

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
 Data File : BG049606.D
 Acq On : 2 Aug 2021 16:28
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Quant Time: Aug 02 17:06:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:57:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	33155	20.000	ng	0.00
21) Naphthalene-d8	10.863	136	150841	20.000	ng	#-0.01
39) Acenaphthene-d10	14.693	164	110538	20.000	ng	-0.01
64) Phenanthrene-d10	17.448	188	249528	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	250687	20.000	ng	-0.01
86) Perylene-d12	25.003	264	252486	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	174969	89.535	ng	-0.02
7) Phenol-d6	7.198	99	257206	90.374	ng	-0.01
23) Nitrobenzene-d5	9.213	82	180813	53.707	ng	-0.01
42) 2,4,6-Tribromophenol	16.185	330	136749	92.379	ng	0.00
45) 2-Fluorobiphenyl	13.319	172	397136	51.697	ng	0.00
79) Terphenyl-d14	20.057	244	709937	55.307	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.461	88	3688	4.166	ng	# 84
3) Pyridine	3.890	79	6162	2.731	ng	90
4) n-Nitrosodimethylamine	3.796	42	3137	2.832	ng	# 85
6) Aniline	7.368	93	12277	3.989	ng	# 85
8) 2-Chlorophenol	7.603	128	7464	3.725	ng	97
9) Benzaldehyde	7.174	77	8692	4.597	ng	92
10) Phenol	7.221	94	9381	3.460	ng	83
11) bis(2-Chloroethyl)ether	7.456	93	6741	3.630	ng	97
12) 1,3-Dichlorobenzene	7.932	146	7703	3.251	ng	90
13) 1,4-Dichlorobenzene	7.932	146	7703	3.265	ng	88
14) 1,2-Dichlorobenzene	7.932	146	7703	3.380	ng	98
15) Benzyl Alcohol	8.278	79	8621	3.706	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	8.578	45	7962	3.670	ng	90
17) 2-Methylphenol	8.484	107	6262	3.469	ng	# 85
18) Hexachloroethane	9.130	117	3232	3.525	ng	# 83
19) n-Nitroso-di-n-propyla...	8.848	70	7032	3.761	ng	# 95
20) 3+4-Methylphenols	8.819	107	8792	3.554	ng	94
22) Acetophenone	8.872	105	13733	3.400	ng	# 92
24) Nitrobenzene	9.254	77	11511	3.255	ng	# 90
25) Isophorone	9.776	82	18139	3.041	ng	97
26) 2-Nitrophenol	9.970	139	4139	3.225	ng	96
27) 2,4-Dimethylphenol	10.023	122	6404	3.121	ng	97
28) bis(2-Chloroethoxy)met...	10.264	93	8871	3.333	ng	# 89
29) 2,4-Dichlorophenol	10.517	162	7325	3.078	ng	86
30) 1,2,4-Trichlorobenzene	10.734	180	8760	3.260	ng	# 77
31) Naphthalene	10.916	128	25009	3.144	ng	# 94
32) Benzoic acid	10.188	122	992	0.736	ng	# 75
33) 4-Chloroaniline	11.022	127	10190	3.357	ng	# 92
34) Hexachlorobutadiene	11.198	225	6264	3.253	ng	87
35) Caprolactam	11.786	113	2322	3.143	ng	# 72
36) 4-Chloro-3-methylphenol	12.150	107	8684	3.094	ng	# 92
37) 2-Methylnaphthalene	12.520	142	18627	3.208	ng	97
38) 1-Methylnaphthalene	12.743	142	17952	3.234	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.890	216	10714	3.278	ng	99
41) Hexachlorocyclopentadiene	12.866	237	3438	2.356	ng	77
43) 2,4,6-Trichlorophenol	13.207	196	6641	3.115	ng	85

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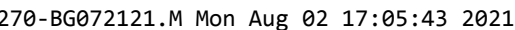
Instrument :
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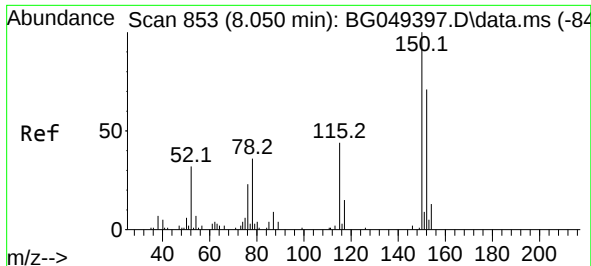
Quant Time: Aug 02 17:06:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:57:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	6641	2.880	ng	# 82
46) 1,1'-Biphenyl	13.524	154	26828	3.311	ng	95
47) 2-Chloronaphthalene	13.571	162	19926	3.201	ng	94
48) 2-Nitroaniline	13.771	65	6493	2.998	ng	94
49) Acenaphthylene	14.417	152	33044	3.274	ng	# 92
50) Dimethylphthalate	14.141	163	25875	3.222	ng	98
51) 2,6-Dinitrotoluene	14.265	165	5480	3.143	ng	# 87
52) Acenaphthene	14.758	154	19219	3.155	ng	98
53) 3-Nitroaniline	14.599	138	5530	3.163	ng	# 86
54) 2,4-Dinitrophenol	14.811	184	1176	1.603	ng	# 54
55) Dibenzofuran	15.093	168	31051	3.177	ng	97
56) 4-Nitrophenol	14.911	139	2672	1.938	ng	# 76
57) 2,4-Dinitrotoluene	15.052	165	7136	2.961	ng	# 95
58) Fluorene	15.739	166	24315	3.070	ng	# 99
59) 2,3,4,6-Tetrachlorophenol	15.322	232	6668	3.163	ng	# 96
60) Diethylphthalate	15.504	149	28231	3.500	ng	# 90
61) 4-Chlorophenyl-phenyle...	15.733	204	13673	3.394	ng	# 84
62) 4-Nitroaniline	15.757	138	5390	2.929	ng	# 74
63) Azobenzene	16.027	77	28129	3.149	ng	91
65) 4,6-Dinitro-2-methylph...	15.827	198	2953	2.185	ng	91
66) n-Nitrosodiphenylamine	15.945	169	22338	3.117	ng	97
67) 4-Bromophenyl-phenylether	16.626	248	8686	3.073	ng	90
68) Hexachlorobenzene	16.749	284	10107	3.158	ng	93
69) Atrazine	16.890	200	9660	3.401	ng	95
70) Pentachlorophenol	17.102	266	2633	1.831	ng	95
71) Phenanthrene	17.578	178	41374	3.084	ng	93
72) Anthracene	17.578	178	41374	3.138	ng	96
73) Carbazole	17.848	167	34288	2.734	ng	# 92
74) Di-n-butylphthalate	18.400	149	44011	3.078	ng	97
75) Fluoranthene	19.499	202	50302	3.012	ng	97
77) Benzidine	19.675	184	24981	3.600	ng	98
78) Pyrene	19.857	202	52227	3.174	ng	98
80) Butylbenzylphthalate	20.738	149	17729	2.964	ng	90
81) Benzo(a)anthracene	21.707	228	50124	3.157	ng	97
82) 3,3'-Dichlorobenzidine	21.619	252	18720	4.086	ng	# 97
83) Chrysene	21.772	228	45467	2.969	ng	95
84) Bis(2-ethylhexyl)phtha...	21.602	149	26767	2.984	ng	99
85) Di-n-octyl phthalate	22.829	149	45062	2.908	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.745	276	57962	3.243	ng	# 81
88) Benzo(b)fluoranthene	23.951	252	47760	2.936	ng	# 94
89) Benzo(k)fluoranthene	24.022	252	46893	3.099	ng	# 95
90) Benzo(a)pyrene	24.844	252	47484	3.220	ng	99
91) Dibenzo(a,h)anthracene	28.804	278	48304	3.218	ng	# 95
92) Benzo(g,h,i)perylene	29.908	276	48139	3.241	ng	95

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

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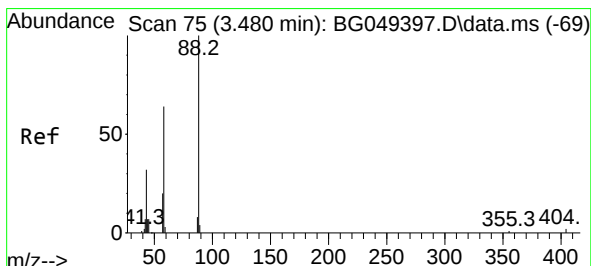
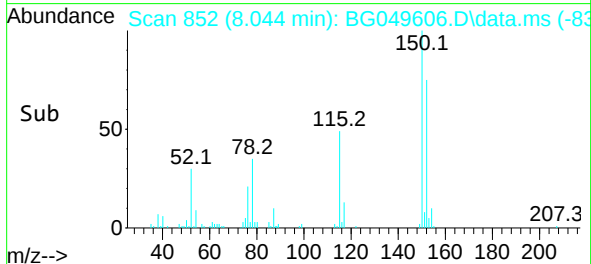
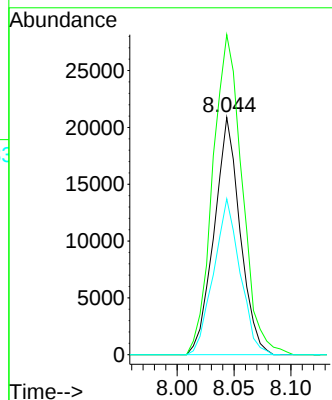
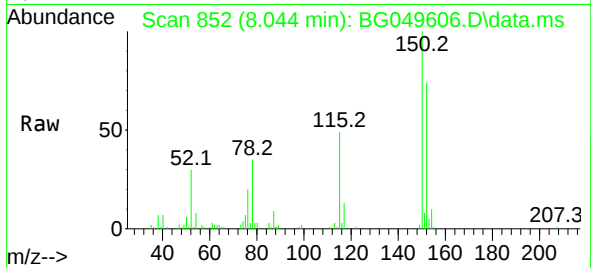




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.044 min Scan# 852
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

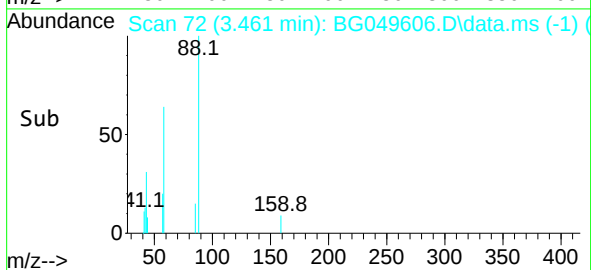
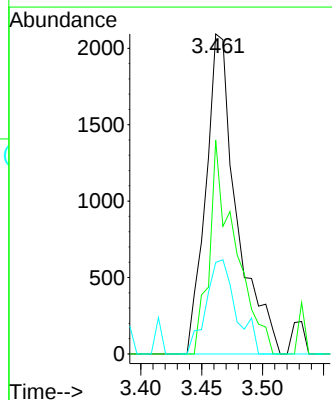
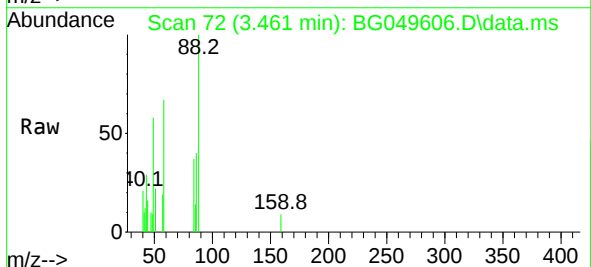
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2021

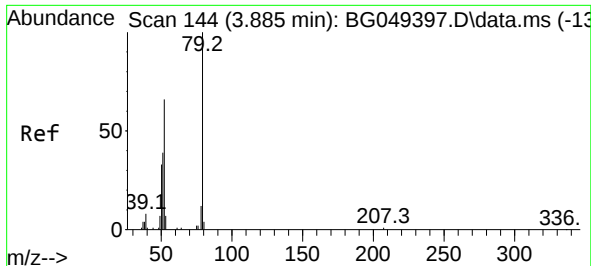
Tgt Ion:152 Resp: 33155
Ion Ratio Lower Upper
152 100
150 134.8 119.4 179.0
115 65.7 60.2 90.4



#2
1,4-Dioxane
Concen: 4.166 ng
RT: 3.461 min Scan# 72
Delta R.T. -0.018 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion: 88 Resp: 3688
Ion Ratio Lower Upper
88 100
58 55.7 55.7 83.5#
43 28.6 29.3 43.9#

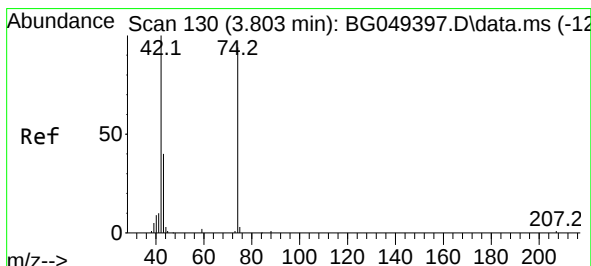
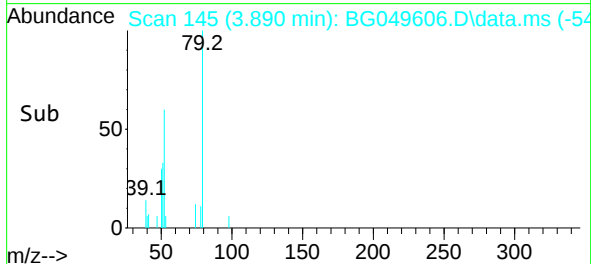
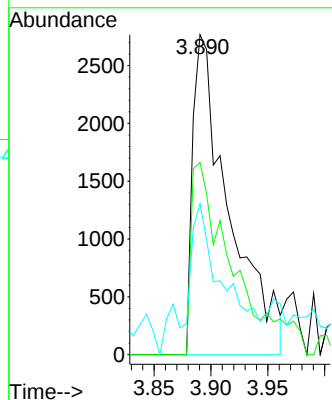
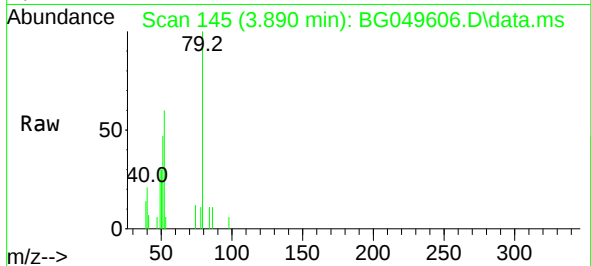




#3
Pyridine
Concen: 2.731 ng
RT: 3.890 min Scan# 145
Delta R.T. 0.005 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

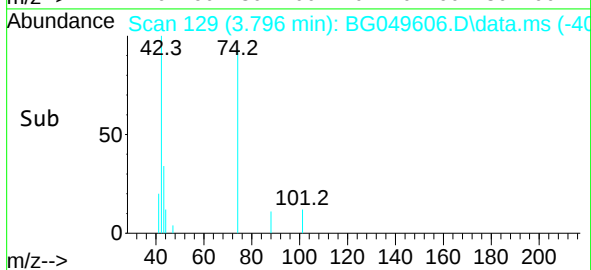
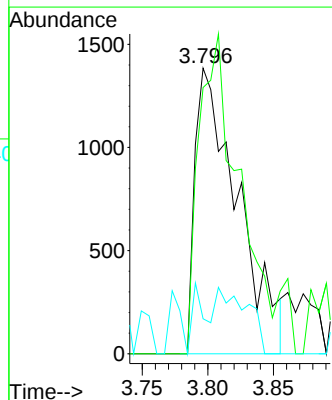
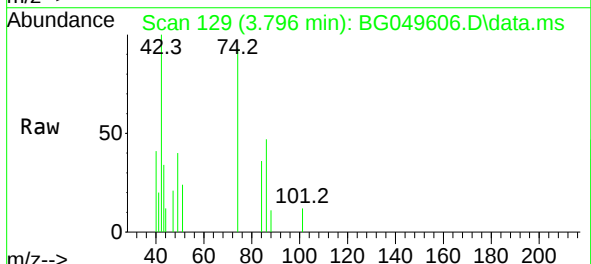
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

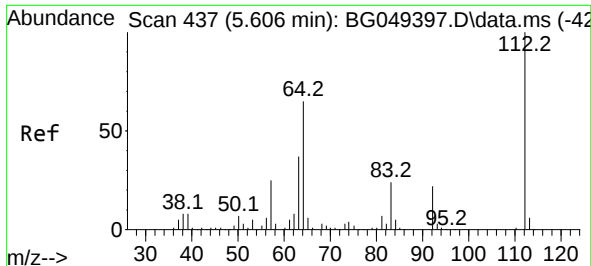
Tgt Ion: 79 Resp: 6162
Ion Ratio Lower Upper
79 100
52 60.1 58.4 87.6
51 47.1 37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 2.832 ng
RT: 3.796 min Scan# 129
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion: 42 Resp: 3137
Ion Ratio Lower Upper
42 100
74 93.2 64.0 96.0
44 12.3 2.7 4.1#

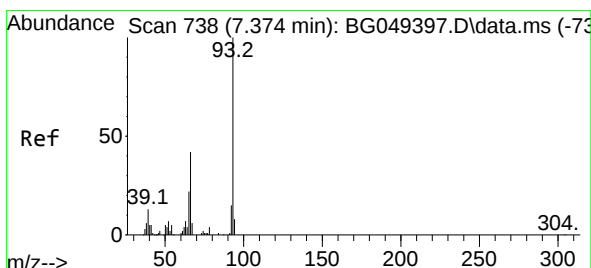
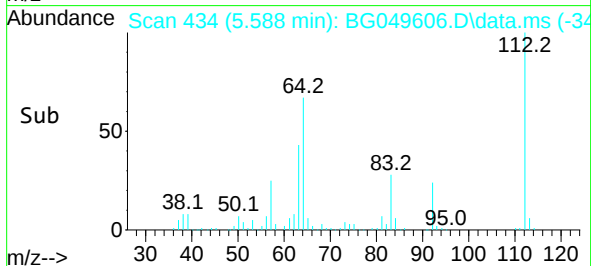
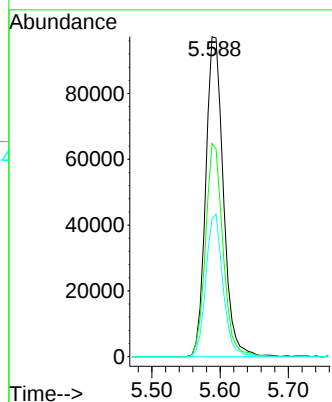
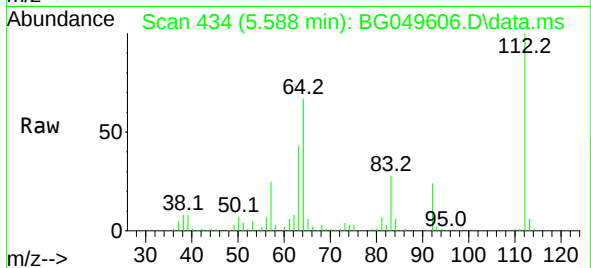




#5
2-Fluorophenol
Concen: 89.535 ng
RT: 5.588 min Scan# 434
Delta R.T. -0.018 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

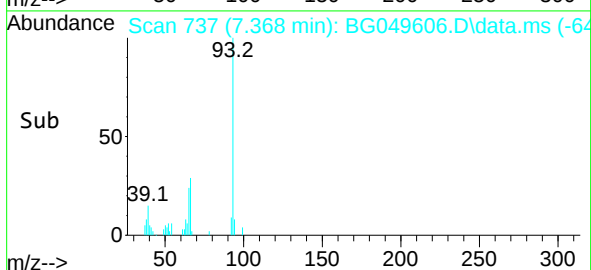
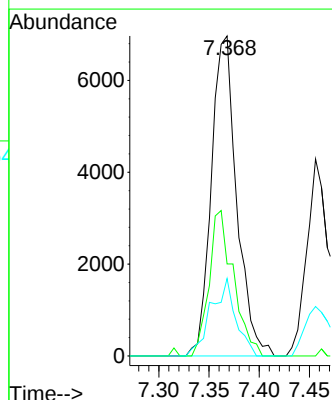
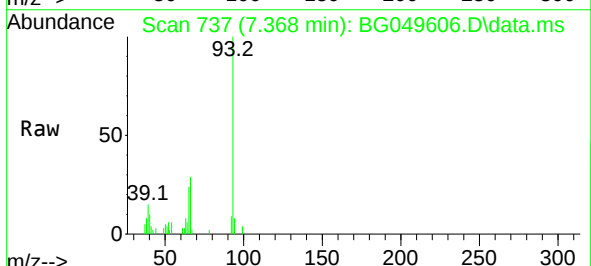
Instrument :
BNA_G
ClientSampleId :
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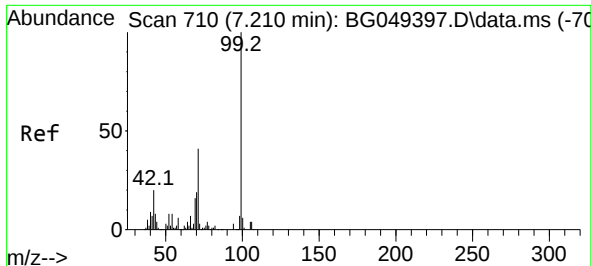
Tgt Ion:112 Resp: 174969
Ion Ratio Lower Upper
112 100
64 66.6 46.7 70.1
63 43.0 35.3 52.9



#6
Aniline
Concen: 3.989 ng
RT: 7.368 min Scan# 737
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion: 93 Resp: 12277
Ion Ratio Lower Upper
93 100
66 28.7 30.6 45.8#
65 24.2 15.0 22.4#

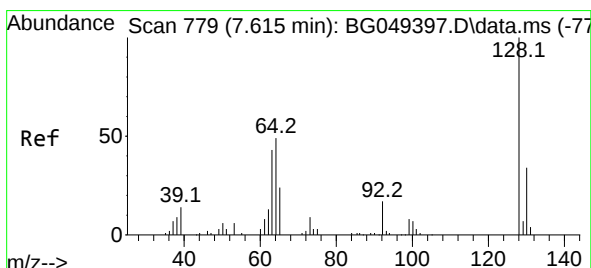
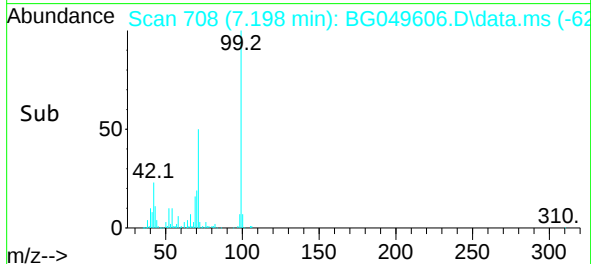
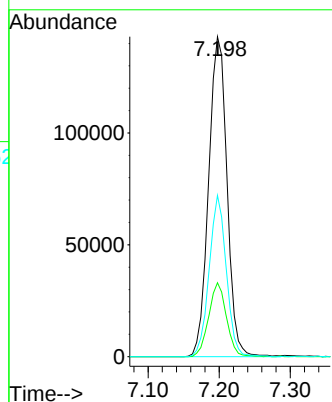
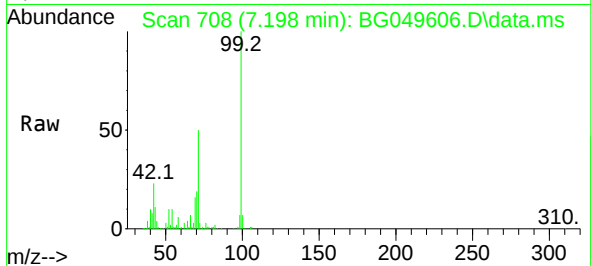




#7
Phenol-d6
Concen: 90.374 ng
RT: 7.198 min Scan# 708
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

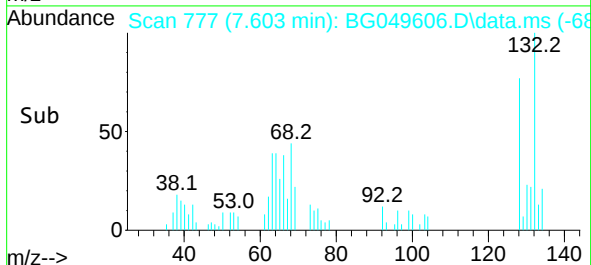
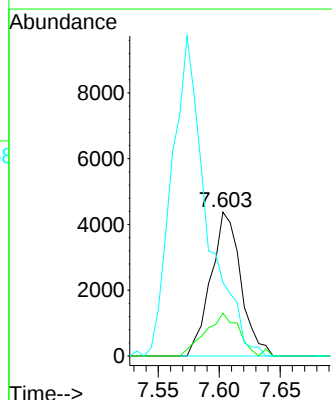
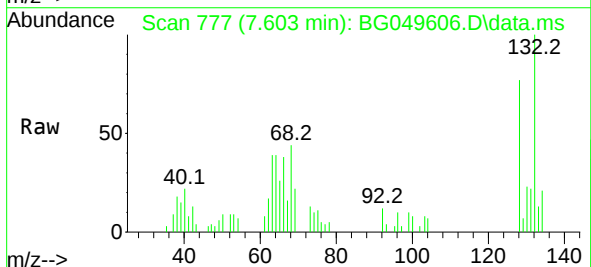
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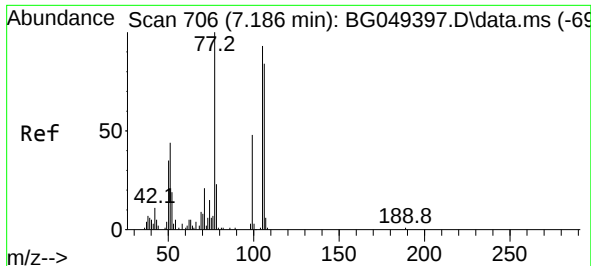
Tgt Ion:	99	Resp:	257206
Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.5	30.7
71	50.4	41.5	62.3



#8
2-Chlorophenol
Concen: 3.725 ng
RT: 7.603 min Scan# 777
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:	128	Resp:	7464
Ion	Ratio	Lower	Upper
128	100		
130	29.7	10.0	50.0
64	51.0	28.1	68.1

