

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
 Data File : BG049607.D
 Acq On : 2 Aug 2021 18:50
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 03 01:22:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 01:17:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	28553	20.00	ng	0.00
21) Naphthalene-d8	10.872	136	114497	20.00	ng	0.00
39) Acenaphthene-d10	14.696	164	82637	20.00	ng	0.00
64) Phenanthrene-d10	17.445	188	181340	20.00	ng	# 0.00
76) Chrysene-d12	21.728	240	177993	20.00	ng	0.00
86) Perylene-d12	25.006	264	188316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.591	112	167514	99.54	ng	-0.02
7) Phenol-d6	7.200	99	245796	100.28	ng	0.00
23) Nitrobenzene-d5	9.215	82	177989	69.65	ng	0.00
42) 2,4,6-Tribromophenol	16.188	330	130001	117.47	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	391500	68.17	ng	0.00
79) Terphenyl-d14	20.053	244	674714	74.03	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	5760	7.55	ng	97
3) Pyridine	3.875	79	19746	10.16	ng	# 81
4) n-Nitrosodimethylamine	3.793	42	7628	7.99	ng	# 77
6) Aniline	7.371	93	24496	9.24	ng	98
8) 2-Chlorophenol	7.606	128	14328	8.30	ng	97
9) Benzaldehyde	7.183	77	15184	9.33	ng	81
10) Phenol	7.230	94	18911	8.10	ng	92
11) bis(2-Chloroethyl)ether	7.459	93	13878	8.68	ng	94
12) 1,3-Dichlorobenzene	8.081	146	16746	8.21	ng	95
13) 1,4-Dichlorobenzene	8.081	146	16746	8.24	ng	96
14) 1,2-Dichlorobenzene	8.410	146	15750	8.02	ng	92
15) Benzyl Alcohol	8.287	79	16706	8.34	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.569	45	15159	8.11	ng	90
17) 2-Methylphenol	8.487	107	12339	7.94	ng	94
18) Hexachloroethane	9.145	117	6601	8.36	ng	93
19) n-Nitroso-di-n-propyla...	8.851	70	14149	8.79	ng	97
20) 3+4-Methylphenols	8.816	107	18819	8.83	ng	90
22) Acetophenone	8.874	105	27044	8.82	ng	# 96
24) Nitrobenzene	9.256	77	22673	8.45	ng	# 86
25) Isophorone	9.779	82	38317	8.46	ng	# 96
26) 2-Nitrophenol	9.973	139	8283	8.50	ng	# 83
27) 2,4-Dimethylphenol	10.038	122	13674	8.78	ng	97
28) bis(2-Chloroethoxy)met...	10.267	93	17920	8.87	ng	# 89
29) 2,4-Dichlorophenol	10.519	162	14681	8.13	ng	99
30) 1,2,4-Trichlorobenzene	10.731	180	17511	8.58	ng	89
31) Naphthalene	10.919	128	49205	8.15	ng	96
32) Benzoic acid	10.137	122	6090	5.95	ng	95
33) 4-Chloroaniline	11.025	127	21030	9.13	ng	# 92
34) Hexachlorobutadiene	11.201	225	12071	8.26	ng	93
35) Caprolactam	11.782	113	4969	8.86	ng	87
36) 4-Chloro-3-methylphenol	12.147	107	17917	8.41	ng	# 93
37) 2-Methylnaphthalene	12.523	142	39489	8.96	ng	93
38) 1-Methylnaphthalene	12.746	142	36078	8.56	ng	98
40) 1,2,4,5-Tetrachloroben...	12.893	216	22009	9.01	ng	96
41) Hexachlorocyclopentadiene	12.869	237	9447	8.66	ng	84
43) 2,4,6-Trichlorophenol	13.210	196	14198	8.91	ng	97

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 ALS Vial : 7 Sample Multiplier: 1

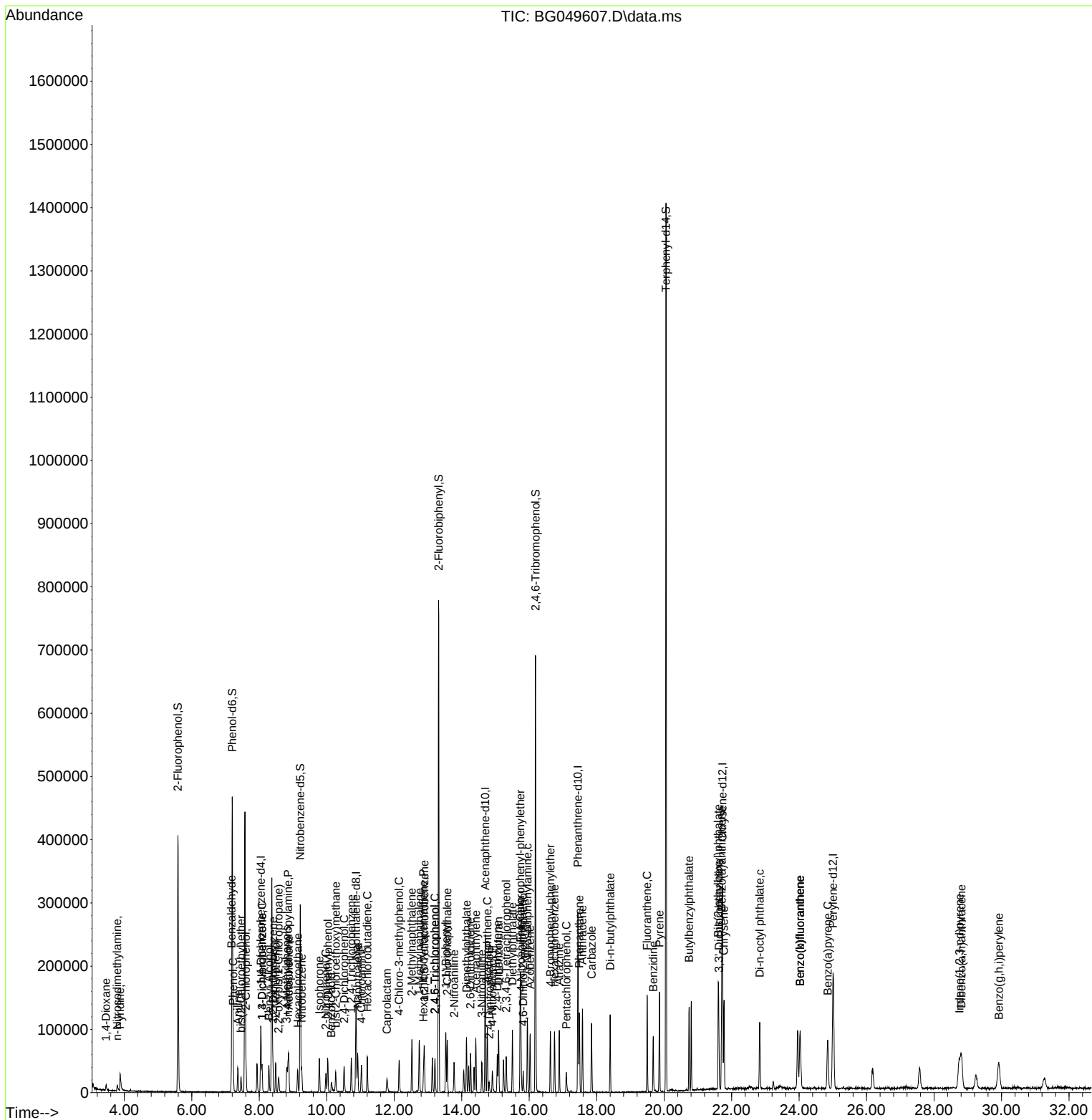
Instrument :
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 LOQ-SOIL-02-QT2-2021

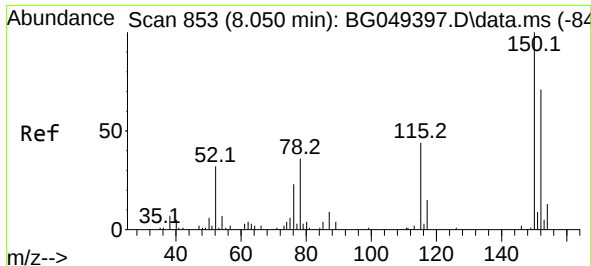
Quant Time: Aug 03 01:22:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.210	196	14198	8.23	ng	# 90
46) 1,1'-Biphenyl	13.527	154	52820	8.72	ng	99
47) 2-Chloronaphthalene	13.574	162	37682	8.10	ng	95
48) 2-Nitroaniline	13.774	65	13486	8.33	ng	93
49) Acenaphthylene	14.420	152	65728	8.71	ng	# 94
50) Dimethylphthalate	14.144	163	51598	8.59	ng	97
51) 2,6-Dinitrotoluene	14.261	165	11376	8.73	ng	96
52) Acenaphthene	14.761	154	37355	8.20	ng	94
53) 3-Nitroaniline	14.596	138	10923	8.36	ng	# 97
54) 2,4-Dinitrophenol	14.819	184	4200	7.66	ng	# 75
55) Dibenzofuran	15.095	168	59066	8.08	ng	93
56) 4-Nitrophenol	14.908	139	7233	7.02	ng	91
57) 2,4-Dinitrotoluene	15.060	165	15561	8.64	ng	96
58) Fluorene	15.748	166	49551	8.37	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.325	232	12529	7.95	ng	# 95
60) Diethylphthalate	15.507	149	54049	8.96	ng	99
61) 4-Chlorophenyl-phenyle...	15.736	204	26268	8.72	ng	91
62) 4-Nitroaniline	15.759	138	10982	7.98	ng	# 82
63) Azobenzene	16.030	77	54257	8.13	ng	90
65) 4,6-Dinitro-2-methylph...	15.824	198	7633	7.77	ng	87
66) n-Nitrosodiphenylamine	15.947	169	43333	8.32	ng	96
67) 4-Bromophenyl-phenylether	16.629	248	17500	8.52	ng	93
68) Hexachlorobenzene	16.752	284	19573	8.42	ng	# 92
69) Atrazine	16.893	200	18174	8.81	ng	91
70) Pentachlorophenol	17.105	266	8349	7.99	ng	90
71) Phenanthrene	17.486	178	79052	8.11	ng	97
72) Anthracene	17.580	178	80913	8.45	ng	98
73) Carbazole	17.851	167	71472	7.84	ng	96
74) Di-n-butylphthalate	18.403	149	84812	8.16	ng	98
75) Fluoranthene	19.495	202	97770	8.06	ng	97
77) Benzidine	19.678	184	50143	10.18	ng	96
78) Pyrene	19.860	202	98369	8.42	ng	98
80) Butylbenzylphthalate	20.741	149	35572	8.37	ng	93
81) Benzo(a)anthracene	21.710	228	95339	8.46	ng	95
82) 3,3'-Dichlorobenzidine	21.622	252	37199	11.44	ng	93
83) Chrysene	21.775	228	87888	8.08	ng	95
84) Bis(2-ethylhexyl)phtha...	21.604	149	53823	8.45	ng	94
85) Di-n-octyl phthalate	22.832	149	90899	8.26	ng	99
87) Indeno(1,2,3-cd)pyrene	28.753	276	108814	8.16	ng	97
88) Benzo(b)fluoranthene	24.030	252	93315	7.69	ng	96
89) Benzo(k)fluoranthene	24.030	252	93315	8.27	ng	99
90) Benzo(a)pyrene	24.847	252	92643	8.42	ng	# 96
91) Dibenzo(a,h)anthracene	28.806	278	93745	8.37	ng	# 98
92) Benzo(g,h,i)perylene	29.922	276	92215	8.32	ng	95

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

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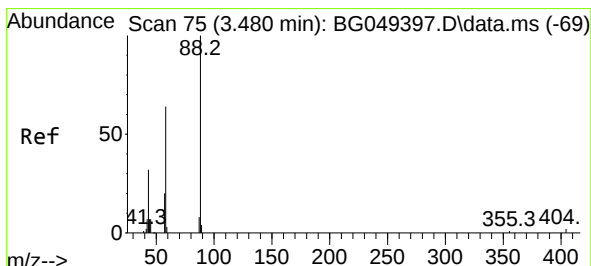
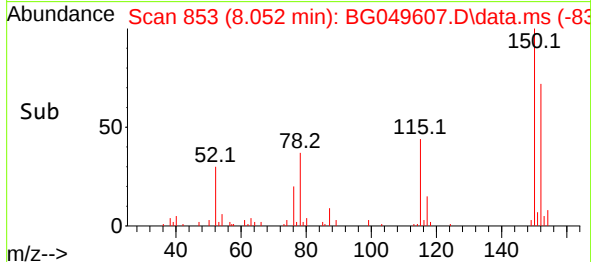
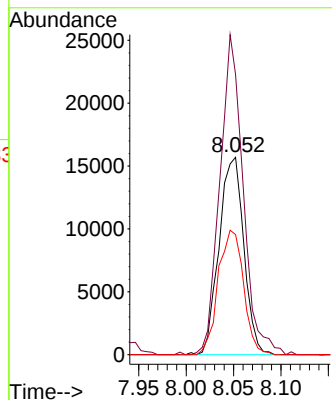
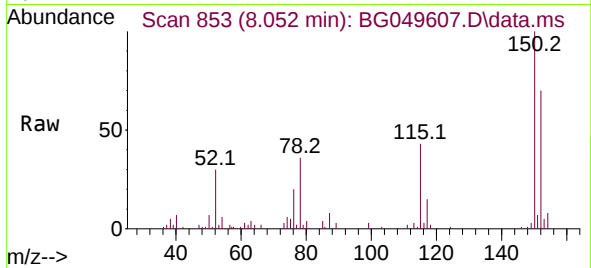




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.052 min Scan# 853
 Delta R.T. 0.002 min
 Lab File: BG049607.D
 Acq: 2 Aug 2021 18:50

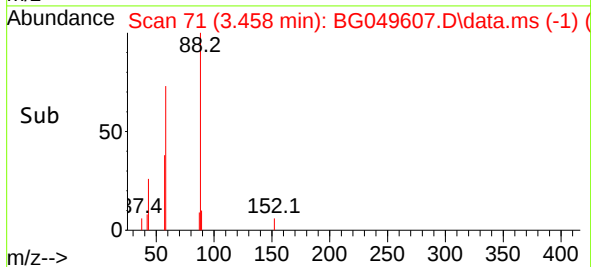
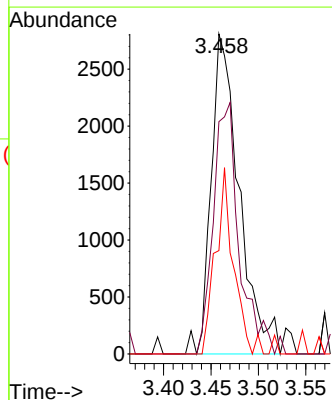
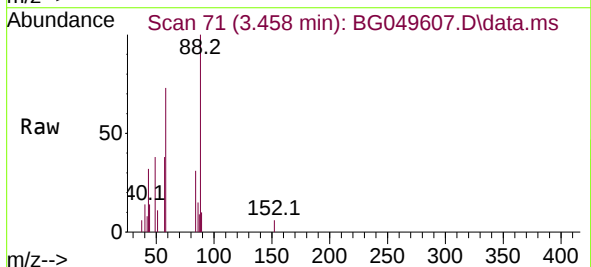
Instrument :
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 LOQ-SOIL-02-QT2-2021

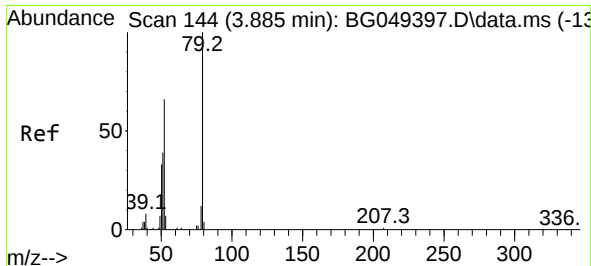
Tgt Ion:152 Resp: 28553
 Ion Ratio Lower Upper
 152 100
 150 141.9 119.4 179.0
 115 60.9 60.2 90.4



#2
 1,4-Dioxane
 Concen: 7.55 ng
 RT: 3.458 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BG049607.D
 Acq: 2 Aug 2021 18:50

Tgt Ion: 88 Resp: 5760
 Ion Ratio Lower Upper
 88 100
 58 73.2 55.7 83.5
 43 37.4 29.3 43.9

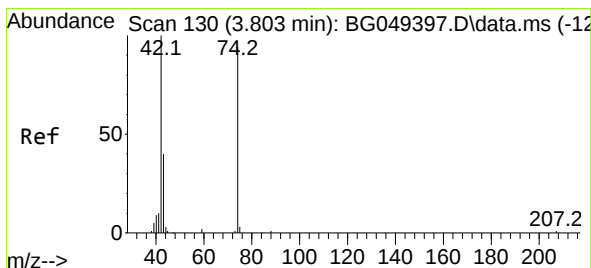
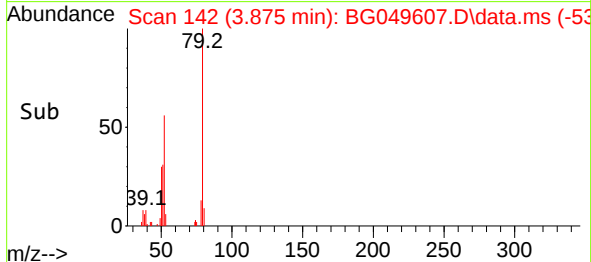
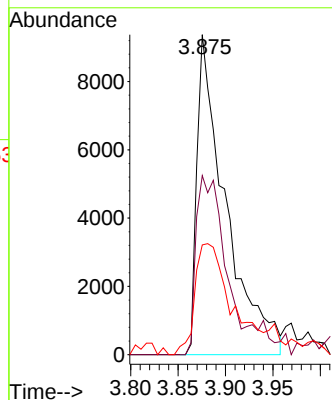
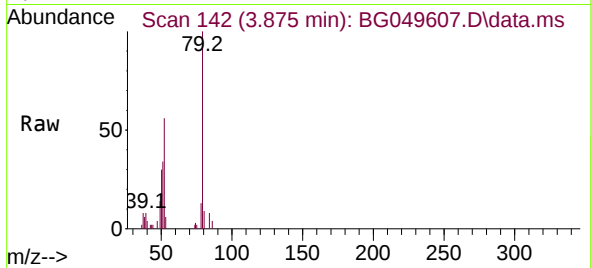




#3
Pyridine
Concen: 10.16 ng
RT: 3.875 min Scan# 142
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

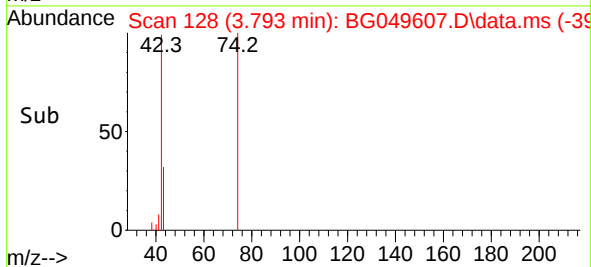
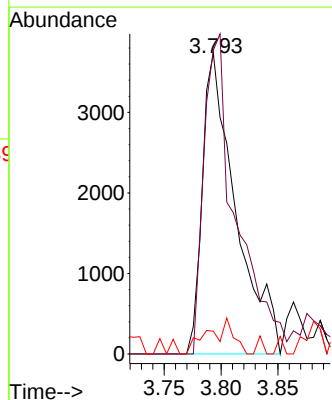
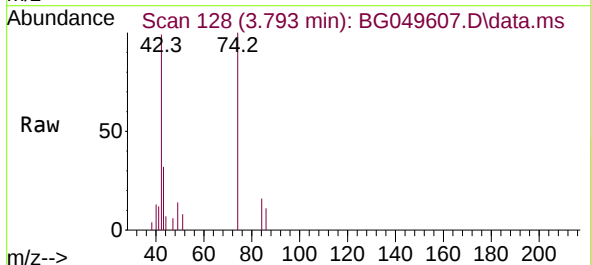
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

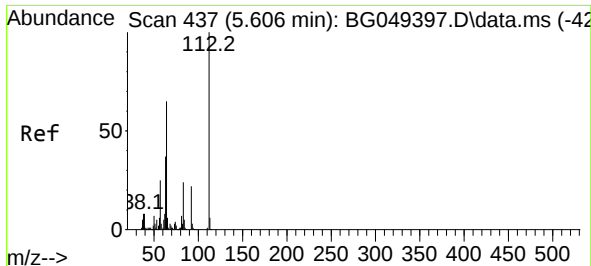
Tgt Ion: 79 Resp: 19746
Ion Ratio Lower Upper
79 100
52 55.9 58.4 87.6#
51 34.3 37.0 55.6#



#4
n-Nitrosodimethylamine
Concen: 7.99 ng
RT: 3.793 min Scan# 128
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 42 Resp: 7628
Ion Ratio Lower Upper
42 100
74 101.0 64.0 96.0#
44 7.5 2.7 4.1#

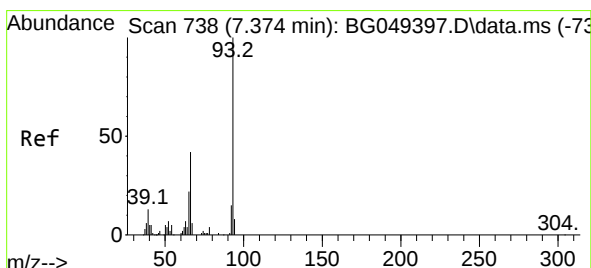
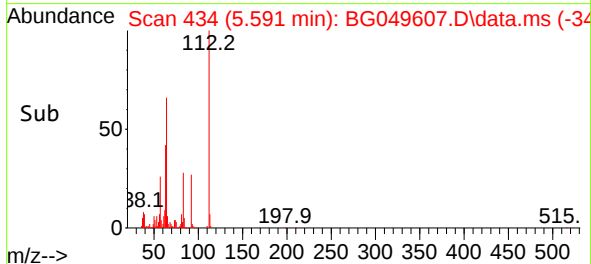
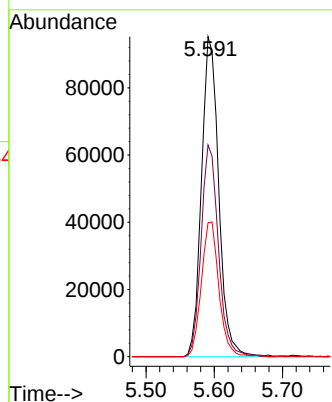
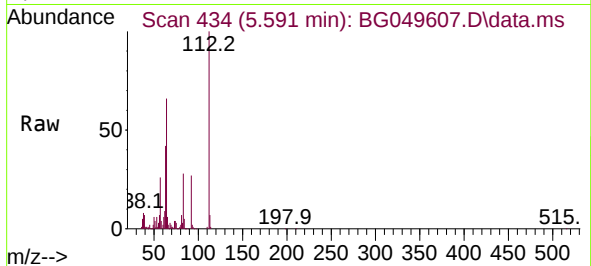




#5
2-Fluorophenol
Concen: 99.54 ng
RT: 5.591 min Scan# 434
Delta R.T. -0.015 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

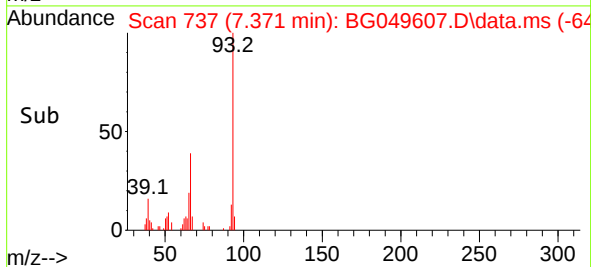
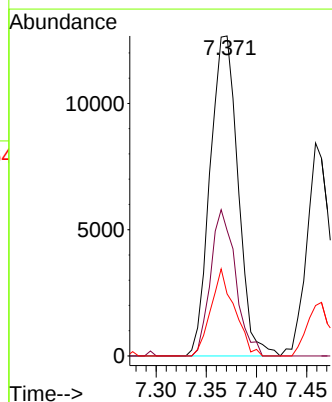
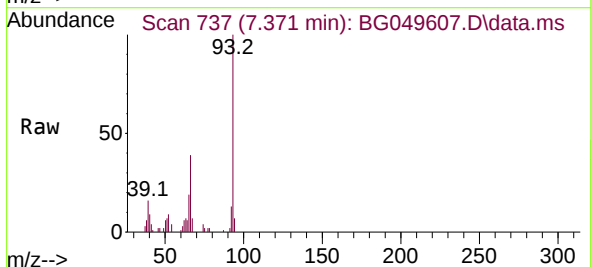
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

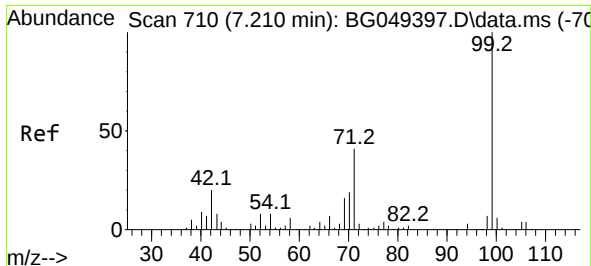
Tgt Ion:112	Resp: 167514
Ion Ratio	Lower Upper
112 100	
64 66.1	46.7 70.1
63 41.8	35.3 52.9



#6
Aniline
Concen: 9.24 ng
RT: 7.371 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 93	Resp: 24496
Ion Ratio	Lower Upper
93 100	
66 39.3	30.6 45.8
65 19.4	15.0 22.4

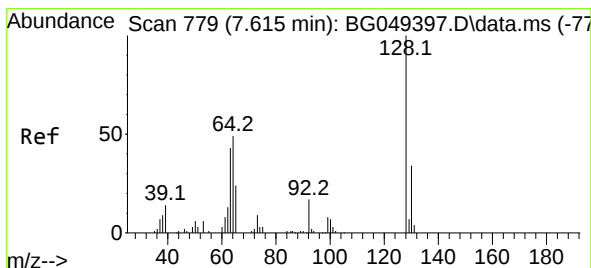
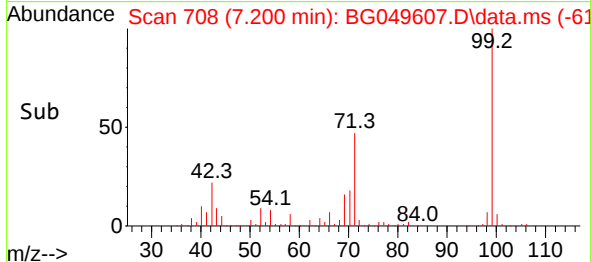
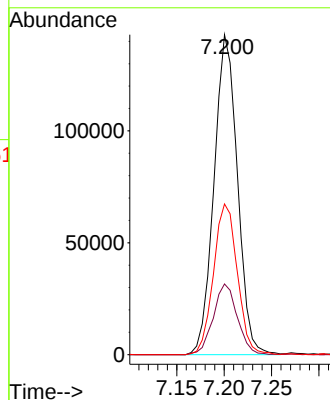
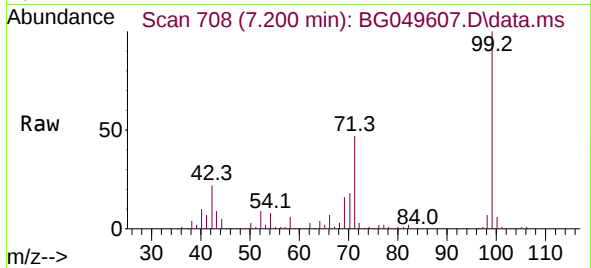




#7
Phenol-d6
Concen: 100.28 ng
RT: 7.200 min Scan# 708
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

