

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072321\
 Data File : BG049425.D
 Acq On : 23 Jul 2021 12:57
 Operator : CG/JU
 Sample : M2940-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Quant Time: Jul 23 13:32:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 11:17:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	22953	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	89079	20.000	ng	# 0.00
39) Acenaphthene-d10	14.699	164	60697	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	132869	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	146337	20.000	ng	0.00
86) Perylene-d12	25.008	264	156333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	148573	109.820	ng	0.00
7) Phenol-d6	7.203	99	214199	108.715	ng	0.00
23) Nitrobenzene-d5	9.218	82	125795	63.271	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	94942	116.802	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	264944	62.809	ng	0.00
79) Terphenyl-d14	20.056	244	454209	60.617	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	2698	4.402	ng	# 84
3) Pyridine	3.913	79	5514	3.530	ng	# 83
4) n-Nitrosodimethylamine	3.814	42	2879	3.754	ng	# 45
6) Aniline	7.373	93	8889	4.172	ng	98
8) 2-Chlorophenol	7.614	128	5450	3.929	ng	84
9) Benzaldehyde	7.185	77	6566	5.016	ng	# 79
10) Phenol	7.227	94	7345	3.914	ng	# 76
11) bis(2-Chloroethyl)ether	7.467	93	4719	3.670	ng	92
12) 1,3-Dichlorobenzene	8.084	146	6796	4.143	ng	97
13) 1,4-Dichlorobenzene	8.084	146	6796	4.161	ng	97
14) 1,2-Dichlorobenzene	8.407	146	6030	3.821	ng	96
15) Benzyl Alcohol	8.296	79	5842	3.627	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.572	45	5877	3.913	ng	86
17) 2-Methylphenol	8.490	107	4449	3.560	ng	# 88
18) Hexachloroethane	9.142	117	2442	3.847	ng	# 71
19) n-Nitroso-di-n-propyla...	8.860	70	4698	3.629	ng	# 97
20) 3+4-Methylphenols	8.824	107	6554	3.827	ng	# 82
22) Acetophenone	8.883	105	9288	3.894	ng	# 88
24) Nitrobenzene	9.259	77	8442	4.043	ng	# 96
25) Isophorone	9.788	82	12599	3.577	ng	# 89
26) 2-Nitrophenol	9.976	139	2747	3.624	ng	# 79
27) 2,4-Dimethylphenol	10.029	122	5110	4.217	ng	# 89
28) bis(2-Chloroethoxy)met...	10.275	93	6865	4.368	ng	94
29) 2,4-Dichlorophenol	10.522	162	4979	3.543	ng	86
30) 1,2,4-Trichlorobenzene	10.728	180	6132	3.864	ng	94
31) Naphthalene	10.922	128	18276	3.890	ng	97
32) Benzoic acid	10.176	122	263	0.330	ng	87
33) 4-Chloroaniline	11.039	127	6677	3.724	ng	96
34) Hexachlorobutadiene	11.198	225	4074	3.583	ng	# 77
35) Caprolactam	11.791	113	1580	3.621	ng	# 83
36) 4-Chloro-3-methylphenol	12.149	107	5740	3.464	ng	90
37) 2-Methylnaphthalene	12.525	142	13464	3.927	ng	92
38) 1-Methylnaphthalene	12.749	142	13146	4.010	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.895	216	7241	4.034	ng	# 93
41) Hexachlorocyclopentadiene	12.872	237	3039	3.793	ng	95
43) 2,4,6-Trichlorophenol	13.136	196	3944	3.369	ng	93

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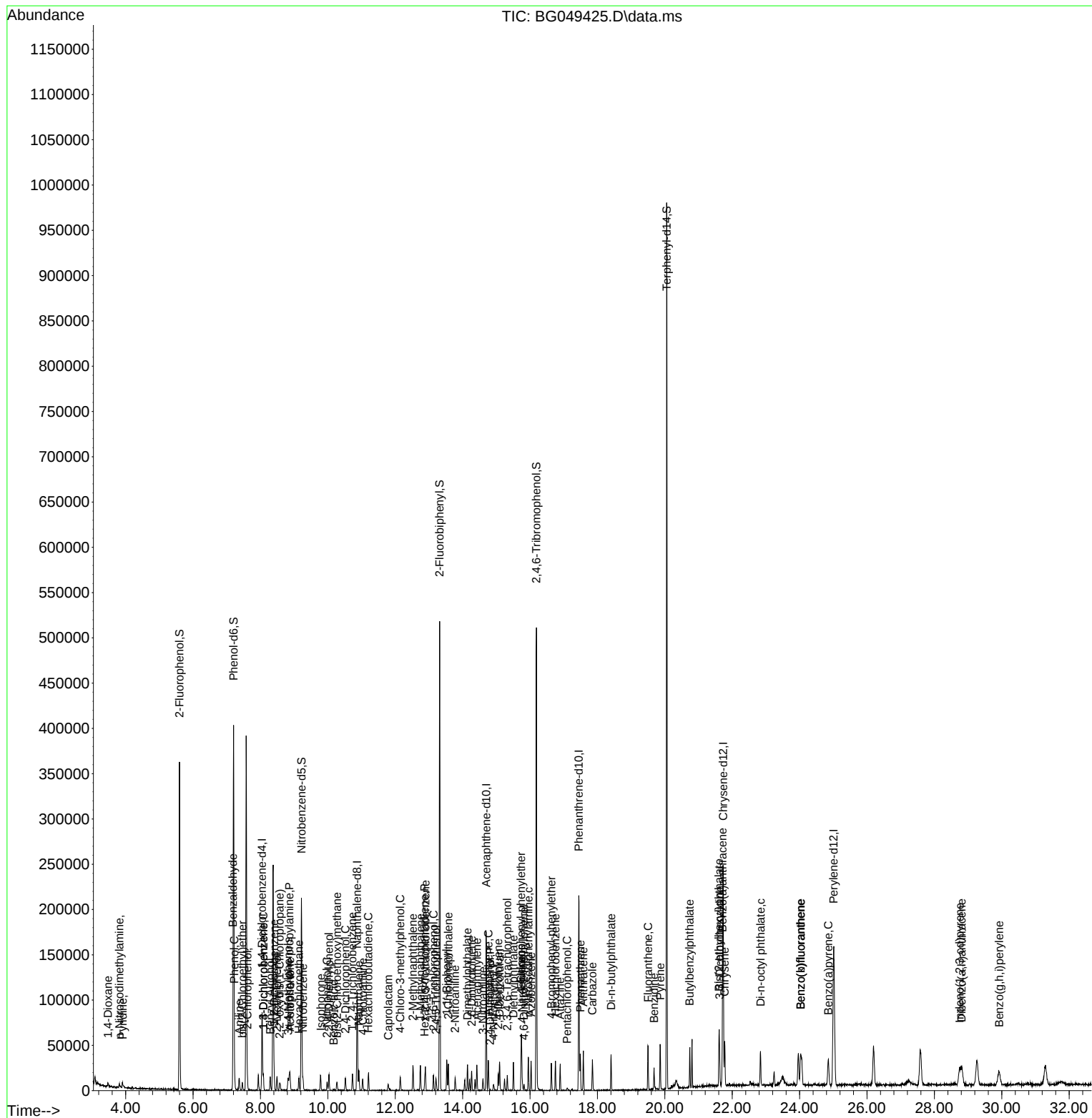
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.213	196	4370	3.451	ng	# 75
46) 1,1'-Biphenyl	13.530	154	17341	3.897	ng	97
47) 2-Chloronaphthalene	13.577	162	13810	4.041	ng	92
48) 2-Nitroaniline	13.777	65	3898	3.277	ng	# 54
49) Acenaphthylene	14.423	152	22248	4.015	ng	98
50) Dimethylphthalate	14.147	163	17093	3.876	ng	# 95
51) 2,6-Dinitrotoluene	14.270	165	3714	3.879	ng	94
52) Acenaphthene	14.763	154	13226	3.954	ng	98
53) 3-Nitroaniline	14.605	138	3405	3.547	ng	85
54) 2,4-Dinitrophenol	14.816	184	67	0.166	ng	# 8
55) Dibenzofuran	15.098	168	20441	3.809	ng	# 95
56) 4-Nitrophenol	14.916	139	2292	3.027	ng	# 65
57) 2,4-Dinitrotoluene	15.057	165	4473	3.381	ng	# 90
58) Fluorene	15.744	166	17221	3.960	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.327	232	3863	3.337	ng	# 96
60) Diethylphthalate	15.509	149	16691	3.768	ng	# 96
61) 4-Chlorophenyl-phenyle...	15.739	204	8488	3.837	ng	# 82
62) 4-Nitroaniline	15.762	138	3198	3.165	ng	97
63) Azobenzene	16.032	77	18810	3.835	ng	87
65) 4,6-Dinitro-2-methylph...	15.821	198	1925	2.674	ng	88
66) n-Nitrosodiphenylamine	15.956	169	14708	3.854	ng	89
67) 4-Bromophenyl-phenylether	16.631	248	5876	3.904	ng	# 86
68) Hexachlorobenzene	16.755	284	6637	3.895	ng	98
69) Atrazine	16.896	200	6479	4.284	ng	79
70) Pentachlorophenol	17.101	266	1091	1.424	ng	# 73
71) Phenanthrene	17.495	178	26817	3.755	ng	99
72) Anthracene	17.583	178	26779	3.815	ng	96
73) Carbazole	17.853	167	23221	3.478	ng	# 94
74) Di-n-butylphthalate	18.406	149	28250	3.710	ng	99
75) Fluoranthene	19.504	202	32088	3.608	ng	95
77) Benzidine	19.680	184	17185	4.243	ng	98
78) Pyrene	19.862	202	34446	3.586	ng	99
80) Butylbenzylphthalate	20.738	149	12154	3.480	ng	# 92
81) Benzo(a)anthracene	21.713	228	36032	3.887	ng	96
82) 3,3'-Dichlorobenzidine	21.625	252	13091	4.895	ng	90
83) Chrysene	21.777	228	33203	3.714	ng	96
84) Bis(2-ethylhexyl)phtha...	21.607	149	18977	3.624	ng	91
85) Di-n-octyl phthalate	22.841	149	31474	3.479	ng	95
87) Indeno(1,2,3-cd)pyrene	28.750	276	42023	3.797	ng	99
88) Benzo(b)fluoranthene	24.033	252	37027	3.676	ng	93
89) Benzo(k)fluoranthene	24.033	252	37027	3.952	ng	# 89
90) Benzo(a)pyrene	24.856	252	35448	3.882	ng	99
91) Dibenzo(a,h)anthracene	28.803	278	15159	1.631	ng	# 87
92) Benzo(g,h,i)perylene	29.925	276	35329	3.842	ng	# 91

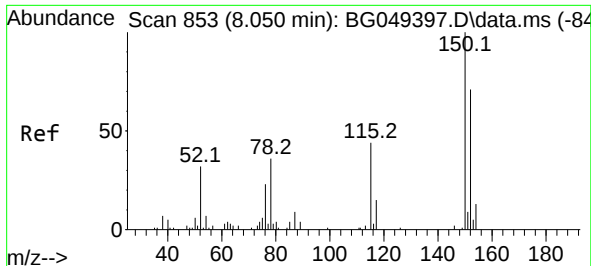
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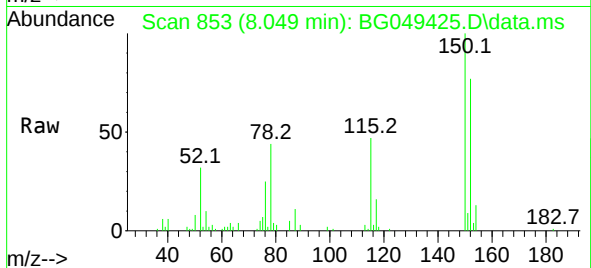
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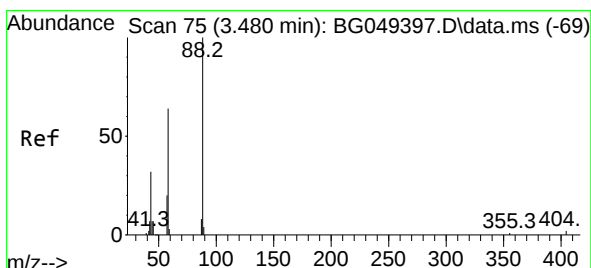
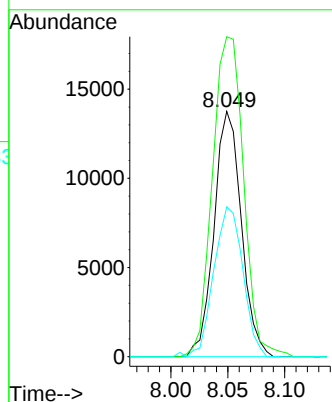
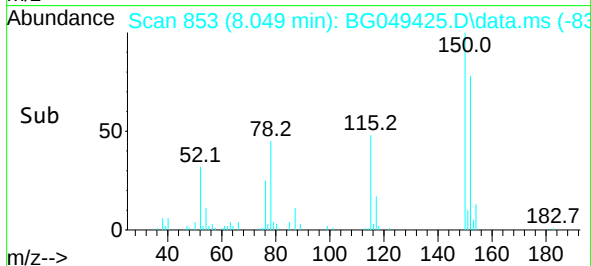


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.049 min Scan# 853
Delta R.T. -0.001 min
Lab File: BG049425.D
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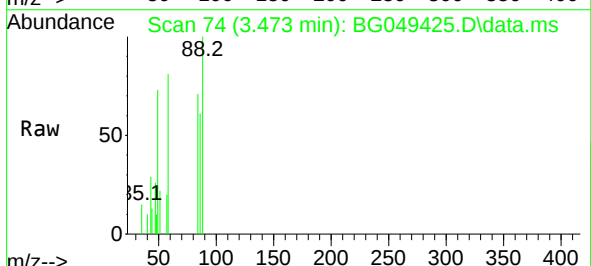
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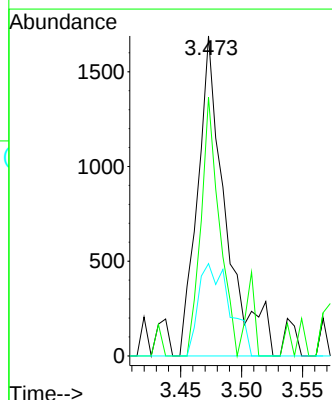
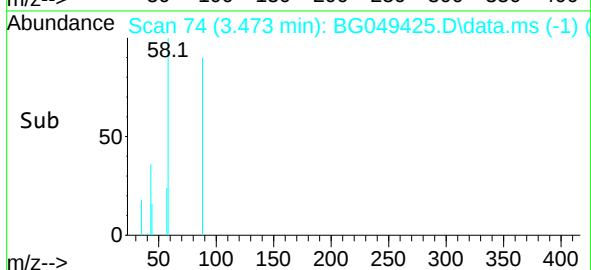
Tgt Ion:152 Resp: 22953
Ion Ratio Lower Upper
152 100
150 130.5 119.4 179.0
115 61.1 60.2 90.4

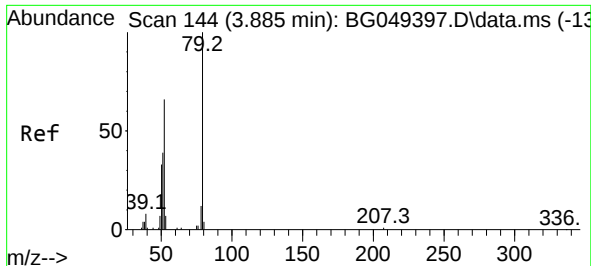


#2
1,4-Dioxane
Concen: 4.402 ng
RT: 3.473 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57



Tgt Ion: 88 Resp: 2698
Ion Ratio Lower Upper
88 100
58 53.2 55.7 83.5#
43 32.4 29.3 43.9

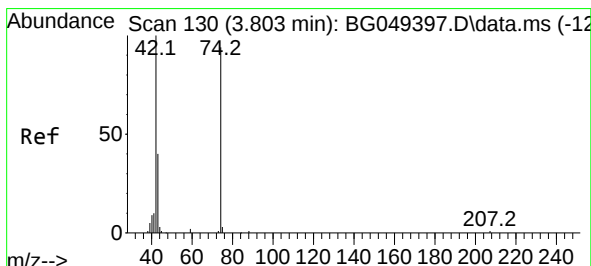
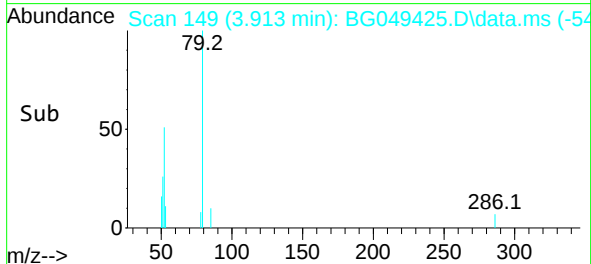
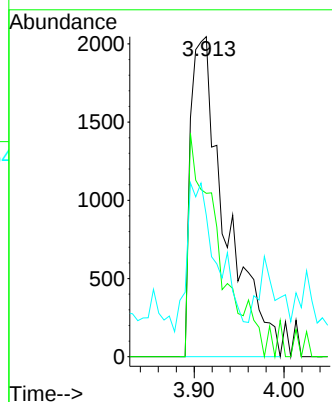
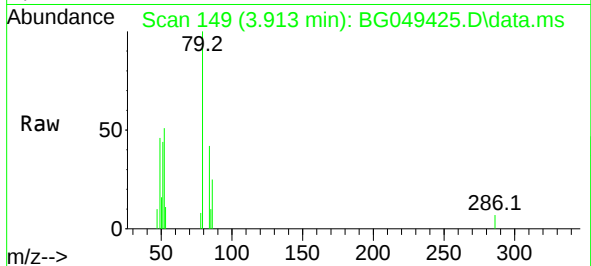




#3
 Pyridine
 Concen: 3.530 ng
 RT: 3.913 min Scan# 149
 Delta R.T. 0.028 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

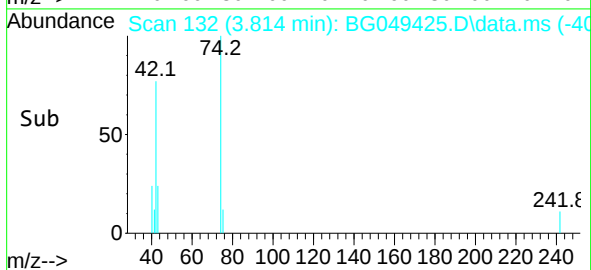
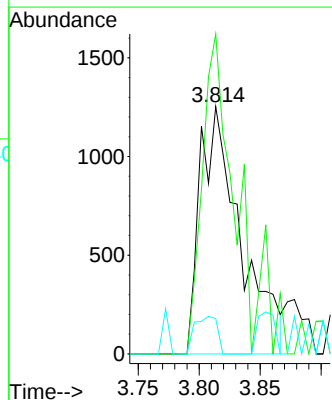
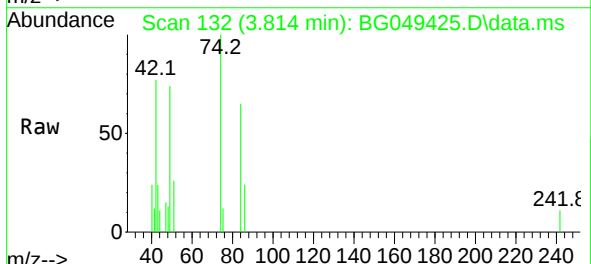
Instrument :
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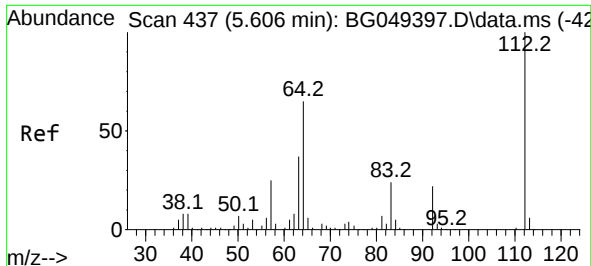
Tgt Ion: 79 Resp: 5514
 Ion Ratio Lower Upper
 79 100
 52 51.1 58.4 87.6#
 51 44.2 37.0 55.6



#4
 n-Nitrosodimethylamine
 Concen: 3.754 ng
 RT: 3.814 min Scan# 132
 Delta R.T. 0.011 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

Tgt Ion: 42 Resp: 2879
 Ion Ratio Lower Upper
 42 100
 74 129.4 64.0 96.0#
 44 14.4 2.7 4.1#

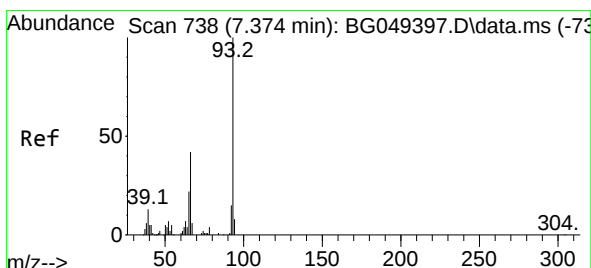
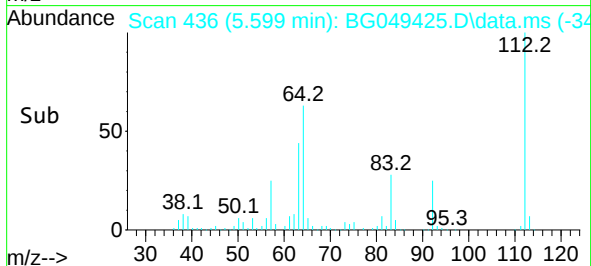
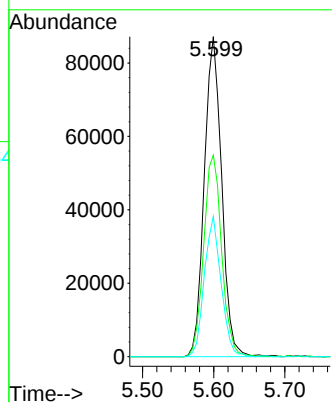
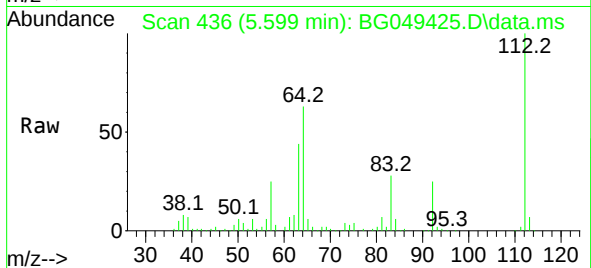




#5
2-Fluorophenol
Concen: 109.820 ng
RT: 5.599 min Scan# 436
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

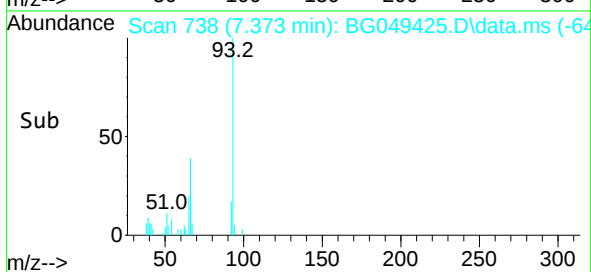
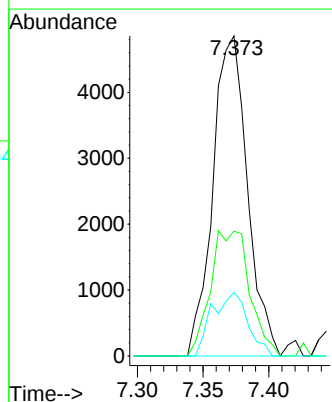
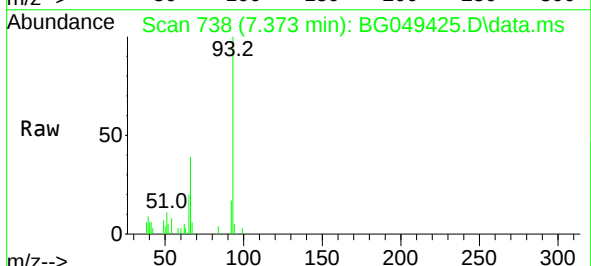
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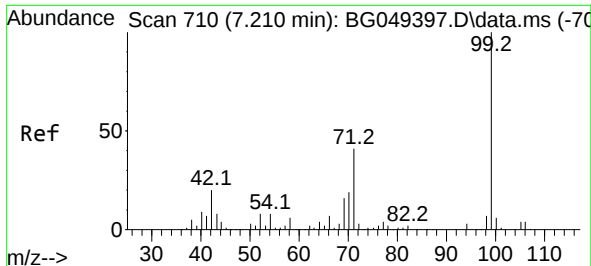
Tgt Ion:112 Resp: 148573
Ion Ratio Lower Upper
112 100
64 63.0 46.7 70.1
63 43.8 35.3 52.9



