

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049409.D
 Acq On : 22 Jul 2021 15:26
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 22 16:21:40 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 16:21:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	24433	20.000	ng	0.01
21) Naphthalene-d8	10.880	136	96110	20.000	ng	# 0.00
39) Acenaphthene-d10	14.711	164	66674	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	143478	20.000	ng	# 0.00
76) Chrysene-d12	21.736	240	145825	20.000	ng	0.00
86) Perylene-d12	25.020	264	151519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	156877	108.934	ng	0.00
7) Phenol-d6	7.215	99	233278	111.226	ng	0.00
23) Nitrobenzene-d5	9.230	82	156929	73.157	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	101368	113.528	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	329668	71.147	ng	0.00
79) Terphenyl-d14	20.062	244	550969	73.788	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.479	88	7764	11.900	ng	# 94
3) Pyridine	3.896	79	15377	9.249	ng	89
4) n-Nitrosodimethylamine	3.808	42	10144	12.425	ng	# 62
6) Aniline	7.379	93	27060	11.930	ng	# 97
8) 2-Chlorophenol	7.620	128	15912	10.775	ng	91
9) Benzaldehyde	7.191	77	18068	12.968	ng	90
10) Phenol	7.244	94	22048	11.036	ng	90
11) bis(2-Chloroethyl)ether	7.473	93	15841	11.575	ng	86
12) 1,3-Dichlorobenzene	7.955	146	19151	10.968	ng	93
13) 1,4-Dichlorobenzene	7.955	146	19151	11.014	ng	94
14) 1,2-Dichlorobenzene	8.419	146	18169	10.817	ng	98
15) Benzyl Alcohol	8.302	79	18419	10.744	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.589	45	17599	11.009	ng	95
17) 2-Methylphenol	8.501	107	15816	11.890	ng	91
18) Hexachloroethane	9.153	117	7334	10.853	ng	90
19) n-Nitroso-di-n-propyla...	8.866	70	15406	11.180	ng	92
20) 3+4-Methylphenols	8.830	107	20963	11.500	ng	94
22) Acetophenone	8.883	105	29761	11.564	ng	# 93
24) Nitrobenzene	9.271	77	25017	11.104	ng	# 90
25) Isophorone	9.794	82	39340	10.351	ng	# 96
26) 2-Nitrophenol	9.993	139	9482	11.595	ng	95
27) 2,4-Dimethylphenol	10.040	122	15239	11.656	ng	97
28) bis(2-Chloroethoxy)met...	10.281	93	21181	12.491	ng	# 93
29) 2,4-Dichlorophenol	10.528	162	16363	10.793	ng	100
30) 1,2,4-Trichlorobenzene	10.739	180	18499	10.804	ng	97
31) Naphthalene	10.933	128	56004	11.049	ng	98
32) Benzoic acid	10.140	122	4882	5.683	ng	# 77
33) 4-Chloroaniline	11.039	127	22799	11.787	ng	91
34) Hexachlorobutadiene	11.215	225	12571	10.246	ng	93
35) Caprolactam	11.791	113	5257	11.166	ng	86
36) 4-Chloro-3-methylphenol	12.161	107	18700	10.458	ng	# 84
37) 2-Methylnaphthalene	12.537	142	42330	11.442	ng	96
38) 1-Methylnaphthalene	12.760	142	36963	10.450	ng	93
40) 1,2,4,5-Tetrachloroben...	12.901	216	22316	11.318	ng	98
41) Hexachlorocyclopentadiene	12.884	237	10872	12.353	ng	95
43) 2,4,6-Trichlorophenol	13.218	196	14944	11.621	ng	85

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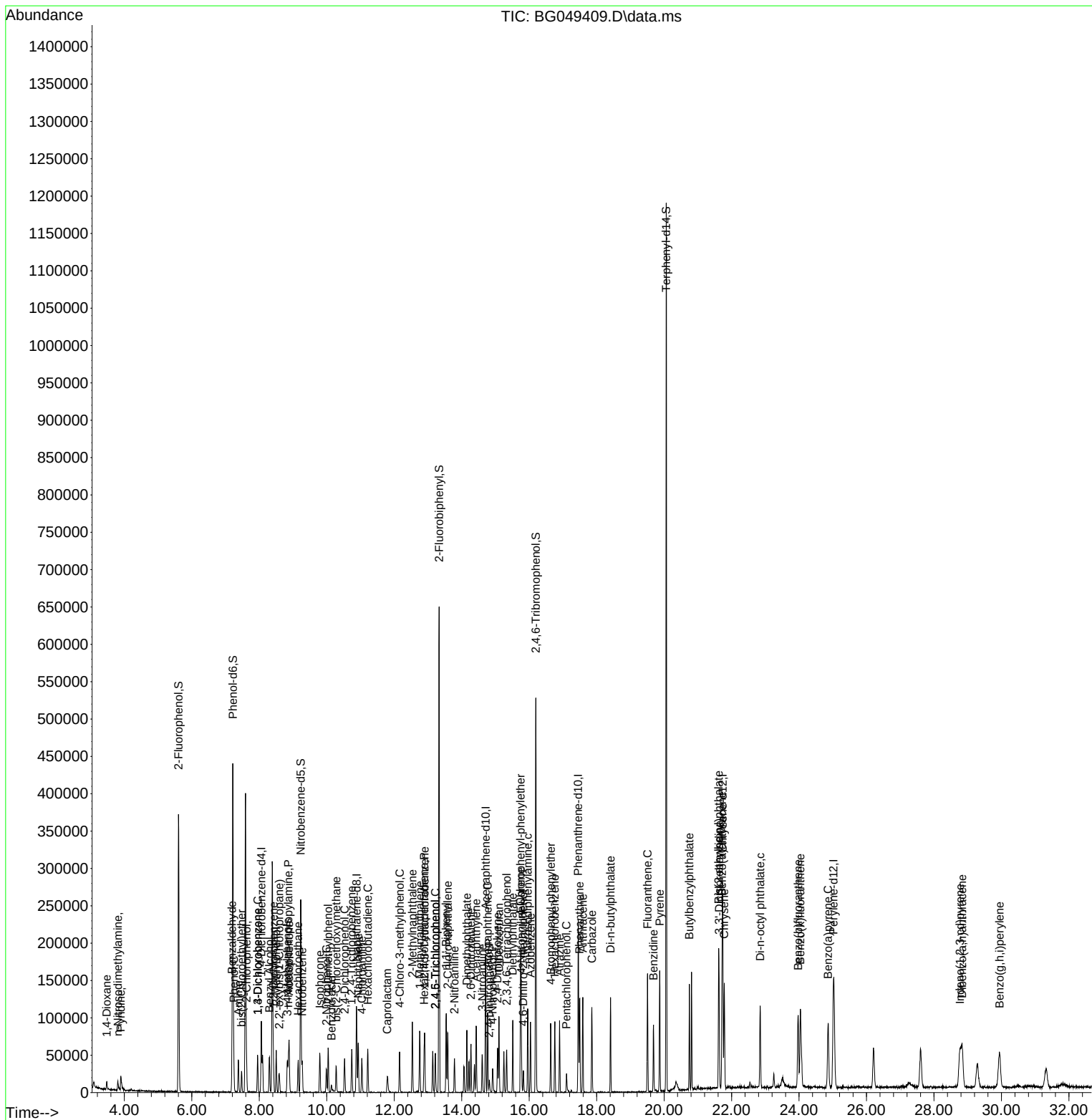
Instrument :
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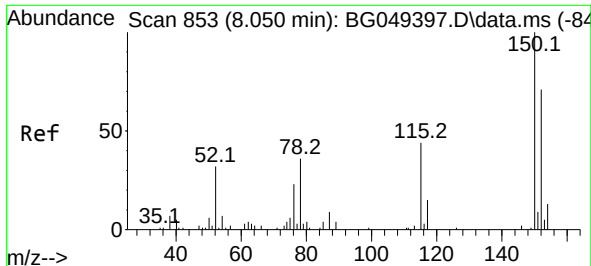
Quant Time: Jul 22 16:21:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 16:21:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.218	196	14944	10.743	ng	# 85
46) 1,1'-Biphenyl	13.542	154	53338	10.912	ng	96
47) 2-Chloronaphthalene	13.589	162	40646	10.826	ng	94
48) 2-Nitroaniline	13.788	65	12870	9.851	ng	93
49) Acenaphthylene	14.429	152	67246	11.047	ng	98
50) Dimethylphthalate	14.152	163	51839	10.702	ng	98
51) 2,6-Dinitrotoluene	14.276	165	11246	10.694	ng	95
52) Acenaphthene	14.769	154	39050	10.629	ng	96
53) 3-Nitroaniline	14.611	138	11655	11.053	ng	86
54) 2,4-Dinitrophenol	14.810	184	4503	10.173	ng	96
55) Dibenzofuran	15.104	168	61287	10.396	ng	95
56) 4-Nitrophenol	14.916	139	7510	9.029	ng	94
57) 2,4-Dinitrotoluene	15.063	165	15862	10.913	ng	# 86
58) Fluorene	15.756	166	51216	10.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.333	232	12980	10.207	ng	# 95
60) Diethylphthalate	15.515	149	52799	10.852	ng	96
61) 4-Chlorophenyl-phenylether	15.744	204	25956	10.682	ng	98
62) 4-Nitroaniline	15.768	138	11684	10.527	ng	87
63) Azobenzene	16.038	77	56216	10.434	ng	87
65) 4,6-Dinitro-2-methylph...	15.827	198	6357	8.179	ng	88
66) n-Nitrosodiphenylamine	15.956	169	43488	10.552	ng	99
67) 4-Bromophenyl-phenylether	16.643	248	16913	10.407	ng	99
68) Hexachlorobenzene	16.761	284	19310	10.493	ng	98
69) Atrazine	16.902	200	18420	11.280	ng	98
70) Pentachlorophenol	17.107	266	6207	7.505	ng	87
71) Phenanthrene	17.495	178	81079	10.512	ng	96
72) Anthracene	17.589	178	82748	10.916	ng	94
73) Carbazole	17.859	167	72668	10.078	ng	95
74) Di-n-butylphthalate	18.411	149	87415	10.631	ng	96
75) Fluoranthene	19.510	202	99146	10.324	ng	98
77) Benzidine	19.686	184	51666	12.801	ng	97
78) Pyrene	19.868	202	101562	10.611	ng	97
80) Butylbenzylphthalate	20.749	149	38992	11.205	ng	# 92
81) Benzo(a)anthracene	21.719	228	98138	10.625	ng	96
82) 3,3'-Dichlorobenzidine	21.631	252	38912	14.602	ng	94
83) Chrysene	21.783	228	95110	10.677	ng	99
84) Bis(2-ethylhexyl)phtha...	21.619	149	54636	10.469	ng	# 93
85) Di-n-octyl phthalate	22.847	149	97227	10.786	ng	99
87) Indeno(1,2,3-cd)pyrene	28.768	276	116282	10.841	ng	97
88) Benzo(b)fluoranthene	23.974	252	106021	10.859	ng	# 97
89) Benzo(k)fluoranthene	24.039	252	100278	11.042	ng	# 97
90) Benzo(a)pyrene	24.862	252	99419	11.235	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	100718	11.181	ng	99
92) Benzo(g,h,i)perylene	29.943	276	101354	11.371	ng	# 96

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

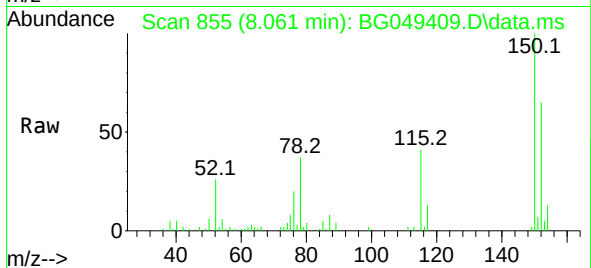
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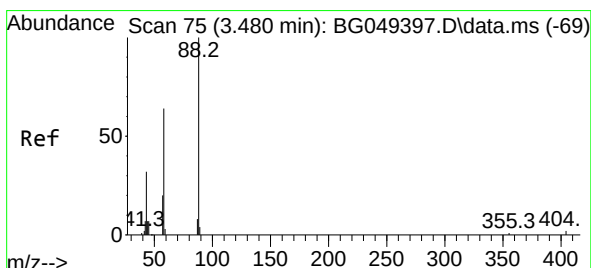
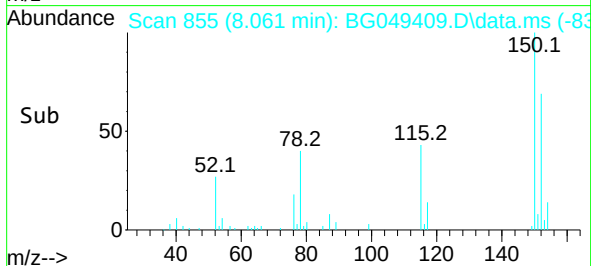
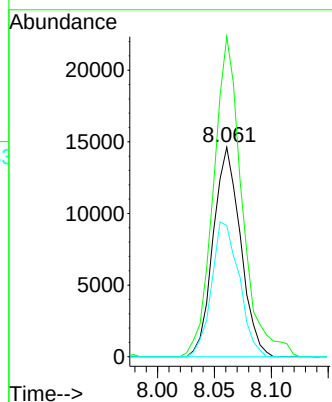


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 855
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Instrument :
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ClientSampleId :
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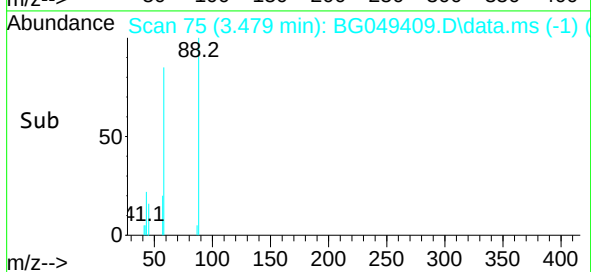
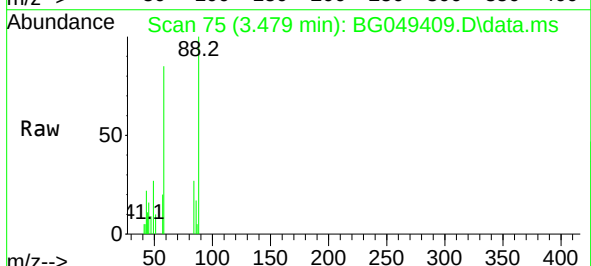
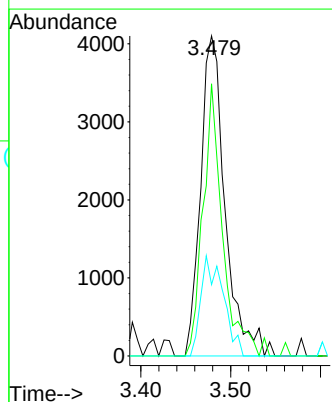


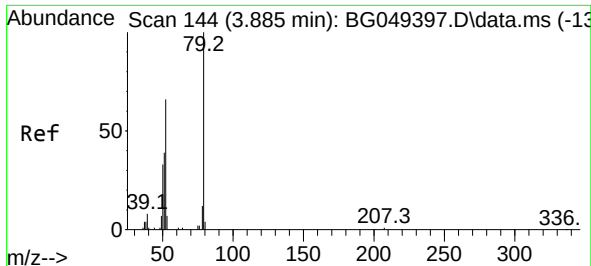
Tgt Ion:152 Resp: 24433
Ion Ratio Lower Upper
152 100
150 152.8 119.4 179.0
115 62.6 60.2 90.4



#2
1,4-Dioxane
Concen: 11.900 ng
RT: 3.479 min Scan# 75
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 88 Resp: 7764
Ion Ratio Lower Upper
88 100
58 67.6 55.7 83.5
43 28.5 29.3 43.9#

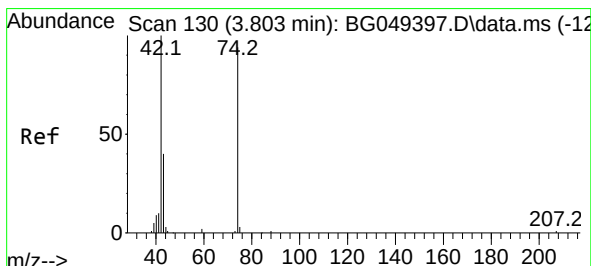
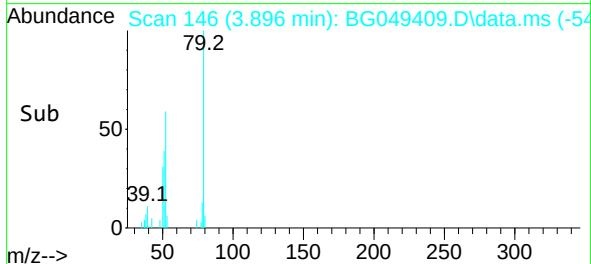
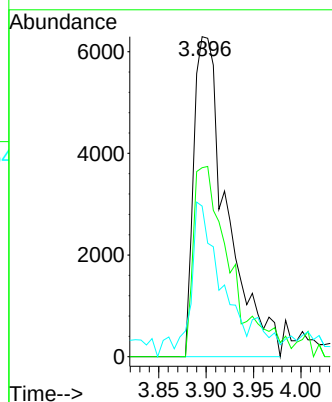
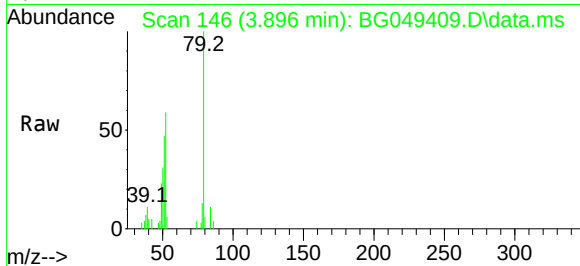




#3
Pyridine
Concen: 9.249 ng
RT: 3.896 min Scan# 146
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

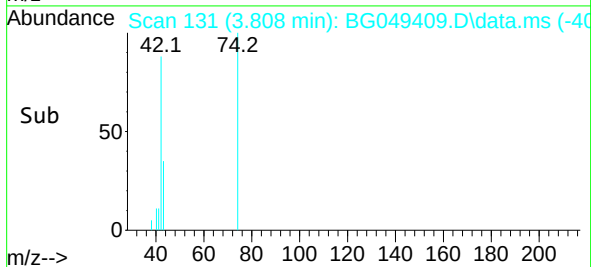
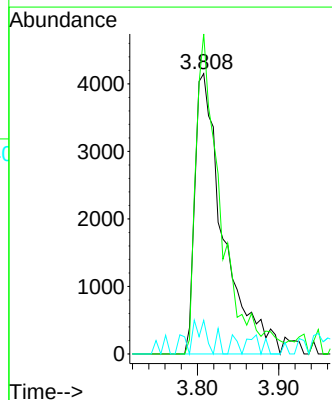
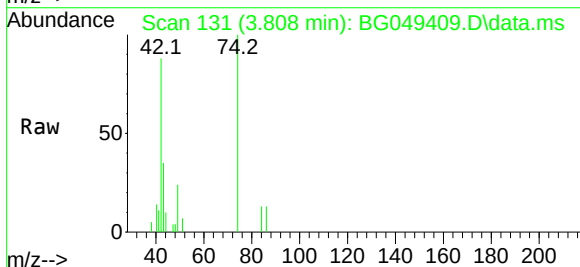
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ClientSampleId :
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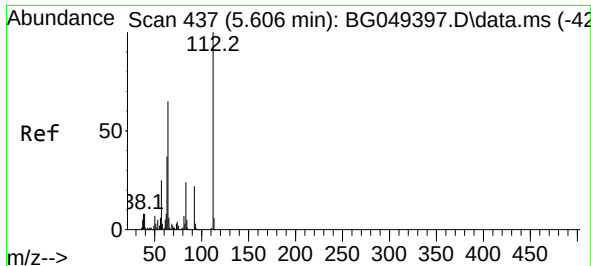
Tgt Ion: 79	Resp: 15377
Ion Ratio	Lower Upper
79 100	
52 59.1	58.4 87.6
51 47.0	37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 12.425 ng
RT: 3.808 min Scan# 131
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 42	Resp: 10144
Ion Ratio	Lower Upper
42 100	
74 114.1	64.0 96.0#
44 12.0	2.7 4.1#

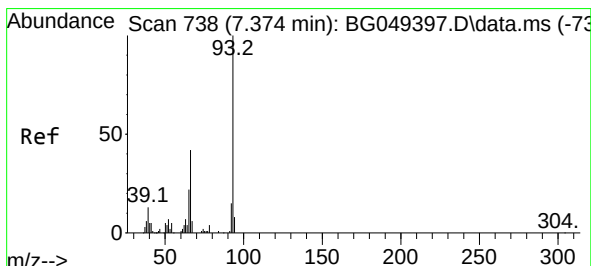
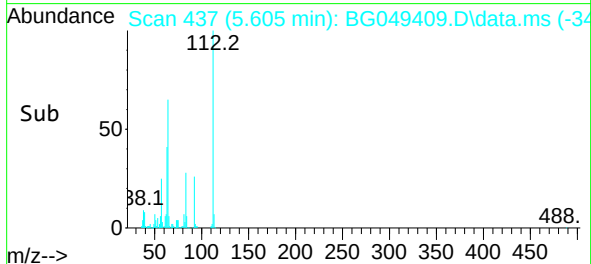
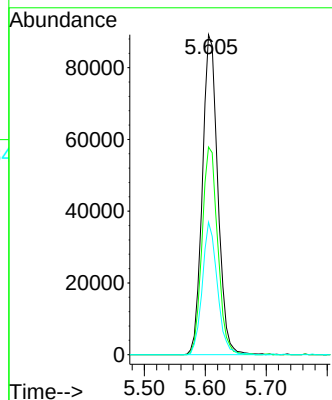
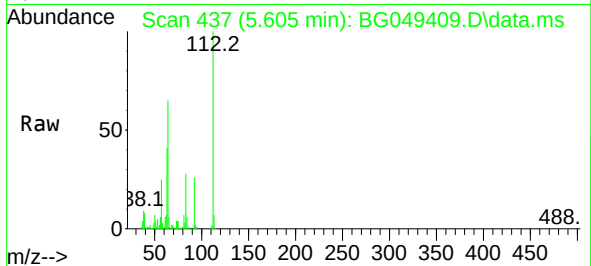




#5
2-Fluorophenol
Concen: 108.934 ng
RT: 5.605 min Scan# 437
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

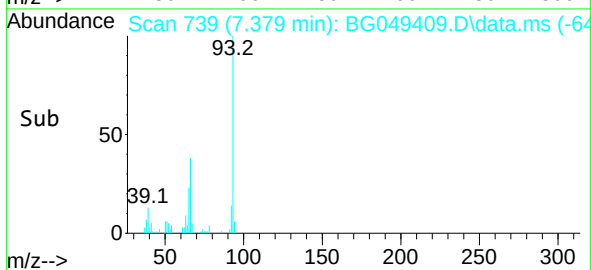
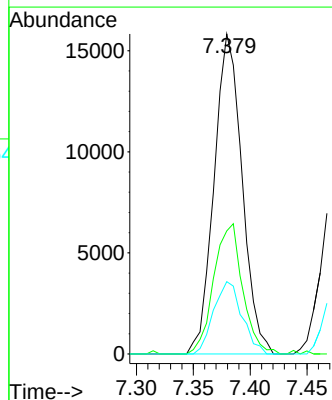
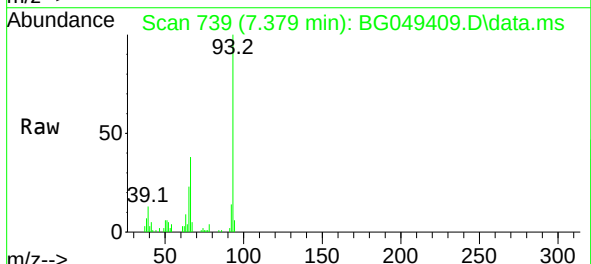
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ClientSampleId :
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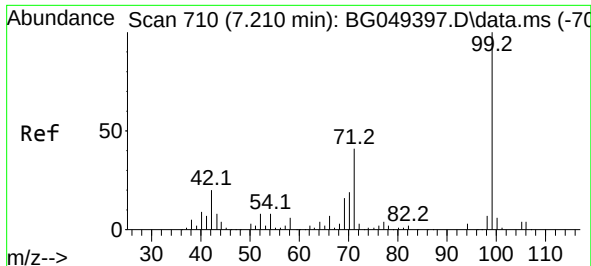
Tgt Ion:112 Resp: 156877
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 41.4 35.3 52.9



#6
Aniline
Concen: 11.930 ng
RT: 7.379 min Scan# 739
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 93 Resp: 27060
Ion Ratio Lower Upper
93 100
66 38.4 30.6 45.8
65 22.6 15.0 22.4#

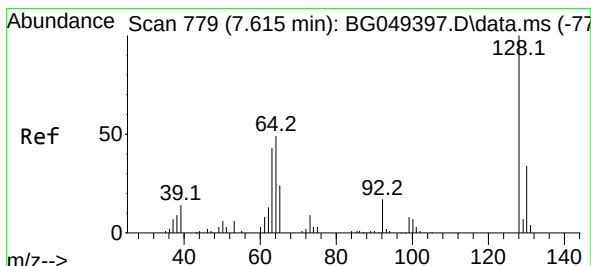
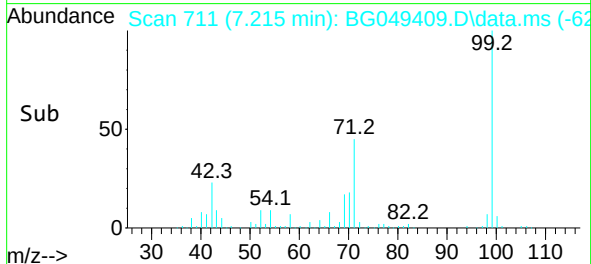
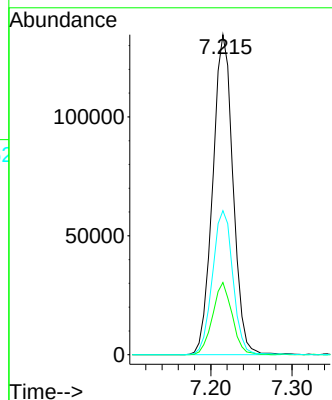
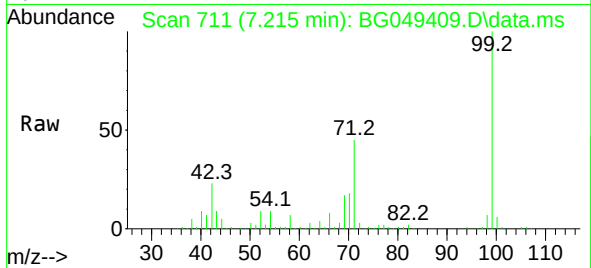




#7
Phenol-d6
Concen: 111.226 ng
RT: 7.215 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