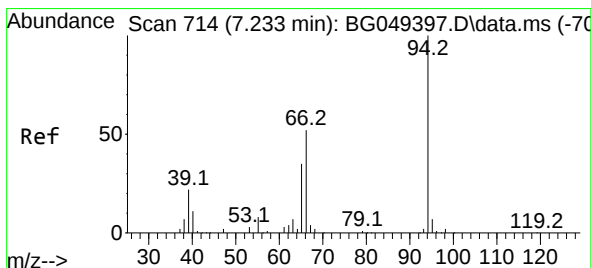
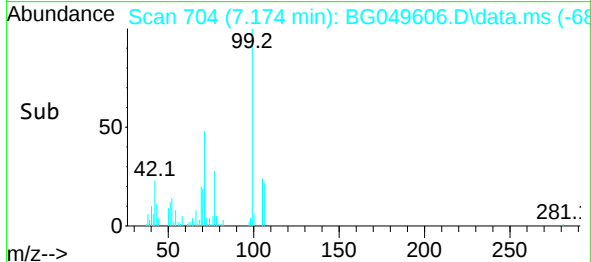
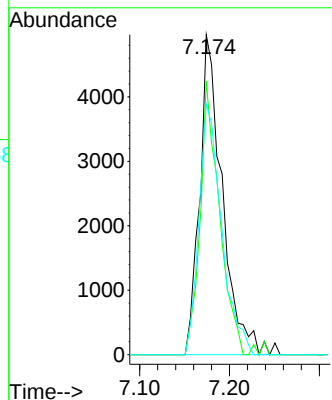
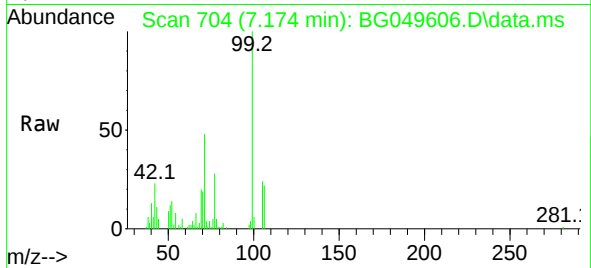




#9
Benzaldehyde
Concen: 4.597 ng
RT: 7.174 min Scan# 704
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

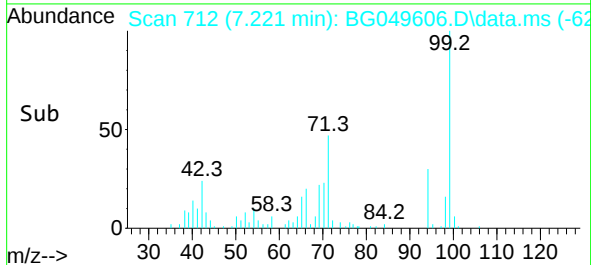
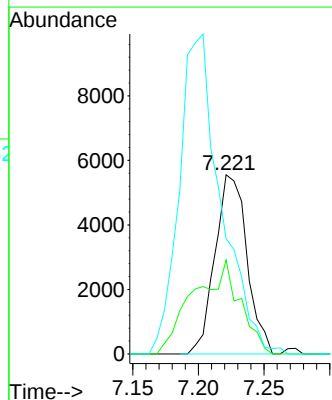
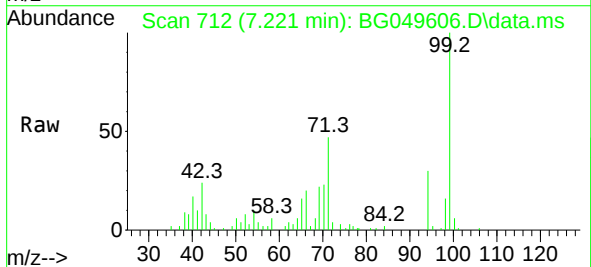
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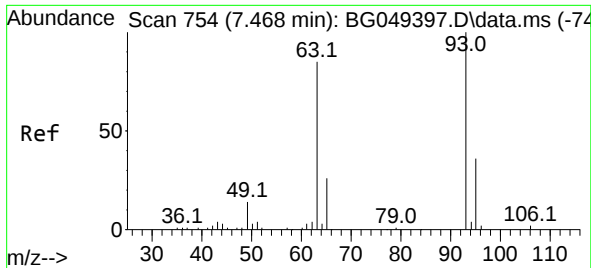
Tgt Ion: 77 Resp: 8692
Ion Ratio Lower Upper
77 100
105 85.4 68.8 108.8
106 78.4 47.9 87.9



#10
Phenol
Concen: 3.460 ng
RT: 7.221 min Scan# 712
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

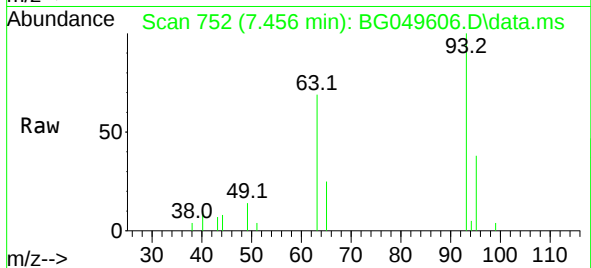
Tgt Ion: 94 Resp: 9381
Ion Ratio Lower Upper
94 100
65 52.5 12.9 52.9
66 64.3 39.4 79.4





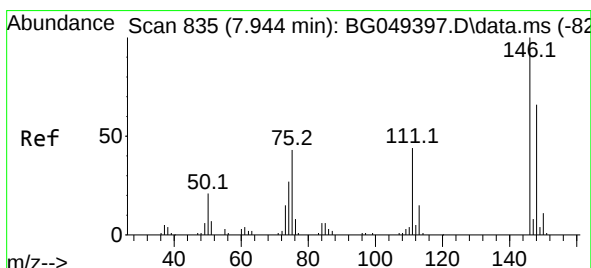
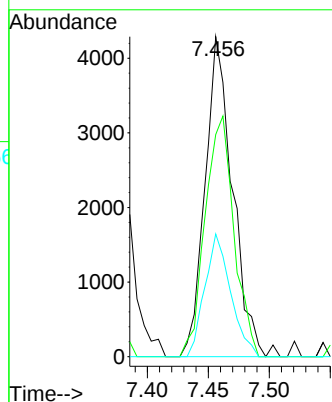
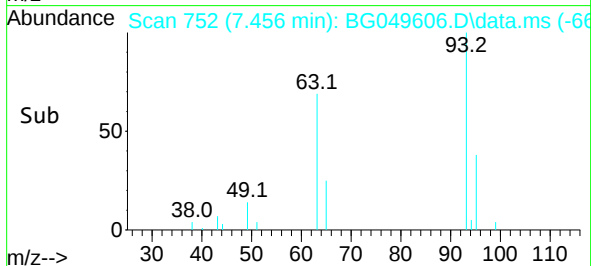
#11
bis(2-Chloroethyl)ether
Concen: 3.630 ng
RT: 7.456 min Scan# 752
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

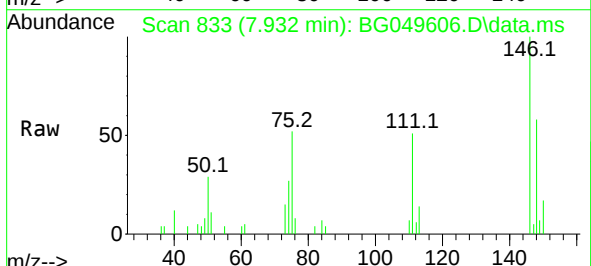


Tgt Ion: 93 Resp: 6741

Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.4	90.4
95	38.3	15.3	55.3

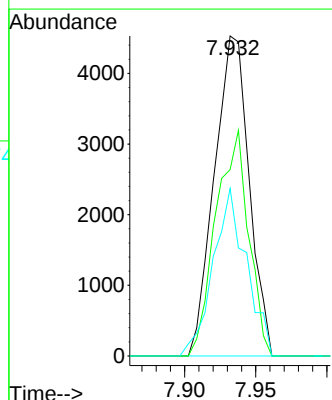
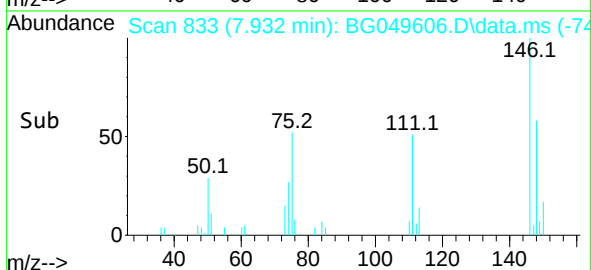


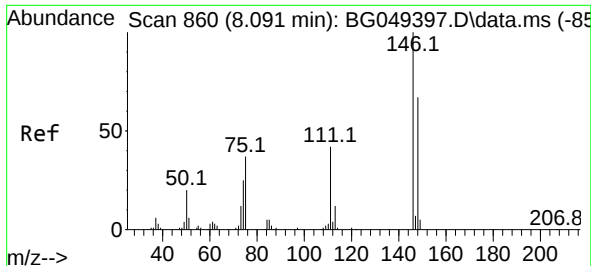
#12
1,3-Dichlorobenzene
Concen: 3.251 ng
RT: 7.932 min Scan# 833
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28



Tgt Ion: 146 Resp: 7703

Ion	Ratio	Lower	Upper
146	100		
148	58.3	52.6	78.8
75	52.4	35.7	53.5

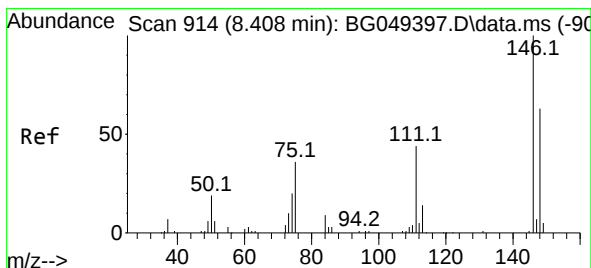
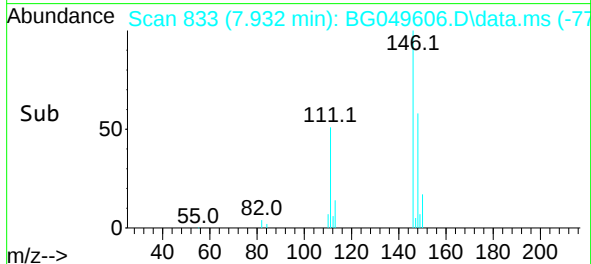
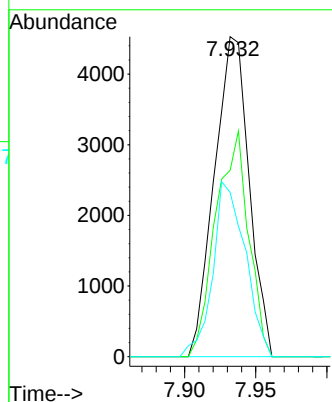
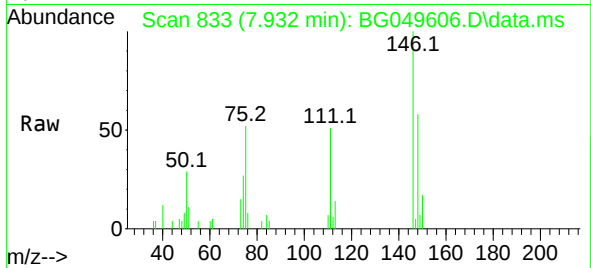




#13
1,4-Dichlorobenzene
Concen: 3.265 ng
RT: 7.932 min Scan# 833
Delta R.T. -0.159 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

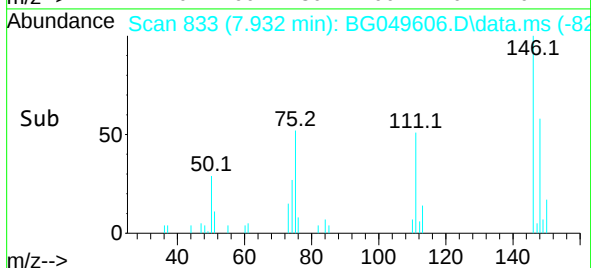
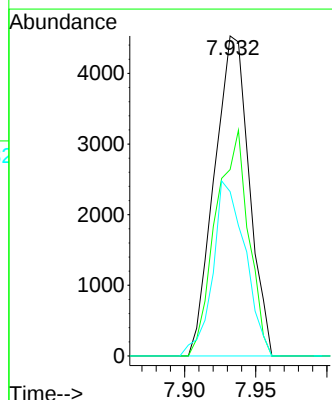
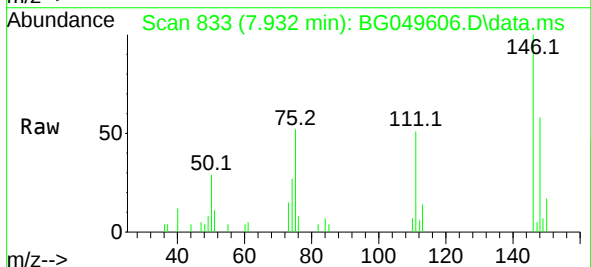
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

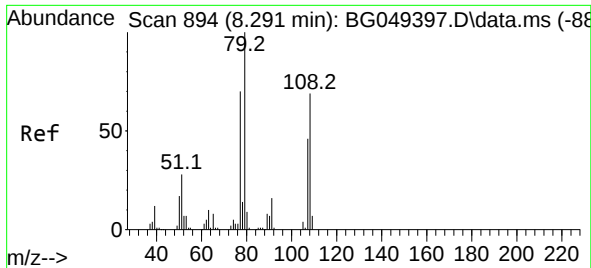
Tgt Ion:146 Resp: 7703
Ion Ratio Lower Upper
146 100
148 58.3 54.0 81.0
111 51.3 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 3.380 ng
RT: 7.932 min Scan# 833
Delta R.T. -0.476 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:146 Resp: 7703
Ion Ratio Lower Upper
146 100
148 58.3 47.5 71.3
111 51.3 39.1 58.7

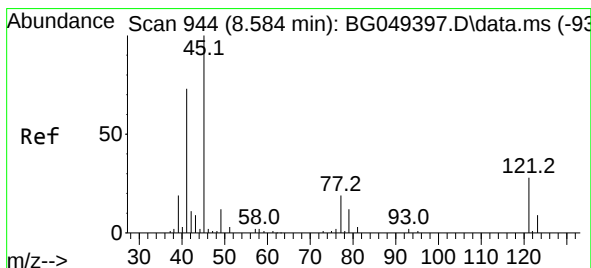
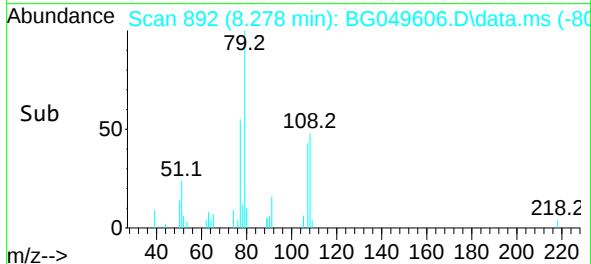
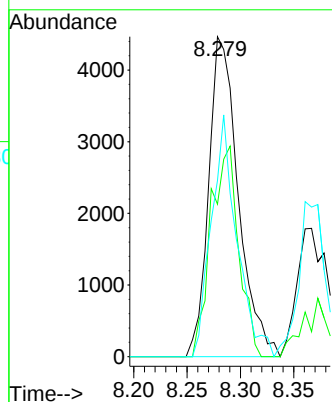
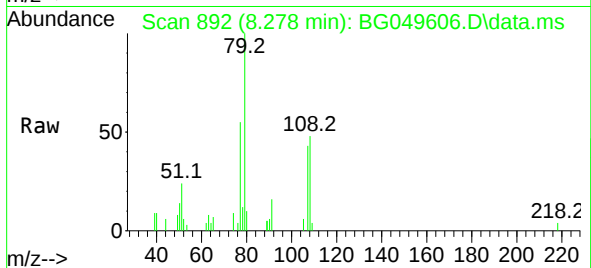




#15
Benzyl Alcohol
Concen: 3.706 ng
RT: 8.278 min Scan# 892
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

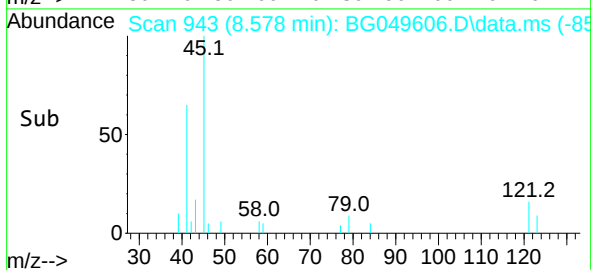
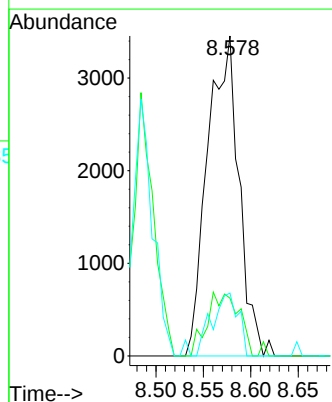
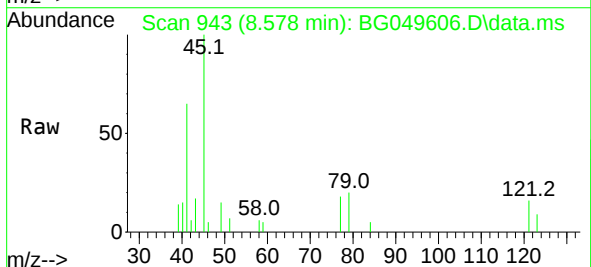
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

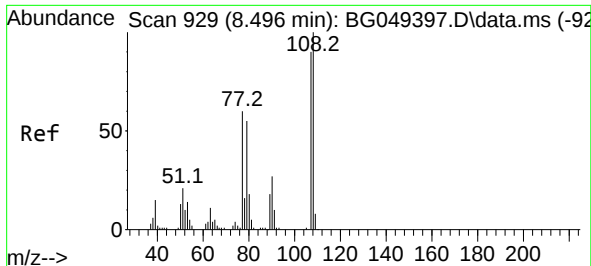
Tgt Ion: 79 Resp: 8621
Ion Ratio Lower Upper
79 100
108 47.6 48.2 72.4#
77 55.0 57.3 85.9#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.670 ng
RT: 8.578 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion: 45 Resp: 7962
Ion Ratio Lower Upper
45 100
77 18.1 2.2 42.2
79 19.6 0.0 34.3

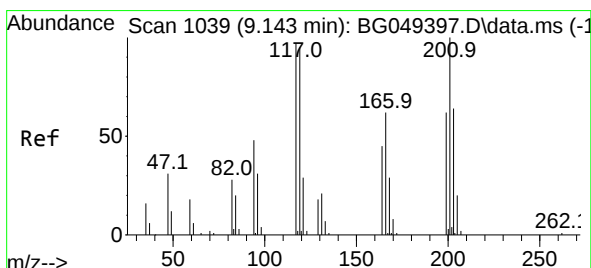
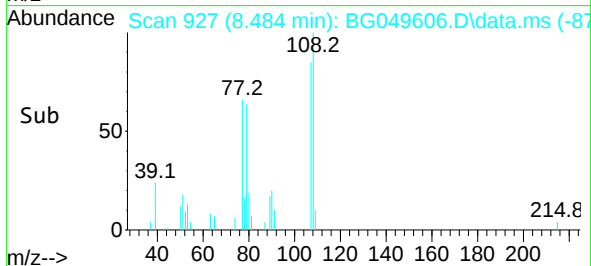
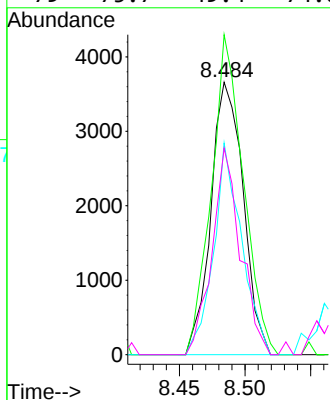
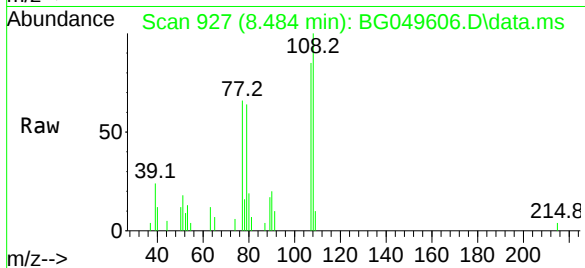




#17
2-Methylphenol
Concen: 3.469 ng
RT: 8.484 min Scan# 927
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

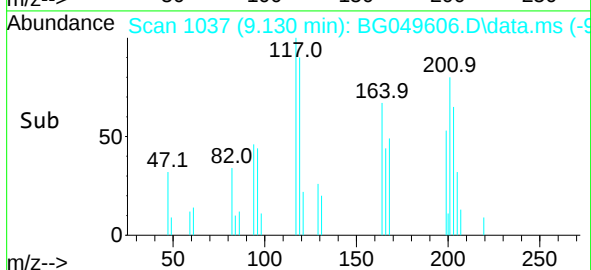
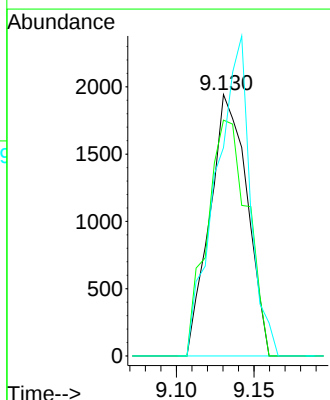
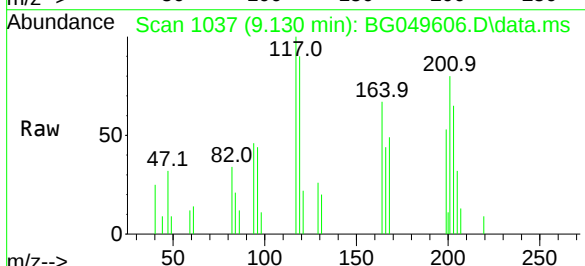
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

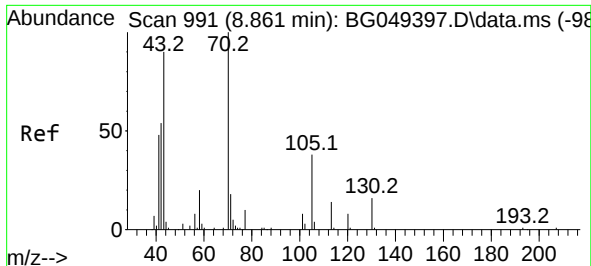
Tgt Ion:	107	Resp:	6262
Ion	Ratio	Lower	Upper
107	100		
108	117.4	84.6	127.0
77	77.7	50.7	76.1#
79	75.7	49.4	74.0#



#18
Hexachloroethane
Concen: 3.525 ng
RT: 9.130 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

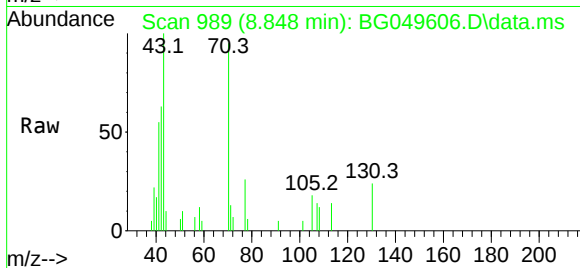
Tgt Ion:	117	Resp:	3232
Ion	Ratio	Lower	Upper
117	100		
119	90.2	74.4	111.6
201	79.7	88.6	133.0#



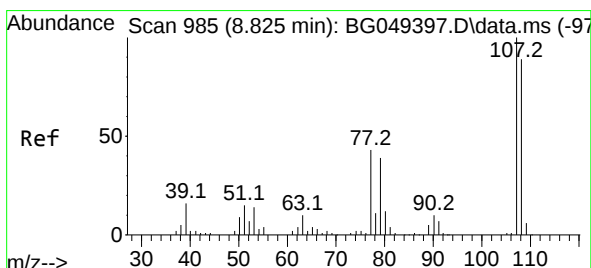
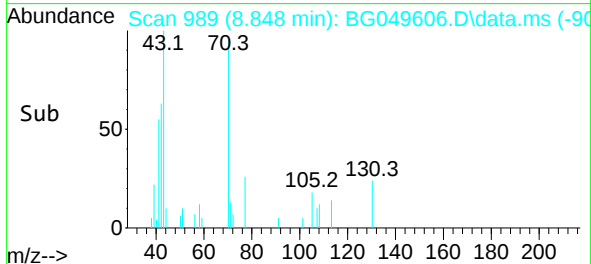
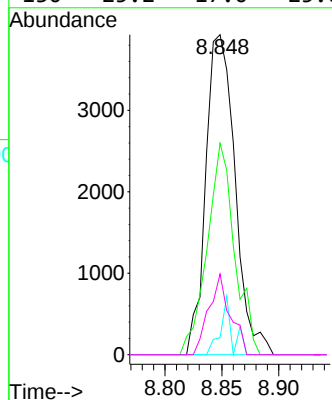


#19
n-Nitroso-di-n-propylamine
Concen: 3.761 ng
RT: 8.848 min Scan# 989
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

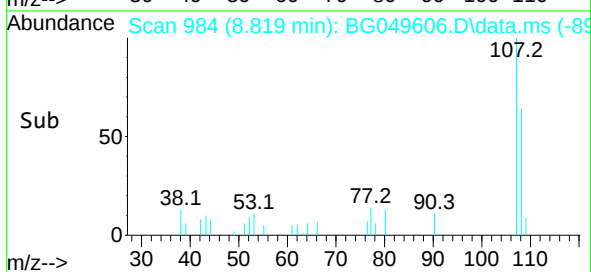
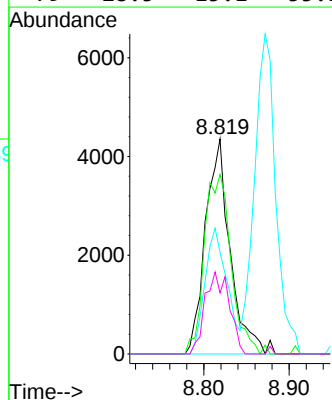
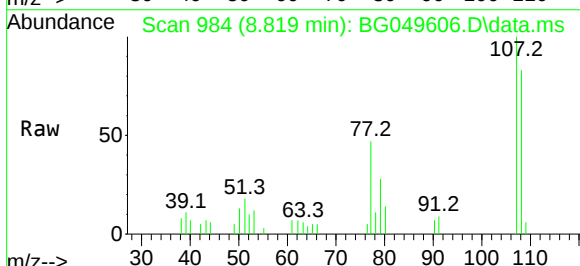


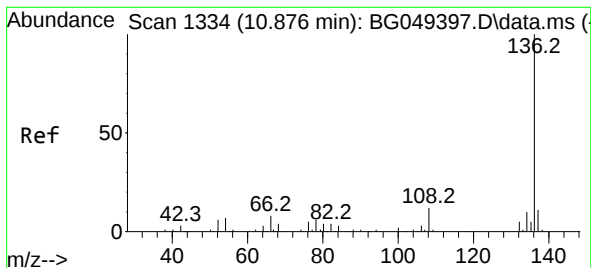
Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.1	54.5	81.7
101	5.3	9.0	13.6#
130	25.2	17.0	25.6



#20
3+4-Methylphenols
Concen: 3.554 ng
RT: 8.819 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

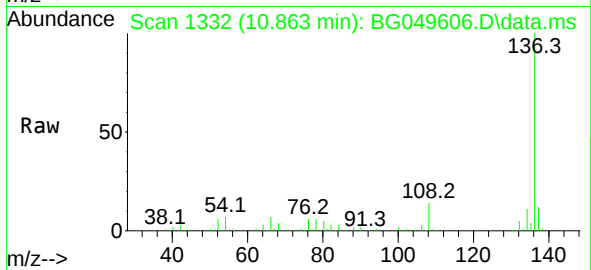
Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.5	69.3	109.3
77	47.2	25.2	65.2
79	28.5	15.1	55.1



