

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049406.D
 Acq On : 22 Jul 2021 9:42
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 22 11:00:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 10:56:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	22579	20.000	ng	# 0.00
21) Naphthalene-d8	10.870	136	86436	20.000	ng	# 0.00
39) Acenaphthene-d10	14.700	164	58943	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	126456	20.000	ng	# 0.00
76) Chrysene-d12	21.732	240	143752	20.000	ng	0.00
86) Perylene-d12	25.010	264	149433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.601	112	146631	110.180	ng	0.00
7) Phenol-d6	7.205	99	207449	107.033	ng	0.00
23) Nitrobenzene-d5	9.220	82	121562	63.012	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	89831	113.803	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	253321	61.841	ng	0.00
79) Terphenyl-d14	20.058	244	435998	59.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.486	88	3377	5.601	ng	# 74
3) Pyridine	3.903	79	4287	2.790	ng	# 73
4) n-Nitrosodimethylamine	3.815	42	2993	3.967	ng	# 83
6) Aniline	7.369	93	9270	4.422	ng	# 82
8) 2-Chlorophenol	7.610	128	5624	4.121	ng	82
9) Benzaldehyde	7.193	77	6310	4.901	ng	89
10) Phenol	7.234	94	6867	3.719	ng	87
11) bis(2-Chloroethyl)ether	7.463	93	5419	4.285	ng	85
12) 1,3-Dichlorobenzene	7.945	146	6655	4.124	ng	91
13) 1,4-Dichlorobenzene	8.092	146	5362	3.337	ng	91
14) 1,2-Dichlorobenzene	7.945	146	6655	4.287	ng	94
15) Benzyl Alcohol	8.291	79	5565	3.513	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.573	45	6004	4.064	ng	89
17) 2-Methylphenol	8.491	107	4501	3.662	ng	# 84
18) Hexachloroethane	9.149	117	2449	3.922	ng	# 85
19) n-Nitroso-di-n-propyla...	8.855	70	5019	3.941	ng	# 90
20) 3+4-Methylphenols	8.826	107	6476	3.844	ng	96
22) Acetophenone	8.879	105	9763	4.218	ng	# 97
24) Nitrobenzene	9.261	77	8217	4.055	ng	98
25) Isophorone	9.784	82	12812	3.748	ng	# 93
26) 2-Nitrophenol	9.977	139	2577	3.504	ng	94
27) 2,4-Dimethylphenol	10.036	122	4797	4.080	ng	# 79
28) bis(2-Chloroethoxy)met...	10.271	93	5994	3.930	ng	# 85
29) 2,4-Dichlorophenol	10.518	162	4705	3.451	ng	91
30) 1,2,4-Trichlorobenzene	10.729	180	6175	4.010	ng	# 84
31) Naphthalene	10.923	128	18566	4.073	ng	99
32) Benzoic acid	10.160	122	652	0.844	ng	# 31
33) 4-Chloroaniline	11.041	127	6760	3.886	ng	# 86
34) Hexachlorobutadiene	11.205	225	4318	3.913	ng	88
35) Caprolactam	11.793	113	1311	3.096	ng	# 53
36) 4-Chloro-3-methylphenol	12.151	107	5624	3.497	ng	# 81
37) 2-Methylnaphthalene	12.533	142	13408	4.030	ng	92
38) 1-Methylnaphthalene	12.750	142	12538	3.941	ng	92
40) 1,2,4,5-Tetrachloroben...	12.891	216	6802	3.902	ng	94
41) Hexachlorocyclopentadiene	12.874	237	2232	2.869	ng	84
43) 2,4,6-Trichlorophenol	13.132	196	3421	3.009	ng	99

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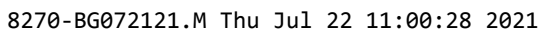
Instrument :
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 ClientSampleId :
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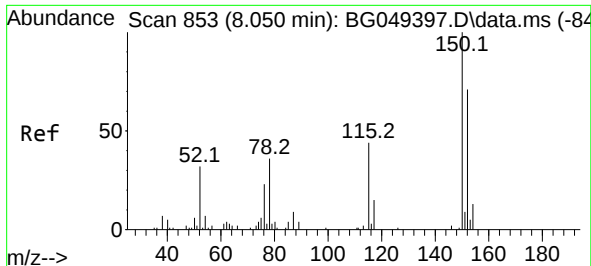
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.208	196	3835	3.118	ng	93
46) 1,1'-Biphenyl	13.531	154	17990	4.163	ng	91
47) 2-Chloronaphthalene	13.578	162	12475	3.759	ng #	87
48) 2-Nitroaniline	13.778	65	4447	3.850	ng	89
49) Acenaphthylene	14.419	152	21042	3.910	ng	94
50) Dimethylphthalate	14.148	163	17355	4.053	ng #	98
51) 2,6-Dinitrotoluene	14.278	165	3257	3.503	ng #	78
52) Acenaphthene	14.765	154	13351	4.110	ng	88
53) 3-Nitroaniline	14.601	138	3175	3.406	ng #	99
54) 2,4-Dinitrophenol	14.818	184	57	0.146	ng #	8
55) Dibenzofuran	15.100	168	19163	3.677	ng #	91
56) 4-Nitrophenol	14.930	139	1750	2.380	ng #	34
57) 2,4-Dinitrotoluene	15.059	165	4771	3.713	ng #	87
58) Fluorene	15.746	166	15935	3.773	ng	85
59) 2,3,4,6-Tetrachlorophenol	15.329	232	3580	3.184	ng #	98
60) Diethylphthalate	15.505	149	17125	3.981	ng #	92
61) 4-Chlorophenyl-phenyle...	15.740	204	8111	3.776	ng	93
62) 4-Nitroaniline	15.764	138	3092	3.151	ng	88
63) Azobenzene	16.034	77	18488	3.882	ng	83
65) 4,6-Dinitro-2-methylph...	15.828	198	1113	1.625	ng #	61
66) n-Nitrosodiphenylamine	15.952	169	13720	3.777	ng	92
67) 4-Bromophenyl-phenylether	16.639	248	6195	4.325	ng	86
68) Hexachlorobenzene	16.757	284	6283	3.874	ng #	91
69) Atrazine	16.898	200	5953	4.136	ng	95
70) Pentachlorophenol	17.103	266	972	1.333	ng #	55
71) Phenanthrene	17.491	178	25428	3.741	ng	97
72) Anthracene	17.491	178	25428	3.806	ng	97
73) Carbazole	17.855	167	23777	3.741	ng	97
74) Di-n-butylphthalate	18.407	149	27432	3.785	ng #	94
75) Fluoranthene	19.500	202	32716	3.865	ng	98
77) Benzidine	19.682	184	13721	3.449	ng	97
78) Pyrene	19.864	202	33014	3.499	ng	98
80) Butylbenzylphthalate	20.745	149	12096	3.526	ng	98
81) Benzo(a)anthracene	21.709	228	34477	3.786	ng	97
82) 3,3'-Dichlorobenzidine	21.626	252	12395	4.719	ng	90
83) Chrysene	21.779	228	31723	3.613	ng	95
84) Bis(2-ethylhexyl)phtha...	21.615	149	18120	3.522	ng #	98
85) Di-n-octyl phthalate	22.842	149	33283	3.745	ng	99
87) Indeno(1,2,3-cd)pyrene	28.746	276	32435	3.066	ng #	91
88) Benzo(b)fluoranthene	23.964	252	35451	3.682	ng #	89
89) Benzo(k)fluoranthene	24.029	252	34207	3.819	ng #	95
90) Benzo(a)pyrene	24.851	252	34358	3.937	ng	98
91) Dibenzo(a,h)anthracene	28.811	278	34946	3.934	ng #	97
92) Benzo(g,h,i)perylene	29.927	276	34639	3.940	ng #	85

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

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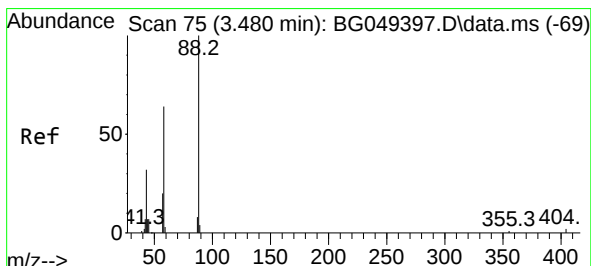
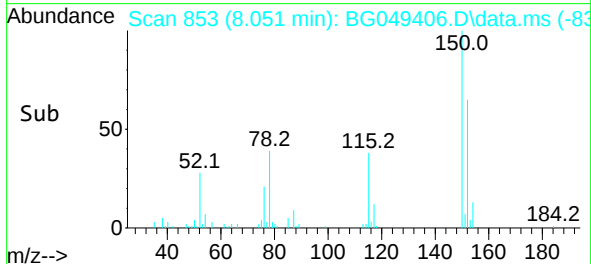
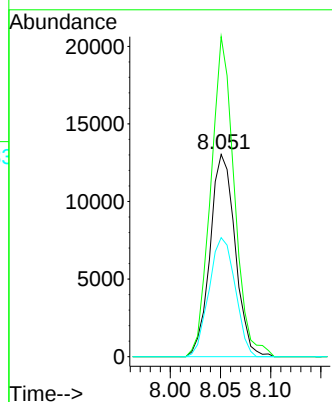
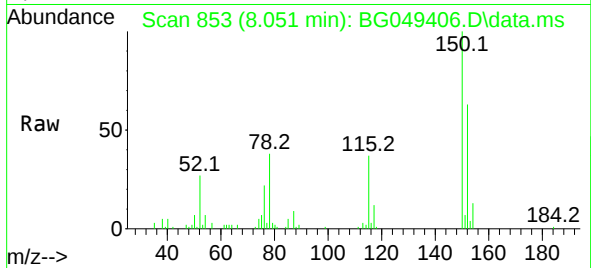




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.051 min Scan# 853
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

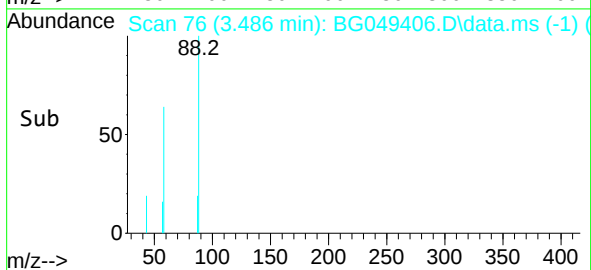
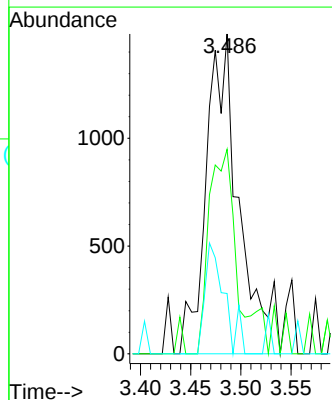
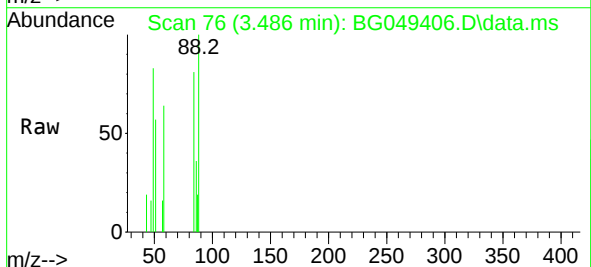
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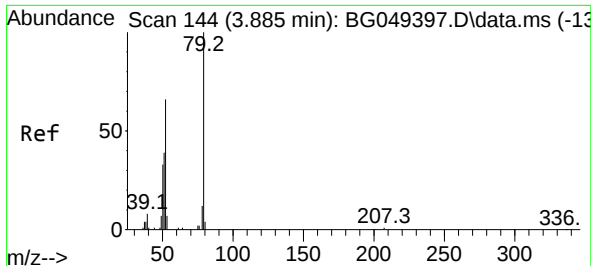
Tgt Ion:152 Resp: 22579
Ion Ratio Lower Upper
152 100
150 158.2 119.4 179.0
115 58.8 60.2 90.4#



#2
1,4-Dioxane
Concen: 5.601 ng
RT: 3.486 min Scan# 76
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 88 Resp: 3377
Ion Ratio Lower Upper
88 100
58 48.9 55.7 83.5#
43 20.6 29.3 43.9#

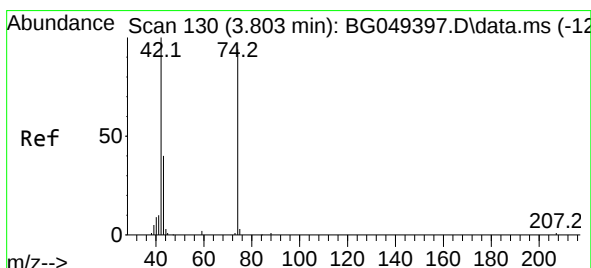
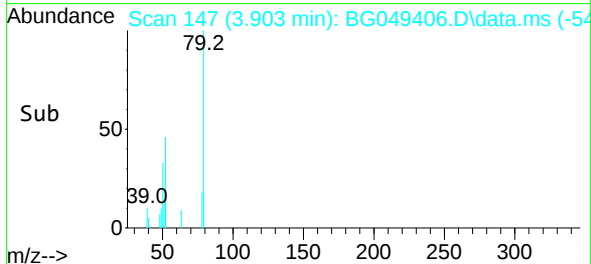
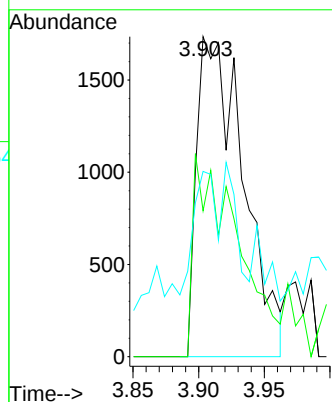
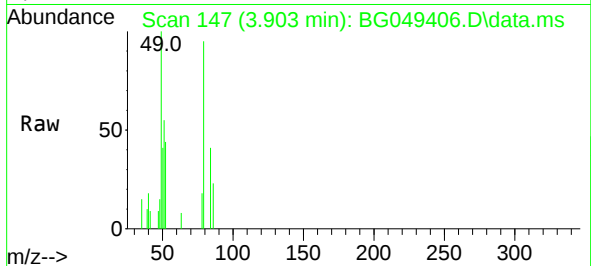




#3
Pyridine
Concen: 2.790 ng
RT: 3.903 min Scan# 147
Delta R.T. 0.018 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

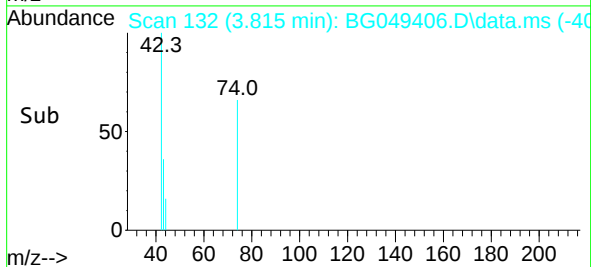
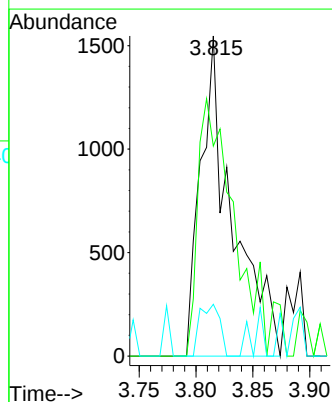
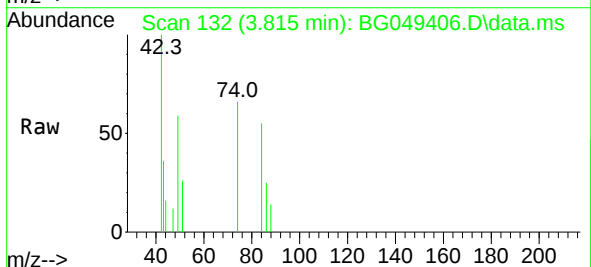
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

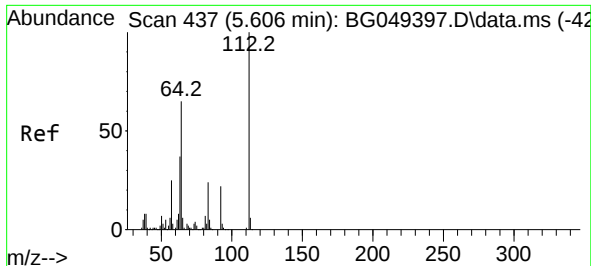
Tgt Ion: 79 Resp: 4287
Ion Ratio Lower Upper
79 100
52 45.6 58.4 87.6#
51 57.9 37.0 55.6#



#4
n-Nitrosodimethylamine
Concen: 3.967 ng
RT: 3.815 min Scan# 132
Delta R.T. 0.013 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 42 Resp: 2993
Ion Ratio Lower Upper
42 100
74 65.6 64.0 96.0
44 16.2 2.7 4.1#

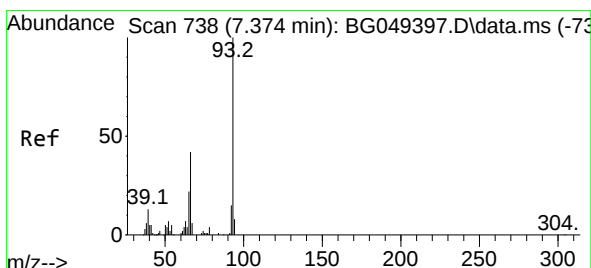
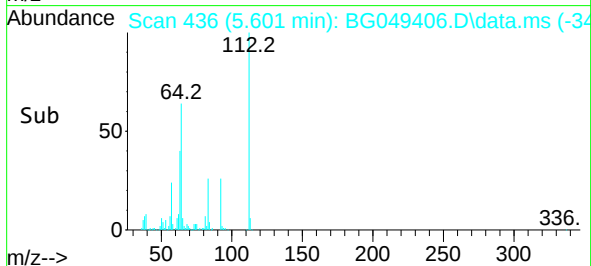
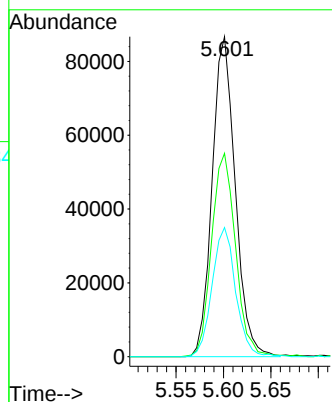
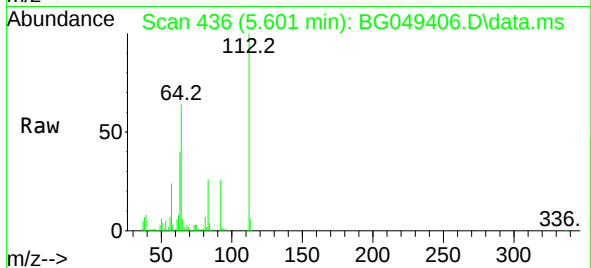




#5
2-Fluorophenol
Concen: 110.180 ng
RT: 5.601 min Scan# 436
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

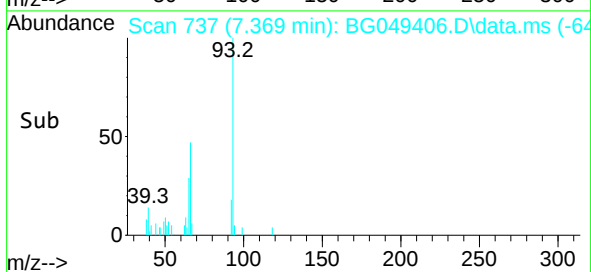
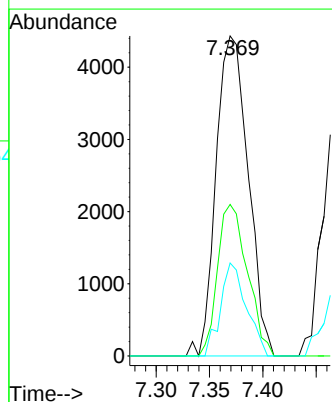
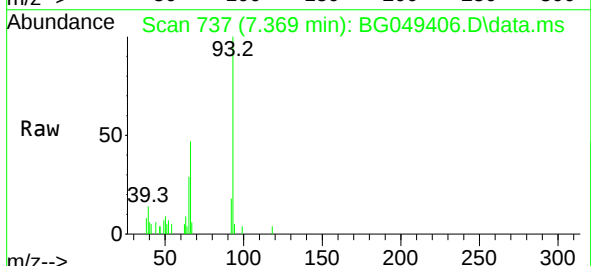
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

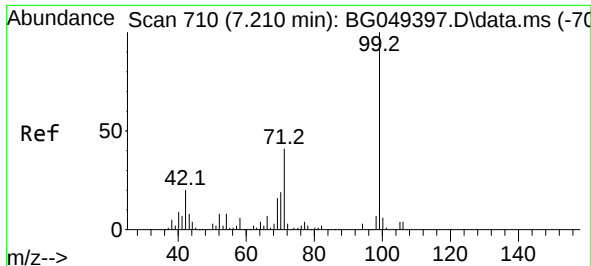
Tgt Ion:112 Resp: 146631
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 40.3 35.3 52.9



#6
Aniline
Concen: 4.422 ng
RT: 7.369 min Scan# 737
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 93 Resp: 9270
Ion Ratio Lower Upper
93 100
66 47.3 30.6 45.8#
65 29.0 15.0 22.4#

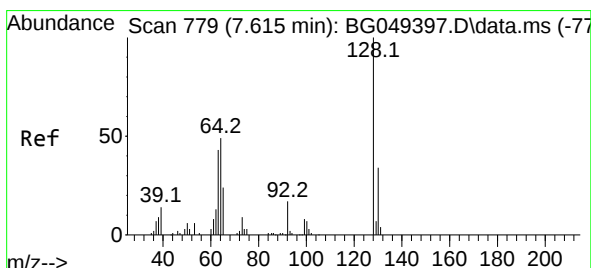
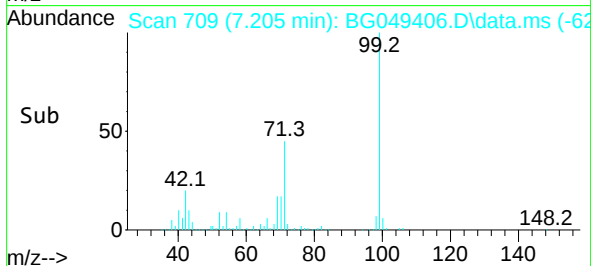
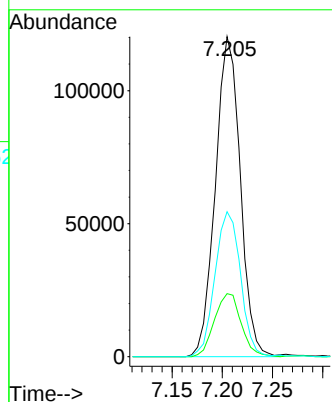
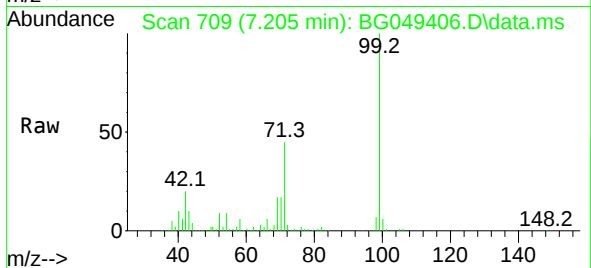




#7
Phenol-d6
Concen: 107.033 ng
RT: 7.205 min Scan# 709
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

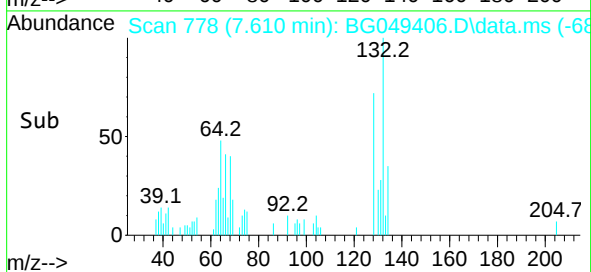
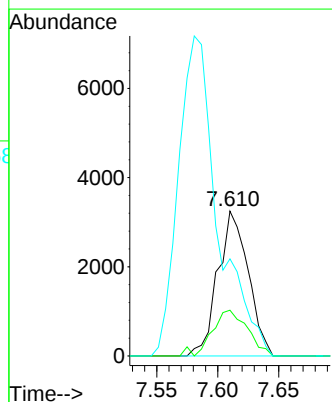
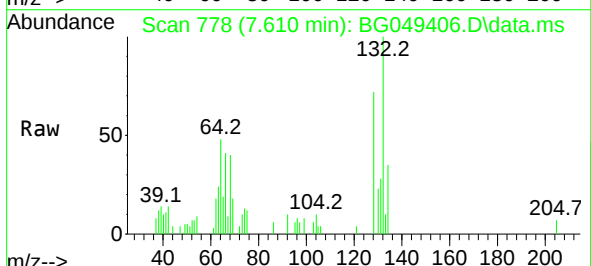
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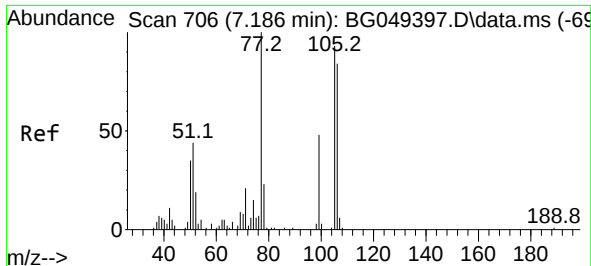
Tgt Ion: 99 Resp: 207449
Ion Ratio Lower Upper
99 100
42 19.7 20.5 30.7#
71 45.3 41.5 62.3



#8
2-Chlorophenol
Concen: 4.121 ng
RT: 7.610 min Scan# 778
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:128 Resp: 5624
Ion Ratio Lower Upper
128 100
130 31.5 10.0 50.0
64 67.1 28.1 68.1

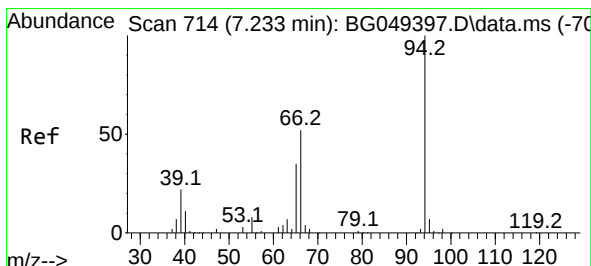
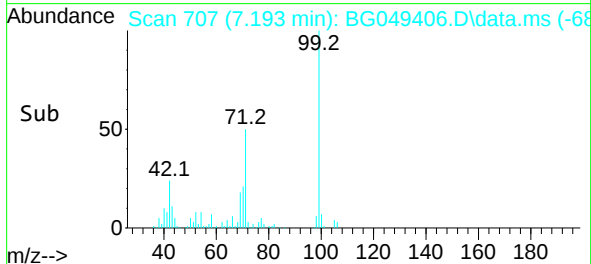
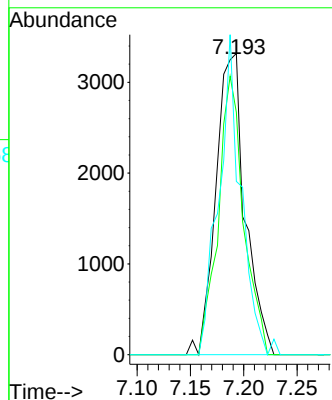
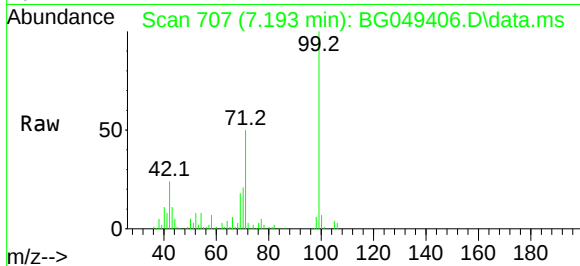