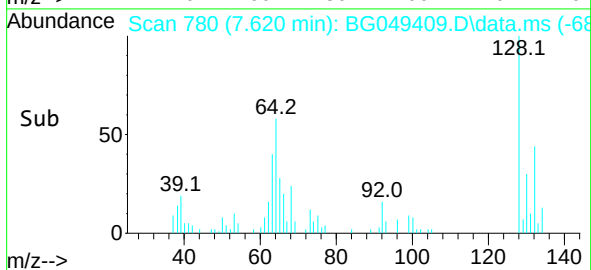
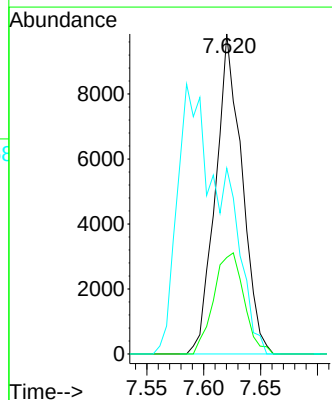
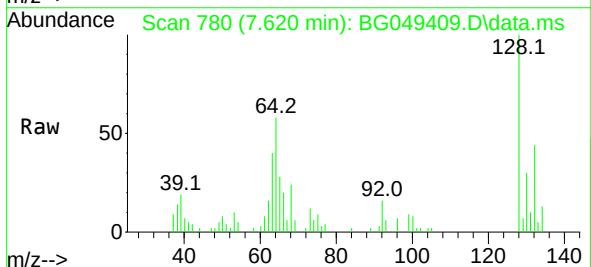
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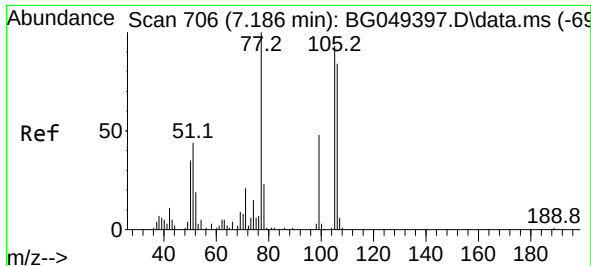
Tgt Ion: 99 Resp: 233278
Ion Ratio Lower Upper
99 100
42 22.6 20.5 30.7
71 45.0 41.5 62.3



#8
2-Chlorophenol
Concen: 10.775 ng
RT: 7.620 min Scan# 780
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:128 Resp: 15912
Ion Ratio Lower Upper
128 100
130 30.1 10.0 50.0
64 58.0 28.1 68.1

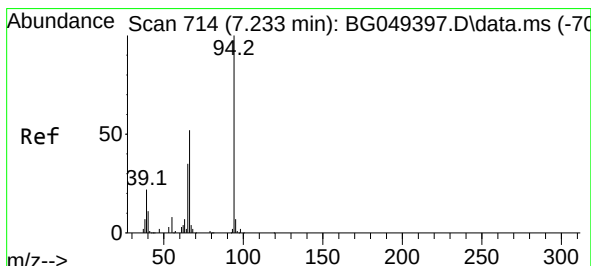
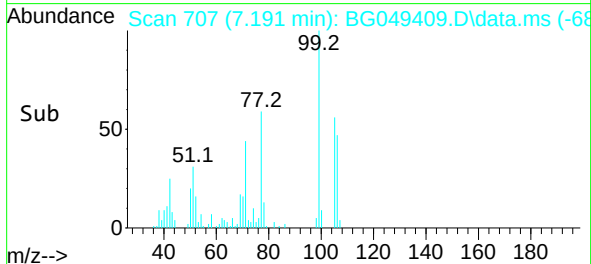
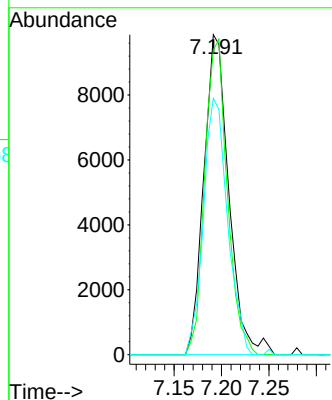
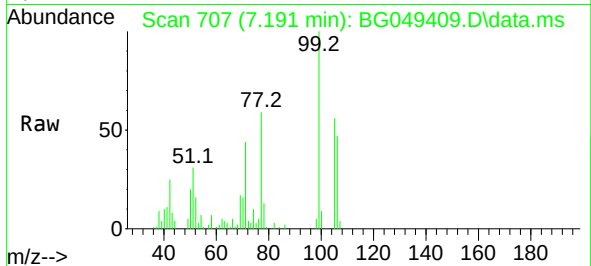




#9
Benzaldehyde
Concen: 12.968 ng
RT: 7.191 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

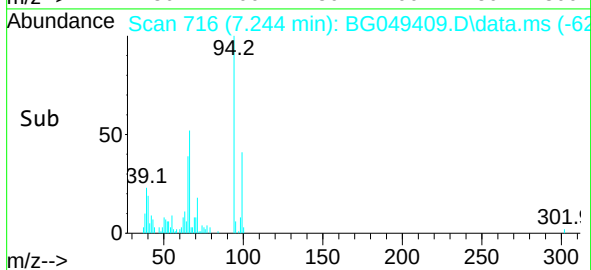
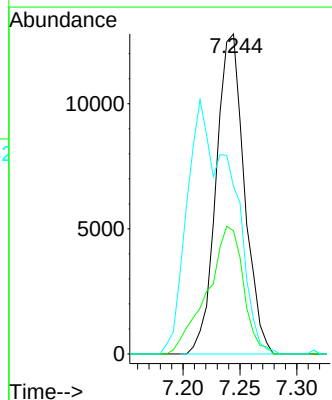
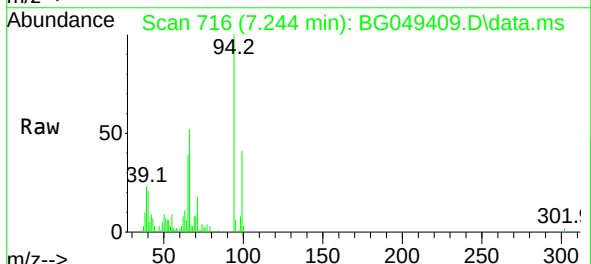
Instrument :
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ClientSampleId :
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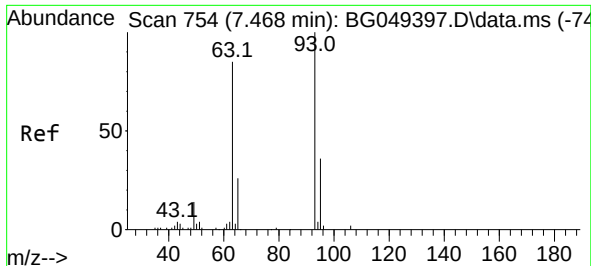
Tgt Ion: 77 Resp: 18068
Ion Ratio Lower Upper
77 100
105 95.2 68.8 108.8
106 80.1 47.9 87.9



#10
Phenol
Concen: 11.036 ng
RT: 7.244 min Scan# 716
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 94 Resp: 22048
Ion Ratio Lower Upper
94 100
65 38.5 12.9 52.9
66 52.3 39.4 79.4

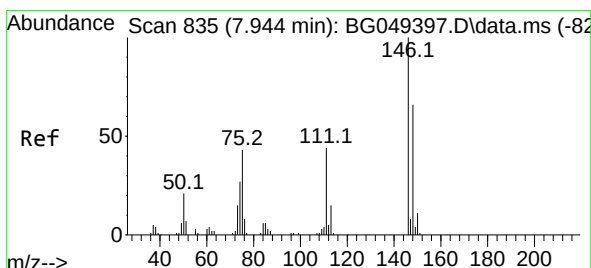
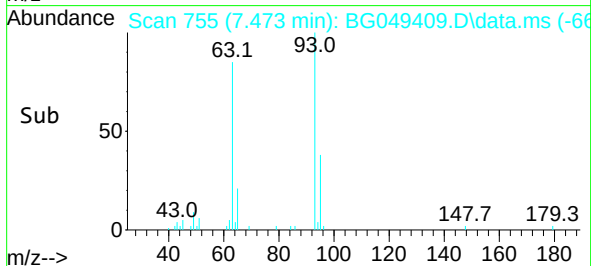
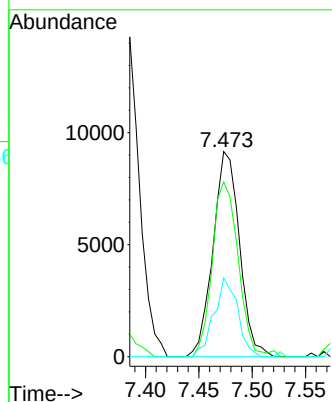
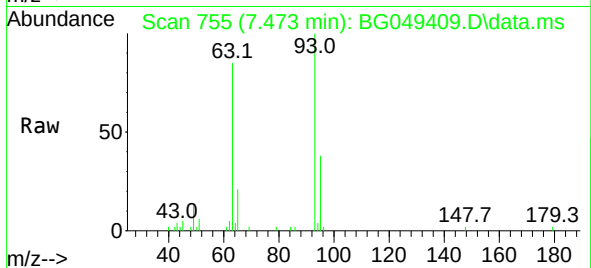




#11
bis(2-Chloroethyl)ether
Concen: 11.575 ng
RT: 7.473 min Scan# 755
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

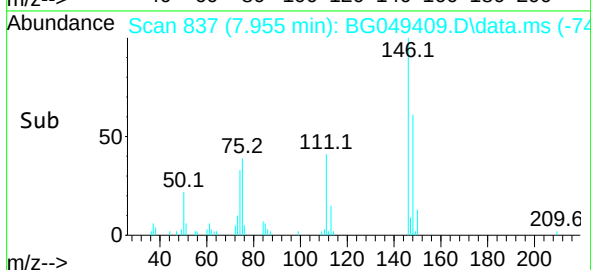
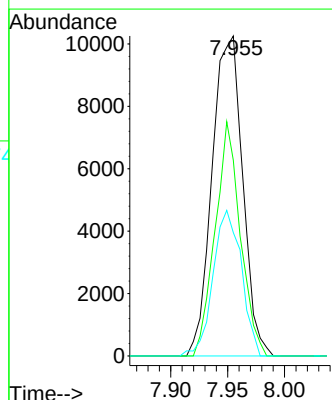
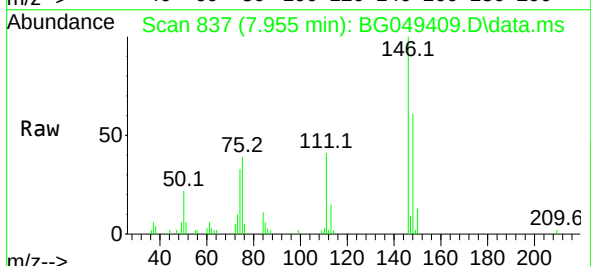
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

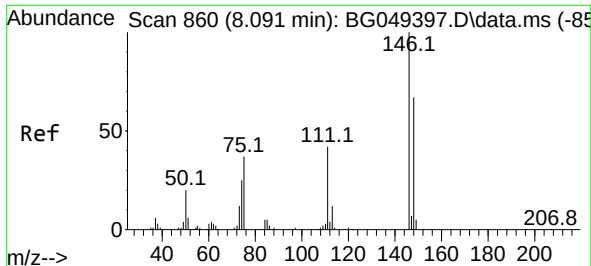
Tgt Ion: 93	Resp:	15841
Ion Ratio	Lower	Upper
93	100	
63	85.2	50.4 90.4
95	38.4	15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 10.968 ng
RT: 7.955 min Scan# 837
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 146	Resp:	19151
Ion Ratio	Lower	Upper
146	100	
148	61.2	52.6 78.8
75	38.6	35.7 53.5

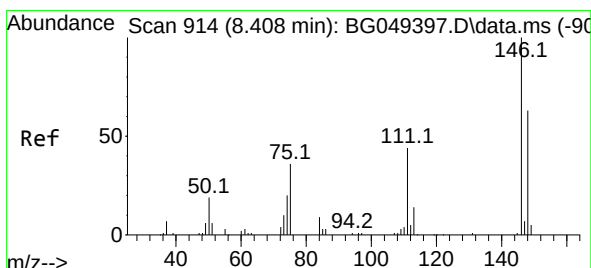
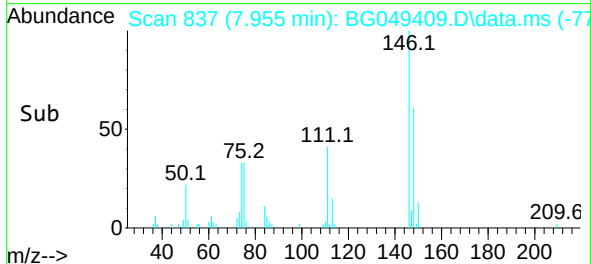
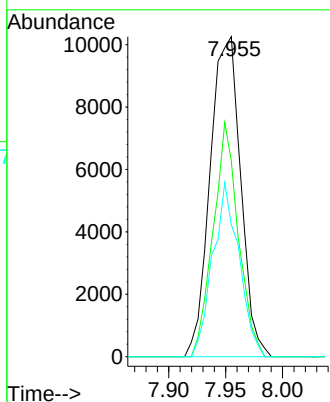
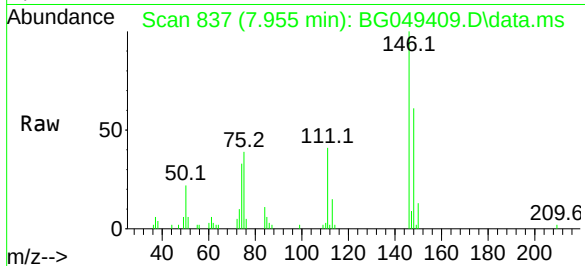




#13
1,4-Dichlorobenzene
Concen: 11.014 ng
RT: 7.955 min Scan# 837
Delta R.T. -0.136 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

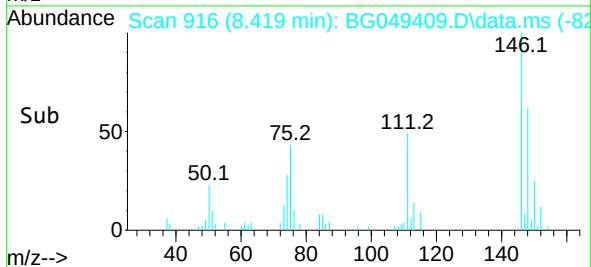
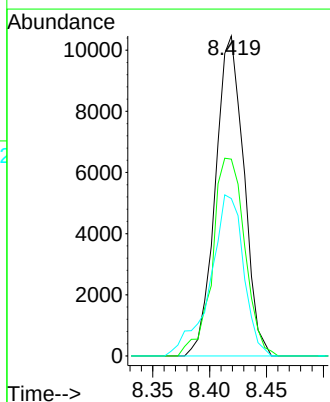
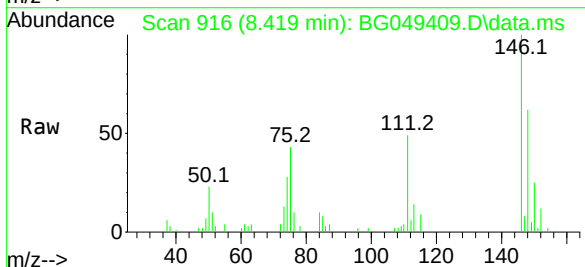
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

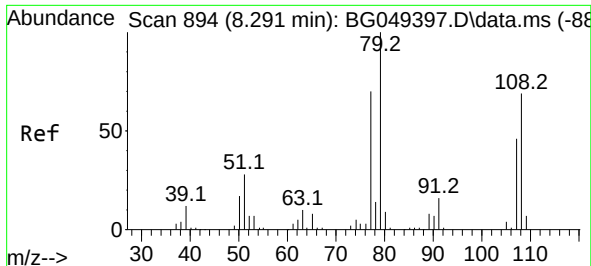
Tgt Ion:146 Resp: 19151
Ion Ratio Lower Upper
146 100
148 61.2 54.0 81.0
111 41.2 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 10.817 ng
RT: 8.419 min Scan# 916
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:146 Resp: 18169
Ion Ratio Lower Upper
146 100
148 61.5 47.5 71.3
111 49.2 39.1 58.7





#15

Benzyl Alcohol

Concen: 10.744 ng

RT: 8.302 min Scan# 896

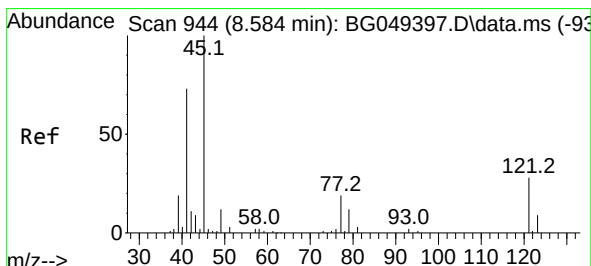
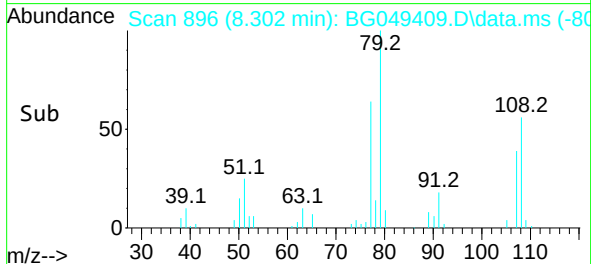
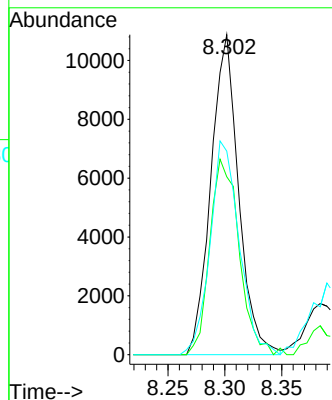
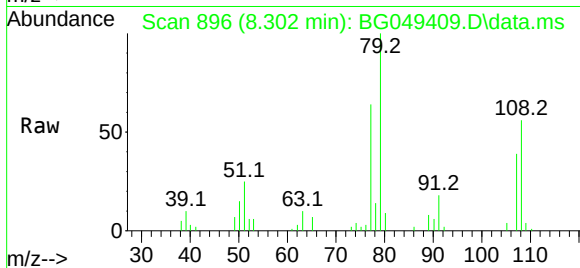
Delta R.T. 0.011 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion: 79 Resp: 18419

Ion	Ratio	Lower	Upper
79	100		
108	55.6	48.2	72.4
77	63.6	57.3	85.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.009 ng

RT: 8.589 min Scan# 945

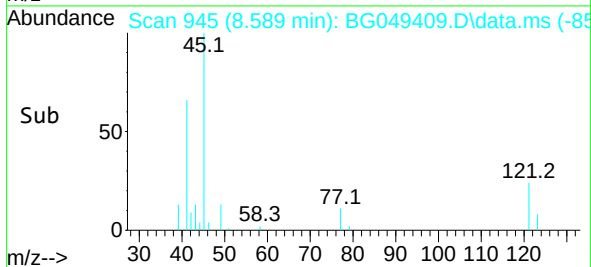
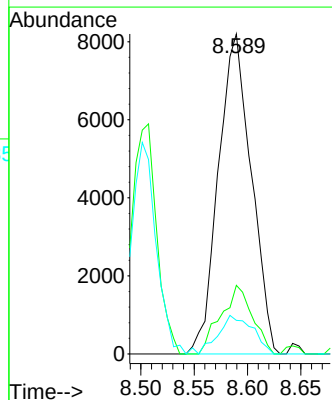
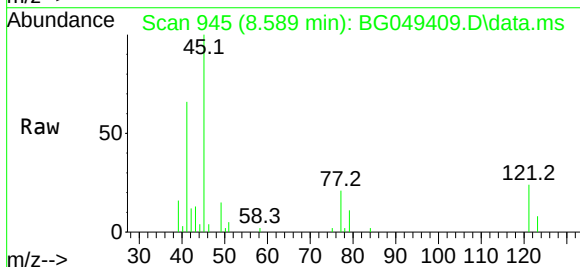
Delta R.T. 0.005 min

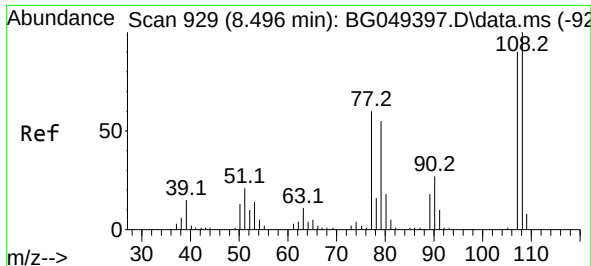
Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion: 45 Resp: 17599

Ion	Ratio	Lower	Upper
45	100		
77	21.4	2.2	42.2
79	10.5	0.0	34.3

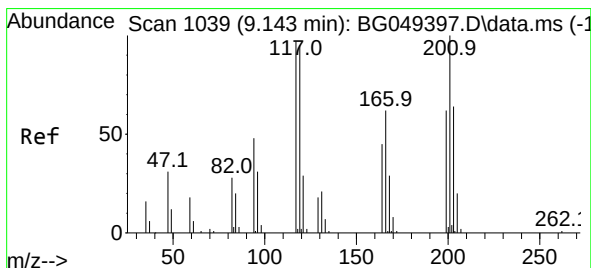
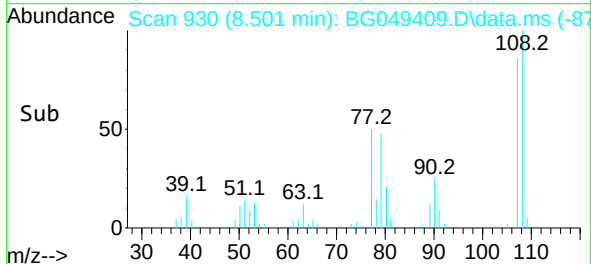
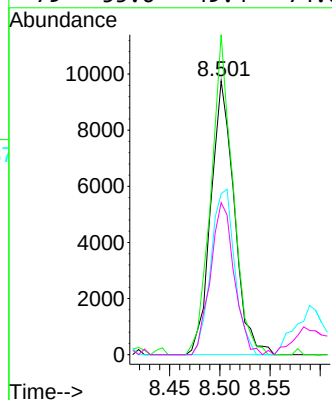
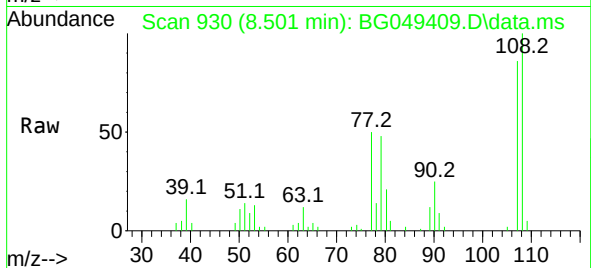




#17
2-Methylphenol
Concen: 11.890 ng
RT: 8.501 min Scan# 930
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

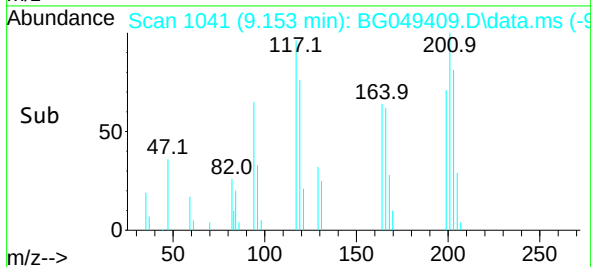
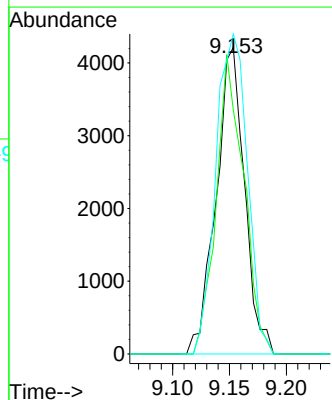
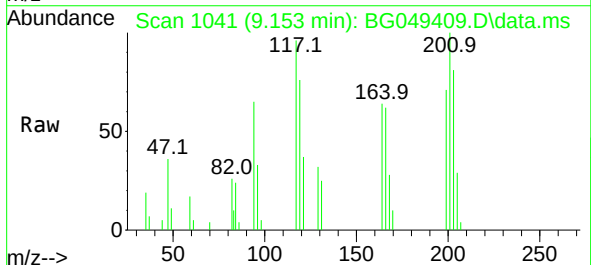
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

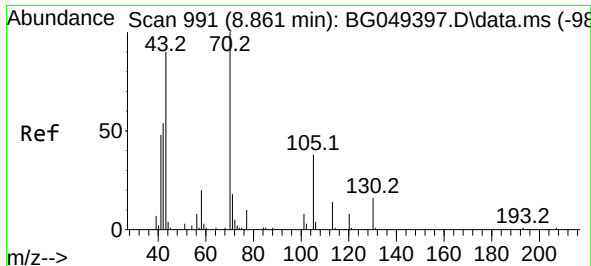
Tgt Ion:	107	Resp:	15816
Ion Ratio	Lower	Upper	
107	100		
108	116.9	84.6	127.0
77	58.8	50.7	76.1
79	55.6	49.4	74.0



#18
Hexachloroethane
Concen: 10.853 ng
RT: 9.153 min Scan# 1041
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

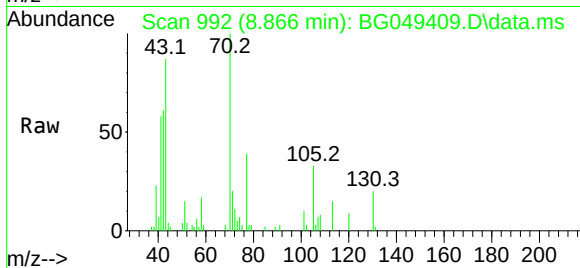
Tgt Ion:	117	Resp:	7334
Ion Ratio	Lower	Upper	
117	100		
119	79.5	74.4	111.6
201	104.4	88.6	133.0



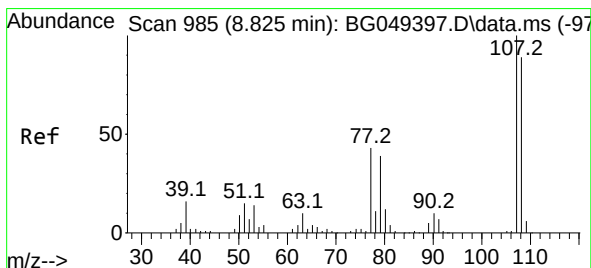
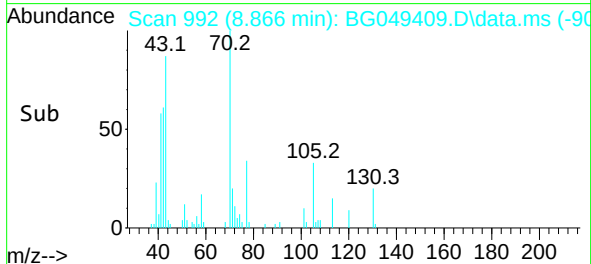
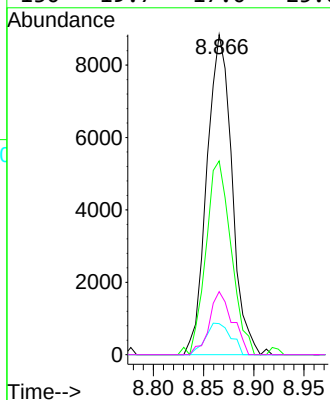


#19
n-Nitroso-di-n-propylamine
Concen: 11.180 ng
RT: 8.866 min Scan# 992
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