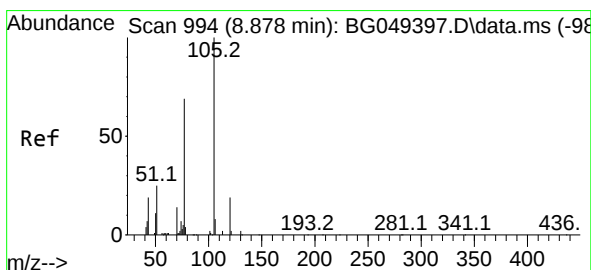
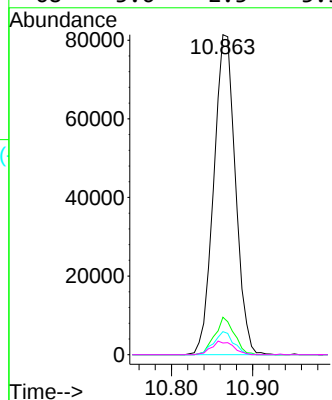
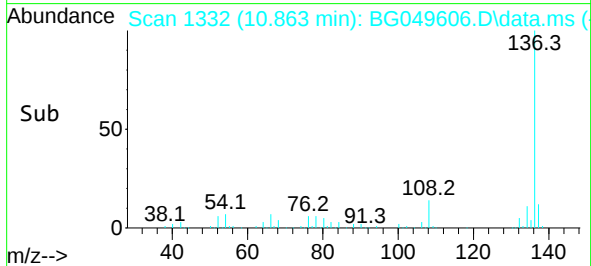


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.863 min Scan# 1332
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

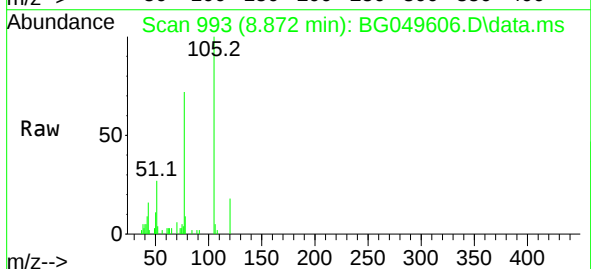
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



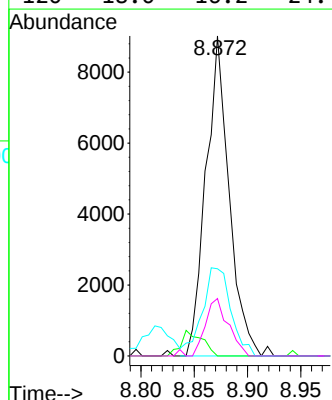
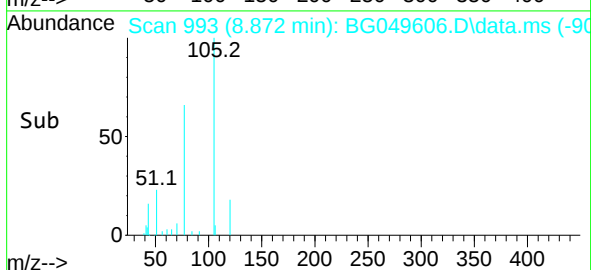
Tgt Ion:	136	Resp:	150841
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.2	12.2
54	7.2	5.5	8.3
68	3.6	2.3	3.5#

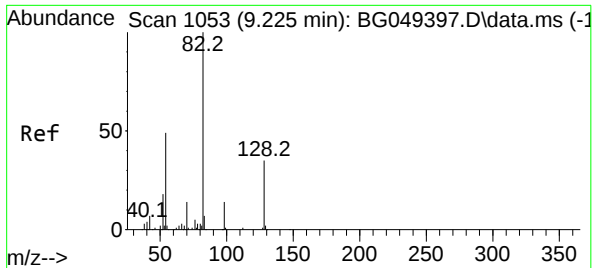


#22
Acetophenone
Concen: 3.400 ng
RT: 8.872 min Scan# 993
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28



Tgt Ion:	105	Resp:	13733
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	0.8#
51	27.2	26.6	40.0
120	18.0	16.2	24.4

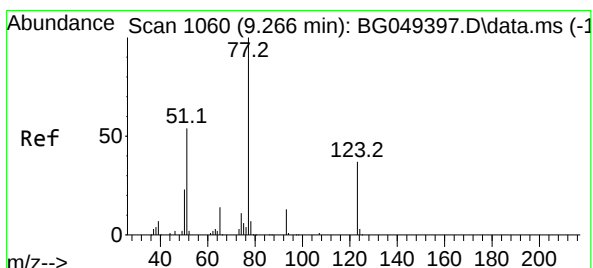
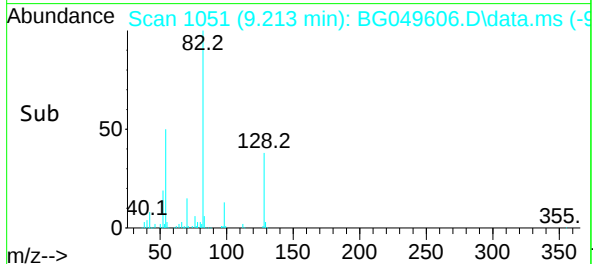
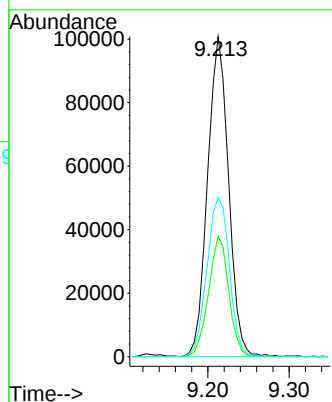
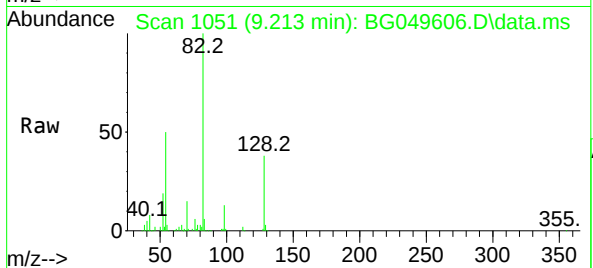




#23
Nitrobenzene-d5
Concen: 53.707 ng
RT: 9.213 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

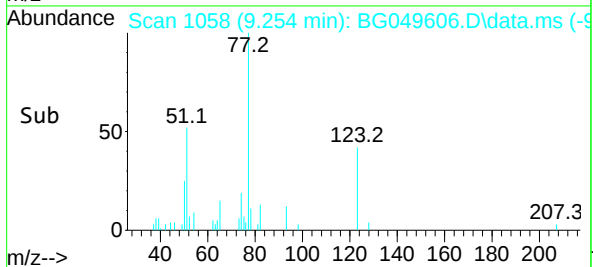
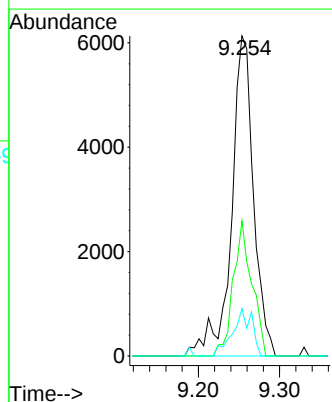
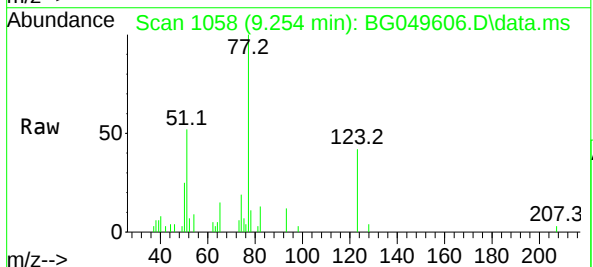
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

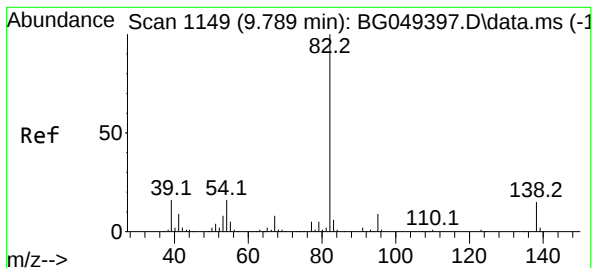
Tgt Ion:	82	Resp:	180813
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.8	44.6
54	49.7	45.8	68.8



#24
Nitrobenzene
Concen: 3.255 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:	77	Resp:	11511
Ion	Ratio	Lower	Upper
77	100		
123	42.3	27.5	41.3#
65	14.8	12.6	18.8



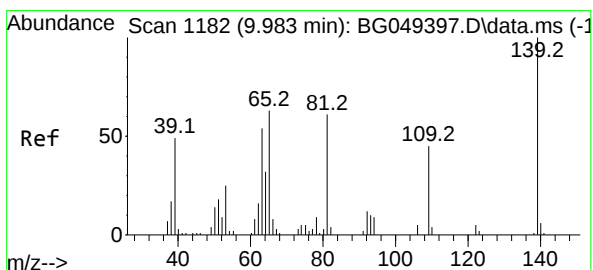
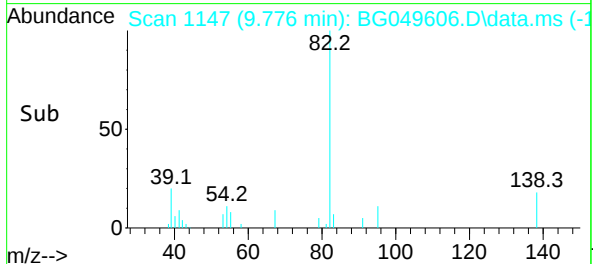
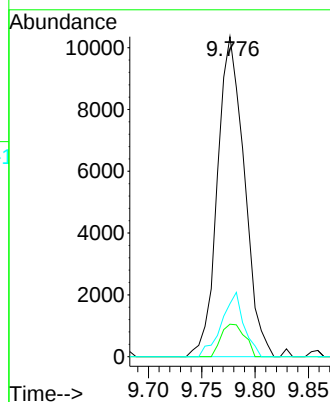
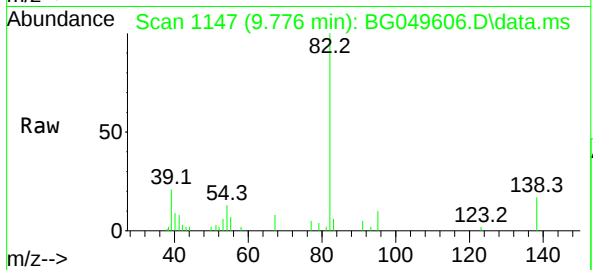


#25

Isophorone
Concen: 3.041 ng
RT: 9.776 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

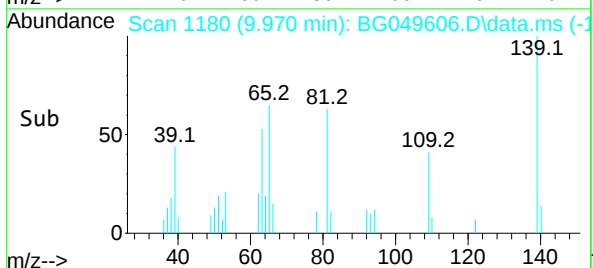
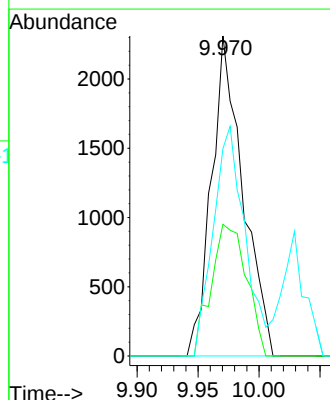
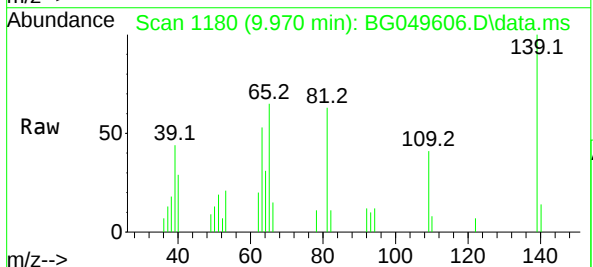
Tgt Ion: 82 Resp: 18139
Ion Ratio Lower Upper
82 100
95 10.1 8.5 12.7
138 16.5 11.8 17.6

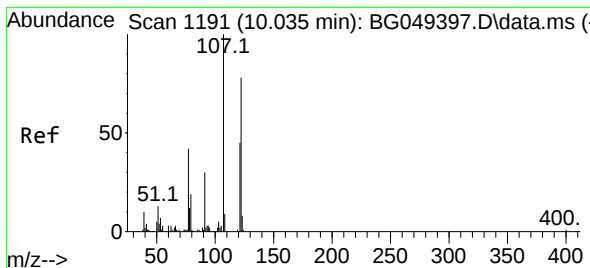


#26

2-Nitrophenol
Concen: 3.225 ng
RT: 9.970 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion: 139 Resp: 4139
Ion Ratio Lower Upper
139 100
109 41.2 37.8 56.6
65 64.8 51.8 77.8

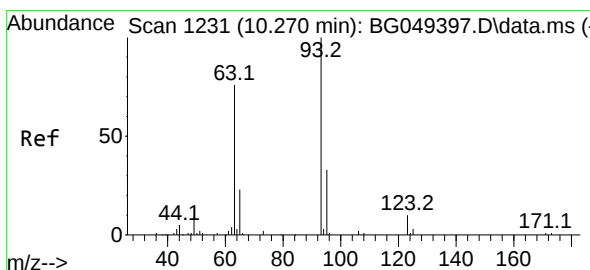
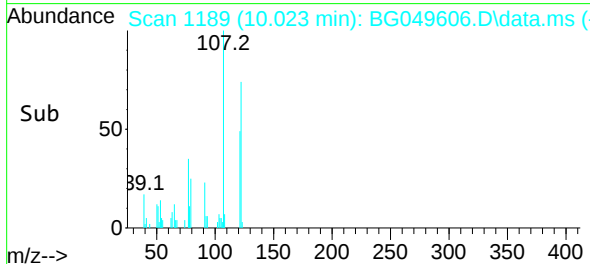
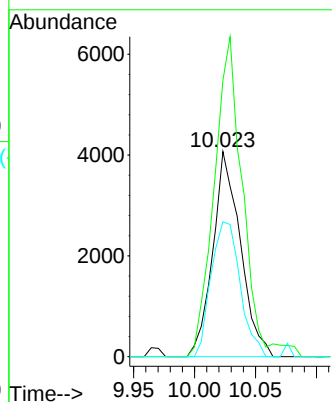
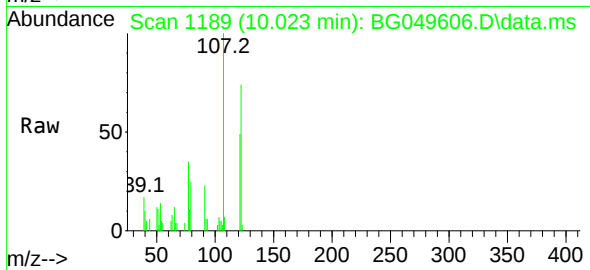




#27
2,4-Dimethylphenol
Concen: 3.121 ng
RT: 10.023 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BG049606.D
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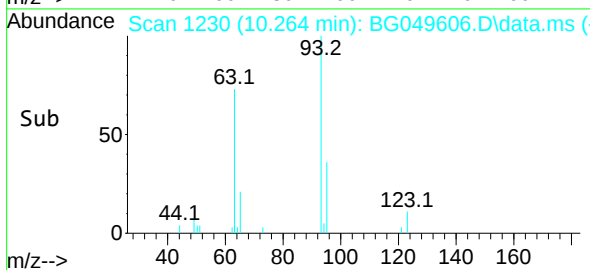
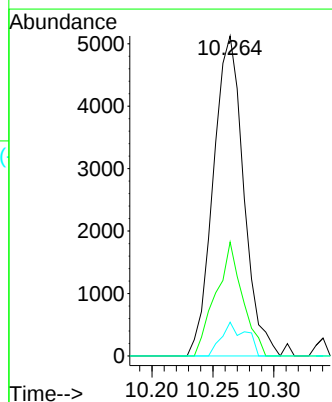
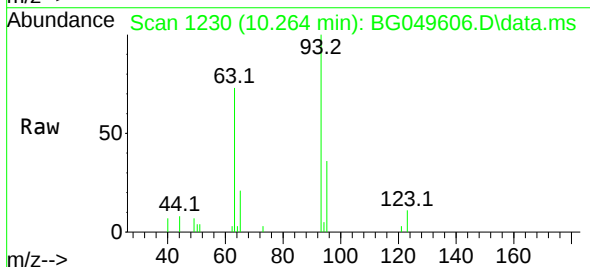
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

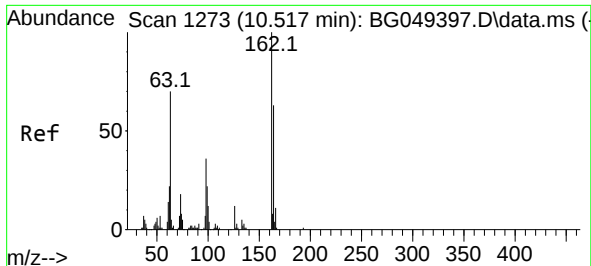
Tgt Ion:122 Resp: 6404
Ion Ratio Lower Upper
122 100
107 134.8 110.1 165.1
121 65.8 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 3.333 ng
RT: 10.264 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion: 93 Resp: 8871
Ion Ratio Lower Upper
93 100
95 35.6 22.2 33.4#
123 10.5 8.8 13.2

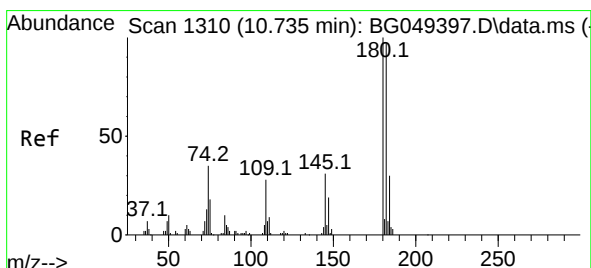
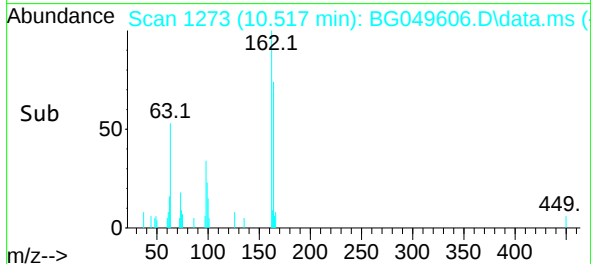
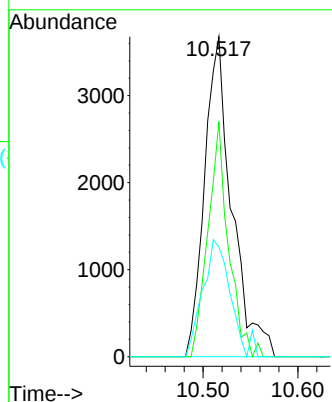
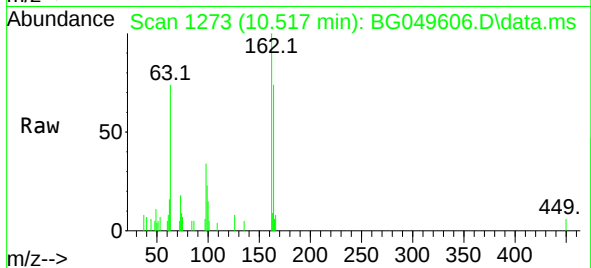




#29
2,4-Dichlorophenol
Concen: 3.078 ng
RT: 10.517 min Scan# 1273
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

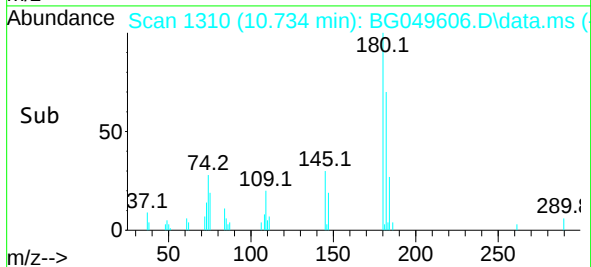
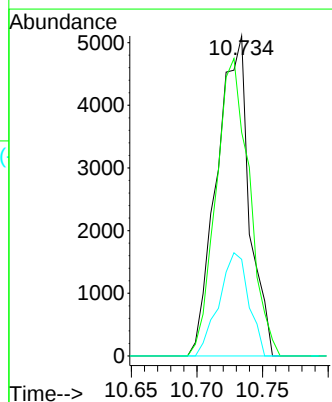
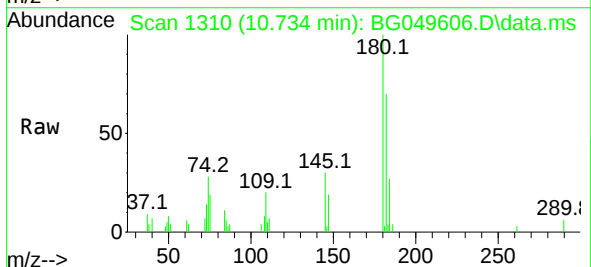
Instrument :
BNA_G
ClientSampleId :
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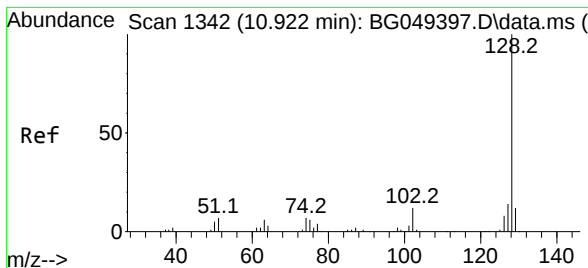
Tgt Ion:	162	Resp:	7325
Ion	Ratio	Lower	Upper
162	100		
164	73.5	39.4	79.4
98	34.2	18.7	58.7



#30
1,2,4-Trichlorobenzene
Concen: 3.260 ng
RT: 10.734 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:	180	Resp:	8760
Ion	Ratio	Lower	Upper
180	100		
182	69.9	78.9	118.3#
145	30.2	26.2	39.4

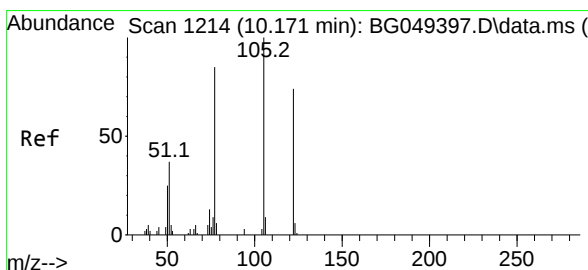
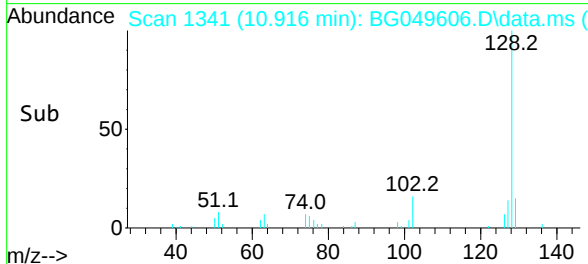
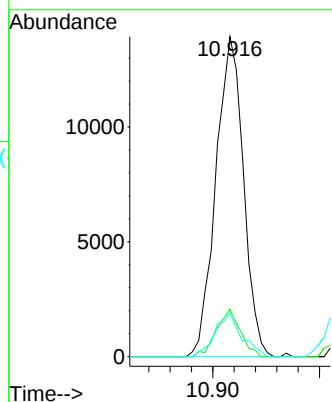
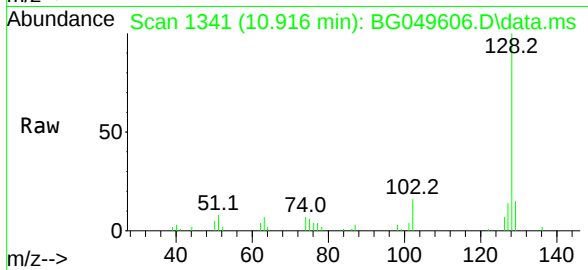




#31
Naphthalene
Concen: 3.144 ng
RT: 10.916 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

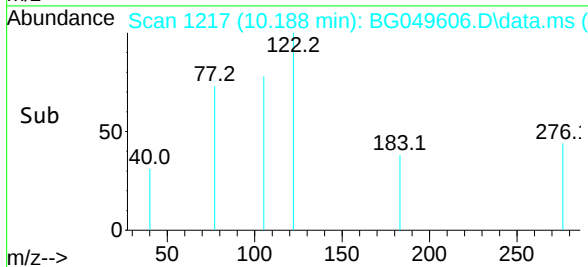
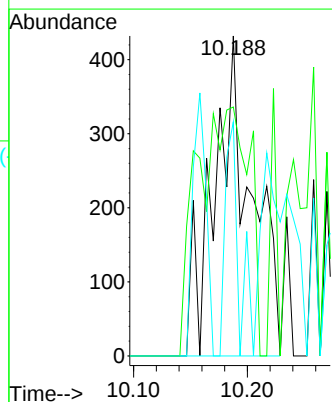
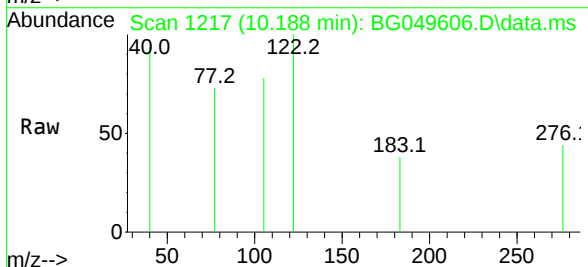
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

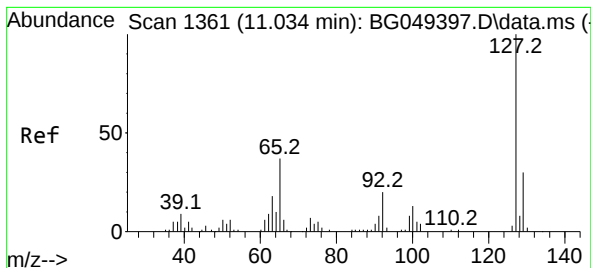
Tgt Ion:128 Resp: 25009
Ion Ratio Lower Upper
128 100
129 14.8 8.5 12.7#
127 13.7 10.2 15.4



#32
Benzoic acid
Concen: 0.736 ng
RT: 10.188 min Scan# 1217
Delta R.T. 0.017 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:122 Resp: 992
Ion Ratio Lower Upper
122 100
105 77.8 92.3 132.3#
77 73.1 66.5 106.5

