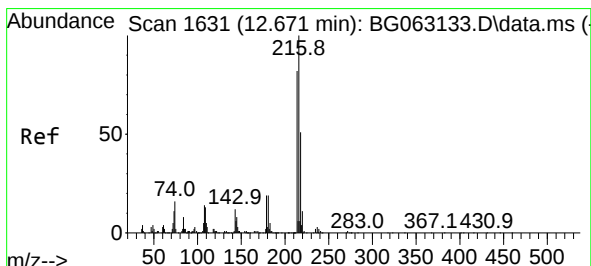
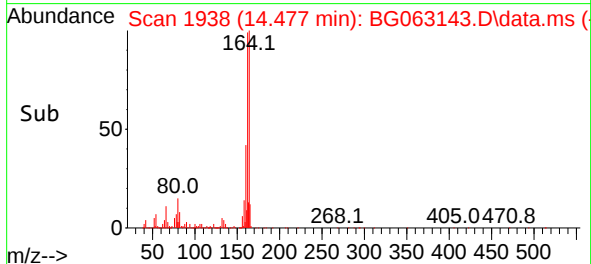
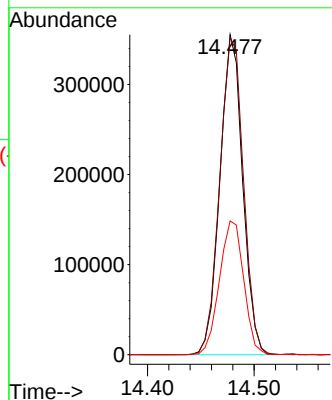
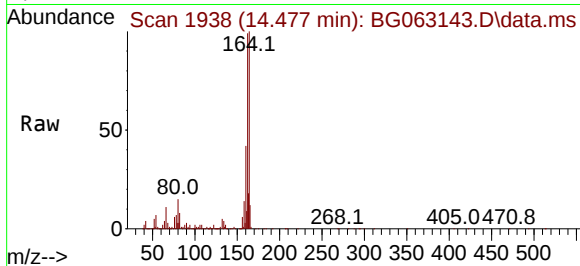




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

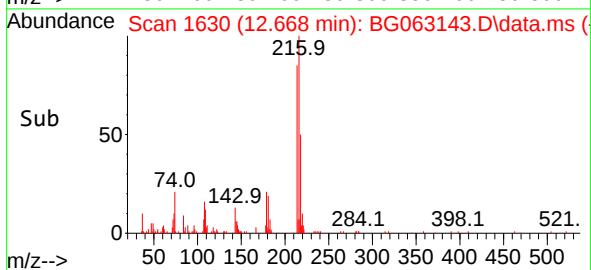
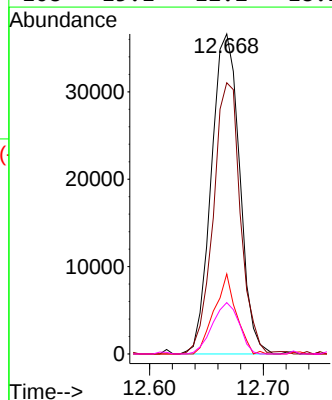
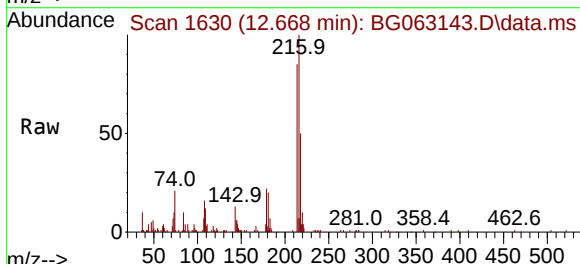
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

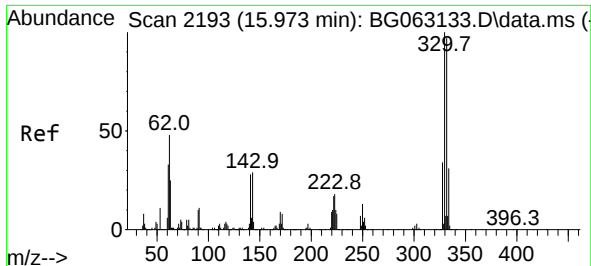
Tgt Ion:164 Resp: 525582
Ion Ratio Lower Upper
164 100
162 99.1 83.4 125.0
160 41.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.351 ng
RT: 12.668 min Scan# 1630
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:216 Resp: 63290
Ion Ratio Lower Upper
216 100
214 81.6 63.8 95.6
179 19.3 15.7 23.5
108 15.1 12.2 18.2

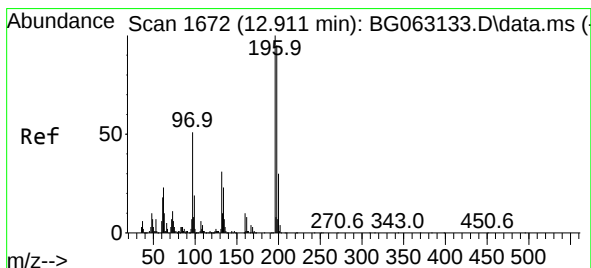
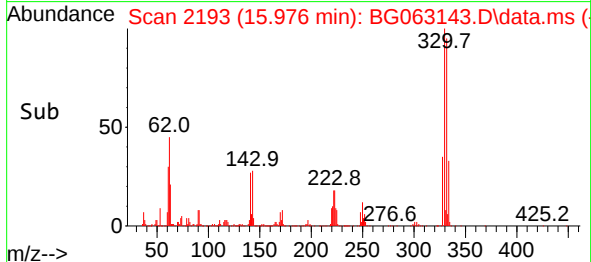
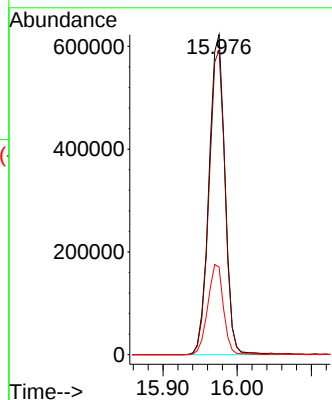
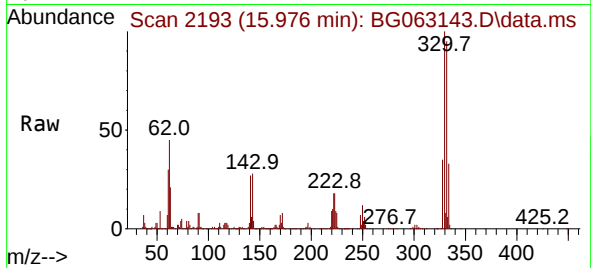




#42
2,4,6-Tribromophenol
Concen: 104.321 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

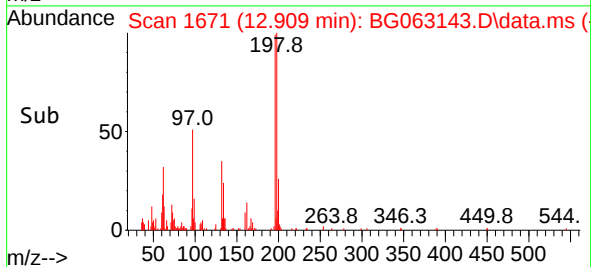
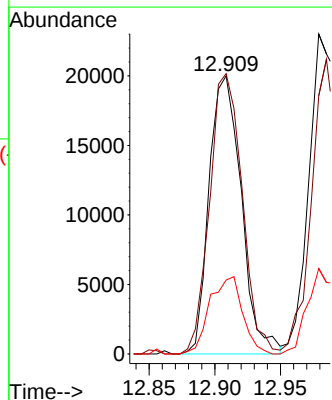
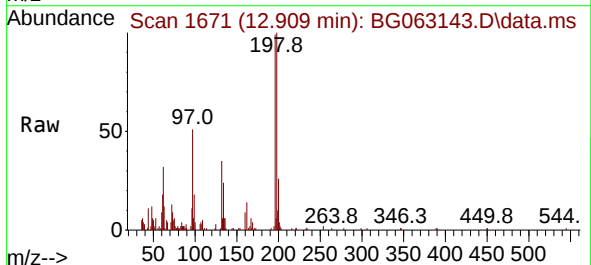
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

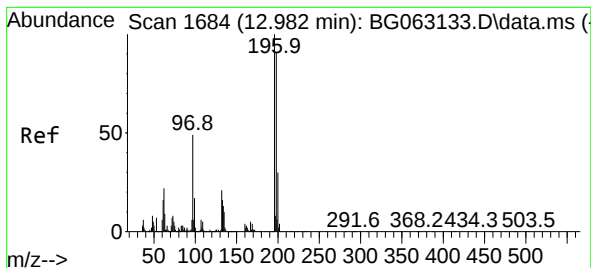
Tgt Ion:330 Resp: 931355
Ion Ratio Lower Upper
330 100
332 95.6 78.6 117.8
141 27.7 22.6 34.0



#43
2,4,6-Trichlorophenol
Concen: 3.019 ng
RT: 12.909 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:196 Resp: 34142
Ion Ratio Lower Upper
196 100
198 100.8 76.2 114.2
200 26.6 23.8 35.8





#44

2,4,5-Trichlorophenol

Concen: 3.349 ng

RT: 12.979 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:196 Resp: 41632

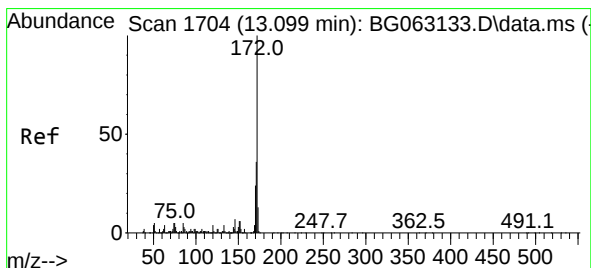
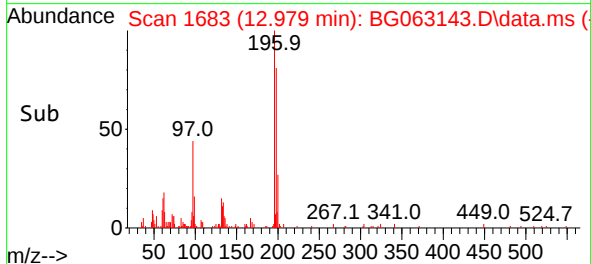
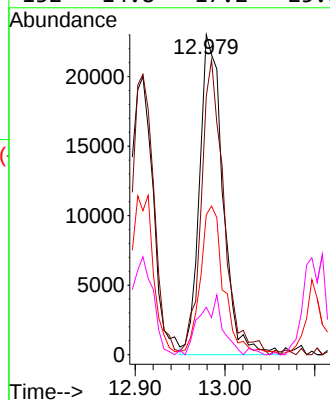
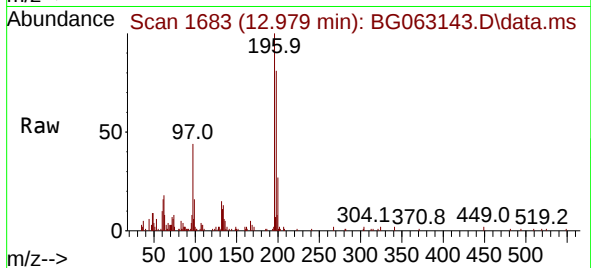
Ion Ratio Lower Upper

196 100

198 80.7 73.2 109.8

97 43.7 39.1 58.7

132 14.8 17.2 25.8#



#45

2-Fluorobiphenyl

Concen: 68.617 ng

RT: 13.097 min Scan# 1703

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

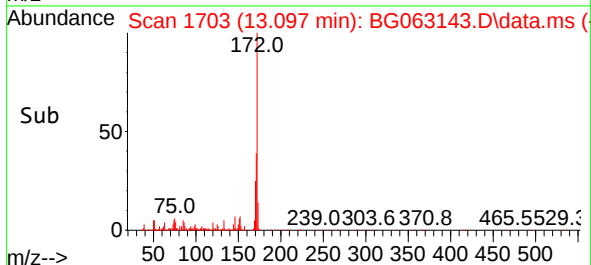
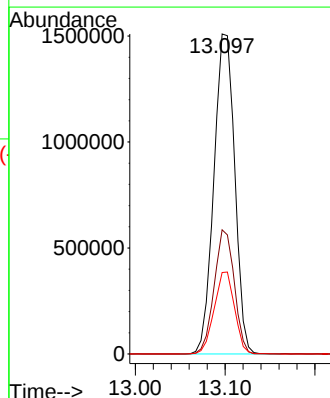
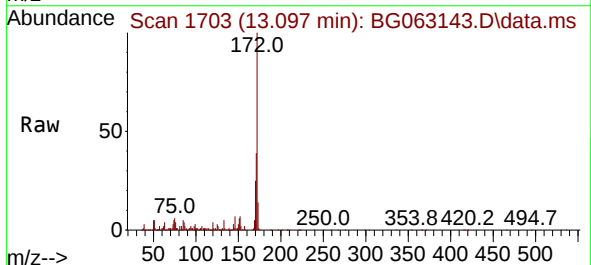
Tgt Ion:172 Resp: 2434909

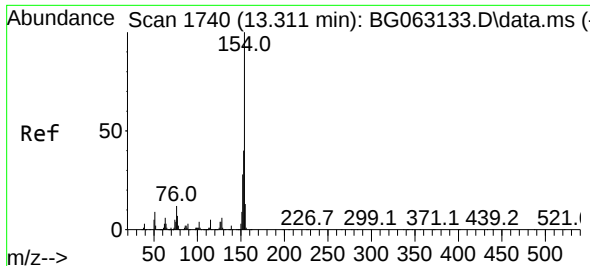
Ion Ratio Lower Upper

172 100

171 38.8 28.6 42.8

170 25.5 19.4 29.2

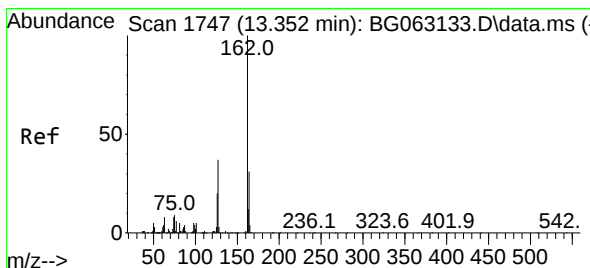
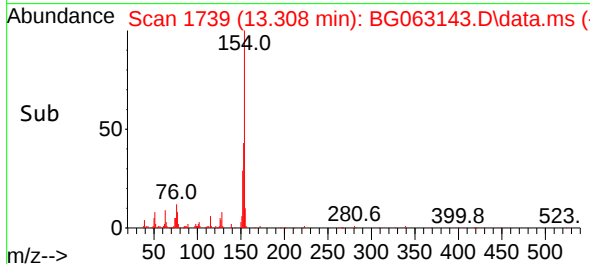
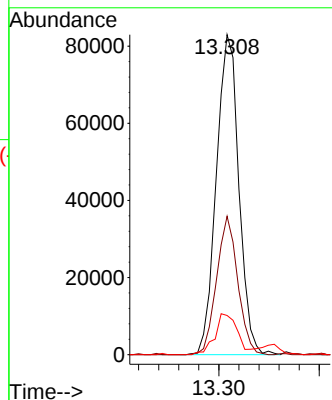
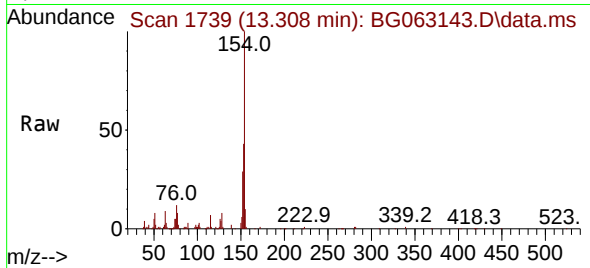