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

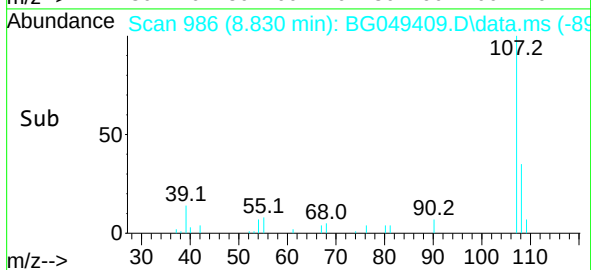
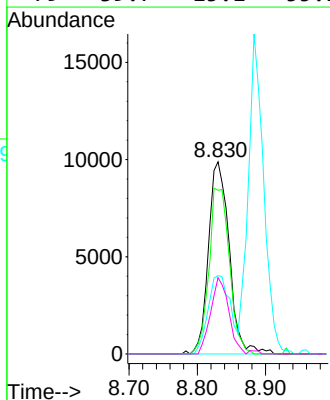
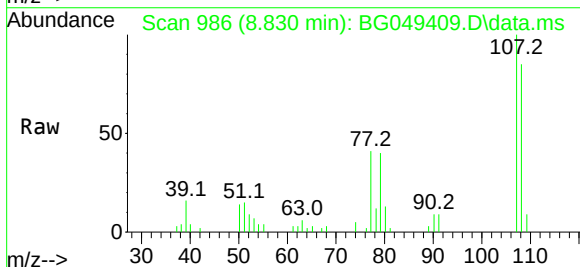


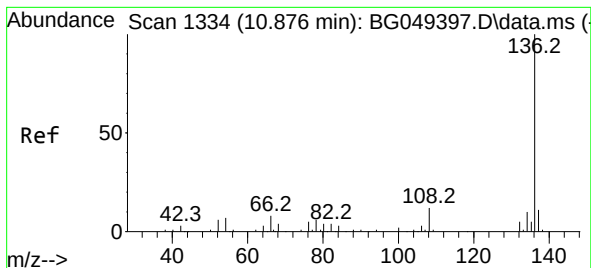
Tgt Ion:	70	Resp:	15406
Ion	Ratio	Lower	Upper
70	100		
42	60.5	54.5	81.7
101	9.7	9.0	13.6
130	19.7	17.0	25.6



#20
3+4-Methylphenols
Concen: 11.500 ng
RT: 8.830 min Scan# 986
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

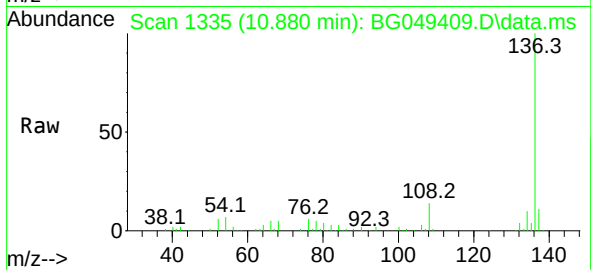
Tgt Ion:	107	Resp:	20963
Ion	Ratio	Lower	Upper
107	100		
108	85.2	69.3	109.3
77	40.8	25.2	65.2
79	39.7	15.1	55.1



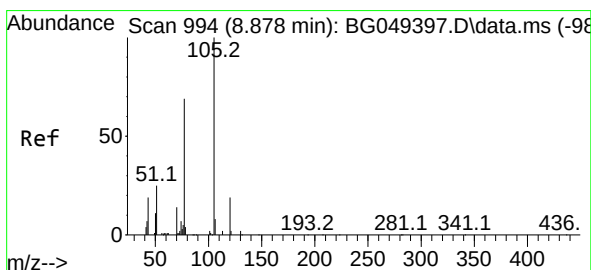
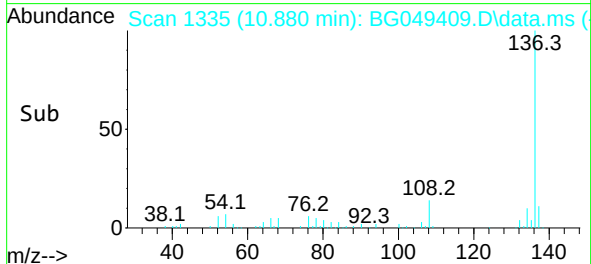
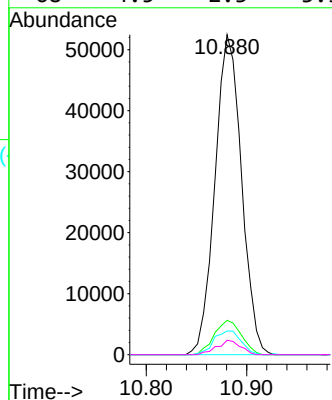


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1335
Delta R.T. 0.004 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

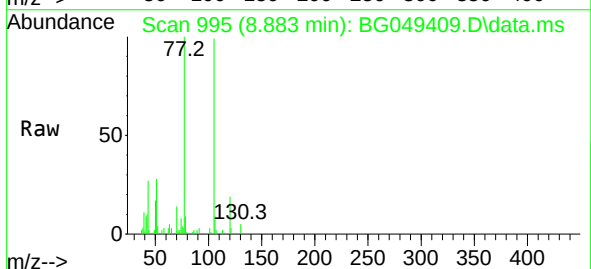
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



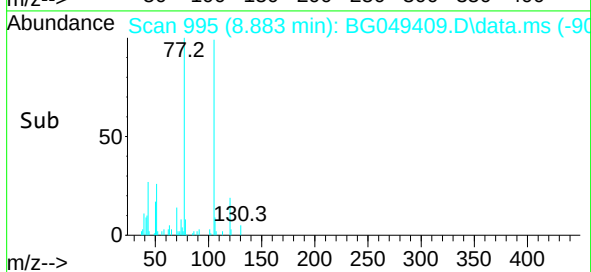
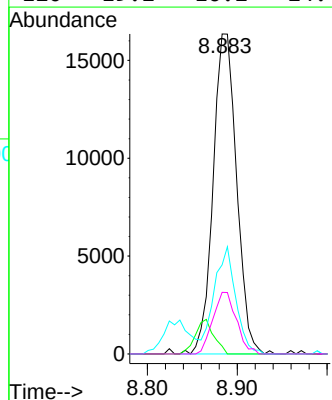
Tgt Ion:136 Resp: 96110
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.4 5.5 8.3
68 4.5 2.3 3.5#

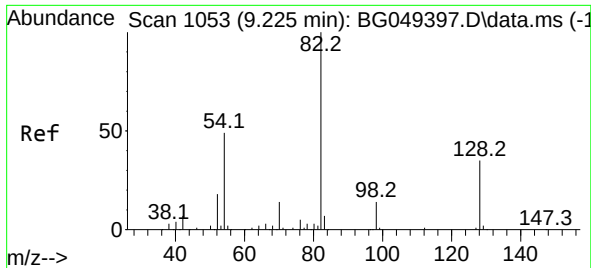


#22
Acetophenone
Concen: 11.564 ng
RT: 8.883 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



Tgt Ion:105 Resp: 29761
Ion Ratio Lower Upper
105 100
71 2.5 0.6 0.8#
51 27.8 26.6 40.0
120 19.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 73.157 ng

RT: 9.230 min Scan# 1054

Delta R.T. 0.005 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion: 82 Resp: 156929

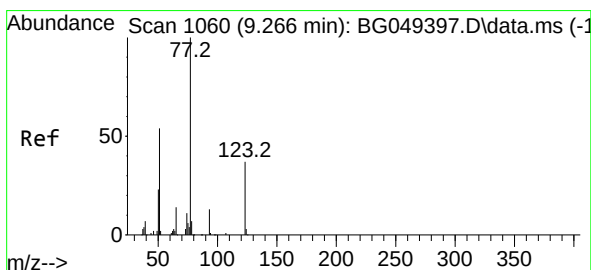
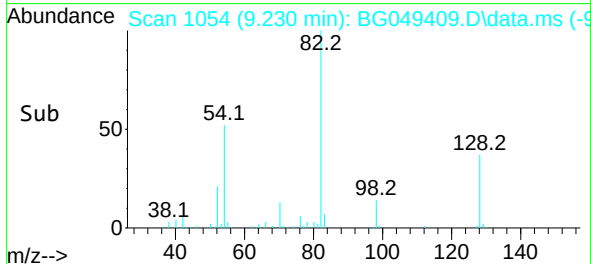
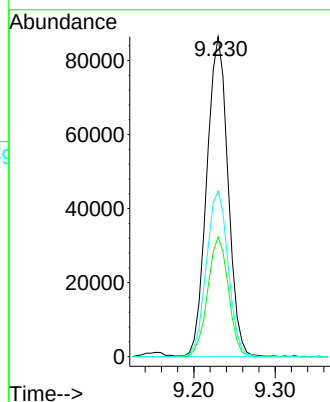
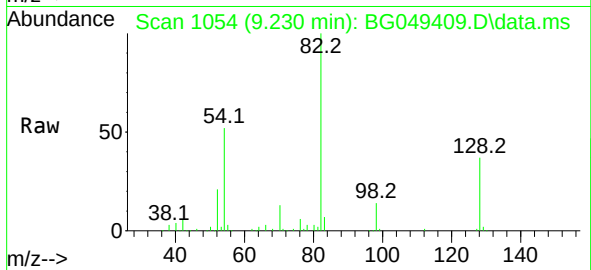
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.8	44.6
54	51.8	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#24

Nitrobenzene

Concen: 11.104 ng

RT: 9.271 min Scan# 1061

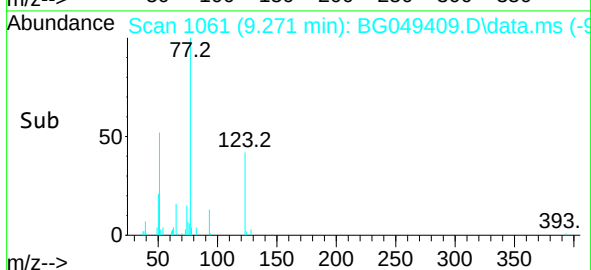
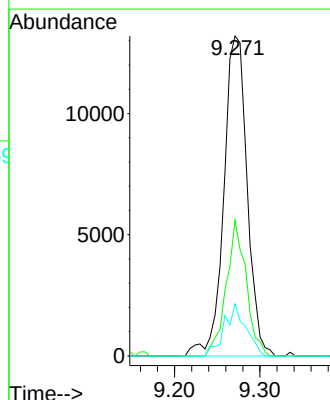
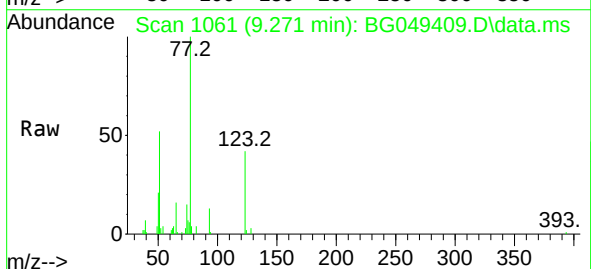
Delta R.T. 0.005 min

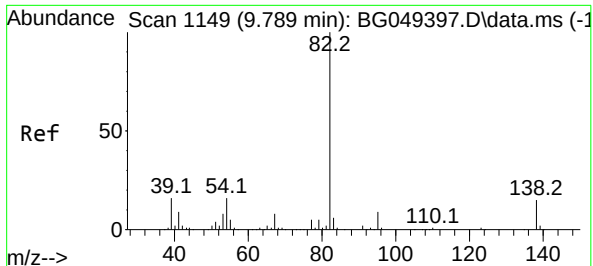
Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion: 77 Resp: 25017

Ion	Ratio	Lower	Upper
77	100		
123	42.4	27.5	41.3#
65	16.3	12.6	18.8

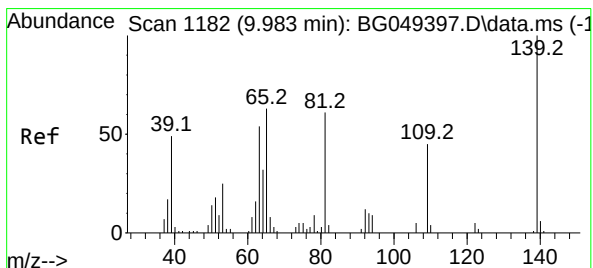
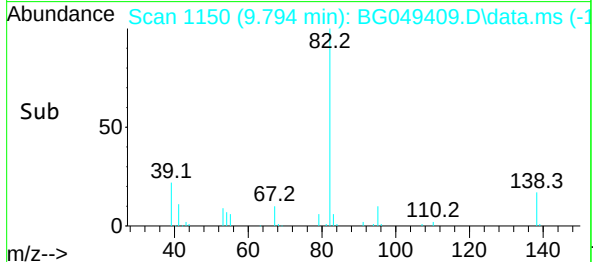
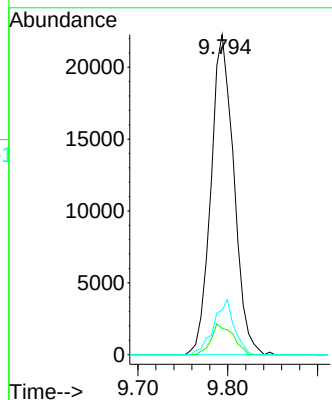
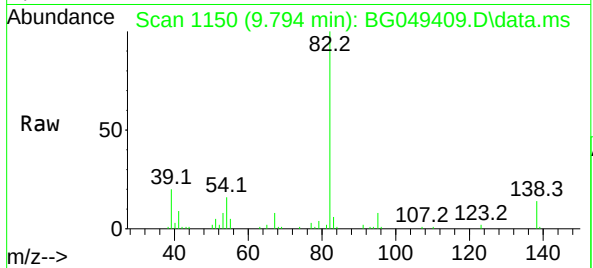




#25
Isophorone
Concen: 10.351 ng
RT: 9.794 min Scan# 1150
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

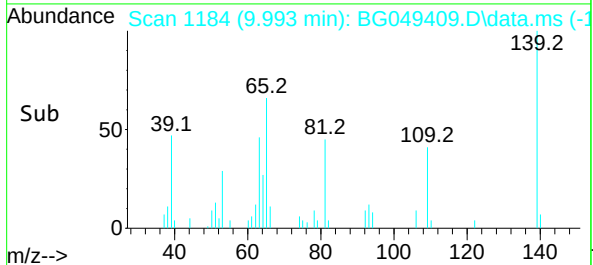
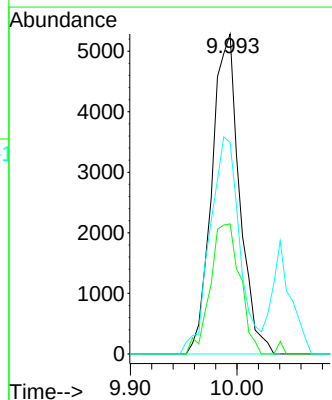
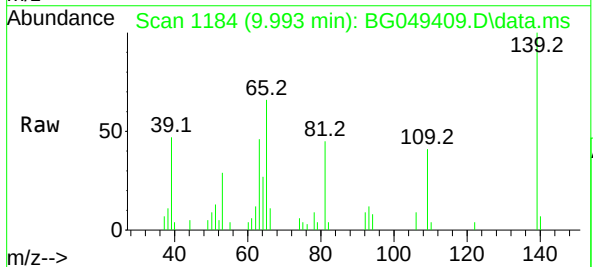
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

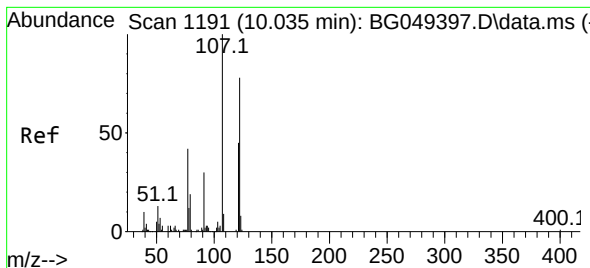
Tgt Ion: 82 Resp: 39340
Ion Ratio Lower Upper
82 100
95 8.3 8.5 12.7#
138 13.9 11.8 17.6



#26
2-Nitrophenol
Concen: 11.595 ng
RT: 9.993 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:139 Resp: 9482
Ion Ratio Lower Upper
139 100
109 40.6 37.8 56.6
65 66.1 51.8 77.8

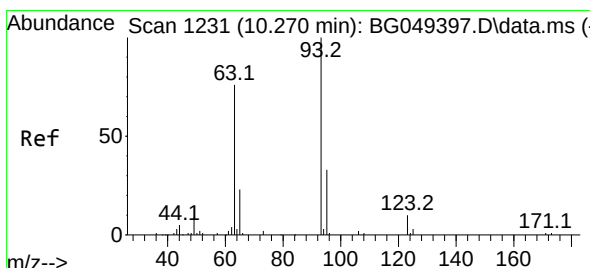
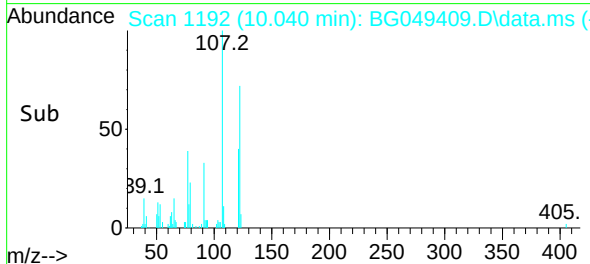
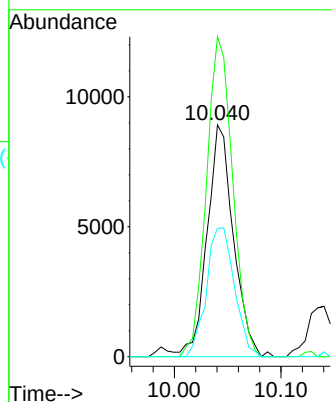
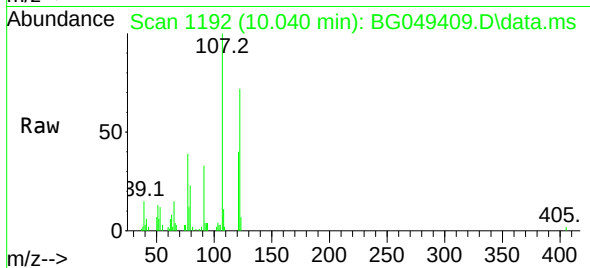




#27
2,4-Dimethylphenol
Concen: 11.656 ng
RT: 10.040 min Scan# 1192
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

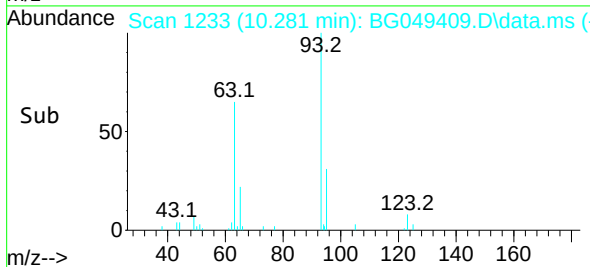
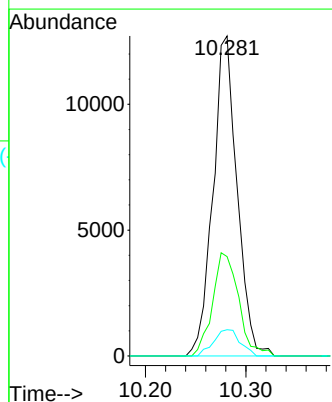
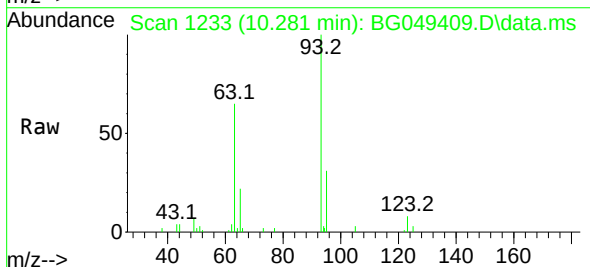
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

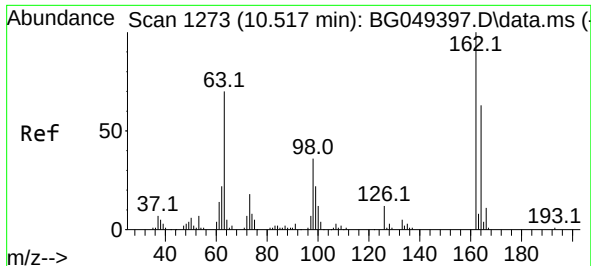
Tgt Ion:122 Resp: 15239
Ion Ratio Lower Upper
122 100
107 138.1 110.1 165.1
121 55.3 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 12.491 ng
RT: 10.281 min Scan# 1233
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 93 Resp: 21181
Ion Ratio Lower Upper
93 100
95 31.1 22.2 33.4
123 8.2 8.8 13.2#

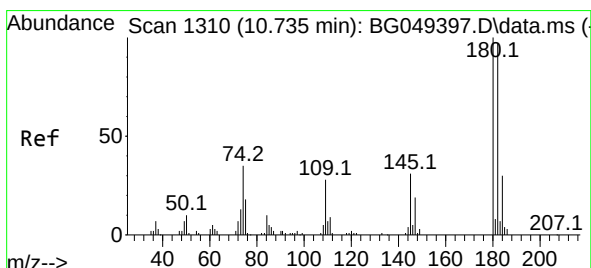
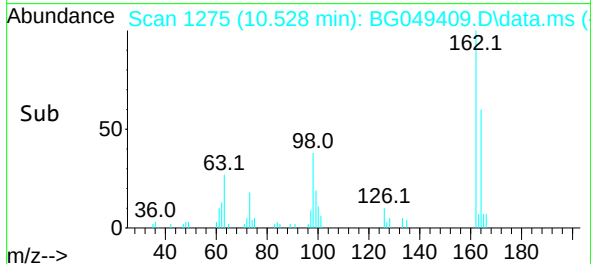
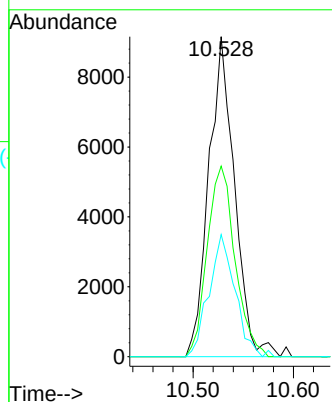
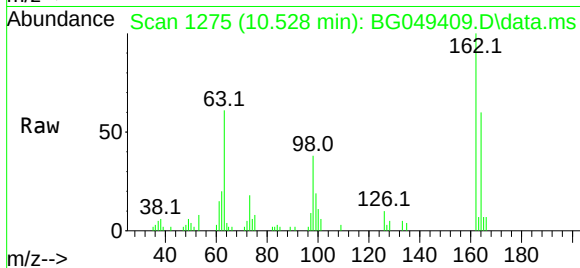




#29
2,4-Dichlorophenol
Concen: 10.793 ng
RT: 10.528 min Scan# 1275
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

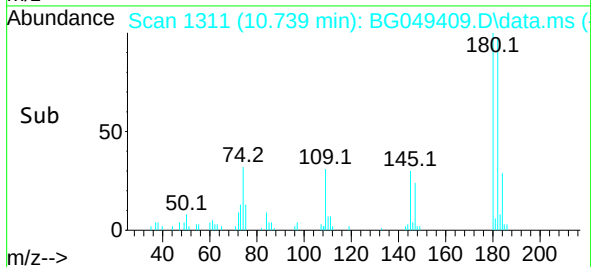
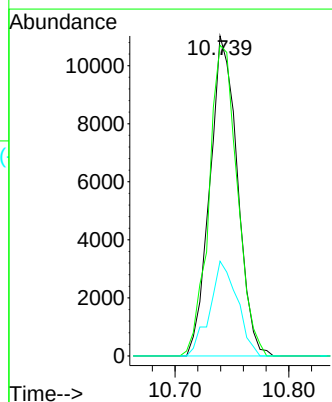
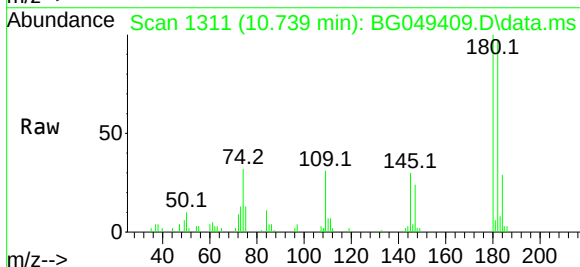
Instrument :
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ClientSampleId :
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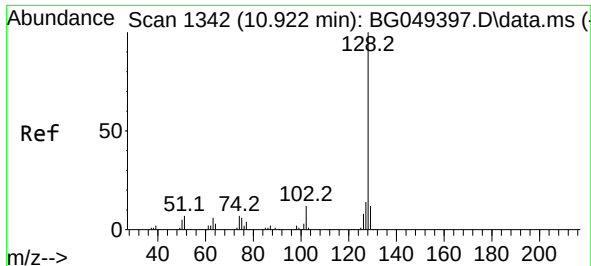
Tgt Ion:162	Resp:	16363
Ion Ratio	Lower	Upper
162	100	
164	59.6	39.4 79.4
98	38.2	18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 10.804 ng
RT: 10.739 min Scan# 1311
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

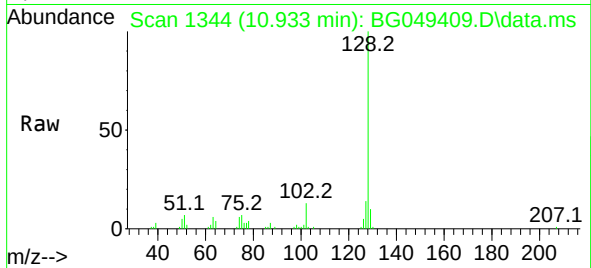
Tgt Ion:180	Resp:	18499
Ion Ratio	Lower	Upper
180	100	
182	97.1	78.9 118.3
145	29.6	26.2 39.4



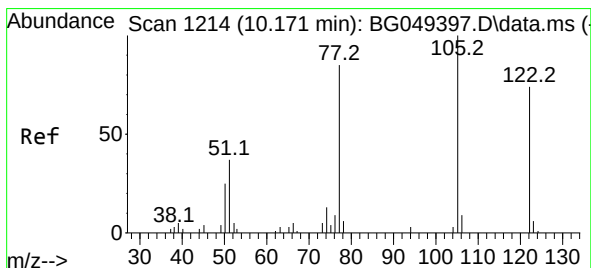
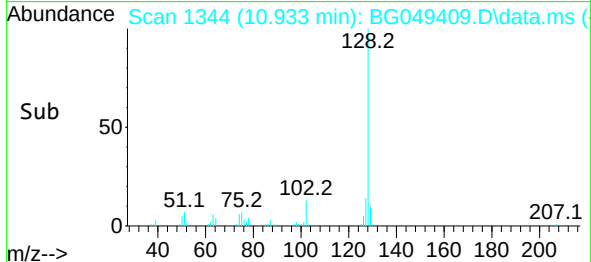
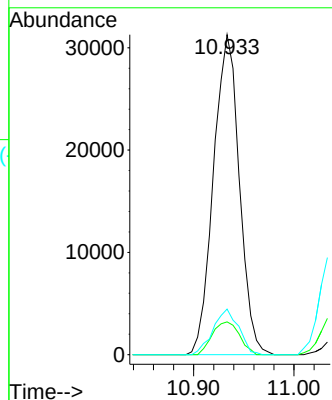