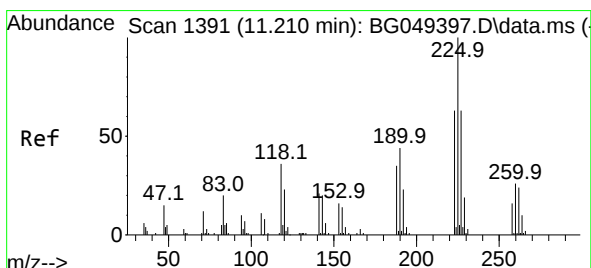
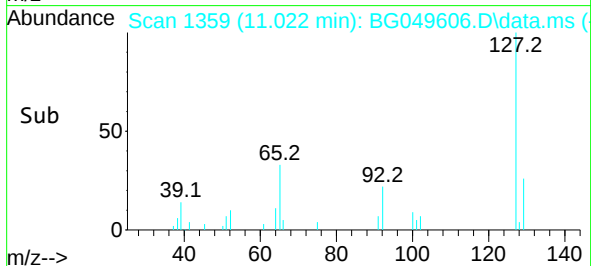
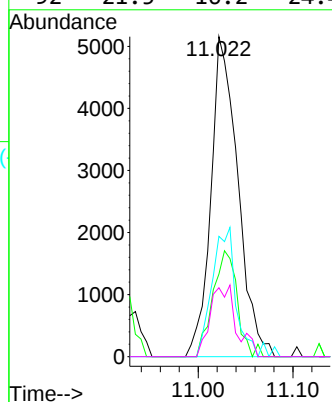
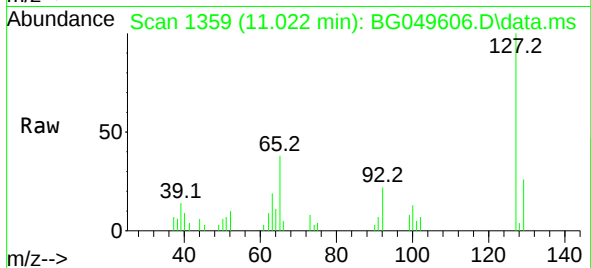




#33
4-Chloroaniline
Concen: 3.357 ng
RT: 11.022 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

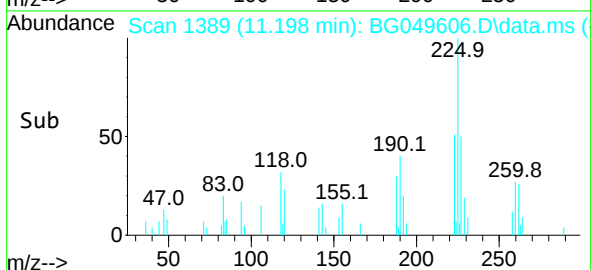
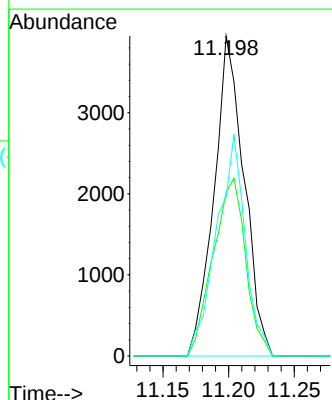
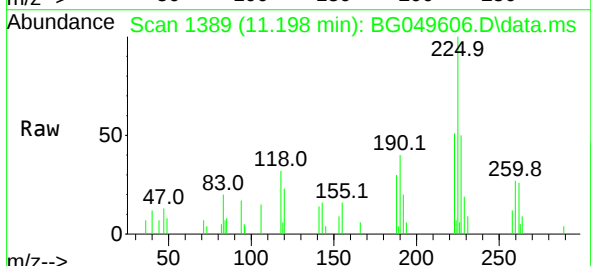
Instrument :
BNA_G
ClientSampleId :
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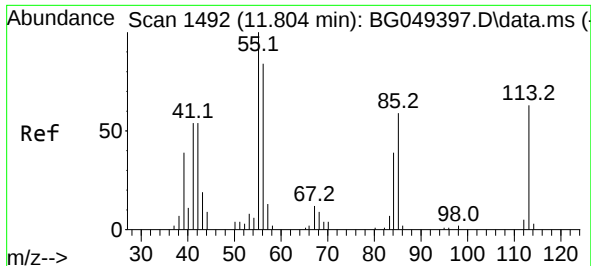
Tgt Ion:127	Resp:	10190
Ion Ratio	Lower	Upper
127	100	
129	25.8	26.7 40.1#
65	37.6	32.8 49.2
92	21.5	16.2 24.4



#34
Hexachlorobutadiene
Concen: 3.253 ng
RT: 11.198 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:225	Resp:	6264
Ion Ratio	Lower	Upper
225	100	
223	51.2	49.8 74.8
227	49.6	46.4 69.6

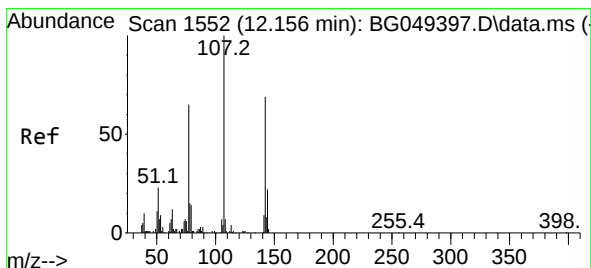
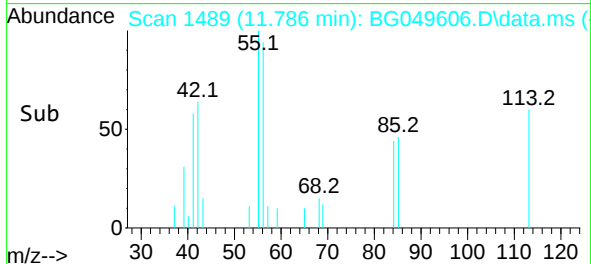
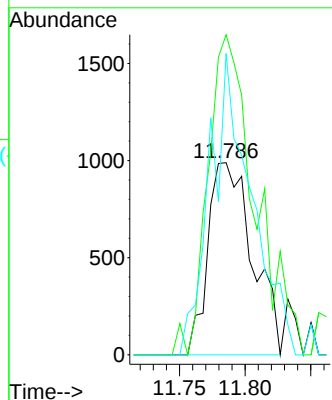
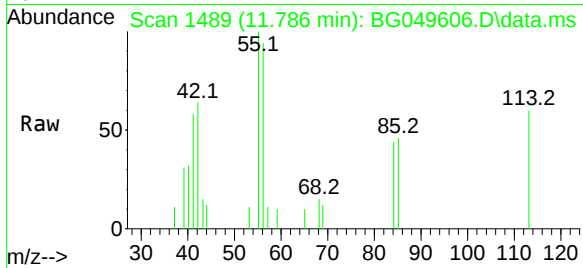




#35
Caprolactam
Concen: 3.143 ng
RT: 11.786 min Scan# 1489
Delta R.T. -0.018 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

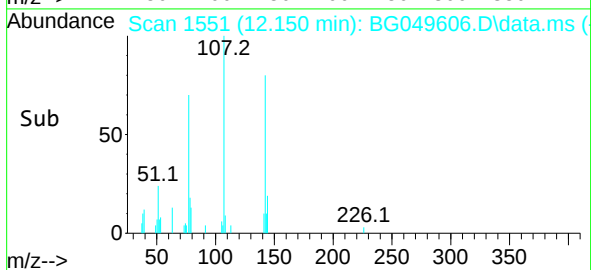
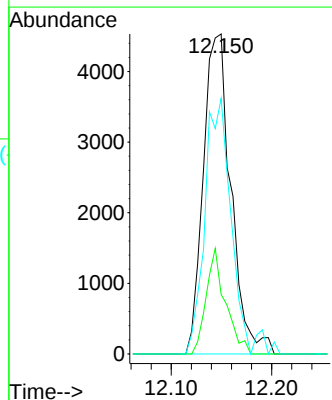
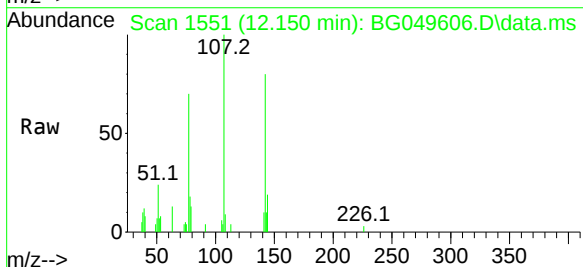
Instrument :
BNA_G
ClientSampleId :
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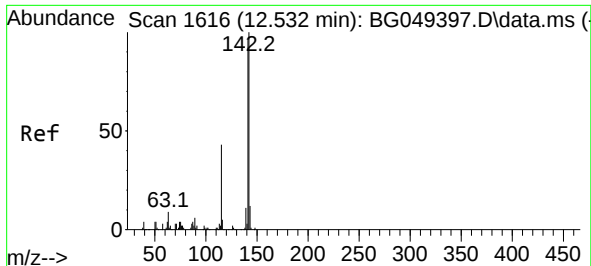
Tgt Ion:113 Resp: 2322
Ion Ratio Lower Upper
113 100
55 166.6 113.8 153.8#
56 156.8 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 3.094 ng
RT: 12.150 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:107 Resp: 8684
Ion Ratio Lower Upper
107 100
144 18.6 24.8 37.2#
142 79.9 62.2 93.4

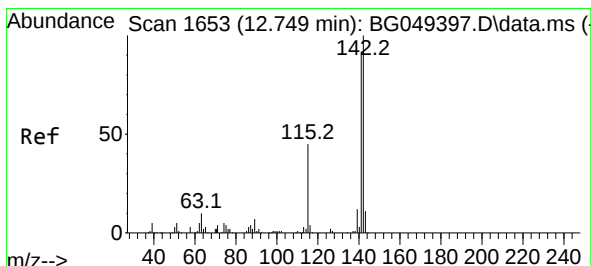
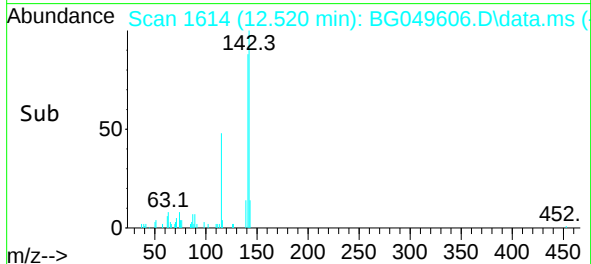
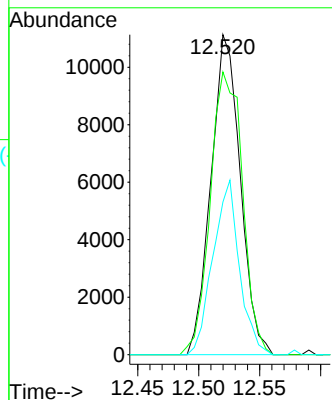
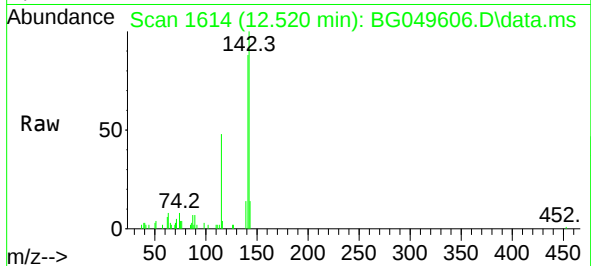




#37
2-Methylnaphthalene
Concen: 3.208 ng
RT: 12.520 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

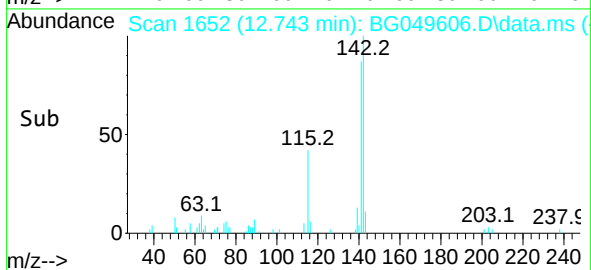
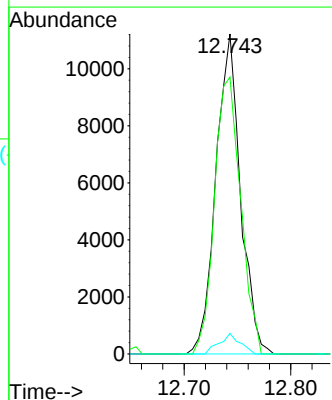
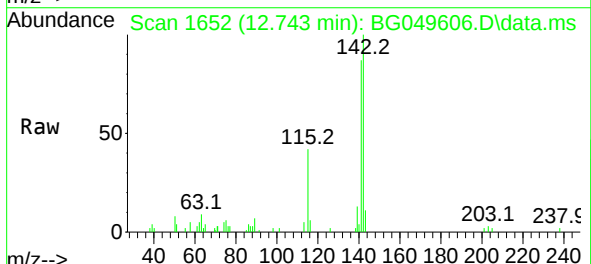
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

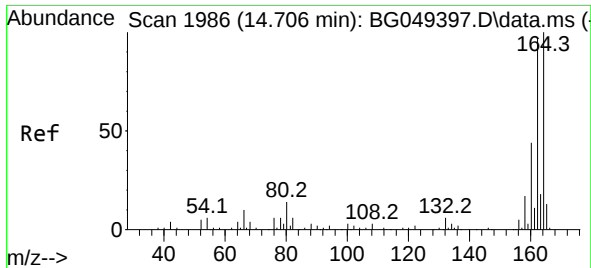
Tgt Ion:142 Resp: 18627
Ion Ratio Lower Upper
142 100
141 88.3 68.8 103.2
115 47.7 36.4 54.6



#38
1-Methylnaphthalene
Concen: 3.234 ng
RT: 12.743 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:142 Resp: 17952
Ion Ratio Lower Upper
142 100
141 86.6 70.6 106.0
116 6.5 4.0 6.0#

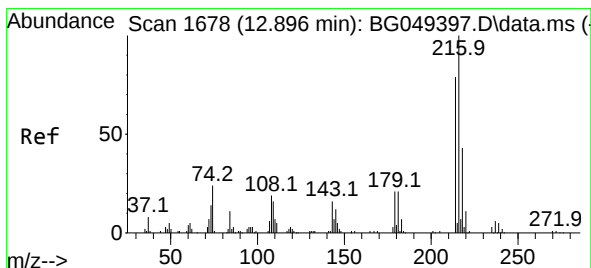
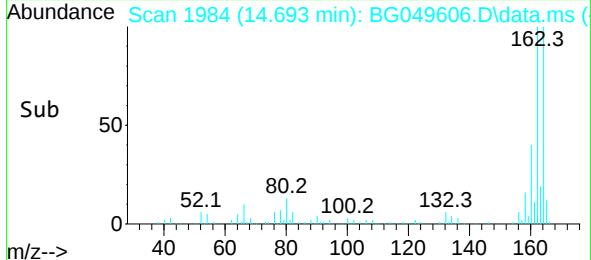
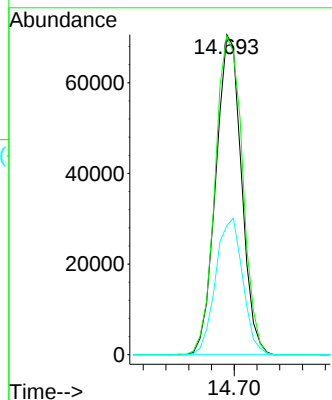
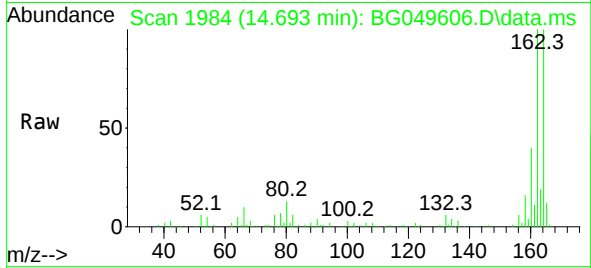




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1984
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

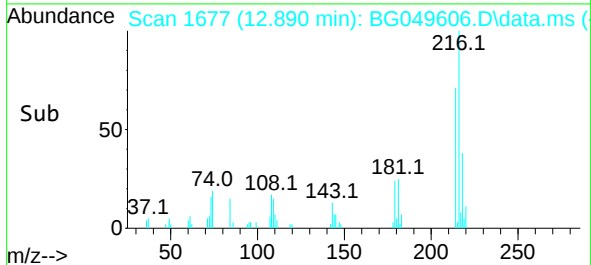
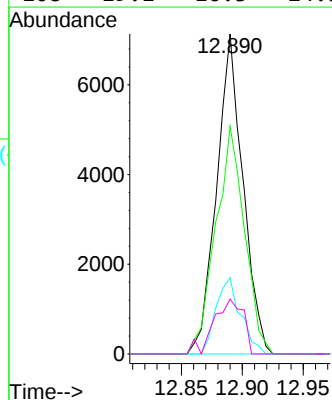
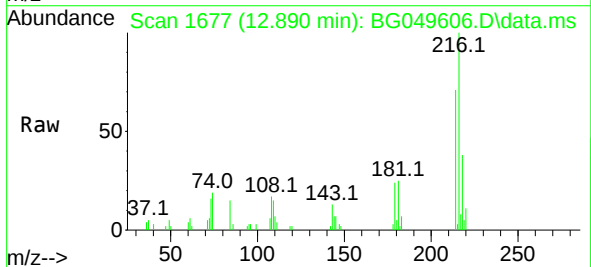
Instrument :
BNA_G
ClientSampleId :
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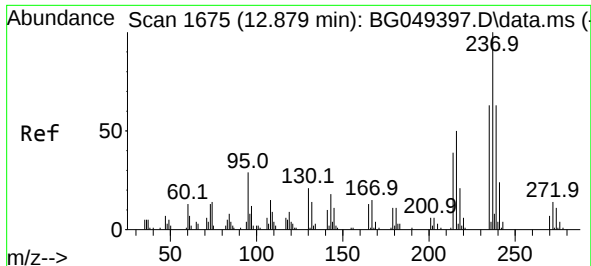
Tgt Ion:164 Resp: 110538
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 40.2 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.278 ng
RT: 12.890 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

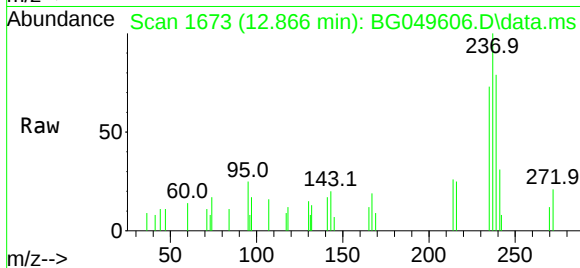
Tgt Ion:216 Resp: 10714
Ion Ratio Lower Upper
216 100
214 77.7 61.4 92.2
179 22.2 17.3 25.9
108 19.1 16.3 24.5



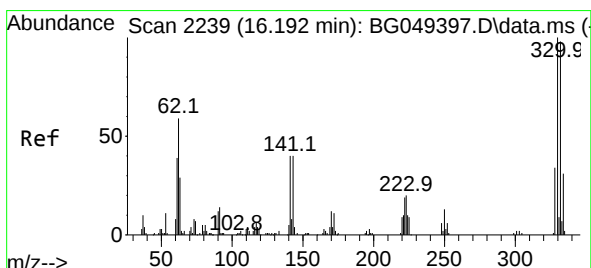
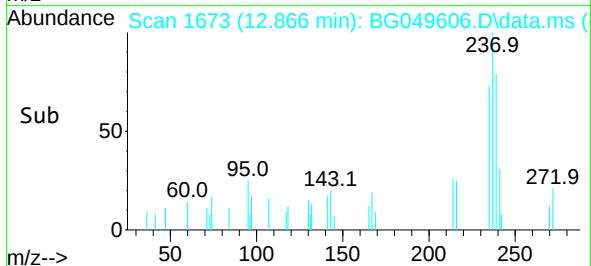
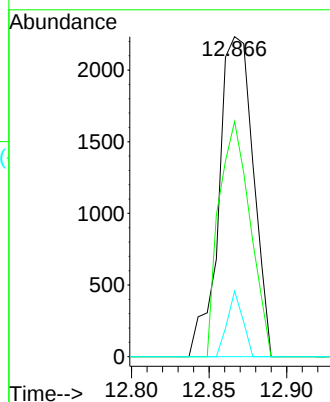


#41
Hexachlorocyclopentadiene
Concen: 2.356 ng
RT: 12.866 min Scan# 1673
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

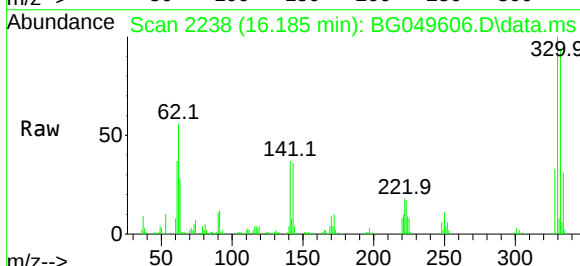
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



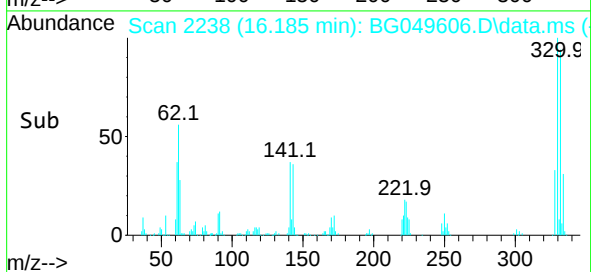
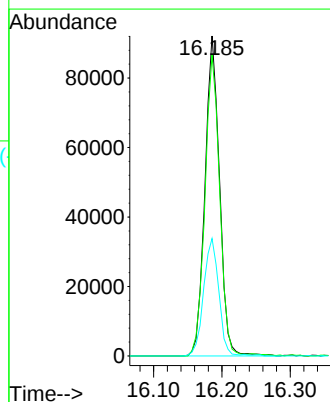
Tgt Ion:	237	Resp:	3438
Ion	Ratio	Lower	Upper
237	100		
235	73.5	36.6	76.6
272	20.5	0.0	32.5

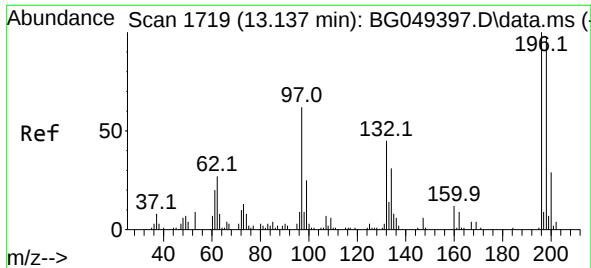


#42
2,4,6-Tribromophenol
Concen: 92.379 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28



Tgt Ion:	330	Resp:	136749
Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	38.4	35.6	53.4

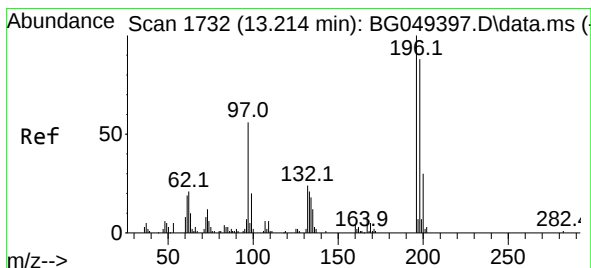
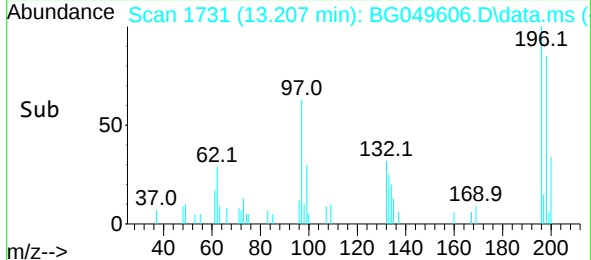
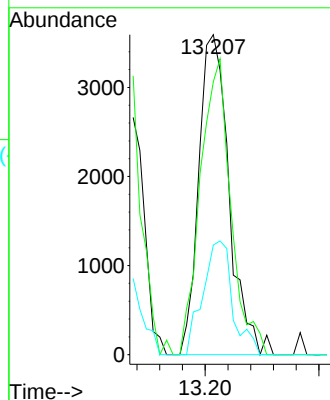
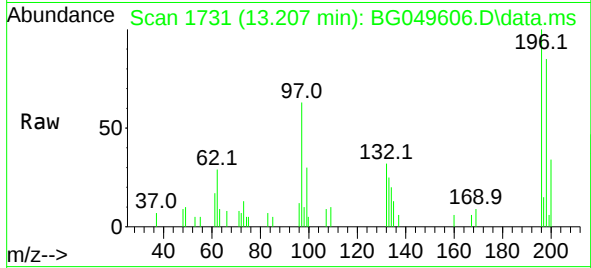




#43
2,4,6-Trichlorophenol
Concen: 3.115 ng
RT: 13.207 min Scan# 1731
Delta R.T. 0.070 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

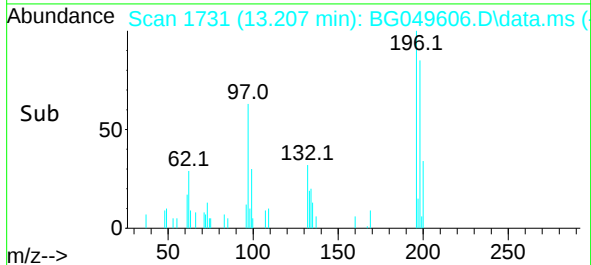
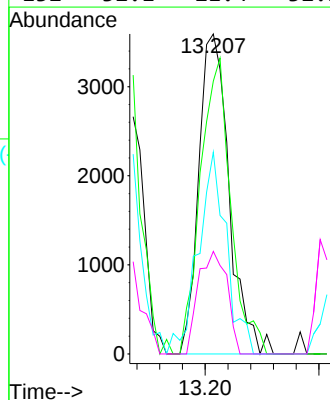
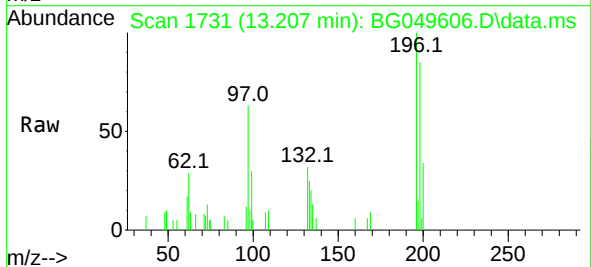
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

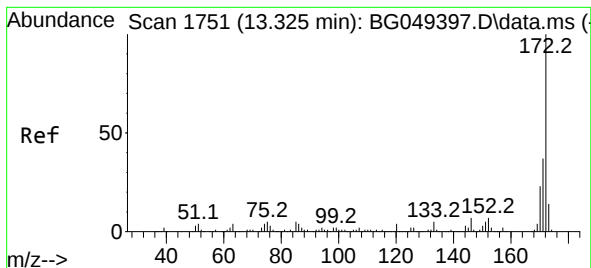
Tgt Ion:196 Resp: 6641
Ion Ratio Lower Upper
196 100
198 85.3 82.1 123.1
200 34.2 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 2.880 ng
RT: 13.207 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:196 Resp: 6641
Ion Ratio Lower Upper
196 100
198 85.3 87.4 131.0#
97 63.1 43.3 64.9
132 32.1 21.4 32.2

