

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048526.D
 Acq On : 31 Mar 2021 13:03
 Operator : CG/JU
 Sample : M1458-01
 Misc : LOD-MDL-SOIL-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Quant Time: Mar 31 13:44:12 2021
 Quant Title :
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	15104	20.00	ng	0.00
21) Naphthalene-d8	10.928	136	60416	20.00	ng	0.00
39) Acenaphthene-d10	14.747	164	43291	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	109130	20.00	ng	0.00
76) Chrysene-d12	21.798	240	112872	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	111511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	75137	87.83	ng	0.00
7) Phenol-d6	7.250	99	103317	83.27	ng	0.00
23) Nitrobenzene-d5	9.272	82	79725	63.89	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	50762	89.20	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	198550	68.17	ng	0.00
79) Terphenyl-d14	20.112	244	409565	66.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.514	88	1492	4.33	ng	88
3) Pyridine	3.942	79	3161	3.66	ng	# 73
4) n-Nitrosodimethylamine	3.831	42	1778	3.15	ng	# 87
6) Aniline	7.415	93	6505	4.56	ng	# 88
8) 2-Chlorophenol	7.656	128	4243	4.39	ng	84
9) Benzaldehyde	7.227	77	4627	5.83	ng	92
10) Phenol	7.268	94	5071	4.08	ng	89
11) bis(2-Chloroethyl)ether	7.515	93	3840	4.46	ng	94
12) 1,3-Dichlorobenzene	7.985	146	4493	4.13	ng	# 92
13) 1,4-Dichlorobenzene	8.138	146	5053	4.60	ng	# 89
14) 1,2-Dichlorobenzene	8.455	146	4874m	4.63	ng	
15) Benzyl Alcohol	8.331	79	4290	4.22	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.619	45	3620	4.35	ng	73
17) 2-Methylphenol	8.543	107	2887	3.59	ng	# 89
18) Hexachloroethane	9.189	117	2055	5.04	ng	# 76
19) n-Nitroso-di-n-propyla...	8.901	70	3338	3.90	ng	97
20) 3+4-Methylphenols	8.866	107	4425	3.97	ng	79
22) Acetophenone	8.925	105	6826	4.38	ng	# 92
24) Nitrobenzene	9.319	77	5695	4.65	ng	# 84
25) Isophorone	9.836	82	9634	4.18	ng	97
26) 2-Nitrophenol	10.029	139	2086	3.71	ng	# 66
27) 2,4-Dimethylphenol	10.082	122	4217	4.76	ng	93
28) bis(2-Chloroethoxy)met...	10.317	93	4849	4.59	ng	# 90
29) 2,4-Dichlorophenol	10.576	162	3610	3.60	ng	88
30) 1,2,4-Trichlorobenzene	10.787	180	4877	4.23	ng	# 91
31) Naphthalene	10.981	128	13953	4.49	ng	# 93
32) Benzoic acid	10.153	122	790m	1.16	ng	
33) 4-Chloroaniline	11.081	127	5959	4.55	ng	# 80
34) Hexachlorobutadiene	11.263	225	2762	3.28	ng	# 88
35) Caprolactam	11.821	113	1896m	5.18	ng	
36) 4-Chloro-3-methylphenol	12.192	107	4732	4.20	ng	# 73
37) 2-Methylnaphthalene	12.579	142	11044	4.47	ng	96
38) 1-Methylnaphthalene	12.803	142	10212	4.33	ng	# 85
40) 1,2,4,5-Tetrachloroben...	12.944	216	6582	4.90	ng	96
41) Hexachlorocyclopentadiene	12.920	237	3780	4.86	ng	95
43) 2,4,6-Trichlorophenol	13.179	196	3414	3.70	ng	87
44) 2,4,5-Trichlorophenol	13.249	196	3525	3.57	ng	# 83

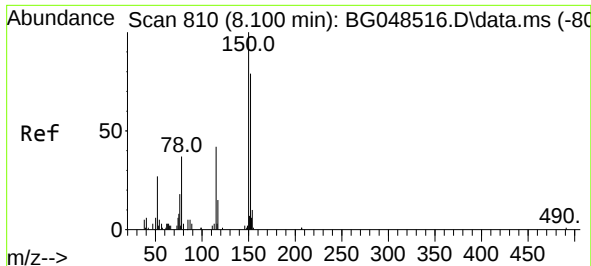
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.584	154	14551	4.60	ng	97
47) 2-Chloronaphthalene	13.631	162	10412	4.32	ng	# 88
48) 2-Nitroaniline	13.825	65	3250	4.24	ng	# 74
49) Acenaphthylene	14.471	152	16134	4.27	ng	96
50) Dimethylphthalate	14.195	163	14958	4.66	ng	# 91
51) 2,6-Dinitrotoluene	14.313	165	3068	4.17	ng	92
52) Acenaphthene	14.812	154	11290	4.13	ng	# 91
53) 3-Nitroaniline	14.642	138	3293	4.57	ng	# 81
54) 2,4-Dinitrophenol	14.847	184	685	1.66	ng	# 63
55) Dibenzofuran	15.147	168	17920	4.49	ng	97
56) 4-Nitrophenol	14.953	139	2092	3.60	ng	# 66
57) 2,4-Dinitrotoluene	15.100	165	4460	4.29	ng	# 92
58) Fluorene	15.799	166	14310	4.28	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.370	232	3422	3.55	ng	# 91
60) Diethylphthalate	15.552	149	14377	4.35	ng	# 94
61) 4-Chlorophenyl-phenyle...	15.787	204	7767	4.32	ng	96
62) 4-Nitroaniline	15.811	138	3009	3.99	ng	# 77
63) Azobenzene	16.081	77	14225	4.38	ng	97
65) 4,6-Dinitro-2-methylph...	15.858	198	2200	3.36	ng	# 76
66) n-Nitrosodiphenylamine	15.999	169	12363	3.98	ng	90
67) 4-Bromophenyl-phenylether	16.686	248	5495	4.54	ng	88
68) Hexachlorobenzene	16.798	284	6081	4.81	ng	93
69) Atrazine	16.945	200	4847	3.83	ng	86
70) Pentachlorophenol	17.151	266	1782	2.27	ng	# 86
71) Phenanthrene	17.544	178	25029m	4.42	ng	
72) Anthracene	17.638	178	26018	4.61	ng	95
73) Carbazole	17.903	167	23248	4.34	ng	97
74) Di-n-butylphthalate	18.461	149	26075	4.36	ng	98
75) Fluoranthene	19.554	202	31276	4.45	ng	95
77) Benzidine	19.730	184	14387	3.76	ng	# 94
78) Pyrene	19.918	202	31775m	4.09	ng	
80) Butylbenzylphthalate	20.799	149	11309	3.92	ng	96
81) Benzo(a)anthracene	21.780	228	32833	4.35	ng	97
82) 3,3'-Dichlorobenzidine	21.686	252	11330	4.37	ng	97
83) Chrysene	21.845	228	31893	4.43	ng	96
84) Bis(2-ethylhexyl)phtha...	21.675	149	16223	4.04	ng	97
85) Di-n-octyl phthalate	22.932	149	27632	3.95	ng	100
87) Indeno(1,2,3-cd)pyrene	28.972	276	34130m	4.37	ng	
88) Benzo(b)fluoranthene	24.078	252	30915	4.27	ng	# 95
89) Benzo(k)fluoranthene	24.142	252	30501	4.38	ng	95
90) Benzo(a)pyrene	24.977	252	28636	4.29	ng	93
91) Dibenzo(a,h)anthracene	29.031	278	26494	3.97	ng	# 96
92) Benzo(g,h,i)perylene	30.159	276	27589	4.22	ng	# 91

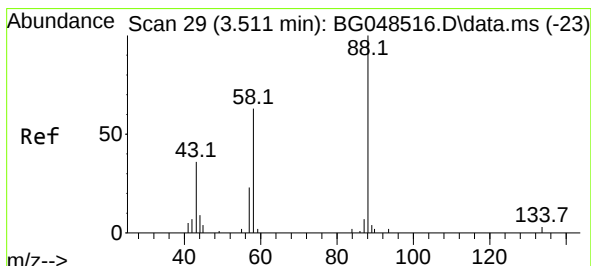
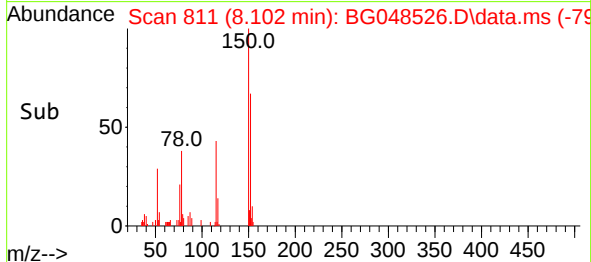
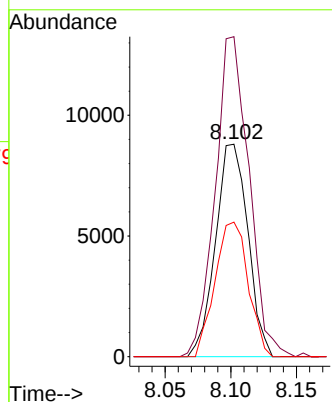
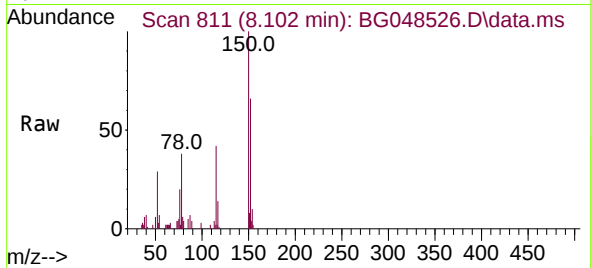
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

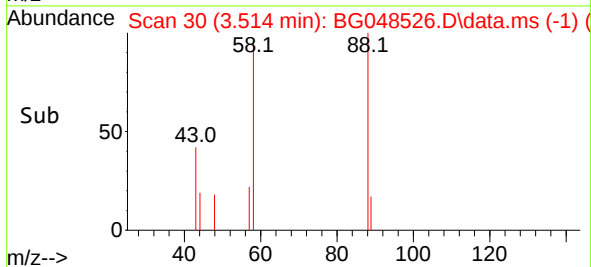
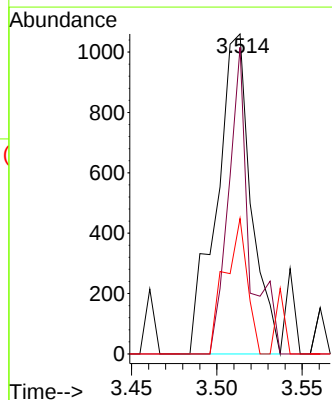
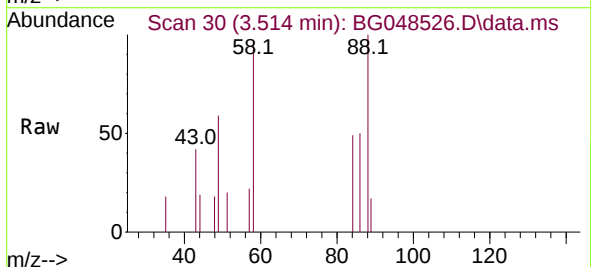
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

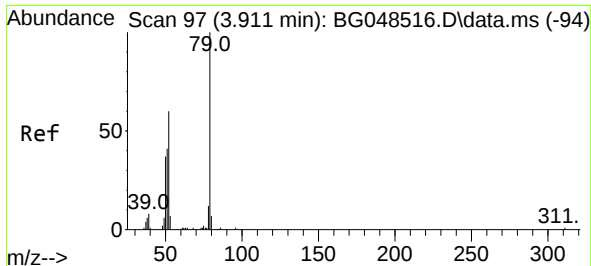
Tgt Ion:152 Resp: 15104
Ion Ratio Lower Upper
152 100
150 150.6 101.3 151.9
115 63.3 42.3 63.5



#2
1,4-Dioxane
Concen: 4.33 ng
RT: 3.514 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 88 Resp: 1492
Ion Ratio Lower Upper
88 100
58 58.0 55.0 82.6
43 27.5 26.2 39.4

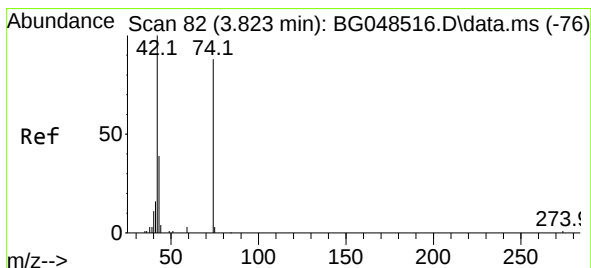
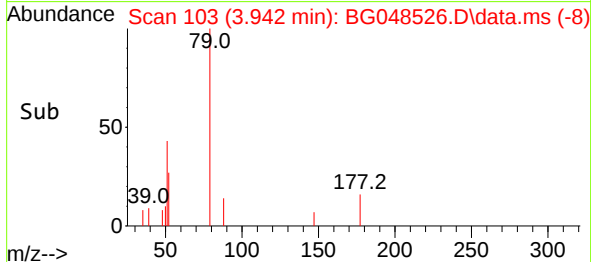
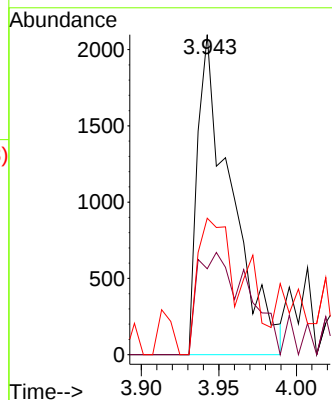
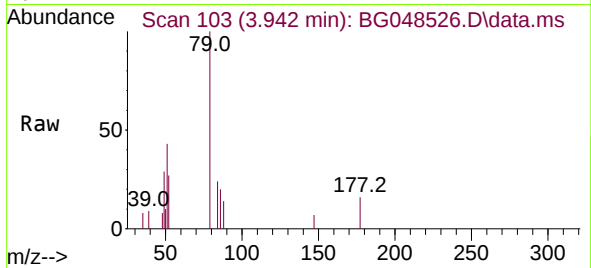




#3
Pyridine
Concen: 3.66 ng
RT: 3.942 min Scan# 103
Delta R.T. 0.028 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

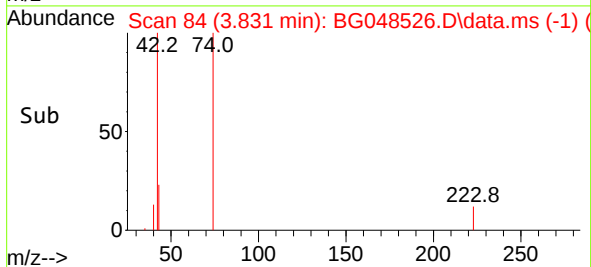
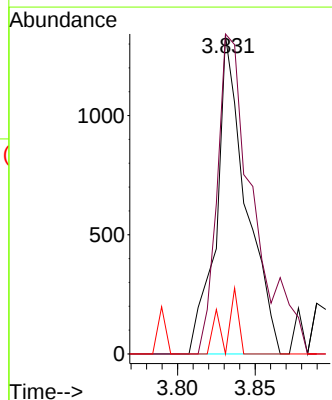
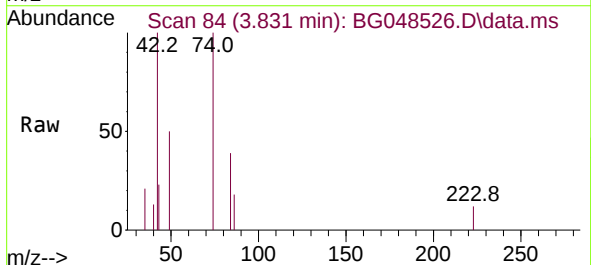
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

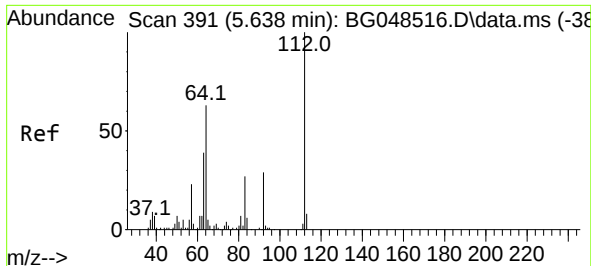
Tgt Ion: 79 Resp: 3161
Ion Ratio Lower Upper
79 100
52 26.8 48.2 72.2#
51 42.7 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 3.15 ng
RT: 3.831 min Scan# 84
Delta R.T. 0.005 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 42 Resp: 1778
Ion Ratio Lower Upper
42 100
74 100.4 70.6 105.8
44 0.0 3.5 5.3#

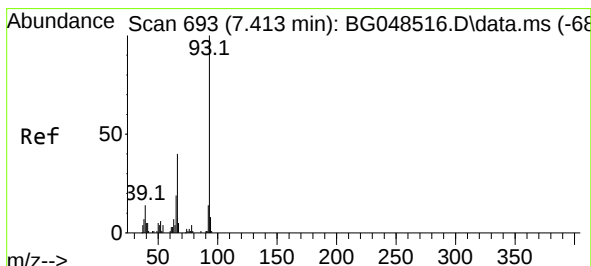
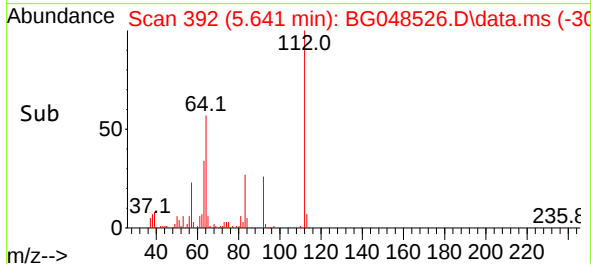
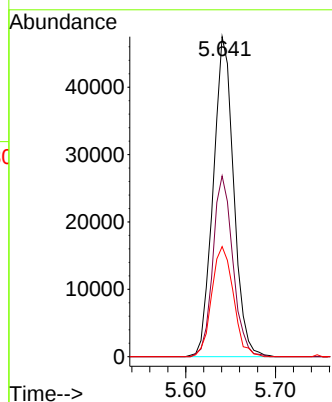
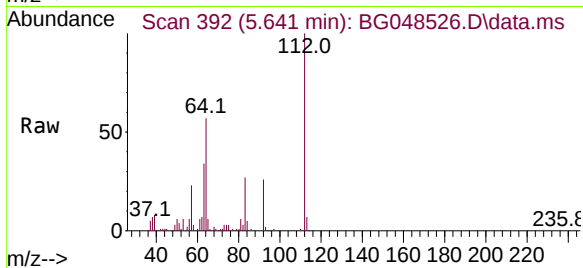




#5
2-Fluorophenol
Concen: 87.83 ng
RT: 5.641 min Scan# 392
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

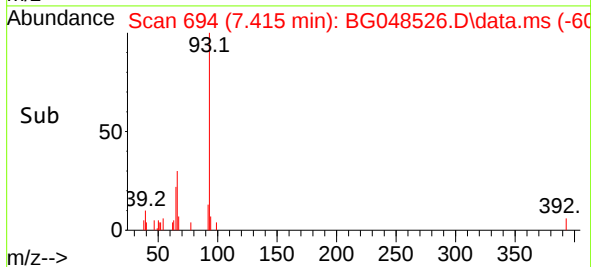
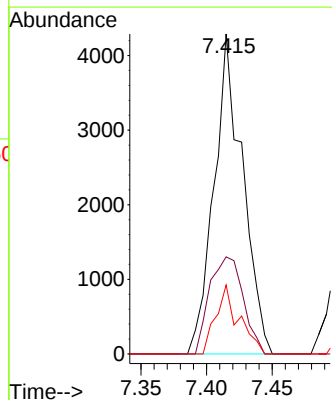
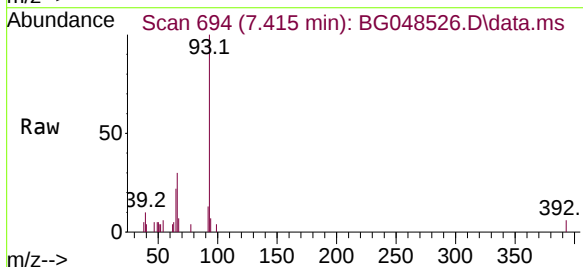
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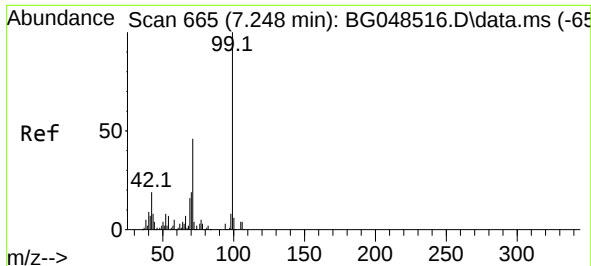
Tgt Ion:	112	Resp:	75137
Ion Ratio	Lower	Upper	
112	100		
64	56.5	50.4	75.6
63	34.4	31.4	47.2



#6
Aniline
Concen: 4.56 ng
RT: 7.415 min Scan# 694
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	93	Resp:	6505
Ion Ratio	Lower	Upper	
93	100		
66	30.3	31.8	47.6#
65	21.5	15.2	22.8

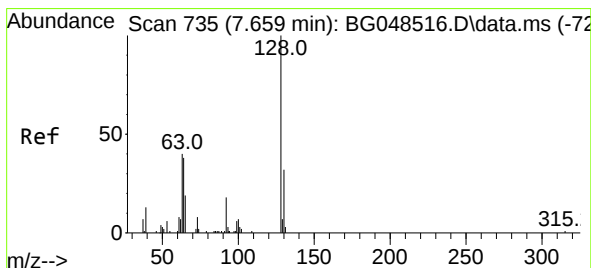
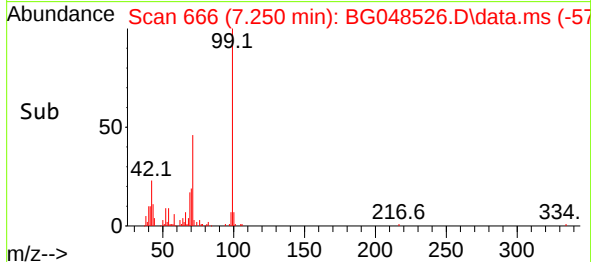
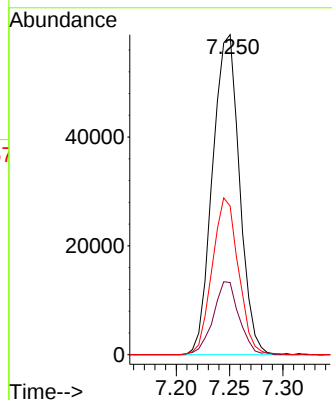
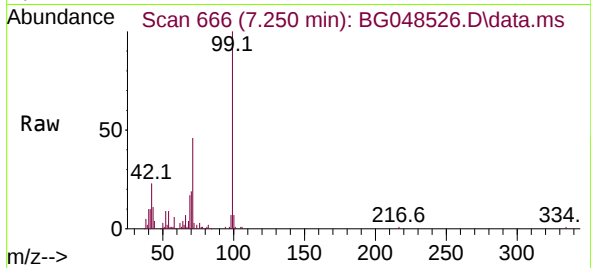




#7
Phenol-d6
Concen: 83.27 ng
RT: 7.250 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

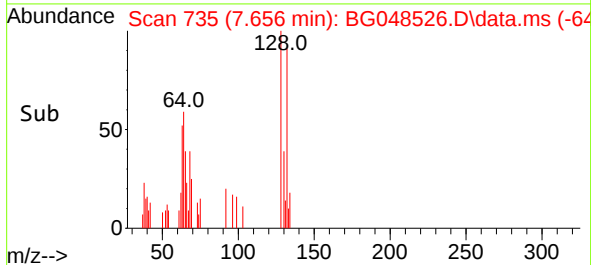
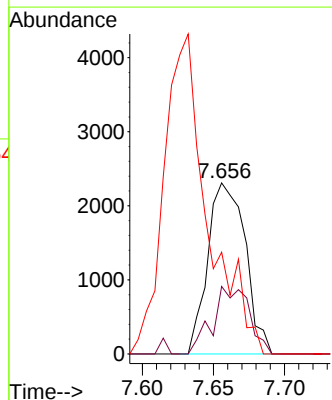
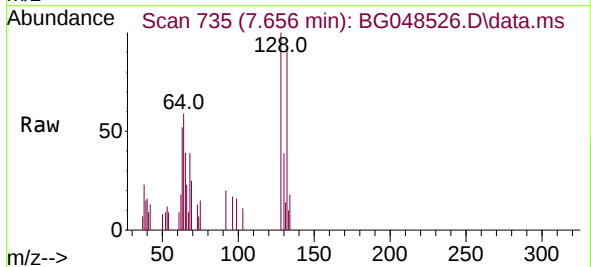
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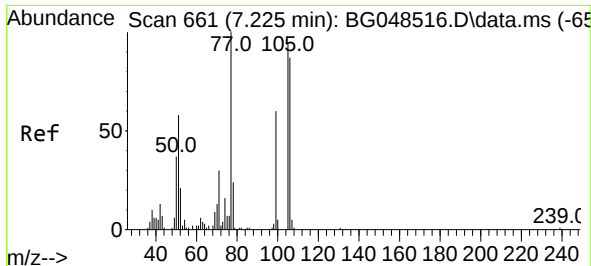
Tgt Ion: 99 Resp: 103317
Ion Ratio Lower Upper
99 100
42 22.6 15.5 23.3
71 46.5 36.6 54.8



#8
2-Chlorophenol
Concen: 4.39 ng
RT: 7.656 min Scan# 735
Delta R.T. -0.007 min
Lab File: BG048526.D
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Tgt Ion: 128 Resp: 4243
Ion Ratio Lower Upper
128 100
130 39.5 12.4 52.4
64 59.4 27.6 67.6

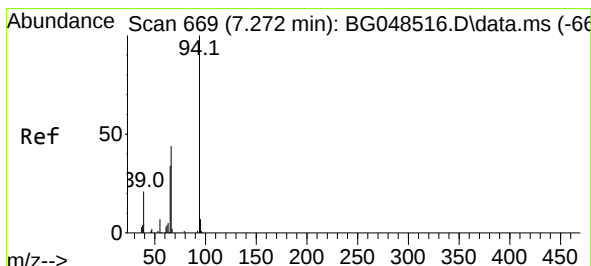
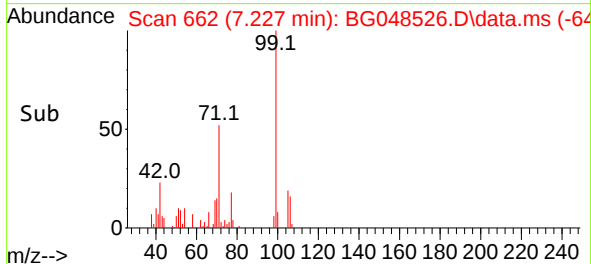
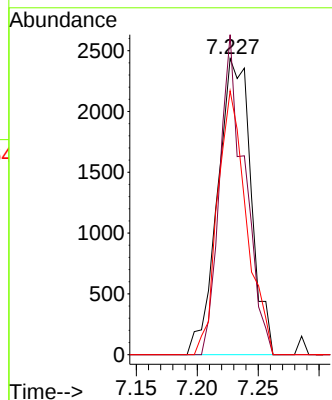
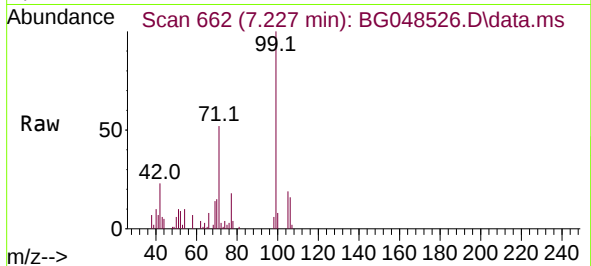