#6
Aniline
Concen: 4.172 ng
RT: 7.373 min Scan# 738
Delta R.T. -0.001 min
Lab File: BG049425.D
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Tgt Ion: 93 Resp: 8889
Ion Ratio Lower Upper
93 100
66 39.0 30.6 45.8
65 19.9 15.0 22.4

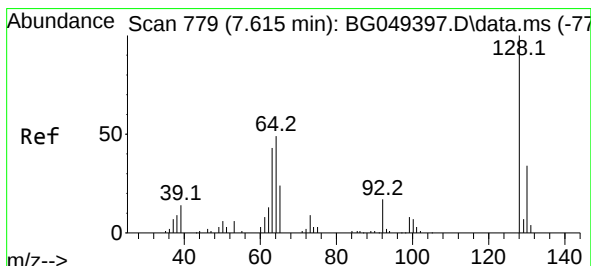
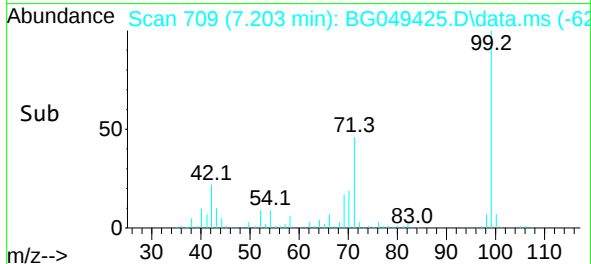
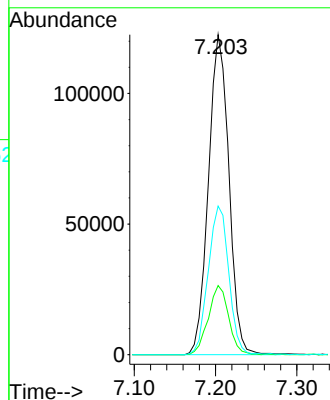
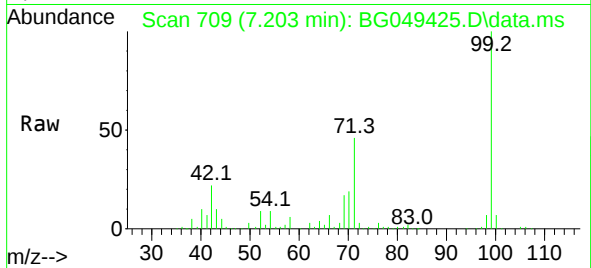




#7
Phenol-d6
Concen: 108.715 ng
RT: 7.203 min Scan# 709
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

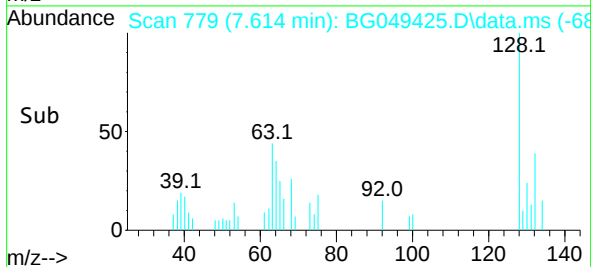
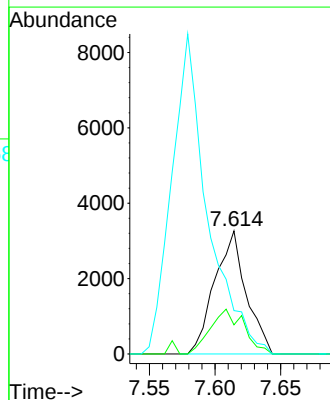
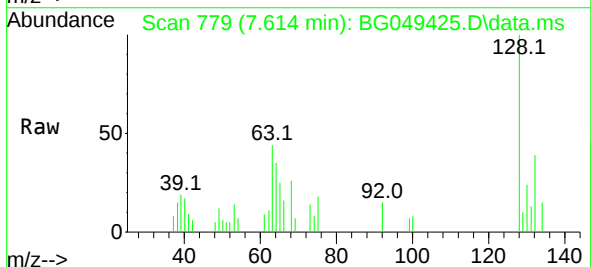
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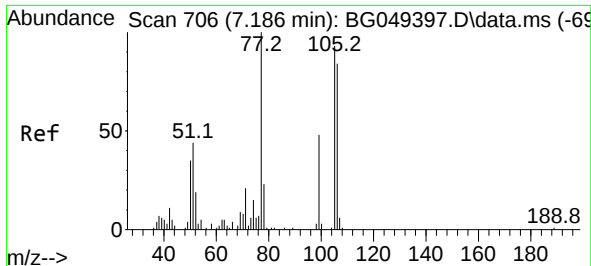
Tgt Ion: 99 Resp: 214199
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 46.4 41.5 62.3



#8
2-Chlorophenol
Concen: 3.929 ng
RT: 7.614 min Scan# 779
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion: 128 Resp: 5450
Ion Ratio Lower Upper
128 100
130 23.7 10.0 50.0
64 35.2 28.1 68.1

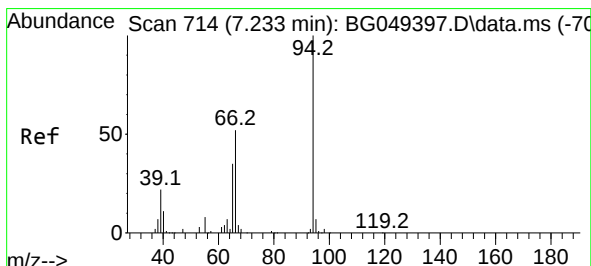
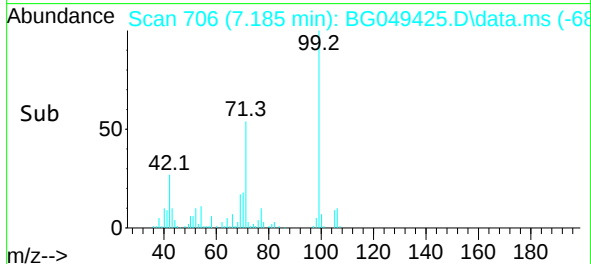
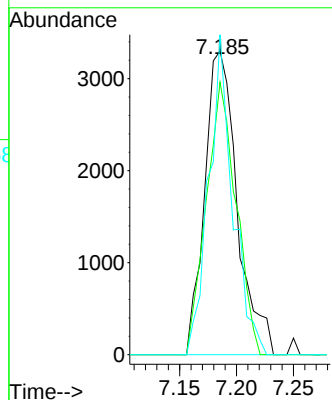
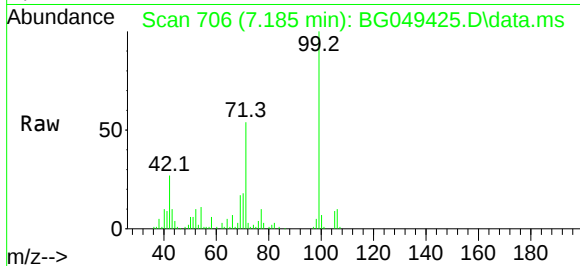




#9
Benzaldehyde
Concen: 5.016 ng
RT: 7.185 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG049425.D
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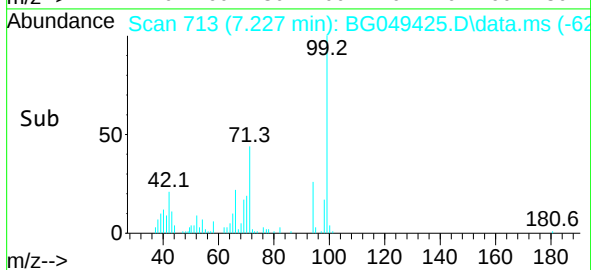
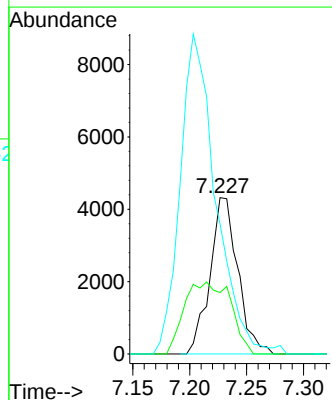
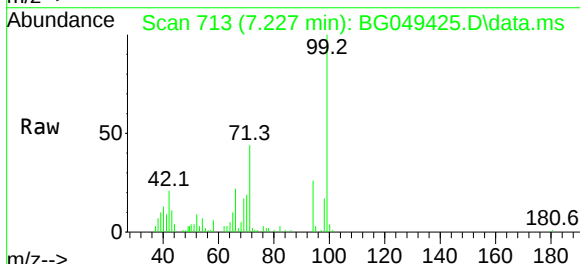
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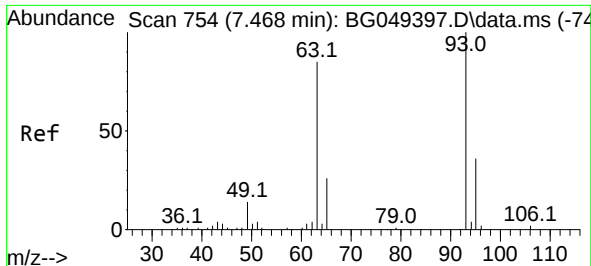
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Ion Ratio Lower Upper
77 100
105 89.8 68.8 108.8
106 105.4 47.9 87.9#



#10
Phenol
Concen: 3.914 ng
RT: 7.227 min Scan# 713
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

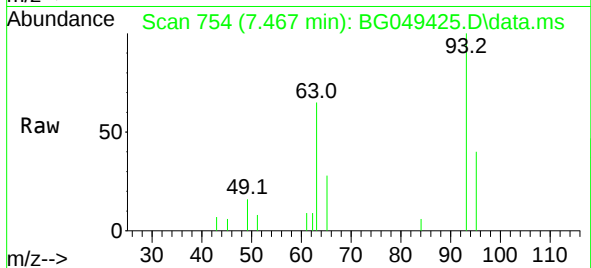
Tgt Ion: 94 Resp: 7345
Ion Ratio Lower Upper
94 100
65 39.3 12.9 52.9
66 83.2 39.4 79.4#



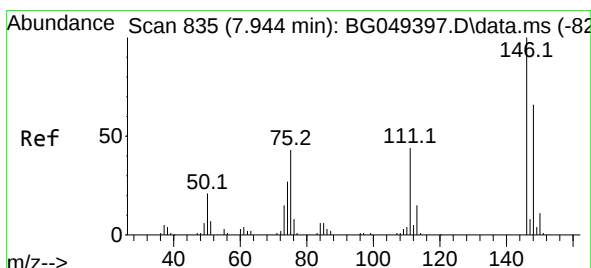
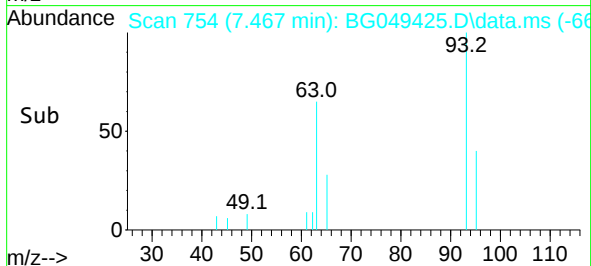
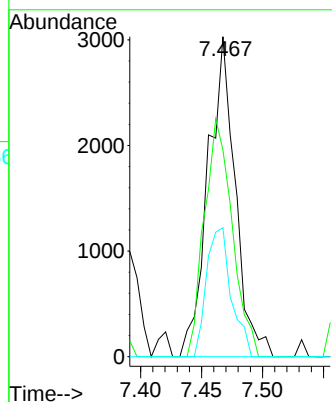


#11
bis(2-Chloroethyl)ether
Concen: 3.670 ng
RT: 7.467 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

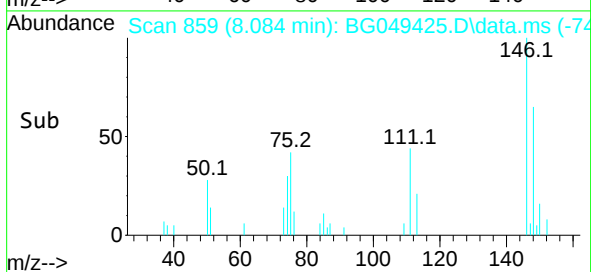
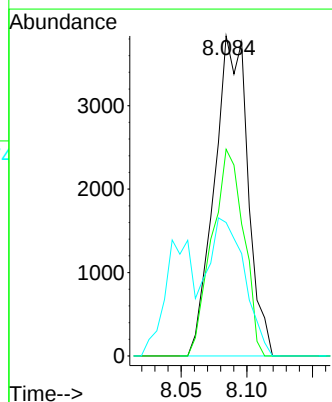
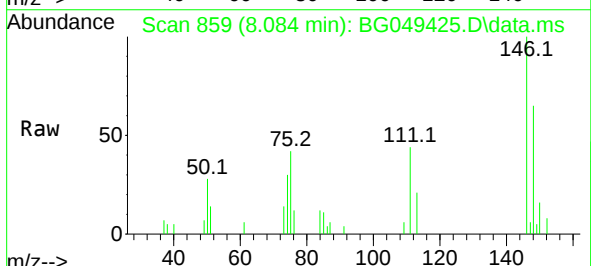


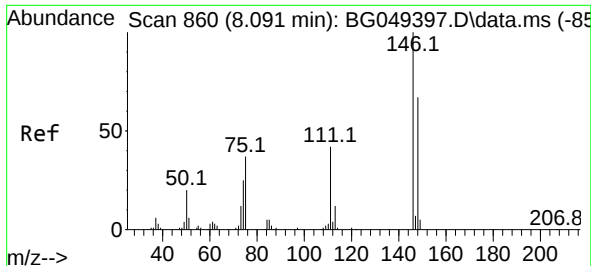
Tgt Ion:	93	Resp:	4719
Ion	Ratio	Lower	Upper
93	100		
63	64.7	50.4	90.4
95	40.3	15.3	55.3



#12
1,3-Dichlorobenzene
Concen: 4.143 ng
RT: 8.084 min Scan# 859
Delta R.T. 0.140 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	146	Resp:	6796
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
75	41.7	35.7	53.5

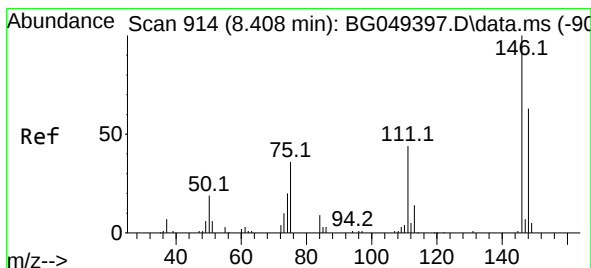
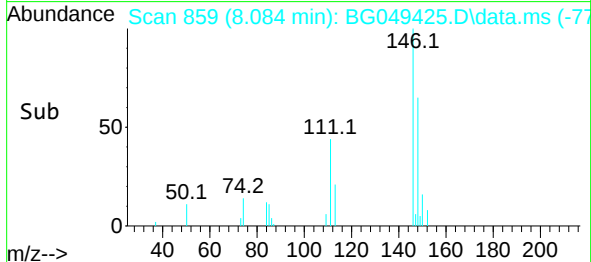
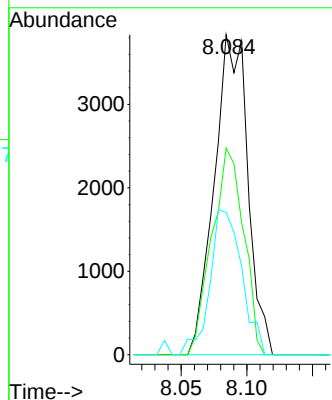
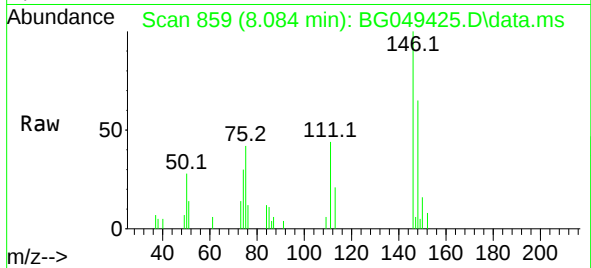




#13
1,4-Dichlorobenzene
Concen: 4.161 ng
RT: 8.084 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

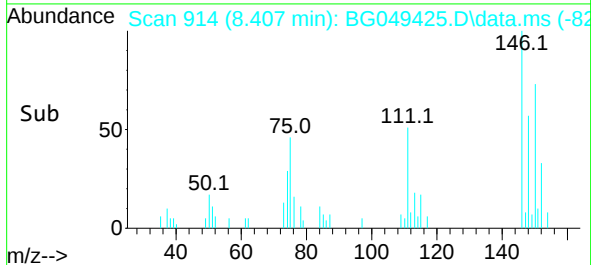
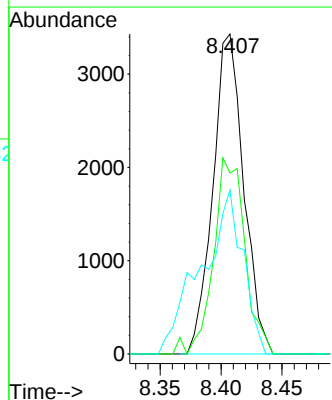
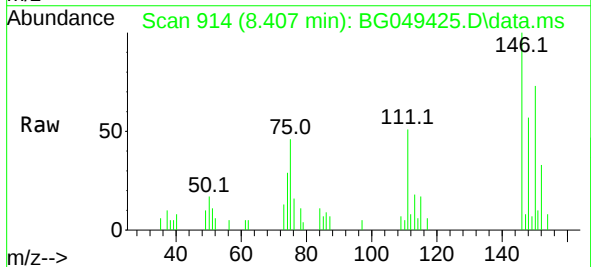
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

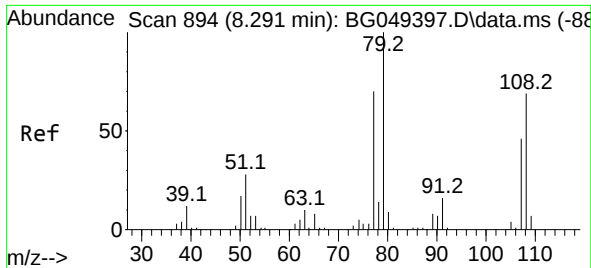
Tgt Ion:146 Resp: 6796
Ion Ratio Lower Upper
146 100
148 64.6 54.0 81.0
111 44.4 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 3.821 ng
RT: 8.407 min Scan# 914
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:146 Resp: 6030
Ion Ratio Lower Upper
146 100
148 56.6 47.5 71.3
111 51.2 39.1 58.7

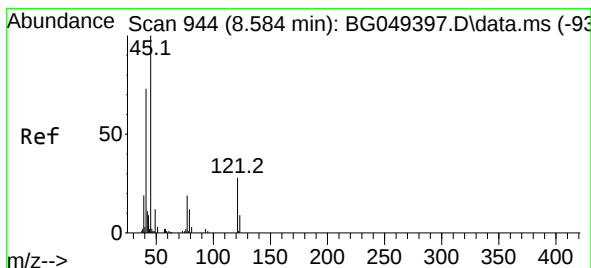
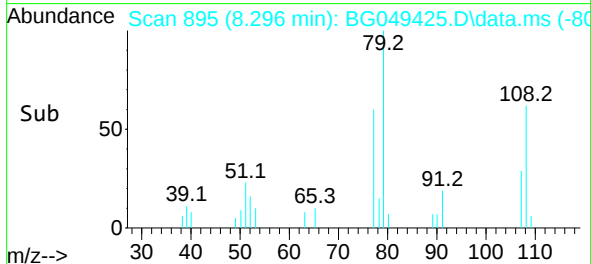
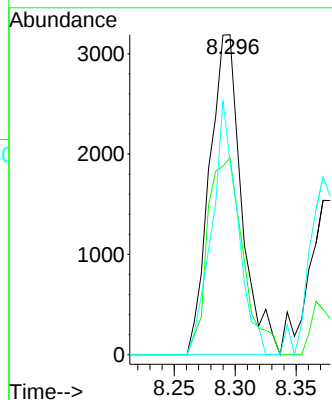
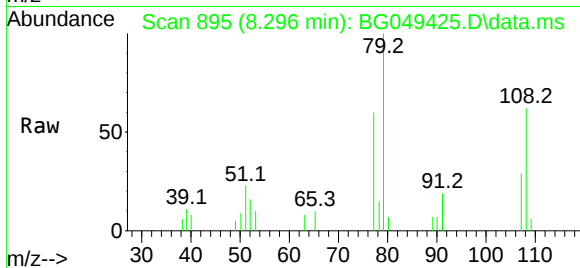




#15
Benzyl Alcohol
Concen: 3.627 ng
RT: 8.296 min Scan# 895
Delta R.T. 0.005 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

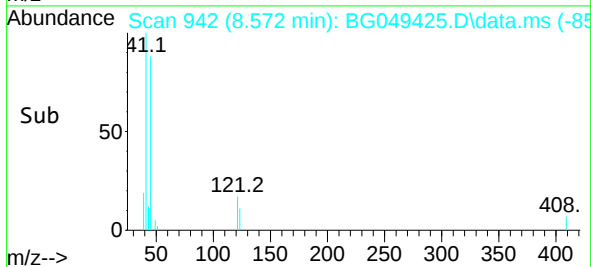
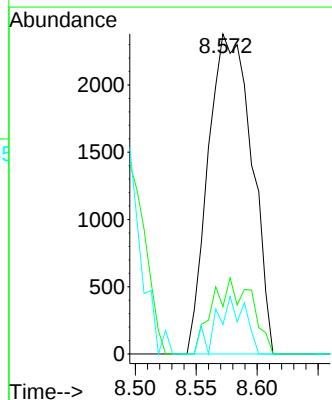
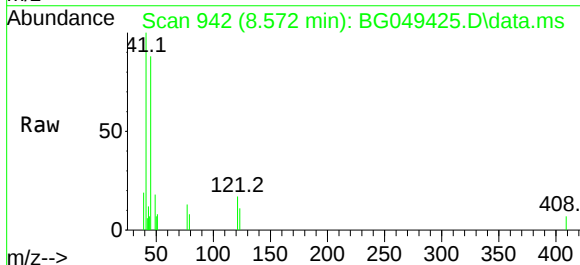
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

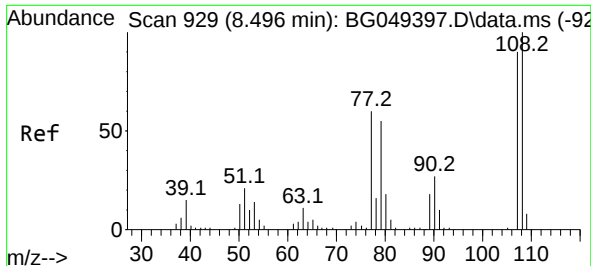
Tgt Ion: 79	Resp: 5842
Ion Ratio	Lower Upper
79 100	
108 61.5	48.2 72.4
77 60.5	57.3 85.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 3.913 ng
RT: 8.572 min Scan# 942
Delta R.T. -0.013 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion: 45	Resp: 5877
Ion Ratio	Lower Upper
45 100	
77 14.8	2.2 42.2
79 9.2	0.0 34.3