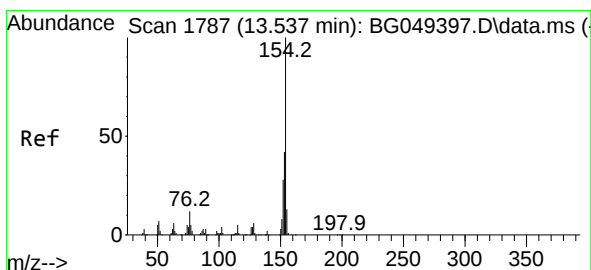
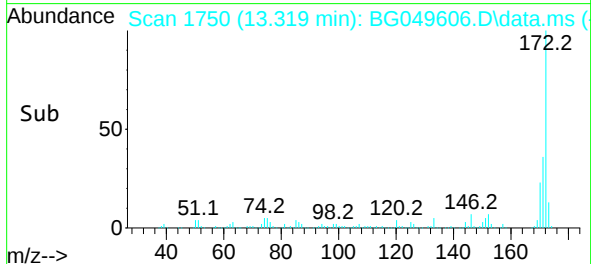
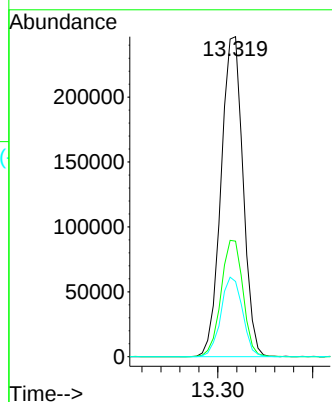
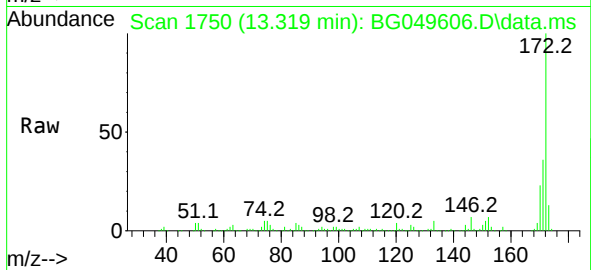




#45
2-Fluorobiphenyl
Concen: 51.697 ng
RT: 13.319 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

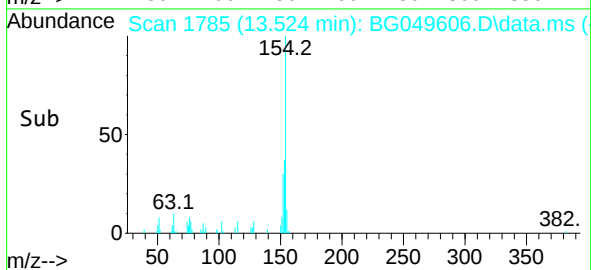
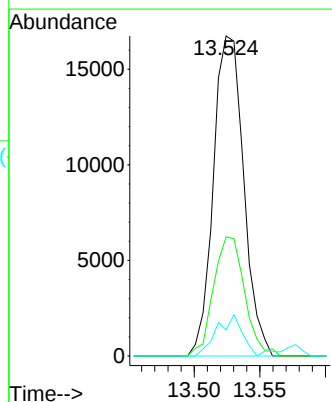
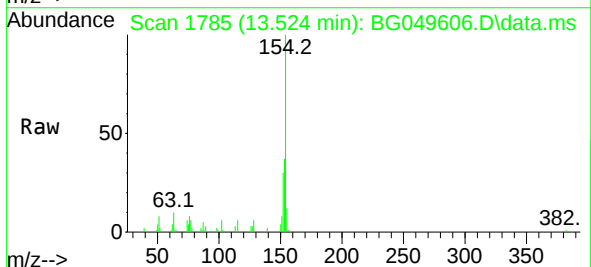
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

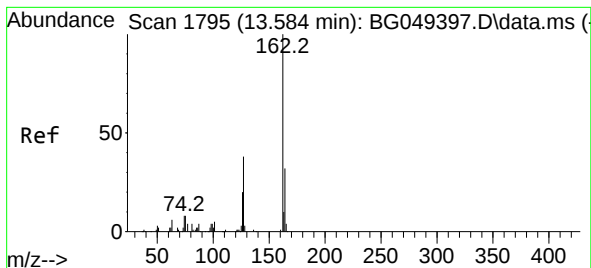
Tgt Ion:172 Resp: 397136
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 3.311 ng
RT: 13.524 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:154 Resp: 26828
Ion Ratio Lower Upper
154 100
153 37.2 20.5 60.5
76 8.2 0.0 29.3

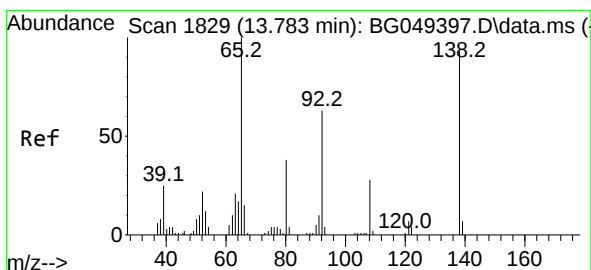
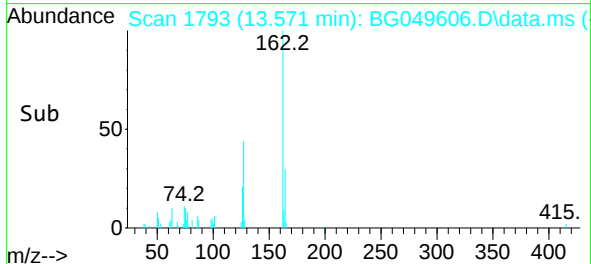
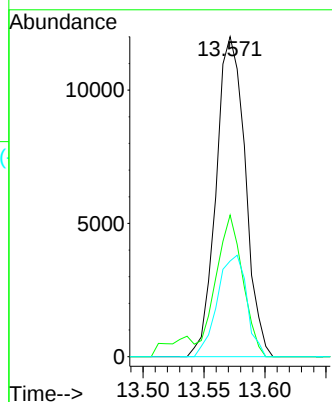
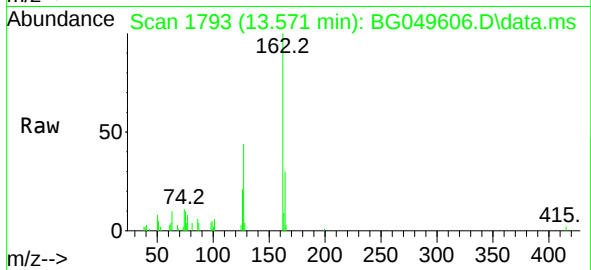




#47
2-Chloronaphthalene
Concen: 3.201 ng
RT: 13.571 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

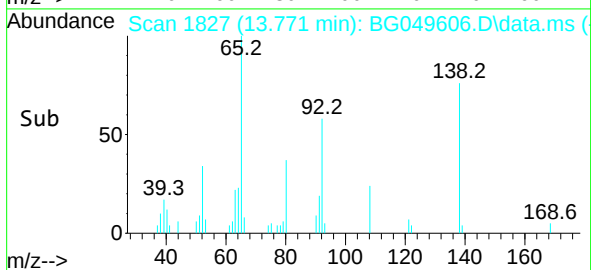
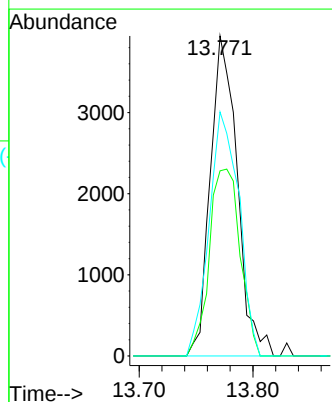
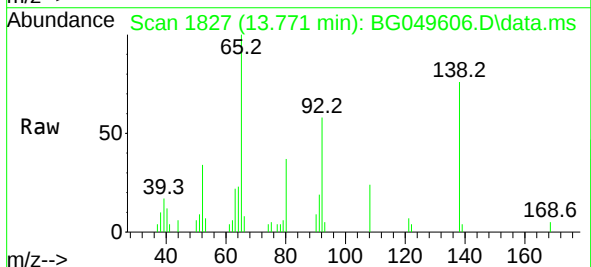
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

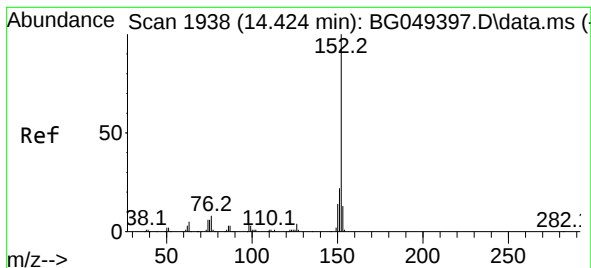
Tgt Ion:	162	Resp:	19926
Ion Ratio	Lower	Upper	
162	100		
127	44.3	32.7	49.1
164	29.9	27.0	40.4



#48
2-Nitroaniline
Concen: 2.998 ng
RT: 13.771 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:	65	Resp:	6493
Ion Ratio	Lower	Upper	
65	100		
92	57.9	47.2	70.8
138	76.3	68.0	102.0





#49

Acenaphthylene

Concen: 3.274 ng

RT: 14.417 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BG049606.D

Acq: 2 Aug 2021 16:28

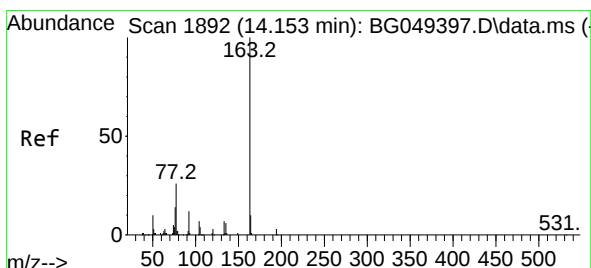
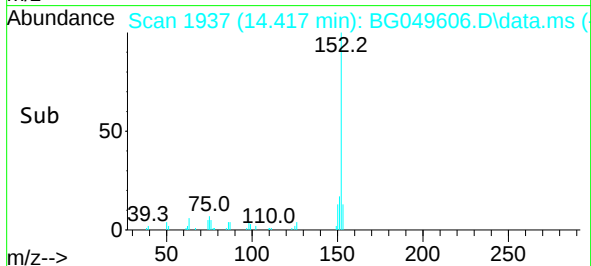
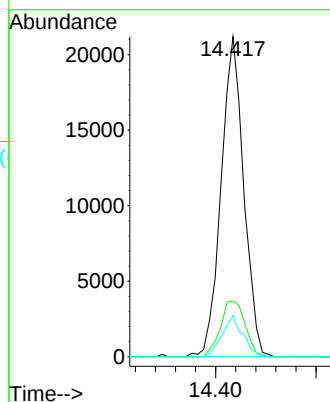
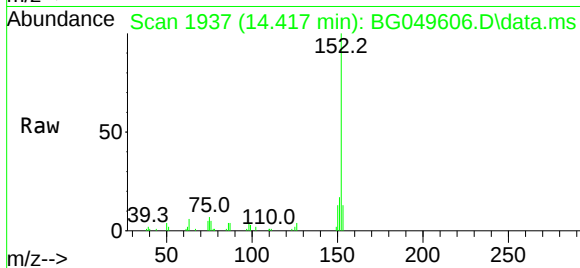
Tgt Ion:152 Resp: 33044

Ion Ratio Lower Upper

152 100

151 17.4 18.2 27.4#

153 12.9 11.7 17.5



#50

Dimethylphthalate

Concen: 3.222 ng

RT: 14.141 min Scan# 1890

Delta R.T. -0.012 min

Lab File: BG049606.D

Acq: 2 Aug 2021 16:28

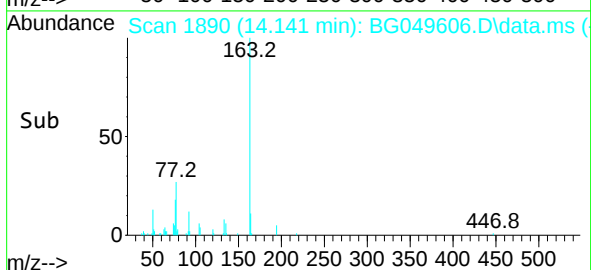
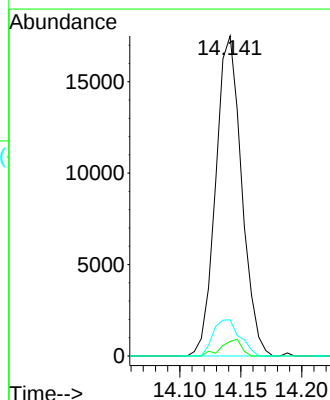
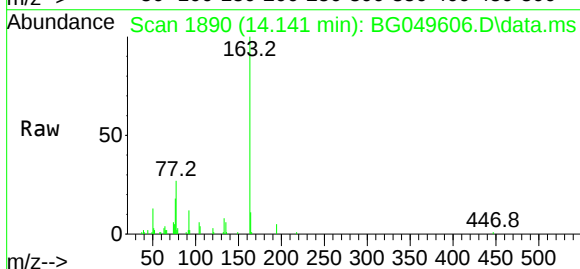
Tgt Ion:163 Resp: 25875

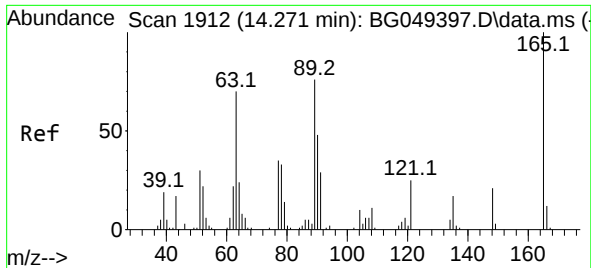
Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

164 11.3 8.6 12.8

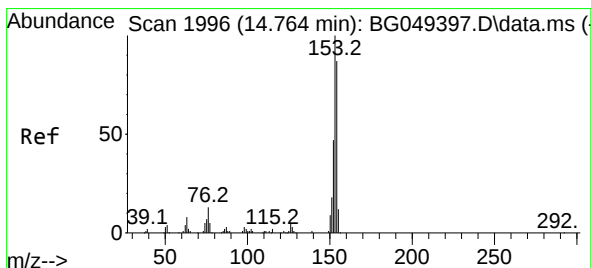
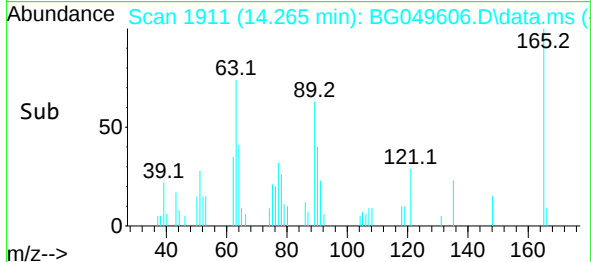
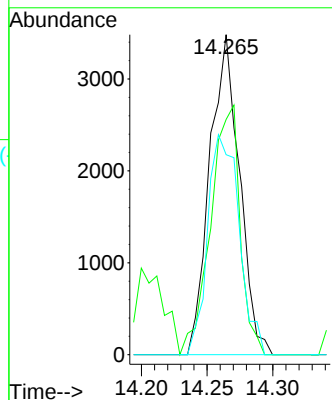
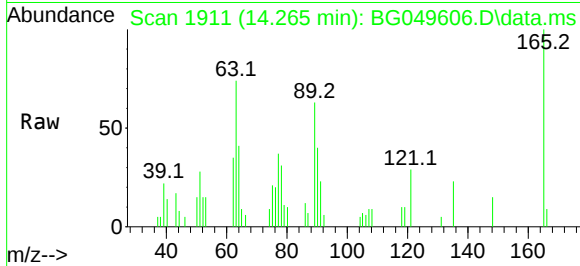




#51
2,6-Dinitrotoluene
Concen: 3.143 ng
RT: 14.265 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

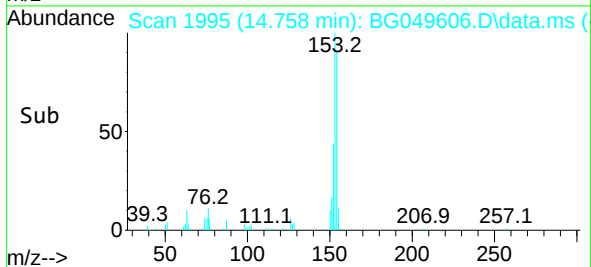
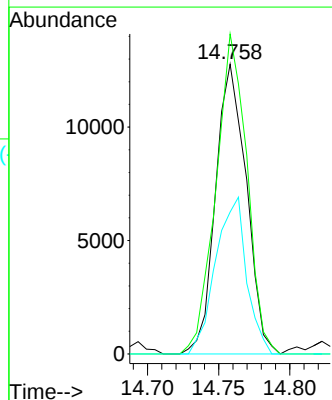
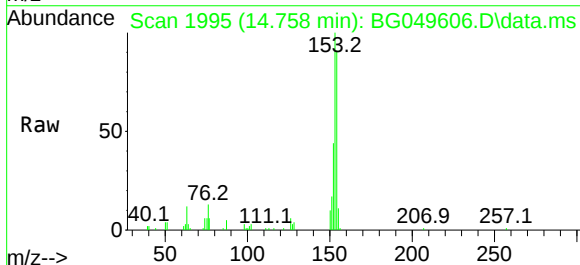
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

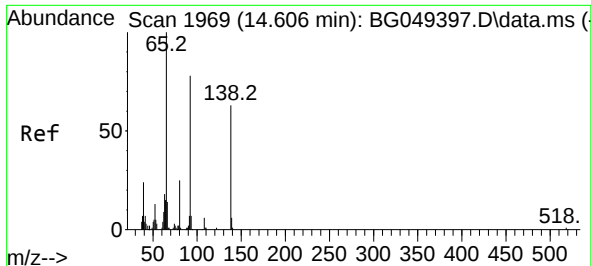
Tgt Ion:165 Resp: 5480
Ion Ratio Lower Upper
165 100
63 73.5 63.3 94.9
89 62.5 63.4 95.0#



#52
Acenaphthene
Concen: 3.155 ng
RT: 14.758 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:154 Resp: 19219
Ion Ratio Lower Upper
154 100
153 110.4 87.0 130.4
152 49.0 40.1 60.1

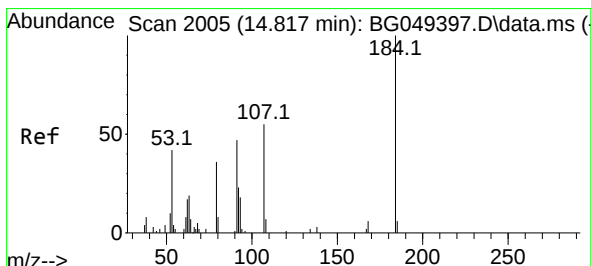
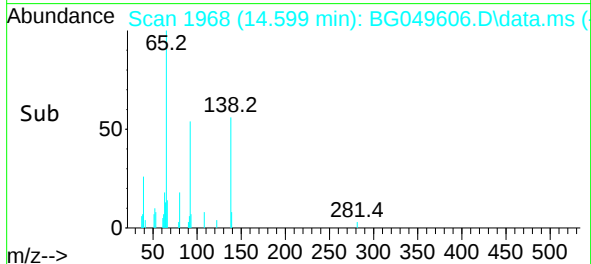
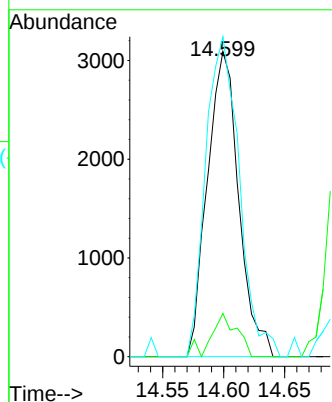
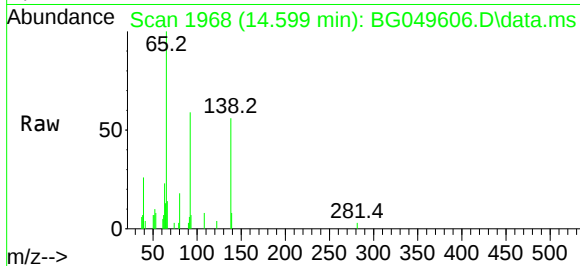




#53
3-Nitroaniline
Concen: 3.163 ng
RT: 14.599 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

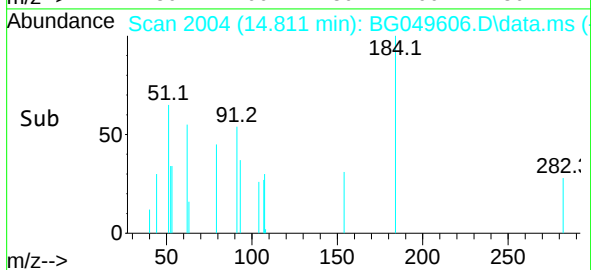
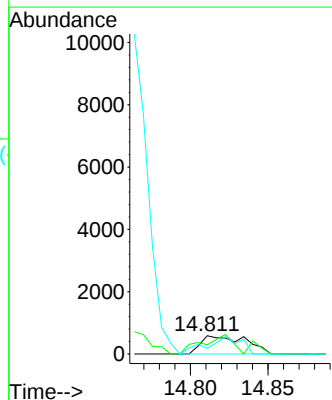
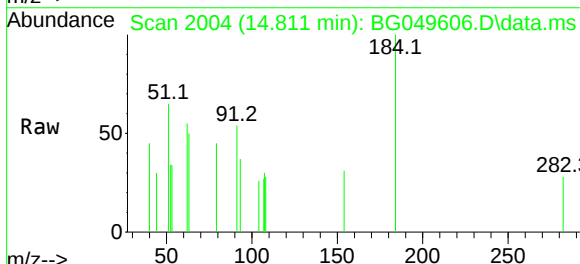
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

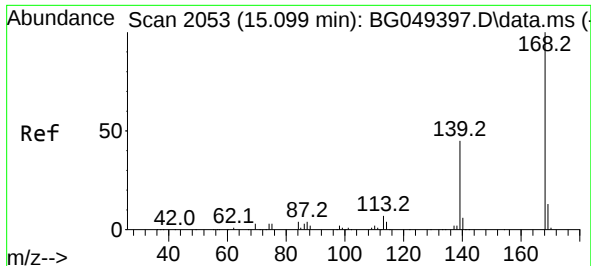
Tgt Ion:138 Resp: 5530
Ion Ratio Lower Upper
138 100
108 14.2 8.3 12.5#
92 104.9 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 1.603 ng
RT: 14.811 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:184 Resp: 1176
Ion Ratio Lower Upper
184 100
63 50.3 68.3 102.5#
154 30.9 62.6 93.8#

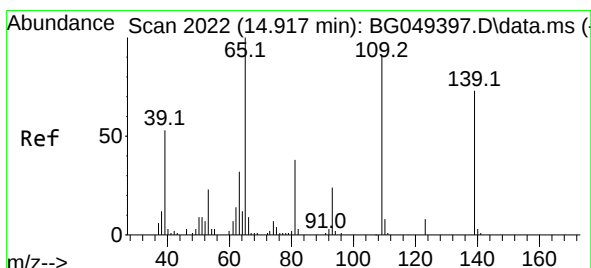
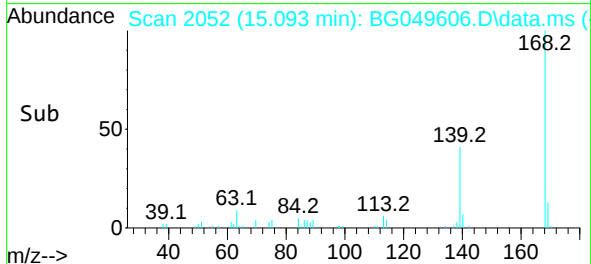
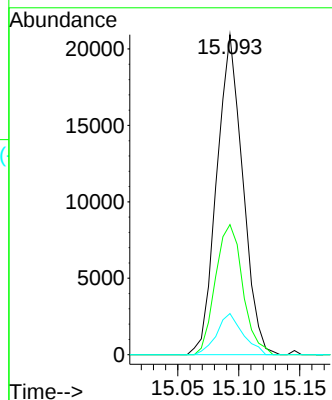
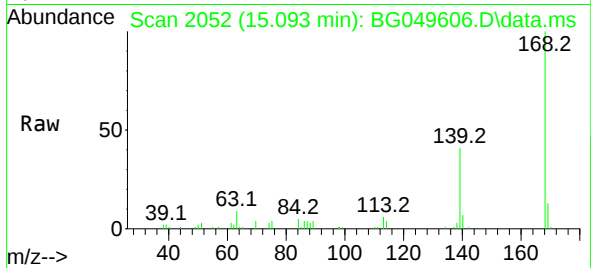




#55
Dibenzofuran
Concen: 3.177 ng
RT: 15.093 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

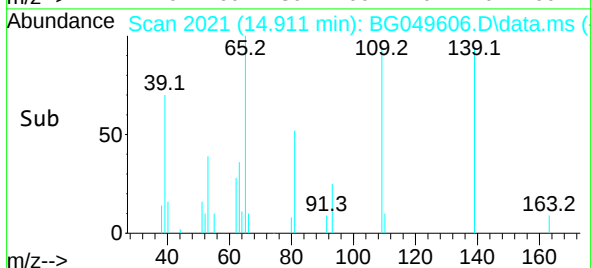
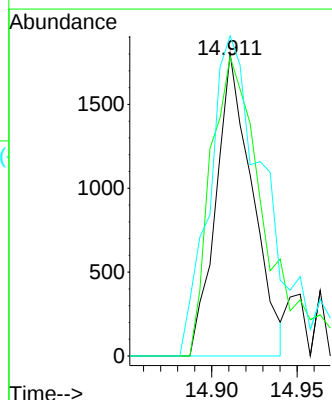
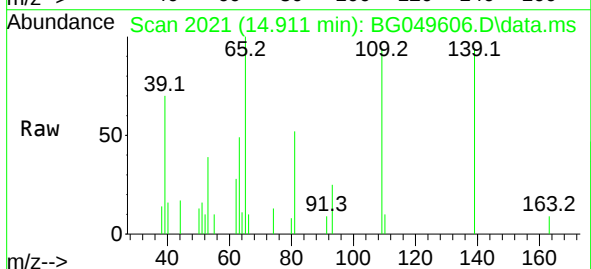
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

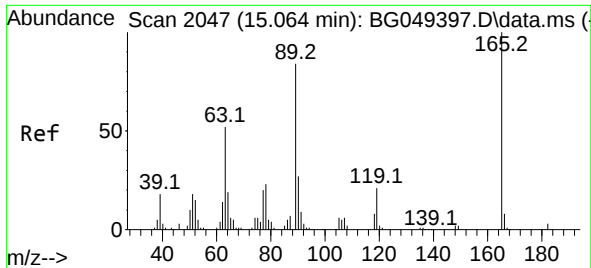
Tgt Ion:168 Resp: 31051
Ion Ratio Lower Upper
168 100
139 40.6 33.4 50.2
169 12.9 12.3 18.5