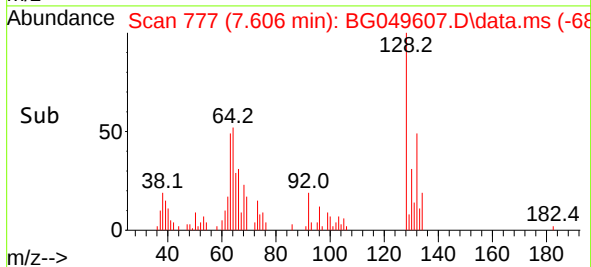
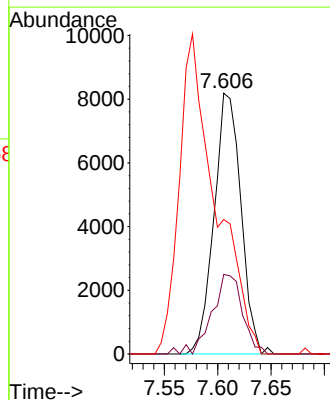
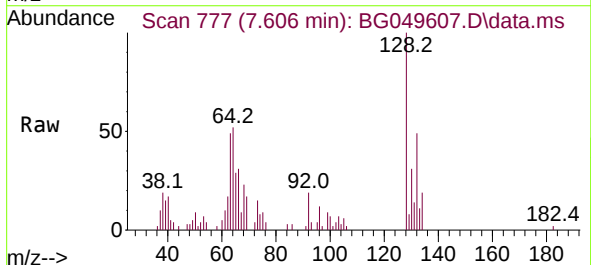
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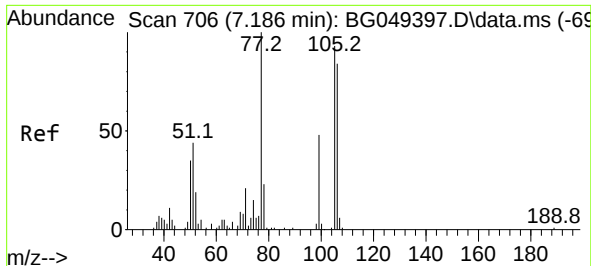
Tgt Ion: 99 Resp: 245796
Ion Ratio Lower Upper
99 100
42 22.1 20.5 30.7
71 47.1 41.5 62.3



#8
2-Chlorophenol
Concen: 8.30 ng
RT: 7.606 min Scan# 777
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 128 Resp: 14328
Ion Ratio Lower Upper
128 100
130 30.5 10.0 50.0
64 51.5 28.1 68.1

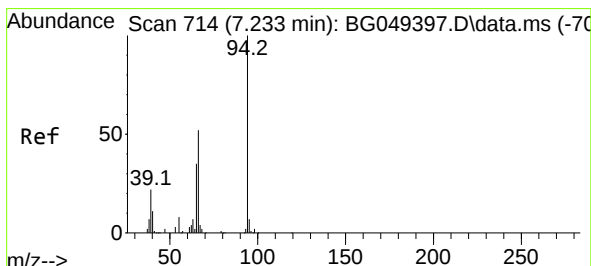
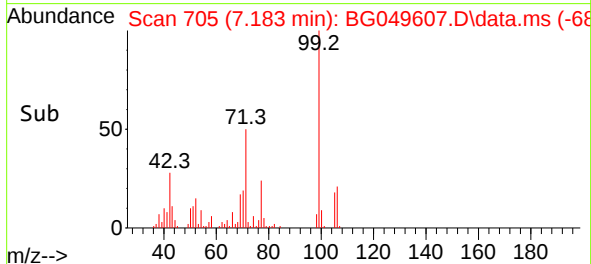
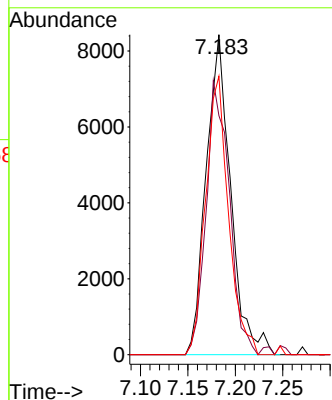
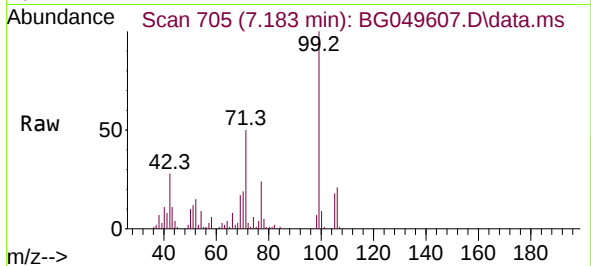




#9
Benzaldehyde
Concen: 9.33 ng
RT: 7.183 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

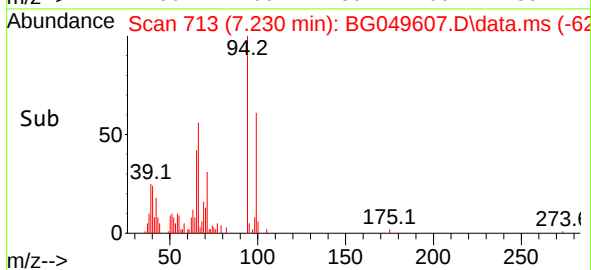
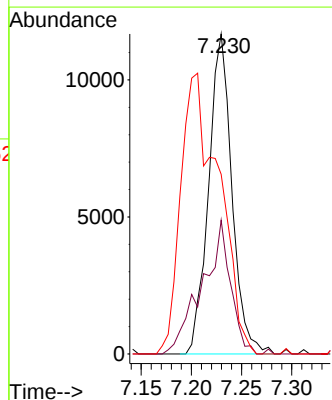
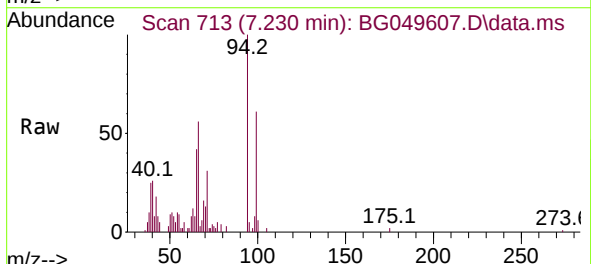
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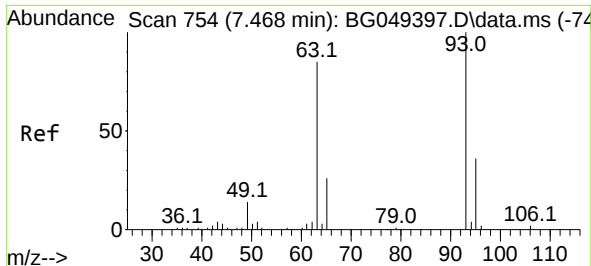
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Ion Ratio Lower Upper
77 100
105 74.7 68.8 108.8
106 87.0 47.9 87.9



#10
Phenol
Concen: 8.10 ng
RT: 7.230 min Scan# 713
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 94 Resp: 18911
Ion Ratio Lower Upper
94 100
65 41.8 12.9 52.9
66 56.2 39.4 79.4

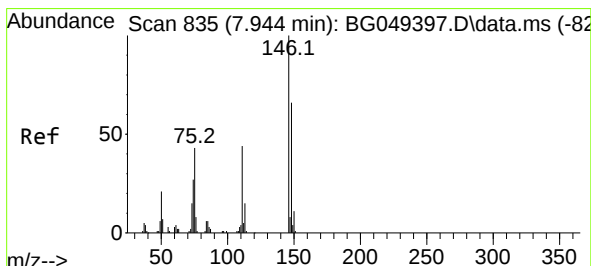
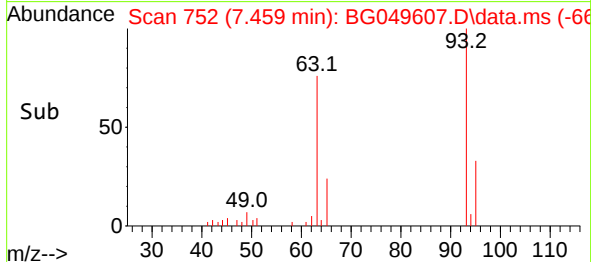
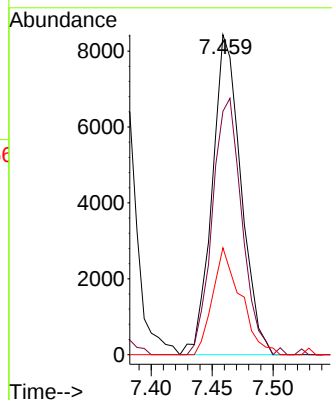
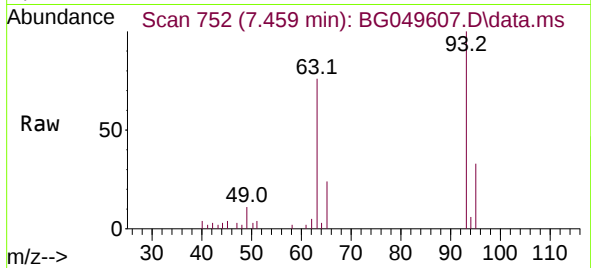




#11
bis(2-Chloroethyl)ether
Concen: 8.68 ng
RT: 7.459 min Scan# 752
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

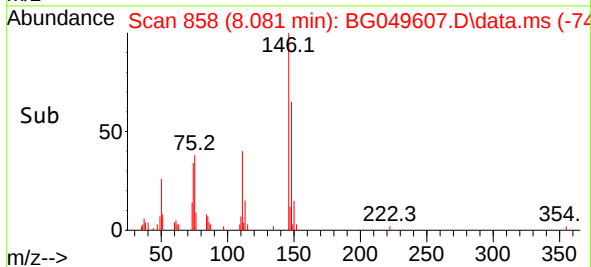
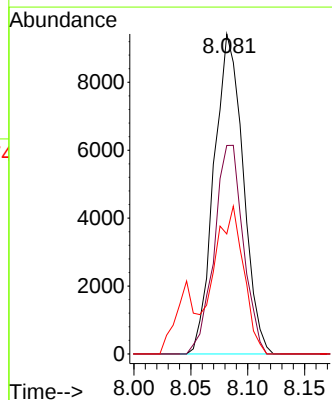
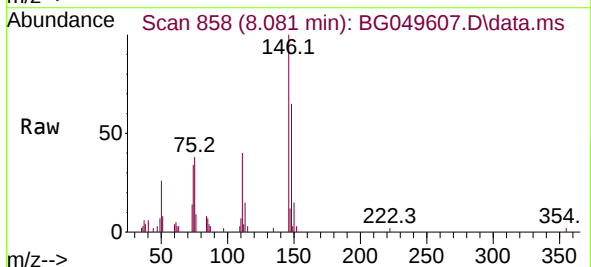
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

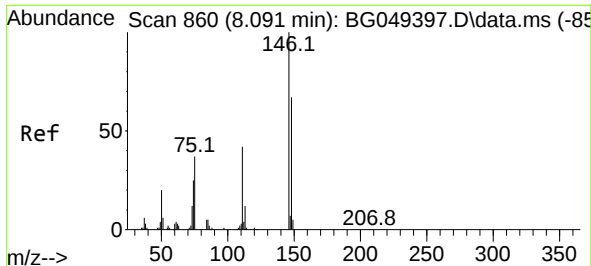
Tgt Ion:	93	Resp:	13878
Ion	Ratio	Lower	Upper
93	100		
63	76.0	50.4	90.4
95	33.4	15.3	55.3



#12
1,3-Dichlorobenzene
Concen: 8.21 ng
RT: 8.081 min Scan# 858
Delta R.T. 0.137 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:	146	Resp:	16746
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.6	78.8
75	37.5	35.7	53.5

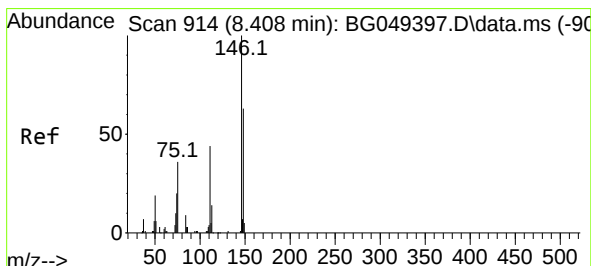
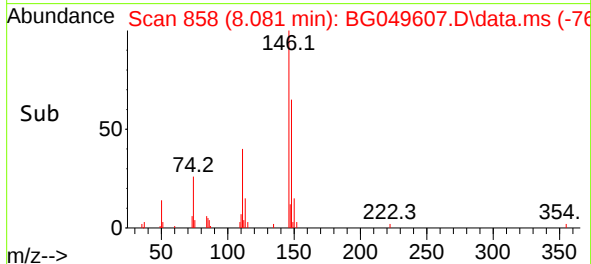
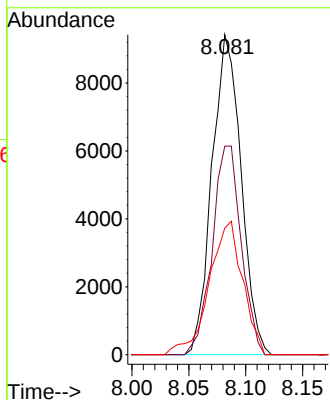
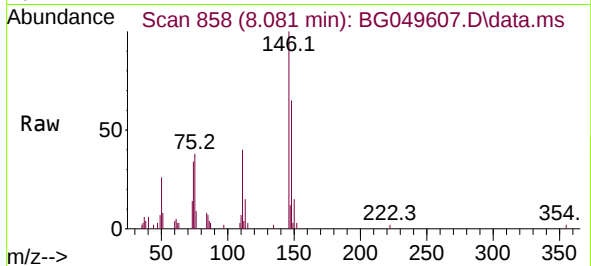




#13
1,4-Dichlorobenzene
Concen: 8.24 ng
RT: 8.081 min Scan# 858
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

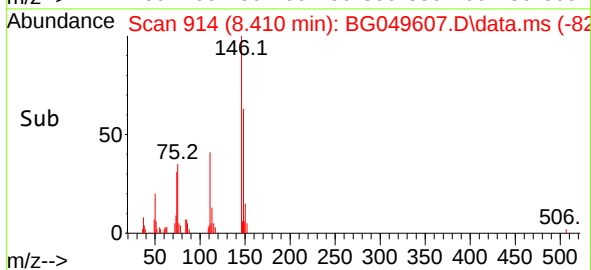
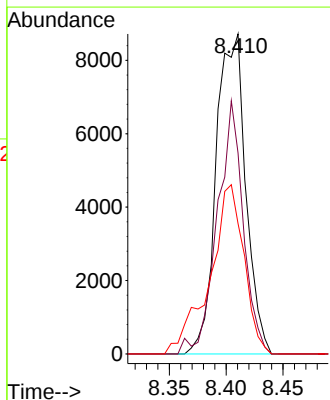
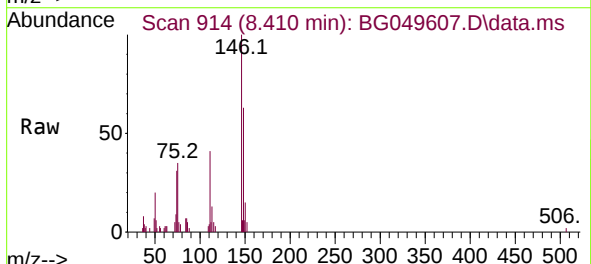
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

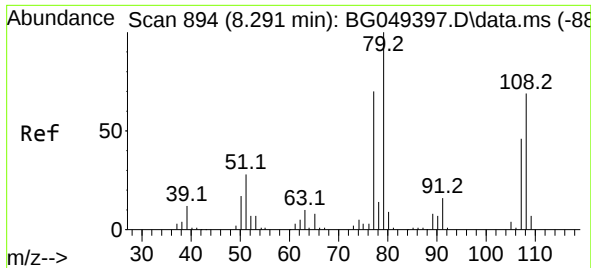
Tgt Ion:146 Resp: 16746
Ion Ratio Lower Upper
146 100
148 65.1 54.0 81.0
111 39.6 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 8.02 ng
RT: 8.410 min Scan# 914
Delta R.T. 0.002 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:146 Resp: 15750
Ion Ratio Lower Upper
146 100
148 62.8 47.5 71.3
111 40.7 39.1 58.7

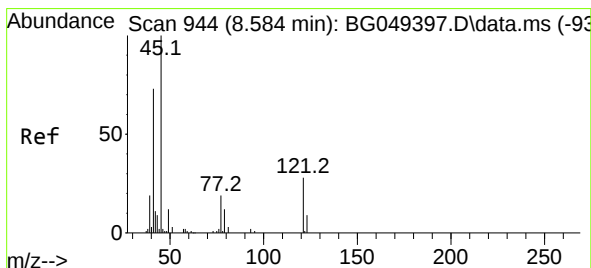
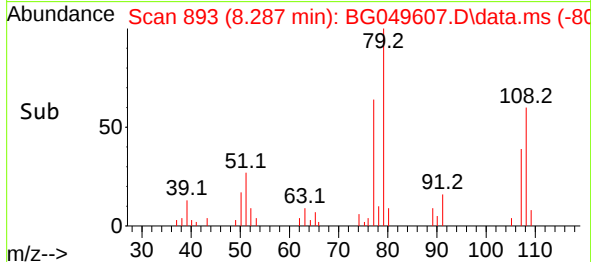
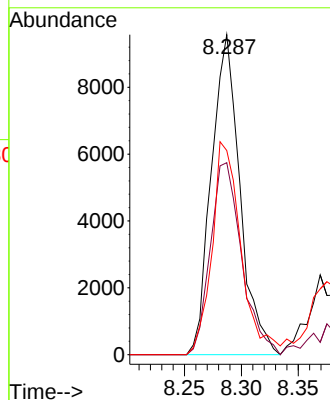
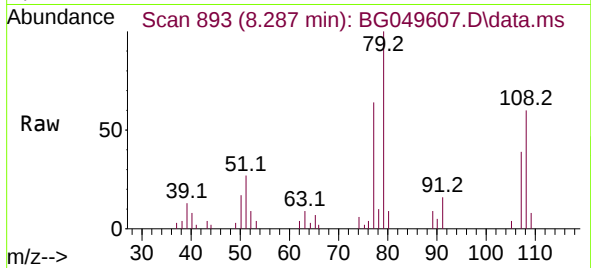




#15
Benzyl Alcohol
Concen: 8.34 ng
RT: 8.287 min Scan# 893
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

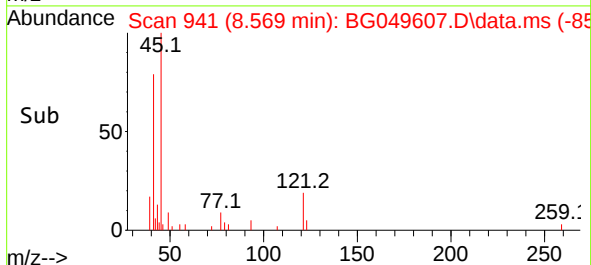
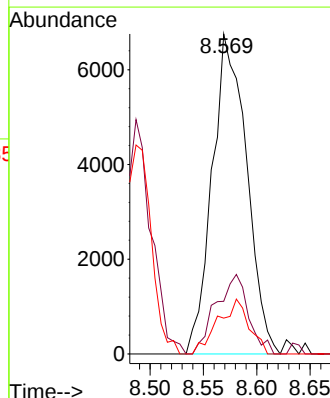
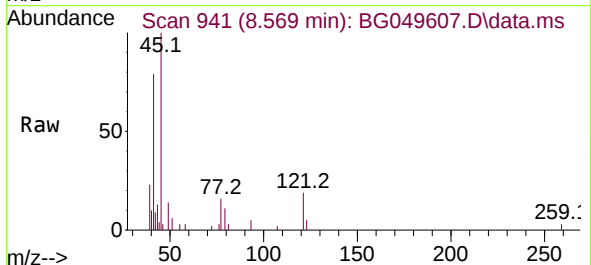
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

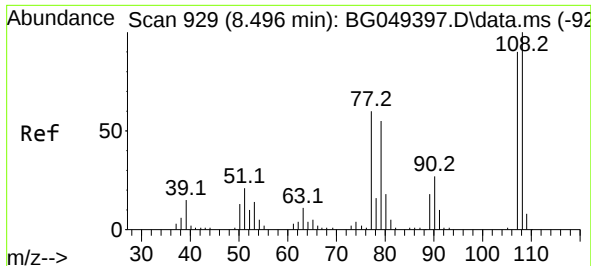
Tgt Ion:	79	Resp:	16706
Ion Ratio	Lower	Upper	
79	100		
108	60.0	48.2	72.4
77	63.8	57.3	85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.11 ng
RT: 8.569 min Scan# 941
Delta R.T. -0.015 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:	45	Resp:	15159
Ion Ratio	Lower	Upper	
45	100		
77	16.5	2.2	42.2
79	11.2	0.0	34.3

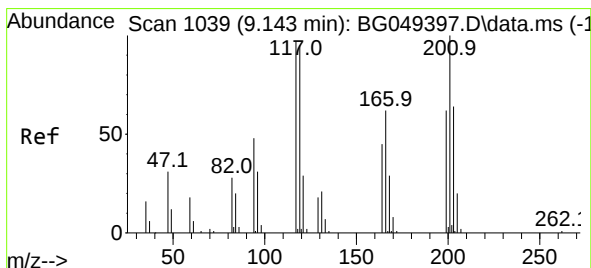
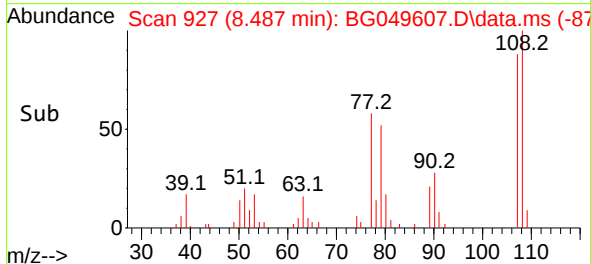
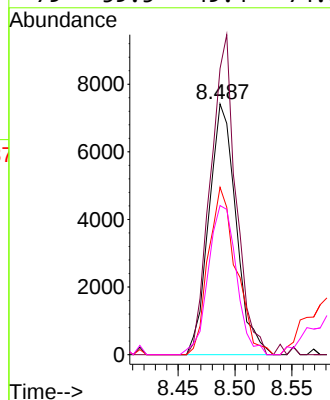
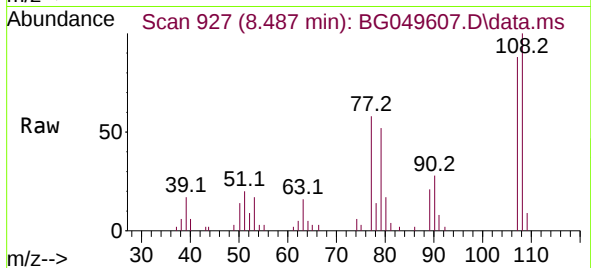




#17
2-Methylphenol
Concen: 7.94 ng
RT: 8.487 min Scan# 927
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

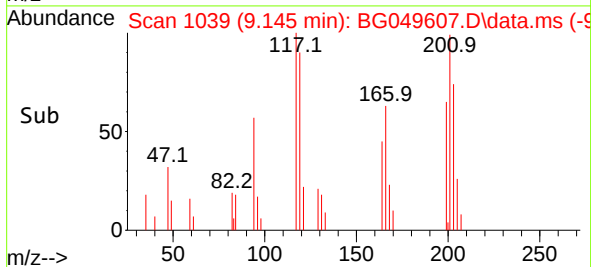
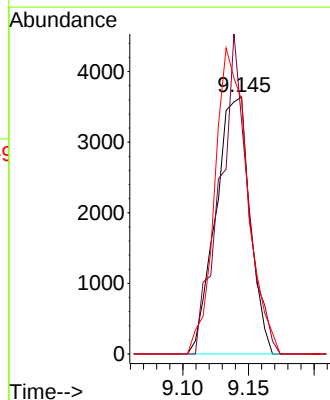
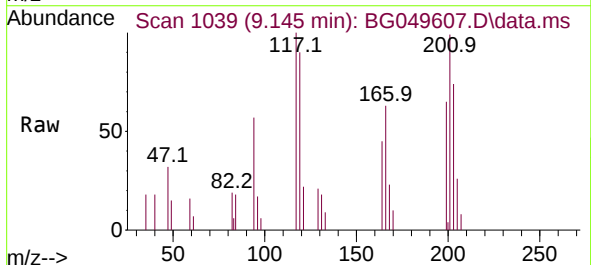
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

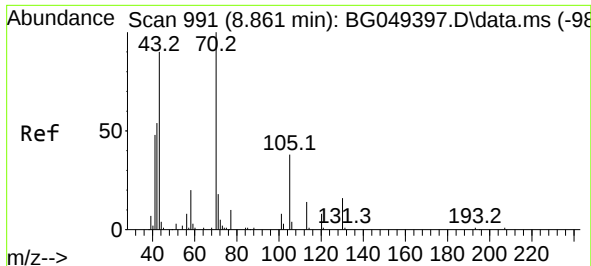
Tgt Ion:	107	Resp:	12339
Ion	Ratio	Lower	Upper
107	100		
108	114.1	84.6	127.0
77	66.7	50.7	76.1
79	59.5	49.4	74.0



#18
Hexachloroethane
Concen: 8.36 ng
RT: 9.145 min Scan# 1039
Delta R.T. 0.002 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

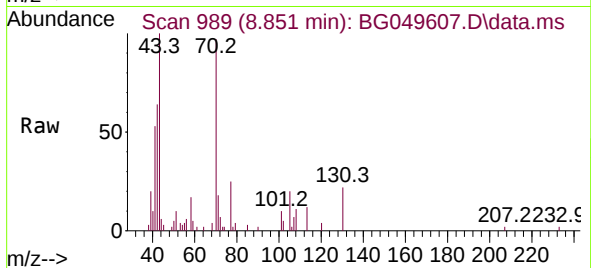
Tgt Ion:	117	Resp:	6601
Ion	Ratio	Lower	Upper
117	100		
119	90.4	74.4	111.6
201	99.0	88.6	133.0



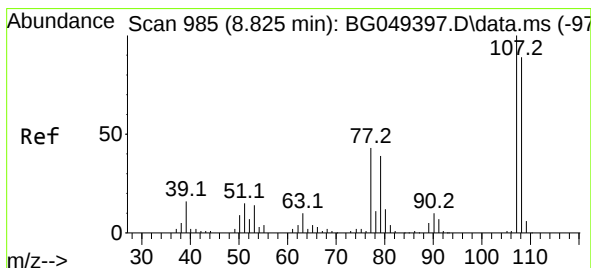
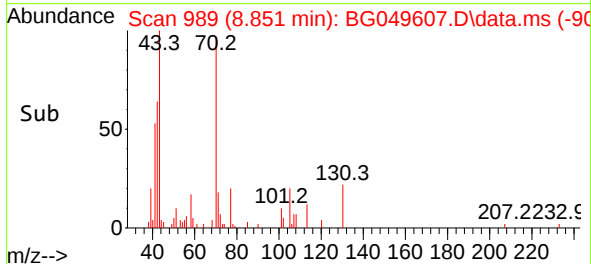
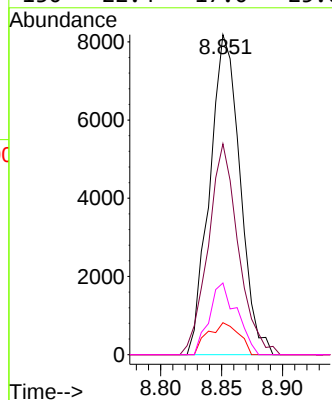


