

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049407.D
 Acq On : 22 Jul 2021 11:45
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Jul 22 12:19:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 10:56:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	22785	20.000	ng	0.01
21) Naphthalene-d8	10.880	136	91416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	62317	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	131583	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	144213	20.000	ng	0.00
86) Perylene-d12	25.014	264	152167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	170191	126.727	ng	0.00
7) Phenol-d6	7.215	99	246695	126.131	ng	0.00
23) Nitrobenzene-d5	9.229	82	171591	84.099	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	106745	127.909	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	356040	82.211	ng	0.00
79) Terphenyl-d14	20.062	244	605440	81.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	5453	8.963	ng	94
3) Pyridine	3.896	79	10698	6.900	ng	# 80
4) n-Nitrosodimethylamine	3.807	42	5398	7.090	ng	# 68
6) Aniline	7.379	93	18795	8.885	ng	# 88
8) 2-Chlorophenol	7.620	128	10980	7.973	ng	81
9) Benzaldehyde	7.191	77	13032	10.030	ng	# 83
10) Phenol	7.238	94	15365	8.247	ng	95
11) bis(2-Chloroethyl)ether	7.467	93	10497	8.225	ng	99
12) 1,3-Dichlorobenzene	7.949	146	12470	7.658	ng	91
13) 1,4-Dichlorobenzene	7.949	146	12470	7.691	ng	94
14) 1,2-Dichlorobenzene	8.413	146	12246	7.818	ng	91
15) Benzyl Alcohol	8.295	79	11532	7.213	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.589	45	12641	8.479	ng	97
17) 2-Methylphenol	8.501	107	10181	8.208	ng	92
18) Hexachloroethane	9.153	117	5123	8.130	ng	# 79
19) n-Nitroso-di-n-propyla...	8.865	70	9875	7.684	ng	# 82
20) 3+4-Methylphenols	8.830	107	13930	8.195	ng	90
22) Acetophenone	8.883	105	20480	8.366	ng	# 88
24) Nitrobenzene	9.271	77	17048	7.956	ng	# 97
25) Isophorone	9.788	82	26415	7.307	ng	# 93
26) 2-Nitrophenol	9.987	139	5163	6.638	ng	# 85
27) 2,4-Dimethylphenol	10.040	122	10324	8.302	ng	87
28) bis(2-Chloroethoxy)met...	10.275	93	13821	8.569	ng	# 94
29) 2,4-Dichlorophenol	10.522	162	10125	7.021	ng	97
30) 1,2,4-Trichlorobenzene	10.739	180	12588	7.729	ng	96
31) Naphthalene	10.927	128	37120	7.699	ng	97
32) Benzoic acid	10.140	122	1585	1.940	ng	92
33) 4-Chloroaniline	11.039	127	14011	7.615	ng	# 95
34) Hexachlorobutadiene	11.221	225	8319	7.128	ng	97
35) Caprolactam	11.797	113	3181	7.104	ng	# 79
36) 4-Chloro-3-methylphenol	12.161	107	12930	7.603	ng	86
37) 2-Methylnaphthalene	12.531	142	28199	8.014	ng	96
38) 1-Methylnaphthalene	12.754	142	24843	7.384	ng	100
40) 1,2,4,5-Tetrachloroben...	12.895	216	14032	7.614	ng	96
41) Hexachlorocyclopentadiene	12.877	237	6695	8.139	ng	91
43) 2,4,6-Trichlorophenol	13.136	196	8349	6.946	ng	89

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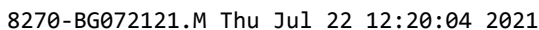
Instrument :
 BNA_G
 ClientSampleId :
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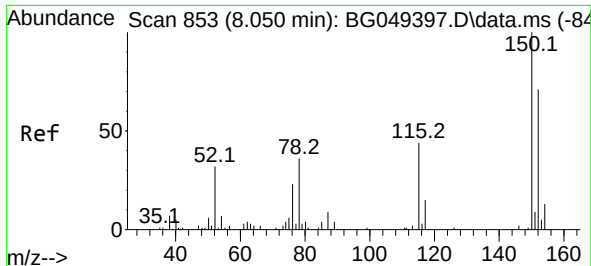
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.218	196	9584	7.371	ng	# 84
46) 1,1'-Biphenyl	13.535	154	35928	7.864	ng	99
47) 2-Chloronaphthalene	13.582	162	26412	7.527	ng	99
48) 2-Nitroaniline	13.776	65	9890	8.099	ng	# 82
49) Acenaphthylene	14.428	152	43448	7.637	ng	97
50) Dimethylphthalate	14.152	163	35345	7.807	ng	97
51) 2,6-Dinitrotoluene	14.276	165	7205	7.330	ng	92
52) Acenaphthene	14.769	154	25582	7.450	ng	99
53) 3-Nitroaniline	14.605	138	7532	7.642	ng	93
54) 2,4-Dinitrophenol	14.816	184	2495	6.031	ng	# 74
55) Dibenzofuran	15.104	168	41731	7.573	ng	# 96
56) 4-Nitrophenol	14.916	139	4476	5.757	ng	# 88
57) 2,4-Dinitrotoluene	15.063	165	9966	7.336	ng	93
58) Fluorene	15.756	166	33268	7.451	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.333	232	8289	6.974	ng	# 96
60) Diethylphthalate	15.515	149	35631	7.835	ng	# 91
61) 4-Chlorophenyl-phenylether	15.744	204	17383	7.654	ng	# 88
62) 4-Nitroaniline	15.768	138	7665	7.389	ng	# 79
63) Azobenzene	16.038	77	39215	7.787	ng	86
65) 4,6-Dinitro-2-methylph...	15.826	198	3757	5.271	ng	86
66) n-Nitrosodiphenylamine	15.956	169	27826	7.362	ng	98
67) 4-Bromophenyl-phenylether	16.637	248	11575	7.766	ng	96
68) Hexachlorobenzene	16.760	284	12967	7.683	ng	96
69) Atrazine	16.901	200	12578	8.399	ng	89
70) Pentachlorophenol	17.107	266	3717	4.900	ng	97
71) Phenanthrene	17.495	178	54515	7.707	ng	95
72) Anthracene	17.589	178	56715	8.158	ng	96
73) Carbazole	17.859	167	49753	7.524	ng	96
74) Di-n-butylphthalate	18.411	149	59116	7.840	ng	99
75) Fluoranthene	19.504	202	67145	7.624	ng	97
77) Benzidine	19.686	184	35809	8.972	ng	99
78) Pyrene	19.868	202	70625	7.461	ng	96
80) Butylbenzylphthalate	20.743	149	26019	7.560	ng	97
81) Benzo(a)anthracene	21.713	228	69307	7.587	ng	99
82) 3,3'-Dichlorobenzidine	21.624	252	26705	10.134	ng	# 99
83) Chrysene	21.777	228	63878	7.251	ng	98
84) Bis(2-ethylhexyl)phtha...	21.613	149	39023	7.561	ng	97
85) Di-n-octyl phthalate	22.840	149	66220	7.428	ng	100
87) Indeno(1,2,3-cd)pyrene	28.750	276	82422	7.652	ng	# 59
88) Benzo(b)fluoranthene	24.033	252	72178	7.361	ng	99
89) Benzo(k)fluoranthene	24.033	252	72178	7.914	ng	97
90) Benzo(a)pyrene	24.855	252	71211	8.013	ng	99
91) Dibenzo(a,h)anthracene	28.821	278	70072	7.746	ng	98
92) Benzo(g,h,i)perylene	29.925	276	69346	7.747	ng	98

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

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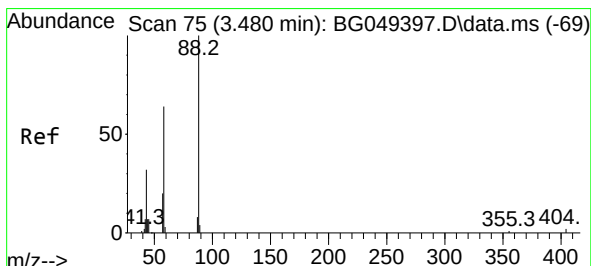
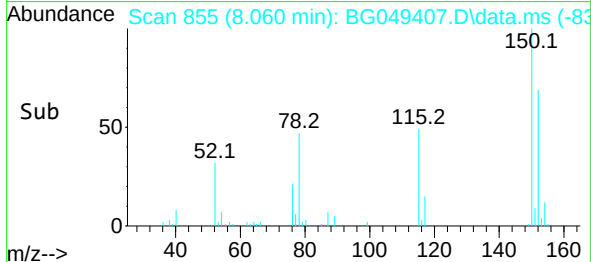
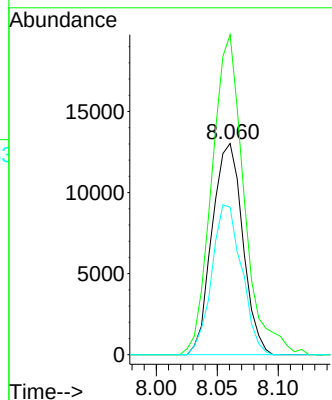
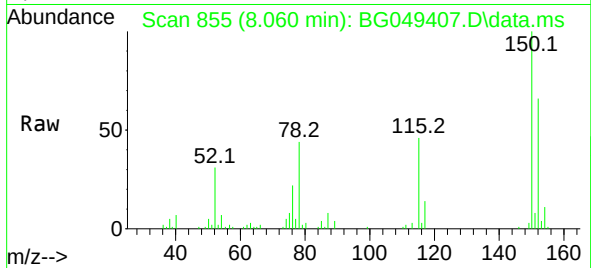




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.060 min Scan# 855
 Delta R.T. 0.010 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

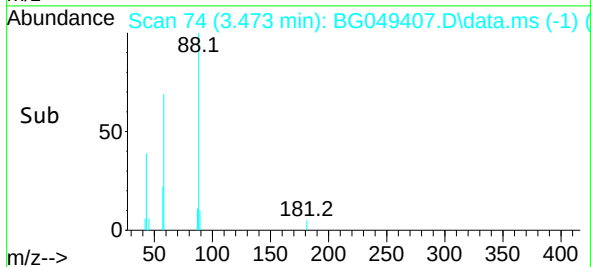
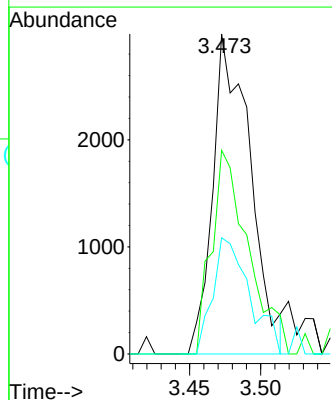
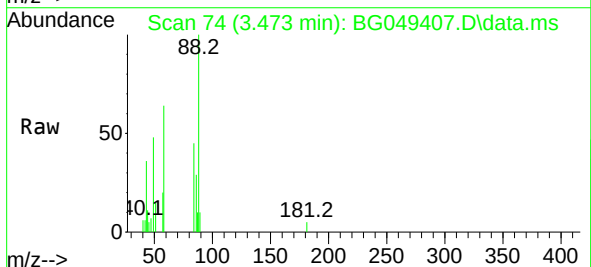
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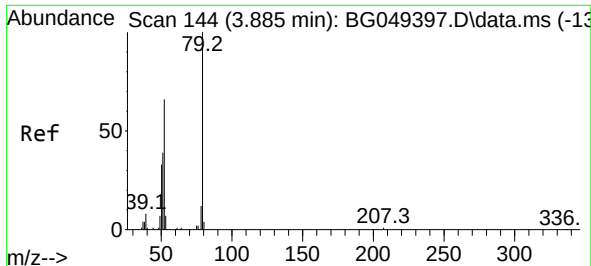
Tgt Ion:152 Resp: 22785
 Ion Ratio Lower Upper
 152 100
 150 151.5 119.4 179.0
 115 69.9 60.2 90.4



#2
 1,4-Dioxane
 Concen: 8.963 ng
 RT: 3.473 min Scan# 74
 Delta R.T. -0.007 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

Tgt Ion: 88 Resp: 5453
 Ion Ratio Lower Upper
 88 100
 58 62.6 55.7 83.5
 43 35.7 29.3 43.9

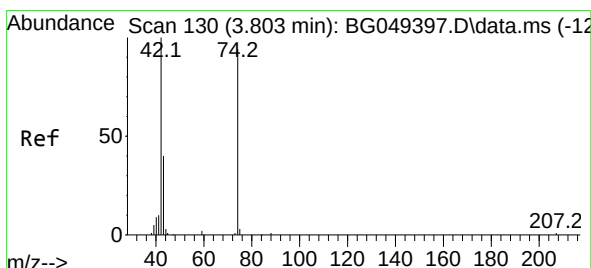
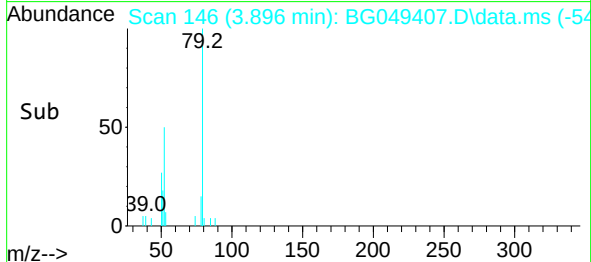
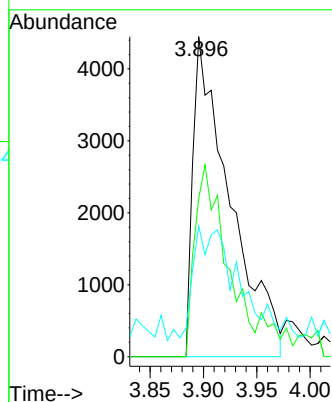
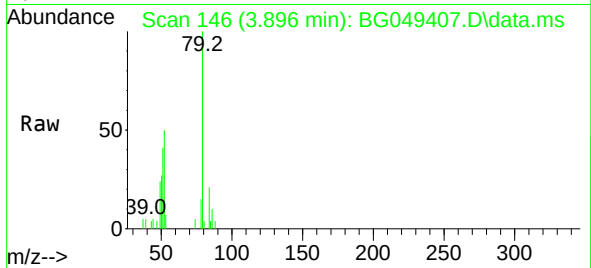




#3
Pyridine
Concen: 6.900 ng
RT: 3.896 min Scan# 146
Delta R.T. 0.011 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

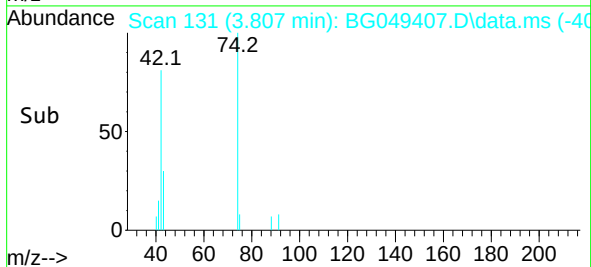
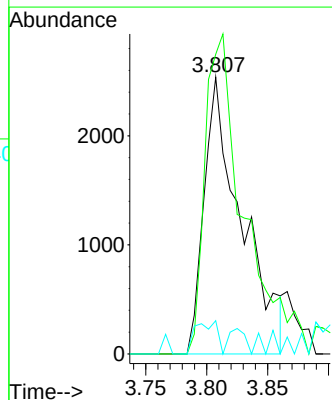
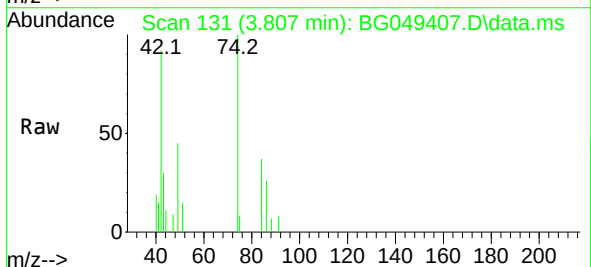
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

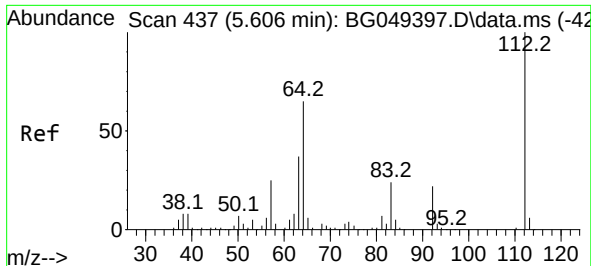
Tgt Ion: 79 Resp: 10698
Ion Ratio Lower Upper
79 100
52 49.5 58.4 87.6#
51 40.7 37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 7.090 ng
RT: 3.807 min Scan# 131
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion: 42 Resp: 5398
Ion Ratio Lower Upper
42 100
74 108.3 64.0 96.0#
44 12.0 2.7 4.1#

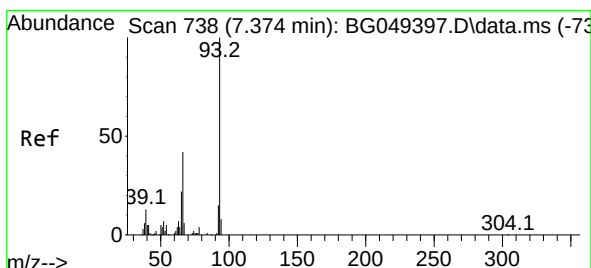
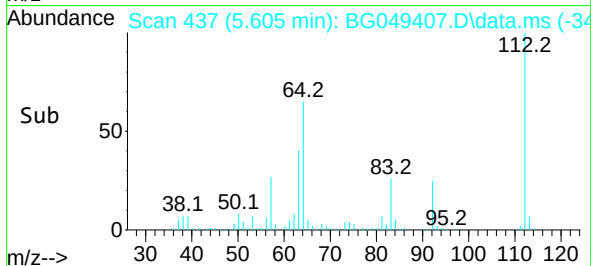
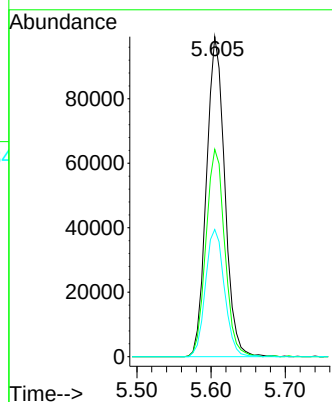
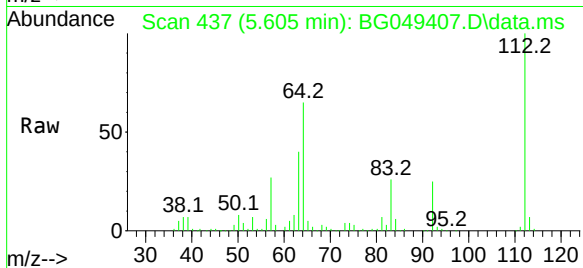




#5
2-Fluorophenol
Concen: 126.727 ng
RT: 5.605 min Scan# 437
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

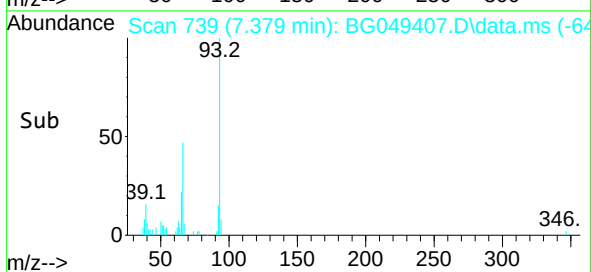
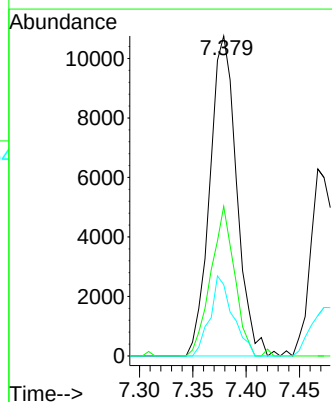
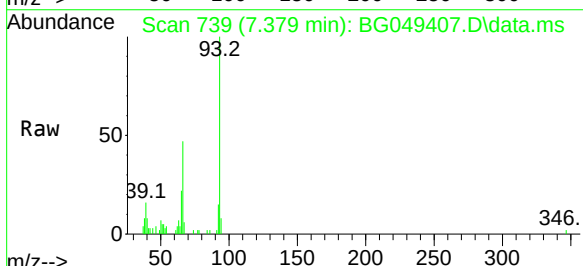
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

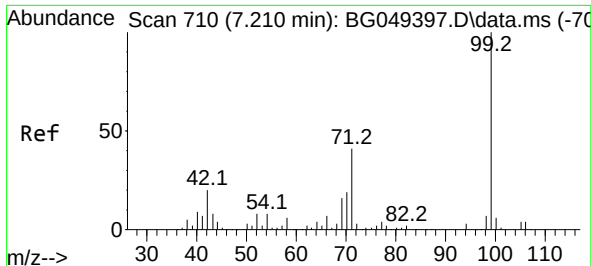
Tgt Ion:	112	Resp:	170191
Ion Ratio	Lower	Upper	
112	100		
64	64.8	46.7	70.1
63	39.7	35.3	52.9



#6
Aniline
Concen: 8.885 ng
RT: 7.379 min Scan# 739
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:	93	Resp:	18795
Ion Ratio	Lower	Upper	
93	100		
66	46.7	30.6	45.8#
65	22.3	15.0	22.4

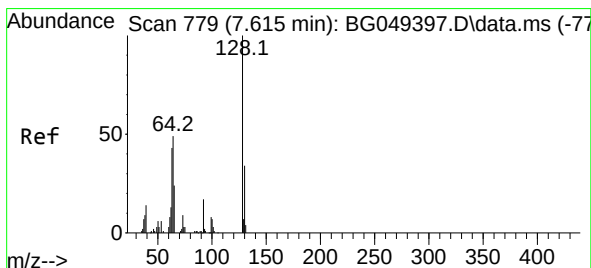
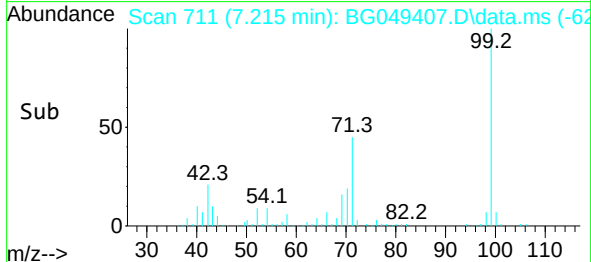
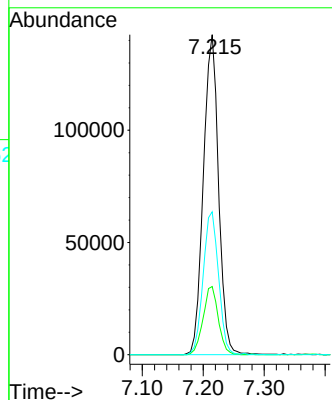
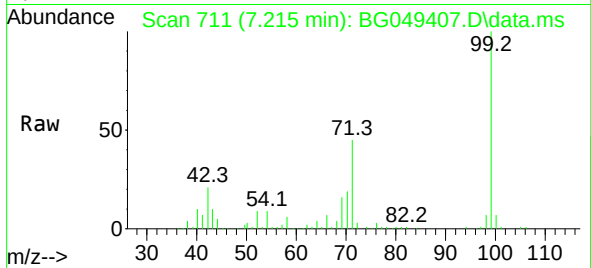




#7
Phenol-d6
Concen: 126.131 ng
RT: 7.215 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

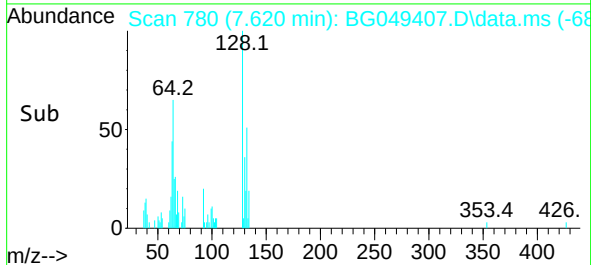
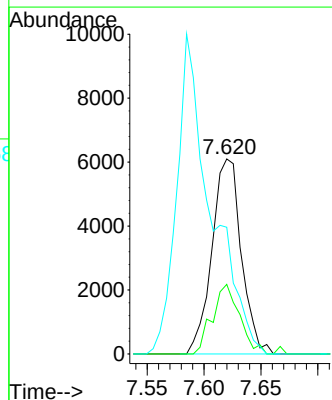
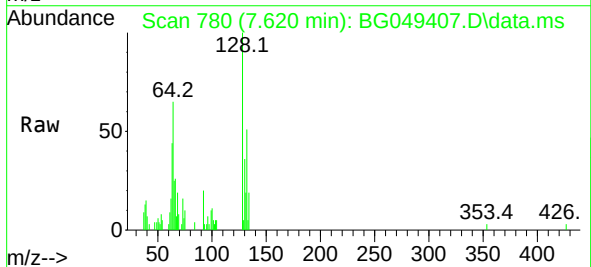
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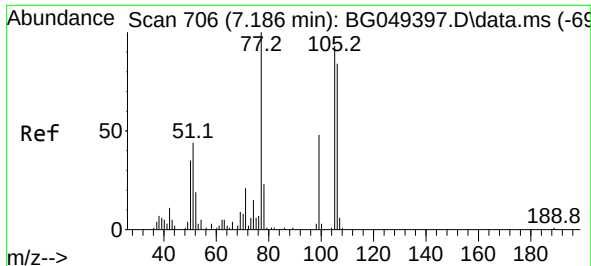
Tgt Ion: 99 Resp: 246695
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 44.7 41.5 62.3



#8
2-Chlorophenol
Concen: 7.973 ng
RT: 7.620 min Scan# 780
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:128 Resp: 10980
Ion Ratio Lower Upper
128 100
130 35.7 10.0 50.0
64 64.9 28.1 68.1

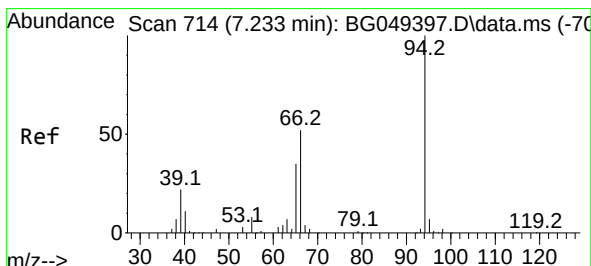
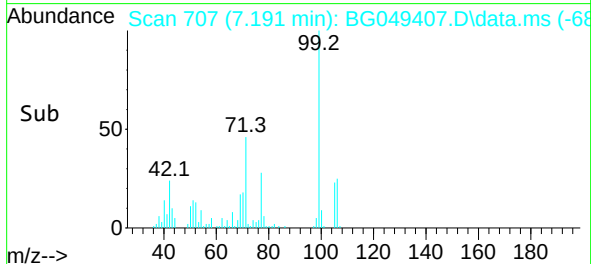
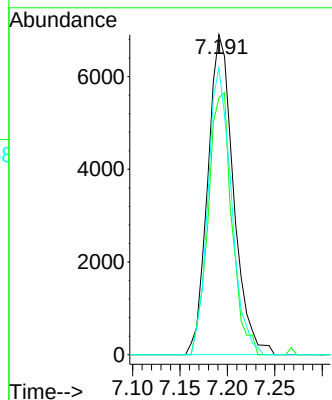
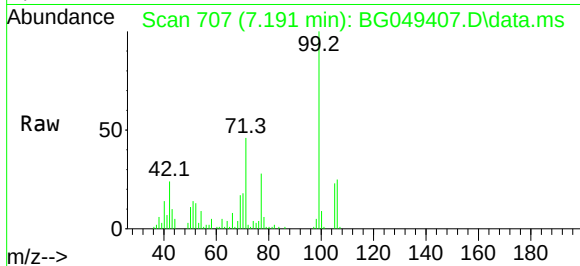