#9
Benzaldehyde
Concen: 5.83 ng
RT: 7.227 min Scan# 662
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

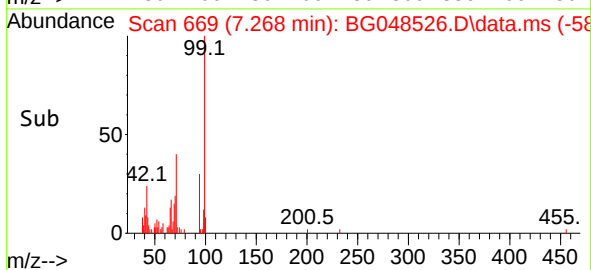
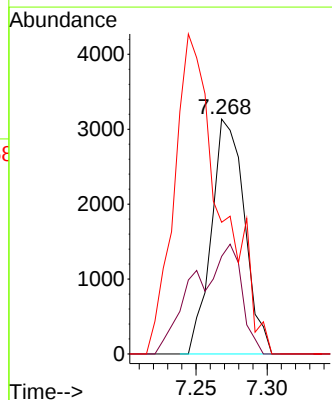
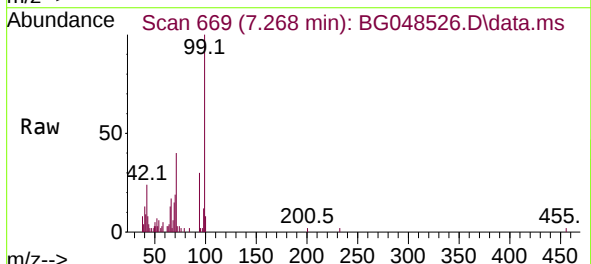
Instrument :
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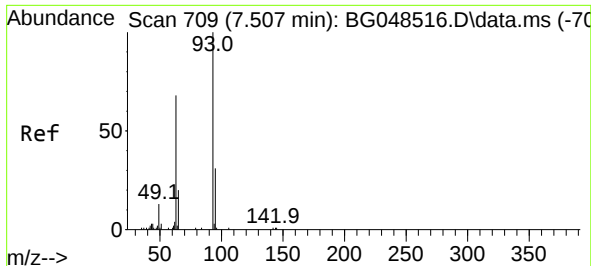
Tgt Ion: 77 Resp: 4627
Ion Ratio Lower Upper
77 100
105 108.0 75.2 115.2
106 89.1 66.5 106.5



#10
Phenol
Concen: 4.08 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 94 Resp: 5071
Ion Ratio Lower Upper
94 100
65 41.5 15.1 55.1
66 56.1 28.9 68.9

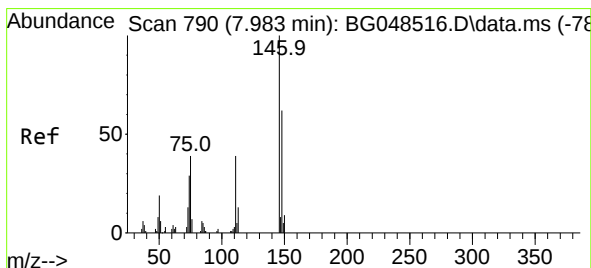
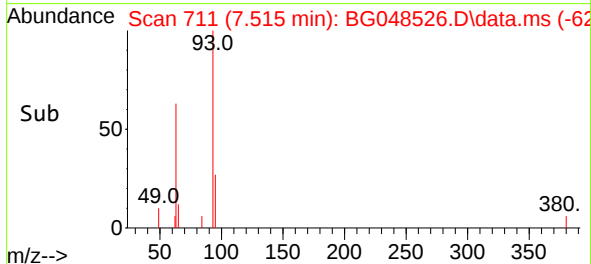
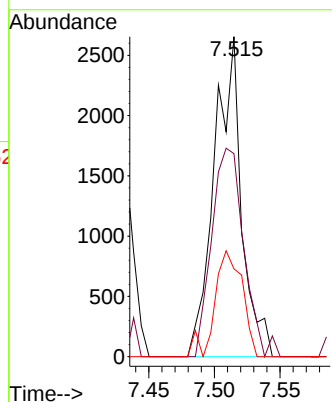
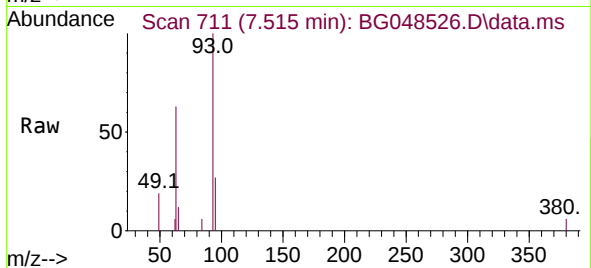




#11
bis(2-Chloroethyl)ether
Concen: 4.46 ng
RT: 7.515 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

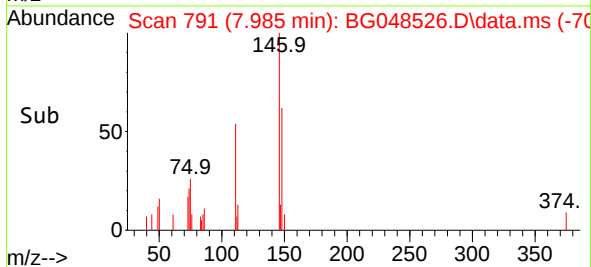
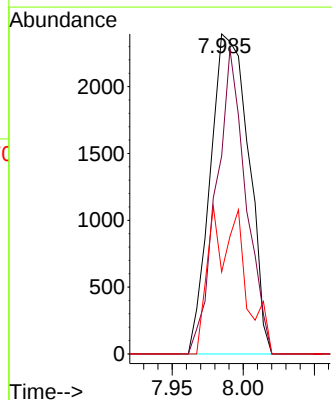
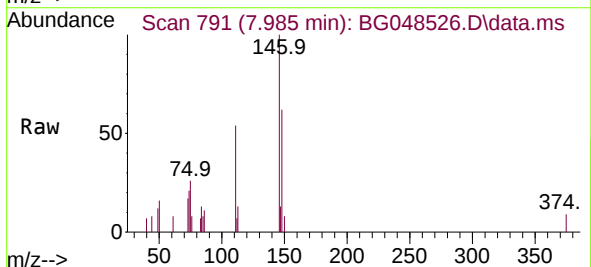
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

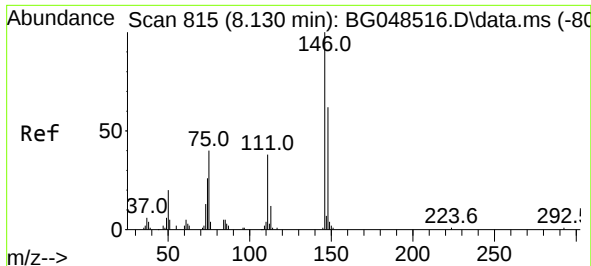
Tgt Ion: 93	Resp:	3840
Ion	Ratio	Lower Upper
93	100	
63	63.5	47.5 87.5
95	27.5	11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 4.13 ng
RT: 7.985 min Scan# 791
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 146	Resp:	4493
Ion	Ratio	Lower Upper
146	100	
148	61.8	49.7 74.5
75	25.6	30.9 46.3

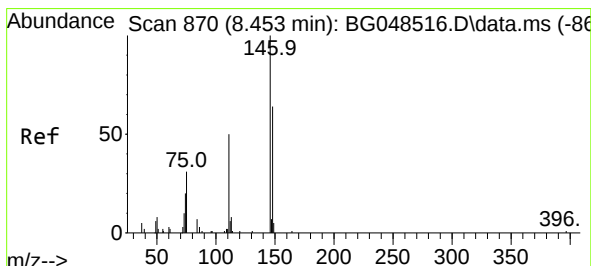
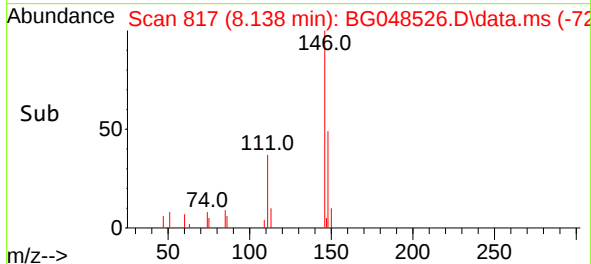
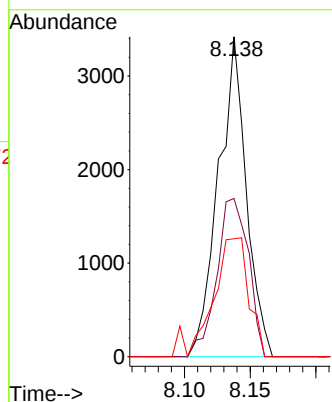
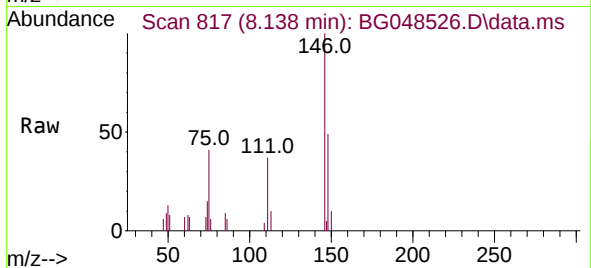




#13
1,4-Dichlorobenzene
Concen: 4.60 ng
RT: 8.138 min Scan# 817
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

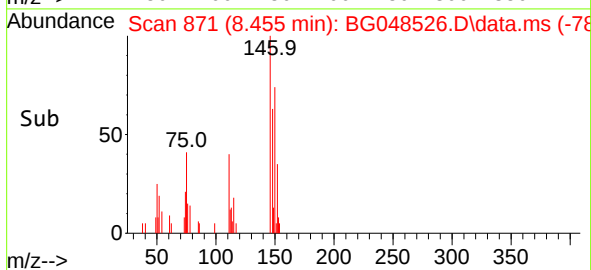
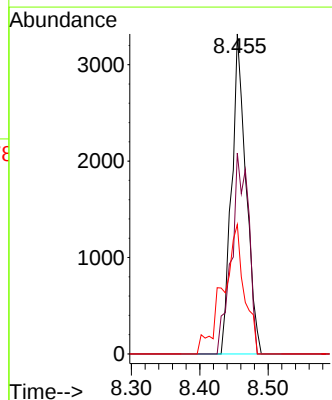
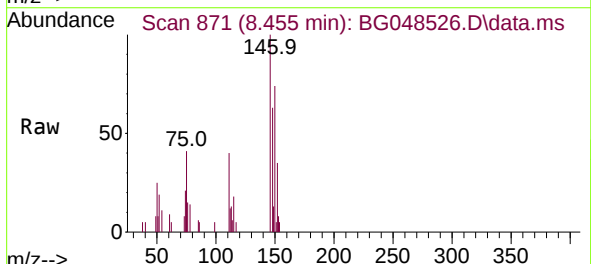
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

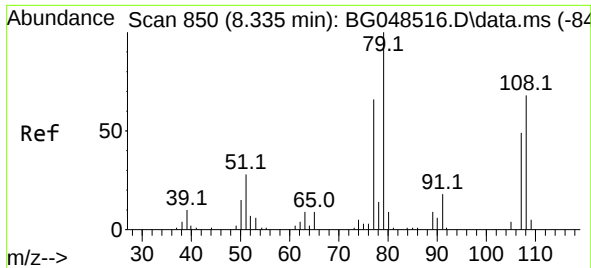
Tgt Ion:146 Resp: 5053
Ion Ratio Lower Upper
146 100
148 49.5 49.7 74.5#
111 36.9 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 4.63 ng m
RT: 8.455 min Scan# 871
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:146 Resp: 4874
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
111 40.4 41.8 62.8#

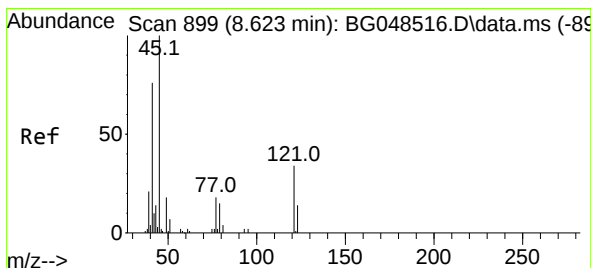
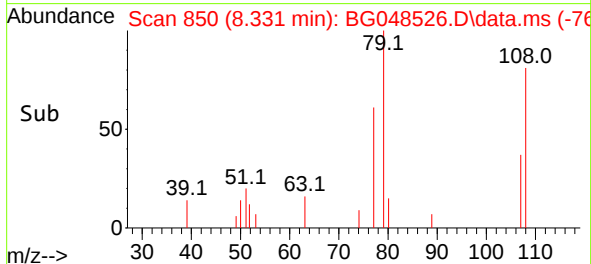
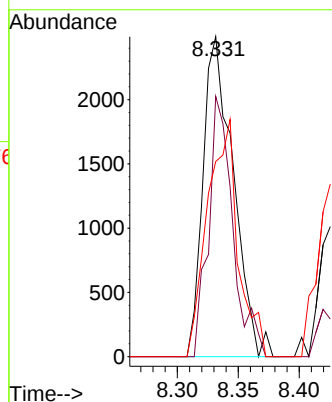
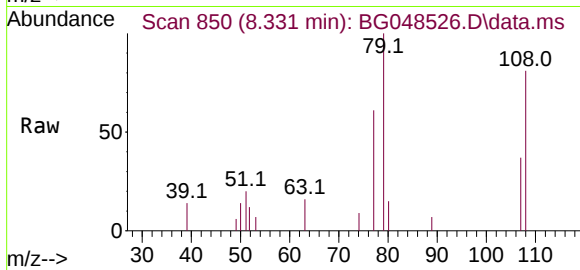




#15
Benzyl Alcohol
Concen: 4.22 ng
RT: 8.331 min Scan# 850
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

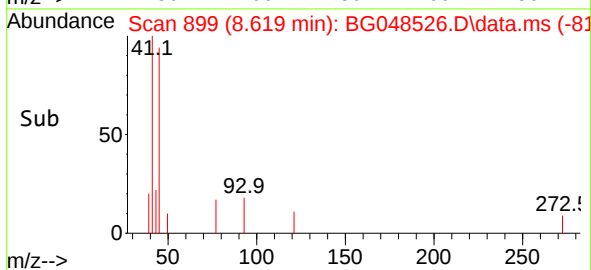
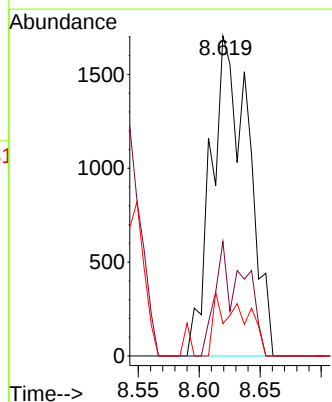
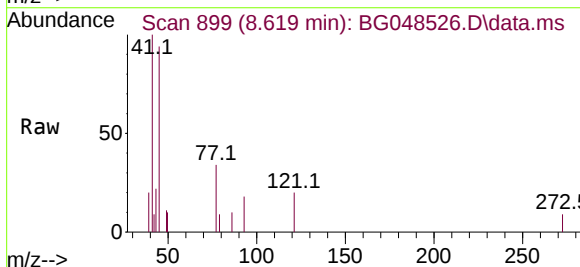
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

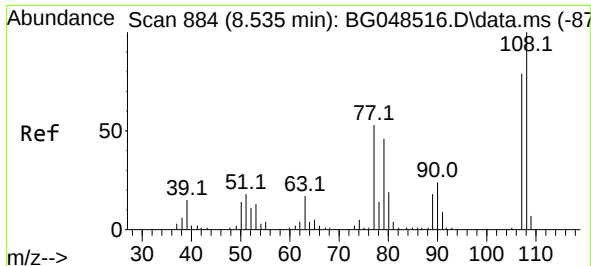
Tgt Ion: 79 Resp: 4290
Ion Ratio Lower Upper
79 100
108 81.4 54.1 81.1#
77 61.0 52.6 79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.35 ng
RT: 8.619 min Scan# 899
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 45 Resp: 3620
Ion Ratio Lower Upper
45 100
77 35.8 0.0 38.4
79 10.1 0.0 34.5

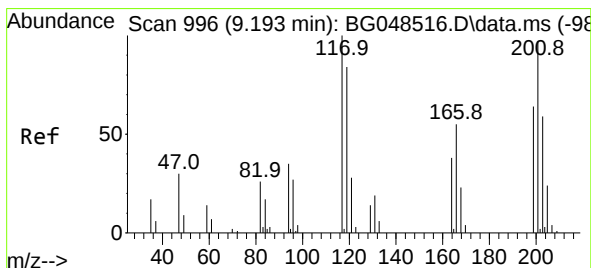
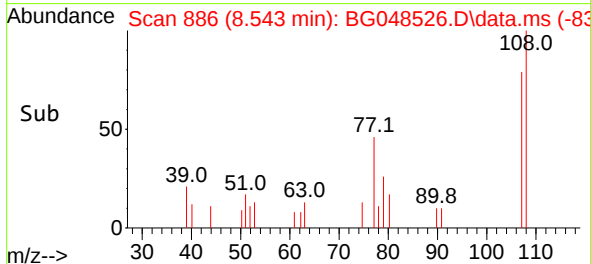
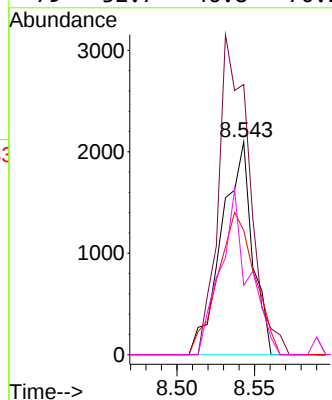
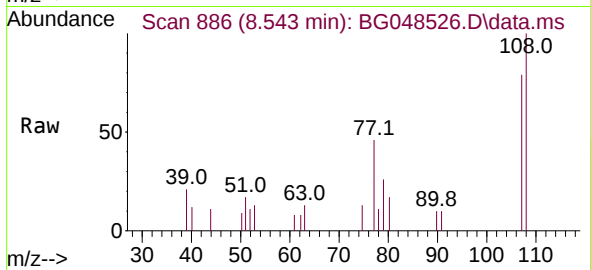




#17
2-Methylphenol
Concen: 3.59 ng
RT: 8.543 min Scan# 886
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

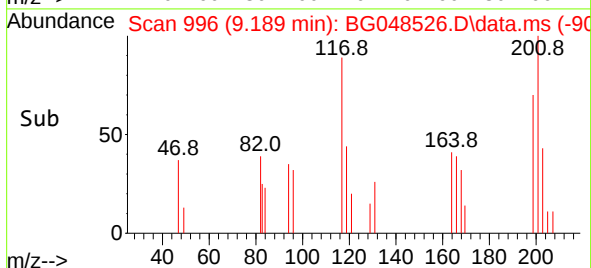
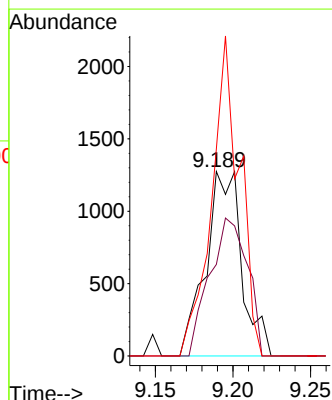
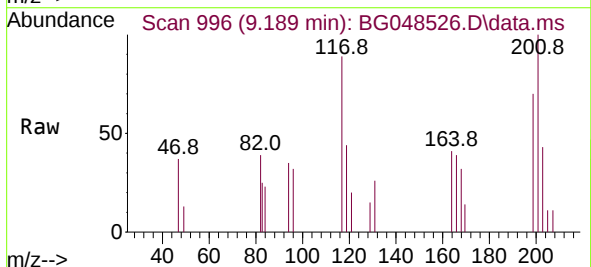
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:107 Resp: 2887
Ion Ratio Lower Upper
107 100
108 127.0 101.7 152.5
77 58.4 54.4 81.6
79 32.7 46.8 70.2#



#18
Hexachloroethane
Concen: 5.04 ng
RT: 9.189 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:117 Resp: 2055
Ion Ratio Lower Upper
117 100
119 49.6 67.0 100.6#
201 112.2 79.8 119.6



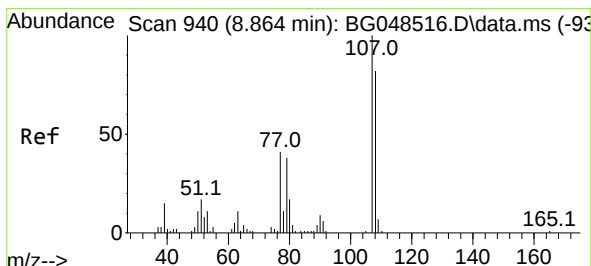
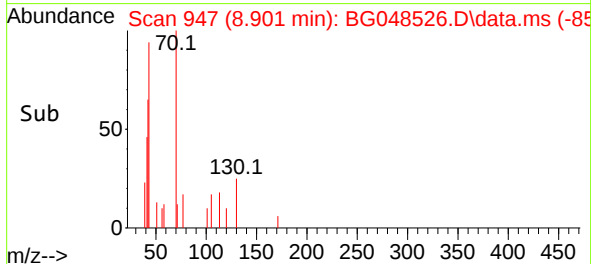
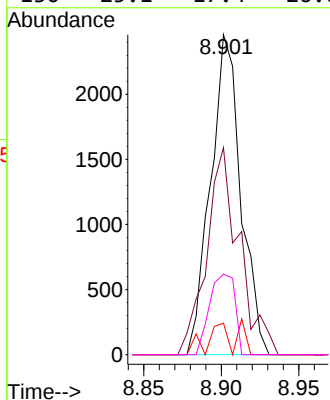
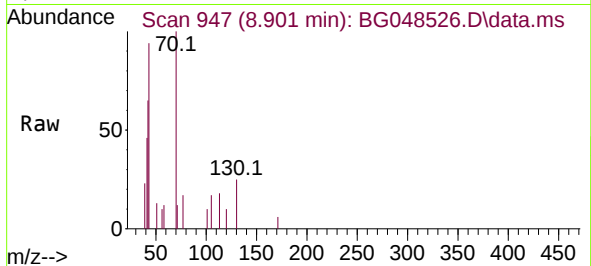


#19
n-Nitroso-di-n-propylamine
Concen: 3.90 ng
RT: 8.901 min Scan# 947
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion: 70 Resp: 3338

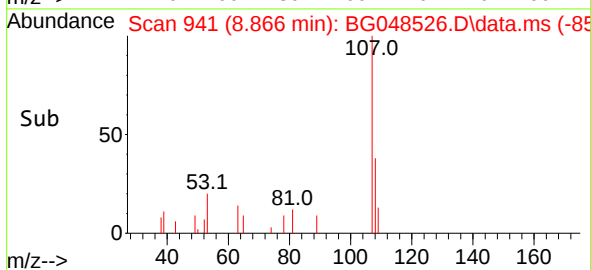
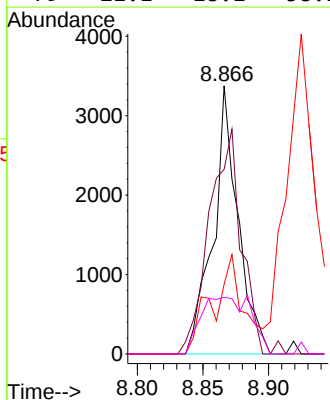
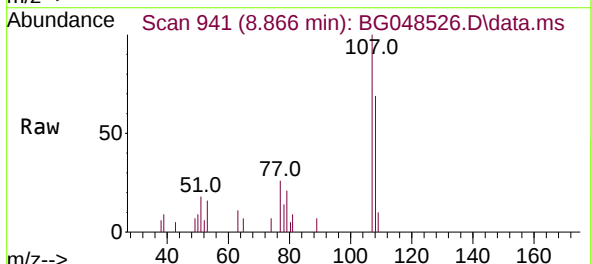
Ion	Ratio	Lower	Upper
70	100		
42	64.7	50.8	76.2
101	9.8	9.7	14.5
130	25.1	17.4	26.0

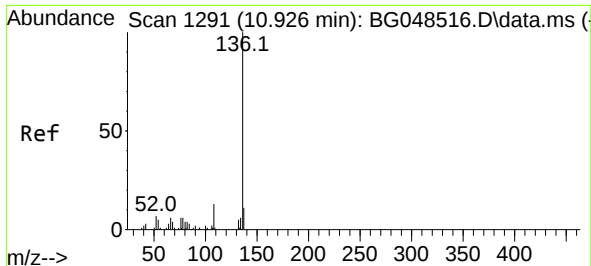


#20
3+4-Methylphenols
Concen: 3.97 ng
RT: 8.866 min Scan# 941
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 107 Resp: 4425

Ion	Ratio	Lower	Upper
107	100		
108	68.8	62.3	102.3
77	26.0	21.3	61.3
79	21.1	18.1	58.1

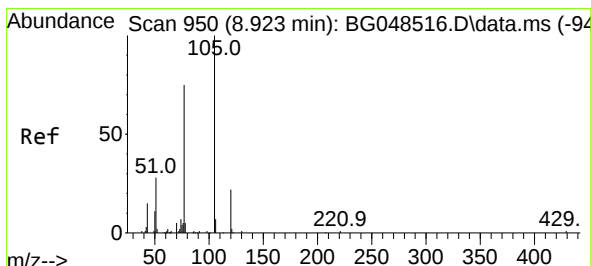
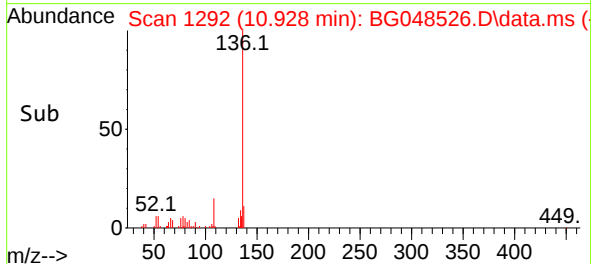
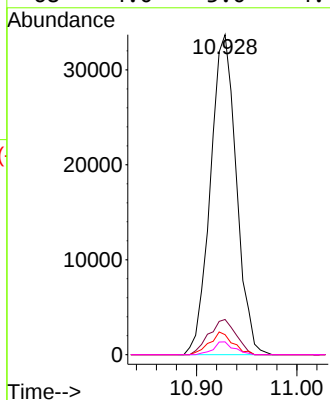
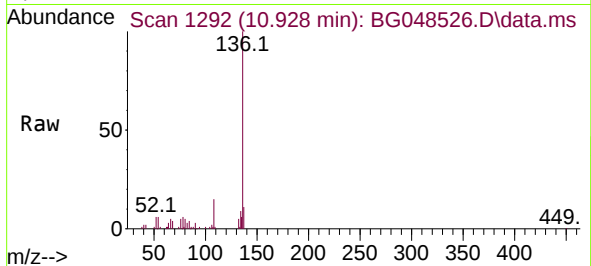