#19
n-Nitroso-di-n-propylamine
Concen: 8.79 ng
RT: 8.851 min Scan# 989
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

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

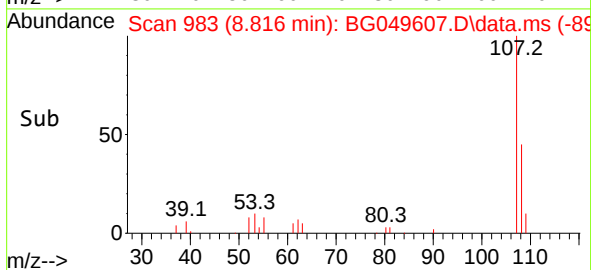
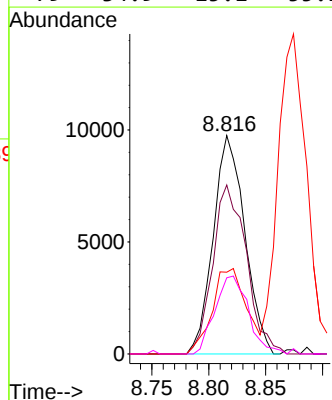
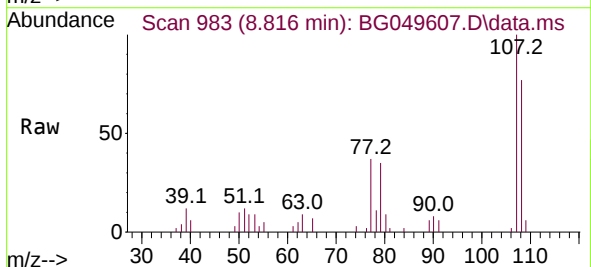


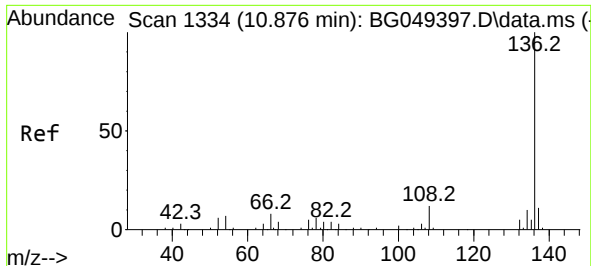
Tgt Ion:	70	Resp:	14149
Ion	Ratio	Lower	Upper
70	100		
42	65.9	54.5	81.7
101	10.0	9.0	13.6
130	22.4	17.0	25.6



#20
3+4-Methylphenols
Concen: 8.83 ng
RT: 8.816 min Scan# 983
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:	107	Resp:	18819
Ion	Ratio	Lower	Upper
107	100		
108	77.3	69.3	109.3
77	37.4	25.2	65.2
79	34.9	15.1	55.1

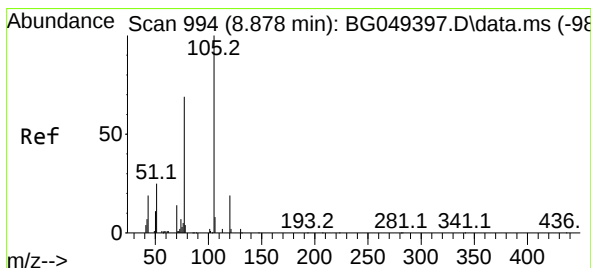
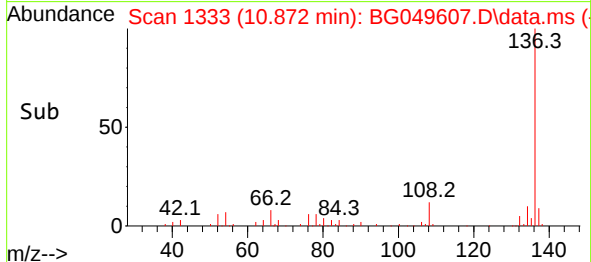
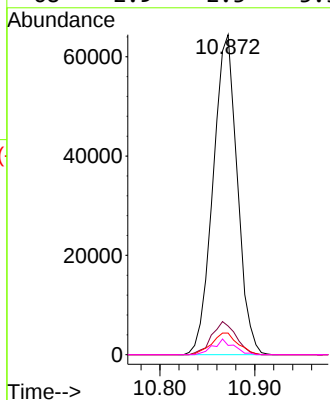
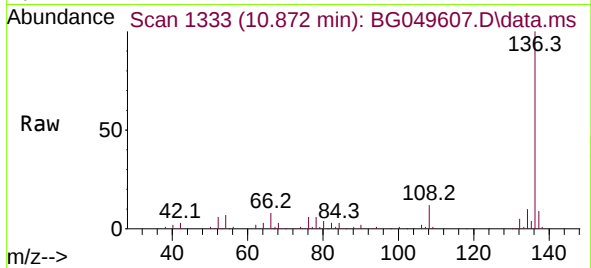




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.872 min Scan# 1333
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

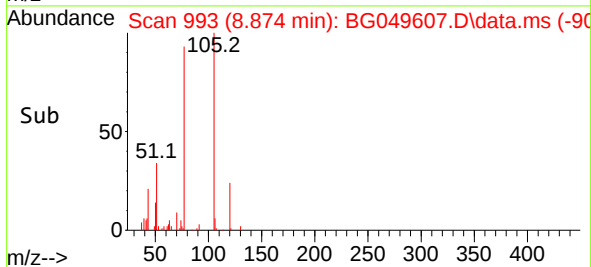
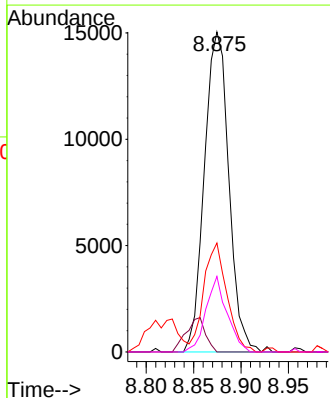
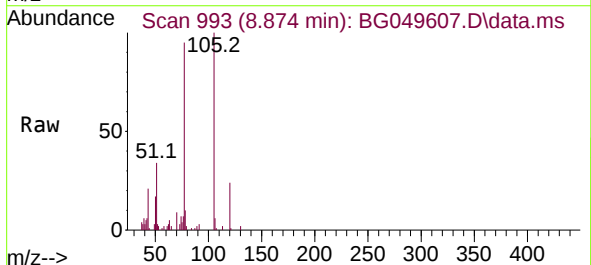
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

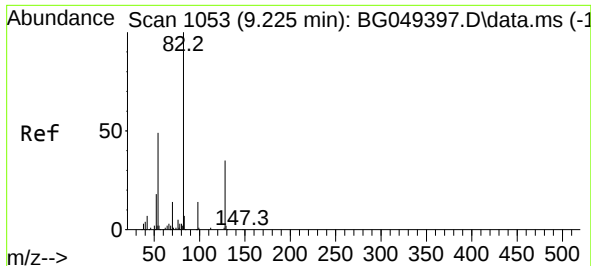
Tgt Ion:136	Resp:	114497
Ion Ratio	Lower	Upper
136	100	
137	9.0	8.2 12.2
54	6.7	5.5 8.3
68	2.9	2.3 3.5



#22
Acetophenone
Concen: 8.82 ng
RT: 8.874 min Scan# 993
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:105	Resp:	27044
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 0.8#
51	34.1	26.6 40.0
120	23.6	16.2 24.4

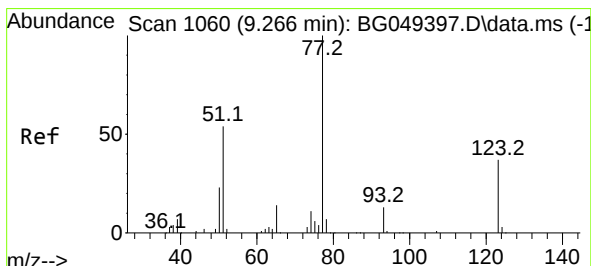
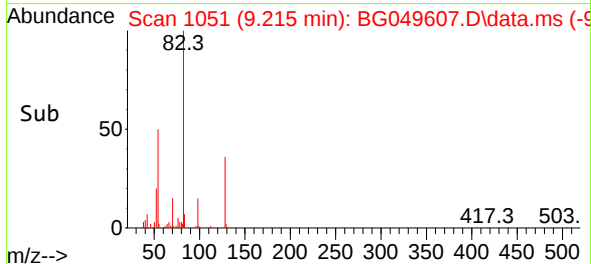
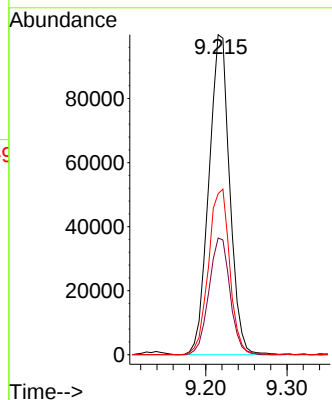
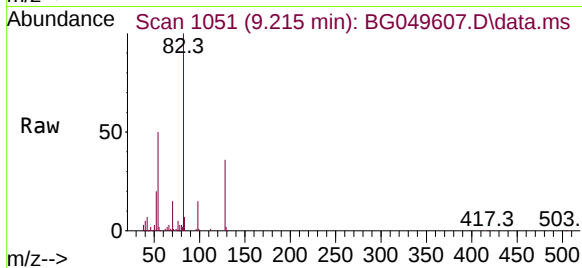




#23
Nitrobenzene-d5
Concen: 69.65 ng
RT: 9.215 min Scan# 1051
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

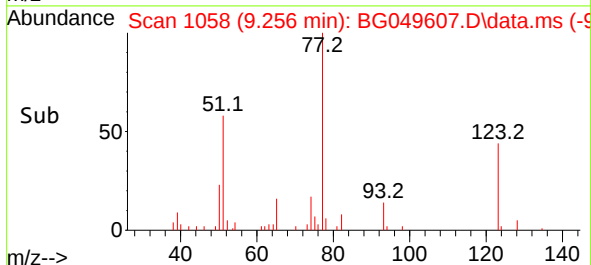
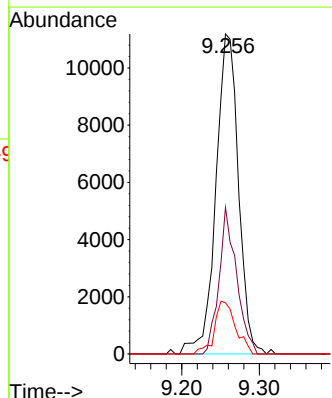
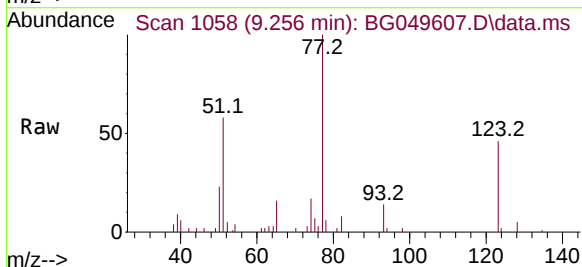
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

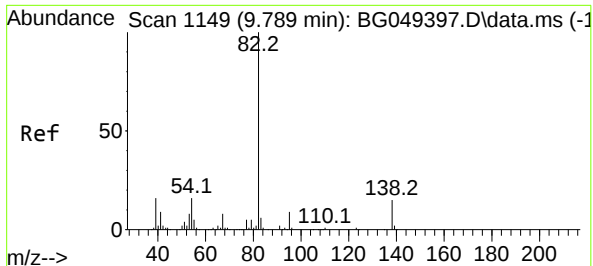
Tgt Ion: 82 Resp: 177989
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 50.3 45.8 68.8



#24
Nitrobenzene
Concen: 8.45 ng
RT: 9.256 min Scan# 1058
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 77 Resp: 22673
Ion Ratio Lower Upper
77 100
123 45.8 27.5 41.3#
65 16.0 12.6 18.8

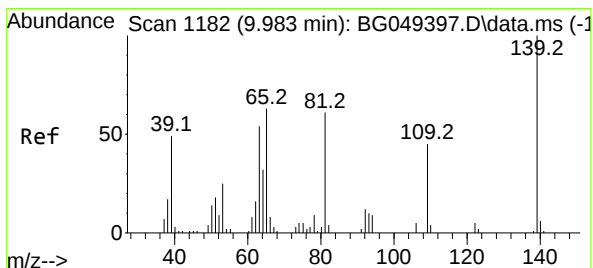
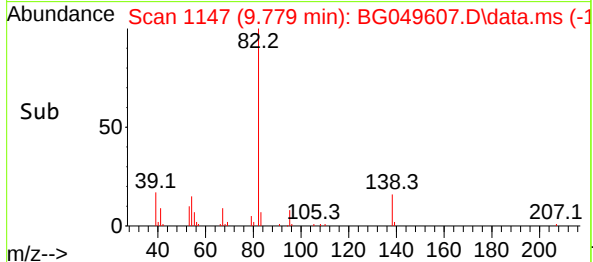
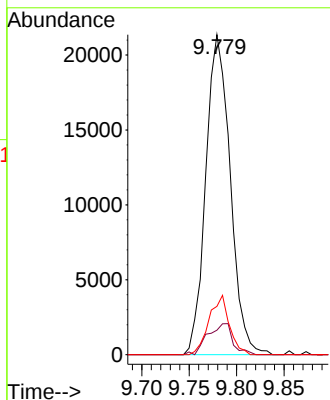
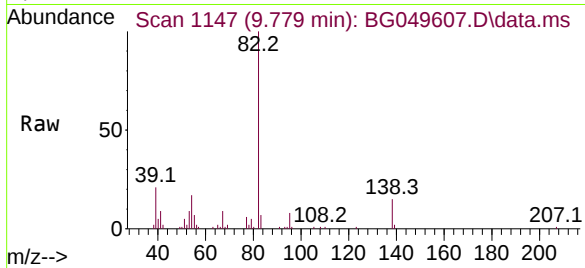




#25
Isophorone
Concen: 8.46 ng
RT: 9.779 min Scan# 1147
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

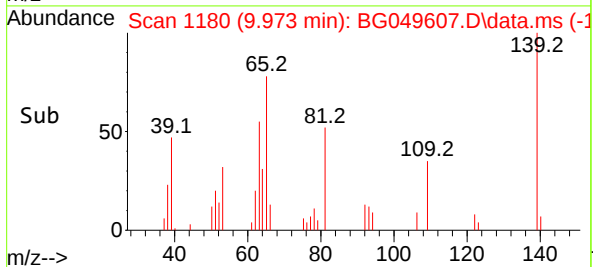
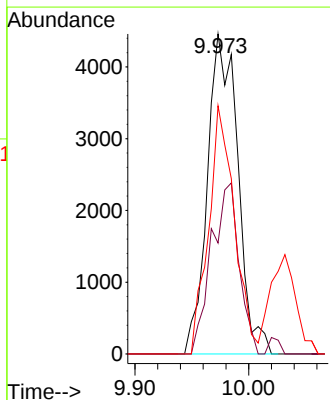
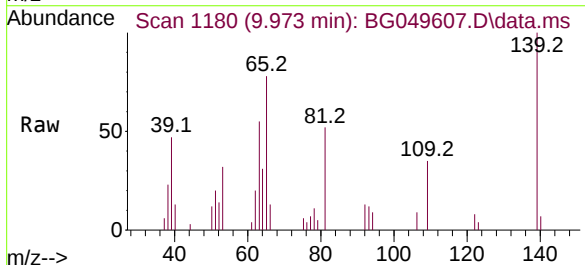
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

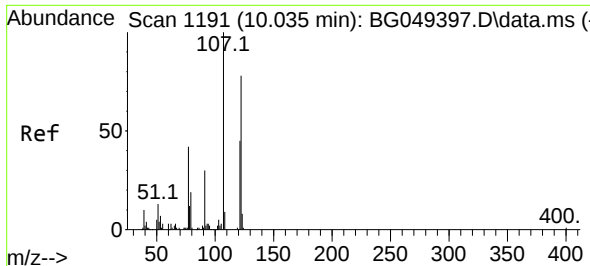
Tgt Ion: 82 Resp: 38317
Ion Ratio Lower Upper
82 100
95 7.7 8.5 12.7#
138 15.1 11.8 17.6



#26
2-Nitrophenol
Concen: 8.50 ng
RT: 9.973 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 139 Resp: 8283
Ion Ratio Lower Upper
139 100
109 34.7 37.8 56.6#
65 77.5 51.8 77.8

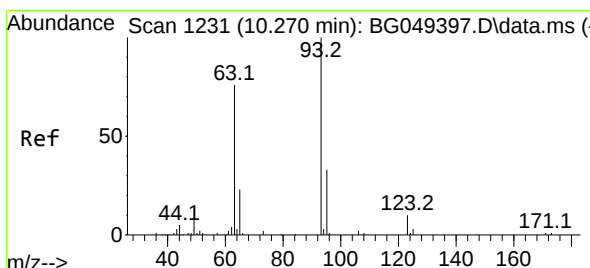
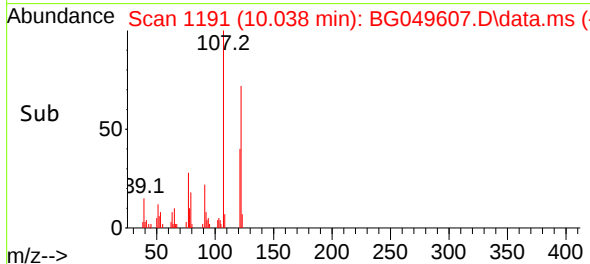
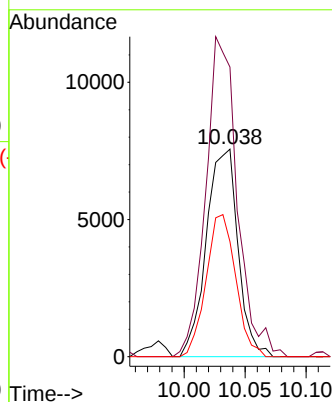
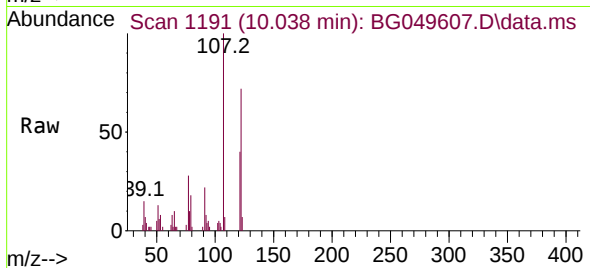




#27
2,4-Dimethylphenol
Concen: 8.78 ng
RT: 10.038 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

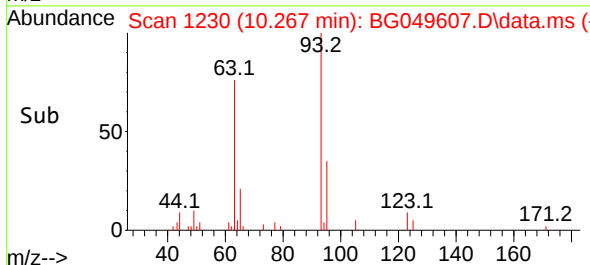
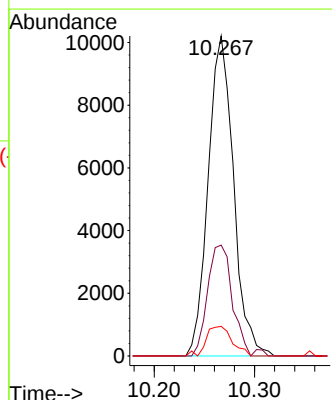
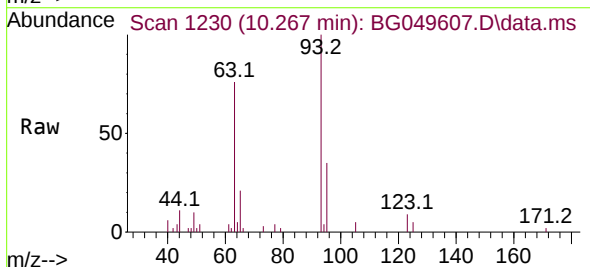
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

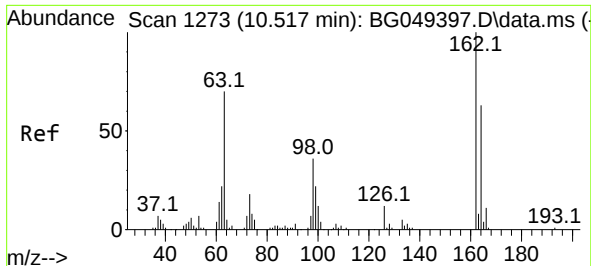
Tgt Ion:122 Resp: 13674
Ion Ratio Lower Upper
122 100
107 139.5 110.1 165.1
121 55.4 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 8.87 ng
RT: 10.267 min Scan# 1230
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 93 Resp: 17920
Ion Ratio Lower Upper
93 100
95 34.7 22.2 33.4#
123 9.3 8.8 13.2

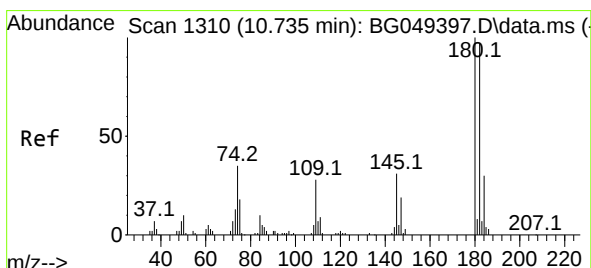
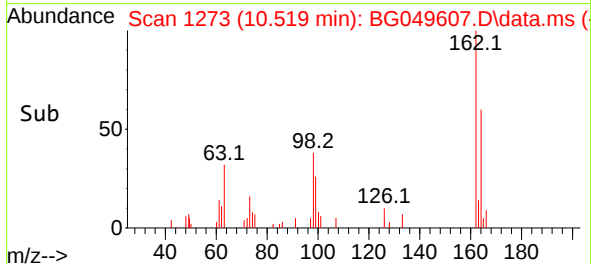
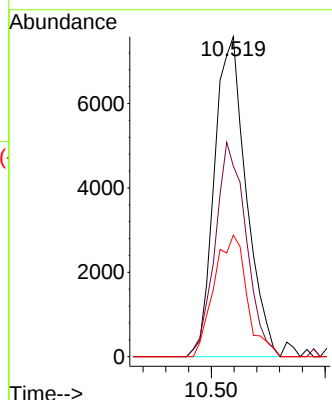
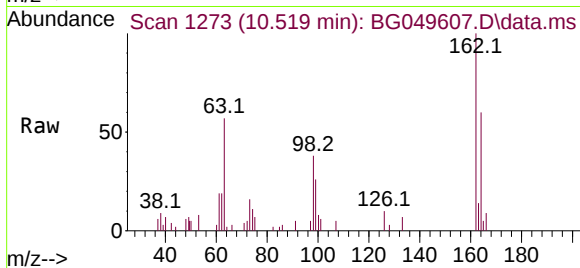




#29
2,4-Dichlorophenol
Concen: 8.13 ng
RT: 10.519 min Scan# 1273
Delta R.T. 0.002 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

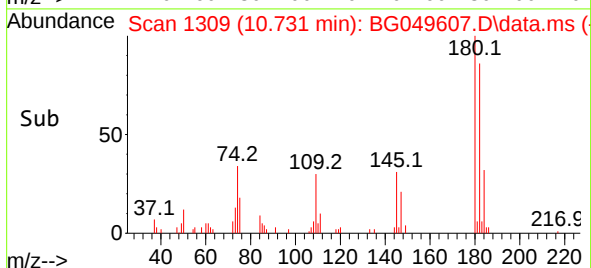
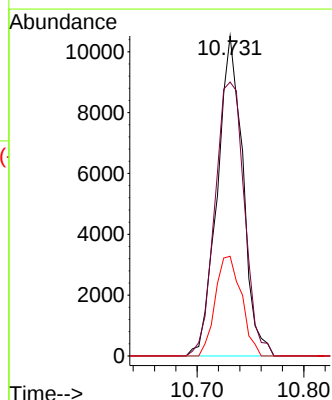
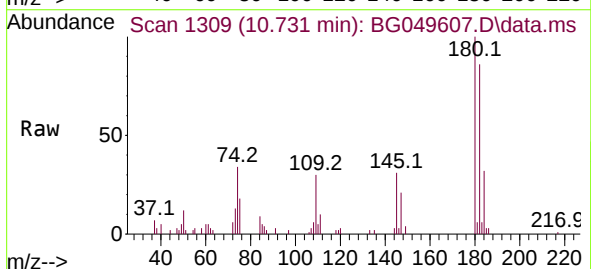
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

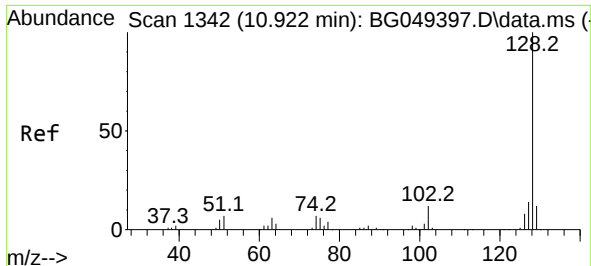
Tgt Ion:162 Resp: 14681
Ion Ratio Lower Upper
162 100
164 59.6 39.4 79.4
98 38.0 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 8.58 ng
RT: 10.731 min Scan# 1309
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:180 Resp: 17511
Ion Ratio Lower Upper
180 100
182 85.6 78.9 118.3
145 31.2 26.2 39.4

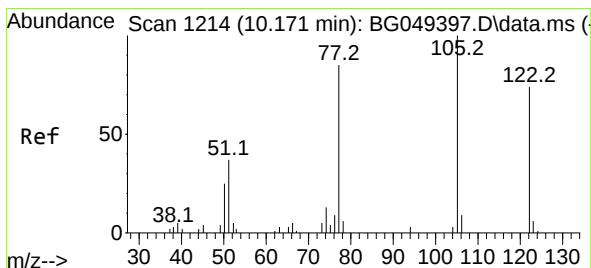
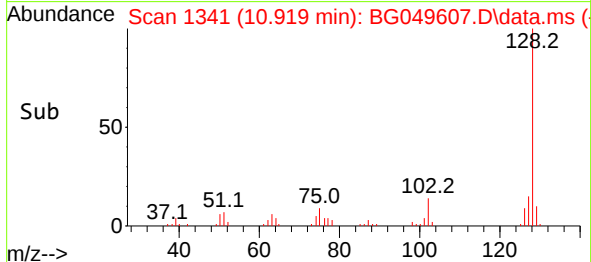
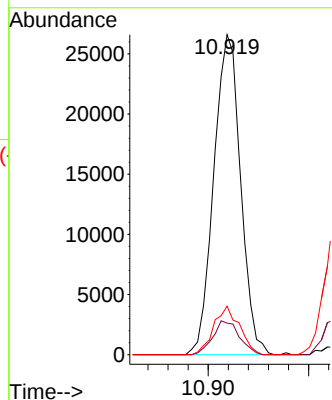
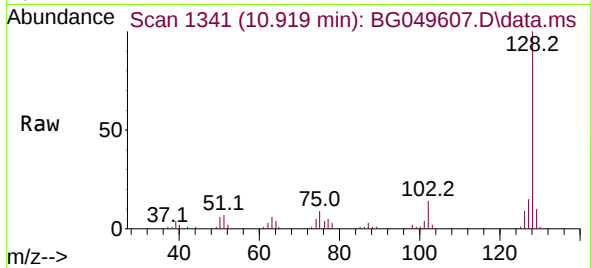




#31
Naphthalene
Concen: 8.15 ng
RT: 10.919 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