#46
1,1'-Biphenyl
Concen: 3.612 ng
RT: 13.308 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

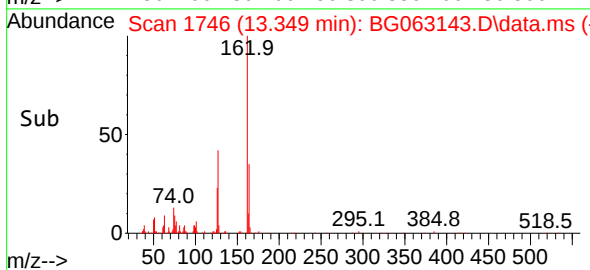
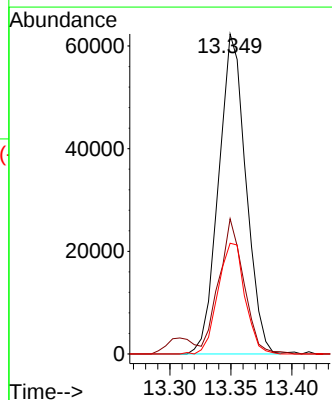
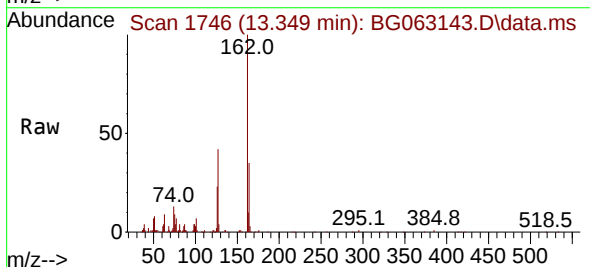
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

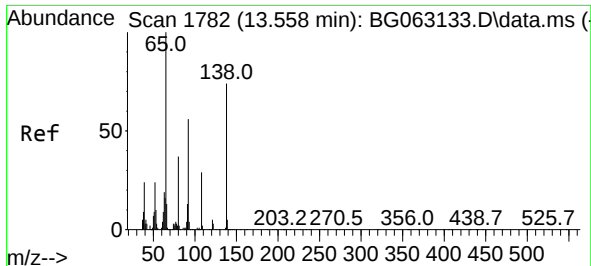
Tgt Ion:154 Resp: 128844
Ion Ratio Lower Upper
154 100
153 43.2 20.3 60.3
76 12.2 0.0 32.5



#47
2-Chloronaphthalene
Concen: 3.249 ng
RT: 13.349 min Scan# 1746
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:162 Resp: 97073
Ion Ratio Lower Upper
162 100
127 42.3 30.3 45.5
164 34.6 24.6 36.8

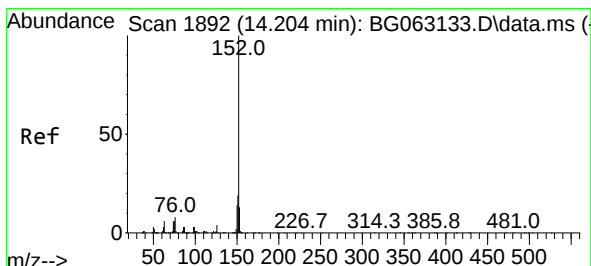
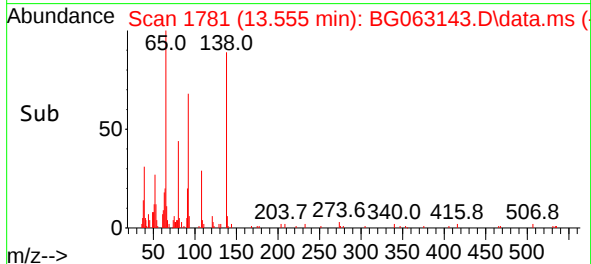
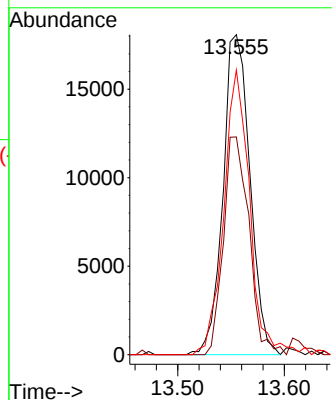
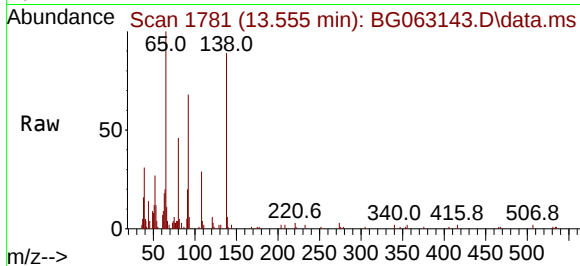




#48
2-Nitroaniline
Concen: 3.032 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

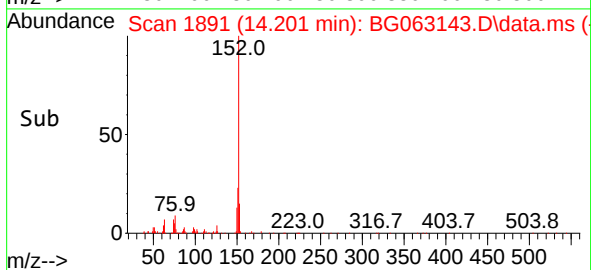
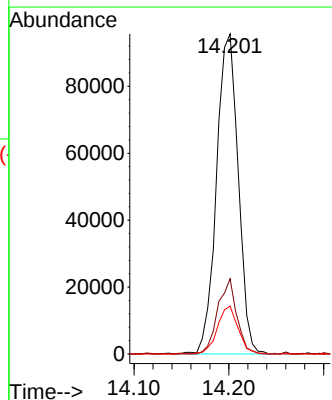
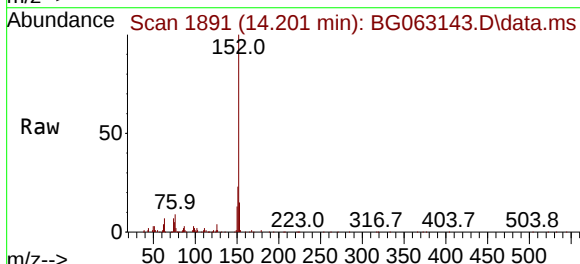
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

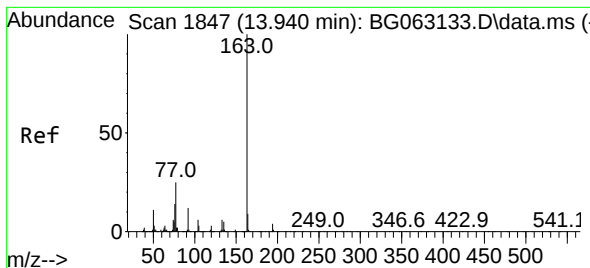
Tgt Ion: 65 Resp: 31792
Ion Ratio Lower Upper
65 100
92 68.1 44.6 66.8#
138 88.9 59.0 88.4#



#49
Acenaphthylene
Concen: 3.612 ng
RT: 14.201 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion: 152 Resp: 152325
Ion Ratio Lower Upper
152 100
151 23.5 15.0 22.4#
153 15.0 10.1 15.1





#50

Dimethylphthalate

Concen: 3.297 ng

RT: 13.931 min Scan# 1845

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

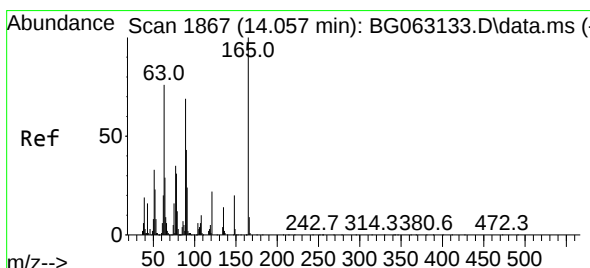
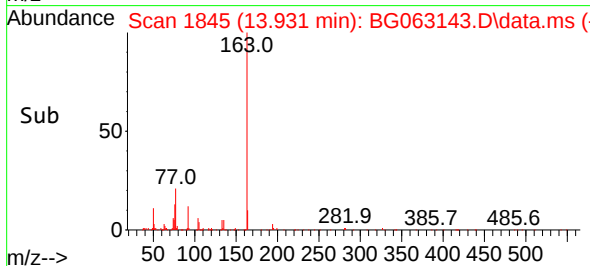
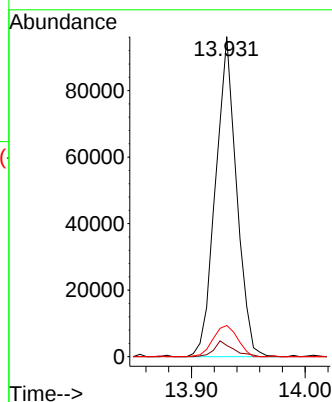
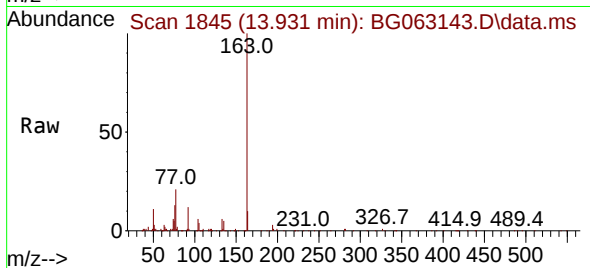
Tgt Ion:163 Resp: 123495

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

164 9.7 7.0 10.6



#51

2,6-Dinitrotoluene

Concen: 3.382 ng

RT: 14.048 min Scan# 1865

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

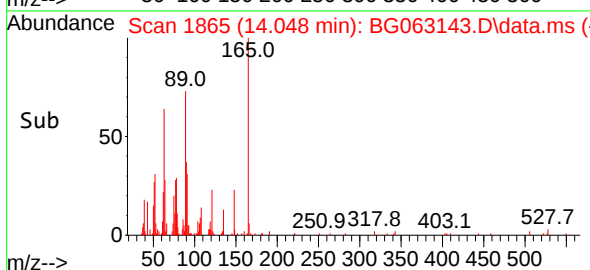
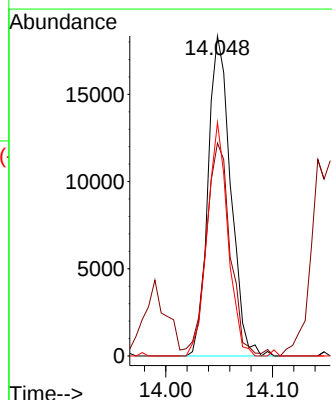
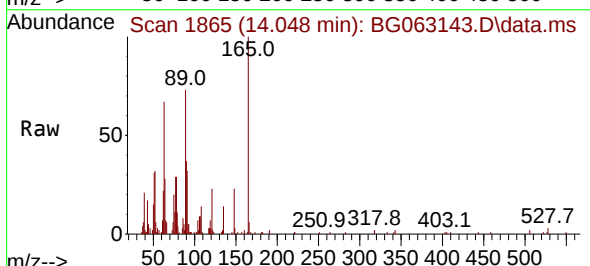
Tgt Ion:165 Resp: 27045

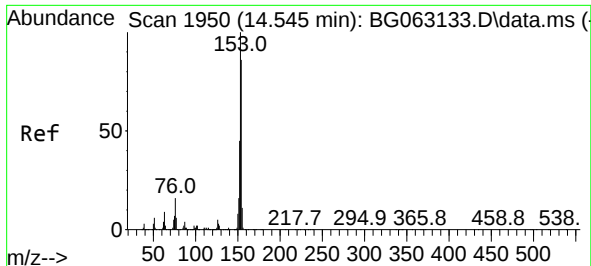
Ion Ratio Lower Upper

165 100

63 66.5 63.8 95.8

89 73.0 55.1 82.7

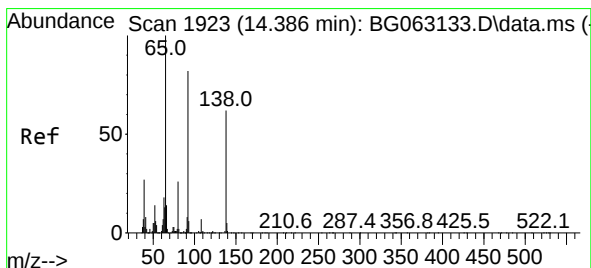
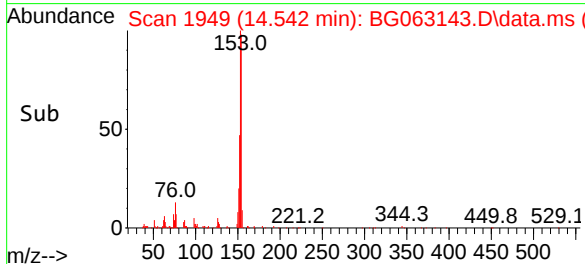
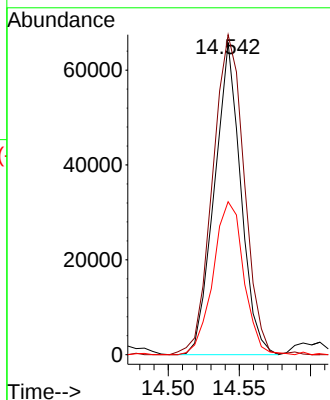
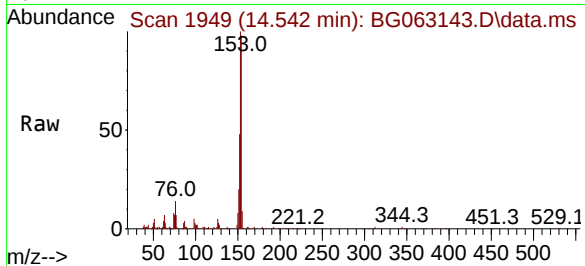