#31
Naphthalene
Concen: 11.049 ng
RT: 10.933 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Instrument :
BNA_G
ClientSampleId :
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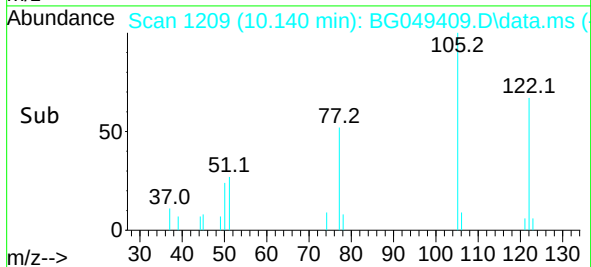
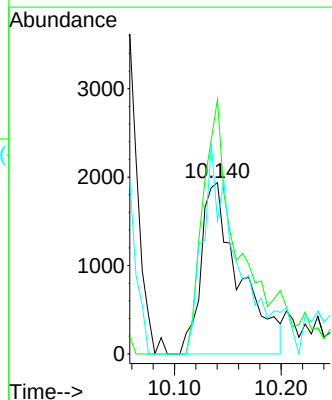
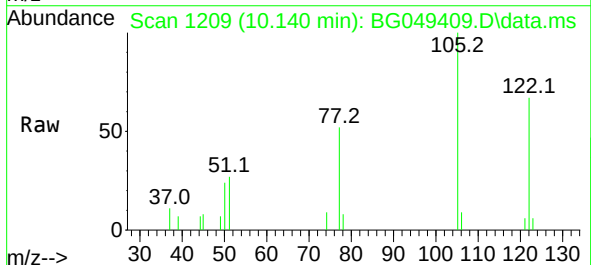


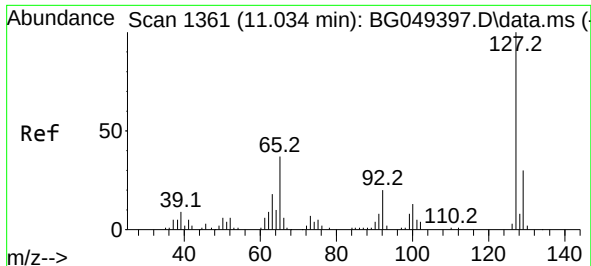
Tgt Ion:128 Resp: 56004
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 14.3 10.2 15.4



#32
Benzoic acid
Concen: 5.683 ng
RT: 10.140 min Scan# 1209
Delta R.T. -0.031 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:122 Resp: 4882
Ion Ratio Lower Upper
122 100
105 148.6 92.3 132.3#
77 77.7 66.5 106.5

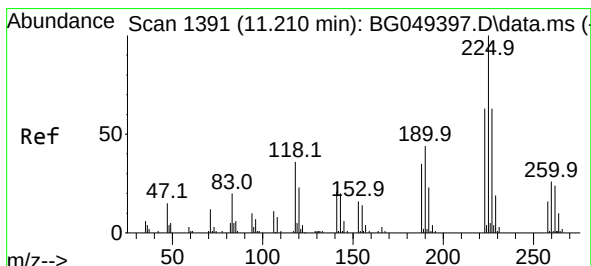
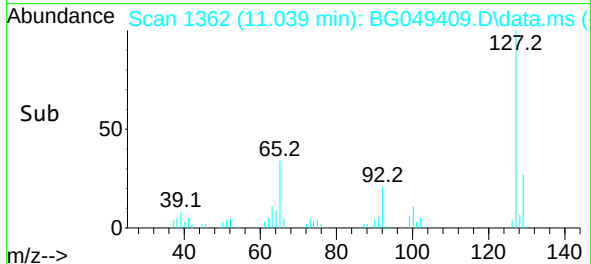
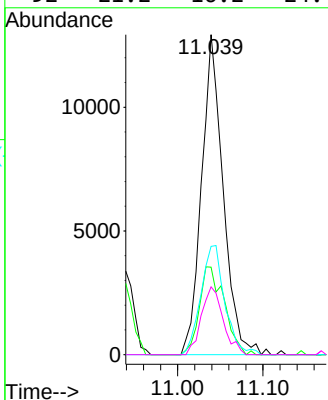
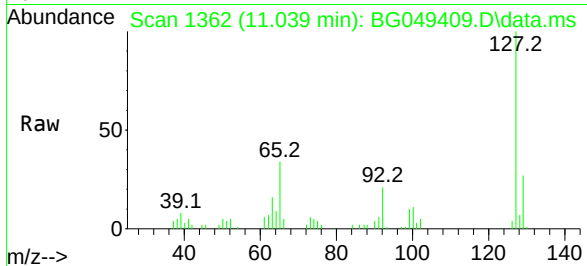




#33
4-Chloroaniline
Concen: 11.787 ng
RT: 11.039 min Scan# 1362
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

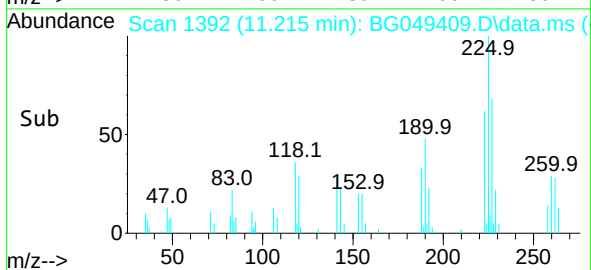
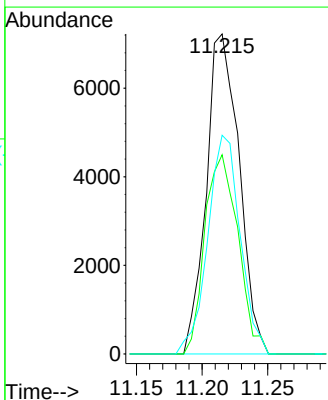
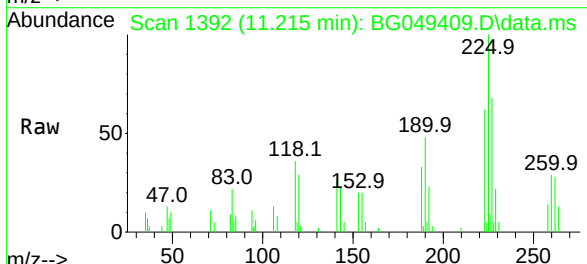
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

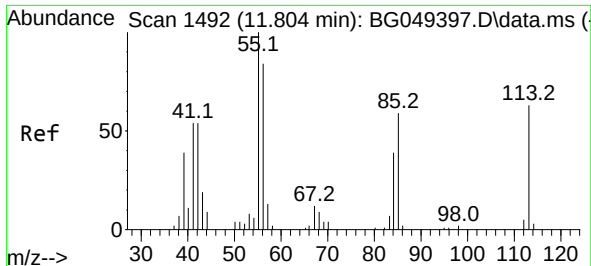
Tgt Ion:	127	Resp:	22799
Ion Ratio	Lower	Upper	
127	100		
129	27.3	26.7	40.1
65	33.9	32.8	49.2
92	21.2	16.2	24.4



#34
Hexachlorobutadiene
Concen: 10.246 ng
RT: 11.215 min Scan# 1392
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:	225	Resp:	12571
Ion Ratio	Lower	Upper	
225	100		
223	62.2	49.8	74.8
227	68.4	46.4	69.6

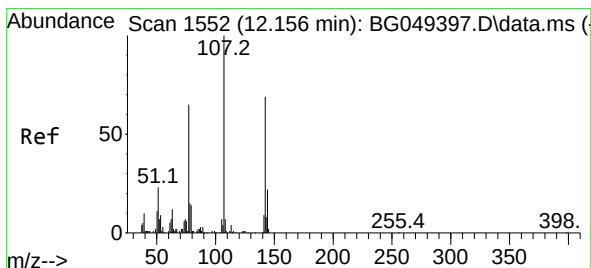
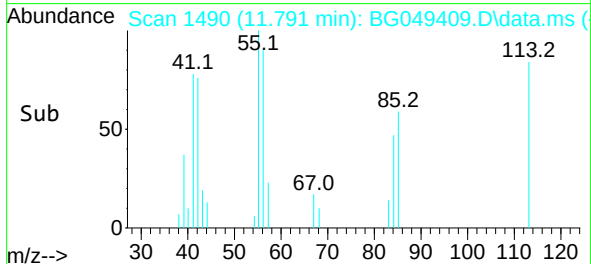
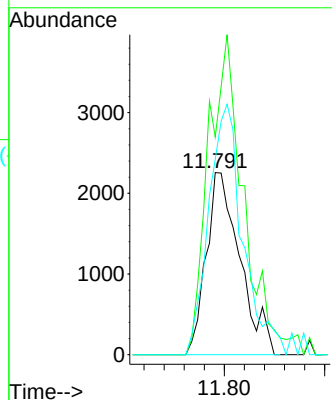
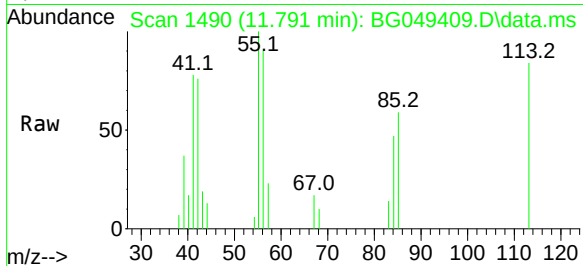




#35
Caprolactam
Concen: 11.166 ng
RT: 11.791 min Scan# 1490
Delta R.T. -0.013 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

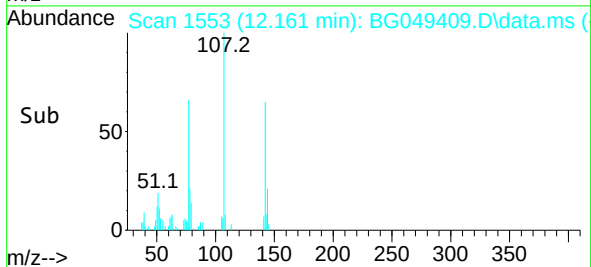
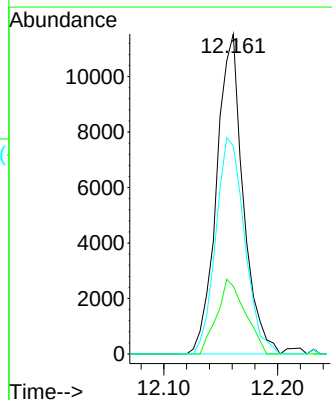
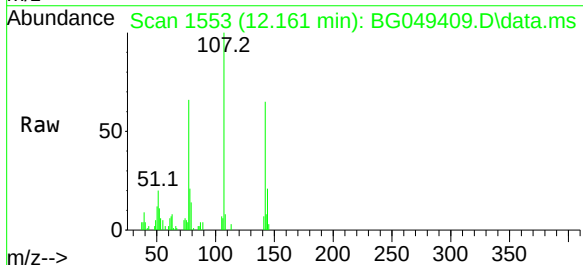
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

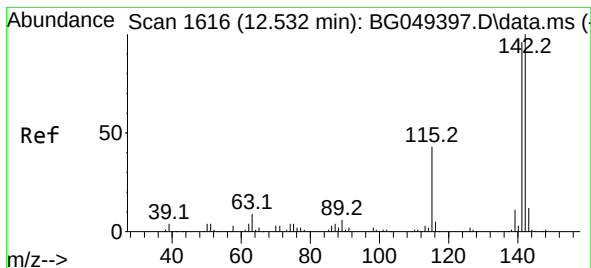
Tgt Ion:113 Resp: 5257
Ion Ratio Lower Upper
113 100
55 119.5 113.8 153.8
56 107.3 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 10.458 ng
RT: 12.161 min Scan# 1553
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

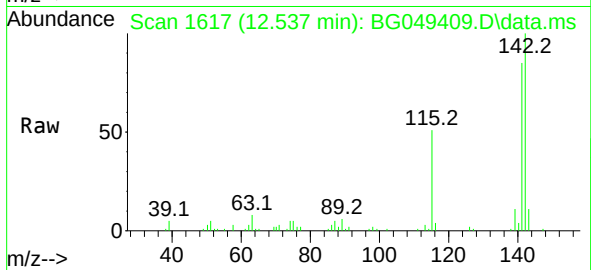
Tgt Ion:107 Resp: 18700
Ion Ratio Lower Upper
107 100
144 21.1 24.8 37.2#
142 64.9 62.2 93.4



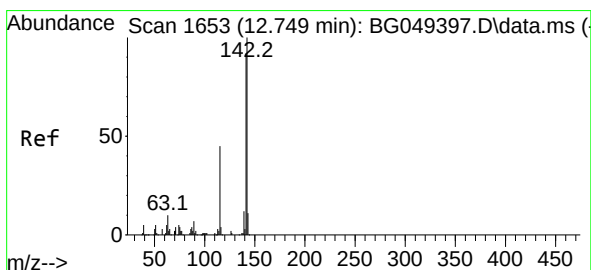
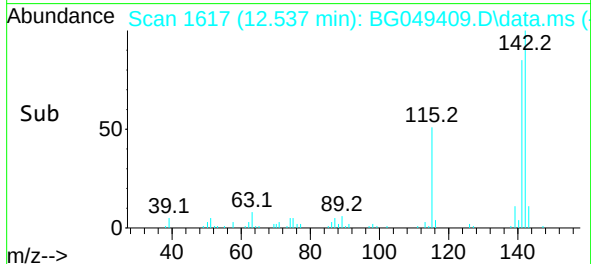
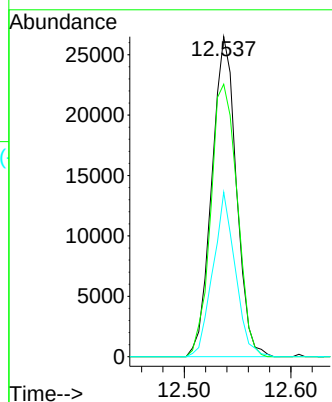


#37
2-Methylnaphthalene
Concen: 11.442 ng
RT: 12.537 min Scan# 1617
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

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

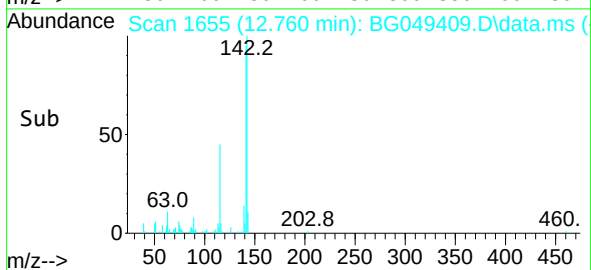
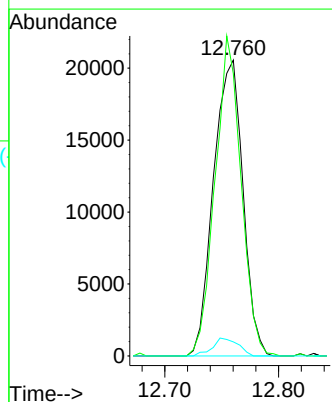
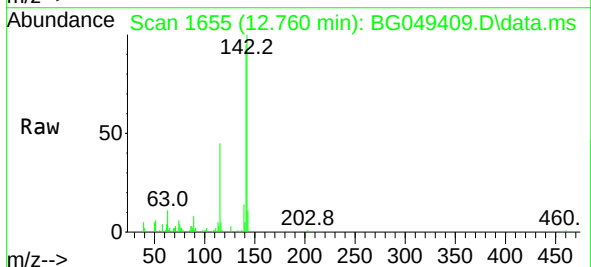


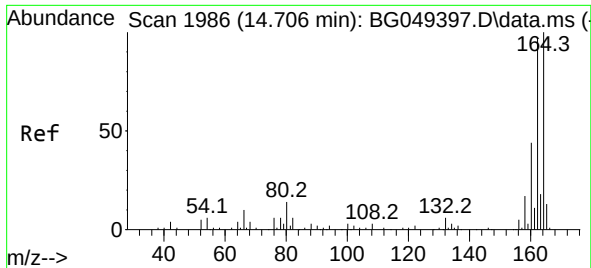
Tgt Ion:142 Resp: 42330
Ion Ratio Lower Upper
142 100
141 85.2 68.8 103.2
115 51.4 36.4 54.6



#38
1-Methylnaphthalene
Concen: 10.450 ng
RT: 12.760 min Scan# 1655
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:142 Resp: 36963
Ion Ratio Lower Upper
142 100
141 95.4 70.6 106.0
116 4.7 4.0 6.0

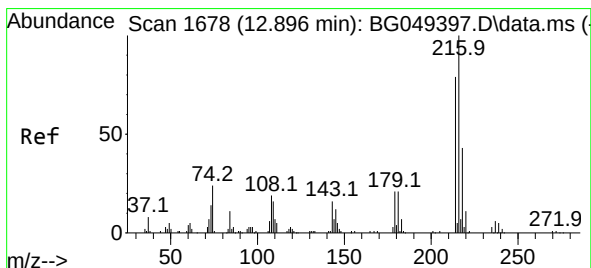
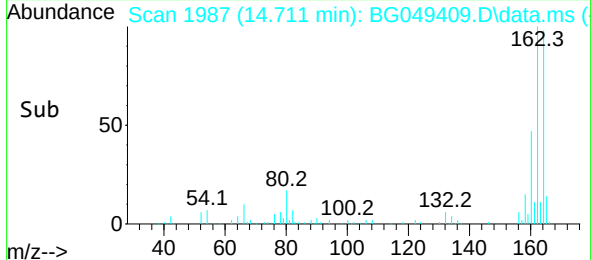
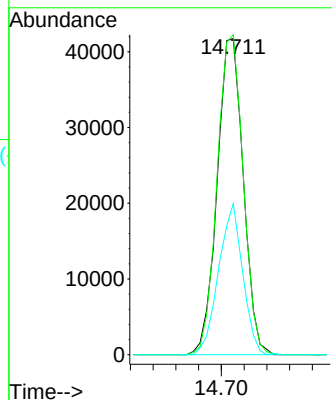
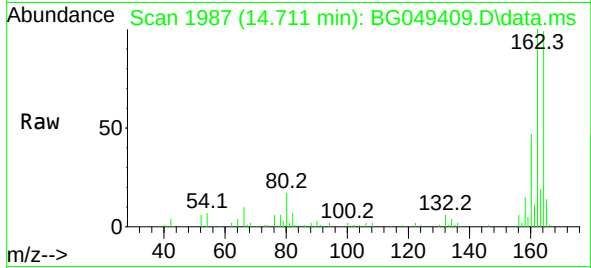




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1987
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

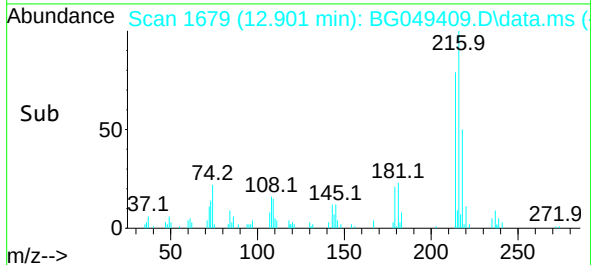
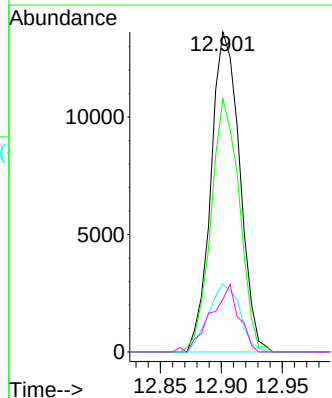
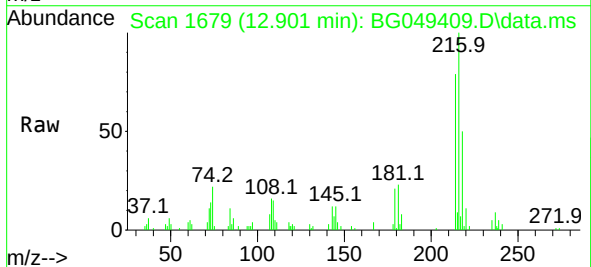
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

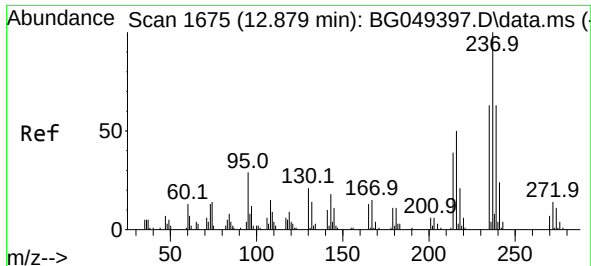
Tgt Ion:164 Resp: 66674
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 47.9 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.318 ng
RT: 12.901 min Scan# 1679
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

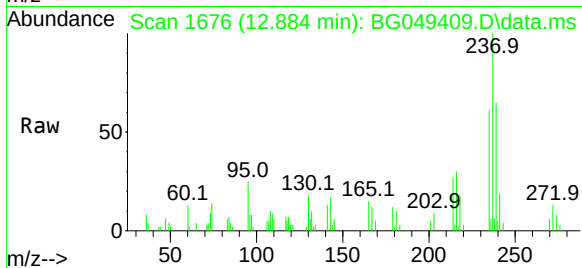
Tgt Ion:216 Resp: 22316
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
179 23.0 17.3 25.9
108 20.6 16.3 24.5



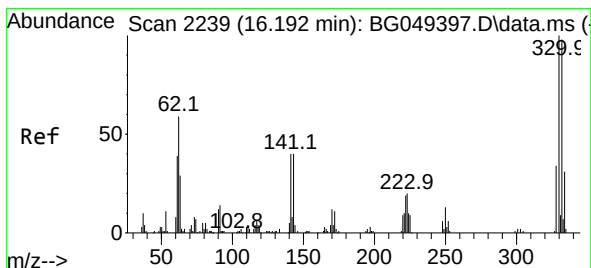
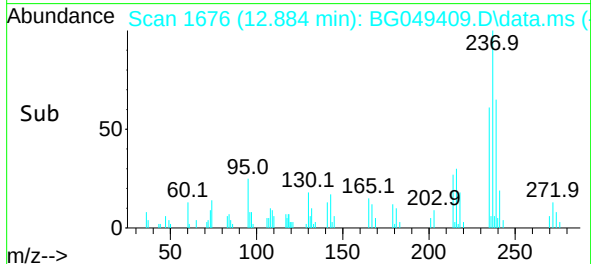
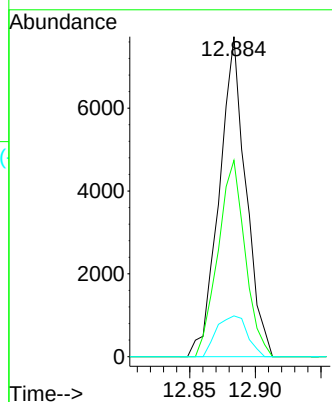


#41
Hexachlorocyclopentadiene
Concen: 12.353 ng
RT: 12.884 min Scan# 1676
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

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

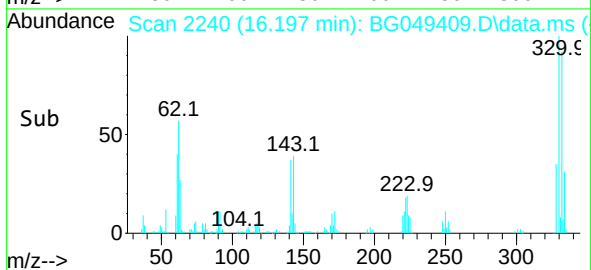
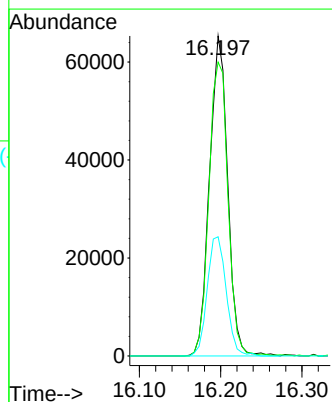
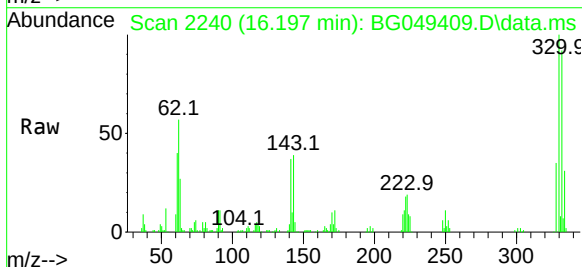


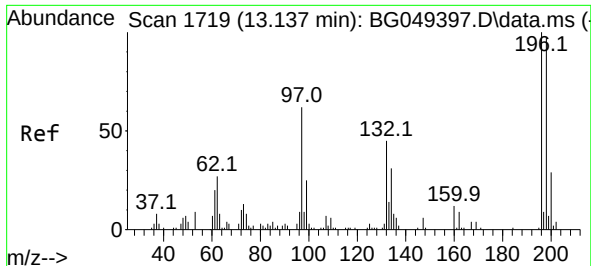
Tgt Ion:237 Resp: 10872
Ion Ratio Lower Upper
237 100
235 61.4 36.6 76.6
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 113.528 ng
RT: 16.197 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:330 Resp: 101368
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 38.9 35.6 53.4

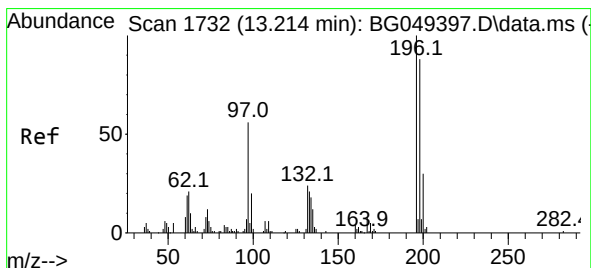
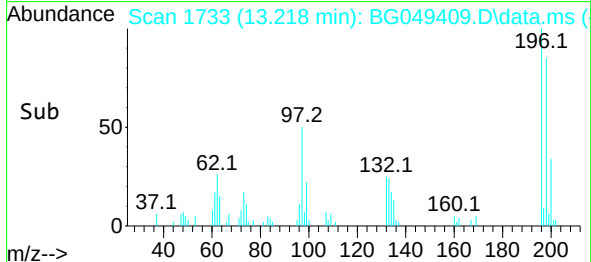
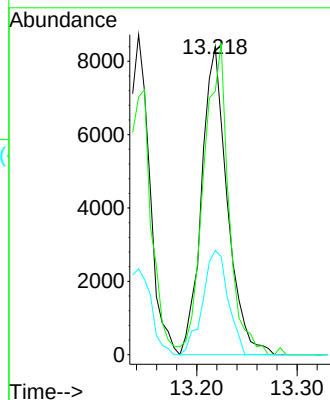
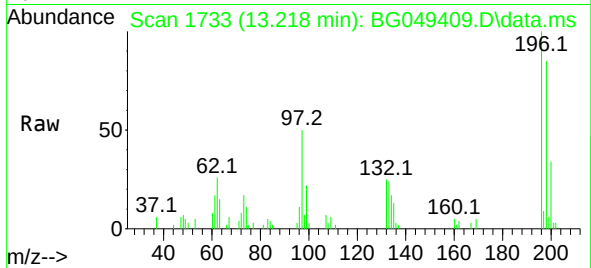




#43
2,4,6-Trichlorophenol
Concen: 11.621 ng
RT: 13.218 min Scan# 1733
Delta R.T. 0.081 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