#9
Benzaldehyde
Concen: 10.030 ng
RT: 7.191 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

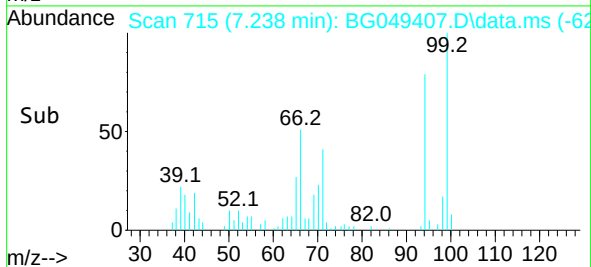
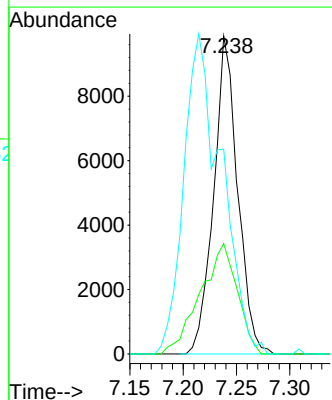
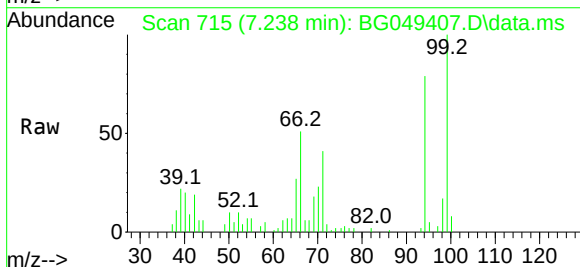
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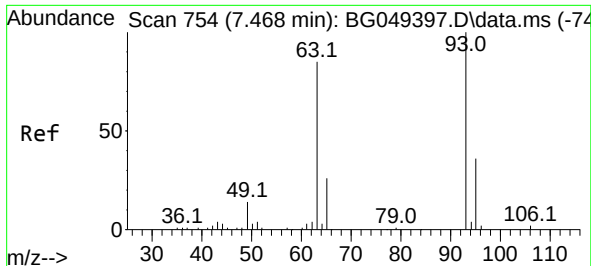
Tgt Ion: 77 Resp: 13032
Ion Ratio Lower Upper
77 100
105 80.3 68.8 108.8
106 89.6 47.9 87.9#



#10
Phenol
Concen: 8.247 ng
RT: 7.238 min Scan# 715
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

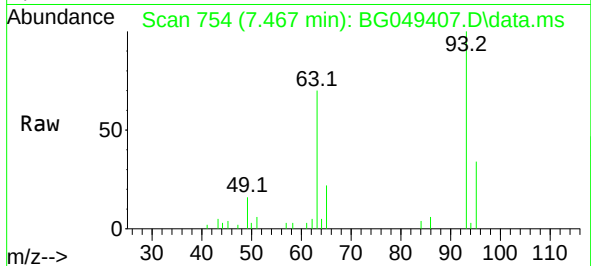
Tgt Ion: 94 Resp: 15365
Ion Ratio Lower Upper
94 100
65 34.7 12.9 52.9
66 64.5 39.4 79.4



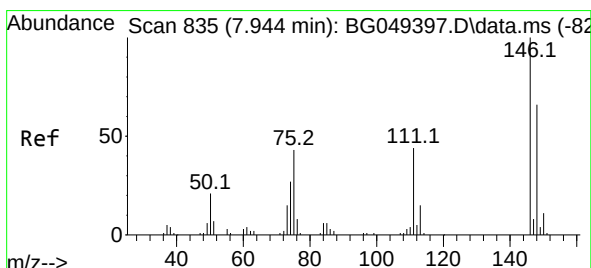
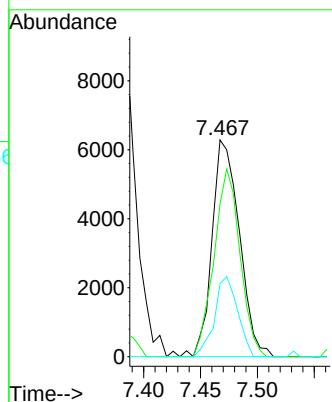
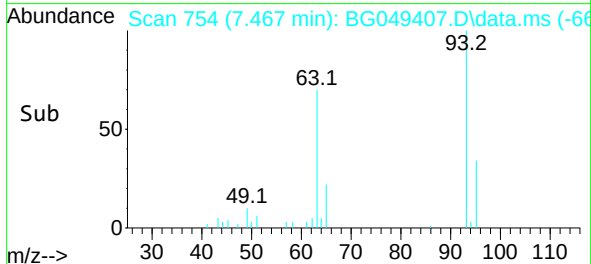


#11
bis(2-Chloroethyl)ether
Concen: 8.225 ng
RT: 7.467 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

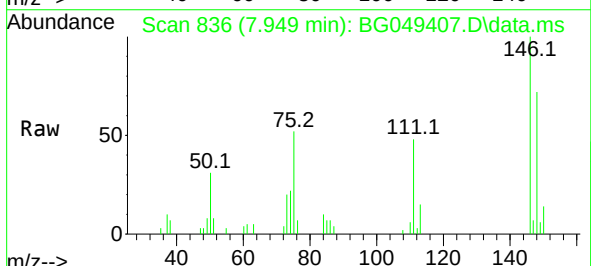
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



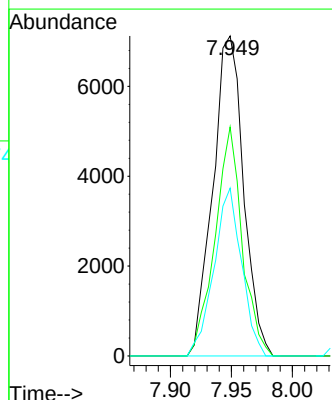
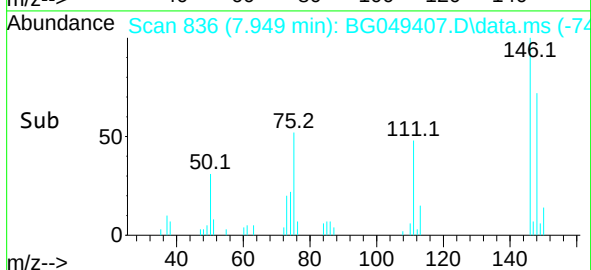
Tgt Ion: 93	Resp: 10497
Ion Ratio	Lower Upper
93 100	
63 70.5	50.4 90.4
95 33.8	15.3 55.3

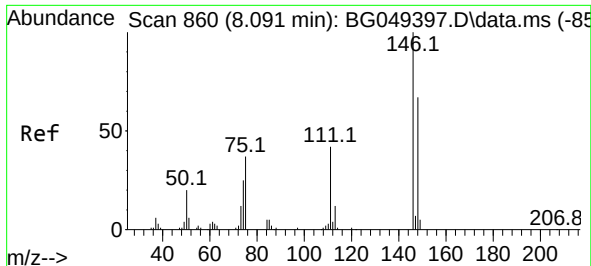


#12
1,3-Dichlorobenzene
Concen: 7.658 ng
RT: 7.949 min Scan# 836
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45



Tgt Ion:146	Resp:	12470	
Ion	Ratio	Lower	Upper
146	100		
148	71.6	52.6	78.8
75	52.5	35.7	53.5

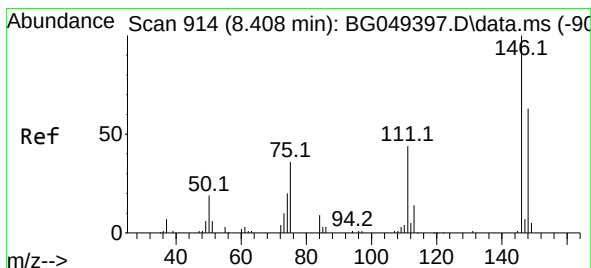
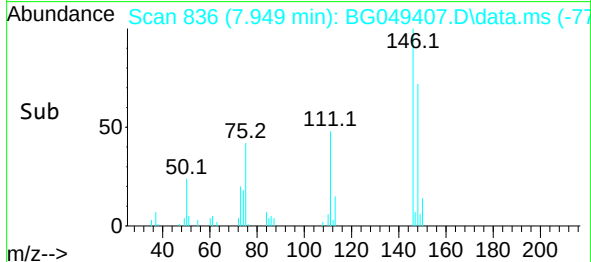
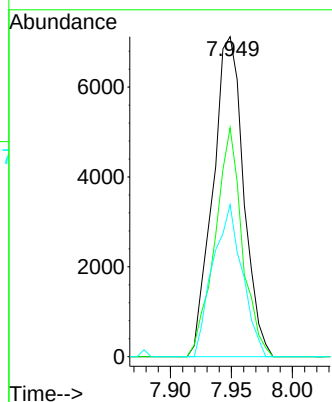
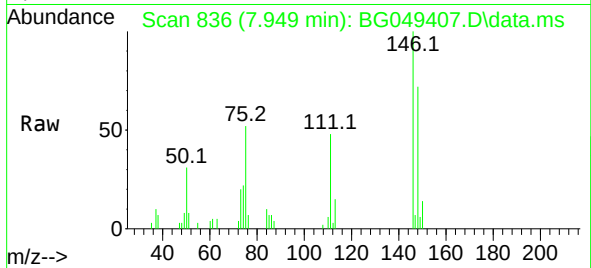




#13
1,4-Dichlorobenzene
Concen: 7.691 ng
RT: 7.949 min Scan# 836
Delta R.T. -0.142 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

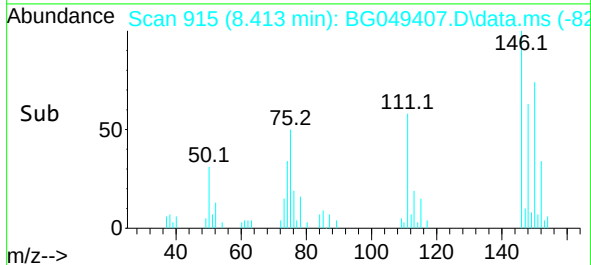
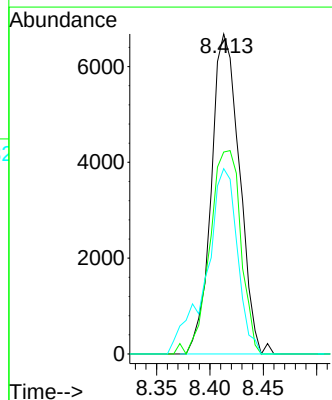
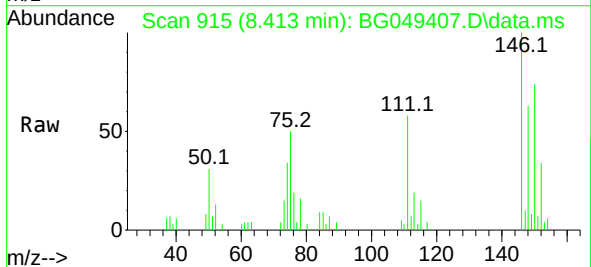
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

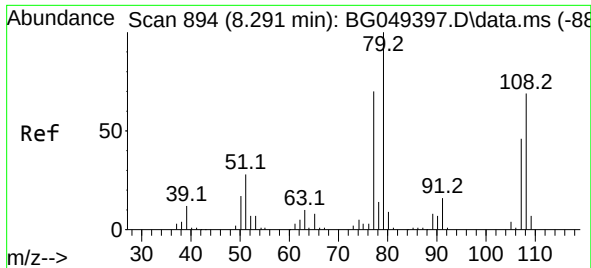
Tgt Ion:146	Resp:	12470
Ion Ratio	Lower	Upper
146	100	
148	71.6	54.0 81.0
111	47.5	34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 7.818 ng
RT: 8.413 min Scan# 915
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:146	Resp:	12246
Ion Ratio	Lower	Upper
146	100	
148	63.1	47.5 71.3
111	57.9	39.1 58.7

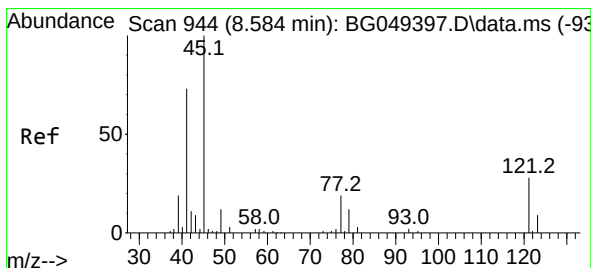
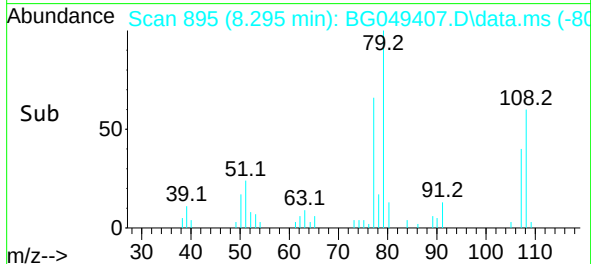
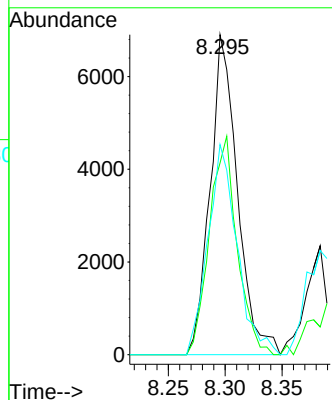
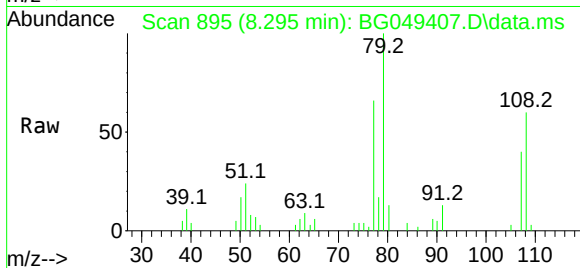




#15
Benzyl Alcohol
Concen: 7.213 ng
RT: 8.295 min Scan# 895
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

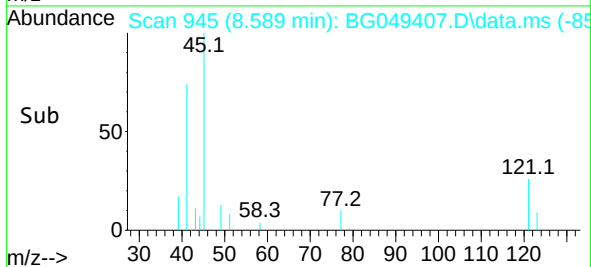
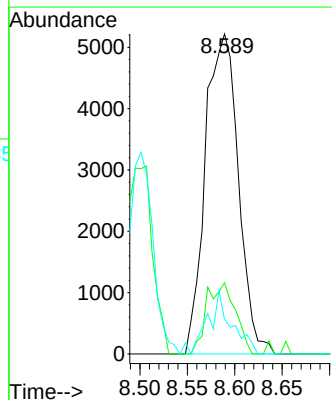
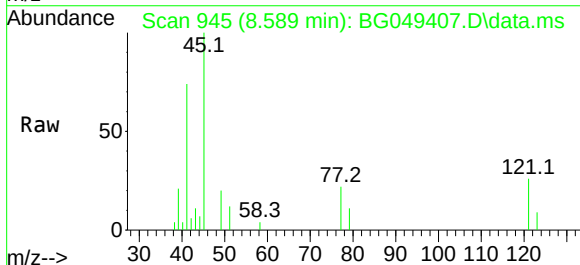
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

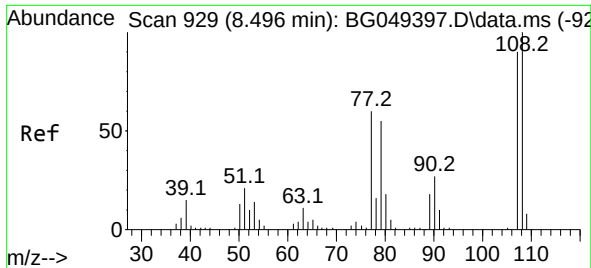
Tgt Ion: 79 Resp: 11532
Ion Ratio Lower Upper
79 100
108 59.9 48.2 72.4
77 65.6 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.479 ng
RT: 8.589 min Scan# 945
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion: 45 Resp: 12641
Ion Ratio Lower Upper
45 100
77 22.3 2.2 42.2
79 10.9 0.0 34.3

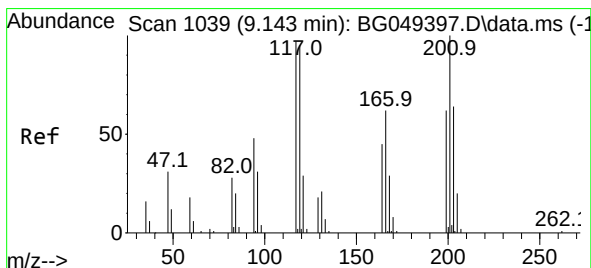
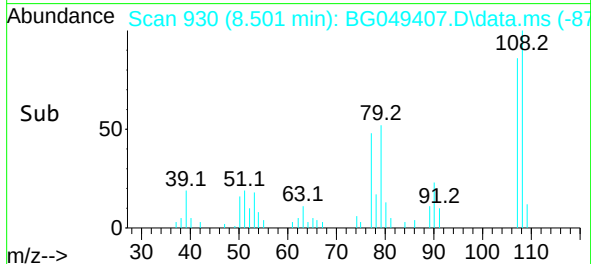
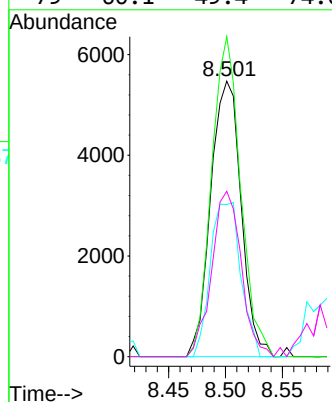
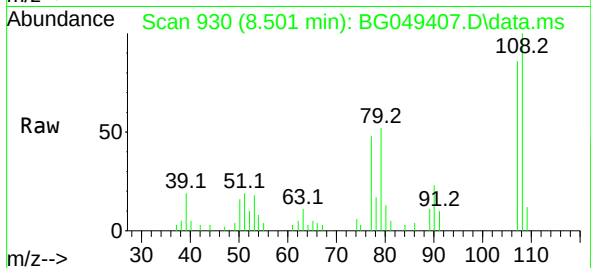




#17
2-Methylphenol
Concen: 8.208 ng
RT: 8.501 min Scan# 930
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

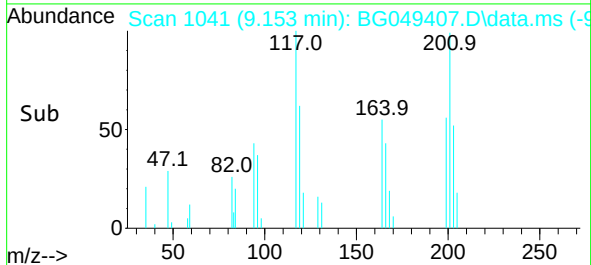
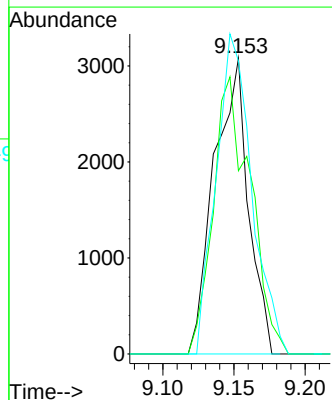
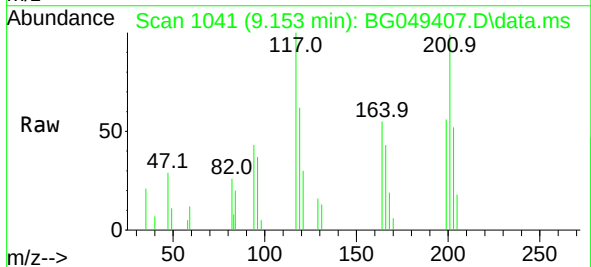
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

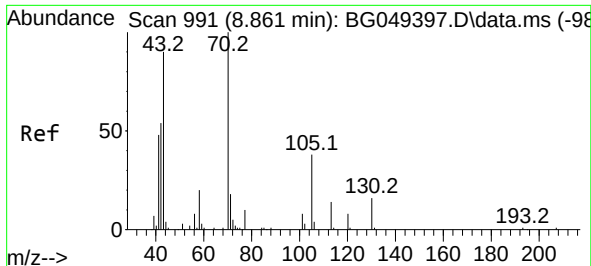
Tgt Ion:	107	Resp:	10181
Ion	Ratio	Lower	Upper
107	100		
108	116.1	84.6	127.0
77	55.2	50.7	76.1
79	60.1	49.4	74.0



#18
Hexachloroethane
Concen: 8.130 ng
RT: 9.153 min Scan# 1041
Delta R.T. 0.011 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

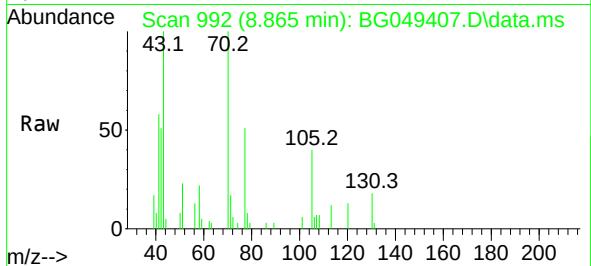
Tgt Ion:	117	Resp:	5123
Ion	Ratio	Lower	Upper
117	100		
119	61.9	74.4	111.6#
201	99.1	88.6	133.0



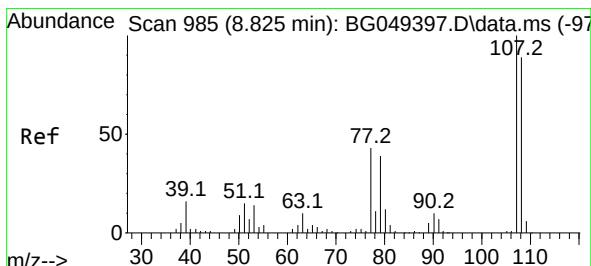
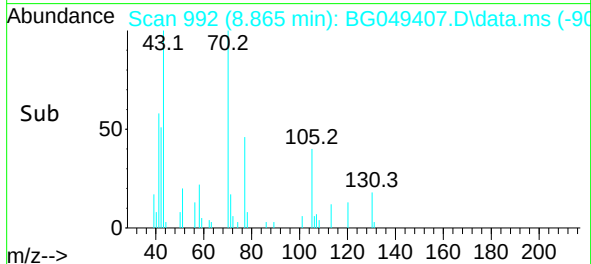
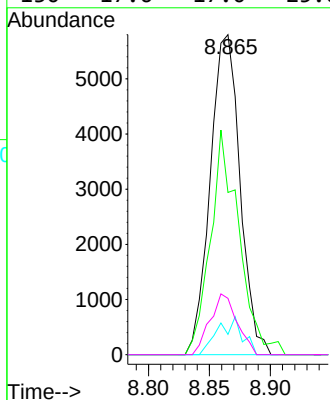


#19
n-Nitroso-di-n-propylamine
Concen: 7.684 ng
RT: 8.865 min Scan# 992
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

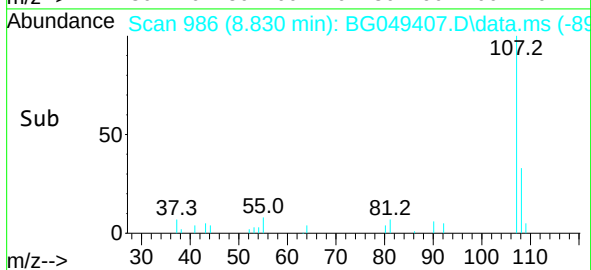
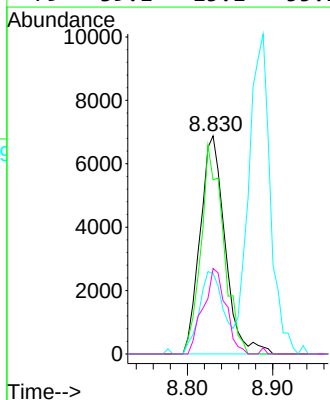
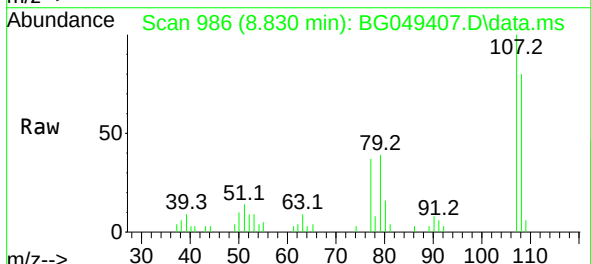


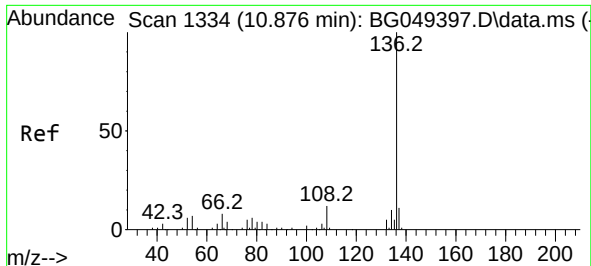
Tgt Ion: 70 Resp: 9875
Ion Ratio Lower Upper
70 100
42 50.7 54.5 81.7#
101 6.3 9.0 13.6#
130 17.6 17.0 25.6



#20
3+4-Methylphenols
Concen: 8.195 ng
RT: 8.830 min Scan# 986
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion: 107 Resp: 13930
Ion Ratio Lower Upper
107 100
108 79.8 69.3 109.3
77 36.9 25.2 65.2
79 39.1 15.1 55.1