#9
Benzaldehyde
Concen: 4.901 ng
RT: 7.193 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

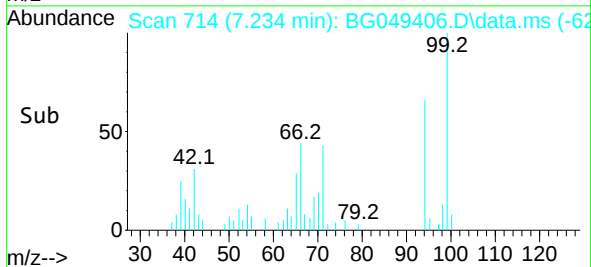
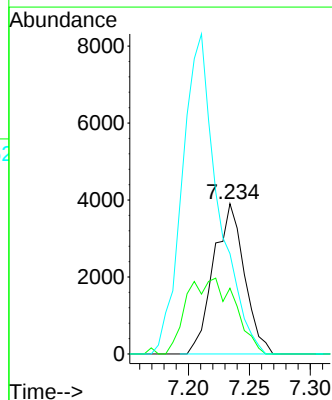
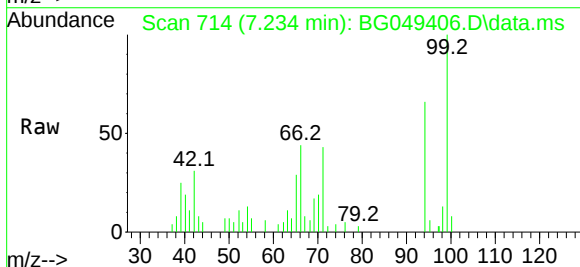
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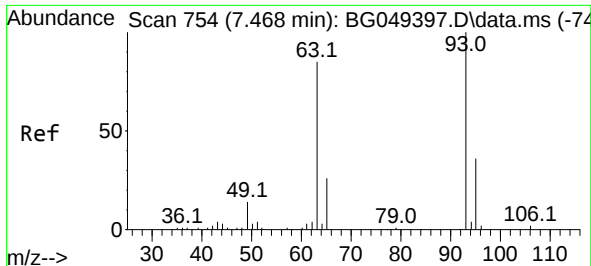
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Ion Ratio Lower Upper
77 100
105 80.5 68.8 108.8
106 57.5 47.9 87.9



#10
Phenol
Concen: 3.719 ng
RT: 7.234 min Scan# 714
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

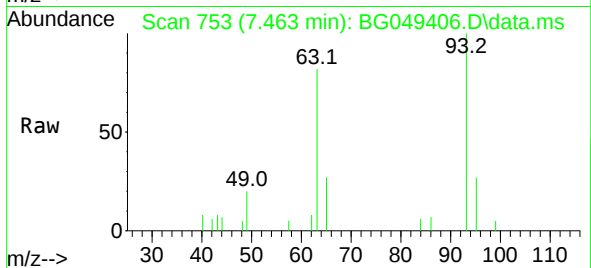
Tgt Ion: 94 Resp: 6867
Ion Ratio Lower Upper
94 100
65 43.8 12.9 52.9
66 66.8 39.4 79.4



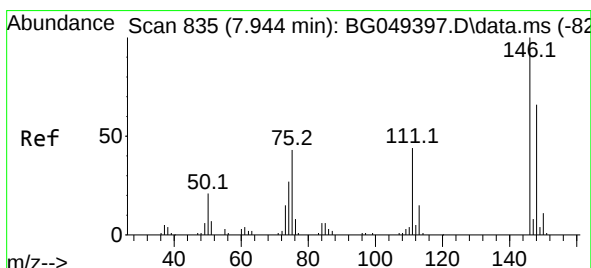
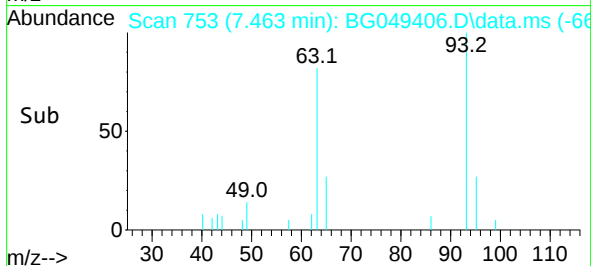
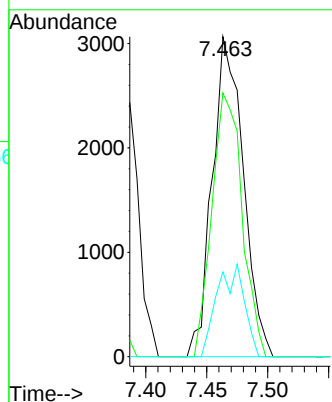


#11
bis(2-Chloroethyl)ether
Concen: 4.285 ng
RT: 7.463 min Scan# 753
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

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

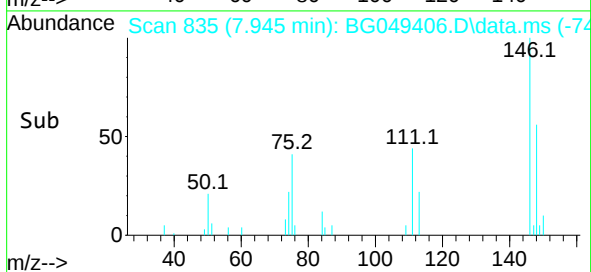
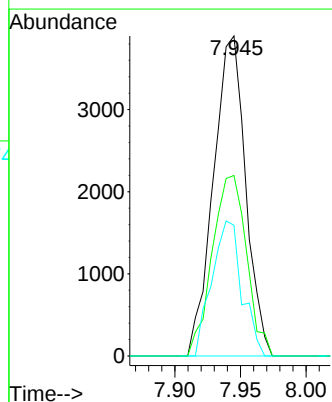
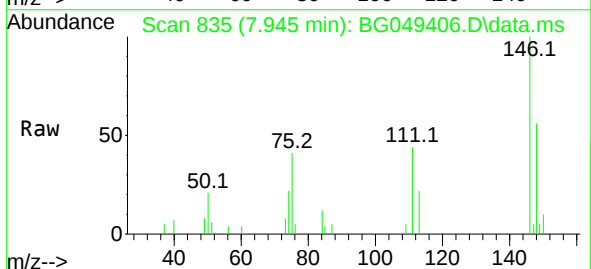


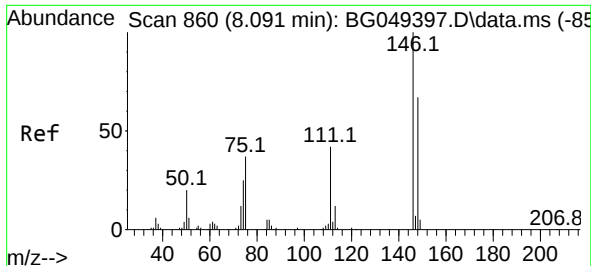
Tgt Ion: 93	Resp:	5419	
Ion	Ratio	Lower	Upper
93	100		
63	82.4	50.4	90.4
95	26.5	15.3	55.3



#12
1,3-Dichlorobenzene
Concen: 4.124 ng
RT: 7.945 min Scan# 835
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:146	Resp:	6655	
Ion	Ratio	Lower	Upper
146	100		
148	56.4	52.6	78.8
75	40.8	35.7	53.5

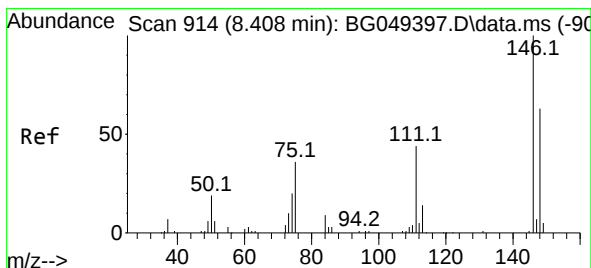
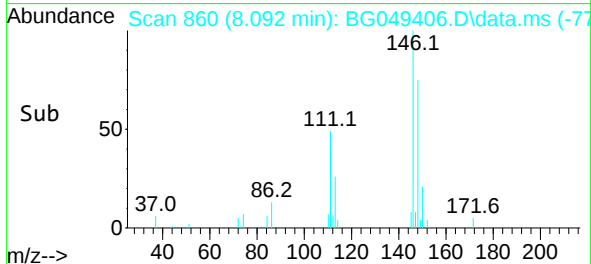
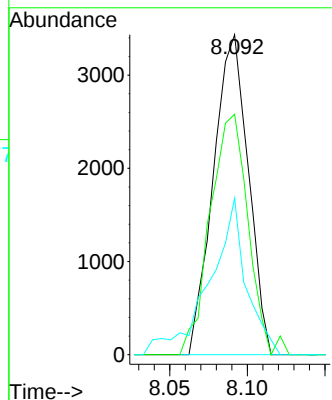
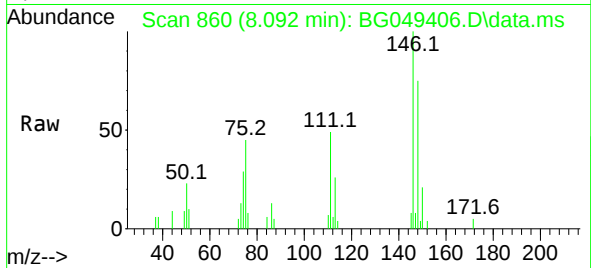




#13
1,4-Dichlorobenzene
Concen: 3.337 ng
RT: 8.092 min Scan# 860
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

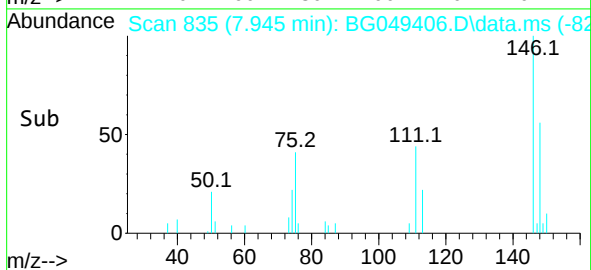
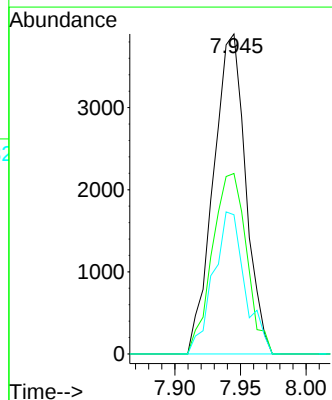
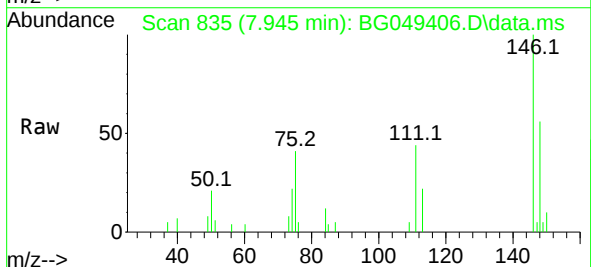
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

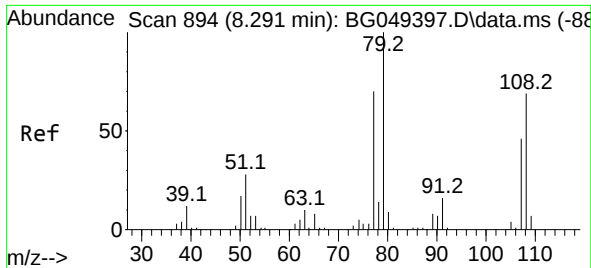
Tgt Ion:146 Resp: 5362
Ion Ratio Lower Upper
146 100
148 75.2 54.0 81.0
111 48.9 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 4.287 ng
RT: 7.945 min Scan# 835
Delta R.T. -0.463 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:146 Resp: 6655
Ion Ratio Lower Upper
146 100
148 56.4 47.5 71.3
111 43.5 39.1 58.7

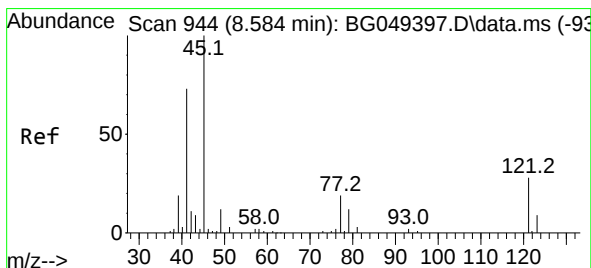
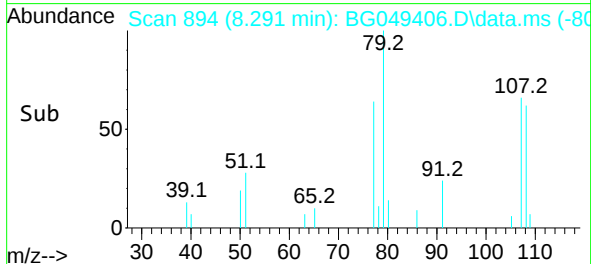
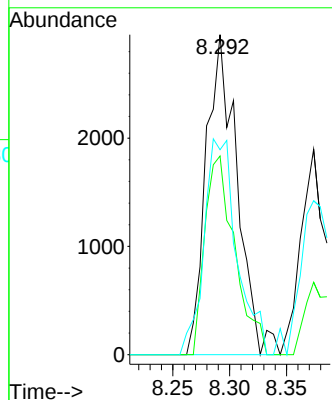
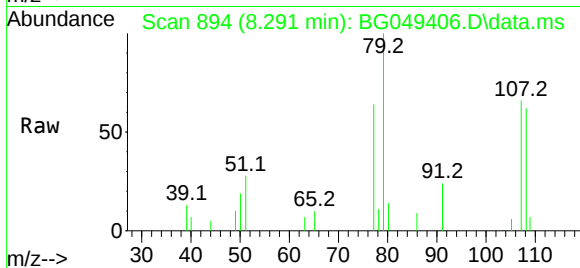




#15
Benzyl Alcohol
Concen: 3.513 ng
RT: 8.291 min Scan# 894
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

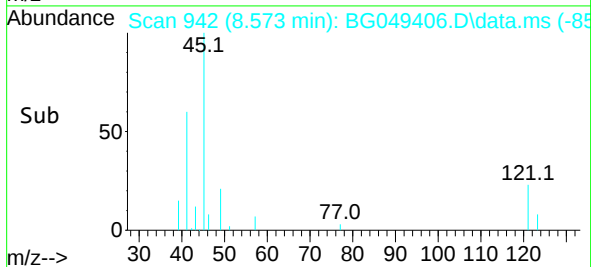
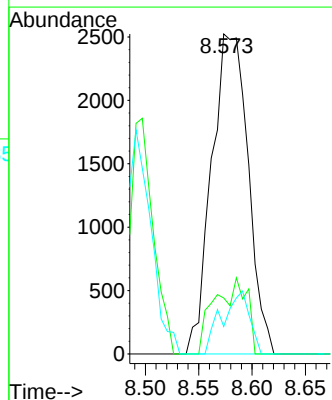
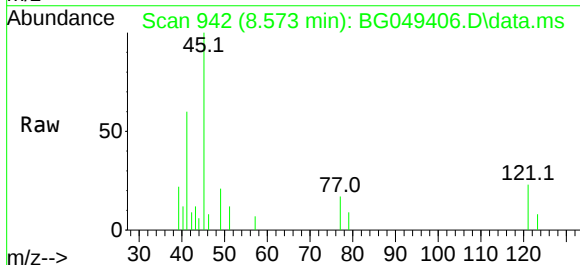
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

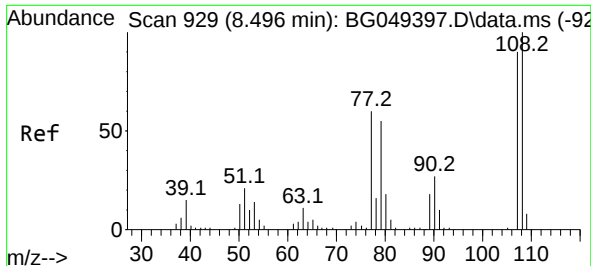
Tgt Ion: 79	Resp: 5565
Ion Ratio	Lower Upper
79	100
108	62.1 48.2 72.4
77	64.0 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.064 ng
RT: 8.573 min Scan# 942
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 45	Resp: 6004
Ion Ratio	Lower Upper
45	100
77	17.5 2.2 42.2
79	8.6 0.0 34.3

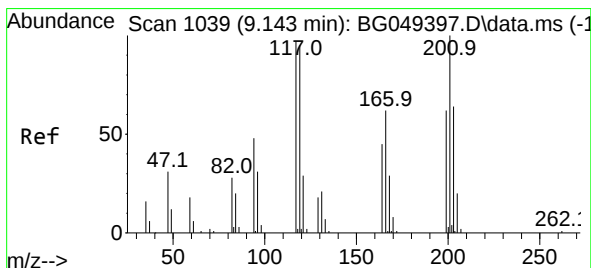
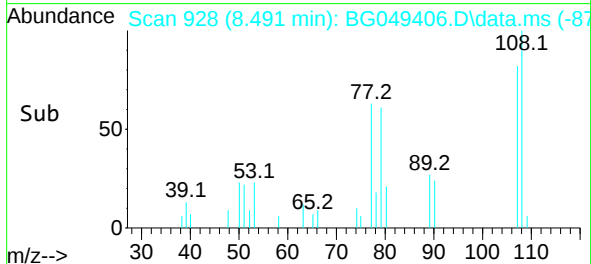
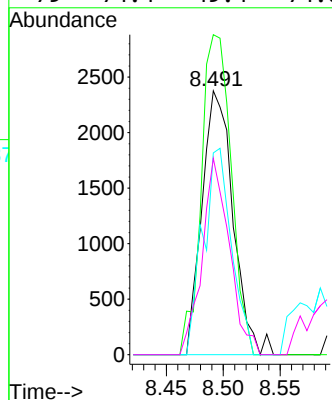
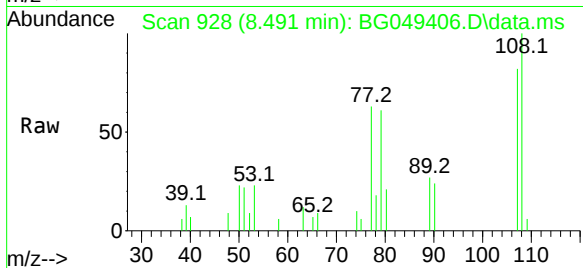




#17
2-Methylphenol
Concen: 3.662 ng
RT: 8.491 min Scan# 928
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

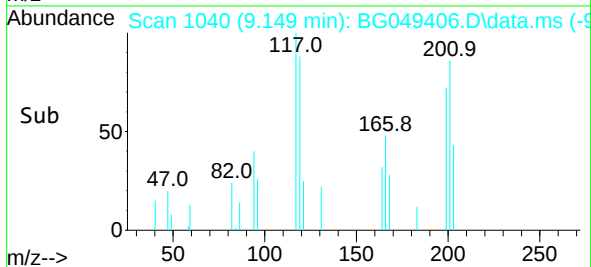
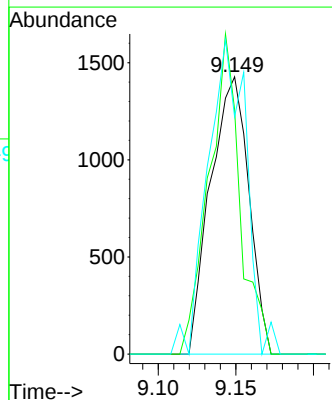
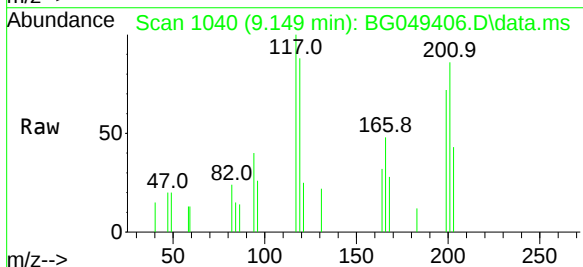
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

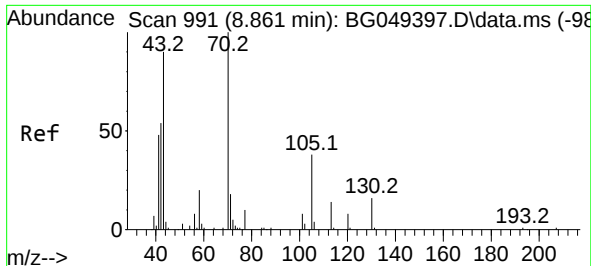
Tgt Ion:	107	Resp:	4501
Ion	Ratio	Lower	Upper
107	100		
108	121.2	84.6	127.0
77	76.5	50.7	76.1#
79	74.4	49.4	74.0#



#18
Hexachloroethane
Concen: 3.922 ng
RT: 9.149 min Scan# 1040
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

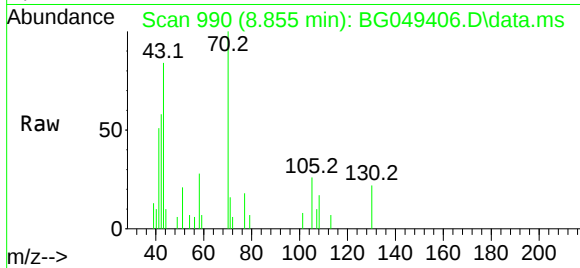
Tgt Ion:	117	Resp:	2449
Ion	Ratio	Lower	Upper
117	100		
119	88.2	74.4	111.6
201	85.6	88.6	133.0#



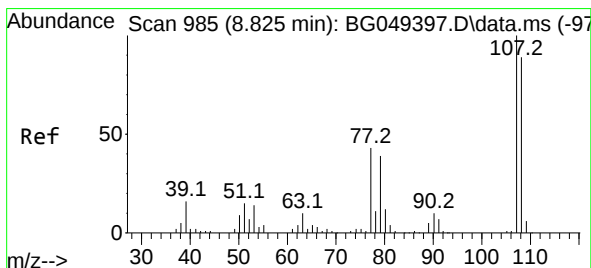
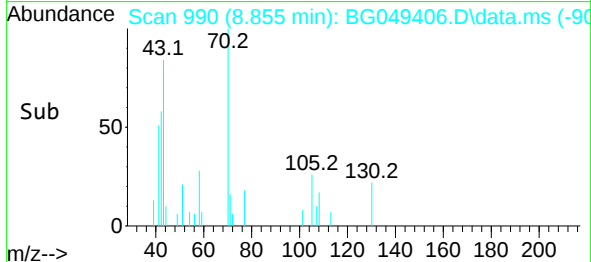
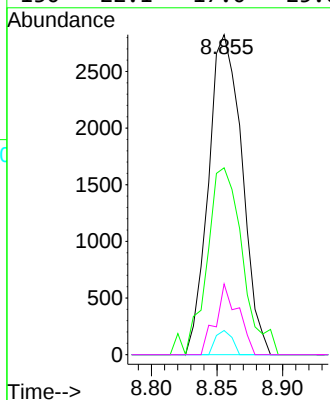


#19
n-Nitroso-di-n-propylamine
Concen: 3.941 ng
RT: 8.855 min Scan# 990
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

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

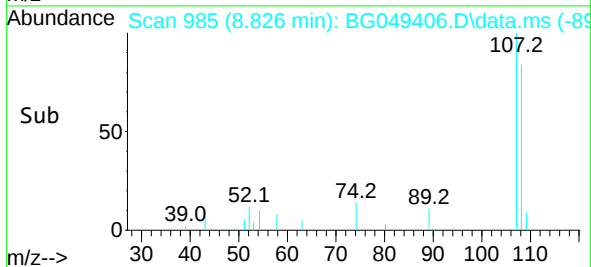
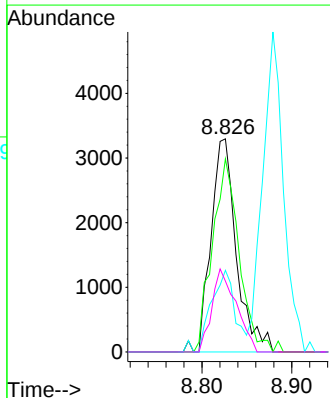
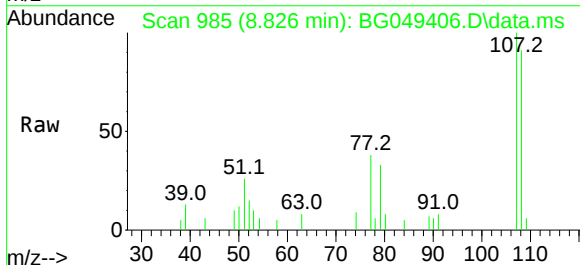


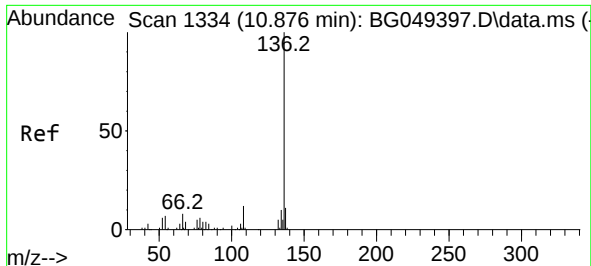
Tgt Ion: 70 Resp: 5019
Ion Ratio Lower Upper
70 100
42 58.4 54.5 81.7
101 7.5 9.0 13.6#
130 22.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 3.844 ng
RT: 8.826 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 107 Resp: 6476
Ion Ratio Lower Upper
107 100
108 90.6 69.3 109.3
77 38.3 25.2 65.2
79 33.3 15.1 55.1