#56
4-Nitrophenol
Concen: 1.938 ng
RT: 14.911 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:139 Resp: 2672
Ion Ratio Lower Upper
139 100
109 98.9 116.3 156.3#
65 105.8 105.0 145.0

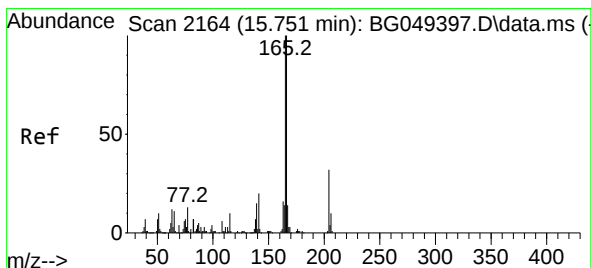
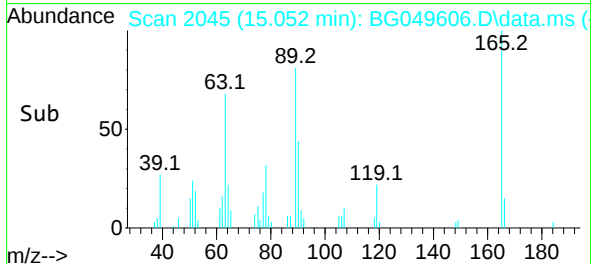
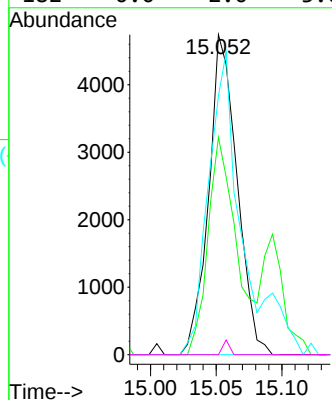
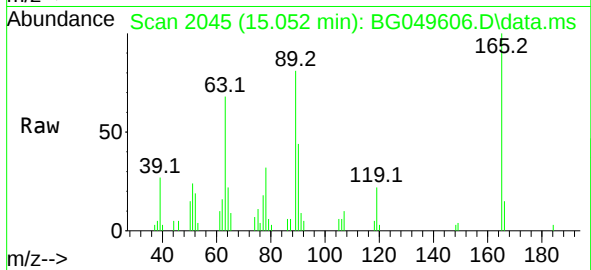




#57
2,4-Dinitrotoluene
Concen: 2.961 ng
RT: 15.052 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

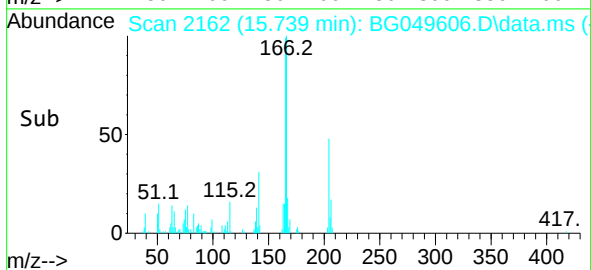
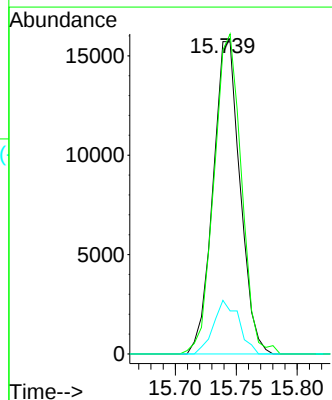
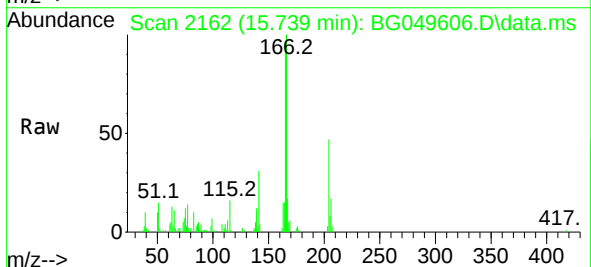
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

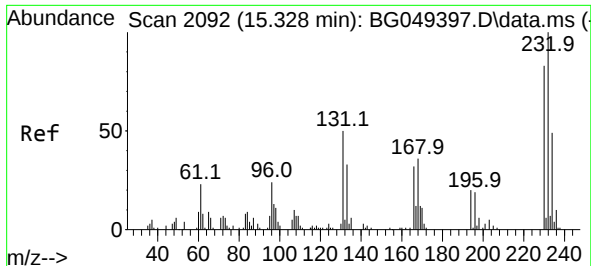
Tgt Ion:165	Resp:	7136
Ion Ratio	Lower	Upper
165	100	
63	68.0	48.0 72.0
89	80.9	65.4 98.0
182	0.0	2.0 3.0#



#58
Fluorene
Concen: 3.070 ng
RT: 15.739 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:166	Resp:	24315
Ion Ratio	Lower	Upper
166	100	
165	97.3	77.7 116.5
167	17.2	10.8 16.2#

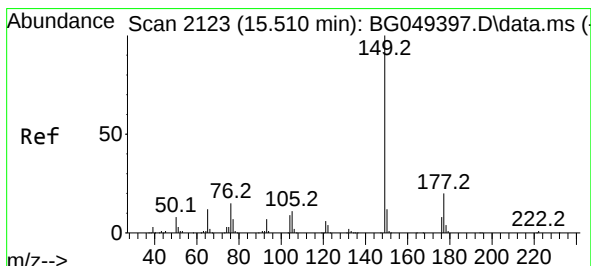
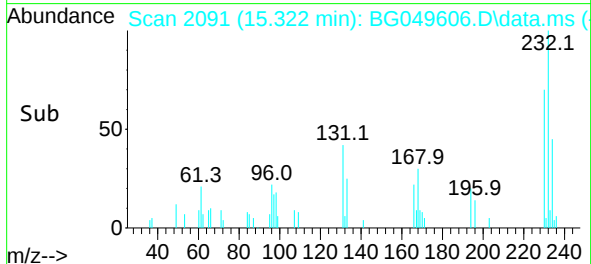
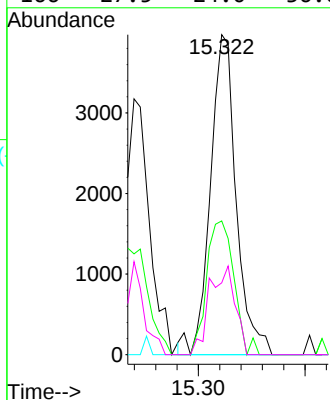
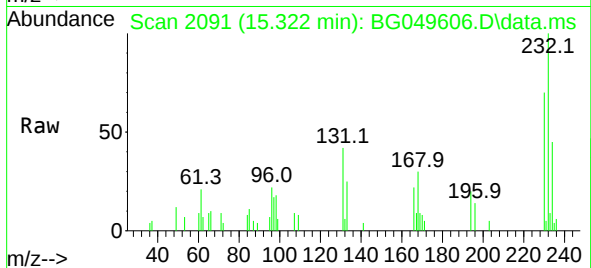




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.163 ng
RT: 15.322 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

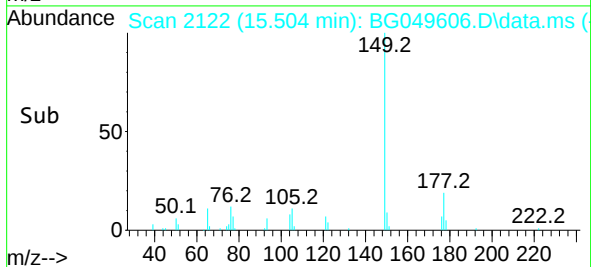
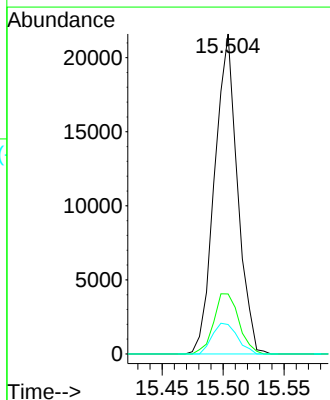
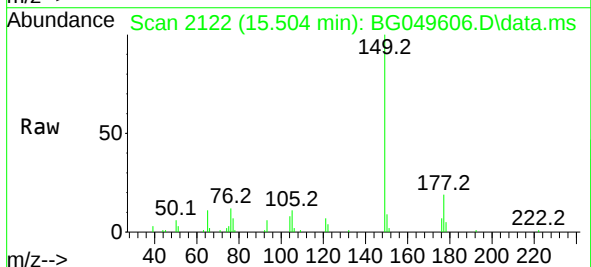
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

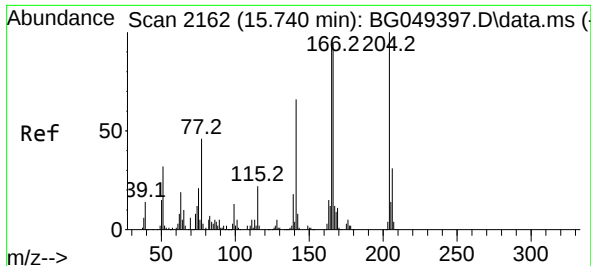
Tgt Ion:232 Resp: 6668
Ion Ratio Lower Upper
232 100
131 44.2 37.2 55.8
130 0.0 2.8 4.2#
166 27.5 24.0 36.0



#60
Diethylphthalate
Concen: 3.500 ng
RT: 15.504 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:149 Resp: 28231
Ion Ratio Lower Upper
149 100
177 18.8 19.0 28.6#
150 9.2 10.2 15.4#

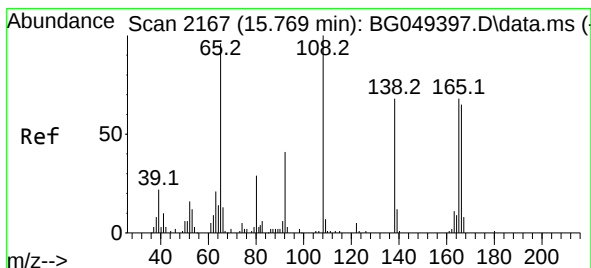
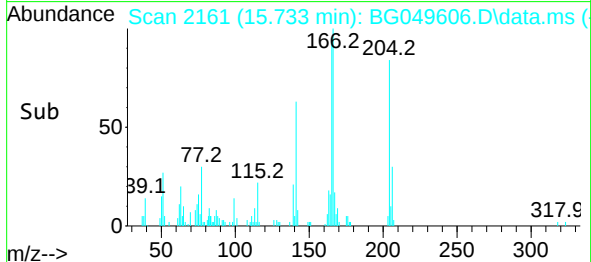
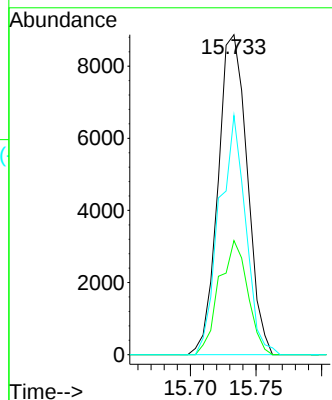
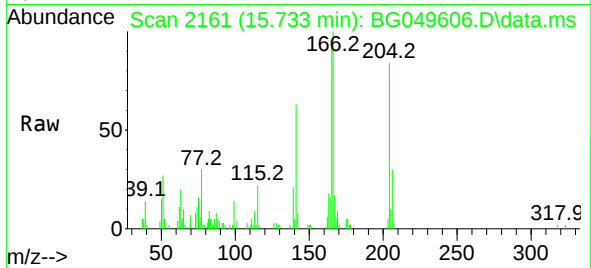




#61
4-Chlorophenyl-phenylether
Concen: 3.394 ng
RT: 15.733 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

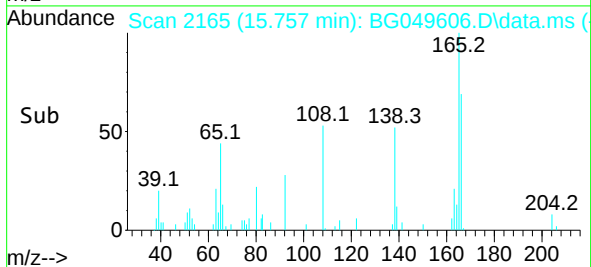
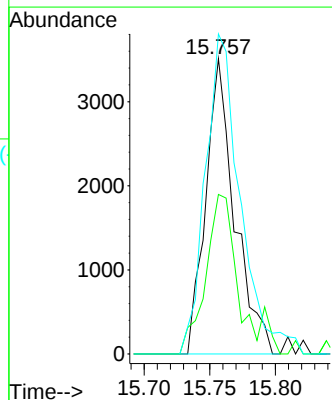
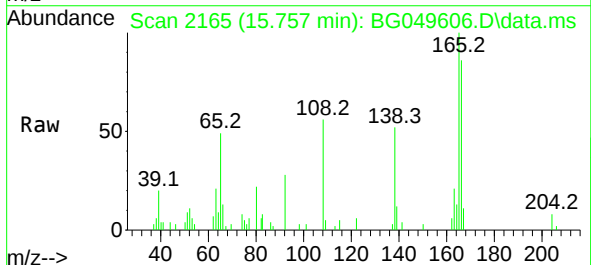
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

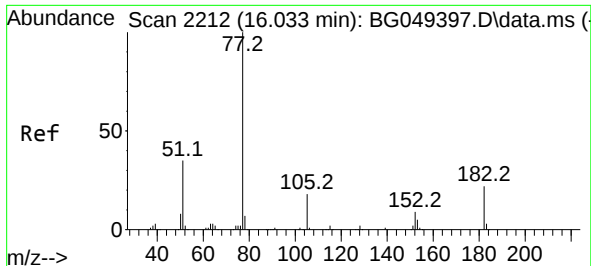
Tgt Ion:204 Resp: 13673
Ion Ratio Lower Upper
204 100
206 35.6 24.6 37.0
141 74.8 47.8 71.8#



#62
4-Nitroaniline
Concen: 2.929 ng
RT: 15.757 min Scan# 2165
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:138 Resp: 5390
Ion Ratio Lower Upper
138 100
92 54.0 32.3 72.3
108 108.4 132.4 172.4#

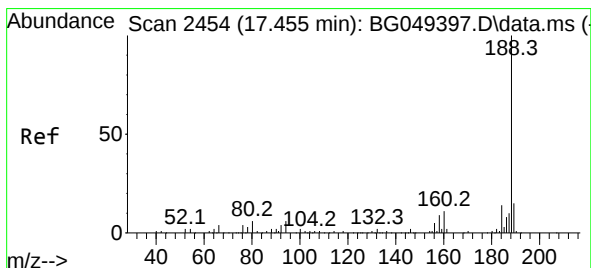
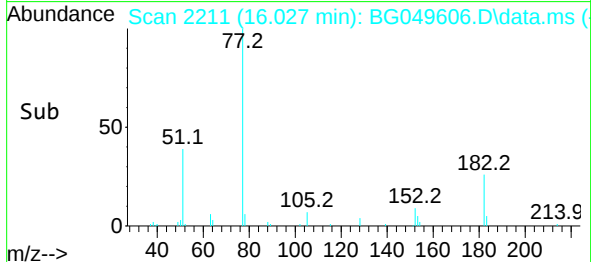
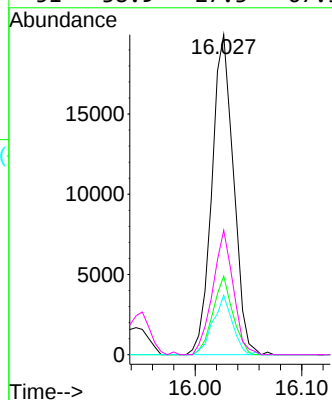
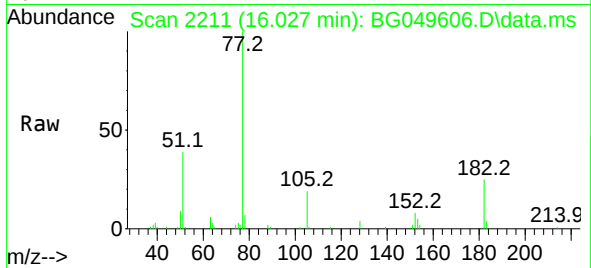




#63
Azobenzene
Concen: 3.149 ng
RT: 16.027 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

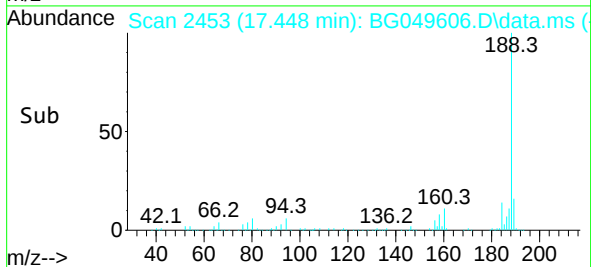
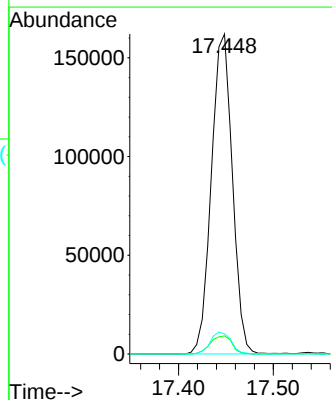
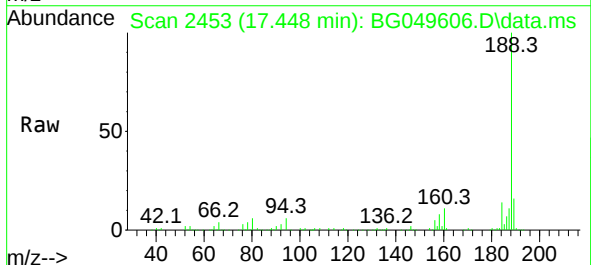
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

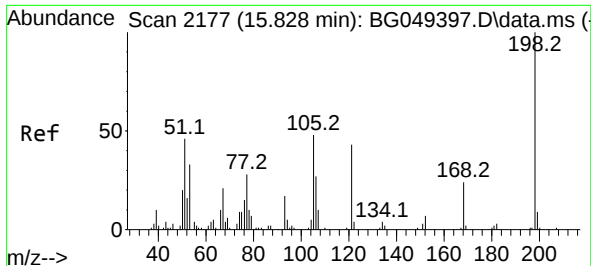
Tgt Ion: 77	Resp: 28129
Ion Ratio	Lower Upper
77 100	
182 24.5	7.9 47.9
105 18.6	0.0 37.9
51 38.9	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion: 188	Resp: 249528
Ion Ratio	Lower Upper
188 100	
94 5.7	5.4 8.0
80 6.3	3.7 5.5

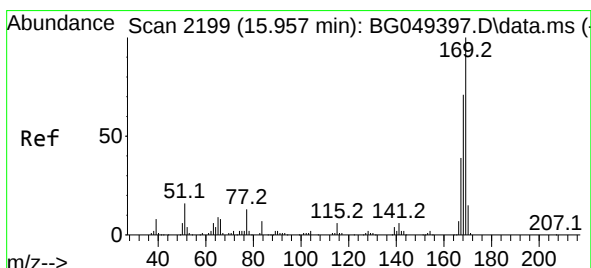
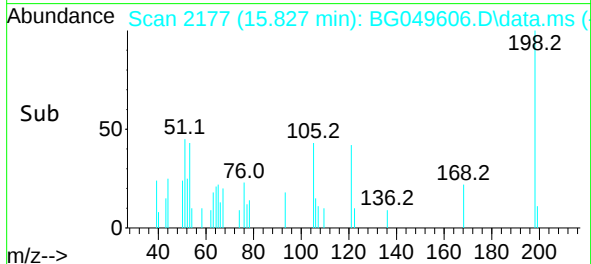
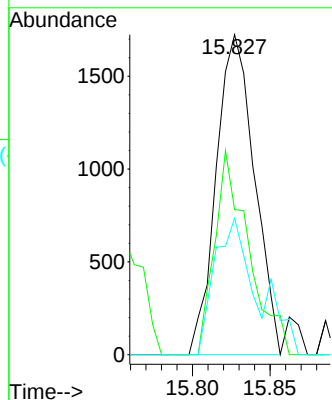
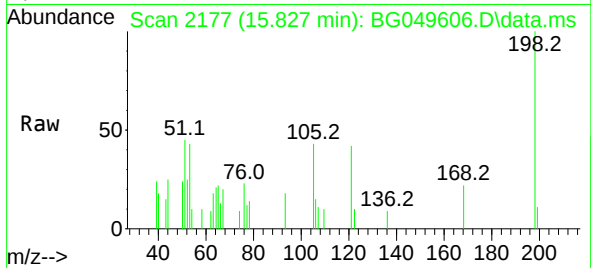




#65
4,6-Dinitro-2-methylphenol
Concen: 2.185 ng
RT: 15.827 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

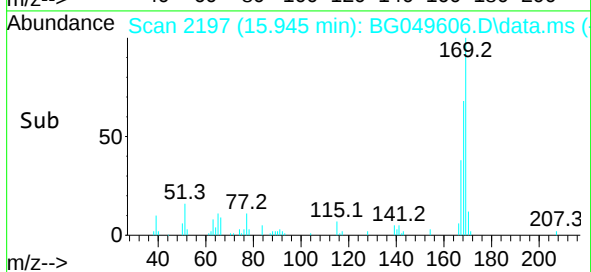
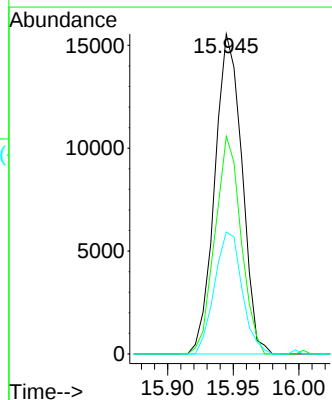
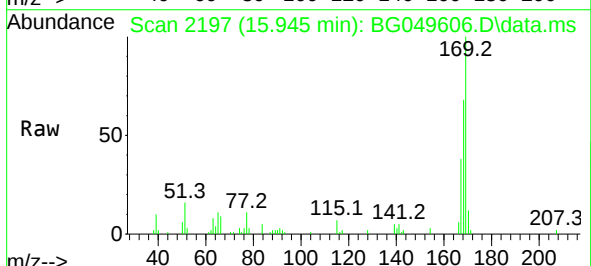
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

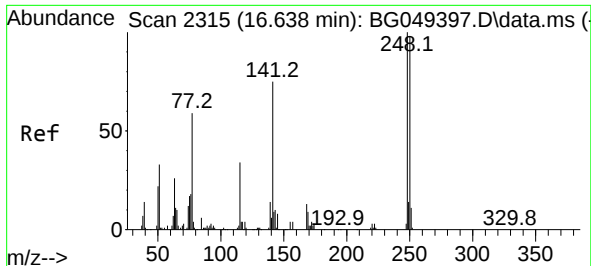
Tgt Ion:198	Resp:	2953
Ion Ratio	Lower	Upper
198	100	
51	45.4	29.4 69.4
105	42.6	15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 3.117 ng
RT: 15.945 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:169	Resp:	22338
Ion Ratio	Lower	Upper
169	100	
168	68.1	56.3 84.5
167	38.1	28.4 42.6

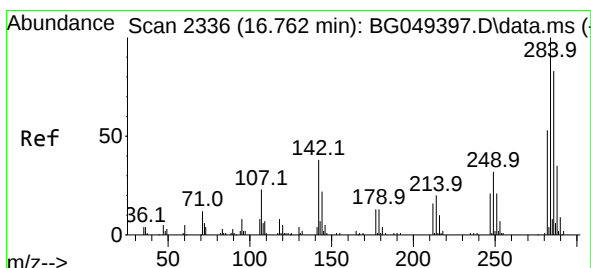
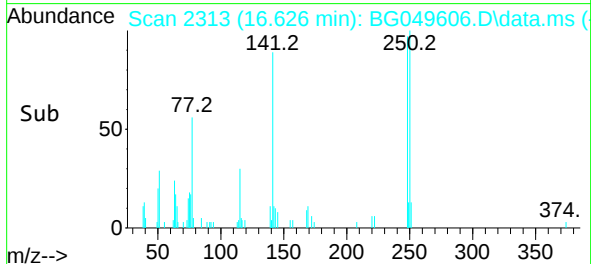
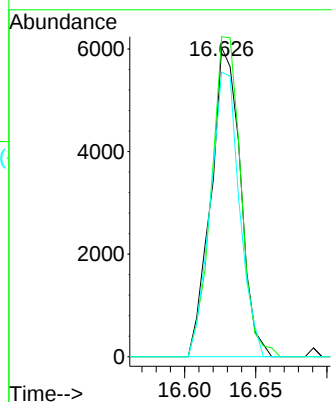
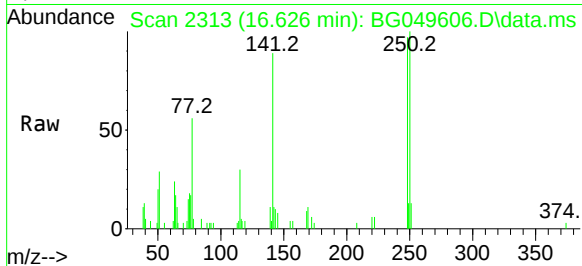




#67
4-Bromophenyl-phenylether
Concen: 3.073 ng
RT: 16.626 min Scan# 2313
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

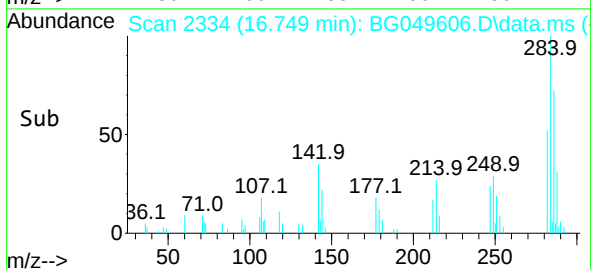
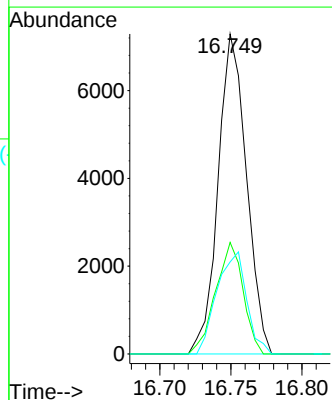
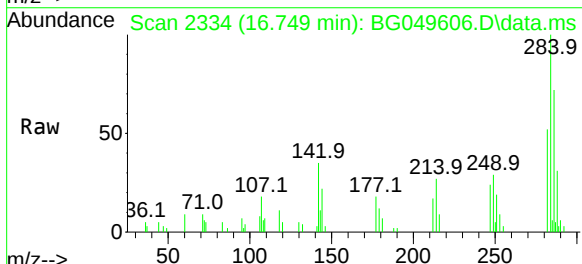
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

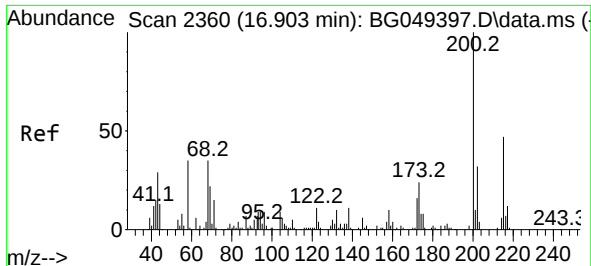
Tgt Ion:248	Resp:	8686
Ion Ratio	Lower	Upper
248	100	
250	103.5	76.1 114.1
141	92.1	65.4 98.2



