

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049408.D
 Acq On : 22 Jul 2021 12:27
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Quant Time: Jul 22 15:34:08 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 14:51:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	27433	20.000	ng	0.00
21) Naphthalene-d8	10.874	136	106756	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	74725	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	157237	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	164925	20.000	ng	0.00
86) Perylene-d12	25.008	264	174442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	175411	108.484	ng	0.00
7) Phenol-d6	7.209	99	251410	106.763	ng	0.00
23) Nitrobenzene-d5	9.218	82	167874	70.455	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	111871	111.792	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	348574	67.122	ng	0.00
79) Terphenyl-d14	20.056	244	595331	70.496	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.478	88	3550	4.846	ng	97
3) Pyridine	3.901	79	6771	3.627	ng	# 87
4) n-Nitrosodimethylamine	3.813	42	4335	4.729	ng	# 96
6) Aniline	7.373	93	13872	5.447	ng	# 90
8) 2-Chlorophenol	7.614	128	7730	4.662	ng	78
9) Benzaldehyde	7.185	77	9445	6.038	ng	# 75
10) Phenol	7.232	94	11185	4.986	ng	88
11) bis(2-Chloroethyl)ether	7.467	93	7782	5.064	ng	85
12) 1,3-Dichlorobenzene	7.937	146	9099	4.641	ng	87
13) 1,4-Dichlorobenzene	8.084	146	9207	4.716	ng	94
14) 1,2-Dichlorobenzene	8.413	146	9273	4.917	ng	91
15) Benzyl Alcohol	8.290	79	9216	4.788	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.583	45	9153	5.099	ng	93
17) 2-Methylphenol	8.495	107	7311	4.895	ng	87
18) Hexachloroethane	9.147	117	3967	5.229	ng	85
19) n-Nitroso-di-n-propyla...	8.853	70	6974	4.507	ng	94
20) 3+4-Methylphenols	8.824	107	9339	4.563	ng	# 79
22) Acetophenone	8.883	105	15492	5.419	ng	# 93
24) Nitrobenzene	9.265	77	13129	5.246	ng	96
25) Isophorone	9.787	82	20376	4.826	ng	# 96
26) 2-Nitrophenol	9.975	139	4094	4.507	ng	# 86
27) 2,4-Dimethylphenol	10.034	122	7540	5.192	ng	97
28) bis(2-Chloroethoxy)met...	10.269	93	10682	5.671	ng	97
29) 2,4-Dichlorophenol	10.516	162	7625	4.528	ng	92
30) 1,2,4-Trichlorobenzene	10.733	180	9256	4.867	ng	89
31) Naphthalene	10.921	128	27480	4.881	ng	99
32) Benzoic acid	10.128	122	503	0.527	ng	85
33) 4-Chloroaniline	11.033	127	9834	4.577	ng	# 94
34) Hexachlorobutadiene	11.209	225	6902	5.064	ng	96
35) Caprolactam	11.791	113	2389	4.568	ng	97
36) 4-Chloro-3-methylphenol	12.149	107	8815	4.438	ng	99
37) 2-Methylnaphthalene	12.531	142	20636	5.022	ng	96
38) 1-Methylnaphthalene	12.531	142	20636	5.252	ng	94
40) 1,2,4,5-Tetrachloroben...	12.895	216	11025	4.989	ng	96
41) Hexachlorocyclopentadiene	12.872	237	4475	4.537	ng	93
43) 2,4,6-Trichlorophenol	13.212	196	6996	4.854	ng	88

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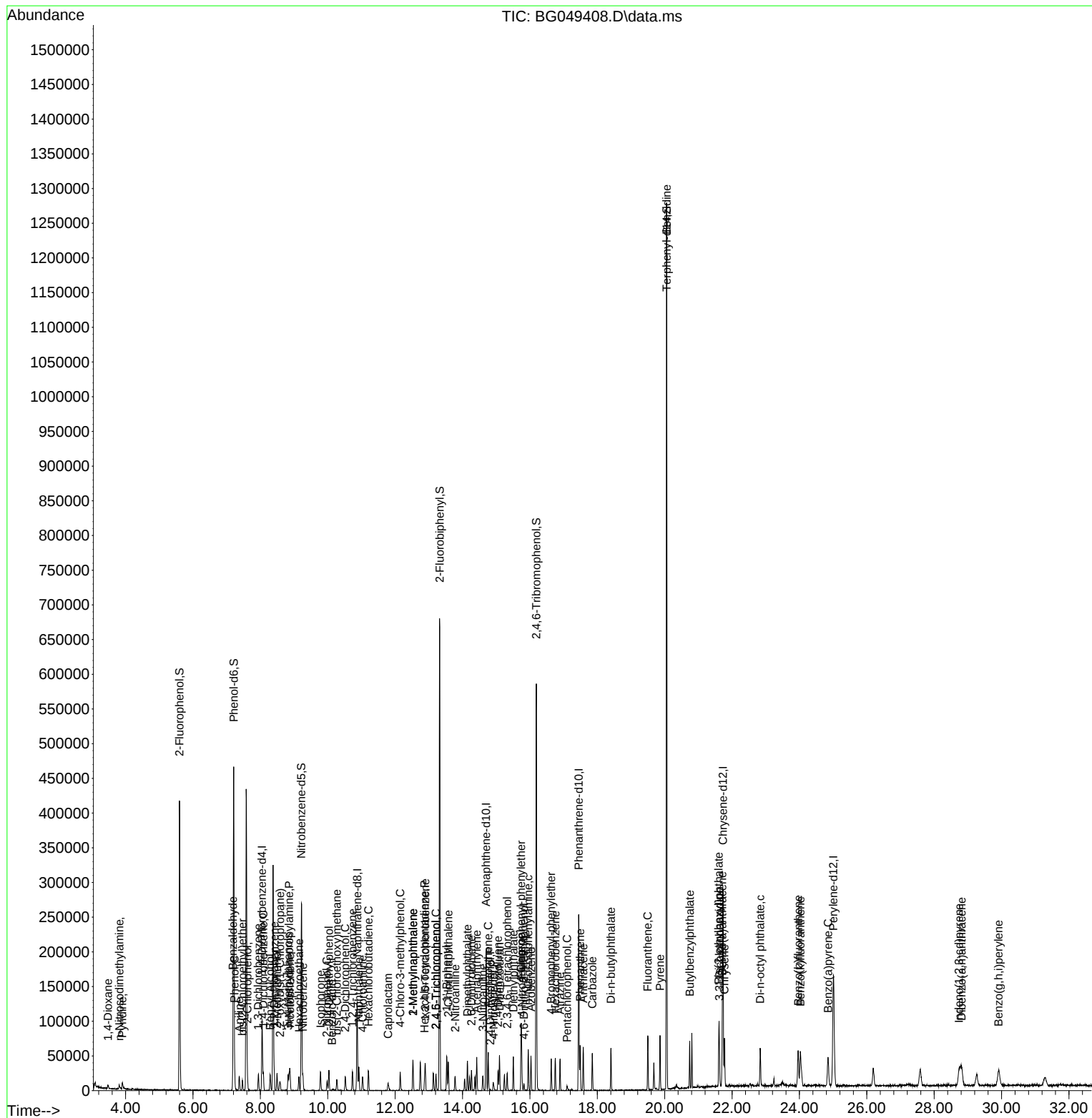
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	6996	4.487	ng	# 82
46) 1,1'-Biphenyl	13.530	154	27267	4.977	ng	97
47) 2-Chloronaphthalene	13.576	162	20076	4.771	ng	96
48) 2-Nitroaniline	13.782	65	6977	4.765	ng	95
49) Acenaphthylene	14.422	152	33711	4.941	ng	# 94
50) Dimethylphthalate	14.146	163	26360	4.856	ng	# 94
51) 2,6-Dinitrotoluene	14.264	165	5173	4.389	ng	# 83
52) Acenaphthene	14.763	154	19680	4.779	ng	99
53) 3-Nitroaniline	14.605	138	4801	4.062	ng	82
54) 2,4-Dinitrophenol	14.828	184	384	0.774	ng	# 46
55) Dibenzofuran	15.098	168	30339	4.592	ng	97
56) 4-Nitrophenol	14.922	139	3409	3.657	ng	# 64
57) 2,4-Dinitrotoluene	15.051	165	7445	4.570	ng	# 93
58) Fluorene	15.744	166	26225	4.898	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.327	232	5763	4.043	ng	# 38
60) Diethylphthalate	15.509	149	26845	4.923	ng	92
61) 4-Chlorophenyl-phenyle...	15.738	204	13452	4.939	ng	97
62) 4-Nitroaniline	15.762	138	5479	4.405	ng	# 68
63) Azobenzene	16.032	77	28640	4.743	ng	88
65) 4,6-Dinitro-2-methylph...	15.821	198	2457	2.884	ng	# 73
66) n-Nitrosodiphenylamine	15.950	169	23276	5.154	ng	92
67) 4-Bromophenyl-phenylether	16.631	248	9021	5.065	ng	99
68) Hexachlorobenzene	16.755	284	10059	4.988	ng	# 93
69) Atrazine	16.896	200	9540	5.331	ng	87
70) Pentachlorophenol	17.107	266	1922	2.121	ng	# 67
71) Phenanthrene	17.495	178	40728	4.819	ng	96
72) Anthracene	17.583	178	40516	4.877	ng	97
73) Carbazole	17.853	167	35180	4.452	ng	95
74) Di-n-butylphthalate	18.405	149	44881	4.981	ng	96
75) Fluoranthene	19.498	202	50850	4.832	ng	98
77) Benzidine	20.062	184	11800	2.585	ng	98
78) Pyrene	19.862	202	51114	4.722	ng	97
80) Butylbenzylphthalate	20.743	149	18183	4.620	ng	99
81) Benzo(a)anthracene	21.707	228	49714	4.759	ng	100
82) 3,3'-Dichlorobenzidine	21.624	252	19402	6.438	ng	# 97
83) Chrysene	21.777	228	47473	4.712	ng	99
84) Bis(2-ethylhexyl)phtha...	21.607	149	28438	4.818	ng	# 90
85) Di-n-octyl phthalate	22.835	149	46046	4.517	ng	# 100
87) Indeno(1,2,3-cd)pyrene	28.738	276	60005	4.859	ng	# 80
88) Benzo(b)fluoranthene	23.962	252	53750	4.782	ng	99
89) Benzo(k)fluoranthene	24.027	252	48192	4.609	ng	# 93
90) Benzo(a)pyrene	24.849	252	50132	4.921	ng	# 97
91) Dibenzo(a,h)anthracene	28.809	278	51902	5.005	ng	95
92) Benzo(g,h,i)perylene	29.907	276	49316	4.806	ng	# 89

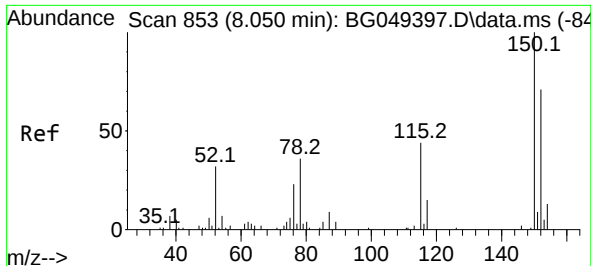
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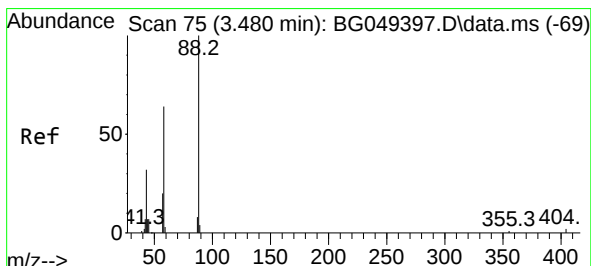
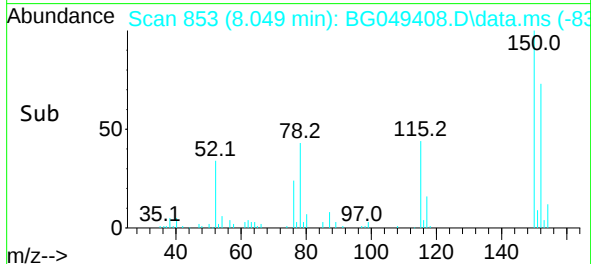
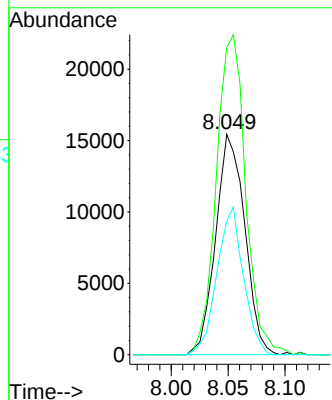
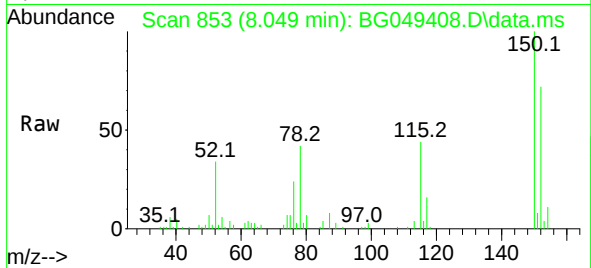




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.049 min Scan# 853
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

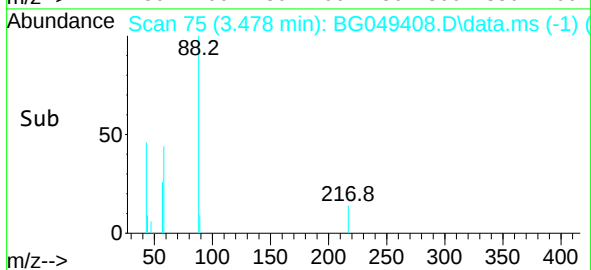
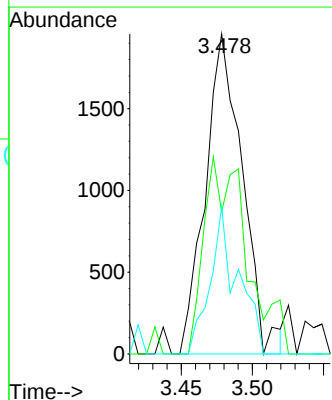
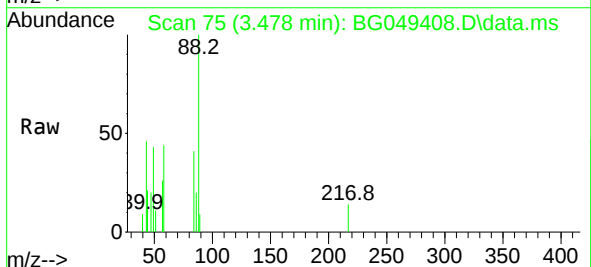
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

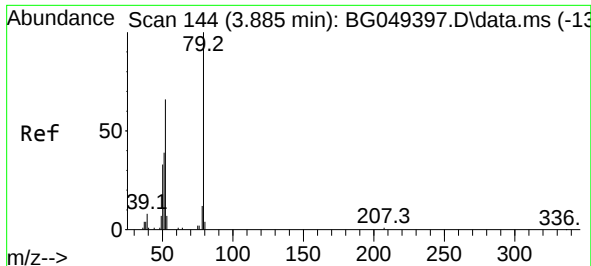
Tgt Ion:152 Resp: 27433
Ion Ratio Lower Upper
152 100
150 139.4 119.4 179.0
115 60.7 60.2 90.4



#2
1,4-Dioxane
Concen: 4.846 ng
RT: 3.478 min Scan# 75
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 88 Resp: 3550
Ion Ratio Lower Upper
88 100
58 71.4 55.7 83.5
43 34.4 29.3 43.9

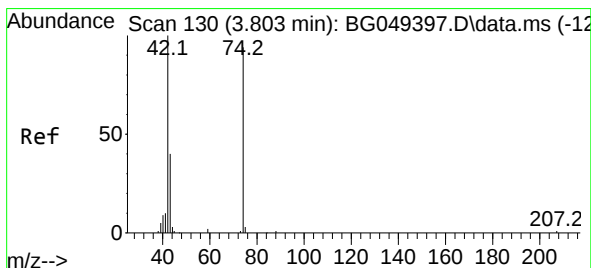
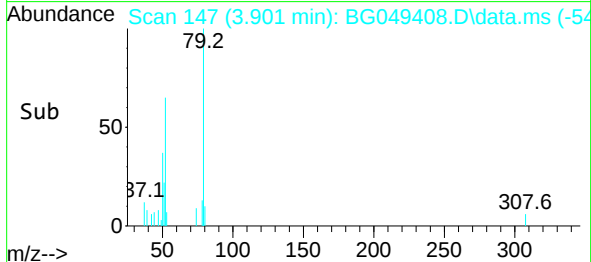
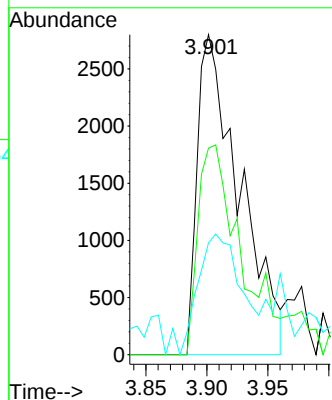
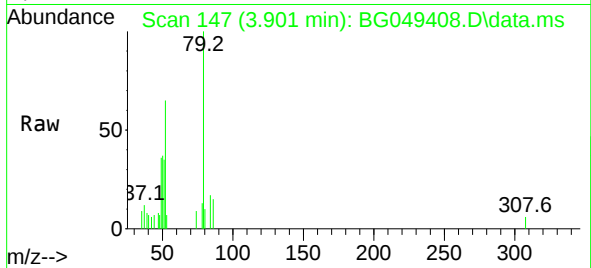




#3
Pyridine
Concen: 3.627 ng
RT: 3.901 min Scan# 147
Delta R.T. 0.016 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

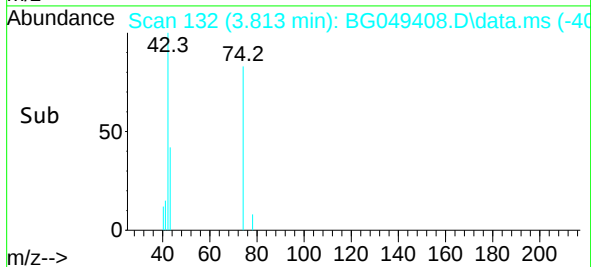
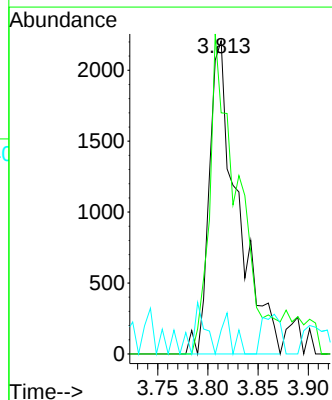
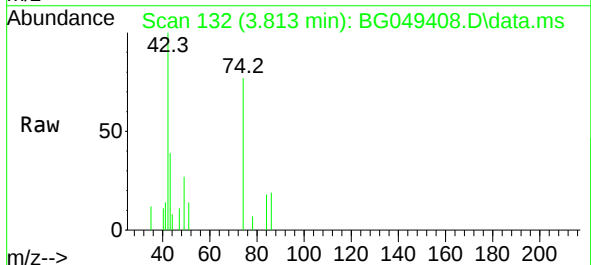
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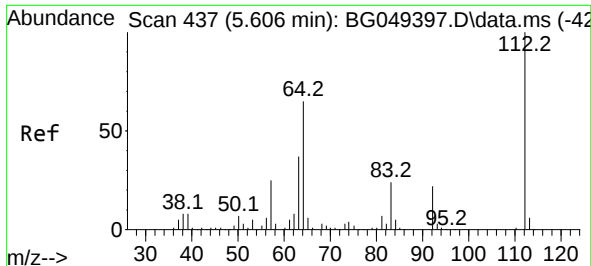
Tgt Ion: 79 Resp: 6771
Ion Ratio Lower Upper
79 100
52 64.5 58.4 87.6
51 35.0 37.0 55.6#



#4
n-Nitrosodimethylamine
Concen: 4.729 ng
RT: 3.813 min Scan# 132
Delta R.T. 0.011 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 42 Resp: 4335
Ion Ratio Lower Upper
42 100
74 77.0 64.0 96.0
44 7.6 2.7 4.1#

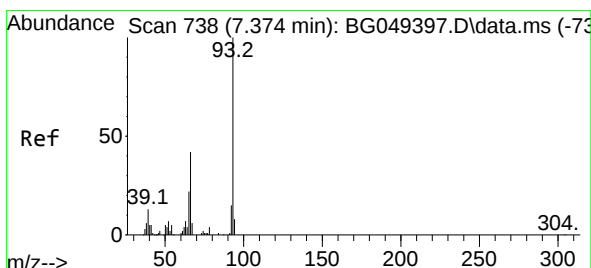
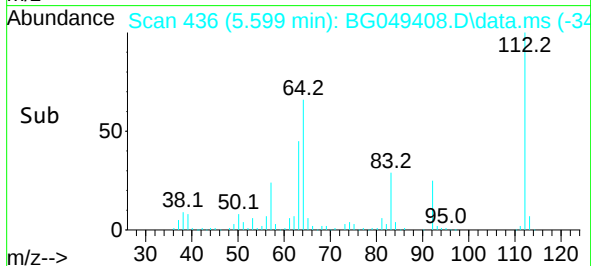
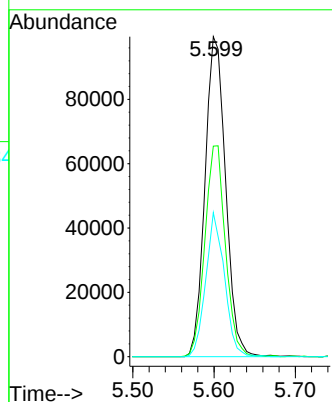
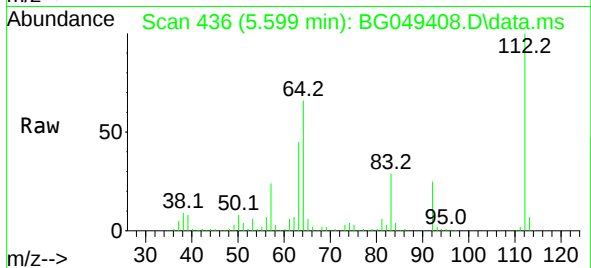




#5
2-Fluorophenol
Concen: 108.484 ng
RT: 5.599 min Scan# 436
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

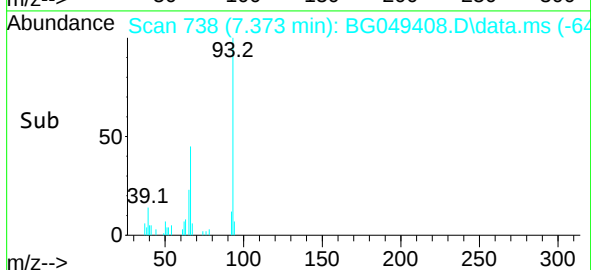
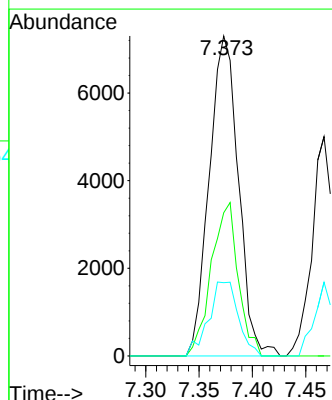
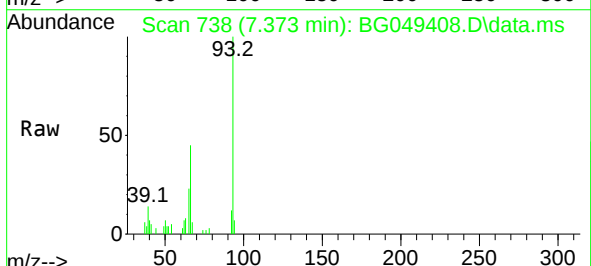
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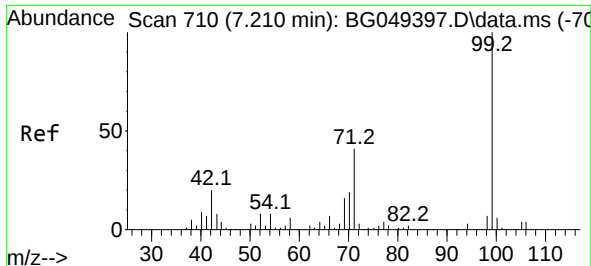
Tgt Ion:112 Resp: 175411
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 45.0 35.3 52.9



#6
Aniline
Concen: 5.447 ng
RT: 7.373 min Scan# 738
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 93 Resp: 13872
Ion Ratio Lower Upper
93 100
66 44.8 30.6 45.8
65 22.9 15.0 22.4#

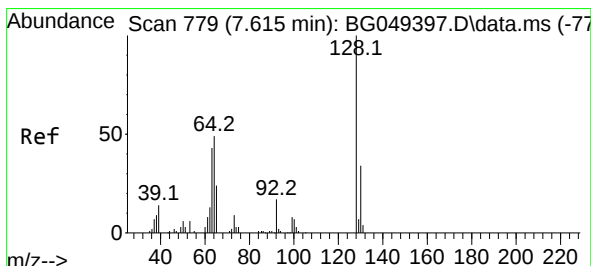
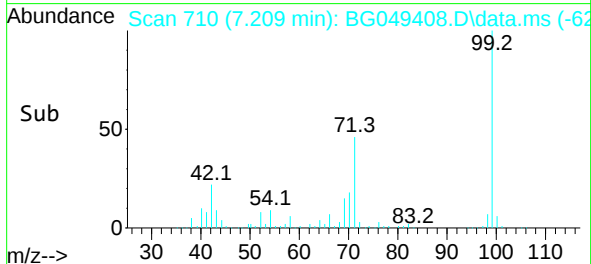
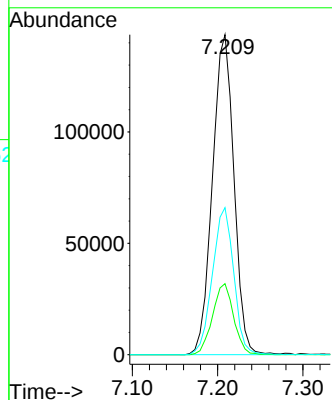
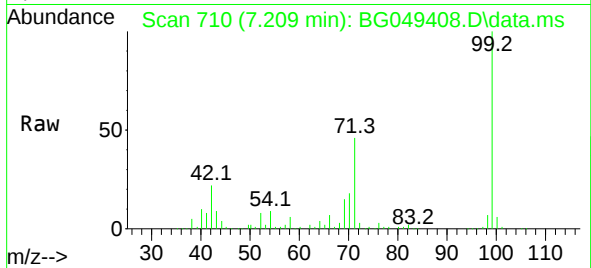




#7
Phenol-d6
Concen: 106.763 ng
RT: 7.209 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