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.928 min Scan# 1292
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

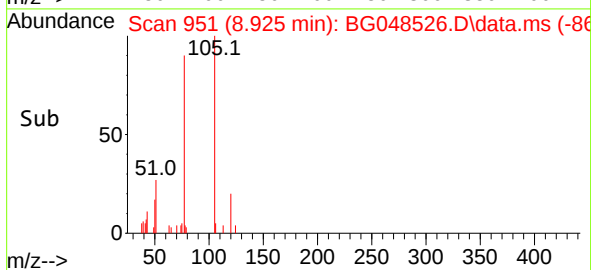
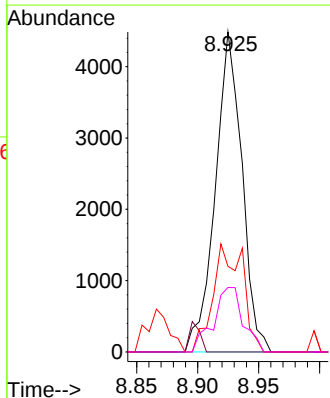
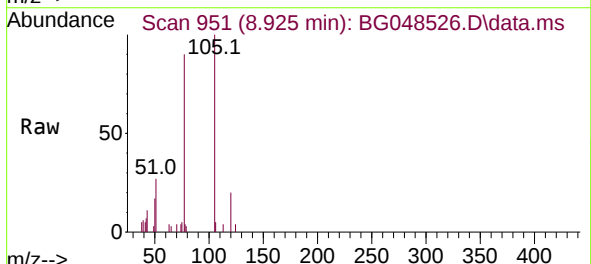
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

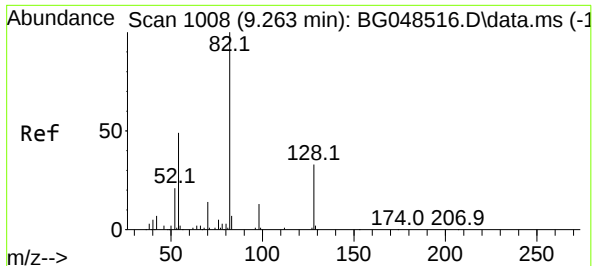
Tgt Ion:	136	Resp:	60416
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	6.3	4.2	6.4
68	4.0	3.0	4.4



#22
Acetophenone
Concen: 4.38 ng
RT: 8.925 min Scan# 951
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	105	Resp:	6826
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	26.8	26.1	39.1
120	20.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 63.89 ng

RT: 9.272 min Scan# 1010

Delta R.T. -0.001 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

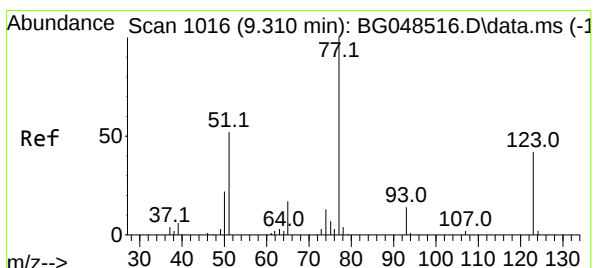
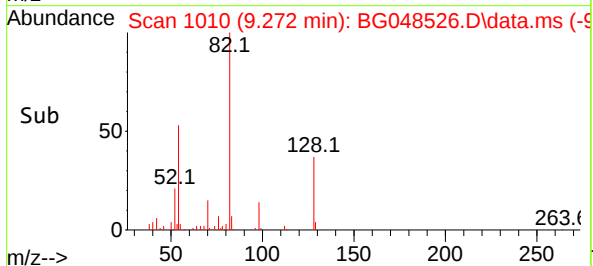
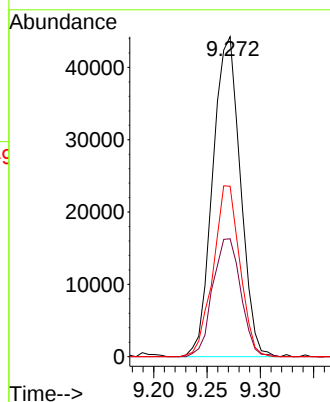
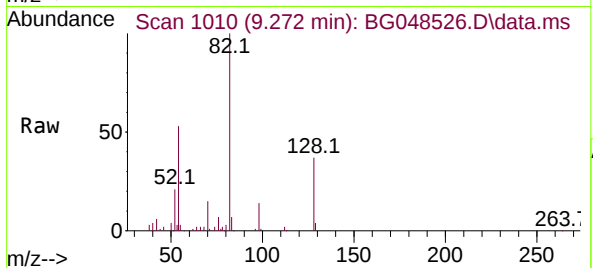
Tgt Ion:	82	Resp:	79725
Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.2	39.4
54	53.3	38.9	58.3

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021



#24

Nitrobenzene

Concen: 4.65 ng

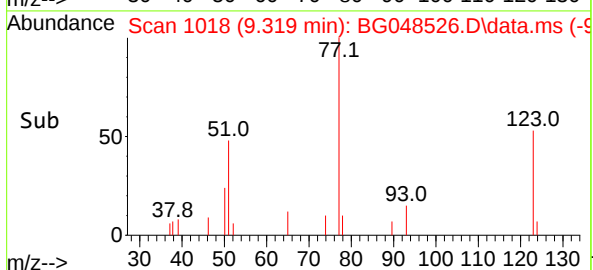
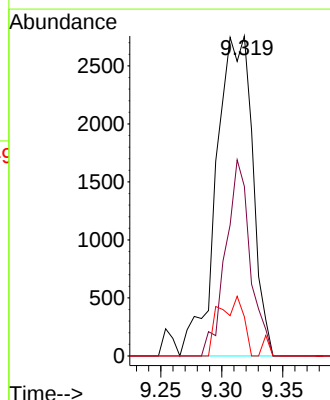
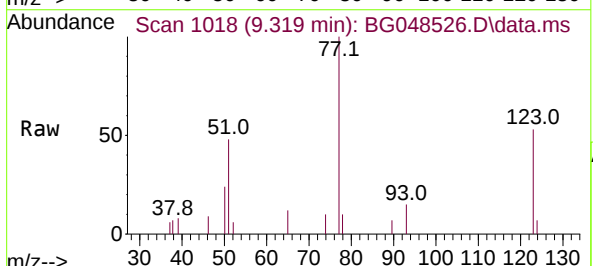
RT: 9.319 min Scan# 1018

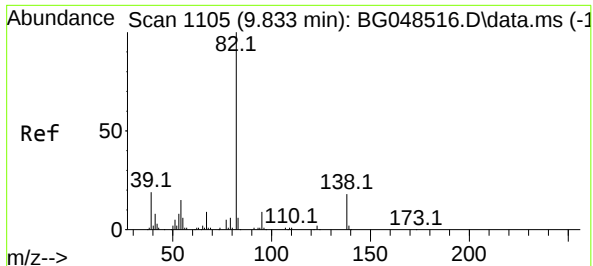
Delta R.T. 0.005 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

Tgt Ion:	77	Resp:	5695
Ion	Ratio	Lower	Upper
77	100		
123	53.0	33.4	50.2#
65	12.2	13.3	19.9#

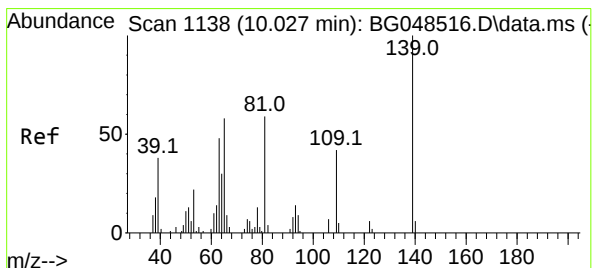
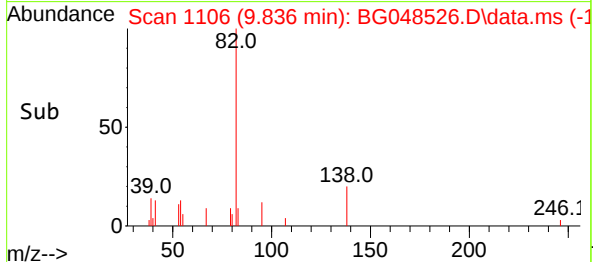
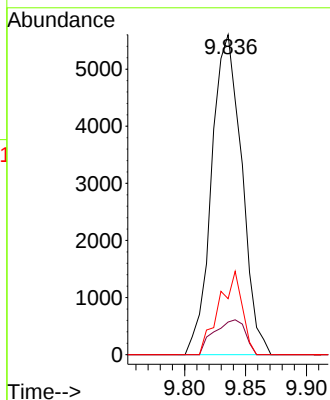
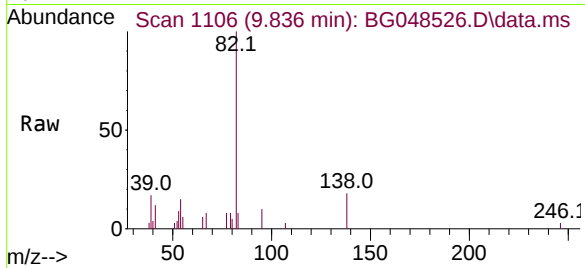




#25
Isophorone
Concen: 4.18 ng
RT: 9.836 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

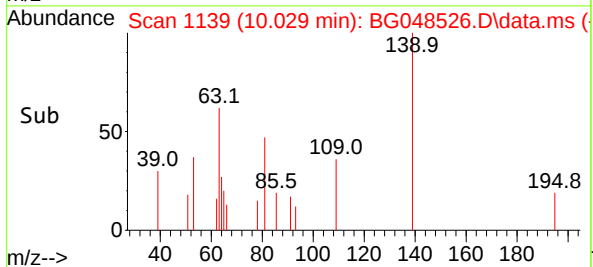
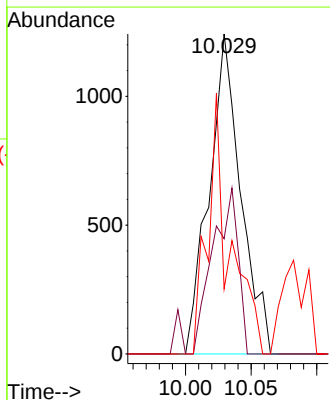
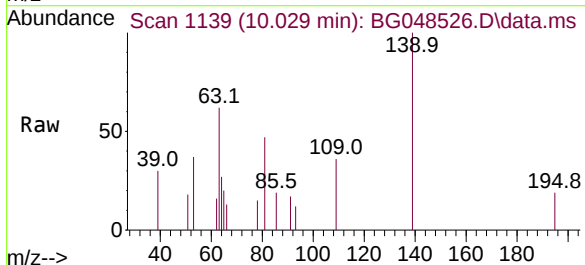
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

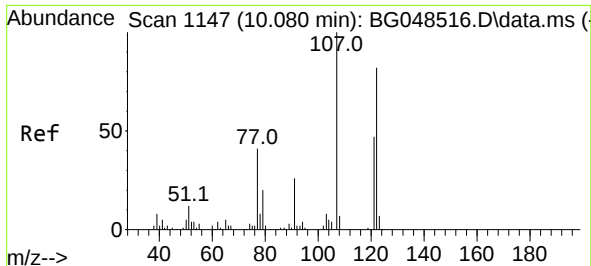
Tgt Ion: 82 Resp: 9634
Ion Ratio Lower Upper
82 100
95 10.2 7.1 10.7
138 17.5 14.8 22.2



#26
2-Nitrophenol
Concen: 3.71 ng
RT: 10.029 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 139 Resp: 2086
Ion Ratio Lower Upper
139 100
109 36.0 33.7 50.5
65 20.4 46.8 70.2#

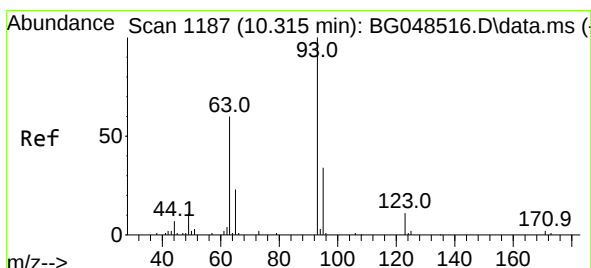
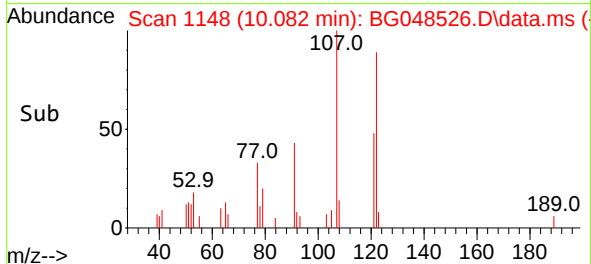
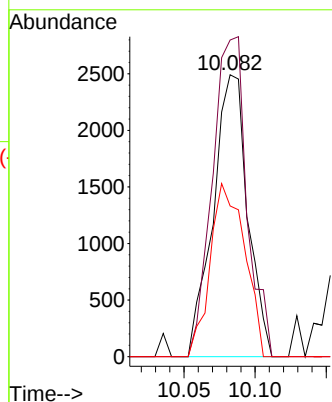
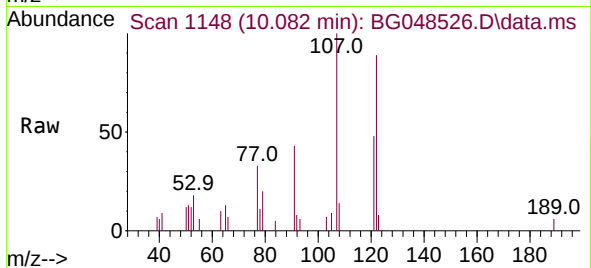




#27
2,4-Dimethylphenol
Concen: 4.76 ng
RT: 10.082 min Scan# 1148
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

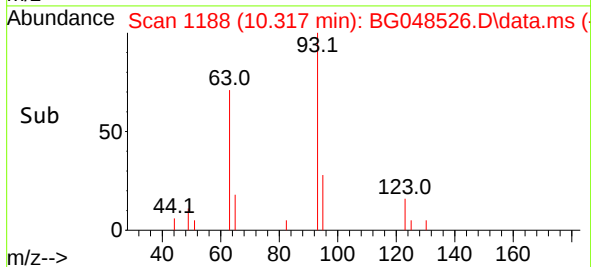
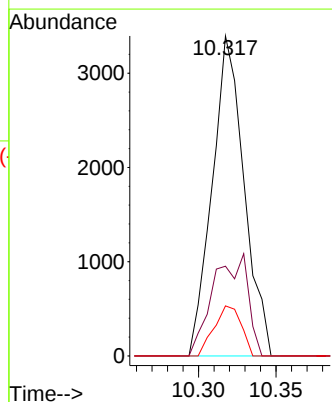
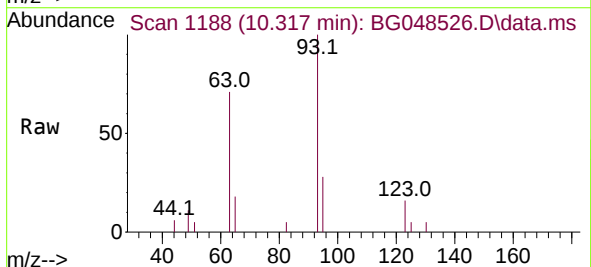
Instrument :
BNA_G
ClientSampleId :
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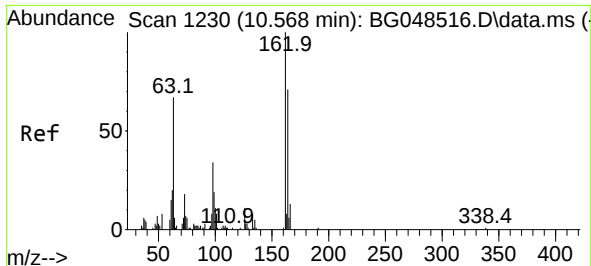
Tgt Ion:122 Resp: 4217
Ion Ratio Lower Upper
122 100
107 112.3 96.6 145.0
121 53.5 45.3 67.9



#28
bis(2-Chloroethoxy)methane
Concen: 4.59 ng
RT: 10.317 min Scan# 1188
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 93 Resp: 4849
Ion Ratio Lower Upper
93 100
95 28.1 27.0 40.6
123 15.6 9.0 13.6#

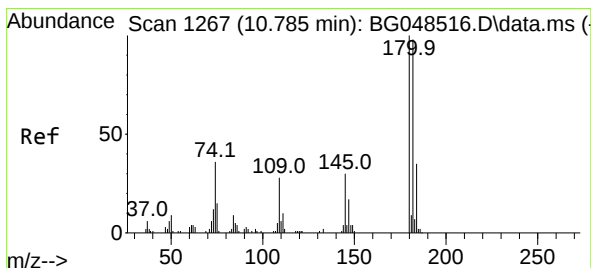
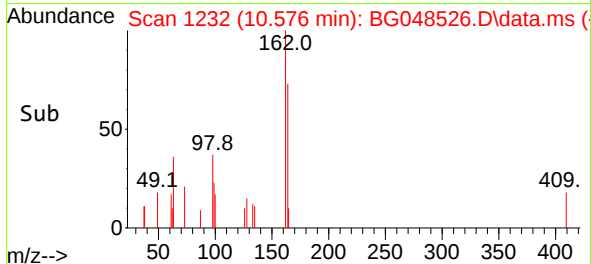
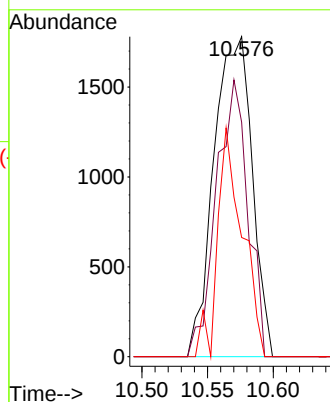
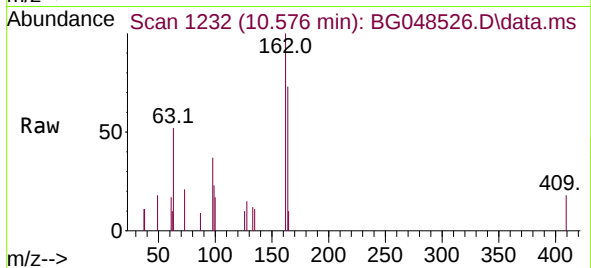




#29
2,4-Dichlorophenol
Concen: 3.60 ng
RT: 10.576 min Scan# 1232
Delta R.T. 0.005 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

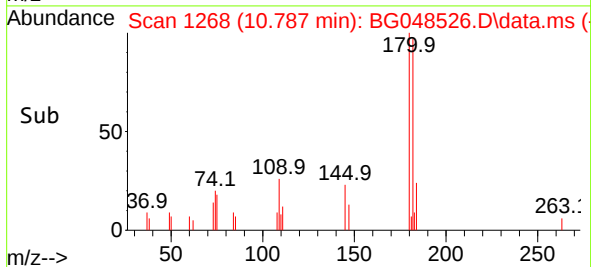
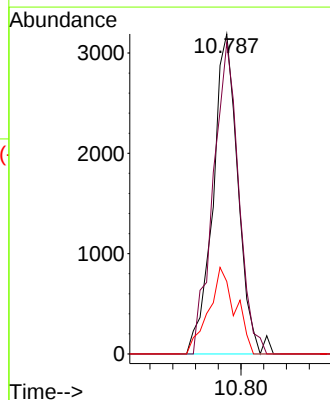
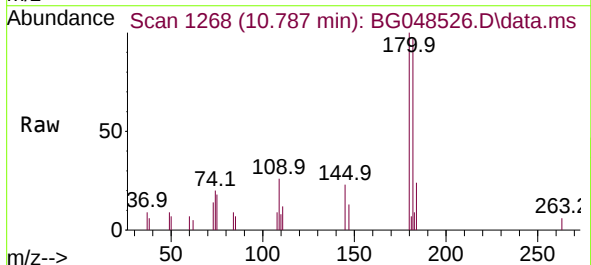
Instrument :
BNA_G
ClientSampleId :
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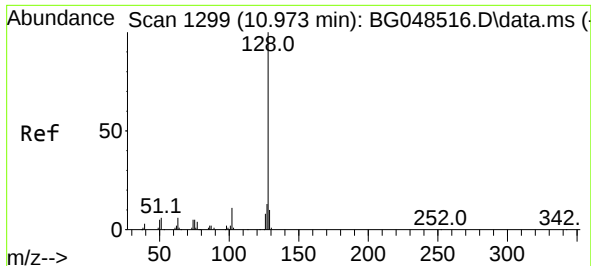
Tgt Ion:162 Resp: 3610
Ion Ratio Lower Upper
162 100
164 83.5 51.2 91.2
98 37.2 13.6 53.6



#30
1,2,4-Trichlorobenzene
Concen: 4.23 ng
RT: 10.787 min Scan# 1268
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:180 Resp: 4877
Ion Ratio Lower Upper
180 100
182 106.3 78.8 118.2
145 22.7 24.0 36.0#

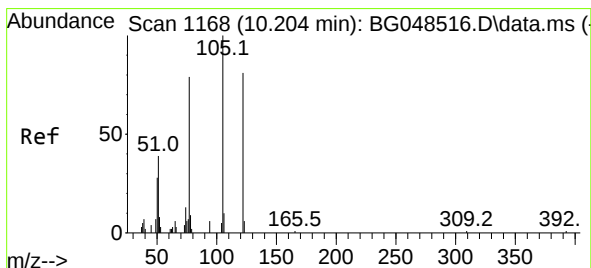
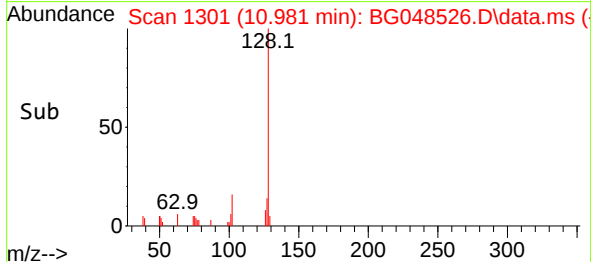
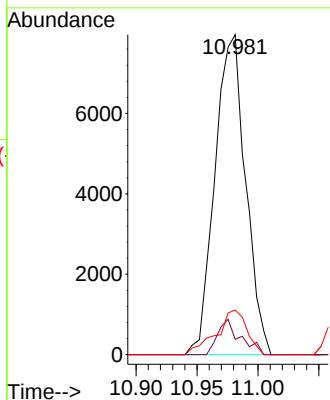
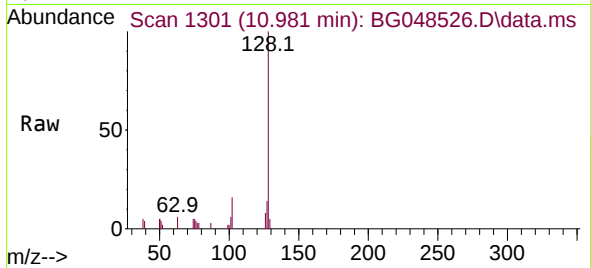




#31
Naphthalene
Concen: 4.49 ng
RT: 10.981 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

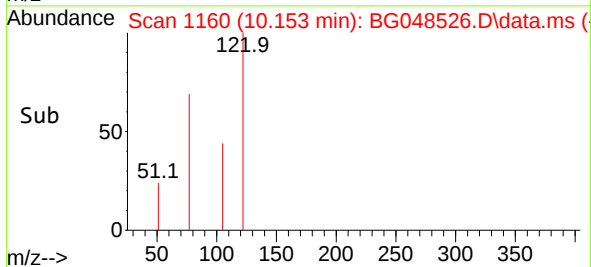
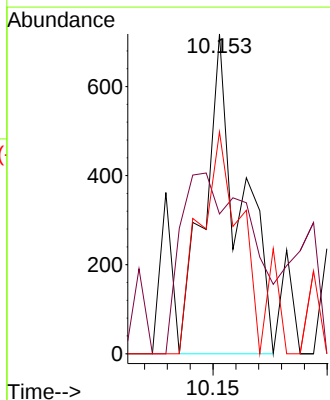
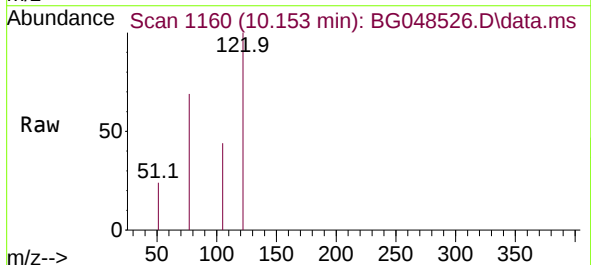
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

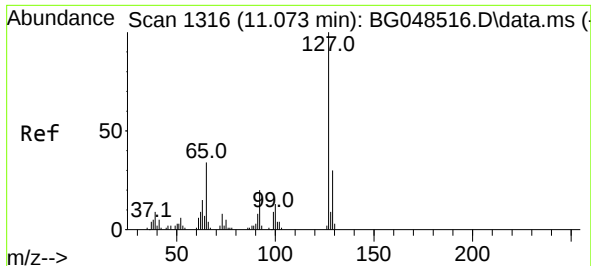
Tgt Ion:128 Resp: 13953
Ion Ratio Lower Upper
128 100
129 4.8 8.2 12.2#
127 14.0 10.6 16.0



#32
Benzoic acid
Concen: 1.16 ng m
RT: 10.153 min Scan# 1160
Delta R.T. -0.060 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:122 Resp: 790
Ion Ratio Lower Upper
122 100
105 43.7 97.1 137.1#
77 69.4 76.8 116.8#