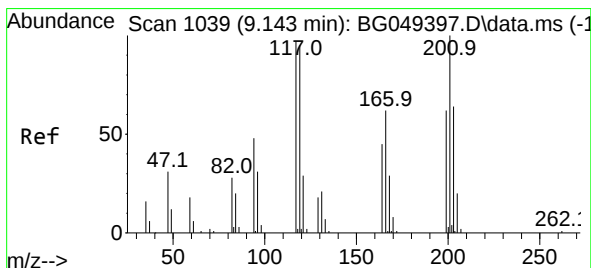
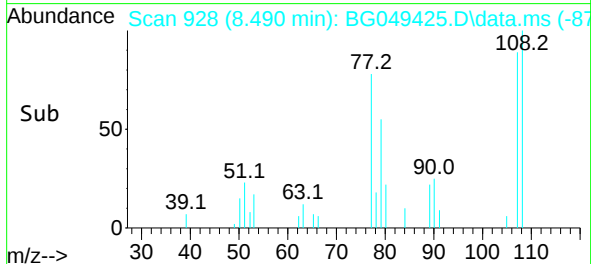
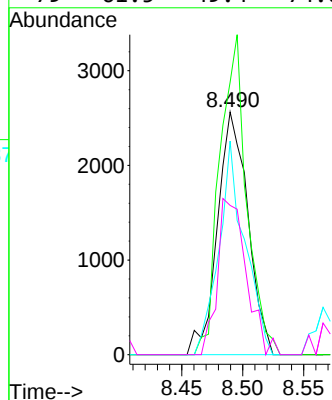
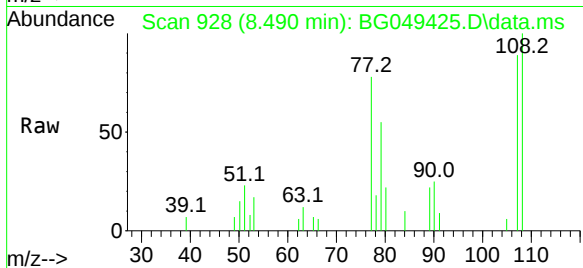




#17
2-Methylphenol
Concen: 3.560 ng
RT: 8.490 min Scan# 928
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

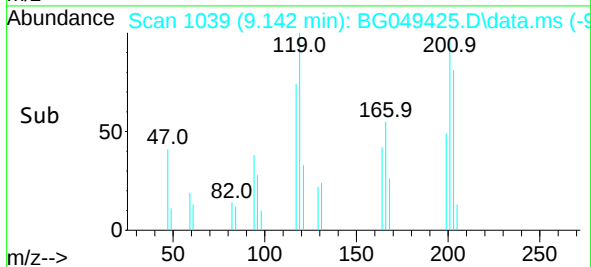
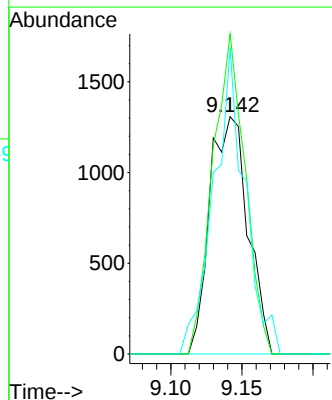
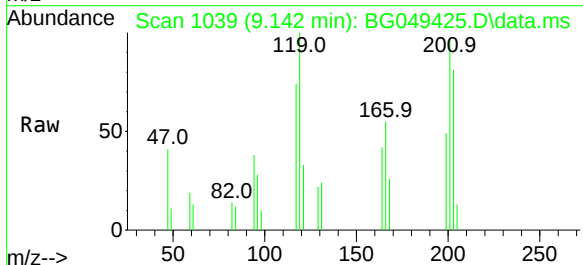
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

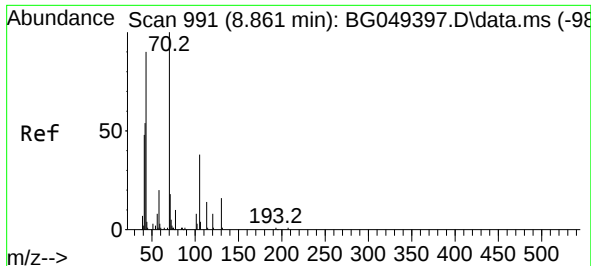
Tgt Ion:	107	Resp:	4449
Ion	Ratio	Lower	Upper
107	100		
108	112.2	84.6	127.0
77	88.0	50.7	76.1#
79	61.5	49.4	74.0



#18
Hexachloroethane
Concen: 3.847 ng
RT: 9.142 min Scan# 1039
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	117	Resp:	2442
Ion	Ratio	Lower	Upper
117	100		
119	134.9	74.4	111.6#
201	128.8	88.6	133.0

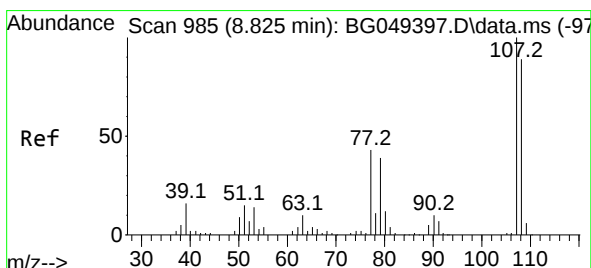
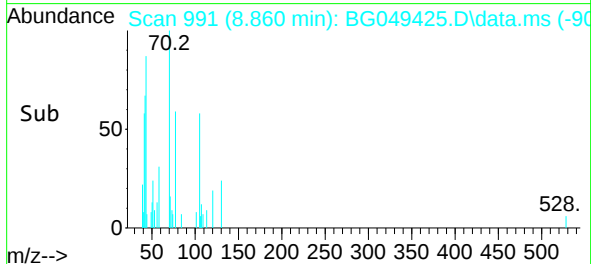
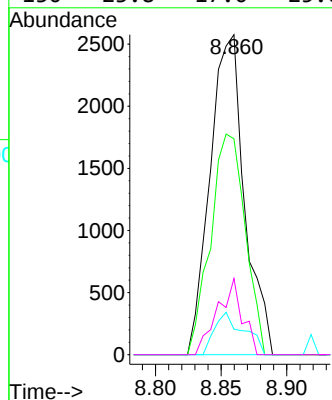
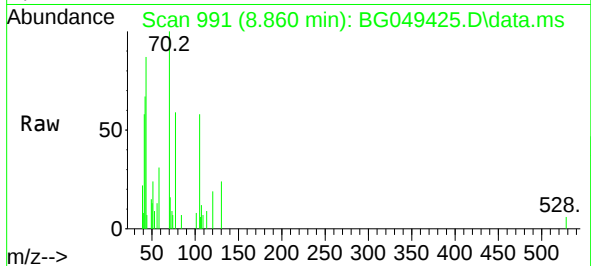




#19
n-Nitroso-di-n-propylamine
Concen: 3.629 ng
RT: 8.860 min Scan# 991
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

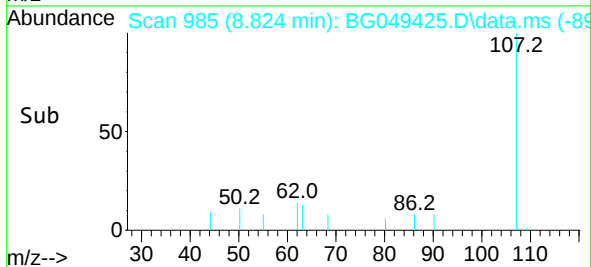
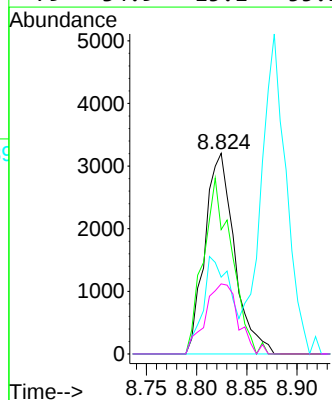
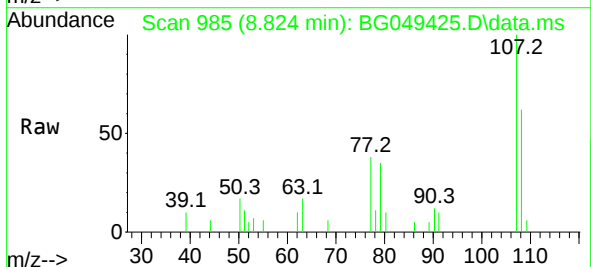
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

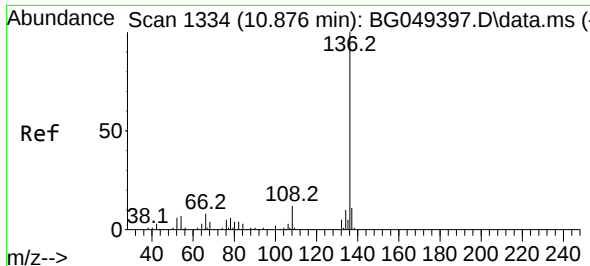
Tgt Ion:	70	Resp:	4698
Ion	Ratio	Lower	Upper
70	100		
42	67.5	54.5	81.7
101	8.0	9.0	13.6#
130	23.8	17.0	25.6



#20
3+4-Methylphenols
Concen: 3.827 ng
RT: 8.824 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	107	Resp:	6554
Ion	Ratio	Lower	Upper
107	100		
108	62.0	69.3	109.3#
77	38.3	25.2	65.2
79	34.9	15.1	55.1

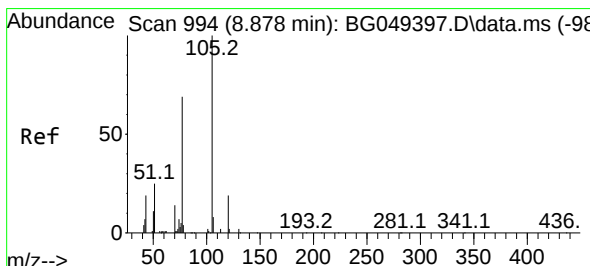
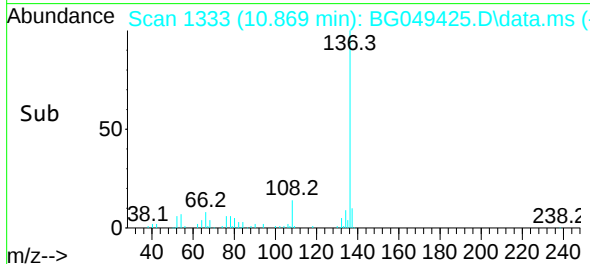
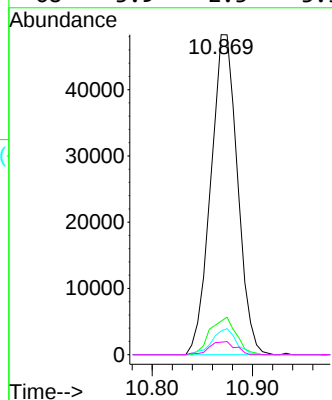
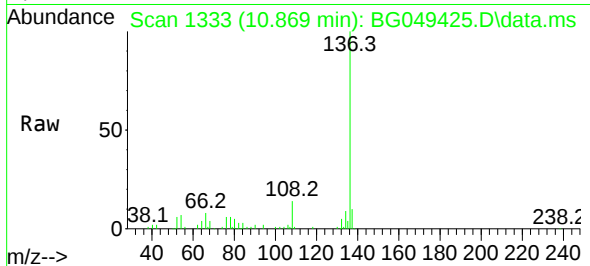




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1333
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

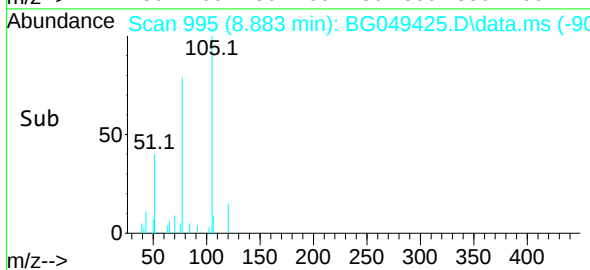
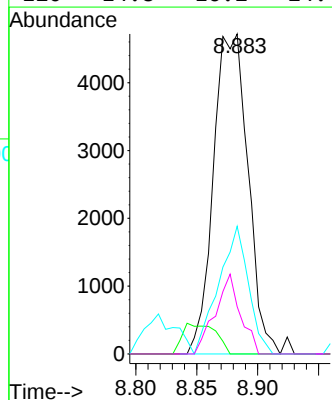
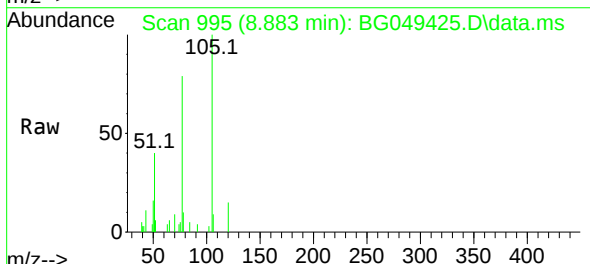
Instrument :
BNA_G
ClientSampleId :
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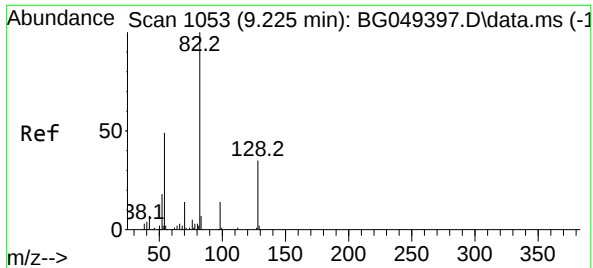
Tgt Ion:	136	Resp:	89079
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	7.4	5.5	8.3
68	3.9	2.3	3.5



#22
Acetophenone
Concen: 3.894 ng
RT: 8.883 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	105	Resp:	9288
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	0.8
51	39.9	26.6	40.0
120	14.8	16.2	24.4

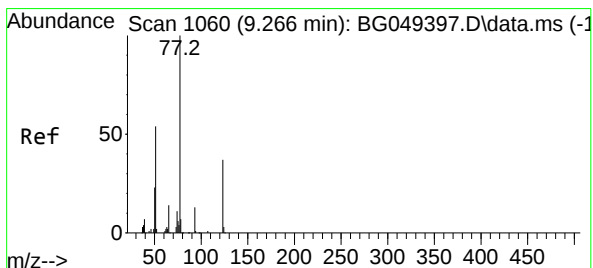
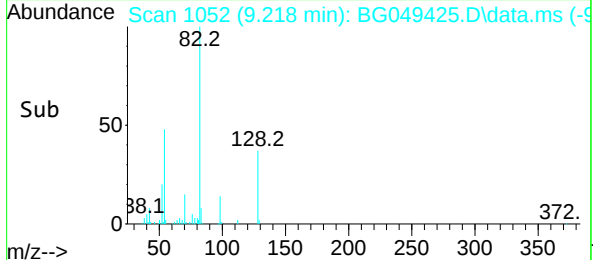
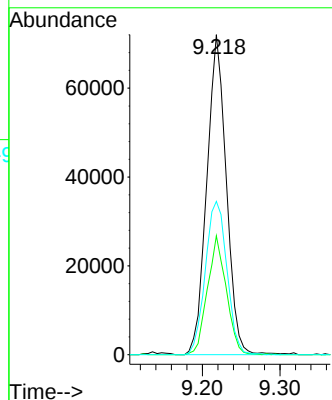
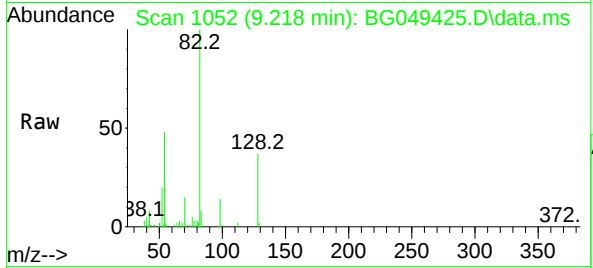




#23
Nitrobenzene-d5
Concen: 63.271 ng
RT: 9.218 min Scan# 1052
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

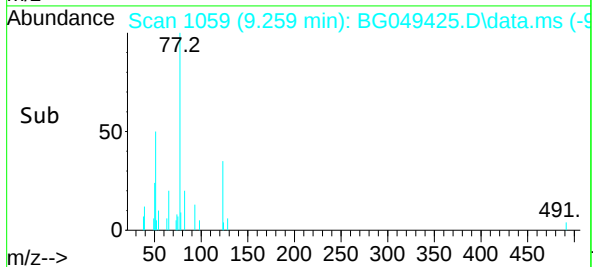
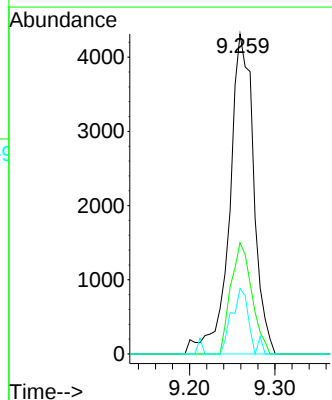
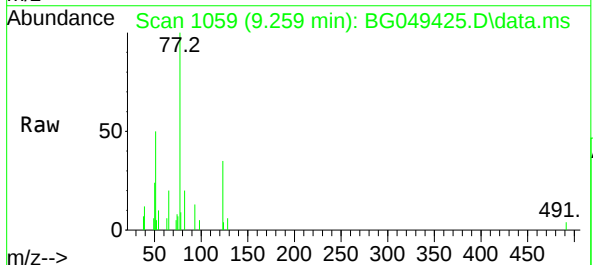
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

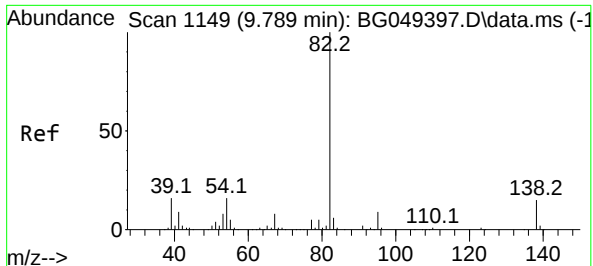
Tgt Ion: 82 Resp: 125795
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 47.9 45.8 68.8



#24
Nitrobenzene
Concen: 4.043 ng
RT: 9.259 min Scan# 1059
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion: 77 Resp: 8442
Ion Ratio Lower Upper
77 100
123 34.8 27.5 41.3
65 20.4 12.6 18.8#

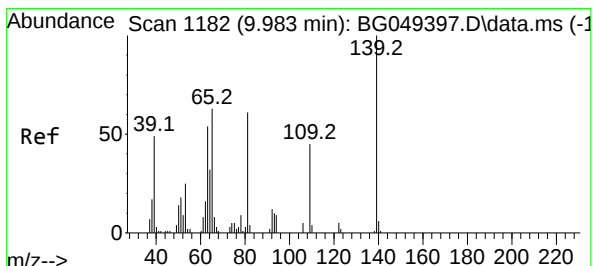
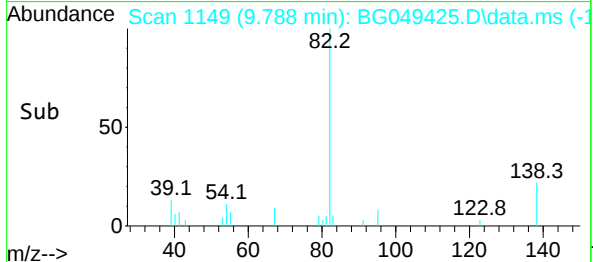
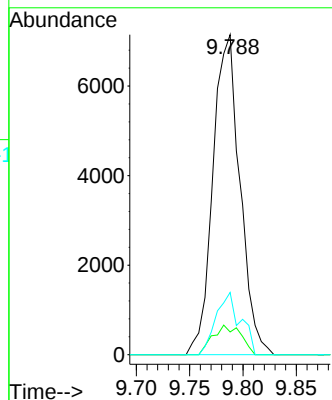
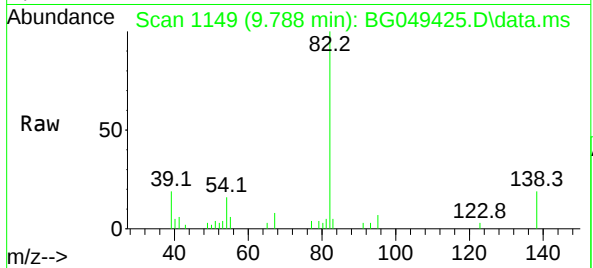




#25
Isophorone
Concen: 3.577 ng
RT: 9.788 min Scan# 1149
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

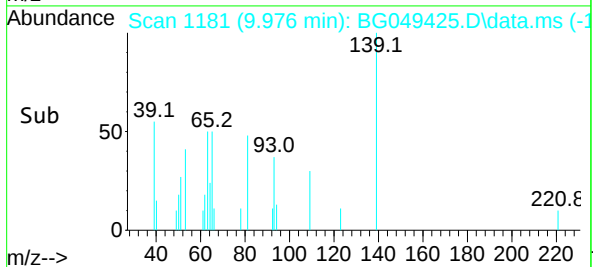
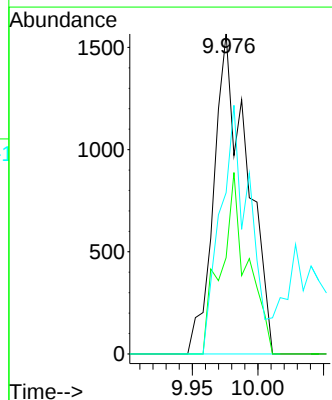
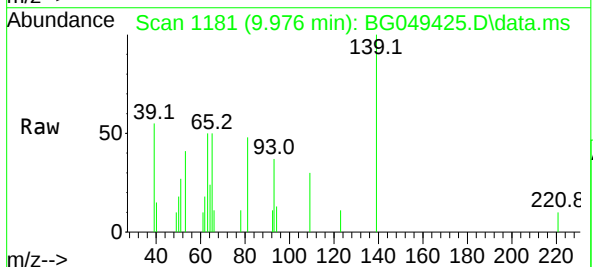
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

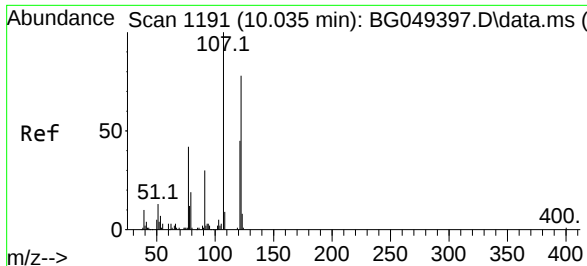
Tgt Ion: 82 Resp: 12599
Ion Ratio Lower Upper
82 100
95 7.1 8.5 12.7#
138 19.5 11.8 17.6#



#26
2-Nitrophenol
Concen: 3.624 ng
RT: 9.976 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:139 Resp: 2747
Ion Ratio Lower Upper
139 100
109 30.1 37.8 56.6#
65 50.4 51.8 77.8#

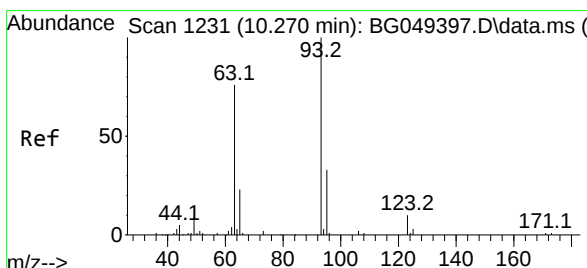
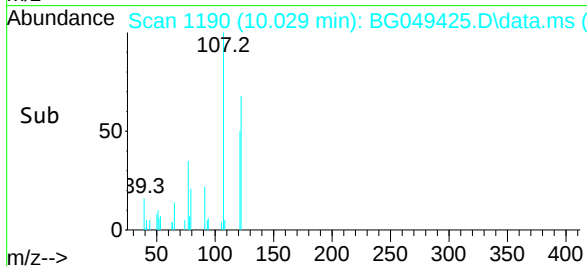
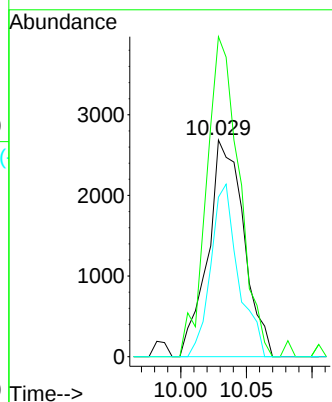
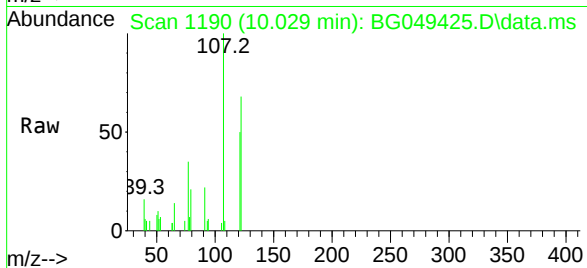




#27
2,4-Dimethylphenol
Concen: 4.217 ng
RT: 10.029 min Scan# 1190
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