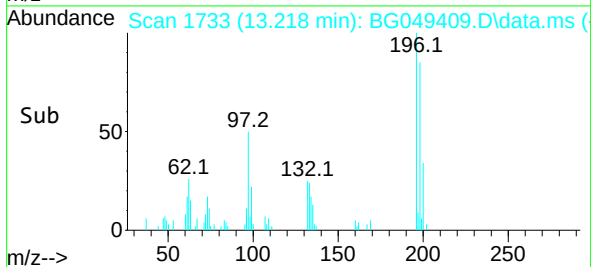
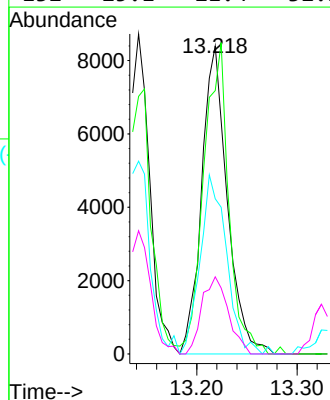
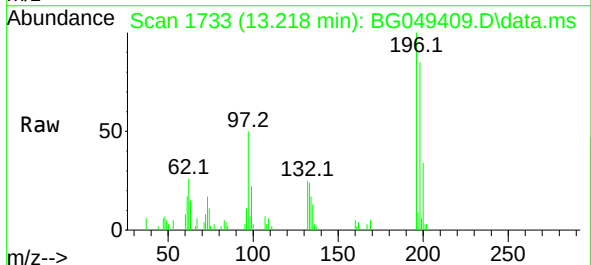
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

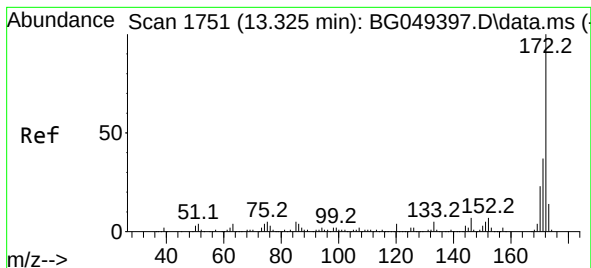
Tgt Ion:196 Resp: 14944
Ion Ratio Lower Upper
196 100
198 85.5 82.1 123.1
200 33.8 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 10.743 ng
RT: 13.218 min Scan# 1733
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:196 Resp: 14944
Ion Ratio Lower Upper
196 100
198 85.5 87.4 131.0#
97 50.4 43.3 64.9
132 25.1 21.4 32.2

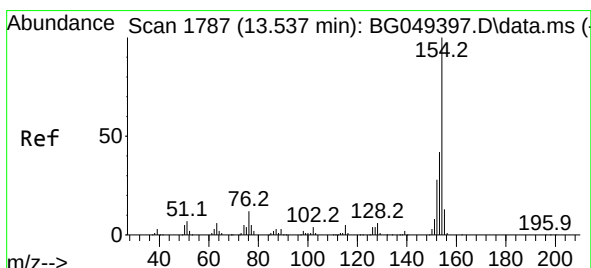
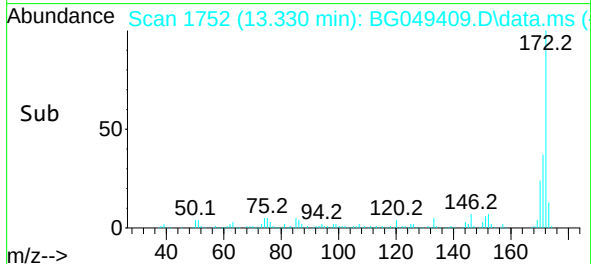
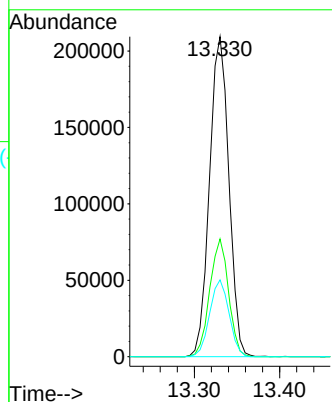
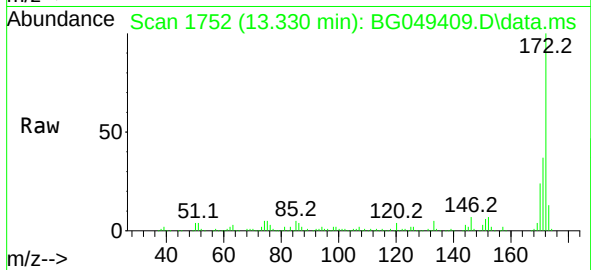




#45
2-Fluorobiphenyl
Concen: 71.147 ng
RT: 13.330 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

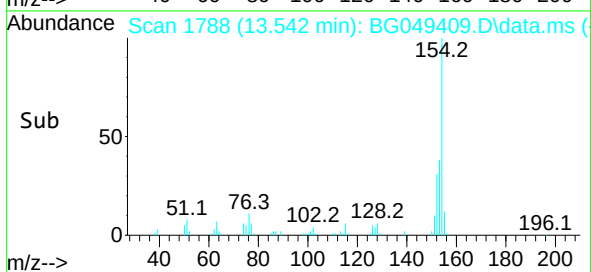
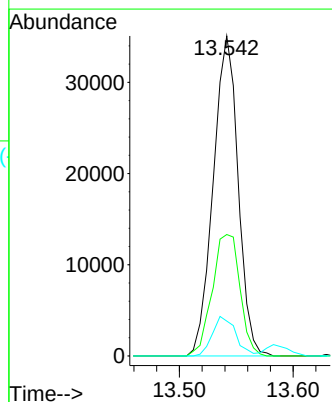
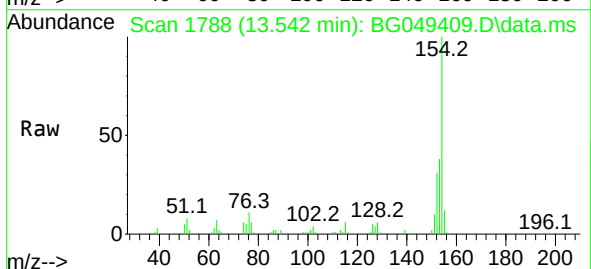
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

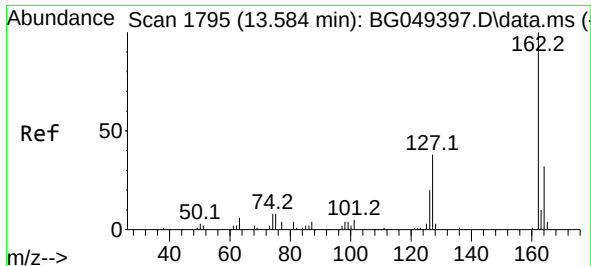
Tgt Ion:172 Resp: 329668
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 10.912 ng
RT: 13.542 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:154 Resp: 53338
Ion Ratio Lower Upper
154 100
153 38.0 20.5 60.5
76 10.9 0.0 29.3

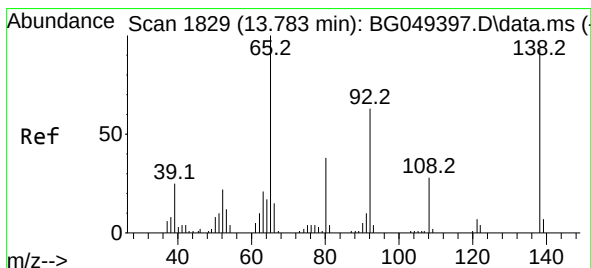
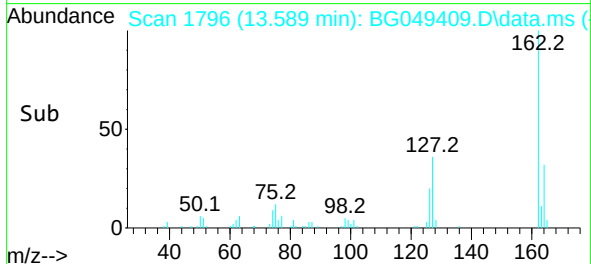
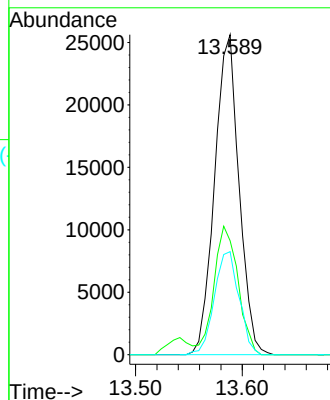
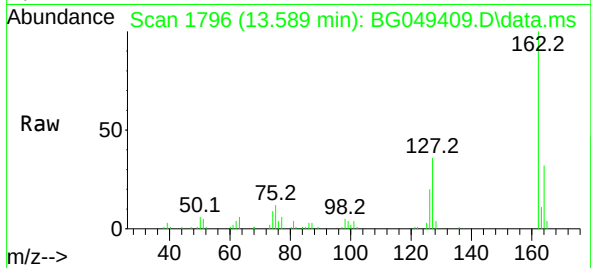




#47
2-Chloronaphthalene
Concen: 10.826 ng
RT: 13.589 min Scan# 1796
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

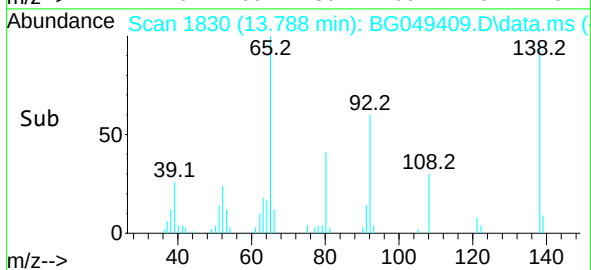
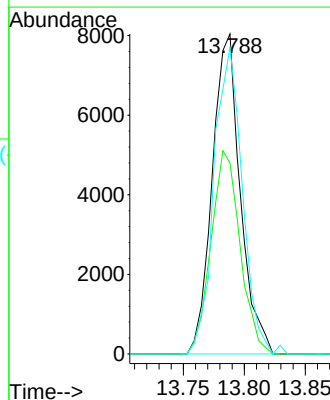
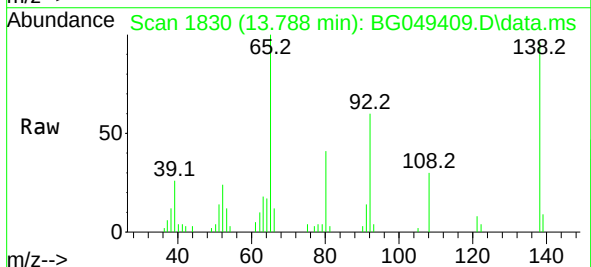
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

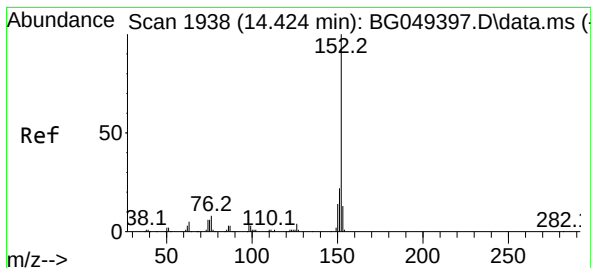
Tgt Ion:162 Resp: 40646
Ion Ratio Lower Upper
162 100
127 35.6 32.7 49.1
164 32.2 27.0 40.4



#48
2-Nitroaniline
Concen: 9.851 ng
RT: 13.788 min Scan# 1830
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 65 Resp: 12870
Ion Ratio Lower Upper
65 100
92 59.7 47.2 70.8
138 95.8 68.0 102.0

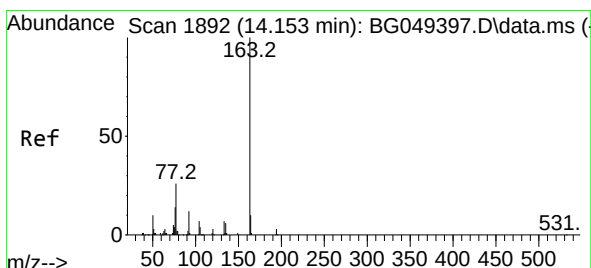
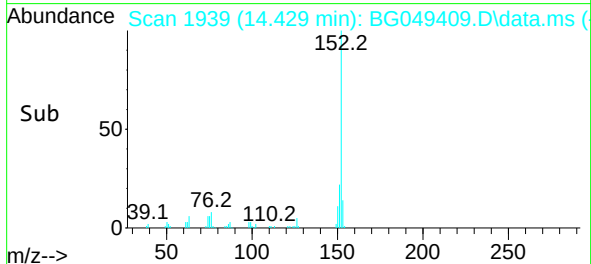
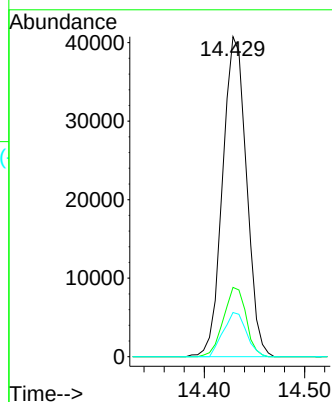
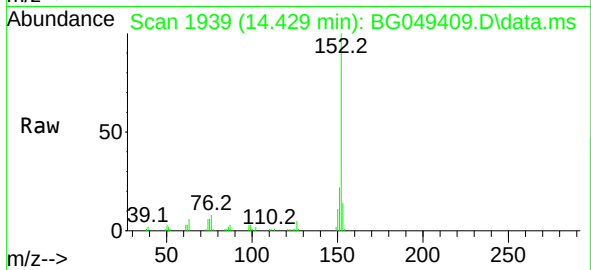




#49
Acenaphthylene
Concen: 11.047 ng
RT: 14.429 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

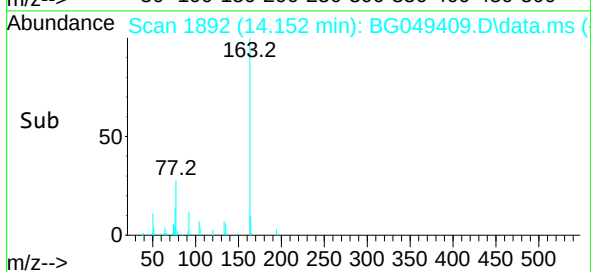
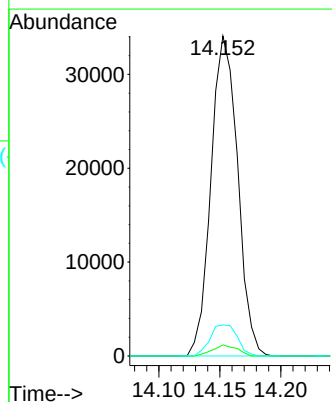
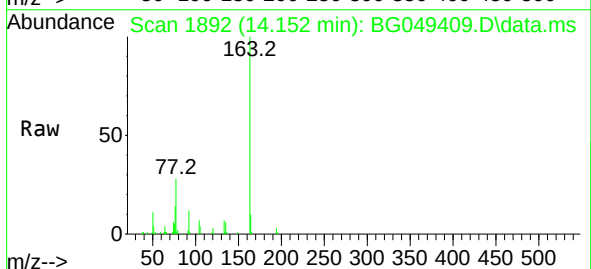
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

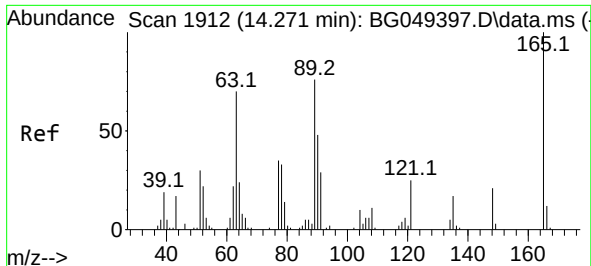
Tgt Ion:152 Resp: 67246
Ion Ratio Lower Upper
152 100
151 21.6 18.2 27.4
153 13.8 11.7 17.5



#50
Dimethylphthalate
Concen: 10.702 ng
RT: 14.152 min Scan# 1892
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:163 Resp: 51839
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 9.7 8.6 12.8

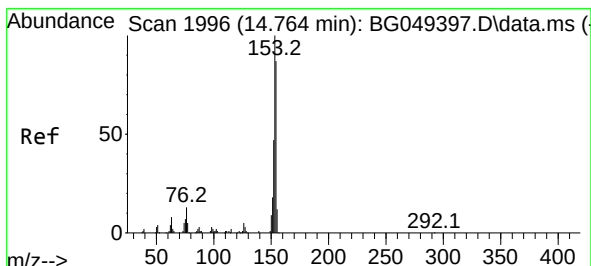
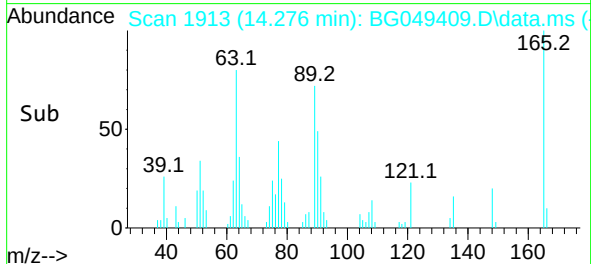
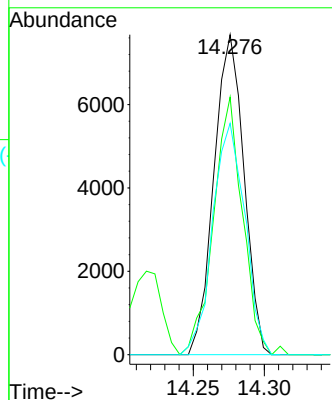
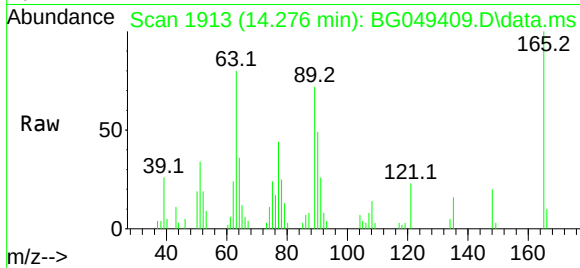




#51
2,6-Dinitrotoluene
Concen: 10.694 ng
RT: 14.276 min Scan# 1913
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

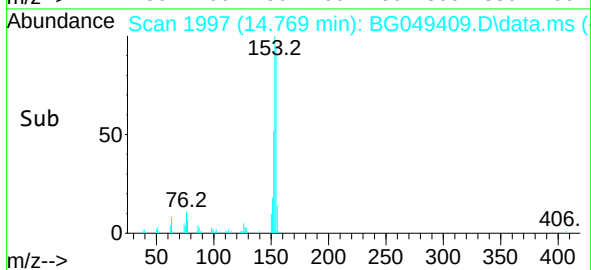
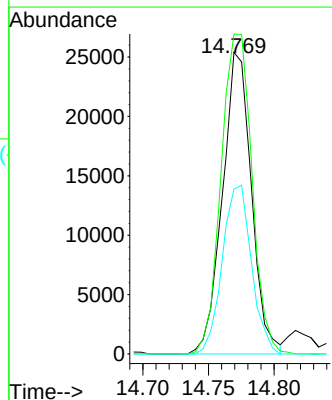
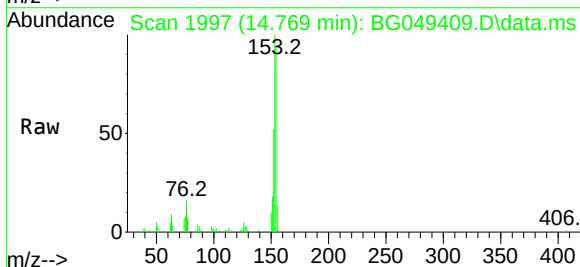
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

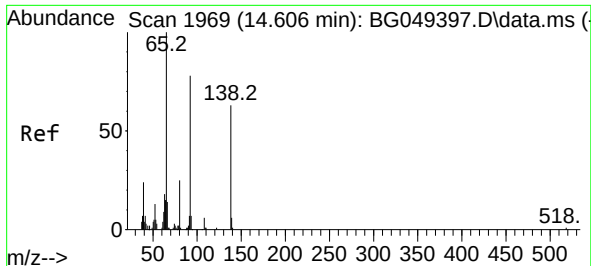
Tgt Ion:165 Resp: 11246
Ion Ratio Lower Upper
165 100
63 80.5 63.3 94.9
89 72.3 63.4 95.0



#52
Acenaphthene
Concen: 10.629 ng
RT: 14.769 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:154 Resp: 39050
Ion Ratio Lower Upper
154 100
153 106.1 87.0 130.4
152 54.7 40.1 60.1

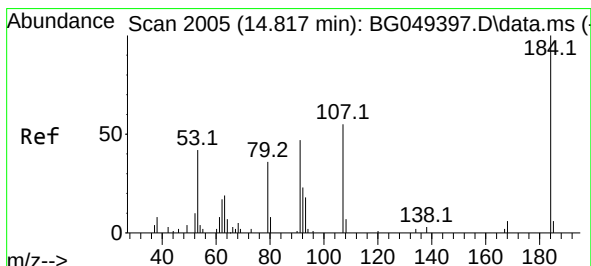
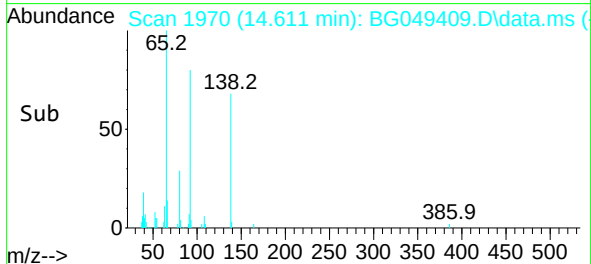
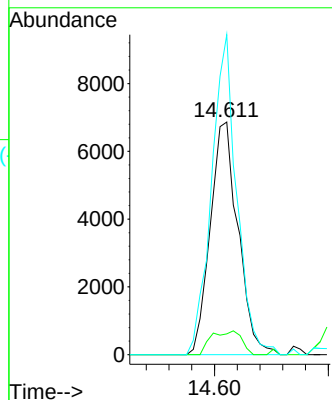
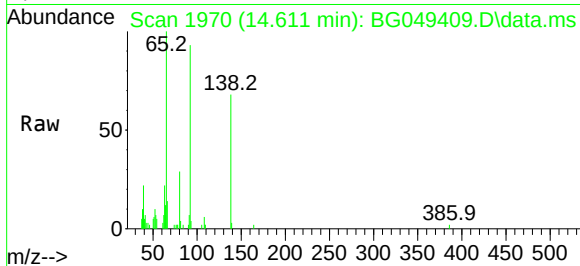




#53
3-Nitroaniline
Concen: 11.053 ng
RT: 14.611 min Scan# 1970
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

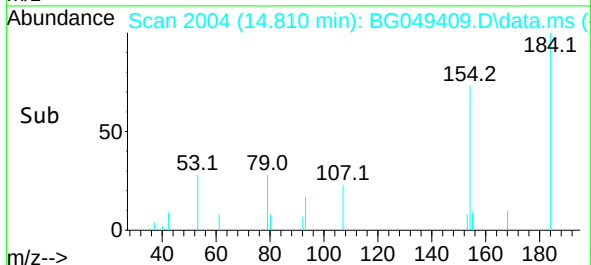
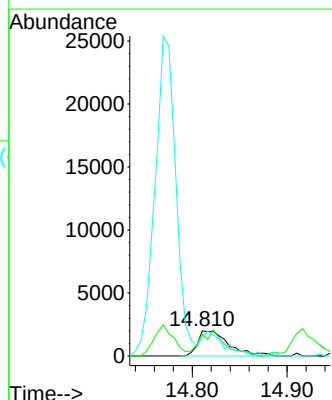
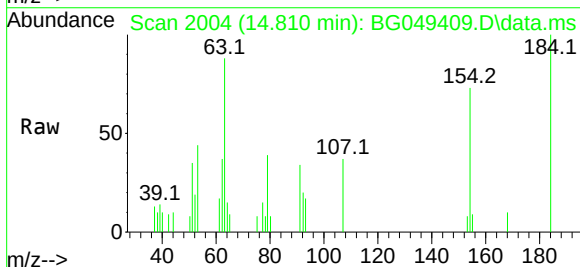
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

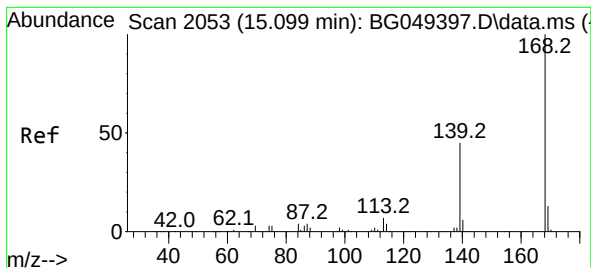
Tgt Ion:138 Resp: 11655
Ion Ratio Lower Upper
138 100
108 9.0 8.3 12.5
92 137.6 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 10.173 ng
RT: 14.810 min Scan# 2004
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:184 Resp: 4503
Ion Ratio Lower Upper
184 100
63 87.5 68.3 102.5
154 72.5 62.6 93.8

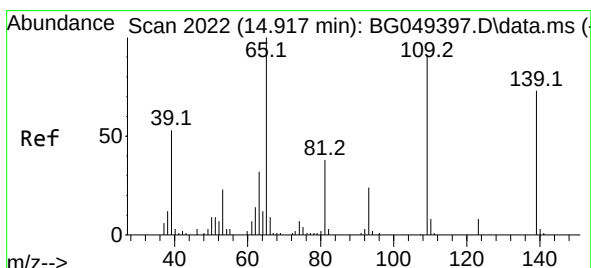
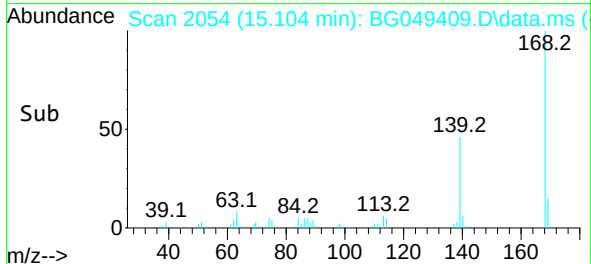
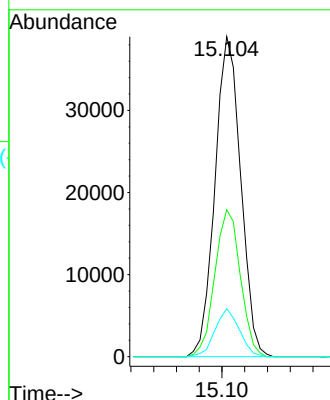
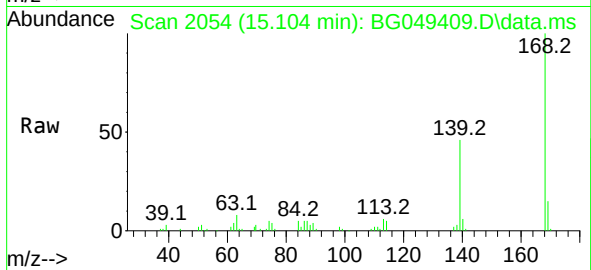




#55
Dibenzofuran
Concen: 10.396 ng
RT: 15.104 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