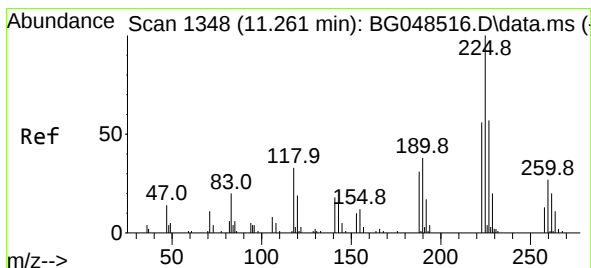
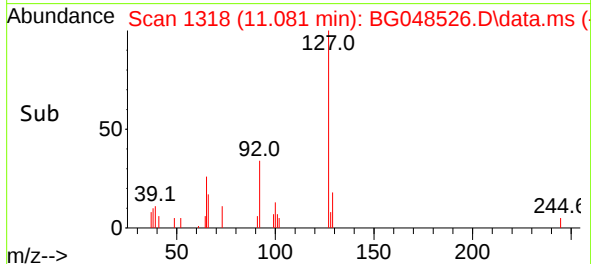
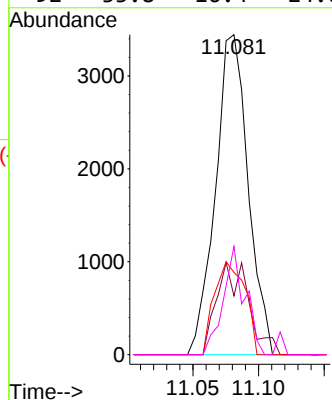
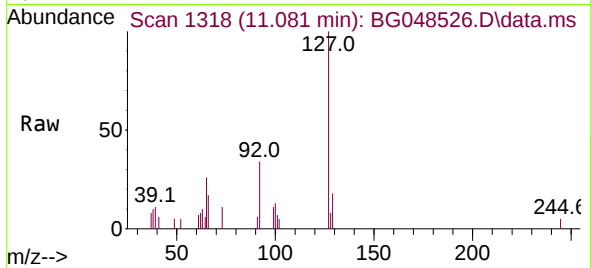




#33
4-Chloroaniline
Concen: 4.55 ng
RT: 11.081 min Scan# 1318
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

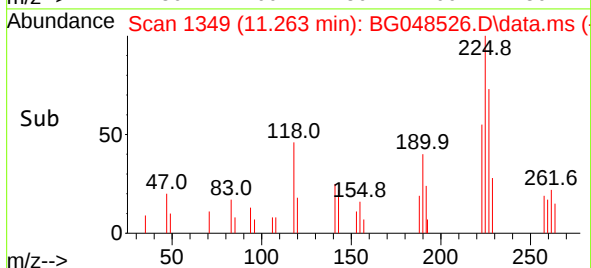
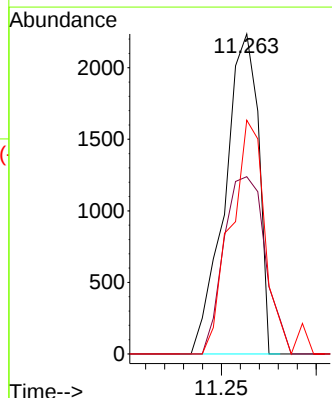
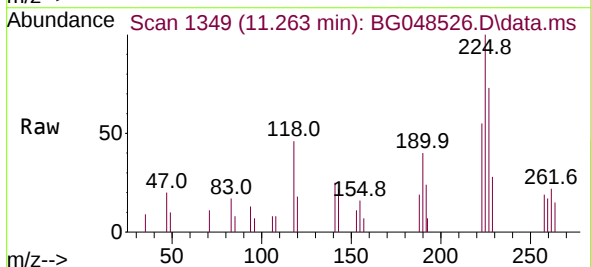
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

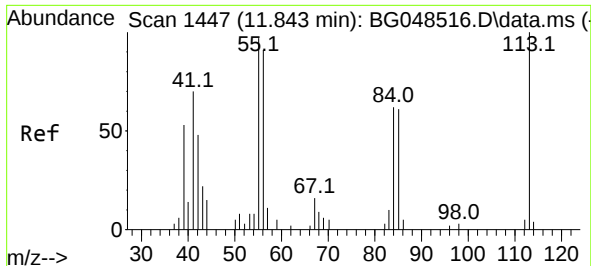
Tgt Ion:	127	Resp:	5959
Ion	Ratio	Lower	Upper
127	100		
129	18.4	24.3	36.5#
65	25.7	27.0	40.4#
92	33.8	16.4	24.6#



#34
Hexachlorobutadiene
Concen: 3.28 ng
RT: 11.263 min Scan# 1349
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	225	Resp:	2762
Ion	Ratio	Lower	Upper
225	100		
223	55.4	44.8	67.2
227	73.1	45.4	68.0#

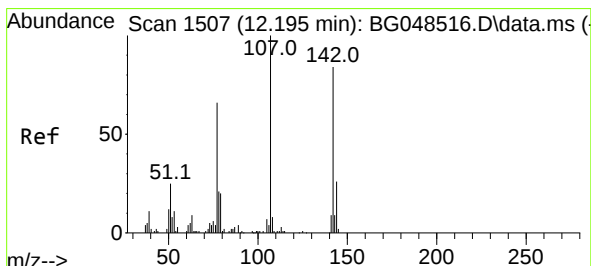
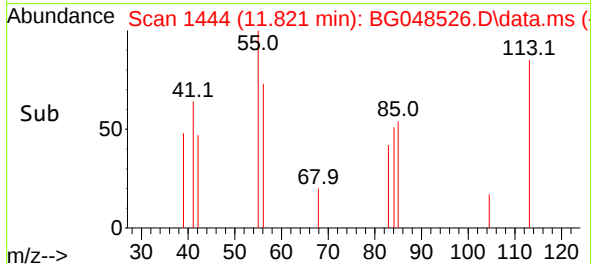
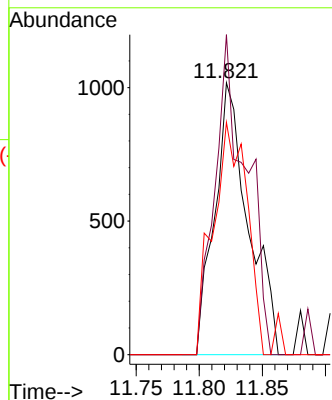
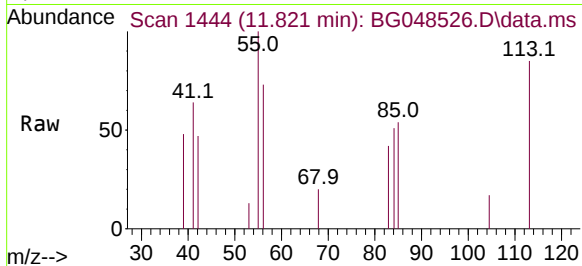




#35
Caprolactam
Concen: 5.18 ng m
RT: 11.821 min Scan# 1444
Delta R.T. -0.037 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

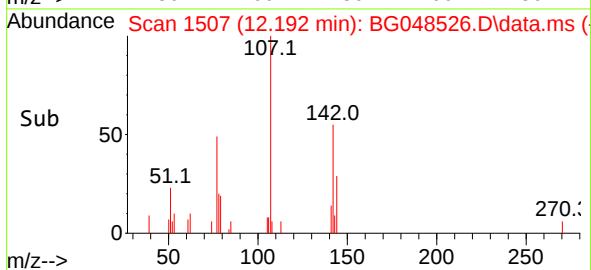
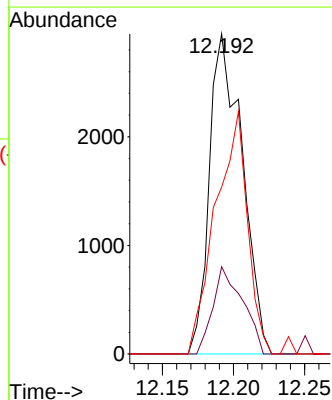
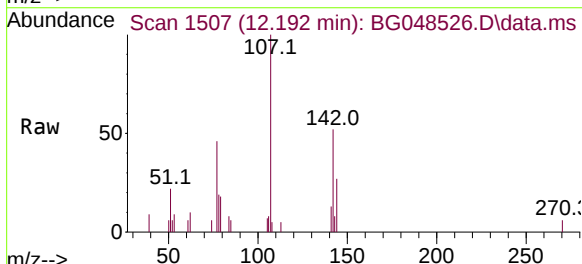
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

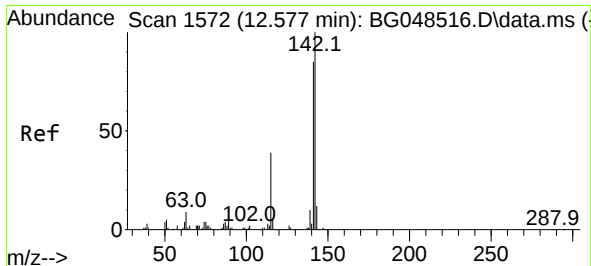
Tgt Ion:113 Resp: 1896
Ion Ratio Lower Upper
113 100
55 117.7 76.8 116.8#
56 85.5 71.1 111.1



#36
4-Chloro-3-methylphenol
Concen: 4.20 ng
RT: 12.192 min Scan# 1507
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:107 Resp: 4732
Ion Ratio Lower Upper
107 100
144 27.3 20.6 31.0
142 52.2 67.0 100.6#

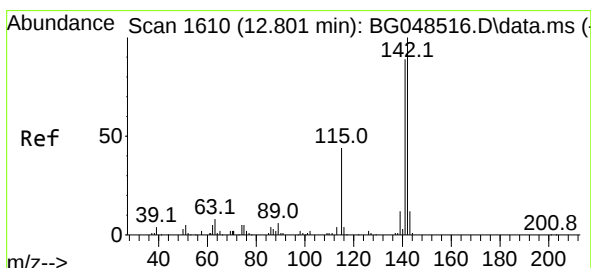
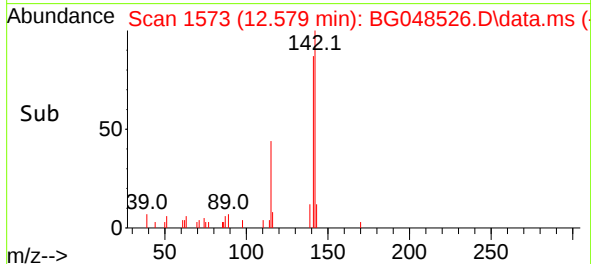
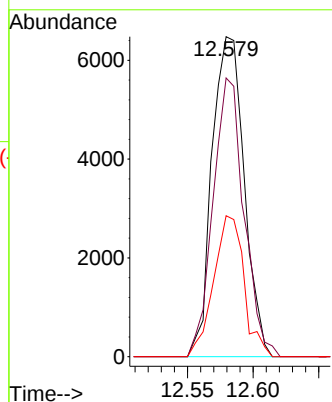
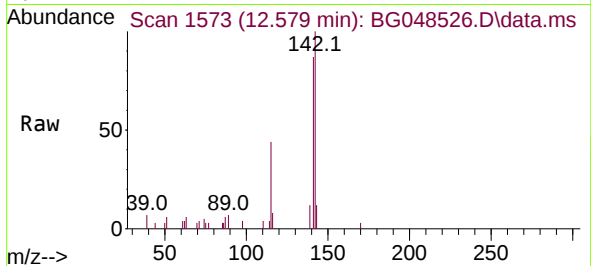




#37
2-Methylnaphthalene
Concen: 4.47 ng
RT: 12.579 min Scan# 1573
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

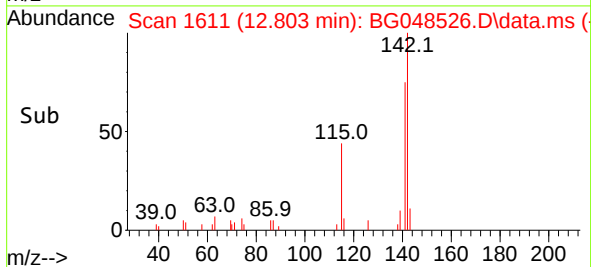
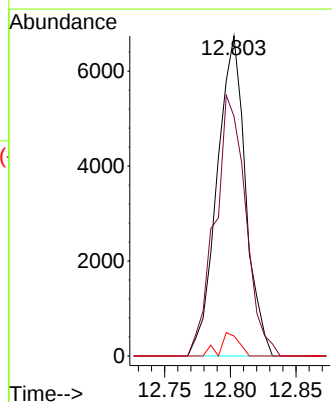
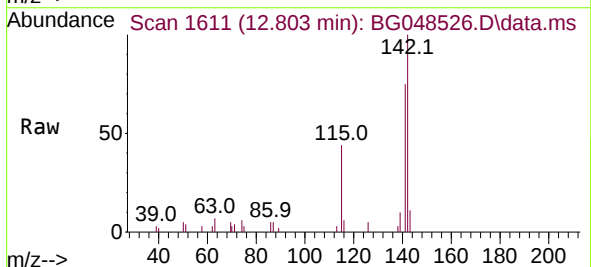
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

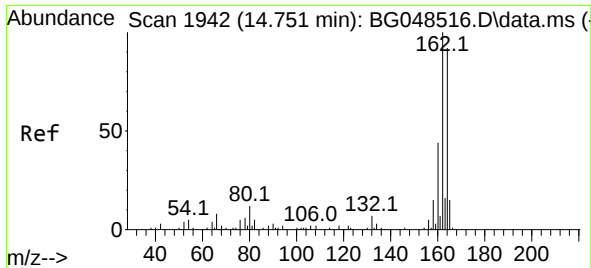
Tgt Ion:142 Resp: 11044
Ion Ratio Lower Upper
142 100
141 87.1 68.2 102.4
115 44.1 30.8 46.2



#38
1-Methylnaphthalene
Concen: 4.33 ng
RT: 12.803 min Scan# 1611
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:142 Resp: 10212
Ion Ratio Lower Upper
142 100
141 74.9 71.2 106.8
116 6.3 3.4 5.0#

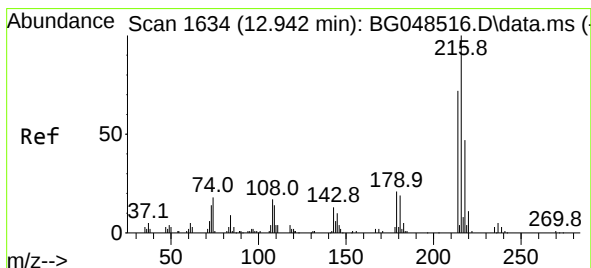
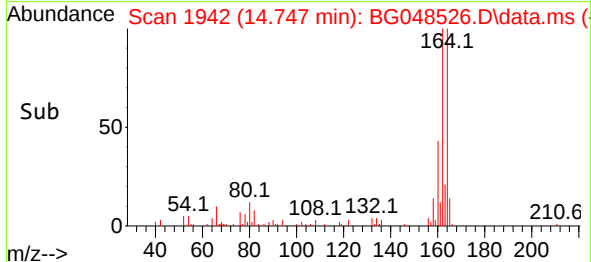
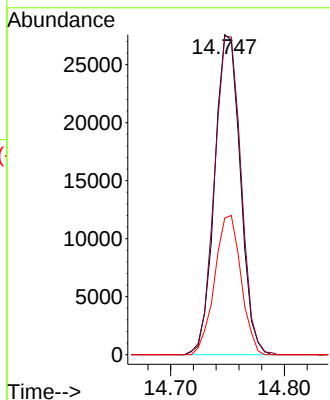
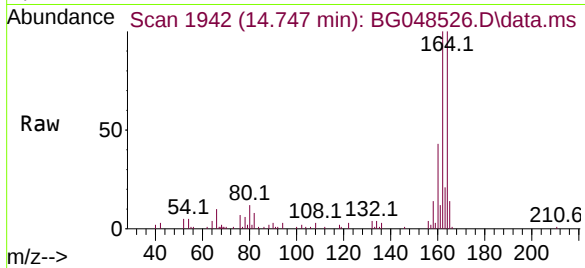




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

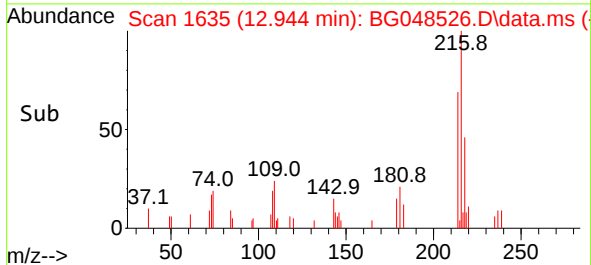
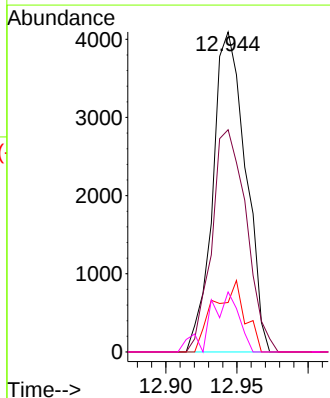
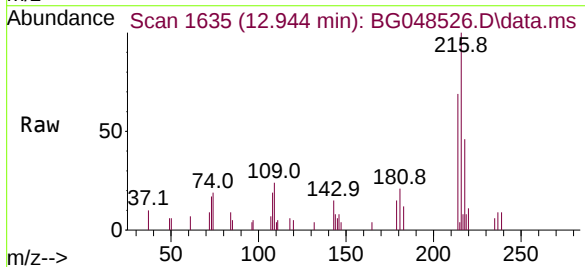
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

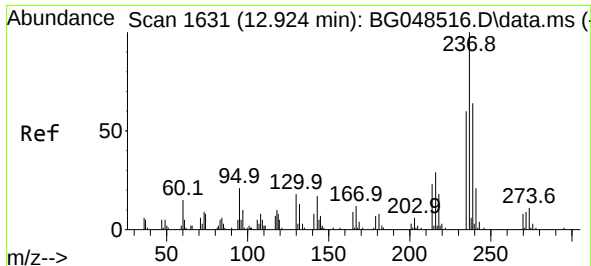
Tgt Ion:164	Resp:	43291
Ion Ratio	Lower	Upper
164	100	
162	99.5	87.0 130.6
160	42.7	38.4 57.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.90 ng
RT: 12.944 min Scan# 1635
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:216	Resp:	6582
Ion Ratio	Lower	Upper
216	100	
214	73.0	61.1 91.7
179	20.8	17.3 25.9
108	16.4	15.2 22.8

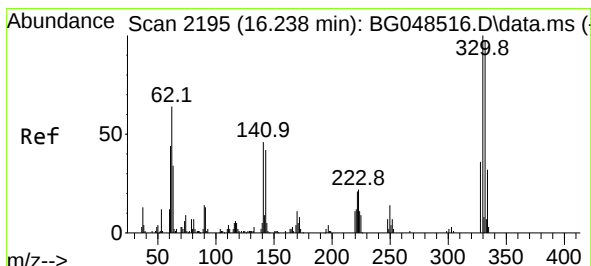
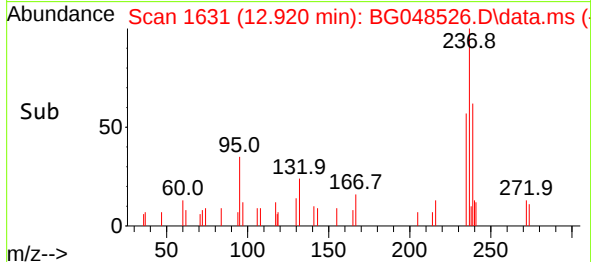
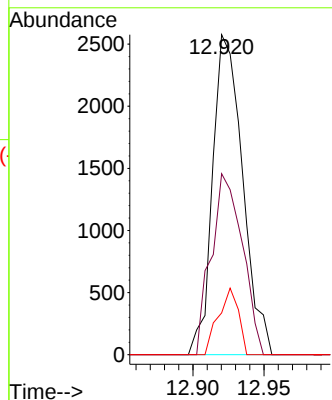
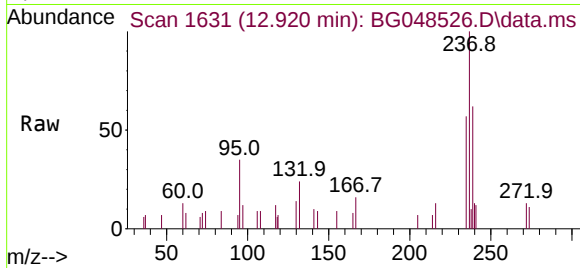




#41
Hexachlorocyclopentadiene
Concen: 4.86 ng
RT: 12.920 min Scan# 1631
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

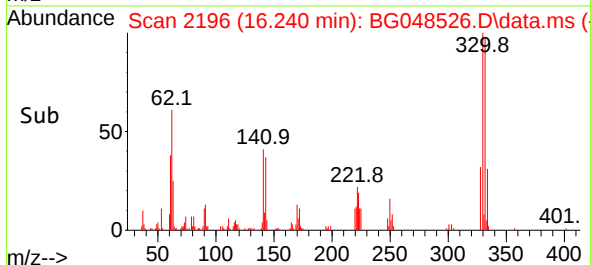
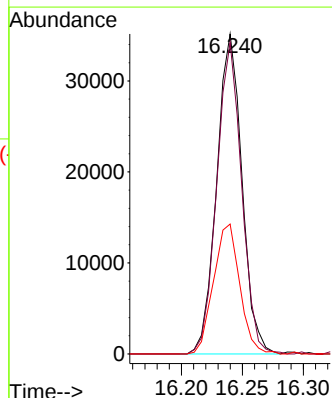
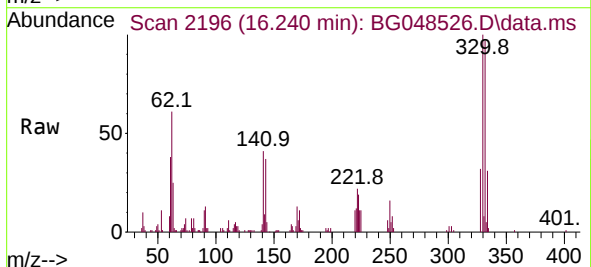
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

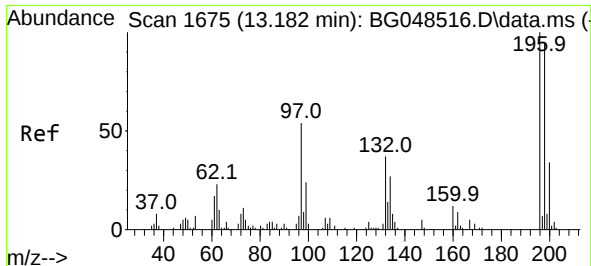
Tgt Ion:	237	Resp:	3780
Ion	Ratio	Lower	Upper
237	100		
235	56.6	39.7	79.7
272	13.0	0.0	28.8



#42
2,4,6-Tribromophenol
Concen: 89.20 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	330	Resp:	50762
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	42.1	34.6	52.0

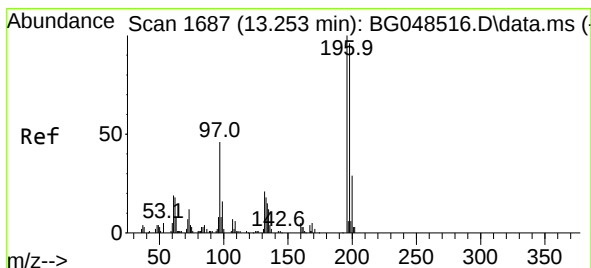
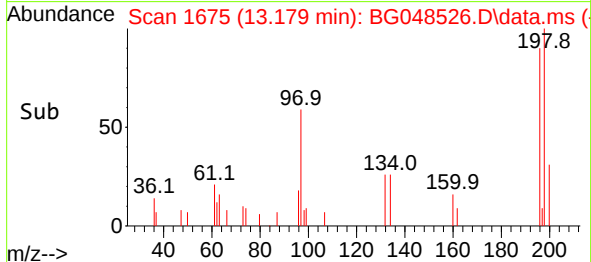
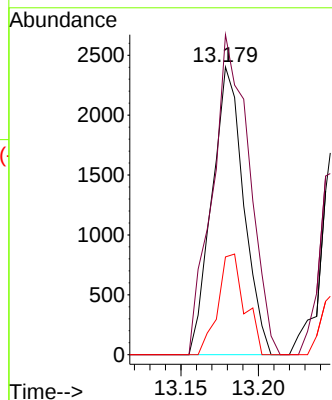
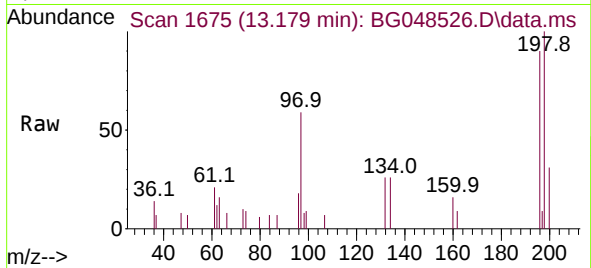




#43
2,4,6-Trichlorophenol
Concen: 3.70 ng
RT: 13.179 min Scan# 1675
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

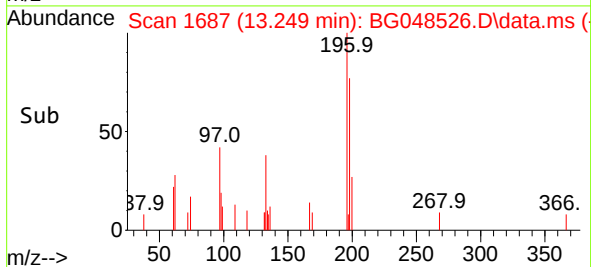
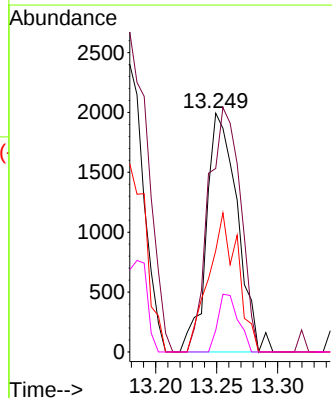
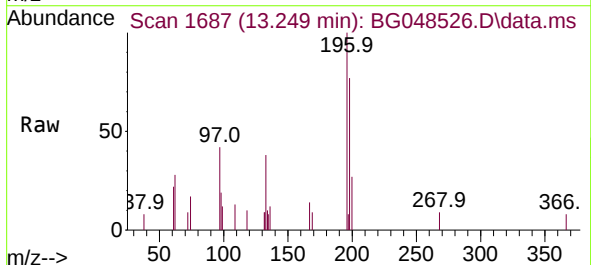
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

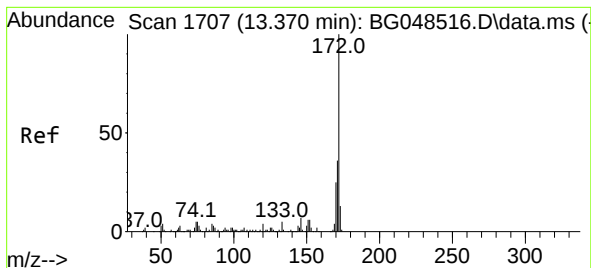
Tgt Ion:196 Resp: 3414
Ion Ratio Lower Upper
196 100
198 111.2 75.8 113.6
200 34.0 27.0 40.6



#44
2,4,5-Trichlorophenol
Concen: 3.57 ng
RT: 13.249 min Scan# 1687
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:196 Resp: 3525
Ion Ratio Lower Upper
196 100
198 76.8 77.1 115.7#
97 42.4 37.5 56.3
132 9.1 17.3 25.9#