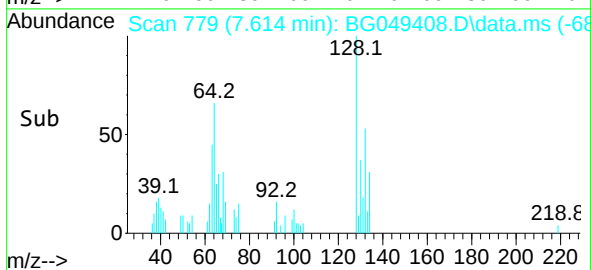
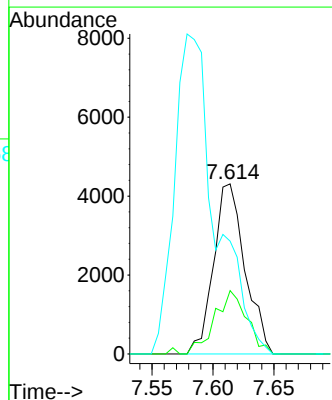
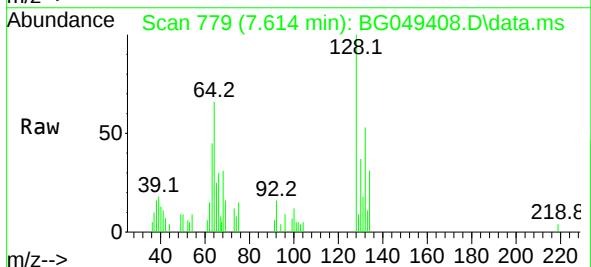
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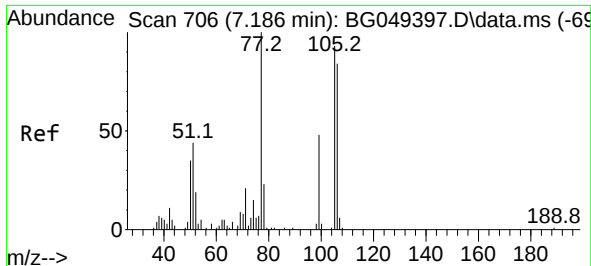
Tgt Ion: 99 Resp: 251410
Ion Ratio Lower Upper
99 100
42 22.2 20.5 30.7
71 45.9 41.5 62.3



#8
2-Chlorophenol
Concen: 4.662 ng
RT: 7.614 min Scan# 779
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 128 Resp: 7730
Ion Ratio Lower Upper
128 100
130 37.2 10.0 50.0
64 66.3 28.1 68.1

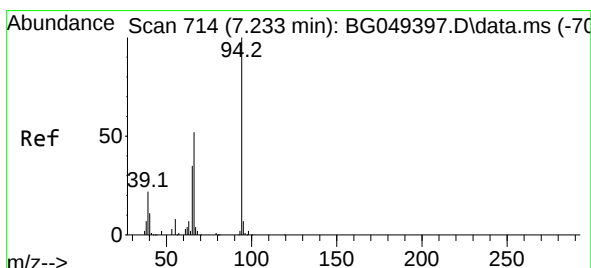
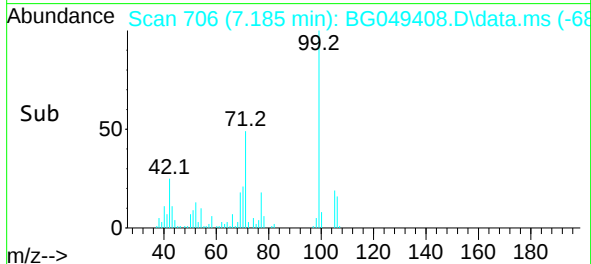
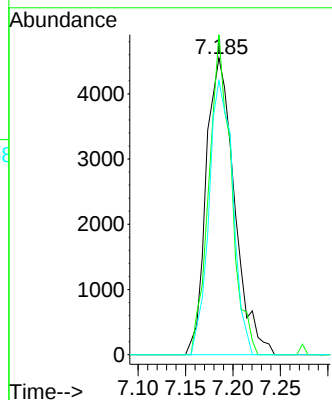
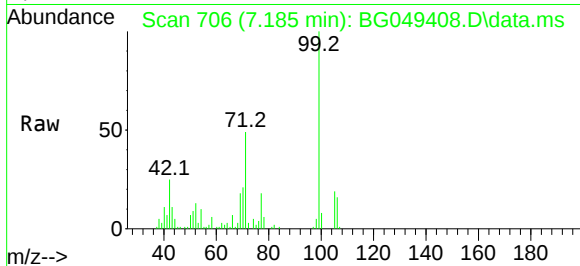




#9
Benzaldehyde
Concen: 6.038 ng
RT: 7.185 min Scan# 706
Delta R.T. -0.001 min
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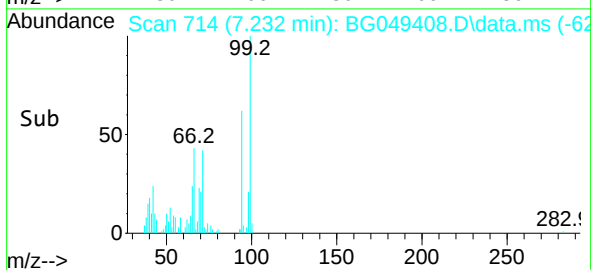
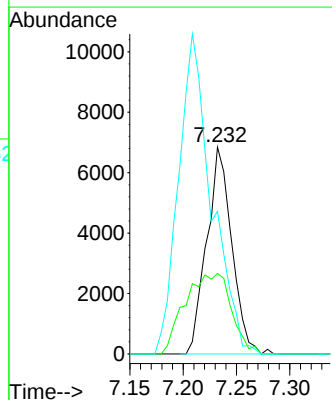
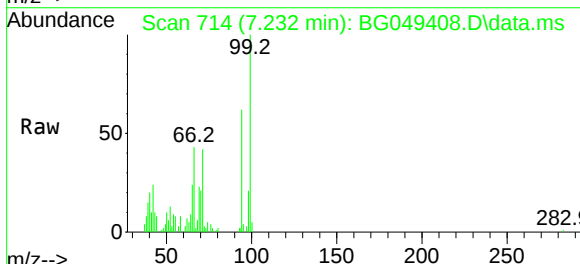
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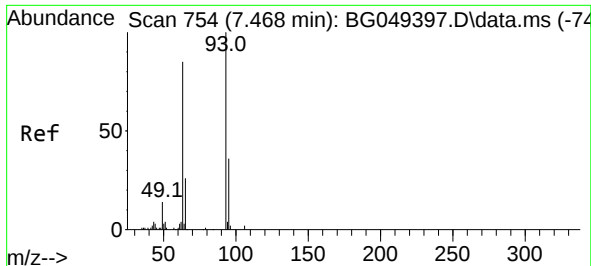
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Ion Ratio Lower Upper
77 100
105 107.9 68.8 108.8
106 92.4 47.9 87.9#



#10
Phenol
Concen: 4.986 ng
RT: 7.232 min Scan# 714
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 94 Resp: 11185
Ion Ratio Lower Upper
94 100
65 38.9 12.9 52.9
66 69.0 39.4 79.4

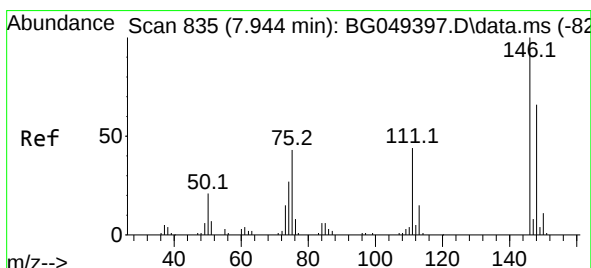
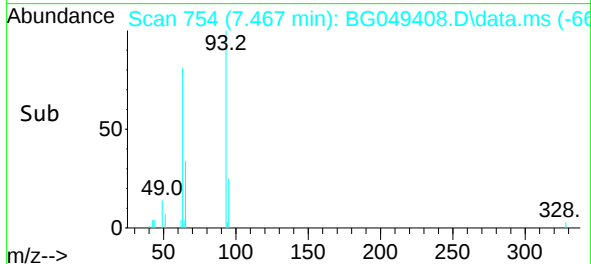
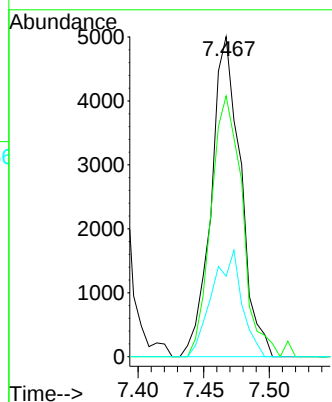
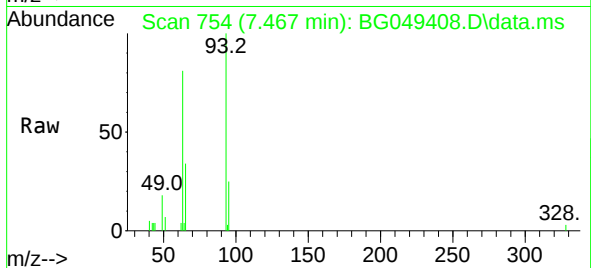




#11
bis(2-Chloroethyl)ether
Concen: 5.064 ng
RT: 7.467 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

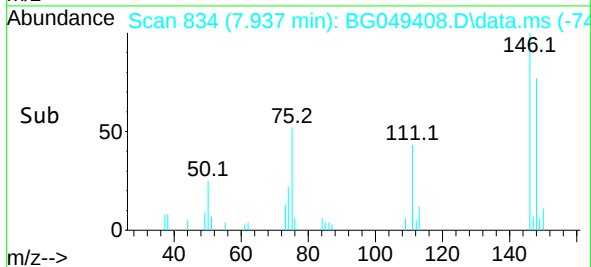
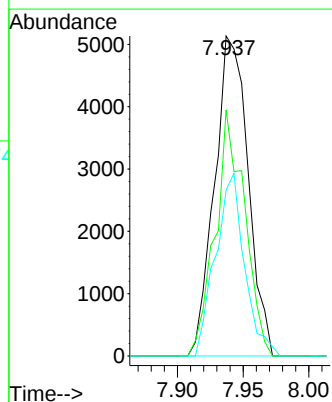
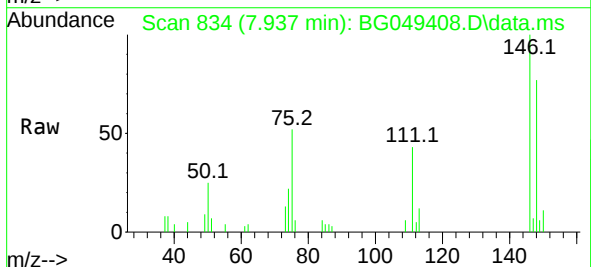
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

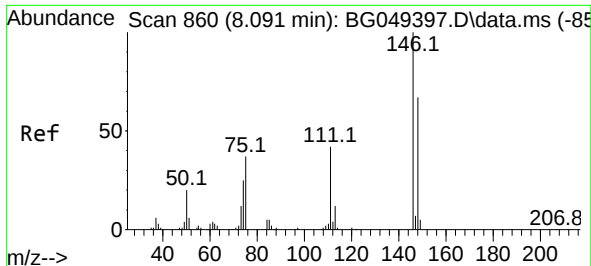
Tgt Ion: 93 Resp: 7782
Ion Ratio Lower Upper
93 100
63 81.5 50.4 90.4
95 25.1 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 4.641 ng
RT: 7.937 min Scan# 834
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 146 Resp: 9099
Ion Ratio Lower Upper
146 100
148 76.9 52.6 78.8
75 51.9 35.7 53.5

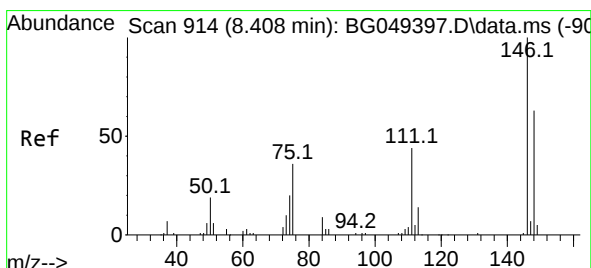
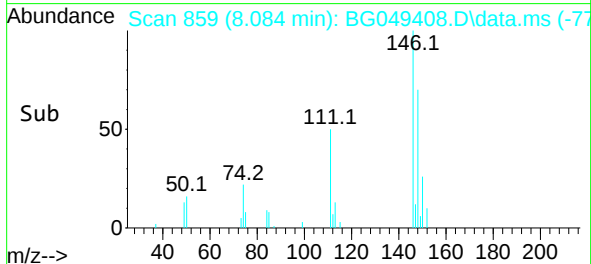
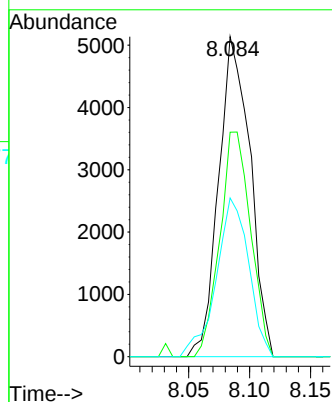
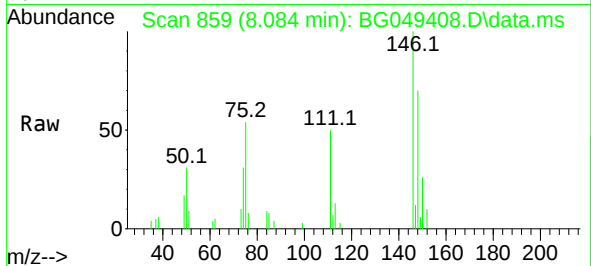




#13
1,4-Dichlorobenzene
Concen: 4.716 ng
RT: 8.084 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

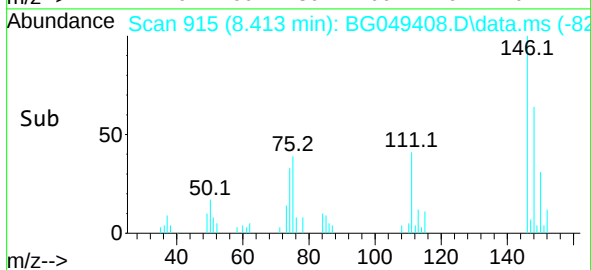
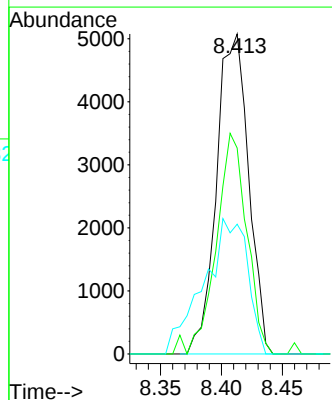
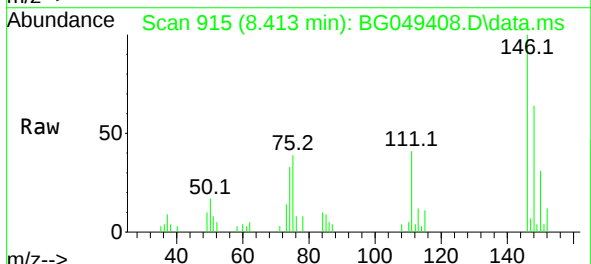
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

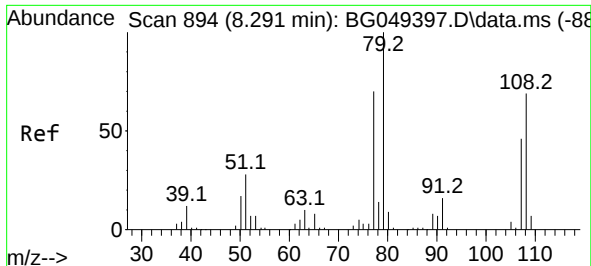
Tgt Ion:146 Resp: 9207
Ion Ratio Lower Upper
146 100
148 70.1 54.0 81.0
111 49.6 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 4.917 ng
RT: 8.413 min Scan# 915
Delta R.T. 0.005 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:146 Resp: 9273
Ion Ratio Lower Upper
146 100
148 64.4 47.5 71.3
111 40.5 39.1 58.7





#15

Benzyl Alcohol

Concen: 4.788 ng

RT: 8.290 min Scan# 894

Delta R.T. -0.001 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

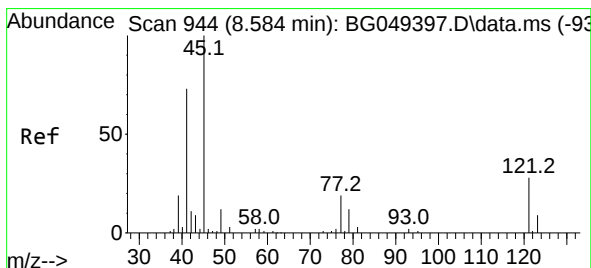
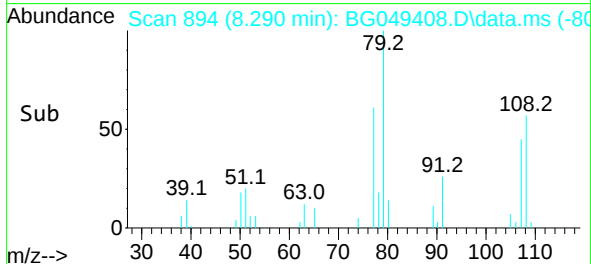
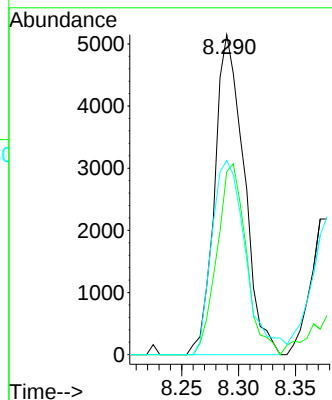
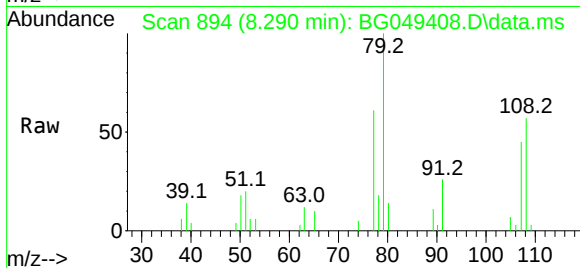
Tgt Ion:	79	Resp:	9216
Ion	Ratio	Lower	Upper
79	100		
108	57.2	48.2	72.4
77	60.7	57.3	85.9

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.099 ng

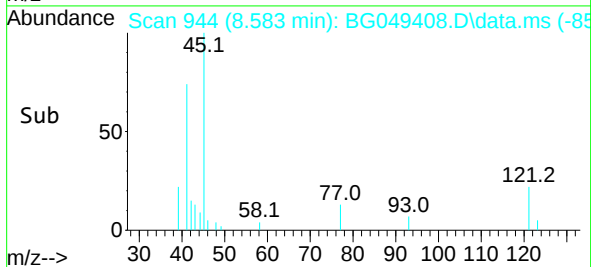
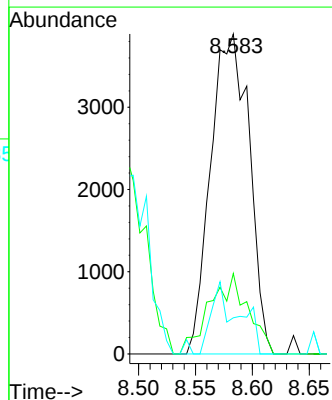
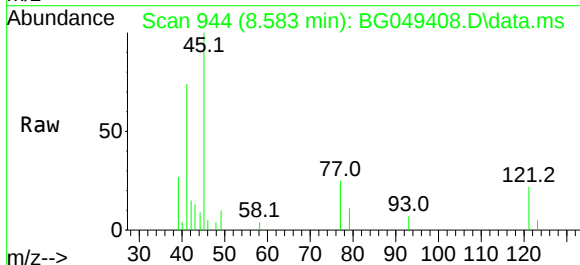
RT: 8.583 min Scan# 944

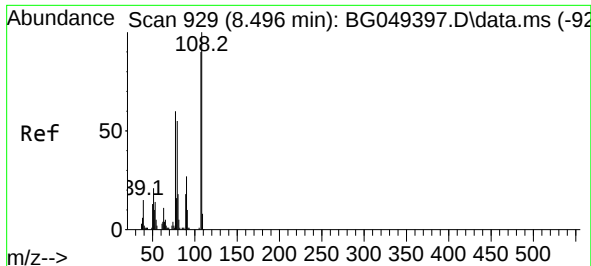
Delta R.T. -0.001 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

Tgt Ion:	45	Resp:	9153
Ion	Ratio	Lower	Upper
45	100		
77	25.2	2.2	42.2
79	11.3	0.0	34.3

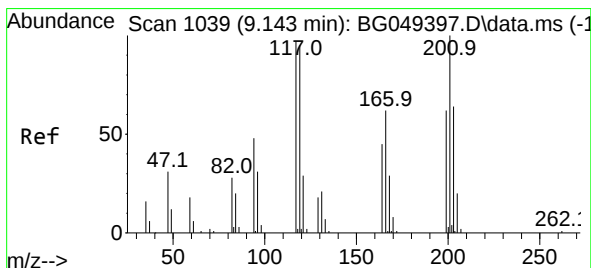
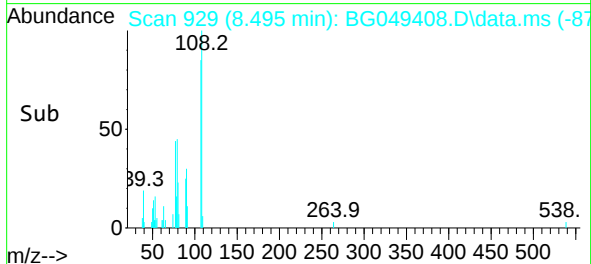
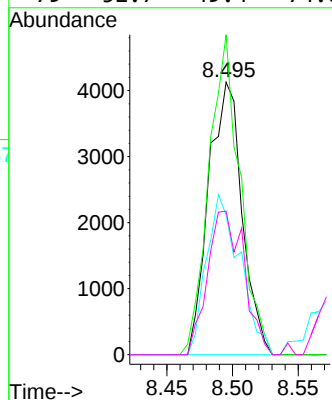
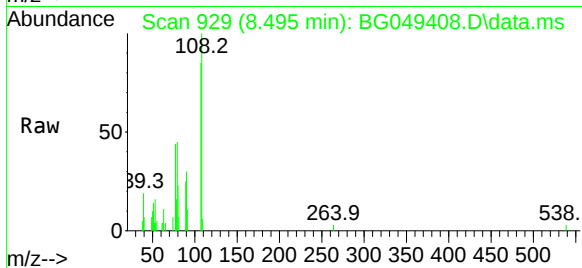




#17
2-Methylphenol
Concen: 4.895 ng
RT: 8.495 min Scan# 929
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

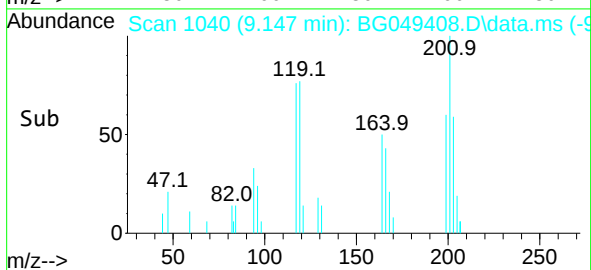
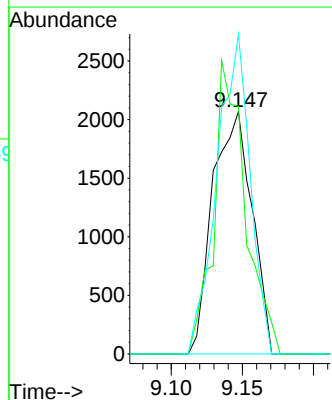
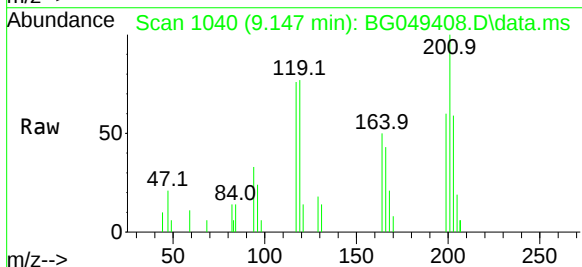
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

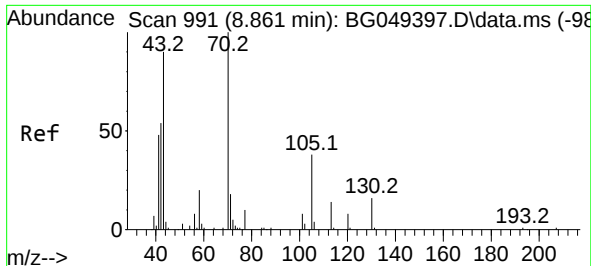
Tgt Ion:	107	Resp:	7311
Ion	Ratio	Lower	Upper
107	100		
108	117.5	84.6	127.0
77	51.2	50.7	76.1
79	52.7	49.4	74.0



#18
Hexachloroethane
Concen: 5.229 ng
RT: 9.147 min Scan# 1040
Delta R.T. 0.005 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

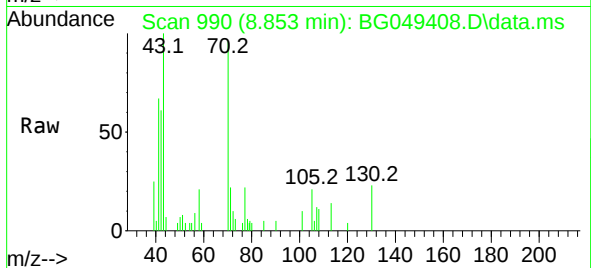
Tgt Ion:	117	Resp:	3967
Ion	Ratio	Lower	Upper
117	100		
119	102.1	74.4	111.6
201	132.0	88.6	133.0



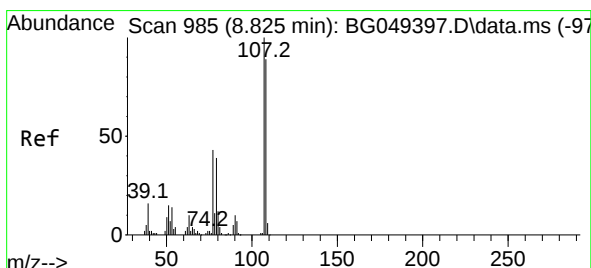
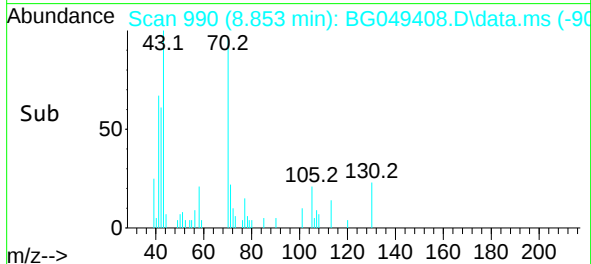
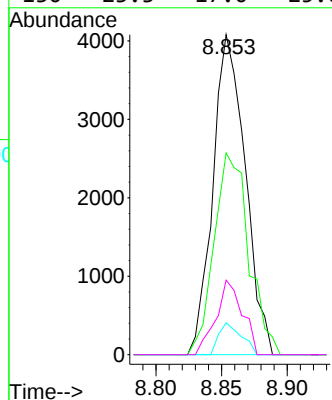


#19
n-Nitroso-di-n-propylamine
Concen: 4.507 ng
RT: 8.853 min Scan# 990
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