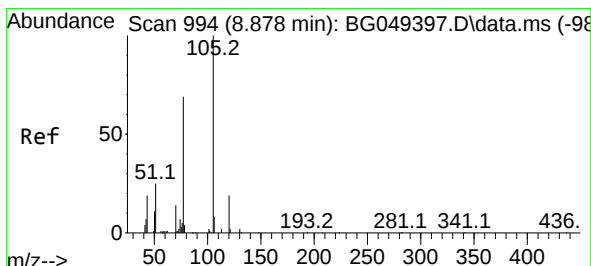
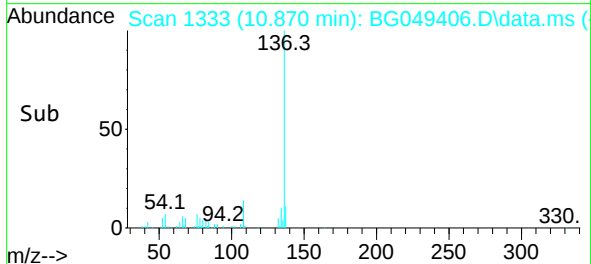
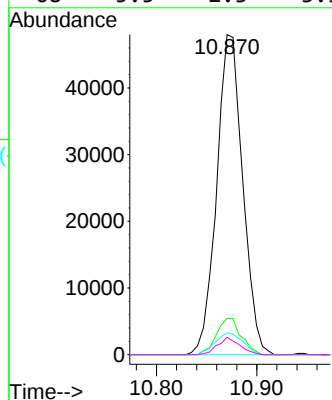
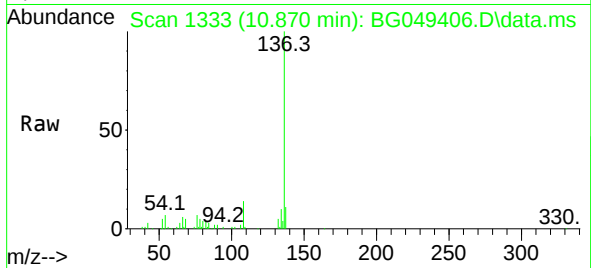




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.870 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

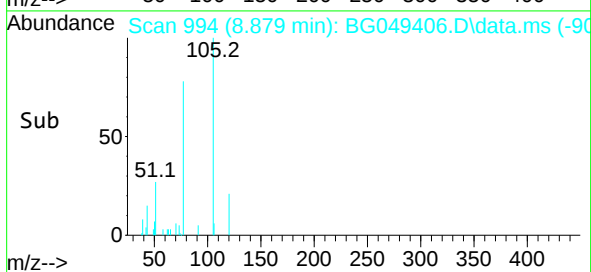
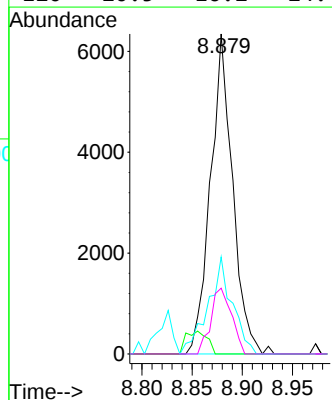
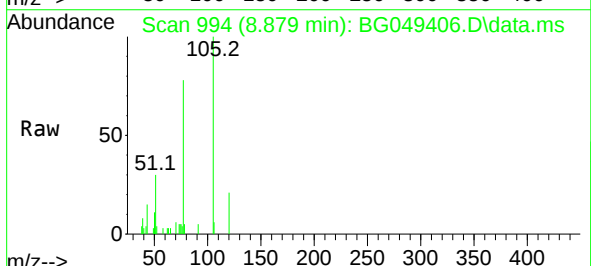
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

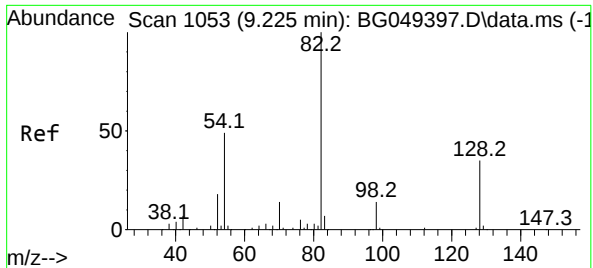
Tgt Ion:	136	Resp:	86436
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	6.9	5.5	8.3
68	5.5	2.3	3.5#



#22
Acetophenone
Concen: 4.218 ng
RT: 8.879 min Scan# 994
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	105	Resp:	9763
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	0.8#
51	30.3	26.6	40.0
120	20.5	16.2	24.4

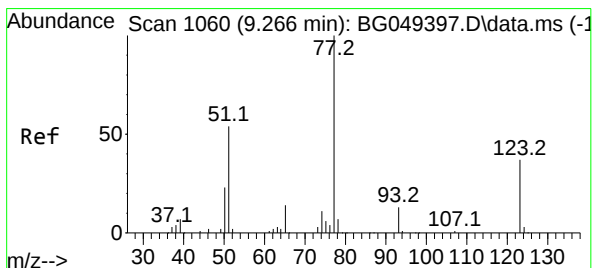
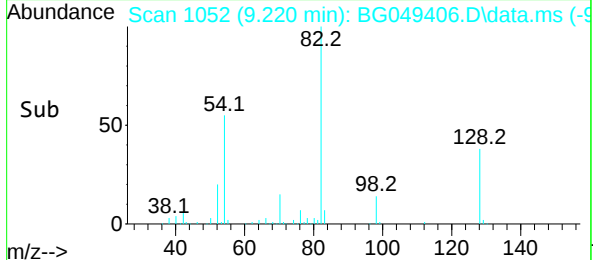
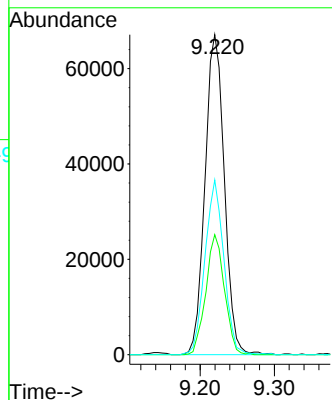
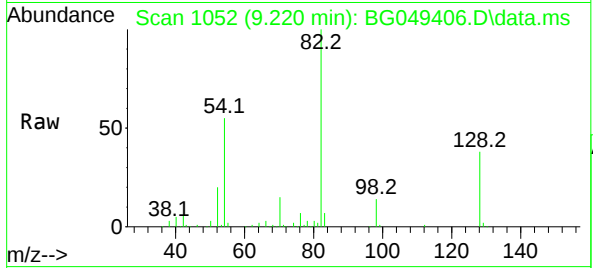




#23
Nitrobenzene-d5
Concen: 63.012 ng
RT: 9.220 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

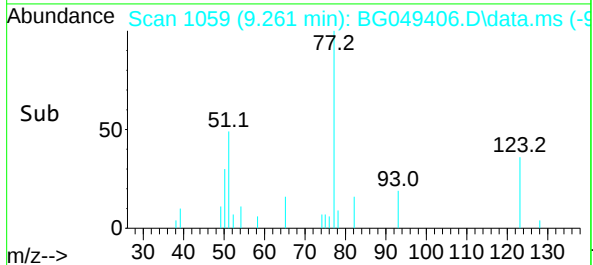
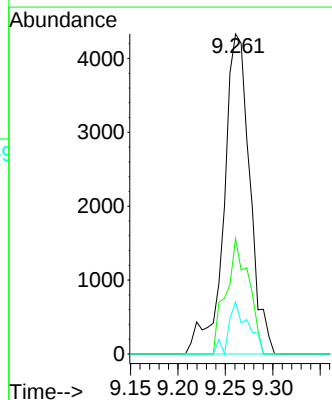
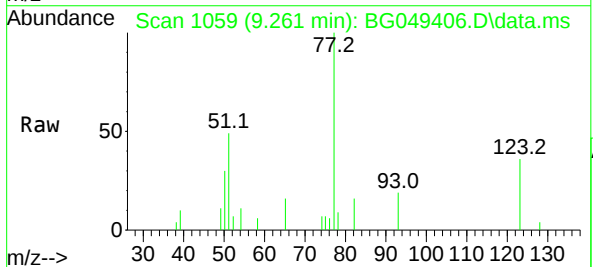
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

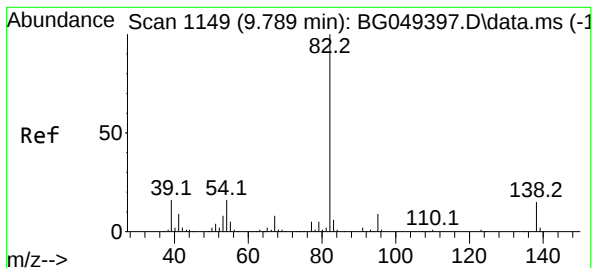
Tgt Ion: 82 Resp: 121562
Ion Ratio Lower Upper
82 100
128 37.5 29.8 44.6
54 54.6 45.8 68.8



#24
Nitrobenzene
Concen: 4.055 ng
RT: 9.261 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 77 Resp: 8217
Ion Ratio Lower Upper
77 100
123 36.0 27.5 41.3
65 16.3 12.6 18.8





#25

Isophorone

Concen: 3.748 ng

RT: 9.784 min Scan# 1148

Delta R.T. -0.005 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

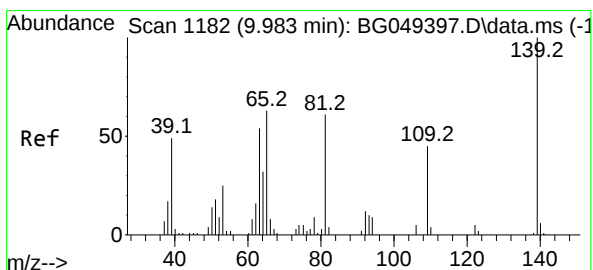
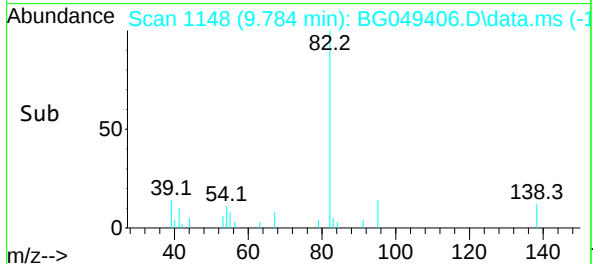
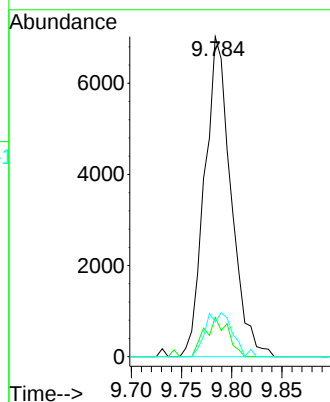
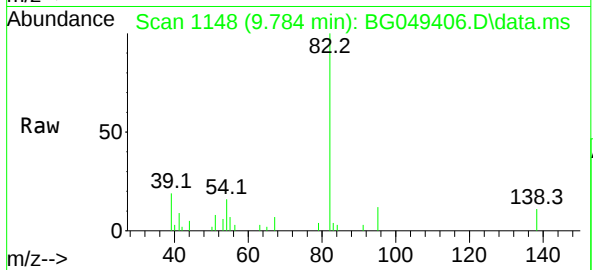
Tgt Ion:	82	Resp:	12812
Ion Ratio	Lower	Upper	
82	100		
95	12.3	8.5	12.7
138	10.8	11.8	17.6#

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#26

2-Nitrophenol

Concen: 3.504 ng

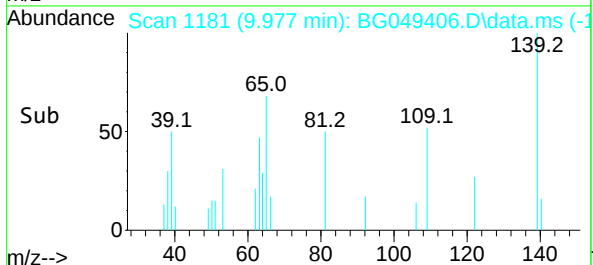
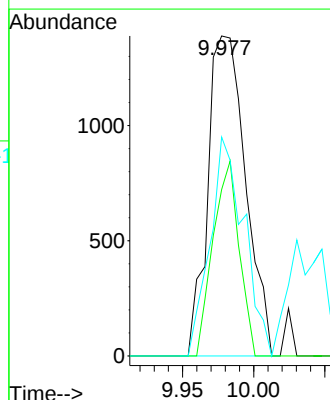
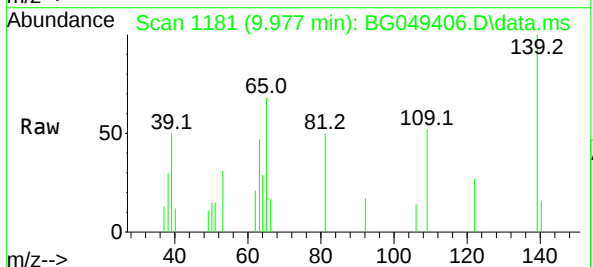
RT: 9.977 min Scan# 1181

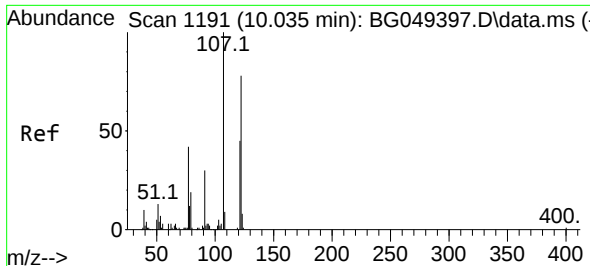
Delta R.T. -0.005 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

Tgt Ion:	139	Resp:	2577
Ion Ratio	Lower	Upper	
139	100		
109	52.0	37.8	56.6
65	68.4	51.8	77.8

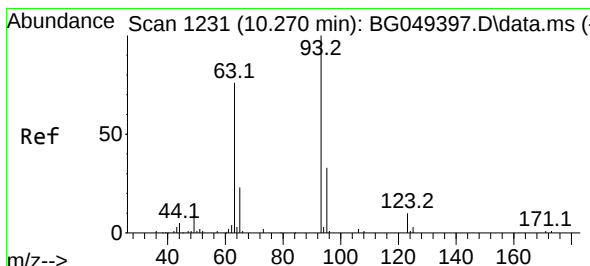
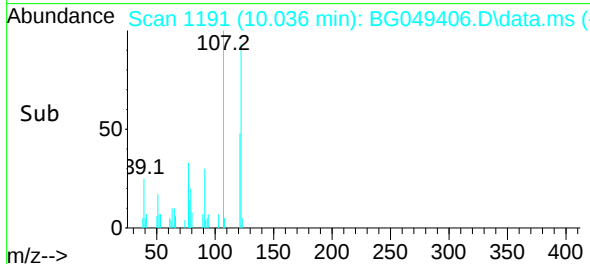
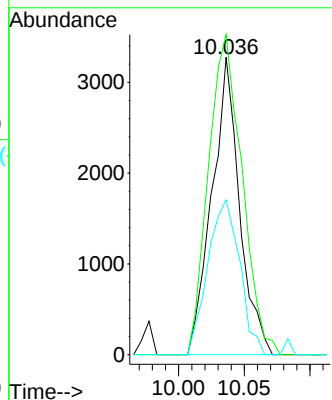
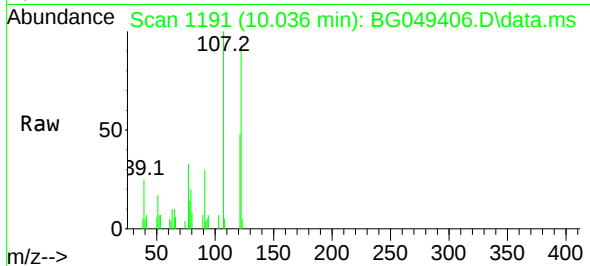




#27
2,4-Dimethylphenol
Concen: 4.080 ng
RT: 10.036 min Scan# 1191
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

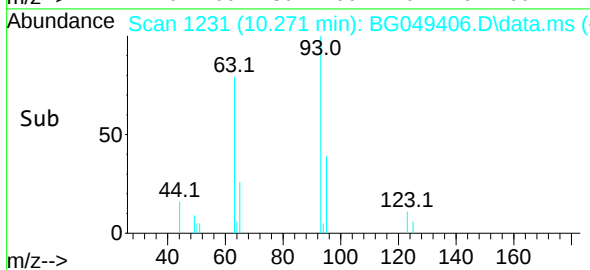
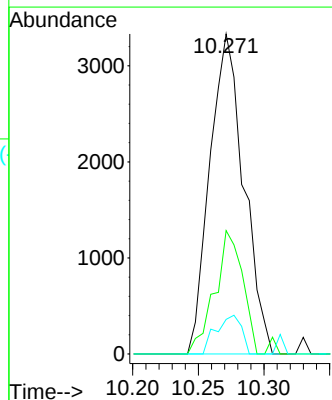
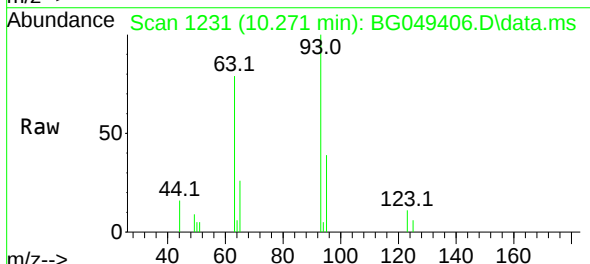
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

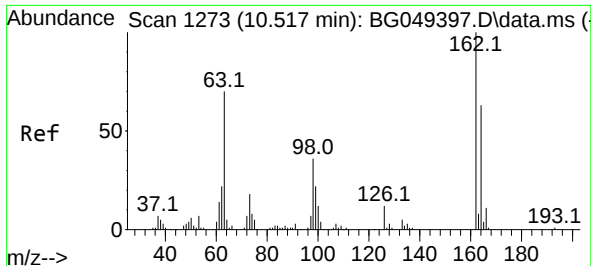
Tgt Ion:122 Resp: 4797
Ion Ratio Lower Upper
122 100
107 107.6 110.1 165.1#
121 52.1 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 3.930 ng
RT: 10.271 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 93 Resp: 5994
Ion Ratio Lower Upper
93 100
95 38.6 22.2 33.4#
123 10.8 8.8 13.2

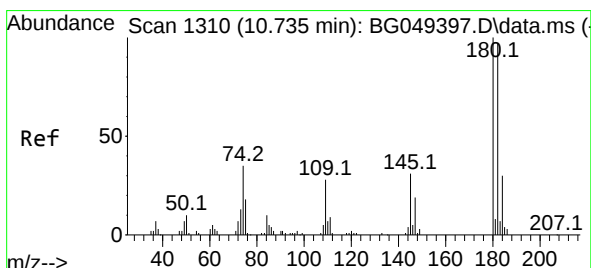
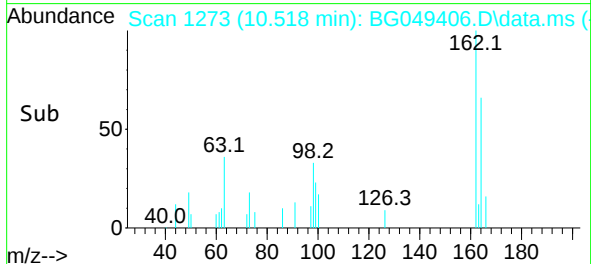
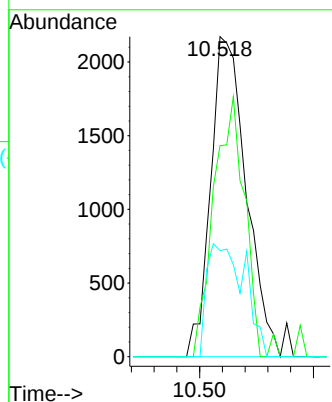
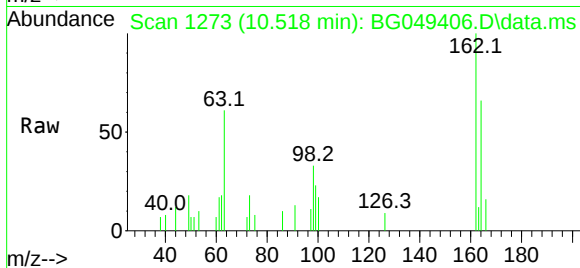




#29
2,4-Dichlorophenol
Concen: 3.451 ng
RT: 10.518 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

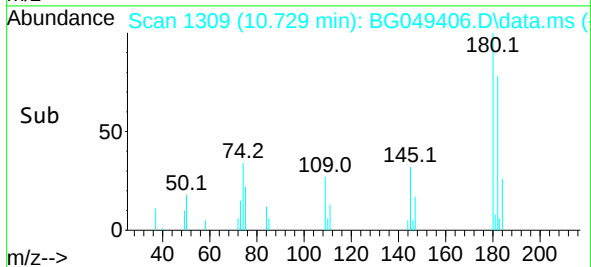
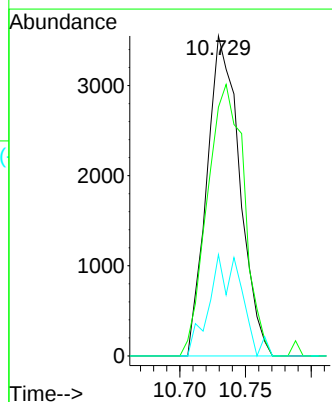
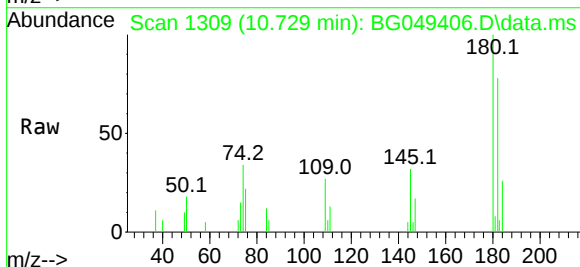
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

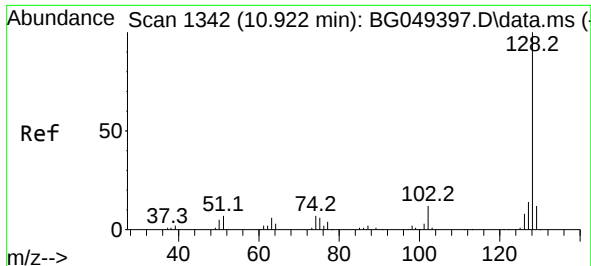
Tgt Ion:162 Resp: 4705
Ion Ratio Lower Upper
162 100
164 66.0 39.4 79.4
98 33.1 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 4.010 ng
RT: 10.729 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:180 Resp: 6175
Ion Ratio Lower Upper
180 100
182 77.7 78.9 118.3#
145 31.7 26.2 39.4

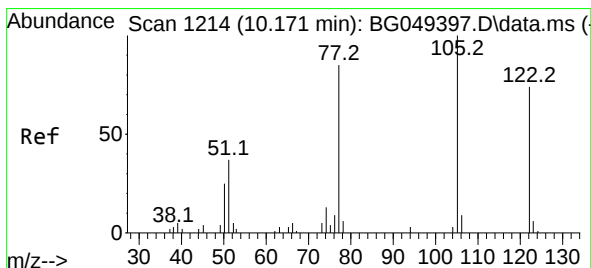
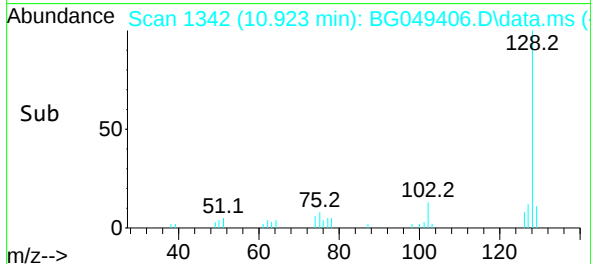
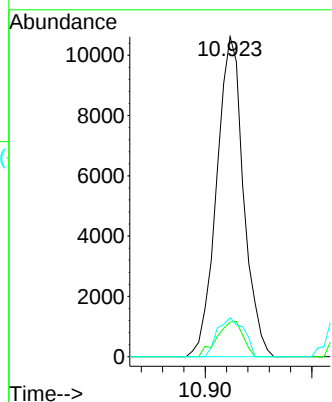
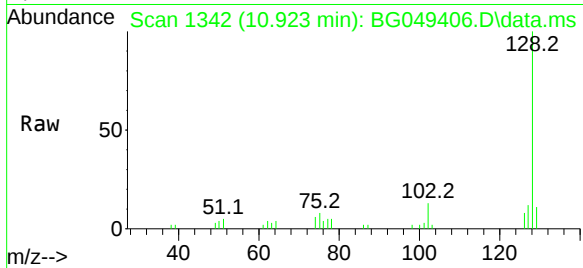




#31
Naphthalene
Concen: 4.073 ng
RT: 10.923 min Scan# 1342
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

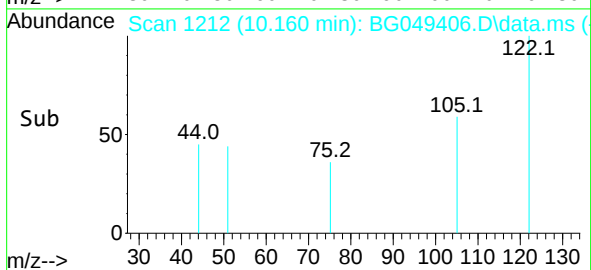
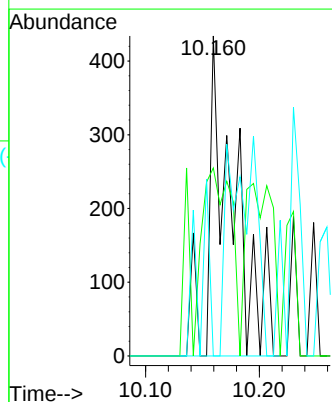
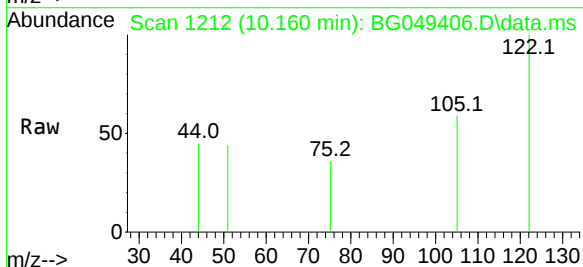
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

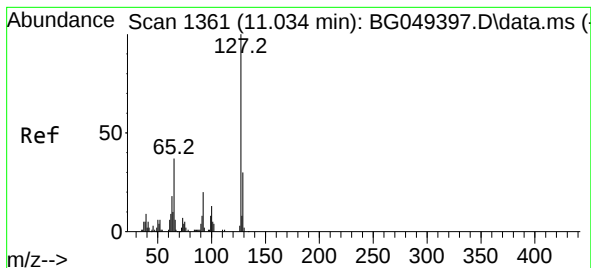
Tgt Ion:128 Resp: 18566
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.1 10.2 15.4



#32
Benzoic acid
Concen: 0.844 ng
RT: 10.160 min Scan# 1212
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:122 Resp: 652
Ion Ratio Lower Upper
122 100
105 58.8 92.3 132.3#
77 0.0 66.5 106.5#