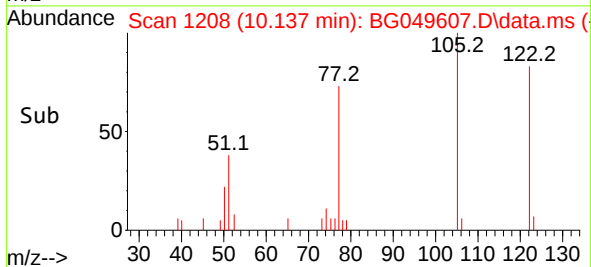
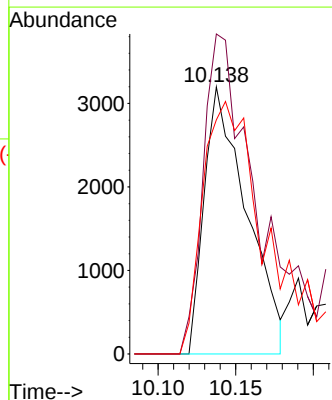
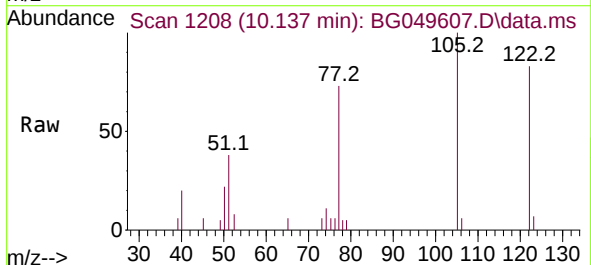
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

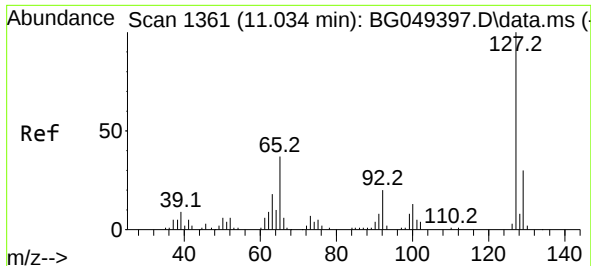
Tgt Ion:128 Resp: 49205
Ion Ratio Lower Upper
128 100
129 9.9 8.5 12.7
127 15.2 10.2 15.4



#32
Benzoic acid
Concen: 5.95 ng
RT: 10.137 min Scan# 1208
Delta R.T. -0.034 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:122 Resp: 6090
Ion Ratio Lower Upper
122 100
105 119.8 92.3 132.3
77 87.6 66.5 106.5

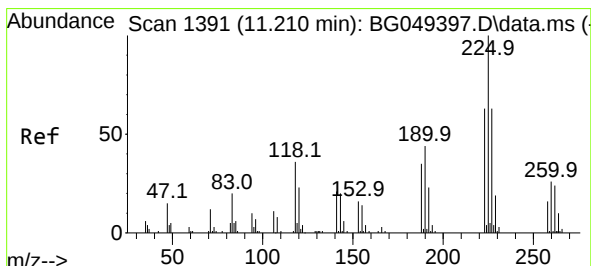
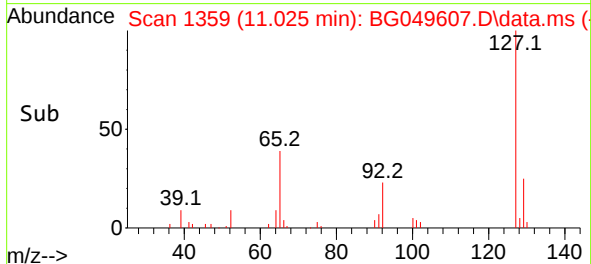
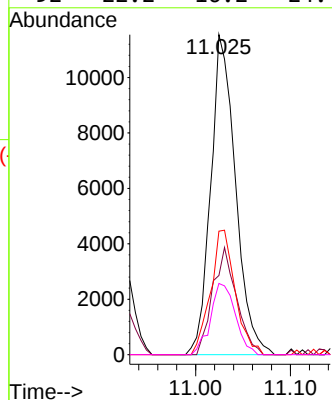
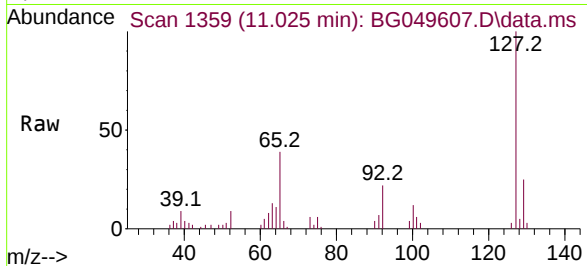




#33
4-Chloroaniline
Concen: 9.13 ng
RT: 11.025 min Scan# 1359
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

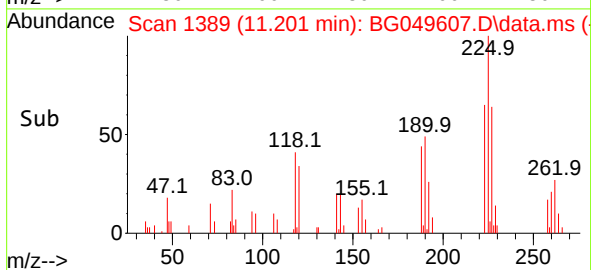
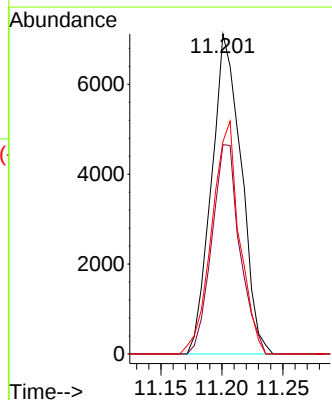
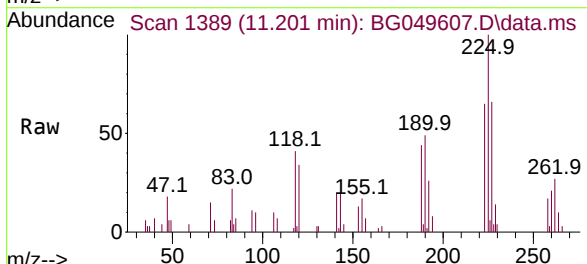
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

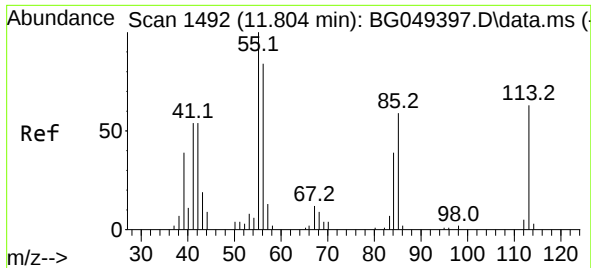
Tgt Ion:127	Resp: 21030
Ion Ratio	Lower Upper
127 100	
129 24.8	26.7 40.1#
65 38.6	32.8 49.2
92 22.2	16.2 24.4



#34
Hexachlorobutadiene
Concen: 8.26 ng
RT: 11.201 min Scan# 1389
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:225	Resp: 12071
Ion Ratio	Lower Upper
225 100	
223 65.4	49.8 74.8
227 66.3	46.4 69.6

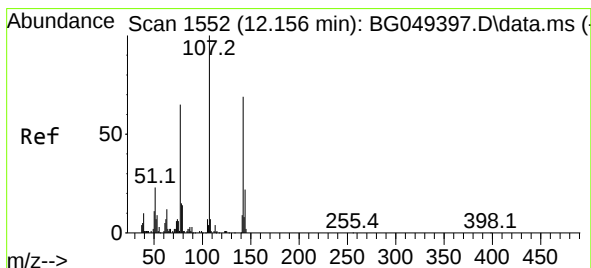
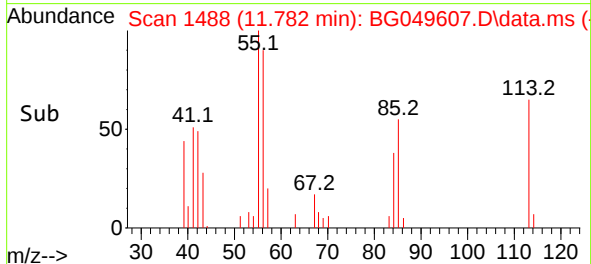
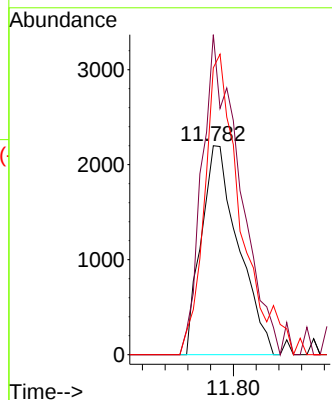
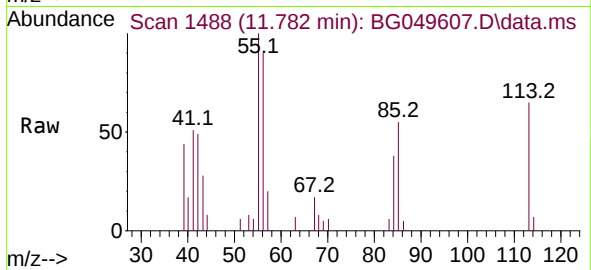




#35
Caprolactam
Concen: 8.86 ng
RT: 11.782 min Scan# 1488
Delta R.T. -0.021 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

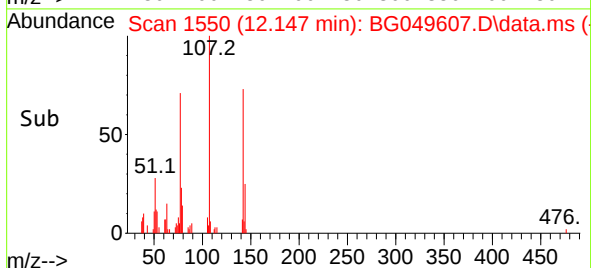
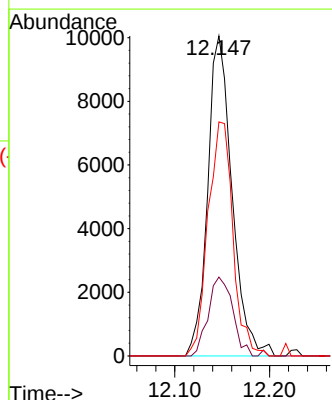
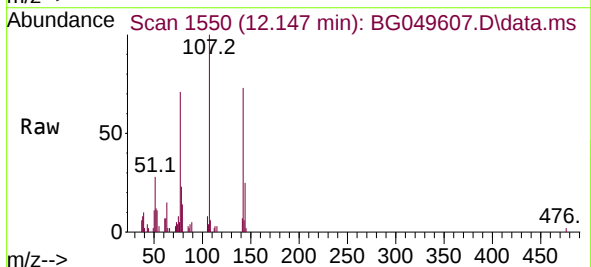
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

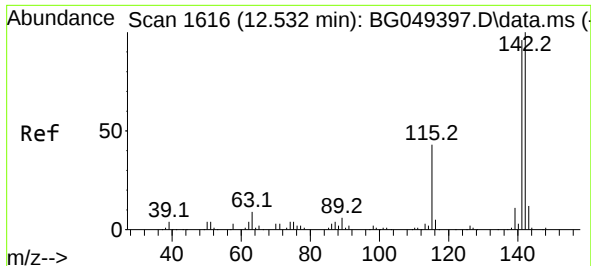
Tgt Ion:113 Resp: 4969
Ion Ratio Lower Upper
113 100
55 153.2 113.8 153.8
56 137.3 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 8.41 ng
RT: 12.147 min Scan# 1550
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:107 Resp: 17917
Ion Ratio Lower Upper
107 100
144 24.6 24.8 37.2#
142 73.2 62.2 93.4

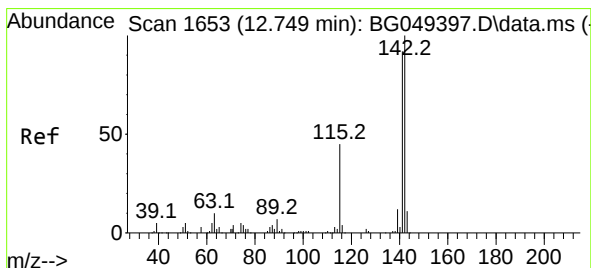
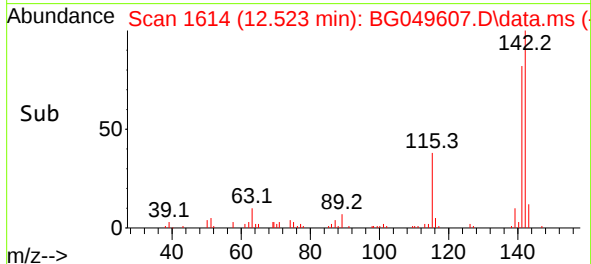
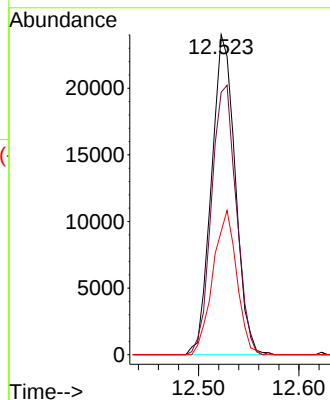
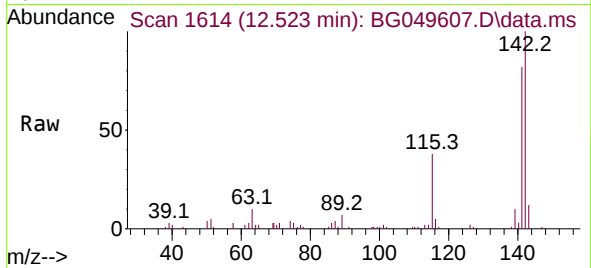




#37
2-Methylnaphthalene
Concen: 8.96 ng
RT: 12.523 min Scan# 1614
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

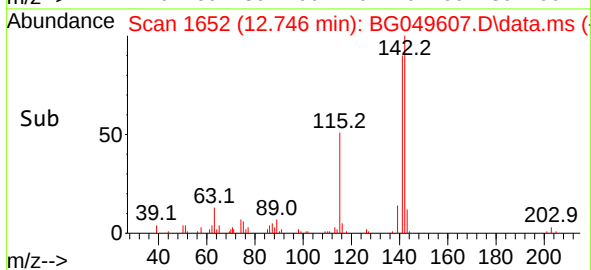
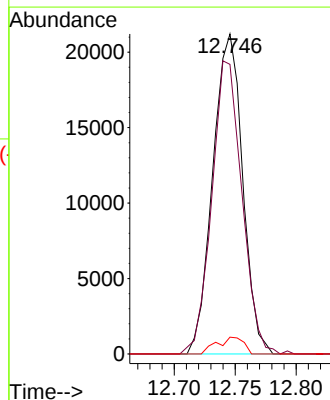
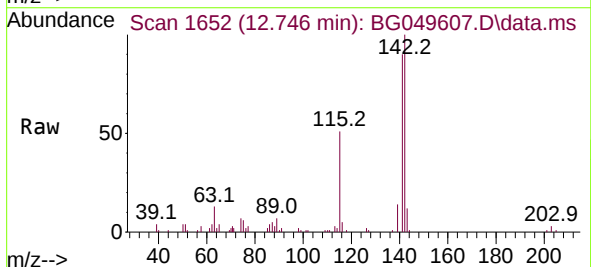
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

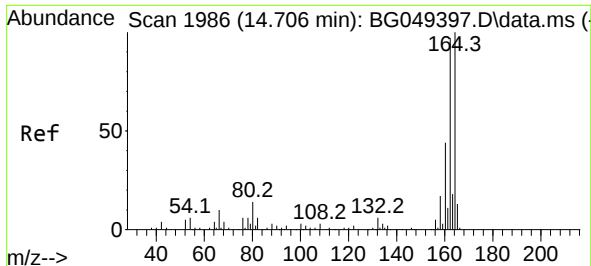
Tgt Ion:142 Resp: 39489
Ion Ratio Lower Upper
142 100
141 82.0 68.8 103.2
115 38.5 36.4 54.6



#38
1-Methylnaphthalene
Concen: 8.56 ng
RT: 12.746 min Scan# 1652
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:142 Resp: 36078
Ion Ratio Lower Upper
142 100
141 90.5 70.6 106.0
116 5.3 4.0 6.0

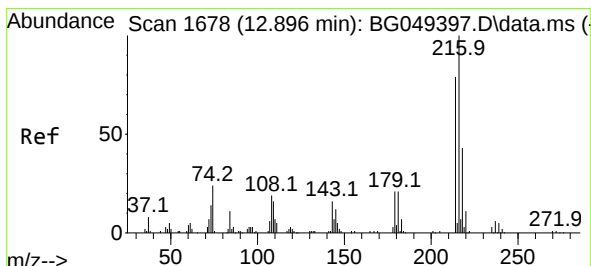
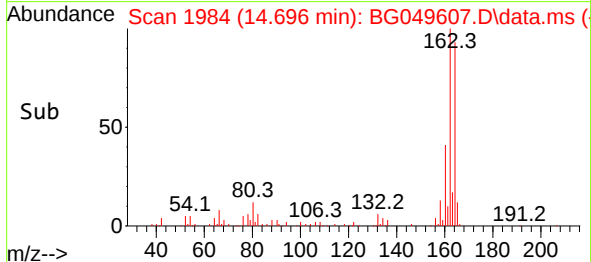
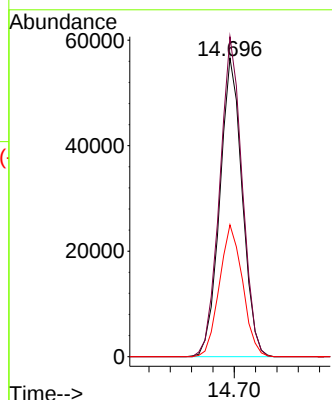
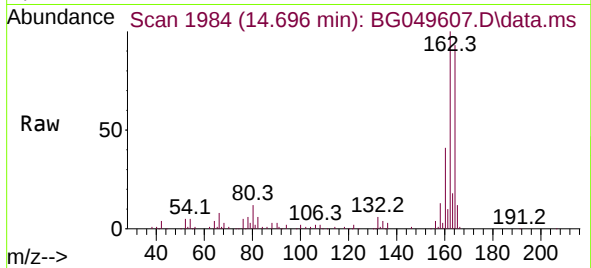




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.696 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

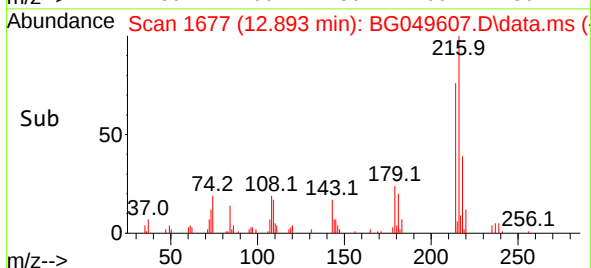
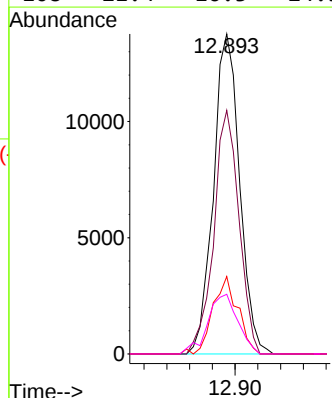
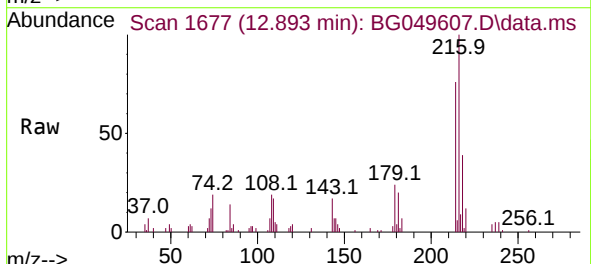
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

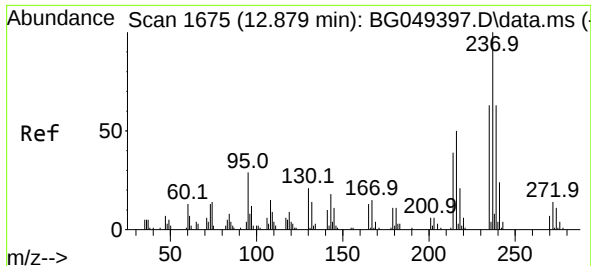
Tgt Ion:164	Resp:	82637
Ion Ratio	Lower	Upper
164	100	
162	107.1	81.4 122.0
160	44.1	34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.01 ng
RT: 12.893 min Scan# 1677
Delta R.T. -0.003 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

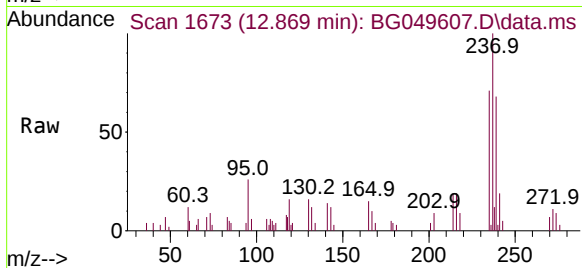
Tgt Ion:216	Resp:	22009
Ion Ratio	Lower	Upper
216	100	
214	73.1	61.4 92.2
179	23.2	17.3 25.9
108	21.4	16.3 24.5



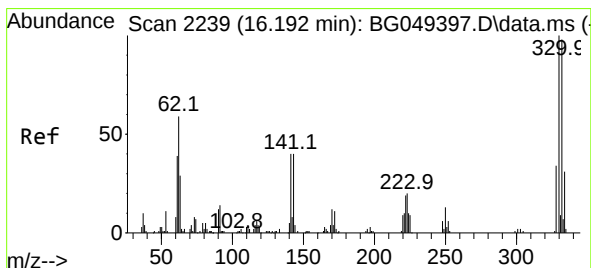
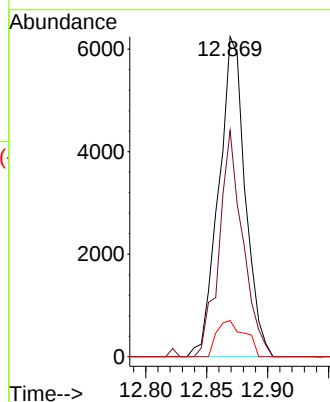
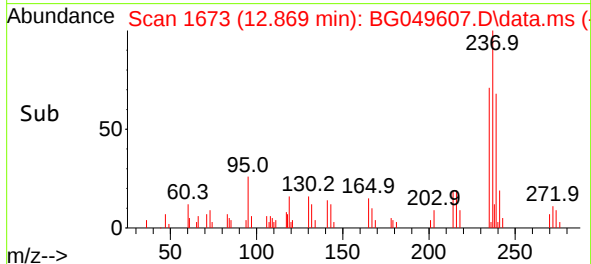


#41
Hexachlorocyclopentadiene
Concen: 8.66 ng
RT: 12.869 min Scan# 1673
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

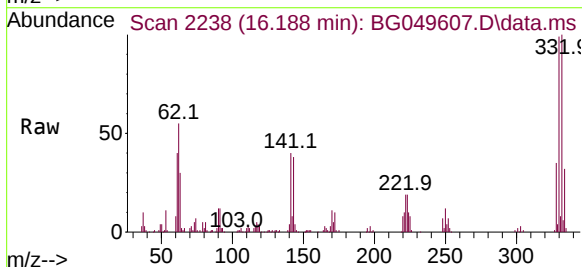
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



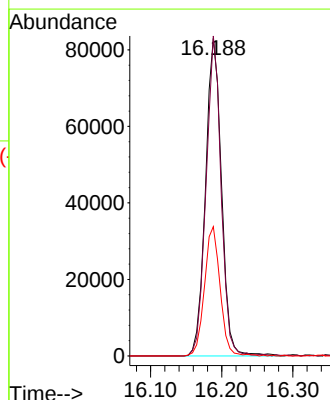
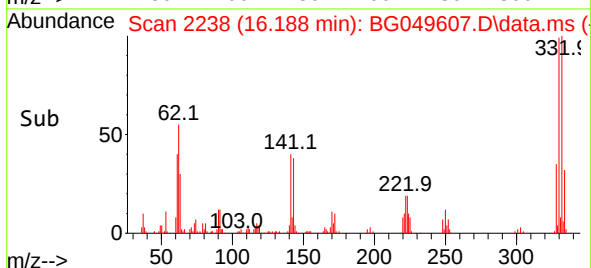
Tgt Ion:237 Resp: 9447
Ion Ratio Lower Upper
237 100
235 70.6 36.6 76.6
272 11.3 0.0 32.5

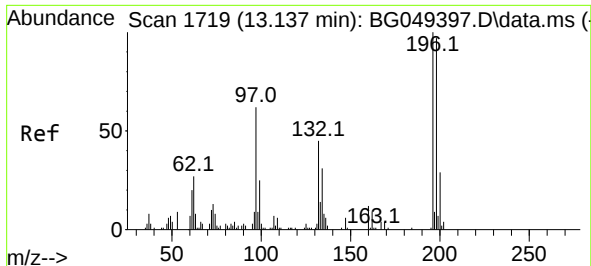


#42
2,4,6-Tribromophenol
Concen: 117.47 ng
RT: 16.188 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50



Tgt Ion:330 Resp: 130001
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 39.8 35.6 53.4

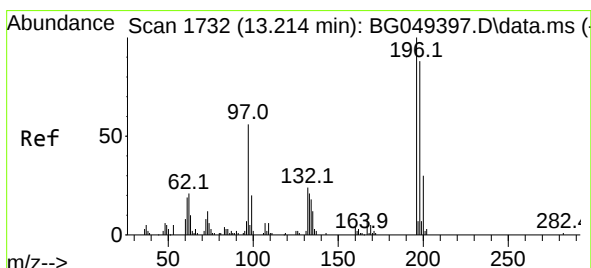
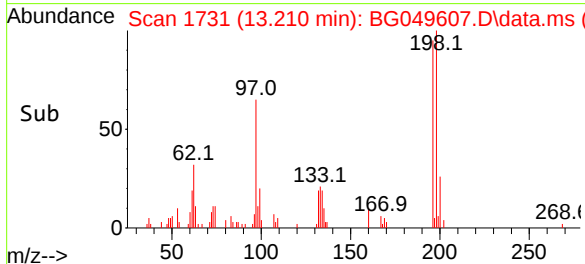
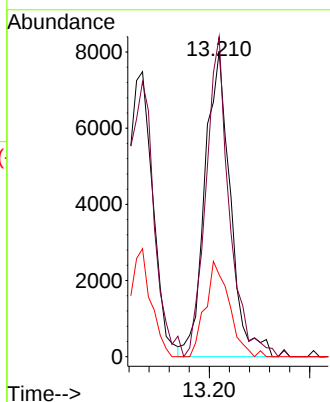
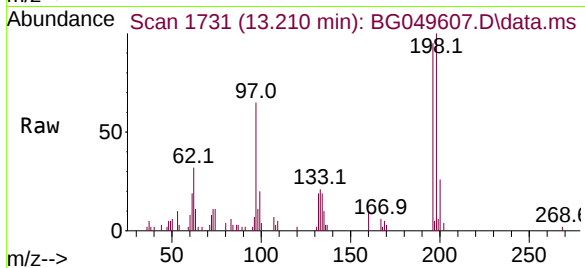




#43
2,4,6-Trichlorophenol
Concen: 8.91 ng
RT: 13.210 min Scan# 1731
Delta R.T. 0.073 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