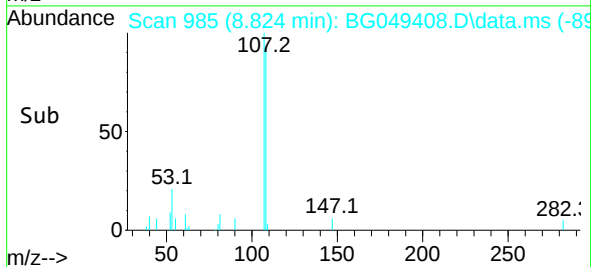
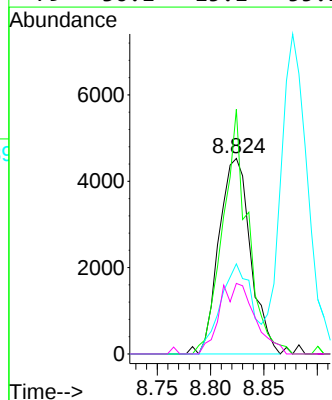
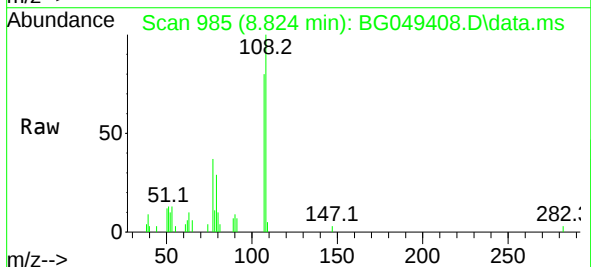


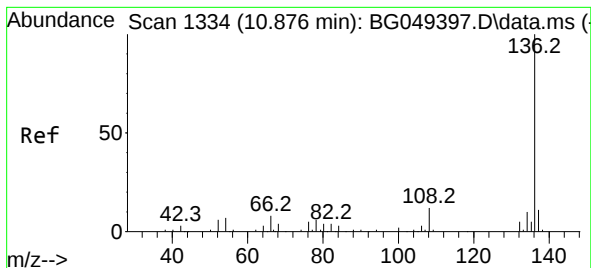
Tgt Ion:	70	Resp:	6974
Ion	Ratio	Lower	Upper
70	100		
42	63.0	54.5	81.7
101	10.0	9.0	13.6
130	23.3	17.0	25.6



#20
3+4-Methylphenols
Concen: 4.563 ng
RT: 8.824 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

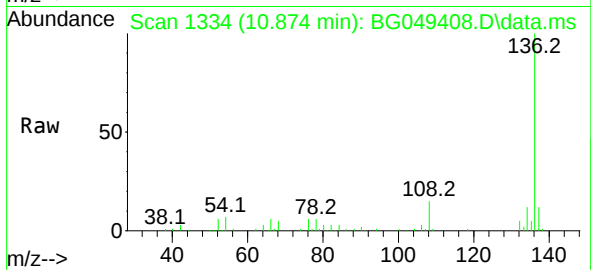
Tgt Ion:	107	Resp:	9339
Ion	Ratio	Lower	Upper
107	100		
108	125.1	69.3	109.3#
77	46.0	25.2	65.2
79	36.1	15.1	55.1



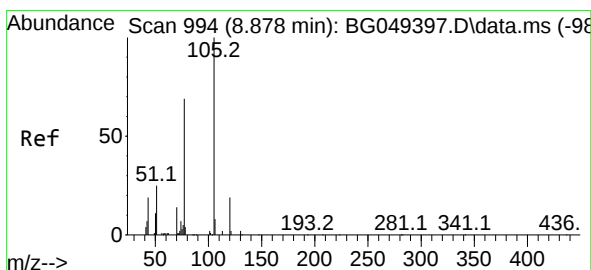
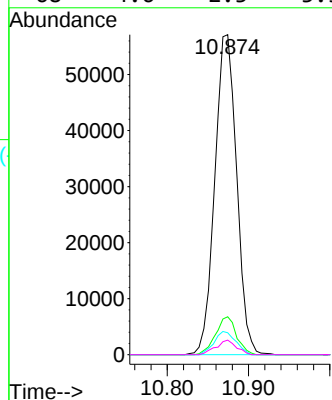
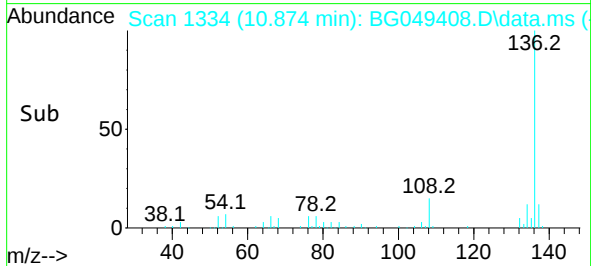


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.874 min Scan# 1334
Delta R.T. -0.002 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

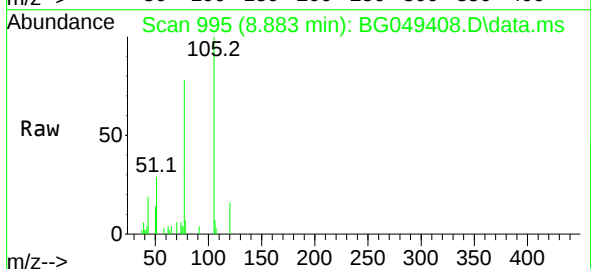
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



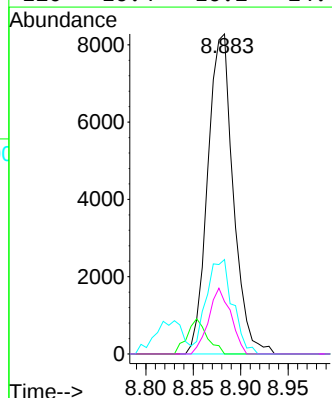
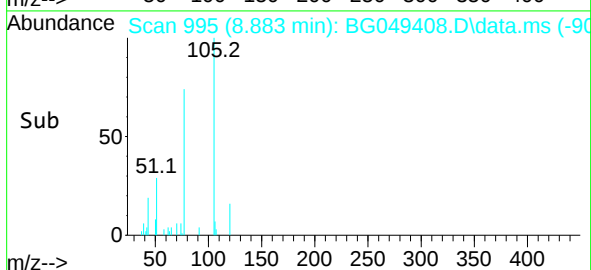
Tgt Ion:136 Resp: 106756
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 6.8 5.5 8.3
68 4.6 2.3 3.5#

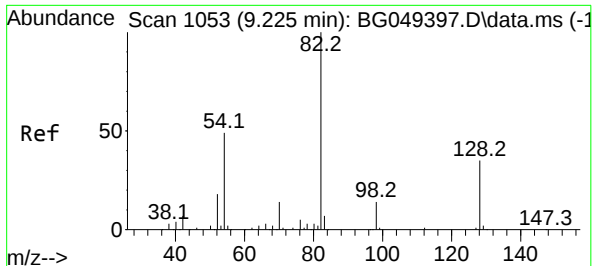


#22
Acetophenone
Concen: 5.419 ng
RT: 8.883 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



Tgt Ion:105 Resp: 15492
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 29.5 26.6 40.0
120 16.4 16.2 24.4

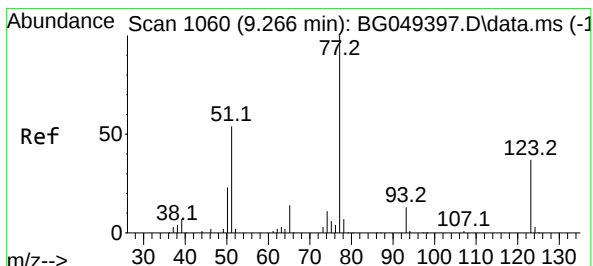
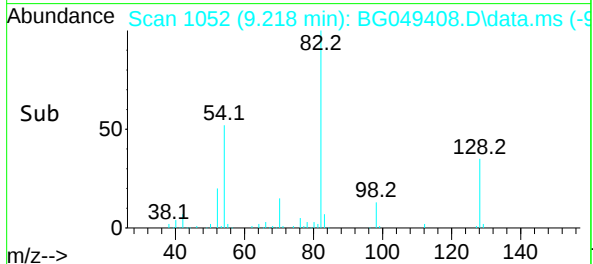
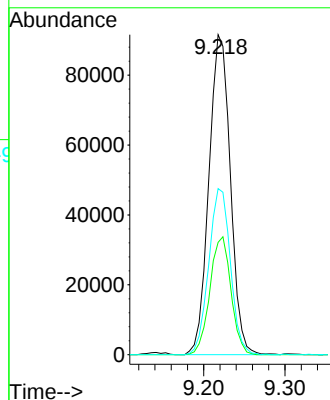
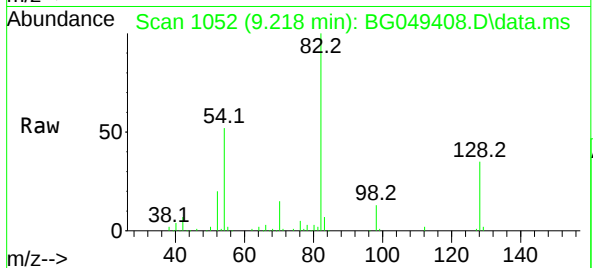




#23
Nitrobenzene-d5
Concen: 70.455 ng
RT: 9.218 min Scan# 1052
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

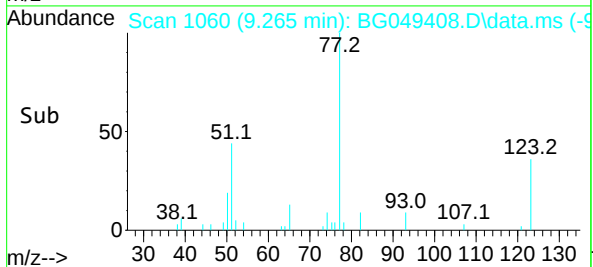
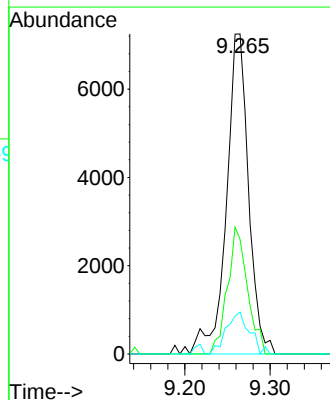
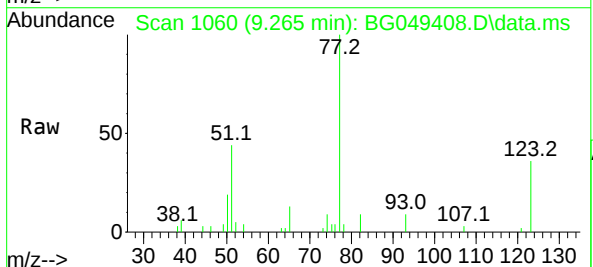
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

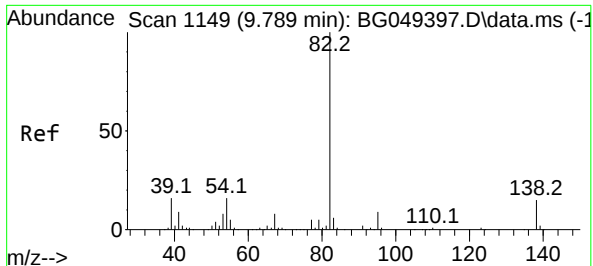
Tgt Ion: 82 Resp: 167874
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 51.9 45.8 68.8



#24
Nitrobenzene
Concen: 5.246 ng
RT: 9.265 min Scan# 1060
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 77 Resp: 13129
Ion Ratio Lower Upper
77 100
123 35.8 27.5 41.3
65 13.1 12.6 18.8

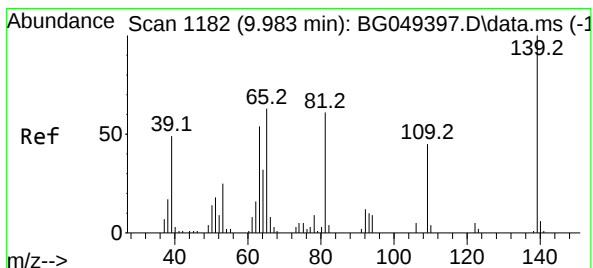
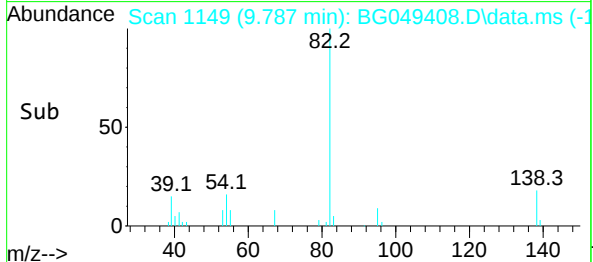
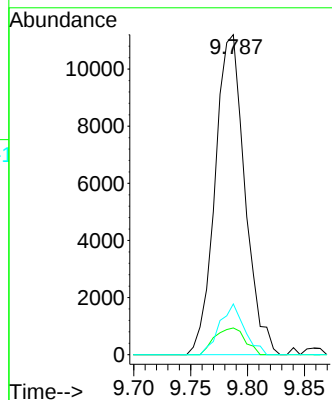
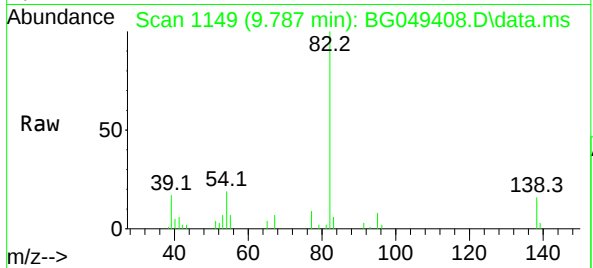




#25
Isophorone
Concen: 4.826 ng
RT: 9.787 min Scan# 1149
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

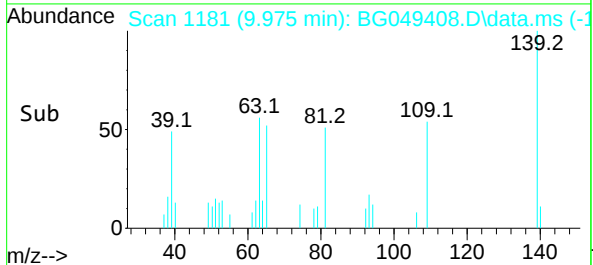
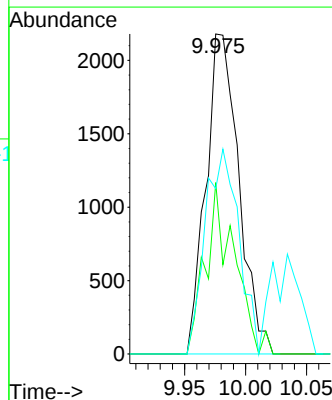
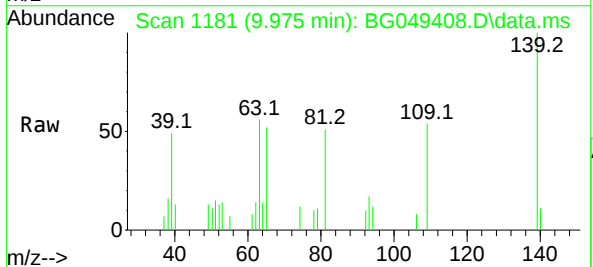
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

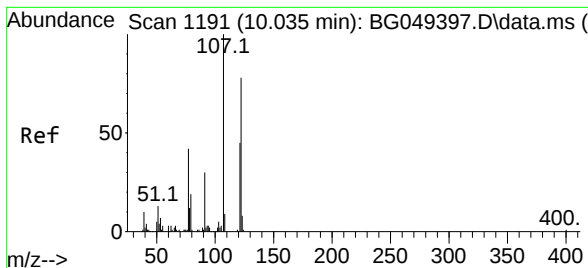
Tgt Ion: 82 Resp: 20376
Ion Ratio Lower Upper
82 100
95 8.4 8.5 12.7#
138 15.9 11.8 17.6



#26
2-Nitrophenol
Concen: 4.507 ng
RT: 9.975 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 139 Resp: 4094
Ion Ratio Lower Upper
139 100
109 53.6 37.8 56.6
65 51.7 51.8 77.8#

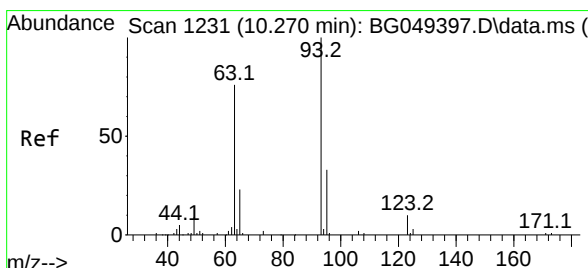
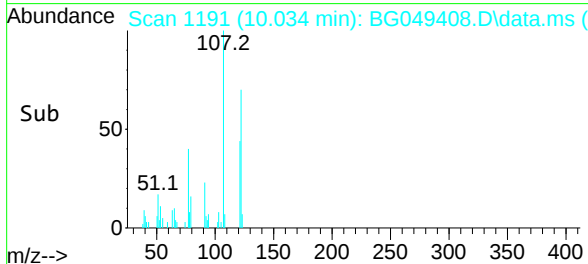
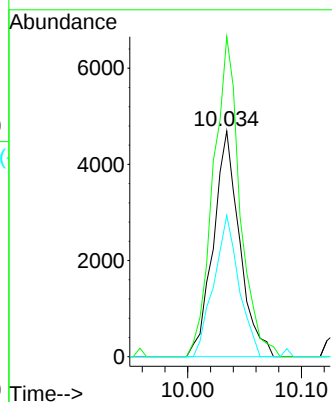
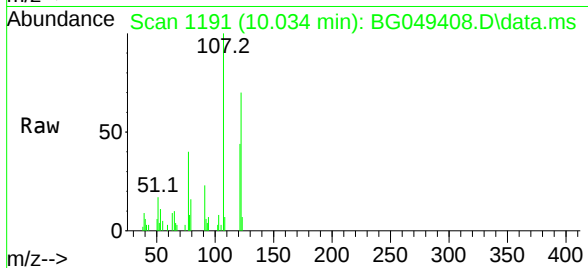




#27
2,4-Dimethylphenol
Concen: 5.192 ng
RT: 10.034 min Scan# 1191
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

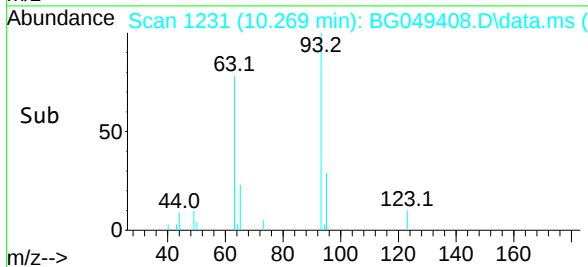
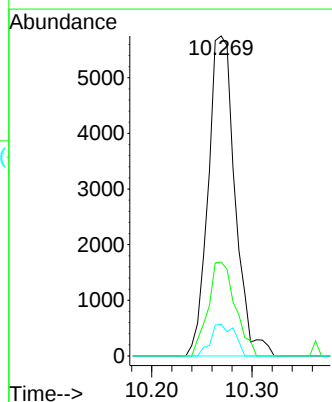
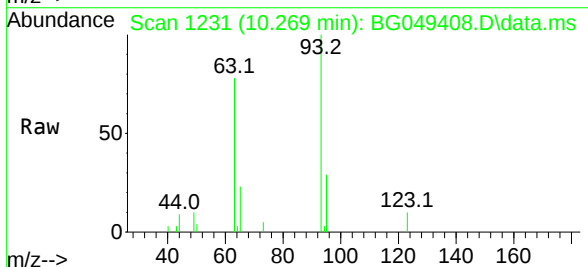
Instrument :
BNA_G
ClientSampleId :
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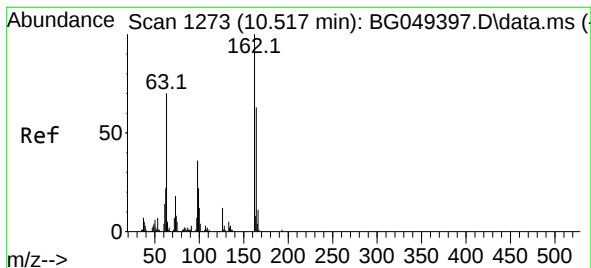
Tgt Ion:122 Resp: 7540
Ion Ratio Lower Upper
122 100
107 141.8 110.1 165.1
121 62.6 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 5.671 ng
RT: 10.269 min Scan# 1231
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 93 Resp: 10682
Ion Ratio Lower Upper
93 100
95 29.4 22.2 33.4
123 9.9 8.8 13.2

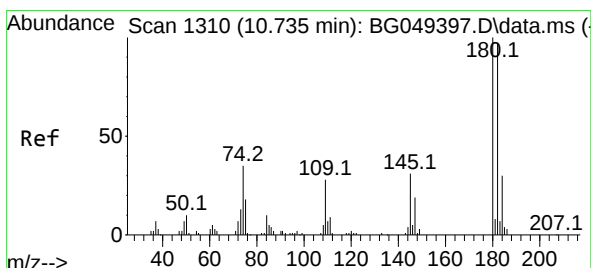
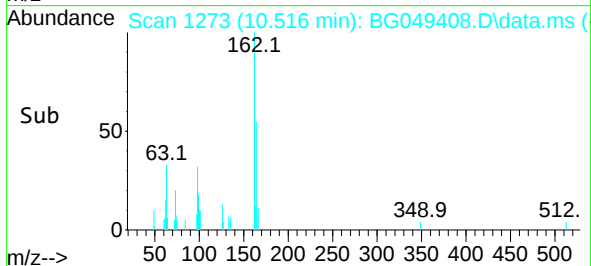
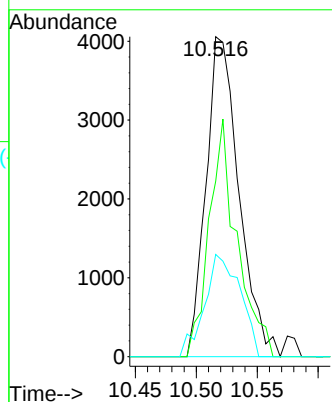
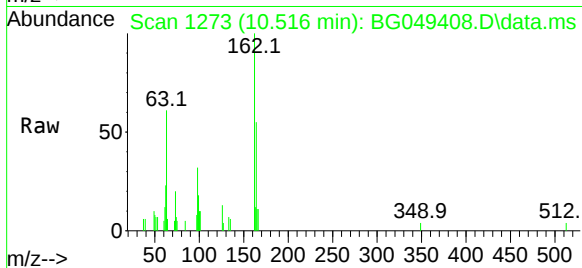




#29
2,4-Dichlorophenol
Concen: 4.528 ng
RT: 10.516 min Scan# 1273
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

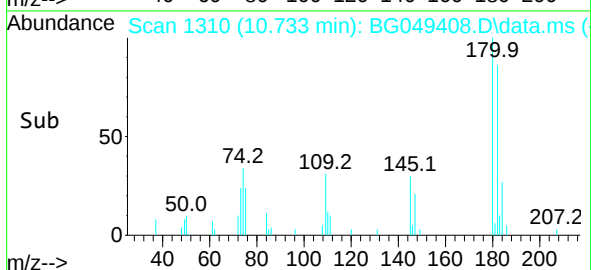
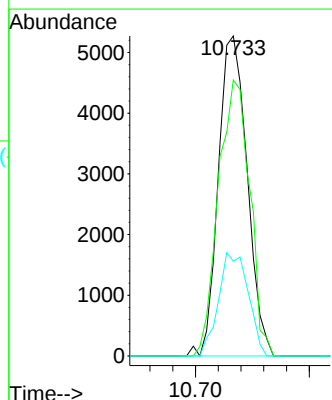
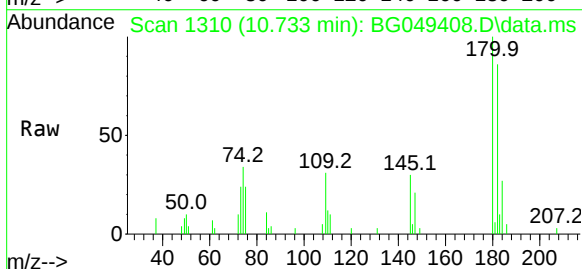
Instrument :
BNA_G
ClientSampleId :
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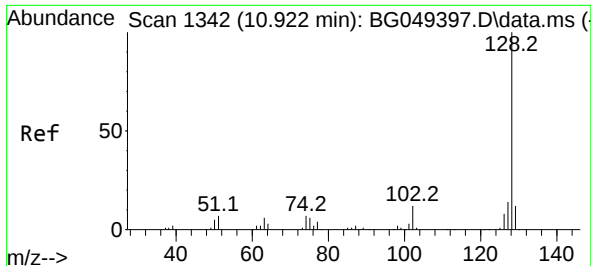
Tgt Ion:	162	Resp:	7625
Ion Ratio	Lower	Upper	
162	100		
164	54.9	39.4	79.4
98	32.0	18.7	58.7



#30
1,2,4-Trichlorobenzene
Concen: 4.867 ng
RT: 10.733 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

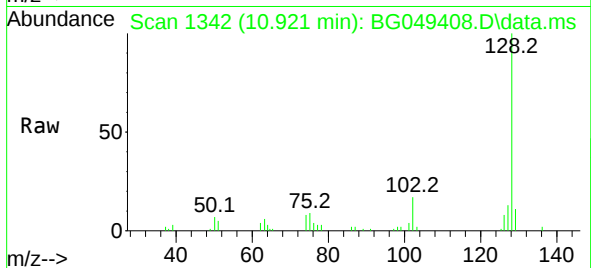
Tgt Ion:	180	Resp:	9256
Ion Ratio	Lower	Upper	
180	100		
182	86.2	78.9	118.3
145	29.6	26.2	39.4



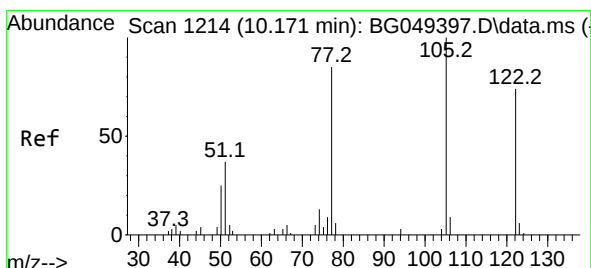
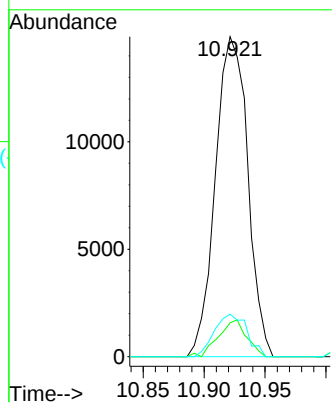
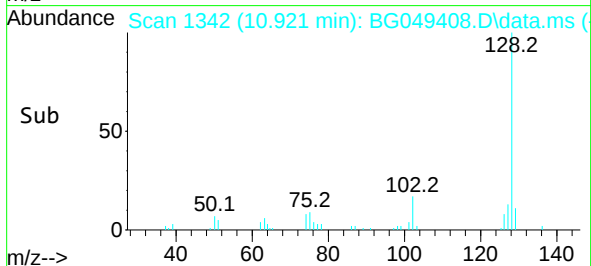


#31
Naphthalene
Concen: 4.881 ng
RT: 10.921 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