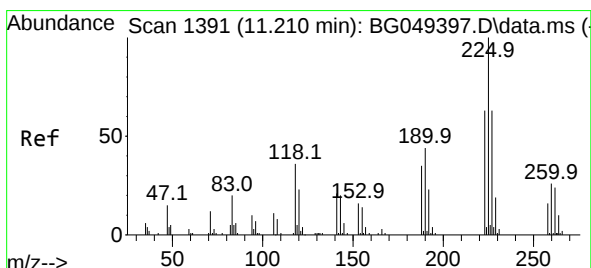
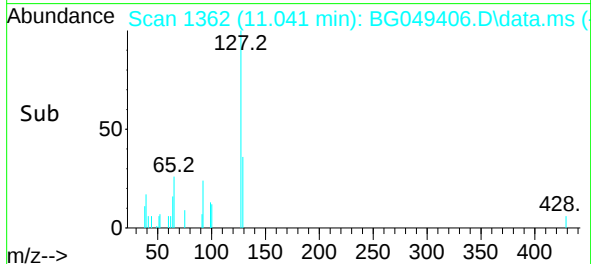
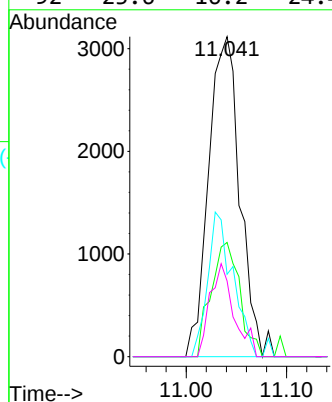
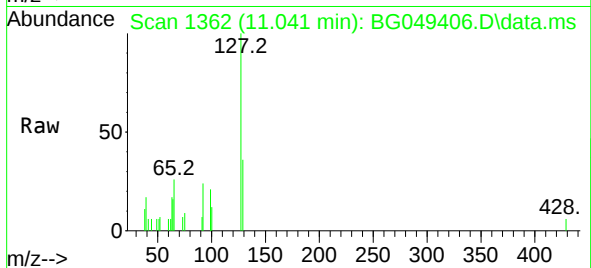




#33
4-Chloroaniline
Concen: 3.886 ng
RT: 11.041 min Scan# 1362
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

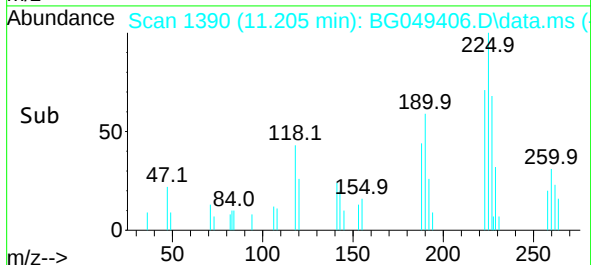
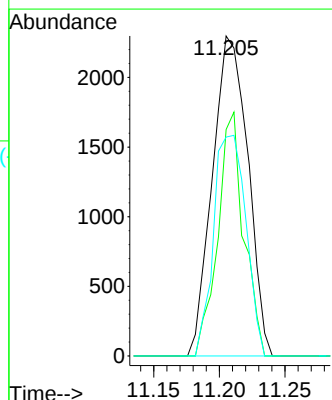
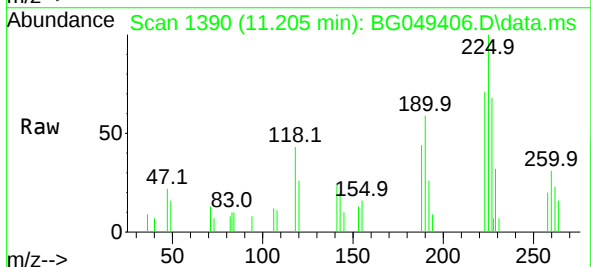
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

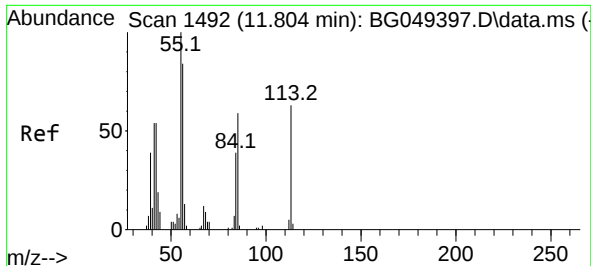
Tgt Ion:	127	Resp:	6760
Ion Ratio	Lower	Upper	
127	100		
129	35.7	26.7	40.1
65	25.7	32.8	49.2#
92	23.6	16.2	24.4



#34
Hexachlorobutadiene
Concen: 3.913 ng
RT: 11.205 min Scan# 1390
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	225	Resp:	4318
Ion Ratio	Lower	Upper	
225	100		
223	70.8	49.8	74.8
227	68.4	46.4	69.6

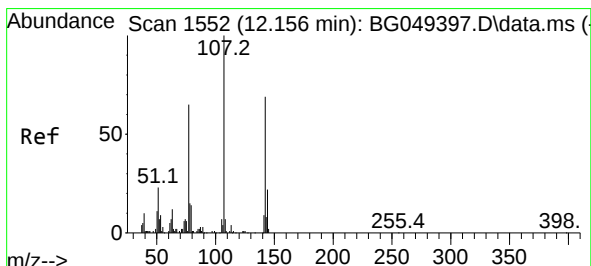
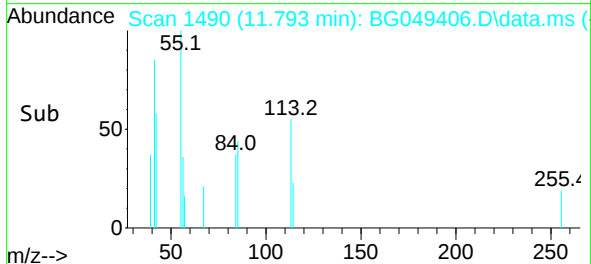
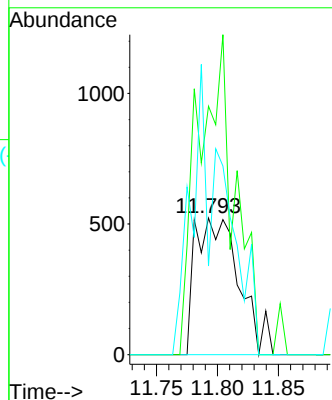
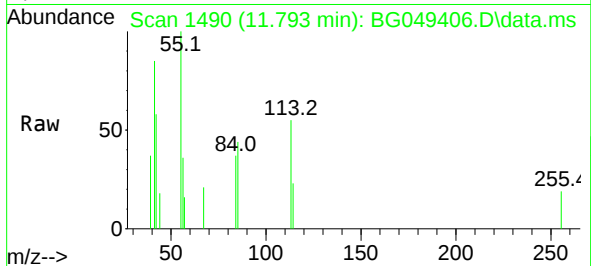




#35
Caprolactam
Concen: 3.096 ng
RT: 11.793 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

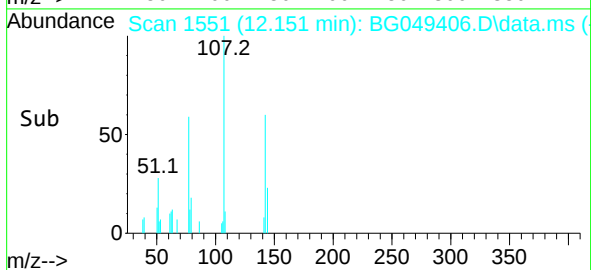
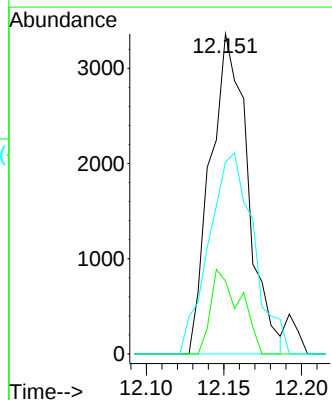
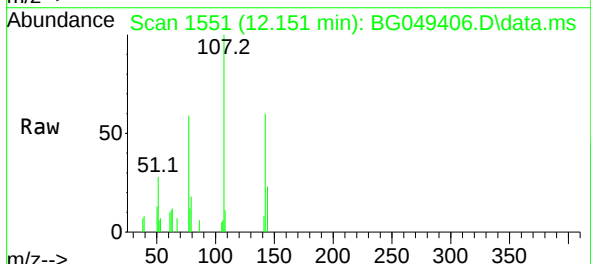
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

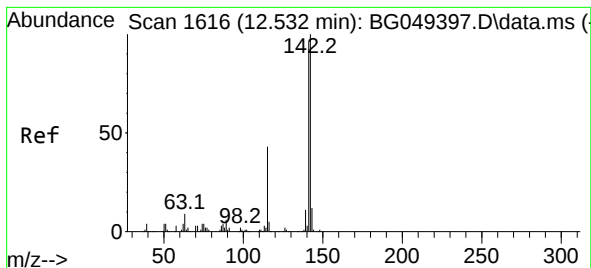
Tgt Ion:113 Resp: 1311
Ion Ratio Lower Upper
113 100
55 181.8 113.8 153.8#
56 64.8 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 3.497 ng
RT: 12.151 min Scan# 1551
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:107 Resp: 5624
Ion Ratio Lower Upper
107 100
144 22.8 24.8 37.2#
142 60.0 62.2 93.4#

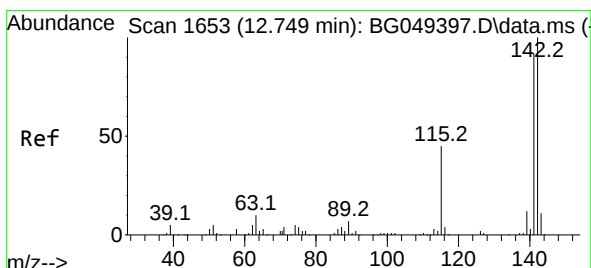
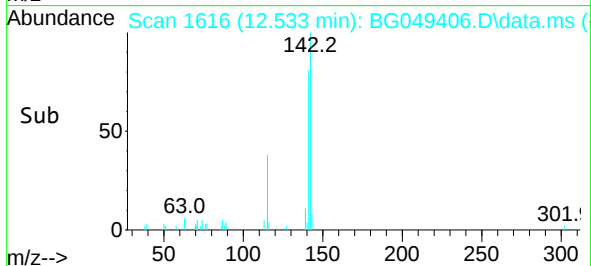
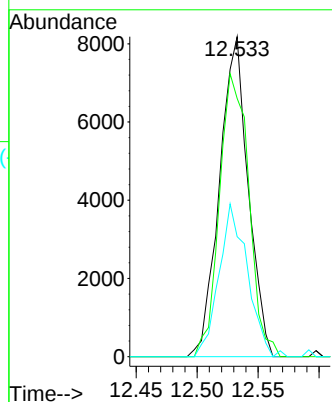
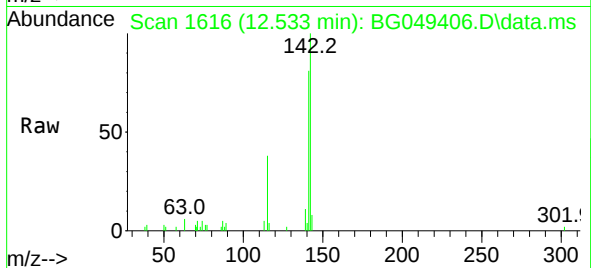




#37
2-Methylnaphthalene
Concen: 4.030 ng
RT: 12.533 min Scan# 1616
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

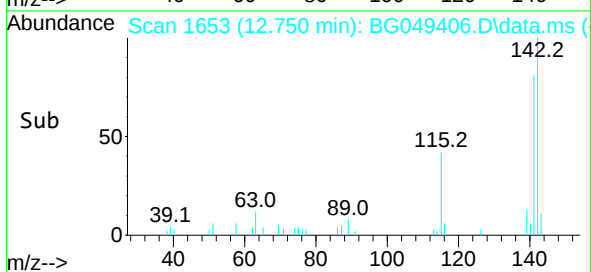
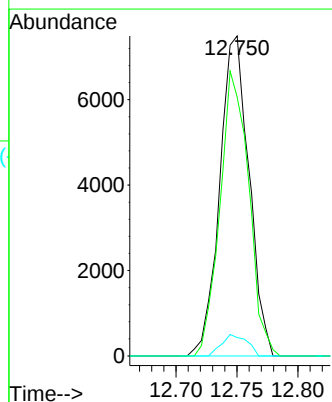
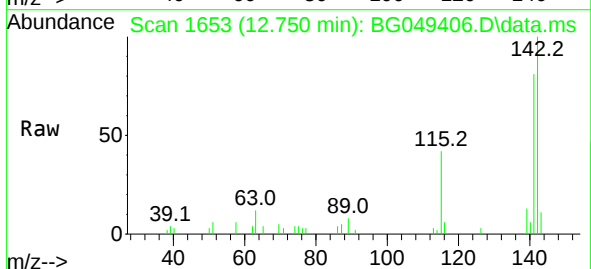
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

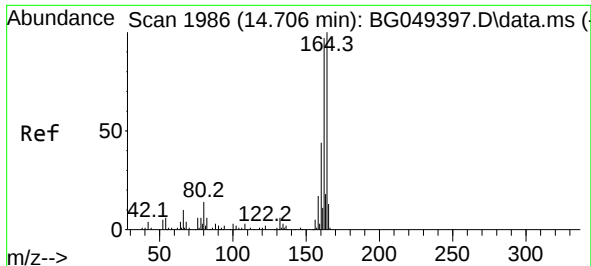
Tgt Ion:142 Resp: 13408
Ion Ratio Lower Upper
142 100
141 80.7 68.8 103.2
115 37.5 36.4 54.6



#38
1-Methylnaphthalene
Concen: 3.941 ng
RT: 12.750 min Scan# 1653
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:142 Resp: 12538
Ion Ratio Lower Upper
142 100
141 80.9 70.6 106.0
116 5.7 4.0 6.0

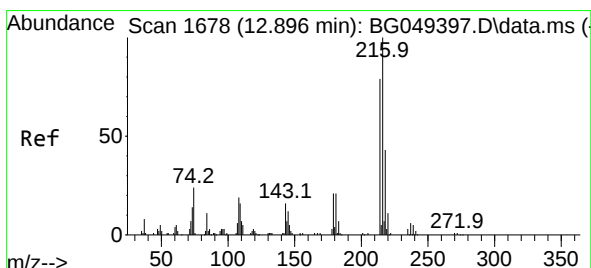
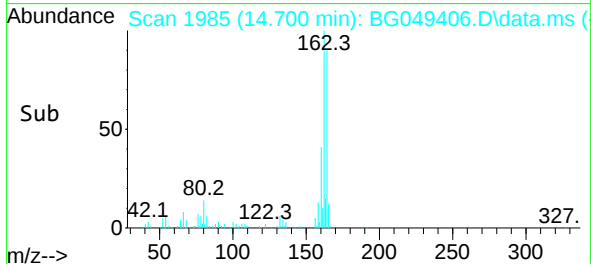
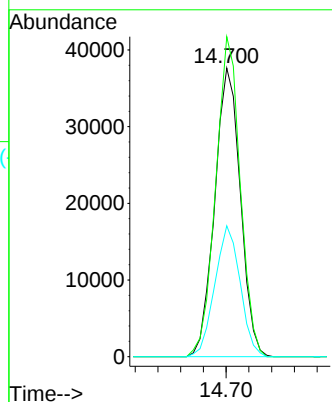
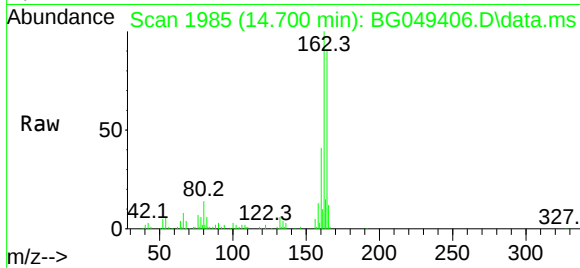




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.700 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

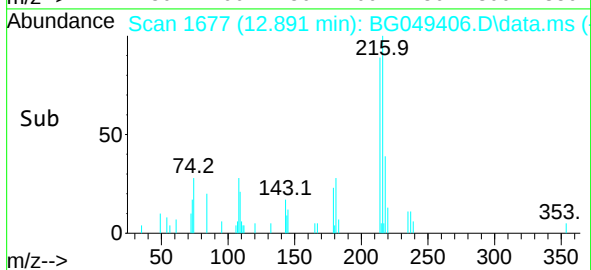
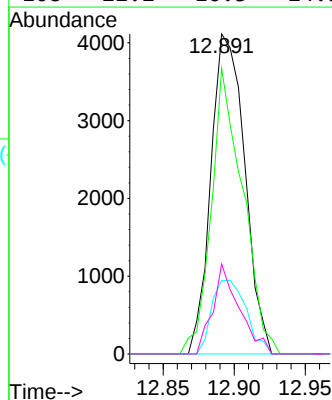
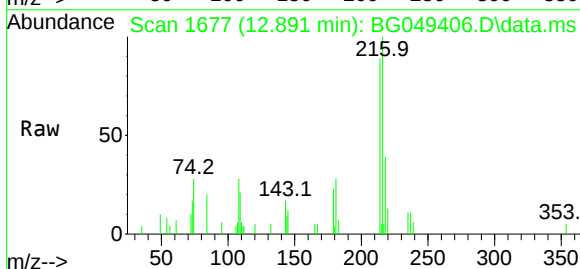
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

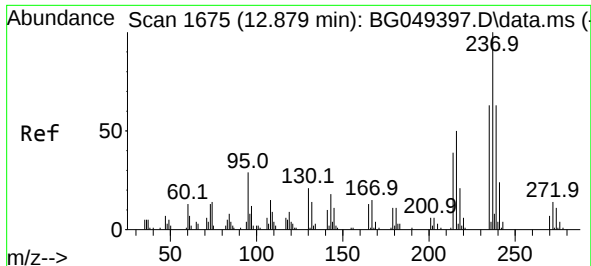
Tgt Ion:164 Resp: 58943
Ion Ratio Lower Upper
164 100
162 110.9 81.4 122.0
160 45.4 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.902 ng
RT: 12.891 min Scan# 1677
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:216 Resp: 6802
Ion Ratio Lower Upper
216 100
214 83.1 61.4 92.2
179 23.4 17.3 25.9
108 22.2 16.3 24.5

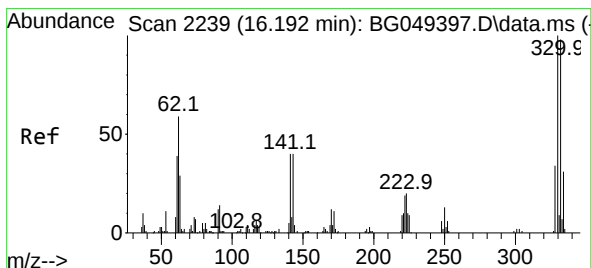
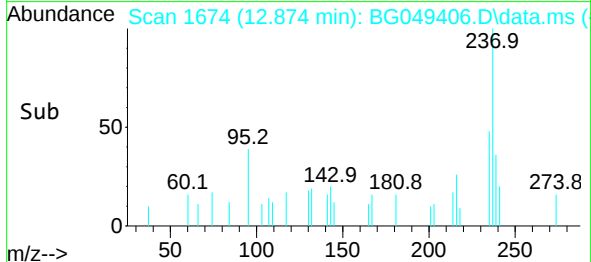
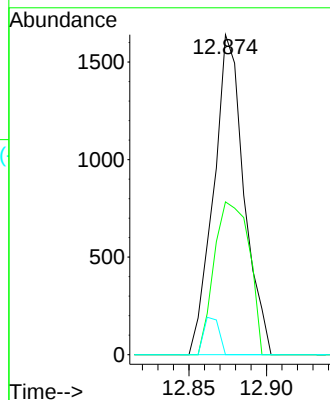
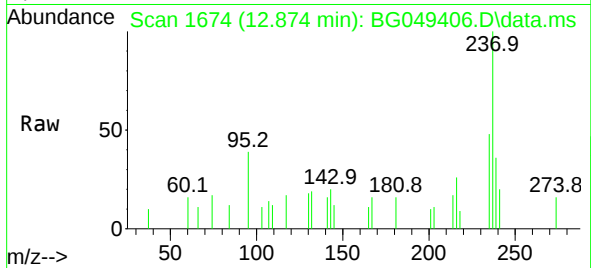




#41
Hexachlorocyclopentadiene
Concen: 2.869 ng
RT: 12.874 min Scan# 1674
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

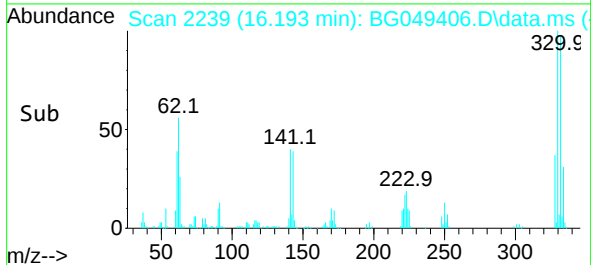
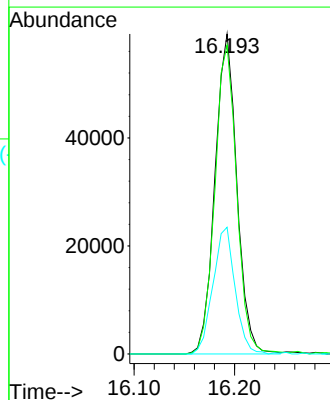
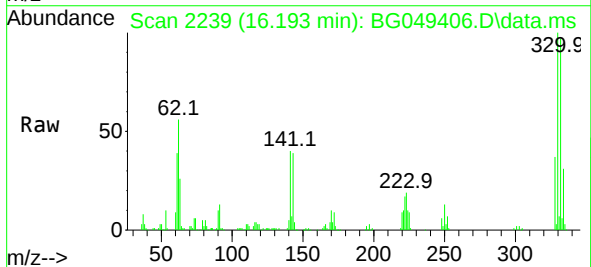
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

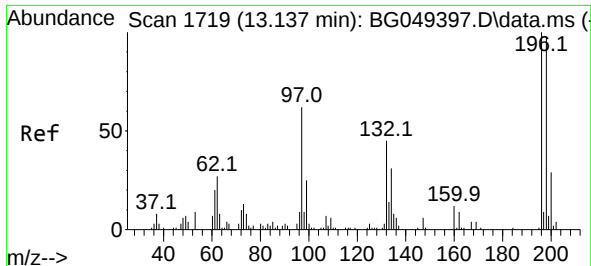
Tgt Ion:237	Resp:	2232
Ion Ratio	Lower	Upper
237	100	
235	47.7	36.6 76.6
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 113.803 ng
RT: 16.193 min Scan# 2239
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:330	Resp:	89831
Ion Ratio	Lower	Upper
330	100	
332	96.2	77.3 115.9
141	39.8	35.6 53.4

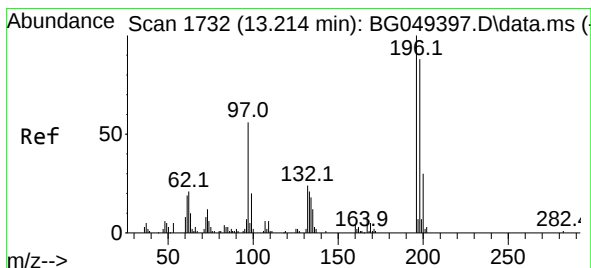
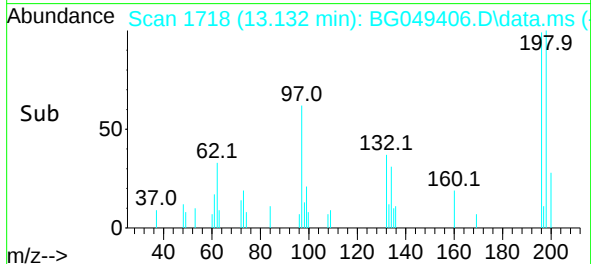
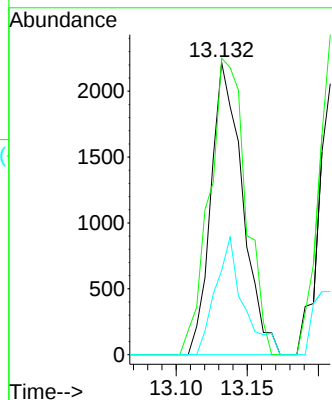
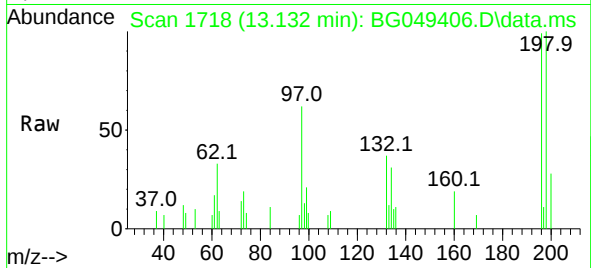




#43
2,4,6-Trichlorophenol
Concen: 3.009 ng
RT: 13.132 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

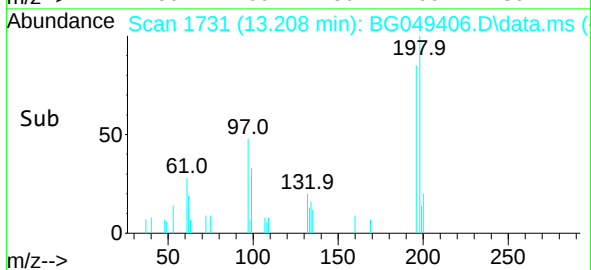
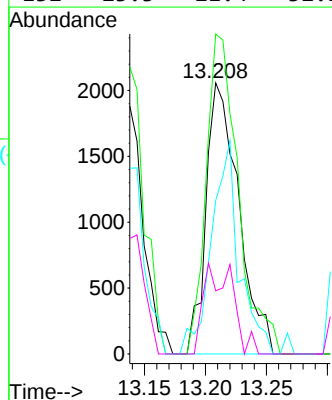
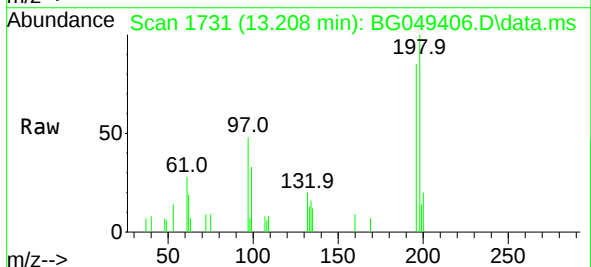
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

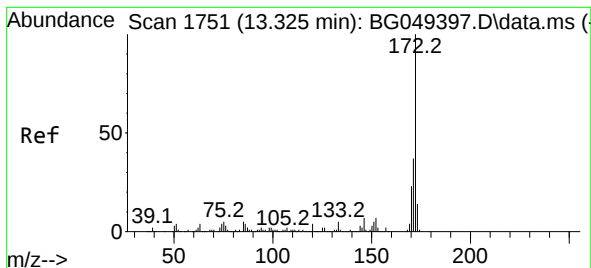
Tgt Ion:196 Resp: 3421
Ion Ratio Lower Upper
196 100
198 101.4 82.1 123.1
200 28.8 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 3.118 ng
RT: 13.208 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:196 Resp: 3835
Ion Ratio Lower Upper
196 100
198 118.1 87.4 131.0
97 56.6 43.3 64.9
132 23.3 21.4 32.2