#52
Acenaphthene
Concen: 3.257 ng
RT: 14.542 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

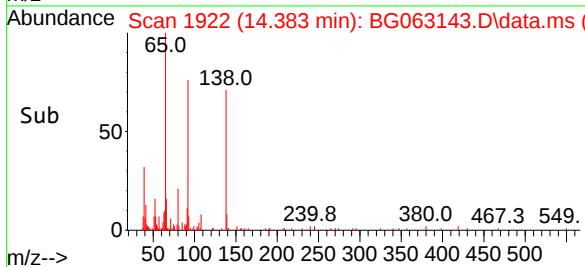
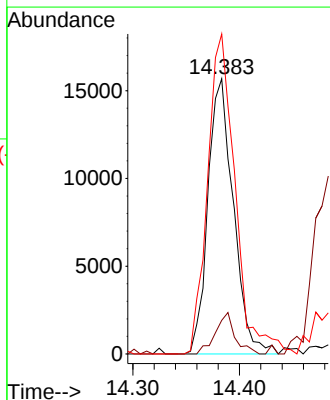
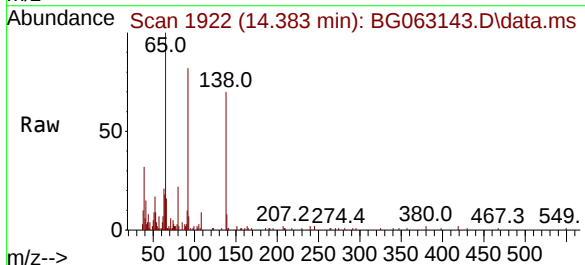
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

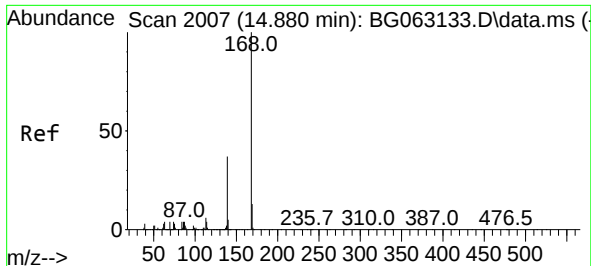
Tgt Ion:154 Resp: 85046
Ion Ratio Lower Upper
154 100
153 102.5 93.1 139.7
152 49.0 42.2 63.2



#53
3-Nitroaniline
Concen: 3.436 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:138 Resp: 26091
Ion Ratio Lower Upper
138 100
108 12.2 9.4 14.0
92 116.3 106.2 159.2

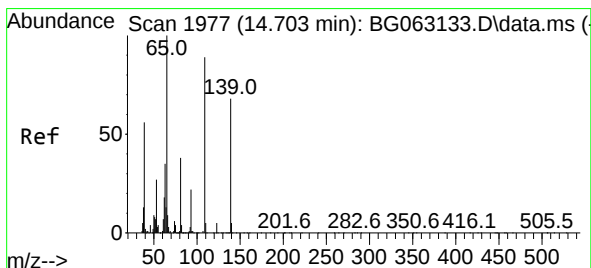
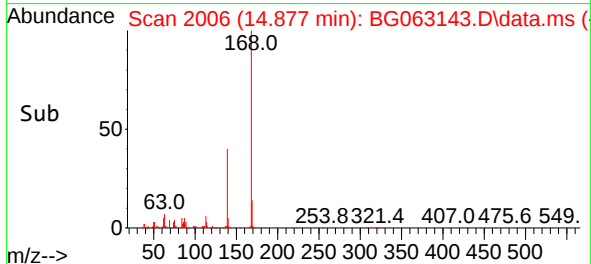
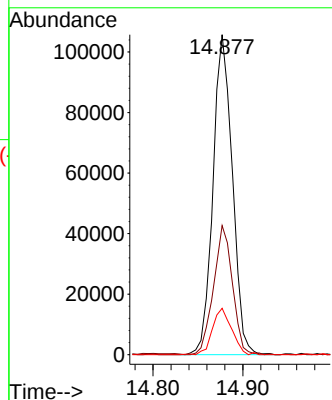
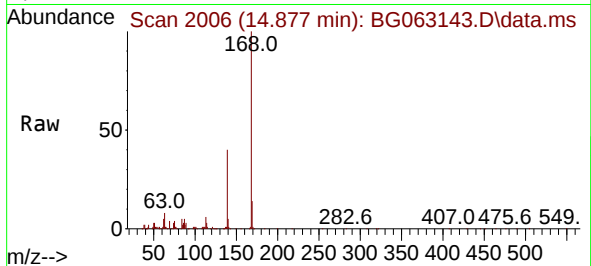




#55
Dibenzenofuran
Concen: 3.435 ng
RT: 14.877 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

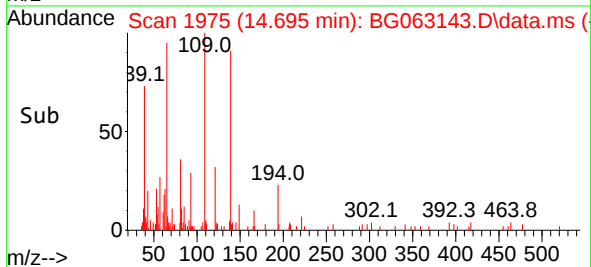
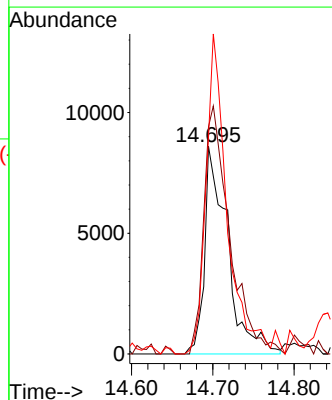
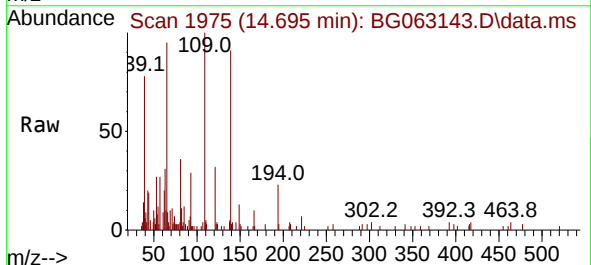
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

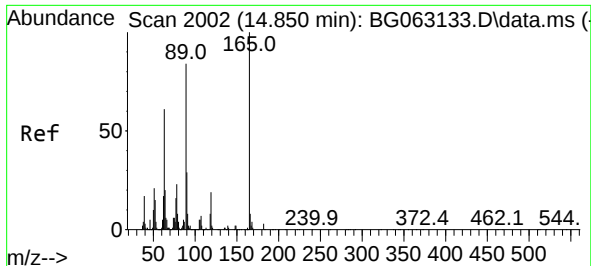
Tgt Ion:168 Resp: 158167
Ion Ratio Lower Upper
168 100
139 40.4 29.9 44.9
169 14.5 10.4 15.6



#56
4-Nitrophenol
Concen: 2.966 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:139 Resp: 17053
Ion Ratio Lower Upper
139 100
109 109.6 112.0 152.0#
65 104.6 127.6 167.6#





#57

2,4-Dinitrotoluene

Concen: 3.251 ng

RT: 14.848 min Scan# 2002

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:165 Resp: 37188

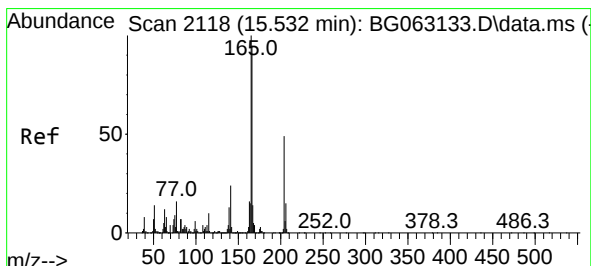
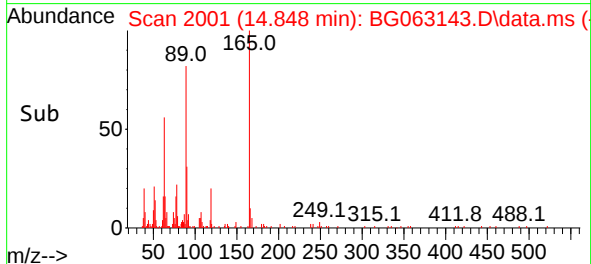
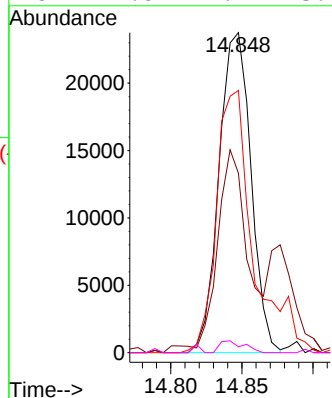
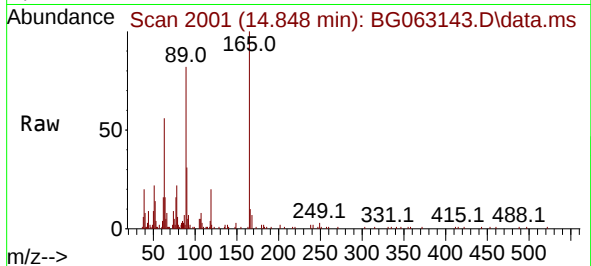
Ion Ratio Lower Upper

165 100

63 56.0 49.0 73.4

89 82.0 67.4 101.0

182 1.8 2.2 3.4#



#58

Fluorene

Concen: 3.281 ng

RT: 15.529 min Scan# 2117

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

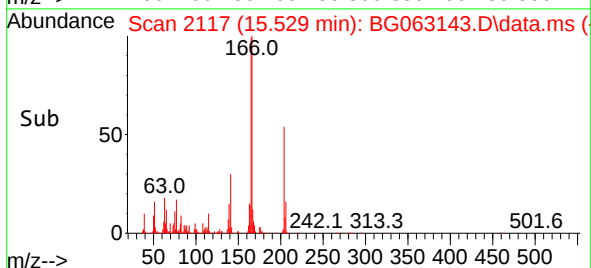
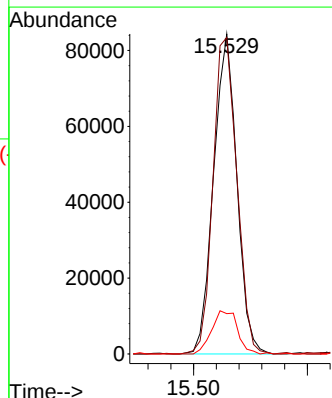
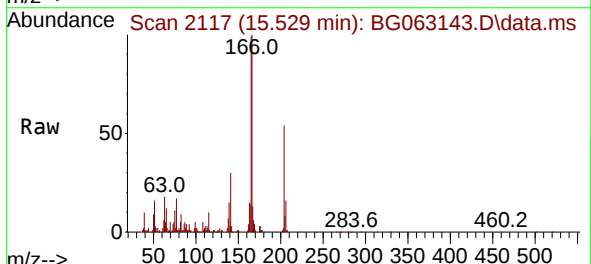
Tgt Ion:166 Resp: 119723

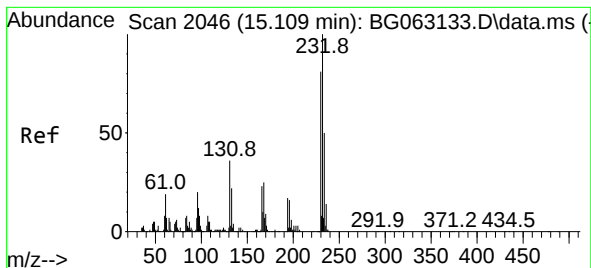
Ion Ratio Lower Upper

166 100

165 98.9 84.1 126.1

167 12.6 11.6 17.4

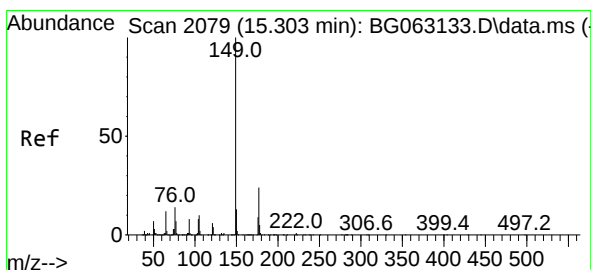
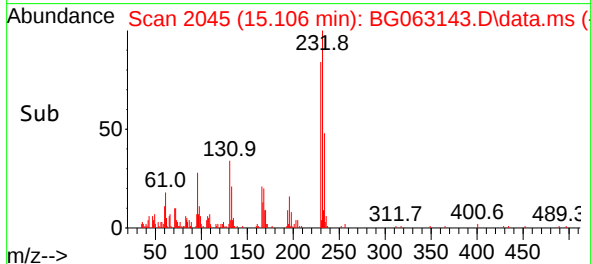
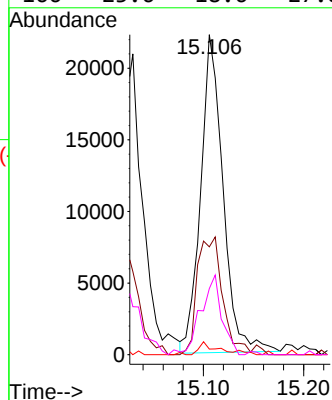
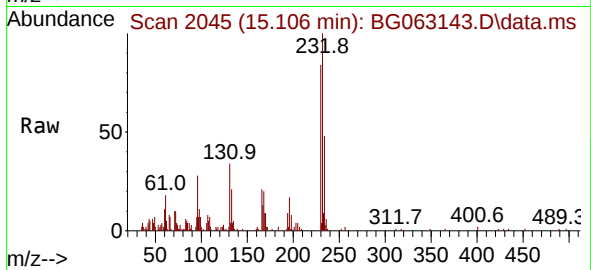




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.888 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