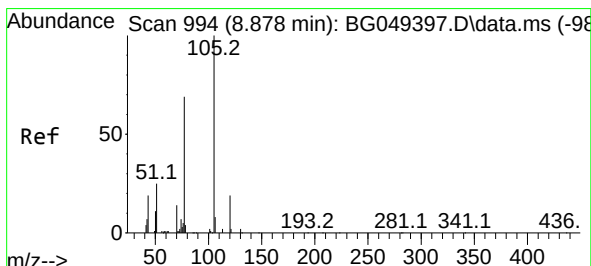
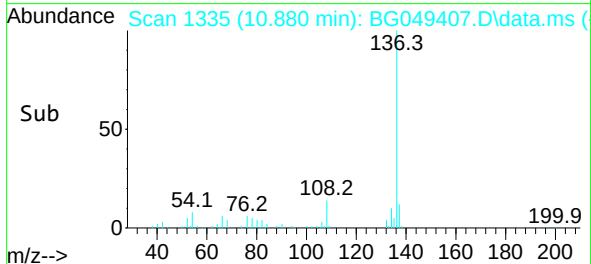
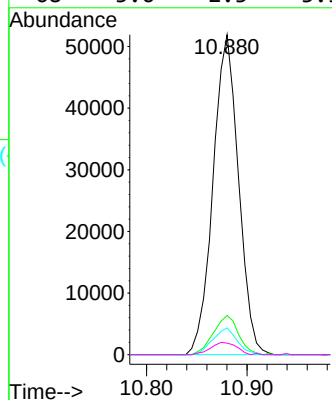
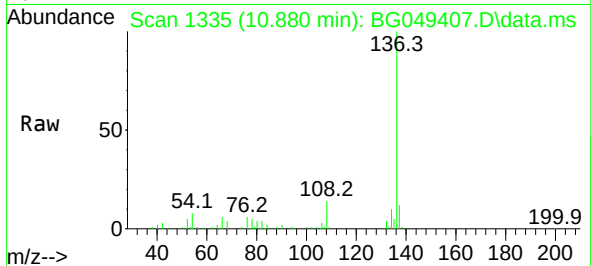




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1335
Delta R.T. 0.004 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

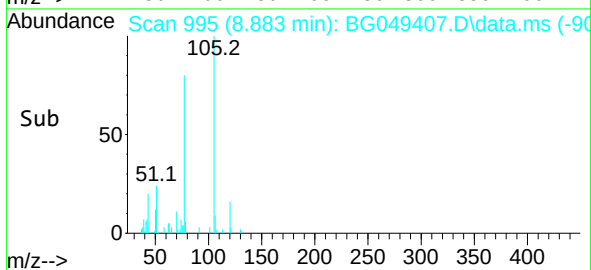
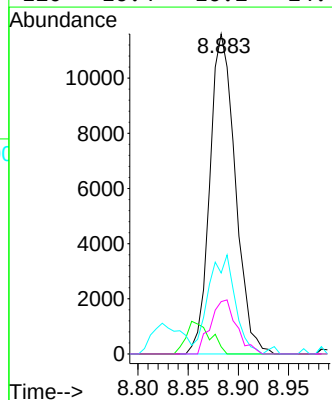
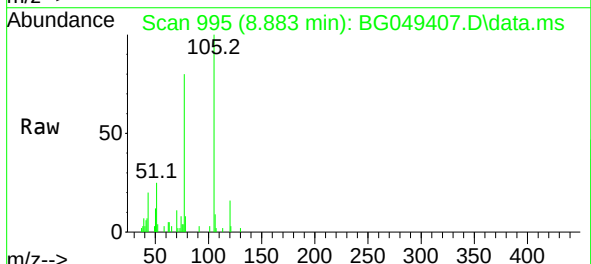
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

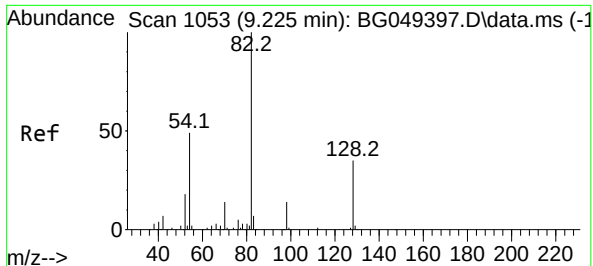
Tgt Ion:	136	Resp:	91416
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.2	12.2#
54	8.4	5.5	8.3#
68	3.6	2.3	3.5#



#22
Acetophenone
Concen: 8.366 ng
RT: 8.883 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:	105	Resp:	20480
Ion Ratio	Lower	Upper	
105	100		
71	2.2	0.6	0.8#
51	25.3	26.6	40.0#
120	16.4	16.2	24.4





#23

Nitrobenzene-d5

Concen: 84.099 ng

RT: 9.229 min Scan# 1054

Delta R.T. 0.005 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

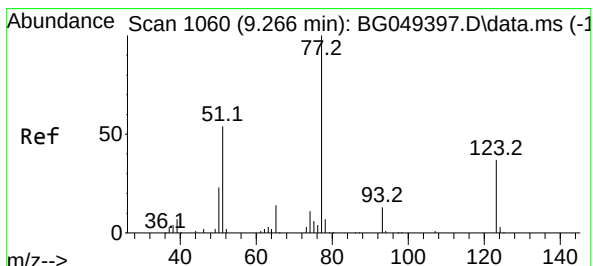
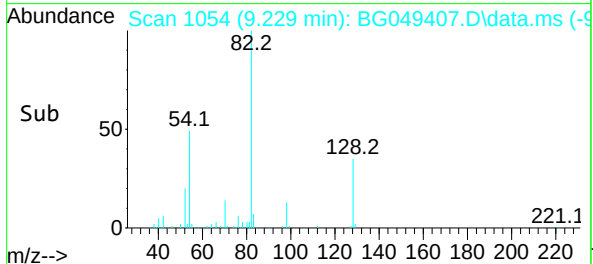
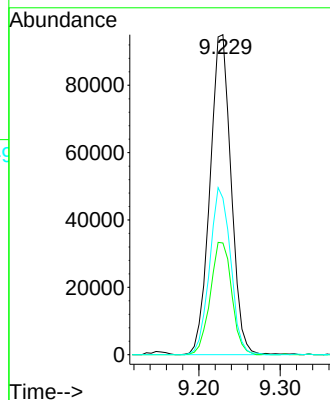
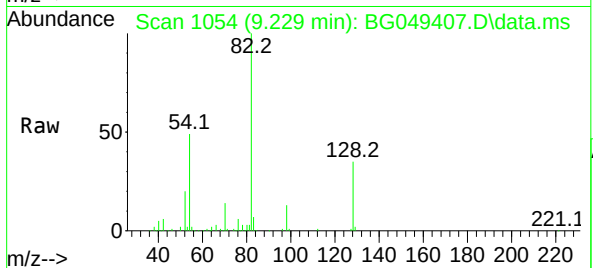
Tgt Ion: 82 Resp: 171591

Ion Ratio Lower Upper

82 100

128 34.9 29.8 44.6

54 48.9 45.8 68.8



#24

Nitrobenzene

Concen: 7.956 ng

RT: 9.271 min Scan# 1061

Delta R.T. 0.005 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

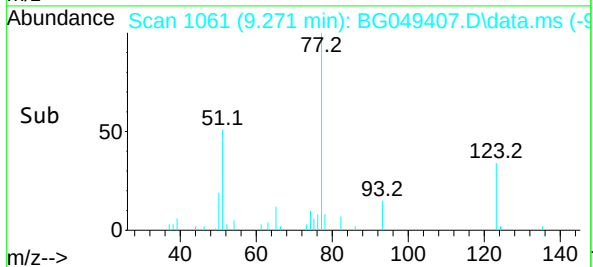
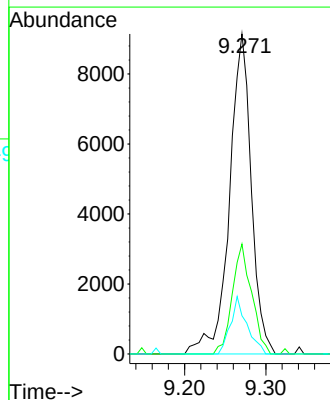
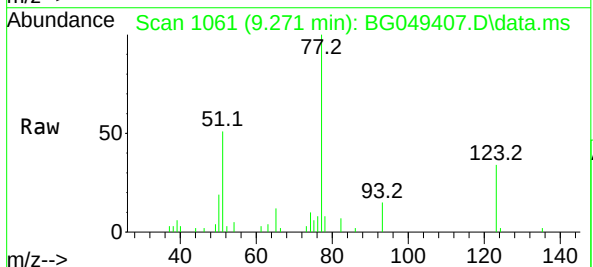
Tgt Ion: 77 Resp: 17048

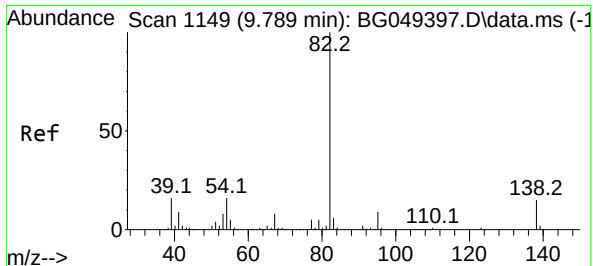
Ion Ratio Lower Upper

77 100

123 34.4 27.5 41.3

65 11.9 12.6 18.8#

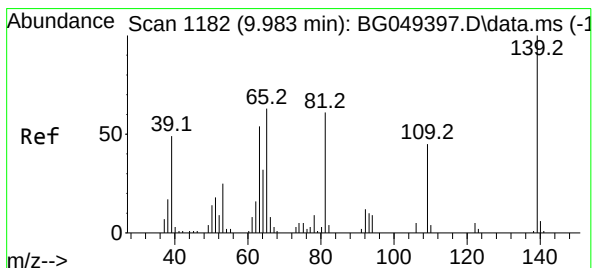
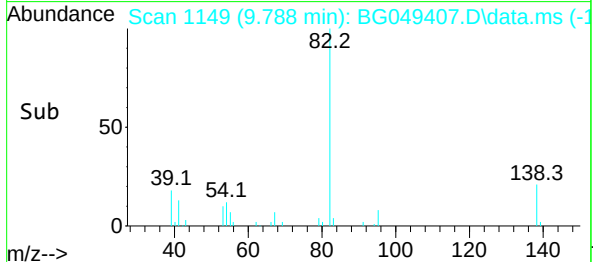
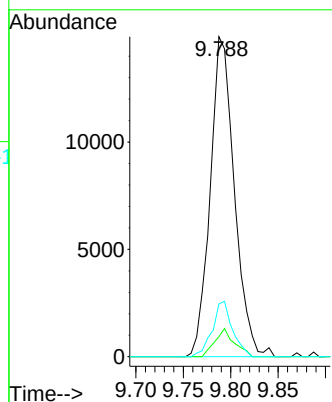
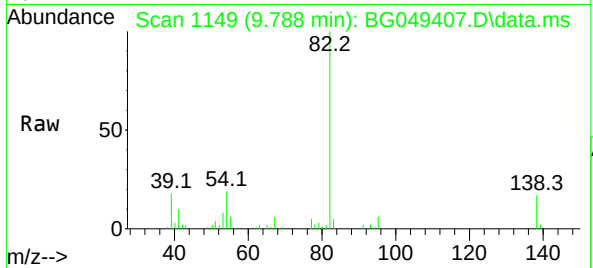




#25
Isophorone
Concen: 7.307 ng
RT: 9.788 min Scan# 1149
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

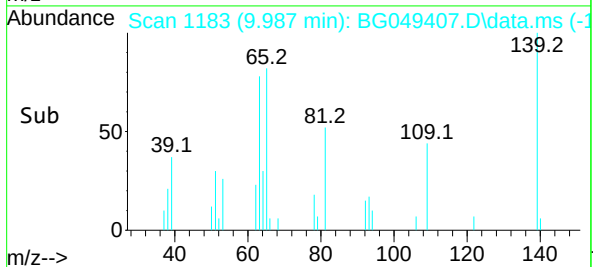
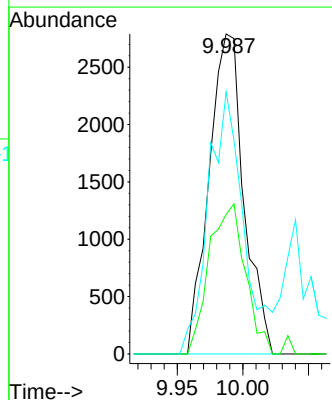
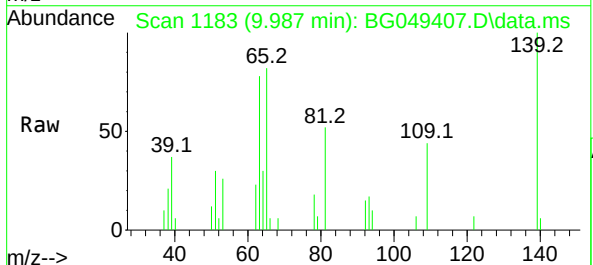
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

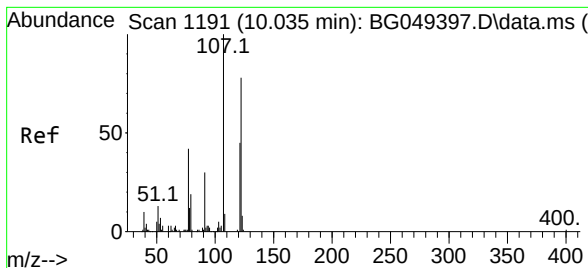
Tgt Ion: 82 Resp: 26415
Ion Ratio Lower Upper
82 100
95 6.2 8.5 12.7#
138 16.5 11.8 17.6



#26
2-Nitrophenol
Concen: 6.638 ng
RT: 9.987 min Scan# 1183
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:139 Resp: 5163
Ion Ratio Lower Upper
139 100
109 43.6 37.8 56.6
65 81.9 51.8 77.8#

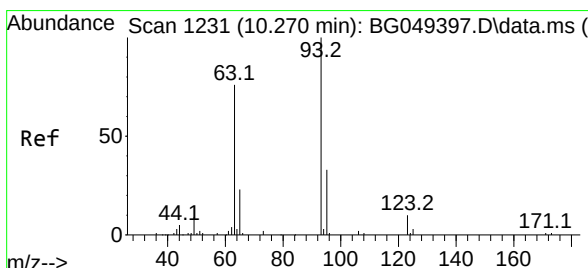
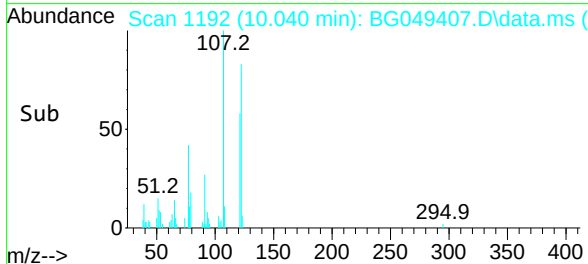
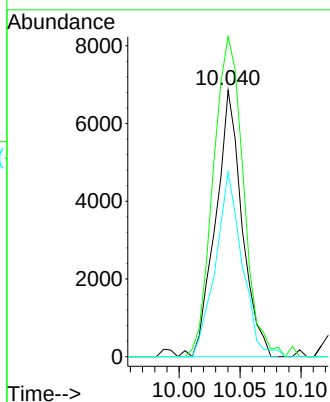
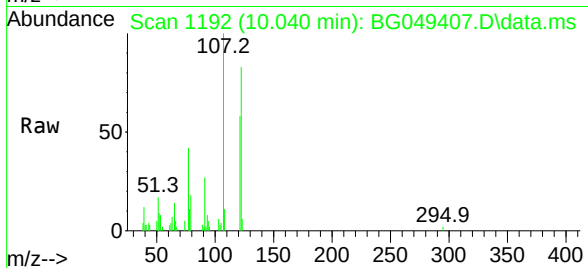




#27
2,4-Dimethylphenol
Concen: 8.302 ng
RT: 10.040 min Scan# 1192
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

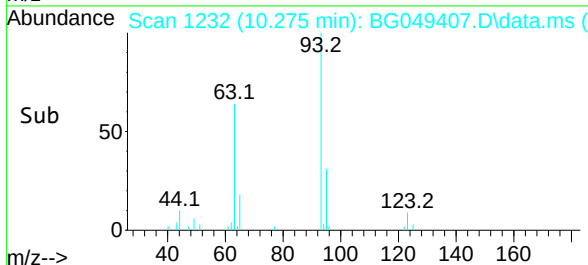
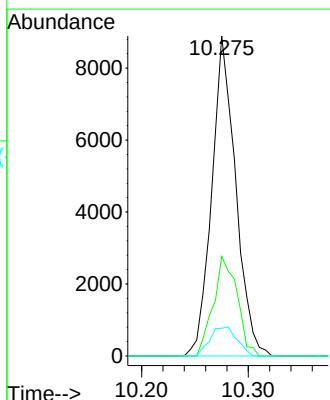
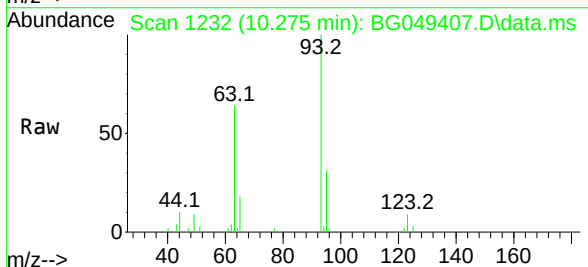
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

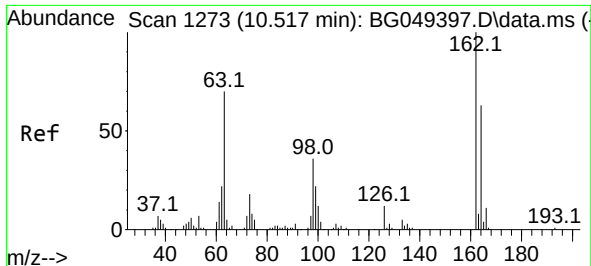
Tgt Ion:122 Resp: 10324
Ion Ratio Lower Upper
122 100
107 120.1 110.1 165.1
121 69.3 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 8.569 ng
RT: 10.275 min Scan# 1232
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion: 93 Resp: 13821
Ion Ratio Lower Upper
93 100
95 31.1 22.2 33.4
123 8.6 8.8 13.2#

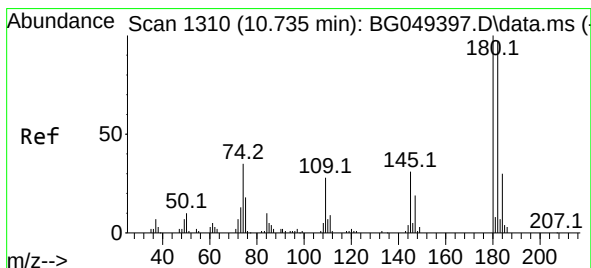
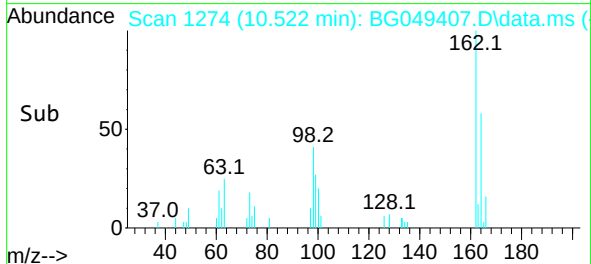
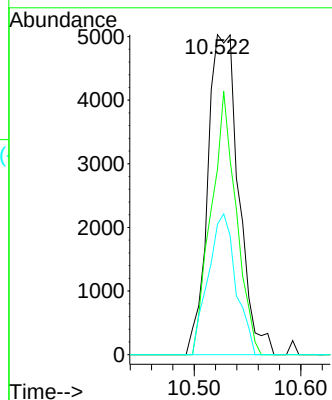
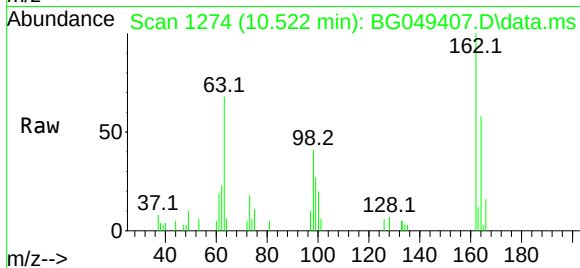




#29
2,4-Dichlorophenol
Concen: 7.021 ng
RT: 10.522 min Scan# 1274
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

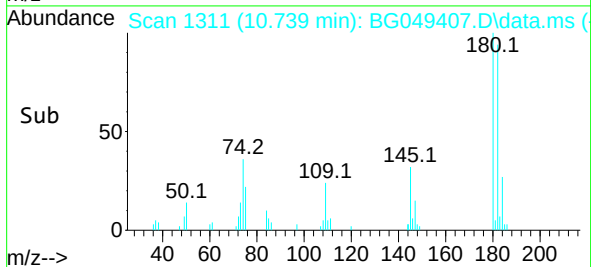
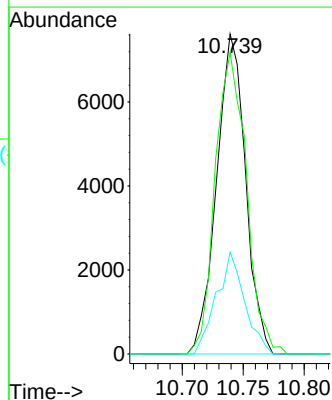
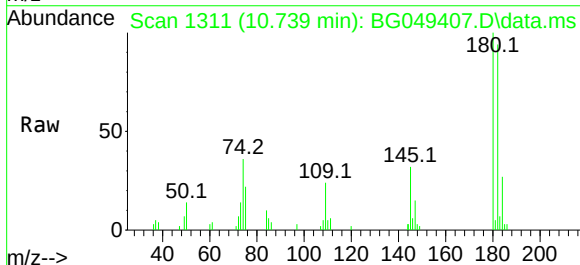
Instrument :
BNA_G
ClientSampleId :
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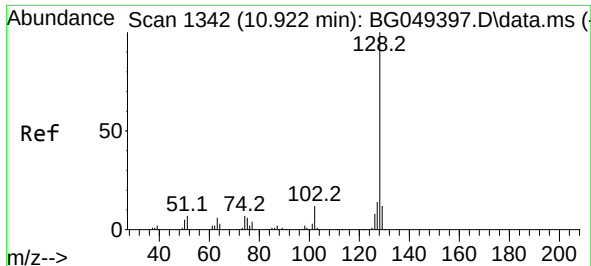
Tgt Ion:162	Resp:	10125
Ion Ratio	Lower	Upper
162	100	
164	57.9	39.4 79.4
98	40.8	18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 7.729 ng
RT: 10.739 min Scan# 1311
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:180	Resp:	12588
Ion Ratio	Lower	Upper
180	100	
182	94.2	78.9 118.3
145	31.8	26.2 39.4

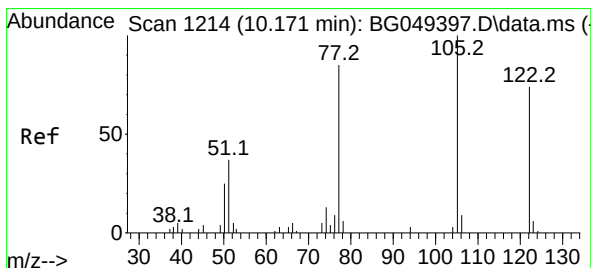
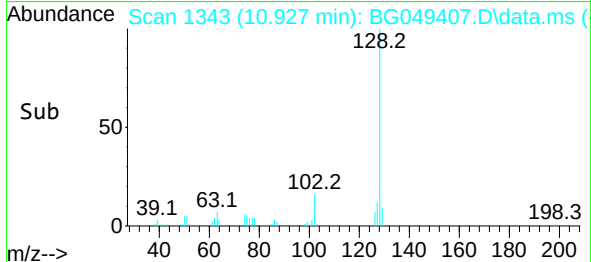
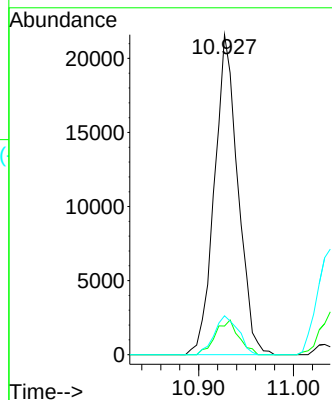
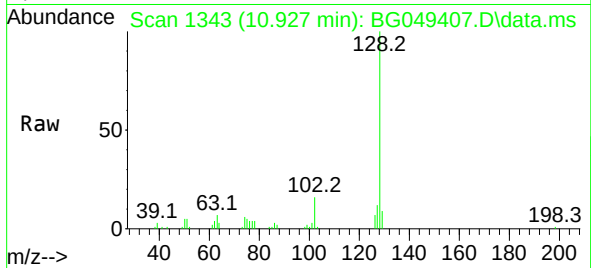




#31
Naphthalene
Concen: 7.699 ng
RT: 10.927 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

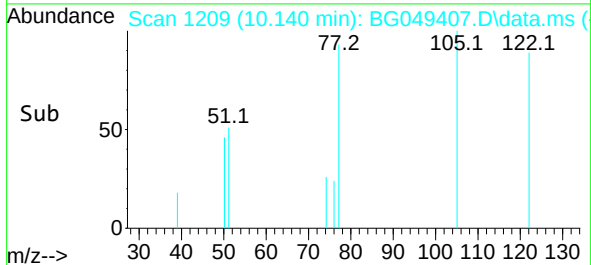
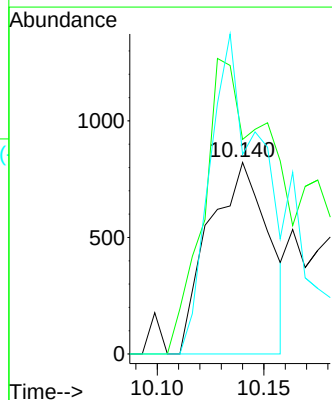
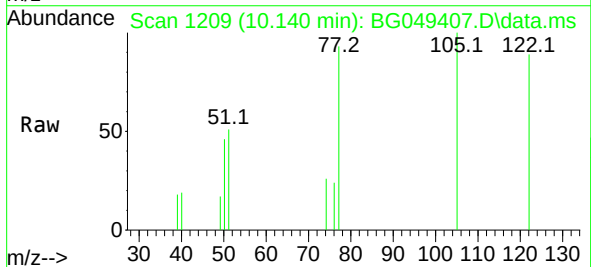
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

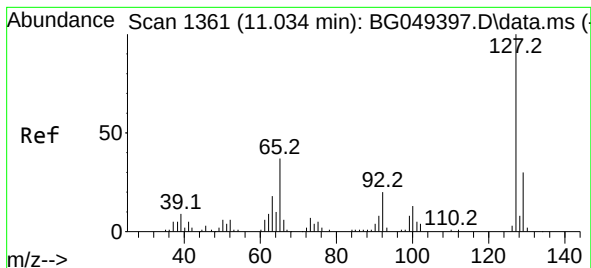
Tgt Ion:128 Resp: 37120
Ion Ratio Lower Upper
128 100
129 8.9 8.5 12.7
127 12.1 10.2 15.4



#32
Benzoic acid
Concen: 1.940 ng
RT: 10.140 min Scan# 1209
Delta R.T. -0.031 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:122 Resp: 1585
Ion Ratio Lower Upper
122 100
105 112.0 92.3 132.3
77 104.1 66.5 106.5