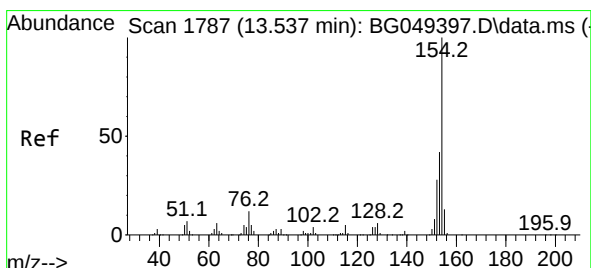
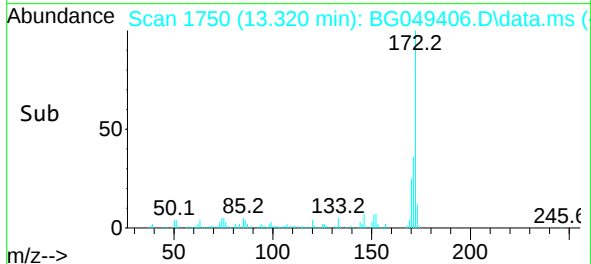
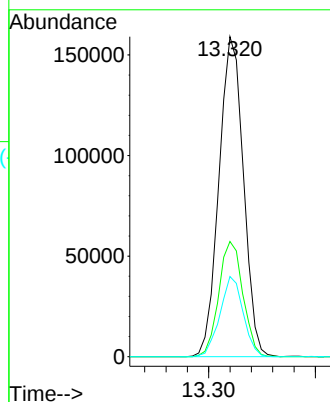
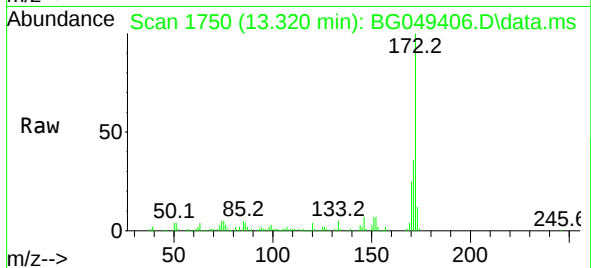




#45
2-Fluorobiphenyl
Concen: 61.841 ng
RT: 13.320 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

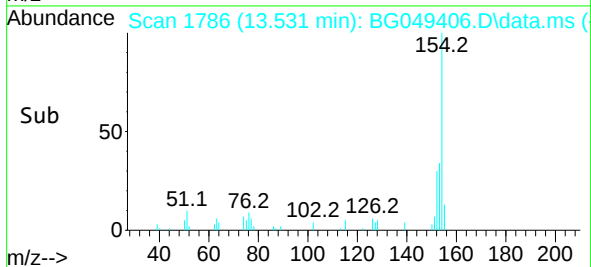
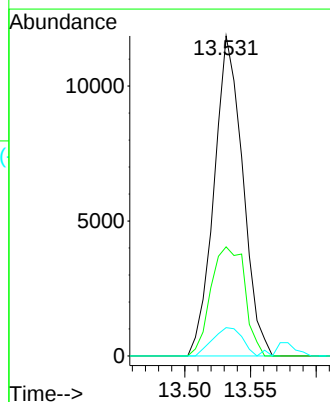
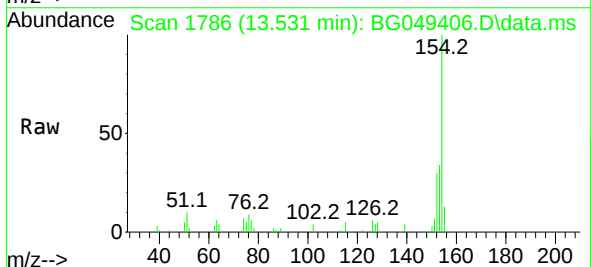
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

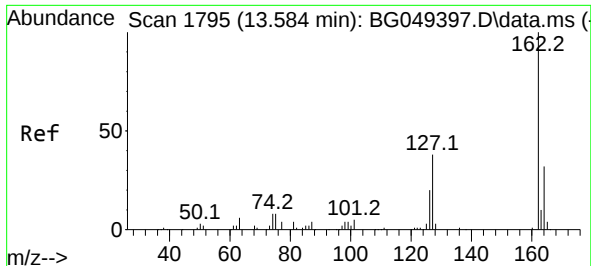
Tgt Ion:	172	Resp:	253321
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	25.1	18.6	27.8



#46
1,1'-Biphenyl
Concen: 4.163 ng
RT: 13.531 min Scan# 1786
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	154	Resp:	17990
Ion Ratio	Lower	Upper	
154	100		
153	34.1	20.5	60.5
76	8.8	0.0	29.3

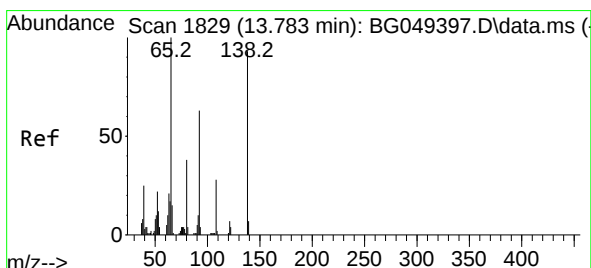
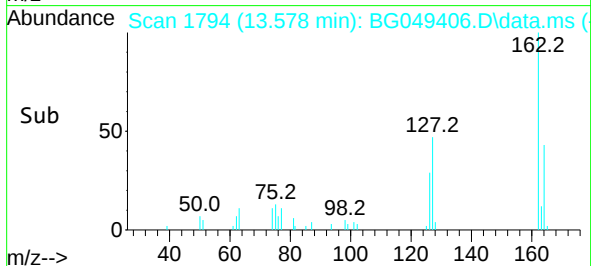
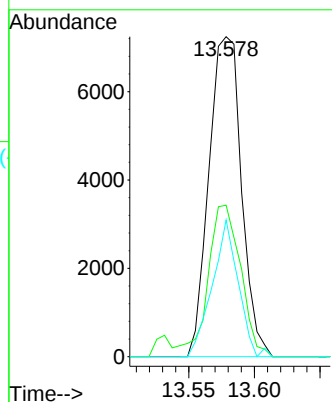
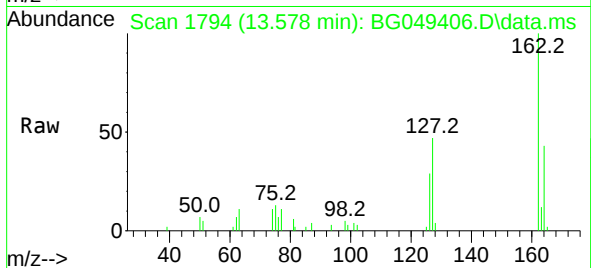




#47
2-Chloronaphthalene
Concen: 3.759 ng
RT: 13.578 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

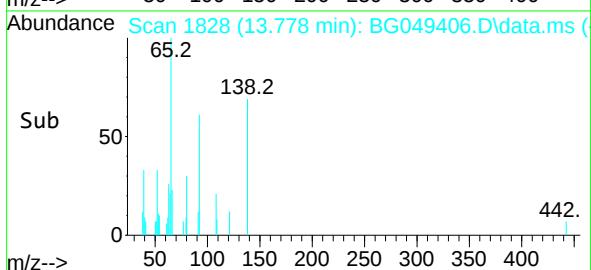
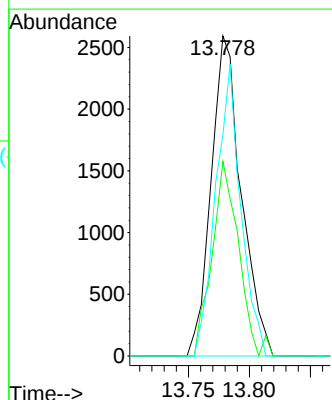
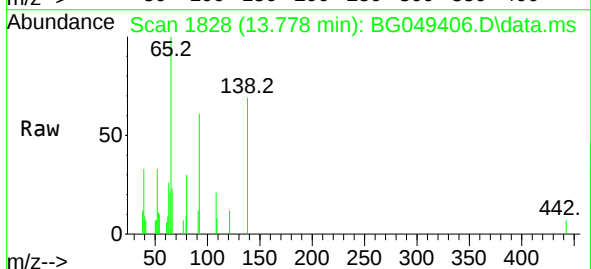
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

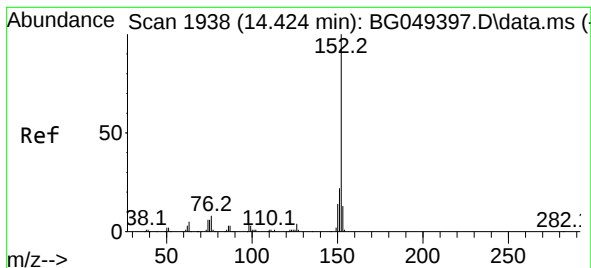
Tgt Ion:162 Resp: 12475
Ion Ratio Lower Upper
162 100
127 47.4 32.7 49.1
164 42.7 27.0 40.4#



#48
2-Nitroaniline
Concen: 3.850 ng
RT: 13.778 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 65 Resp: 4447
Ion Ratio Lower Upper
65 100
92 60.8 47.2 70.8
138 69.1 68.0 102.0

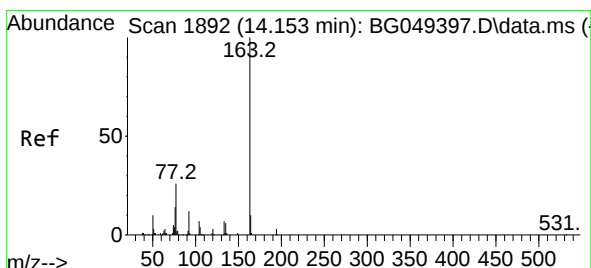
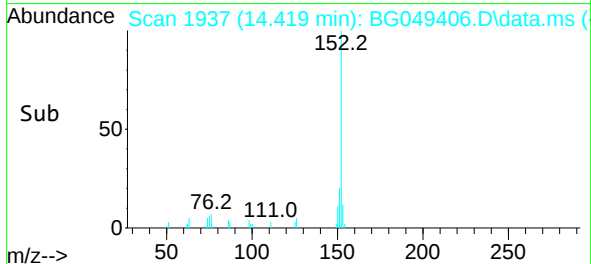
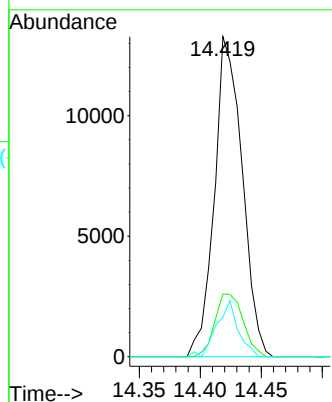
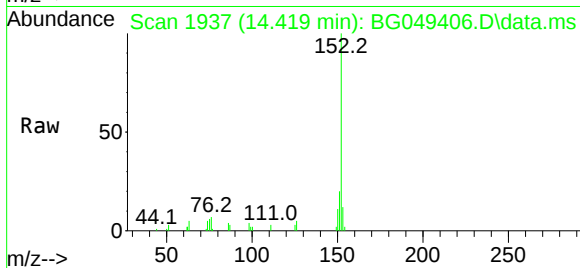




#49
Acenaphthylene
Concen: 3.910 ng
RT: 14.419 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

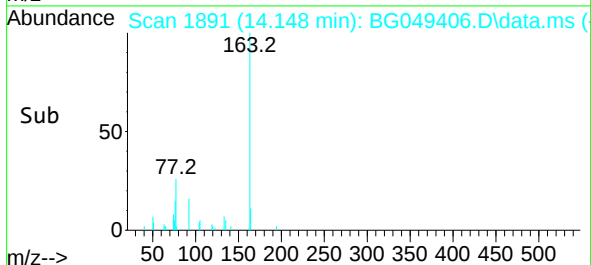
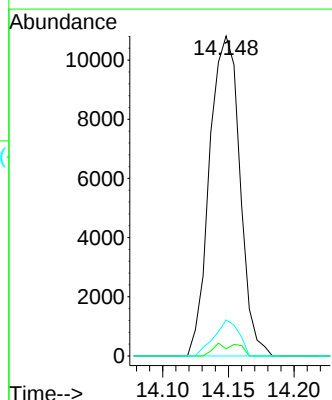
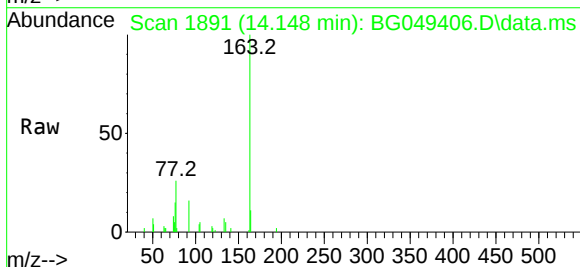
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

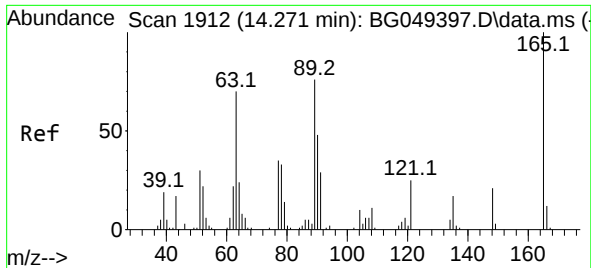
Tgt Ion:152	Resp:	21042
Ion Ratio	Lower	Upper
152	100	
151	19.6	18.2 27.4
153	12.3	11.7 17.5



#50
Dimethylphthalate
Concen: 4.053 ng
RT: 14.148 min Scan# 1891
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:163	Resp:	17355
Ion Ratio	Lower	Upper
163	100	
194	2.2	3.0 4.6#
164	11.3	8.6 12.8

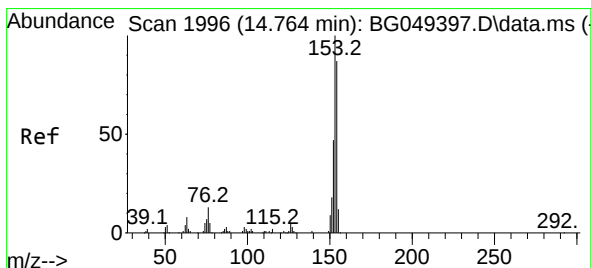
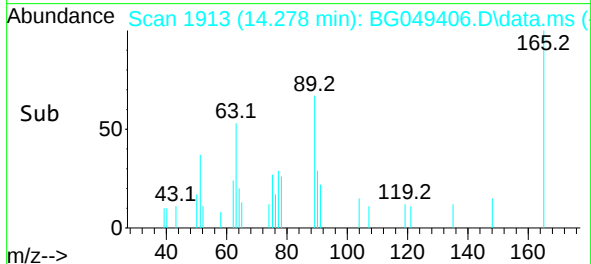
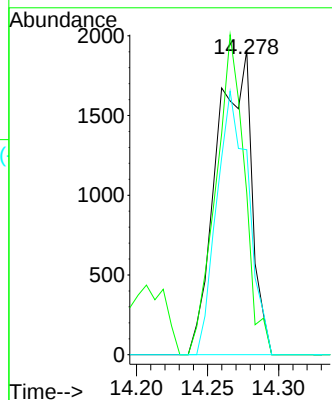
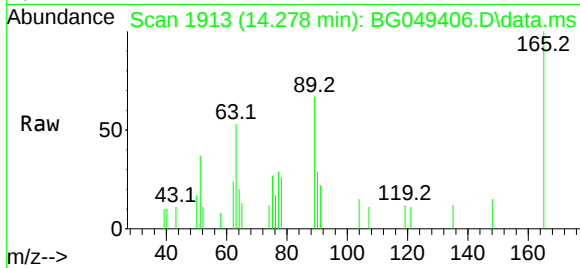




#51
2,6-Dinitrotoluene
Concen: 3.503 ng
RT: 14.278 min Scan# 1913
Delta R.T. 0.007 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

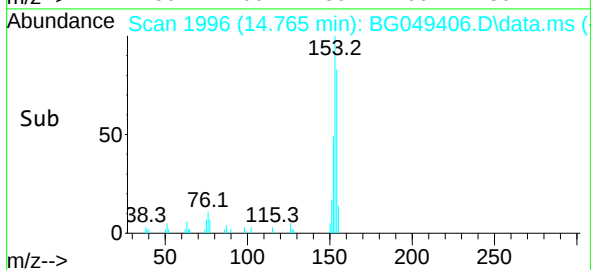
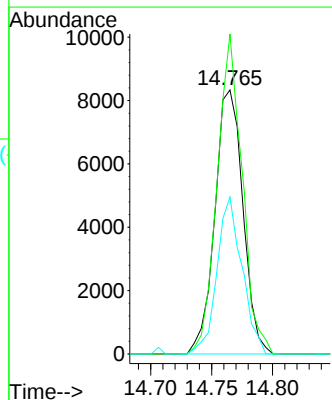
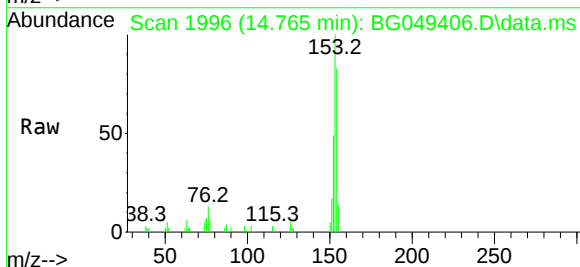
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

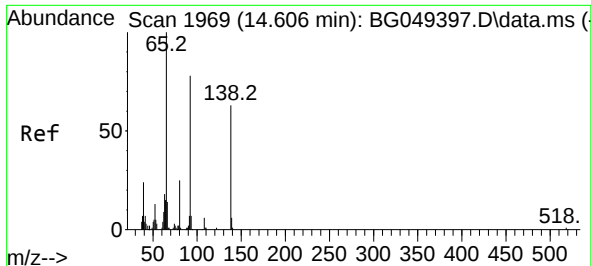
Tgt Ion:165 Resp: 3257
Ion Ratio Lower Upper
165 100
63 53.1 63.3 94.9#
89 67.3 63.4 95.0



#52
Acenaphthene
Concen: 4.110 ng
RT: 14.765 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:154 Resp: 13351
Ion Ratio Lower Upper
154 100
153 121.2 87.0 130.4
152 59.4 40.1 60.1

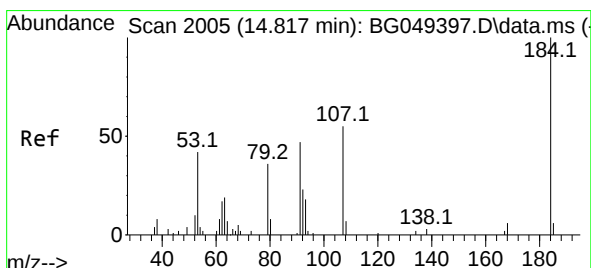
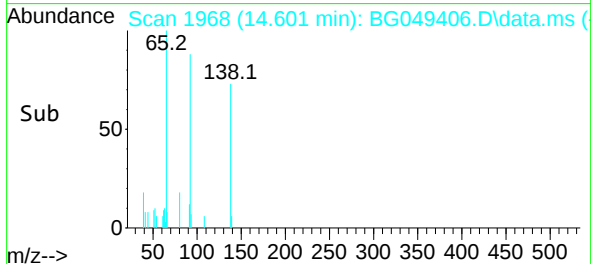
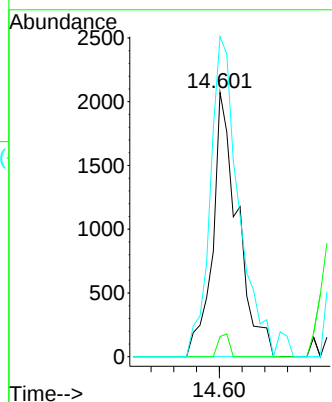
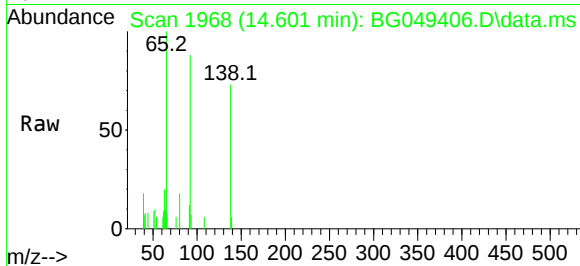




#53
3-Nitroaniline
Concen: 3.406 ng
RT: 14.601 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

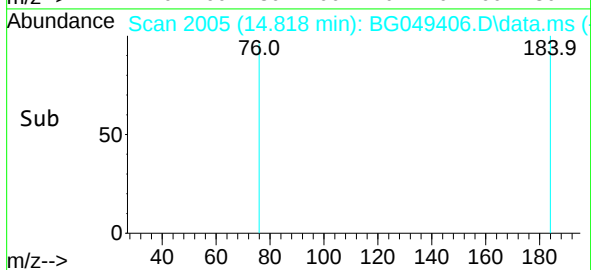
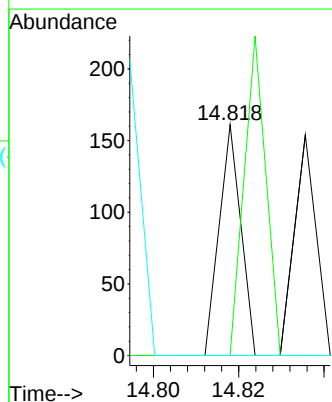
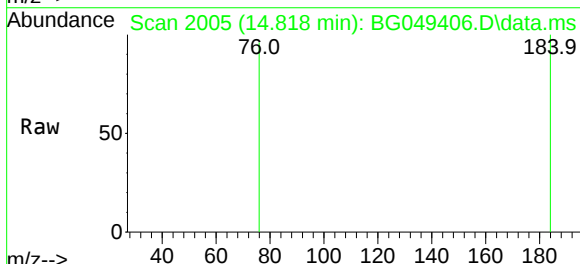
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

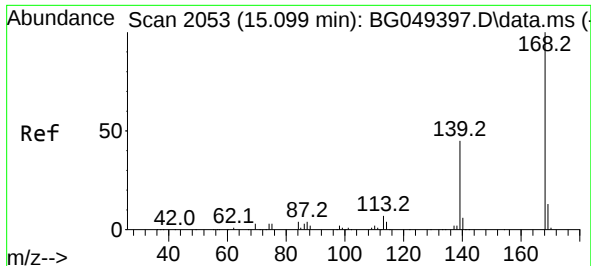
Tgt Ion:138 Resp: 3175
Ion Ratio Lower Upper
138 100
108 7.7 8.3 12.5#
92 121.1 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 0.146 ng
RT: 14.818 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

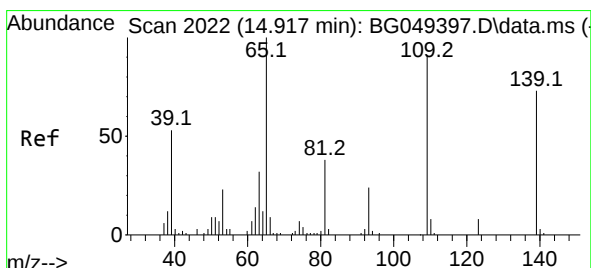
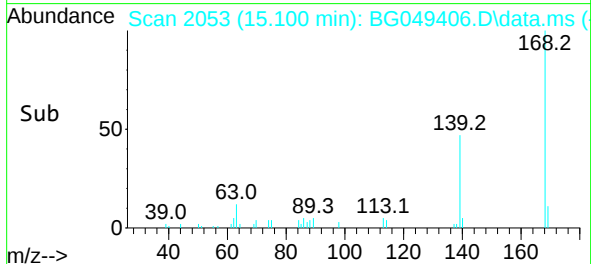
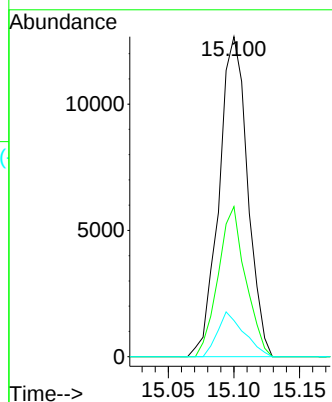
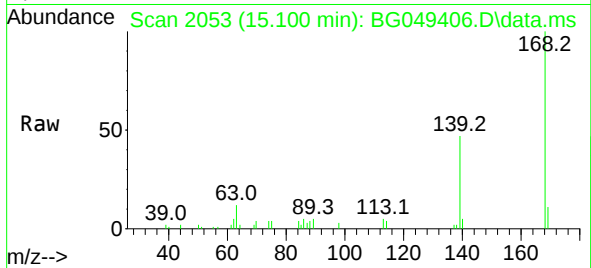




#55
Dibenzenofuran
Concen: 3.677 ng
RT: 15.100 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

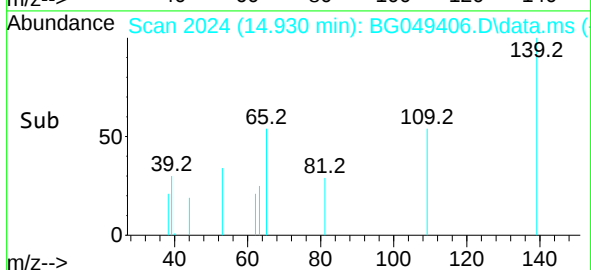
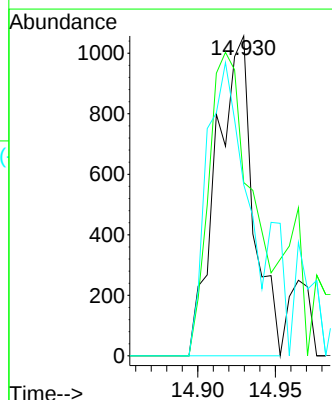
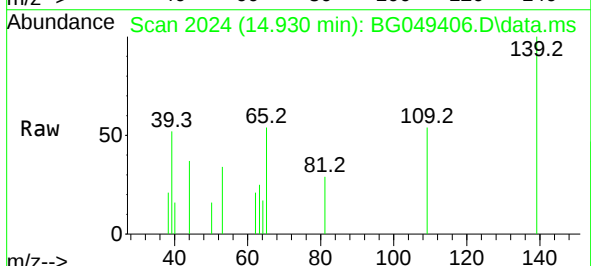
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

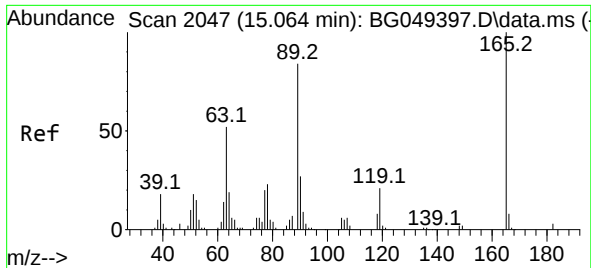
Tgt Ion:168 Resp: 19163
Ion Ratio Lower Upper
168 100
139 46.9 33.4 50.2
169 11.3 12.3 18.5#