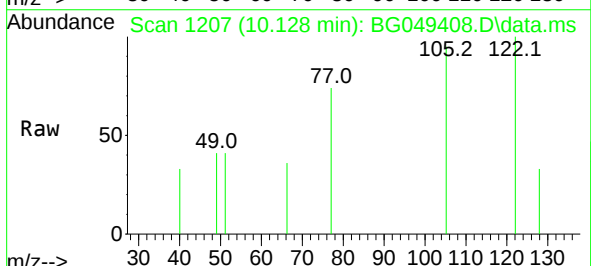
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



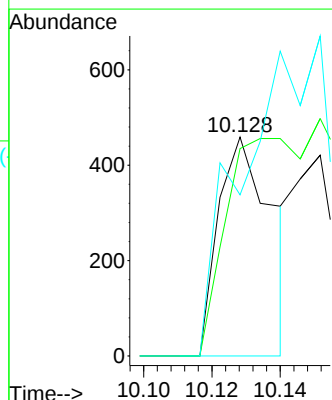
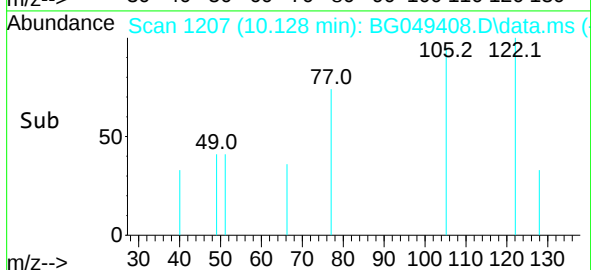
Tgt Ion:128 Resp: 27480
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.3 10.2 15.4

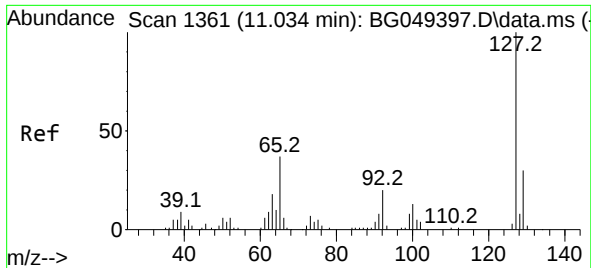


#32
Benzoic acid
Concen: 0.527 ng
RT: 10.128 min Scan# 1207
Delta R.T. -0.043 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



Tgt Ion:122 Resp: 503
Ion Ratio Lower Upper
122 100
105 94.8 92.3 132.3
77 73.6 66.5 106.5

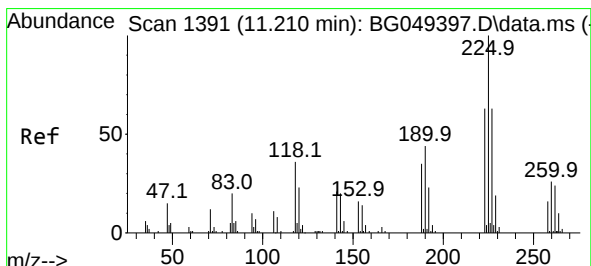
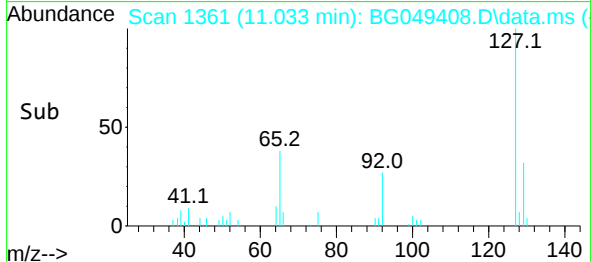
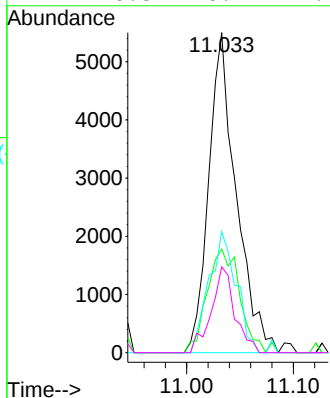
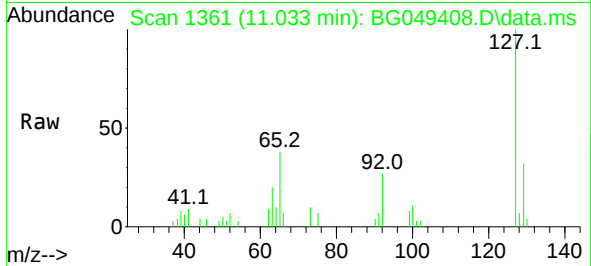




#33
4-Chloroaniline
Concen: 4.577 ng
RT: 11.033 min Scan# 1361
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

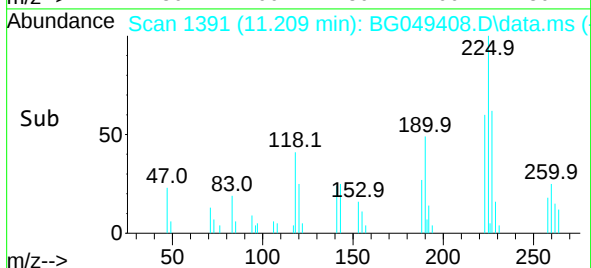
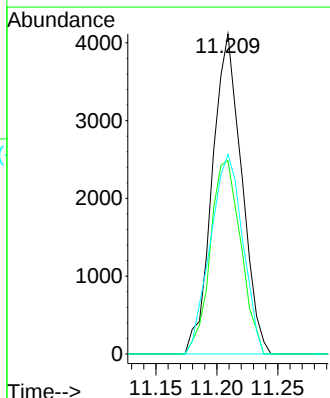
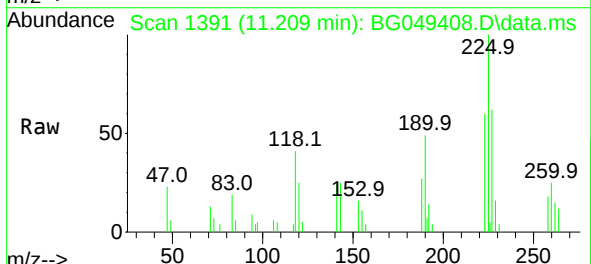
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

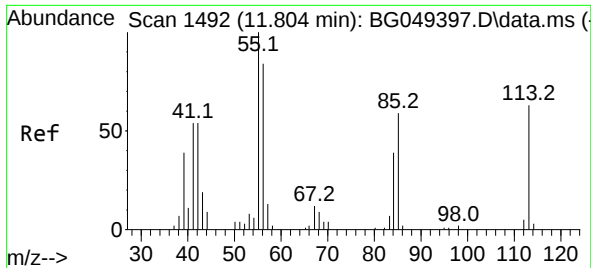
Tgt Ion:	127	Resp:	9834
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	37.8	32.8	49.2
92	26.8	16.2	24.4



#34
Hexachlorobutadiene
Concen: 5.064 ng
RT: 11.209 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	225	Resp:	6902
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.8
227	62.4	46.4	69.6

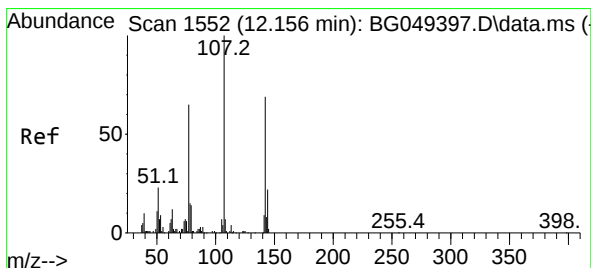
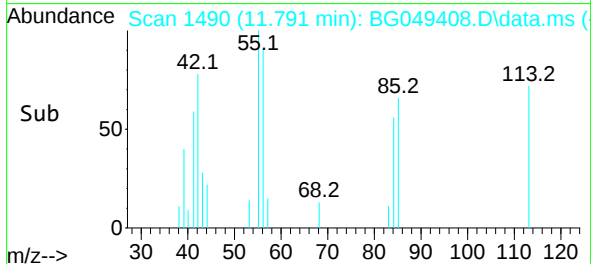
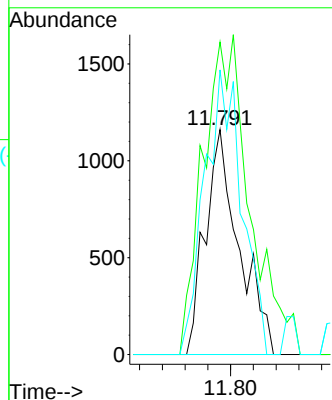
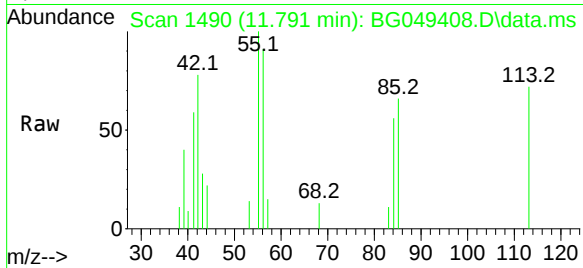




#35
Caprolactam
Concen: 4.568 ng
RT: 11.791 min Scan# 1490
Delta R.T. -0.013 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

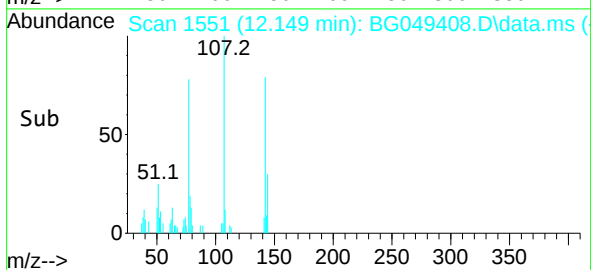
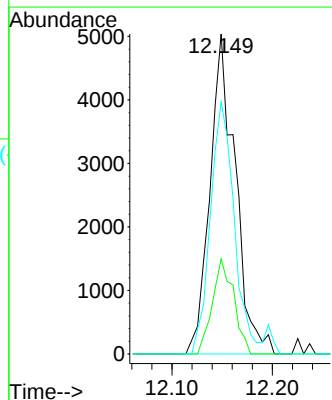
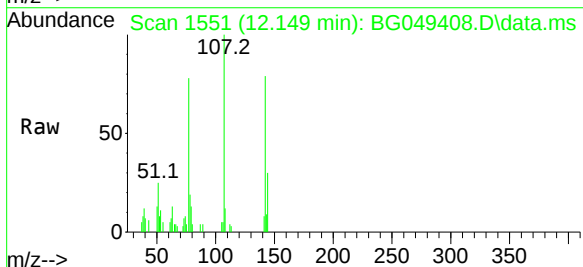
Instrument :
BNA_G
ClientSampleId :
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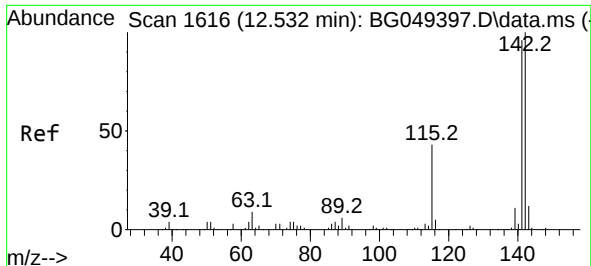
Tgt Ion:	113	Resp:	2389
Ion	Ratio	Lower	Upper
113	100		
55	138.9	113.8	153.8
56	126.5	105.6	145.6



#36
4-Chloro-3-methylphenol
Concen: 4.438 ng
RT: 12.149 min Scan# 1551
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	107	Resp:	8815
Ion	Ratio	Lower	Upper
107	100		
144	29.7	24.8	37.2
142	78.7	62.2	93.4

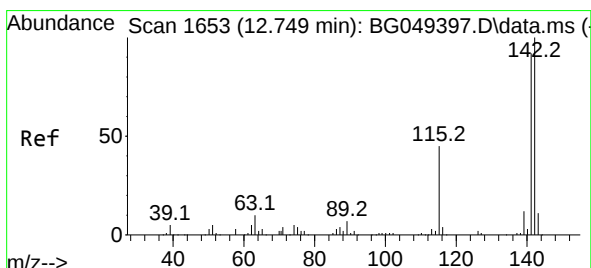
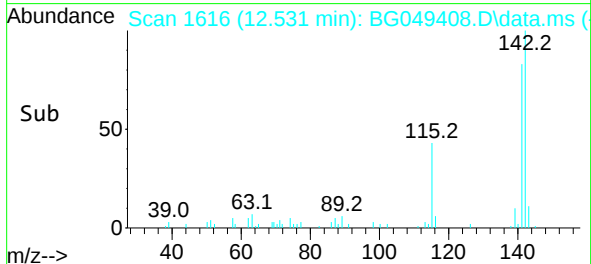
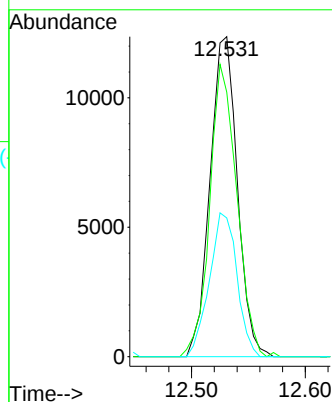
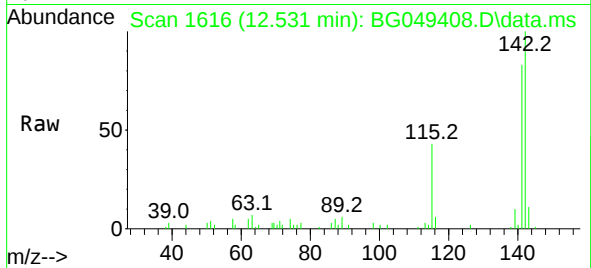




#37
2-Methylnaphthalene
Concen: 5.022 ng
RT: 12.531 min Scan# 1616
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

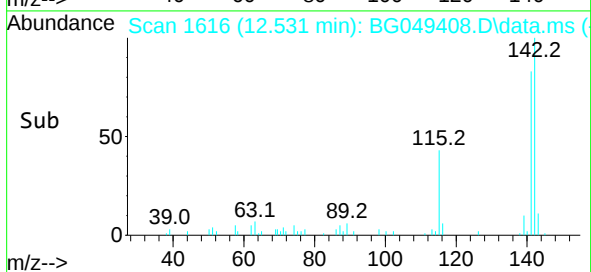
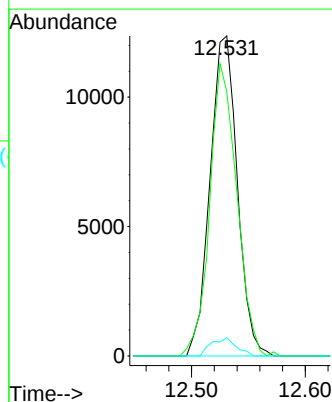
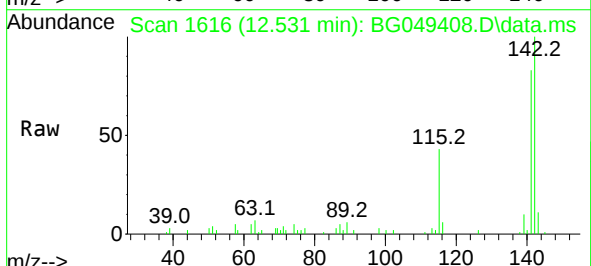
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

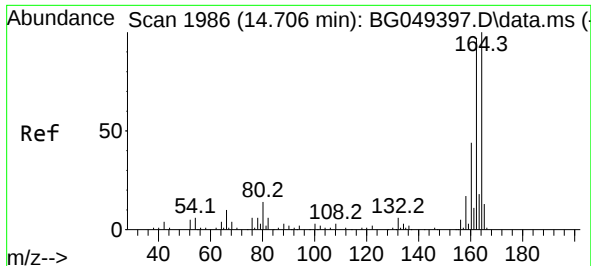
Tgt Ion:142 Resp: 20636
Ion Ratio Lower Upper
142 100
141 82.6 68.8 103.2
115 43.4 36.4 54.6



#38
1-Methylnaphthalene
Concen: 5.252 ng
RT: 12.531 min Scan# 1616
Delta R.T. -0.219 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:142 Resp: 20636
Ion Ratio Lower Upper
142 100
141 82.6 70.6 106.0
116 5.7 4.0 6.0

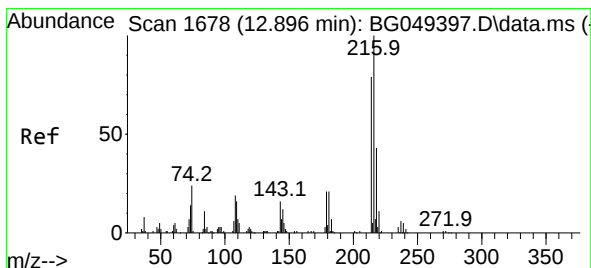
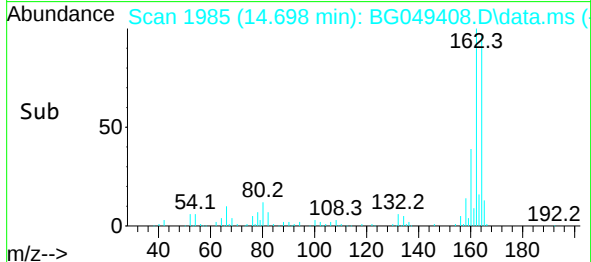
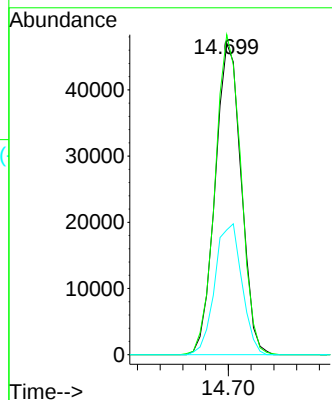
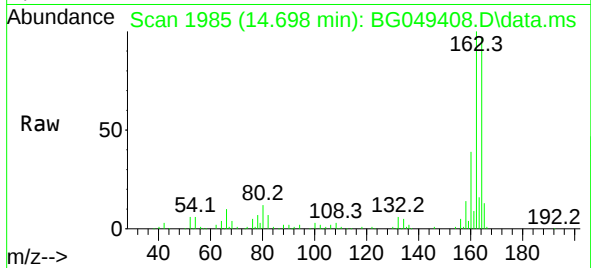




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1985
Delta R.T. -0.008 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

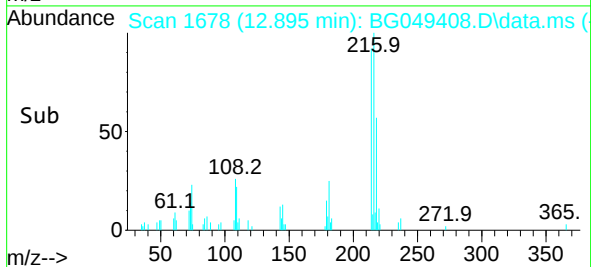
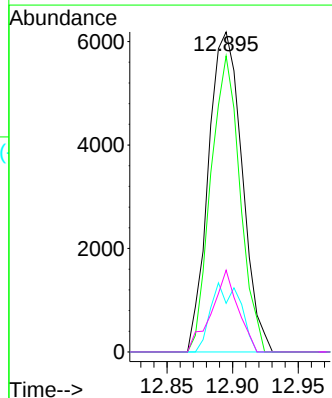
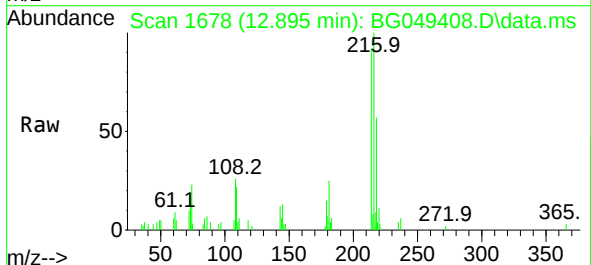
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

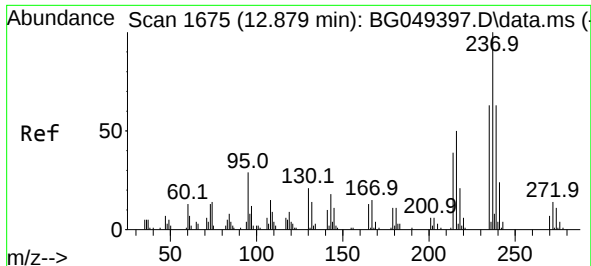
Tgt Ion:164 Resp: 74725
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 40.1 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.989 ng
RT: 12.895 min Scan# 1678
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

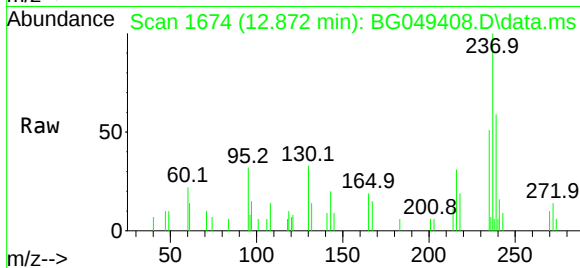
Tgt Ion:216 Resp: 11025
Ion Ratio Lower Upper
216 100
214 80.3 61.4 92.2
179 18.7 17.3 25.9
108 20.1 16.3 24.5



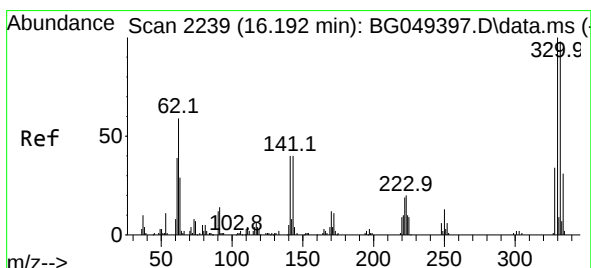
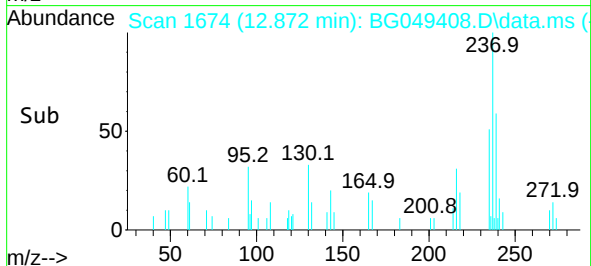
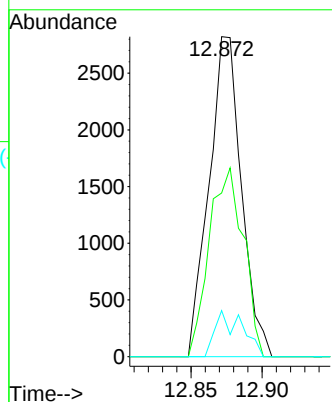


#41
Hexachlorocyclopentadiene
Concen: 4.537 ng
RT: 12.872 min Scan# 1674
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

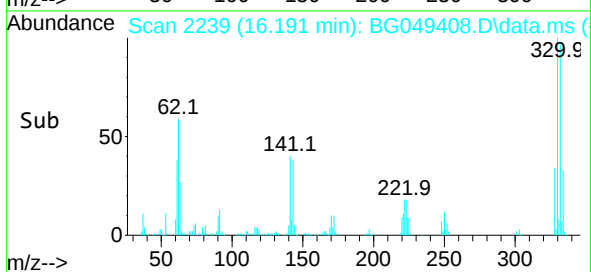
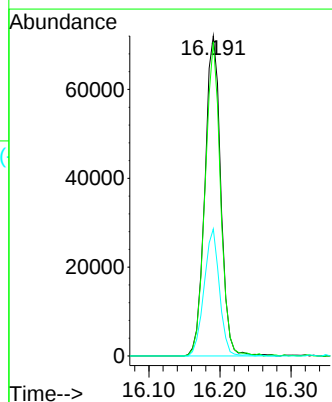
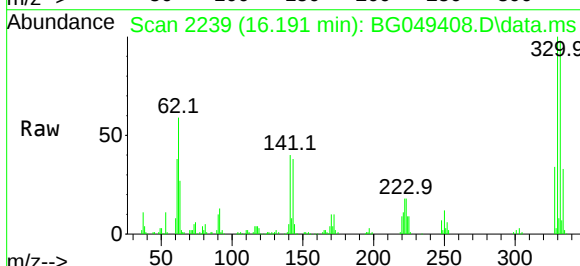


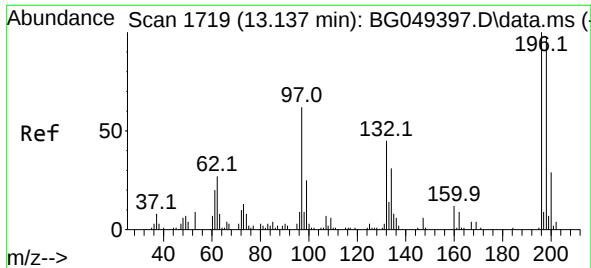
Tgt Ion:	237	Resp:	4475
Ion	Ratio	Lower	Upper
237	100		
235	51.1	36.6	76.6
272	14.4	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 111.792 ng
RT: 16.191 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	330	Resp:	111871
Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	38.3	35.6	53.4

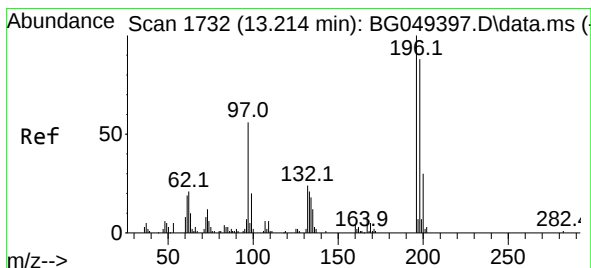
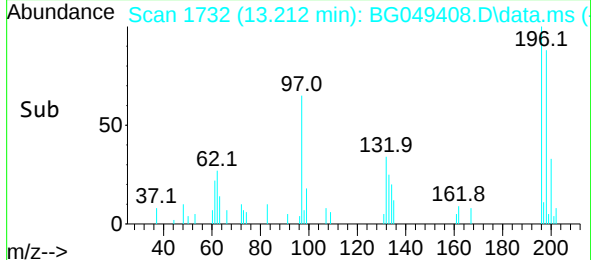
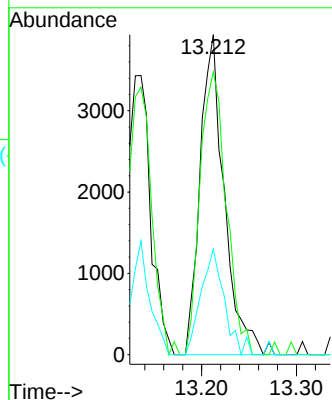
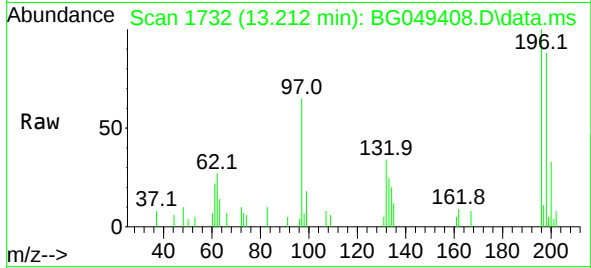




#43
2,4,6-Trichlorophenol
Concen: 4.854 ng
RT: 13.212 min Scan# 1732
Delta R.T. 0.075 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