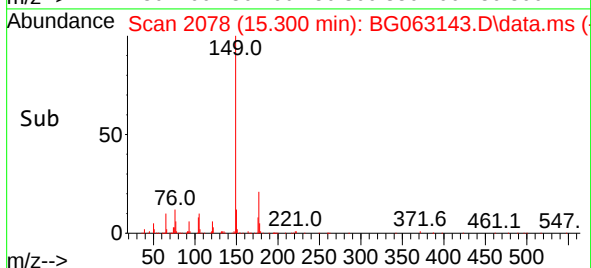
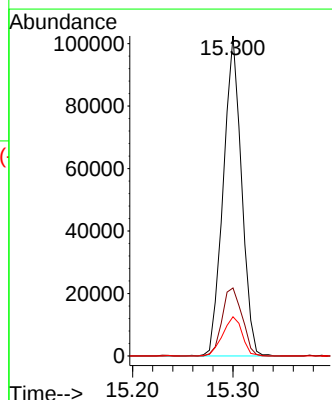
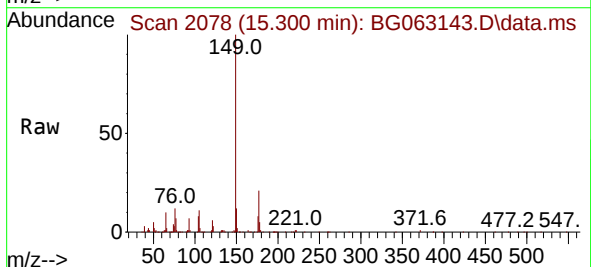
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

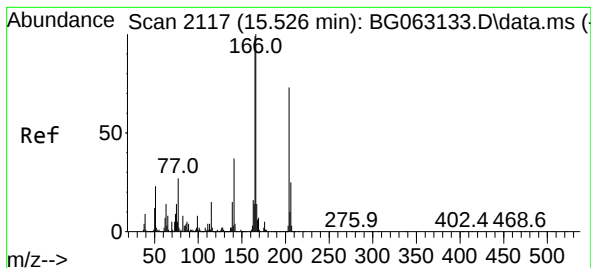
Tgt Ion:232 Resp: 34455
Ion Ratio Lower Upper
232 100
131 42.9 26.8 40.2#
130 2.9 1.8 2.8#
166 23.6 18.6 27.8



#60
Diethylphthalate
Concen: 3.354 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:149 Resp: 129011
Ion Ratio Lower Upper
149 100
177 21.2 18.8 28.2
150 12.3 10.2 15.4

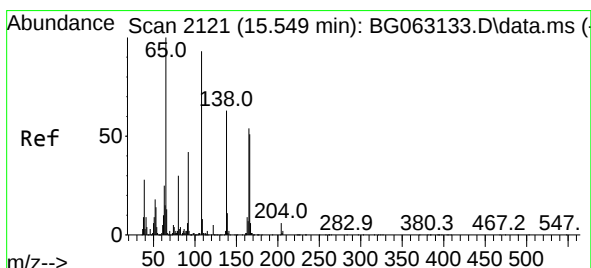
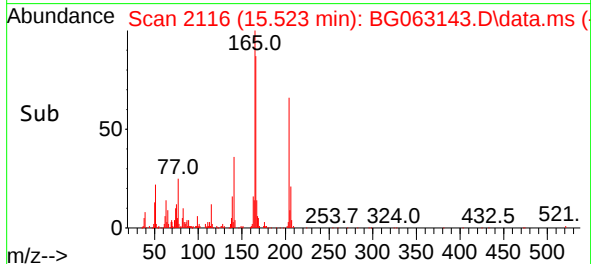
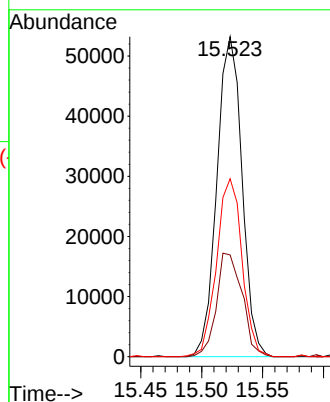
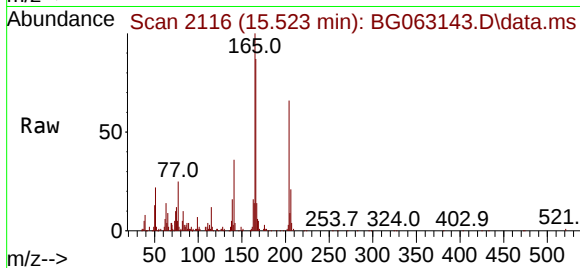




#61
4-Chlorophenyl-phenylether
Concen: 3.371 ng
RT: 15.523 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

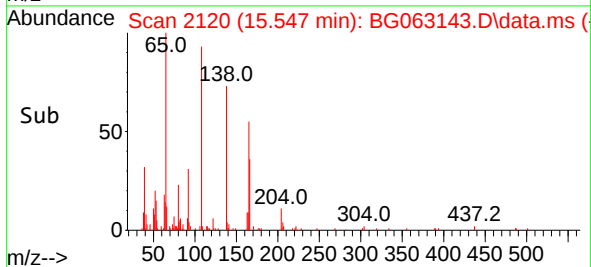
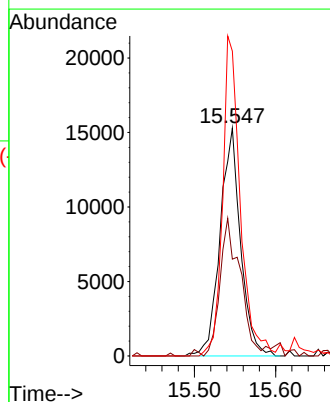
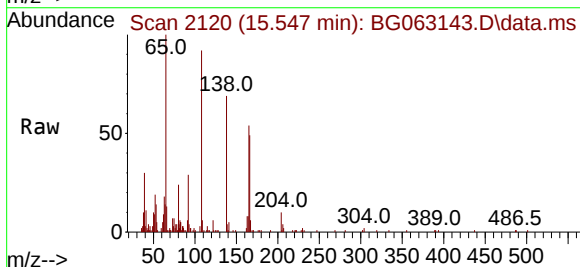
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

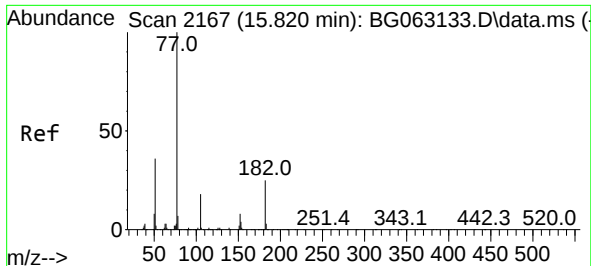
Tgt Ion:204 Resp: 76438
Ion Ratio Lower Upper
204 100
206 31.8 27.0 40.4
141 55.6 41.0 61.4



#62
4-Nitroaniline
Concen: 3.205 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:138 Resp: 26850
Ion Ratio Lower Upper
138 100
92 42.5 46.2 86.2#
108 133.8 126.8 166.8

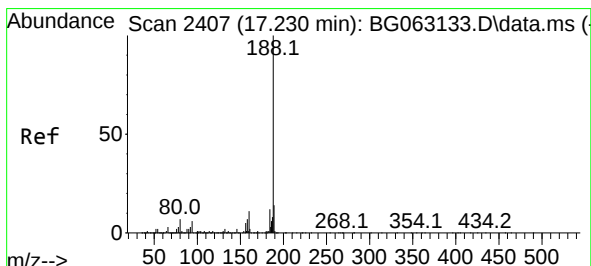
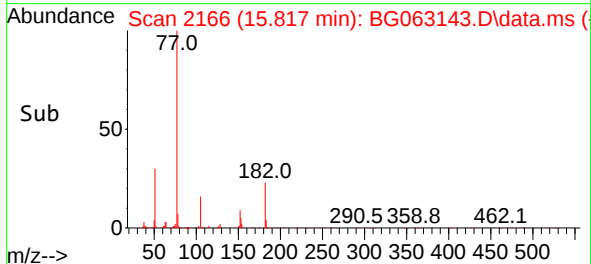
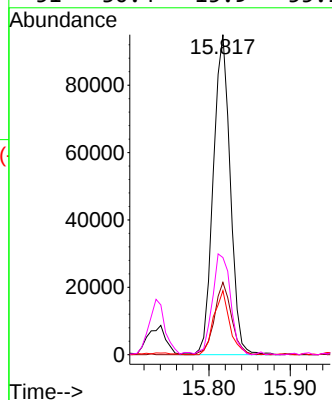
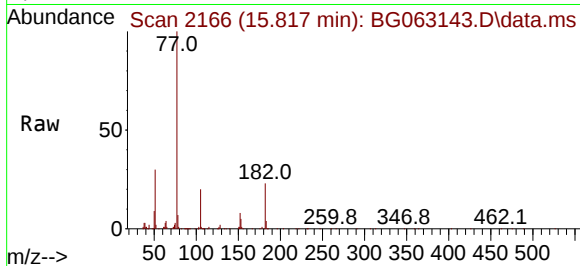




#63
Azobenzene
Concen: 3.467 ng
RT: 15.817 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

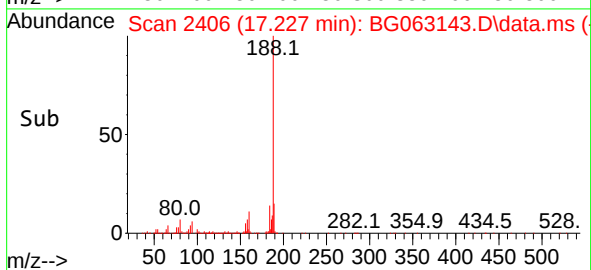
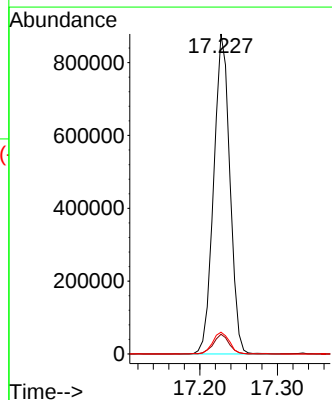
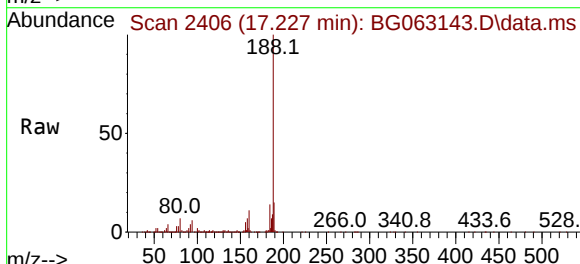
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

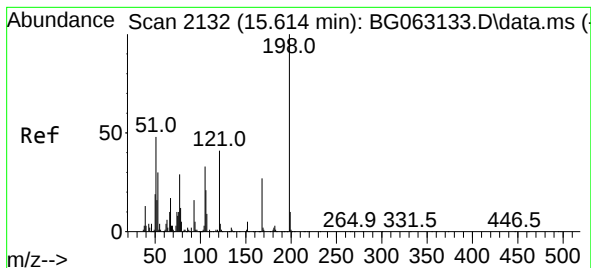
Tgt Ion: 77	Resp: 137915
Ion Ratio	Lower Upper
77 100	
182 22.6	5.4 45.4
105 20.0	0.0 37.5
51 30.4	15.9 55.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:188	Resp: 1273559		
Ion Ratio	Lower	Upper	
188 100			
94 6.1	4.8	7.2	
80 6.8	5.9	8.9	

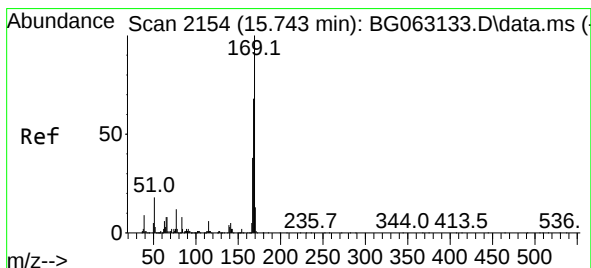
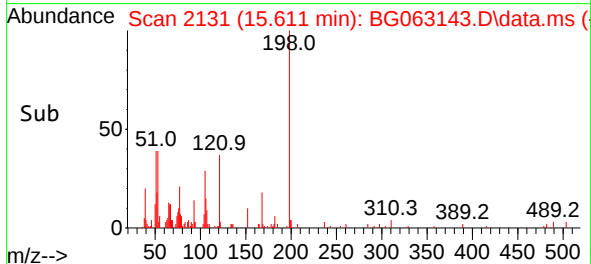
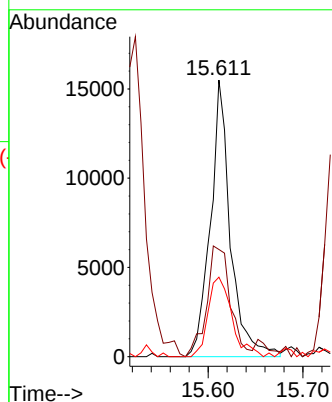
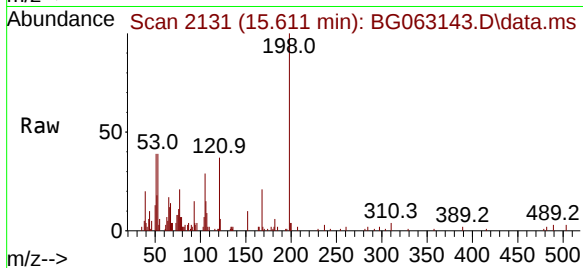




#65
4,6-Dinitro-2-methylphenol
Concen: 2.769 ng
RT: 15.611 min Scan# 2132
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

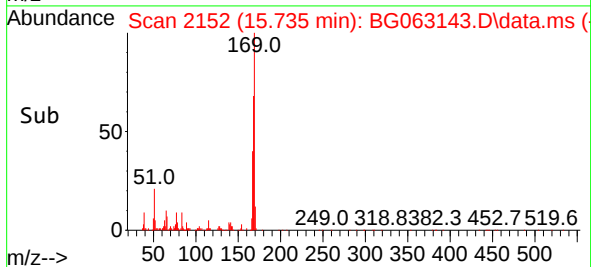
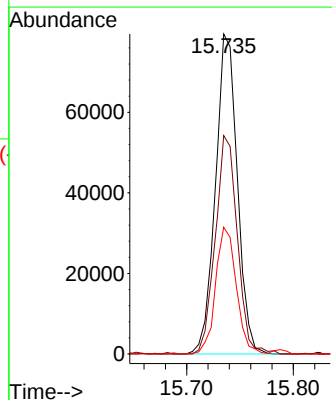
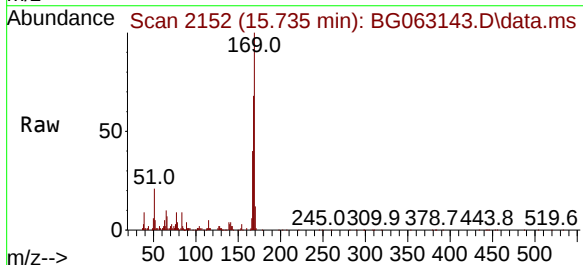
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