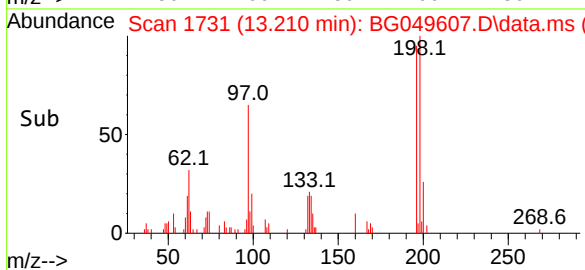
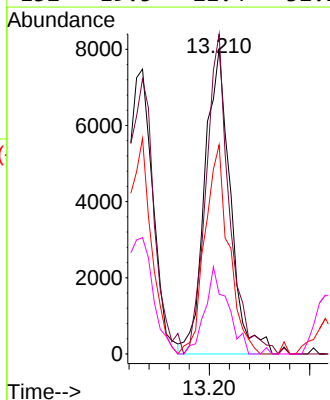
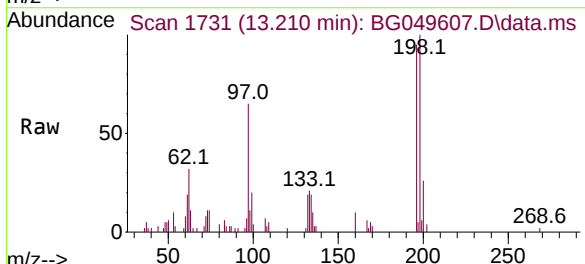
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

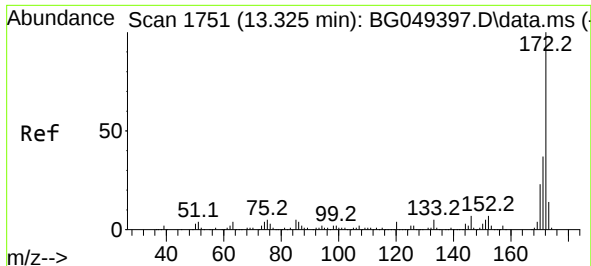
Tgt Ion:196	Resp:	14198
Ion Ratio	Lower	Upper
196	100	
198	104.8	82.1 123.1
200	26.8	23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 8.23 ng
RT: 13.210 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:196	Resp:	14198
Ion Ratio	Lower	Upper
196	100	
198	104.8	87.4 131.0
97	68.5	43.3 64.9#
132	19.5	21.4 32.2#

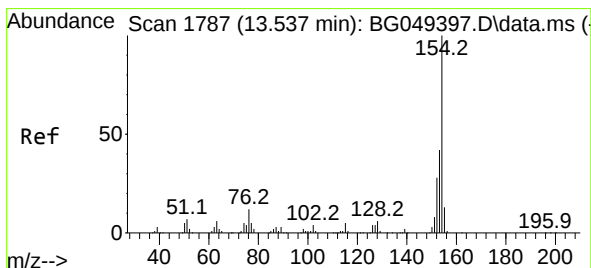
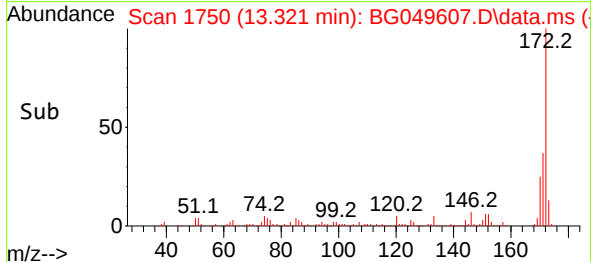
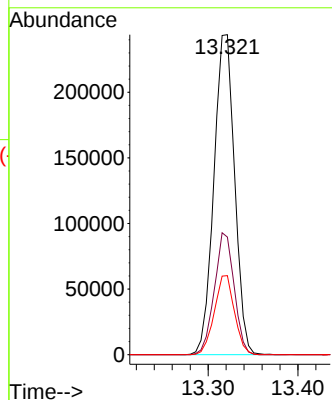
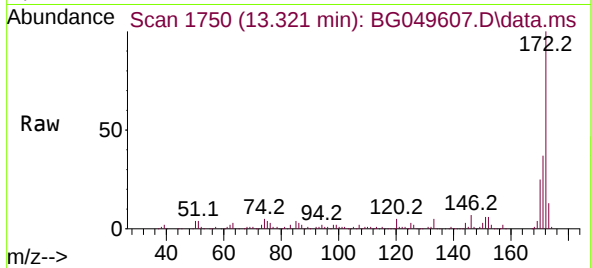




#45
2-Fluorobiphenyl
Concen: 68.17 ng
RT: 13.321 min Scan# 1750
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

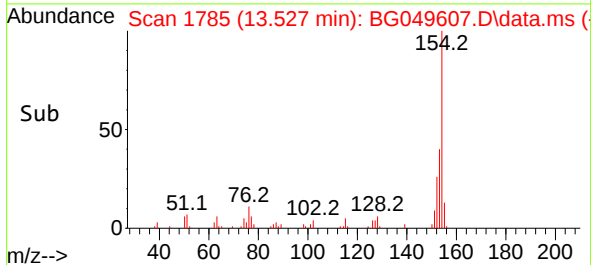
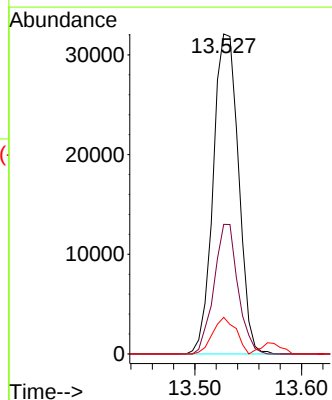
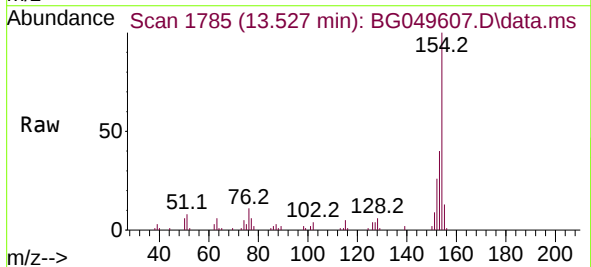
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

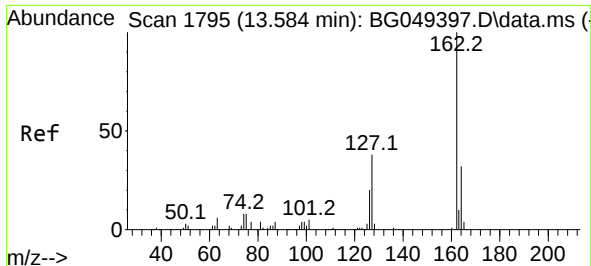
Tgt Ion:172 Resp: 391500
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 8.72 ng
RT: 13.527 min Scan# 1785
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:154 Resp: 52820
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 11.5 0.0 29.3

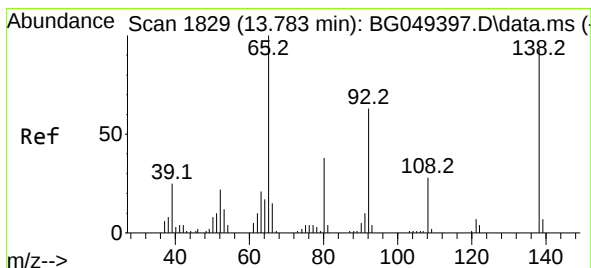
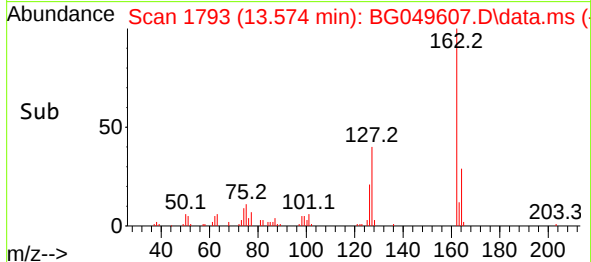
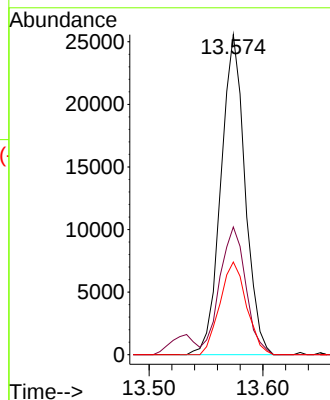
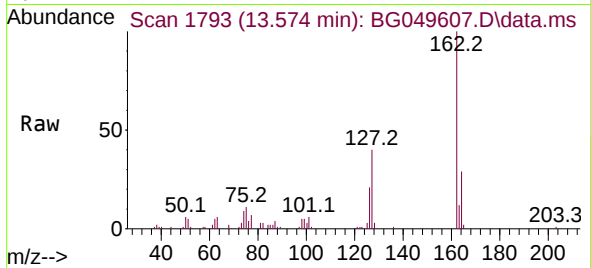




#47
2-Chloronaphthalene
Concen: 8.10 ng
RT: 13.574 min Scan# 1793
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

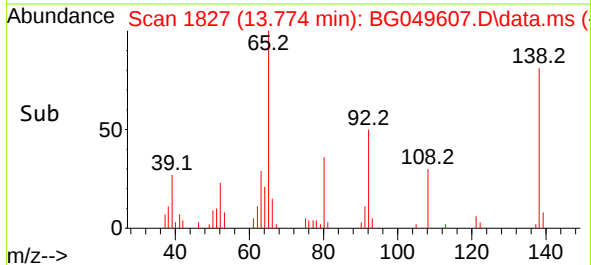
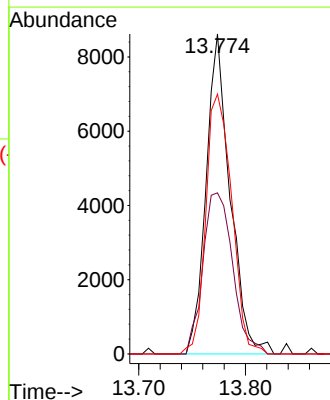
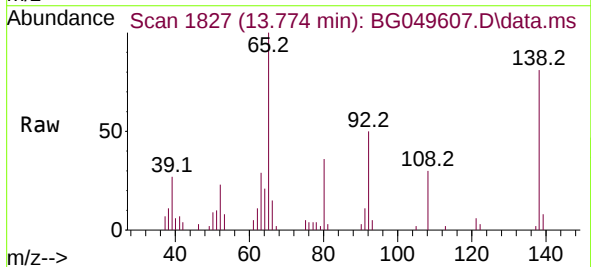
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

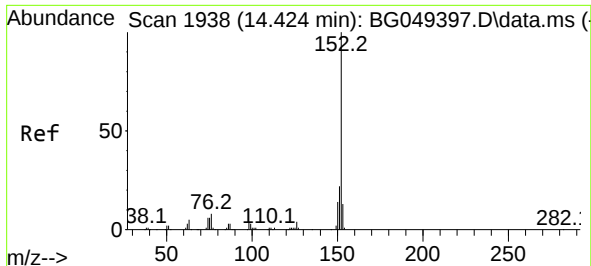
Tgt Ion:162	Resp:	37682
Ion Ratio	Lower	Upper
162	100	
127	39.9	32.7 49.1
164	28.9	27.0 40.4



#48
2-Nitroaniline
Concen: 8.33 ng
RT: 13.774 min Scan# 1827
Delta R.T. -0.009 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 65	Resp:	13486
Ion Ratio	Lower	Upper
65	100	
92	50.3	47.2 70.8
138	81.2	68.0 102.0

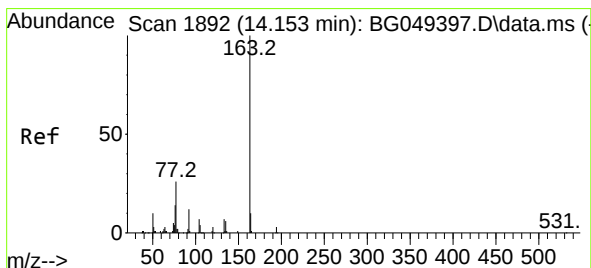
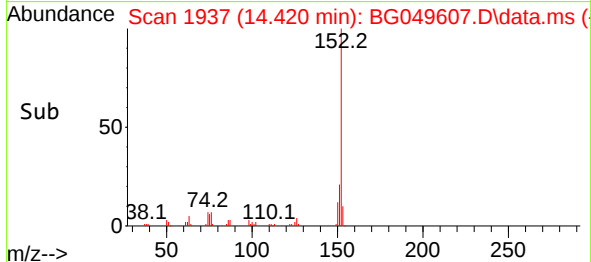
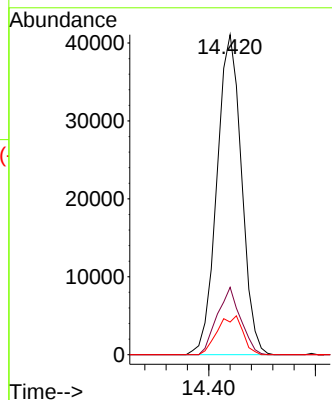
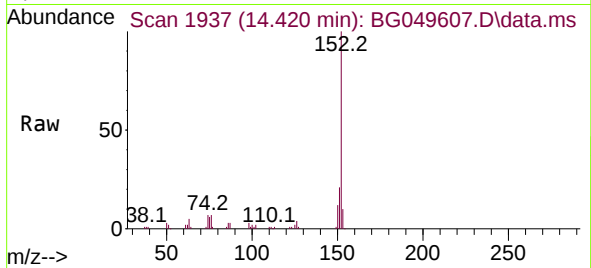




#49
Acenaphthylene
Concen: 8.71 ng
RT: 14.420 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

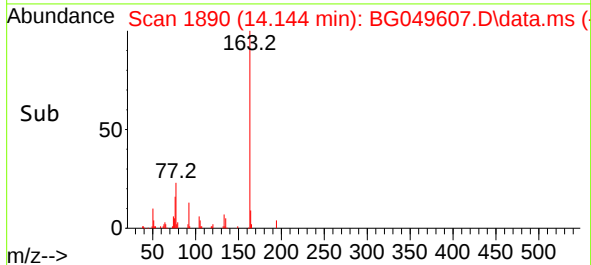
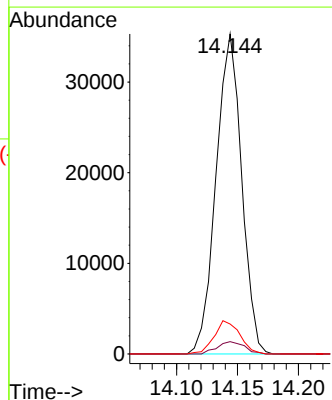
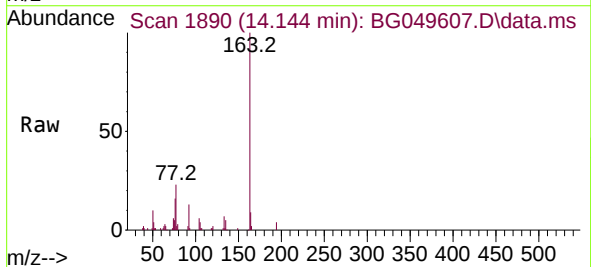
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

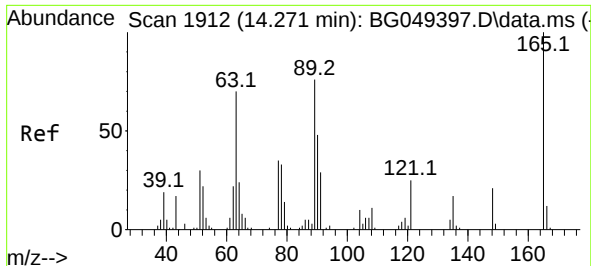
Tgt Ion:152 Resp: 65728
Ion Ratio Lower Upper
152 100
151 21.0 18.2 27.4
153 10.2 11.7 17.5#



#50
Dimethylphthalate
Concen: 8.59 ng
RT: 14.144 min Scan# 1890
Delta R.T. -0.009 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:163 Resp: 51598
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.3 8.6 12.8

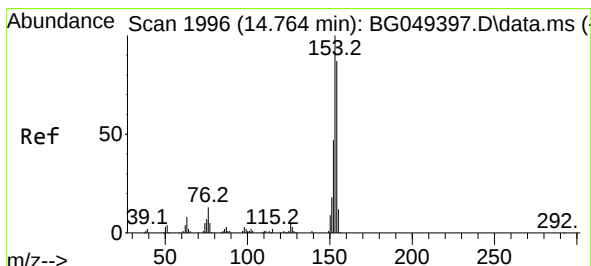
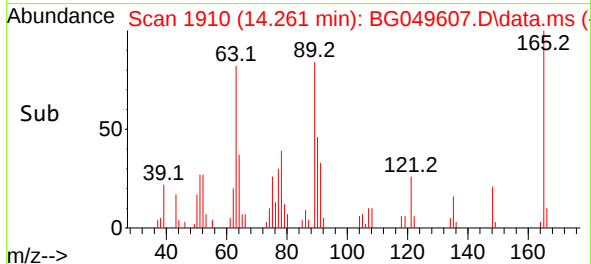
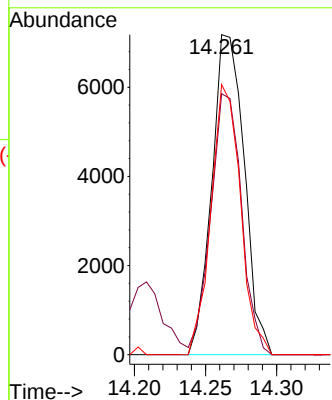
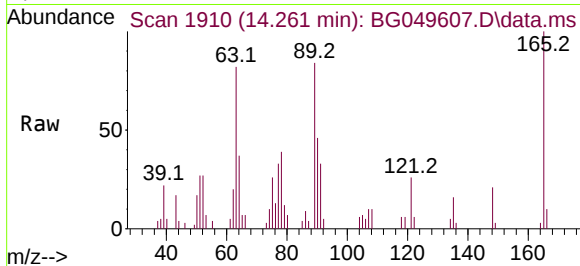




#51
2,6-Dinitrotoluene
Concen: 8.73 ng
RT: 14.261 min Scan# 1910
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

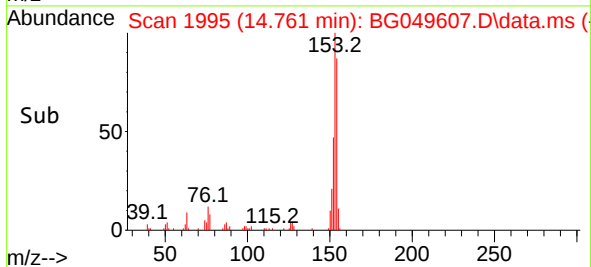
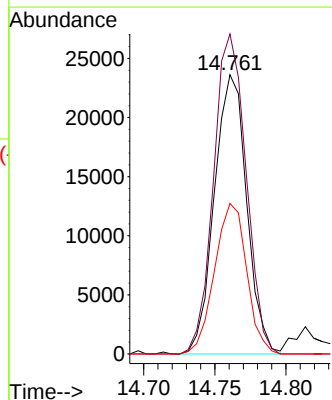
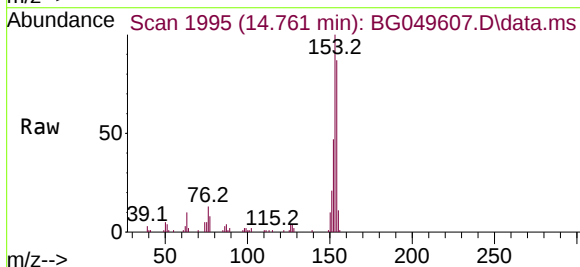
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

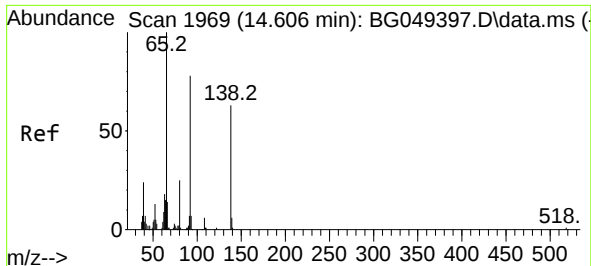
Tgt Ion:165 Resp: 11376
Ion Ratio Lower Upper
165 100
63 81.5 63.3 94.9
89 84.4 63.4 95.0



#52
Acenaphthene
Concen: 8.20 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.003 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:154 Resp: 37355
Ion Ratio Lower Upper
154 100
153 114.6 87.0 130.4
152 53.9 40.1 60.1

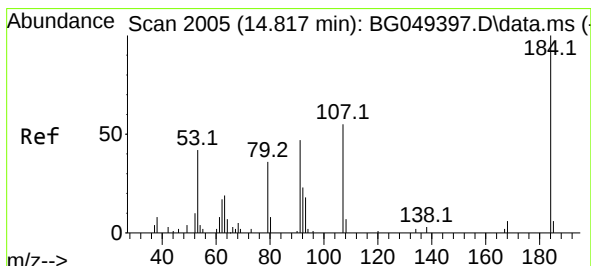
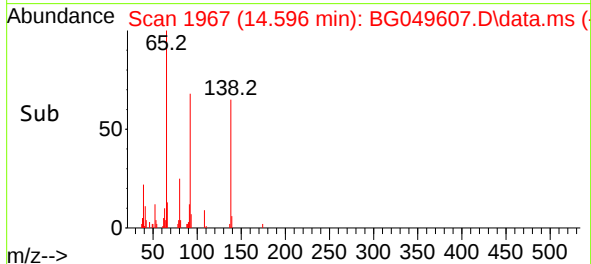
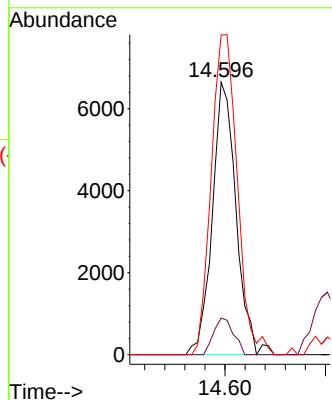
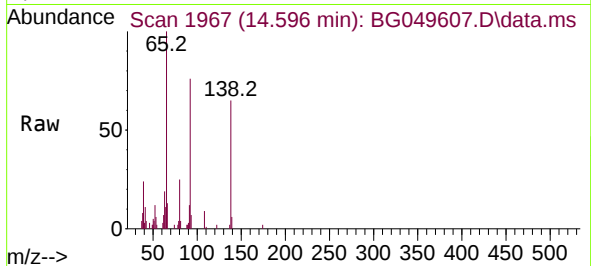




#53
3-Nitroaniline
Concen: 8.36 ng
RT: 14.596 min Scan# 1967
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

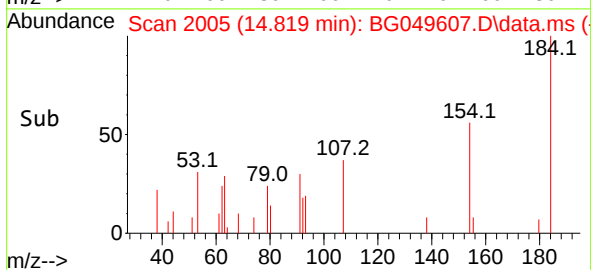
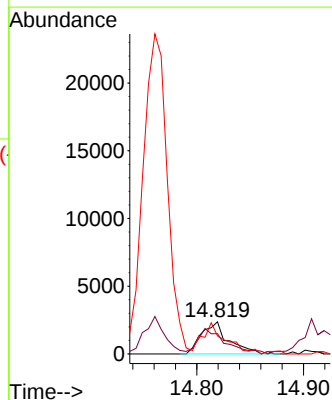
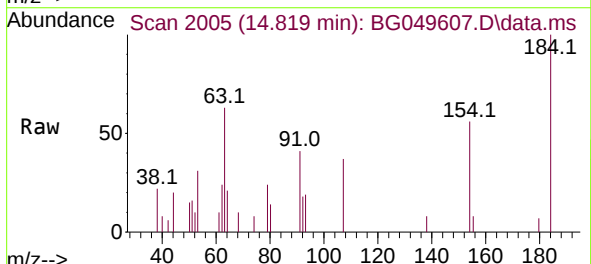
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

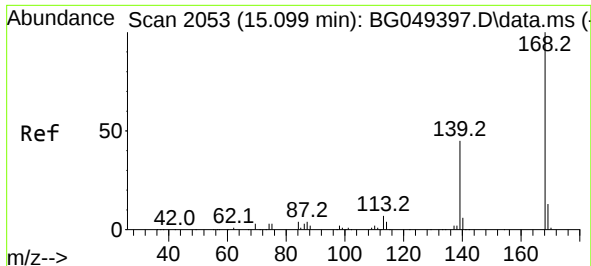
Tgt Ion:138 Resp: 10923
Ion Ratio Lower Upper
138 100
108 13.5 8.3 12.5#
92 117.3 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 7.66 ng
RT: 14.819 min Scan# 2005
Delta R.T. 0.002 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:184 Resp: 4200
Ion Ratio Lower Upper
184 100
63 62.9 68.3 102.5#
154 56.1 62.6 93.8#

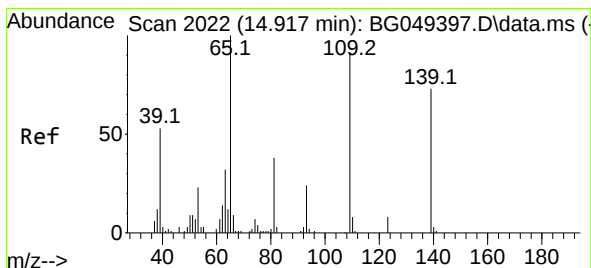
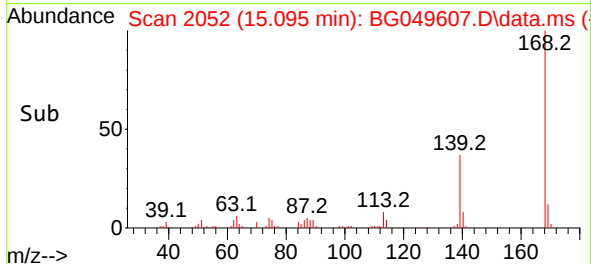
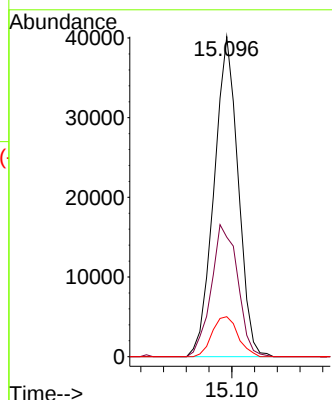
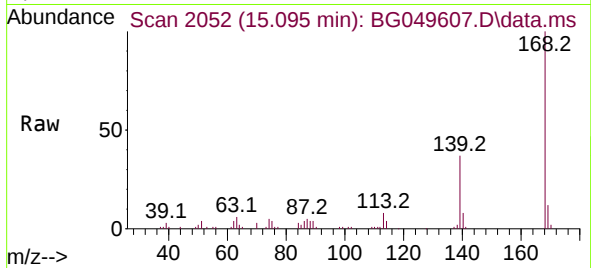




#55
Dibenzenofuran
Concen: 8.08 ng
RT: 15.095 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