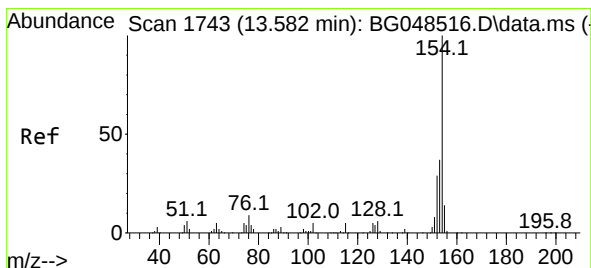
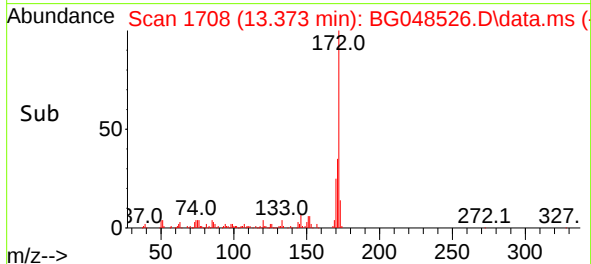
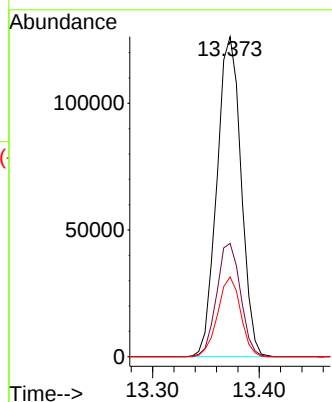
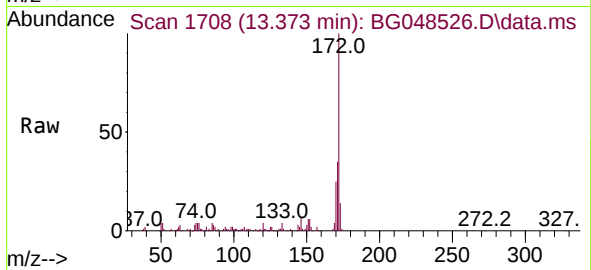




#45
2-Fluorobiphenyl
Concen: 68.17 ng
RT: 13.373 min Scan# 1708
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

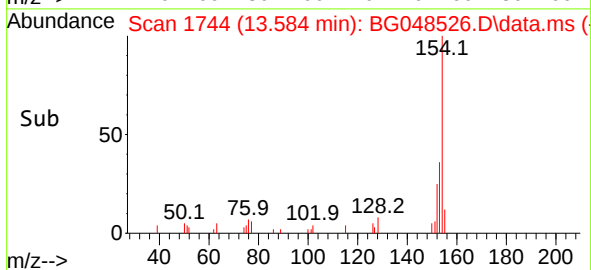
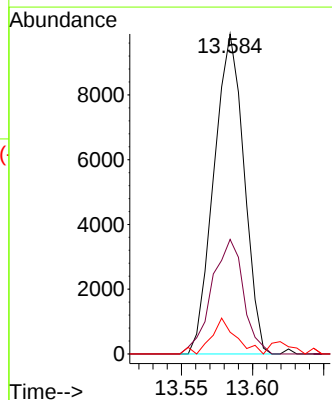
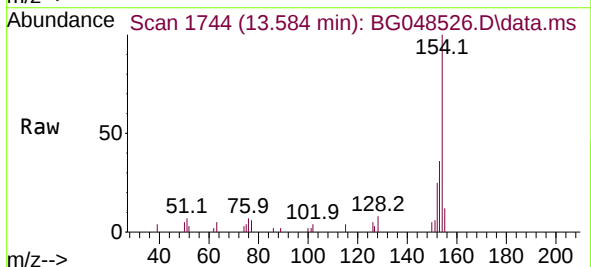
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

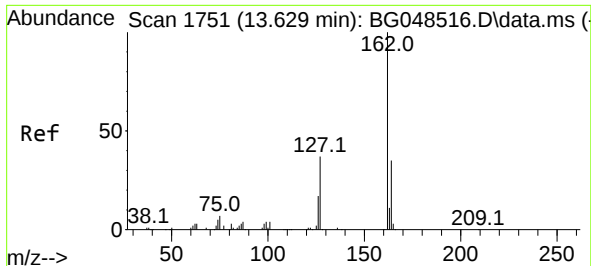
Tgt Ion:172	Resp:	198550
Ion Ratio	Lower	Upper
172	100	
171	35.4	28.5 42.7
170	24.9	19.8 29.6



#46
1,1'-Biphenyl
Concen: 4.60 ng
RT: 13.584 min Scan# 1744
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:154	Resp:	14551
Ion Ratio	Lower	Upper
154	100	
153	35.8	17.3 57.3
76	6.8	0.0 28.6

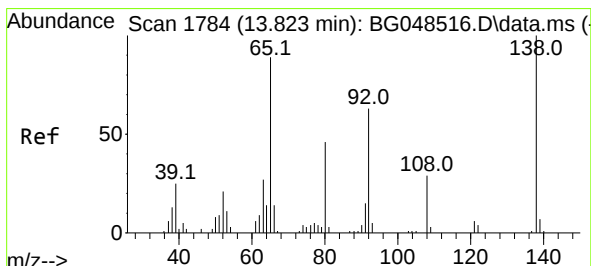
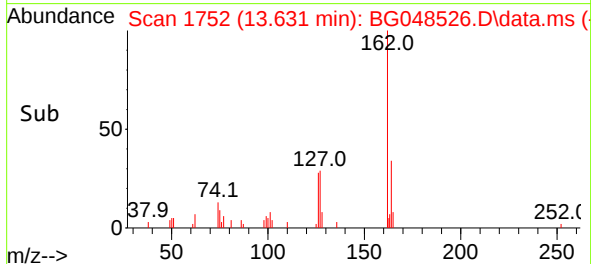
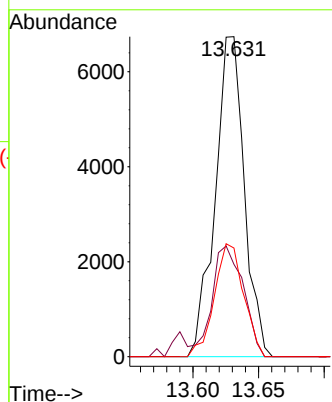
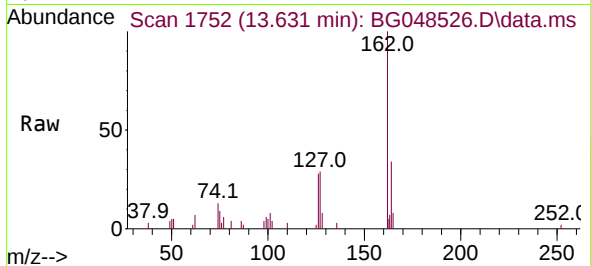




#47
2-Chloronaphthalene
Concen: 4.32 ng
RT: 13.631 min Scan# 1752
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

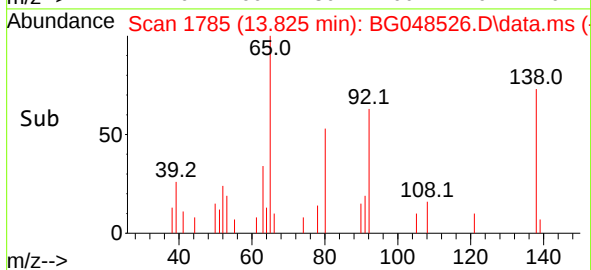
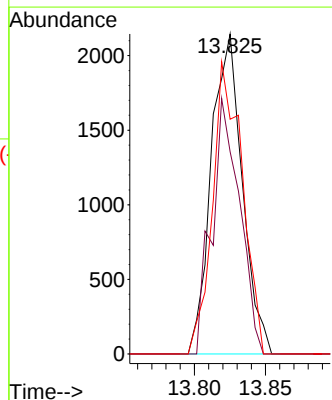
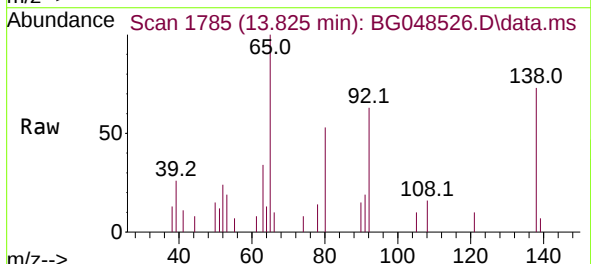
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

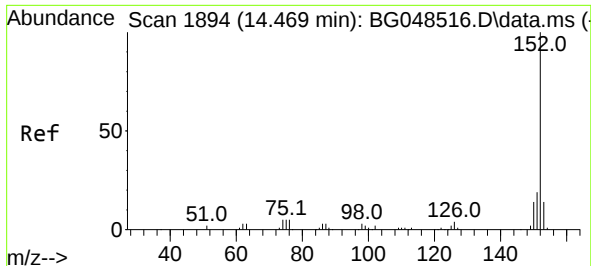
Tgt Ion:	162	Resp:	10412
Ion Ratio	Lower	Upper	
162	100		
127	27.5	31.8	47.8#
164	32.4	27.8	41.6



#48
2-Nitroaniline
Concen: 4.24 ng
RT: 13.825 min Scan# 1785
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	65	Resp:	3250
Ion Ratio	Lower	Upper	
65	100		
92	63.2	56.7	85.1
138	73.3	89.6	134.4#

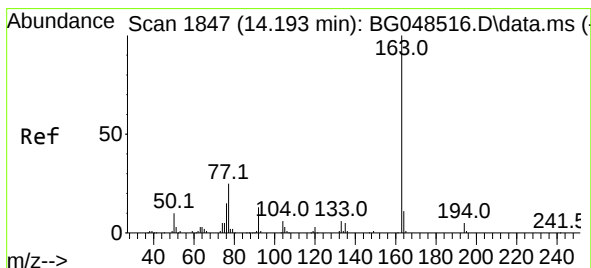
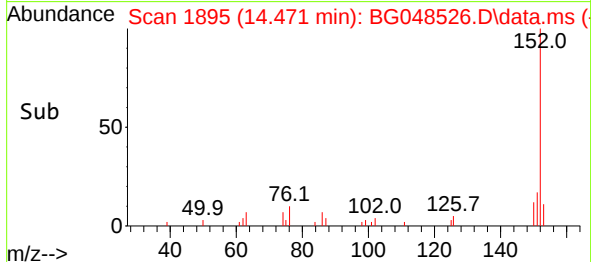
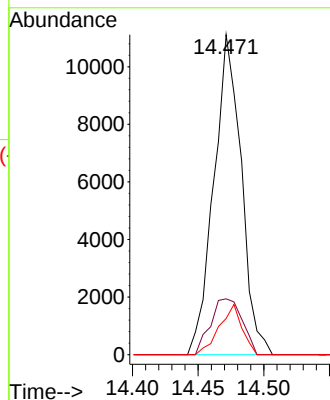
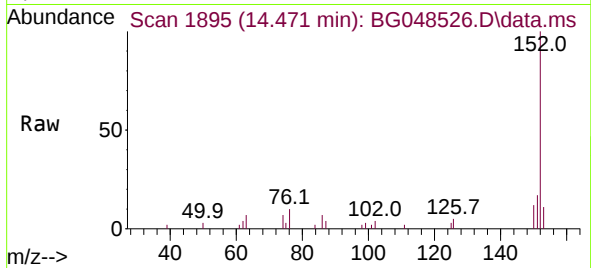




#49
Acenaphthylene
Concen: 4.27 ng
RT: 14.471 min Scan# 1895
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

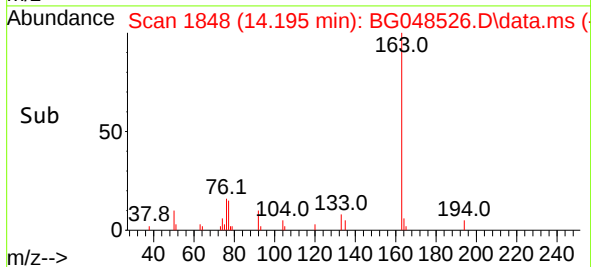
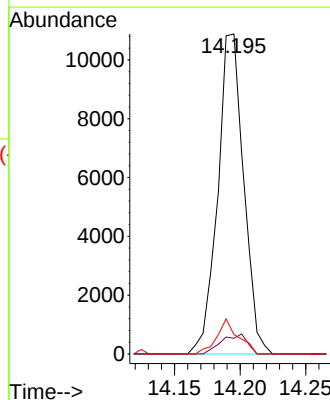
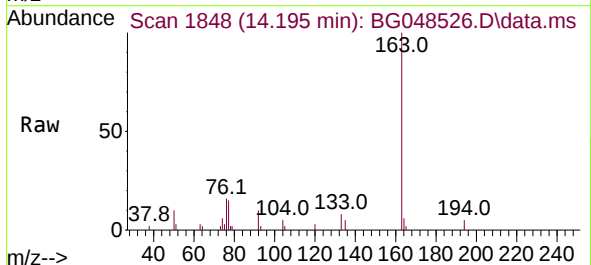
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

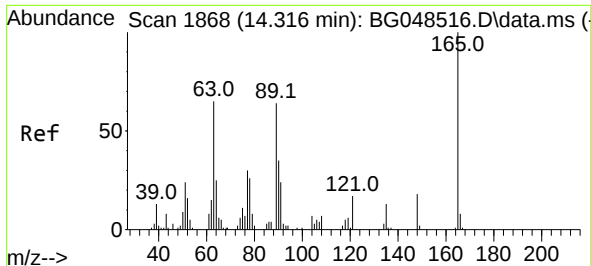
Tgt Ion:152	Resp:	16134
Ion Ratio	Lower	Upper
152	100	
151	17.5	15.0 22.6
153	11.3	11.0 16.6



#50
Dimethylphthalate
Concen: 4.66 ng
RT: 14.195 min Scan# 1848
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:163	Resp:	14958
Ion Ratio	Lower	Upper
163	100	
194	4.9	4.1 6.1
164	6.1	8.6 12.8#

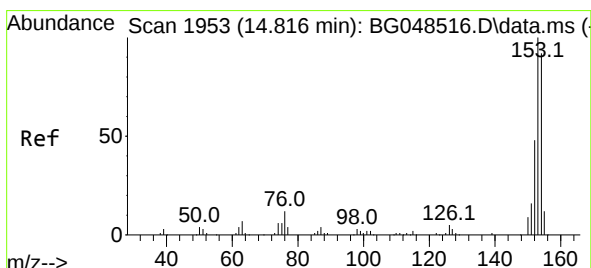
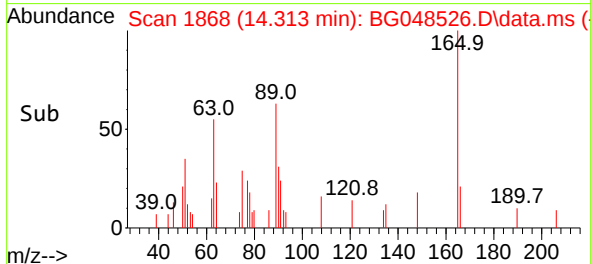
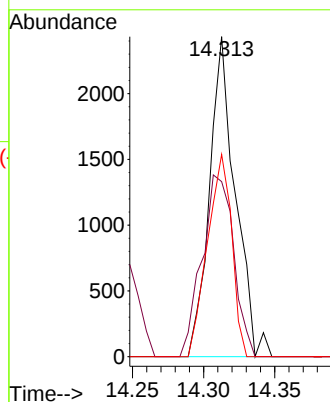
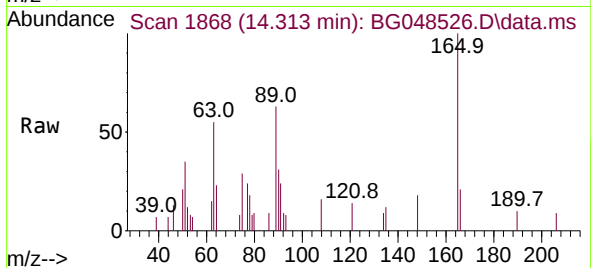




#51
2,6-Dinitrotoluene
Concen: 4.17 ng
RT: 14.313 min Scan# 1868
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

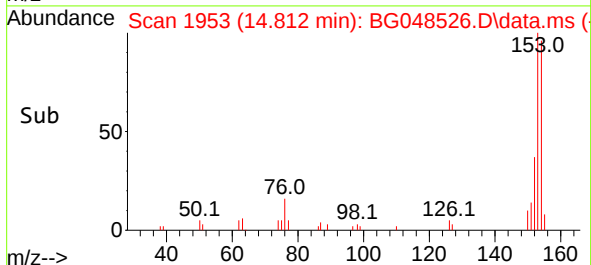
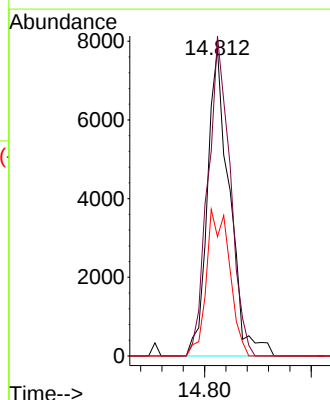
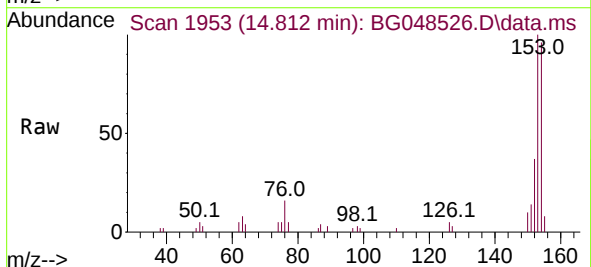
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

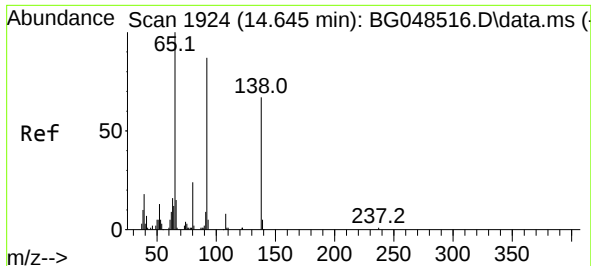
Tgt Ion:165 Resp: 3068
Ion Ratio Lower Upper
165 100
63 54.7 53.8 80.6
89 63.2 50.8 76.2



#52
Acenaphthene
Concen: 4.13 ng
RT: 14.812 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:154 Resp: 11290
Ion Ratio Lower Upper
154 100
153 104.1 86.6 129.8
152 38.8 41.5 62.3#

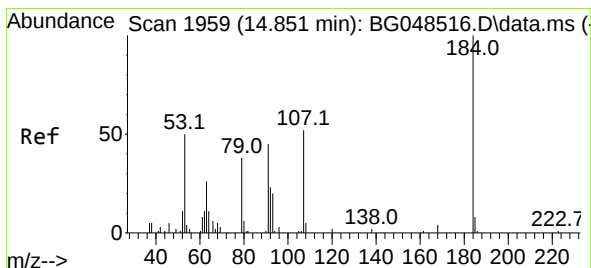
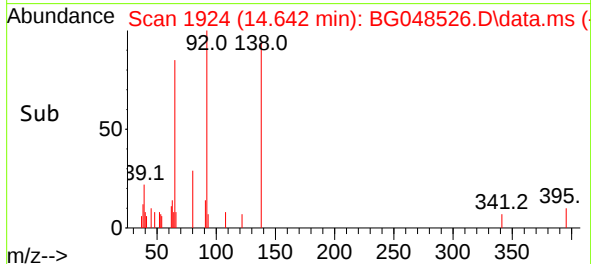
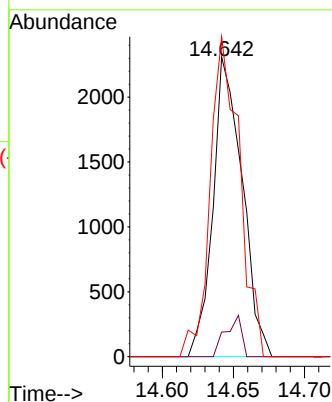
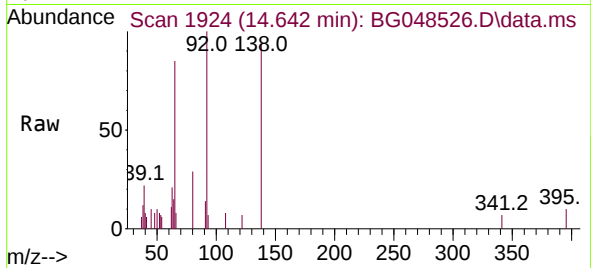




#53
3-Nitroaniline
Concen: 4.57 ng
RT: 14.642 min Scan# 1924
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

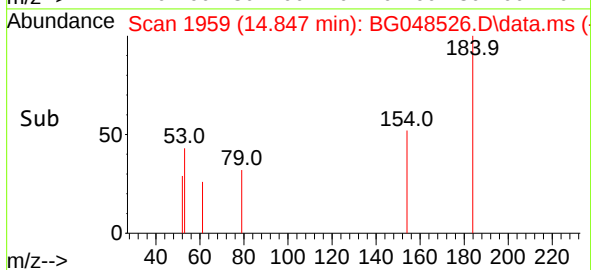
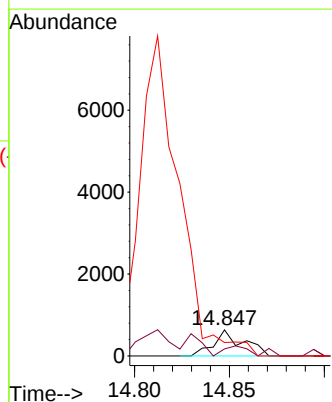
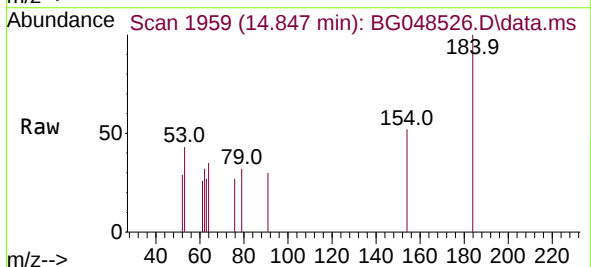
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

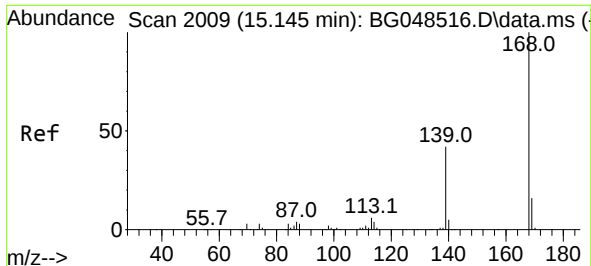
Tgt Ion:138 Resp: 3293
Ion Ratio Lower Upper
138 100
108 8.2 9.2 13.8#
92 106.8 103.8 155.8



#54
2,4-Dinitrophenol
Concen: 1.66 ng
RT: 14.847 min Scan# 1959
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:184 Resp: 685
Ion Ratio Lower Upper
184 100
63 26.9 56.6 84.8#
154 51.7 54.9 82.3#

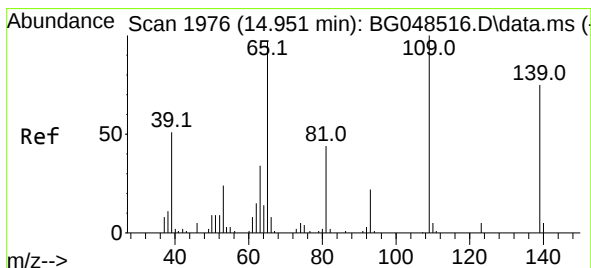
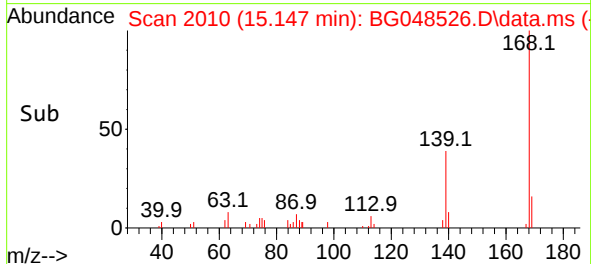
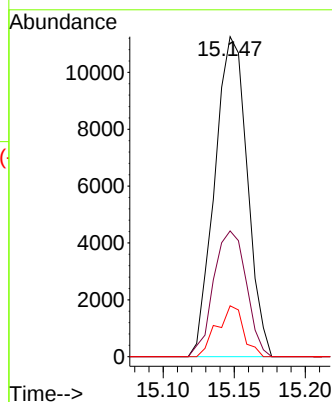
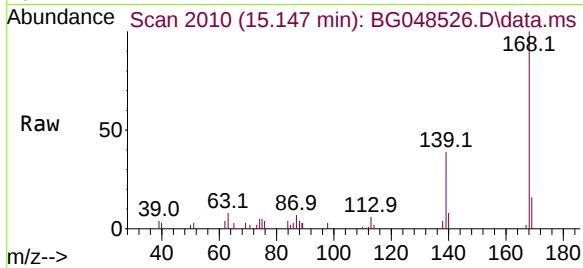




#55
Dibenzofuran
Concen: 4.49 ng
RT: 15.147 min Scan# 2010
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

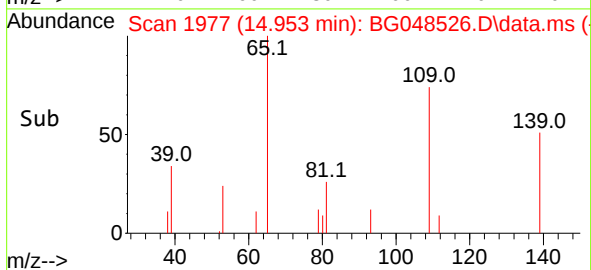
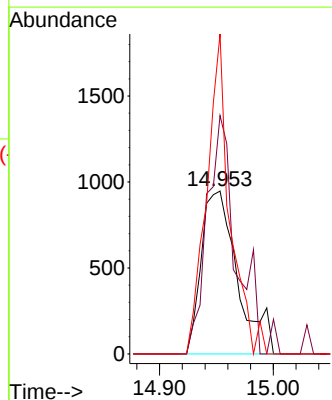
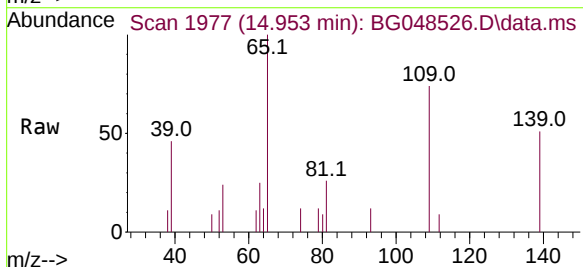
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

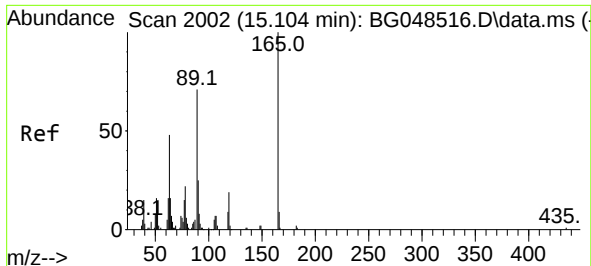
Tgt Ion:168 Resp: 17920
Ion Ratio Lower Upper
168 100
139 39.3 33.7 50.5
169 15.9 12.5 18.7