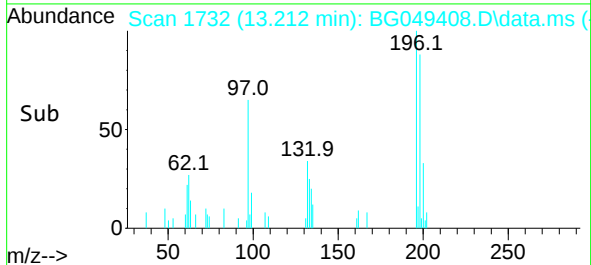
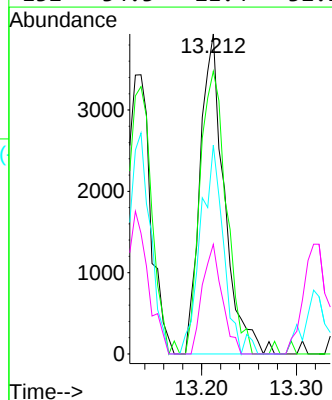
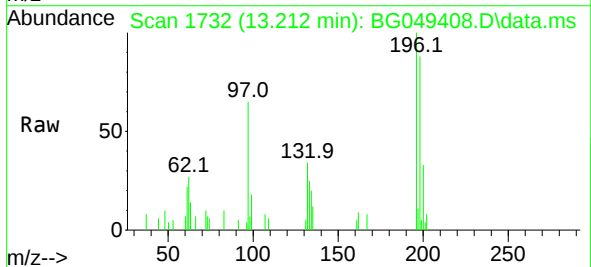
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

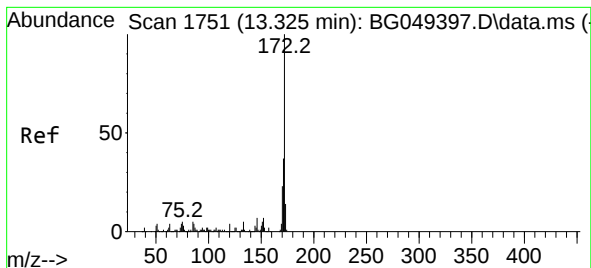
Tgt Ion:196 Resp: 6996
Ion Ratio Lower Upper
196 100
198 88.4 82.1 123.1
200 33.0 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 4.487 ng
RT: 13.212 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:196 Resp: 6996
Ion Ratio Lower Upper
196 100
198 88.4 87.4 131.0
97 65.3 43.3 64.9#
132 34.3 21.4 32.2#

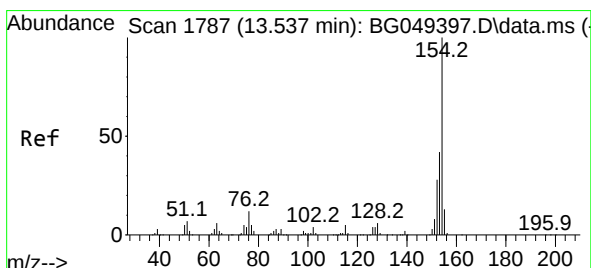
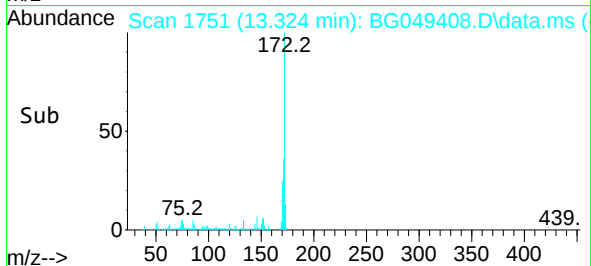
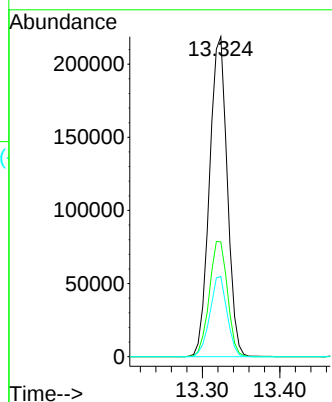
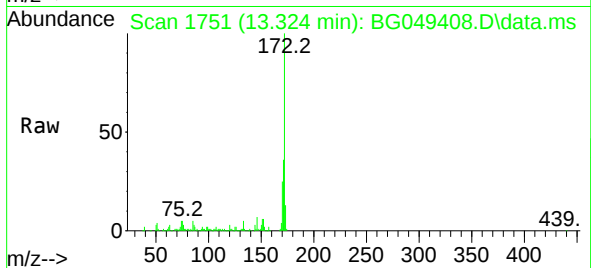




#45
2-Fluorobiphenyl
Concen: 67.122 ng
RT: 13.324 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

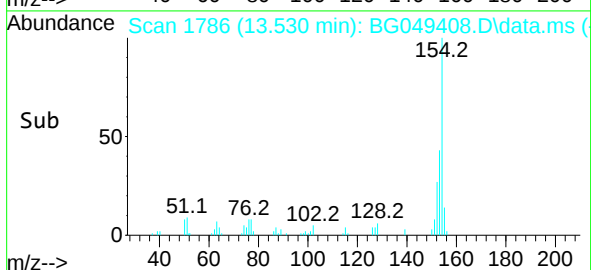
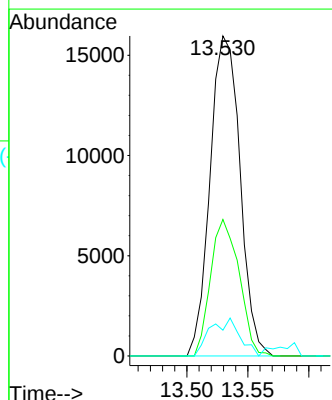
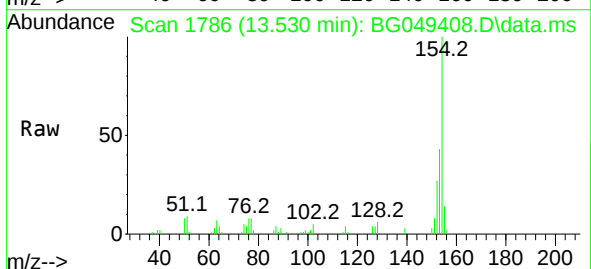
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

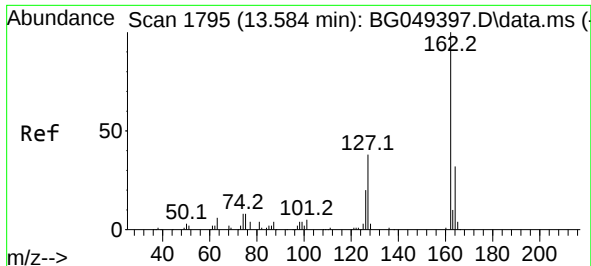
Tgt Ion:172	Resp: 348574
Ion Ratio	Lower Upper
172 100	
171 35.8	28.6 43.0
170 25.1	18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.977 ng
RT: 13.530 min Scan# 1786
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:154	Resp: 27267
Ion Ratio	Lower Upper
154 100	
153 42.7	20.5 60.5
76 8.0	0.0 29.3

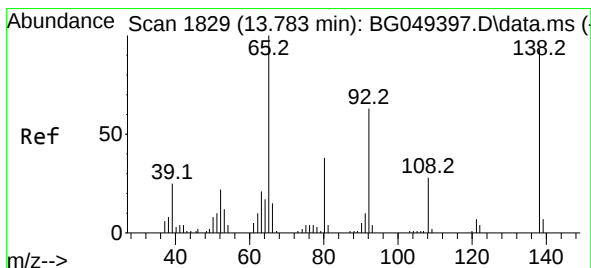
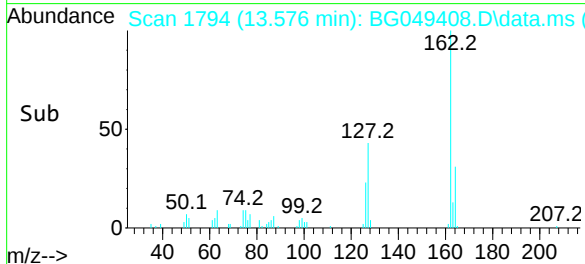
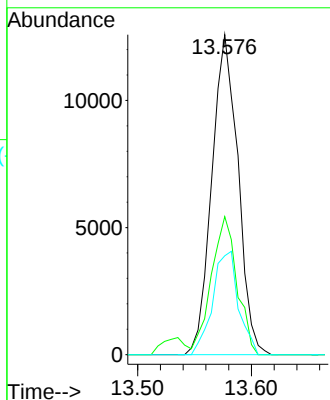
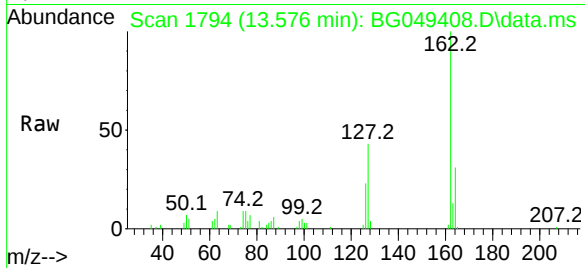




#47
2-Chloronaphthalene
Concen: 4.771 ng
RT: 13.576 min Scan# 1794
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

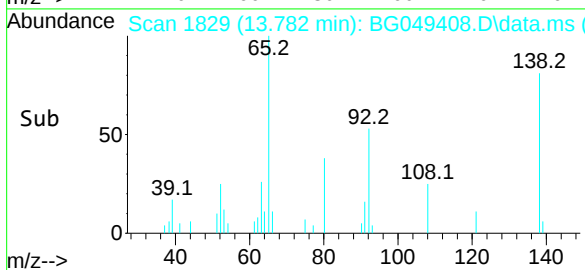
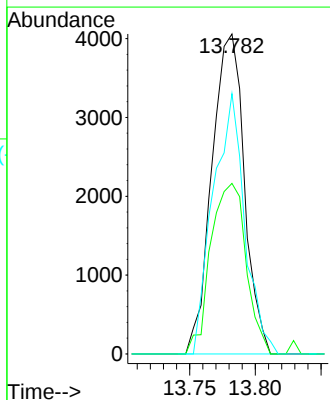
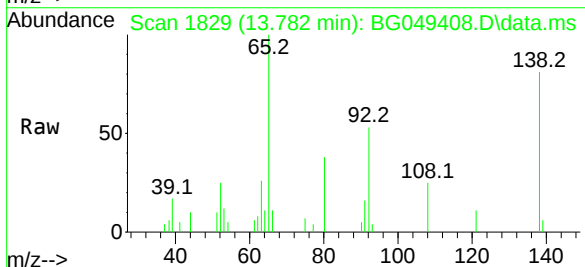
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

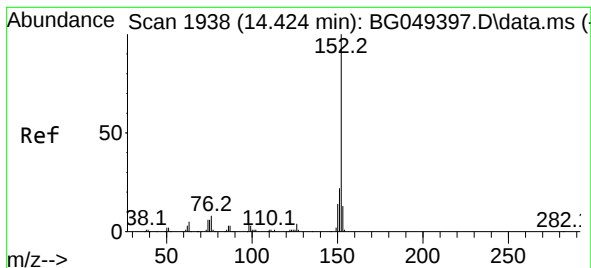
Tgt Ion:	162	Resp:	20076
Ion Ratio	Lower	Upper	
162	100		
127	43.2	32.7	49.1
164	30.9	27.0	40.4



#48
2-Nitroaniline
Concen: 4.765 ng
RT: 13.782 min Scan# 1829
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	65	Resp:	6977
Ion Ratio	Lower	Upper	
65	100		
92	53.3	47.2	70.8
138	81.4	68.0	102.0

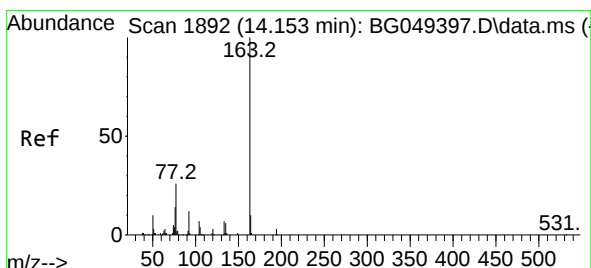
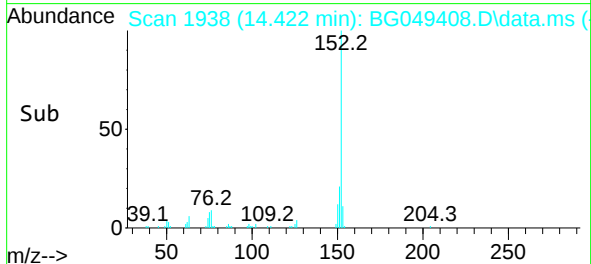
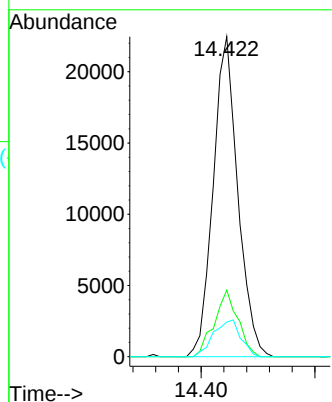
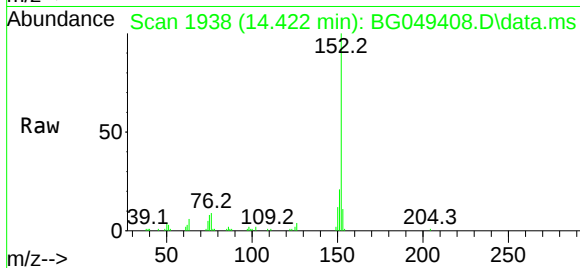




#49
Acenaphthylene
Concen: 4.941 ng
RT: 14.422 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

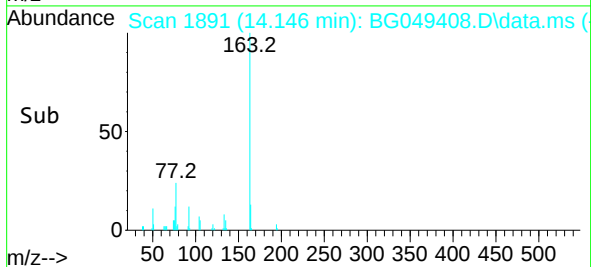
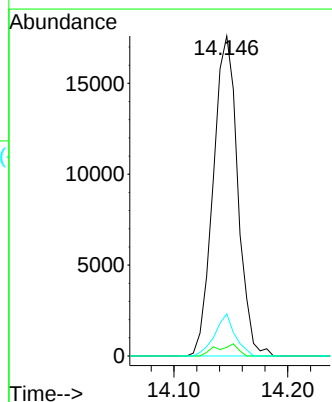
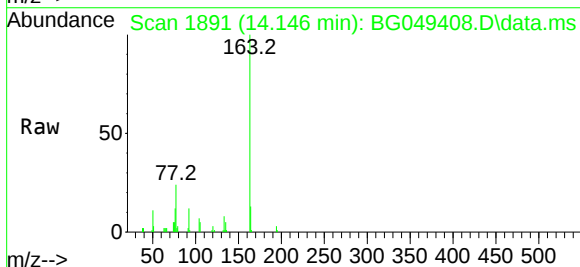
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

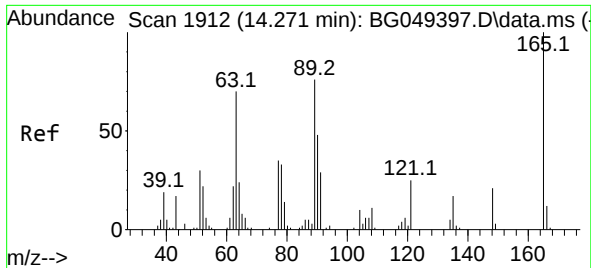
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.2	27.4
153	10.8	11.7	17.5#



#50
Dimethylphthalate
Concen: 4.856 ng
RT: 14.146 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.0	4.6#
164	13.2	8.6	12.8#

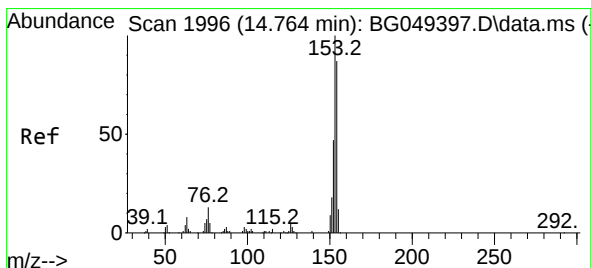
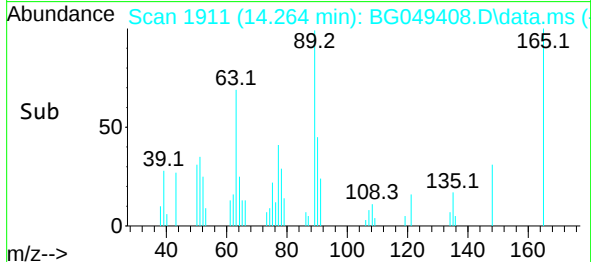
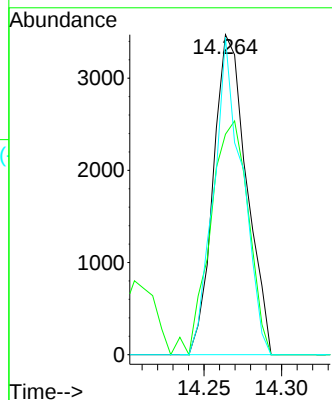
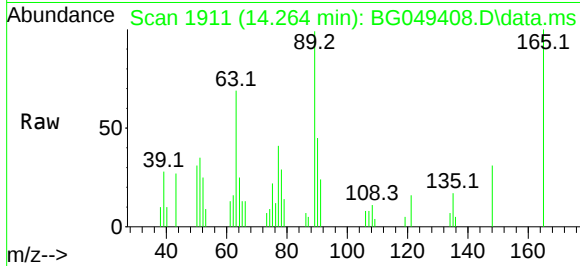




#51
2,6-Dinitrotoluene
Concen: 4.389 ng
RT: 14.264 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

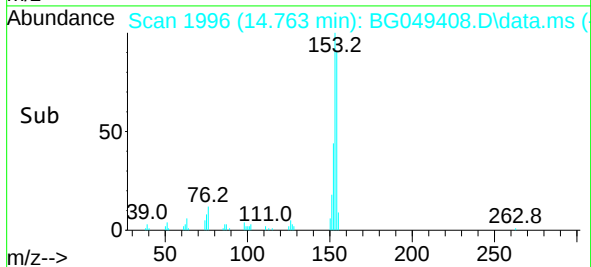
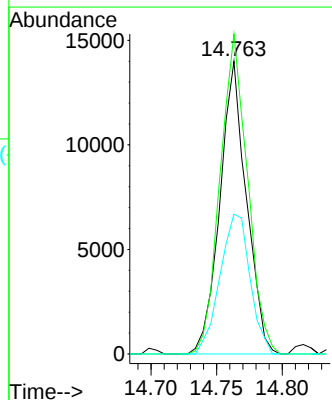
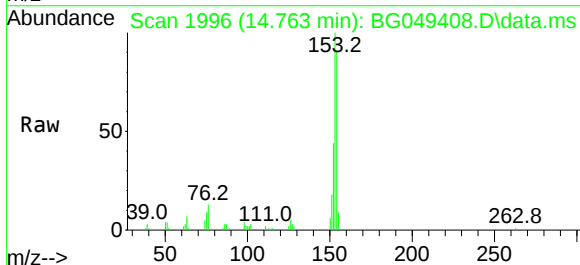
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

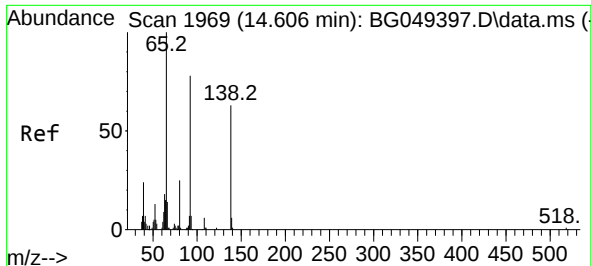
Tgt Ion:165 Resp: 5173
Ion Ratio Lower Upper
165 100
63 68.9 63.3 94.9
89 99.2 63.4 95.0#



#52
Acenaphthene
Concen: 4.779 ng
RT: 14.763 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:154 Resp: 19680
Ion Ratio Lower Upper
154 100
153 109.3 87.0 130.4
152 47.8 40.1 60.1

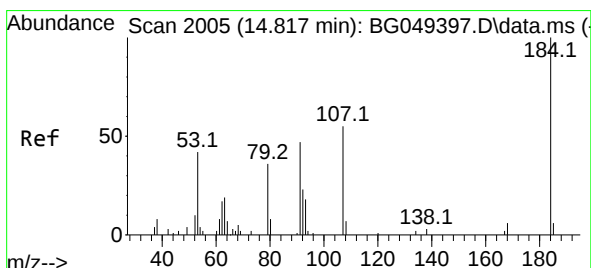
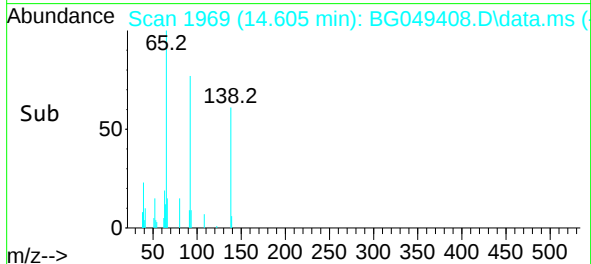
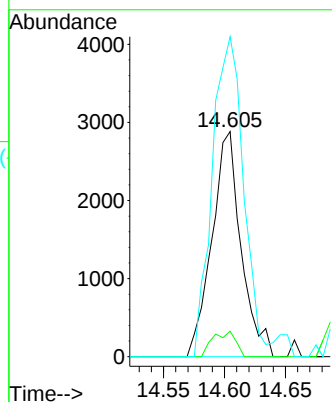
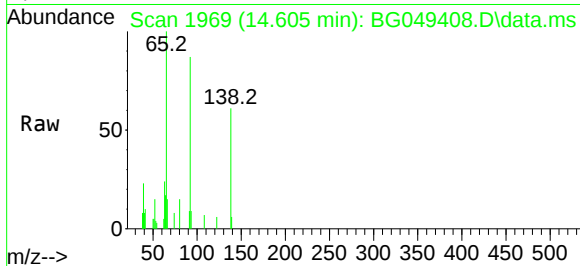




#53
3-Nitroaniline
Concen: 4.062 ng
RT: 14.605 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

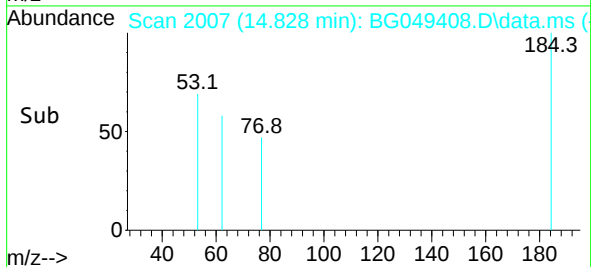
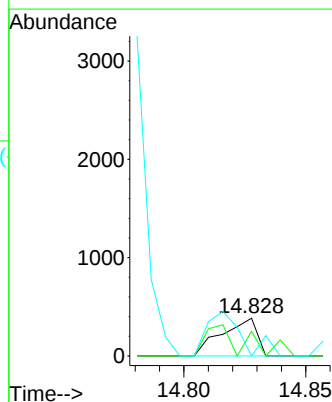
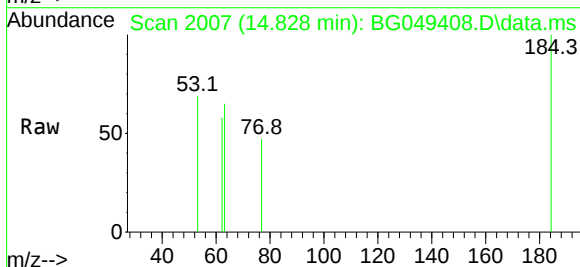
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

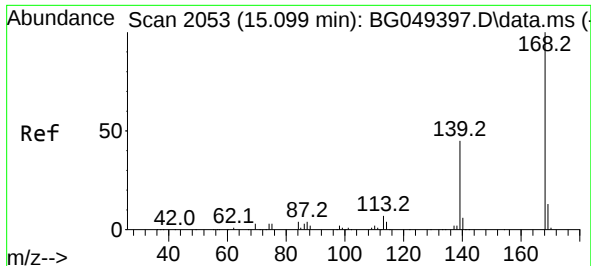
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	142.2	96.4	144.6



#54
2,4-Dinitrophenol
Concen: 0.774 ng
RT: 14.828 min Scan# 2007
Delta R.T. 0.011 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	68.3	102.5#
154	0.0	62.6	93.8#

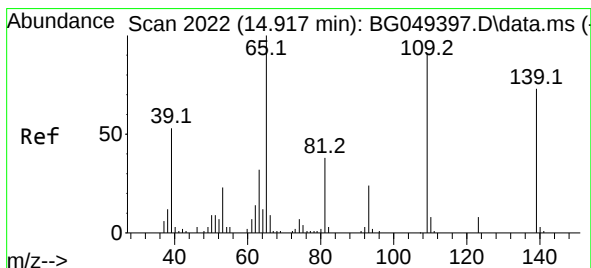
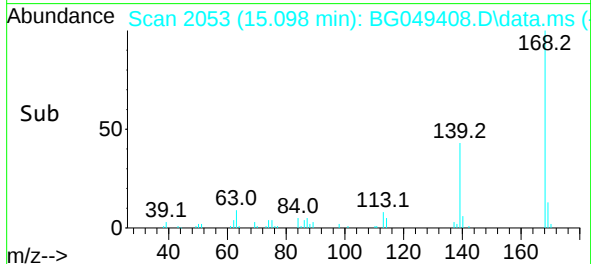
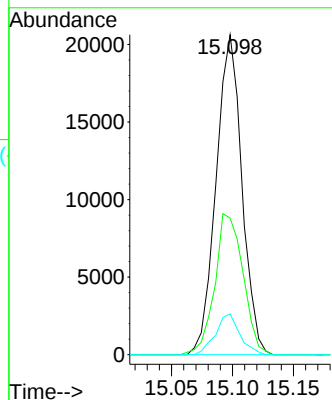
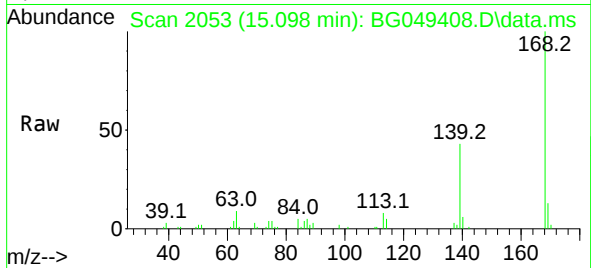




#55
Dibenzenofuran
Concen: 4.592 ng
RT: 15.098 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