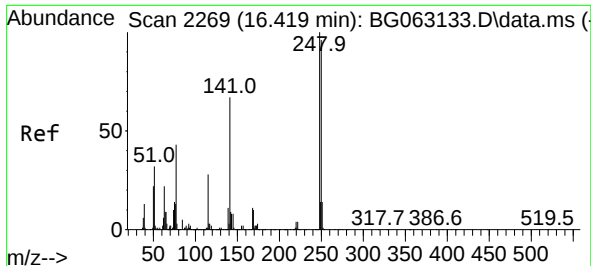
Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.8	30.3	70.3
105	28.8	13.6	53.6



#66
n-Nitrosodiphenylamine
Concen: 3.556 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.8	82.2
167	39.6	30.2	45.4

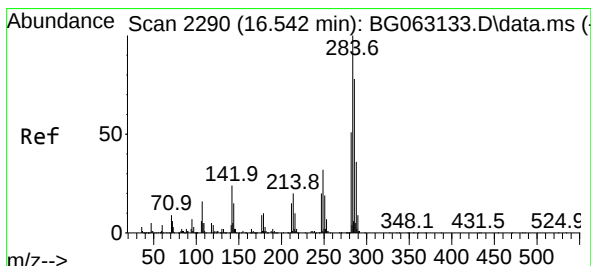
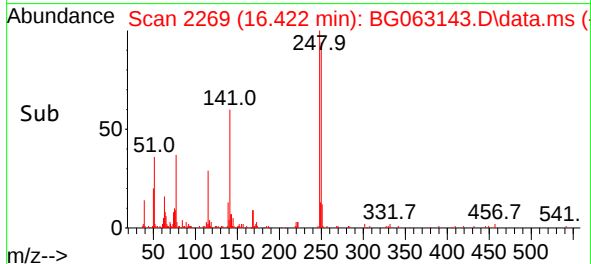
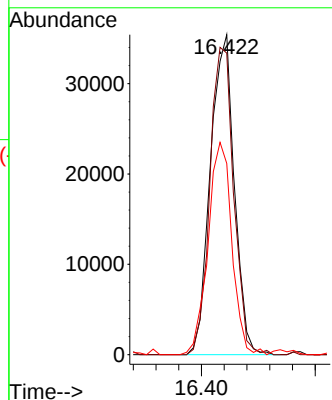
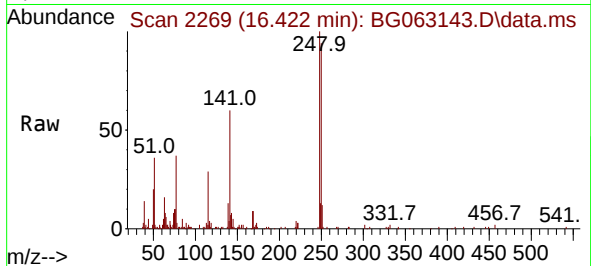




#67
4-Bromophenyl-phenylether
Concen: 3.318 ng
RT: 16.422 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

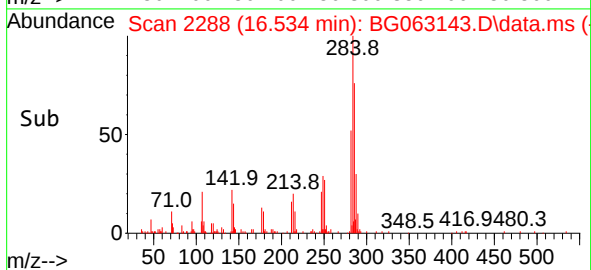
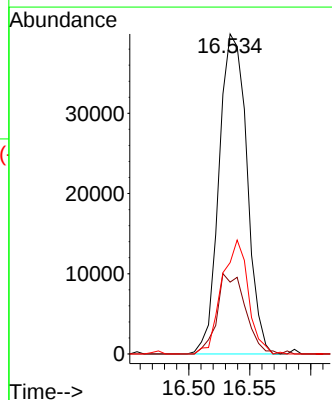
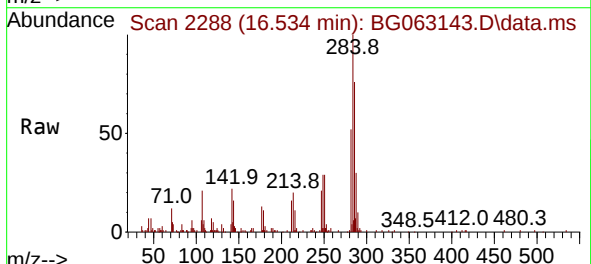
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

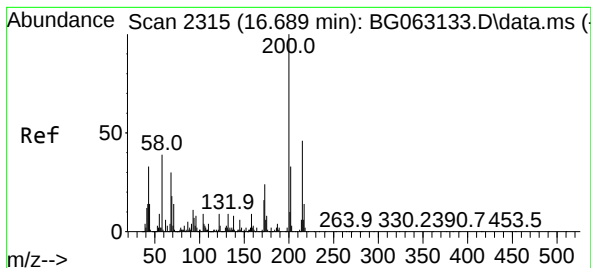
Tgt Ion:248 Resp: 51793
Ion Ratio Lower Upper
248 100
250 94.3 76.6 115.0
141 59.7 53.9 80.9



#68
Hexachlorobenzene
Concen: 3.506 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:284 Resp: 63385
Ion Ratio Lower Upper
284 100
142 22.5 19.0 28.6
249 30.9 25.8 38.8





#69

Atrazine

Concen: 3.451 ng

RT: 16.687 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

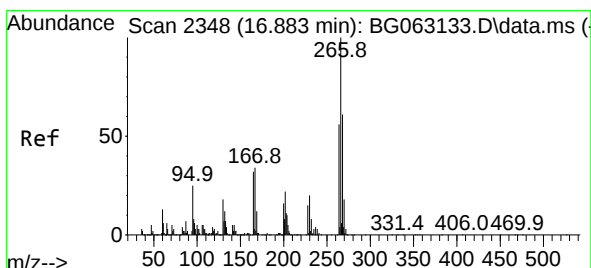
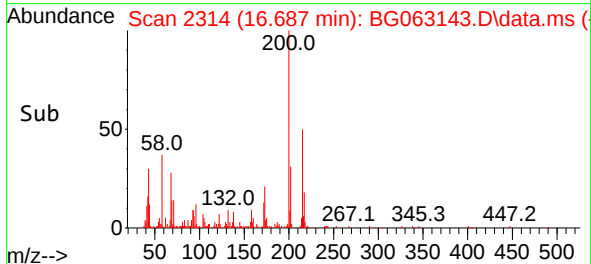
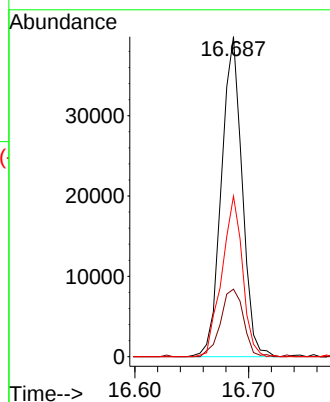
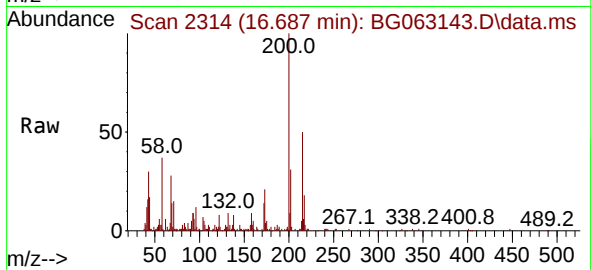
Tgt Ion:200 Resp: 50410

Ion Ratio Lower Upper

200 100

173 21.1 3.6 43.6

215 50.2 25.8 65.8



#70

Pentachlorophenol

Concen: 2.149 ng

RT: 16.886 min Scan# 2348

Delta R.T. 0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

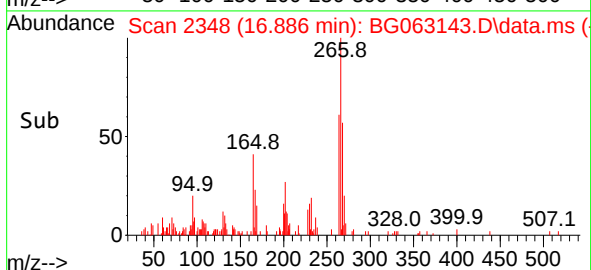
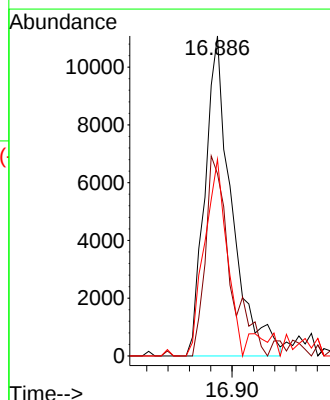
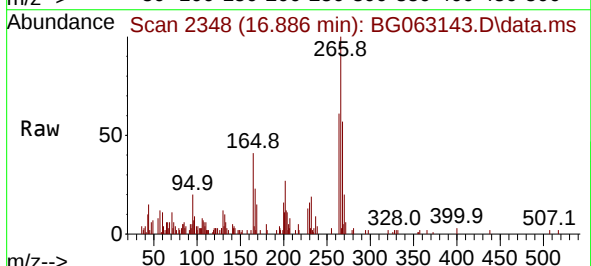
Tgt Ion:266 Resp: 19336

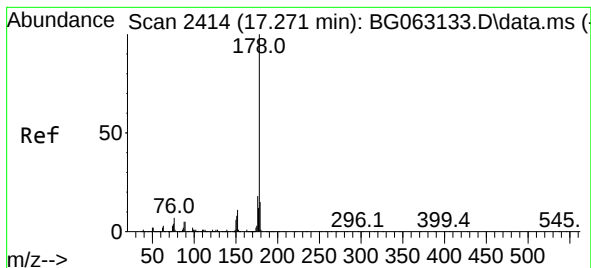
Ion Ratio Lower Upper

266 100

268 61.8 48.8 73.2

264 61.5 45.0 67.4





#71

Phenanthrene

Concen: 3.597 ng

RT: 17.268 min Scan# 2413

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

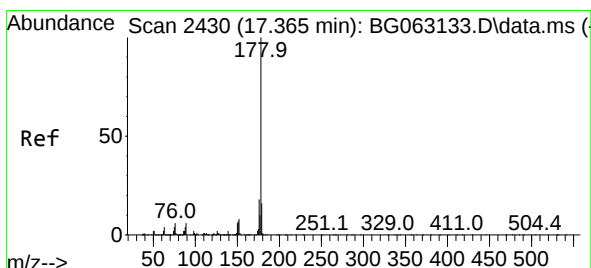
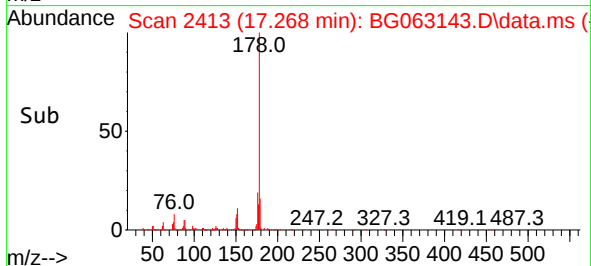
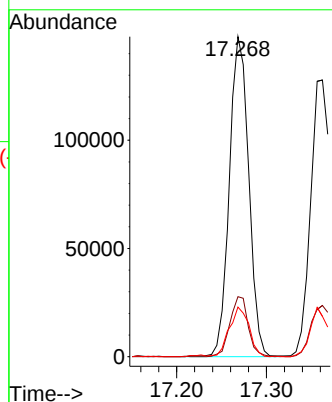
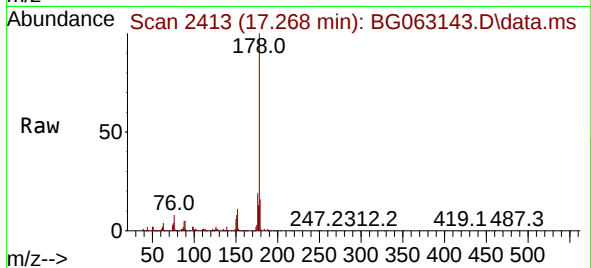
Tgt Ion:178 Resp: 222075

Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.5 12.3 18.5



#72

Anthracene

Concen: 3.343 ng

RT: 17.362 min Scan# 2429

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

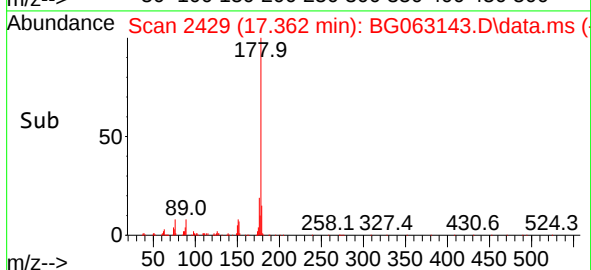
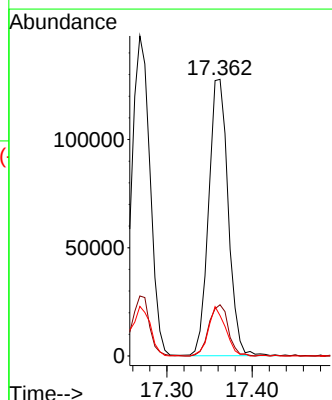
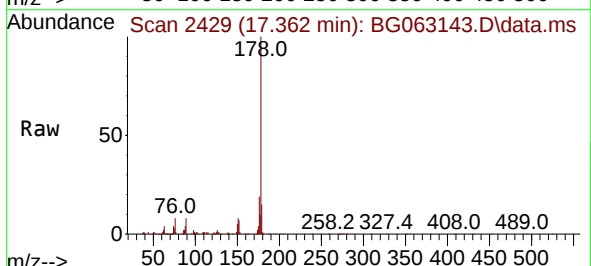
Tgt Ion:178 Resp: 202591

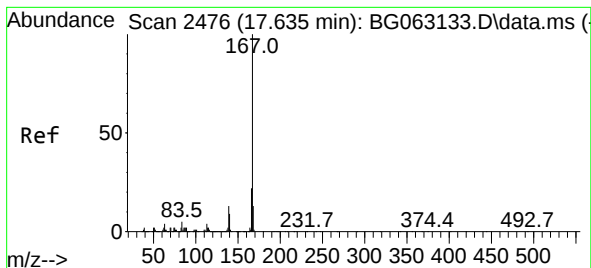
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 14.6 12.4 18.6