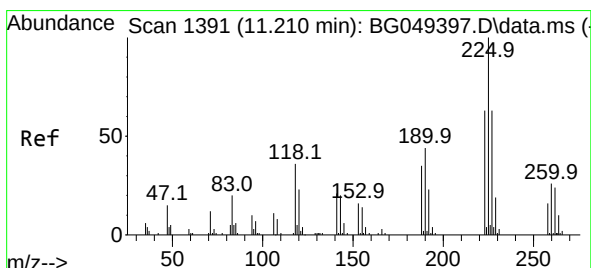
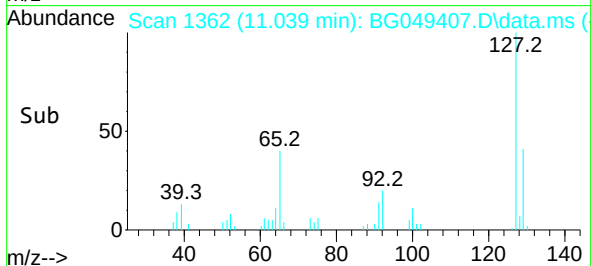
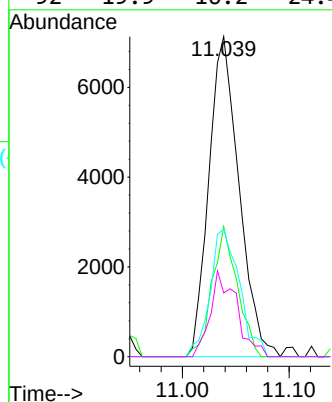
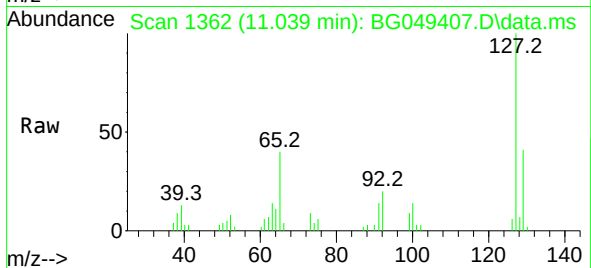




#33
4-Chloroaniline
Concen: 7.615 ng
RT: 11.039 min Scan# 1362
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

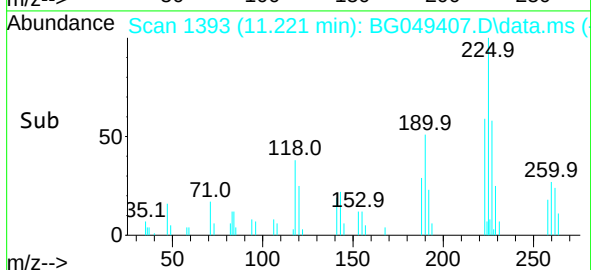
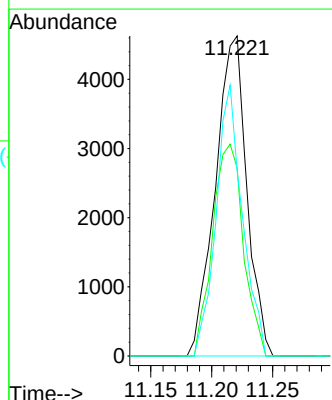
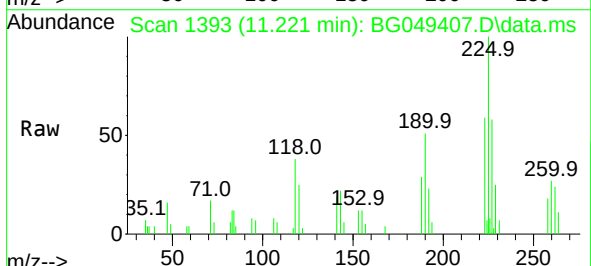
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

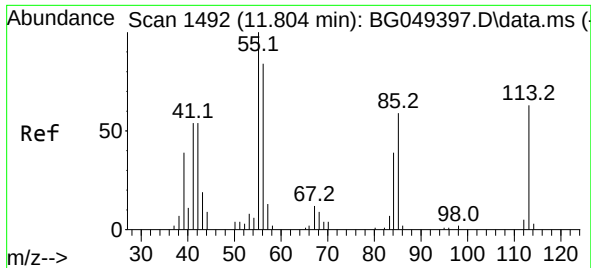
Tgt Ion:127	Resp:	14011
Ion Ratio	Lower	Upper
127	100	
129	40.7	26.7 40.1#
65	39.8	32.8 49.2
92	19.9	16.2 24.4



#34
Hexachlorobutadiene
Concen: 7.128 ng
RT: 11.221 min Scan# 1393
Delta R.T. 0.011 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:225	Resp:	8319
Ion Ratio	Lower	Upper
225	100	
223	58.7	49.8 74.8
227	57.7	46.4 69.6

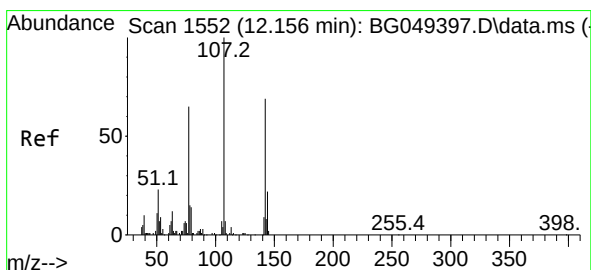
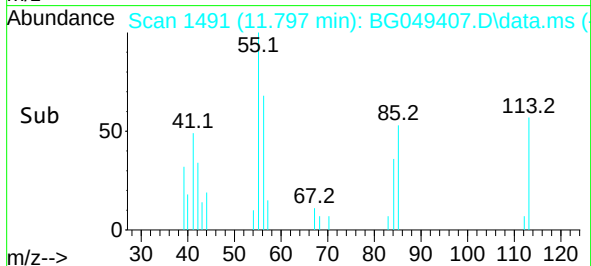
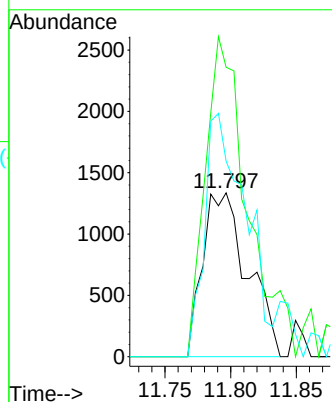
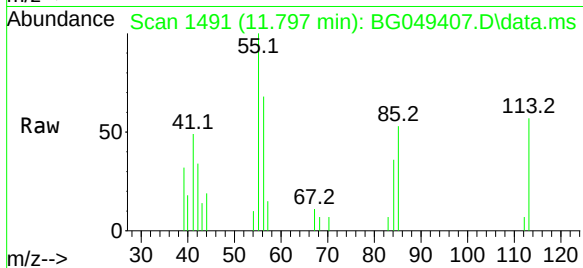




#35
 Caprolactam
 Concen: 7.104 ng
 RT: 11.797 min Scan# 1491
 Delta R.T. -0.007 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

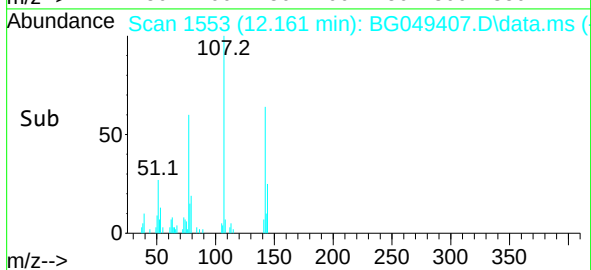
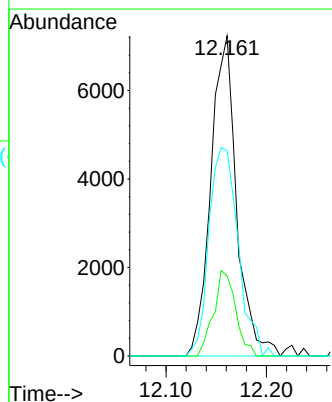
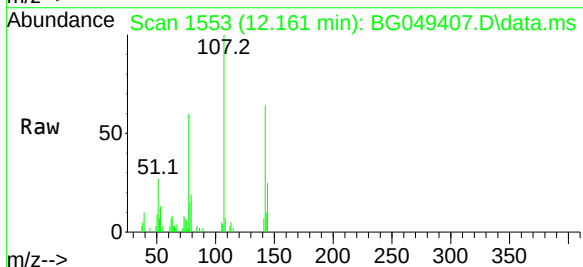
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

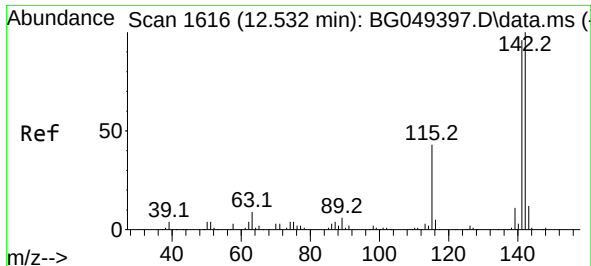
Tgt Ion:113 Resp: 3181
 Ion Ratio Lower Upper
 113 100
 55 176.6 113.8 153.8#
 56 119.3 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 7.603 ng
 RT: 12.161 min Scan# 1553
 Delta R.T. 0.005 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

Tgt Ion:107 Resp: 12930
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.8 37.2
 142 64.2 62.2 93.4

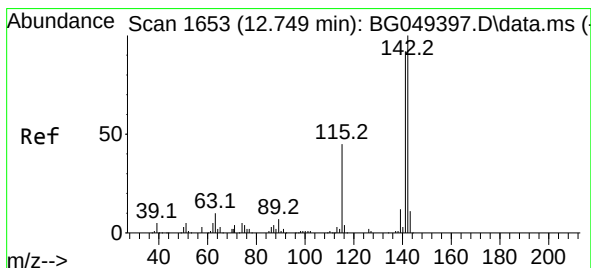
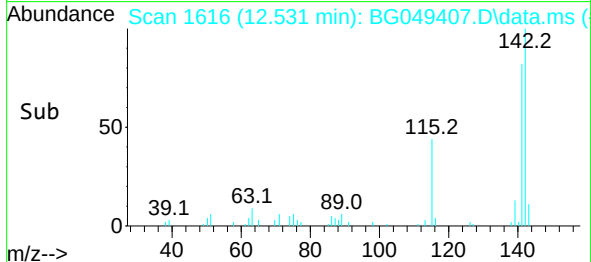
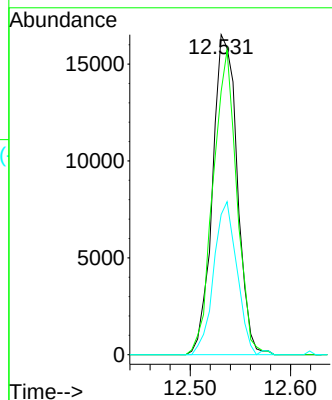
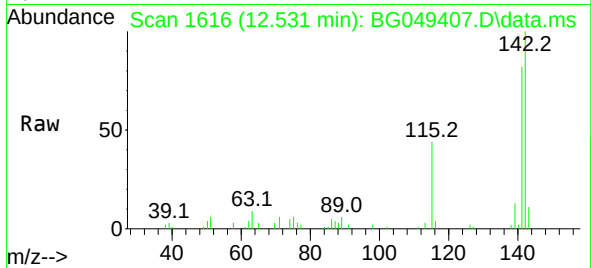




#37
2-Methylnaphthalene
Concen: 8.014 ng
RT: 12.531 min Scan# 1616
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

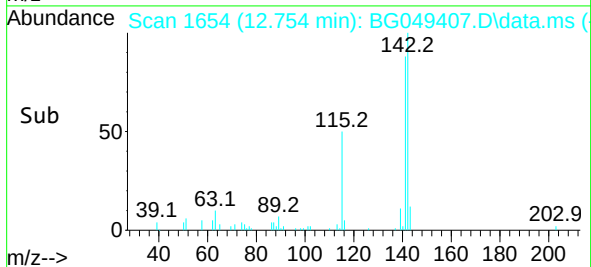
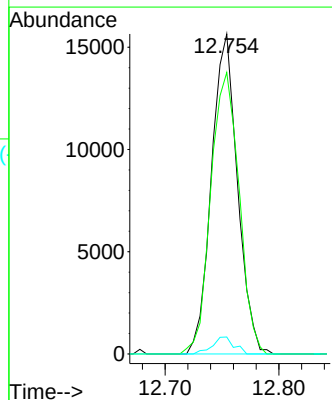
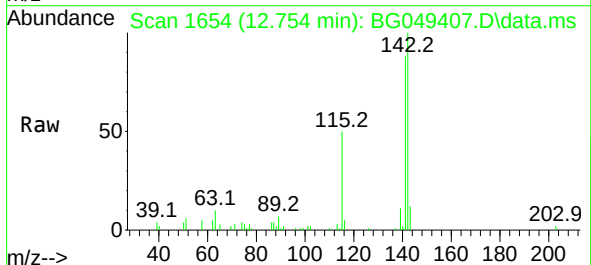
Instrument :
BNA_G
ClientSampleId :
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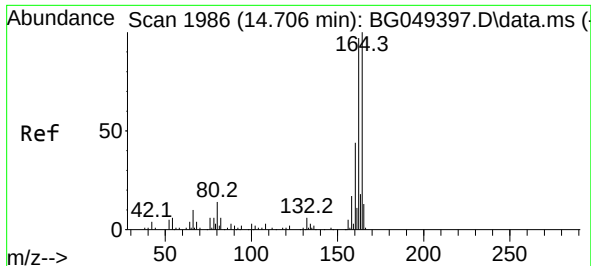
Tgt Ion:142 Resp: 28199
Ion Ratio Lower Upper
142 100
141 82.3 68.8 103.2
115 43.8 36.4 54.6



#38
1-Methylnaphthalene
Concen: 7.384 ng
RT: 12.754 min Scan# 1654
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:142 Resp: 24843
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0
116 5.3 4.0 6.0

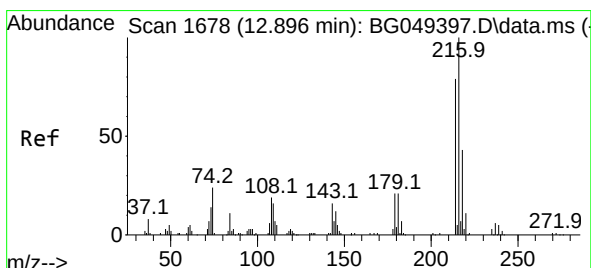
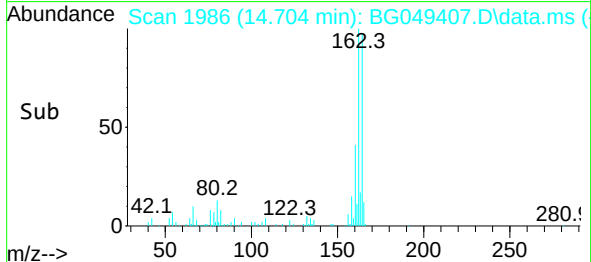
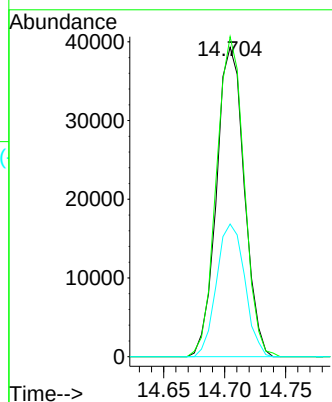
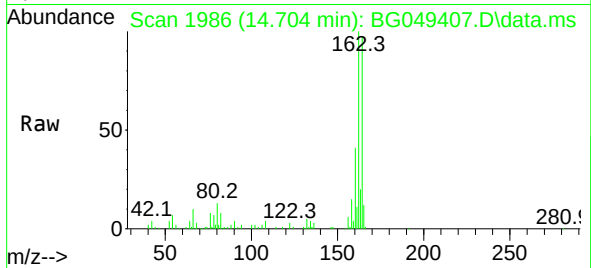




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1986
Delta R.T. -0.002 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

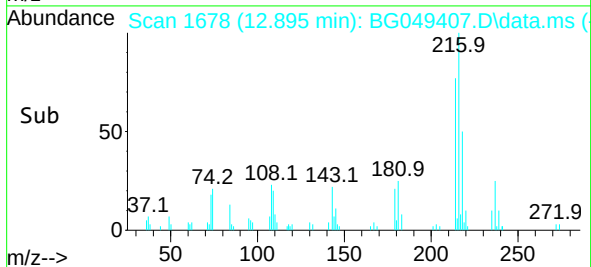
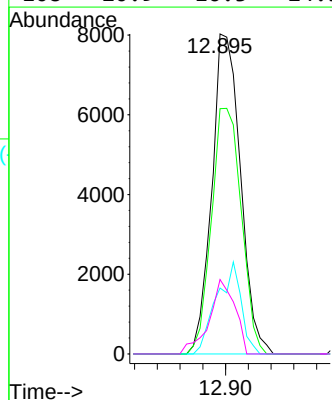
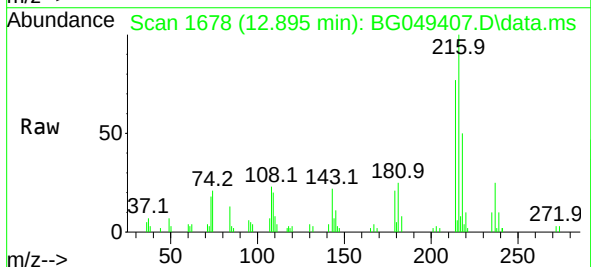
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BNA_G
ClientSampleId :
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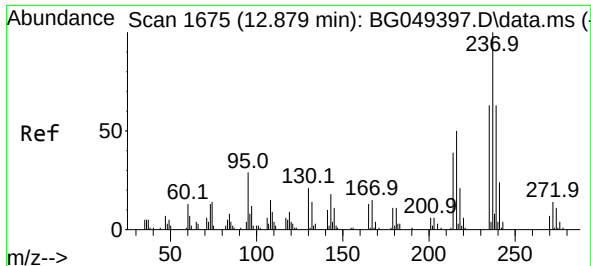
Tgt Ion:164 Resp: 62317
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 42.9 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.614 ng
RT: 12.895 min Scan# 1678
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:216 Resp: 14032
Ion Ratio Lower Upper
216 100
214 80.1 61.4 92.2
179 24.6 17.3 25.9
108 20.9 16.3 24.5

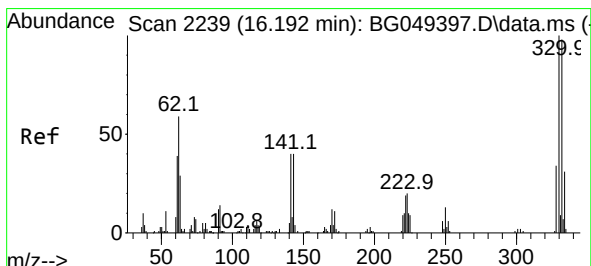
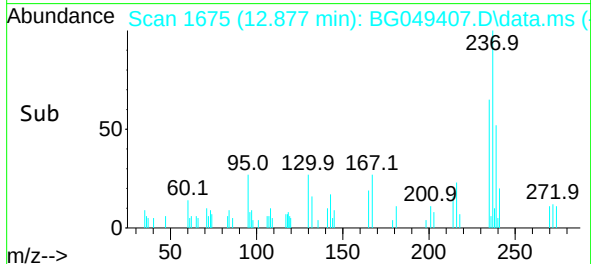
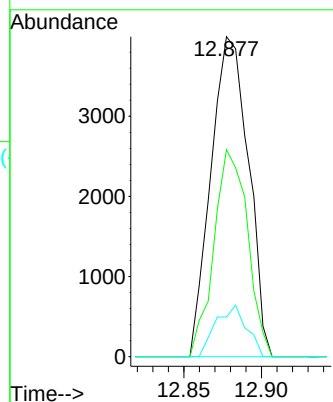
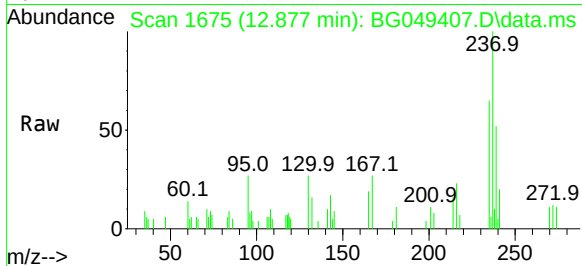




#41
Hexachlorocyclopentadiene
Concen: 8.139 ng
RT: 12.877 min Scan# 1675
Delta R.T. -0.002 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

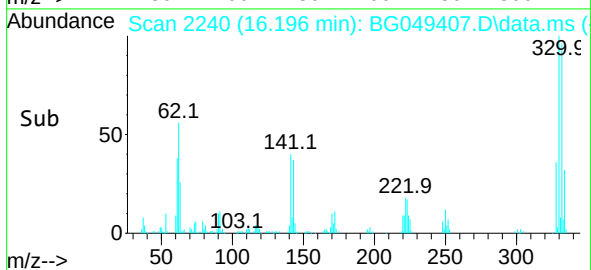
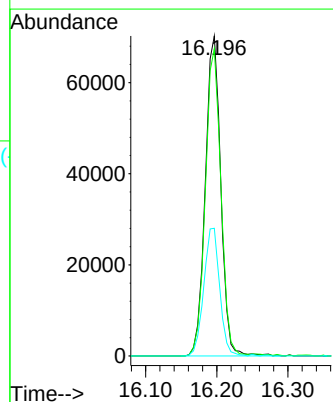
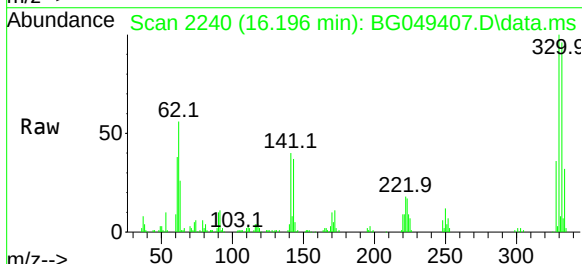
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BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

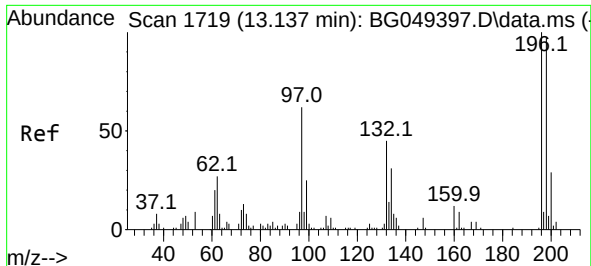
Tgt Ion:237	Resp:	6695
Ion Ratio	Lower	Upper
237	100	
235	64.7	36.6 76.6
272	12.4	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 127.909 ng
RT: 16.196 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:330	Resp:	106745
Ion Ratio	Lower	Upper
330	100	
332	96.2	77.3 115.9
141	41.0	35.6 53.4

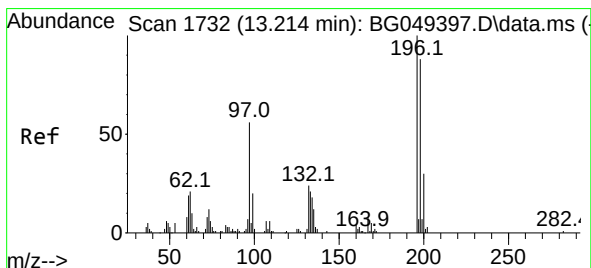
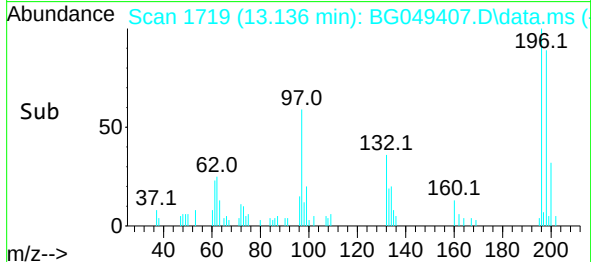
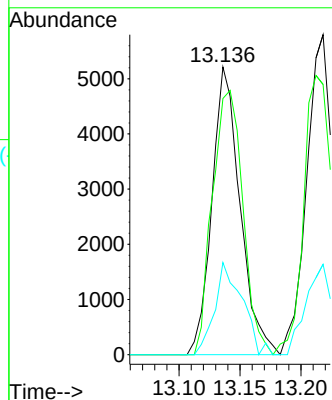
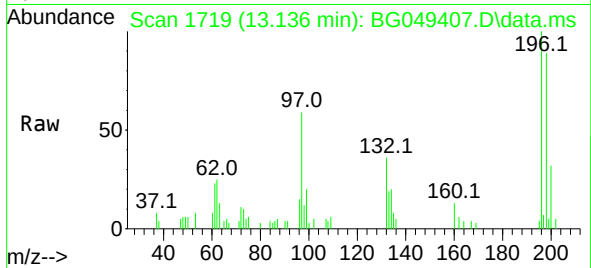




#43
2,4,6-Trichlorophenol
Concen: 6.946 ng
RT: 13.136 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

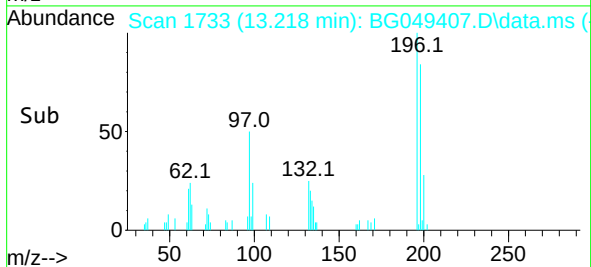
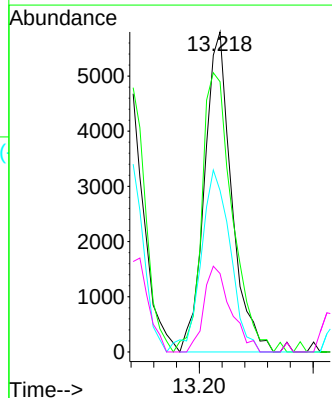
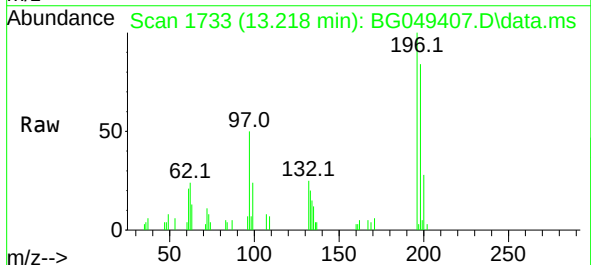
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