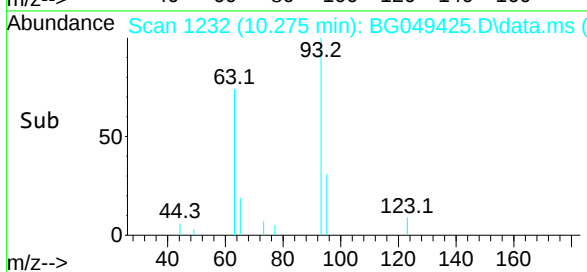
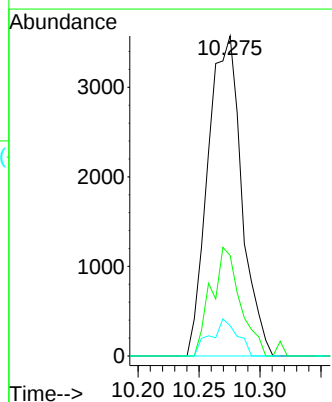
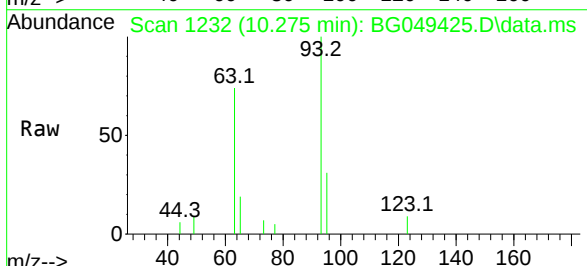
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

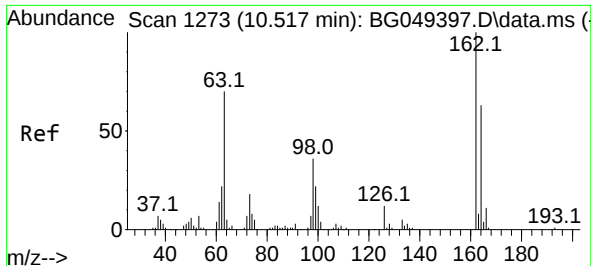
Tgt Ion:122 Resp: 5110
Ion Ratio Lower Upper
122 100
107 147.7 110.1 165.1
121 73.7 49.0 73.6#



#28
bis(2-Chloroethoxy)methane
Concen: 4.368 ng
RT: 10.275 min Scan# 1232
Delta R.T. 0.005 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion: 93 Resp: 6865
Ion Ratio Lower Upper
93 100
95 31.4 22.2 33.4
123 9.4 8.8 13.2

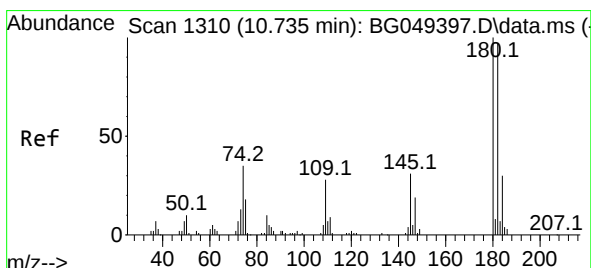
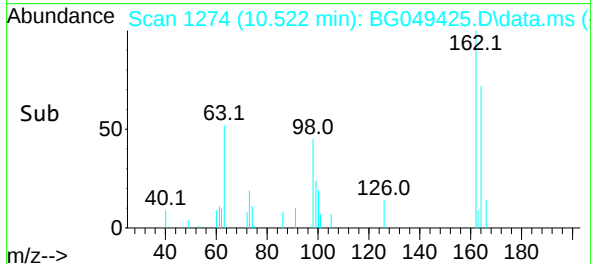
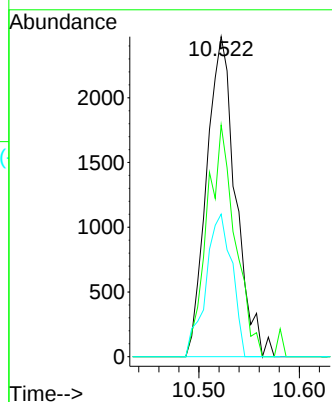
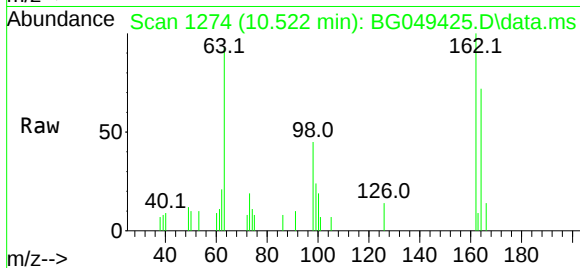




#29
2,4-Dichlorophenol
Concen: 3.543 ng
RT: 10.522 min Scan# 1274
Delta R.T. 0.005 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

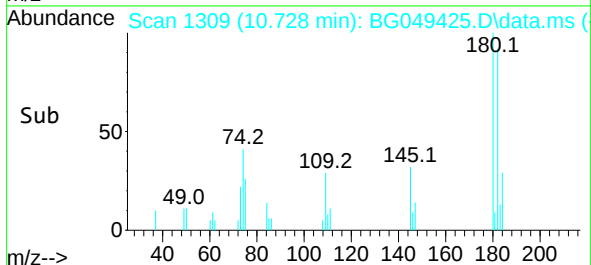
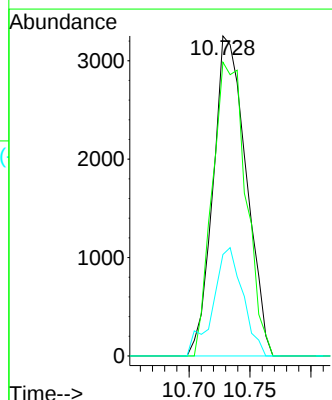
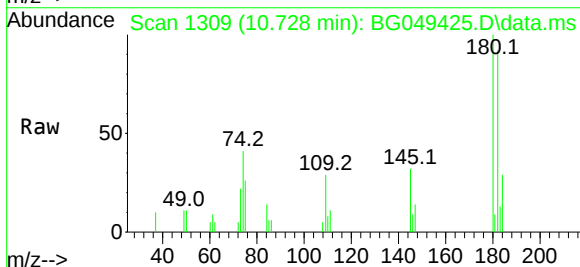
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

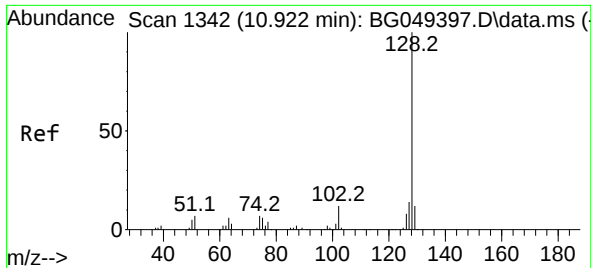
Tgt Ion:162 Resp: 4979
Ion Ratio Lower Upper
162 100
164 72.4 39.4 79.4
98 44.5 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 3.864 ng
RT: 10.728 min Scan# 1309
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:180 Resp: 6132
Ion Ratio Lower Upper
180 100
182 91.8 78.9 118.3
145 31.7 26.2 39.4

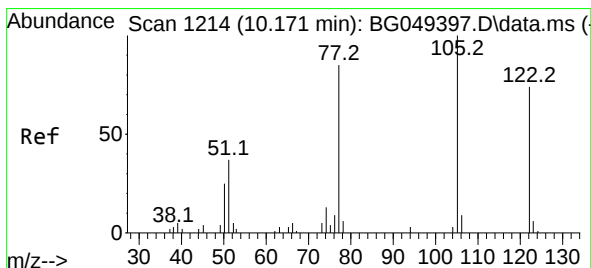
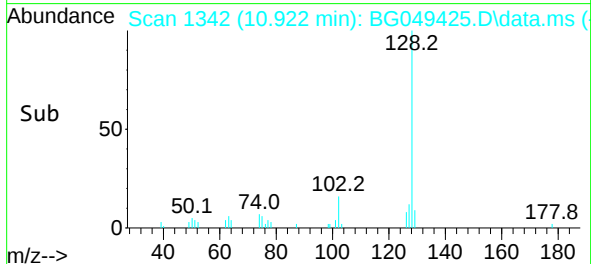
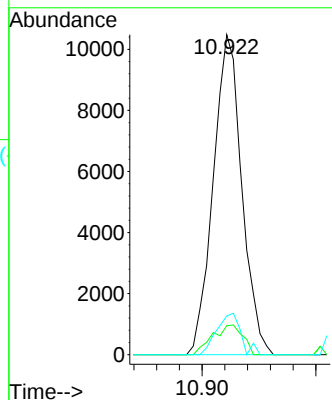
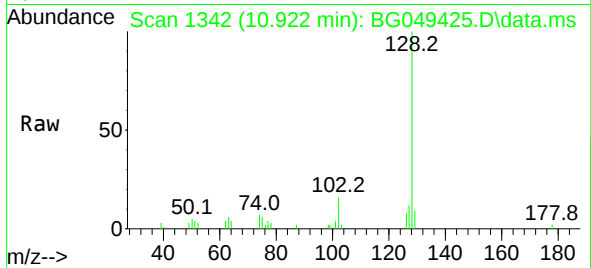




#31
Naphthalene
Concen: 3.890 ng
RT: 10.922 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

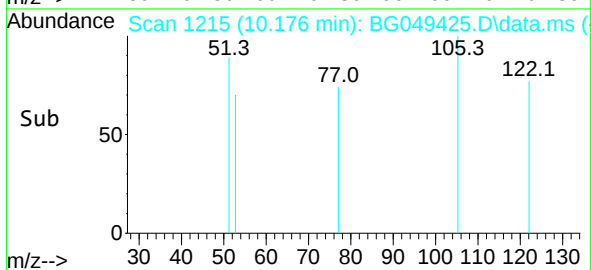
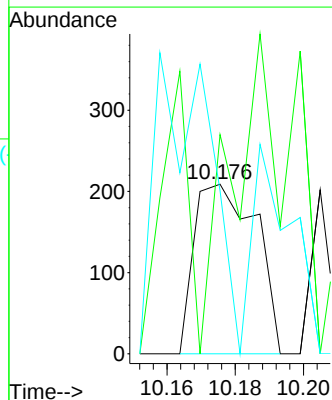
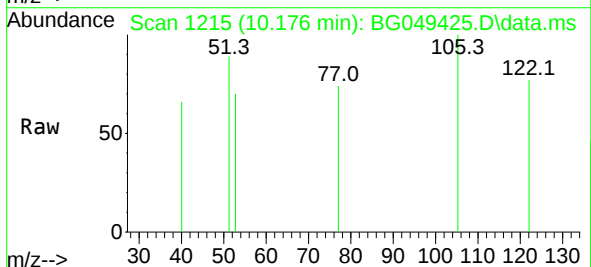
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

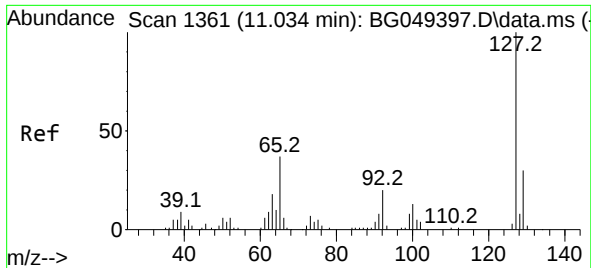
Tgt Ion:	128	Resp:	18276
Ion Ratio	Lower	Upper	
128	100		
129	9.1	8.5	12.7
127	12.1	10.2	15.4



#32
Benzoic acid
Concen: 0.330 ng
RT: 10.176 min Scan# 1215
Delta R.T. 0.005 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	122	Resp:	263
Ion Ratio	Lower	Upper	
122	100		
105	129.2	92.3	132.3
77	96.2	66.5	106.5

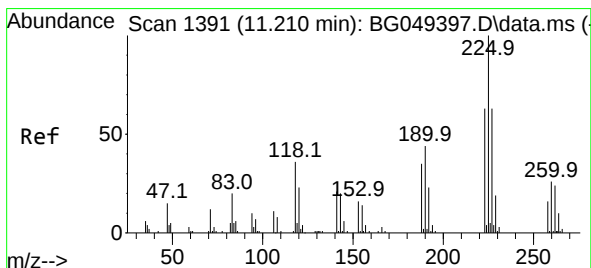
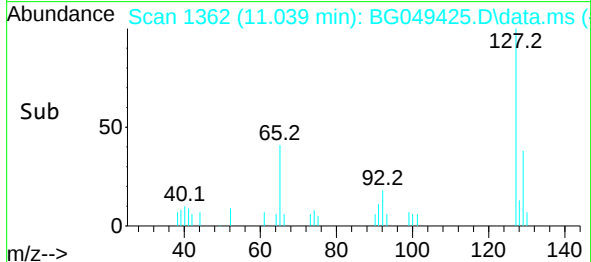
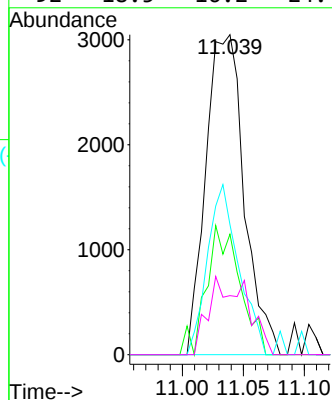
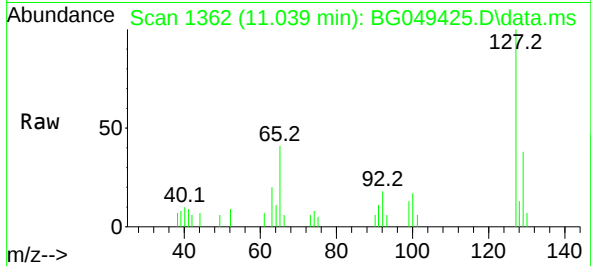




#33
4-Chloroaniline
Concen: 3.724 ng
RT: 11.039 min Scan# 1362
Delta R.T. 0.005 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

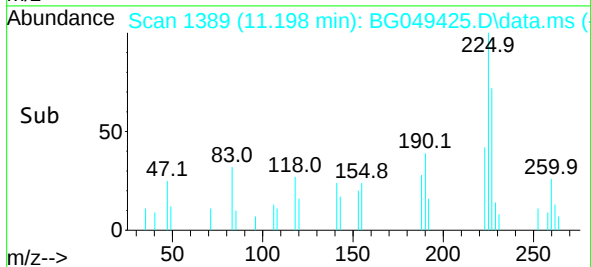
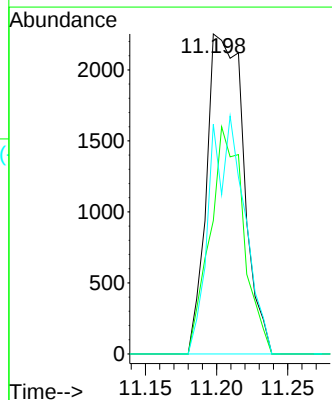
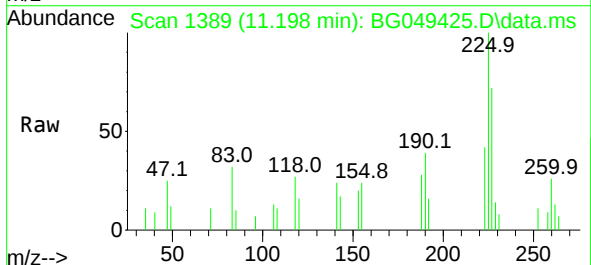
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

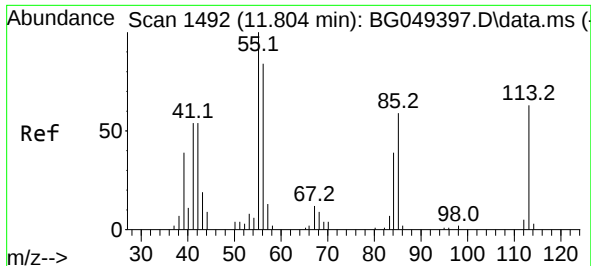
Tgt Ion:127	Resp:	6677
Ion Ratio	Lower	Upper
127	100	
129	37.7	26.7 40.1
65	40.6	32.8 49.2
92	18.5	16.2 24.4



#34
Hexachlorobutadiene
Concen: 3.583 ng
RT: 11.198 min Scan# 1389
Delta R.T. -0.013 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:225	Resp:	4074
Ion Ratio	Lower	Upper
225	100	
223	41.6	49.8 74.8#
227	71.8	46.4 69.6#

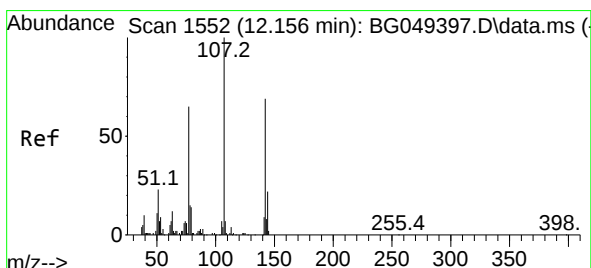
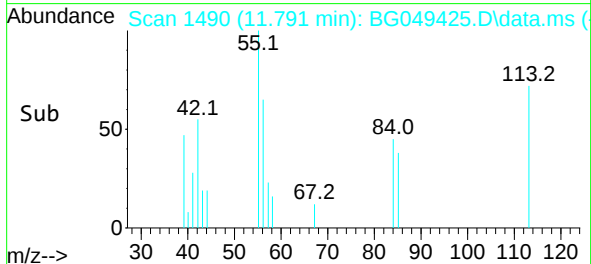
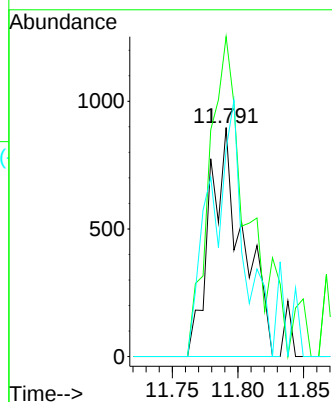
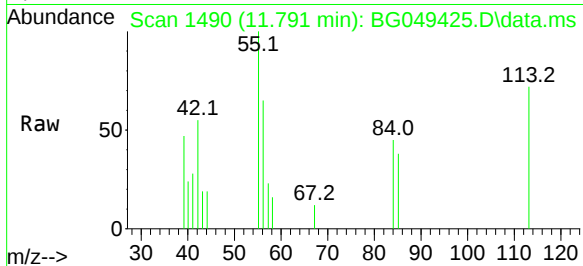




#35
Caprolactam
Concen: 3.621 ng
RT: 11.791 min Scan# 1490
Delta R.T. -0.013 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

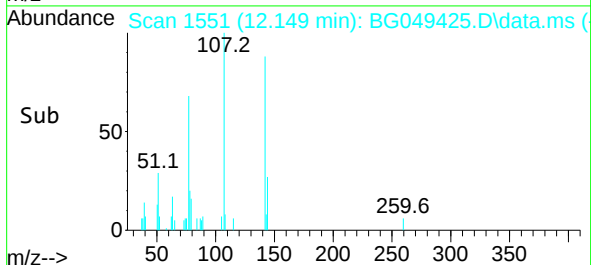
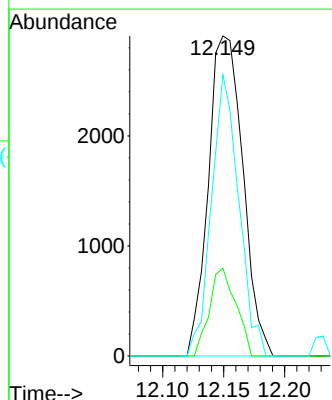
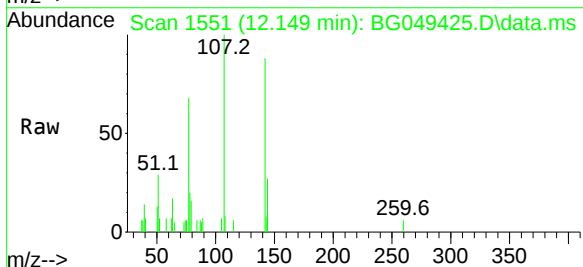
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

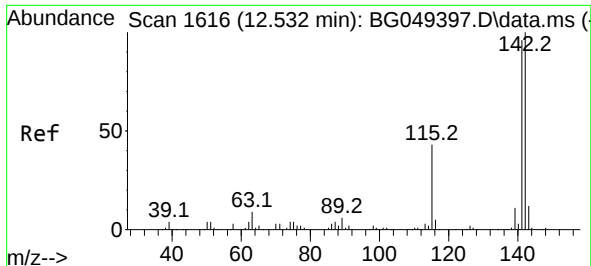
Tgt Ion:113 Resp: 1580
Ion Ratio Lower Upper
113 100
55 139.7 113.8 153.8
56 90.5 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 3.464 ng
RT: 12.149 min Scan# 1551
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:107 Resp: 5740
Ion Ratio Lower Upper
107 100
144 27.4 24.8 37.2
142 87.9 62.2 93.4

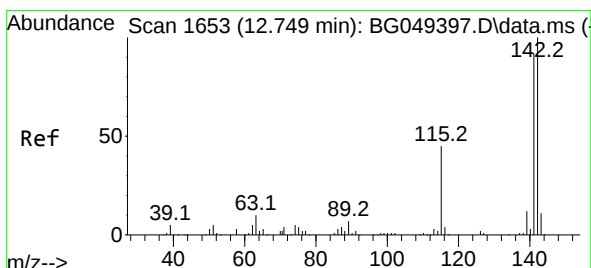
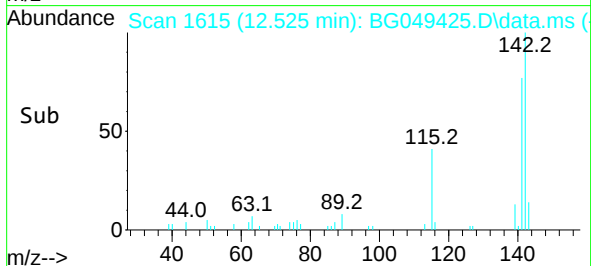
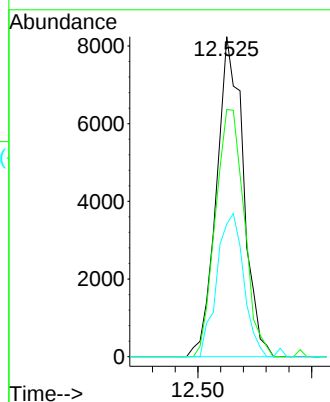
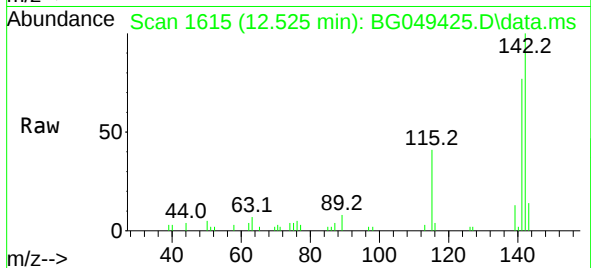




#37
2-Methylnaphthalene
Concen: 3.927 ng
RT: 12.525 min Scan# 1615
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

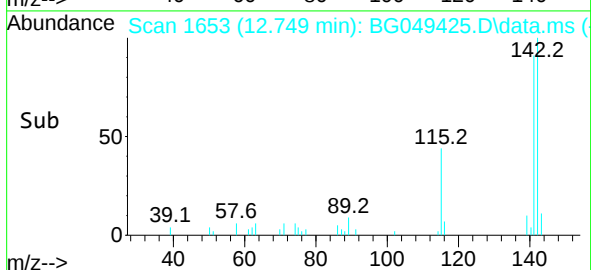
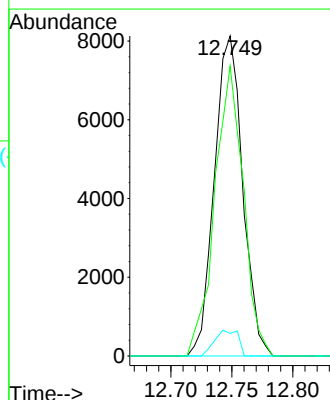
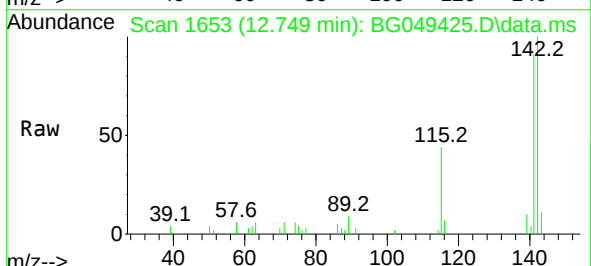
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