#73

Carbazole

Concen: 3.490 ng

RT: 17.633 min Scan# 2476

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

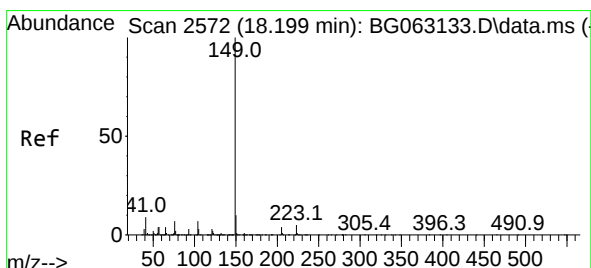
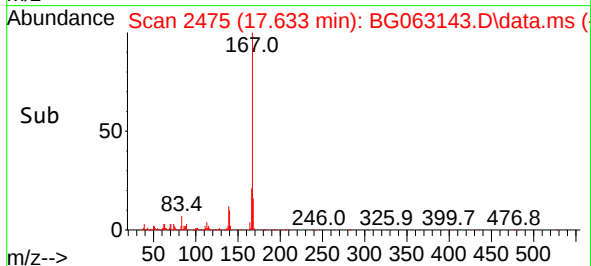
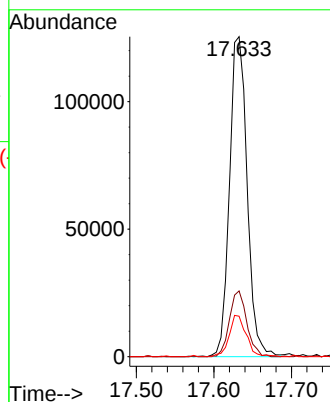
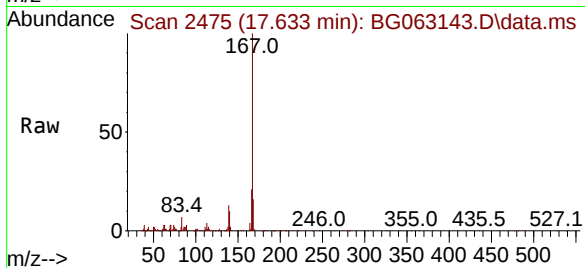
Tgt Ion:167 Resp: 199105

Ion Ratio Lower Upper

167 100

166 20.6 17.4 26.2

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 3.459 ng

RT: 18.197 min Scan# 2571

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

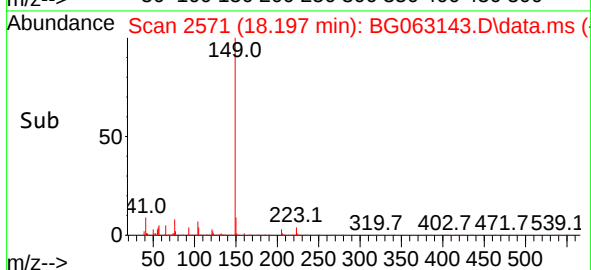
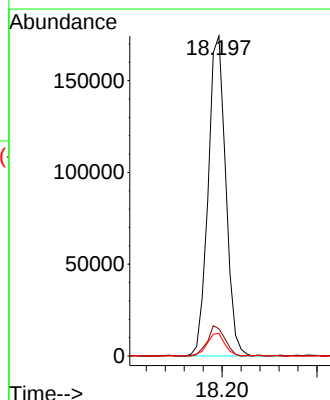
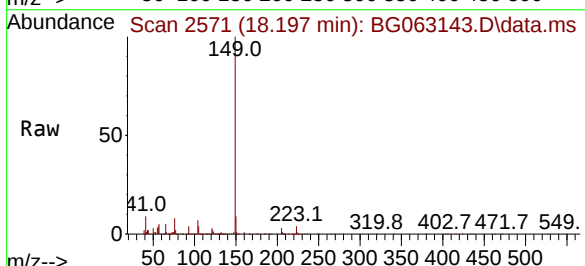
Tgt Ion:149 Resp: 224057

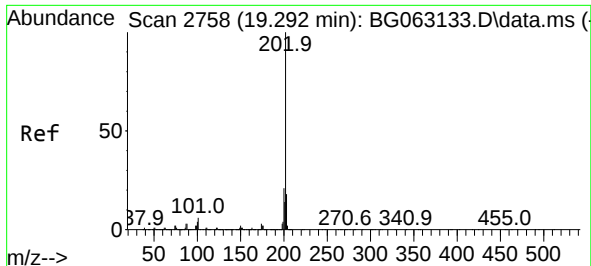
Ion Ratio Lower Upper

149 100

150 8.5 7.8 11.8

104 7.1 5.4 8.0

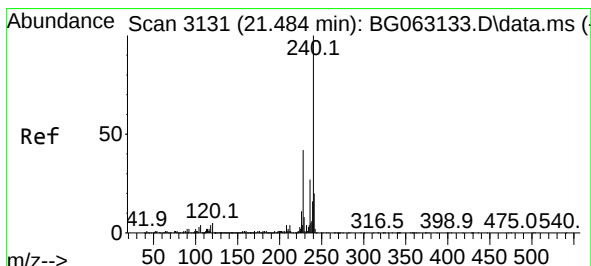
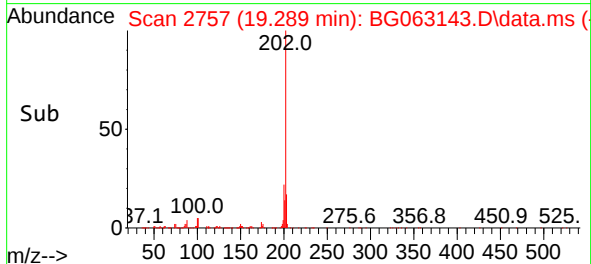
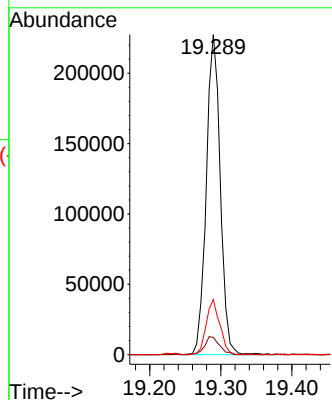
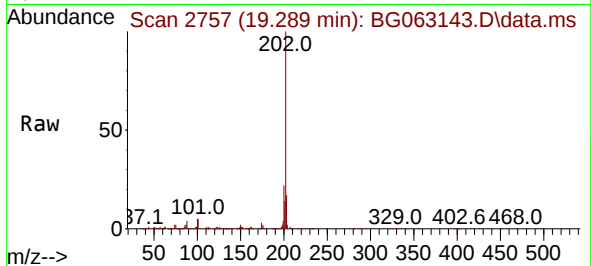




#75
Fluoranthene
Concen: 3.564 ng
RT: 19.289 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

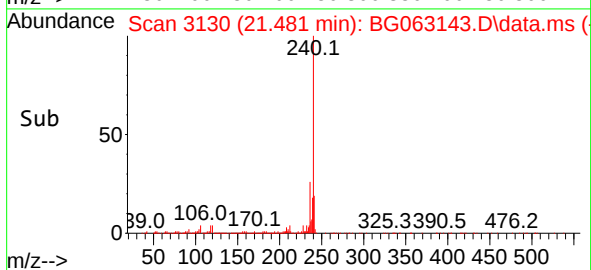
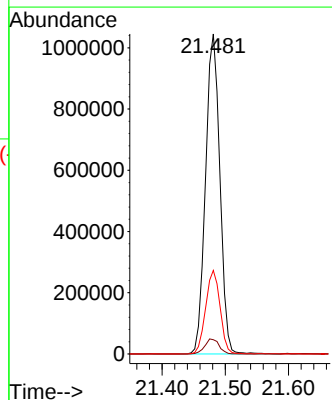
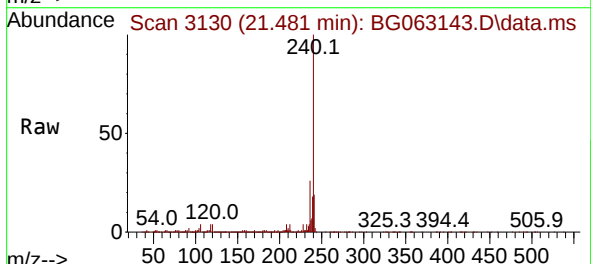
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

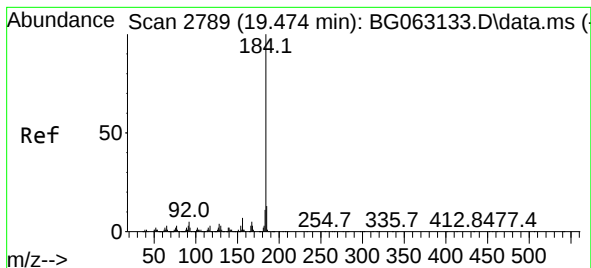
Tgt Ion:202 Resp: 311442
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.8
203 17.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.481 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:240 Resp: 1643312
Ion Ratio Lower Upper
240 100
120 4.5 3.9 5.9
236 26.1 21.4 32.2





#77

Benzidine

Concen: 2.546 ng

RT: 19.472 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

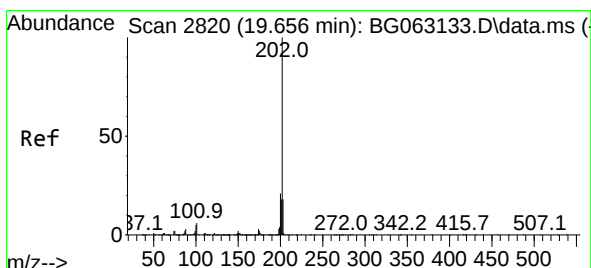
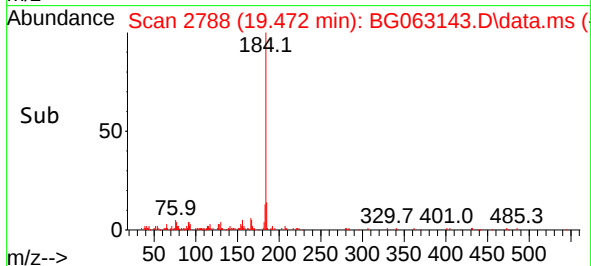
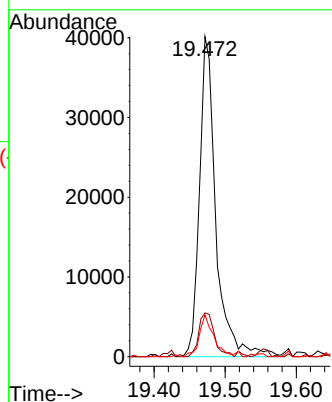
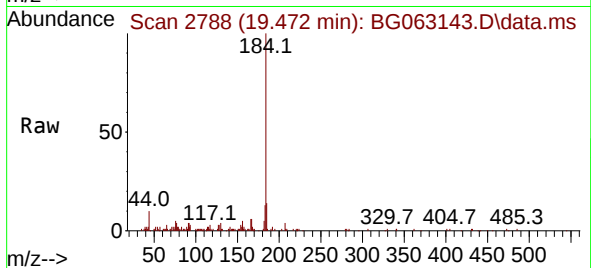
Tgt Ion:184 Resp: 64454

Ion Ratio Lower Upper

184 100

185 13.7 10.6 16.0

183 13.0 8.6 12.8#



#78

Pyrene

Concen: 3.259 ng

RT: 19.654 min Scan# 2819

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

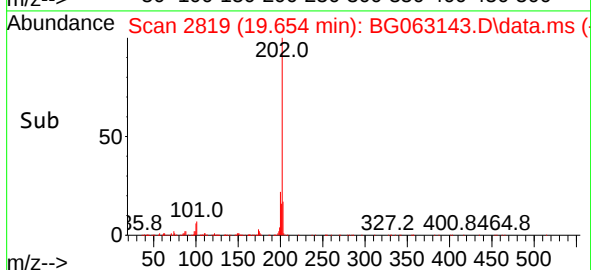
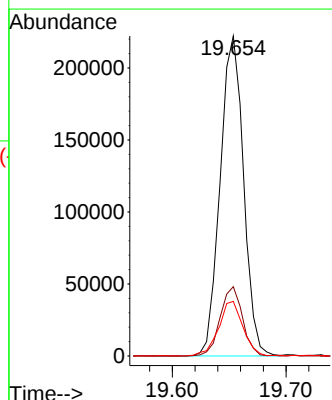
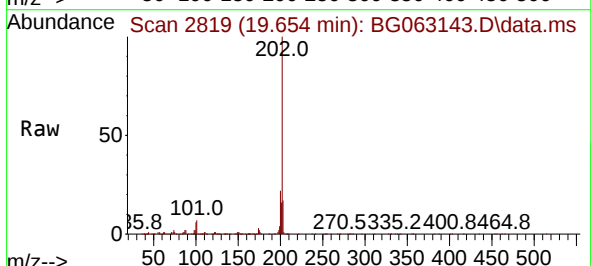
Tgt Ion:202 Resp: 317501

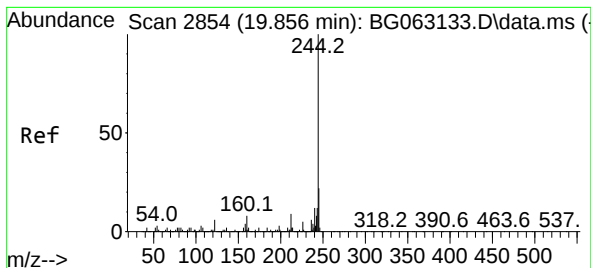
Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