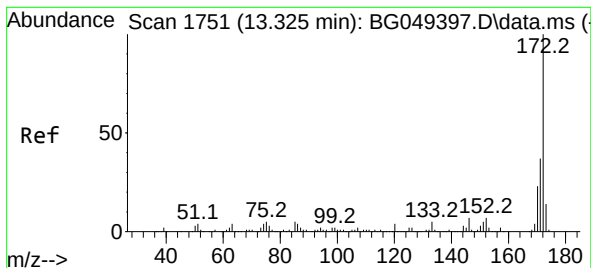
Tgt Ion:196 Resp: 8349
Ion Ratio Lower Upper
196 100
198 89.0 82.1 123.1
200 32.1 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 7.371 ng
RT: 13.218 min Scan# 1733
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:196 Resp: 9584
Ion Ratio Lower Upper
196 100
198 84.4 87.4 131.0#
97 50.4 43.3 64.9
132 24.5 21.4 32.2

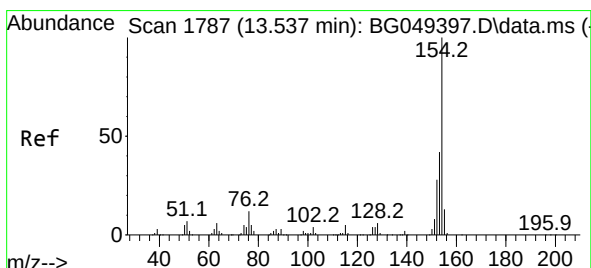
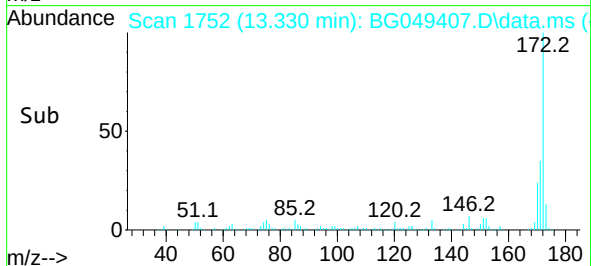
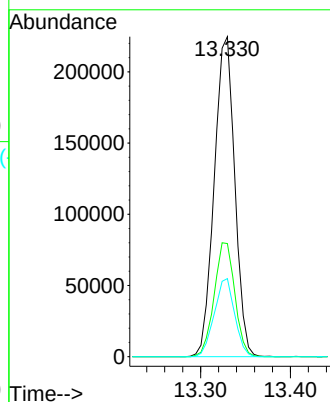
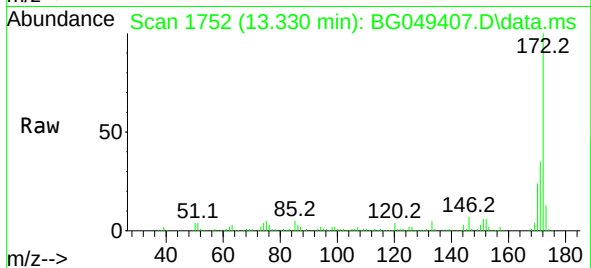




#45
2-Fluorobiphenyl
Concen: 82.211 ng
RT: 13.330 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

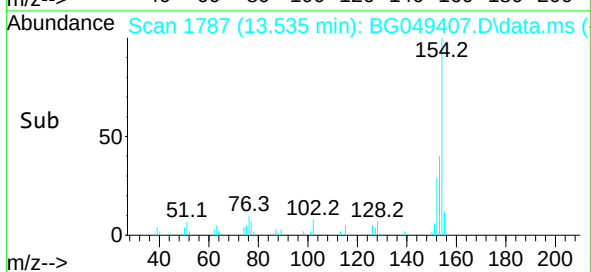
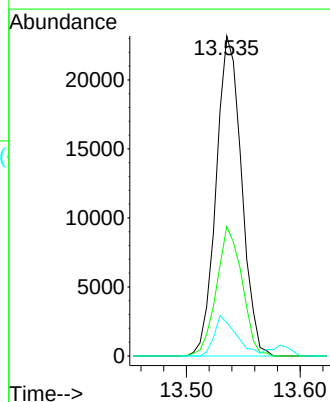
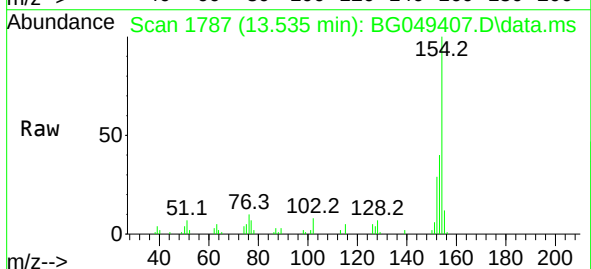
Instrument :
BNA_G
ClientSampleId :
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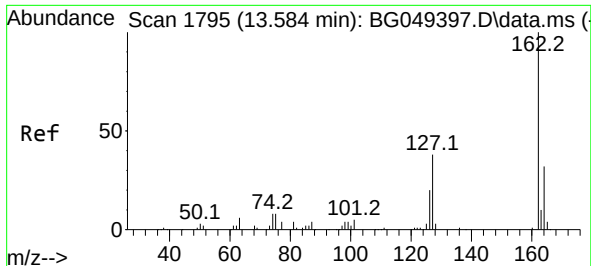
Tgt Ion:172 Resp: 356040
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 7.864 ng
RT: 13.535 min Scan# 1787
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:154 Resp: 35928
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 10.4 0.0 29.3

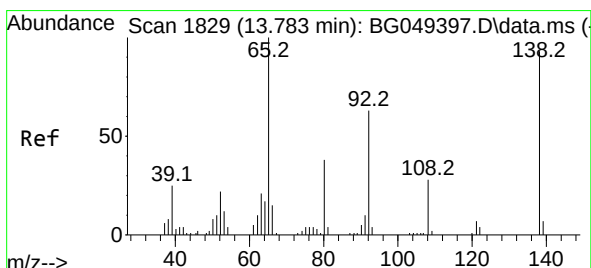
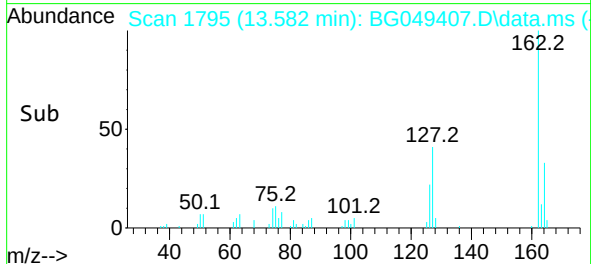
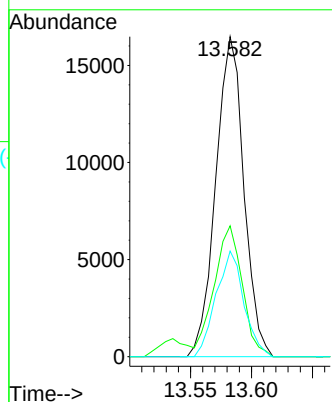
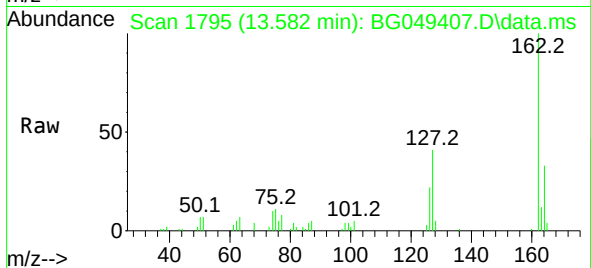




#47
2-Chloronaphthalene
Concen: 7.527 ng
RT: 13.582 min Scan# 1795
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

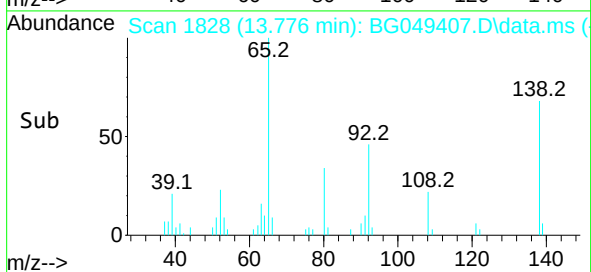
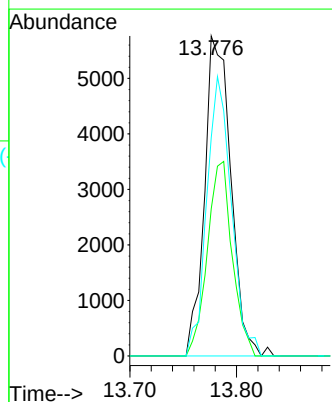
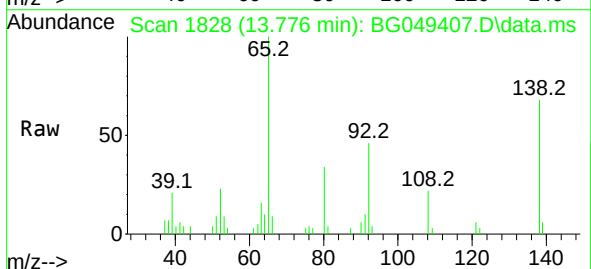
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

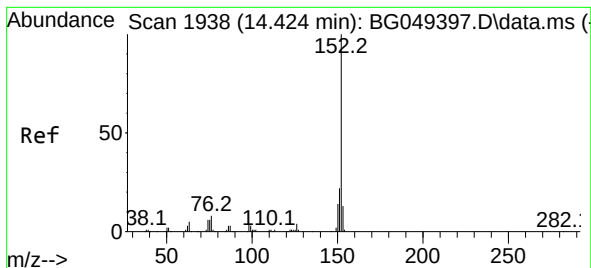
Tgt Ion:	162	Resp:	26412
Ion Ratio	Lower	Upper	
162	100		
127	40.9	32.7	49.1
164	33.0	27.0	40.4



#48
2-Nitroaniline
Concen: 8.099 ng
RT: 13.776 min Scan# 1828
Delta R.T. -0.007 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:	65	Resp:	9890
Ion Ratio	Lower	Upper	
65	100		
92	46.0	47.2	70.8#
138	68.2	68.0	102.0





#49

Acenaphthylene

Concen: 7.637 ng

RT: 14.428 min Scan# 1939

Delta R.T. 0.005 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

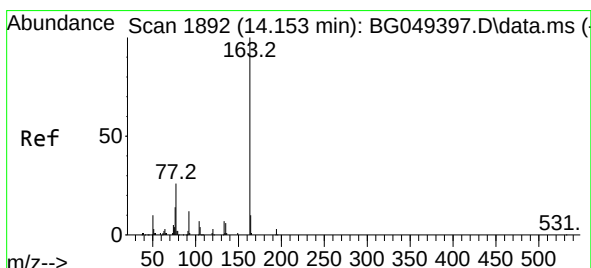
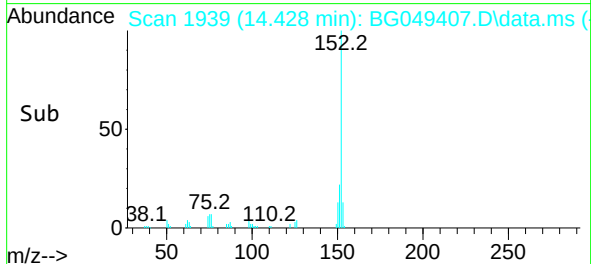
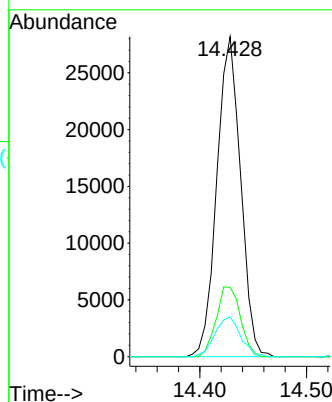
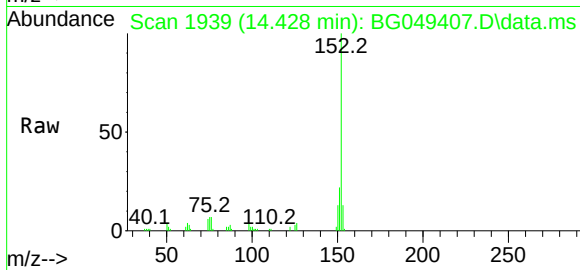
Tgt Ion:152 Resp: 43448

Ion Ratio Lower Upper

152 100

151 21.7 18.2 27.4

153 12.5 11.7 17.5



#50

Dimethylphthalate

Concen: 7.807 ng

RT: 14.152 min Scan# 1892

Delta R.T. -0.001 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

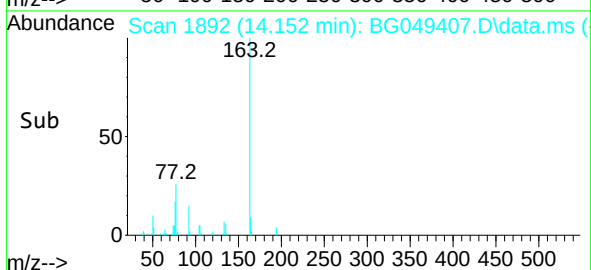
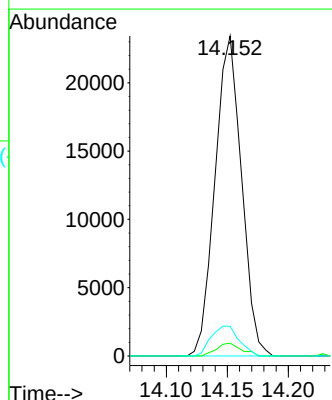
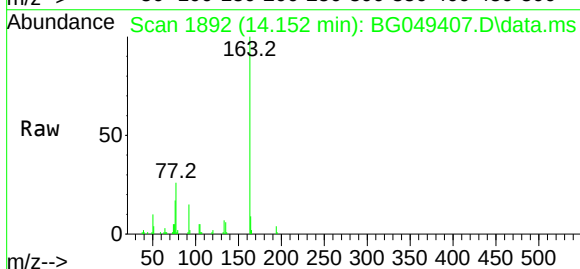
Tgt Ion:163 Resp: 35345

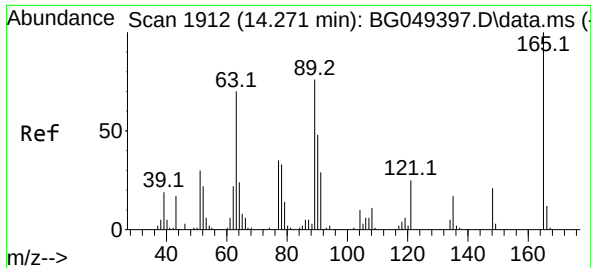
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.3 8.6 12.8

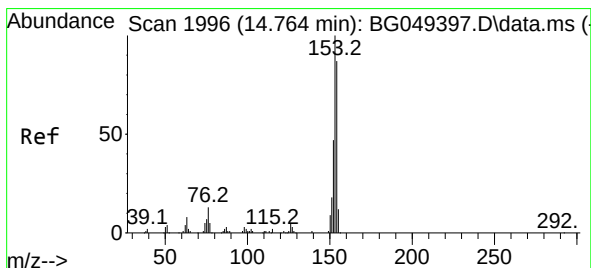
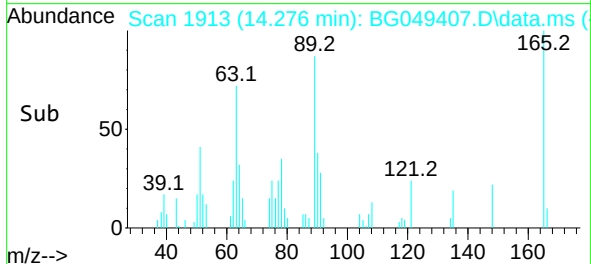
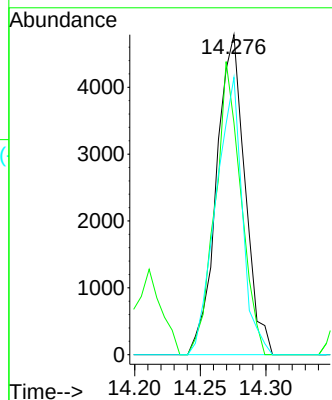
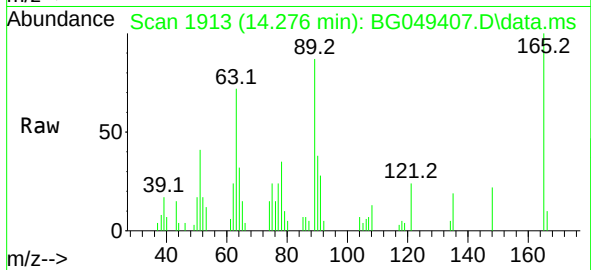




#51
2,6-Dinitrotoluene
Concen: 7.330 ng
RT: 14.276 min Scan# 1913
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

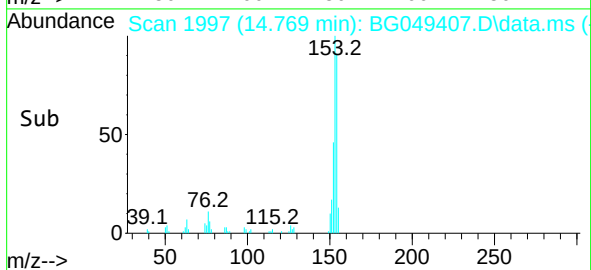
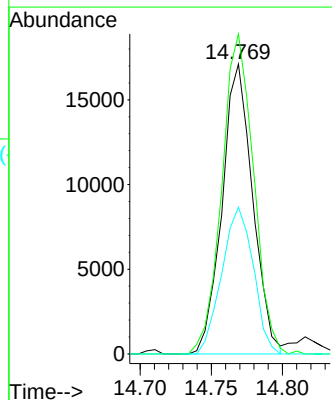
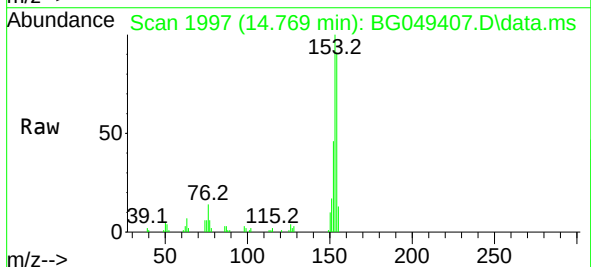
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

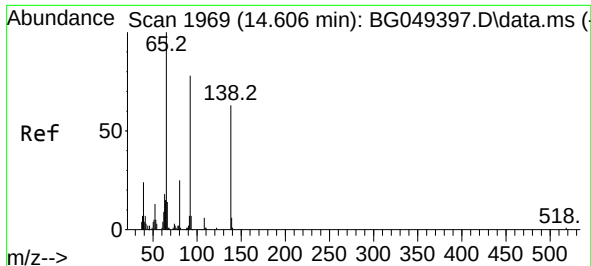
Tgt Ion:165 Resp: 7205
Ion Ratio Lower Upper
165 100
63 72.4 63.3 94.9
89 86.6 63.4 95.0



#52
Acenaphthene
Concen: 7.450 ng
RT: 14.769 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:154 Resp: 25582
Ion Ratio Lower Upper
154 100
153 110.4 87.0 130.4
152 50.6 40.1 60.1

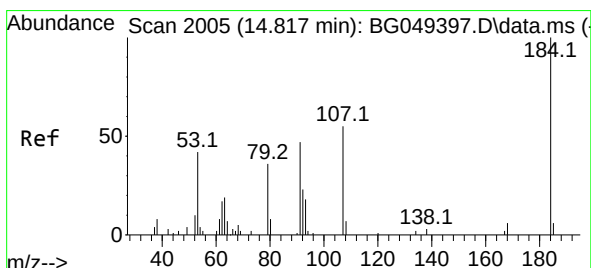
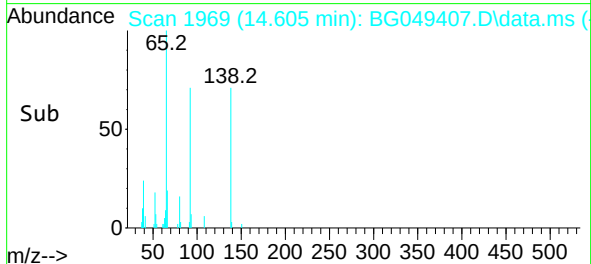
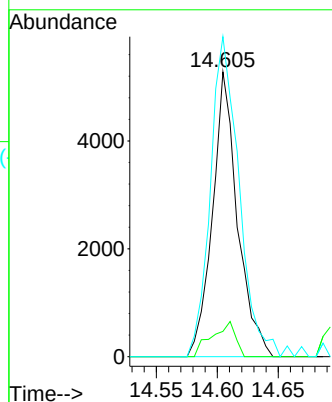
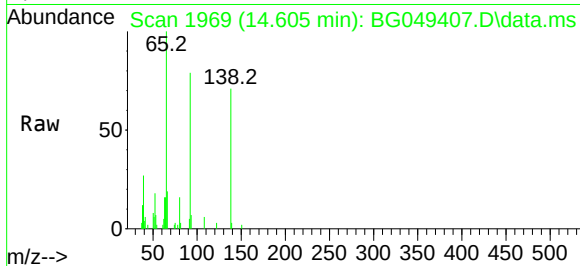




#53
3-Nitroaniline
Concen: 7.642 ng
RT: 14.605 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

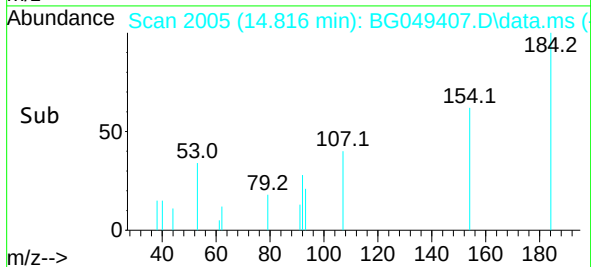
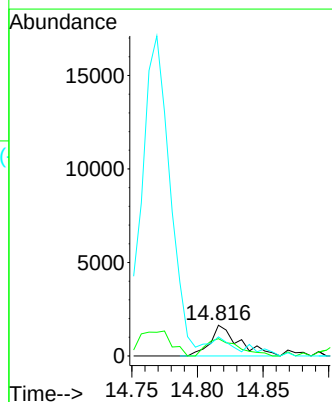
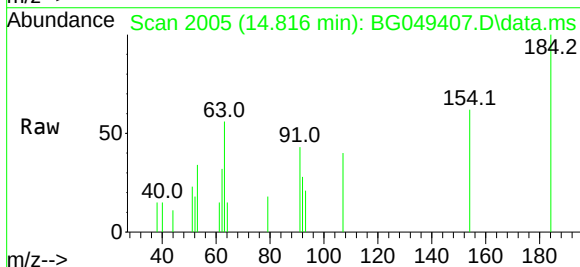
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

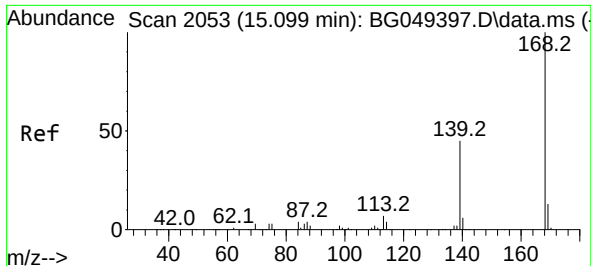
Tgt Ion:138 Resp: 7532
Ion Ratio Lower Upper
138 100
108 8.9 8.3 12.5
92 112.4 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 6.031 ng
RT: 14.816 min Scan# 2005
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:184 Resp: 2495
Ion Ratio Lower Upper
184 100
63 56.1 68.3 102.5#
154 61.8 62.6 93.8#

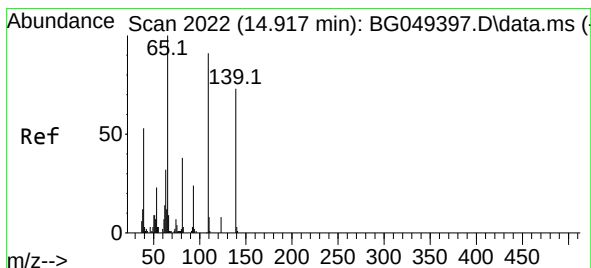
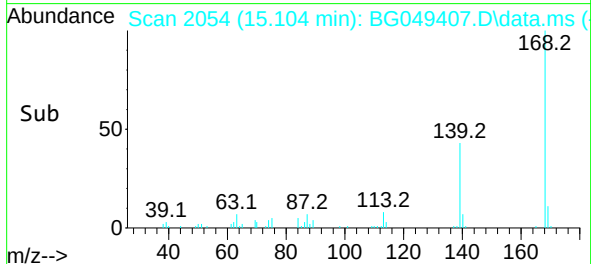
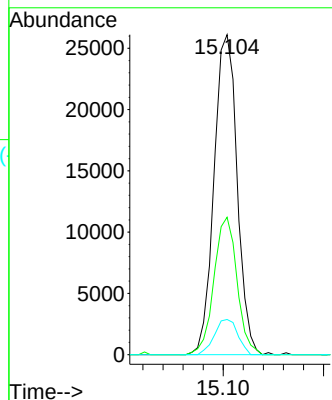
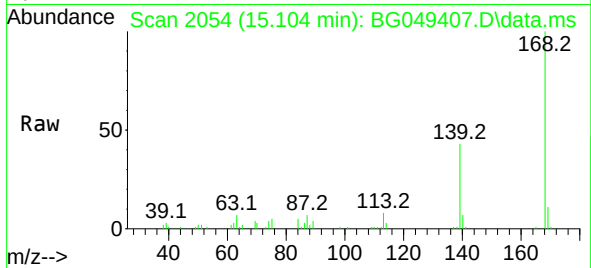




#55
Dibenzofuran
Concen: 7.573 ng
RT: 15.104 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

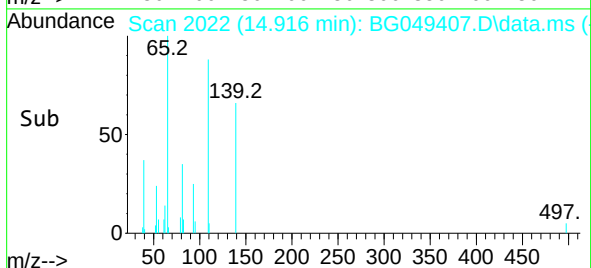
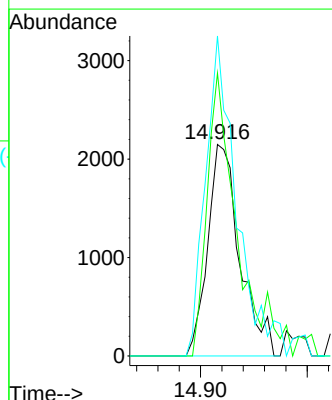
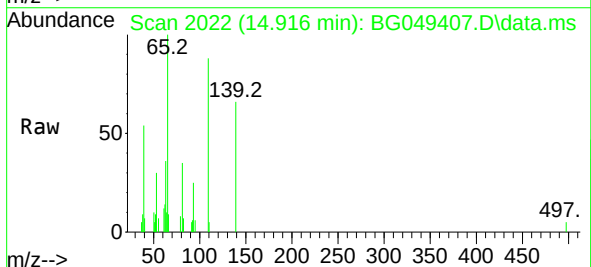
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