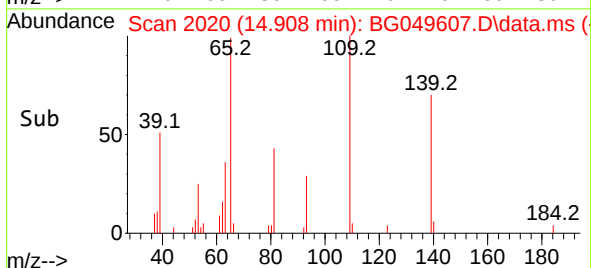
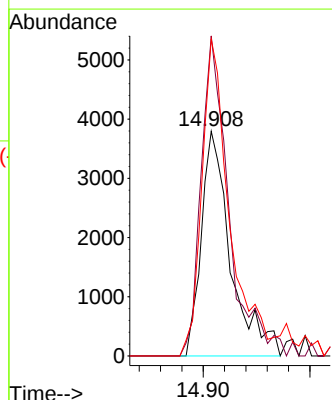
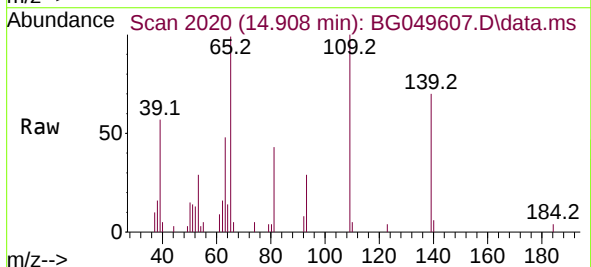
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

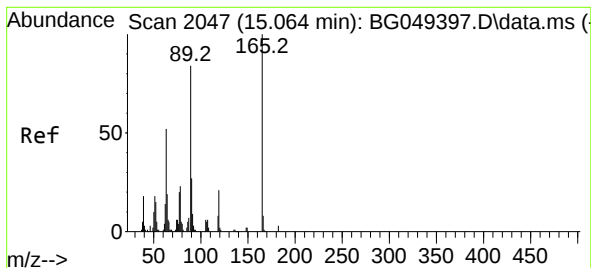
Tgt Ion:168 Resp: 59066
Ion Ratio Lower Upper
168 100
139 37.4 33.4 50.2
169 12.5 12.3 18.5



#56
4-Nitrophenol
Concen: 7.02 ng
RT: 14.908 min Scan# 2020
Delta R.T. -0.009 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:139 Resp: 7233
Ion Ratio Lower Upper
139 100
109 142.4 116.3 156.3
65 141.2 105.0 145.0

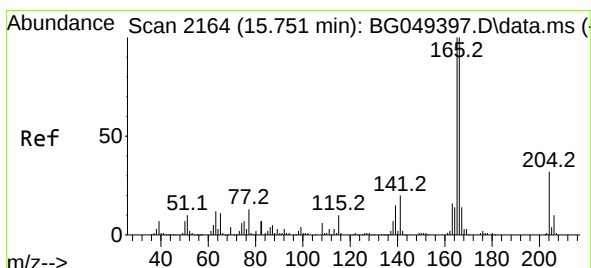
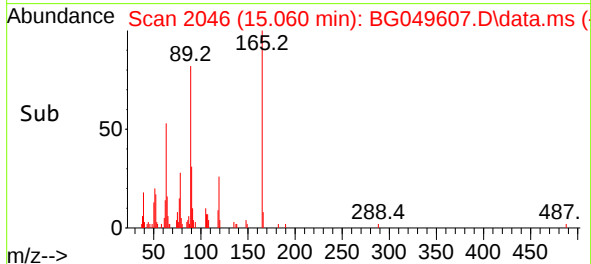
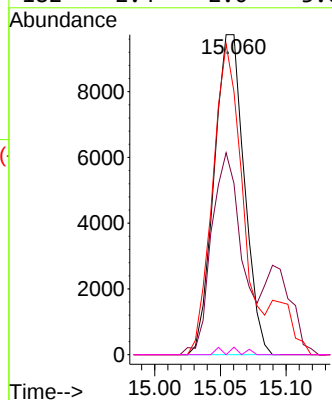
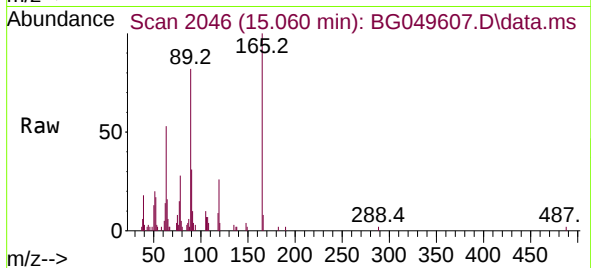




#57
2,4-Dinitrotoluene
Concen: 8.64 ng
RT: 15.060 min Scan# 2046
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

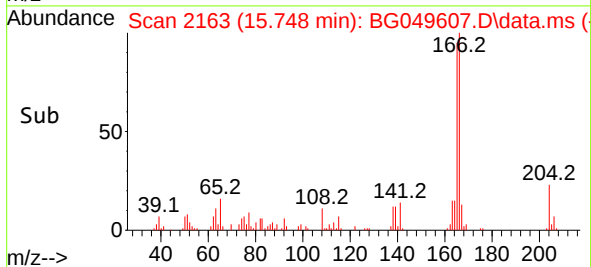
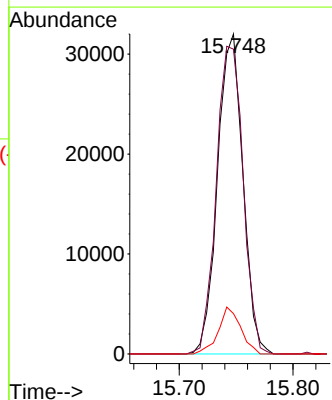
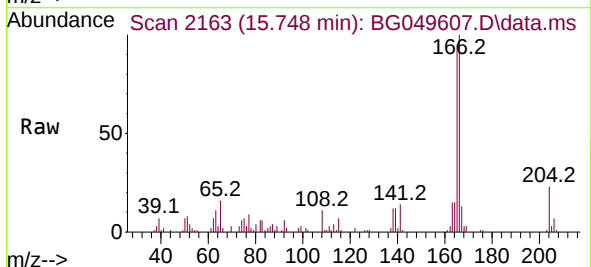
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

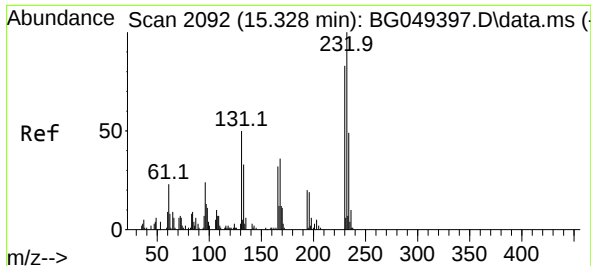
Tgt Ion:165	Resp:	15561
Ion Ratio	Lower	Upper
165	100	
63	53.5	48.0 72.0
89	82.2	65.4 98.0
182	2.4	2.0 3.0



#58
Fluorene
Concen: 8.37 ng
RT: 15.748 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:166	Resp:	49551
Ion Ratio	Lower	Upper
166	100	
165	95.2	77.7 116.5
167	12.6	10.8 16.2

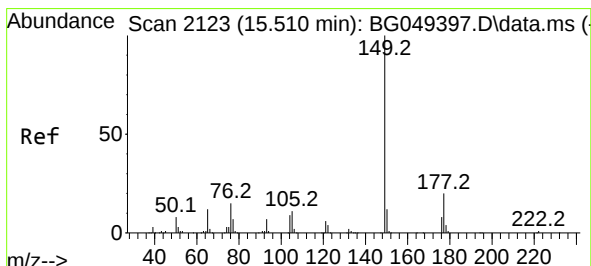
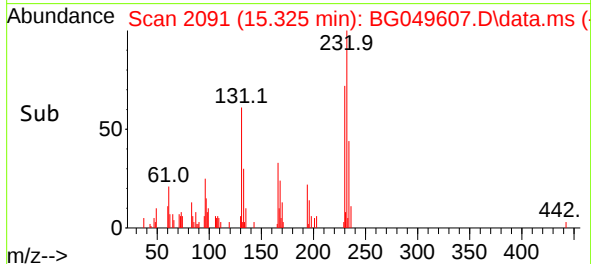
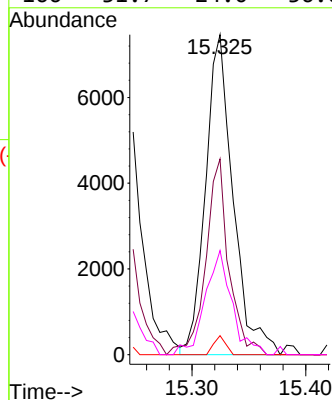
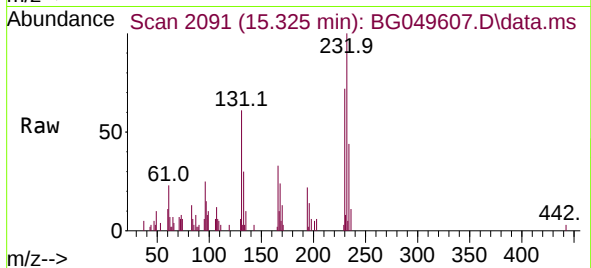




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.95 ng
RT: 15.325 min Scan# 2091
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

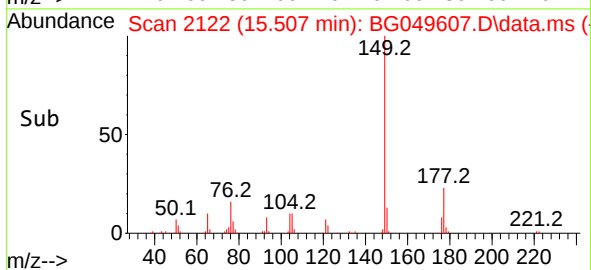
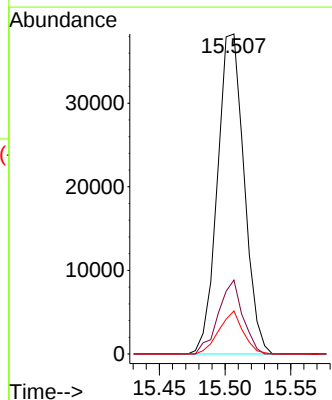
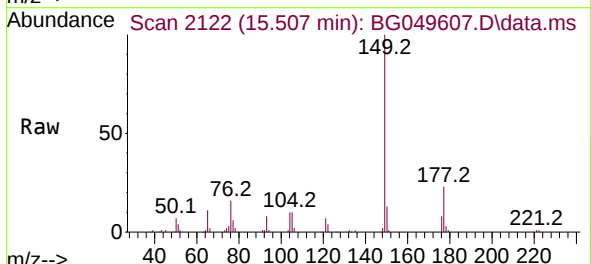
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

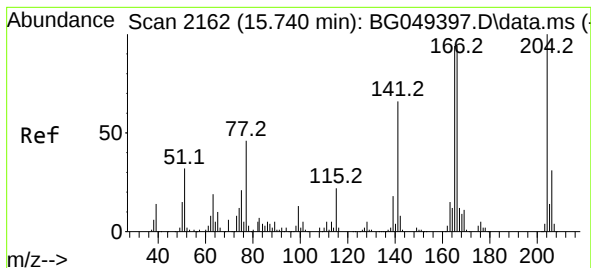
Tgt Ion:232	Resp:	12529
Ion Ratio	Lower	Upper
232	100	
131	51.2	37.2 55.8
130	2.5	2.8 4.2#
166	31.7	24.0 36.0



#60
Diethylphthalate
Concen: 8.96 ng
RT: 15.507 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:149	Resp:	54049
Ion Ratio	Lower	Upper
149	100	
177	23.1	19.0 28.6
150	13.4	10.2 15.4

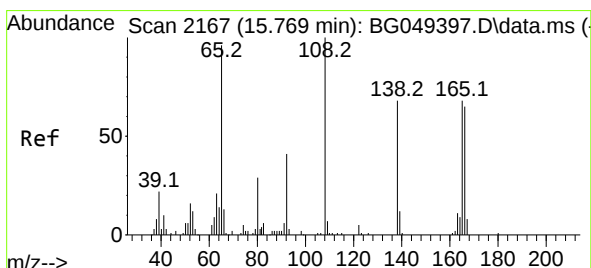
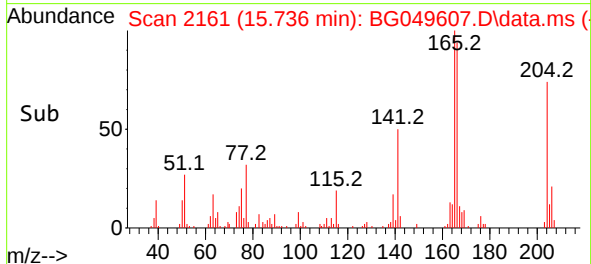
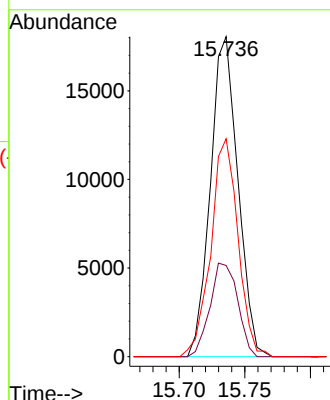
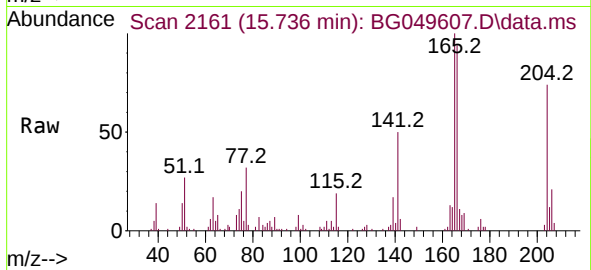




#61
4-Chlorophenyl-phenylether
Concen: 8.72 ng
RT: 15.736 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

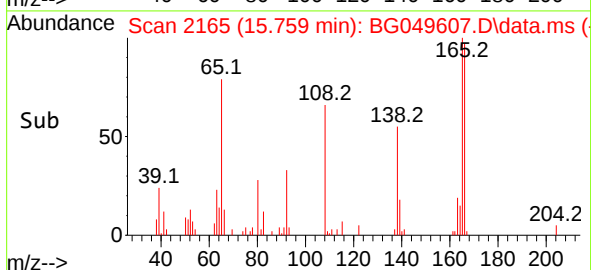
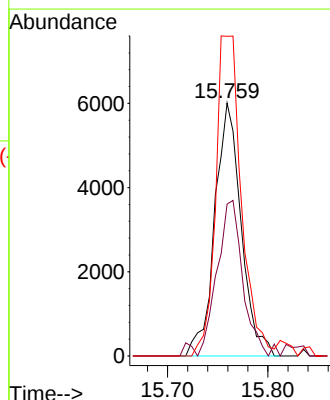
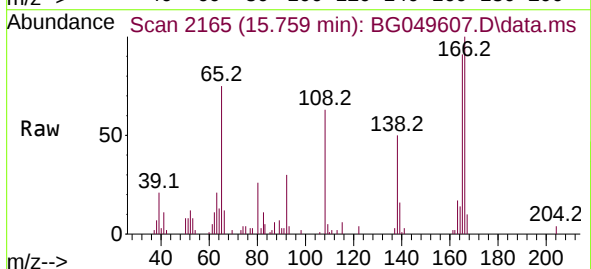
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

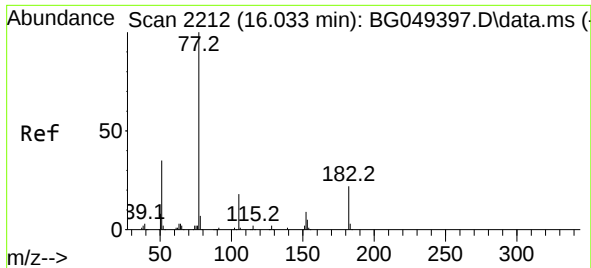
Tgt Ion:204 Resp: 26268
Ion Ratio Lower Upper
204 100
206 28.5 24.6 37.0
141 68.1 47.8 71.8



#62
4-Nitroaniline
Concen: 7.98 ng
RT: 15.759 min Scan# 2165
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:138 Resp: 10982
Ion Ratio Lower Upper
138 100
92 60.0 32.3 72.3
108 126.3 132.4 172.4#

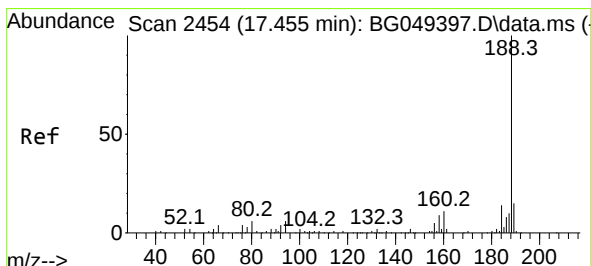
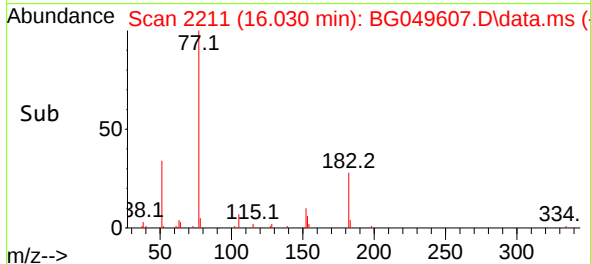
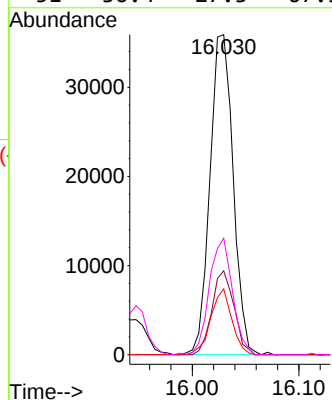
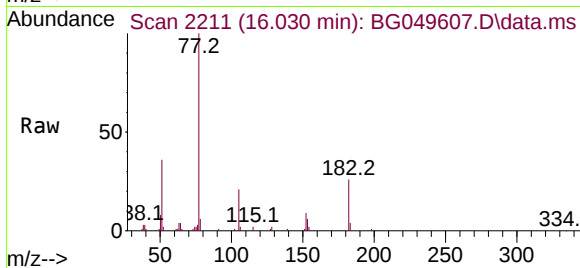




#63
Azobenzene
Concen: 8.13 ng
RT: 16.030 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

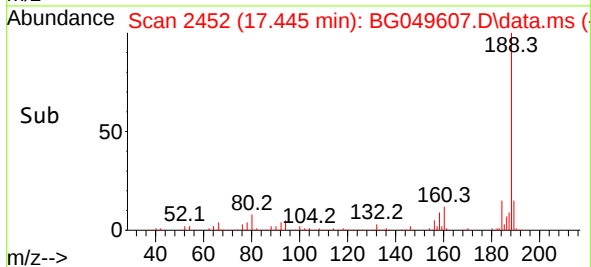
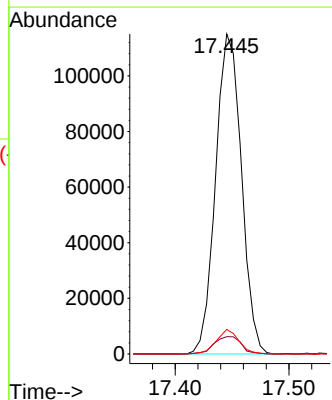
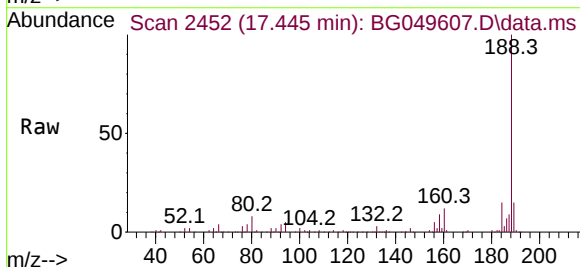
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

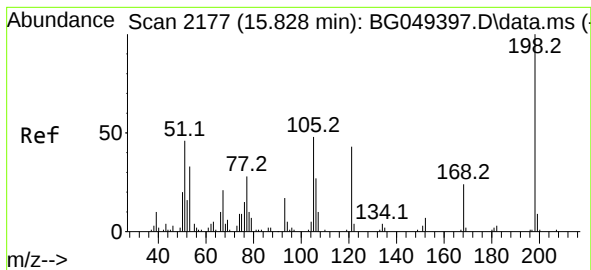
Tgt Ion: 77	Resp: 54257
Ion Ratio	Lower Upper
77 100	
182 26.2	7.9 47.9
105 20.6	0.0 37.9
51 36.4	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.445 min Scan# 2452
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion: 188	Resp: 181340
Ion Ratio	Lower Upper
188 100	
94 5.4	5.4 8.0
80 7.6	3.7 5.5#

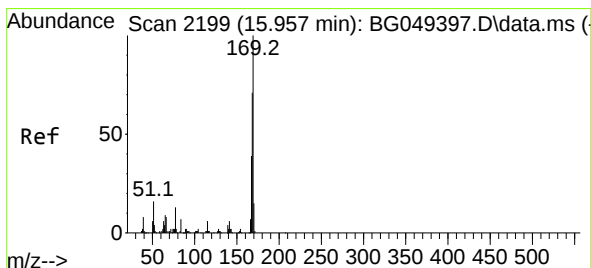
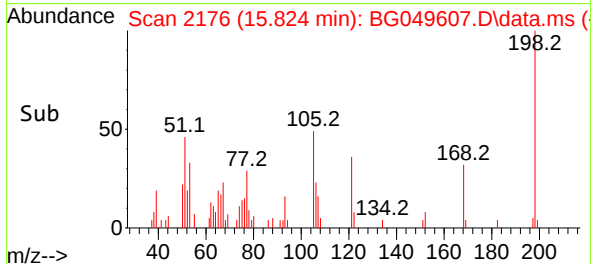
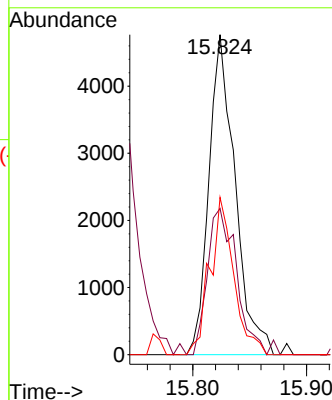
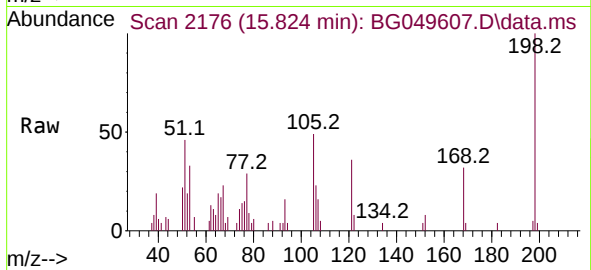




#65
4,6-Dinitro-2-methylphenol
Concen: 7.77 ng
RT: 15.824 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

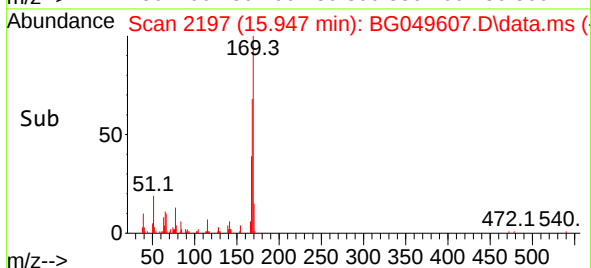
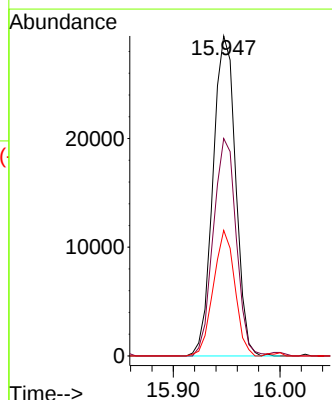
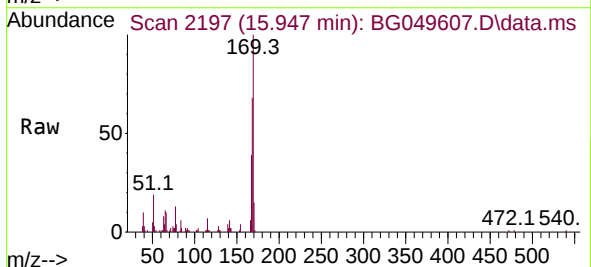
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

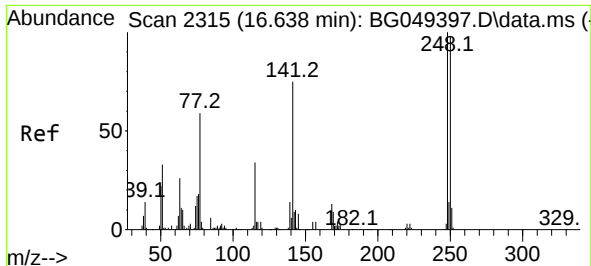
Tgt Ion:198 Resp: 7633
Ion Ratio Lower Upper
198 100
51 45.7 29.4 69.4
105 49.2 15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 8.32 ng
RT: 15.947 min Scan# 2197
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:169 Resp: 43333
Ion Ratio Lower Upper
169 100
168 68.0 56.3 84.5
167 39.3 28.4 42.6

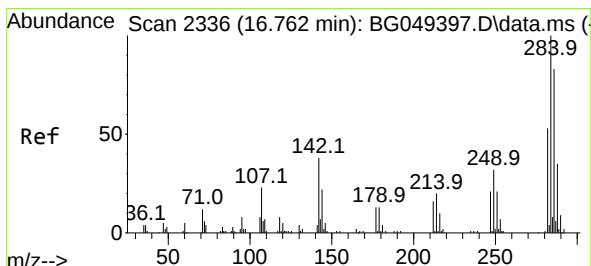
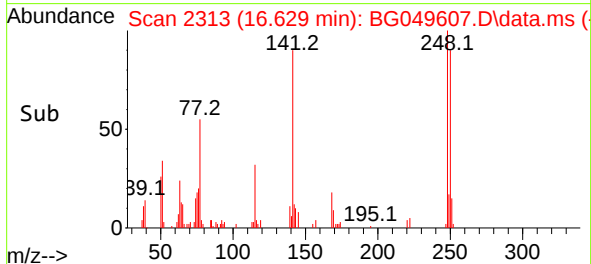
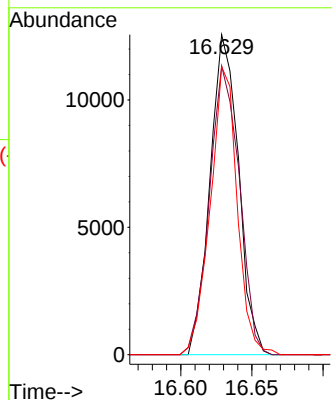
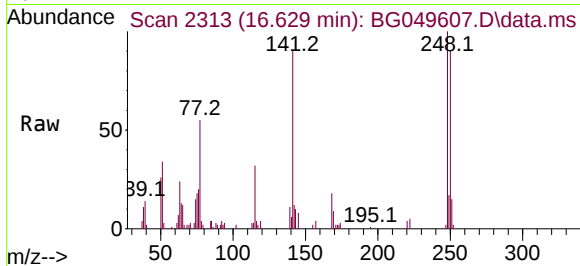




#67
4-Bromophenyl-phenylether
Concen: 8.52 ng
RT: 16.629 min Scan# 2313
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