203 17.0 14.2 21.2





#79

Terphenyl-d14

Concen: 56.595 ng

RT: 19.859 min Scan# 2854

Delta R.T. 0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

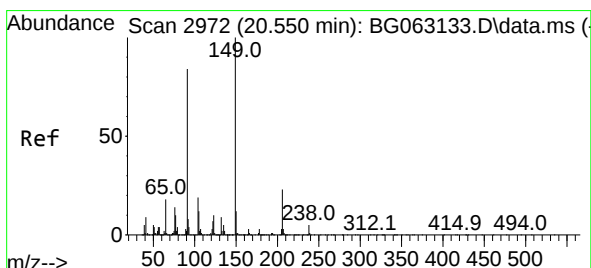
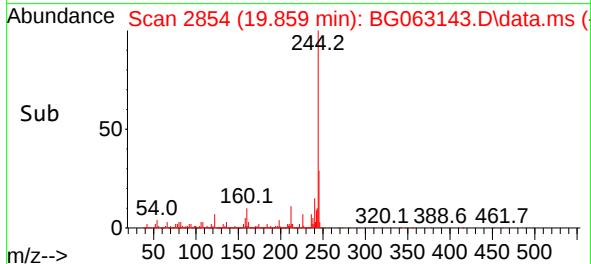
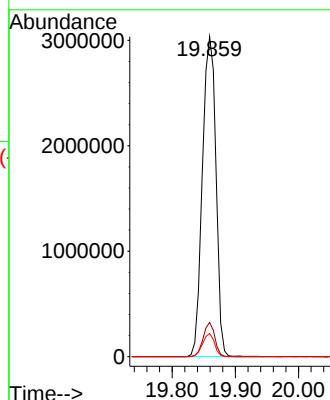
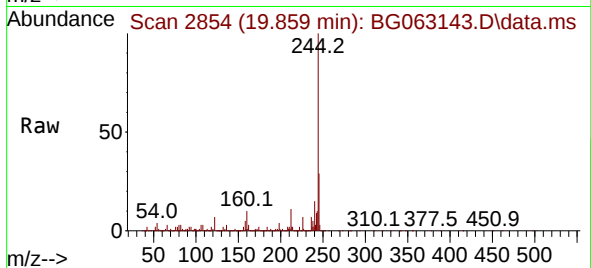
Tgt Ion:244 Resp: 4519414

Ion Ratio Lower Upper

244 100

212 10.7 7.3 10.9

122 7.3 4.8 7.2#



#80

Butylbenzylphthalate

Concen: 3.360 ng

RT: 20.553 min Scan# 2972

Delta R.T. 0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

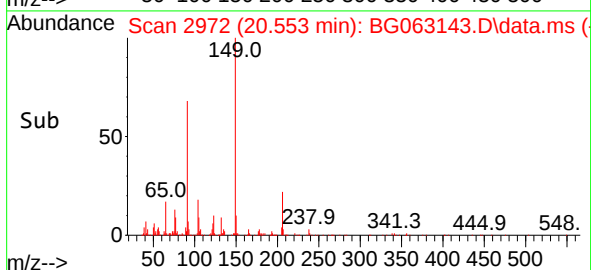
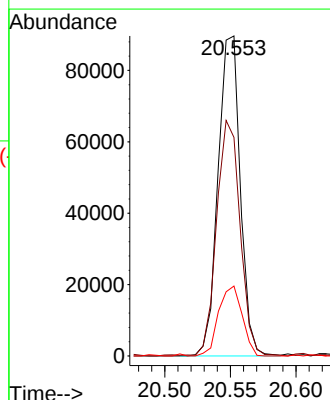
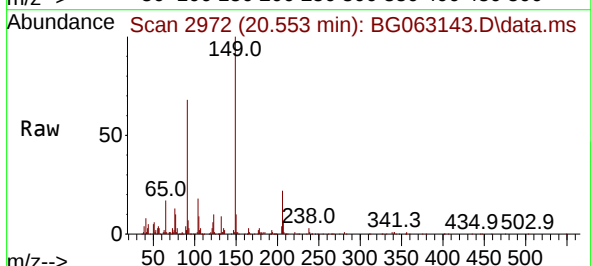
Tgt Ion:149 Resp: 105466

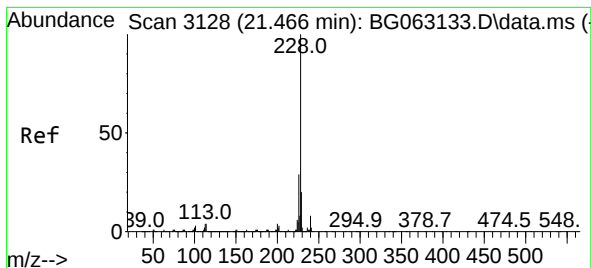
Ion Ratio Lower Upper

149 100

91 68.3 67.3 100.9

206 21.9 18.8 28.2





#81

Benzo(a)anthracene

Concen: 3.541 ng

RT: 21.463 min Scan# 3128

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

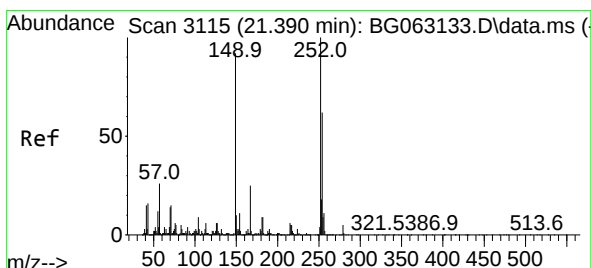
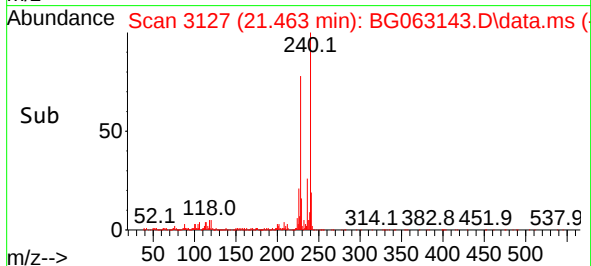
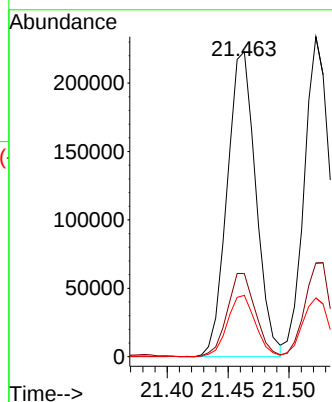
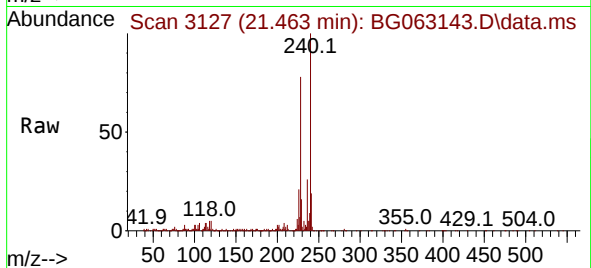
Tgt Ion:228 Resp: 366427

Ion Ratio Lower Upper

228 100

226 27.2 23.5 35.3

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 3.337 ng

RT: 21.381 min Scan# 3113

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

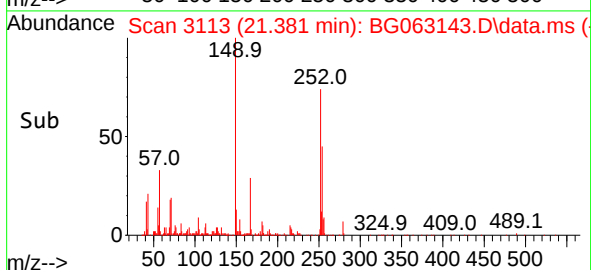
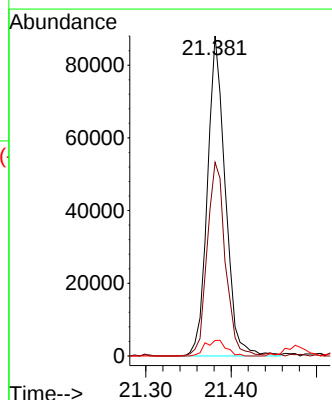
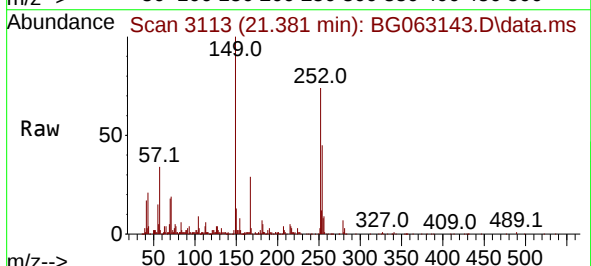
Tgt Ion:252 Resp: 128019

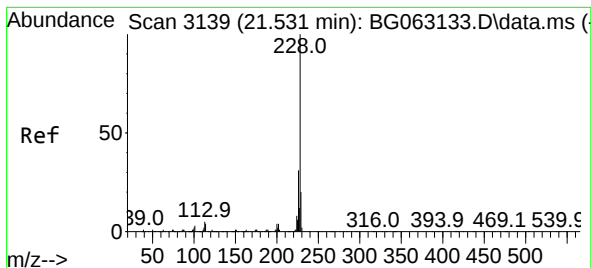
Ion Ratio Lower Upper

252 100

254 60.5 49.4 74.2

126 4.9 4.8 7.2





#83

Chrysene

Concen: 3.559 ng

RT: 21.522 min Scan# 3113

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

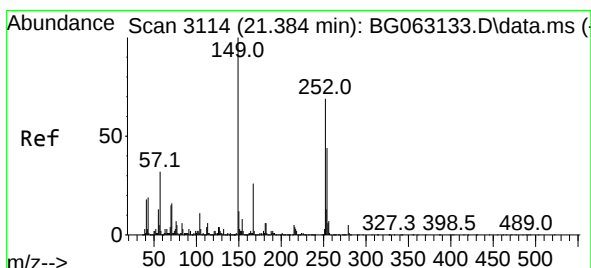
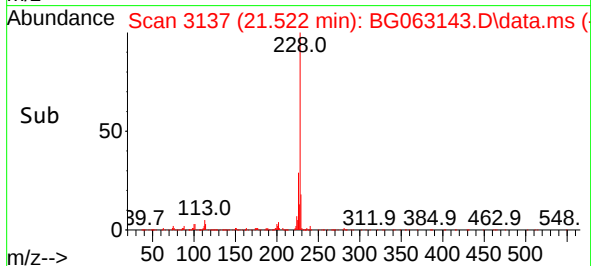
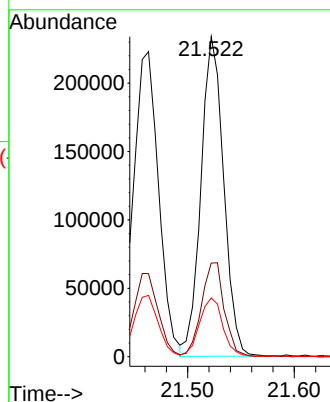
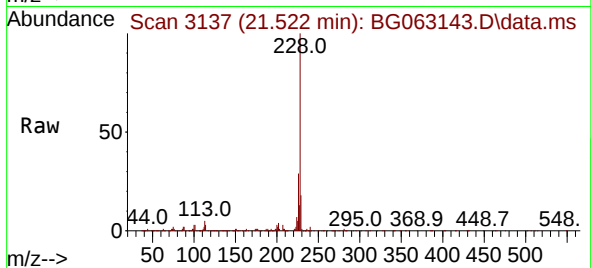
Tgt Ion:228 Resp: 345987

Ion Ratio Lower Upper

228 100

226 29.3 24.8 37.2

229 18.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.493 ng

RT: 21.381 min Scan# 3113

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

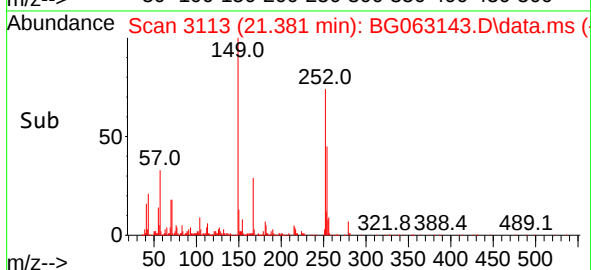
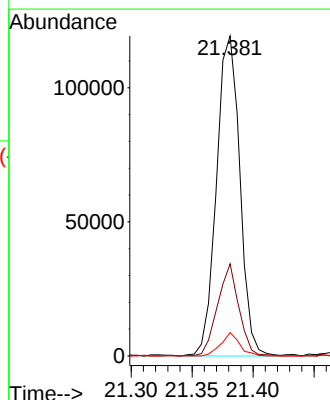
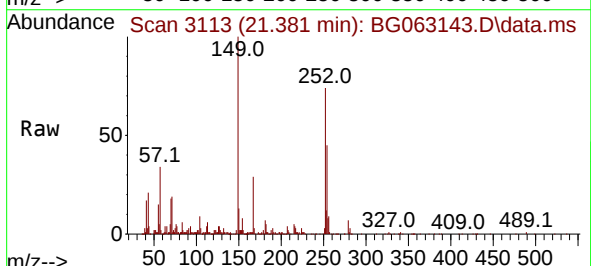
Tgt Ion:149 Resp: 159064

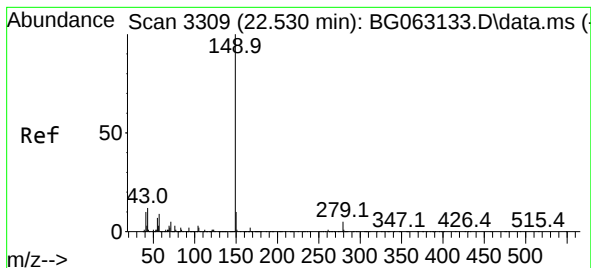
Ion Ratio Lower Upper

149 100

167 28.8 20.6 31.0

279 7.3 4.3 6.5#





#85

Di-n-octyl phthalate

Concen: 3.347 ng

RT: 22.521 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

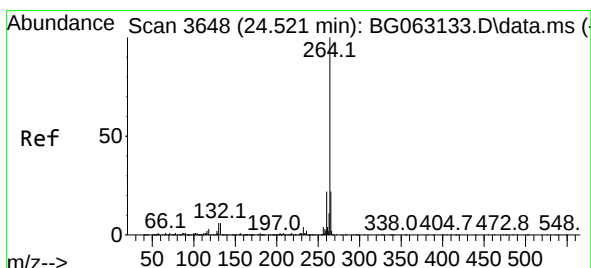
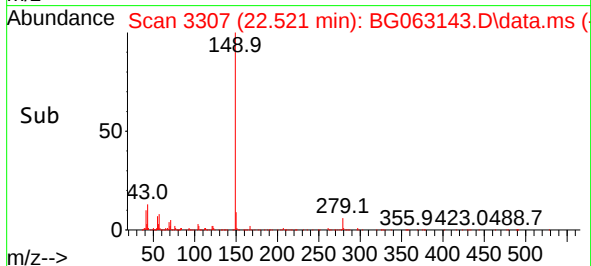
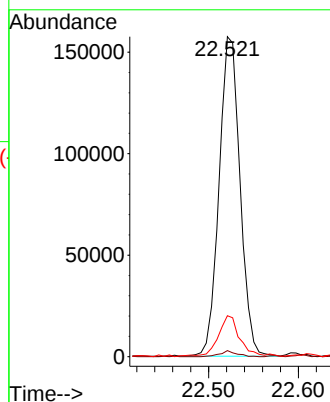
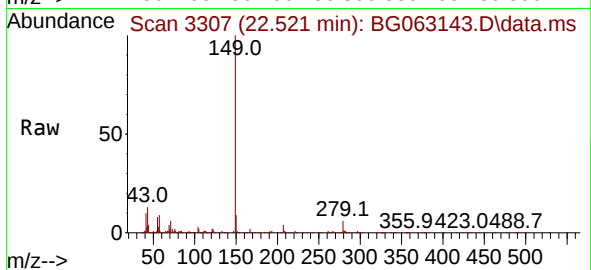
Tgt Ion:149 Resp: 254952