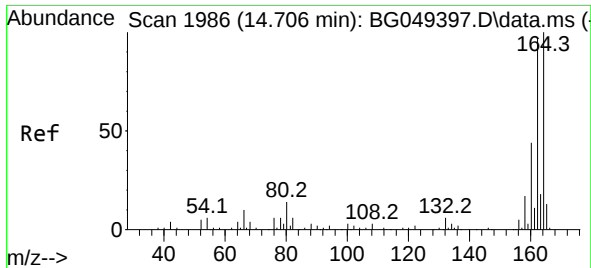
Tgt Ion:142 Resp: 13464
Ion Ratio Lower Upper
142 100
141 77.3 68.8 103.2
115 41.5 36.4 54.6



#38
1-Methylnaphthalene
Concen: 4.010 ng
RT: 12.749 min Scan# 1653
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:142 Resp: 13146
Ion Ratio Lower Upper
142 100
141 90.6 70.6 106.0
116 7.0 4.0 6.0#

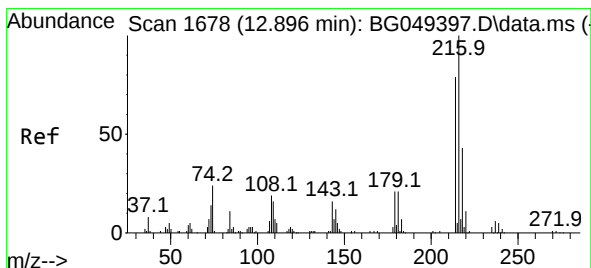
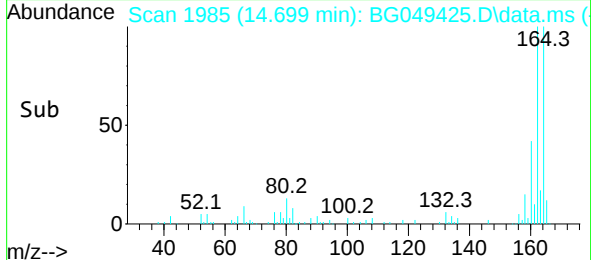
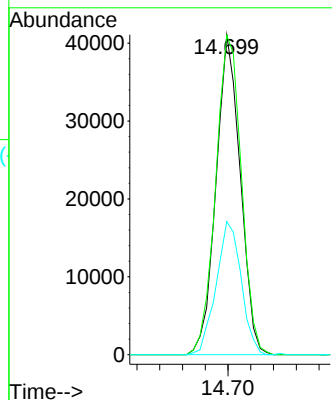
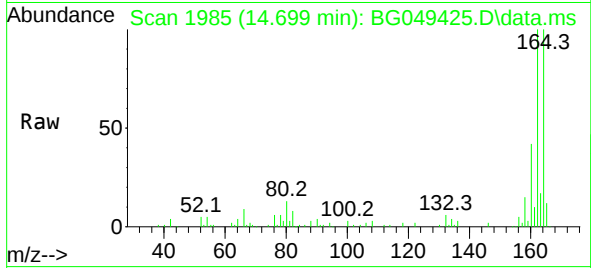




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

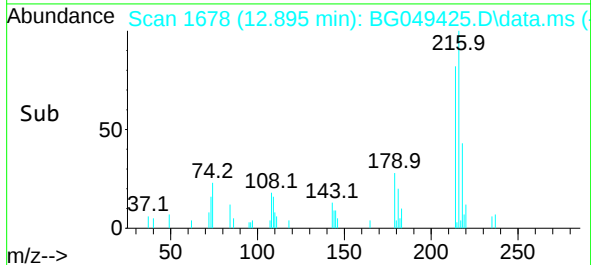
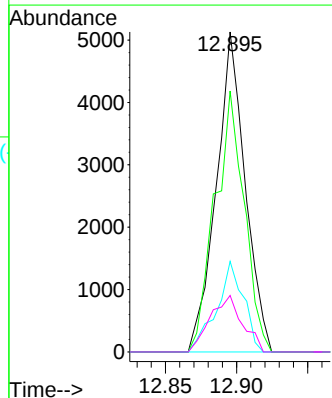
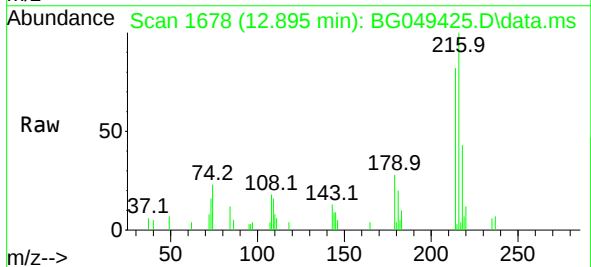
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

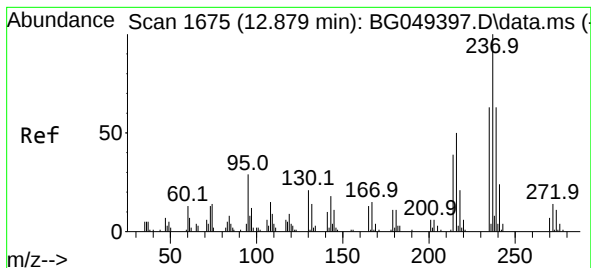
Tgt Ion:164 Resp: 60697
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 41.6 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.034 ng
RT: 12.895 min Scan# 1678
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:216 Resp: 7241
Ion Ratio Lower Upper
216 100
214 82.9 61.4 92.2
179 26.3 17.3 25.9#
108 19.7 16.3 24.5



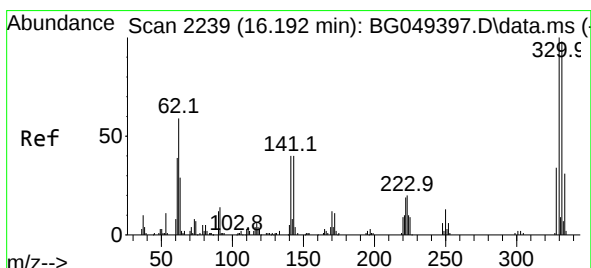
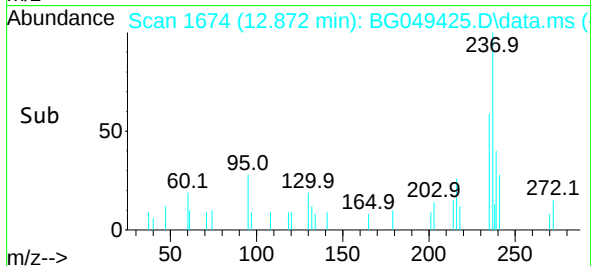
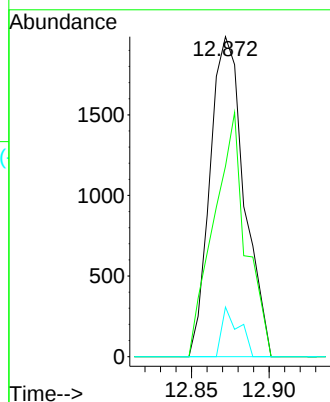
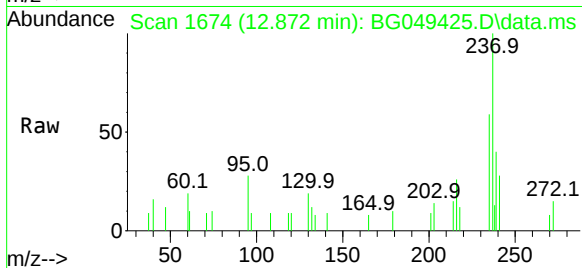


#41

Hexachlorocyclopentadiene
Concen: 3.793 ng
RT: 12.872 min Scan# 1674
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

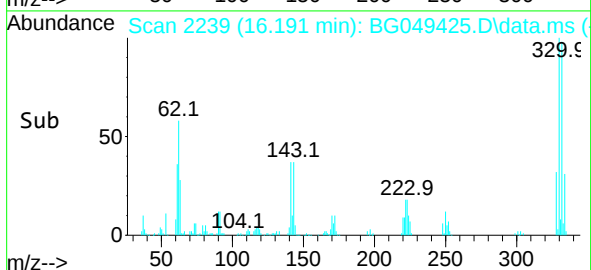
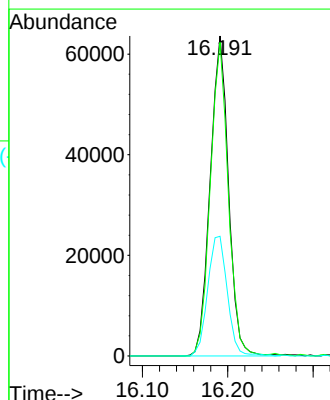
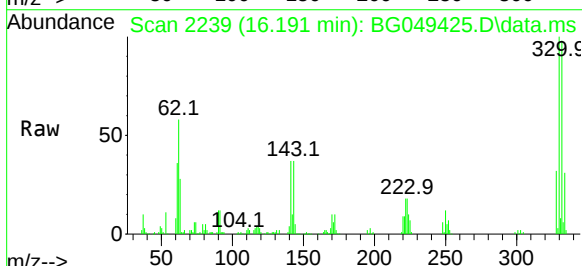
Tgt Ion:237	Resp:	3039
Ion Ratio	Lower	Upper
237	100	
235	59.5	36.6 76.6
272	15.5	0.0 32.5

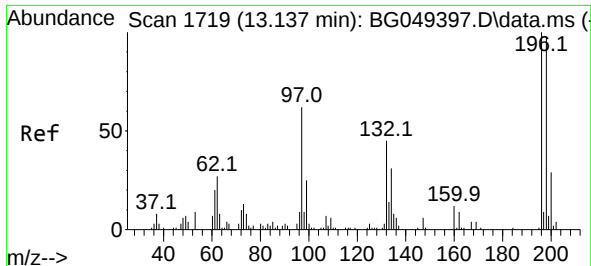


#42

2,4,6-Tribromophenol
Concen: 116.802 ng
RT: 16.191 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:330	Resp:	94942
Ion Ratio	Lower	Upper
330	100	
332	95.8	77.3 115.9
141	40.0	35.6 53.4

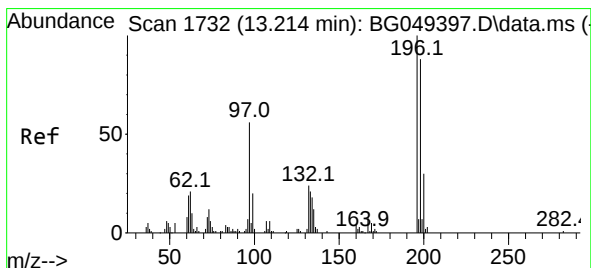
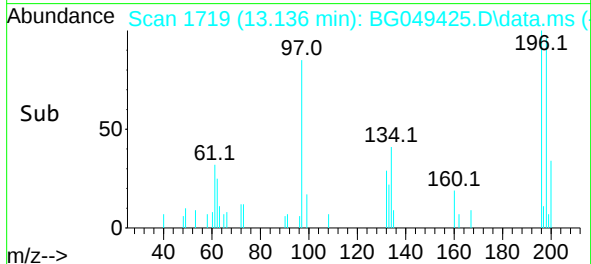
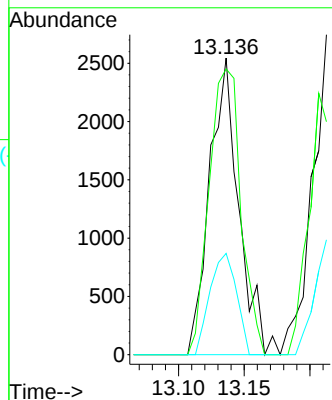
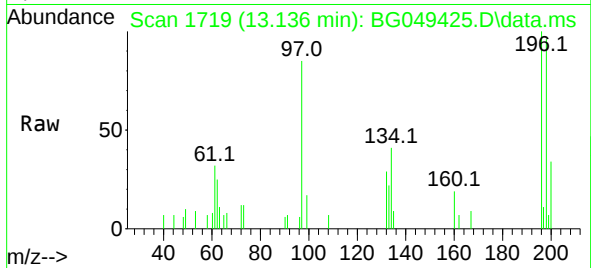




#43
2,4,6-Trichlorophenol
Concen: 3.369 ng
RT: 13.136 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

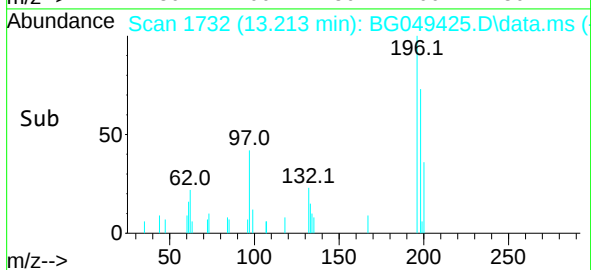
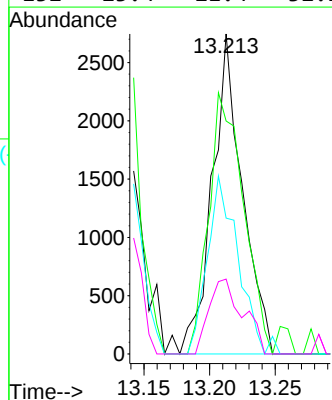
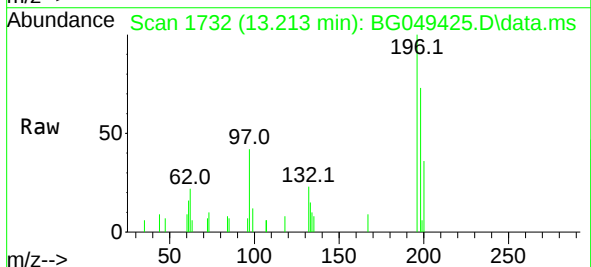
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

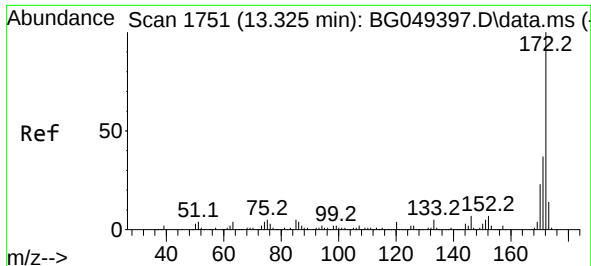
Tgt Ion:196 Resp: 3944
Ion Ratio Lower Upper
196 100
198 96.4 82.1 123.1
200 34.2 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 3.451 ng
RT: 13.213 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:196 Resp: 4370
Ion Ratio Lower Upper
196 100
198 72.8 87.4 131.0#
97 42.5 43.3 64.9#
132 23.4 21.4 32.2

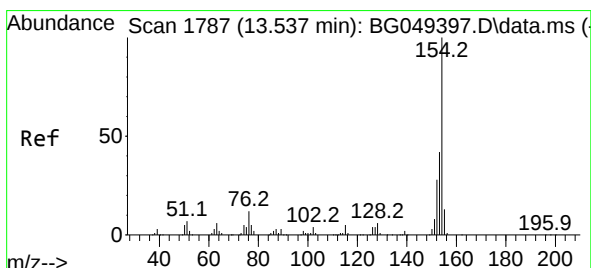
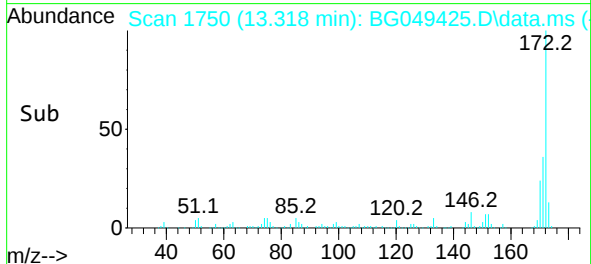
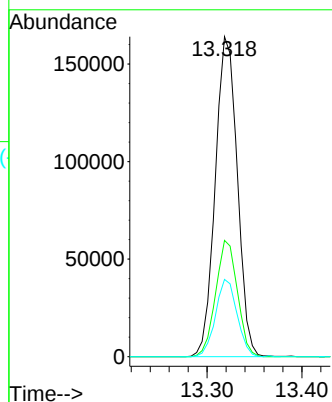
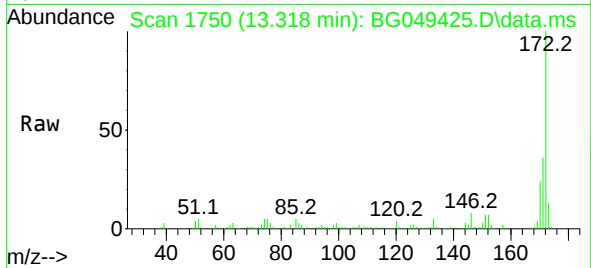




#45
2-Fluorobiphenyl
Concen: 62.809 ng
RT: 13.318 min Scan# 1750
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

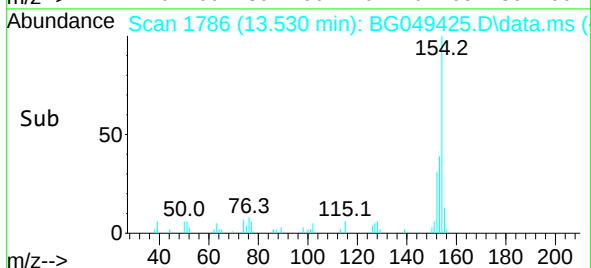
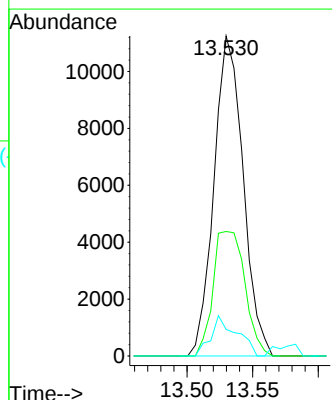
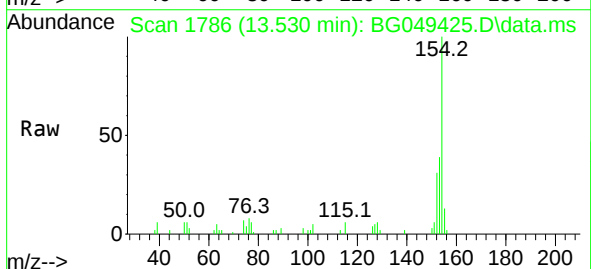
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

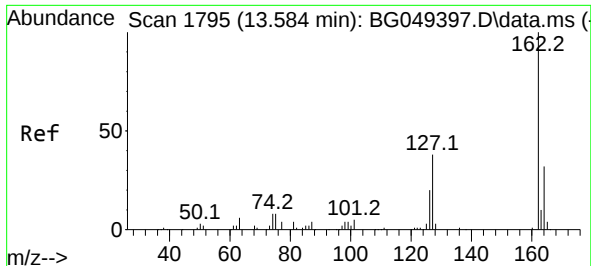
Tgt Ion:172 Resp: 264944
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 3.897 ng
RT: 13.530 min Scan# 1786
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:154 Resp: 17341
Ion Ratio Lower Upper
154 100
153 38.9 20.5 60.5
76 8.3 0.0 29.3

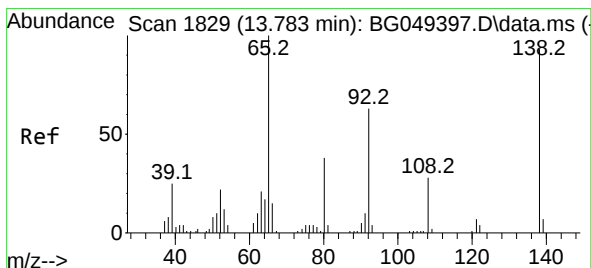
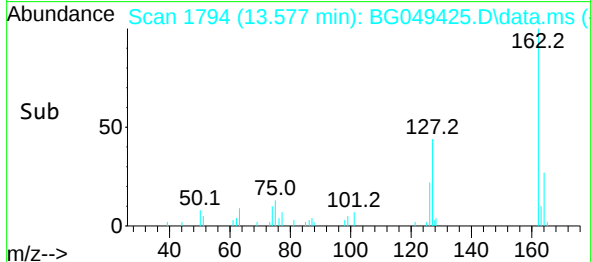
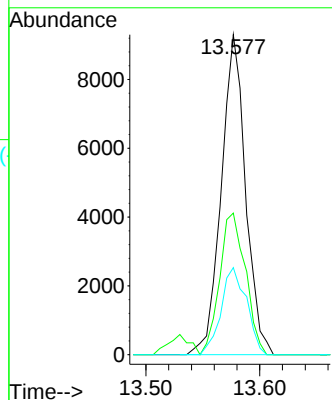
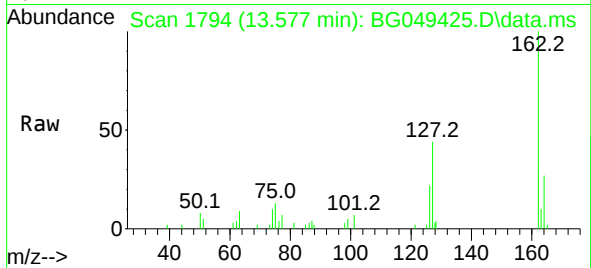




#47
2-Chloronaphthalene
Concen: 4.041 ng
RT: 13.577 min Scan# 1794
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

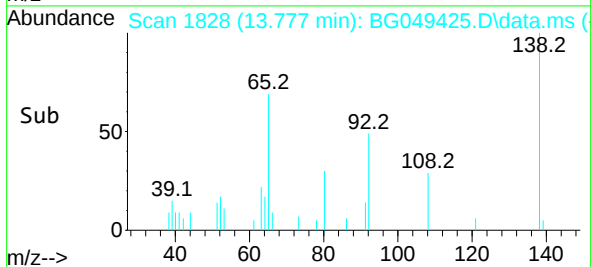
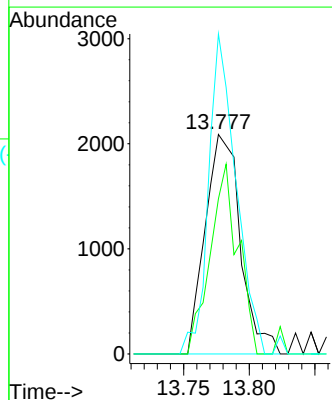
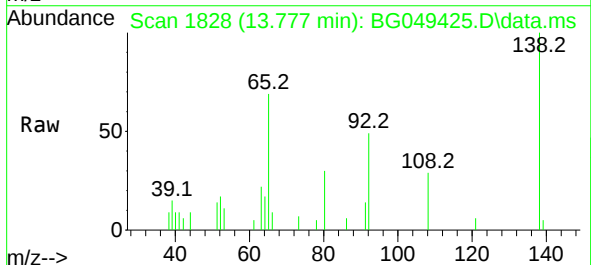
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

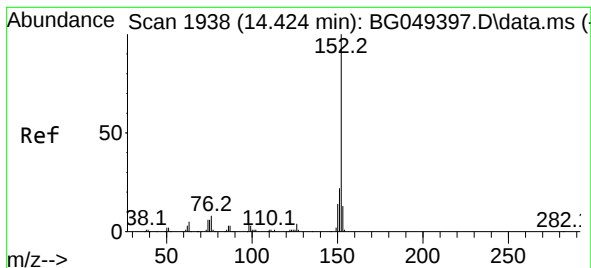
Tgt Ion:162 Resp: 13810
Ion Ratio Lower Upper
162 100
127 44.2 32.7 49.1
164 27.2 27.0 40.4



#48
2-Nitroaniline
Concen: 3.277 ng
RT: 13.777 min Scan# 1828
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion: 65 Resp: 3898
Ion Ratio Lower Upper
65 100
92 70.7 47.2 70.8
138 145.8 68.0 102.0#