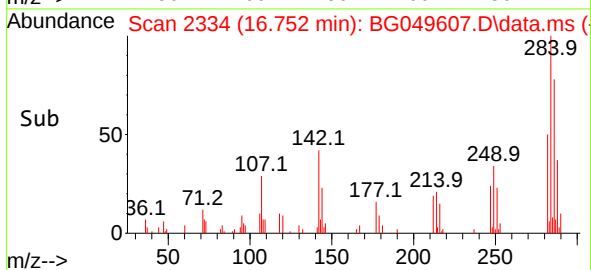
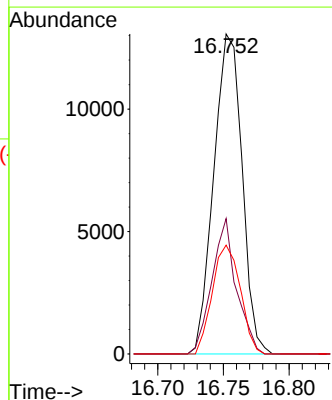
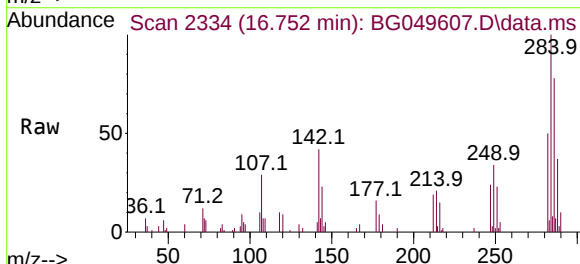
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

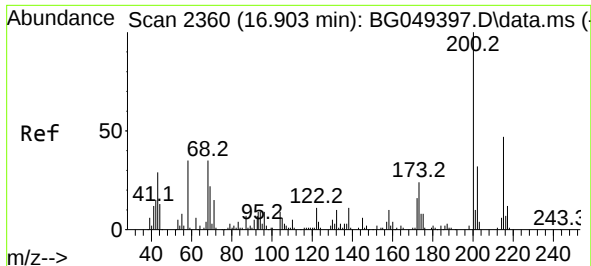
Tgt Ion:248 Resp: 17500
Ion Ratio Lower Upper
248 100
250 90.2 76.1 114.1
141 90.0 65.4 98.2



#68
Hexachlorobenzene
Concen: 8.42 ng
RT: 16.752 min Scan# 2334
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:284 Resp: 19573
Ion Ratio Lower Upper
284 100
142 42.3 27.0 40.6#
249 34.0 28.2 42.2

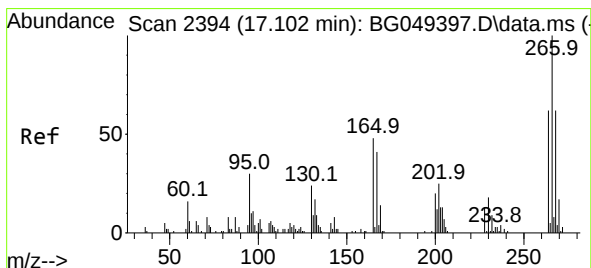
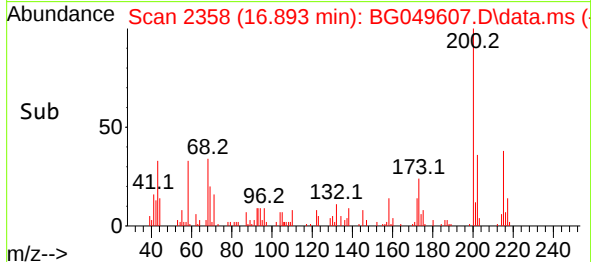
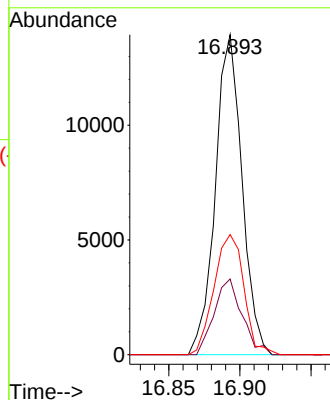
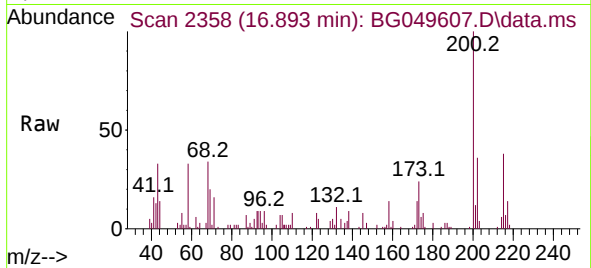




#69
Atrazine
Concen: 8.81 ng
RT: 16.893 min Scan# 2358
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

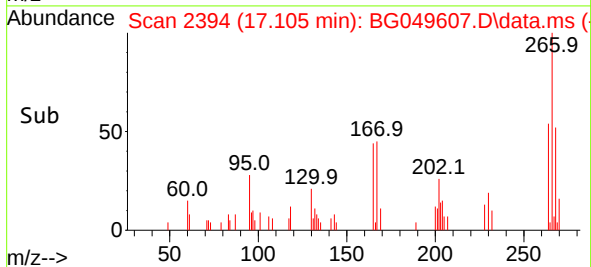
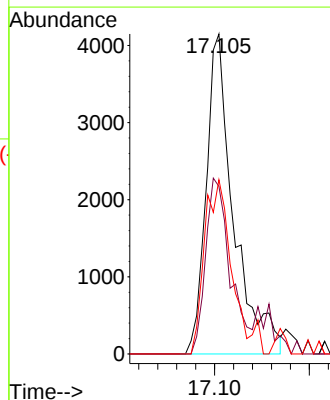
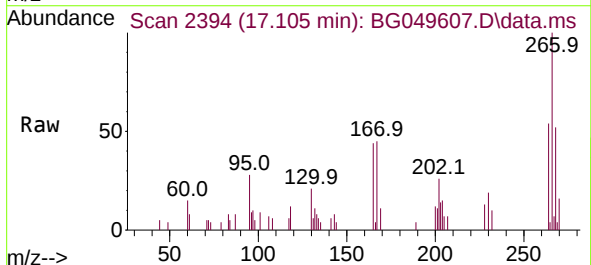
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

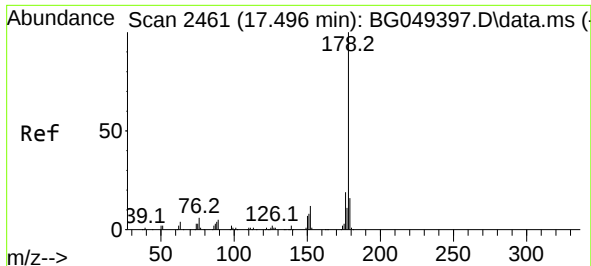
Tgt Ion:200 Resp: 18174
Ion Ratio Lower Upper
200 100
173 23.7 3.7 43.7
215 37.5 26.9 66.9



#70
Pentachlorophenol
Concen: 7.99 ng
RT: 17.105 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:266 Resp: 8349
Ion Ratio Lower Upper
266 100
268 52.4 49.0 73.4
264 54.4 49.0 73.6

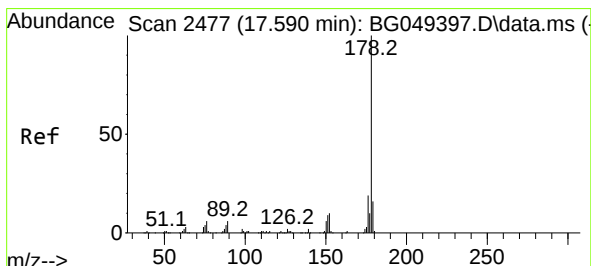
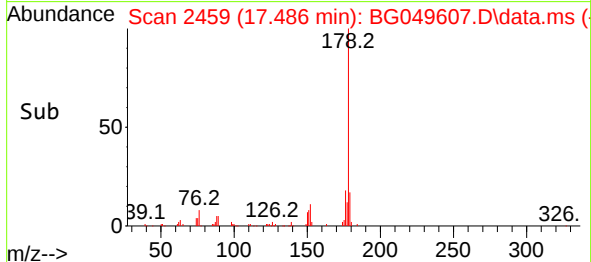
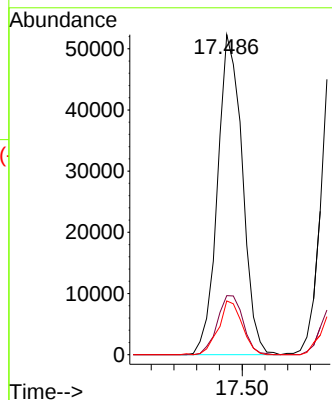
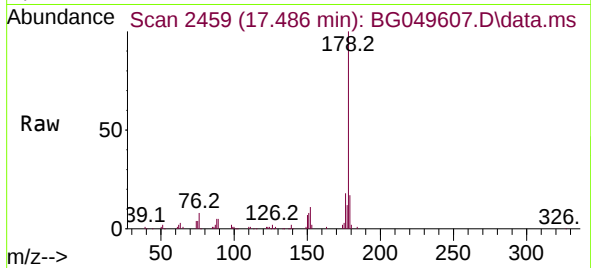




#71
Phenanthrene
Concen: 8.11 ng
RT: 17.486 min Scan# 2459
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

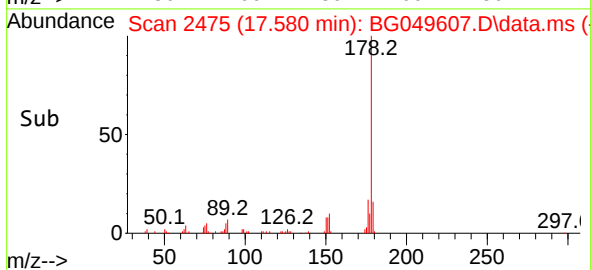
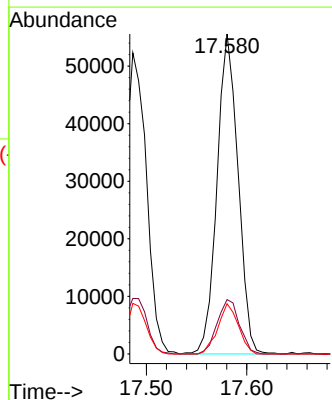
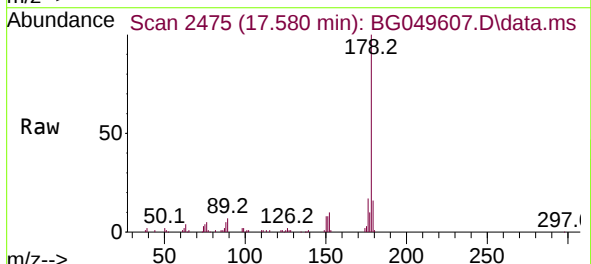
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

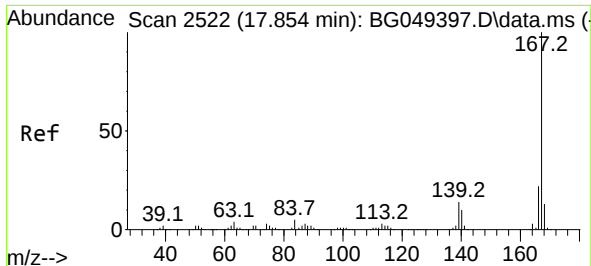
Tgt Ion:178 Resp: 79052
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 16.8 14.2 21.4



#72
Anthracene
Concen: 8.45 ng
RT: 17.580 min Scan# 2475
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:178 Resp: 80913
Ion Ratio Lower Upper
178 100
176 17.0 14.6 21.8
179 15.7 13.4 20.0

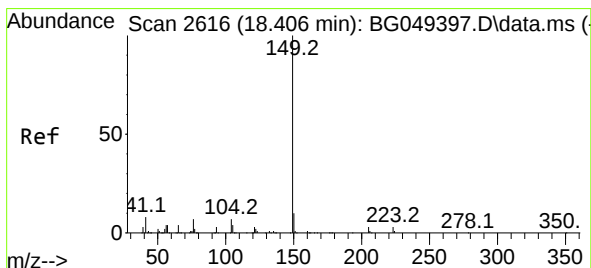
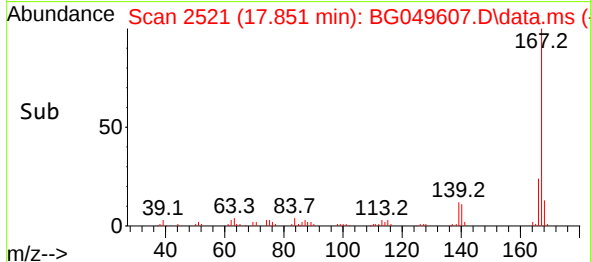
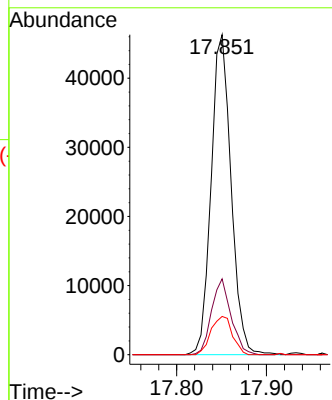
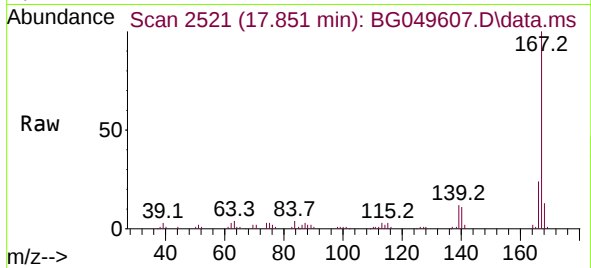




#73
 Carbazole
 Concen: 7.84 ng
 RT: 17.851 min Scan# 2521
 Delta R.T. -0.004 min
 Lab File: BG049607.D
 Acq: 2 Aug 2021 18:50

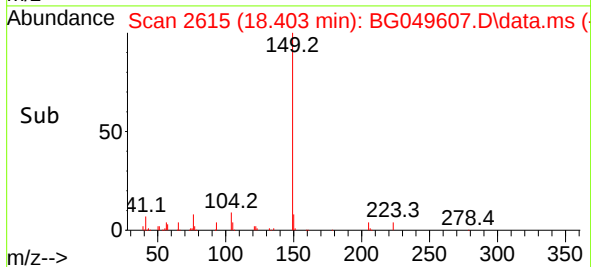
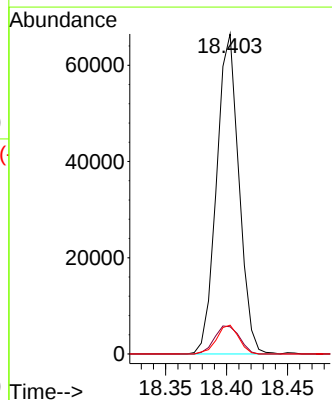
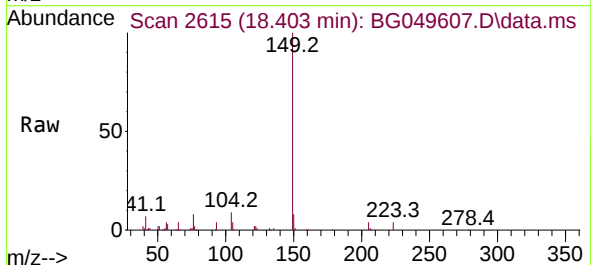
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

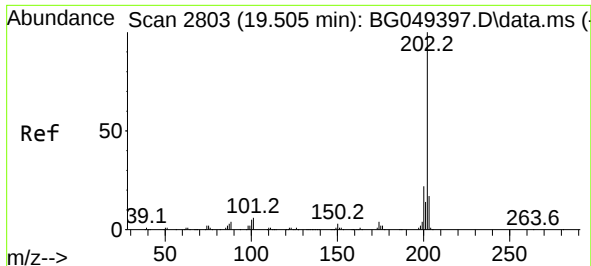
Tgt Ion:167 Resp: 71472
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.4 26.2
 139 12.0 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 8.16 ng
 RT: 18.403 min Scan# 2615
 Delta R.T. -0.004 min
 Lab File: BG049607.D
 Acq: 2 Aug 2021 18:50

Tgt Ion:149 Resp: 84812
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.5 11.3
 104 9.0 6.6 10.0

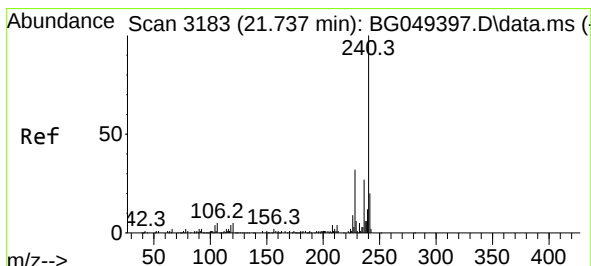
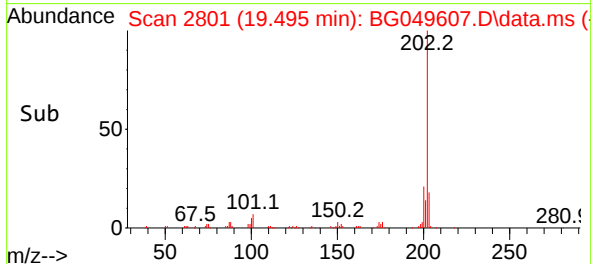
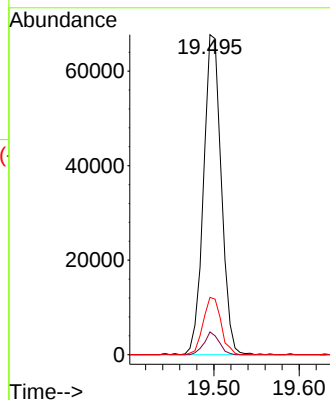
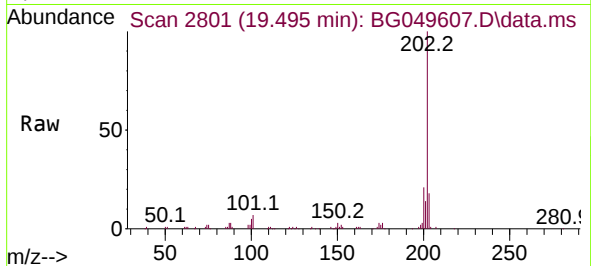




#75
Fluoranthene
Concen: 8.06 ng
RT: 19.495 min Scan# 2801
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

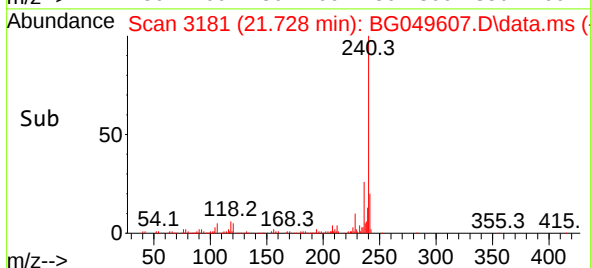
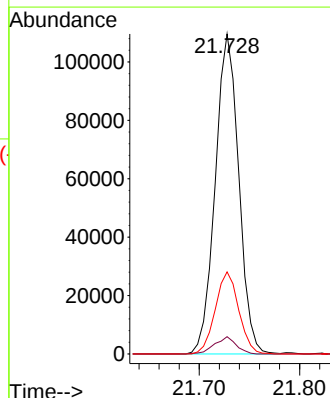
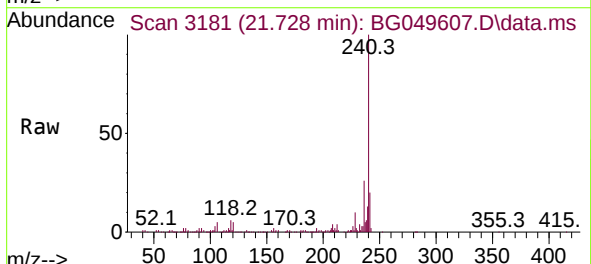
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

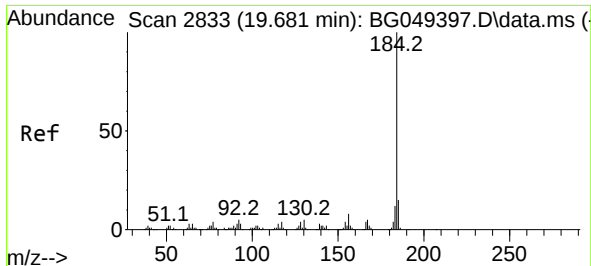
Tgt Ion:202	Resp:	97770
Ion Ratio	Lower	Upper
202	100	
101	7.1	0.0 24.7
203	17.9	0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.728 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:240	Resp:	177993
Ion Ratio	Lower	Upper
240	100	
120	5.4	4.2 6.2
236	25.7	21.8 32.6

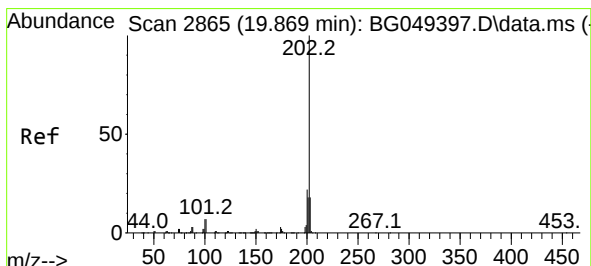
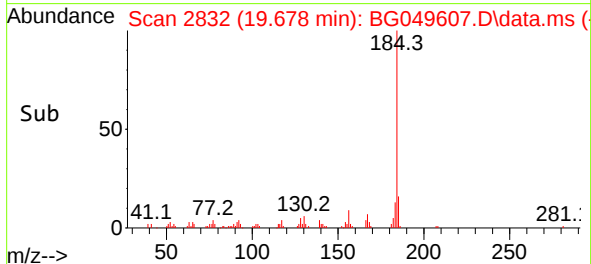
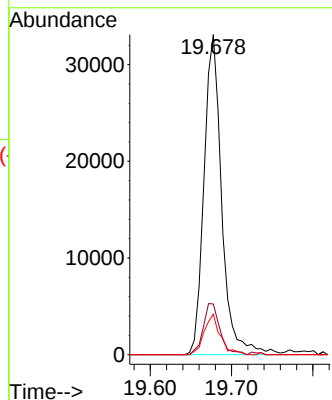
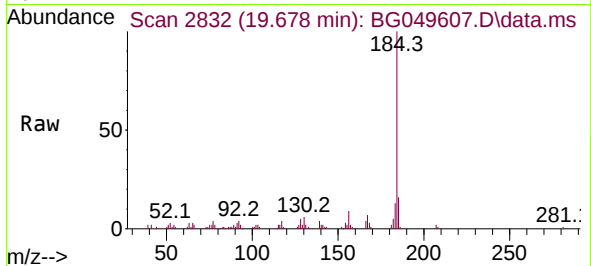




#77
Benzidine
Concen: 10.18 ng
RT: 19.678 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

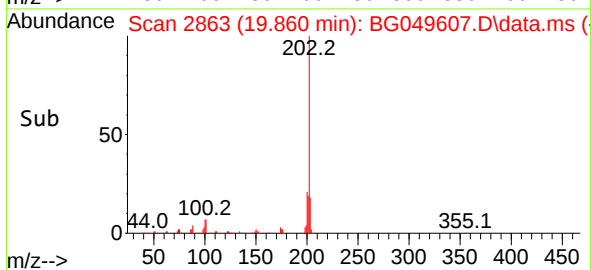
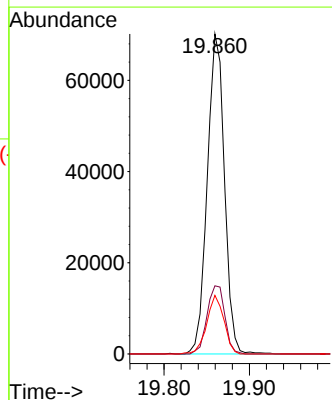
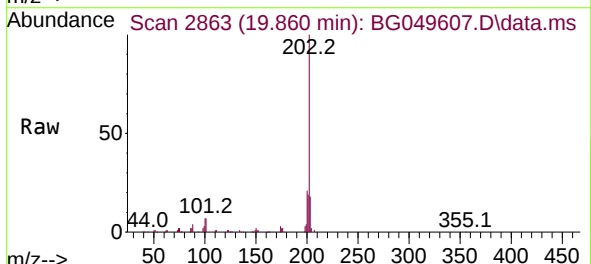
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

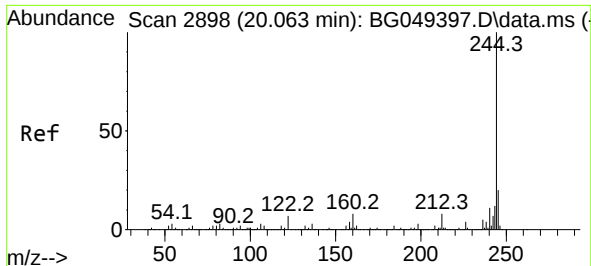
Tgt Ion:184 Resp: 50143
Ion Ratio Lower Upper
184 100
185 15.8 10.7 16.1
183 12.6 9.4 14.0



#78
Pyrene
Concen: 8.42 ng
RT: 19.860 min Scan# 2863
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:202 Resp: 98369
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.8
203 18.3 14.6 21.8

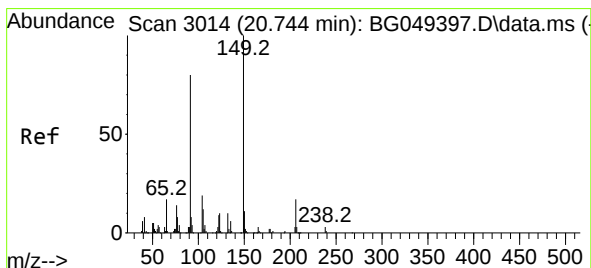
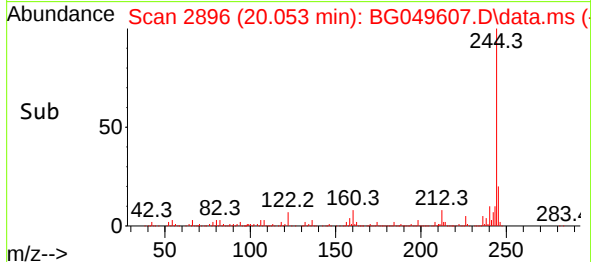
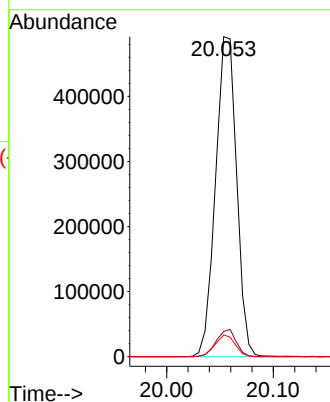
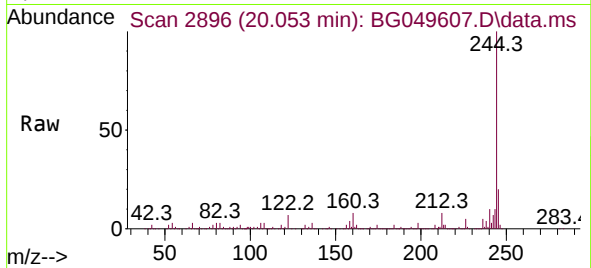




#79
 Terphenyl-d14
 Concen: 74.03 ng
 RT: 20.053 min Scan# 2896
 Delta R.T. -0.010 min
 Lab File: BG049607.D
 Acq: 2 Aug 2021 18:50