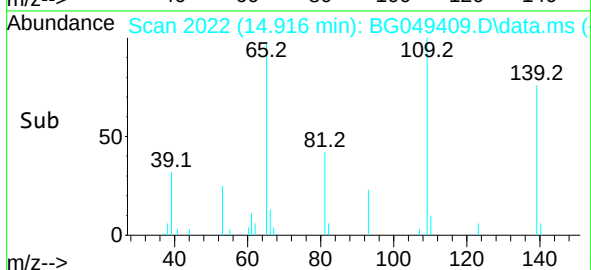
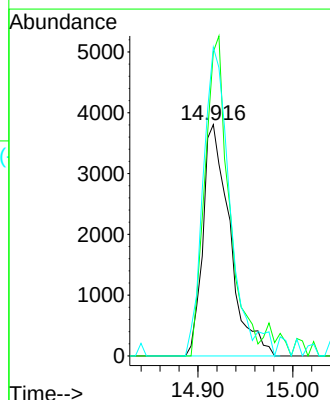
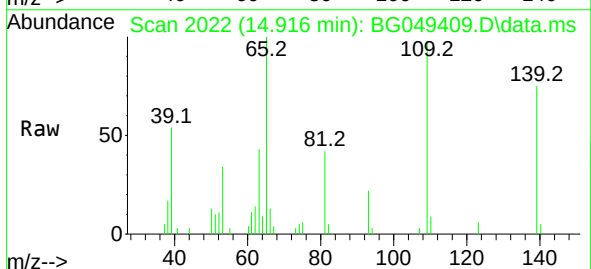
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

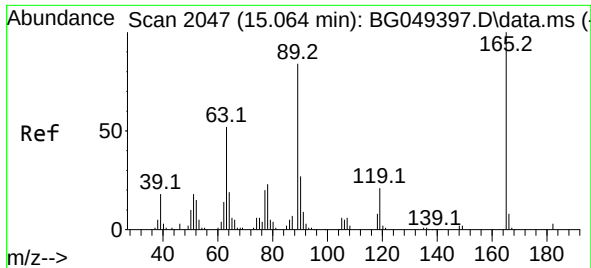
Tgt Ion:168 Resp: 61287
Ion Ratio Lower Upper
168 100
139 45.9 33.4 50.2
169 15.0 12.3 18.5



#56
4-Nitrophenol
Concen: 9.029 ng
RT: 14.916 min Scan# 2022
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:139 Resp: 7510
Ion Ratio Lower Upper
139 100
109 131.5 116.3 156.3
65 133.5 105.0 145.0

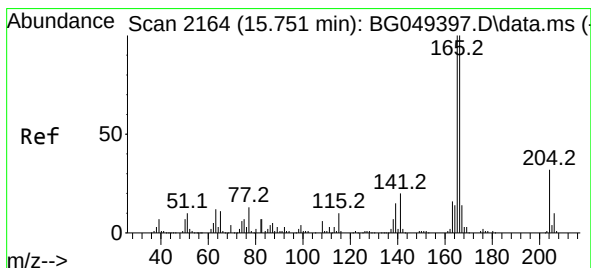
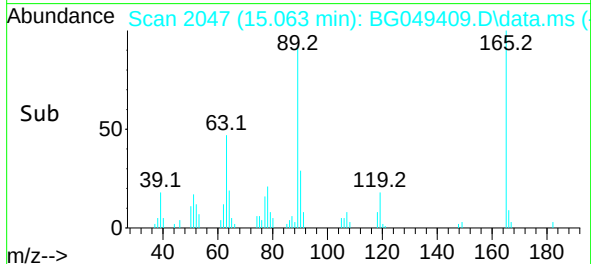
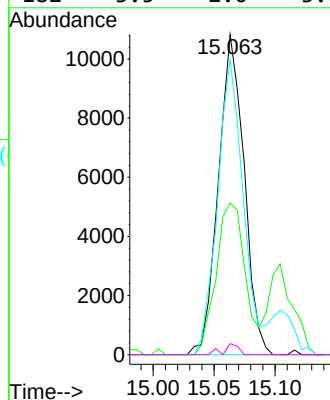
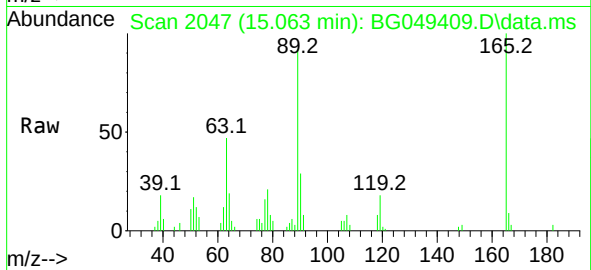




#57
2,4-Dinitrotoluene
Concen: 10.913 ng
RT: 15.063 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

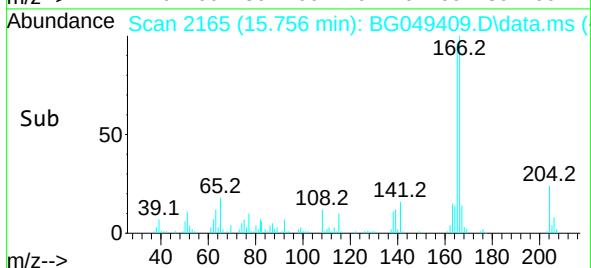
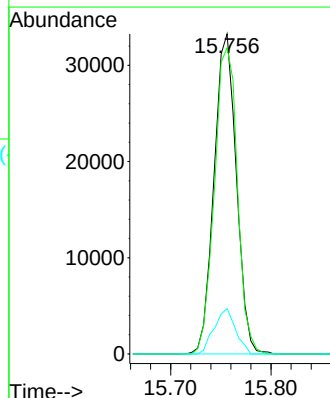
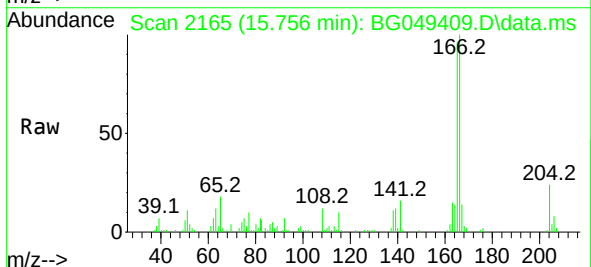
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

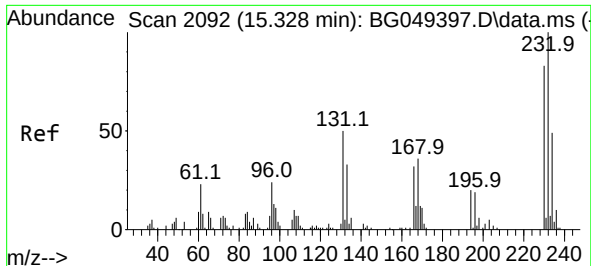
Tgt Ion:	165	Resp:	15862
Ion Ratio	Lower	Upper	
165	100		
63	47.3	48.0	72.0#
89	92.1	65.4	98.0
182	3.5	2.0	3.0#



#58
Fluorene
Concen: 10.721 ng
RT: 15.756 min Scan# 2165
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:	166	Resp:	51216
Ion Ratio	Lower	Upper	
166	100		
165	95.7	77.7	116.5
167	14.2	10.8	16.2

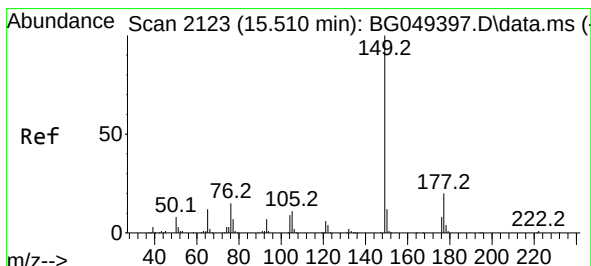
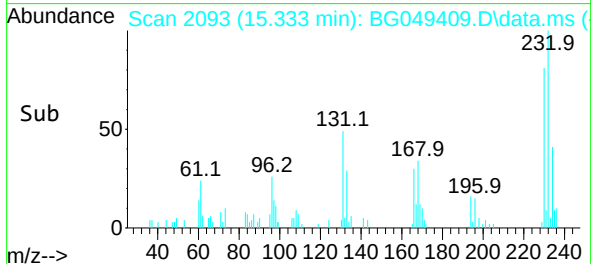
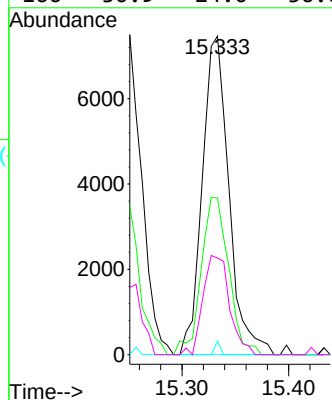
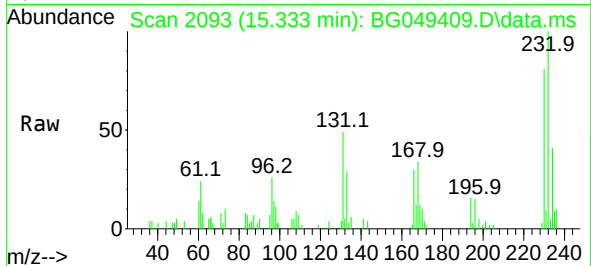




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 15.333 min Scan# 2093
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

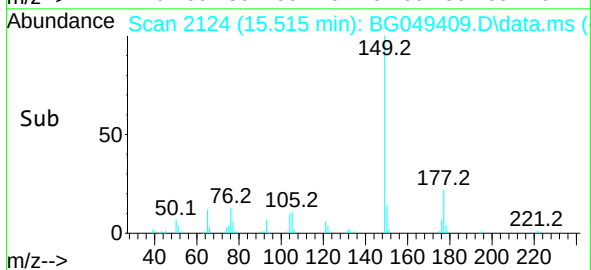
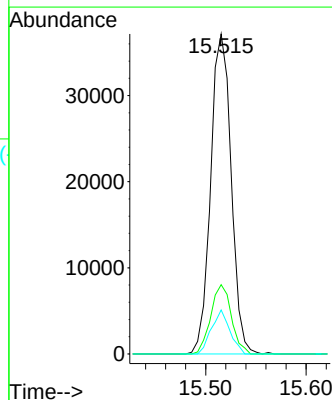
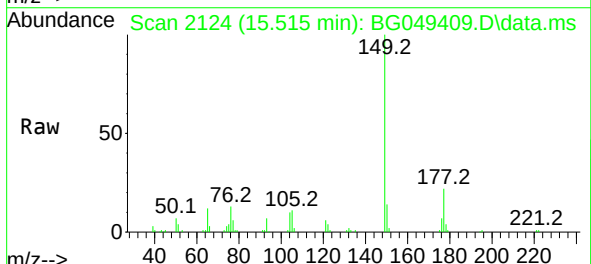
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

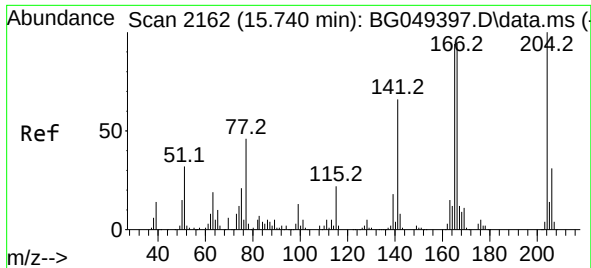
Tgt Ion:232	Resp:	12980
Ion Ratio	Lower	Upper
232	100	
131	50.9	37.2 55.8
130	0.9	2.8 4.2#
166	30.9	24.0 36.0



#60
Diethylphthalate
Concen: 10.852 ng
RT: 15.515 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:149	Resp:	52799
Ion Ratio	Lower	Upper
149	100	
177	21.6	19.0 28.6
150	13.7	10.2 15.4

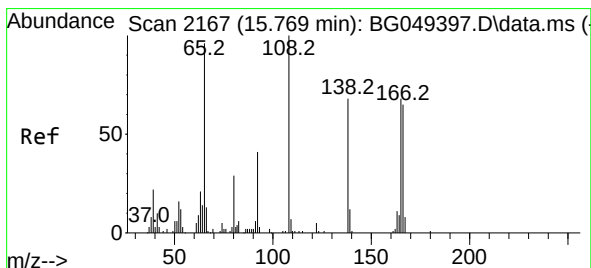
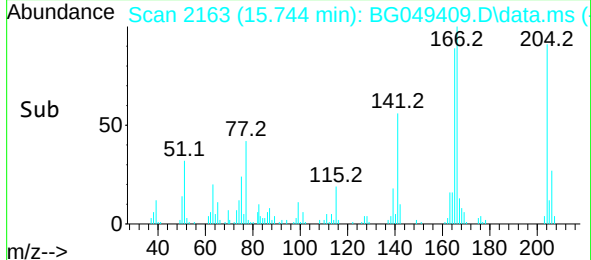
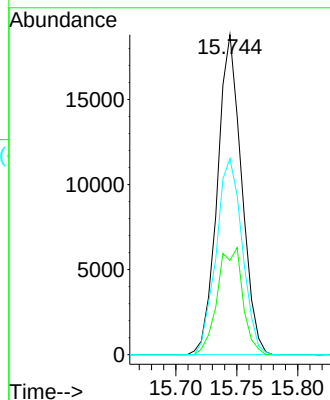
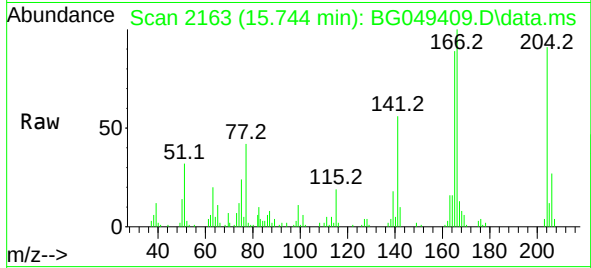




#61
4-Chlorophenyl-phenylether
Concen: 10.682 ng
RT: 15.744 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

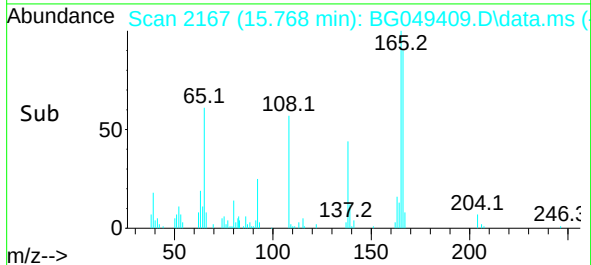
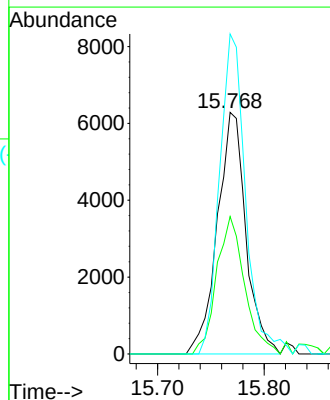
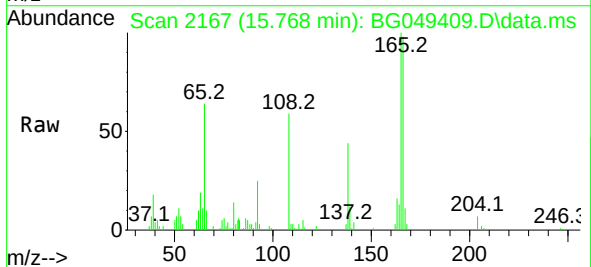
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

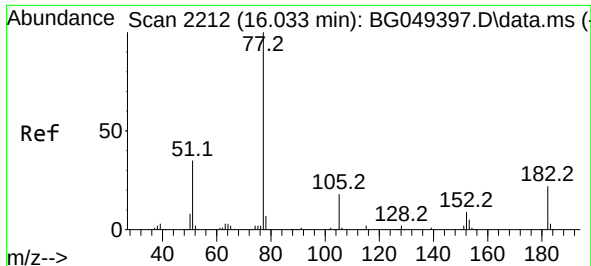
Tgt Ion:204 Resp: 25956
Ion Ratio Lower Upper
204 100
206 29.5 24.6 37.0
141 61.3 47.8 71.8



#62
4-Nitroaniline
Concen: 10.527 ng
RT: 15.768 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:138 Resp: 11684
Ion Ratio Lower Upper
138 100
92 56.9 32.3 72.3
108 132.5 132.4 172.4

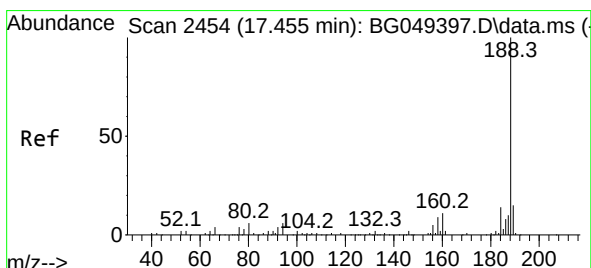
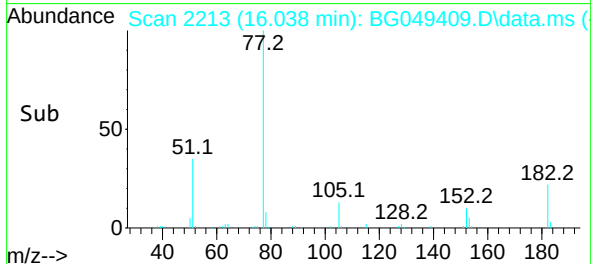
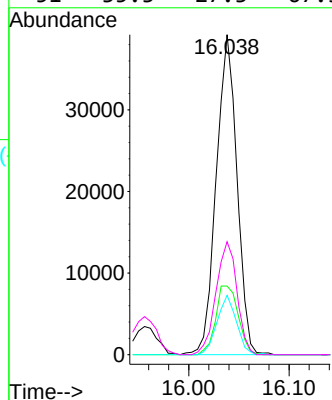
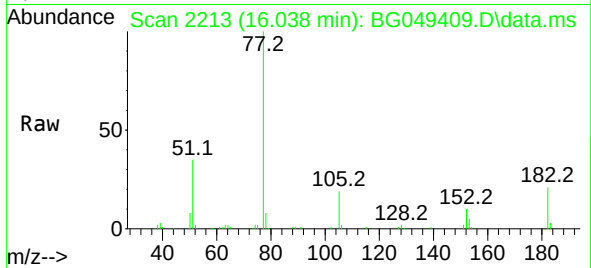




#63
Azobenzene
Concen: 10.434 ng
RT: 16.038 min Scan# 2213
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

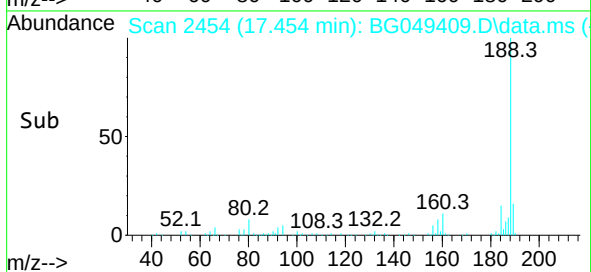
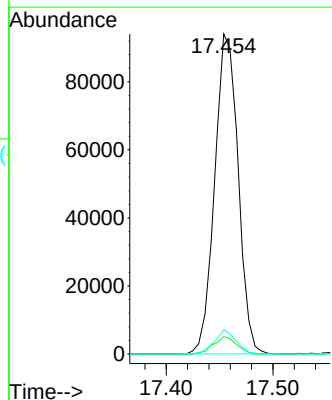
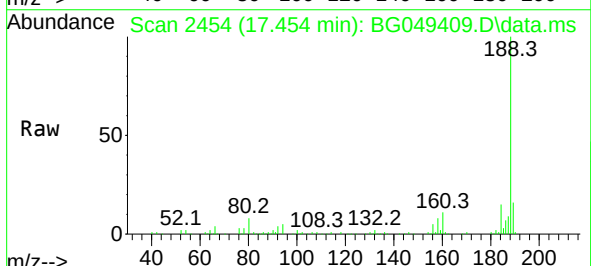
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

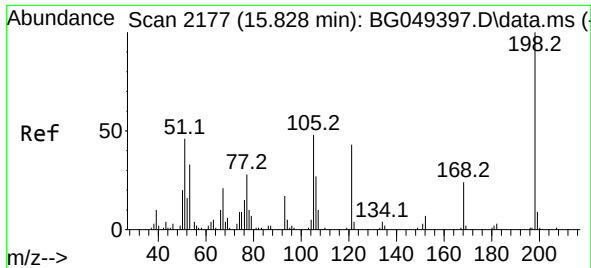
Tgt Ion: 77	Resp: 56216
Ion Ratio	Lower Upper
77 100	
182 21.4	7.9 47.9
105 18.5	0.0 37.9
51 35.3	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 188	Resp: 143478
Ion Ratio	Lower Upper
188 100	
94 5.4	5.4 8.0
80 7.6	3.7 5.5

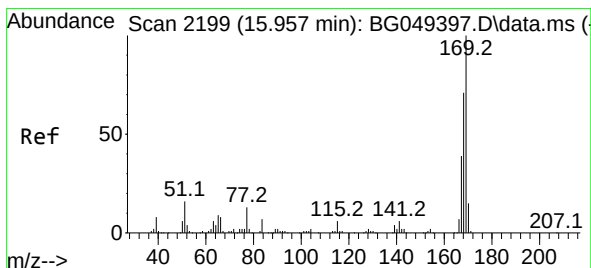
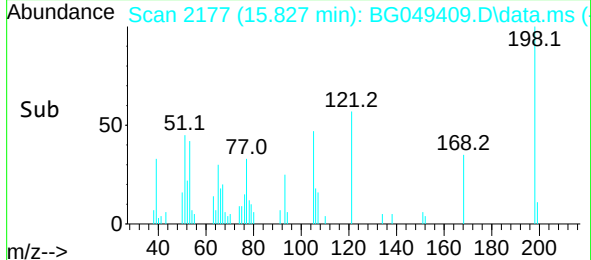
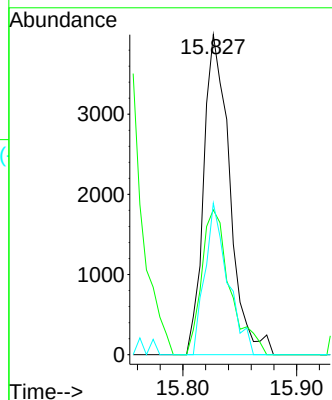
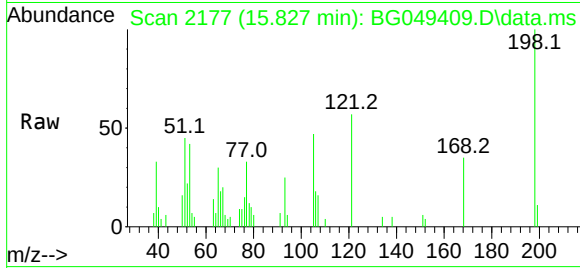




#65
4,6-Dinitro-2-methylphenol
Concen: 8.179 ng
RT: 15.827 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

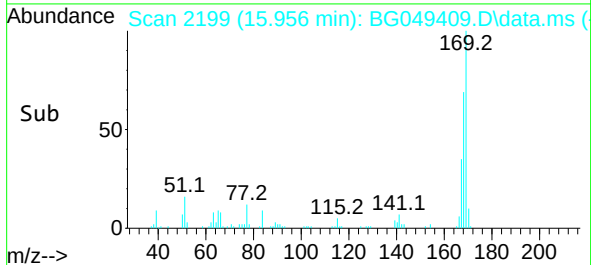
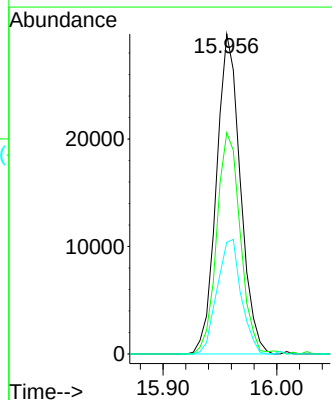
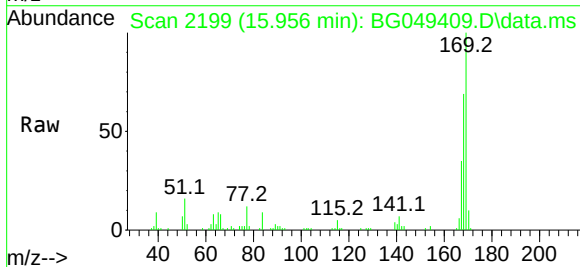
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

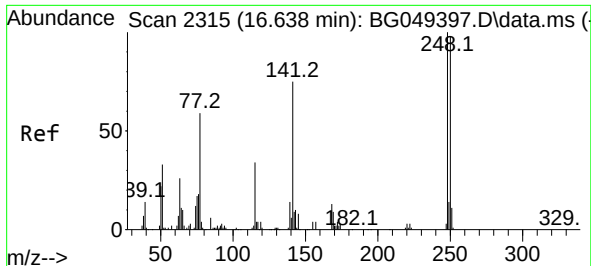
Tgt Ion:198	Resp:	6357
Ion Ratio	Lower	Upper
198	100	
51	45.2	29.4 69.4
105	47.4	15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 10.552 ng
RT: 15.956 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

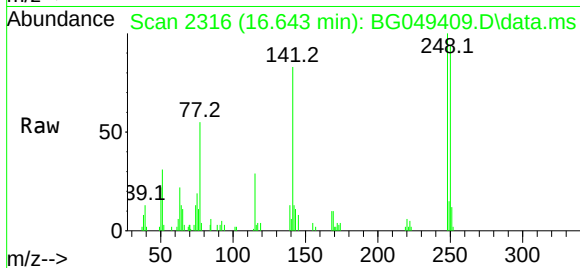
Tgt Ion:169	Resp:	43488
Ion Ratio	Lower	Upper
169	100	
168	69.1	56.3 84.5
167	34.9	28.4 42.6



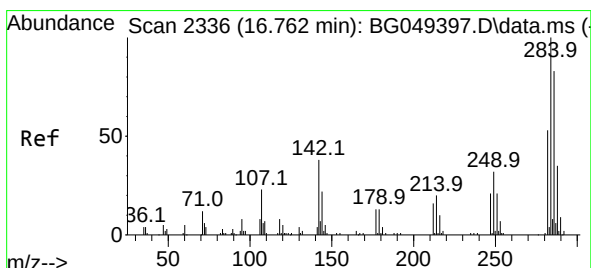
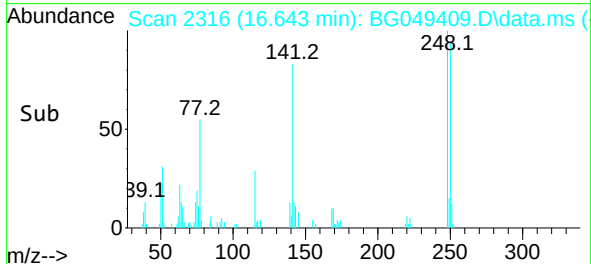
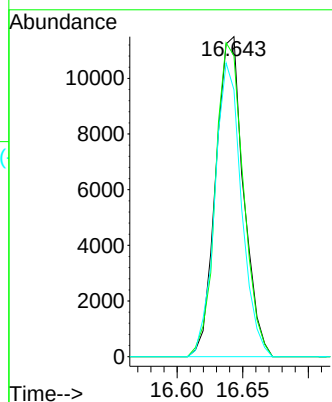


#67
4-Bromophenyl-phenylether
Concen: 10.407 ng
RT: 16.643 min Scan# 2316
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

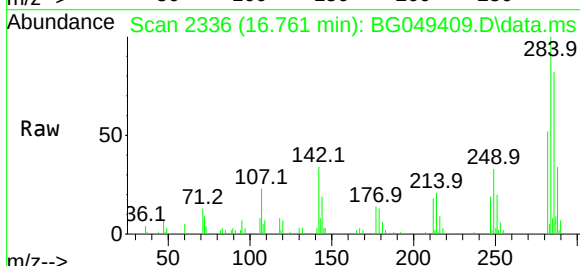
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