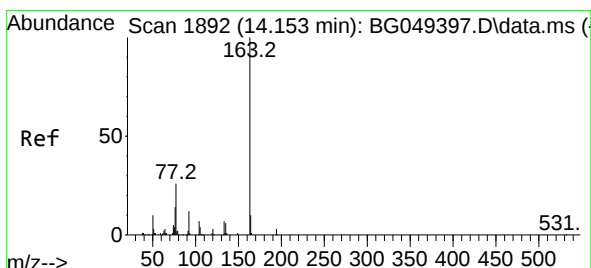
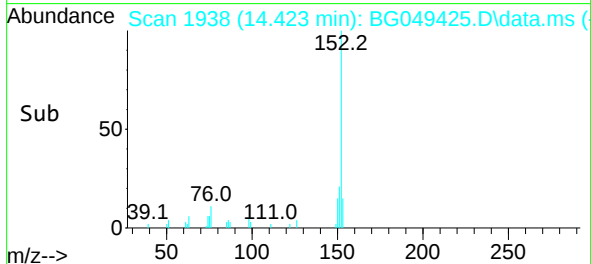
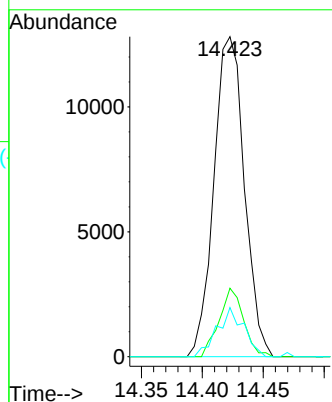
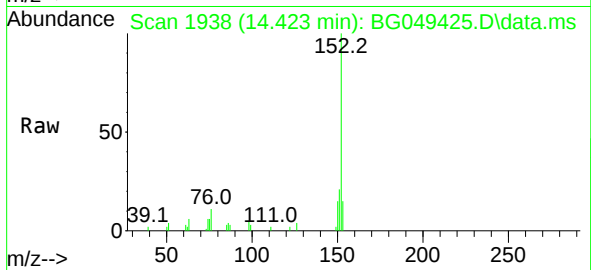




#49
Acenaphthylene
Concen: 4.015 ng
RT: 14.423 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

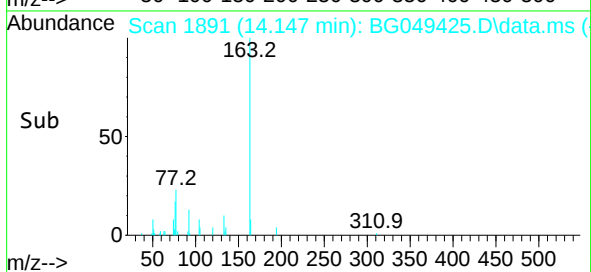
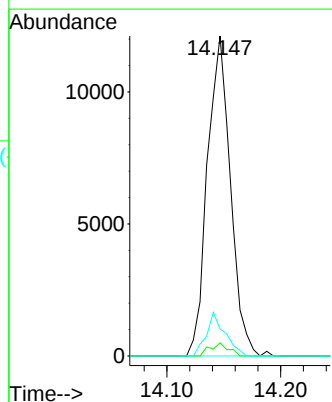
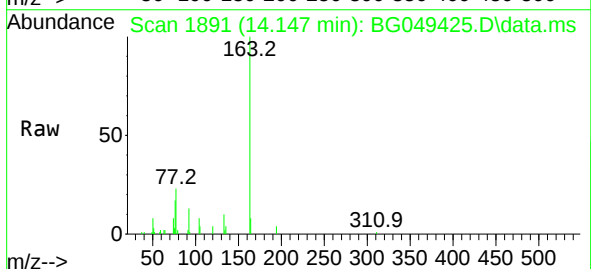
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

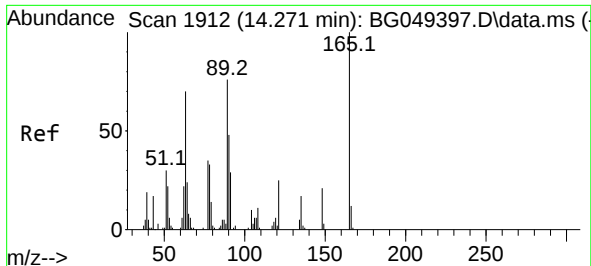
Tgt Ion:	152	Resp:	22248
Ion Ratio	Lower	Upper	
152	100		
151	21.4	18.2	27.4
153	15.4	11.7	17.5



#50
Dimethylphthalate
Concen: 3.876 ng
RT: 14.147 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	163	Resp:	17093
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	8.5	8.6	12.8#

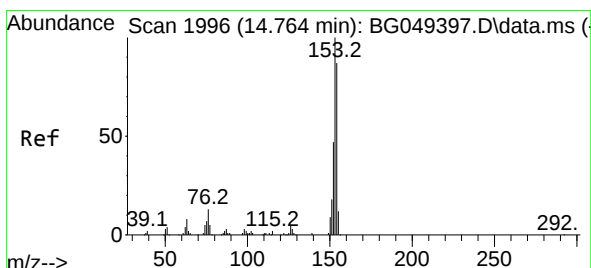
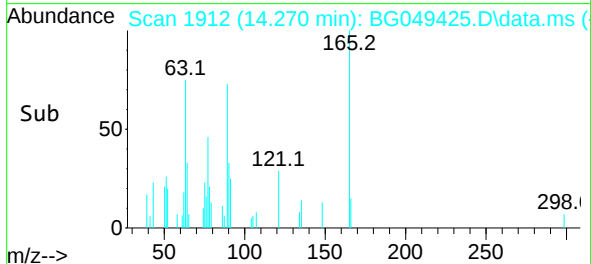
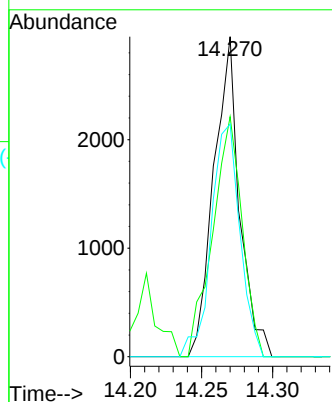
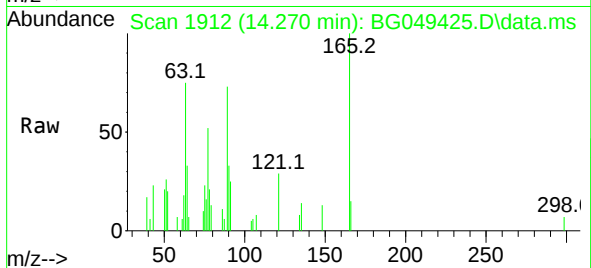




#51
2,6-Dinitrotoluene
Concen: 3.879 ng
RT: 14.270 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

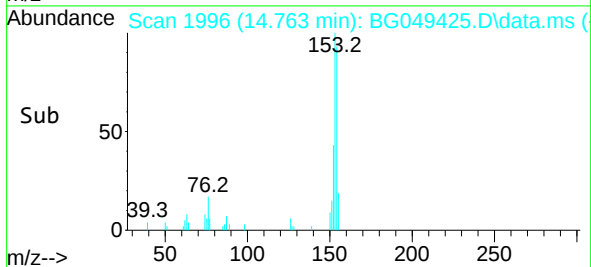
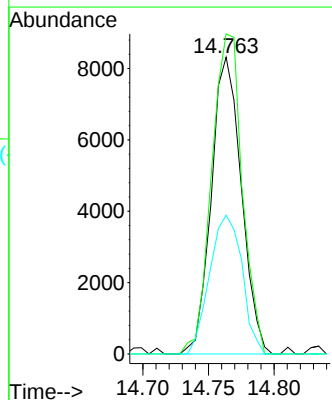
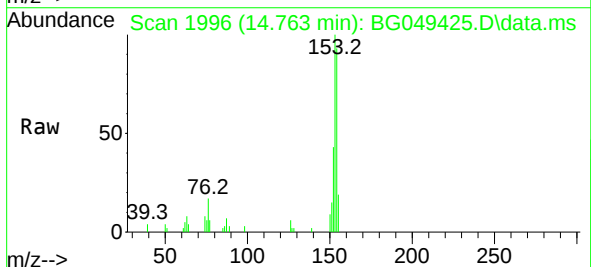
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

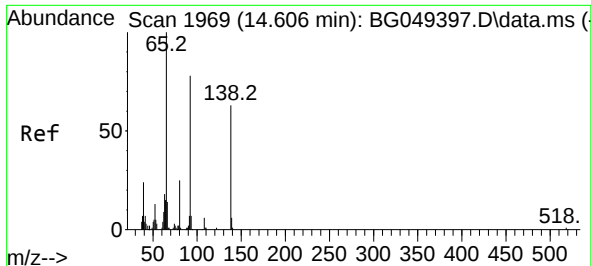
Tgt Ion:165 Resp: 3714
Ion Ratio Lower Upper
165 100
63 75.0 63.3 94.9
89 72.7 63.4 95.0



#52
Acenaphthene
Concen: 3.954 ng
RT: 14.763 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:154 Resp: 13226
Ion Ratio Lower Upper
154 100
153 107.8 87.0 130.4
152 46.7 40.1 60.1

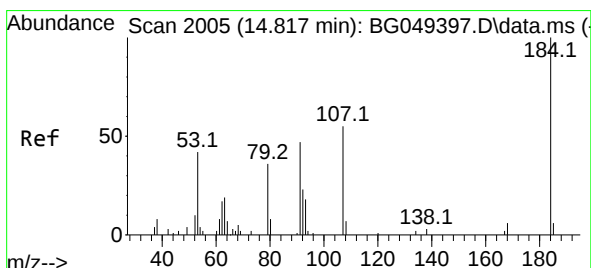
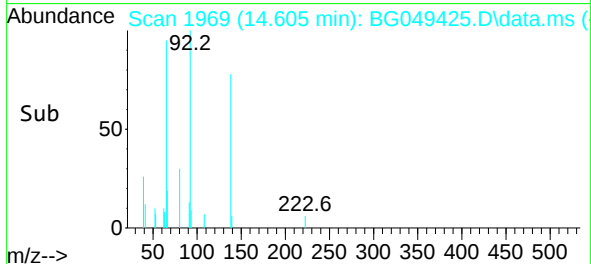
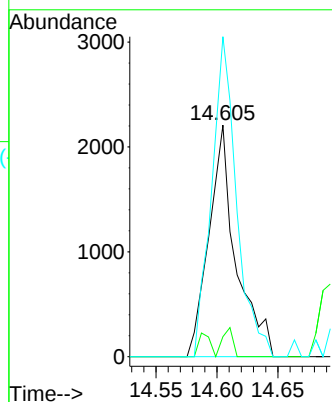
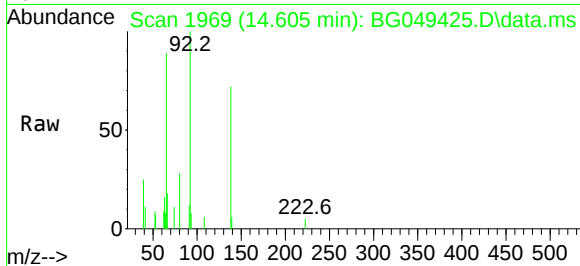




#53
3-Nitroaniline
Concen: 3.547 ng
RT: 14.605 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

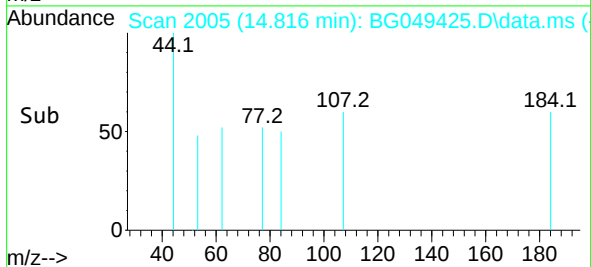
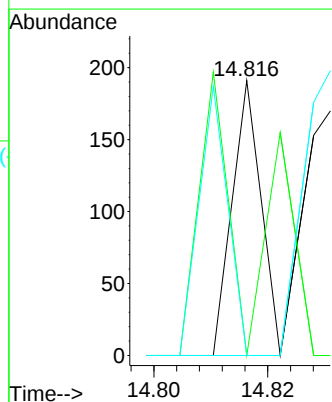
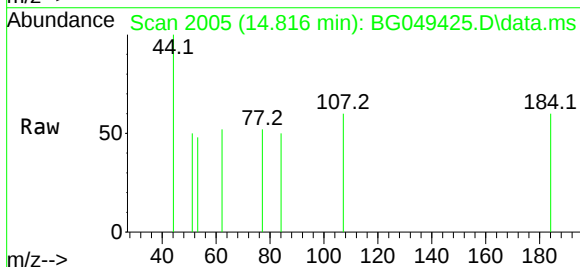
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

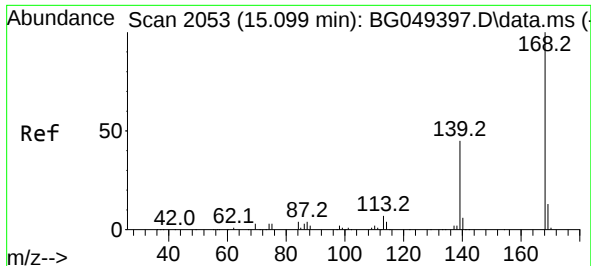
Tgt Ion:138 Resp: 3405
Ion Ratio Lower Upper
138 100
108 8.7 8.3 12.5
92 138.2 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 0.166 ng
RT: 14.816 min Scan# 2005
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

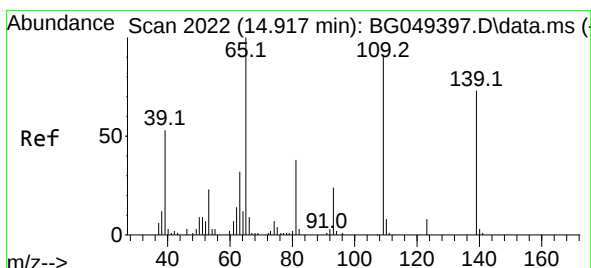
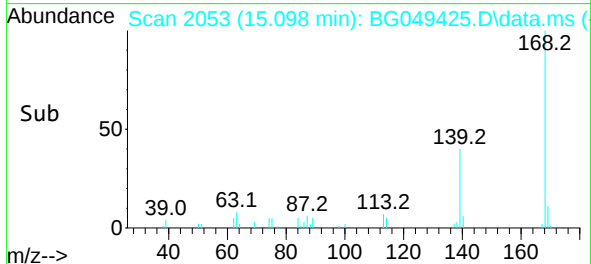
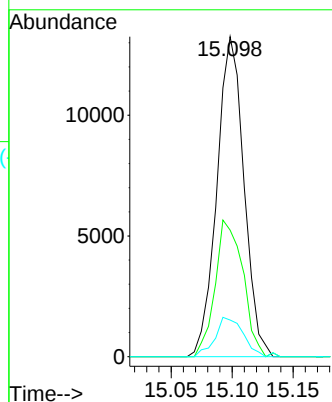
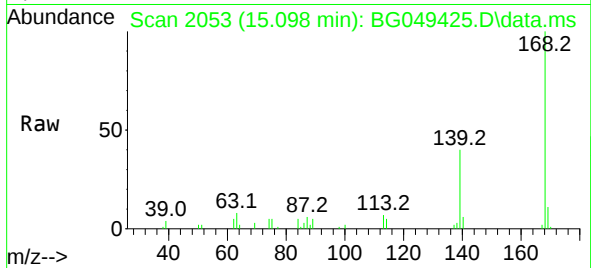




#55
Dibenzenofuran
Concen: 3.809 ng
RT: 15.098 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

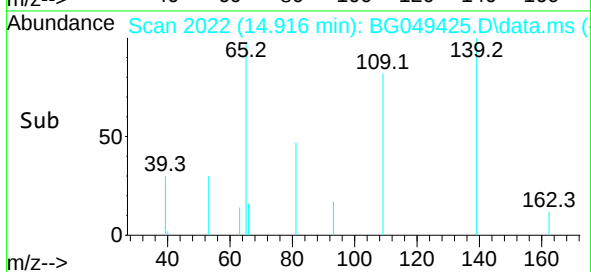
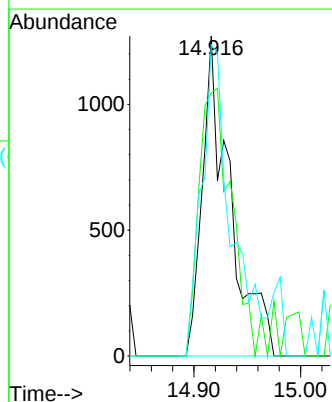
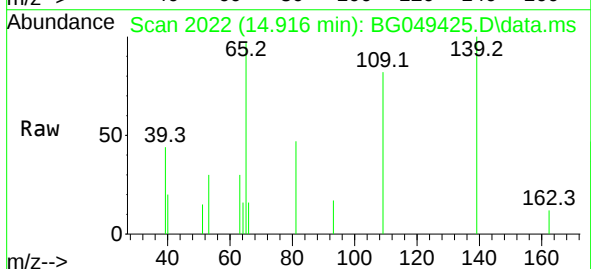
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

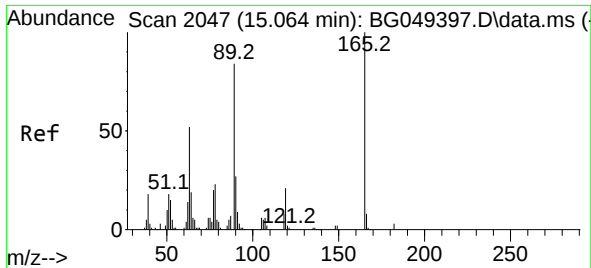
Tgt Ion:168 Resp: 20441
Ion Ratio Lower Upper
168 100
139 39.6 33.4 50.2
169 11.5 12.3 18.5#



#56
4-Nitrophenol
Concen: 3.027 ng
RT: 14.916 min Scan# 2022
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:139 Resp: 2292
Ion Ratio Lower Upper
139 100
109 82.2 116.3 156.3#
65 97.2 105.0 145.0#

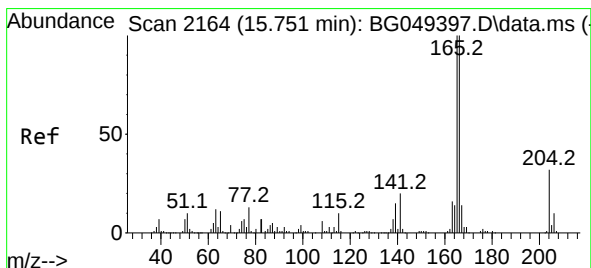
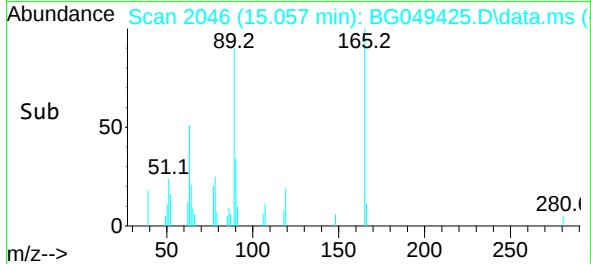
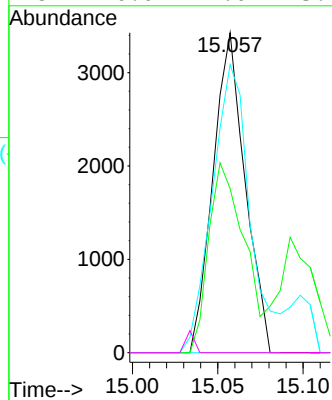
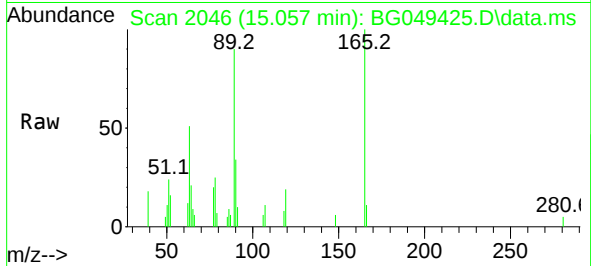




#57
2,4-Dinitrotoluene
Concen: 3.381 ng
RT: 15.057 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

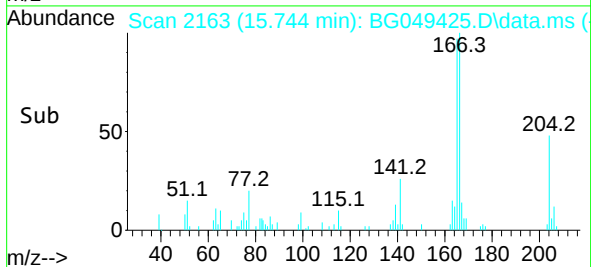
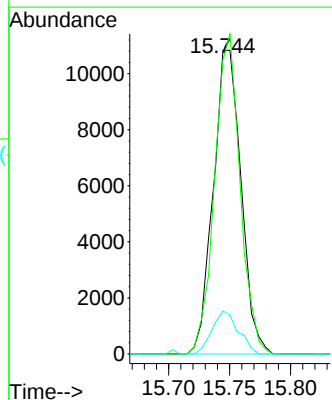
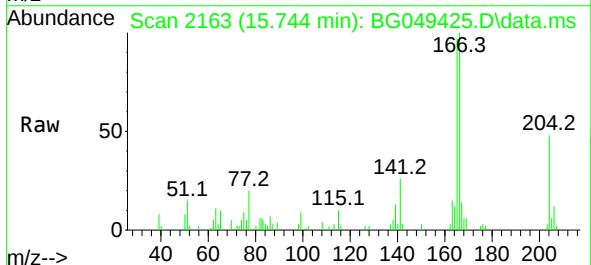
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

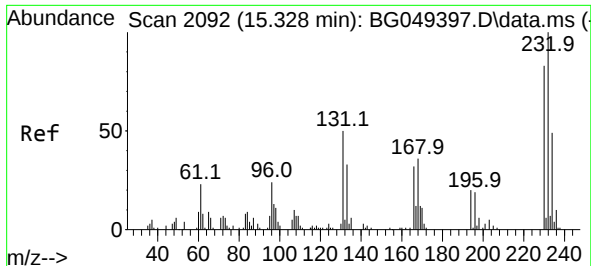
Tgt Ion:165 Resp: 4473
Ion Ratio Lower Upper
165 100
63 51.2 48.0 72.0
89 90.0 65.4 98.0
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 3.960 ng
RT: 15.744 min Scan# 2163
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:166 Resp: 17221
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 14.2 10.8 16.2

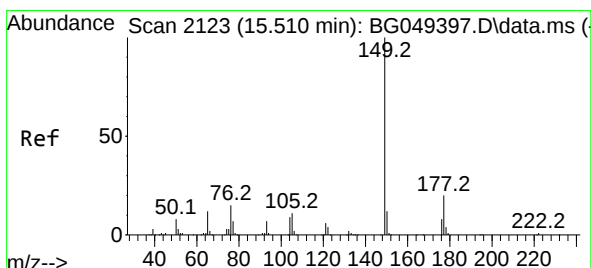
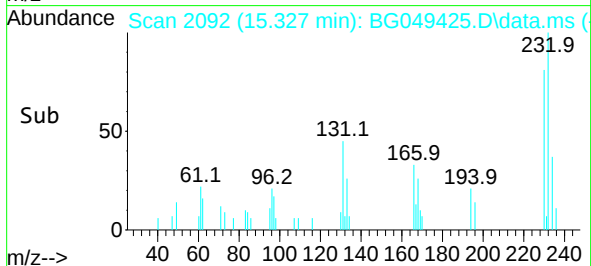
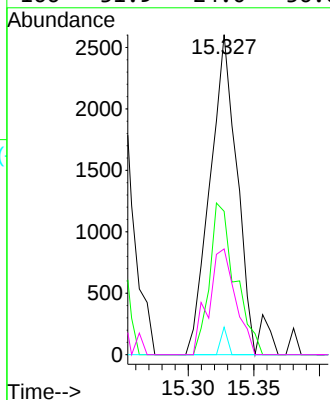
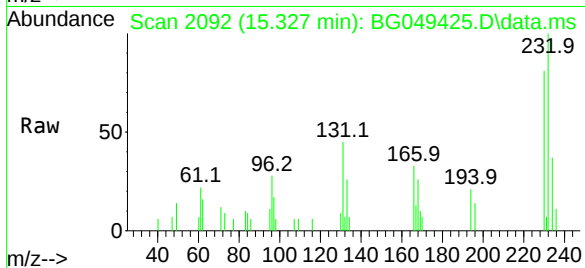




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.337 ng
RT: 15.327 min Scan# 2092
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