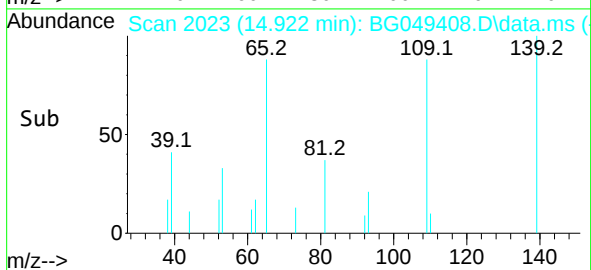
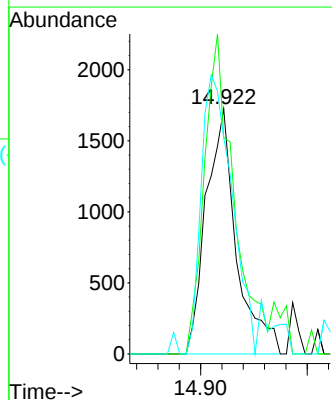
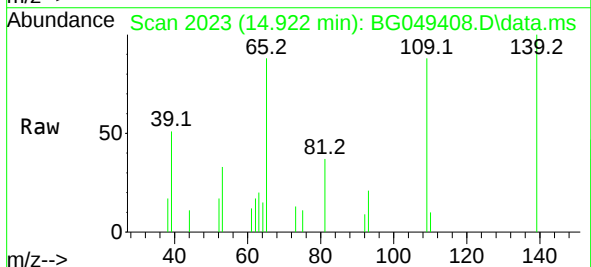
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

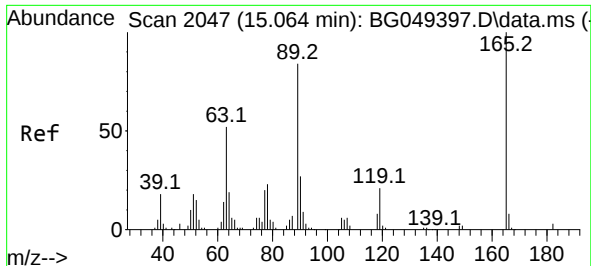
Tgt Ion:168 Resp: 30339
Ion Ratio Lower Upper
168 100
139 42.7 33.4 50.2
169 12.7 12.3 18.5



#56
4-Nitrophenol
Concen: 3.657 ng
RT: 14.922 min Scan# 2023
Delta R.T. 0.005 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:139 Resp: 3409
Ion Ratio Lower Upper
139 100
109 88.2 116.3 156.3#
65 88.2 105.0 145.0#

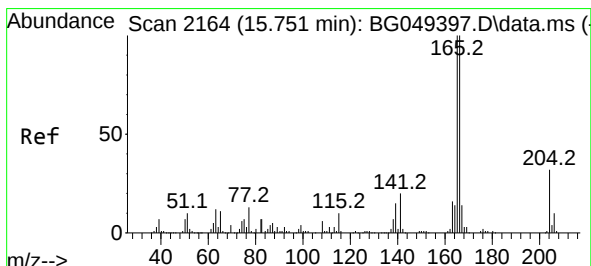
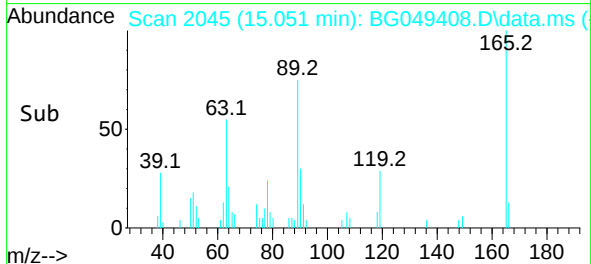
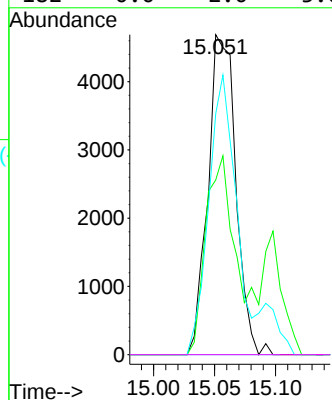
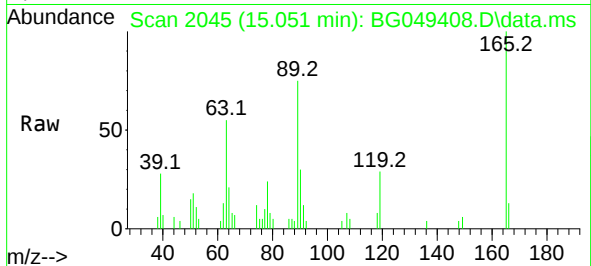




#57
2,4-Dinitrotoluene
Concen: 4.570 ng
RT: 15.051 min Scan# 2045
Delta R.T. -0.013 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

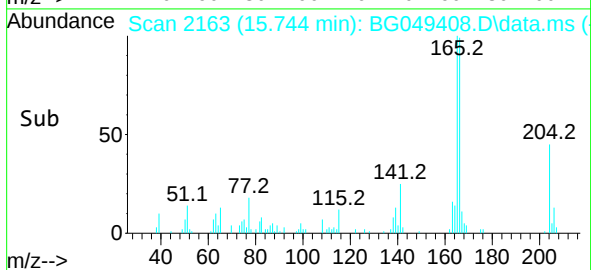
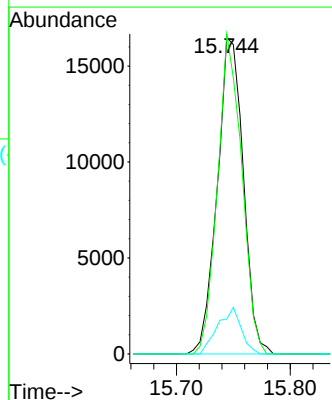
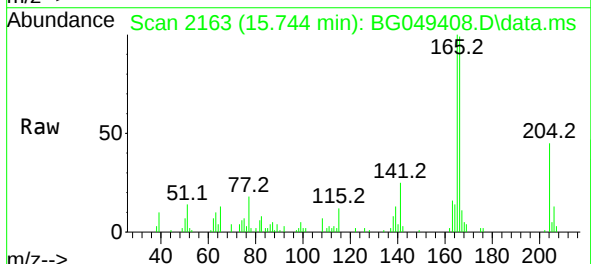
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

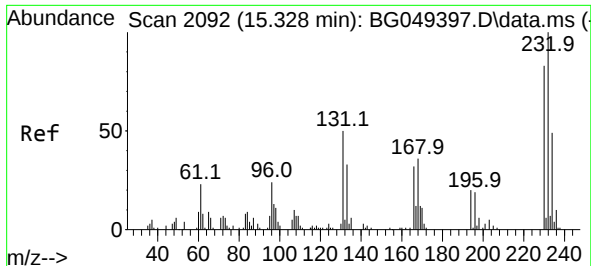
Tgt Ion:165	Resp:	7445
Ion Ratio	Lower	Upper
165	100	
63	54.6	48.0 72.0
89	75.3	65.4 98.0
182	0.0	2.0 3.0#



#58
Fluorene
Concen: 4.898 ng
RT: 15.744 min Scan# 2163
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:166	Resp:	26225
Ion Ratio	Lower	Upper
166	100	
165	101.2	77.7 116.5
167	11.0	10.8 16.2

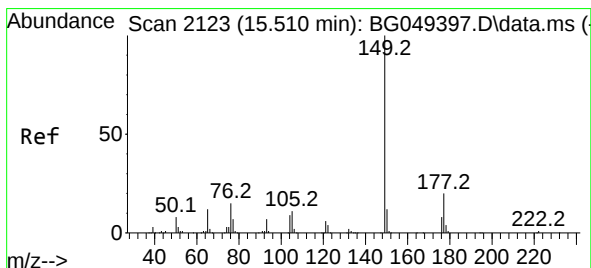
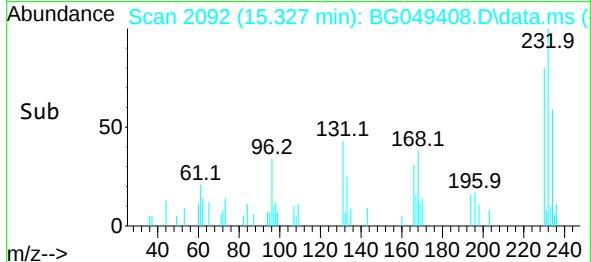
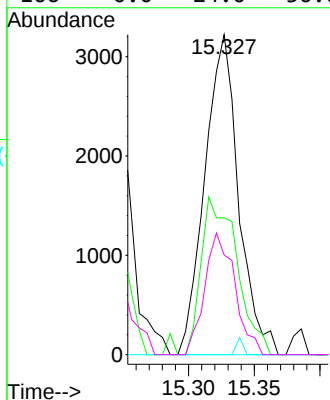
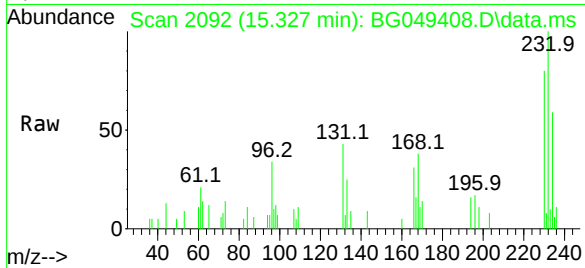




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.043 ng
RT: 15.327 min Scan# 2092
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

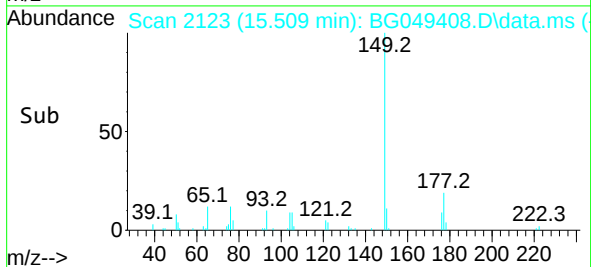
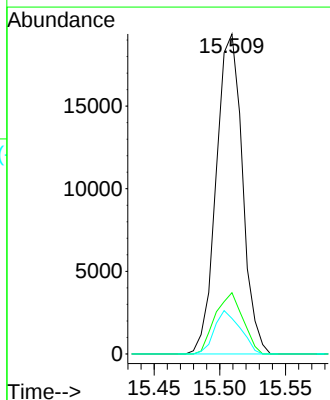
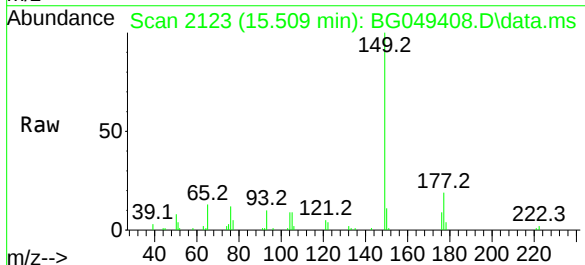
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

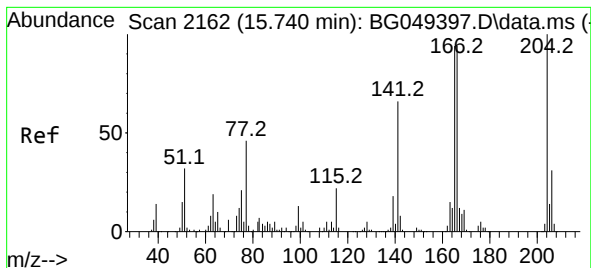
Tgt Ion:232	Resp:	5763
Ion Ratio	Lower	Upper
232	100	
131	0.0	37.2 55.8#
130	1.1	2.8 4.2#
166	0.0	24.0 36.0#



#60
Diethylphthalate
Concen: 4.923 ng
RT: 15.509 min Scan# 2123
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:149	Resp:	26845
Ion Ratio	Lower	Upper
149	100	
177	19.2	19.0 28.6
150	11.1	10.2 15.4

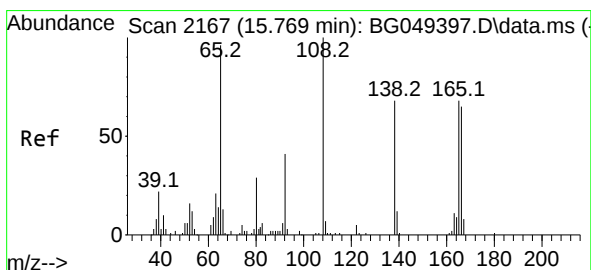
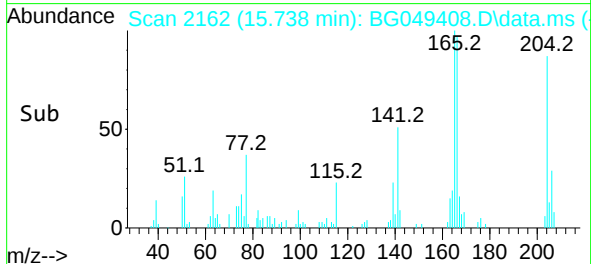
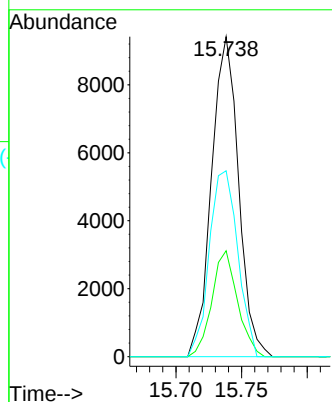
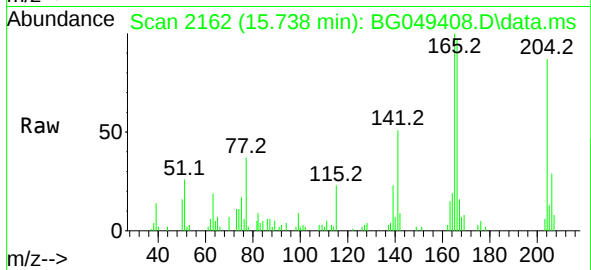




#61
4-Chlorophenyl-phenylether
Concen: 4.939 ng
RT: 15.738 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

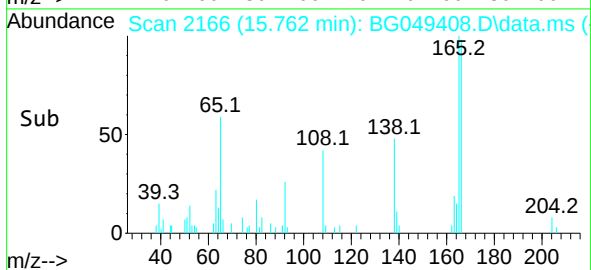
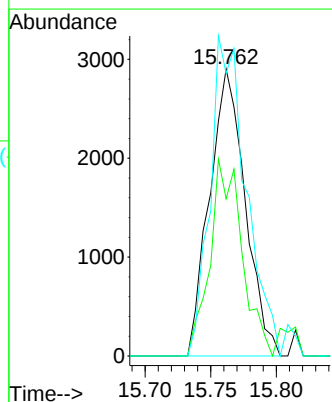
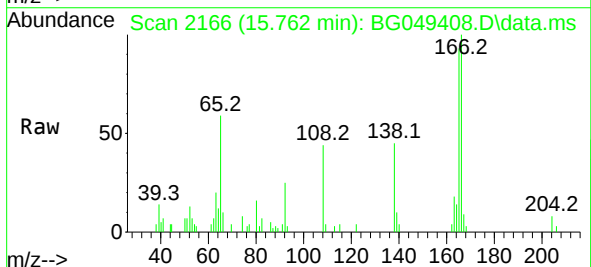
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

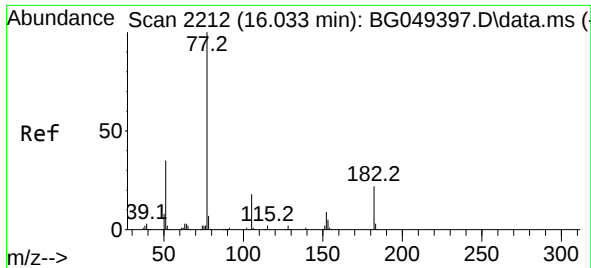
Tgt Ion:204 Resp: 13452
Ion Ratio Lower Upper
204 100
206 33.1 24.6 37.0
141 58.1 47.8 71.8



#62
4-Nitroaniline
Concen: 4.405 ng
RT: 15.762 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:138 Resp: 5479
Ion Ratio Lower Upper
138 100
92 54.8 32.3 72.3
108 98.5 132.4 172.4#

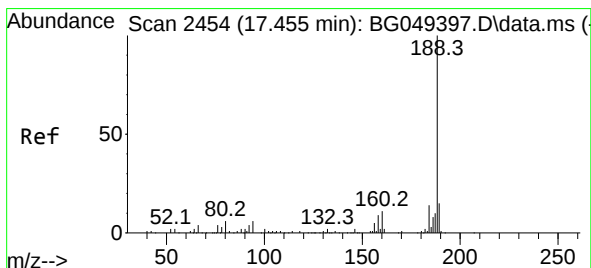
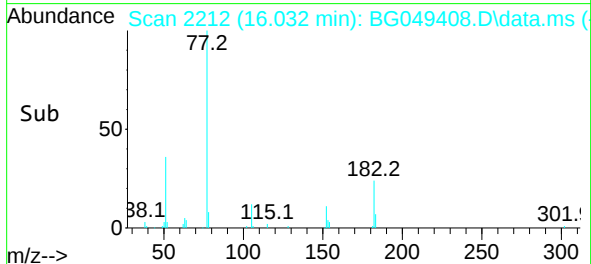
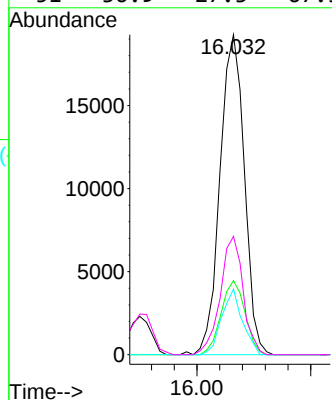
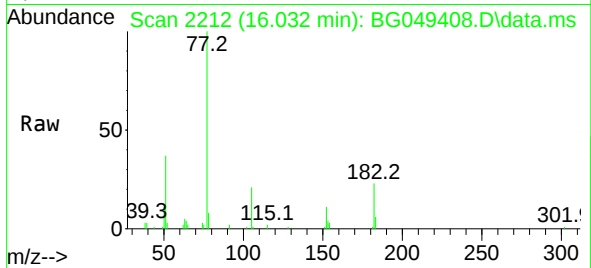




#63
Azobenzene
Concen: 4.743 ng
RT: 16.032 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

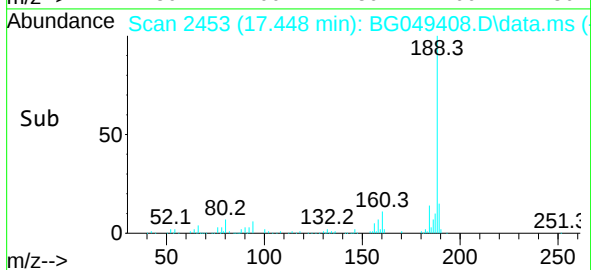
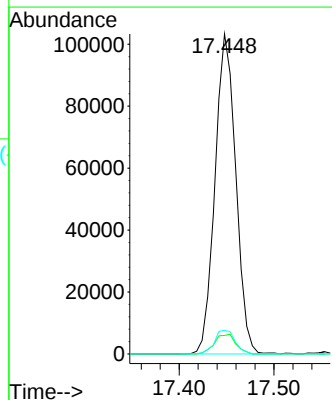
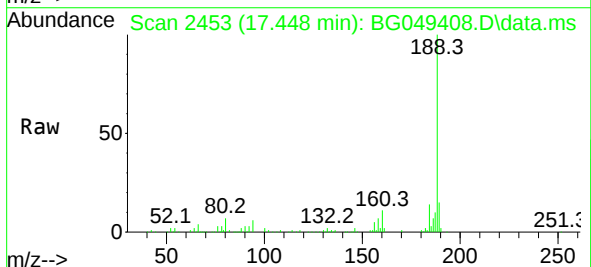
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

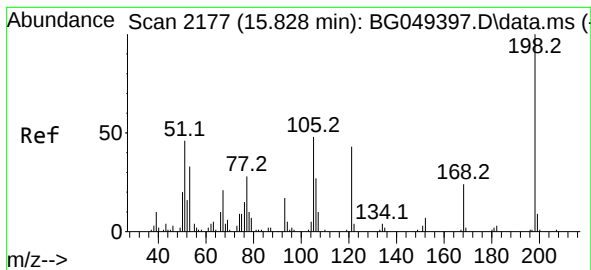
Tgt Ion: 77	Resp: 28640
Ion Ratio	Lower Upper
77 100	
182 23.1	7.9 47.9
105 20.6	0.0 37.9
51 36.9	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 188	Resp: 157237
Ion Ratio	Lower Upper
188 100	
94 5.8	5.4 8.0
80 7.4	3.7 5.5

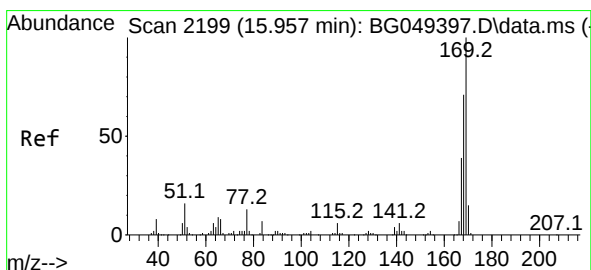
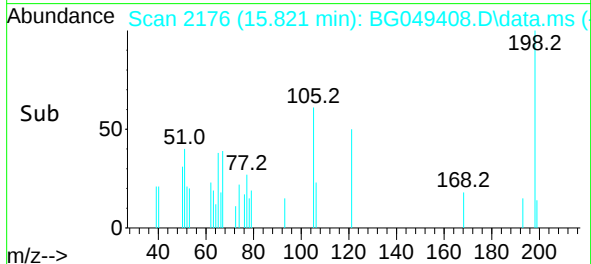
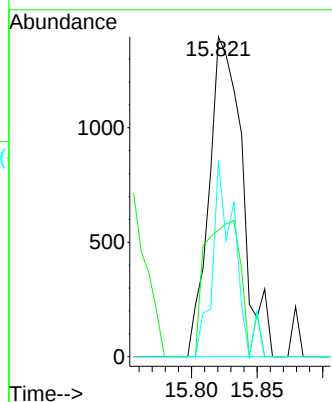
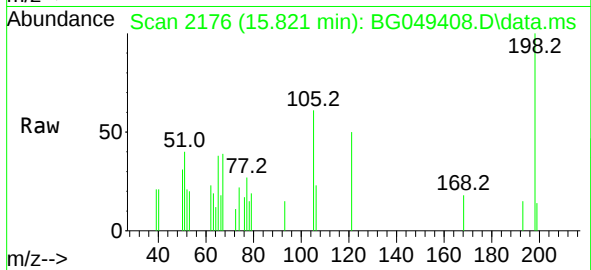




#65
4,6-Dinitro-2-methylphenol
Concen: 2.884 ng
RT: 15.821 min Scan# 2176
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

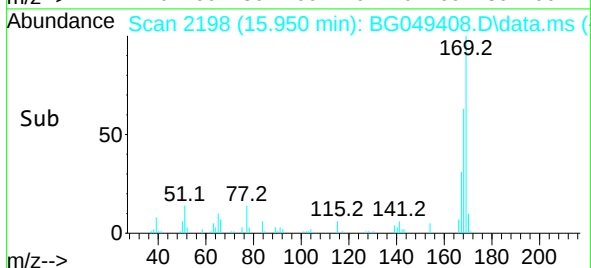
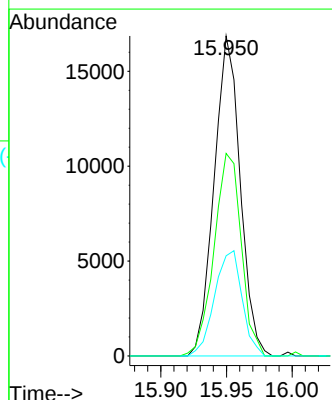
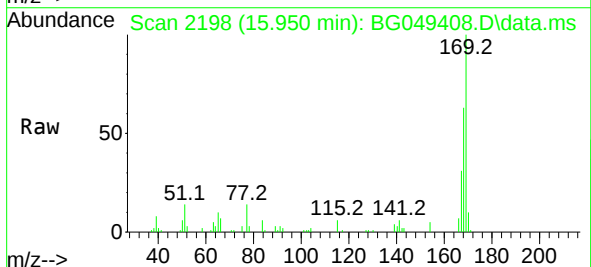
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

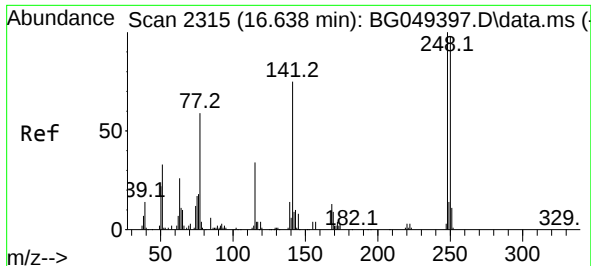
Tgt Ion:198 Resp: 2457
Ion Ratio Lower Upper
198 100
51 39.6 29.4 69.4
105 61.2 15.1 55.1#



#66
n-Nitrosodiphenylamine
Concen: 5.154 ng
RT: 15.950 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:169 Resp: 23276
Ion Ratio Lower Upper
169 100
168 63.3 56.3 84.5
167 31.3 28.4 42.6

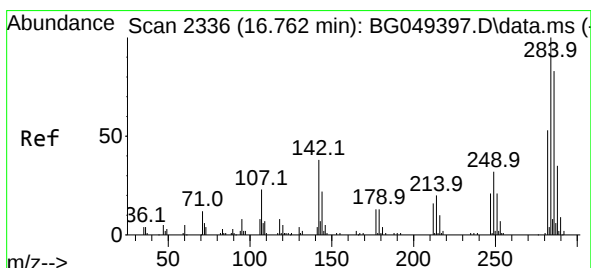
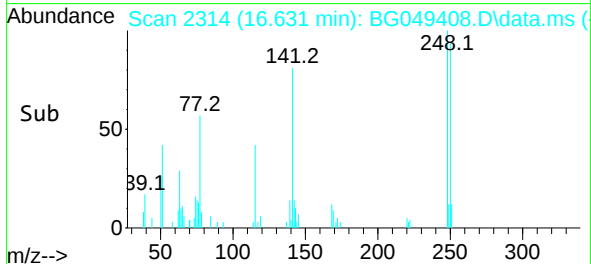
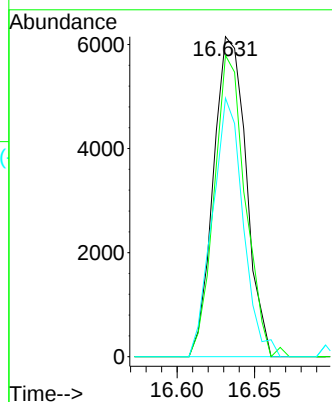
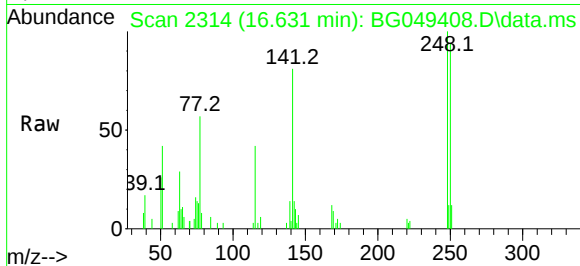




#67
4-Bromophenyl-phenylether
Concen: 5.065 ng
RT: 16.631 min Scan# 2314
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