#56
4-Nitrophenol
Concen: 2.380 ng
RT: 14.930 min Scan# 2024
Delta R.T. 0.013 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:139 Resp: 1750
Ion Ratio Lower Upper
139 100
109 54.2 116.3 156.3#
65 53.5 105.0 145.0#

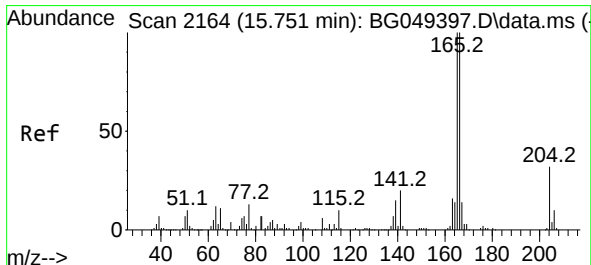
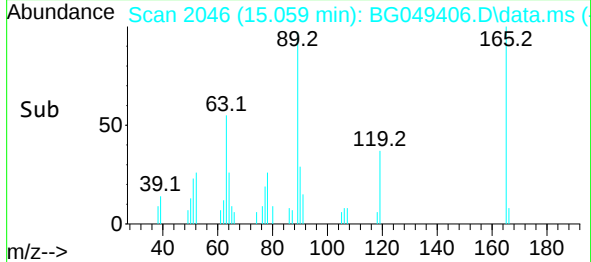
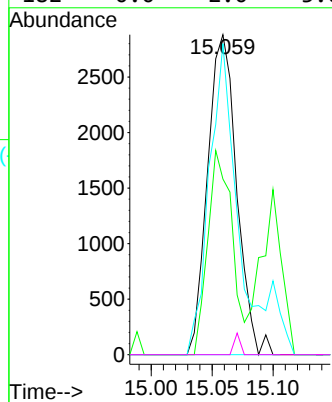
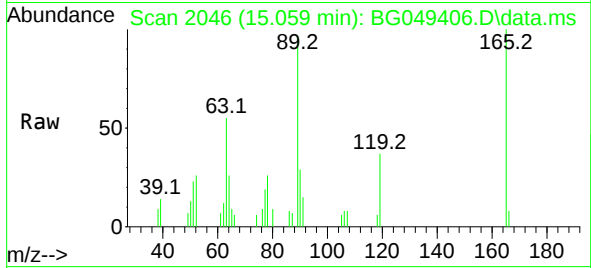




#57
2,4-Dinitrotoluene
Concen: 3.713 ng
RT: 15.059 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

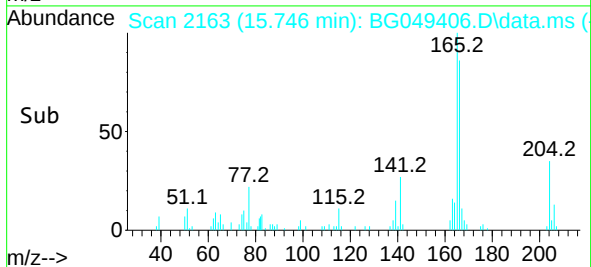
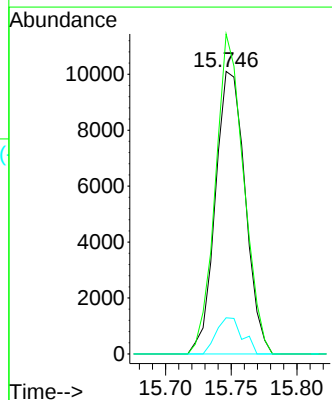
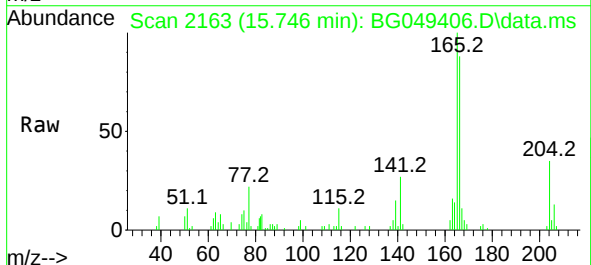
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

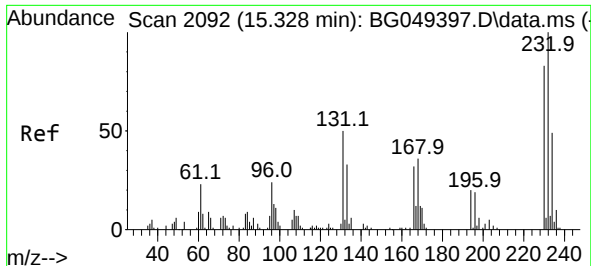
Tgt Ion:165 Resp: 4771
Ion Ratio Lower Upper
165 100
63 54.9 48.0 72.0
89 97.2 65.4 98.0
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 3.773 ng
RT: 15.746 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:166 Resp: 15935
Ion Ratio Lower Upper
166 100
165 113.3 77.7 116.5
167 12.8 10.8 16.2

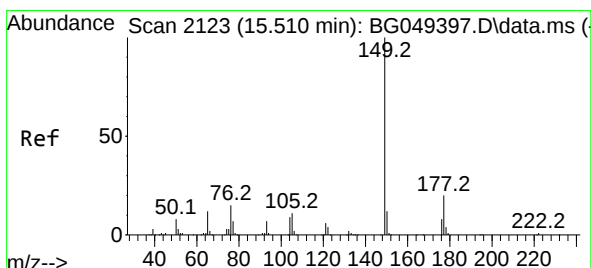
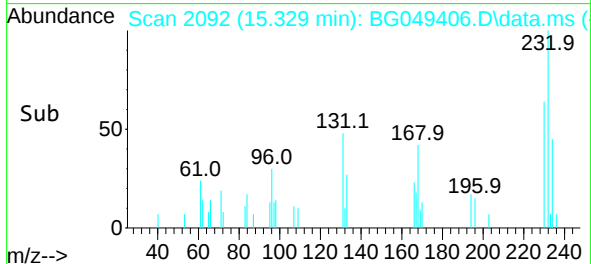
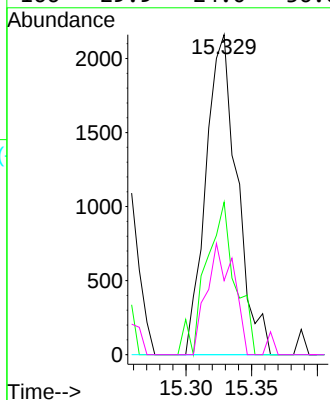
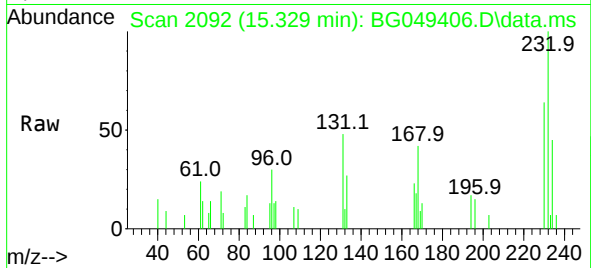




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.184 ng
RT: 15.329 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

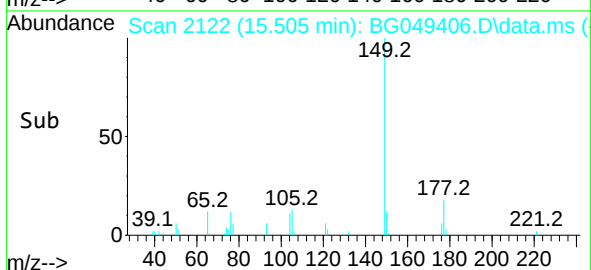
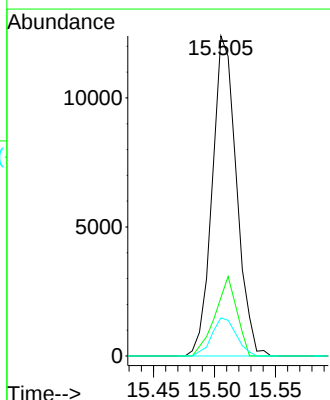
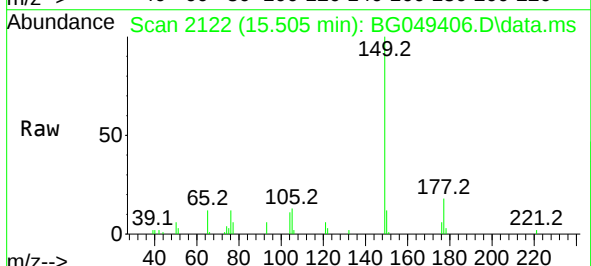
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

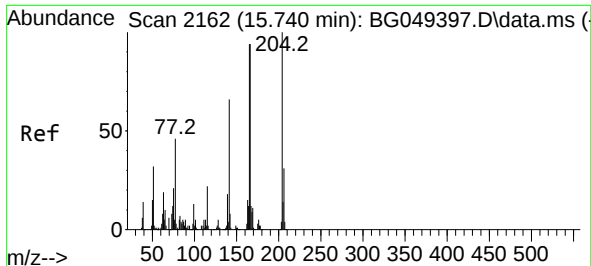
Tgt Ion:232	Resp:	3580
Ion Ratio	Lower	Upper
232	100	
131	45.1	37.2 55.8
130	0.0	2.8 4.2#
166	29.9	24.0 36.0



#60
Diethylphthalate
Concen: 3.981 ng
RT: 15.505 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:149	Resp:	17125
Ion Ratio	Lower	Upper
149	100	
177	18.3	19.0 28.6#
150	11.9	10.2 15.4

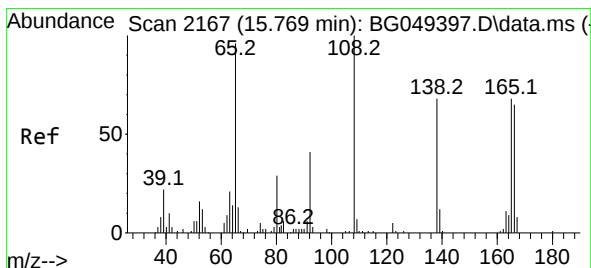
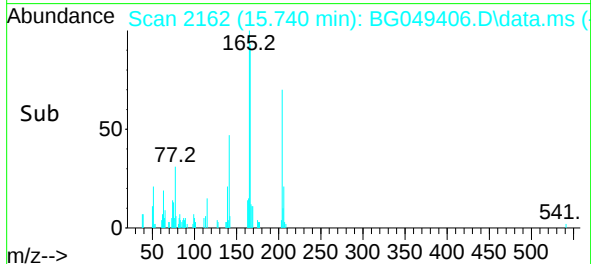
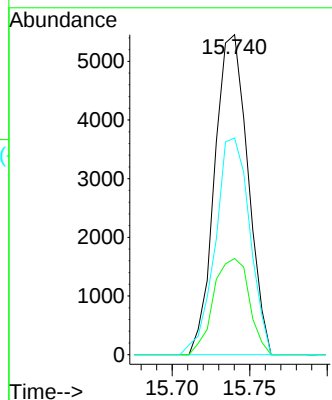
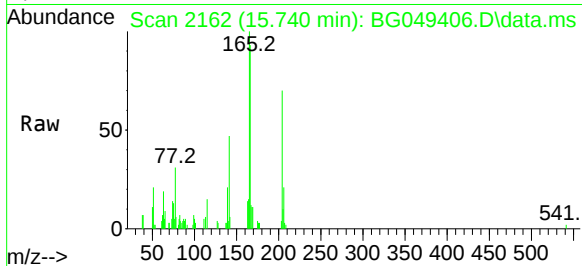




#61
4-Chlorophenyl-phenylether
Concen: 3.776 ng
RT: 15.740 min Scan# 2162
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

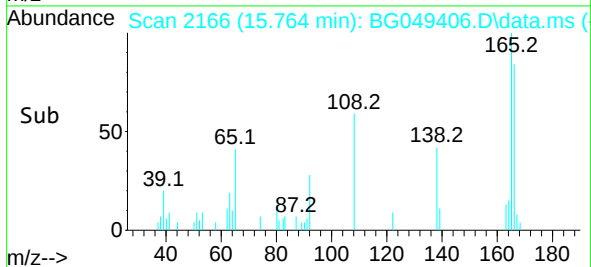
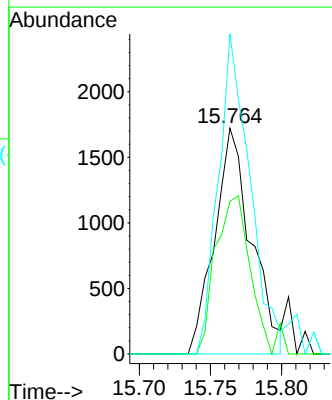
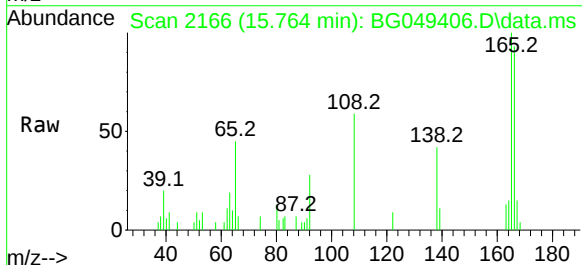
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

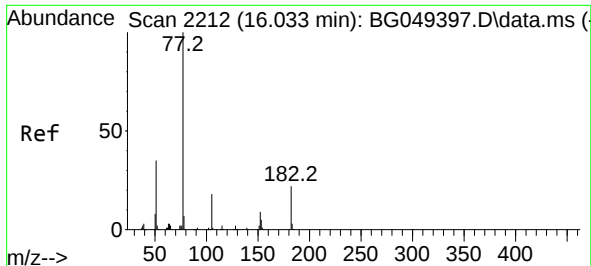
Tgt Ion:	204	Resp:	8111
Ion Ratio	Lower	Upper	
204	100		
206	30.1	24.6	37.0
141	67.7	47.8	71.8



#62
4-Nitroaniline
Concen: 3.151 ng
RT: 15.764 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

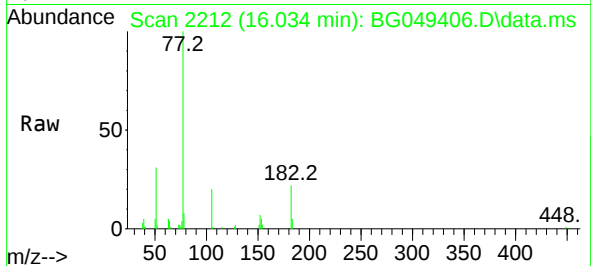
Tgt Ion:	138	Resp:	3092
Ion Ratio	Lower	Upper	
138	100		
92	67.6	32.3	72.3
108	141.8	132.4	172.4



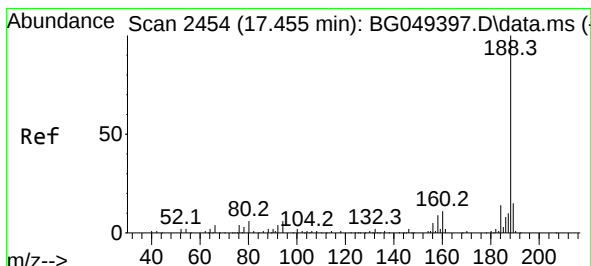
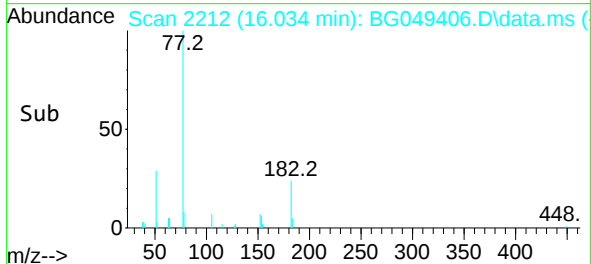
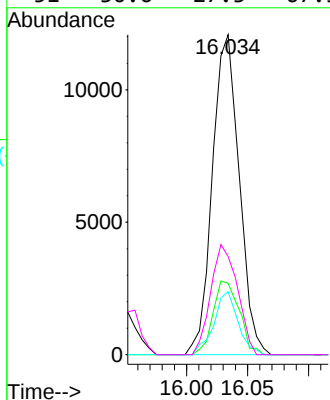


#63
Azobenzene
Concen: 3.882 ng
RT: 16.034 min Scan# 2212
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

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

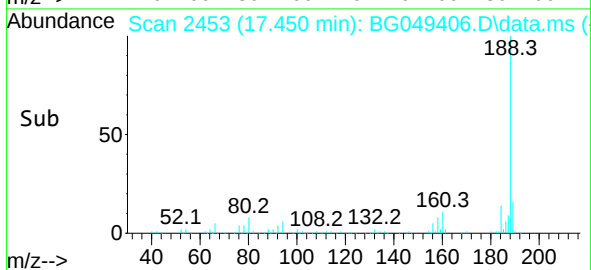
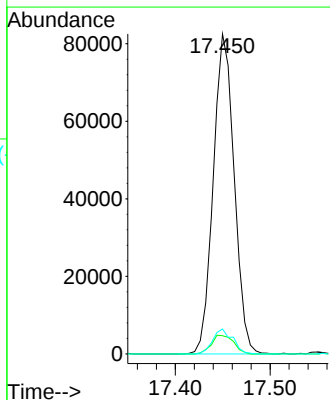
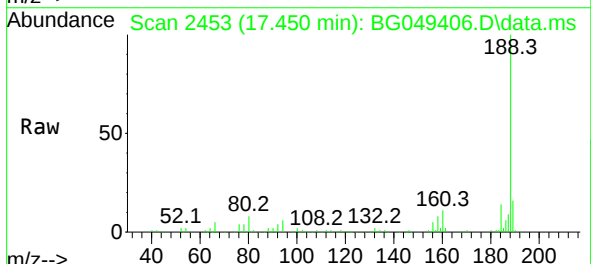


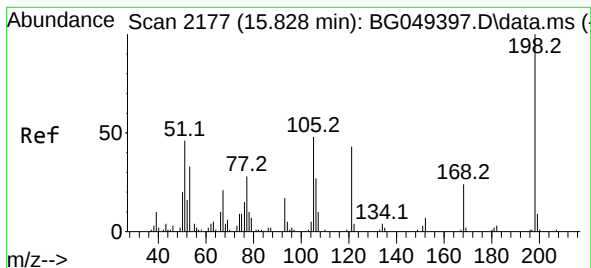
Tgt Ion: 77	Resp: 18488
Ion Ratio	Lower Upper
77 100	
182 22.3	7.9 47.9
105 19.7	0.0 37.9
51 30.6	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion: 188	Resp: 126456
Ion Ratio	Lower Upper
188 100	
94 5.7	5.4 8.0
80 7.8	3.7 5.5#

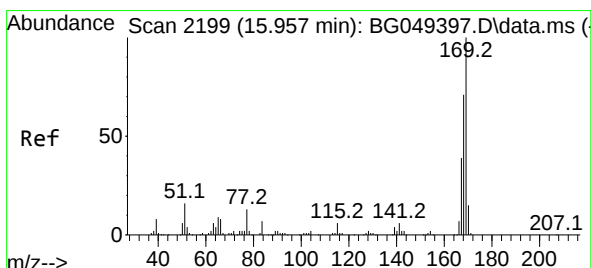
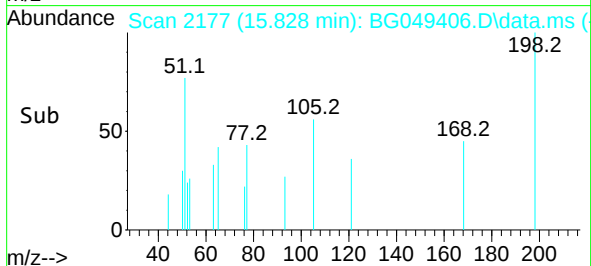
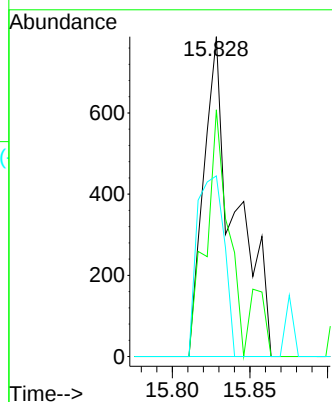
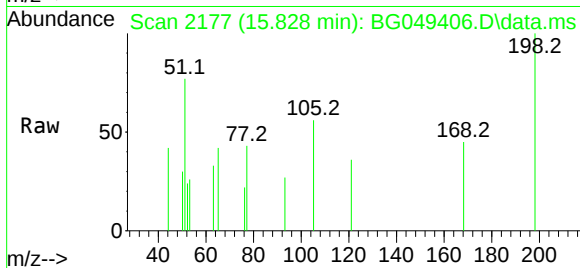




#65
4,6-Dinitro-2-methylphenol
Concen: 1.625 ng
RT: 15.828 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

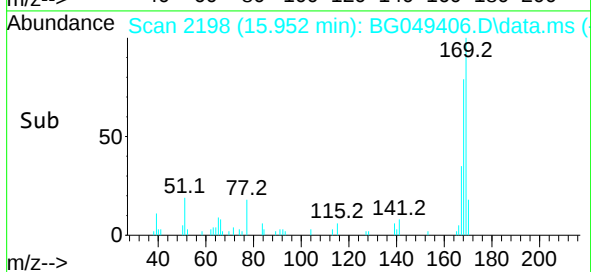
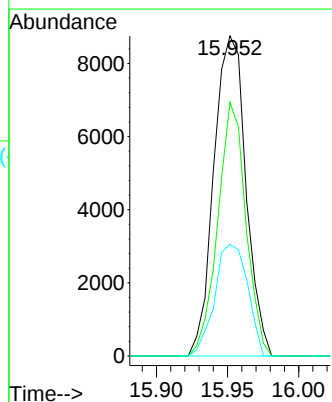
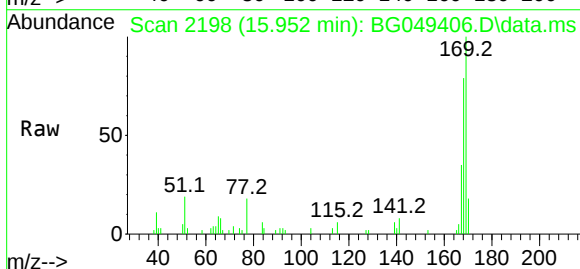
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

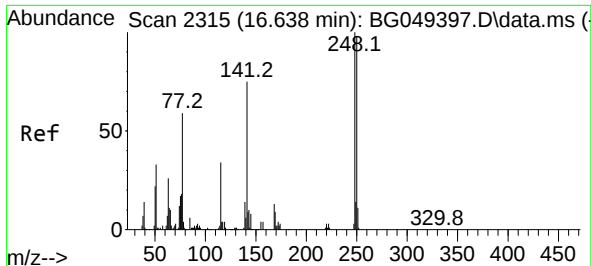
Tgt Ion:198 Resp: 1113
Ion Ratio Lower Upper
198 100
51 77.2 29.4 69.4#
105 56.5 15.1 55.1#



#66
n-Nitrosodiphenylamine
Concen: 3.777 ng
RT: 15.952 min Scan# 2198
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:169 Resp: 13720
Ion Ratio Lower Upper
169 100
168 79.2 56.3 84.5
167 34.8 28.4 42.6

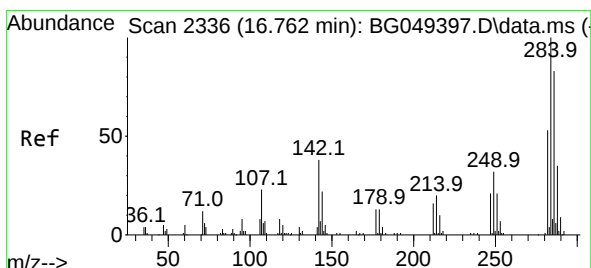
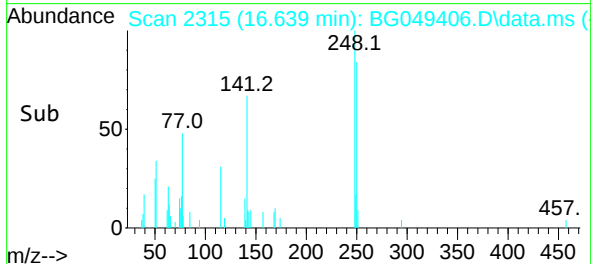
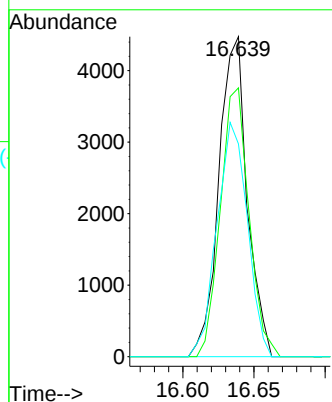
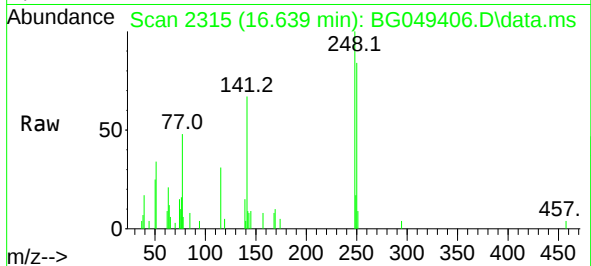




#67
4-Bromophenyl-phenylether
Concen: 4.325 ng
RT: 16.639 min Scan# 2315
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

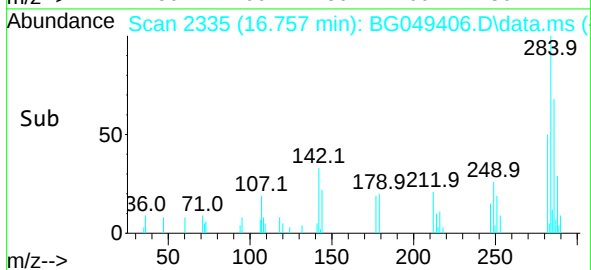
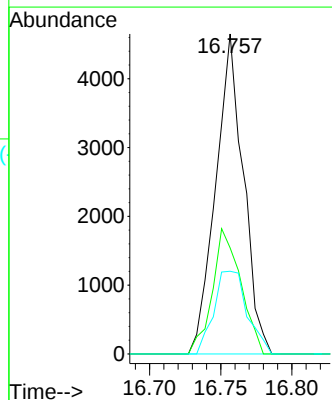
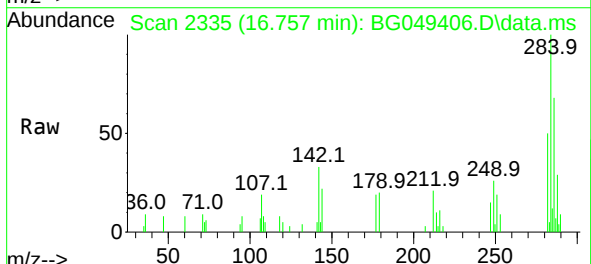
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