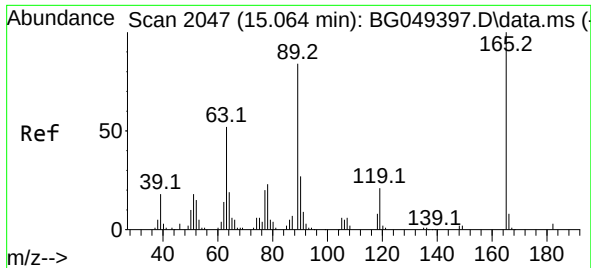
Tgt Ion:168 Resp: 41731
Ion Ratio Lower Upper
168 100
139 43.0 33.4 50.2
169 11.0 12.3 18.5#



#56
4-Nitrophenol
Concen: 5.757 ng
RT: 14.916 min Scan# 2022
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:139 Resp: 4476
Ion Ratio Lower Upper
139 100
109 133.7 116.3 156.3
65 151.3 105.0 145.0#

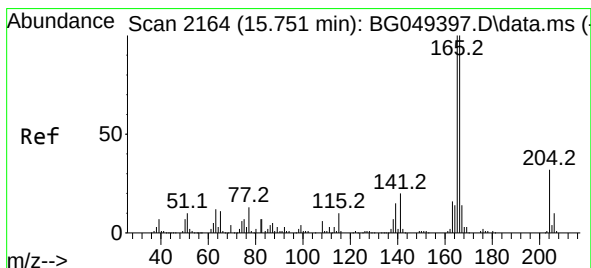
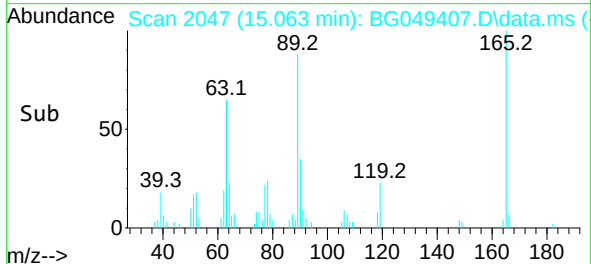
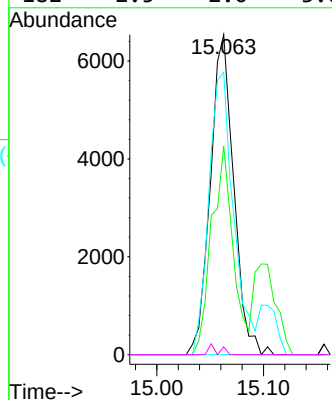
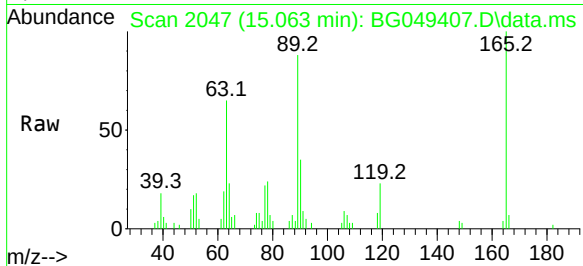




#57
2,4-Dinitrotoluene
Concen: 7.336 ng
RT: 15.063 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

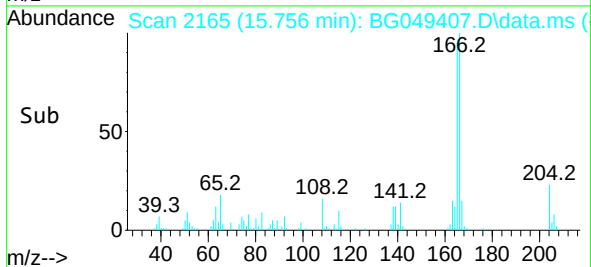
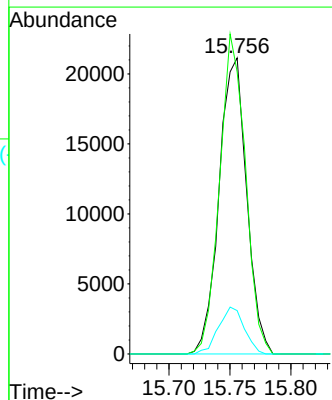
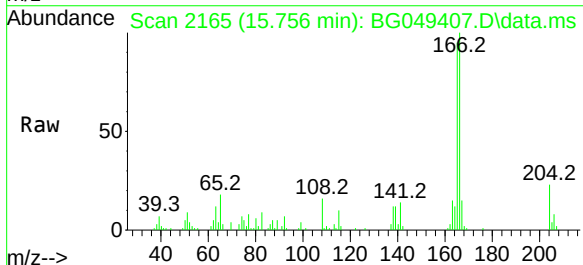
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

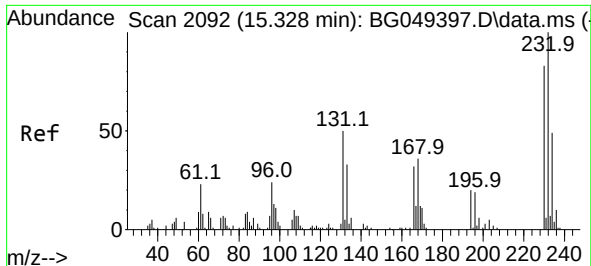
Tgt Ion:	165	Resp:	9966
Ion	Ratio	Lower	Upper
165	100		
63	65.2	48.0	72.0
89	88.3	65.4	98.0
182	2.5	2.0	3.0



#58
Fluorene
Concen: 7.451 ng
RT: 15.756 min Scan# 2165
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:	166	Resp:	33268
Ion	Ratio	Lower	Upper
166	100		
165	95.3	77.7	116.5
167	14.7	10.8	16.2

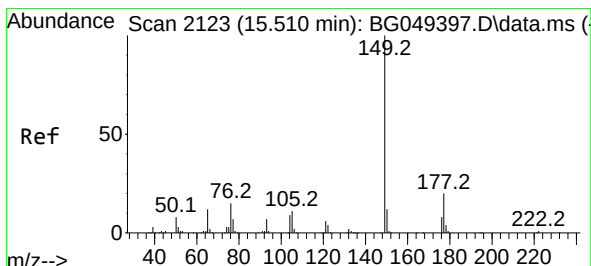
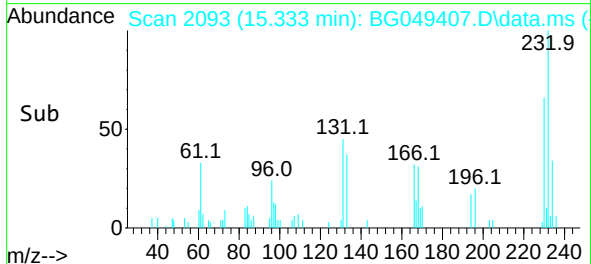
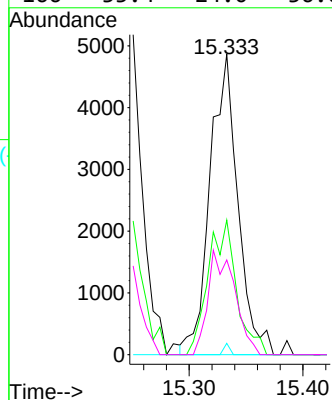
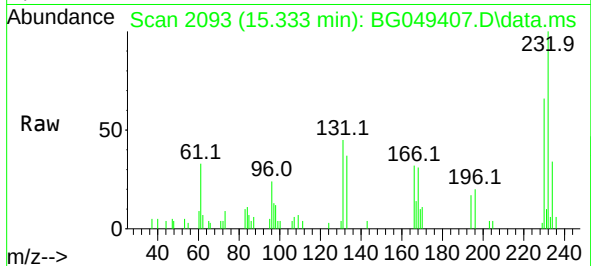




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.974 ng
RT: 15.333 min Scan# 2093
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

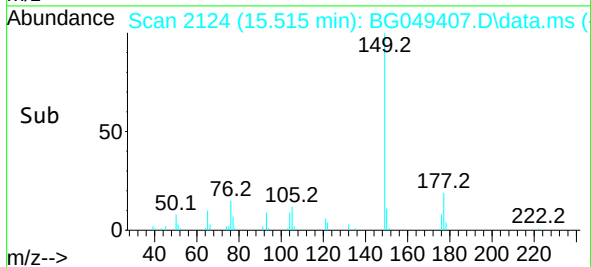
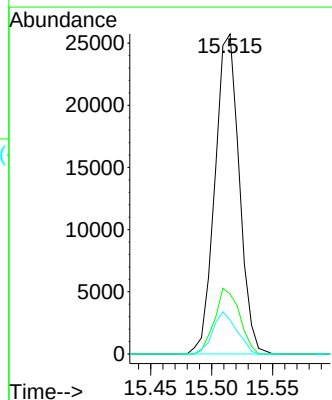
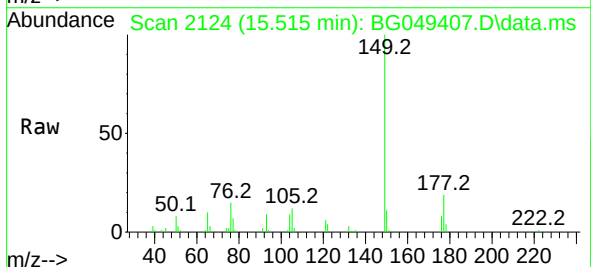
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

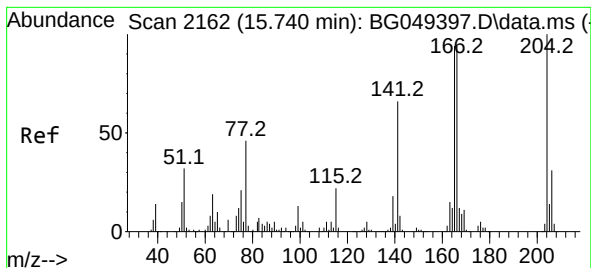
Tgt Ion:232 Resp: 8289
Ion Ratio Lower Upper
232 100
131 45.6 37.2 55.8
130 0.8 2.8 4.2#
166 33.4 24.0 36.0



#60
Diethylphthalate
Concen: 7.835 ng
RT: 15.515 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:149 Resp: 35631
Ion Ratio Lower Upper
149 100
177 18.7 19.0 28.6#
150 10.6 10.2 15.4

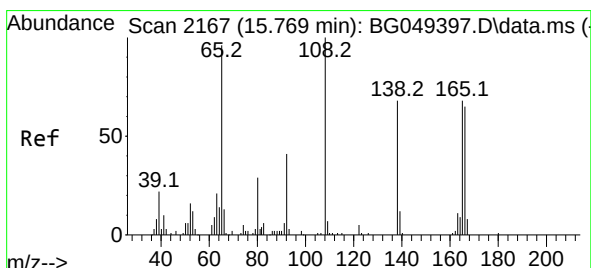
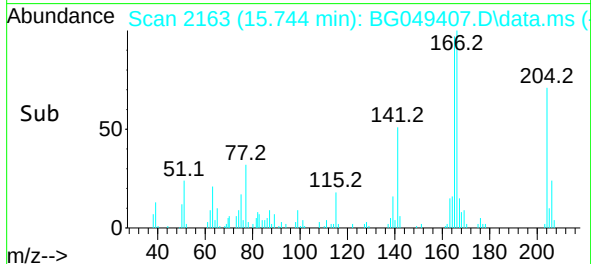
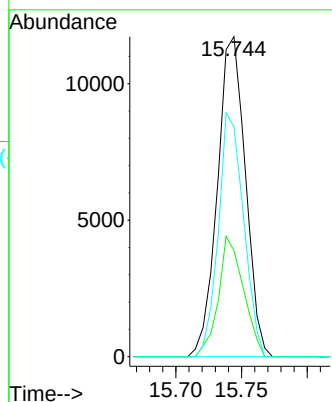
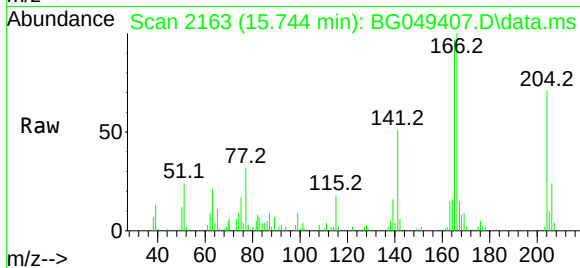




#61
4-Chlorophenyl-phenylether
Concen: 7.654 ng
RT: 15.744 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

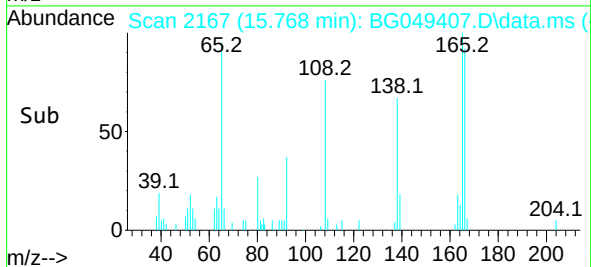
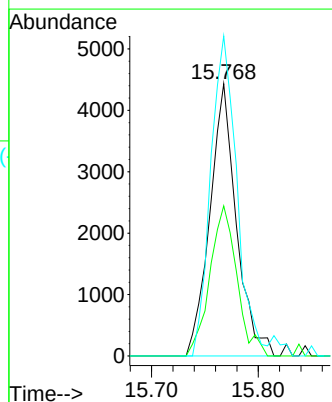
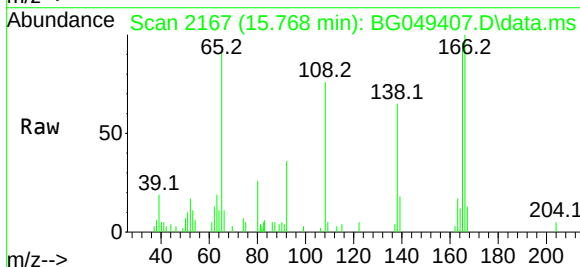
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

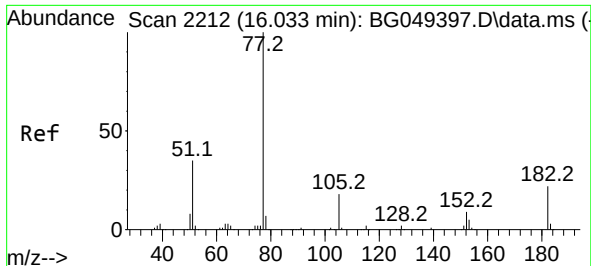
Tgt Ion:204 Resp: 17383
Ion Ratio Lower Upper
204 100
206 33.1 24.6 37.0
141 71.9 47.8 71.8#



#62
4-Nitroaniline
Concen: 7.389 ng
RT: 15.768 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:138 Resp: 7665
Ion Ratio Lower Upper
138 100
92 55.1 32.3 72.3
108 117.6 132.4 172.4#

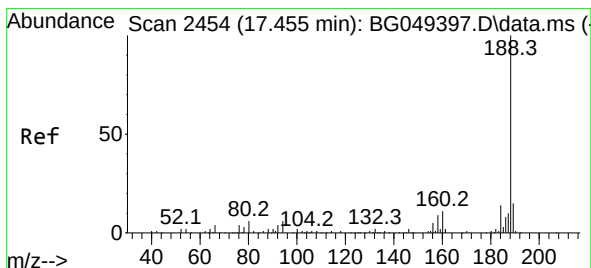
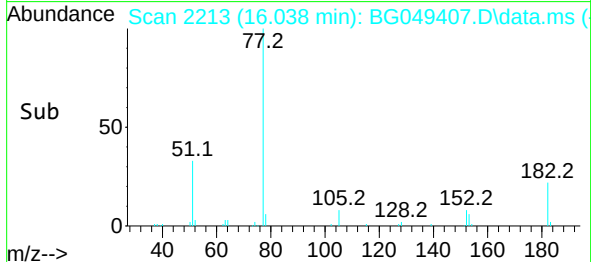
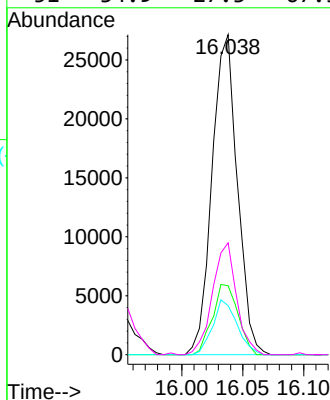
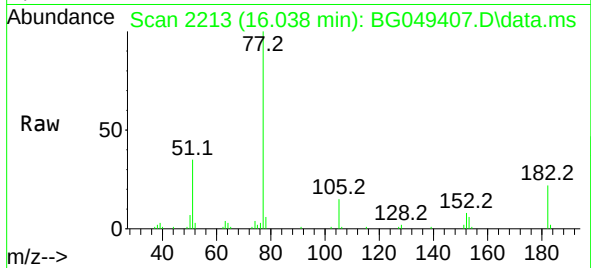




#63
Azobenzene
Concen: 7.787 ng
RT: 16.038 min Scan# 2213
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

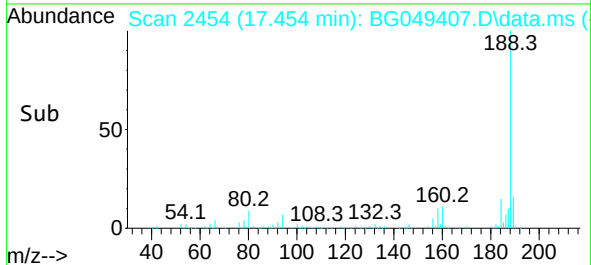
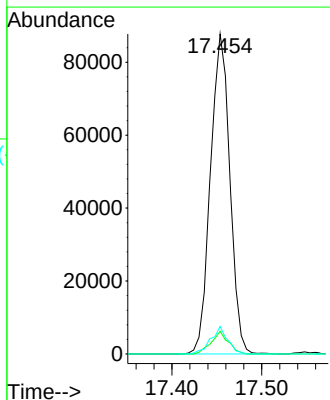
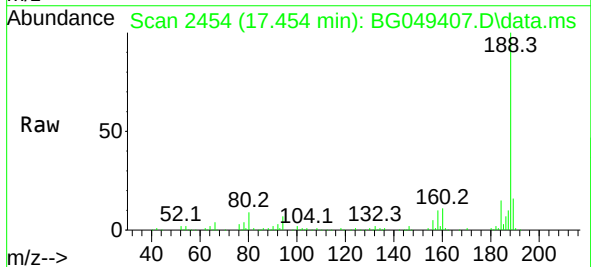
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

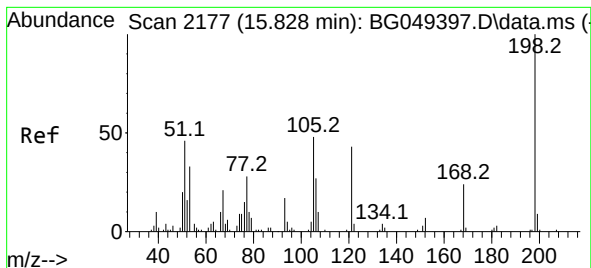
Tgt Ion: 77	Resp: 39215
Ion Ratio	Lower Upper
77 100	
182 21.5	7.9 47.9
105 15.3	0.0 37.9
51 34.9	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion: 188	Resp: 131583
Ion Ratio	Lower Upper
188 100	
94 7.1	5.4 8.0
80 8.6	3.7 5.5#

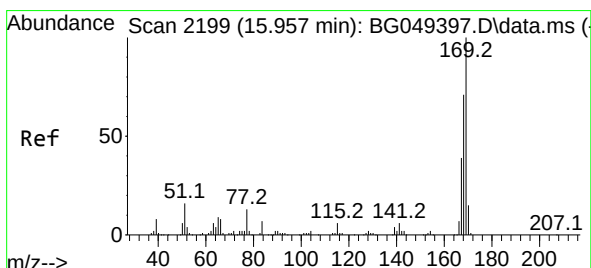
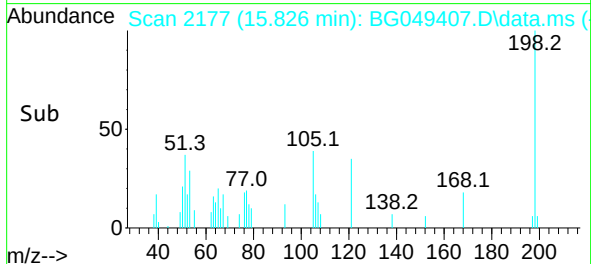
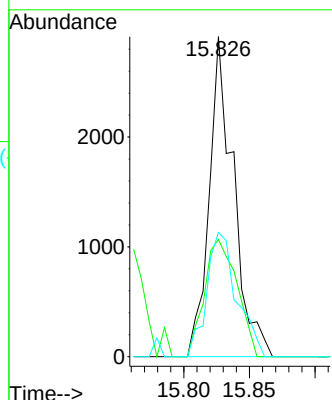
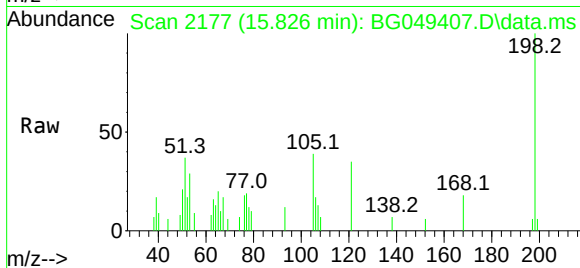




#65
4,6-Dinitro-2-methylphenol
Concen: 5.271 ng
RT: 15.826 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

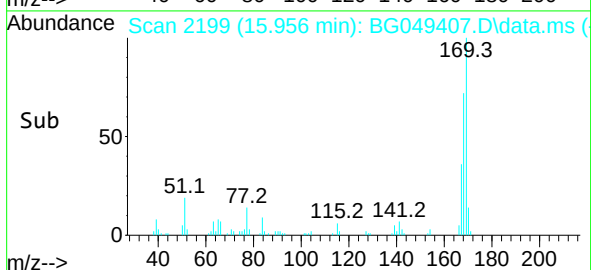
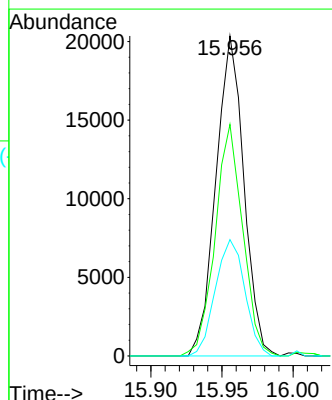
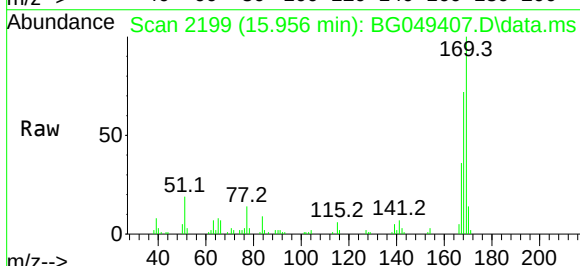
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

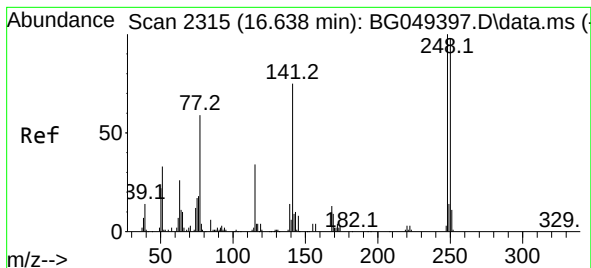
Tgt Ion:198	Resp:	3757
Ion Ratio	Lower	Upper
198	100	
51	36.7	29.4 69.4
105	38.9	15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 7.362 ng
RT: 15.956 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:169	Resp:	27826
Ion Ratio	Lower	Upper
169	100	
168	72.3	56.3 84.5
167	36.3	28.4 42.6

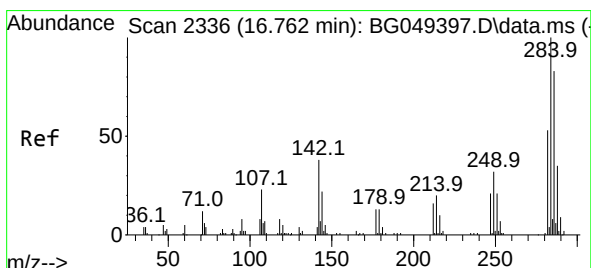
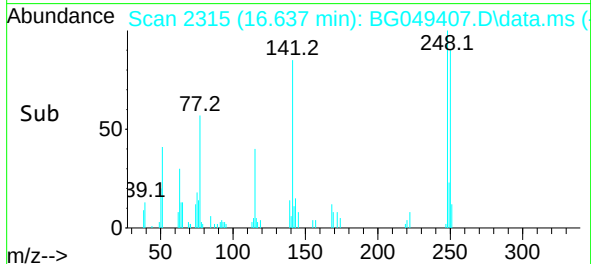
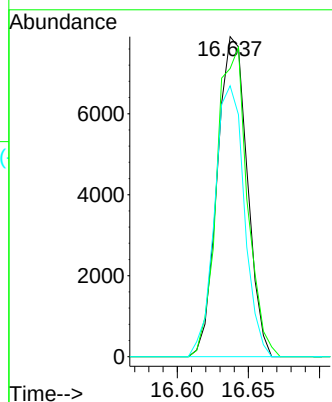
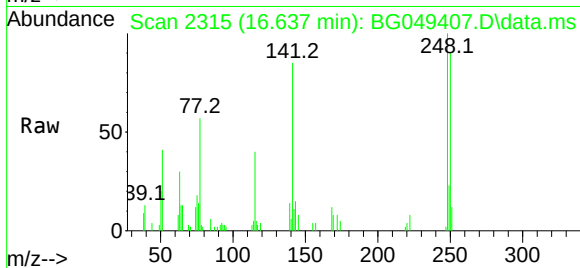




#67
4-Bromophenyl-phenylether
Concen: 7.766 ng
RT: 16.637 min Scan# 2315
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

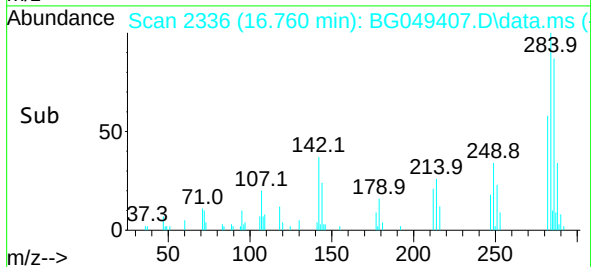
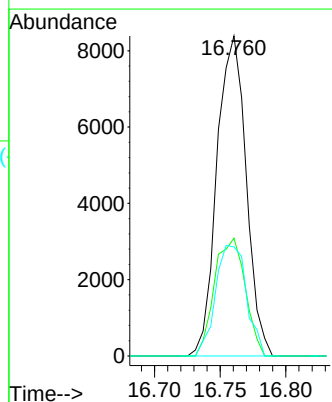
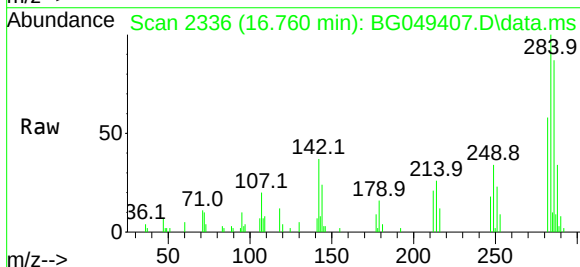
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