#56
4-Nitrophenol
Concen: 3.60 ng
RT: 14.953 min Scan# 1977
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:139 Resp: 2092
Ion Ratio Lower Upper
139 100
109 146.4 113.0 153.0
65 196.5 109.4 149.4#

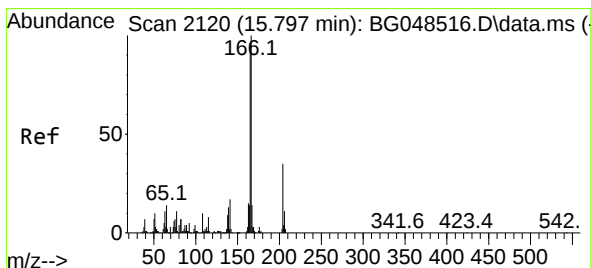
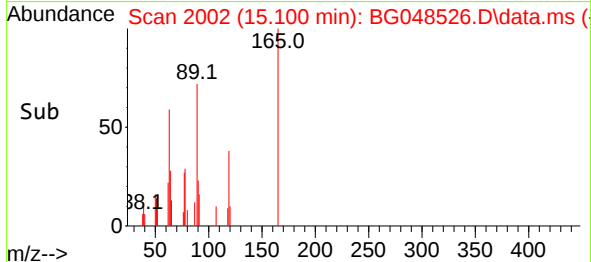
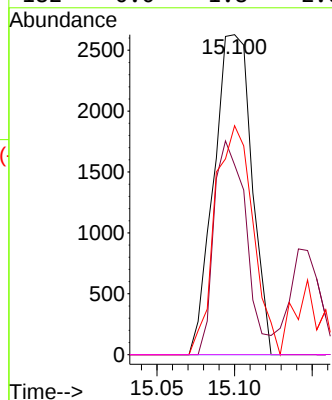
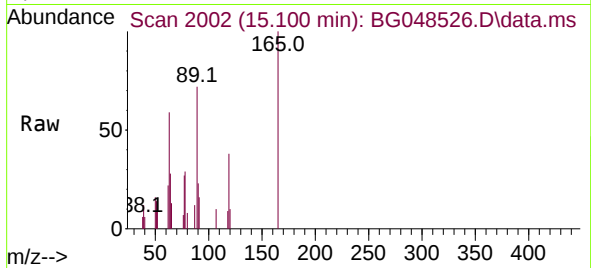




#57
2,4-Dinitrotoluene
Concen: 4.29 ng
RT: 15.100 min Scan# 2002
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

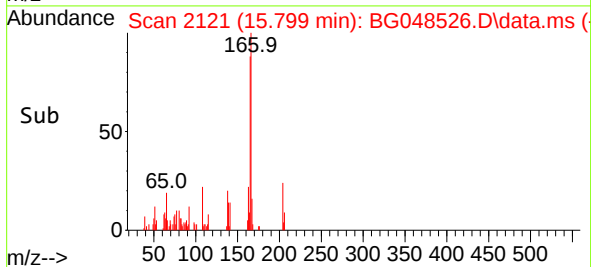
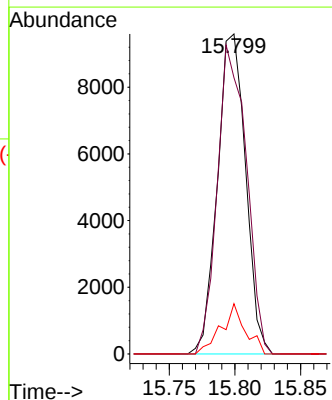
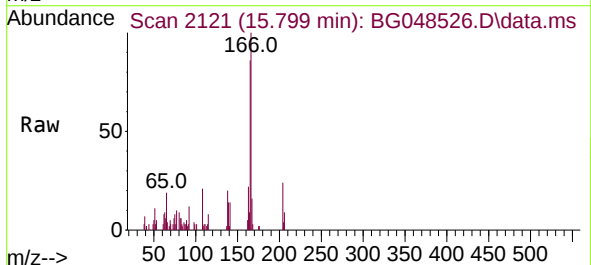
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

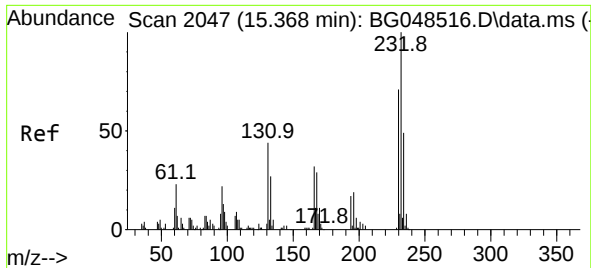
Tgt Ion:165 Resp: 4460
Ion Ratio Lower Upper
165 100
63 59.3 38.3 57.5#
89 71.5 56.5 84.7
182 0.0 1.8 2.6#



#58
Fluorene
Concen: 4.28 ng
RT: 15.799 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:166 Resp: 14310
Ion Ratio Lower Upper
166 100
165 86.4 76.8 115.2
167 15.7 11.1 16.7

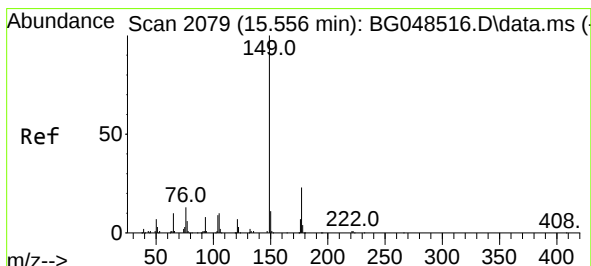
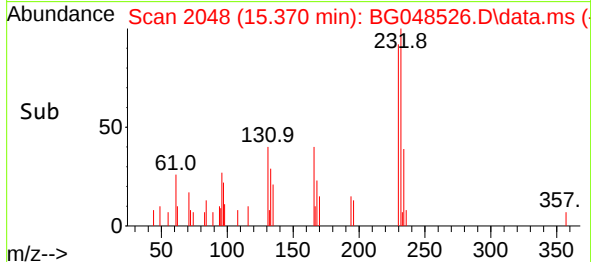
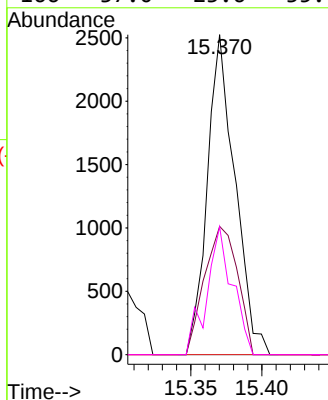
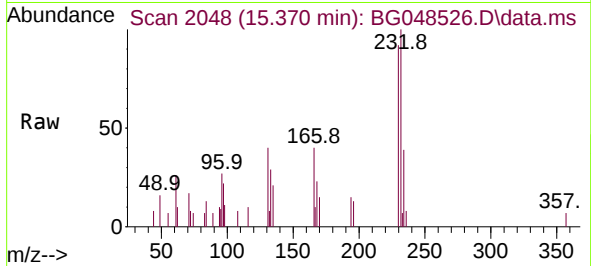




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.55 ng
RT: 15.370 min Scan# 2048
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

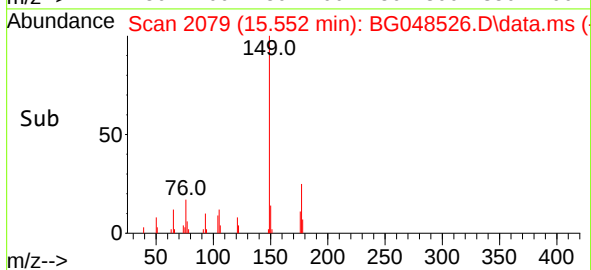
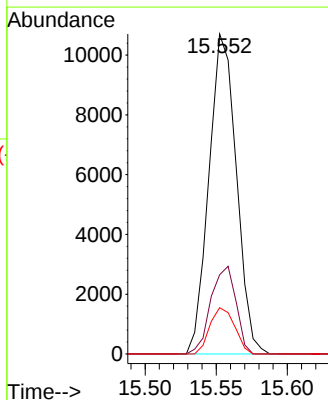
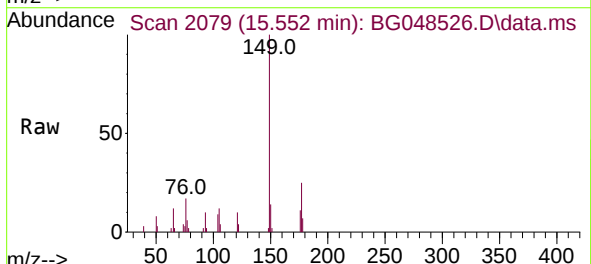
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

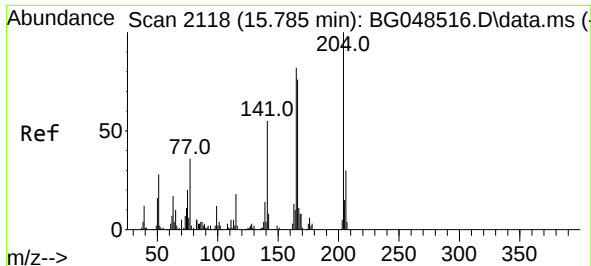
Tgt Ion:	232	Resp:	3422
Ion Ratio	Lower	Upper	
232	100		
131	47.8	35.0	52.4
130	0.0	2.4	3.6#
166	37.0	23.6	35.4#



#60
Diethylphthalate
Concen: 4.35 ng
RT: 15.552 min Scan# 2079
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	149	Resp:	14377
Ion Ratio	Lower	Upper	
149	100		
177	24.7	18.1	27.1
150	14.4	9.1	13.7#

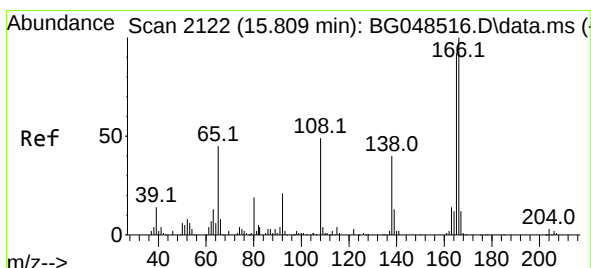
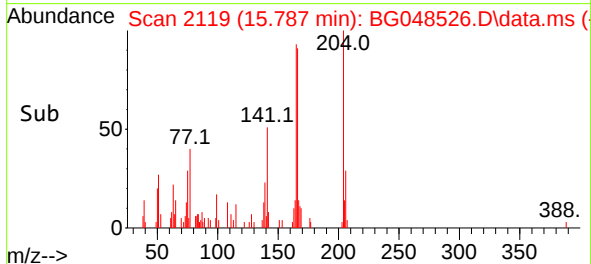
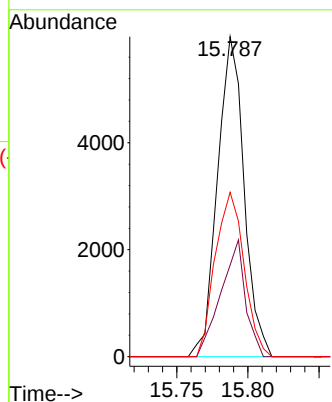
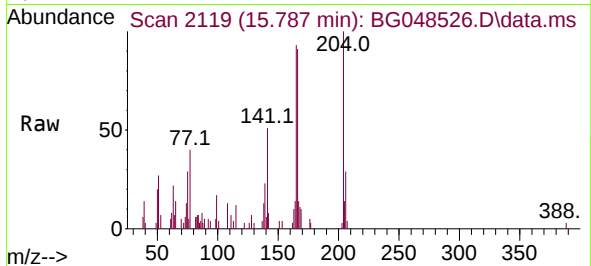




#61
4-Chlorophenyl-phenylether
Concen: 4.32 ng
RT: 15.787 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

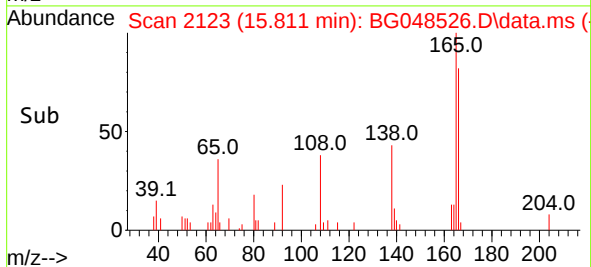
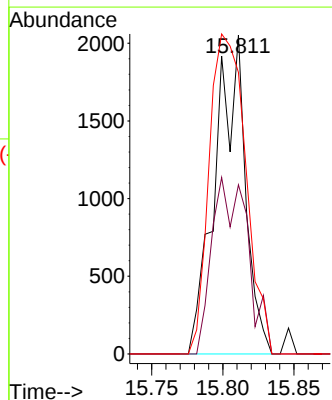
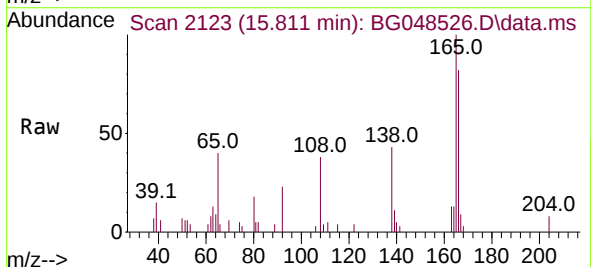
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

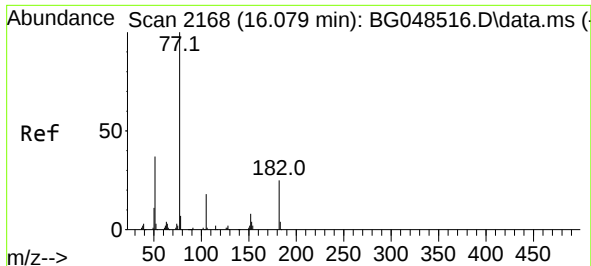
Tgt Ion:	204	Resp:	7767
Ion	Ratio	Lower	Upper
204	100		
206	28.6	23.8	35.8
141	51.4	44.0	66.0



#62
4-Nitroaniline
Concen: 3.99 ng
RT: 15.811 min Scan# 2123
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	138	Resp:	3009
Ion	Ratio	Lower	Upper
138	100		
92	53.0	32.2	72.2
108	88.3	104.1	144.1#

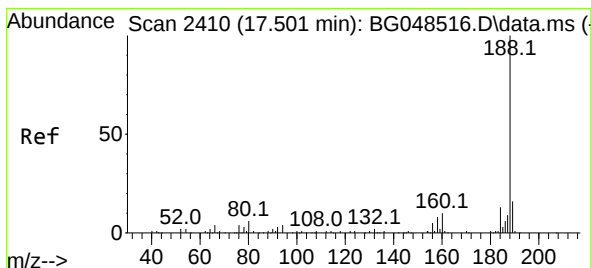
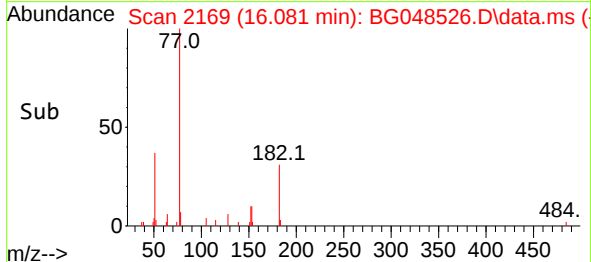
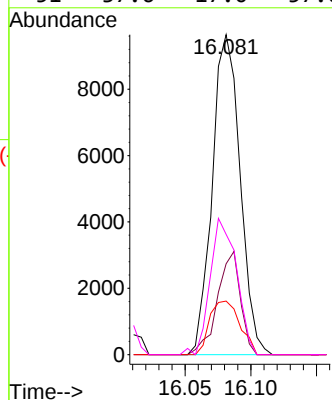
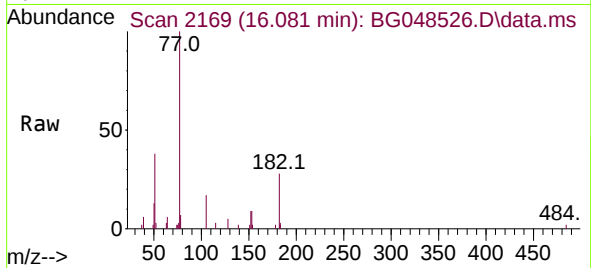




#63
Azobenzene
Concen: 4.38 ng
RT: 16.081 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

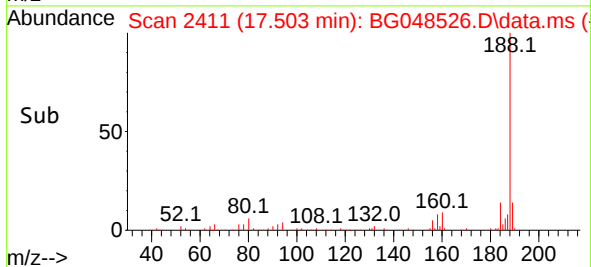
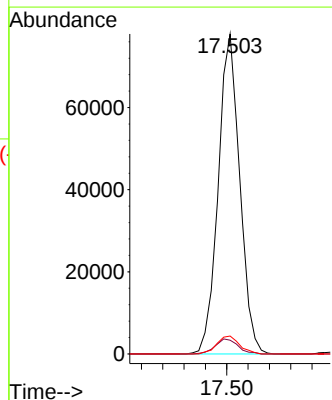
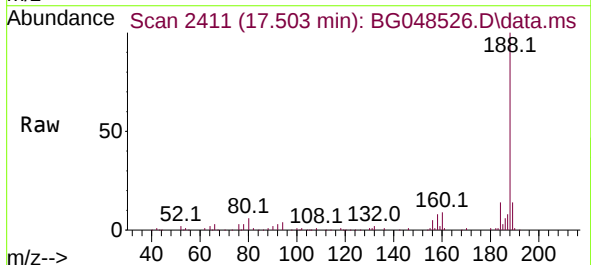
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

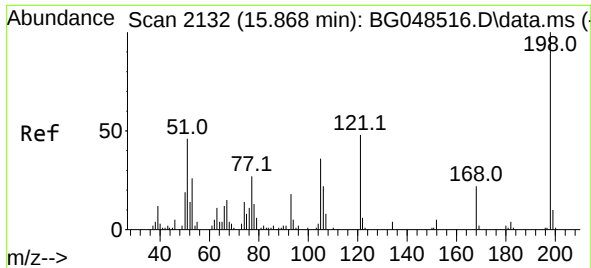
Tgt Ion: 77	Resp: 14225
Ion Ratio	Lower Upper
77 100	
182 28.4	5.3 45.3
105 16.8	0.0 37.8
51 37.6	17.0 57.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion: 188	Resp: 109130
Ion Ratio	Lower Upper
188 100	
94 4.3	3.0 4.6
80 5.6	4.5 6.7

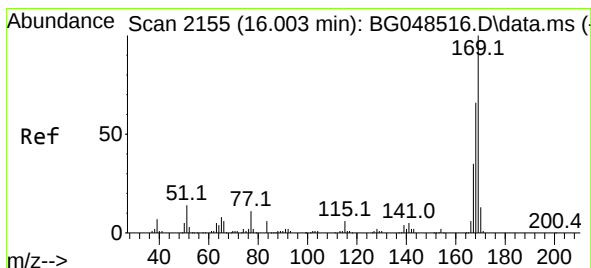
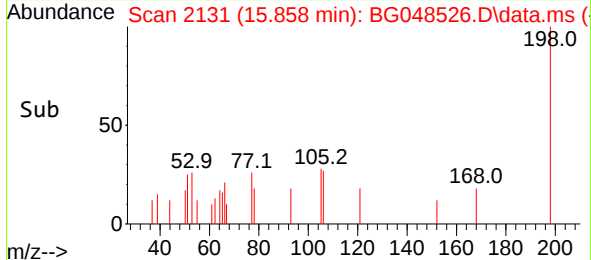
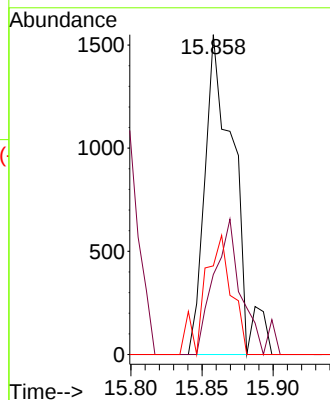
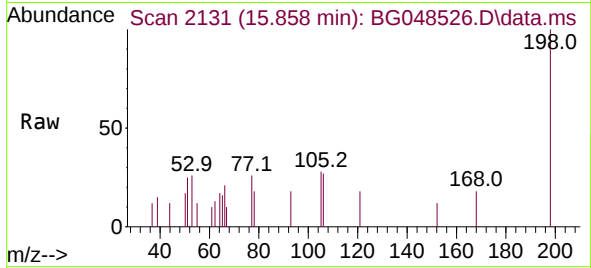




#65
4,6-Dinitro-2-methylphenol
Concen: 3.36 ng
RT: 15.858 min Scan# 2131
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

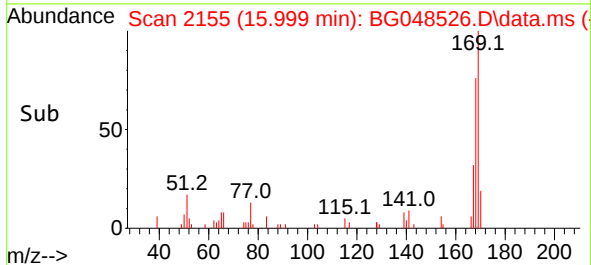
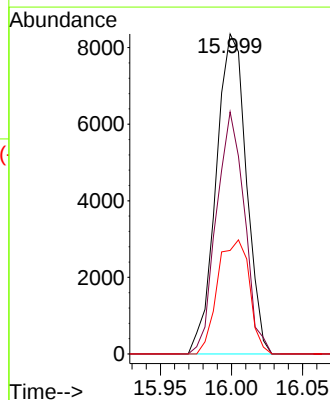
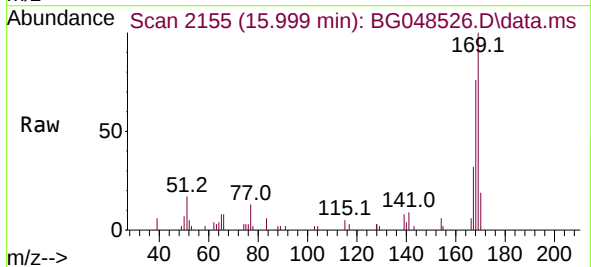
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

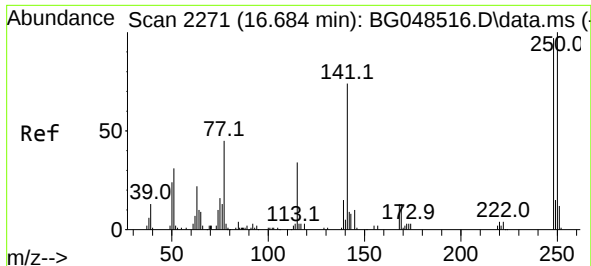
Tgt Ion:198 Resp: 2200
Ion Ratio Lower Upper
198 100
51 25.0 26.5 66.5#
105 27.7 16.0 56.0



#66
n-Nitrosodiphenylamine
Concen: 3.98 ng
RT: 15.999 min Scan# 2155
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:169 Resp: 12363
Ion Ratio Lower Upper
169 100
168 75.7 52.7 79.1
167 32.3 27.8 41.8

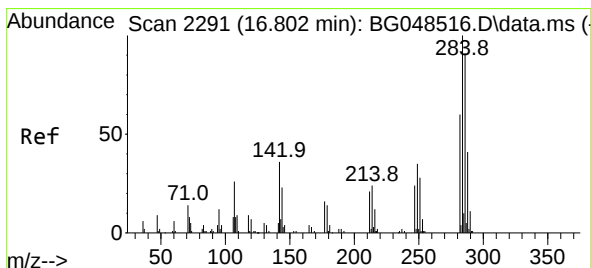
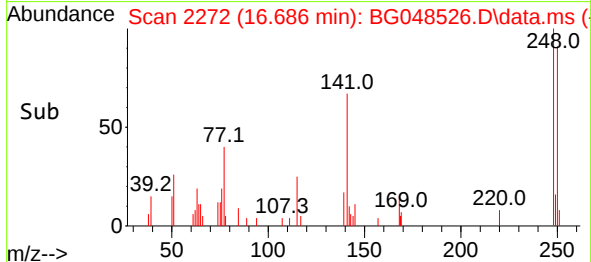
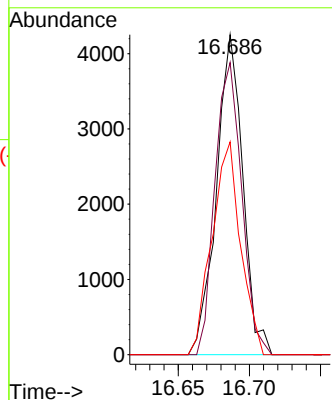
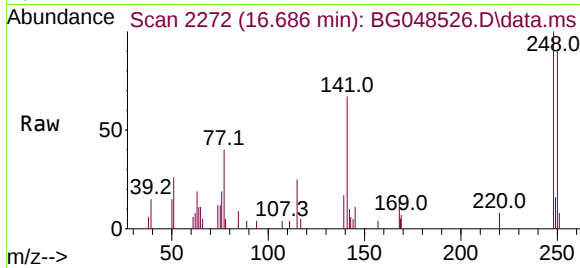




#67
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 16.686 min Scan# 2272
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

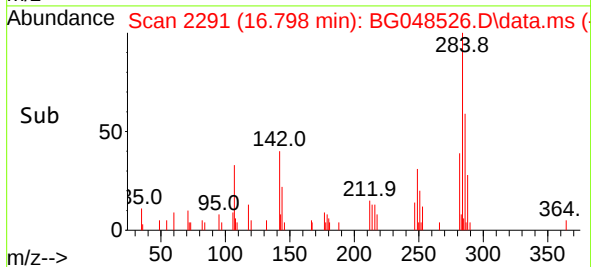
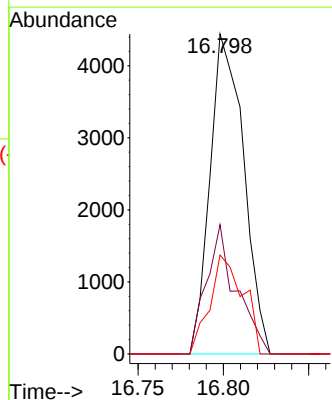
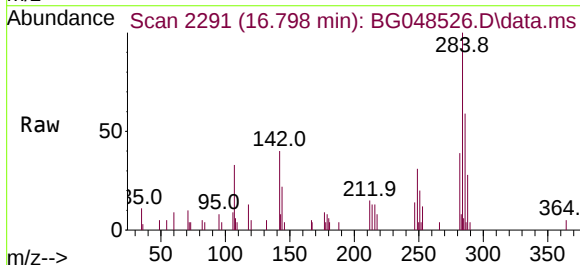
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