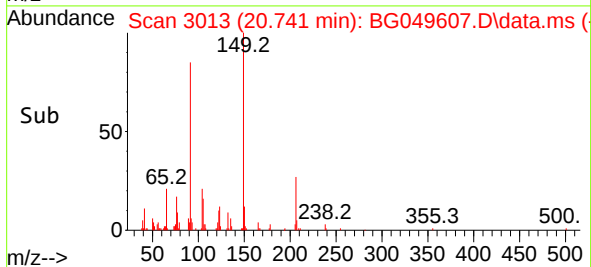
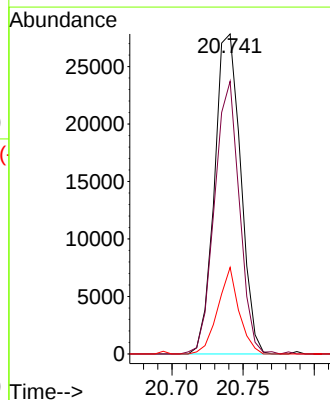
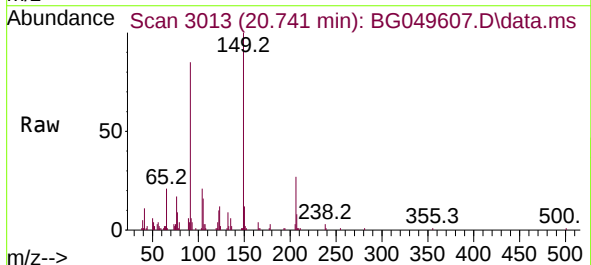
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

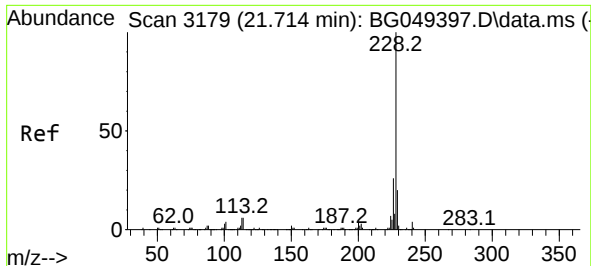
Tgt Ion:244 Resp: 674714
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 6.8 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 8.37 ng
 RT: 20.741 min Scan# 3013
 Delta R.T. -0.004 min
 Lab File: BG049607.D
 Acq: 2 Aug 2021 18:50

Tgt Ion:149 Resp: 35572
 Ion Ratio Lower Upper
 149 100
 91 85.2 63.4 95.2
 206 27.1 18.4 27.6

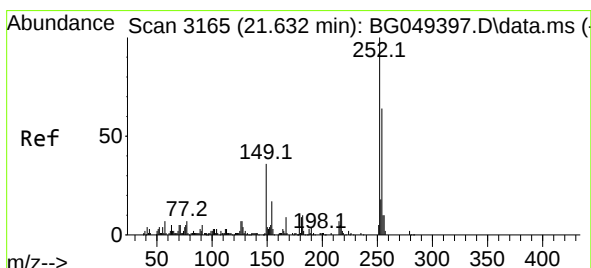
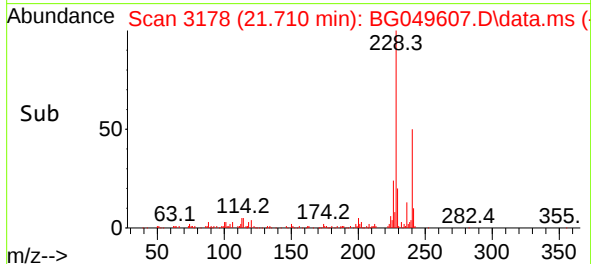
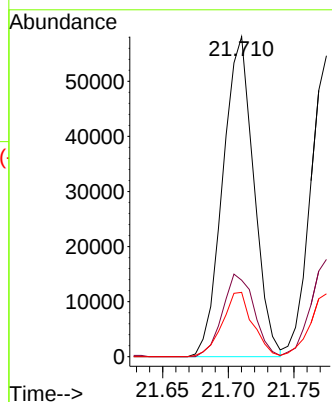
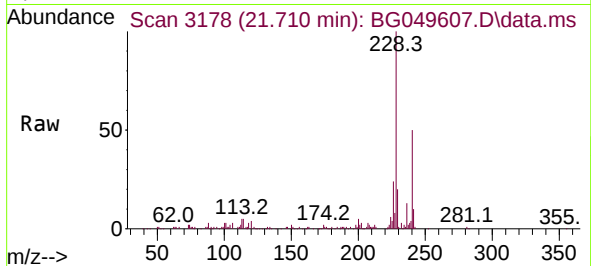




#81
Benzo(a)anthracene
Concen: 8.46 ng
RT: 21.710 min Scan# 3178
Delta R.T. -0.004 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

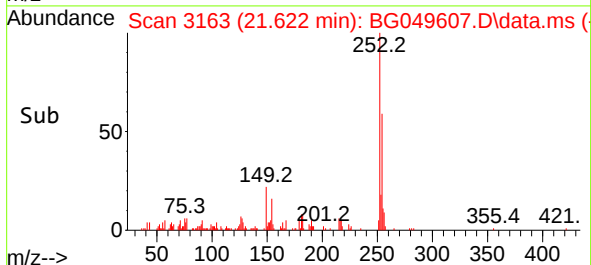
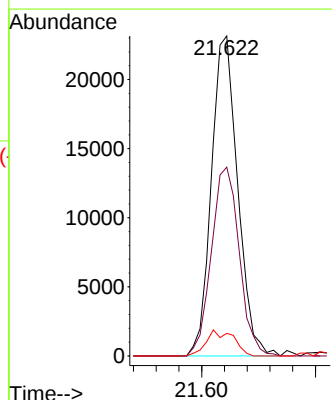
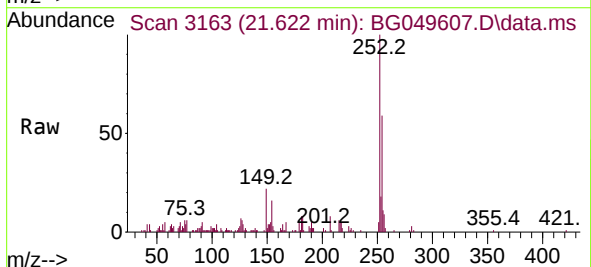
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

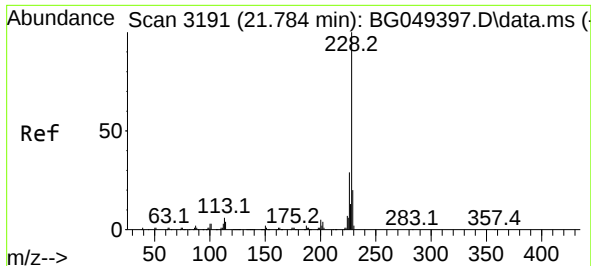
Tgt Ion:228 Resp: 95339
Ion Ratio Lower Upper
228 100
226 23.9 22.7 34.1
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 11.44 ng
RT: 21.622 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:252 Resp: 37199
Ion Ratio Lower Upper
252 100
254 59.0 52.4 78.6
126 7.1 5.9 8.9

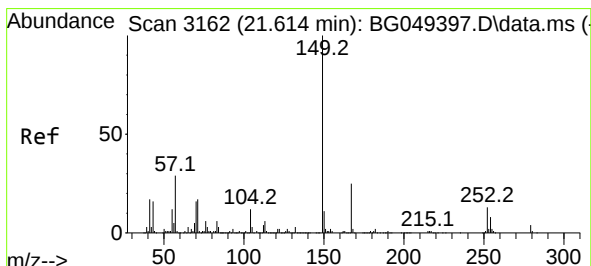
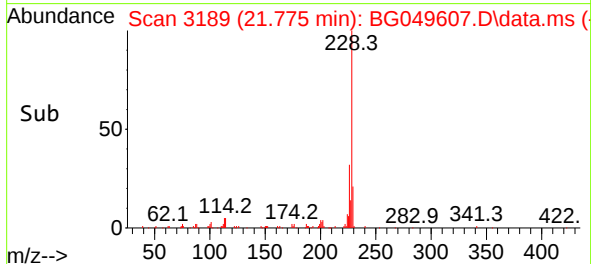
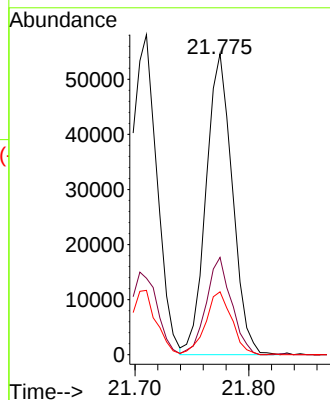
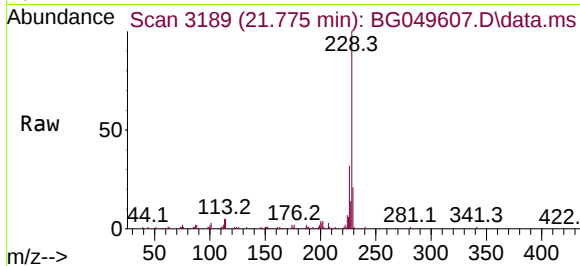




#83
Chrysene
Concen: 8.08 ng
RT: 21.775 min Scan# 3189
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

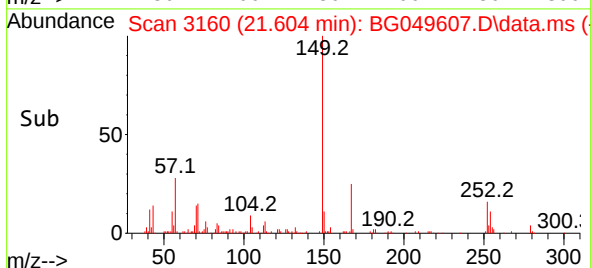
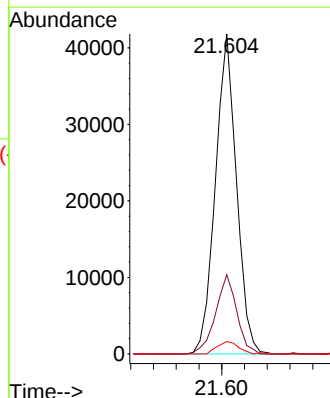
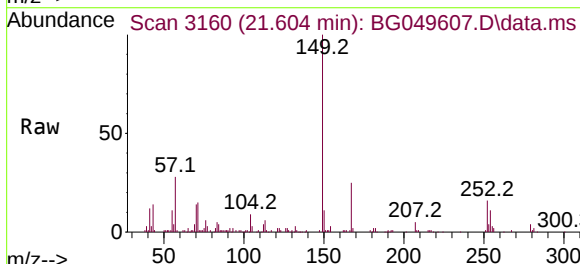
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

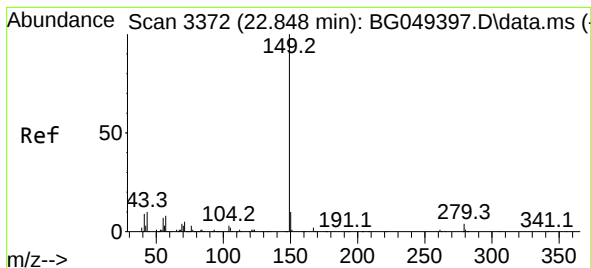
Tgt Ion:	228	Resp:	87888
Ion Ratio	Lower	Upper	
228	100		
226	32.3	23.1	34.7
229	20.9	15.3	22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.45 ng
RT: 21.604 min Scan# 3160
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:	149	Resp:	53823
Ion Ratio	Lower	Upper	
149	100		
167	24.8	22.3	33.5
279	3.8	3.8	5.8

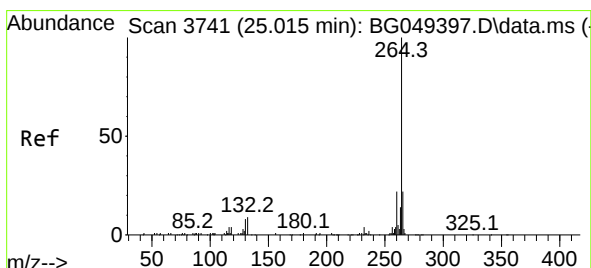
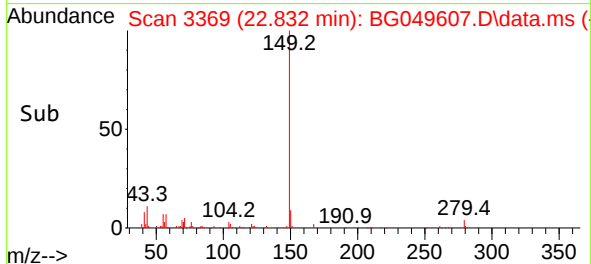
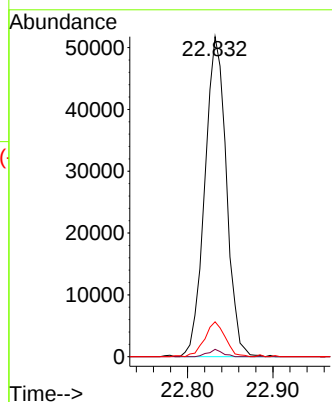
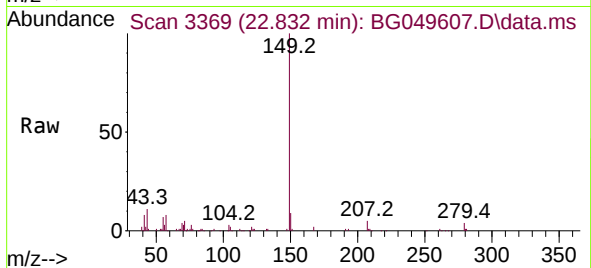




#85
Di-n-octyl phthalate
Concen: 8.26 ng
RT: 22.832 min Scan# 3369
Delta R.T. -0.015 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

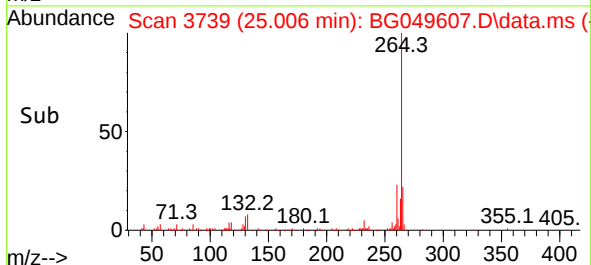
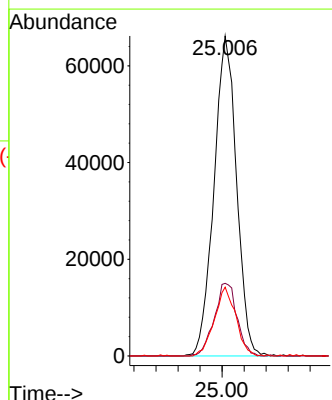
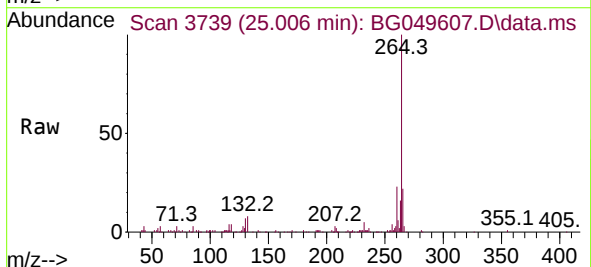
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

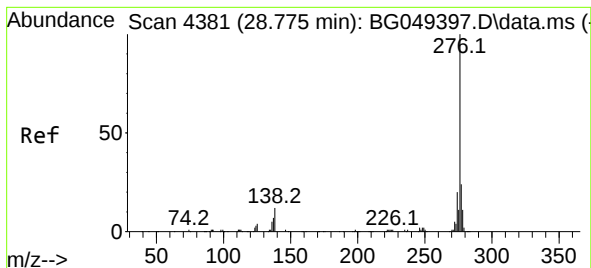
Tgt Ion:149 Resp: 90899
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.2
43 10.5 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.006 min Scan# 3739
Delta R.T. -0.010 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:264 Resp: 188316
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.5 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.16 ng

RT: 28.753 min Scan# 4377

Delta R.T. -0.021 min

Lab File: BG049607.D

Acq: 2 Aug 2021 18:50

Tgt Ion:276 Resp: 108814

Ion Ratio Lower Upper

276 100

138 7.3 5.1 7.7

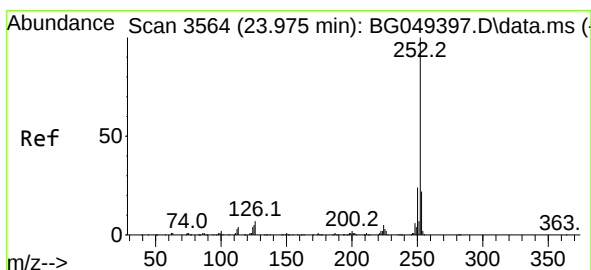
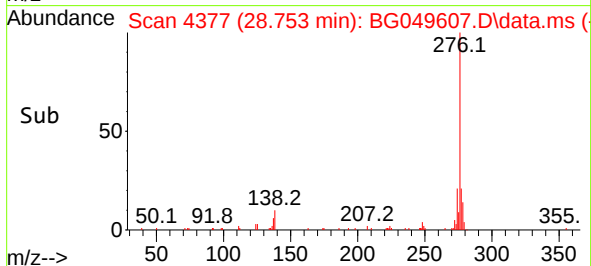
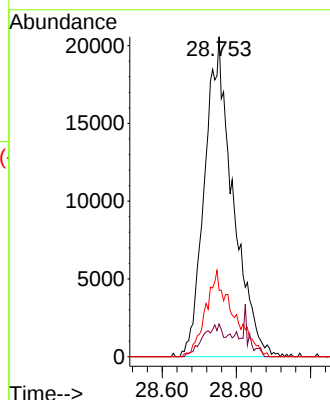
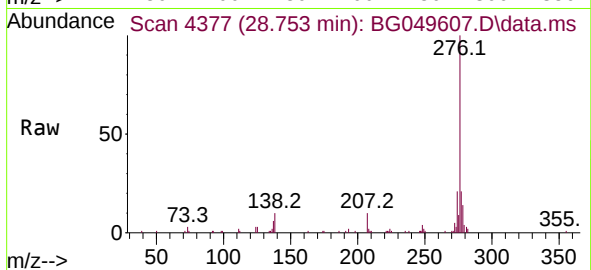
277 22.8 19.8 29.6

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#88

Benzo(b)fluoranthene

Concen: 7.69 ng

RT: 24.030 min Scan# 3573

Delta R.T. 0.055 min

Lab File: BG049607.D

Acq: 2 Aug 2021 18:50

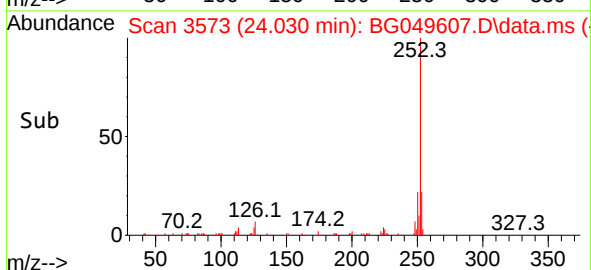
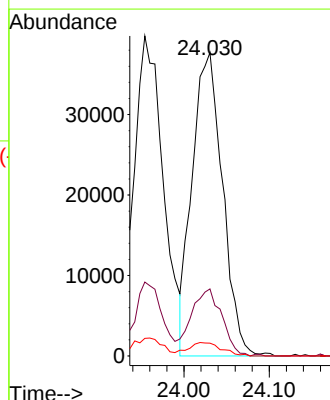
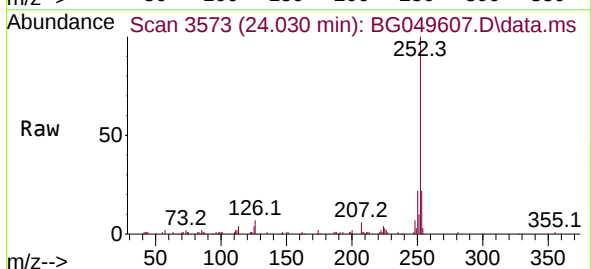
Tgt Ion:252 Resp: 93315

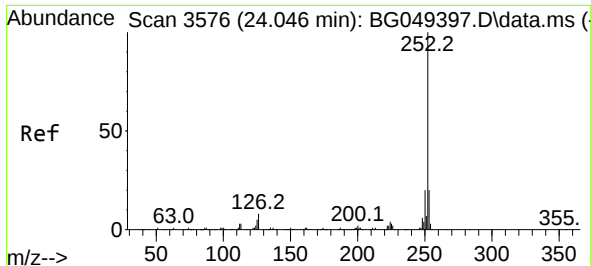
Ion Ratio Lower Upper

252 100

253 22.1 16.2 24.4

125 4.2 3.0 4.4

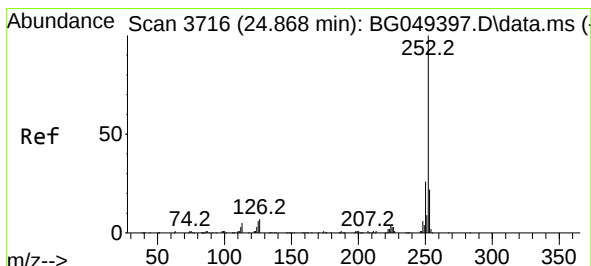
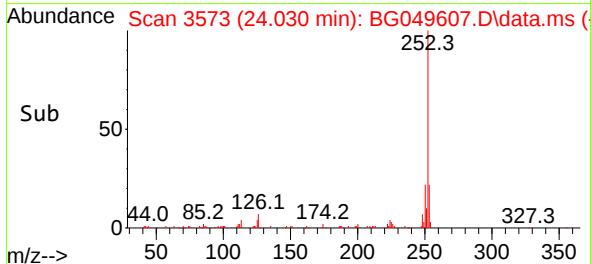
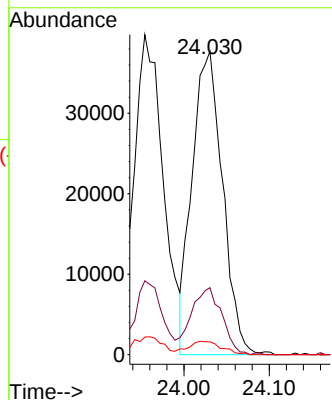
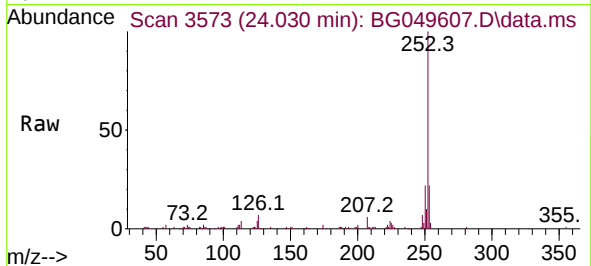




#89
Benzo(k)fluoranthene
Concen: 8.27 ng
RT: 24.030 min Scan# 3573
Delta R.T. -0.015 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

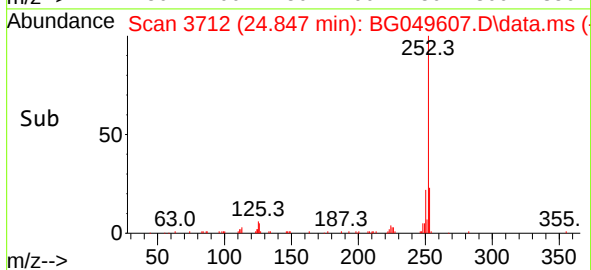
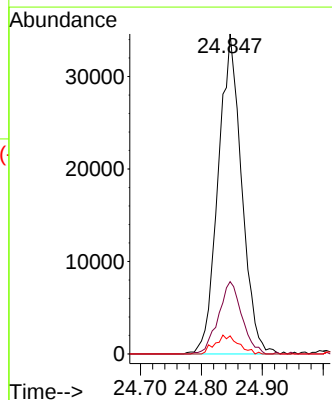
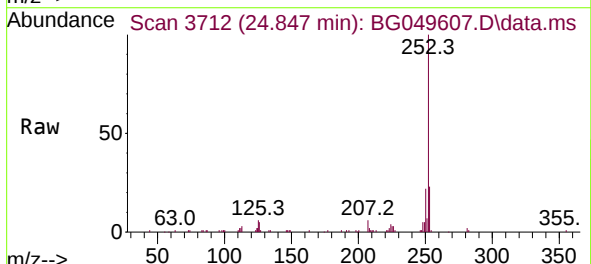
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

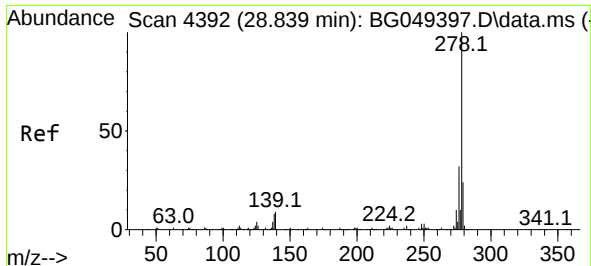
Tgt Ion:252 Resp: 93315
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 4.2 3.1 4.7



#90
Benzo(a)pyrene
Concen: 8.42 ng
RT: 24.847 min Scan# 3712
Delta R.T. -0.021 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:252 Resp: 92643
Ion Ratio Lower Upper
252 100
253 22.6 16.6 25.0
125 5.7 3.5 5.3#

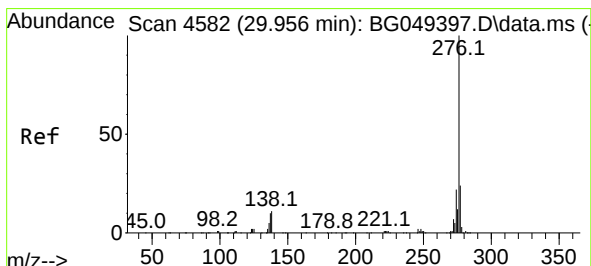
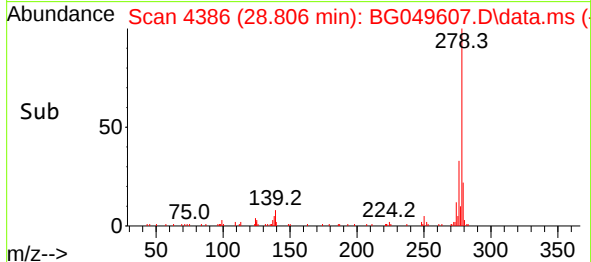
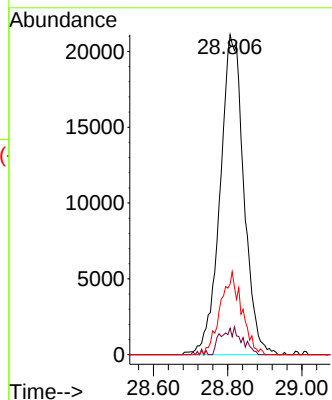
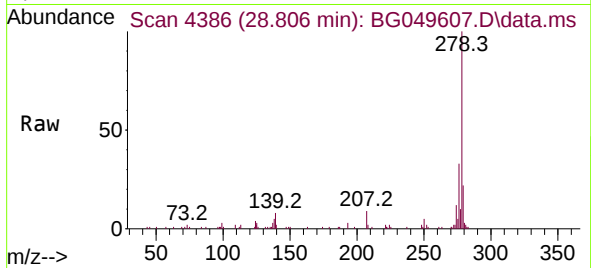




#91
Dibenzo(a,h)anthracene
Concen: 8.37 ng
RT: 28.806 min Scan# 4386
Delta R.T. -0.033 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

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

Tgt Ion:278 Resp: 93745
Ion Ratio Lower Upper
278 100
139 8.2 4.6 6.8#
279 22.1 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 8.32 ng
RT: 29.922 min Scan# 4576
Delta R.T. -0.033 min
Lab File: BG049607.D
Acq: 2 Aug 2021 18:50

Tgt Ion:276 Resp: 92215
Ion Ratio Lower Upper
276 100
277 19.5 18.4 27.6
138 8.5 7.0 10.6