#68
Hexachlorobenzene
Concen: 3.158 ng
RT: 16.749 min Scan# 2334
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:284	Resp:	10107
Ion Ratio	Lower	Upper
284	100	
142	34.8	27.0 40.6
249	28.7	28.2 42.2

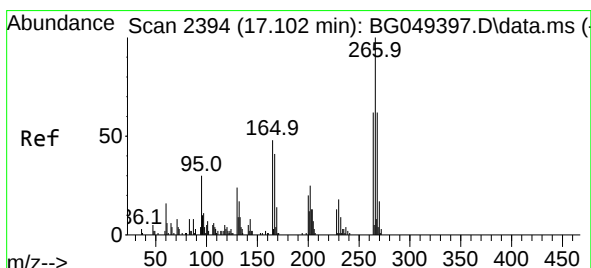
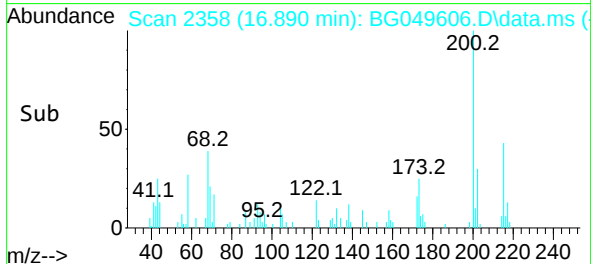
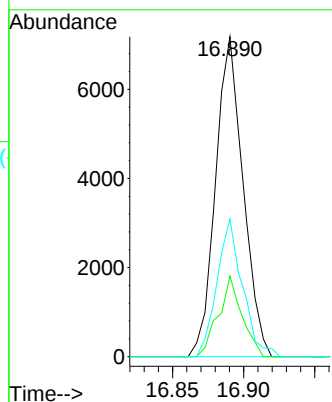
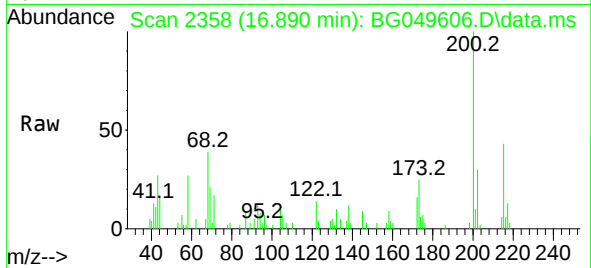




#69
Atrazine
Concen: 3.401 ng
RT: 16.890 min Scan# 2358
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

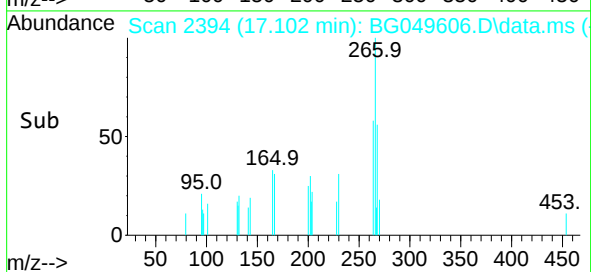
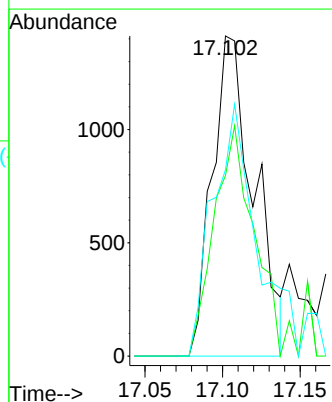
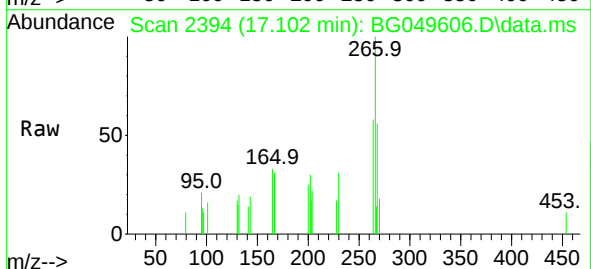
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

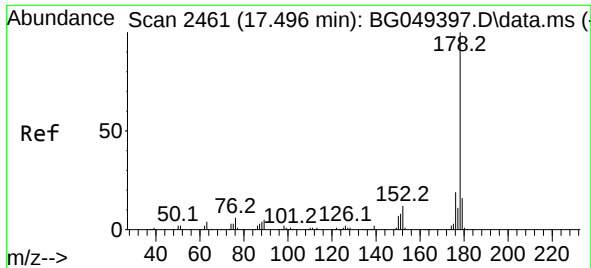
Tgt Ion:200 Resp: 9660
Ion Ratio Lower Upper
200 100
173 25.2 3.7 43.7
215 43.1 26.9 66.9



#70
Pentachlorophenol
Concen: 1.831 ng
RT: 17.102 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:266 Resp: 2633
Ion Ratio Lower Upper
266 100
268 56.4 49.0 73.4
264 58.2 49.0 73.6

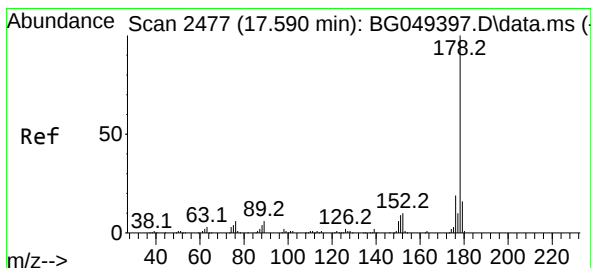
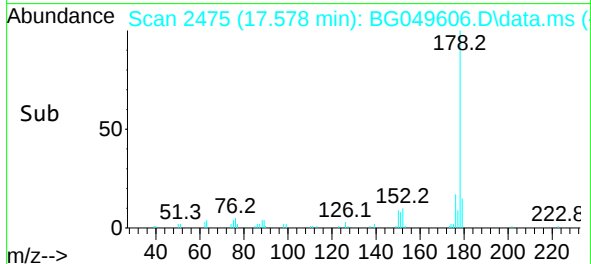
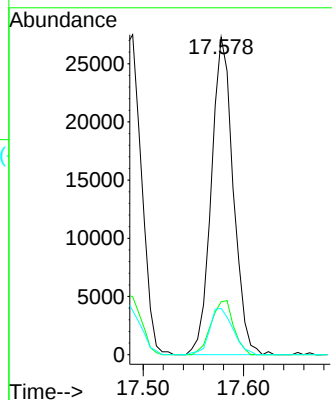
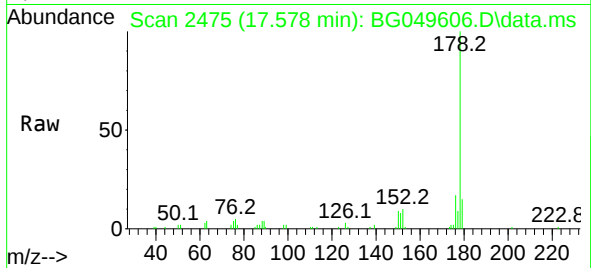




#71
Phenanthrene
Concen: 3.084 ng
RT: 17.578 min Scan# 2475
Delta R.T. 0.082 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

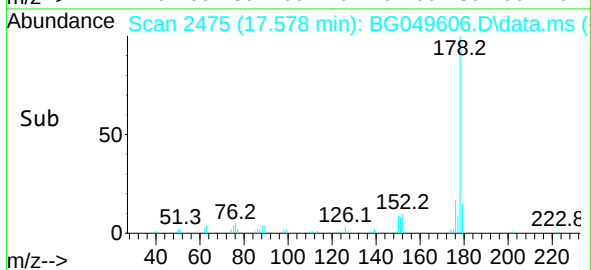
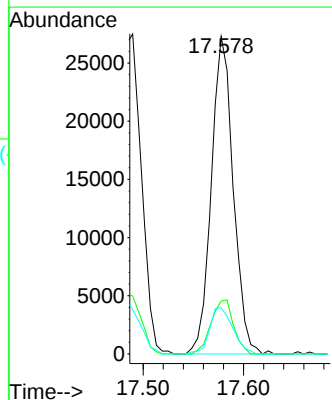
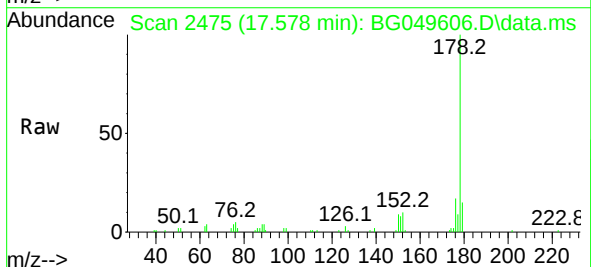
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

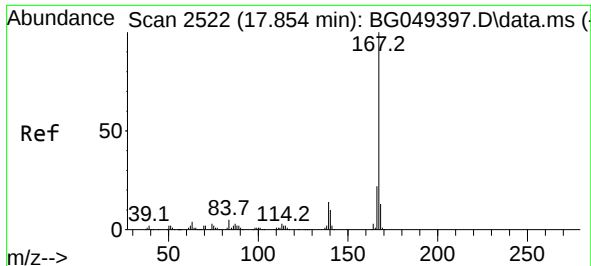
Tgt Ion:178 Resp: 41374
Ion Ratio Lower Upper
178 100
176 16.7 16.0 24.0
179 14.6 14.2 21.4



#72
Anthracene
Concen: 3.138 ng
RT: 17.578 min Scan# 2475
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:178 Resp: 41374
Ion Ratio Lower Upper
178 100
176 16.7 14.6 21.8
179 14.6 13.4 20.0

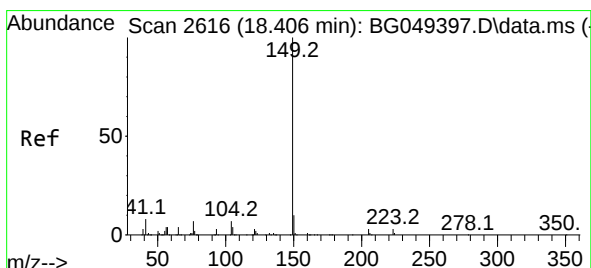
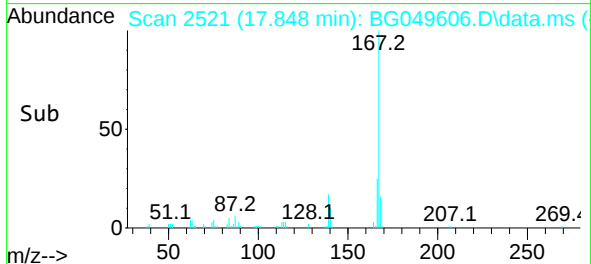
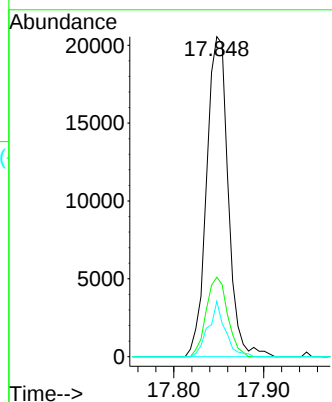
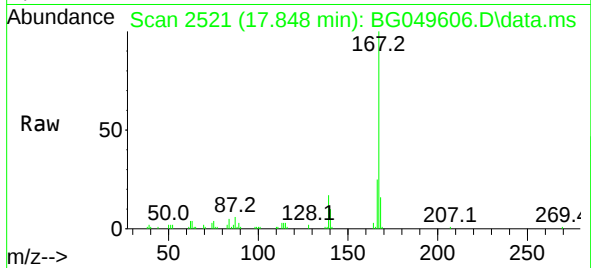




#73
 Carbazole
 Concen: 2.734 ng
 RT: 17.848 min Scan# 2521
 Delta R.T. -0.006 min
 Lab File: BG049606.D
 Acq: 2 Aug 2021 16:28

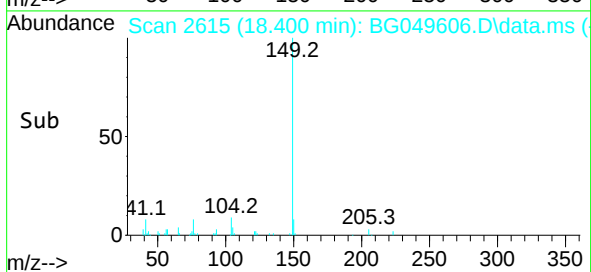
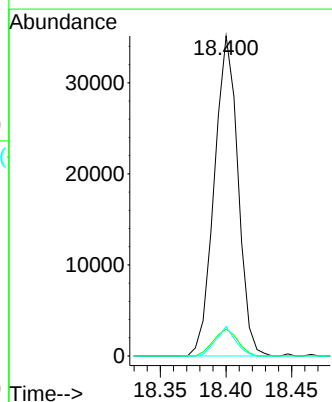
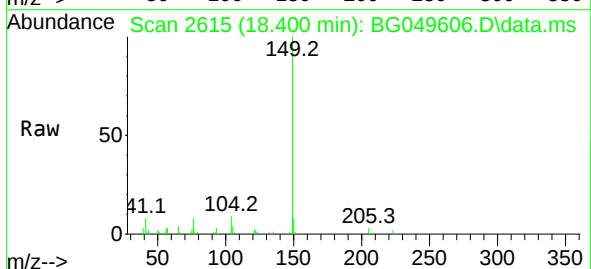
Instrument :
 BNA_G
 ClientSampleId :
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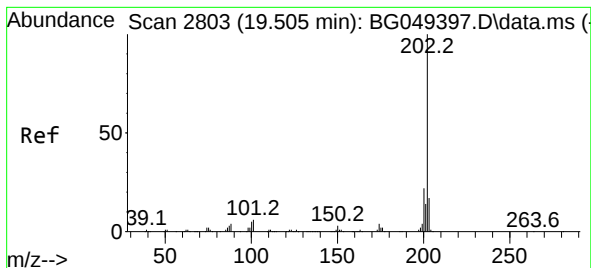
Tgt Ion:167 Resp: 34288
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.4 26.2
 139 17.3 10.7 16.1#



#74
 Di-n-butylphthalate
 Concen: 3.078 ng
 RT: 18.400 min Scan# 2615
 Delta R.T. -0.006 min
 Lab File: BG049606.D
 Acq: 2 Aug 2021 16:28

Tgt Ion:149 Resp: 44011
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.5 11.3
 104 9.2 6.6 10.0

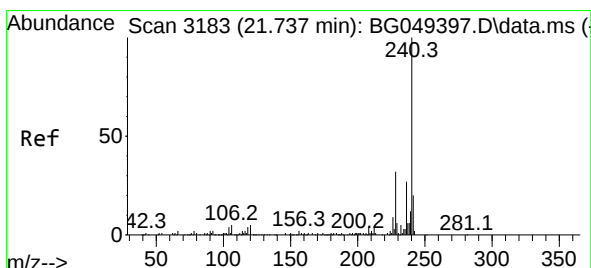
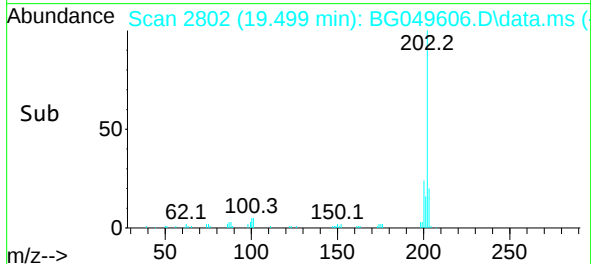
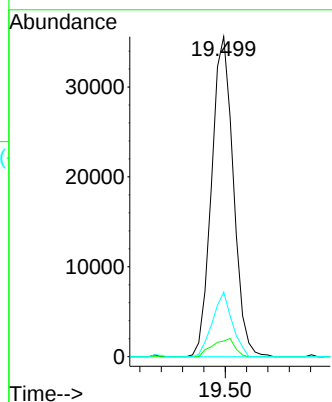
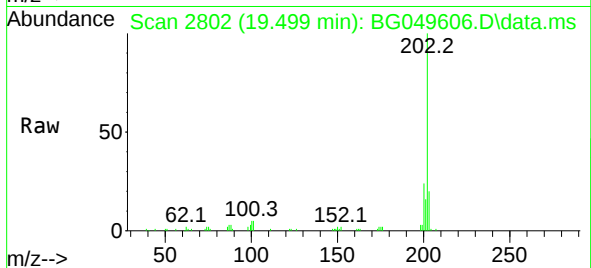




#75
Fluoranthene
Concen: 3.012 ng
RT: 19.499 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

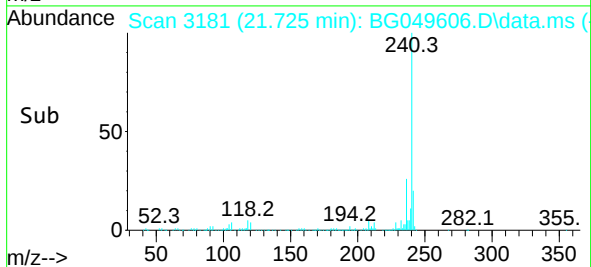
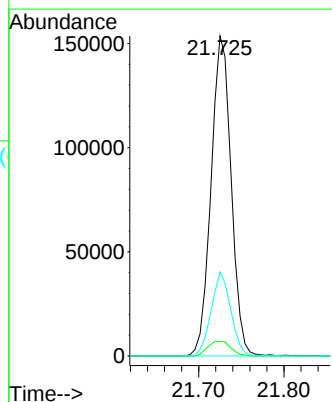
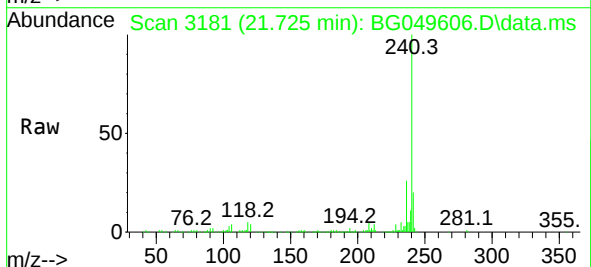
Instrument :
BNA_G
ClientSampleId :
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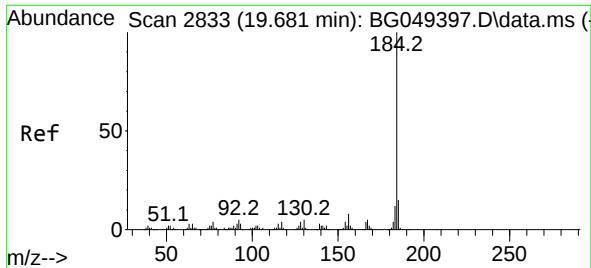
Tgt Ion:202 Resp: 50302
Ion Ratio Lower Upper
202 100
101 4.9 0.0 24.7
203 20.2 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3181
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:240 Resp: 250687
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.3 21.8 32.6

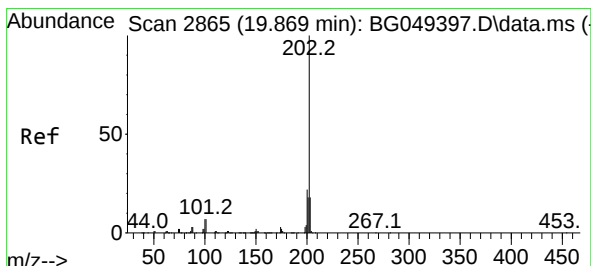
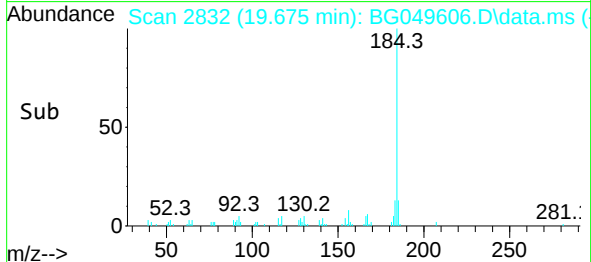
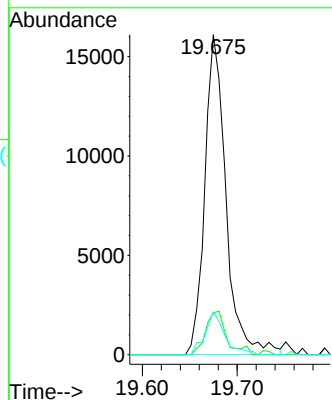
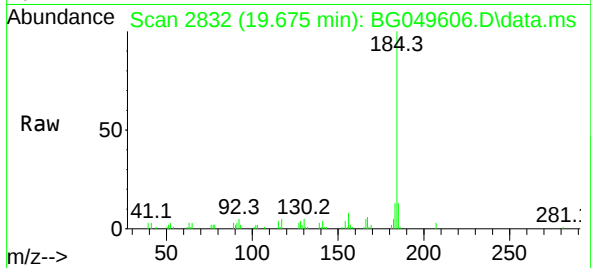




#77
Benzidine
Concen: 3.600 ng
RT: 19.675 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

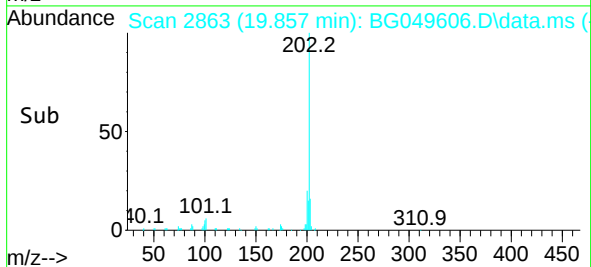
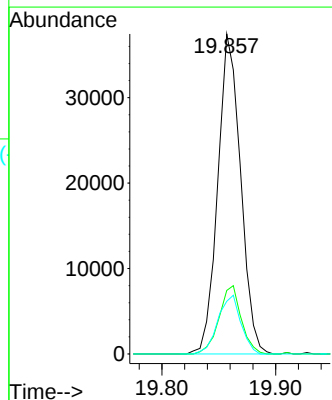
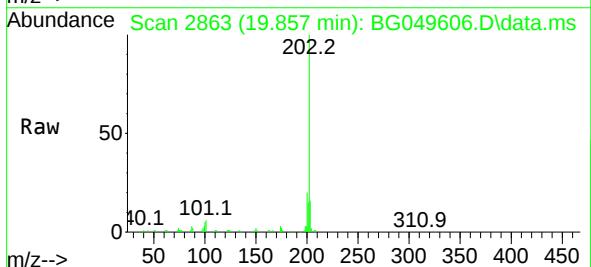
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

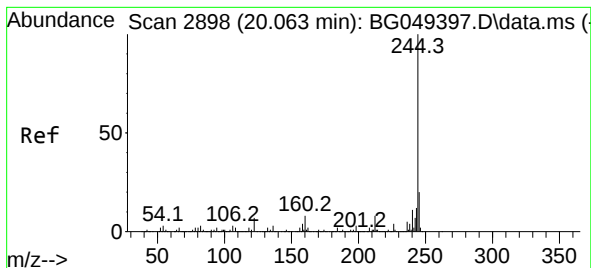
Tgt Ion:184 Resp: 24981
Ion Ratio Lower Upper
184 100
185 13.0 10.7 16.1
183 13.3 9.4 14.0



#78
Pyrene
Concen: 3.174 ng
RT: 19.857 min Scan# 2863
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:202 Resp: 52227
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 16.4 14.6 21.8





#79

Terphenyl-d14

Concen: 55.307 ng

RT: 20.057 min Scan# 2897

Delta R.T. -0.006 min

Lab File: BG049606.D

Acq: 2 Aug 2021 16:28

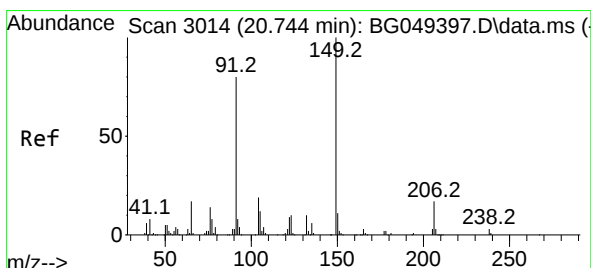
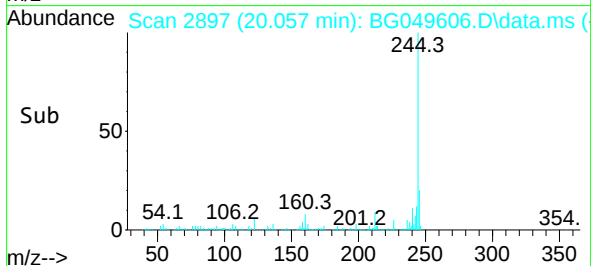
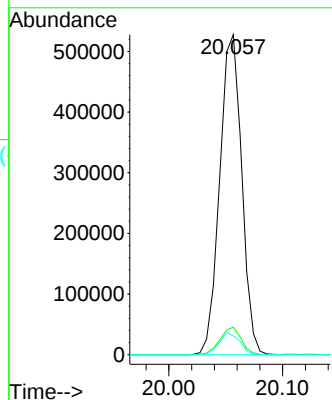
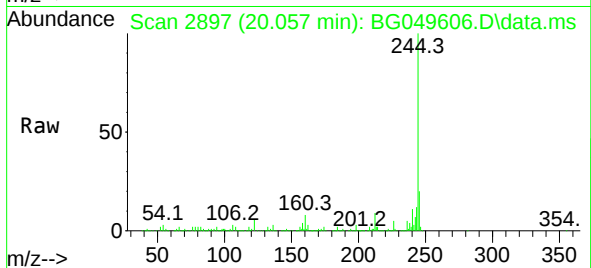
Tgt Ion:244 Resp: 709937

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

122 5.9 5.0 7.6



#80

Butylbenzylphthalate

Concen: 2.964 ng

RT: 20.738 min Scan# 3013

Delta R.T. -0.006 min

Lab File: BG049606.D

Acq: 2 Aug 2021 16:28

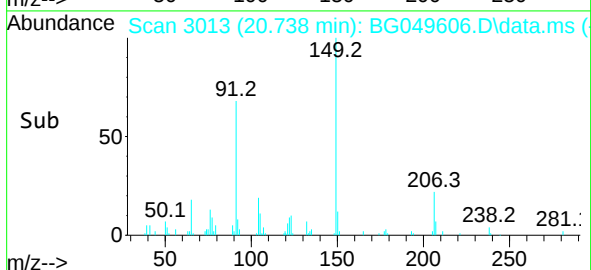
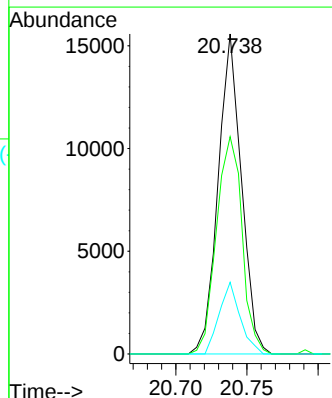
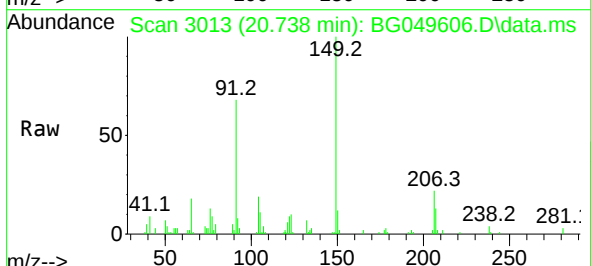
Tgt Ion:149 Resp: 17729