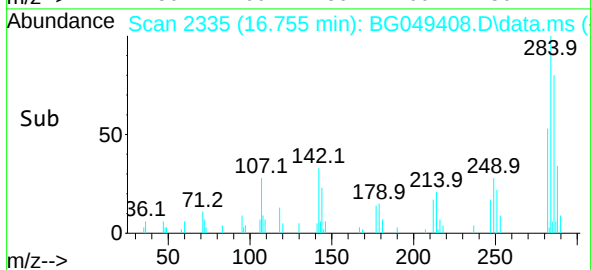
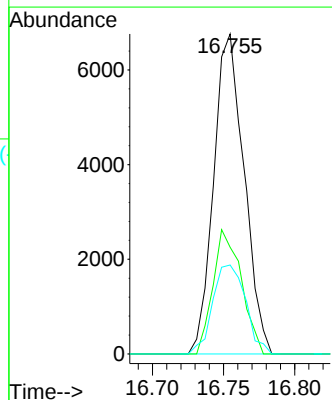
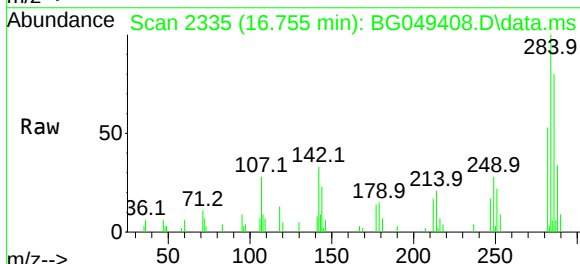
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

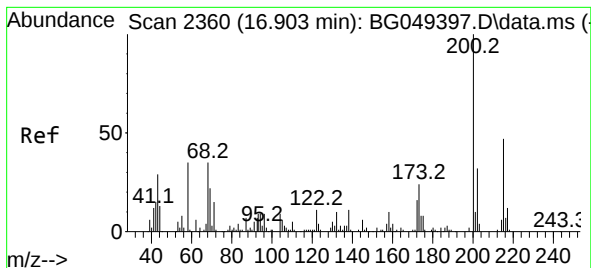
Tgt Ion:248	Resp:	9021
Ion Ratio	Lower	Upper
248	100	
250	94.1	76.1 114.1
141	80.8	65.4 98.2



#68
Hexachlorobenzene
Concen: 4.988 ng
RT: 16.755 min Scan# 2335
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:284	Resp:	10059
Ion Ratio	Lower	Upper
284	100	
142	33.4	27.0 40.6
249	27.8	28.2 42.2#





#69

Atrazine

Concen: 5.331 ng

RT: 16.896 min Scan# 2359

Delta R.T. -0.007 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

Tgt Ion:200 Resp: 9540

Ion Ratio Lower Upper

200 100

173 25.4 3.7 43.7

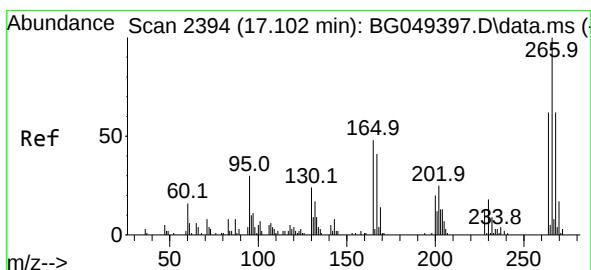
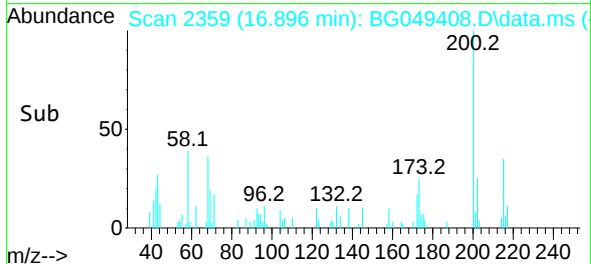
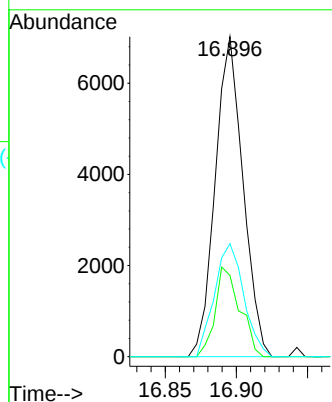
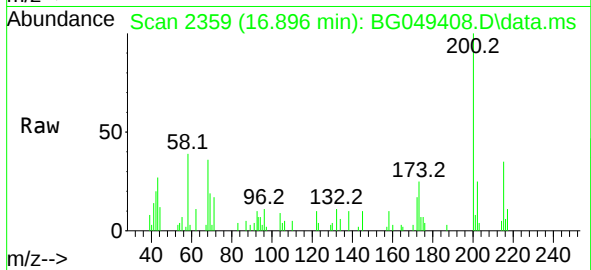
215 35.3 26.9 66.9

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#70

Pentachlorophenol

Concen: 2.121 ng

RT: 17.107 min Scan# 2395

Delta R.T. 0.005 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

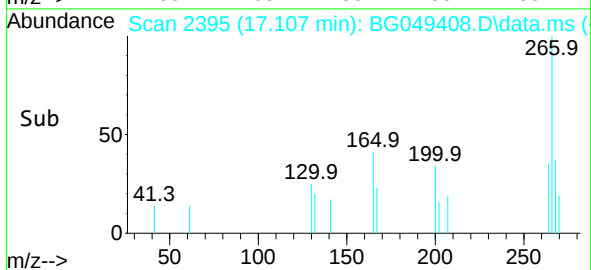
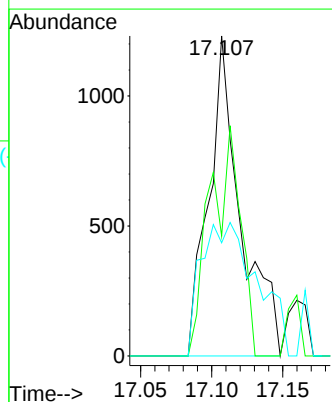
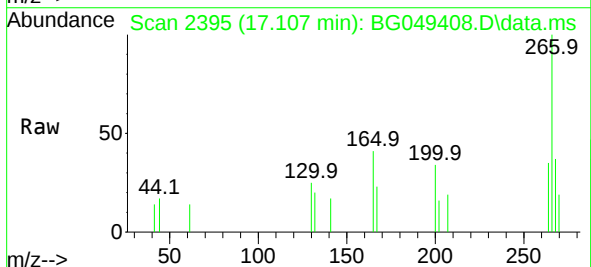
Tgt Ion:266 Resp: 1922

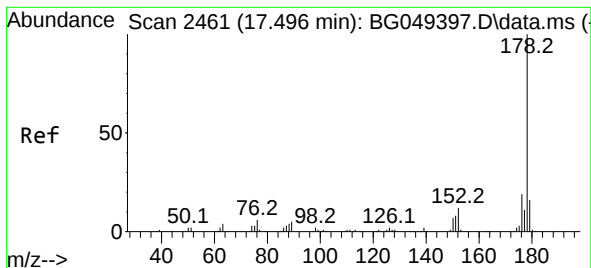
Ion Ratio Lower Upper

266 100

268 37.4 49.0 73.4#

264 35.3 49.0 73.6#

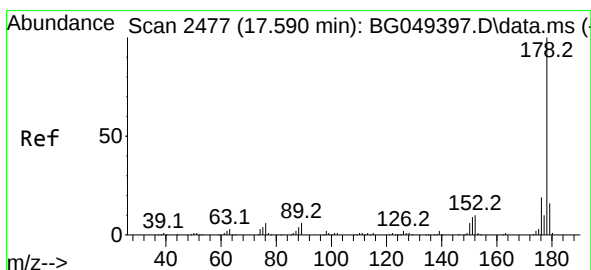
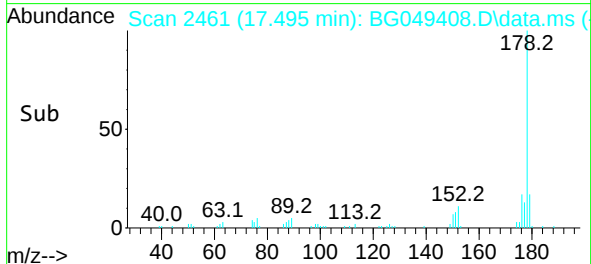
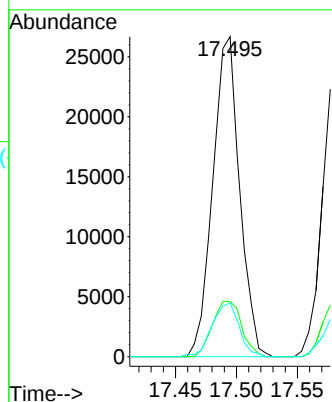
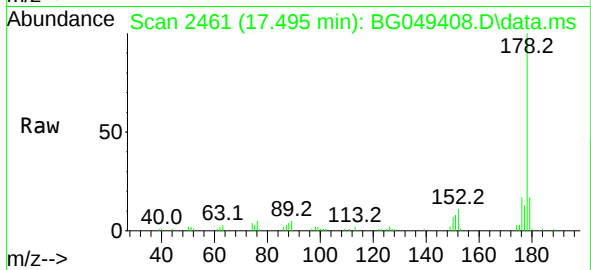




#71
Phenanthrene
Concen: 4.819 ng
RT: 17.495 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

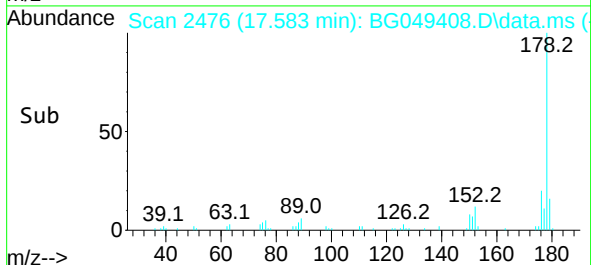
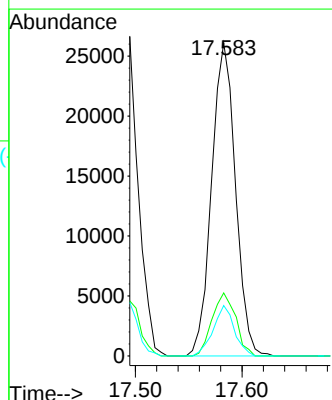
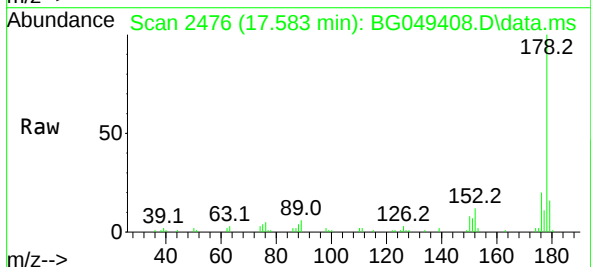
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

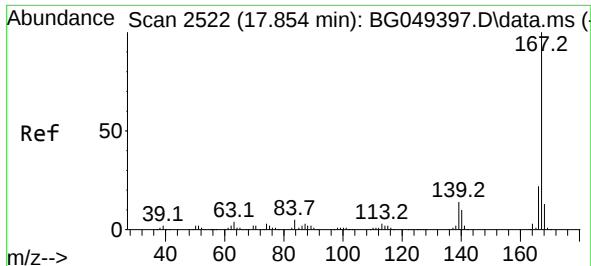
Tgt Ion:178 Resp: 40728
Ion Ratio Lower Upper
178 100
176 17.2 16.0 24.0
179 16.8 14.2 21.4



#72
Anthracene
Concen: 4.877 ng
RT: 17.583 min Scan# 2476
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:178 Resp: 40516
Ion Ratio Lower Upper
178 100
176 20.1 14.6 21.8
179 16.1 13.4 20.0

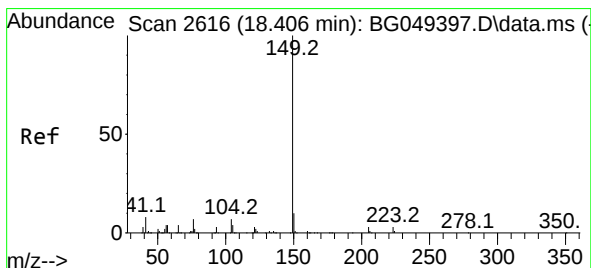
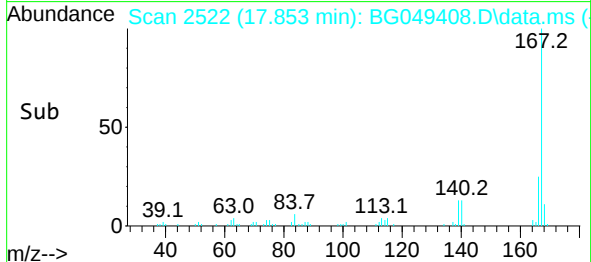
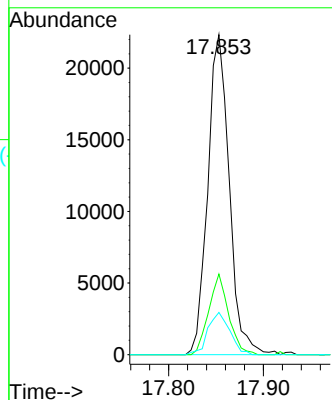
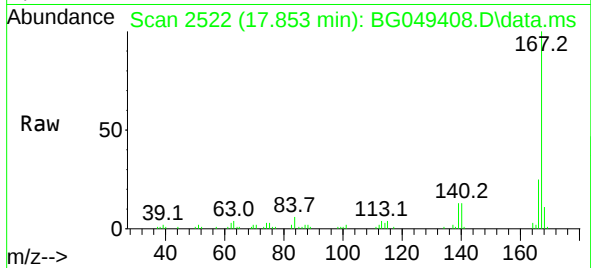




#73
 Carbazole
 Concen: 4.452 ng
 RT: 17.853 min Scan# 2522
 Delta R.T. -0.001 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

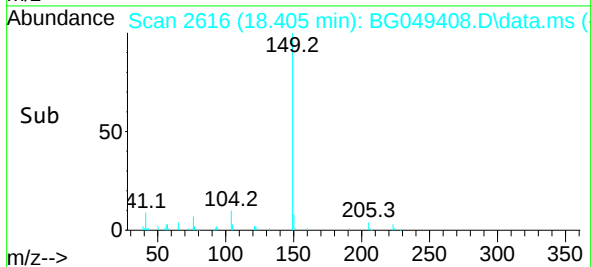
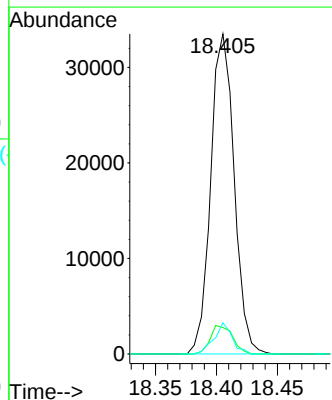
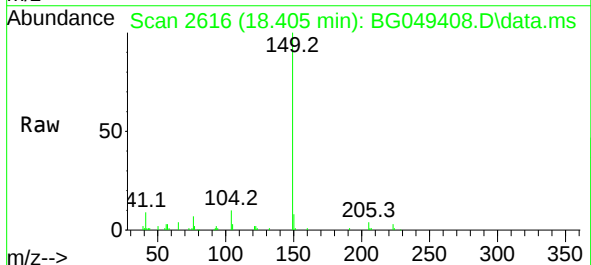
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

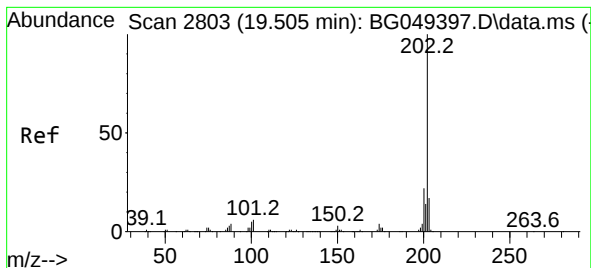
Tgt Ion:167 Resp: 35180
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.4 26.2
 139 13.2 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 4.981 ng
 RT: 18.405 min Scan# 2616
 Delta R.T. -0.001 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

Tgt Ion:149 Resp: 44881
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.5 11.3
 104 9.8 6.6 10.0

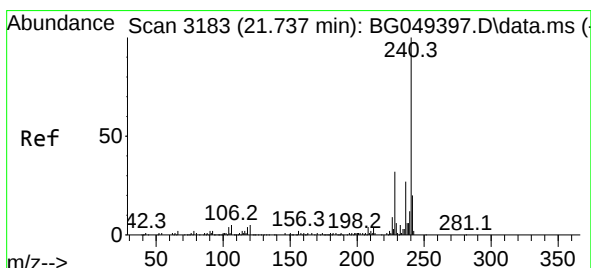
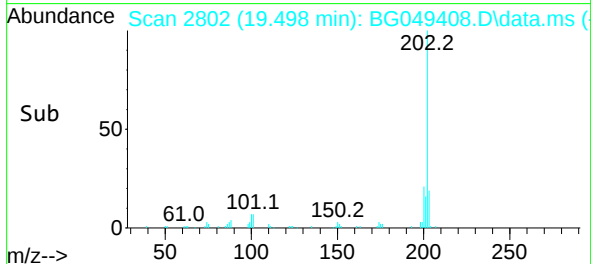
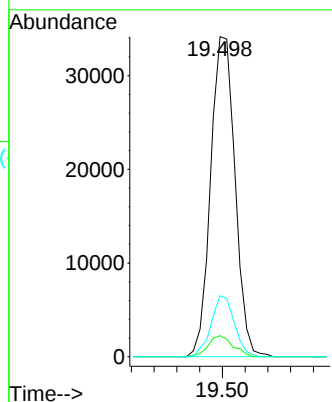
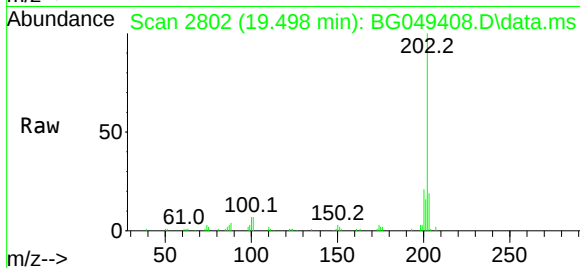




#75
Fluoranthene
Concen: 4.832 ng
RT: 19.498 min Scan# 2802
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

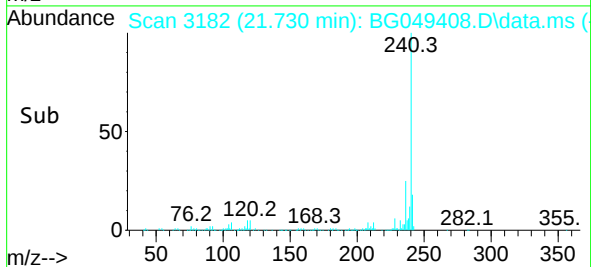
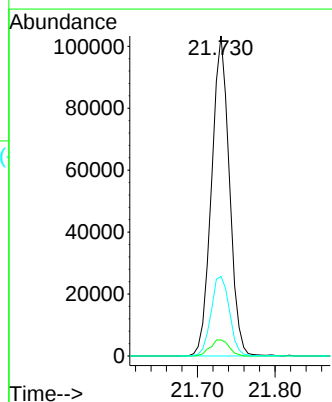
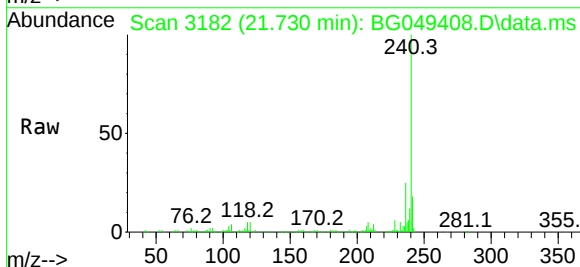
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

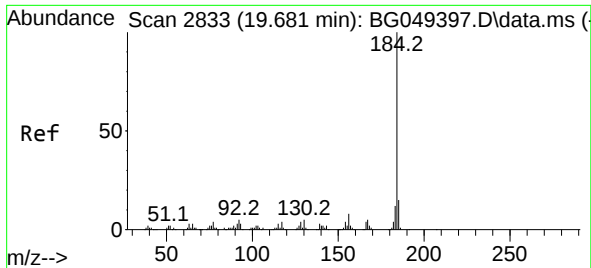
Tgt Ion:202 Resp: 50850
Ion Ratio Lower Upper
202 100
101 6.5 0.0 24.7
203 19.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:240 Resp: 164925
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 24.9 21.8 32.6

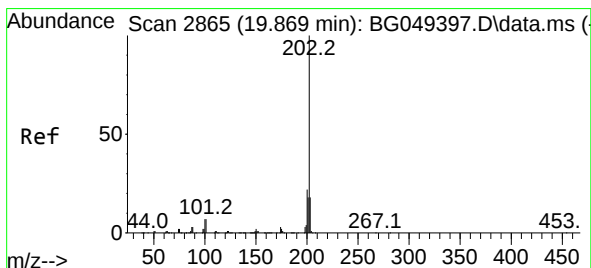
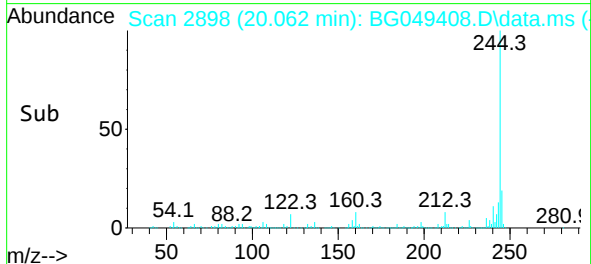
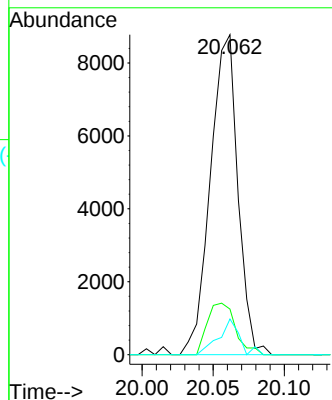
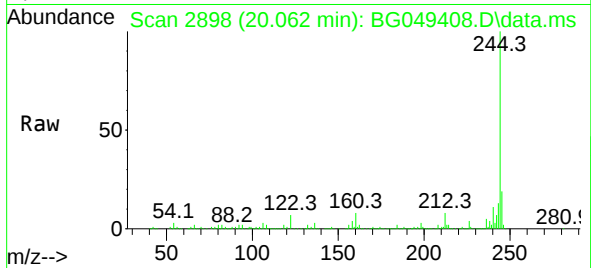




#77
Benzidine
Concen: 2.585 ng
RT: 20.062 min Scan# 2898
Delta R.T. 0.381 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

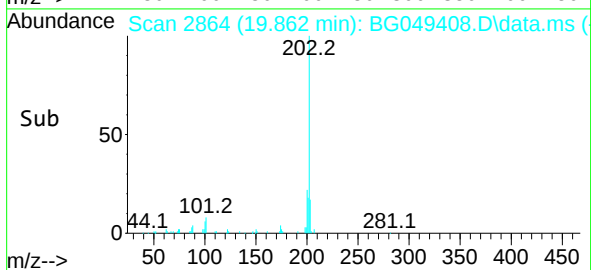
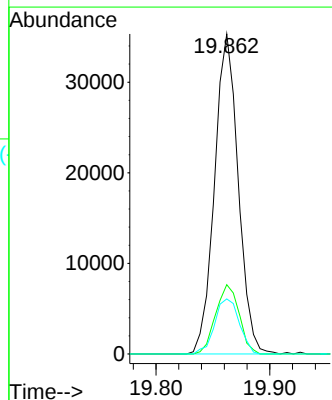
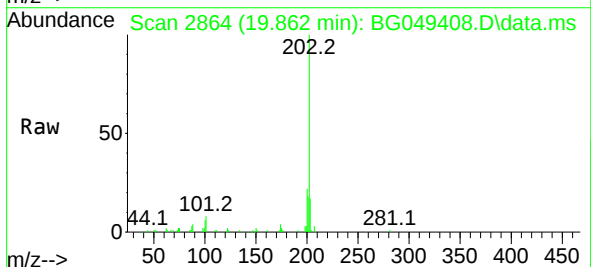
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

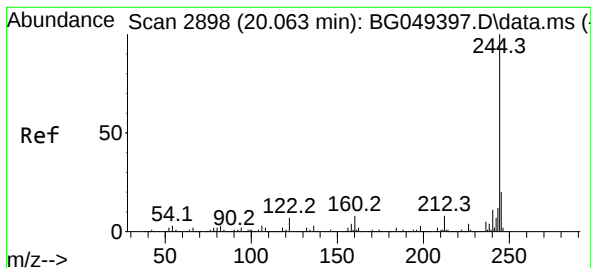
Tgt Ion:184 Resp: 11800
Ion Ratio Lower Upper
184 100
185 14.2 10.7 16.1
183 11.1 9.4 14.0



#78
Pyrene
Concen: 4.722 ng
RT: 19.862 min Scan# 2864
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:202 Resp: 51114
Ion Ratio Lower Upper
202 100
200 21.7 15.8 23.8
203 17.2 14.6 21.8





#79

Terphenyl-d14

Concen: 70.496 ng

RT: 20.056 min Scan# 2897

Delta R.T. -0.007 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

Tgt Ion:244 Resp: 595331

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

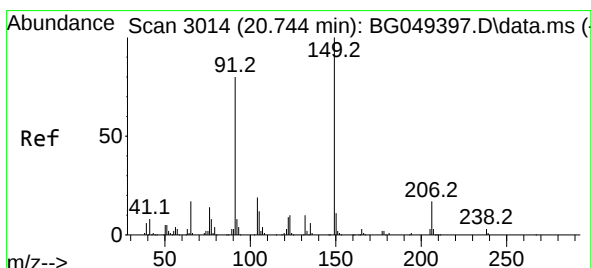
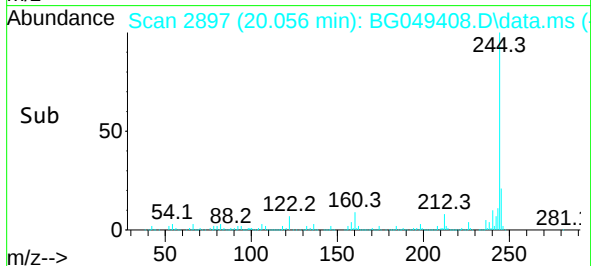
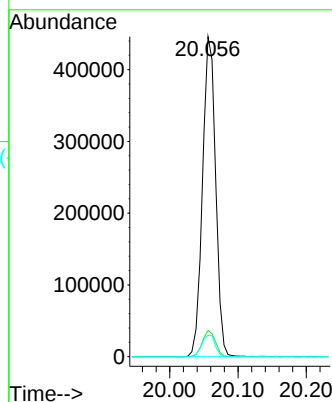
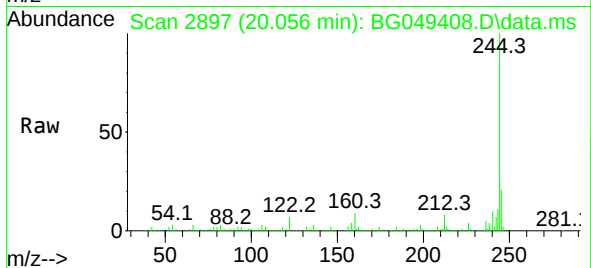
122 6.7 5.0 7.6