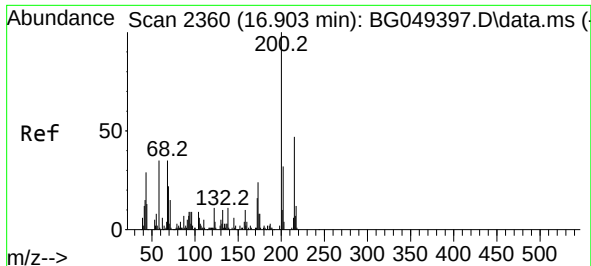
Tgt Ion:	248	Resp:	11575
Ion Ratio	Lower	Upper	
248	100		
250	90.1	76.1	114.1
141	84.6	65.4	98.2



#68
Hexachlorobenzene
Concen: 7.683 ng
RT: 16.760 min Scan# 2336
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:	284	Resp:	12967
Ion Ratio	Lower	Upper	
284	100		
142	36.8	27.0	40.6
249	34.1	28.2	42.2

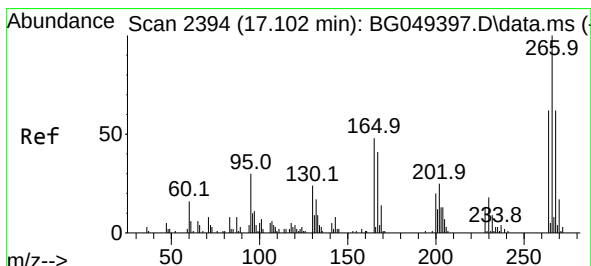
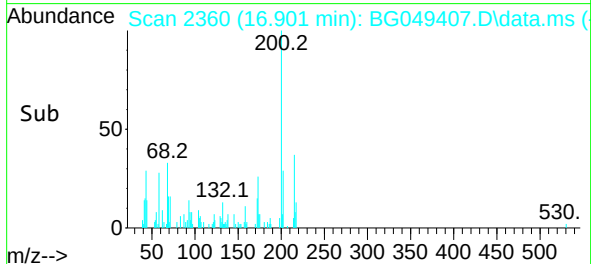
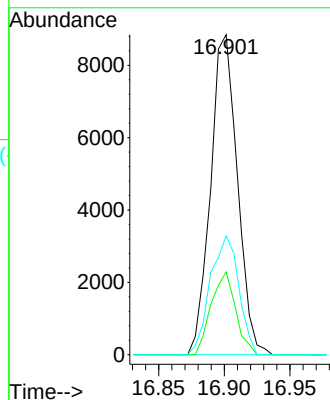
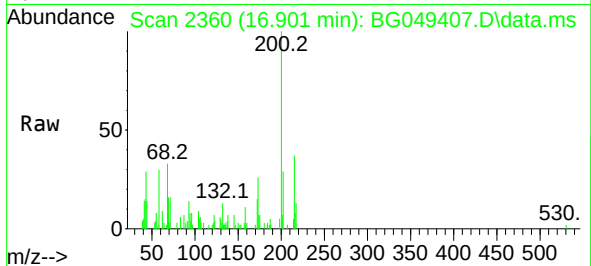




#69
Atrazine
Concen: 8.399 ng
RT: 16.901 min Scan# 2360
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

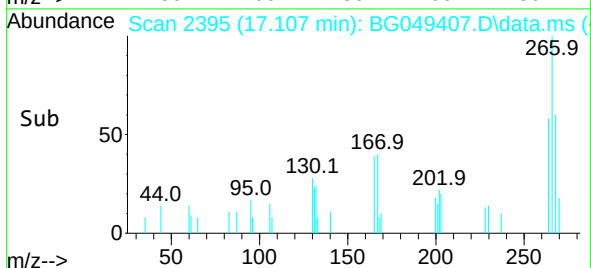
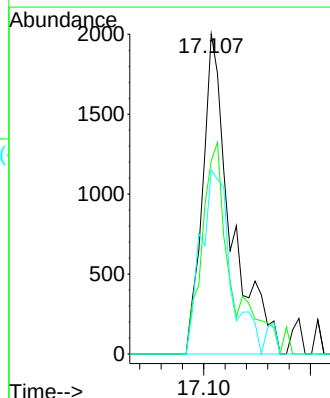
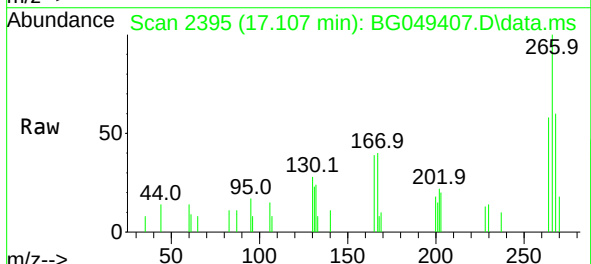
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

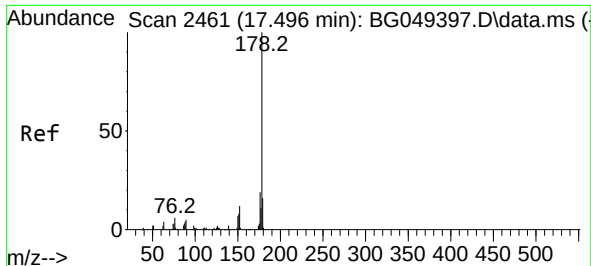
Tgt Ion:200 Resp: 12578
Ion Ratio Lower Upper
200 100
173 25.9 3.7 43.7
215 37.1 26.9 66.9



#70
Pentachlorophenol
Concen: 4.900 ng
RT: 17.107 min Scan# 2395
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:266 Resp: 3717
Ion Ratio Lower Upper
266 100
268 60.4 49.0 73.4
264 57.5 49.0 73.6

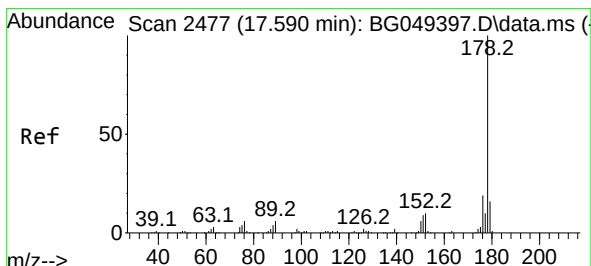
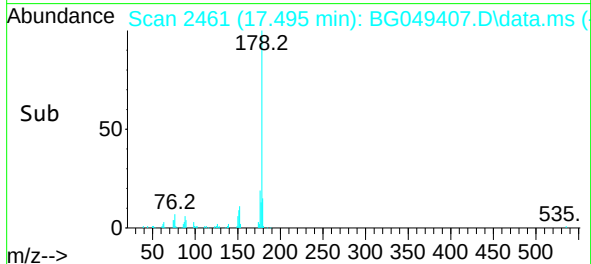
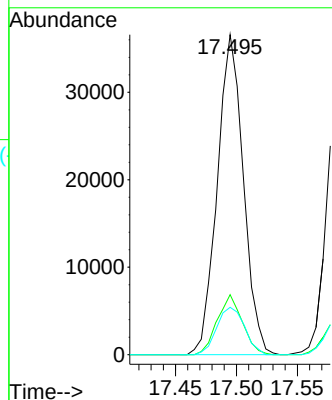
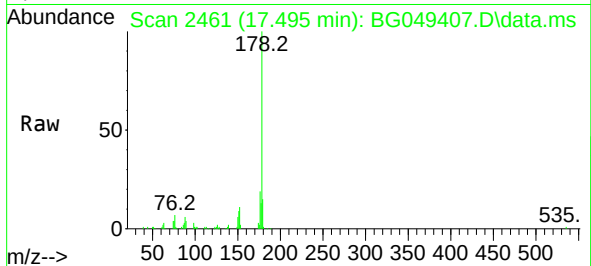




#71
Phenanthrene
Concen: 7.707 ng
RT: 17.495 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

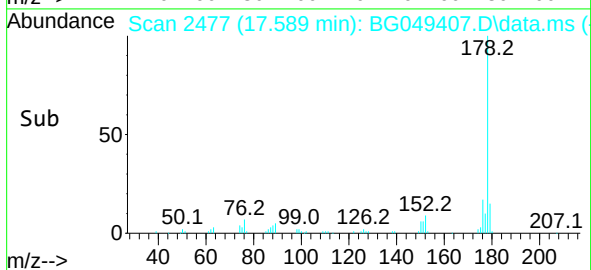
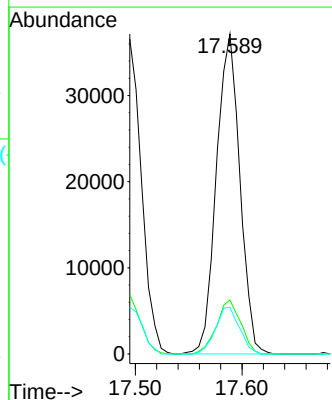
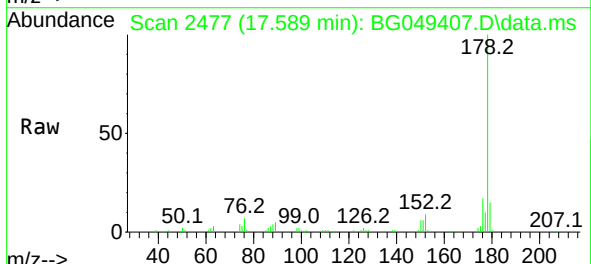
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

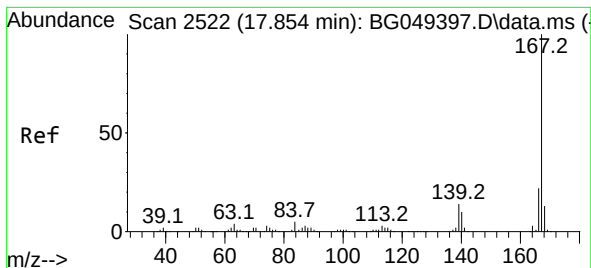
Tgt Ion:178 Resp: 54515
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 14.8 14.2 21.4



#72
Anthracene
Concen: 8.158 ng
RT: 17.589 min Scan# 2477
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:178 Resp: 56715
Ion Ratio Lower Upper
178 100
176 16.8 14.6 21.8
179 14.5 13.4 20.0

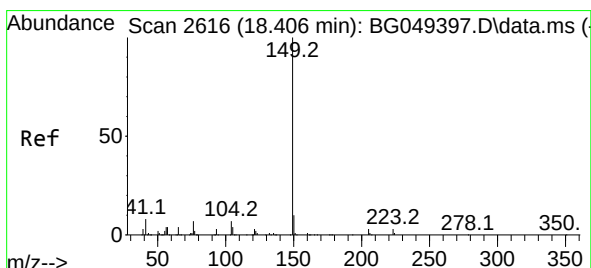
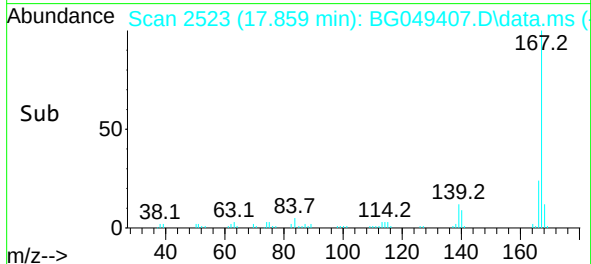
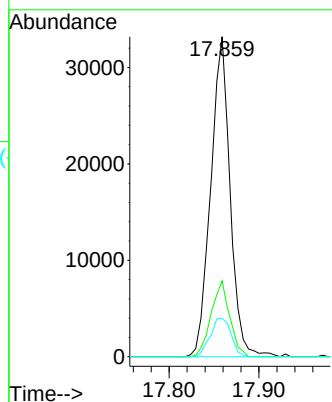
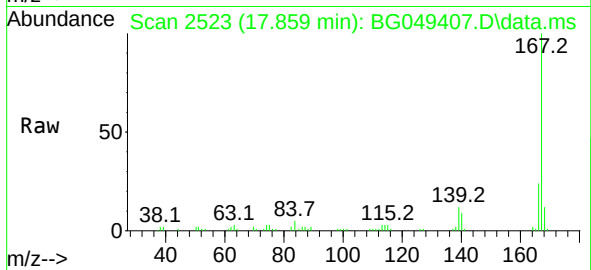




#73
Carbazole
Concen: 7.524 ng
RT: 17.859 min Scan# 2523
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

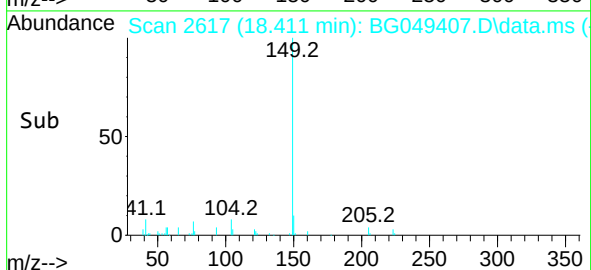
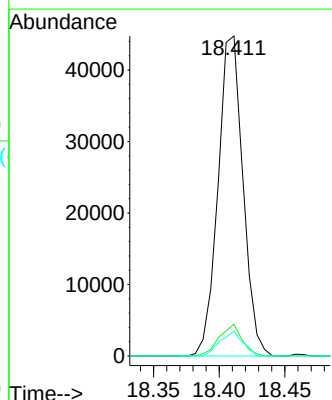
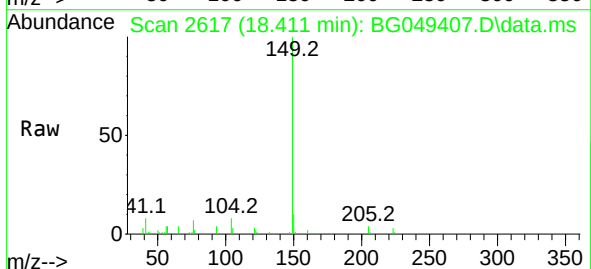
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

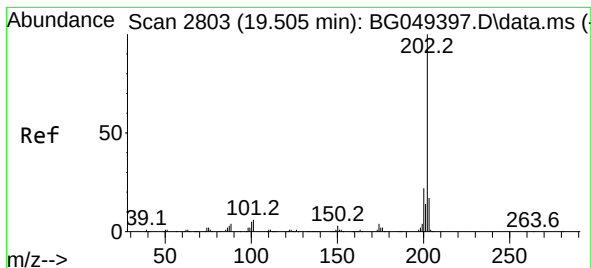
Tgt Ion:167 Resp: 49753
Ion Ratio Lower Upper
167 100
166 23.7 17.4 26.2
139 12.0 10.7 16.1



#74
Di-n-butylphthalate
Concen: 7.840 ng
RT: 18.411 min Scan# 2617
Delta R.T. 0.005 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:149 Resp: 59116
Ion Ratio Lower Upper
149 100
150 9.9 7.5 11.3
104 7.7 6.6 10.0

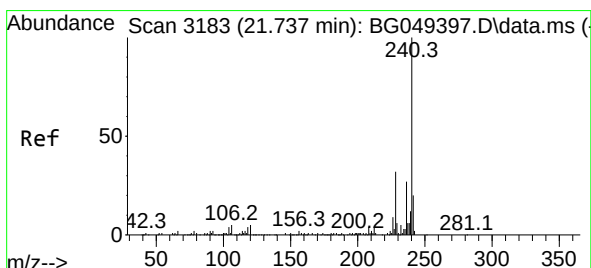
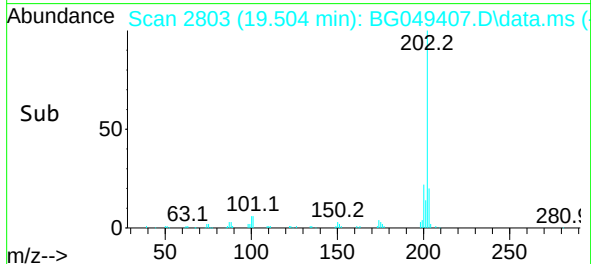
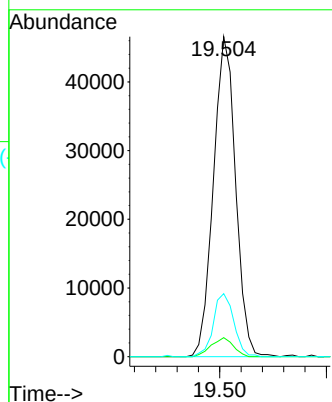
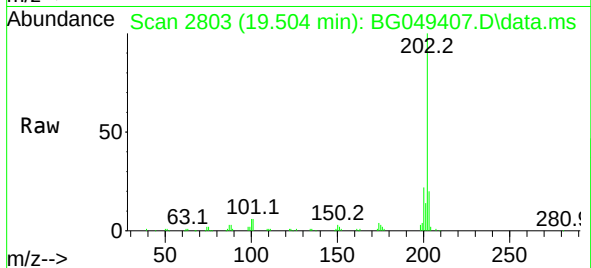




#75
Fluoranthene
Concen: 7.624 ng
RT: 19.504 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

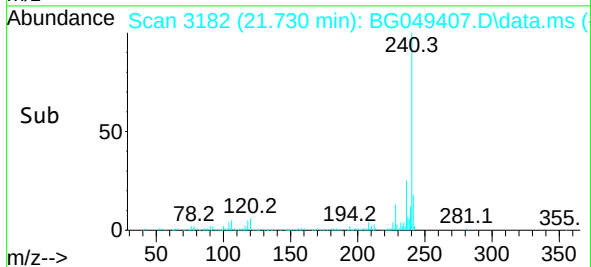
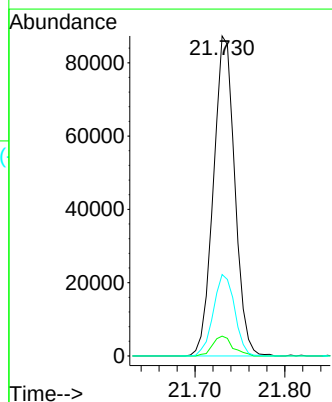
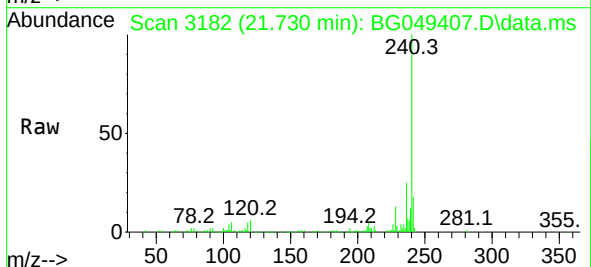
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

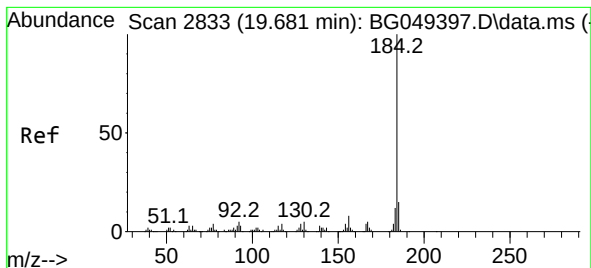
Tgt Ion:202	Resp:	67145
Ion Ratio	Lower	Upper
202	100	
101	6.0	0.0 24.7
203	19.7	0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:240	Resp:	144213
Ion Ratio	Lower	Upper
240	100	
120	6.2	4.2 6.2
236	25.5	21.8 32.6





#77

Benzidine

Concen: 8.972 ng

RT: 19.686 min Scan# 2834

Delta R.T. 0.005 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

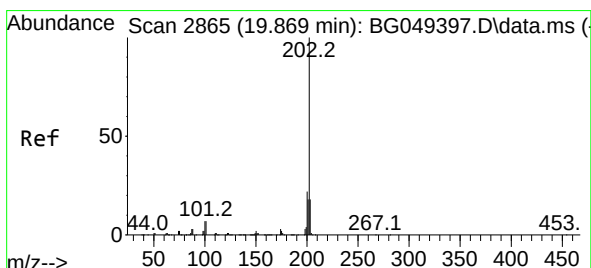
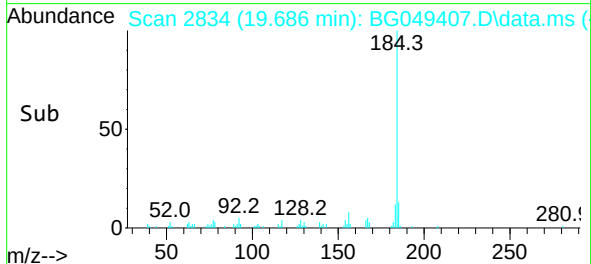
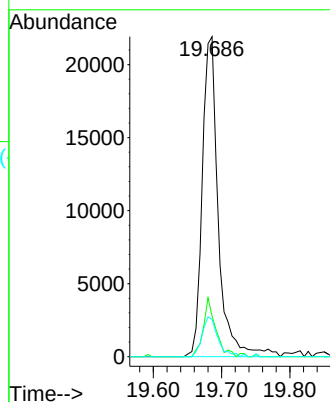
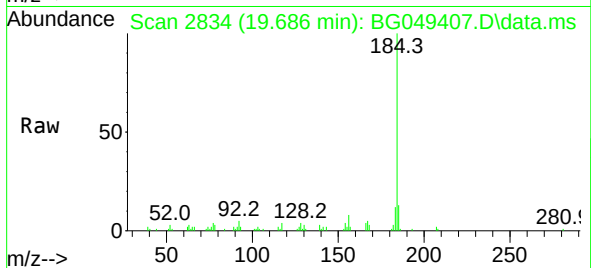
Tgt Ion:184 Resp: 35809

Ion Ratio Lower Upper

184 100

185 12.7 10.7 16.1

183 11.7 9.4 14.0



#78

Pyrene

Concen: 7.461 ng

RT: 19.868 min Scan# 2865

Delta R.T. -0.001 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

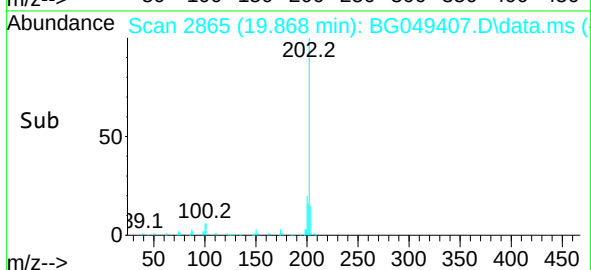
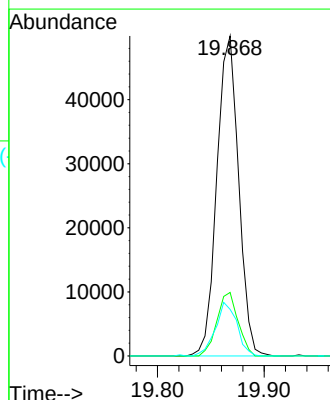
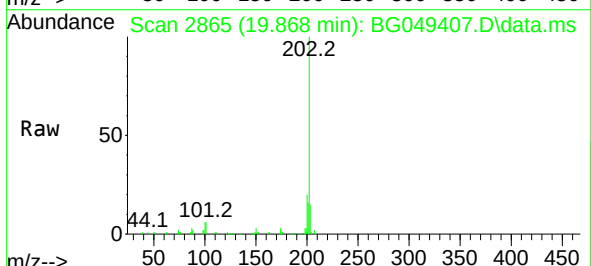
Tgt Ion:202 Resp: 70625

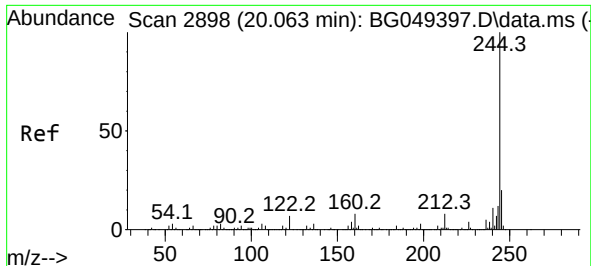
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

203 14.6 14.6 21.8

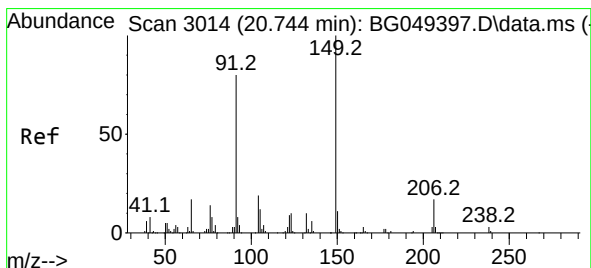
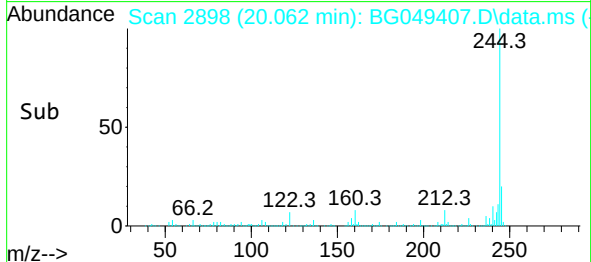
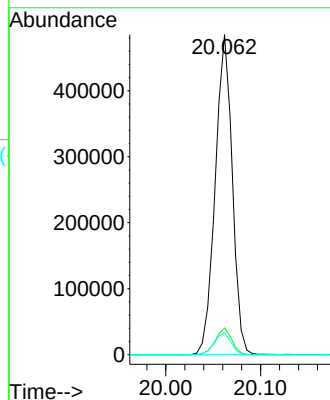
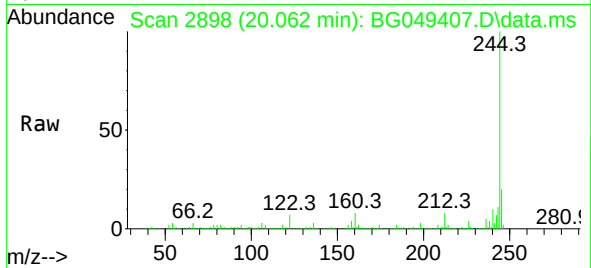




#79
 Terphenyl-d14
 Concen: 81.990 ng
 RT: 20.062 min Scan# 2898
 Delta R.T. -0.001 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