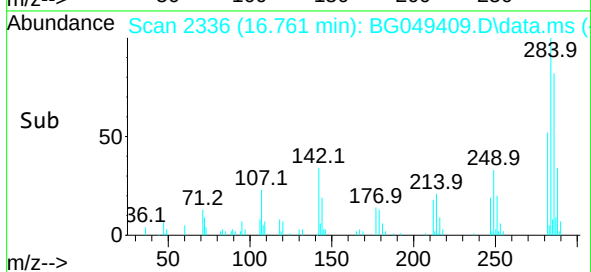
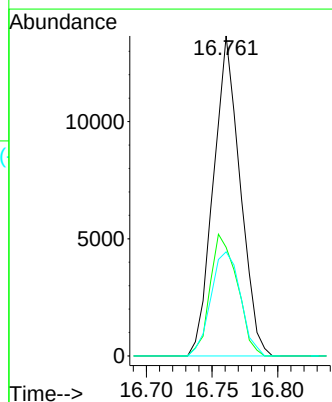
Tgt Ion:	248	Resp:	16913
Ion Ratio	Lower	Upper	
248	100		
250	94.1	76.1	114.1
141	83.4	65.4	98.2

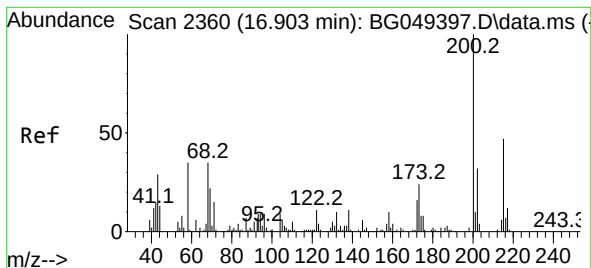


#68
Hexachlorobenzene
Concen: 10.493 ng
RT: 16.761 min Scan# 2336
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



Tgt Ion:	284	Resp:	19310
Ion Ratio	Lower	Upper	
284	100		
142	34.0	27.0	40.6
249	32.5	28.2	42.2





#69

Atrazine

Concen: 11.280 ng

RT: 16.902 min Scan# 2360

Delta R.T. -0.001 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

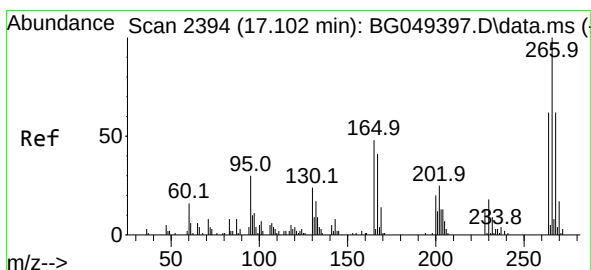
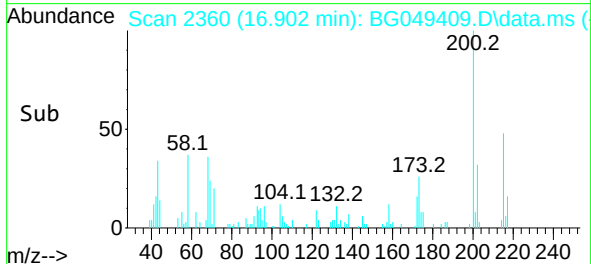
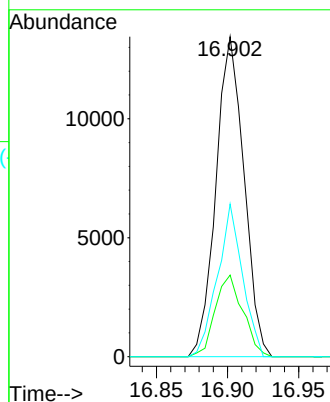
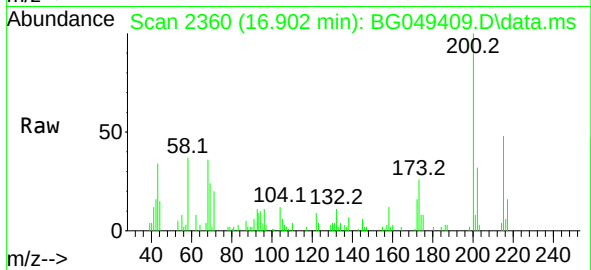
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	200	Resp:	18420
Ion Ratio	Lower	Upper	
200	100		
173	25.5	3.7	43.7
215	47.7	26.9	66.9



#70

Pentachlorophenol

Concen: 7.505 ng

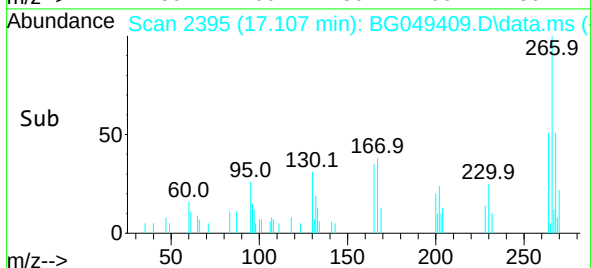
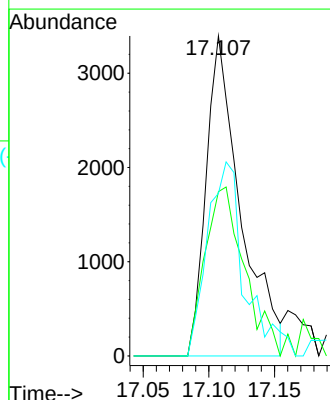
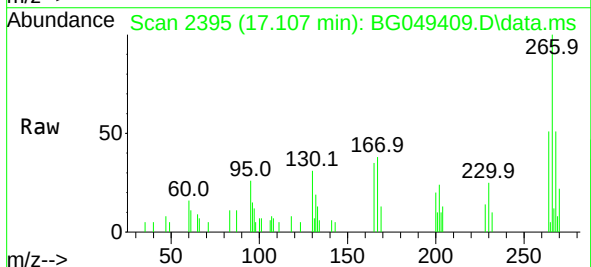
RT: 17.107 min Scan# 2395

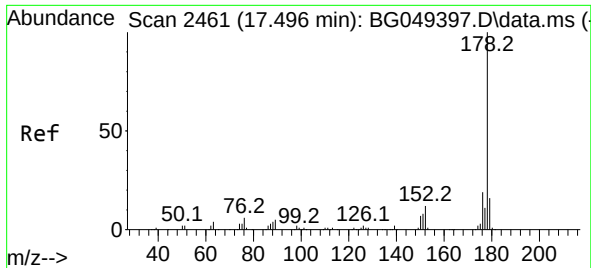
Delta R.T. 0.005 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion:	266	Resp:	6207
Ion Ratio	Lower	Upper	
266	100		
268	51.4	49.0	73.4
264	50.8	49.0	73.6

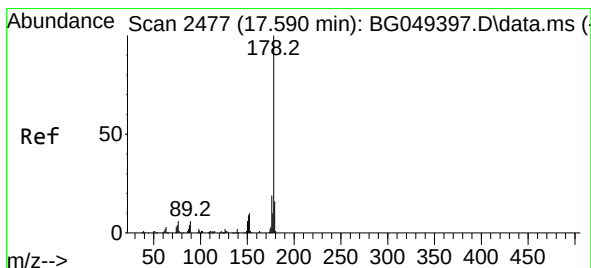
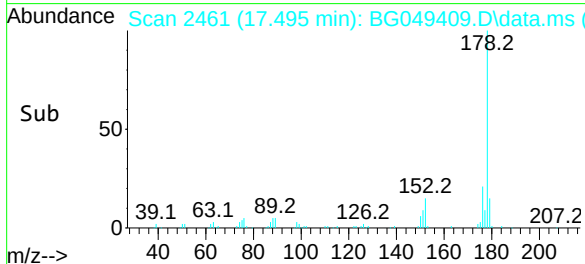
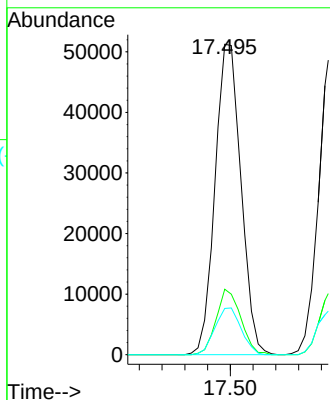
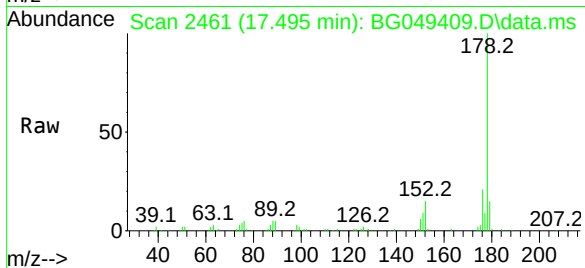




#71
Phenanthrene
Concen: 10.512 ng
RT: 17.495 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

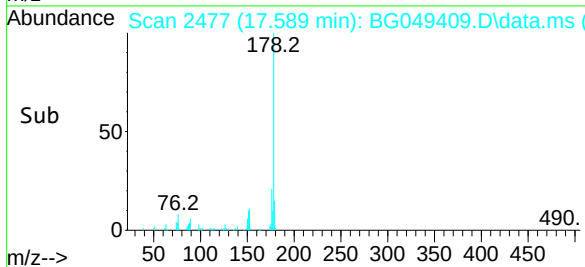
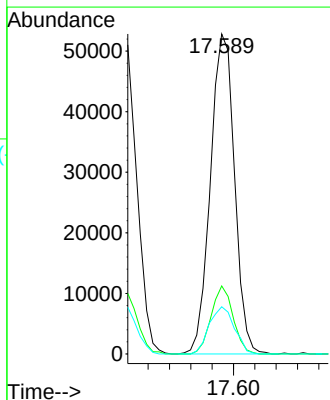
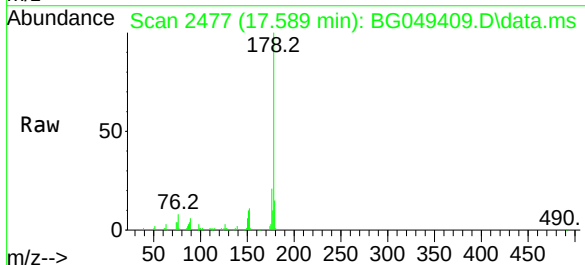
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

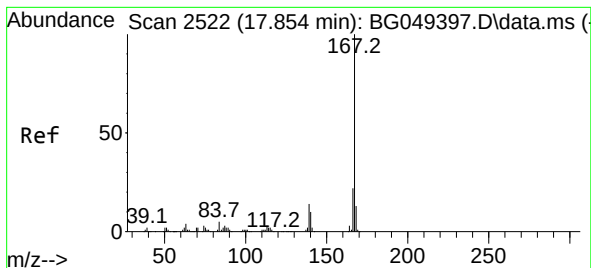
Tgt Ion:178 Resp: 81079
Ion Ratio Lower Upper
178 100
176 21.1 16.0 24.0
179 14.9 14.2 21.4



#72
Anthracene
Concen: 10.916 ng
RT: 17.589 min Scan# 2477
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:178 Resp: 82748
Ion Ratio Lower Upper
178 100
176 21.3 14.6 21.8
179 14.7 13.4 20.0

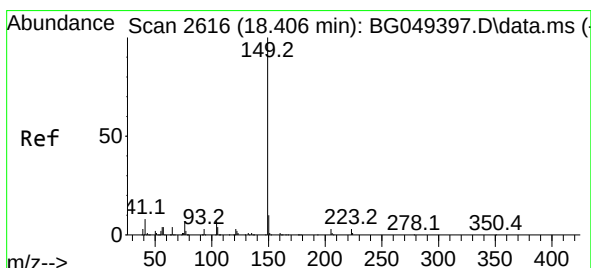
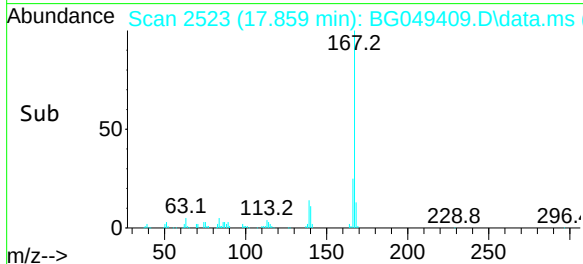
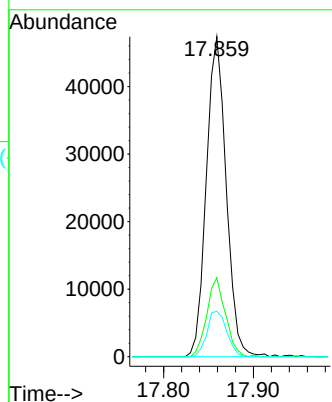
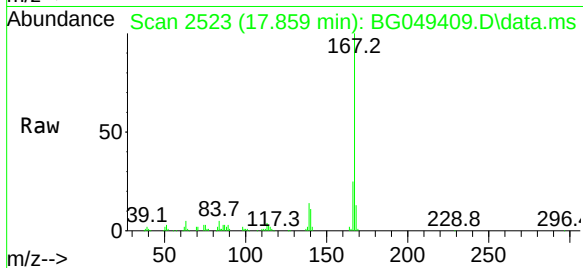




#73
Carbazole
Concen: 10.078 ng
RT: 17.859 min Scan# 2523
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

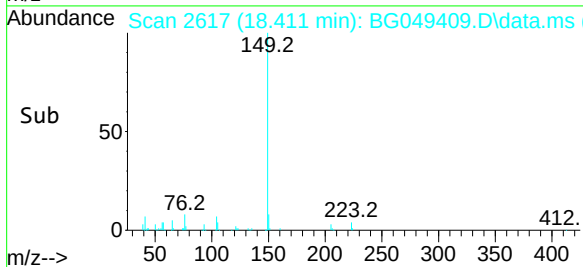
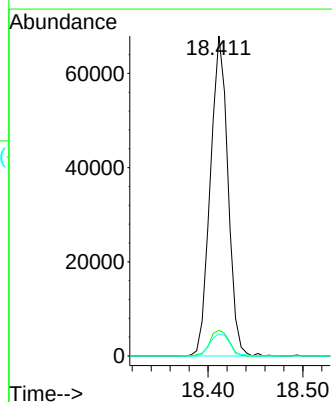
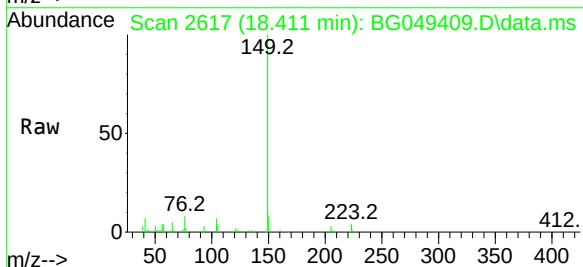
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

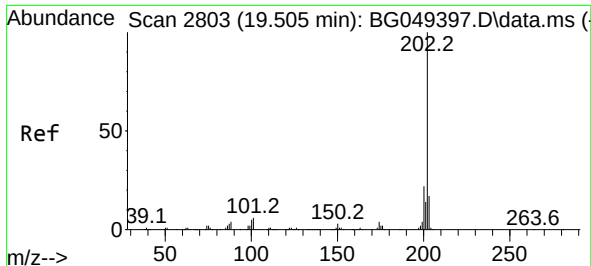
Tgt Ion:167 Resp: 72668
Ion Ratio Lower Upper
167 100
166 24.7 17.4 26.2
139 14.2 10.7 16.1



#74
Di-n-butylphthalate
Concen: 10.631 ng
RT: 18.411 min Scan# 2617
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:149 Resp: 87415
Ion Ratio Lower Upper
149 100
150 8.0 7.5 11.3
104 6.9 6.6 10.0

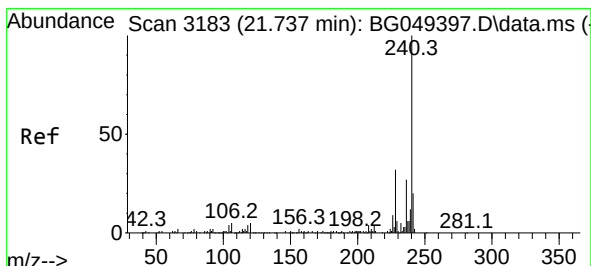
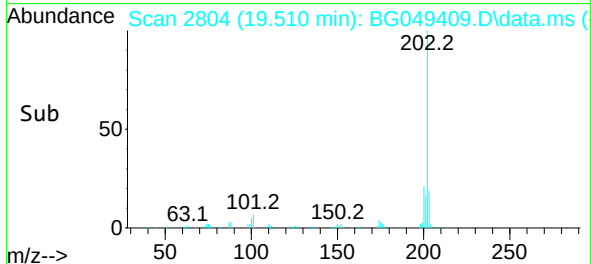
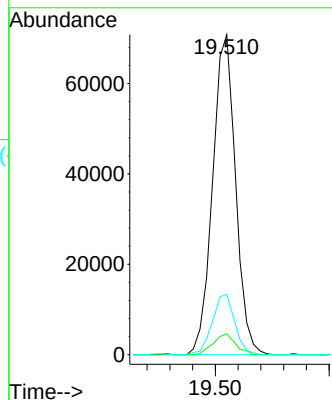
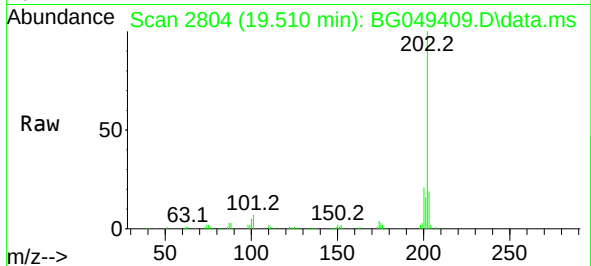




#75
Fluoranthene
Concen: 10.324 ng
RT: 19.510 min Scan# 2804
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

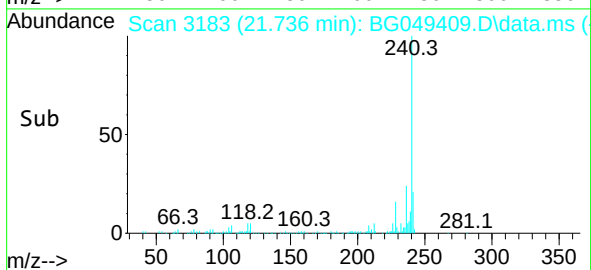
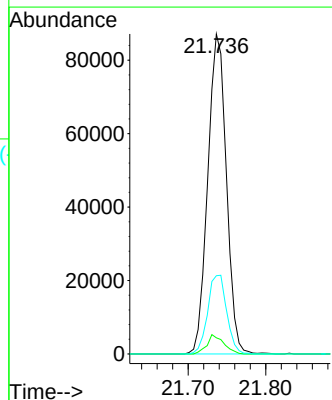
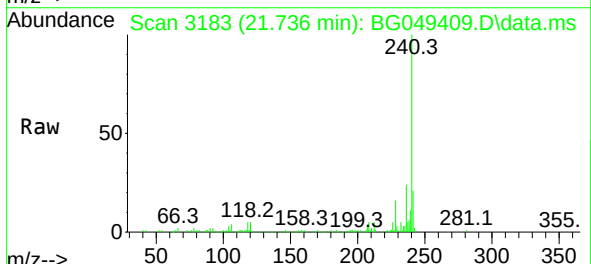
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

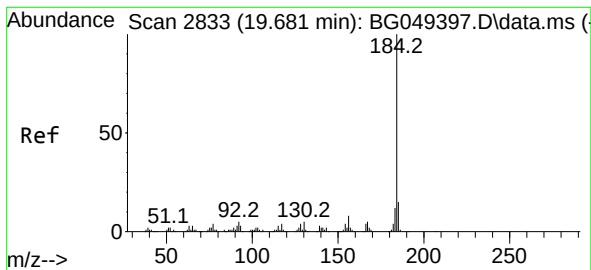
Tgt Ion:202	Resp:	99146
Ion Ratio	Lower	Upper
202	100	
101	6.5	0.0 24.7
203	18.9	0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3183
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:240	Resp:	145825
Ion Ratio	Lower	Upper
240	100	
120	5.0	4.2 6.2
236	24.5	21.8 32.6





#77

Benzidine

Concen: 12.801 ng

RT: 19.686 min Scan# 2834

Delta R.T. 0.005 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

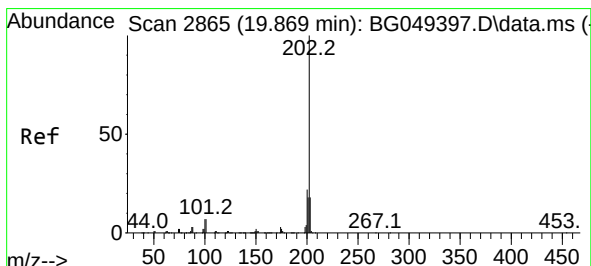
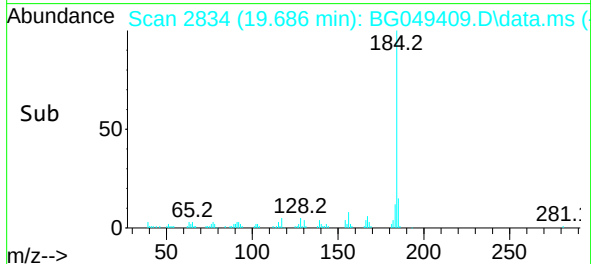
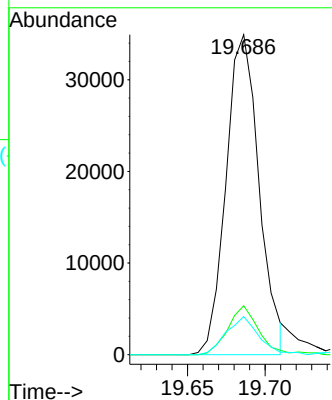
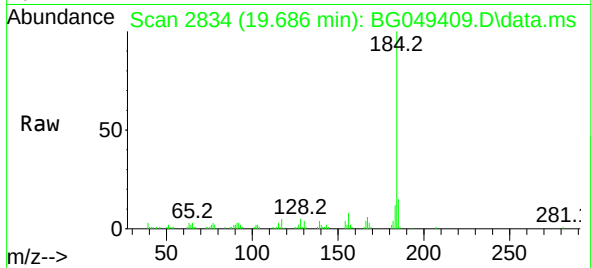
Tgt Ion:184 Resp: 51666

Ion Ratio Lower Upper

184 100

185 15.3 10.7 16.1

183 11.9 9.4 14.0



#78

Pyrene

Concen: 10.611 ng

RT: 19.868 min Scan# 2865

Delta R.T. -0.001 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

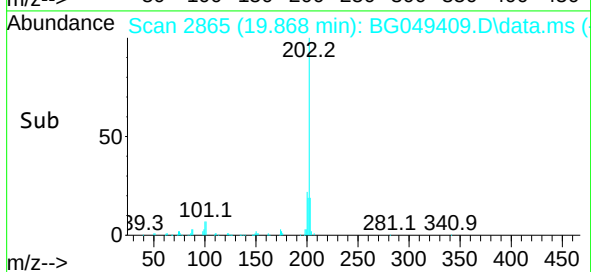
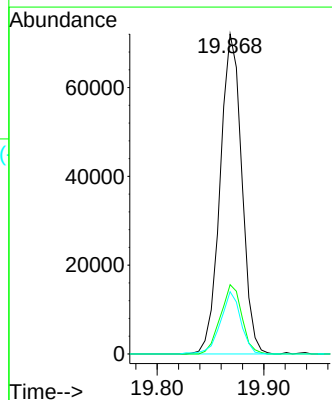
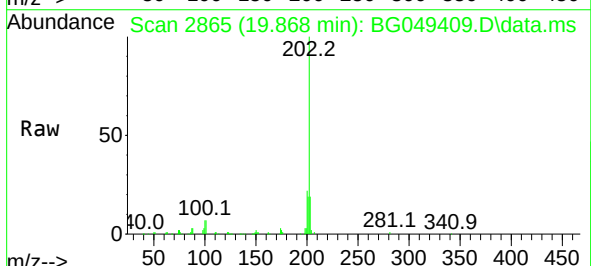
Tgt Ion:202 Resp: 101562

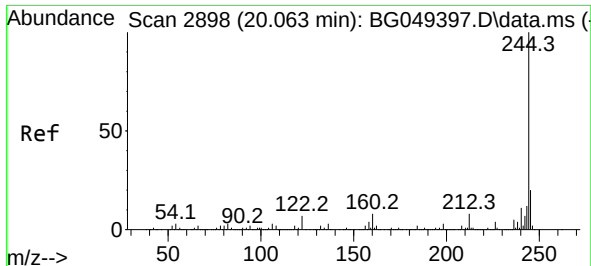
Ion Ratio Lower Upper

202 100

200 21.7 15.8 23.8

203 19.4 14.6 21.8

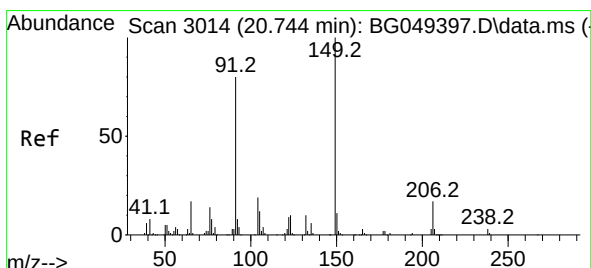
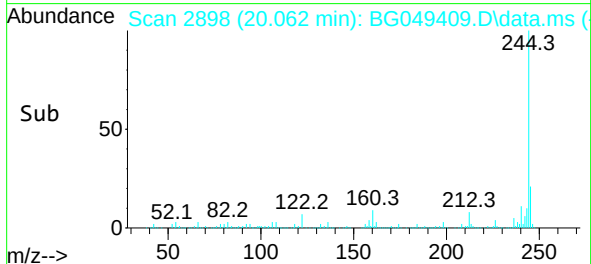
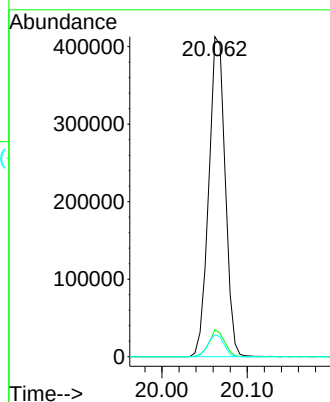
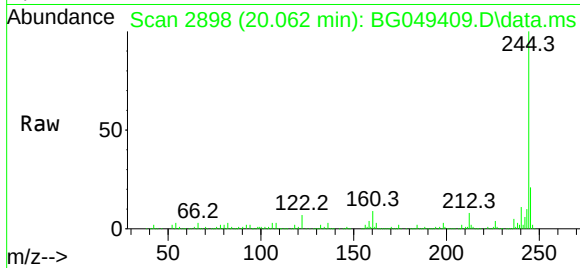




#79
 Terphenyl-d14
 Concen: 73.788 ng
 RT: 20.062 min Scan# 2898
 Delta R.T. -0.001 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26