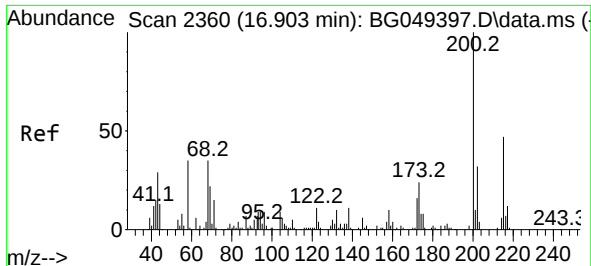
Tgt Ion:	248	Resp:	6195
Ion Ratio	Lower	Upper	
248	100		
250	84.0	76.1	114.1
141	66.5	65.4	98.2



#68
Hexachlorobenzene
Concen: 3.874 ng
RT: 16.757 min Scan# 2335
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:	284	Resp:	6283
Ion Ratio	Lower	Upper	
284	100		
142	33.1	27.0	40.6
249	25.8	28.2	42.2#

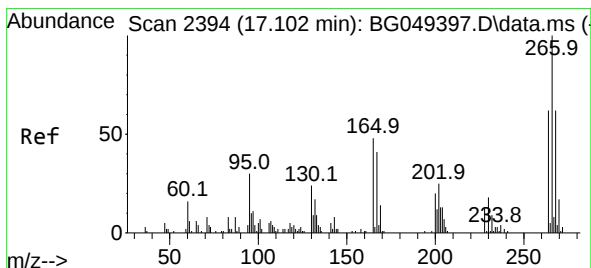
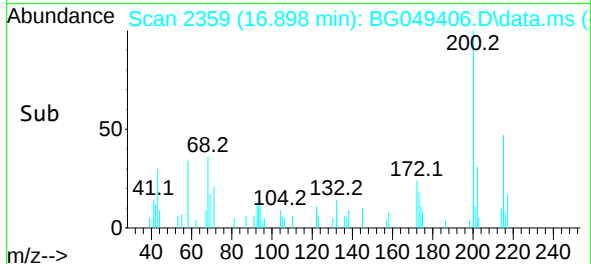
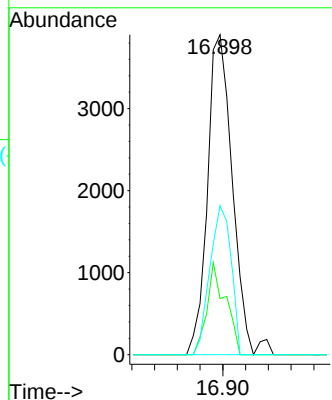
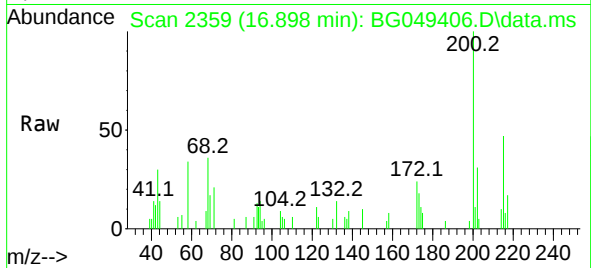




#69
 Atrazine
 Concen: 4.136 ng
 RT: 16.898 min Scan# 2359
 Delta R.T. -0.005 min
 Lab File: BG049406.D
 Acq: 22 Jul 2021 9:42

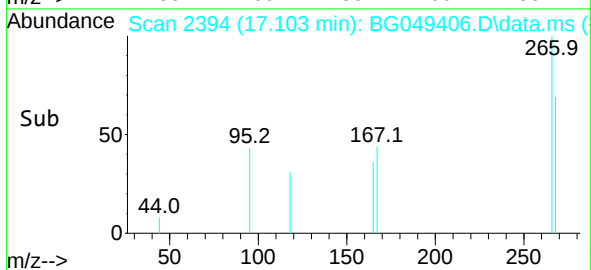
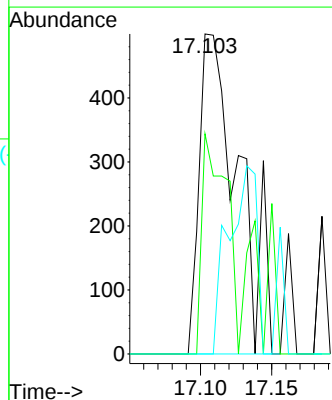
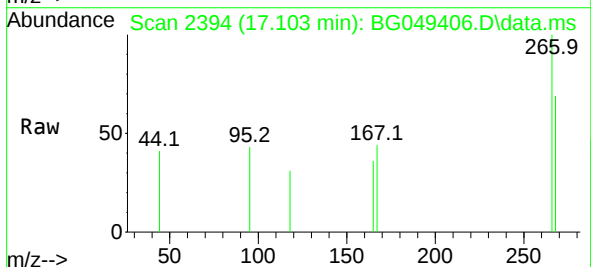
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

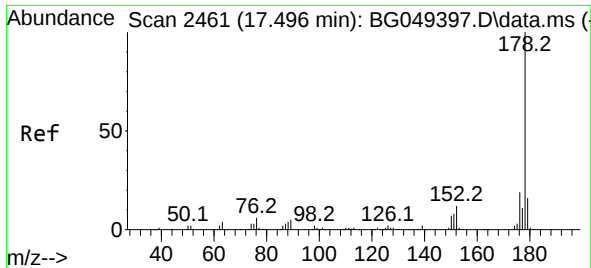
Tgt Ion:200 Resp: 5953
 Ion Ratio Lower Upper
 200 100
 173 17.6 3.7 43.7
 215 46.6 26.9 66.9



#70
 Pentachlorophenol
 Concen: 1.333 ng
 RT: 17.103 min Scan# 2394
 Delta R.T. 0.001 min
 Lab File: BG049406.D
 Acq: 22 Jul 2021 9:42

Tgt Ion:266 Resp: 972
 Ion Ratio Lower Upper
 266 100
 268 68.8 49.0 73.4
 264 0.0 49.0 73.6#

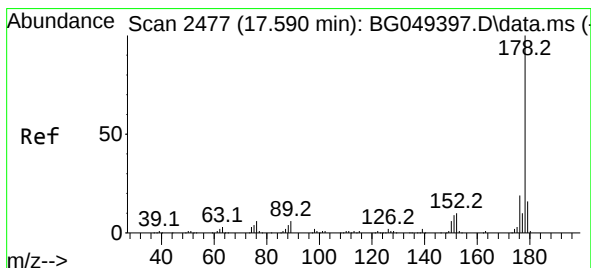
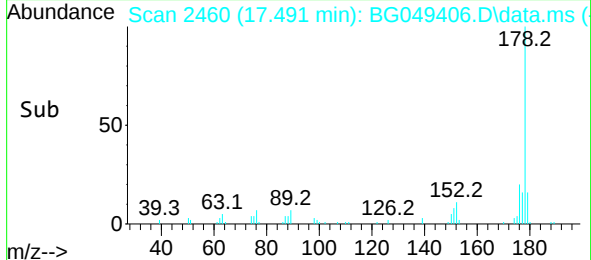
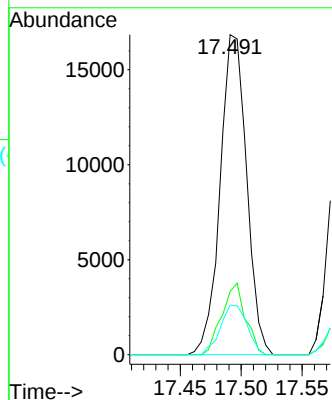
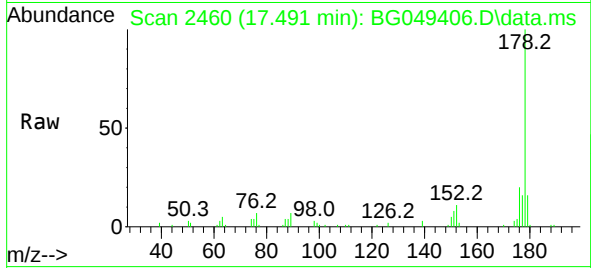




#71
Phenanthrene
Concen: 3.741 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

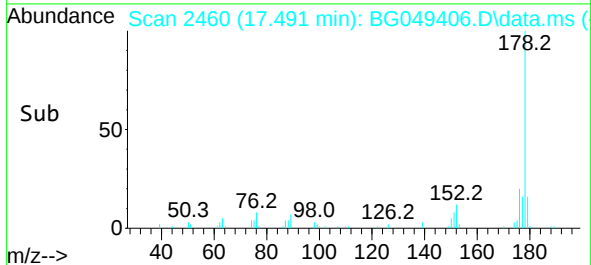
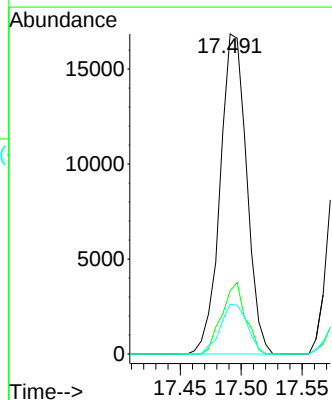
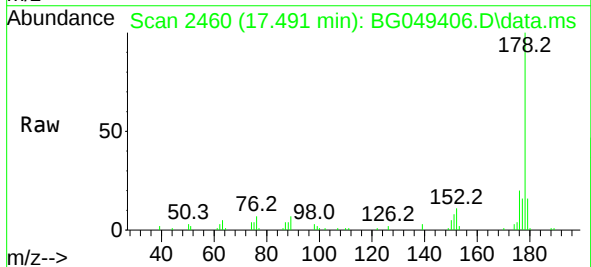
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

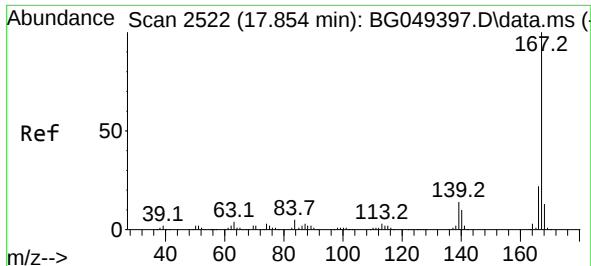
Tgt Ion:178 Resp: 25428
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.5 14.2 21.4



#72
Anthracene
Concen: 3.806 ng
RT: 17.491 min Scan# 2460
Delta R.T. -0.099 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:178 Resp: 25428
Ion Ratio Lower Upper
178 100
176 19.8 14.6 21.8
179 15.5 13.4 20.0

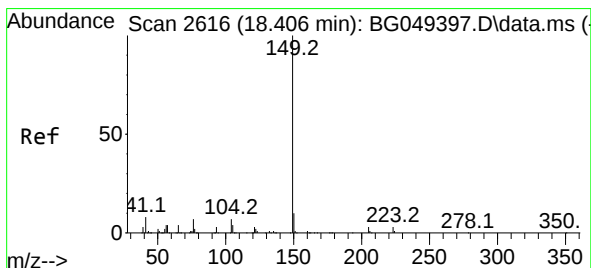
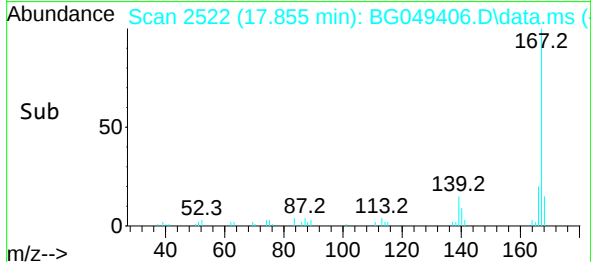
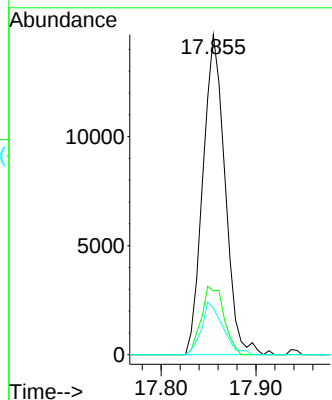
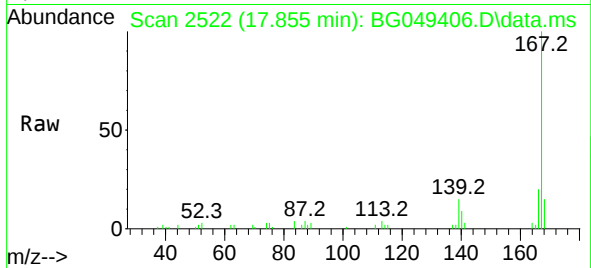




#73
 Carbazole
 Concen: 3.741 ng
 RT: 17.855 min Scan# 2522
 Delta R.T. 0.001 min
 Lab File: BG049406.D
 Acq: 22 Jul 2021 9:42

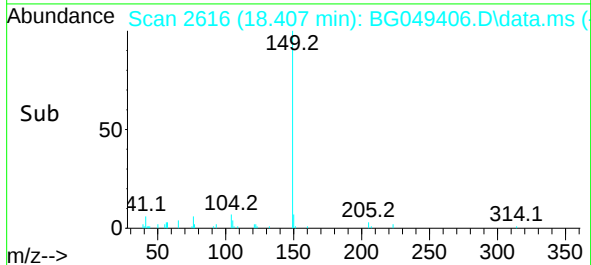
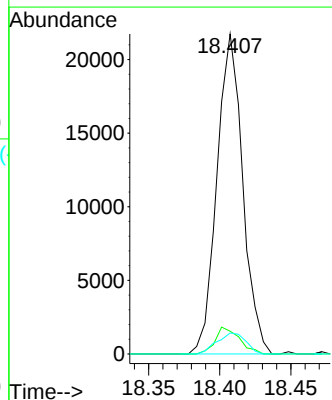
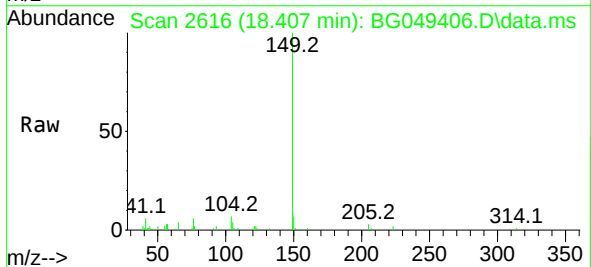
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

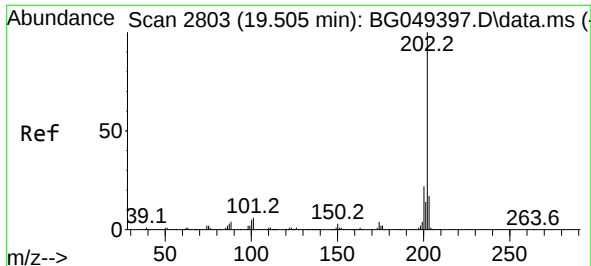
Tgt Ion:167	Resp:	23777
Ion Ratio	Lower	Upper
167	100	
166	20.0	17.4 26.2
139	14.6	10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 3.785 ng
 RT: 18.407 min Scan# 2616
 Delta R.T. 0.001 min
 Lab File: BG049406.D
 Acq: 22 Jul 2021 9:42

Tgt Ion:149	Resp:	27432
Ion Ratio	Lower	Upper
149	100	
150	7.1	7.5 11.3#
104	6.6	6.6 10.0#

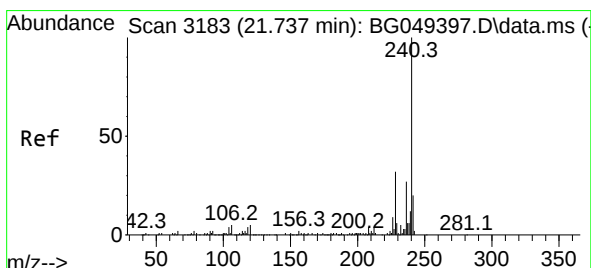
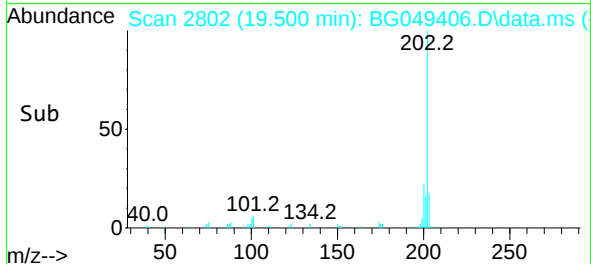
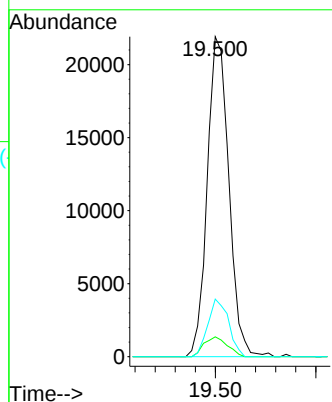
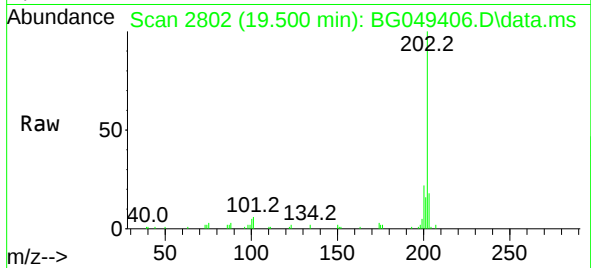




#75
Fluoranthene
Concen: 3.865 ng
RT: 19.500 min Scan# 2802
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

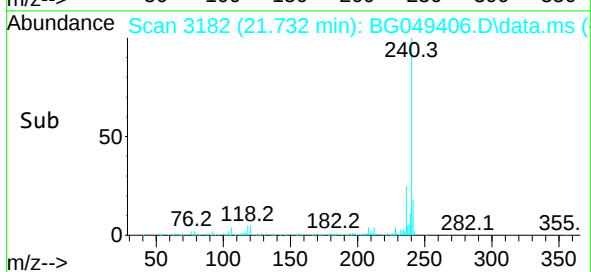
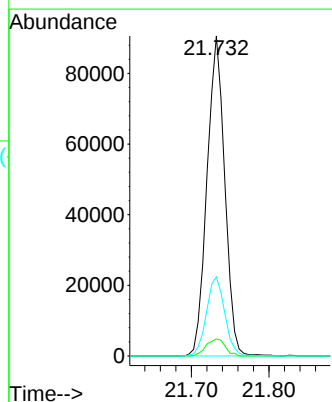
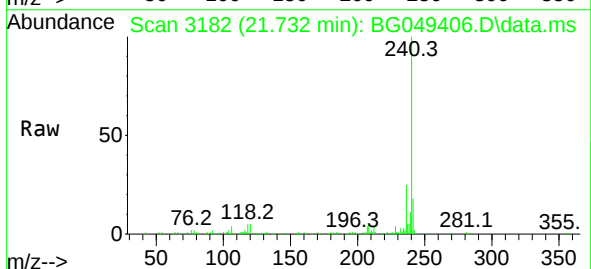
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

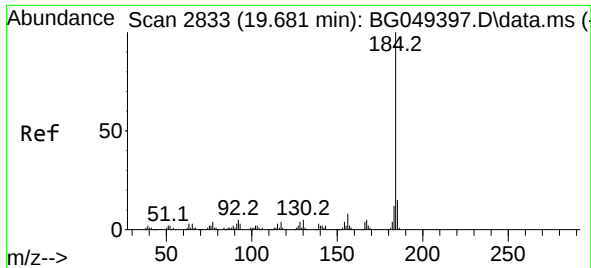
Tgt Ion:202 Resp: 32716
Ion Ratio Lower Upper
202 100
101 6.2 0.0 24.7
203 18.0 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:240 Resp: 143752
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 24.7 21.8 32.6

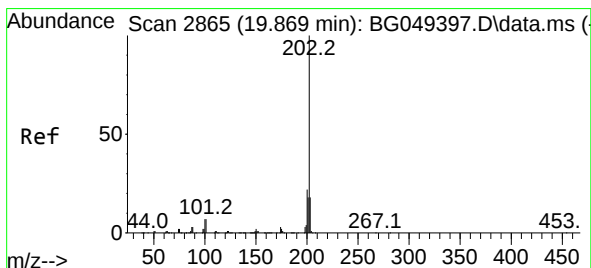
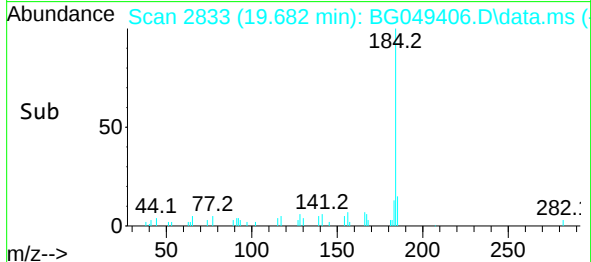
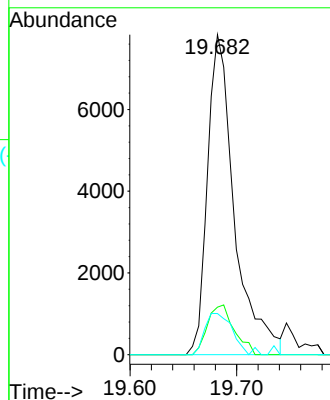
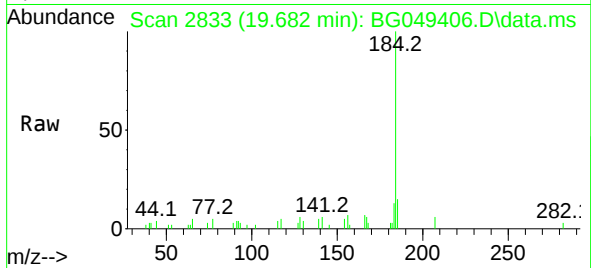




#77
Benzidine
Concen: 3.449 ng
RT: 19.682 min Scan# 2833
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

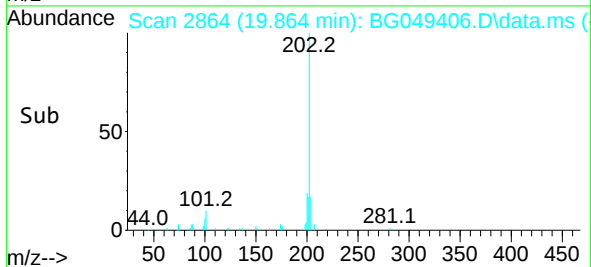
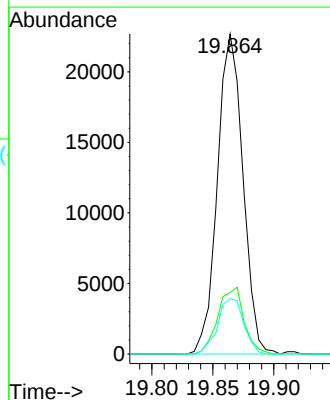
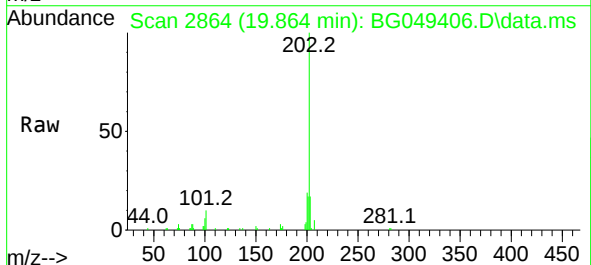
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

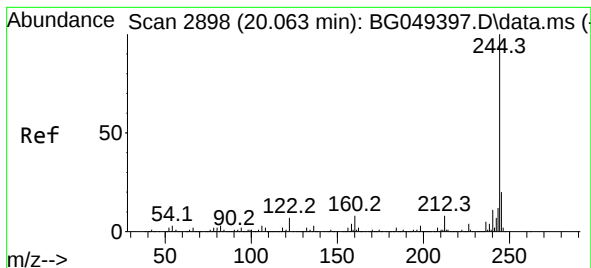
Tgt Ion:184 Resp: 13721
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 12.9 9.4 14.0



#78
Pyrene
Concen: 3.499 ng
RT: 19.864 min Scan# 2864
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:202 Resp: 33014
Ion Ratio Lower Upper
202 100
200 19.2 15.8 23.8
203 17.3 14.6 21.8





#79

Terphenyl-d14

Concen: 59.233 ng

RT: 20.058 min Scan# 2897

Delta R.T. -0.005 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

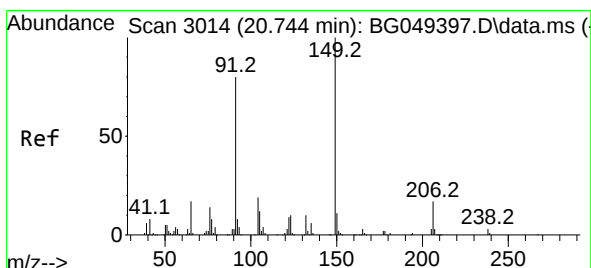
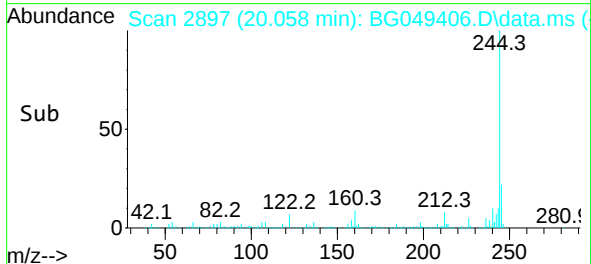
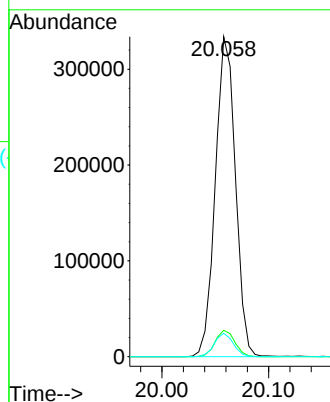
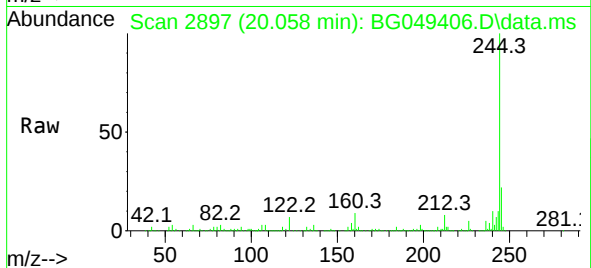
Tgt Ion:244 Resp: 435998