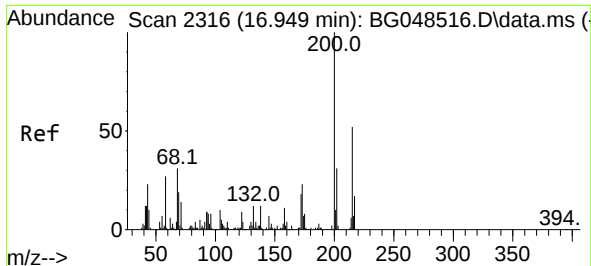
Tgt Ion:	248	Resp:	5495
Ion Ratio	Lower	Upper	
248	100		
250	91.3	82.6	124.0
141	66.5	61.0	91.6



#68
Hexachlorobenzene
Concen: 4.81 ng
RT: 16.798 min Scan# 2291
Delta R.T. -0.013 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	284	Resp:	6081
Ion Ratio	Lower	Upper	
284	100		
142	40.4	29.1	43.7
249	31.0	27.7	41.5

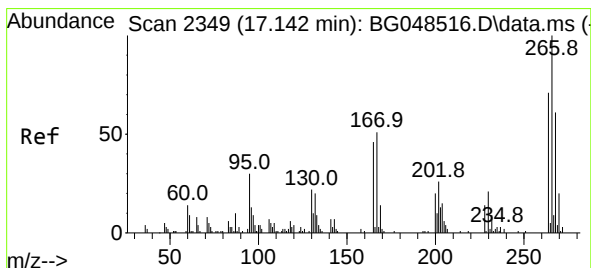
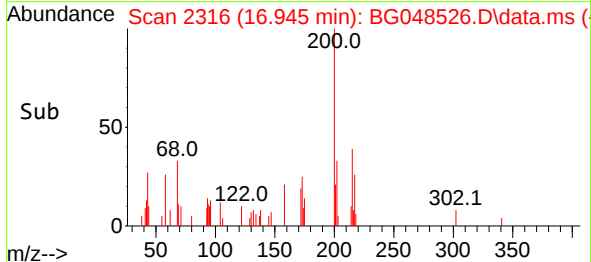
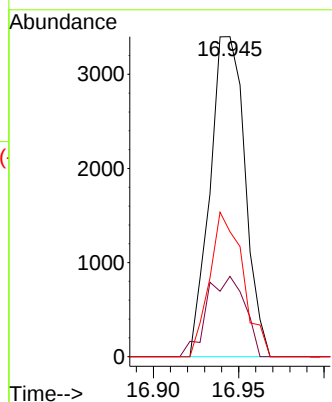
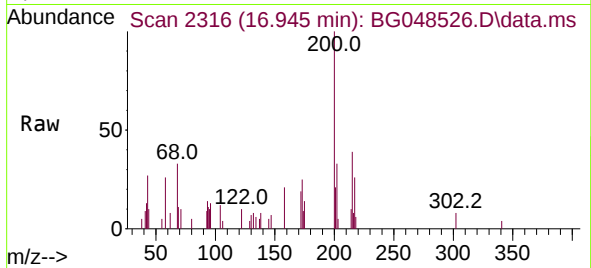




#69
Atrazine
Concen: 3.83 ng
RT: 16.945 min Scan# 2316
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

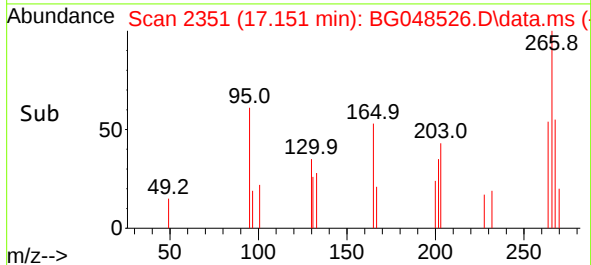
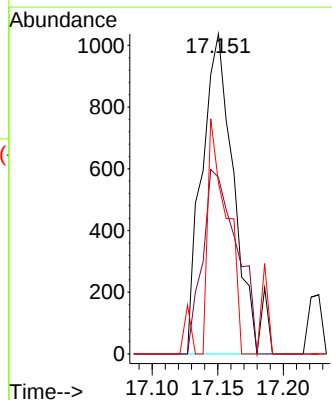
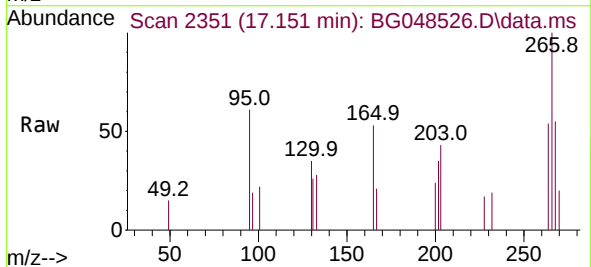
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

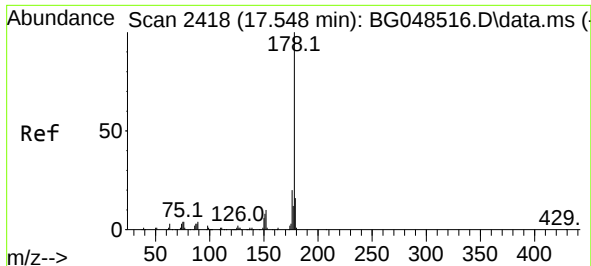
Tgt Ion:200 Resp: 4847
Ion Ratio Lower Upper
200 100
173 25.1 2.8 42.8
215 39.1 31.7 71.7



#70
Pentachlorophenol
Concen: 2.27 ng
RT: 17.151 min Scan# 2351
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:266 Resp: 1782
Ion Ratio Lower Upper
266 100
268 55.2 48.6 73.0
264 53.5 56.4 84.6#

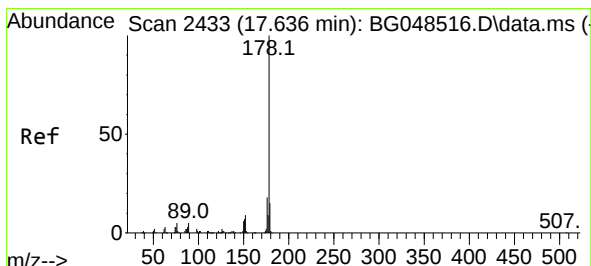
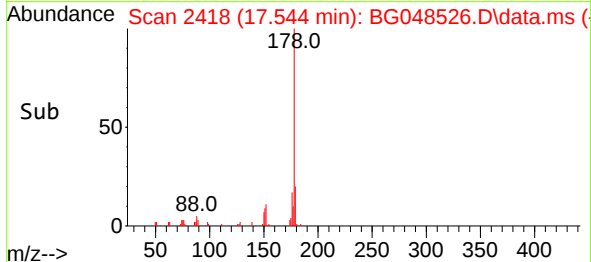
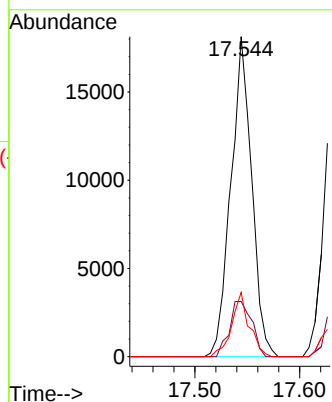
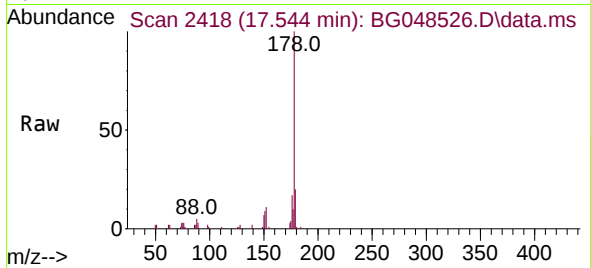




#71
Phenanthrene
Concen: 4.42 ng m
RT: 17.544 min Scan# 2418
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

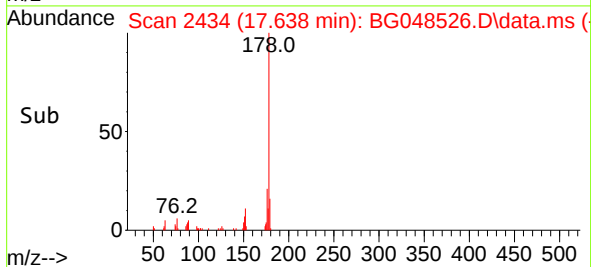
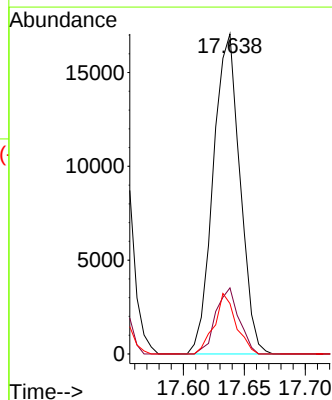
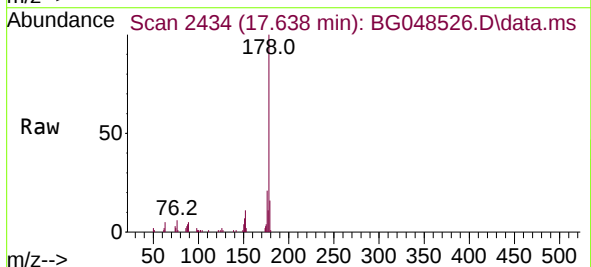
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

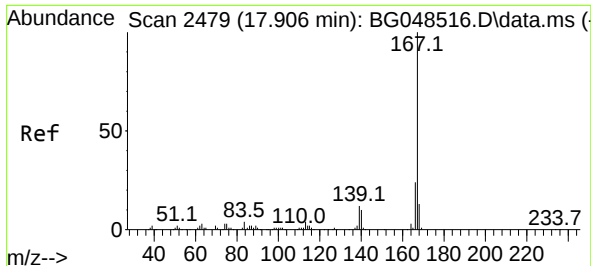
Tgt Ion:178 Resp: 25029
Ion Ratio Lower Upper
178 100
176 17.3 15.6 23.4
179 20.1 12.9 19.3#



#72
Anthracene
Concen: 4.61 ng
RT: 17.638 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:178 Resp: 26018
Ion Ratio Lower Upper
178 100
176 20.6 14.1 21.1
179 15.7 11.9 17.9

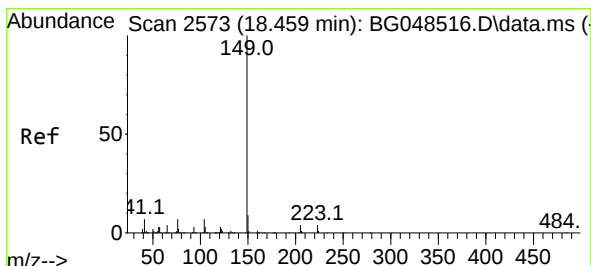
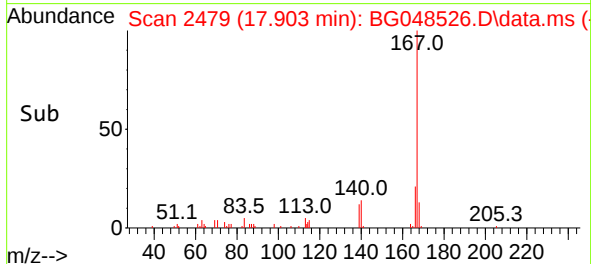
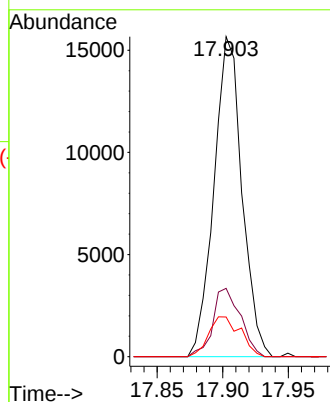
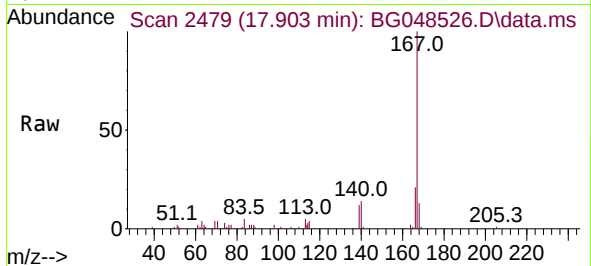




#73
 Carbazole
 Concen: 4.34 ng
 RT: 17.903 min Scan# 2479
 Delta R.T. -0.007 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

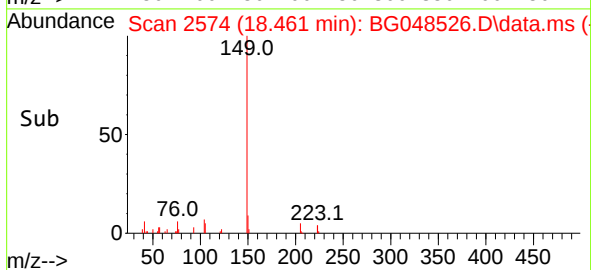
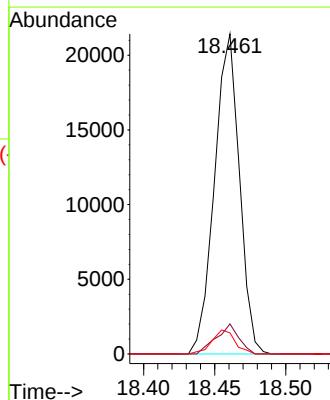
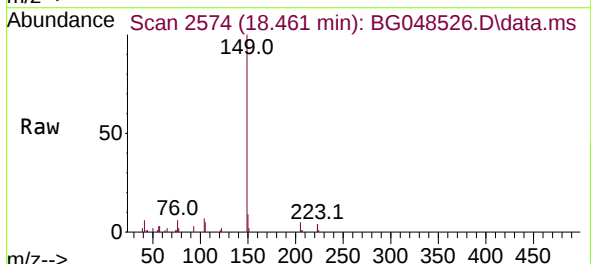
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

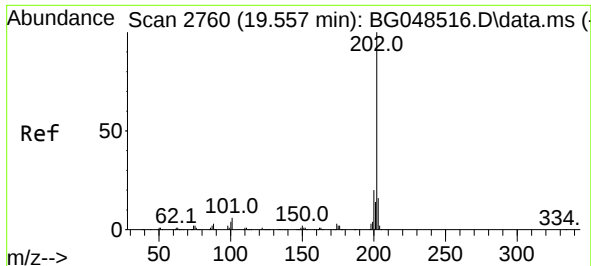
Tgt Ion:167	Resp:	23248
Ion Ratio	Lower	Upper
167	100	
166	21.4	19.0 28.6
139	12.4	10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 4.36 ng
 RT: 18.461 min Scan# 2574
 Delta R.T. -0.001 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:149	Resp:	26075
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.0 10.4
104	6.6	5.9 8.9

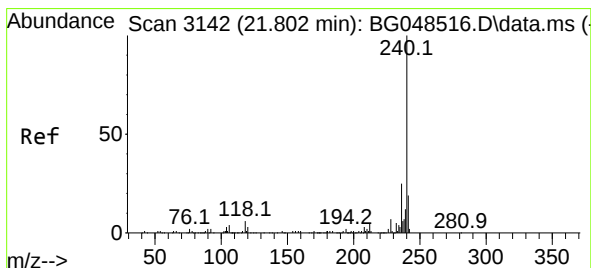
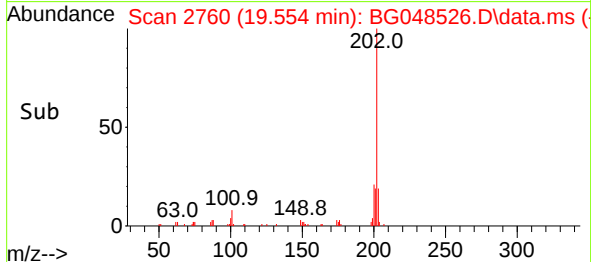
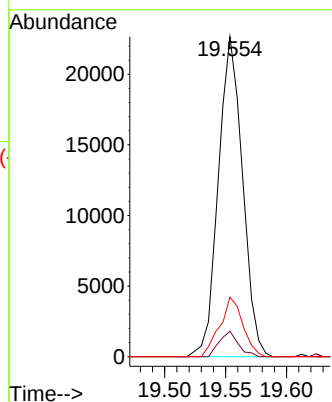
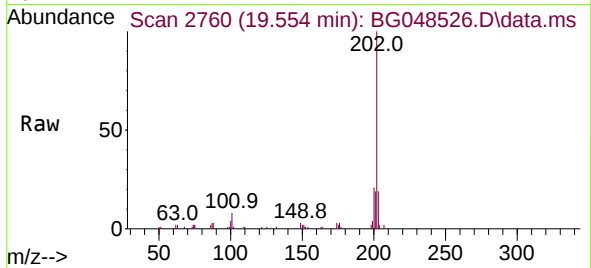




#75
Fluoranthene
Concen: 4.45 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

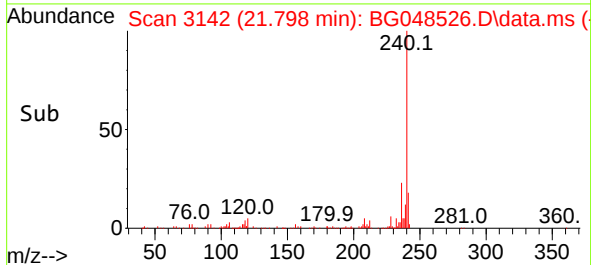
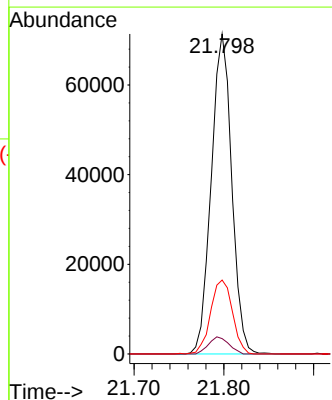
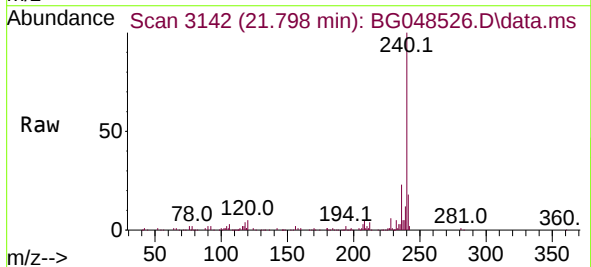
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

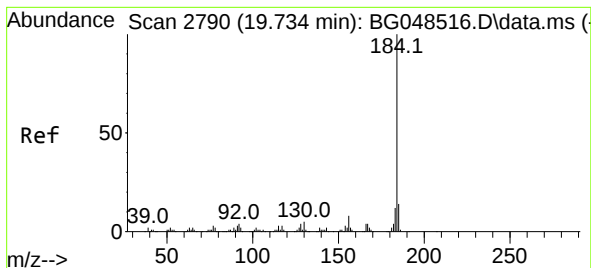
Tgt Ion:	202	Resp:	31276
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	25.8
203	18.6	0.0	36.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:	240	Resp:	112872
Ion Ratio	Lower	Upper	
240	100		
120	4.8	2.6	3.8#
236	23.1	19.8	29.6





#77

Benzidine

Concen: 3.76 ng

RT: 19.730 min Scan# 2790

Delta R.T. -0.001 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

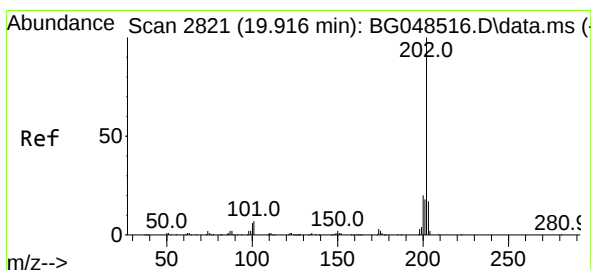
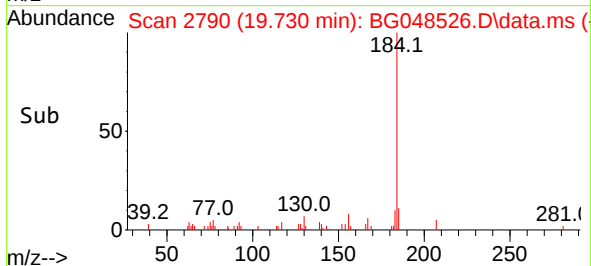
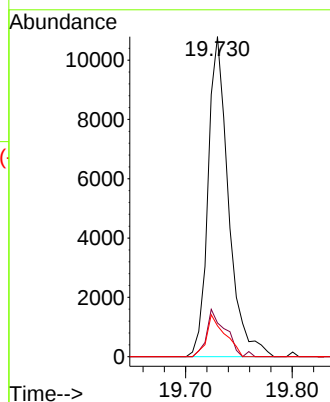
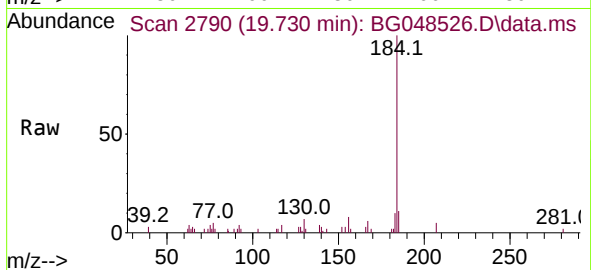
Tgt Ion:184	Resp:	14387
Ion Ratio	Lower	Upper
184	100	
185	10.6	11.0 16.4#
183	9.7	9.2 13.8

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021



#78

Pyrene

Concen: 4.09 ng m

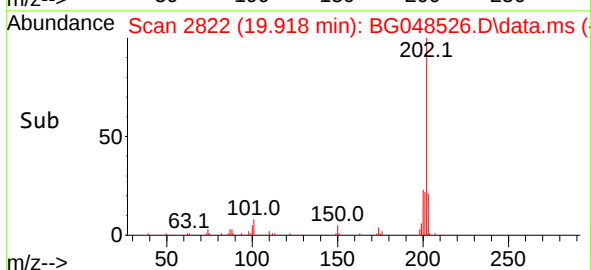
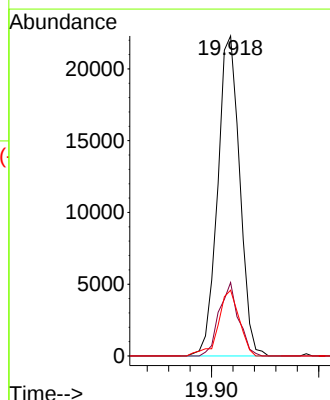
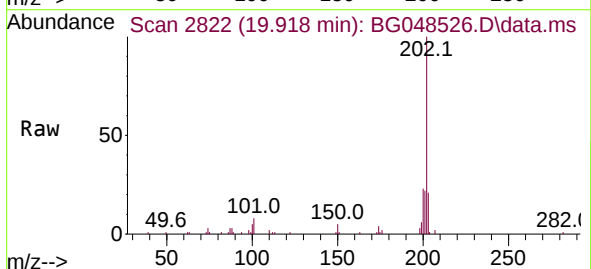
RT: 19.918 min Scan# 2822

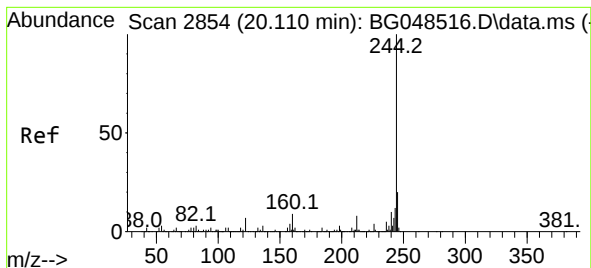
Delta R.T. -0.001 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

Tgt Ion:202	Resp:	31775
Ion Ratio	Lower	Upper
202	100	
200	23.0	16.1 24.1
203	20.5	13.6 20.4#





#79

Terphenyl-d14

Concen: 66.36 ng

RT: 20.112 min Scan# 2855

Delta R.T. -0.001 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

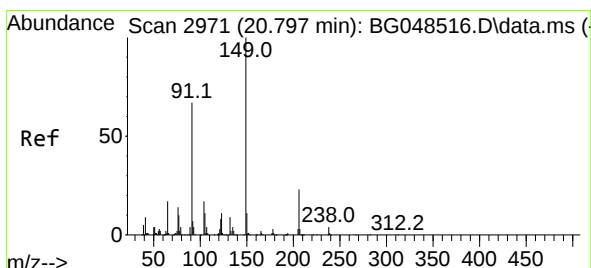
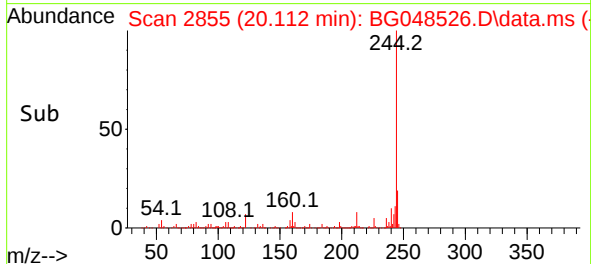
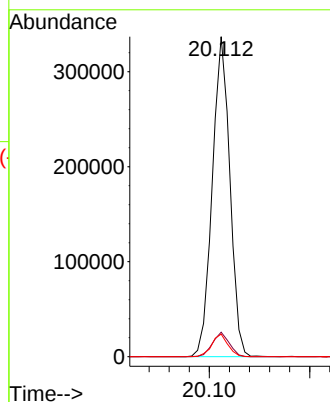
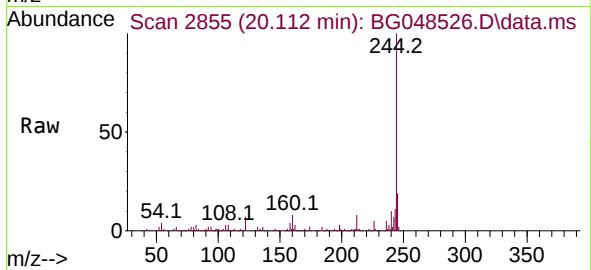
Tgt Ion:244 Resp: 409565

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 7.0 5.8 8.6



#80

Butylbenzylphthalate

Concen: 3.92 ng

RT: 20.799 min Scan# 2972

Delta R.T. -0.001 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

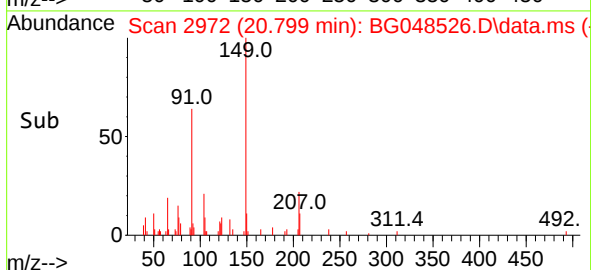
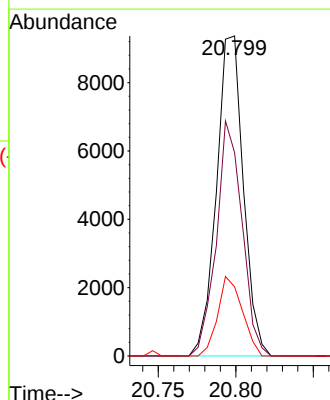
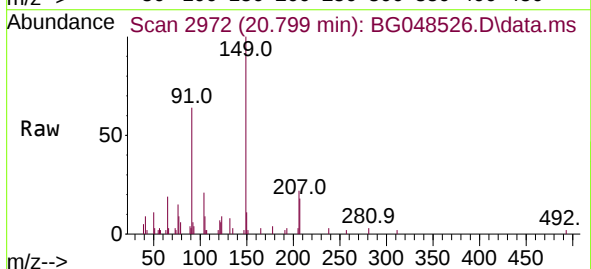
Tgt Ion:149 Resp: 11309