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#80

Butylbenzylphthalate

Concen: 4.620 ng

RT: 20.743 min Scan# 3014

Delta R.T. -0.001 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

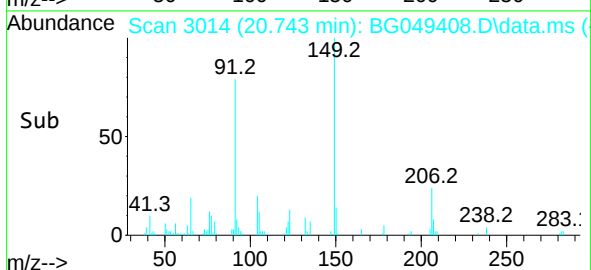
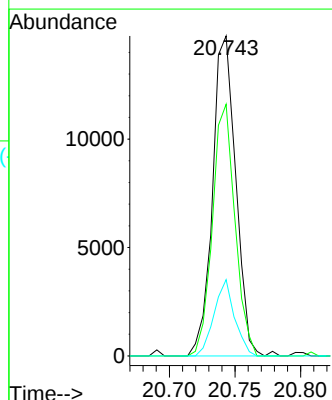
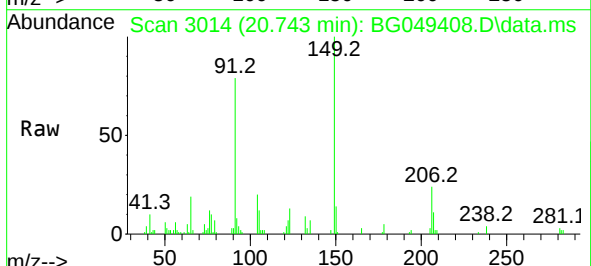
Tgt Ion:149 Resp: 18183

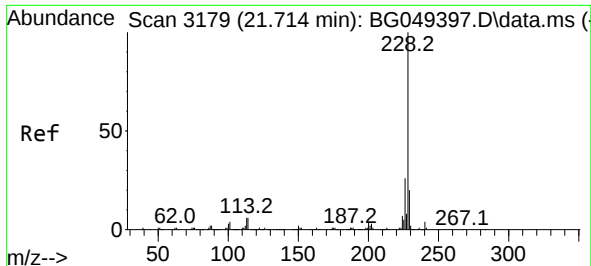
Ion Ratio Lower Upper

149 100

91 78.7 63.4 95.2

206 23.8 18.4 27.6

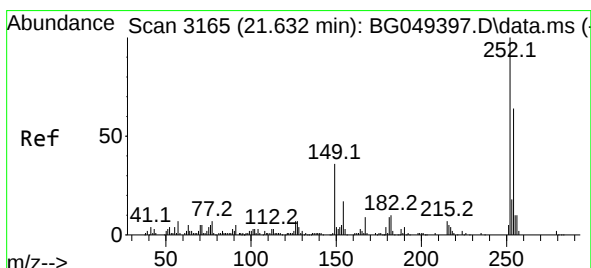
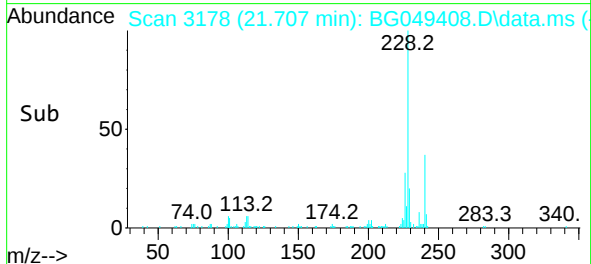
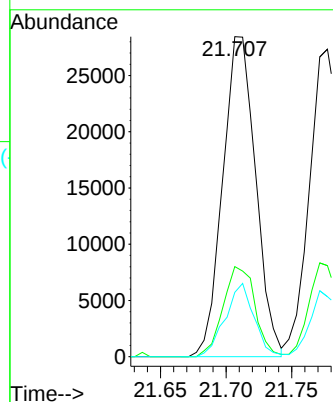
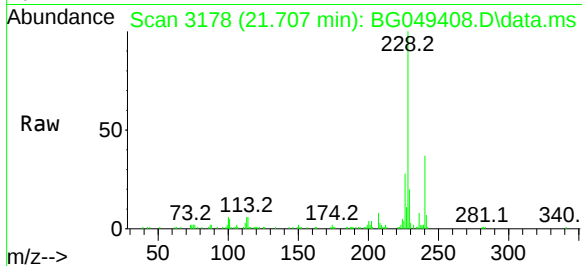




#81
Benzo(a)anthracene
Concen: 4.759 ng
RT: 21.707 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

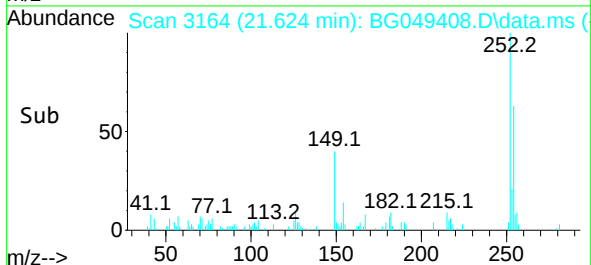
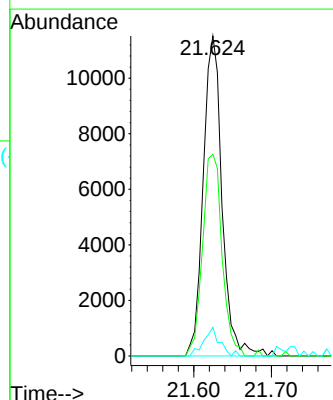
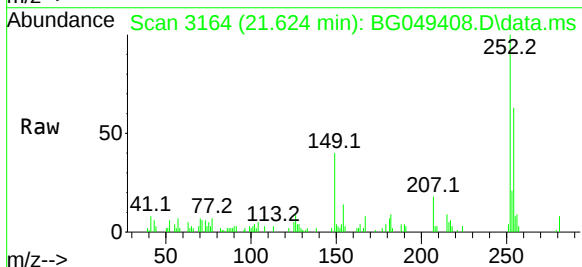
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

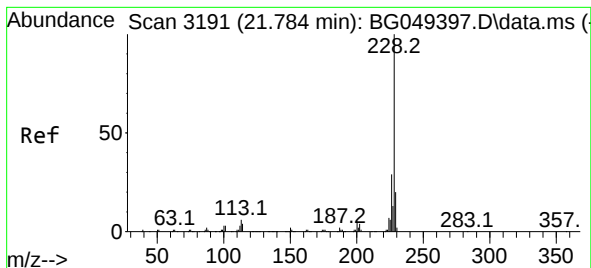
Tgt Ion:228 Resp: 49714
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 6.438 ng
RT: 21.624 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:252 Resp: 19402
Ion Ratio Lower Upper
252 100
254 63.0 52.4 78.6
126 9.0 5.9 8.9#





#83

Chrysene

Concen: 4.712 ng

RT: 21.777 min Scan# 3190

Delta R.T. -0.007 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

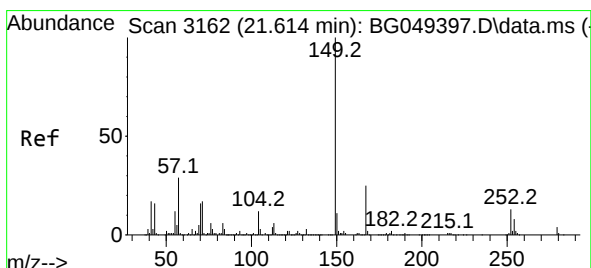
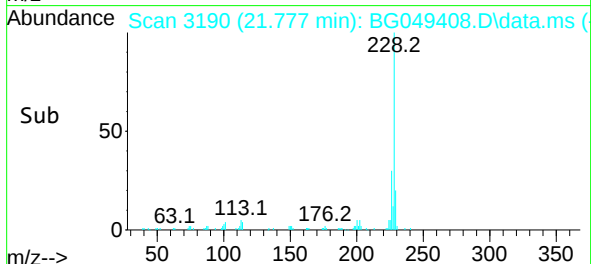
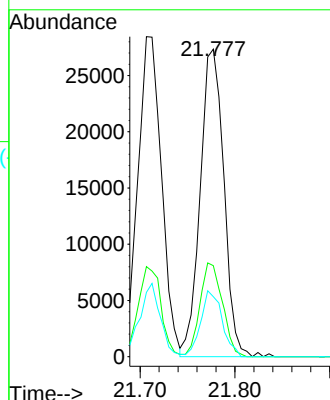
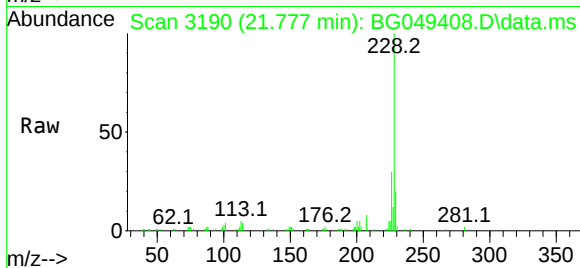
Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:228	Resp:	47473
Ion Ratio	Lower	Upper
228	100	
226	29.6	23.1 34.7
229	19.5	15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.818 ng

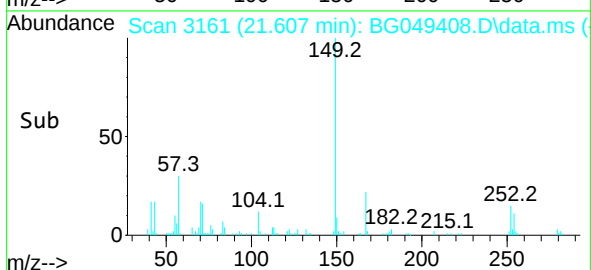
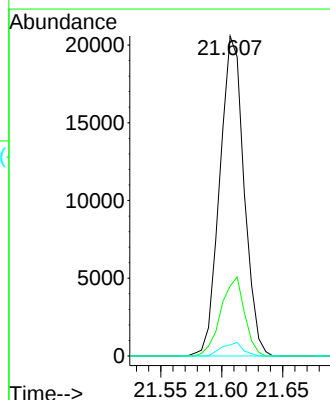
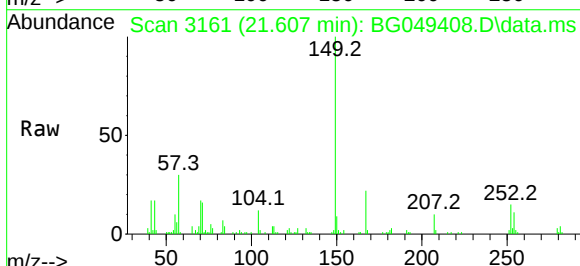
RT: 21.607 min Scan# 3161

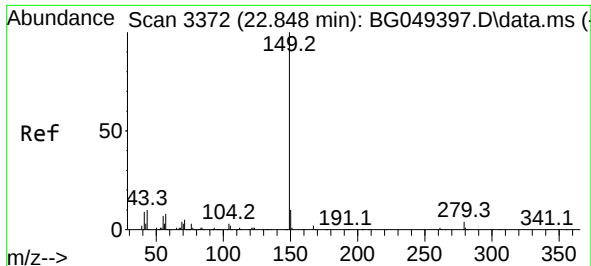
Delta R.T. -0.007 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

Tgt Ion:149	Resp:	28438
Ion Ratio	Lower	Upper
149	100	
167	21.9	22.3 33.5#
279	3.5	3.8 5.8#

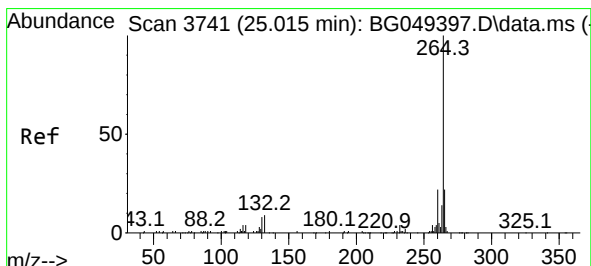
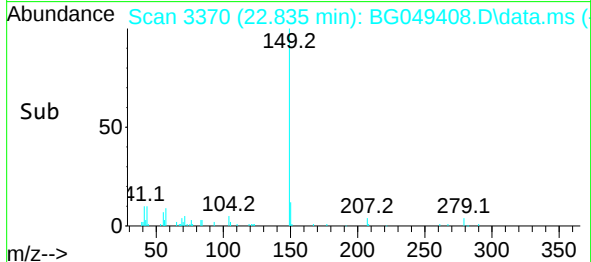
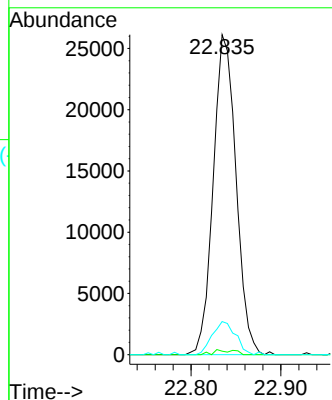
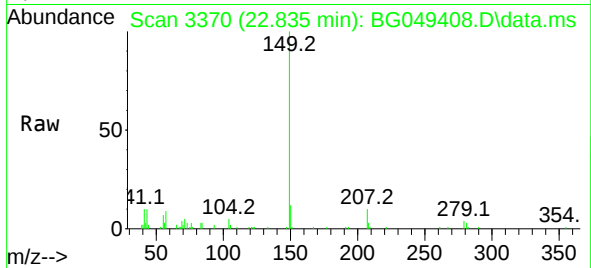




#85
Di-n-octyl phthalate
Concen: 4.517 ng
RT: 22.835 min Scan# 3370
Delta R.T. -0.013 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

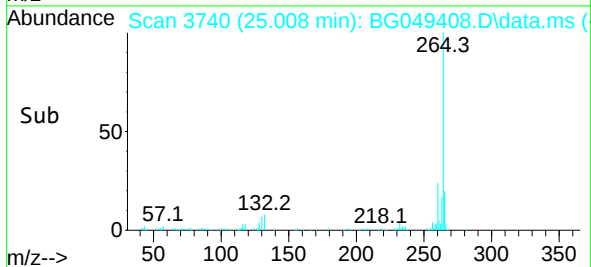
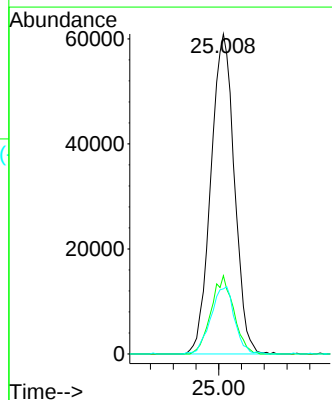
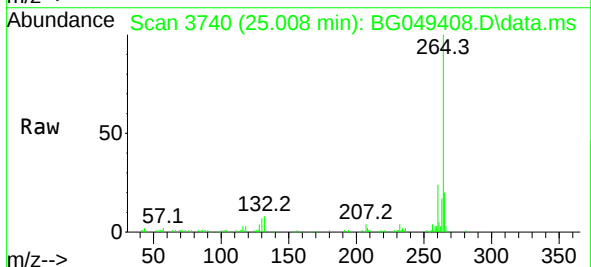
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

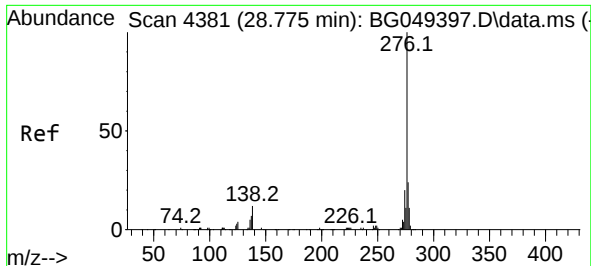
Tgt Ion:149 Resp: 46046
Ion Ratio Lower Upper
149 100
167 0.9 1.4 2.2#
43 10.8 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3740
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:264 Resp: 174442
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 20.3 16.9 25.3

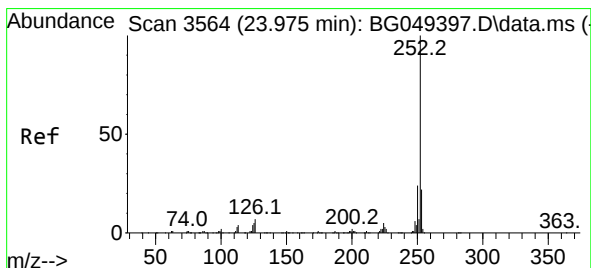
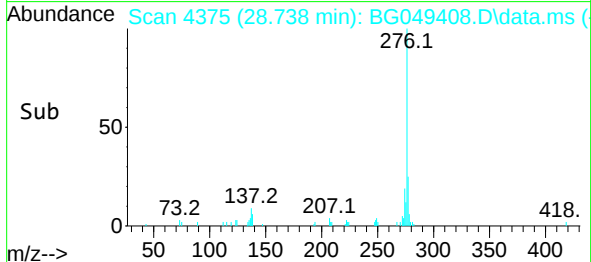
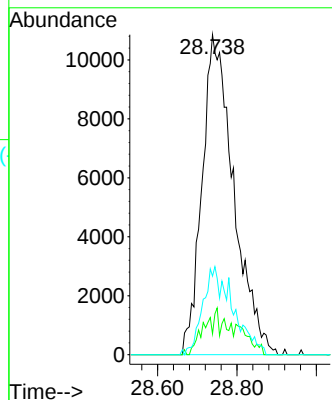
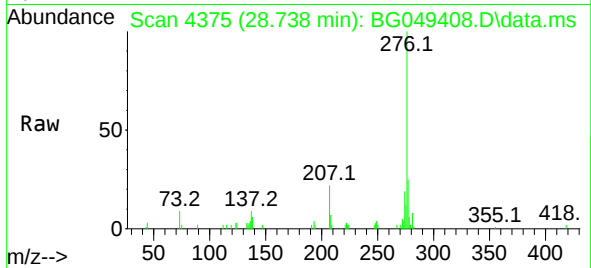




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.859 ng
 RT: 28.738 min Scan# 4375
 Delta R.T. -0.036 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

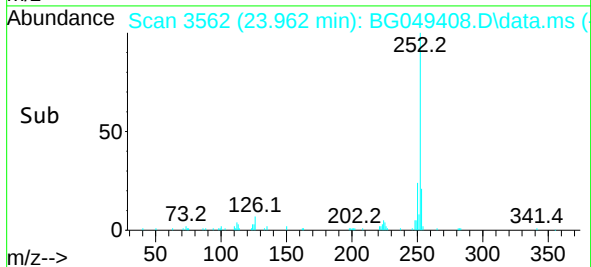
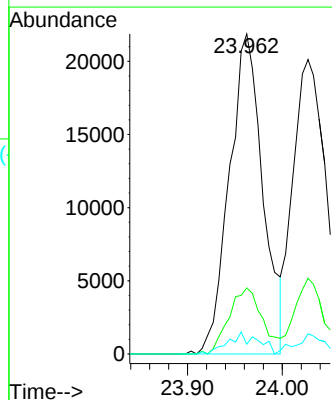
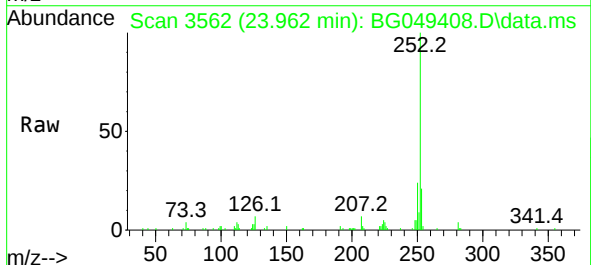
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

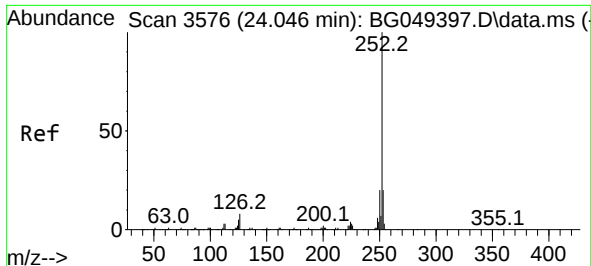
Tgt Ion:276 Resp: 60005
 Ion Ratio Lower Upper
 276 100
 138 1.1 5.1 7.7#
 277 13.9 19.8 29.6#



#88
 Benzo(b)fluoranthene
 Concen: 4.782 ng
 RT: 23.962 min Scan# 3562
 Delta R.T. -0.013 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

Tgt Ion:252 Resp: 53750
 Ion Ratio Lower Upper
 252 100
 253 20.7 16.2 24.4
 125 3.0 3.0 4.4

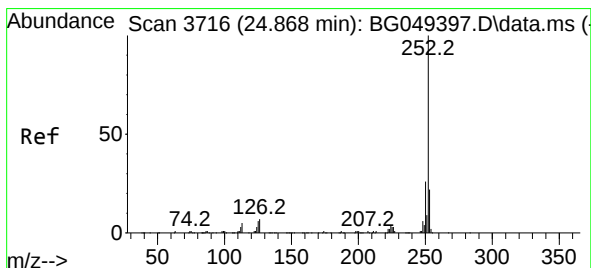
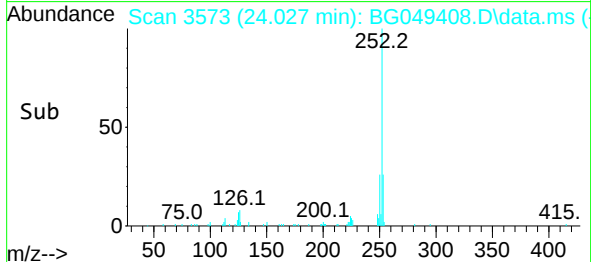
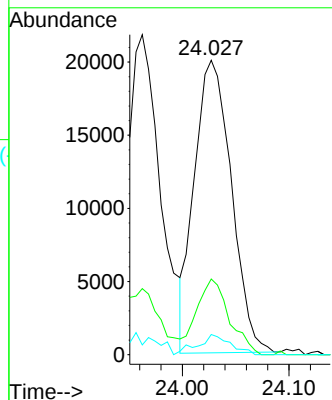
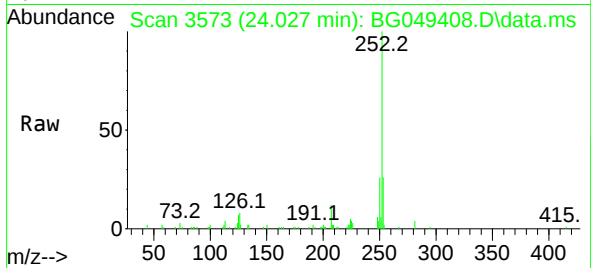




#89
Benzo(k)fluoranthene
Concen: 4.609 ng
RT: 24.027 min Scan# 3573
Delta R.T. -0.019 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

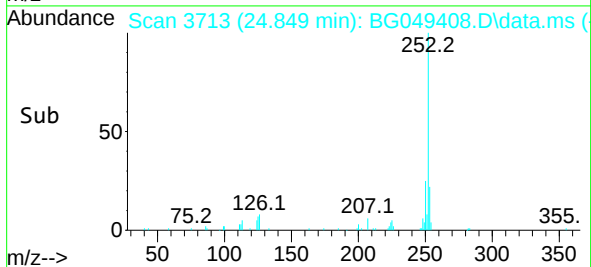
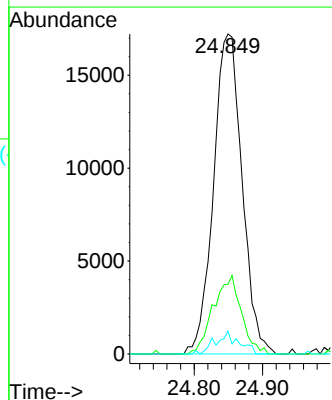
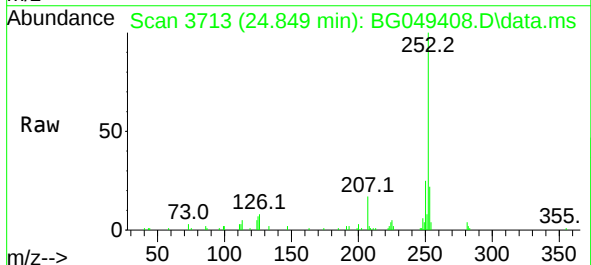
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

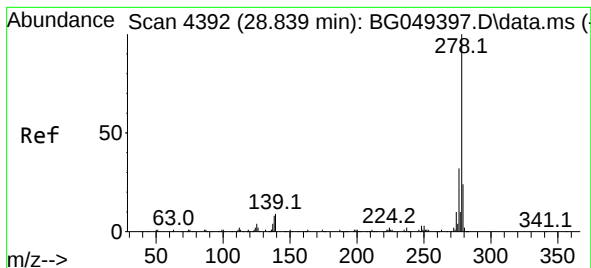
Tgt Ion:252 Resp: 48192
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 6.8 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 4.921 ng
RT: 24.849 min Scan# 3713
Delta R.T. -0.019 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:252 Resp: 50132
Ion Ratio Lower Upper
252 100
253 21.8 16.6 25.0
125 7.1 3.5 5.3#

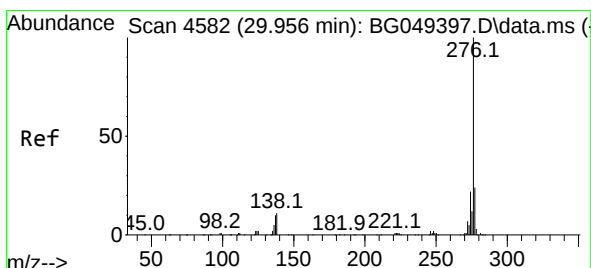
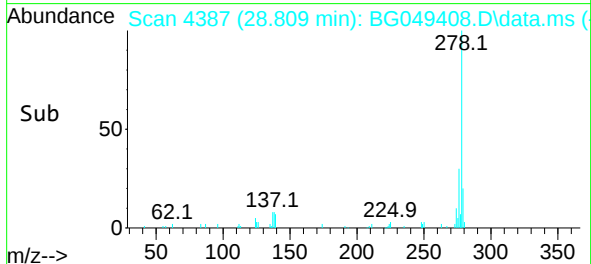
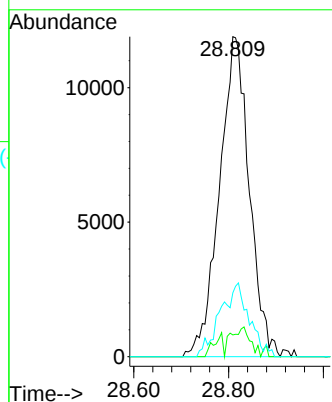
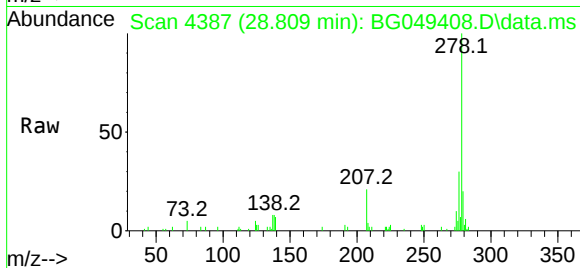




#91
Dibenzo(a,h)anthracene
Concen: 5.005 ng
RT: 28.809 min Scan# 4387
Delta R.T. -0.031 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Tgt Ion:278 Resp: 51902
Ion Ratio Lower Upper
278 100
139 6.8 4.6 6.8
279 20.0 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 4.806 ng
RT: 29.907 min Scan# 4574
Delta R.T. -0.048 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:276 Resp: 49316
Ion Ratio Lower Upper
276 100
277 18.0 18.4 27.6#
138 13.4 7.0 10.6#