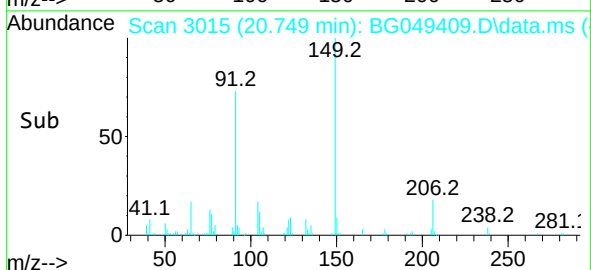
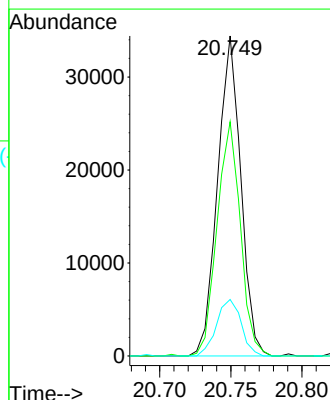
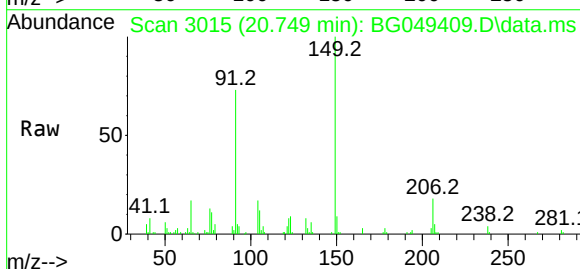
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

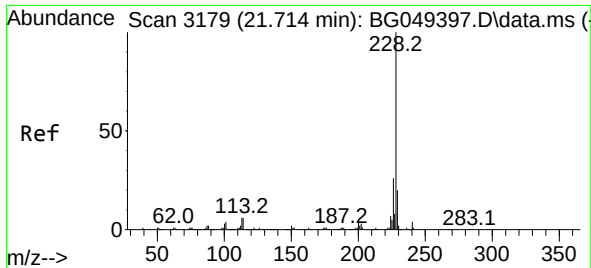
Tgt Ion:	244	Resp:	550969
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.9	10.3
122	6.8	5.0	7.6



#80
 Butylbenzylphthalate
 Concen: 11.205 ng
 RT: 20.749 min Scan# 3015
 Delta R.T. 0.005 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26

Tgt Ion:	149	Resp:	38992
Ion Ratio	Lower	Upper	
149	100		
91	73.2	63.4	95.2
206	17.7	18.4	27.6#

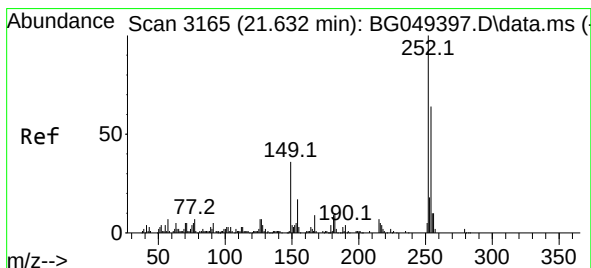
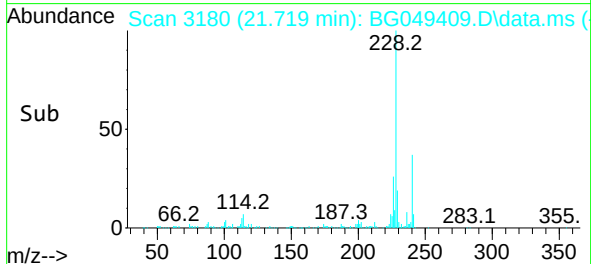
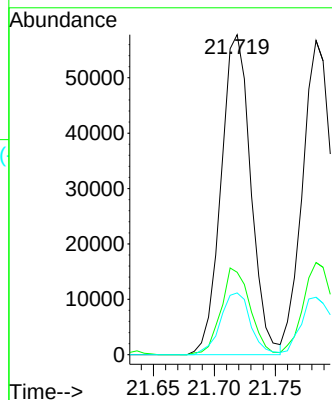
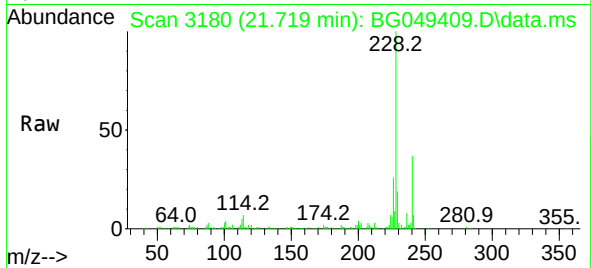




#81
Benzo(a)anthracene
Concen: 10.625 ng
RT: 21.719 min Scan# 3180
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

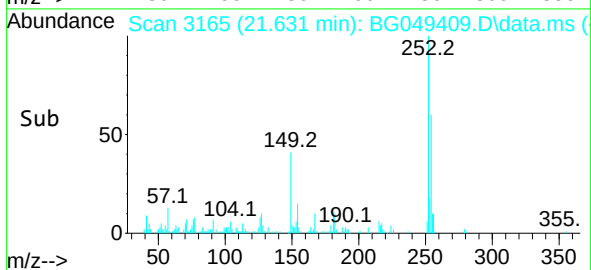
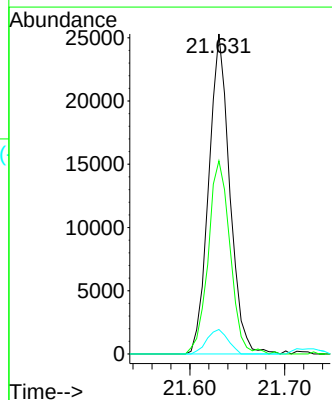
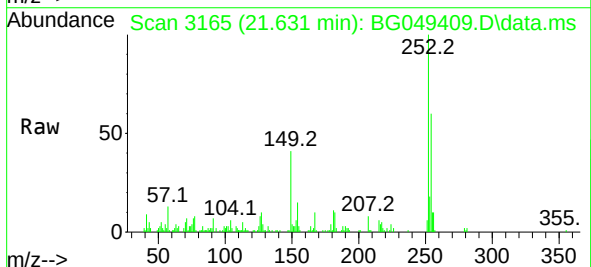
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

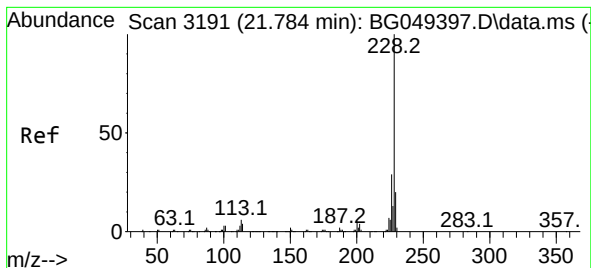
Tgt Ion:228 Resp: 98138
Ion Ratio Lower Upper
228 100
226 25.7 22.7 34.1
229 19.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 14.602 ng
RT: 21.631 min Scan# 3165
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:252 Resp: 38912
Ion Ratio Lower Upper
252 100
254 60.4 52.4 78.6
126 7.7 5.9 8.9





#83

Chrysene

Concen: 10.677 ng

RT: 21.783 min Scan# 3191

Delta R.T. -0.001 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

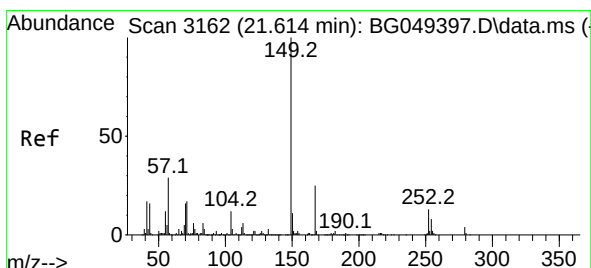
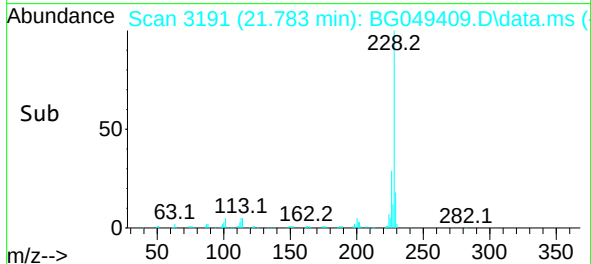
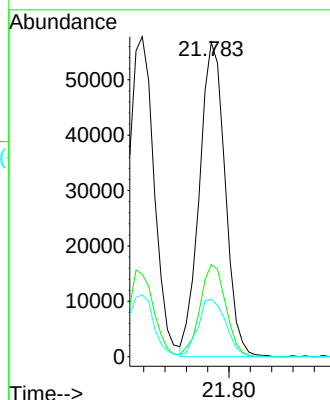
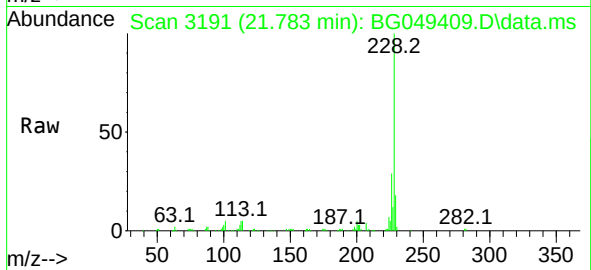
Tgt Ion:	228	Resp:	95110
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.1	34.7
229	18.3	15.3	22.9

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.469 ng

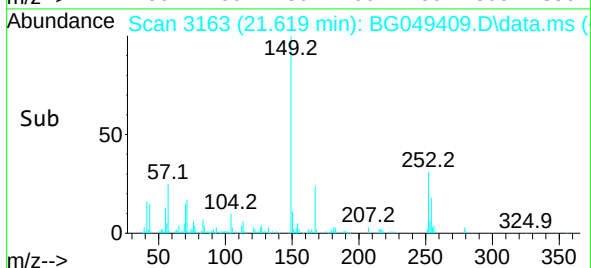
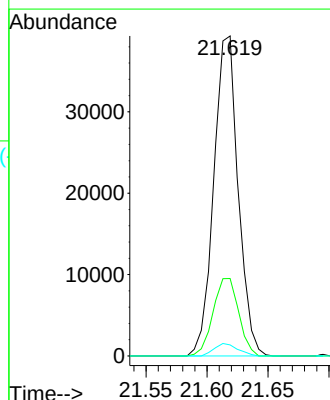
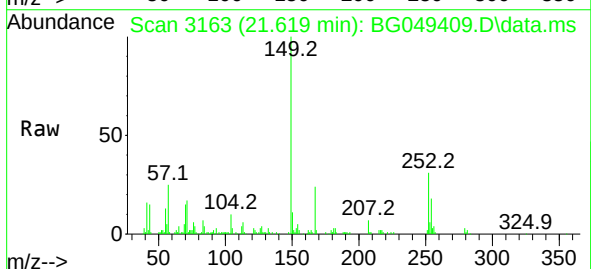
RT: 21.619 min Scan# 3163

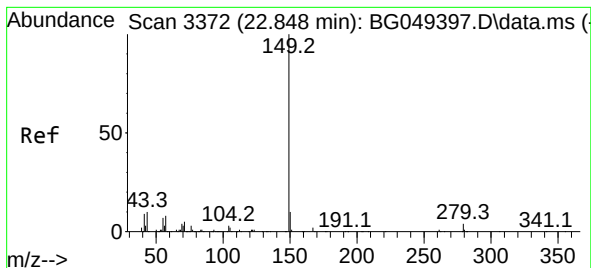
Delta R.T. 0.005 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion:	149	Resp:	54636
Ion Ratio	Lower	Upper	
149	100		
167	24.2	22.3	33.5
279	3.5	3.8	5.8

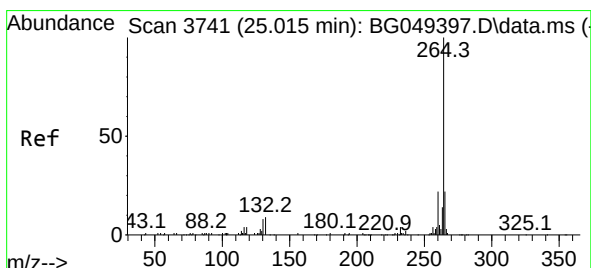
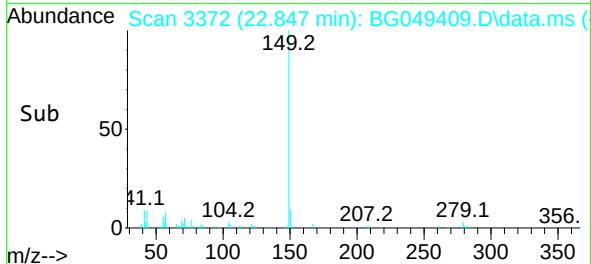
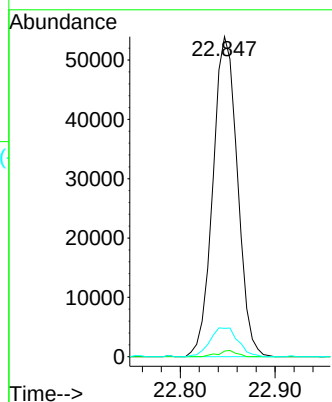
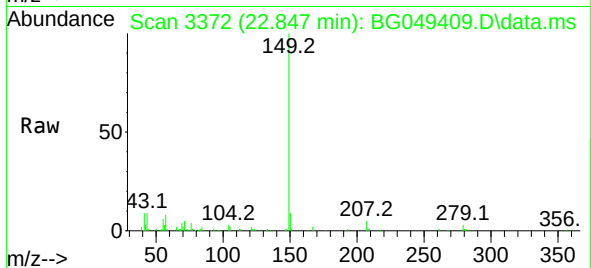




#85
Di-n-octyl phthalate
Concen: 10.786 ng
RT: 22.847 min Scan# 3372
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

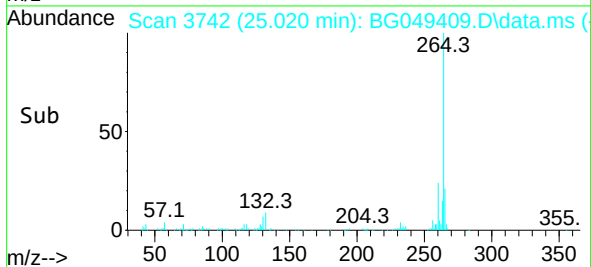
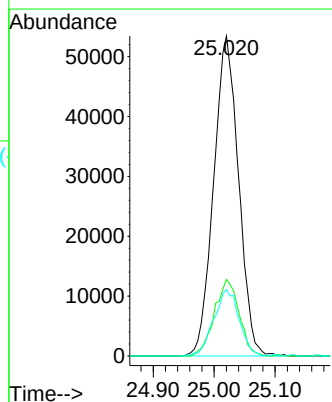
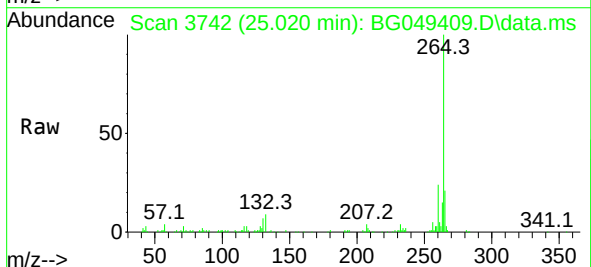
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

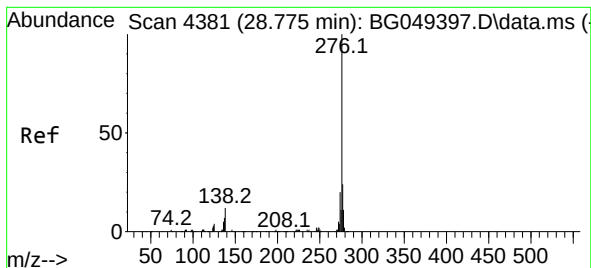
Tgt Ion:149 Resp: 97227
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.2
43 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3742
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:264 Resp: 151519
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 20.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.841 ng

RT: 28.768 min Scan# 4380

Delta R.T. -0.007 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

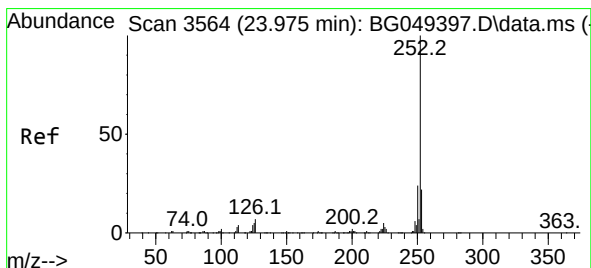
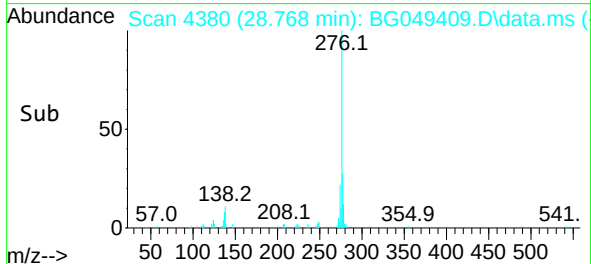
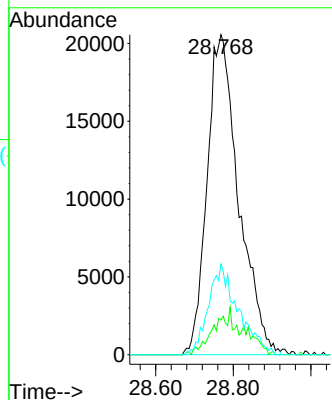
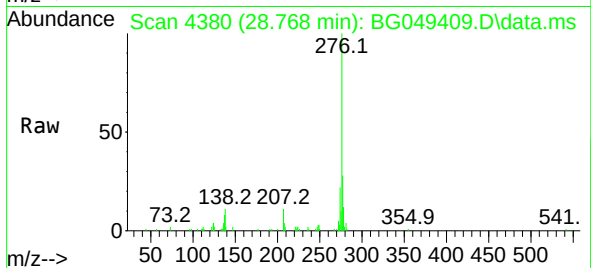
Tgt Ion:	276	Resp:	116282
Ion Ratio	Lower	Upper	
276	100		
138	6.6	5.1	7.7
277	26.5	19.8	29.6

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#88

Benzo(b)fluoranthene

Concen: 10.859 ng

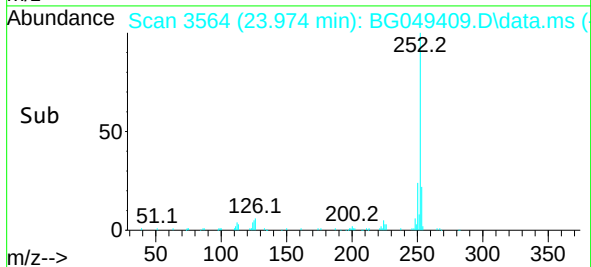
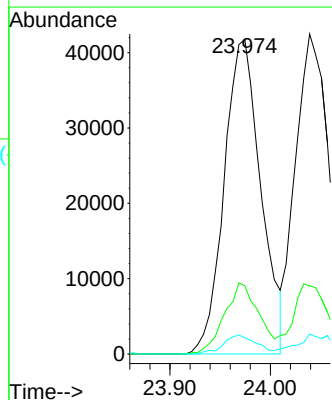
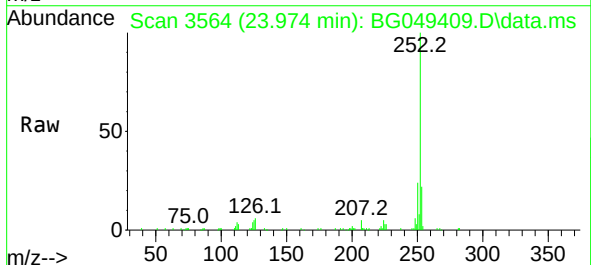
RT: 23.974 min Scan# 3564

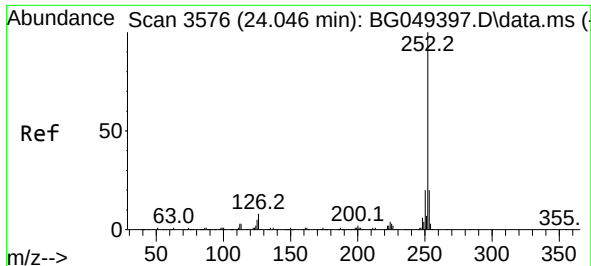
Delta R.T. -0.001 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion:	252	Resp:	106021
Ion Ratio	Lower	Upper	
252	100		
253	21.7	16.2	24.4
125	5.1	3.0	4.4#

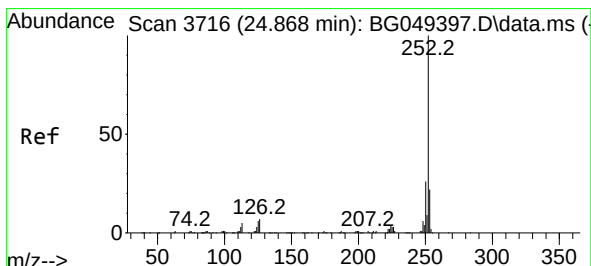
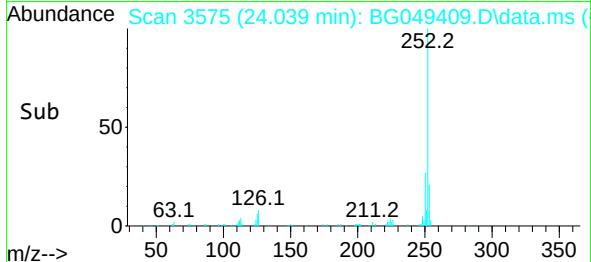
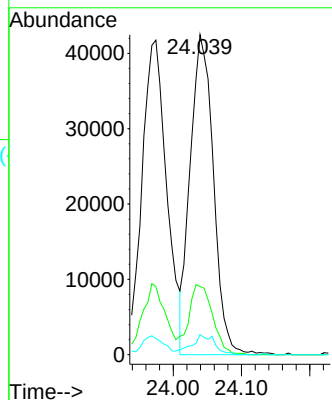
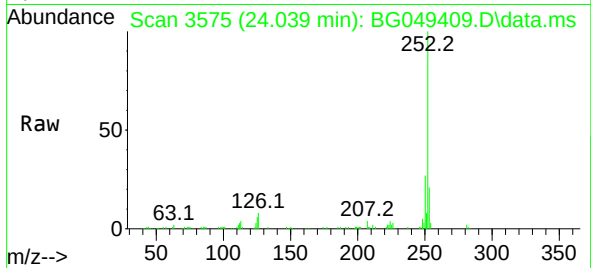




#89
Benzo(k)fluoranthene
Concen: 11.042 ng
RT: 24.039 min Scan# 3575
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

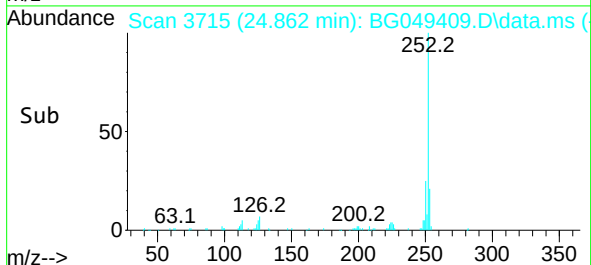
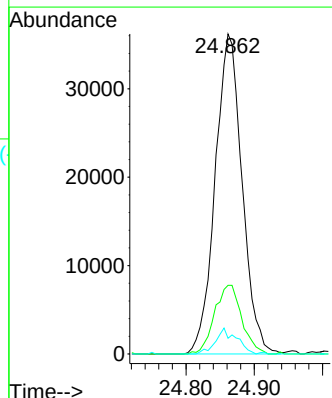
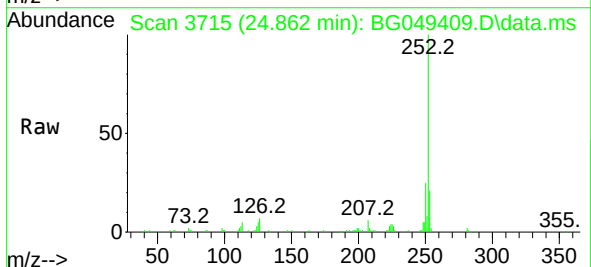
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

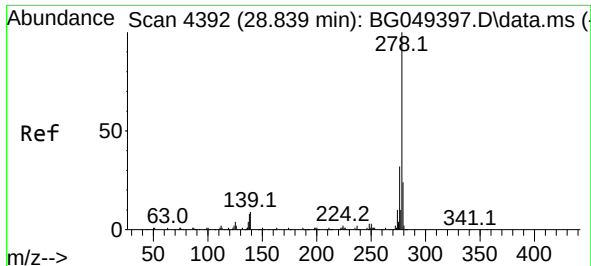
Tgt Ion:252 Resp: 100278
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 6.2 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 11.235 ng
RT: 24.862 min Scan# 3715
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:252 Resp: 99419
Ion Ratio Lower Upper
252 100
253 21.4 16.6 25.0
125 4.9 3.5 5.3

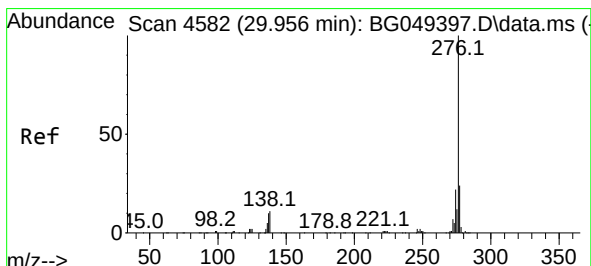
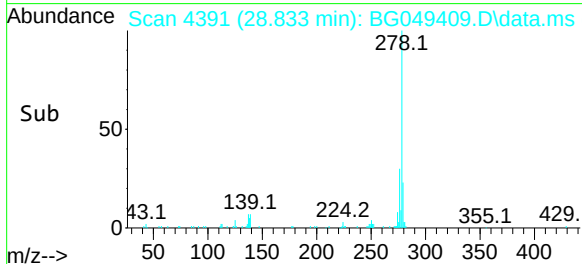
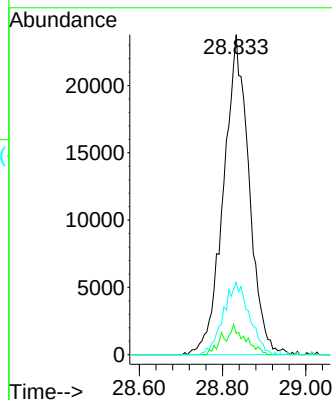
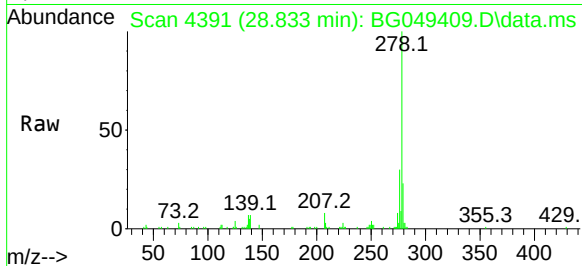




#91
Dibenzo(a,h)anthracene
Concen: 11.181 ng
RT: 28.833 min Scan# 4391
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

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

Tgt Ion:278 Resp: 100718
Ion Ratio Lower Upper
278 100
139 6.6 4.6 6.8
279 22.6 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 11.371 ng
RT: 29.943 min Scan# 4580
Delta R.T. -0.013 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:276 Resp: 101354
Ion Ratio Lower Upper
276 100
277 24.2 18.4 27.6
138 11.7 7.0 10.6#