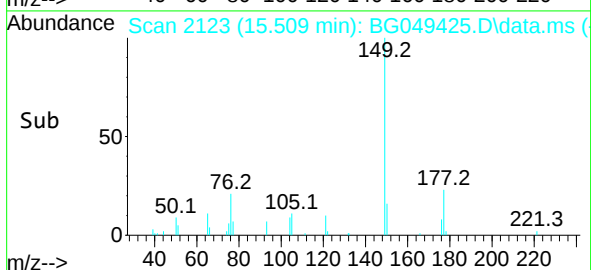
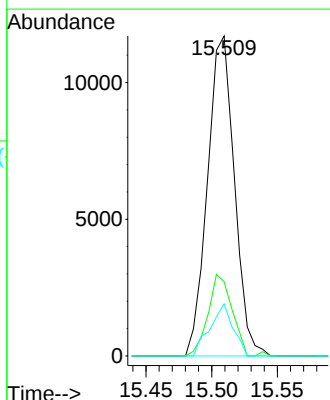
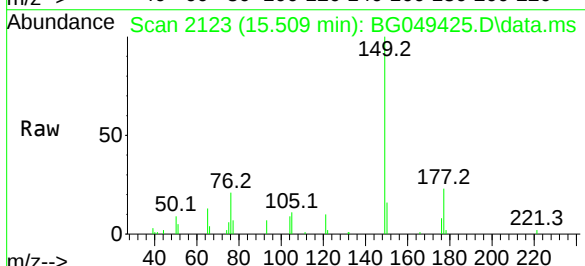
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

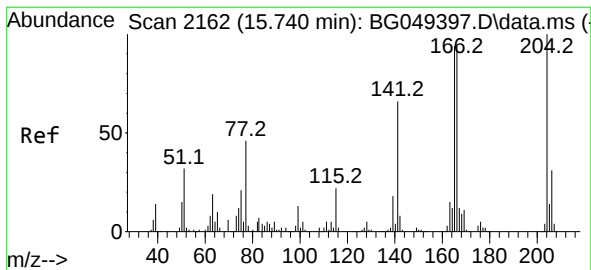
Tgt Ion:	232	Resp:	3863
Ion	Ratio	Lower	Upper
232	100		
131	43.4	37.2	55.8
130	2.0	2.8	4.2#
166	31.9	24.0	36.0



#60
Diethylphthalate
Concen: 3.768 ng
RT: 15.509 min Scan# 2123
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	149	Resp:	16691
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.6
150	16.3	10.2	15.4#

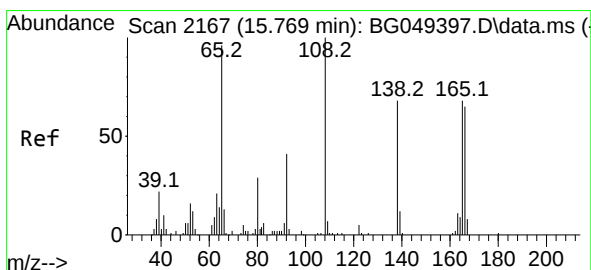
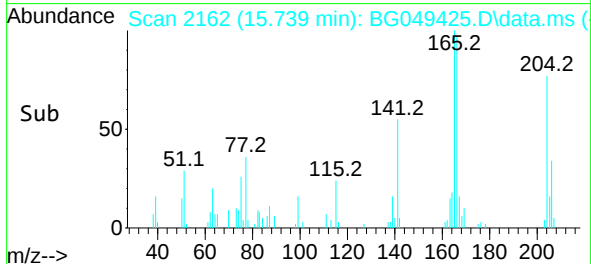
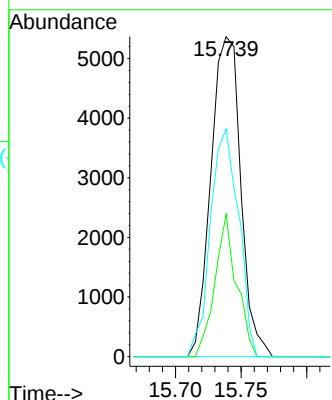
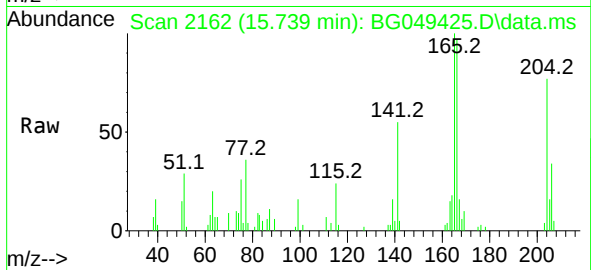




#61
4-Chlorophenyl-phenylether
Concen: 3.837 ng
RT: 15.739 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

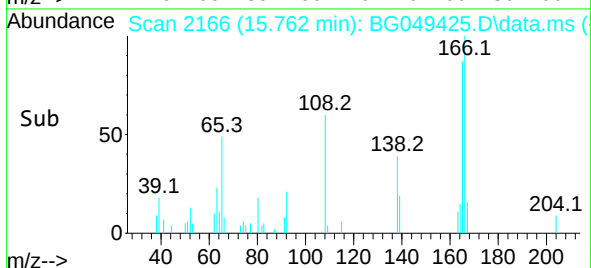
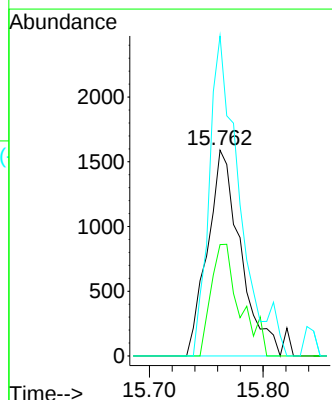
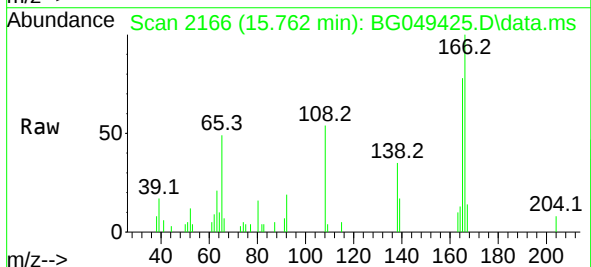
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

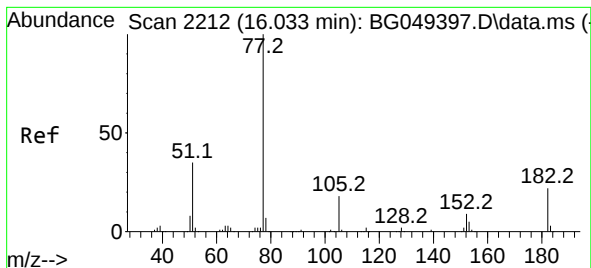
Tgt Ion:204 Resp: 8488
Ion Ratio Lower Upper
204 100
206 44.5 24.6 37.0#
141 71.2 47.8 71.8



#62
4-Nitroaniline
Concen: 3.165 ng
RT: 15.762 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:138 Resp: 3198
Ion Ratio Lower Upper
138 100
92 54.2 32.3 72.3
108 155.6 132.4 172.4

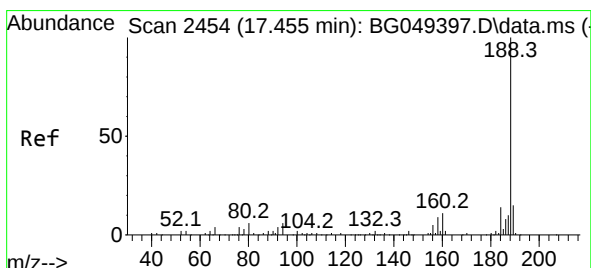
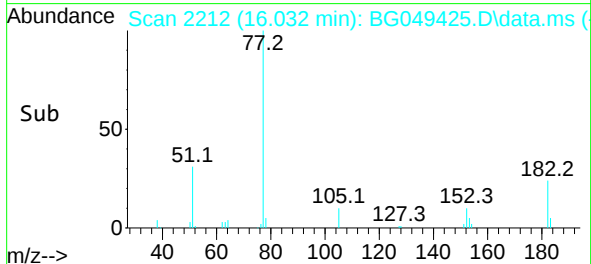
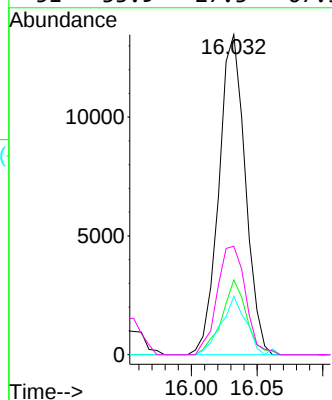
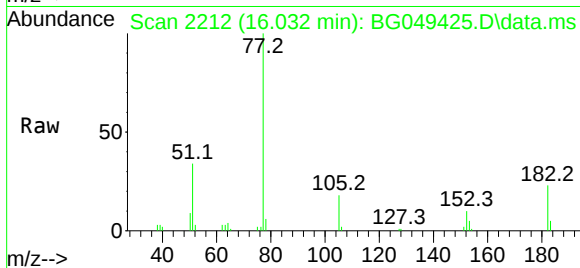




#63
Azobenzene
Concen: 3.835 ng
RT: 16.032 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

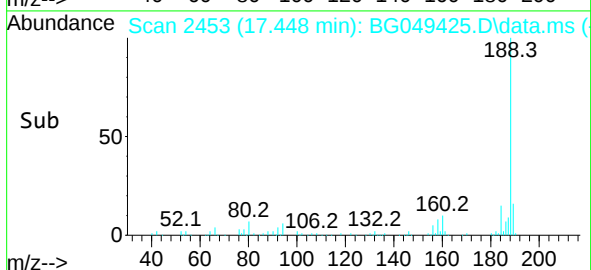
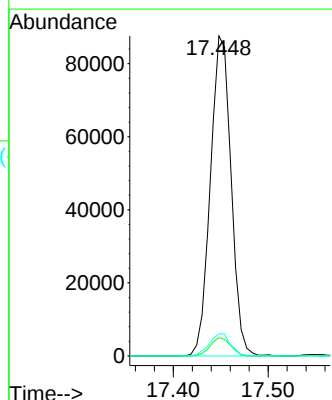
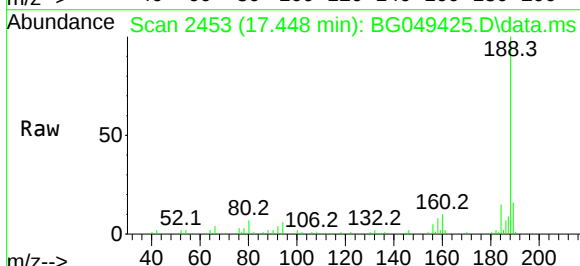
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

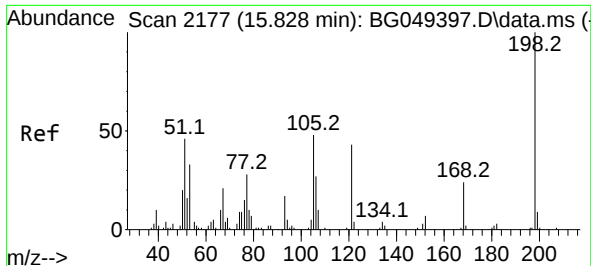
Tgt Ion: 77	Resp: 18810
Ion Ratio	Lower Upper
77 100	
182 23.4	7.9 47.9
105 18.2	0.0 37.9
51 33.9	27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:188	Resp: 132869
Ion Ratio	Lower Upper
188 100	
94 5.7	5.4 8.0
80 6.9	3.7 5.5#

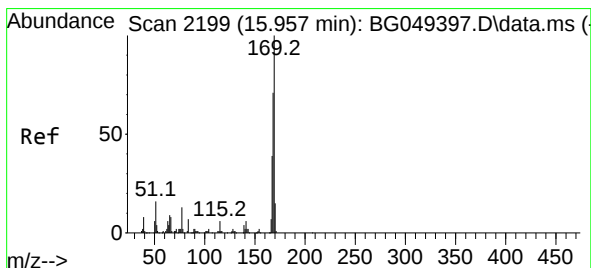
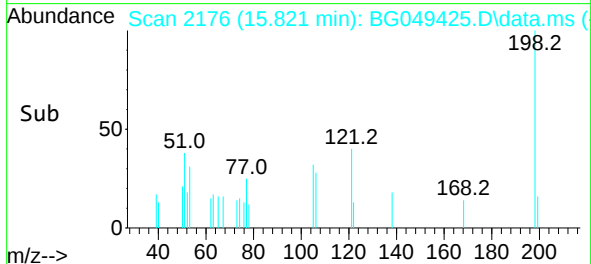
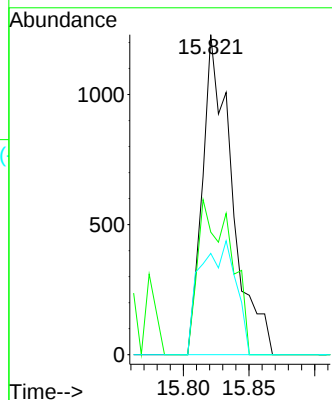
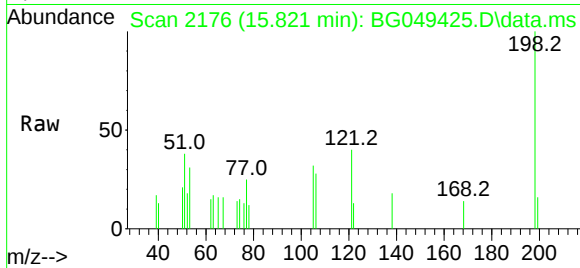




#65
4,6-Dinitro-2-methylphenol
Concen: 2.674 ng
RT: 15.821 min Scan# 2176
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

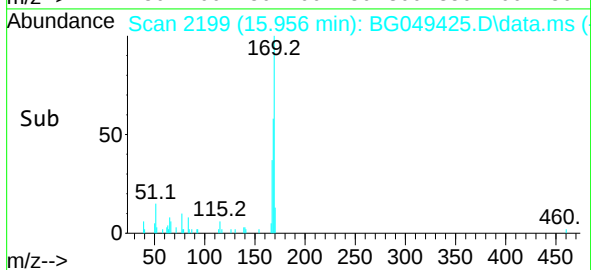
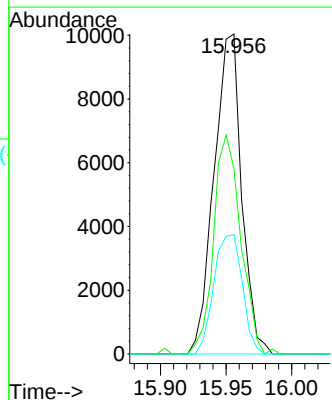
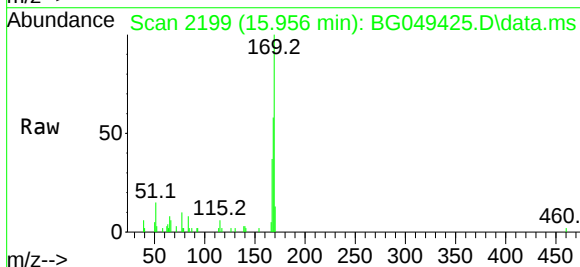
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

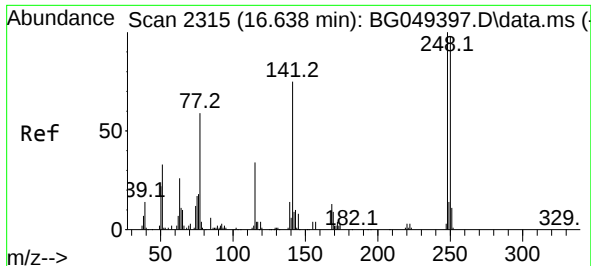
Tgt Ion:198	Resp:	1925
Ion Ratio	Lower	Upper
198	100	
51	38.3	29.4 69.4
105	31.6	15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 3.854 ng
RT: 15.956 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

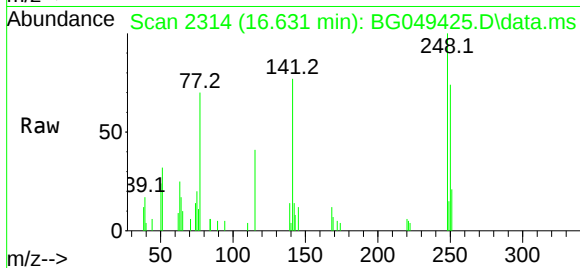
Tgt Ion:169	Resp:	14708
Ion Ratio	Lower	Upper
169	100	
168	58.0	56.3 84.5
167	37.3	28.4 42.6



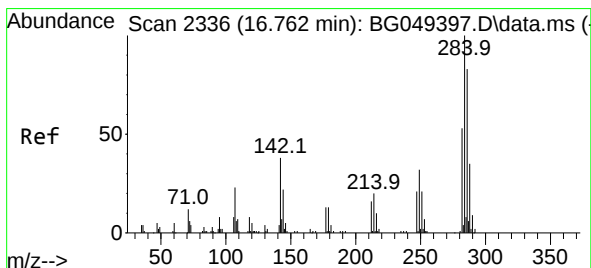
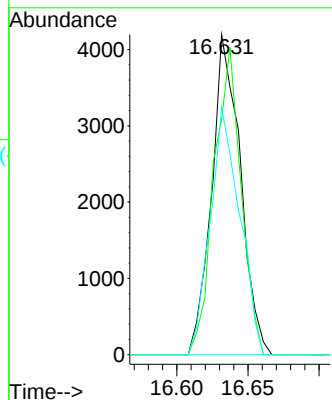
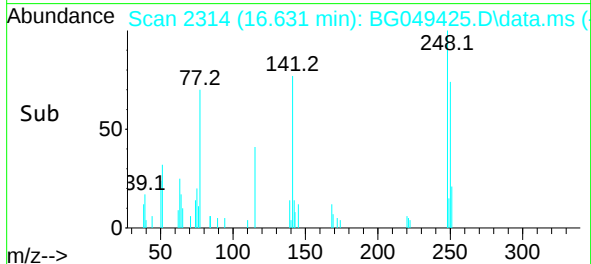


#67
4-Bromophenyl-phenylether
Concen: 3.904 ng
RT: 16.631 min Scan# 2314
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

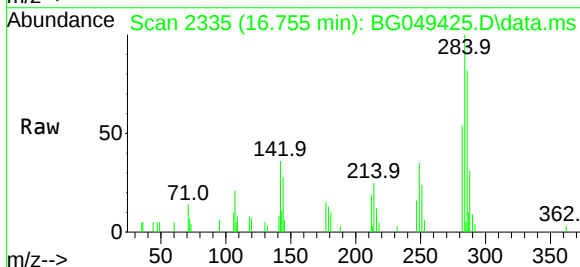
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021



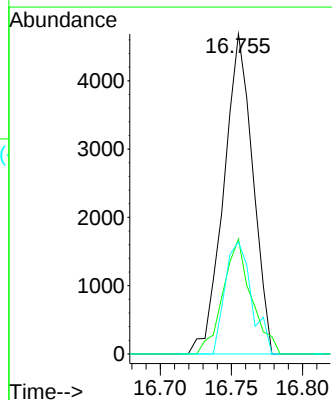
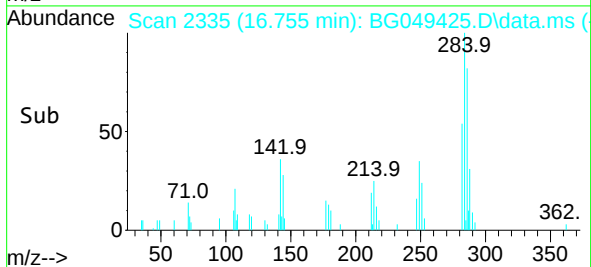
Tgt Ion:248 Resp: 5876
Ion Ratio Lower Upper
248 100
250 73.6 76.1 114.1#
141 77.2 65.4 98.2

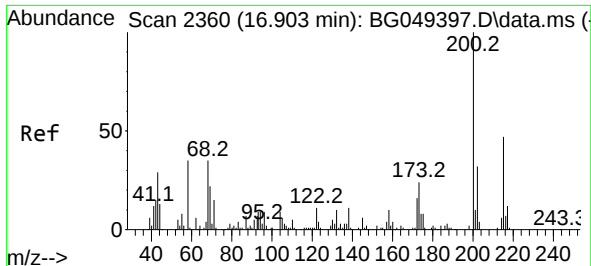


#68
Hexachlorobenzene
Concen: 3.895 ng
RT: 16.755 min Scan# 2335
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57



Tgt Ion:284 Resp: 6637
Ion Ratio Lower Upper
284 100
142 35.9 27.0 40.6
249 35.0 28.2 42.2

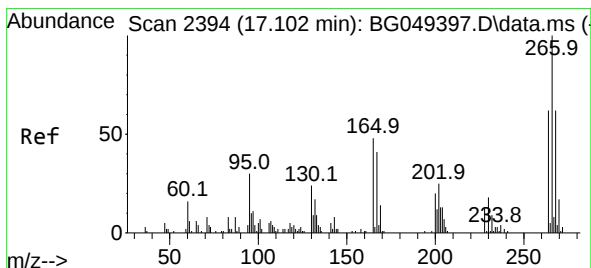
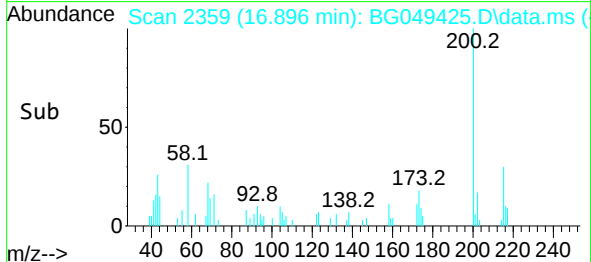
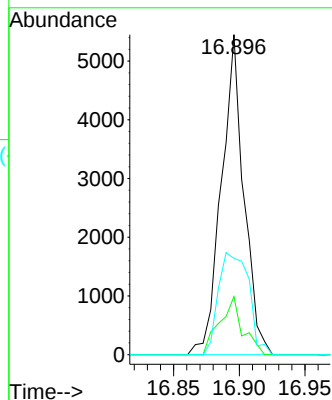
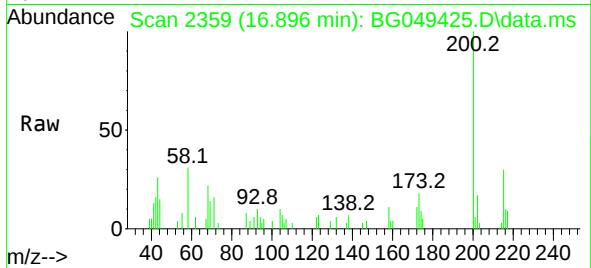




#69
 Atrazine
 Concen: 4.284 ng
 RT: 16.896 min Scan# 2359
 Delta R.T. -0.007 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

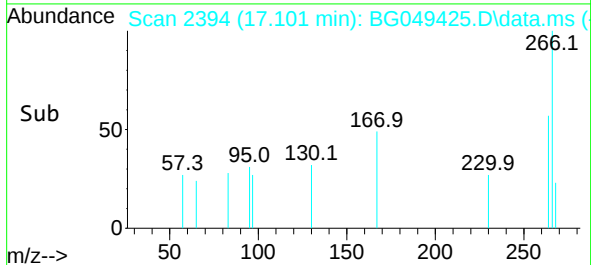
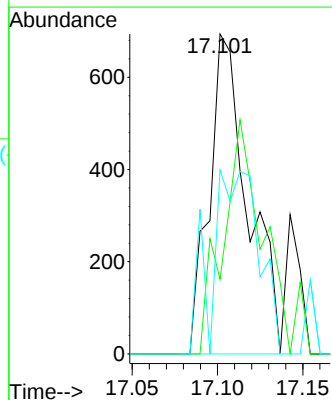
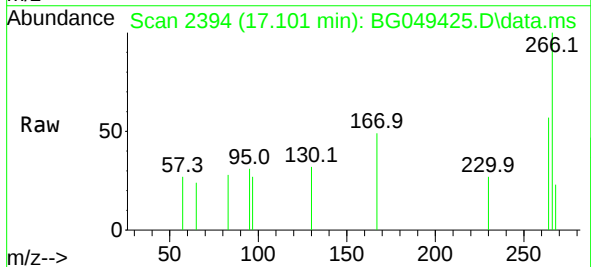
Instrument :
 BNA_G
 ClientSampleID :
 MDL-SOIL-03-QT3-2021

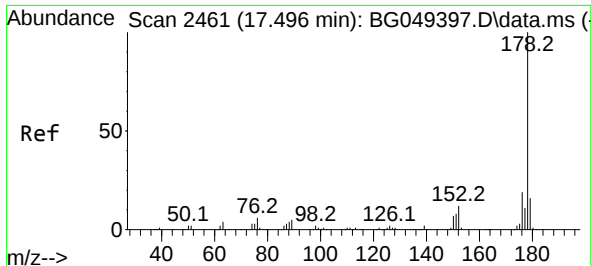
Tgt Ion:200 Resp: 6479
 Ion Ratio Lower Upper
 200 100
 173 18.1 3.7 43.7
 215 30.1 26.9 66.9