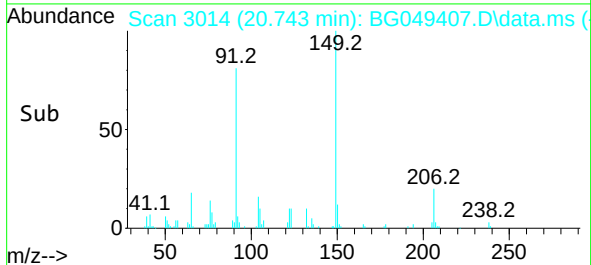
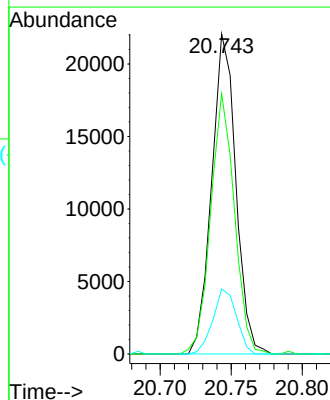
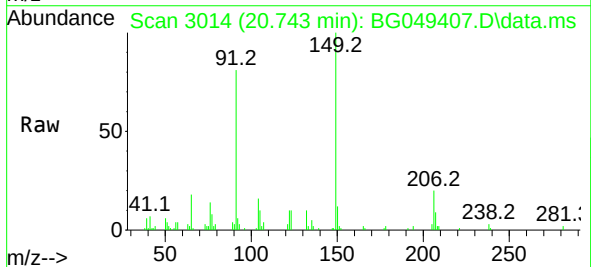
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

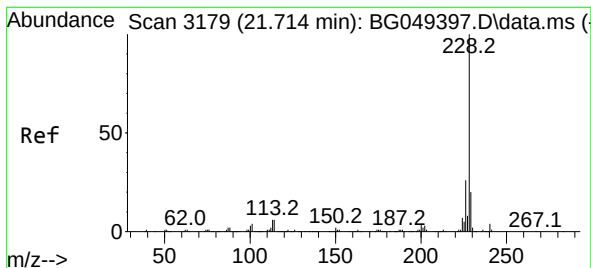
Tgt Ion:244 Resp: 605440
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 6.8 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 7.560 ng
 RT: 20.743 min Scan# 3014
 Delta R.T. -0.001 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

Tgt Ion:149 Resp: 26019
 Ion Ratio Lower Upper
 149 100
 91 81.3 63.4 95.2
 206 20.3 18.4 27.6

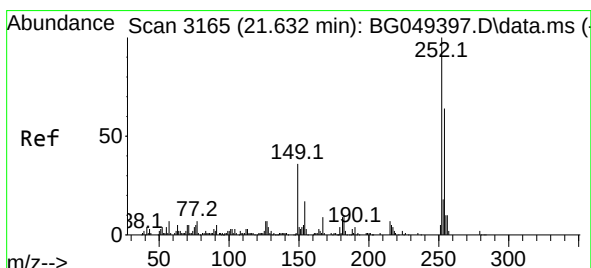
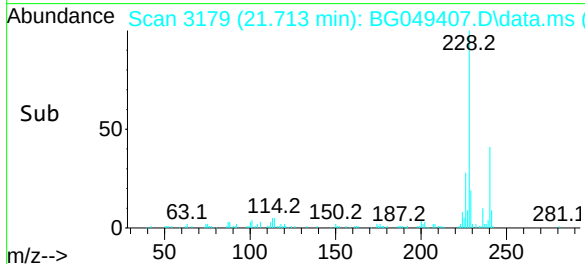
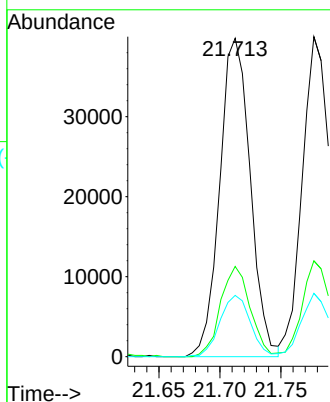
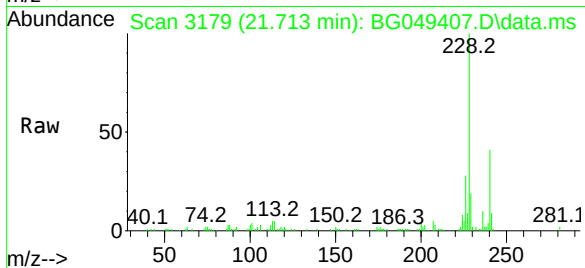




#81
Benzo(a)anthracene
Concen: 7.587 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

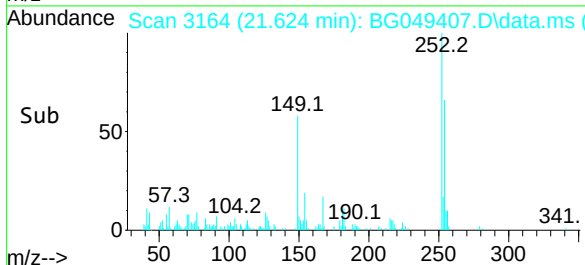
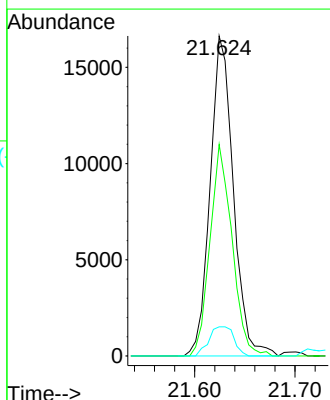
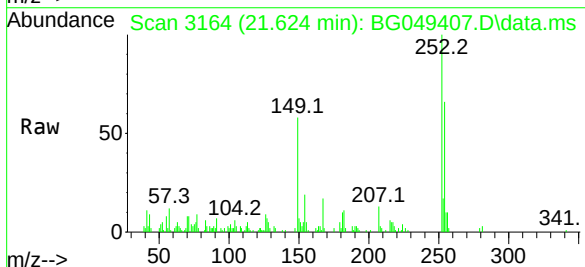
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

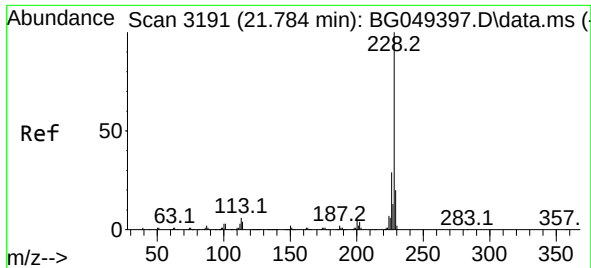
Tgt Ion:228 Resp: 69307
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 19.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 10.134 ng
RT: 21.624 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:252 Resp: 26705
Ion Ratio Lower Upper
252 100
254 66.1 52.4 78.6
126 9.1 5.9 8.9#

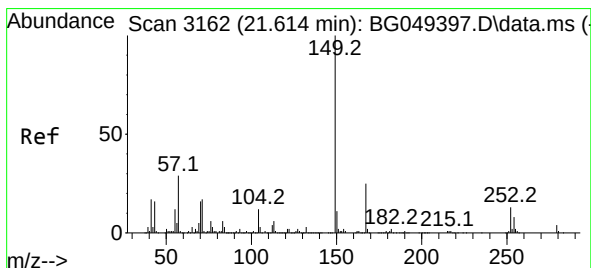
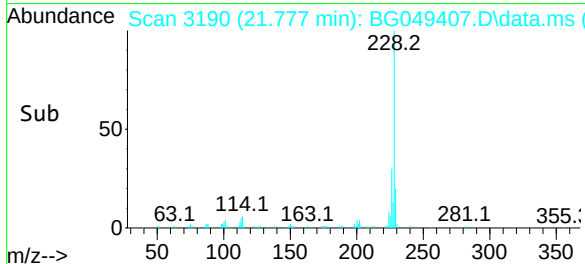
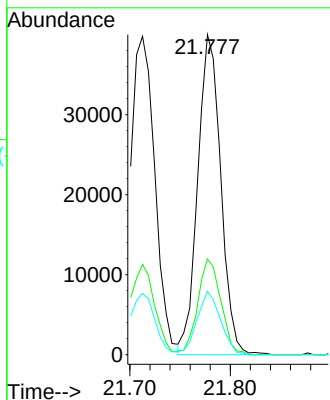
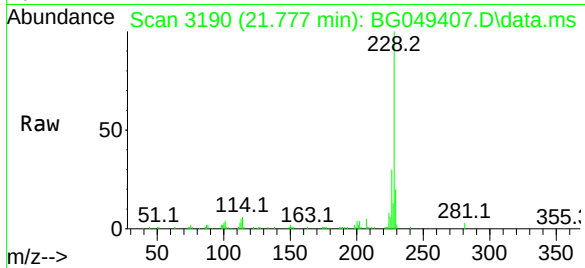




#83
Chrysene
Concen: 7.251 ng
RT: 21.777 min Scan# 3190
Delta R.T. -0.007 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

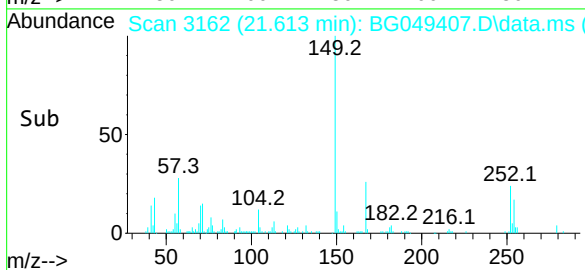
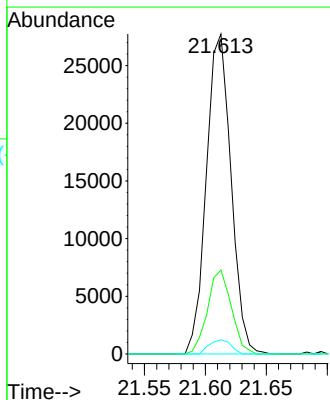
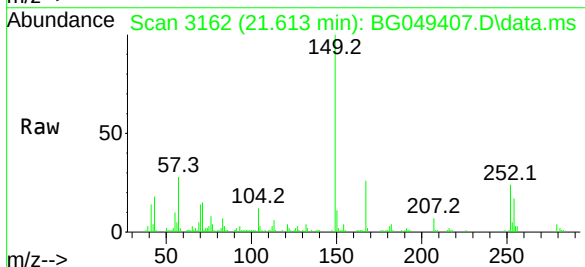
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

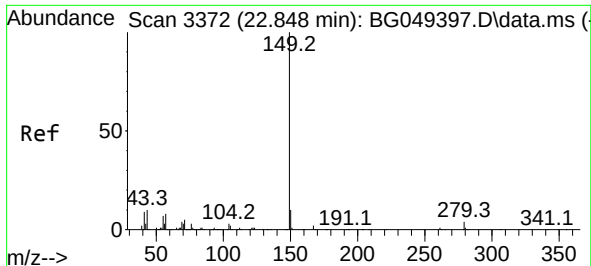
Tgt Ion:	228	Resp:	63878
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.1	34.7
229	19.8	15.3	22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.561 ng
RT: 21.613 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:	149	Resp:	39023
Ion Ratio	Lower	Upper	
149	100		
167	26.2	22.3	33.5
279	4.4	3.8	5.8

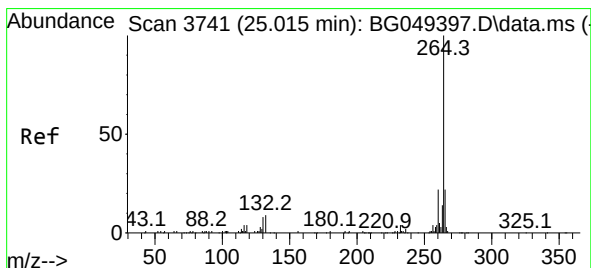
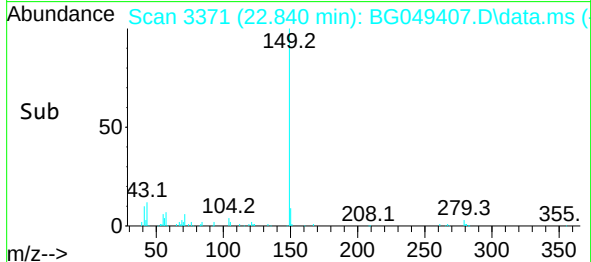
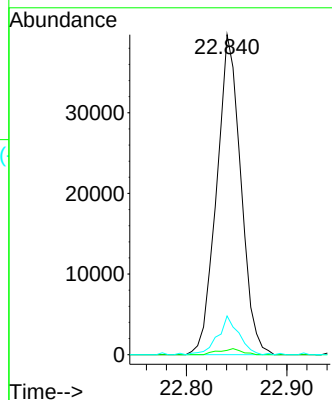
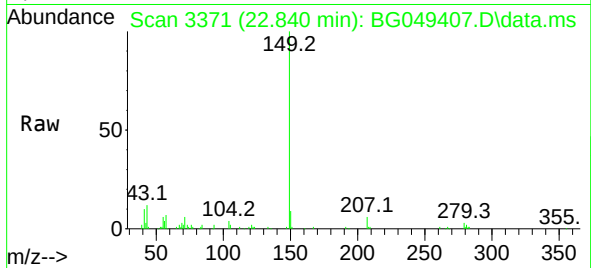




#85
Di-n-octyl phthalate
Concen: 7.428 ng
RT: 22.840 min Scan# 3371
Delta R.T. -0.007 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

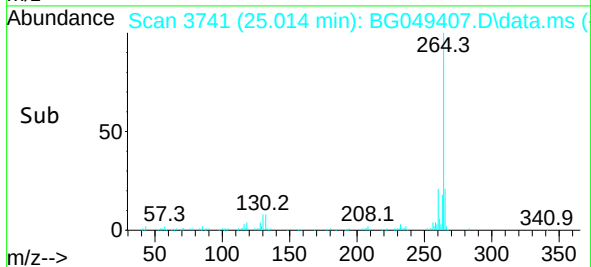
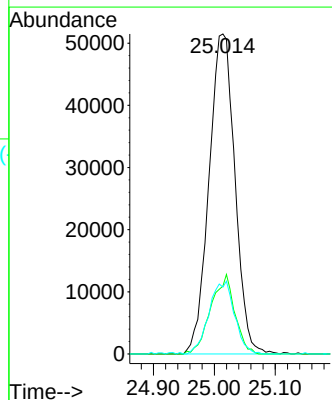
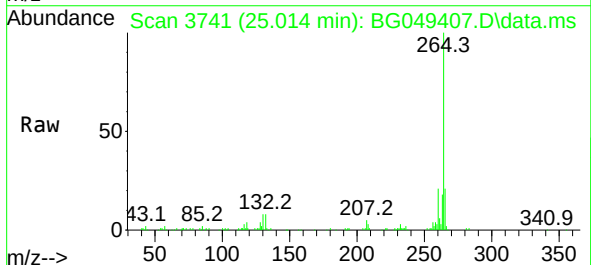
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

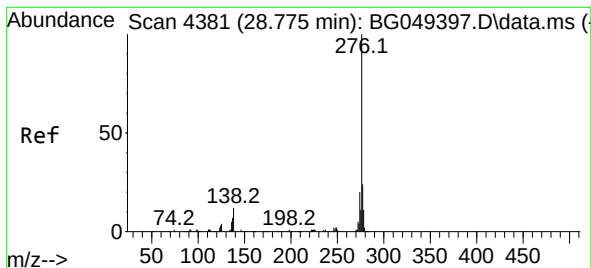
Tgt Ion:149 Resp: 66220
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 10.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 3741
Delta R.T. -0.001 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:264 Resp: 152167
Ion Ratio Lower Upper
264 100
260 21.2 19.4 29.2
265 20.9 16.9 25.3

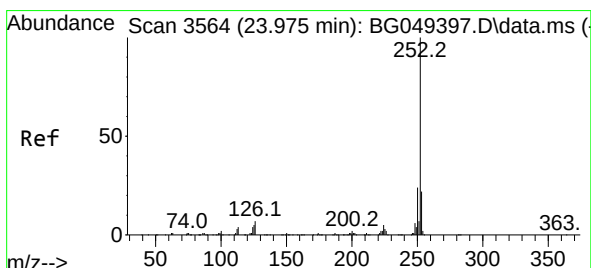
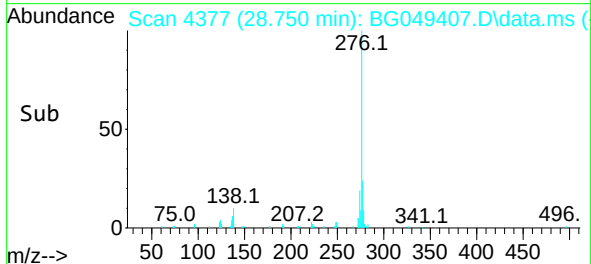
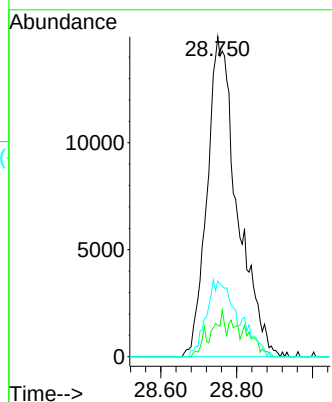
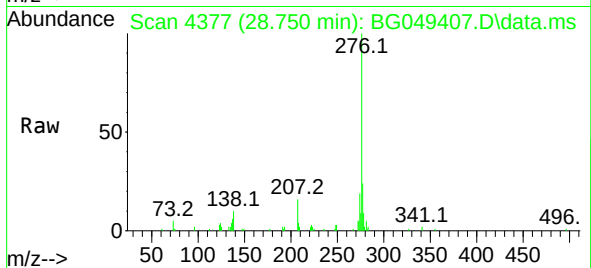




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.652 ng
 RT: 28.750 min Scan# 4377
 Delta R.T. -0.025 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

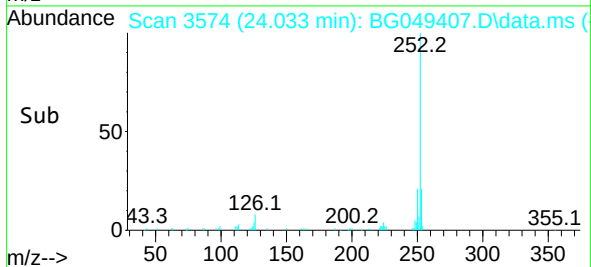
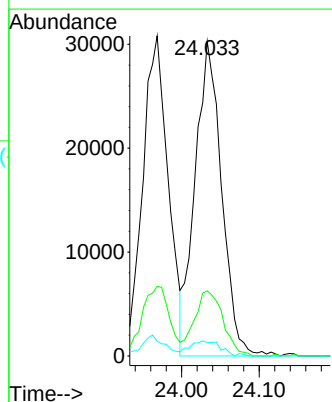
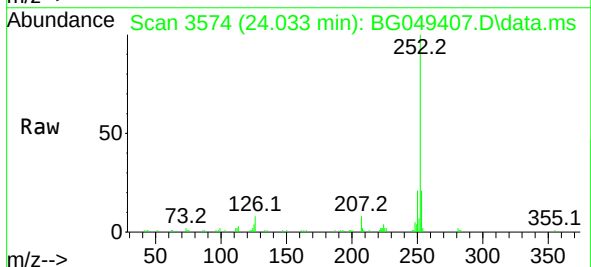
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

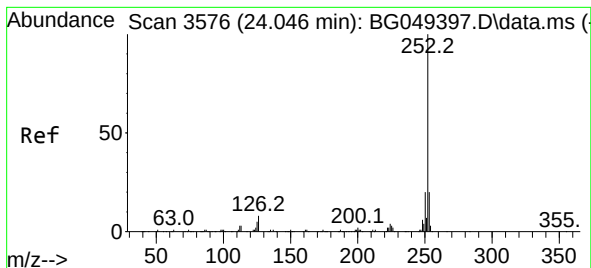
Tgt Ion:276 Resp: 82422
 Ion Ratio Lower Upper
 276 100
 138 3.4 5.1 7.7#
 277 0.0 19.8 29.6#



#88
 Benzo(b)fluoranthene
 Concen: 7.361 ng
 RT: 24.033 min Scan# 3574
 Delta R.T. 0.058 min
 Lab File: BG049407.D
 Acq: 22 Jul 2021 11:45

Tgt Ion:252 Resp: 72178
 Ion Ratio Lower Upper
 252 100
 253 20.7 16.2 24.4
 125 4.3 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 7.914 ng

RT: 24.033 min Scan# 3574

Delta R.T. -0.013 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

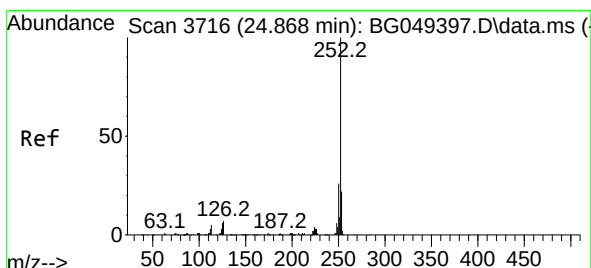
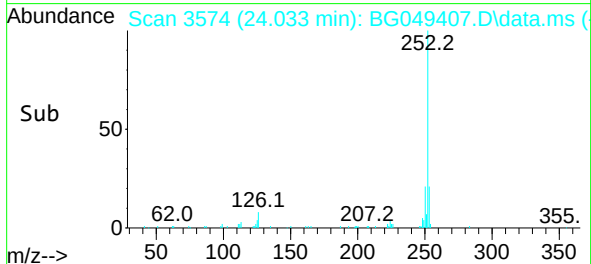
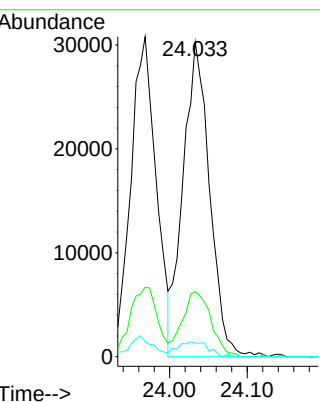
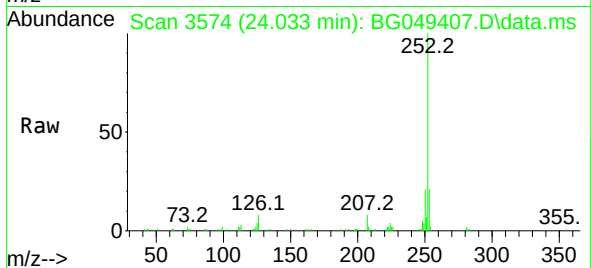
Tgt Ion:252 Resp: 72178

Ion Ratio Lower Upper

252 100

253 20.7 18.0 27.0

125 4.3 3.1 4.7



#90

Benzo(a)pyrene

Concen: 8.013 ng

RT: 24.855 min Scan# 3714

Delta R.T. -0.013 min

Lab File: BG049407.D

Acq: 22 Jul 2021 11:45

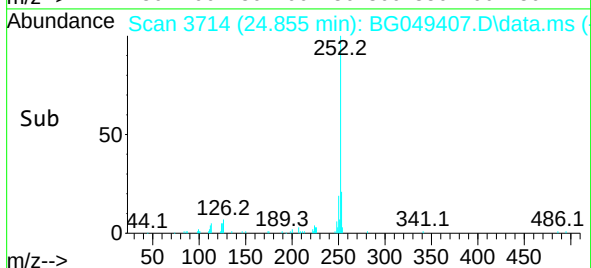
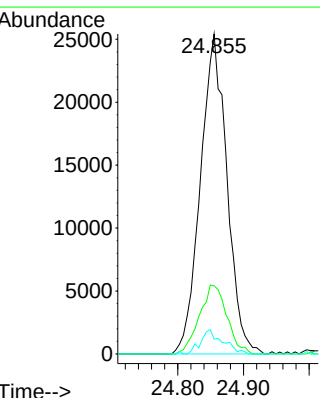
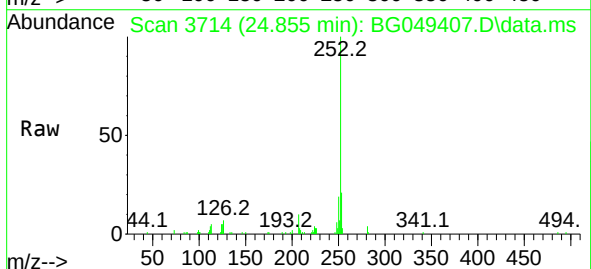
Tgt Ion:252 Resp: 71211

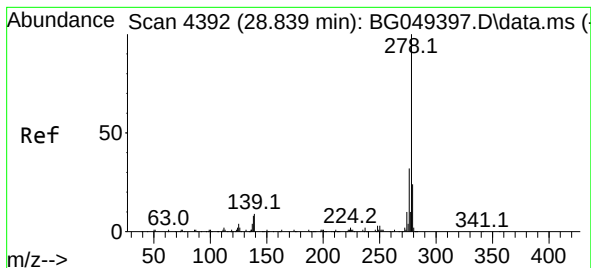
Ion Ratio Lower Upper

252 100

253 21.3 16.6 25.0

125 4.6 3.5 5.3

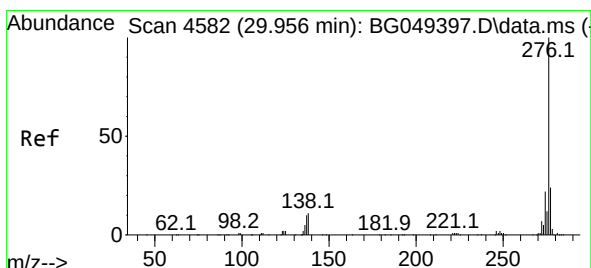
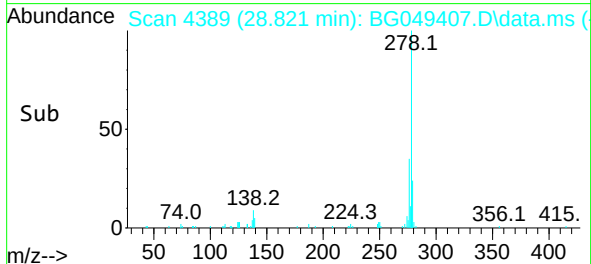
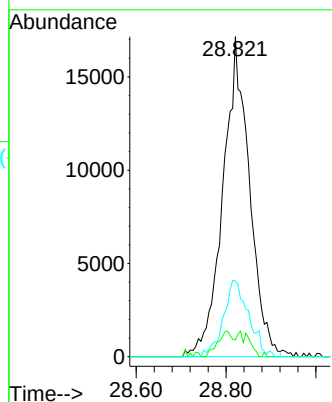
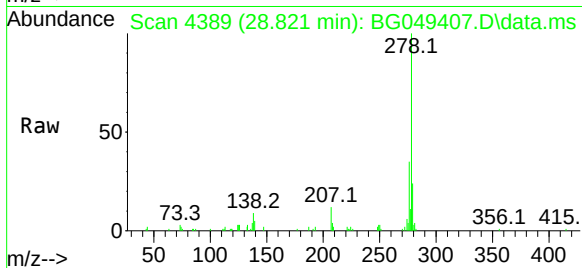




#91
Dibenzo(a,h)anthracene
Concen: 7.746 ng
RT: 28.821 min Scan# 4389
Delta R.T. -0.019 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:	278	Resp:	70072
Ion Ratio	Lower	Upper	
278	100		
139	5.3	4.6	6.8
279	23.7	17.9	26.9



#92
Benzo(g,h,i)perylene
Concen: 7.747 ng
RT: 29.925 min Scan# 4577
Delta R.T. -0.031 min
Lab File: BG049407.D
Acq: 22 Jul 2021 11:45

Tgt Ion:	276	Resp:	69346
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.4	27.6
138	10.0	7.0	10.6