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

122 7.3 5.0 7.6



#80

Butylbenzylphthalate

Concen: 3.526 ng

RT: 20.745 min Scan# 3014

Delta R.T. 0.001 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

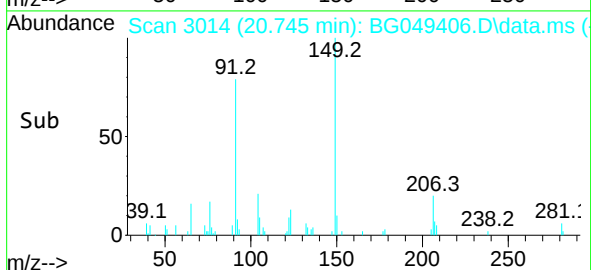
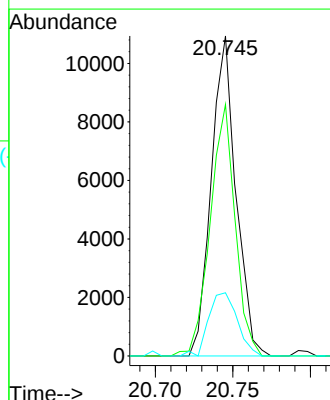
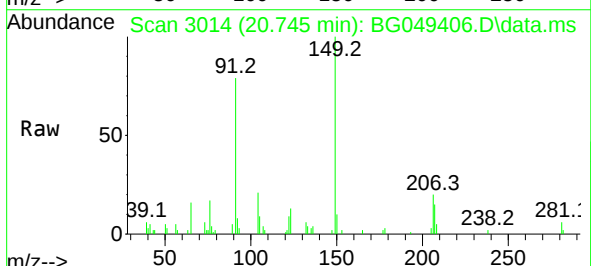
Tgt Ion:149 Resp: 12096

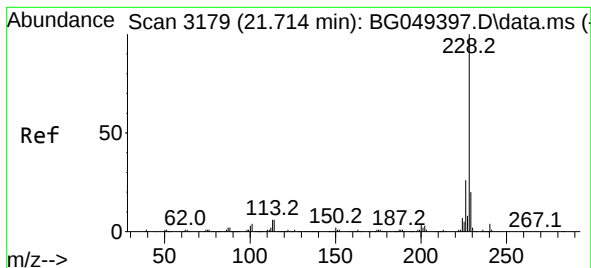
Ion Ratio Lower Upper

149 100

91 78.6 63.4 95.2

206 19.7 18.4 27.6





#81

Benzo(a)anthracene

Concen: 3.786 ng

RT: 21.709 min Scan# 3178

Delta R.T. -0.005 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

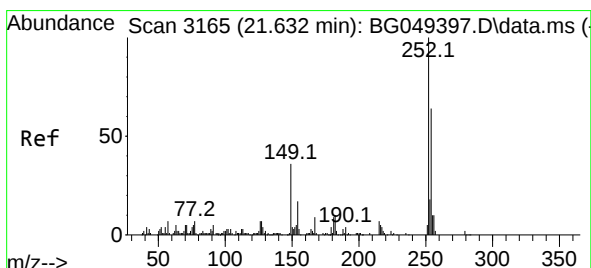
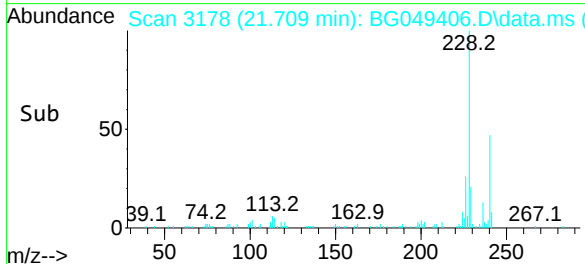
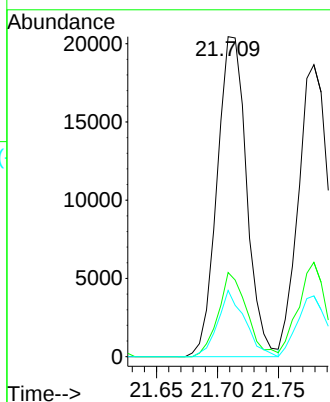
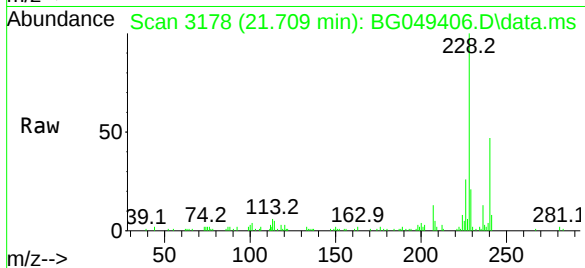
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:228	Resp:	34477
Ion Ratio	Lower	Upper
228	100	
226	26.3	22.7 34.1
229	20.7	16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 4.719 ng

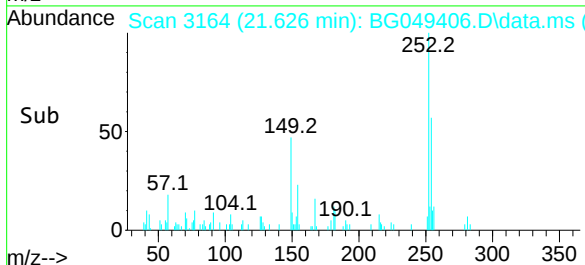
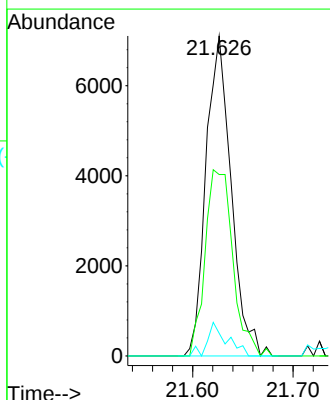
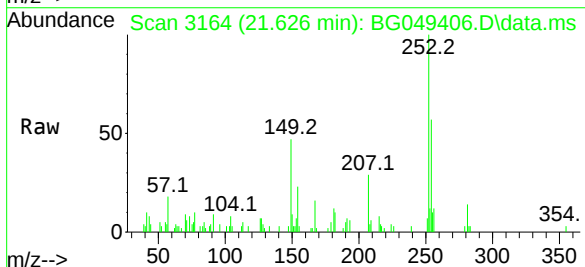
RT: 21.626 min Scan# 3164

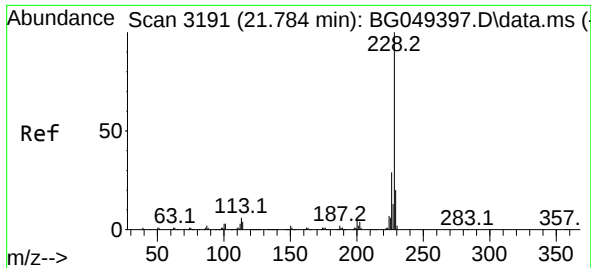
Delta R.T. -0.005 min

Lab File: BG049406.D

Acq: 22 Jul 2021 9:42

Tgt Ion:252	Resp:	12395
Ion Ratio	Lower	Upper
252	100	
254	56.7	52.4 78.6
126	7.1	5.9 8.9

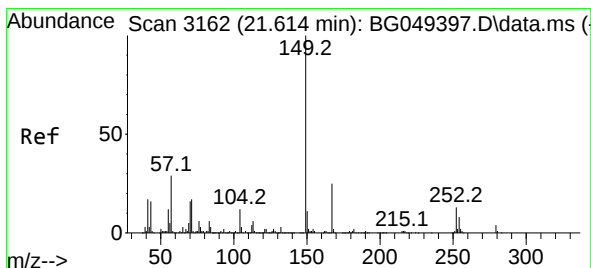
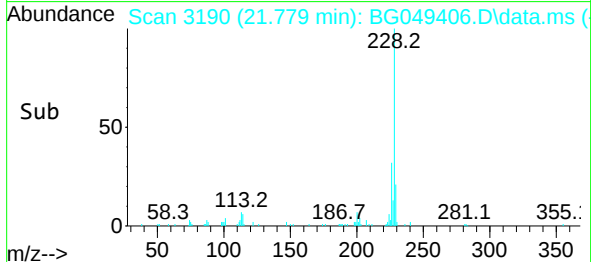
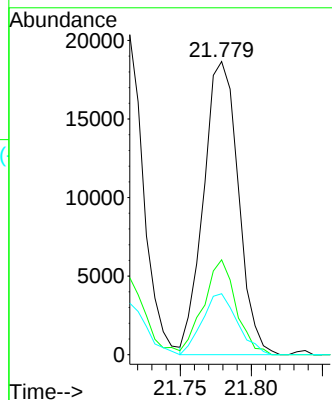
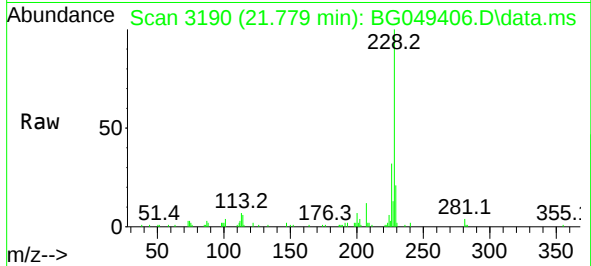




#83
Chrysene
Concen: 3.613 ng
RT: 21.779 min Scan# 3190
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

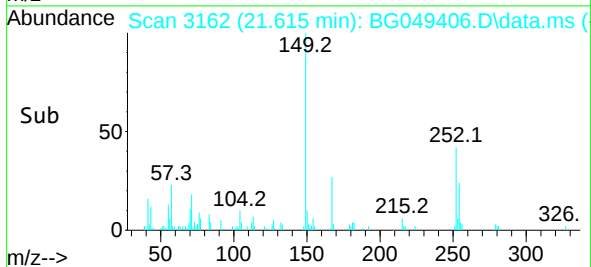
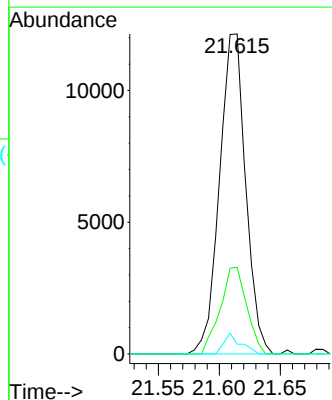
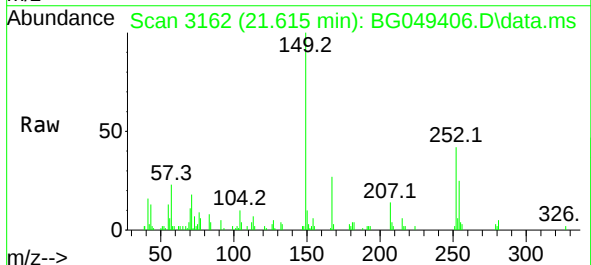
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

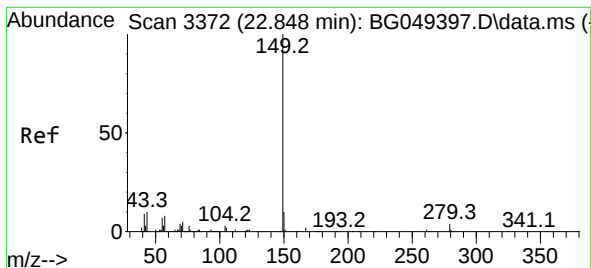
Tgt Ion:228	Resp:	31723
Ion Ratio	Lower	Upper
228	100	
226	32.4	23.1 34.7
229	20.8	15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.522 ng
RT: 21.615 min Scan# 3162
Delta R.T. 0.001 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:149	Resp:	18120
Ion Ratio	Lower	Upper
149	100	
167	27.1	22.3 33.5
279	3.1	3.8 5.8#

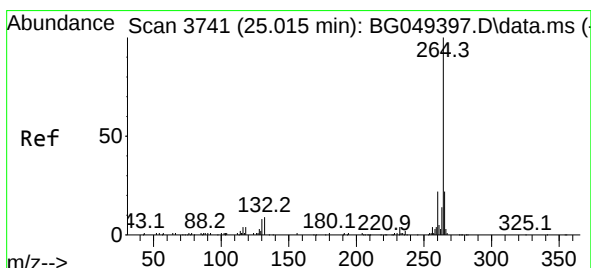
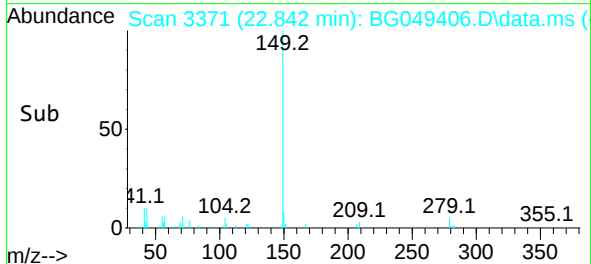
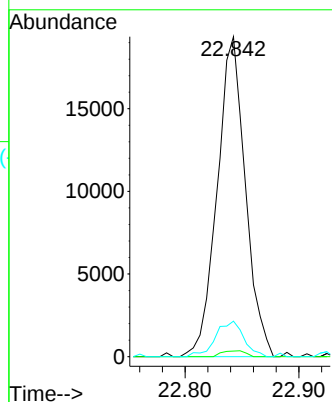
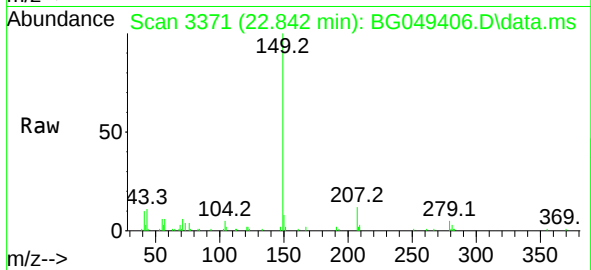




#85
Di-n-octyl phthalate
Concen: 3.745 ng
RT: 22.842 min Scan# 3371
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

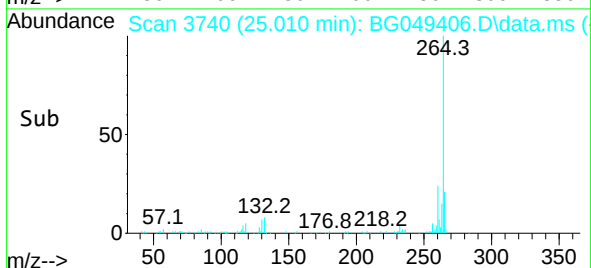
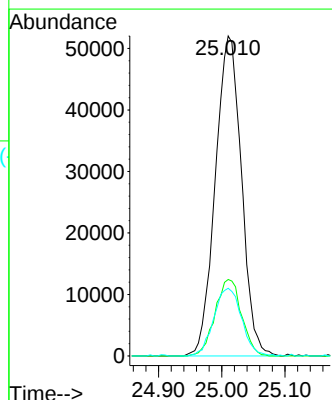
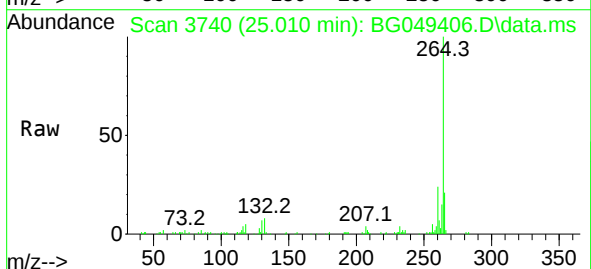
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

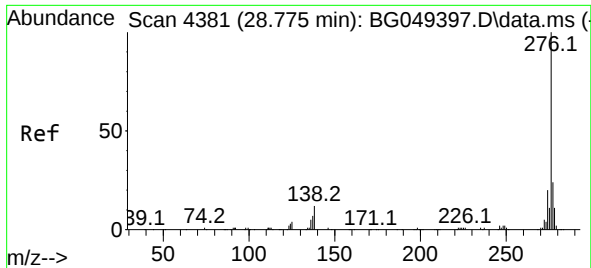
Tgt Ion:149 Resp: 33283
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.2
43 11.1 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3740
Delta R.T. -0.005 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:264 Resp: 149433
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.2 16.9 25.3

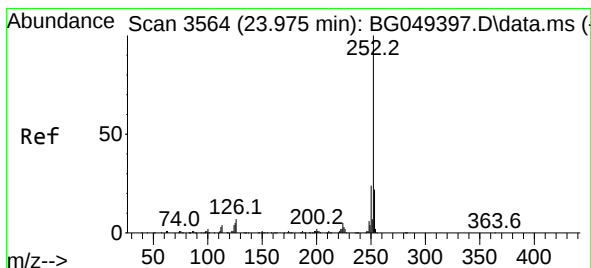
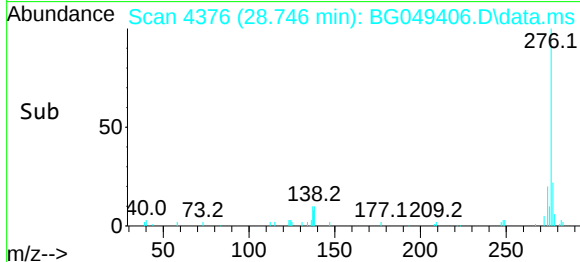
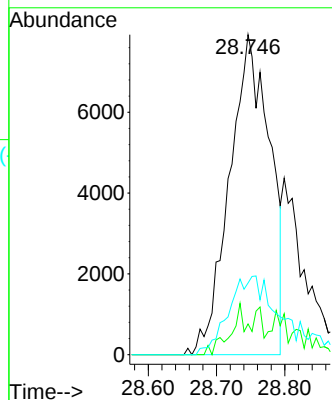
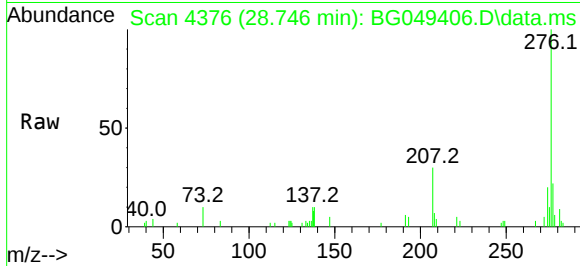




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.066 ng
RT: 28.746 min Scan# 4376
Delta R.T. -0.029 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

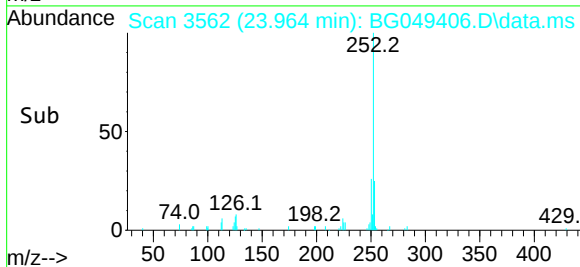
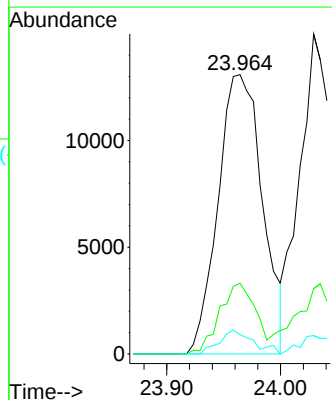
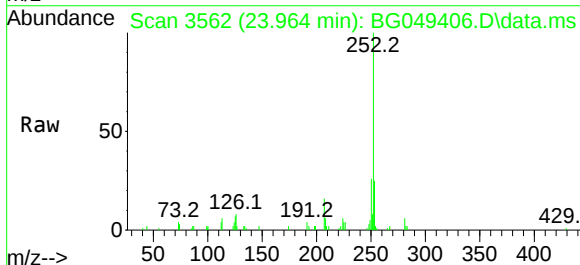
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

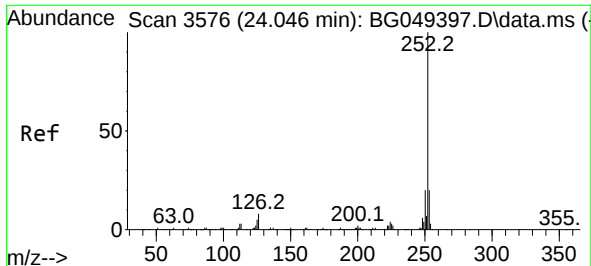
Tgt Ion:276 Resp: 32435
Ion Ratio Lower Upper
276 100
138 2.0 5.1 7.7#
277 28.6 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 3.682 ng
RT: 23.964 min Scan# 3562
Delta R.T. -0.011 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:252 Resp: 35451
Ion Ratio Lower Upper
252 100
253 25.3 16.2 24.4#
125 6.9 3.0 4.4#

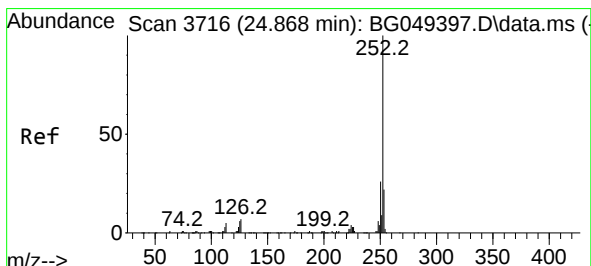
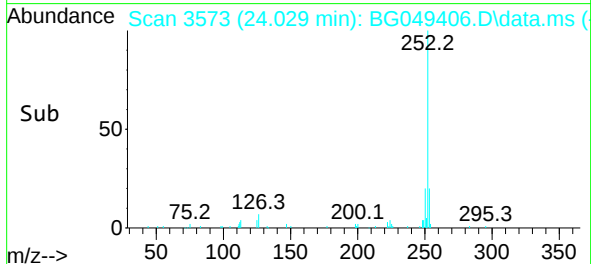
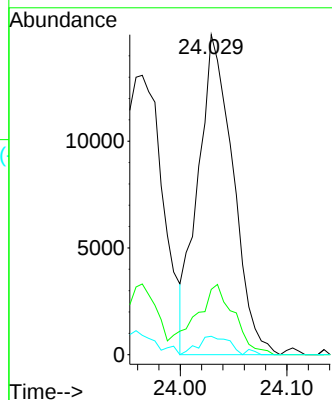
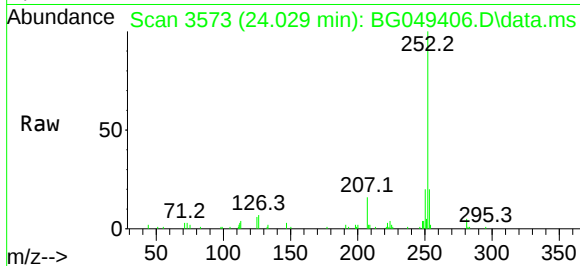




#89
Benzo(k)fluoranthene
Concen: 3.819 ng
RT: 24.029 min Scan# 3573
Delta R.T. -0.017 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

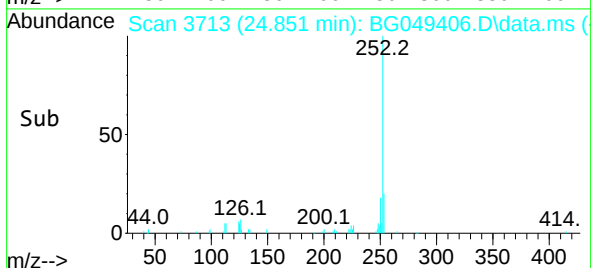
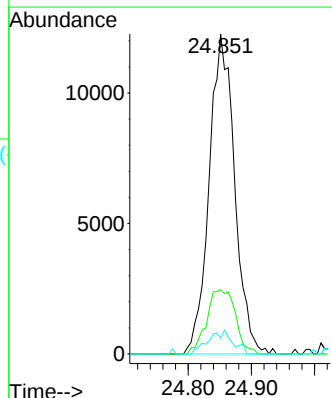
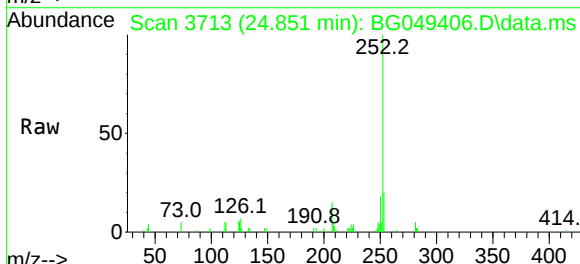
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

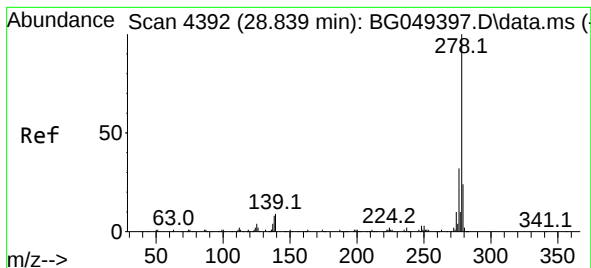
Tgt Ion:252 Resp: 34207
Ion Ratio Lower Upper
252 100
253 20.4 18.0 27.0
125 5.8 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 3.937 ng
RT: 24.851 min Scan# 3713
Delta R.T. -0.017 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:252 Resp: 34358
Ion Ratio Lower Upper
252 100
253 20.1 16.6 25.0
125 5.0 3.5 5.3

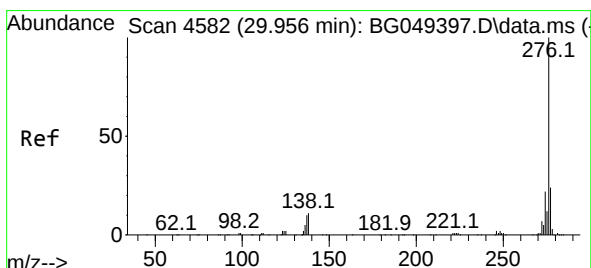
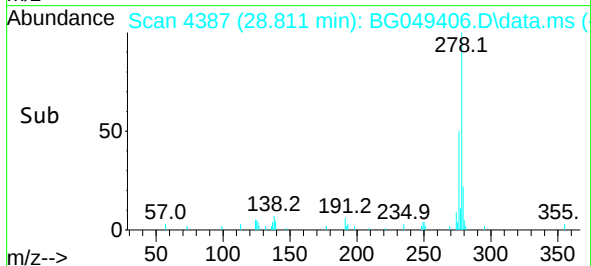
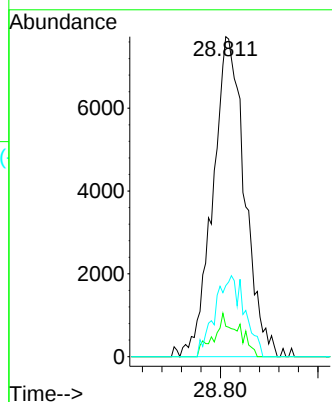
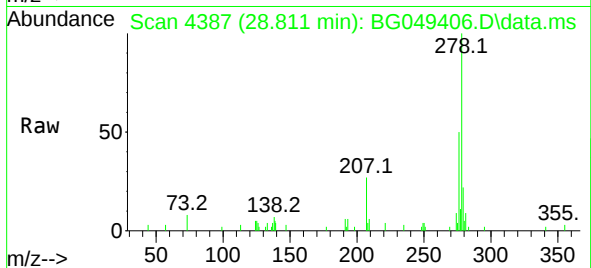




#91
Dibenzo(a,h)anthracene
Concen: 3.934 ng
RT: 28.811 min Scan# 4387
Delta R.T. -0.029 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

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

Tgt Ion:278 Resp: 34946
Ion Ratio Lower Upper
278 100
139 9.5 4.6 6.8#
279 22.2 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 3.940 ng
RT: 29.927 min Scan# 4577
Delta R.T. -0.029 min
Lab File: BG049406.D
Acq: 22 Jul 2021 9:42

Tgt Ion:276 Resp: 34639
Ion Ratio Lower Upper
276 100
277 14.6 18.4 27.6#
138 11.8 7.0 10.6#