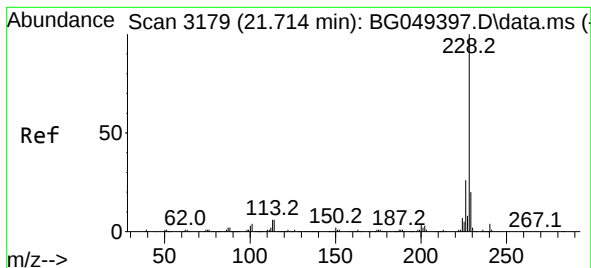
Ion Ratio Lower Upper

149 100

91 67.9 63.4 95.2

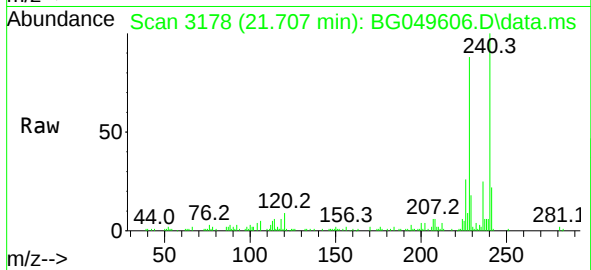
206 22.4 18.4 27.6



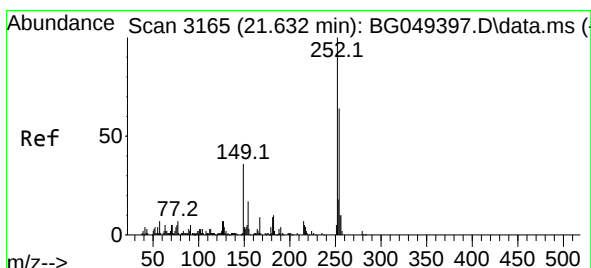
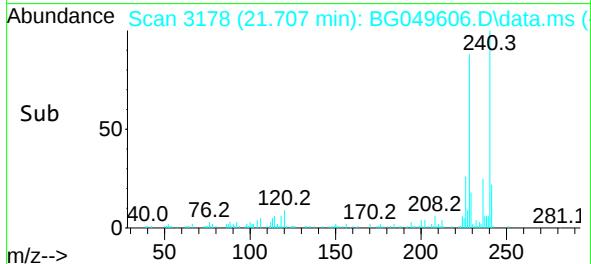
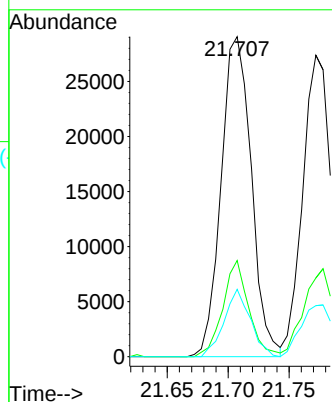


#81
Benzo(a)anthracene
Concen: 3.157 ng
RT: 21.707 min Scan# 3178
Delta R.T. -0.006 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

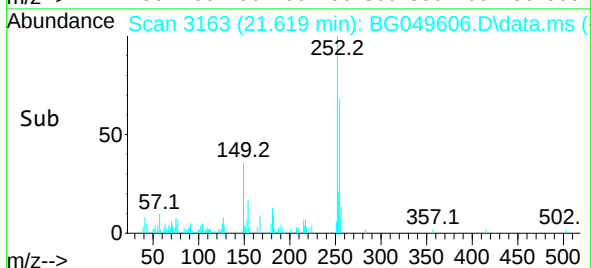
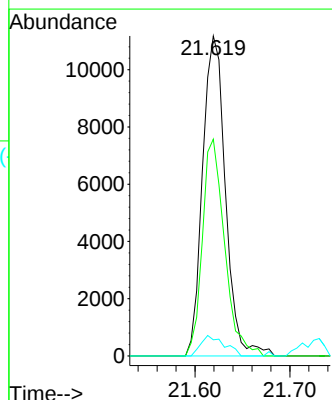
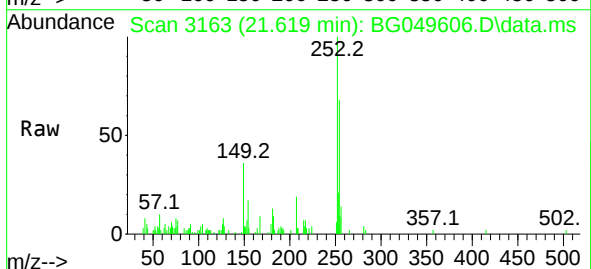


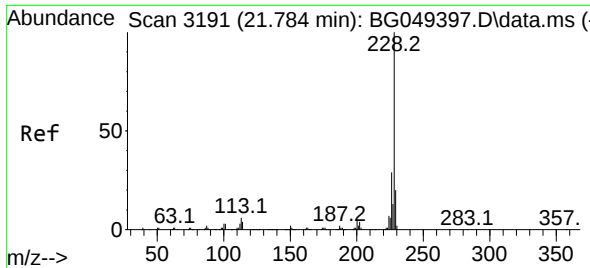
Tgt Ion:228 Resp: 50124
Ion Ratio Lower Upper
228 100
226 30.1 22.7 34.1
229 21.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 4.086 ng
RT: 21.619 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:252 Resp: 18720
Ion Ratio Lower Upper
252 100
254 67.7 52.4 78.6
126 5.0 5.9 8.9#

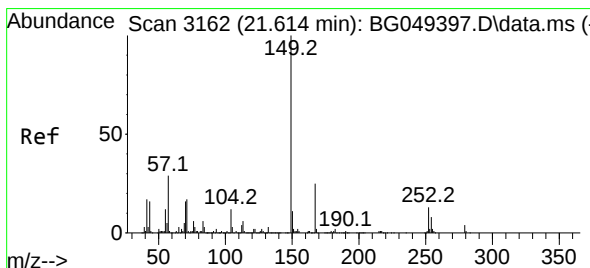
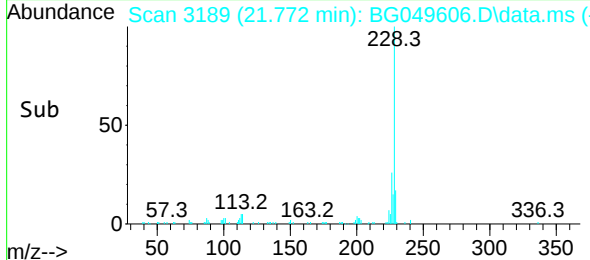
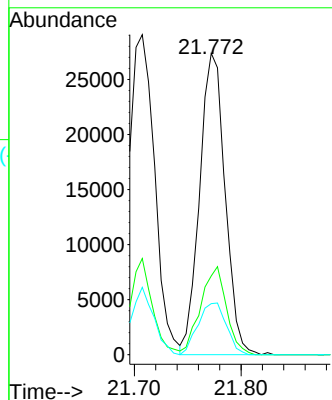
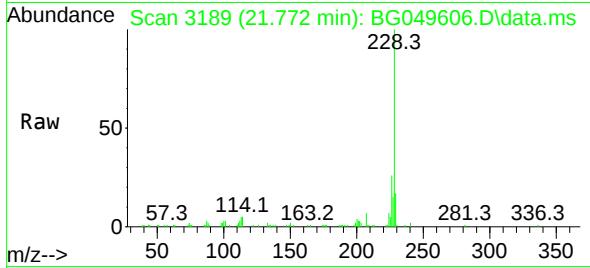




#83
Chrysene
Concen: 2.969 ng
RT: 21.772 min Scan# 3189
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

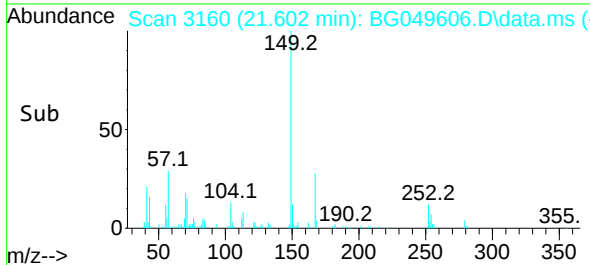
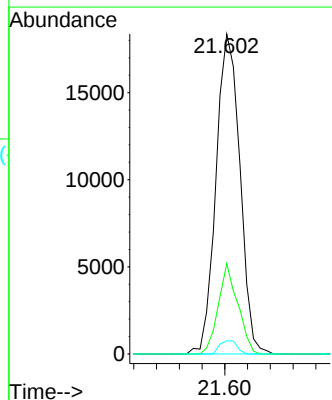
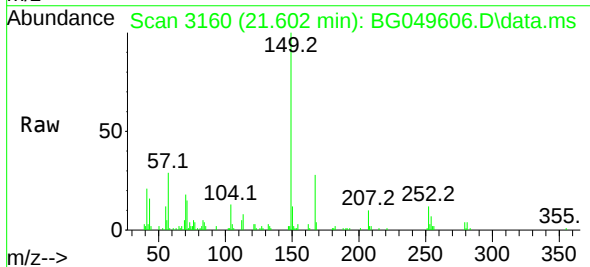
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

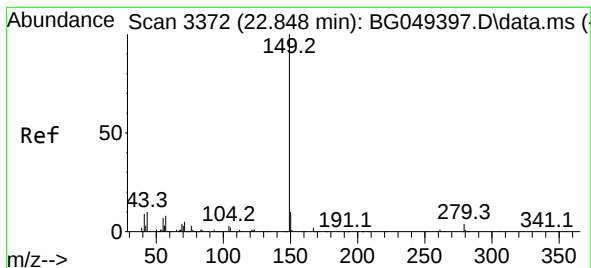
Tgt Ion:228	Resp:	45467
Ion Ratio	Lower	Upper
228	100	
226	26.1	23.1 34.7
229	16.9	15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.984 ng
RT: 21.602 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:149	Resp:	26767
Ion Ratio	Lower	Upper
149	100	
167	28.2	22.3 33.5
279	4.1	3.8 5.8

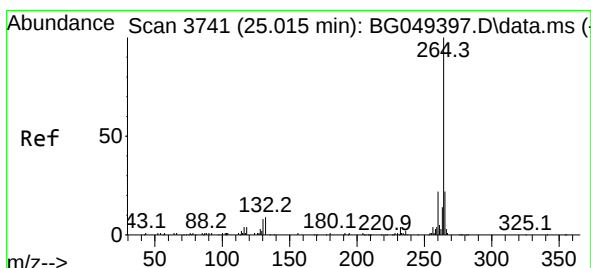
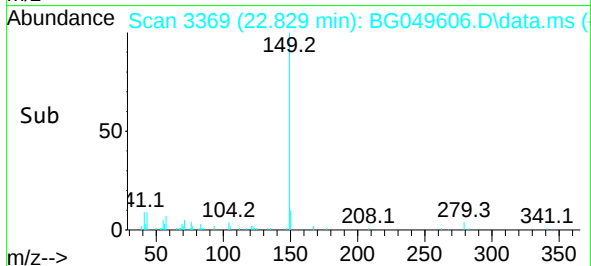
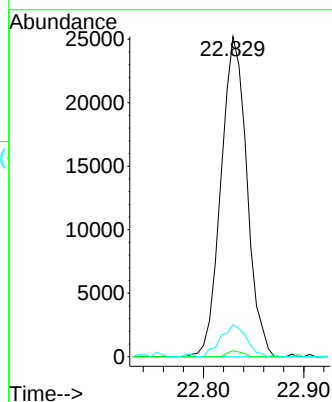
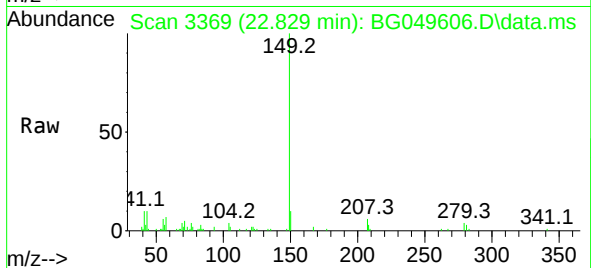




#85
Di-n-octyl phthalate
Concen: 2.908 ng
RT: 22.829 min Scan# 3369
Delta R.T. -0.018 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

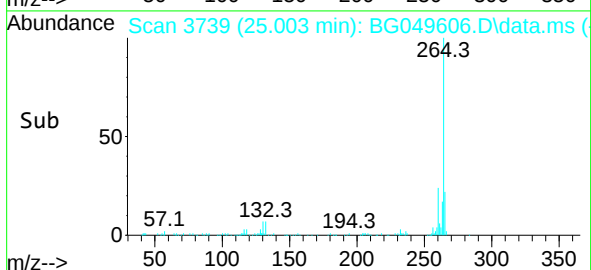
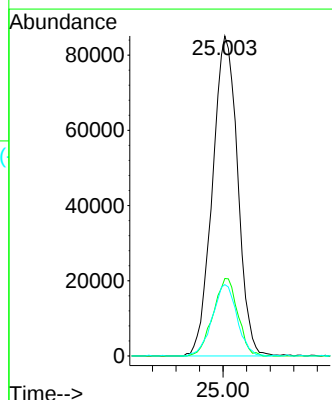
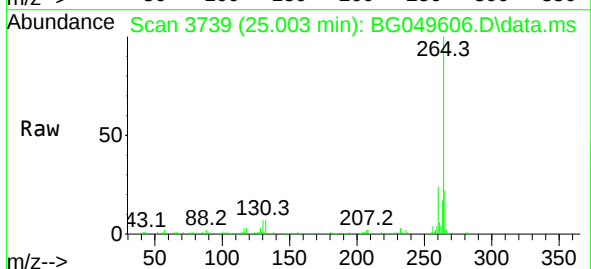
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

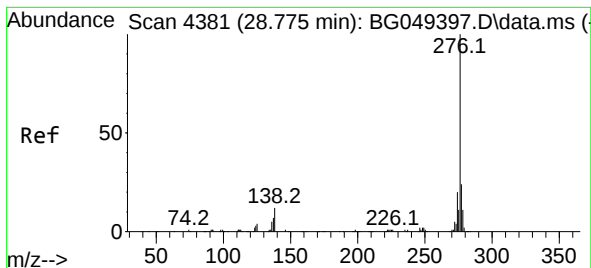
Tgt Ion:149 Resp: 45062
Ion Ratio Lower Upper
149 100
167 1.1 1.4 2.2#
43 10.1 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3739
Delta R.T. -0.012 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:264 Resp: 252486
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.3 16.9 25.3

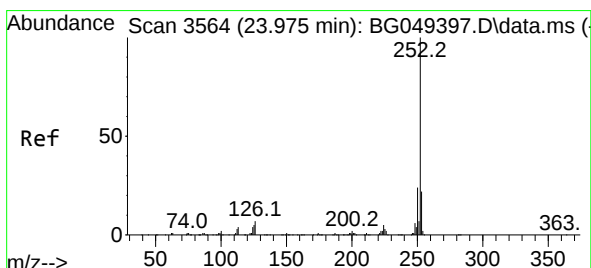
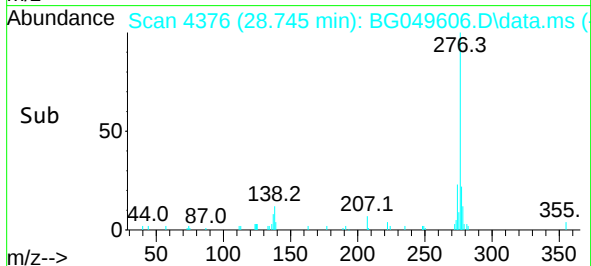
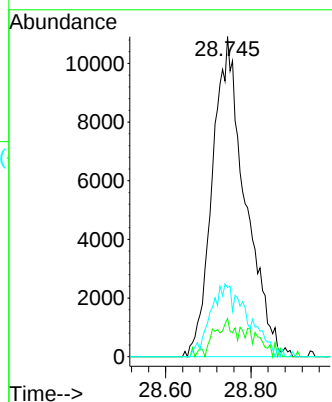
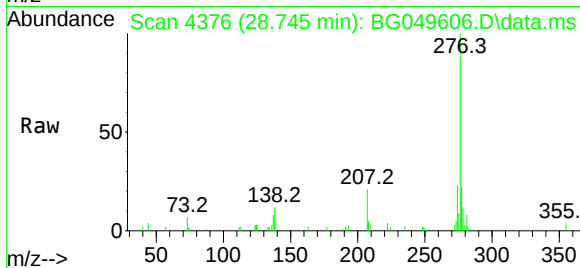




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.243 ng
 RT: 28.745 min Scan# 4376
 Delta R.T. -0.030 min
 Lab File: BG049606.D
 Acq: 2 Aug 2021 16:28

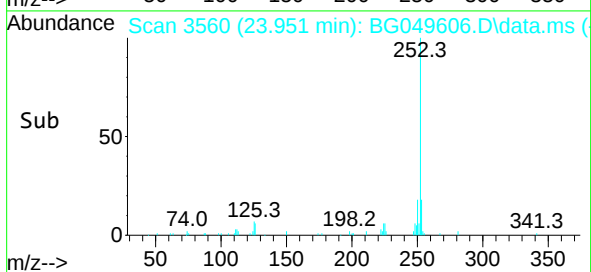
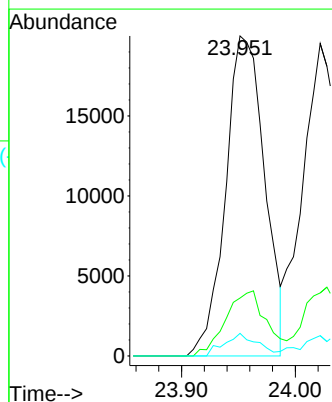
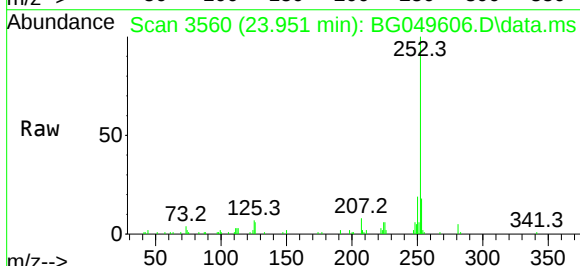
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

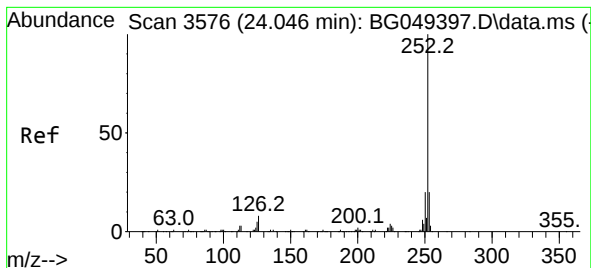
Tgt Ion:276 Resp: 57962
 Ion Ratio Lower Upper
 276 100
 138 2.0 5.1 7.7#
 277 14.7 19.8 29.6#



#88
 Benzo(b)fluoranthene
 Concen: 2.936 ng
 RT: 23.951 min Scan# 3560
 Delta R.T. -0.024 min
 Lab File: BG049606.D
 Acq: 2 Aug 2021 16:28

Tgt Ion:252 Resp: 47760
 Ion Ratio Lower Upper
 252 100
 253 18.1 16.2 24.4
 125 7.1 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 3.099 ng

RT: 24.022 min Scan# 3572

Delta R.T. -0.024 min

Lab File: BG049606.D

Acq: 2 Aug 2021 16:28

Tgt Ion:252 Resp: 46893

Ion Ratio Lower Upper

252 100

253 20.2 18.0 27.0

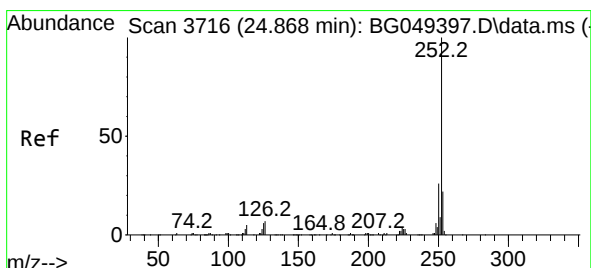
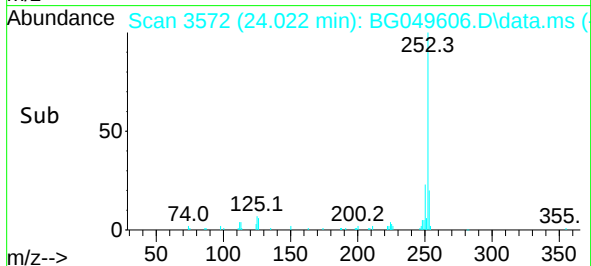
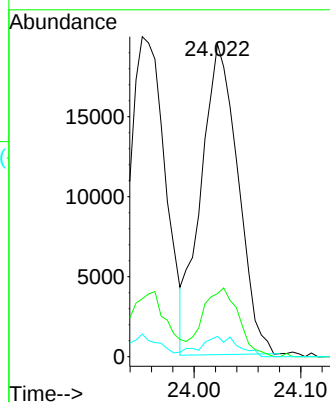
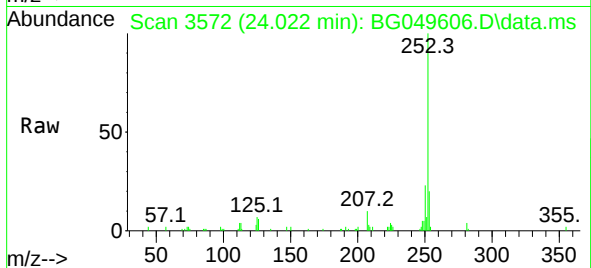
125 6.5 3.1 4.7#

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#90

Benzo(a)pyrene

Concen: 3.220 ng

RT: 24.844 min Scan# 3712

Delta R.T. -0.024 min

Lab File: BG049606.D

Acq: 2 Aug 2021 16:28

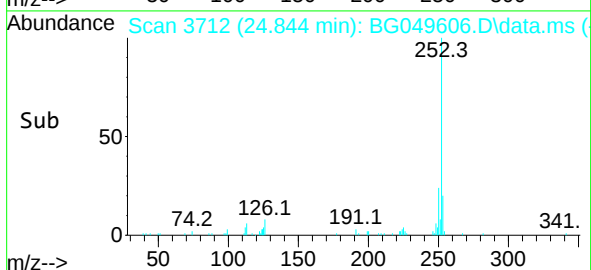
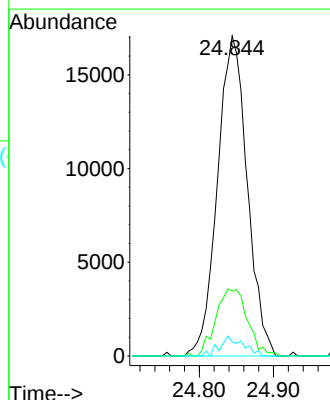
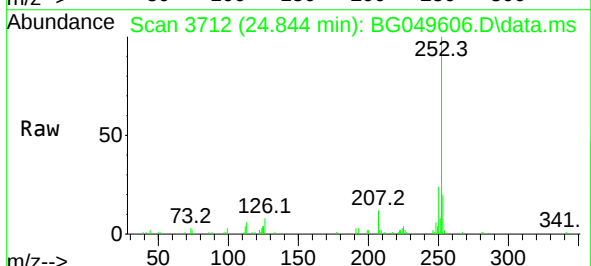
Tgt Ion:252 Resp: 47484

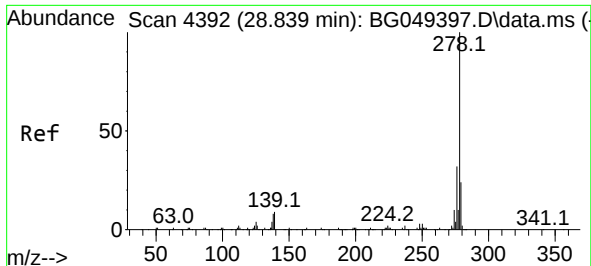
Ion Ratio Lower Upper

252 100

253 20.3 16.6 25.0

125 4.4 3.5 5.3

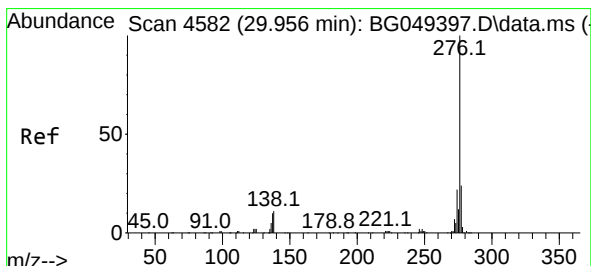
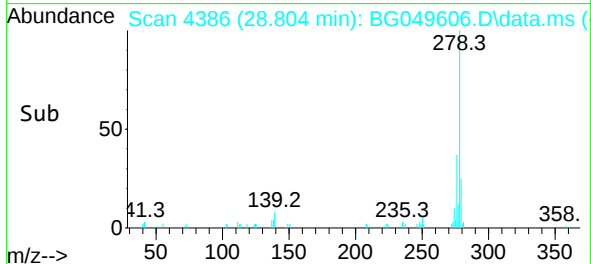
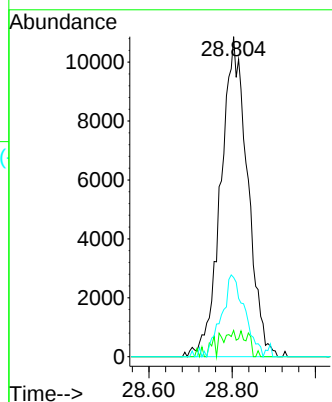
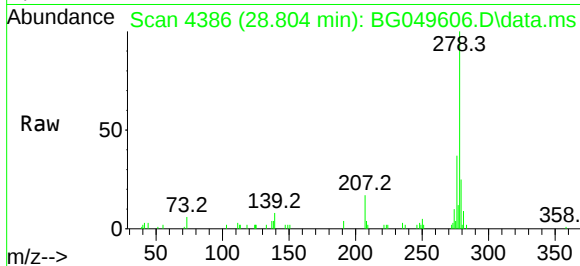




#91
Dibenzo(a,h)anthracene
Concen: 3.218 ng
RT: 28.804 min Scan# 4386
Delta R.T. -0.036 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Tgt Ion:278 Resp: 48304
Ion Ratio Lower Upper
278 100
139 8.2 4.6 6.8#
279 24.7 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 3.241 ng
RT: 29.908 min Scan# 4574
Delta R.T. -0.048 min
Lab File: BG049606.D
Acq: 2 Aug 2021 16:28

Tgt Ion:276 Resp: 48139
Ion Ratio Lower Upper
276 100
277 20.2 18.4 27.6
138 9.4 7.0 10.6