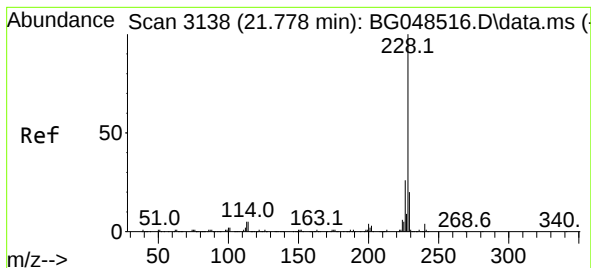
Ion Ratio Lower Upper

149 100

91 63.5 53.6 80.4

206 21.6 18.3 27.5





#81

Benzo(a)anthracene

Concen: 4.35 ng

RT: 21.780 min Scan# 3139

Delta R.T. -0.001 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

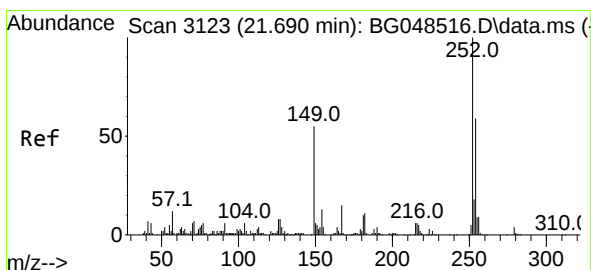
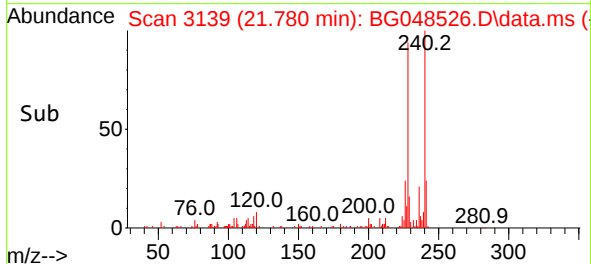
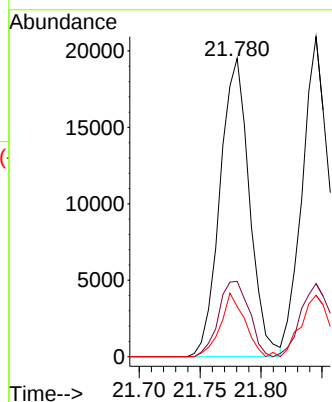
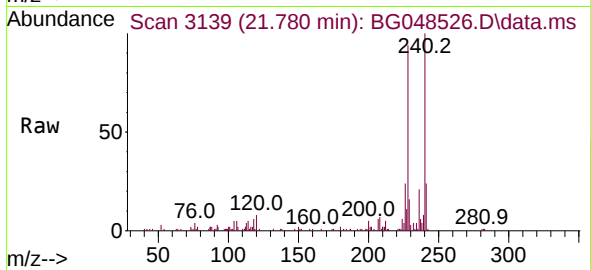
Tgt Ion:228 Resp: 32833

Ion Ratio Lower Upper

228 100

226 25.3 20.6 30.8

229 16.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 4.37 ng

RT: 21.686 min Scan# 3123

Delta R.T. -0.007 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

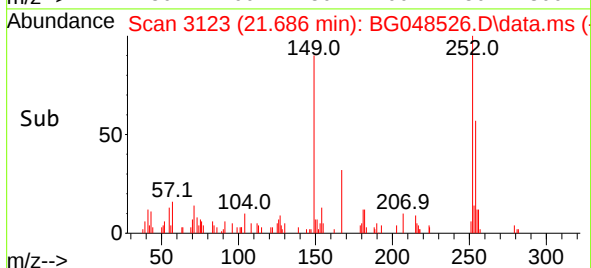
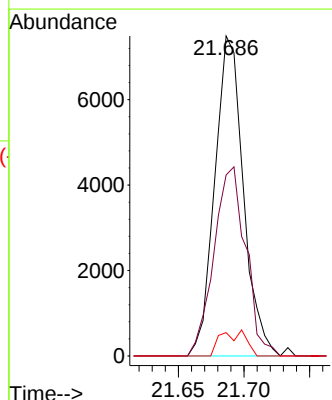
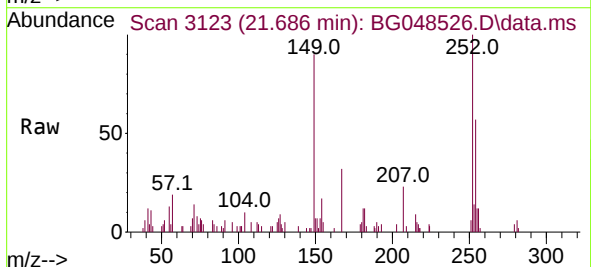
Tgt Ion:252 Resp: 11330

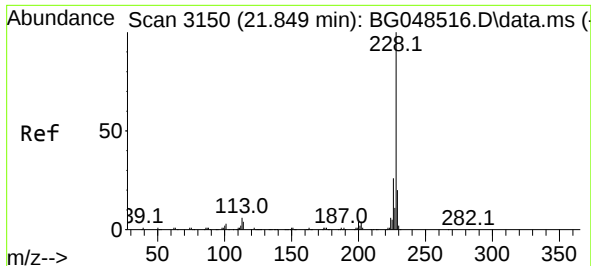
Ion Ratio Lower Upper

252 100

254 56.5 47.4 71.2

126 7.3 6.1 9.1

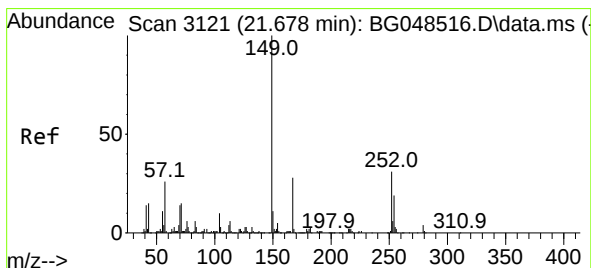
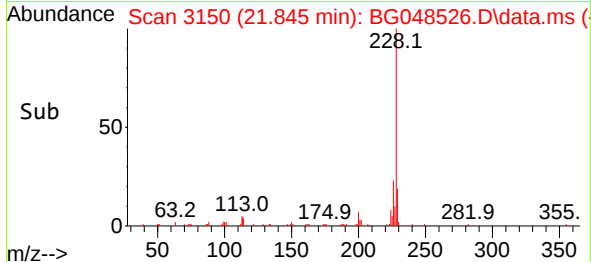
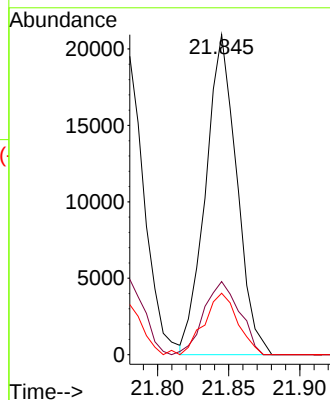
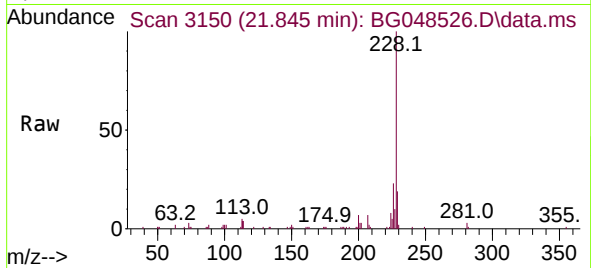




#83
Chrysene
Concen: 4.43 ng
RT: 21.845 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

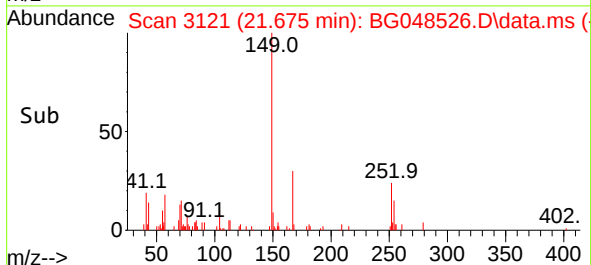
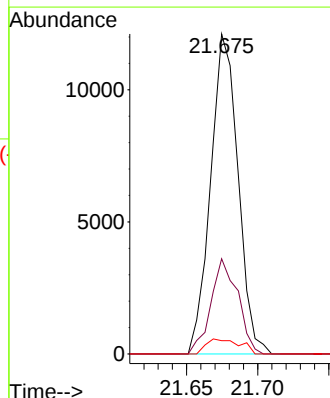
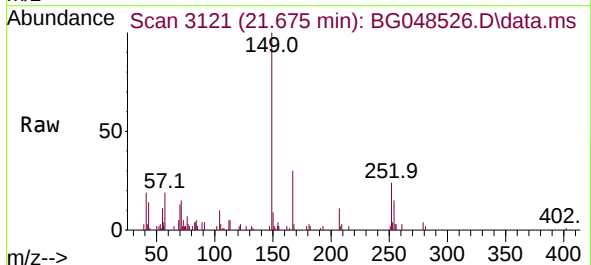
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

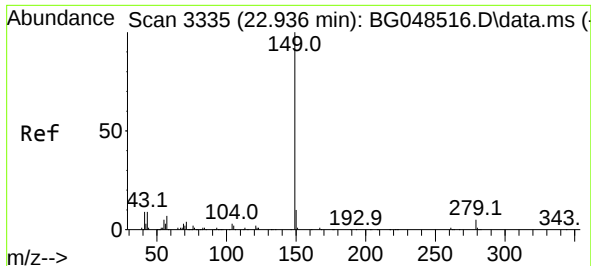
Tgt Ion:228 Resp: 31893
Ion Ratio Lower Upper
228 100
226 22.8 20.6 31.0
229 19.2 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.04 ng
RT: 21.675 min Scan# 3121
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:149 Resp: 16223
Ion Ratio Lower Upper
149 100
167 29.8 22.4 33.6
279 4.1 3.4 5.2

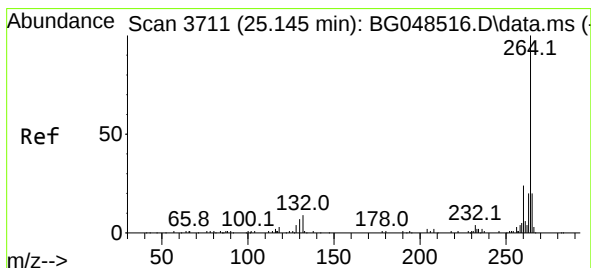
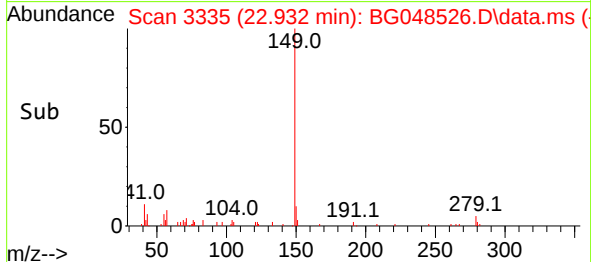
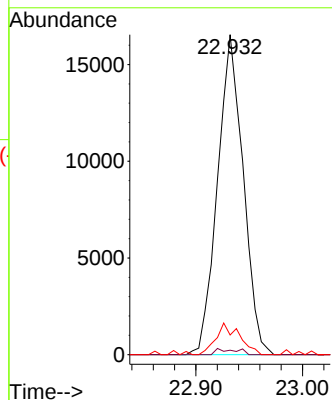
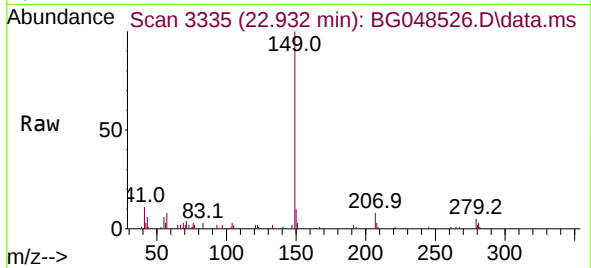




#85
Di-n-octyl phthalate
Concen: 3.95 ng
RT: 22.932 min Scan# 3335
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

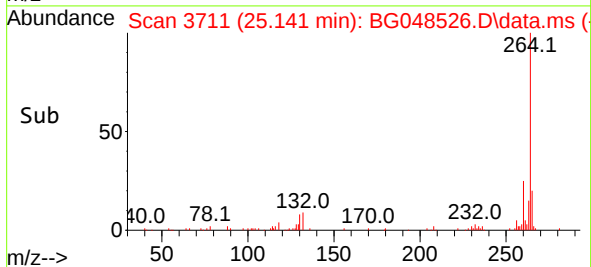
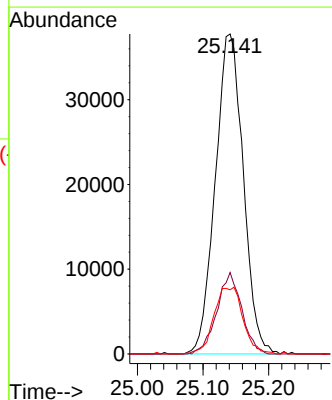
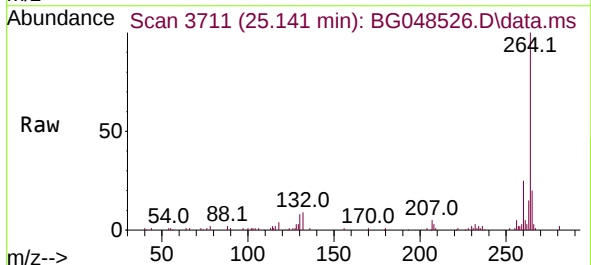
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

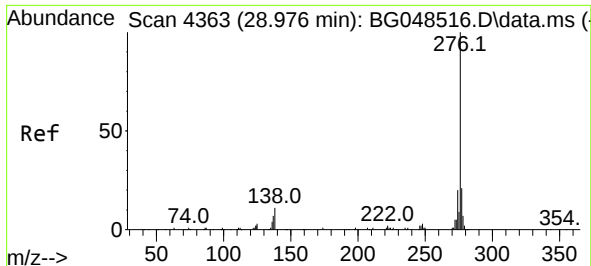
Tgt Ion:149 Resp: 27632
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.1 7.4 11.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.007 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:264 Resp: 111511
Ion Ratio Lower Upper
264 100
260 25.4 19.1 28.7
265 20.1 16.1 24.1

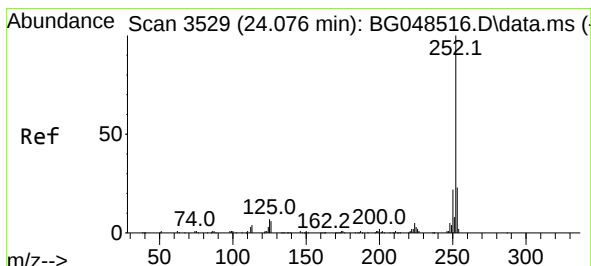
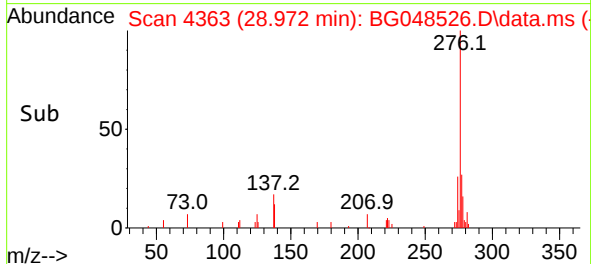
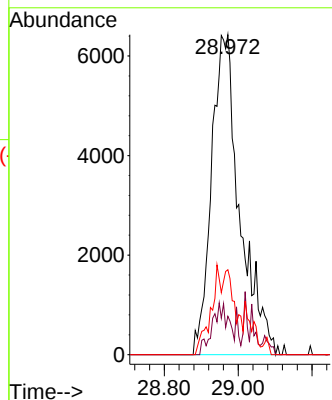
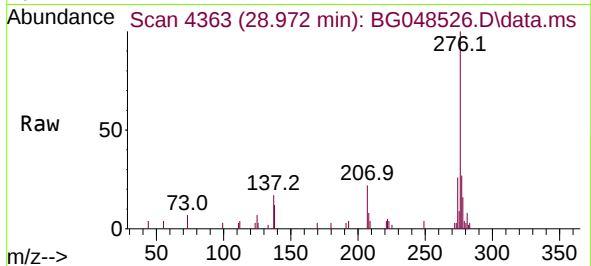




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.37 ng m
 RT: 28.972 min Scan# 4363
 Delta R.T. -0.013 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

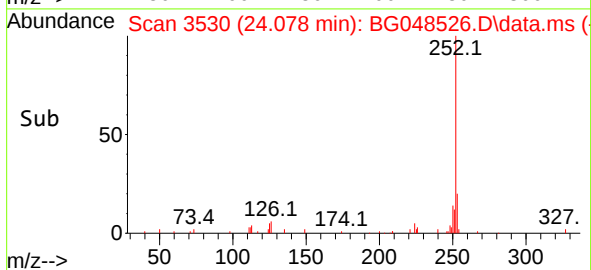
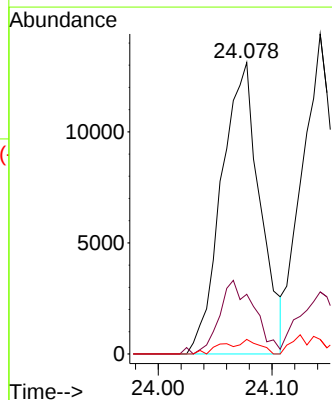
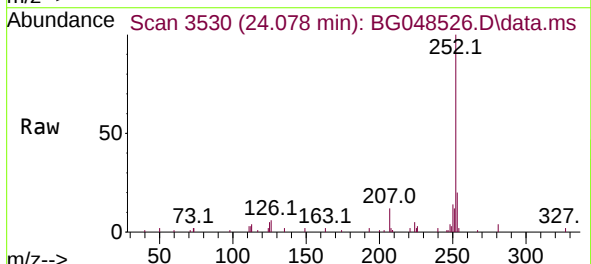
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

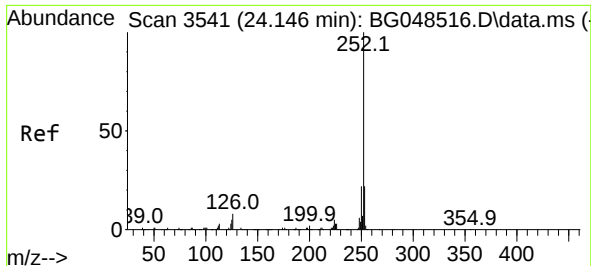
Tgt Ion:276 Resp: 34130
 Ion Ratio Lower Upper
 276 100
 138 0.0 7.8 11.8#
 277 0.0 0.0 0.0



#88
 Benzo(b)fluoranthene
 Concen: 4.27 ng
 RT: 24.078 min Scan# 3530
 Delta R.T. -0.007 min
 Lab File: BG048526.D
 Acq: 31 Mar 2021 13:03

Tgt Ion:252 Resp: 30915
 Ion Ratio Lower Upper
 252 100
 253 20.5 18.2 27.4
 125 5.0 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 4.38 ng

RT: 24.142 min Scan# 3541

Delta R.T. -0.013 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

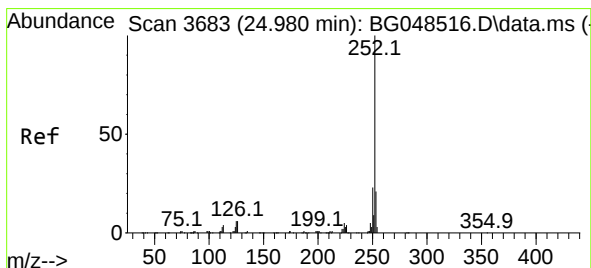
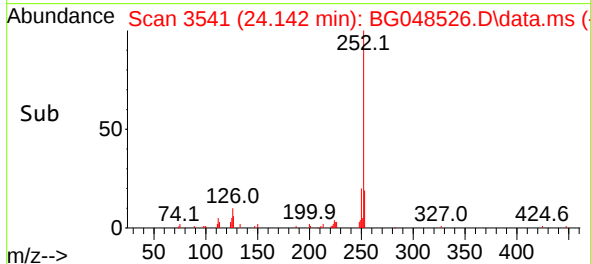
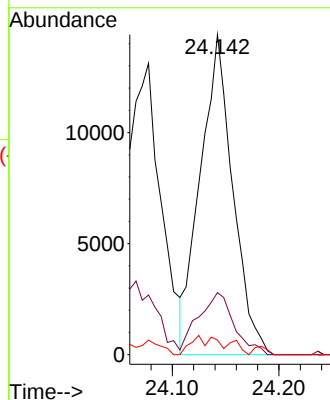
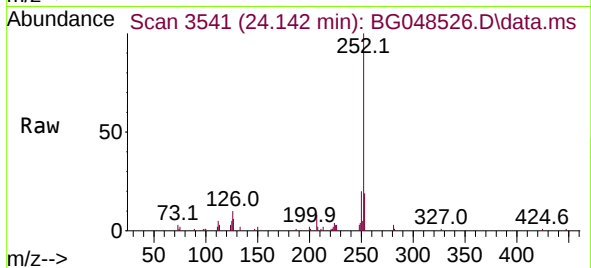
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:252	Resp:	30501
Ion Ratio	Lower	Upper
252	100	
253	19.4	17.9 26.9
125	4.6	3.9 5.9



#90

Benzo(a)pyrene

Concen: 4.29 ng

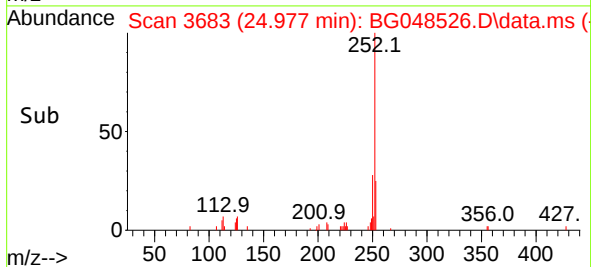
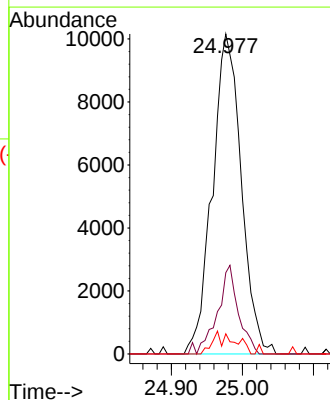
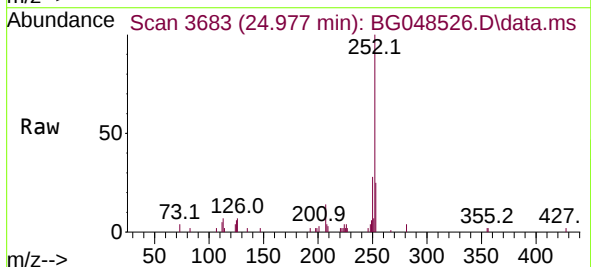
RT: 24.977 min Scan# 3683

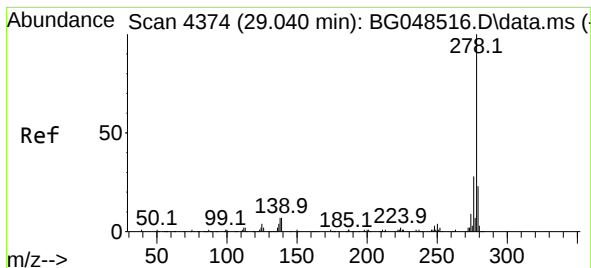
Delta R.T. -0.013 min

Lab File: BG048526.D

Acq: 31 Mar 2021 13:03

Tgt Ion:252	Resp:	28636
Ion Ratio	Lower	Upper
252	100	
253	25.4	17.1 25.7
125	6.3	4.4 6.6

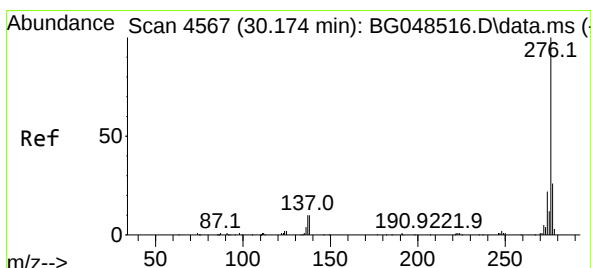
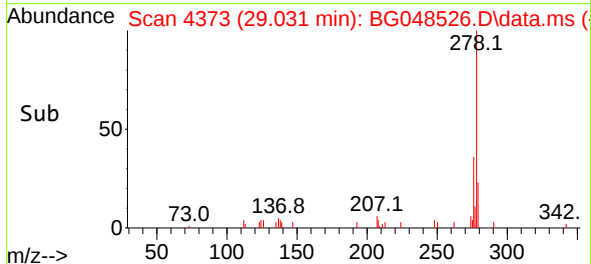
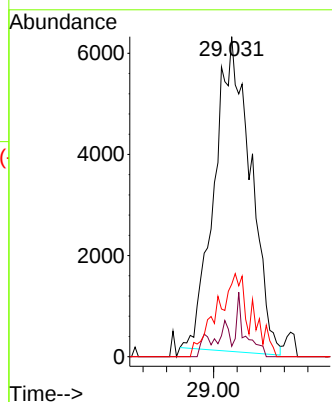
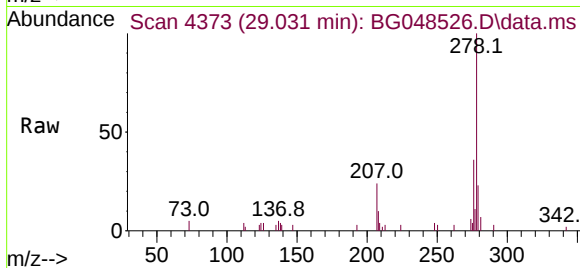




#91
Dibenzo(a,h)anthracene
Concen: 3.97 ng
RT: 29.031 min Scan# 4373
Delta R.T. -0.025 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Tgt Ion:278 Resp: 26494
Ion Ratio Lower Upper
278 100
139 3.3 5.8 8.6#
279 22.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 4.22 ng
RT: 30.159 min Scan# 4565
Delta R.T. -0.031 min
Lab File: BG048526.D
Acq: 31 Mar 2021 13:03

Tgt Ion:276 Resp: 27589
Ion Ratio Lower Upper
276 100
277 22.7 20.4 30.6
138 16.7 8.1 12.1#