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 13.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.519 min Scan# 3647

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

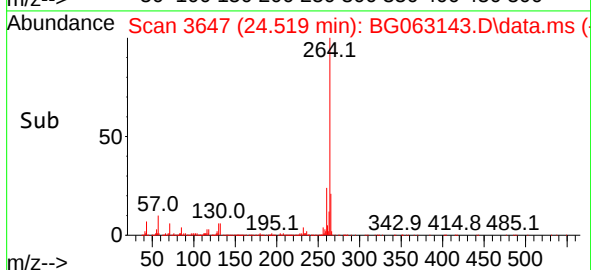
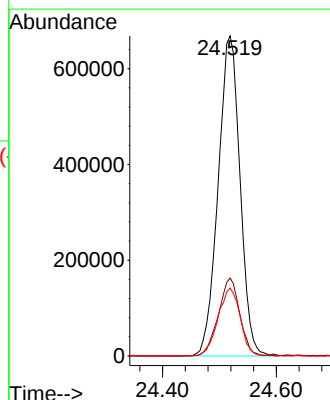
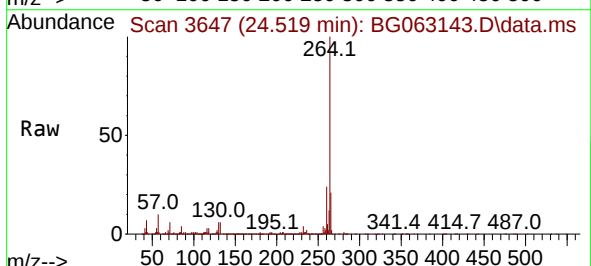
Tgt Ion:264 Resp: 1788387

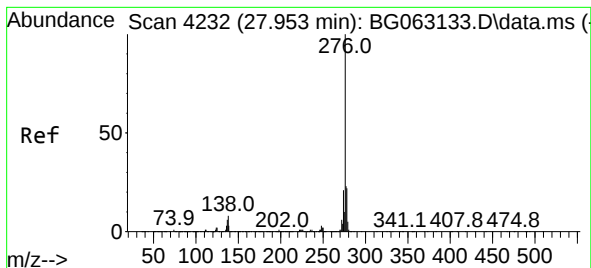
Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.2

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.567 ng

RT: 27.920 min Scan# 4232

Delta R.T. -0.032 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

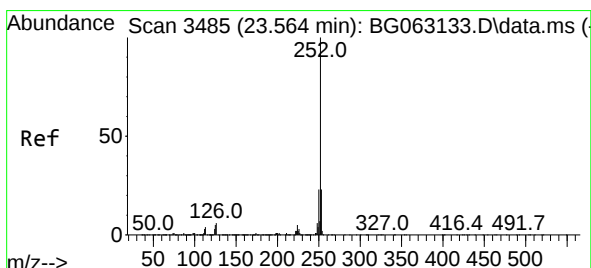
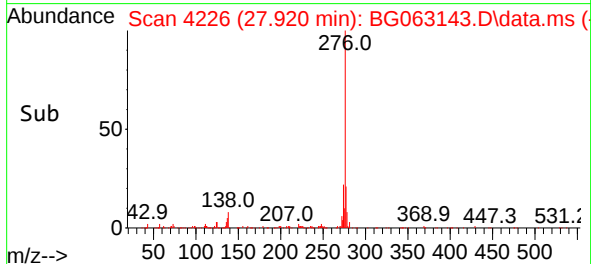
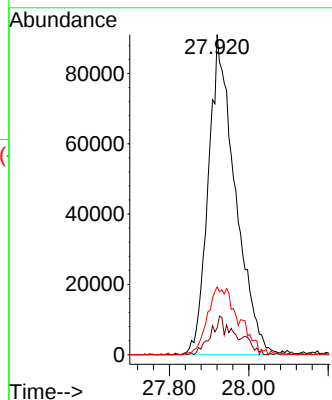
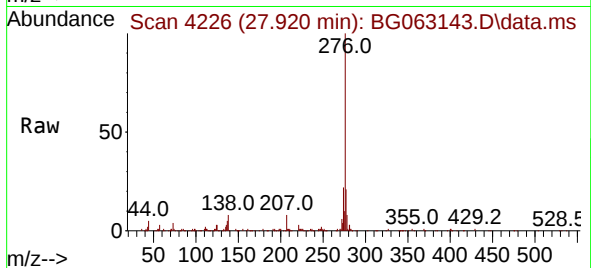
Tgt Ion:276 Resp: 428094

Ion Ratio Lower Upper

276 100

138 9.3 8.3 12.5

277 19.9 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 3.477 ng

RT: 23.555 min Scan# 3483

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

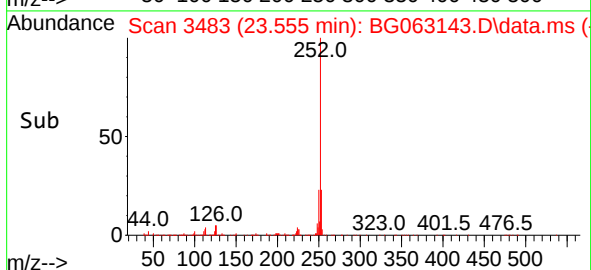
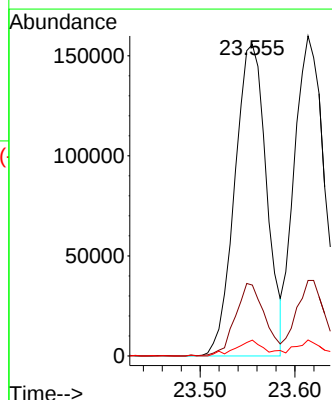
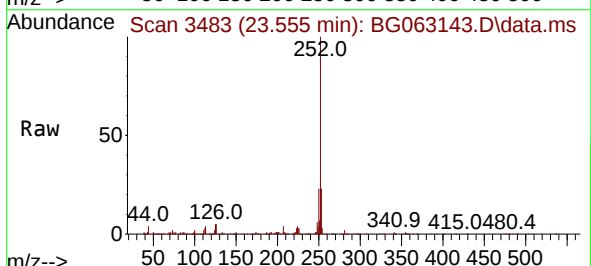
Tgt Ion:252 Resp: 362566

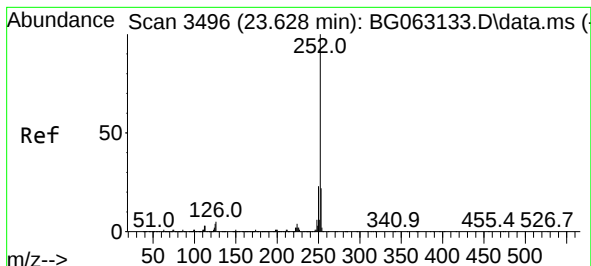
Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

125 5.1 3.6 5.4





#89

Benzo(k)fluoranthene

Concen: 3.580 ng

RT: 23.614 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

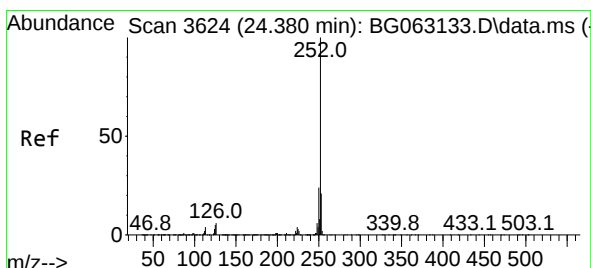
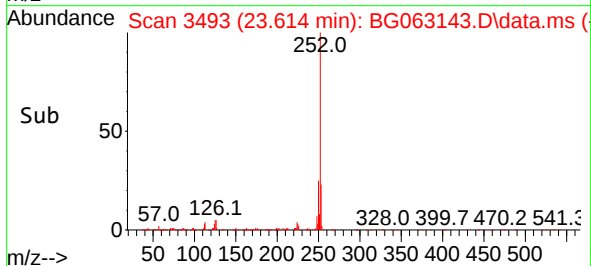
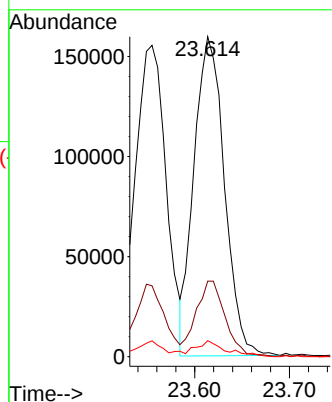
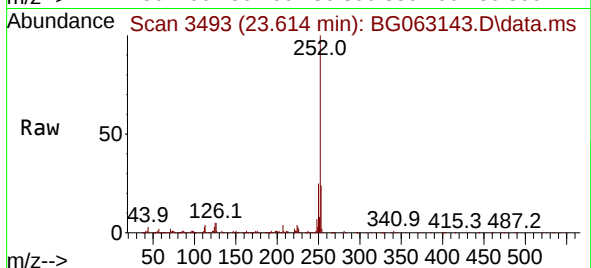
Tgt Ion:252 Resp: 356114

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 5.0 3.0 4.6#



#90

Benzo(a)pyrene

Concen: 3.710 ng

RT: 24.372 min Scan# 3622

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

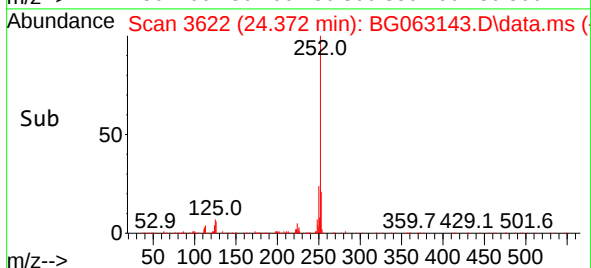
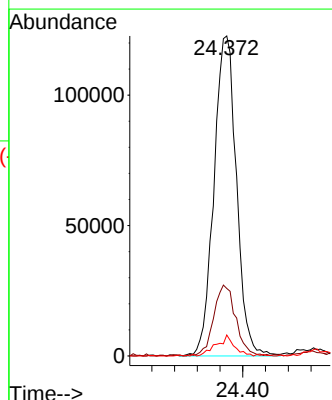
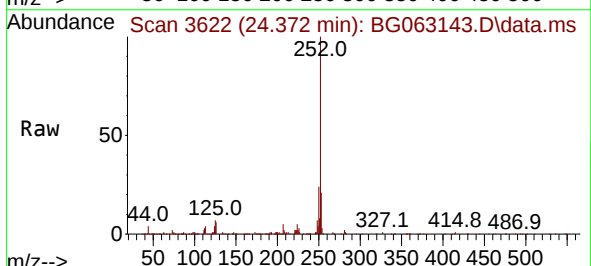
Tgt Ion:252 Resp: 337628

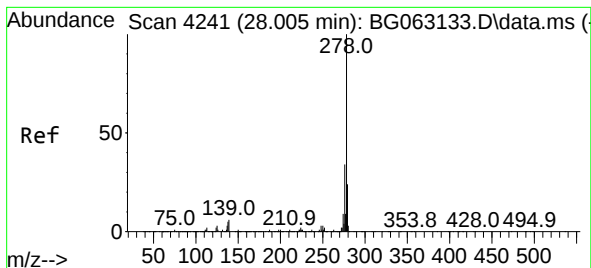
Ion Ratio Lower Upper

252 100

253 21.1 16.9 25.3

125 6.5 3.7 5.5#





#91

Dibenzo(a,h)anthracene

Concen: 3.501 ng

RT: 27.985 min Scan# 41

Delta R.T. -0.020 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

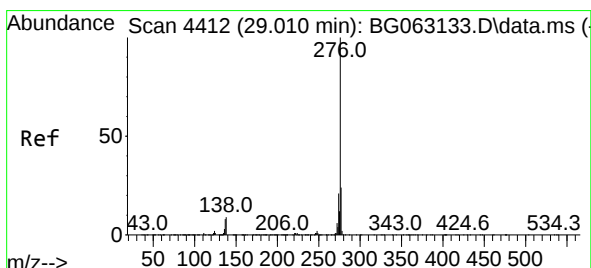
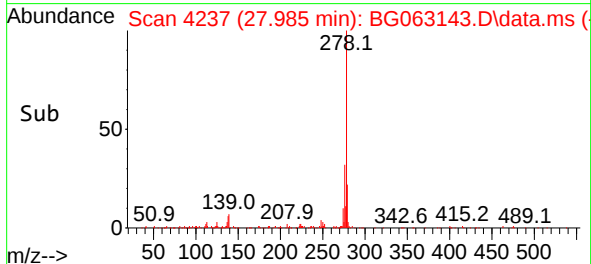
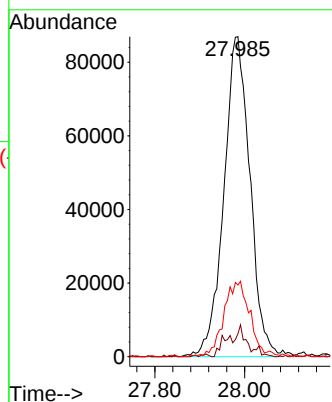
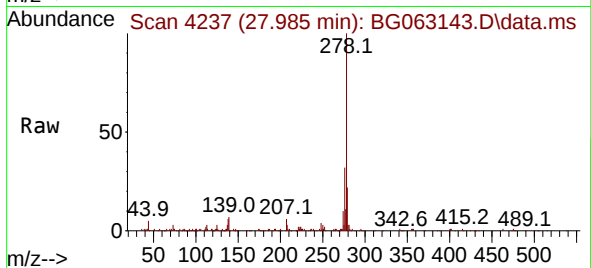
Tgt Ion:278 Resp: 350718

Ion Ratio Lower Upper

278 100

139 7.2 5.0 7.6

279 22.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 3.332 ng

RT: 28.996 min Scan# 4409

Delta R.T. -0.015 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Tgt Ion:276 Resp: 330003

Ion Ratio Lower Upper

276 100

277 19.2 19.3 28.9#

138 8.3 7.0 10.4