#70
 Pentachlorophenol
 Concen: 1.424 ng
 RT: 17.101 min Scan# 2394
 Delta R.T. -0.001 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

Tgt Ion:266 Resp: 1091
 Ion Ratio Lower Upper
 266 100
 268 23.3 49.0 73.4#
 264 57.5 49.0 73.6

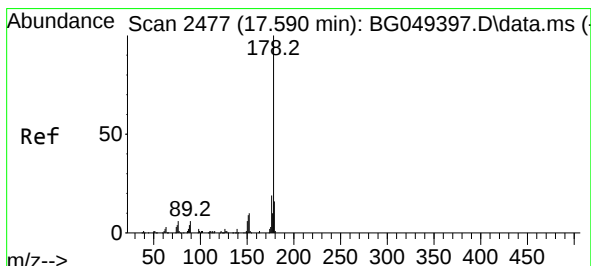
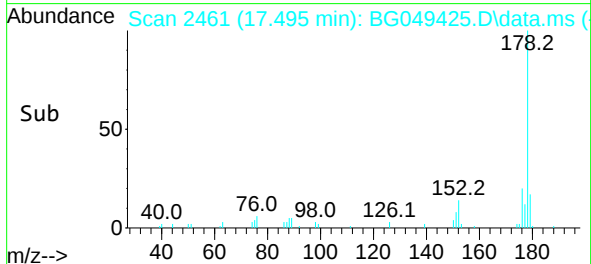
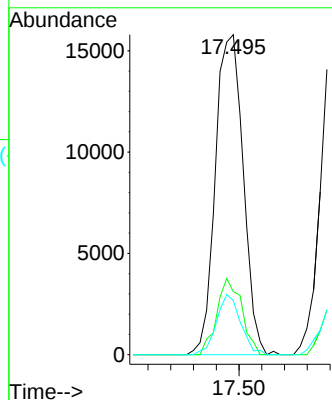
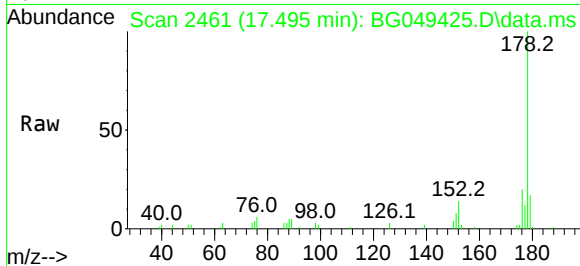




#71
Phenanthrene
Concen: 3.755 ng
RT: 17.495 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

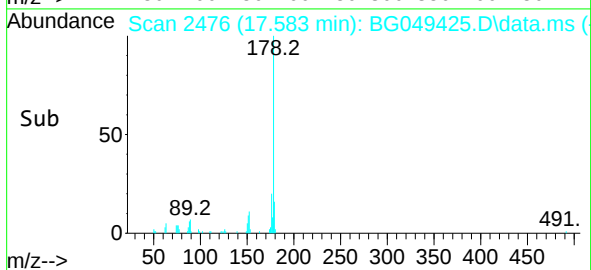
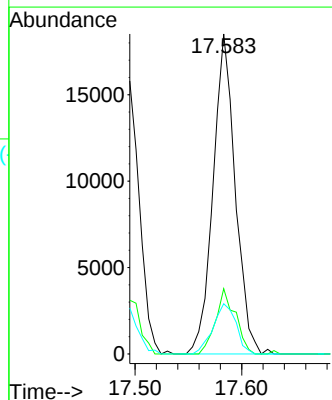
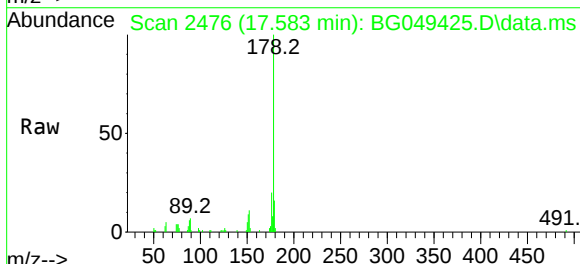
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

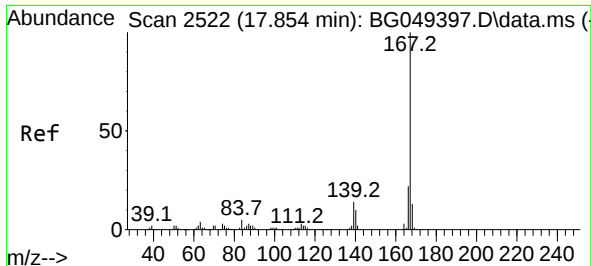
Tgt Ion:178 Resp: 26817
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 16.9 14.2 21.4



#72
Anthracene
Concen: 3.815 ng
RT: 17.583 min Scan# 2476
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:178 Resp: 26779
Ion Ratio Lower Upper
178 100
176 20.4 14.6 21.8
179 15.7 13.4 20.0

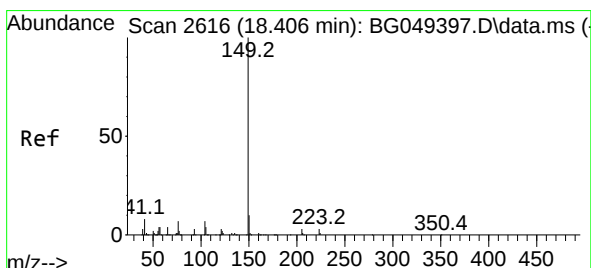
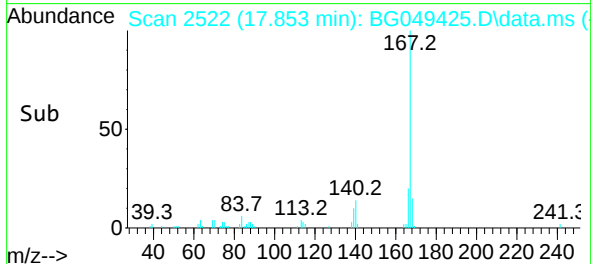
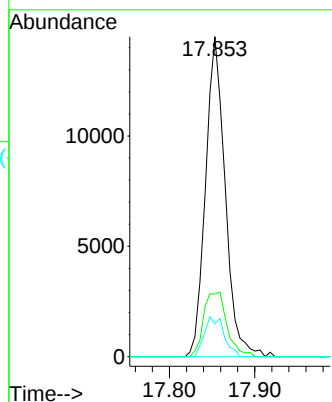
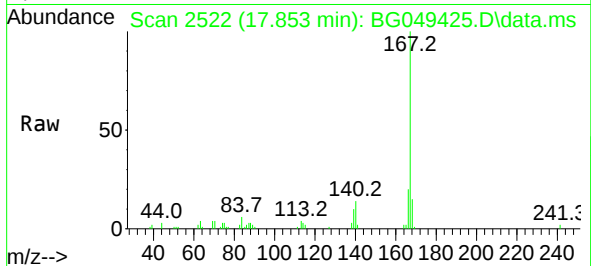




#73
 Carbazole
 Concen: 3.478 ng
 RT: 17.853 min Scan# 2522
 Delta R.T. -0.001 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

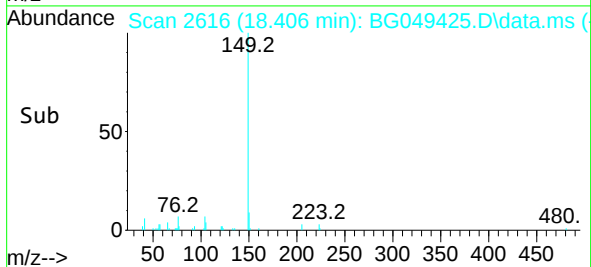
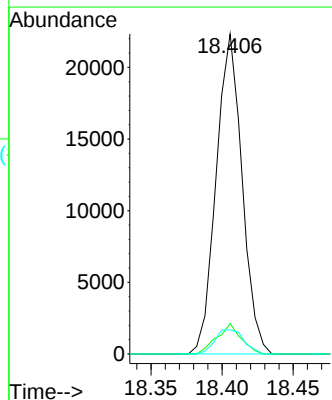
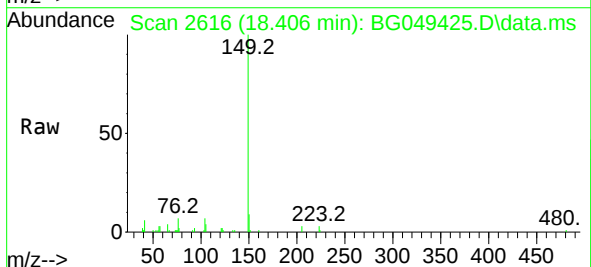
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

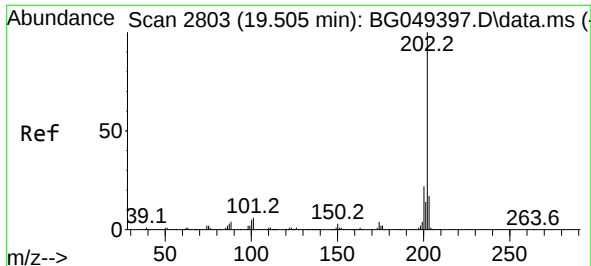
Tgt Ion:167	Resp:	23221
Ion Ratio	Lower	Upper
167	100	
166	19.6	17.4 26.2
139	10.3	10.7 16.1#



#74
 Di-n-butylphthalate
 Concen: 3.710 ng
 RT: 18.406 min Scan# 2616
 Delta R.T. -0.001 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

Tgt Ion:149	Resp:	28250
Ion Ratio	Lower	Upper
149	100	
150	9.5	7.5 11.3
104	7.5	6.6 10.0

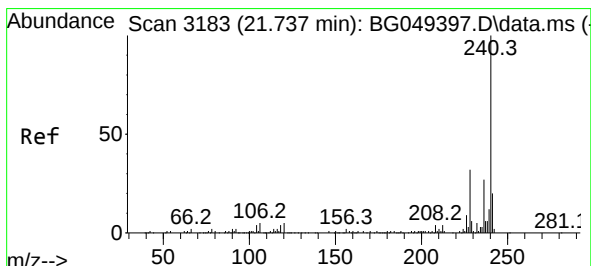
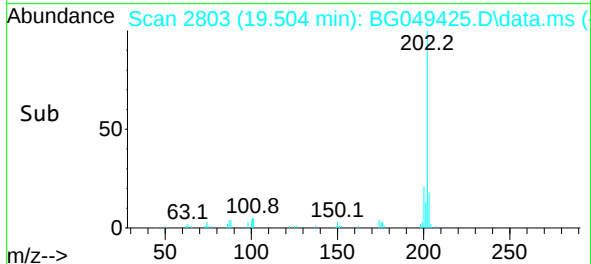
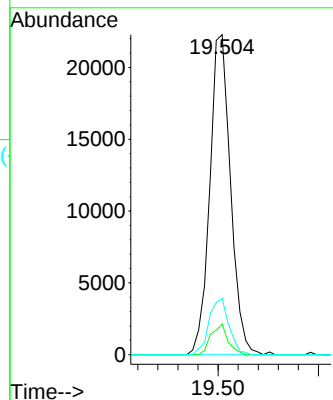
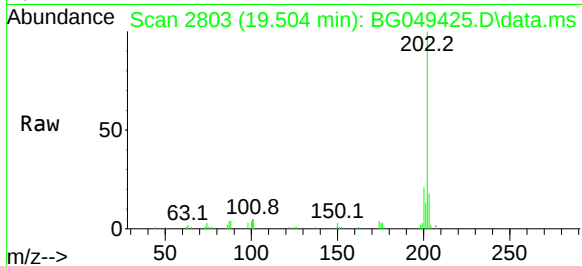




#75
Fluoranthene
Concen: 3.608 ng
RT: 19.504 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

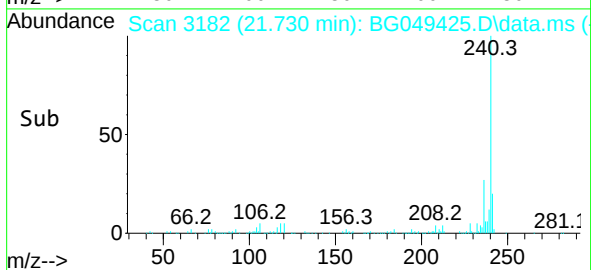
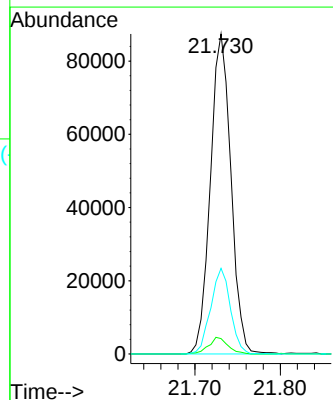
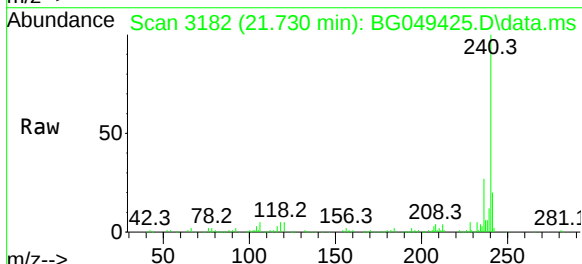
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

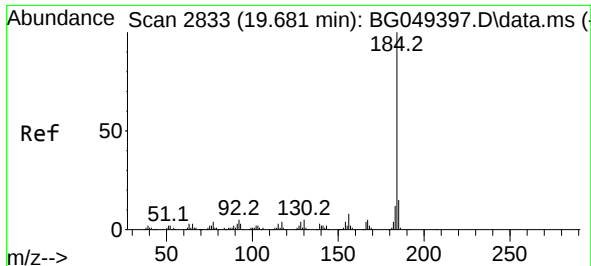
Tgt Ion:	202	Resp:	32088
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	24.7
203	17.6	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:	240	Resp:	146337
Ion Ratio	Lower	Upper	
240	100		
120	4.8	4.2	6.2
236	26.7	21.8	32.6

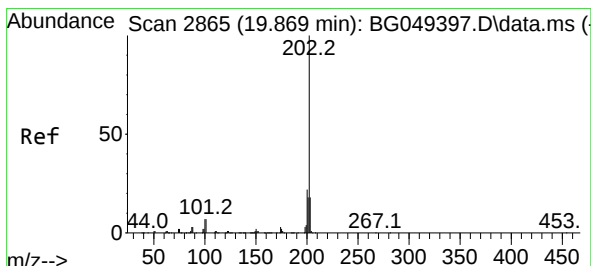
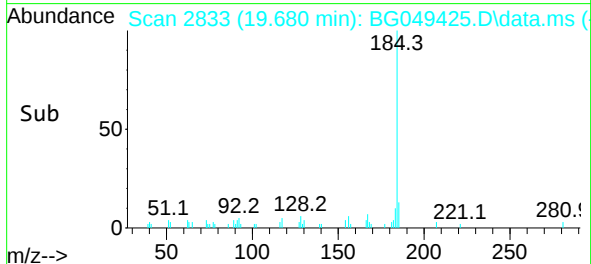
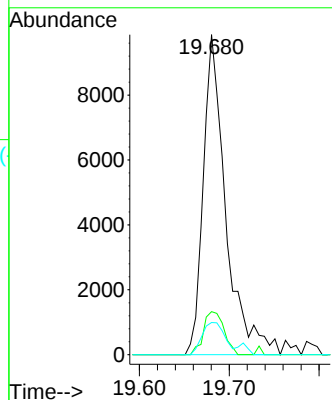
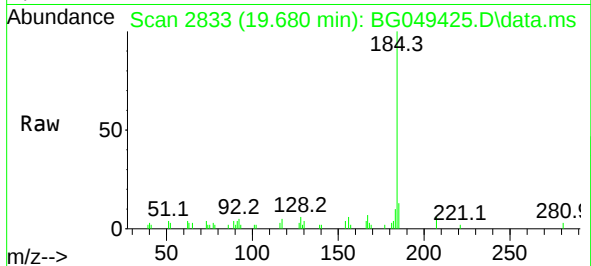




#77
Benzidine
Concen: 4.243 ng
RT: 19.680 min Scan# 2833
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

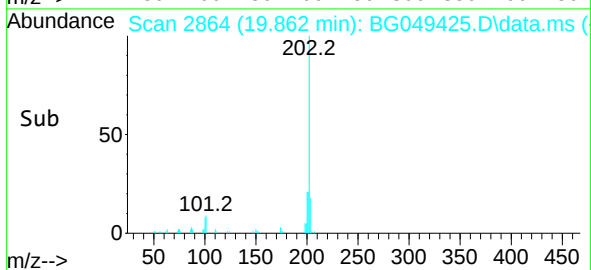
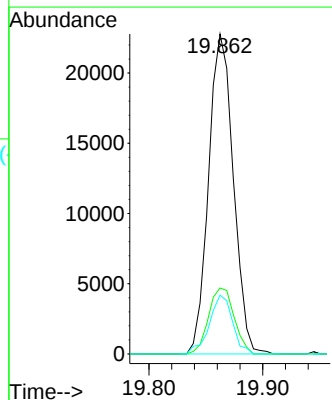
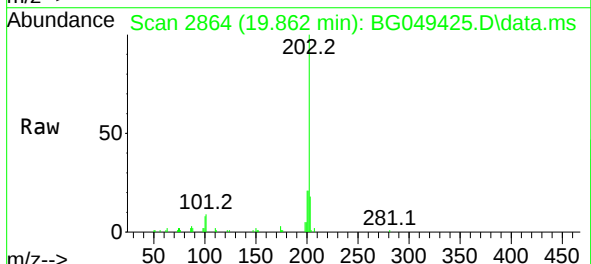
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

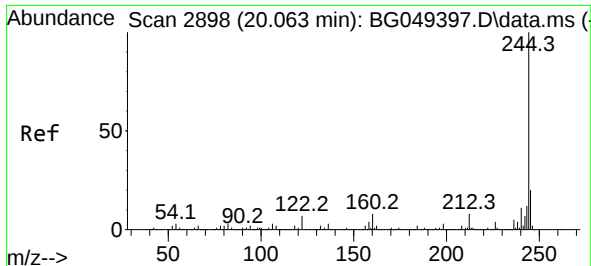
Tgt Ion:184	Resp:	17185
Ion Ratio	Lower	Upper
184	100	
185	13.5	10.7 16.1
183	10.0	9.4 14.0



#78
Pyrene
Concen: 3.586 ng
RT: 19.862 min Scan# 2864
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

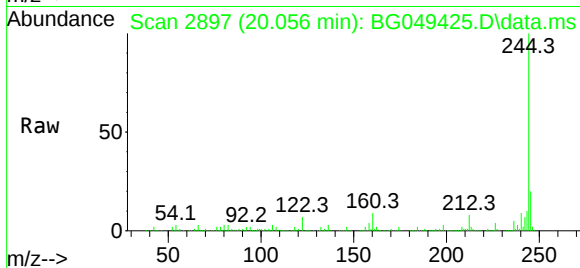
Tgt Ion:202	Resp:	34446
Ion Ratio	Lower	Upper
202	100	
200	20.6	15.8 23.8
203	18.4	14.6 21.8



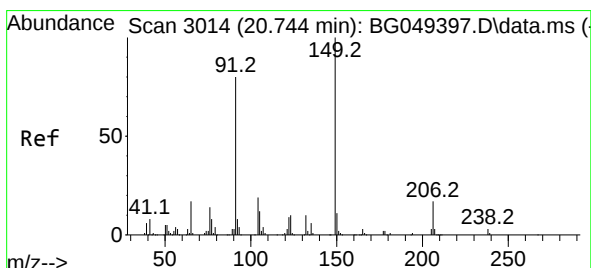
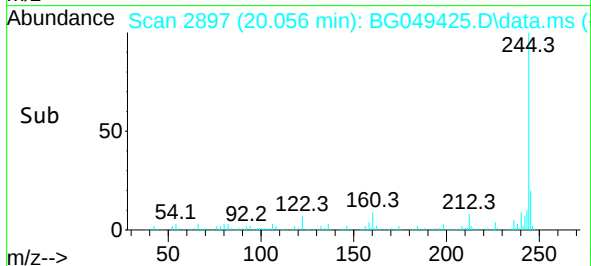
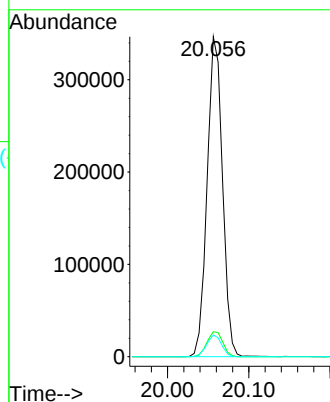


#79
 Terphenyl-d14
 Concen: 60.617 ng
 RT: 20.056 min Scan# 2897
 Delta R.T. -0.007 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

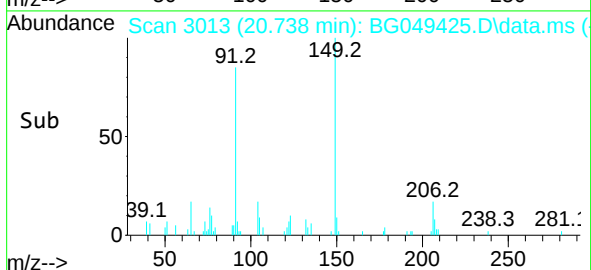
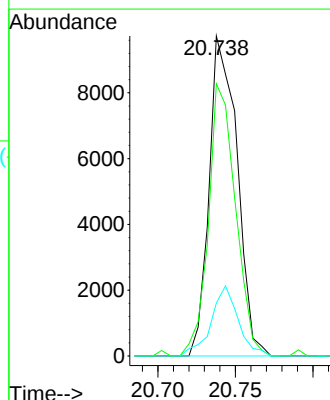
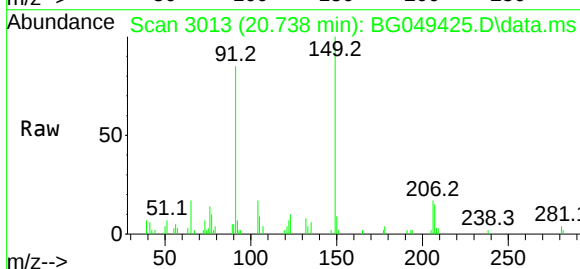


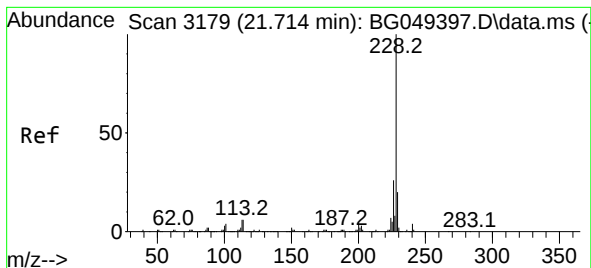
Tgt Ion:244 Resp: 454209
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 6.8 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 3.480 ng
 RT: 20.738 min Scan# 3013
 Delta R.T. -0.007 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

Tgt Ion:149 Resp: 12154
 Ion Ratio Lower Upper
 149 100
 91 85.1 63.4 95.2
 206 16.5 18.4 27.6#

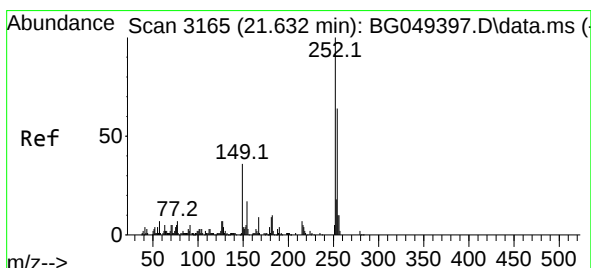
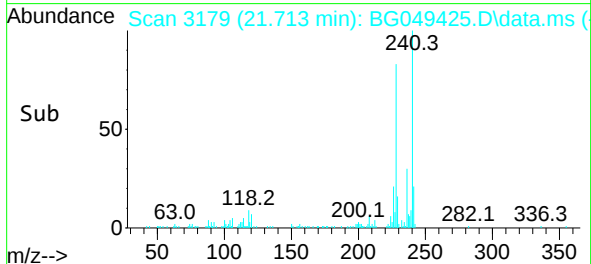
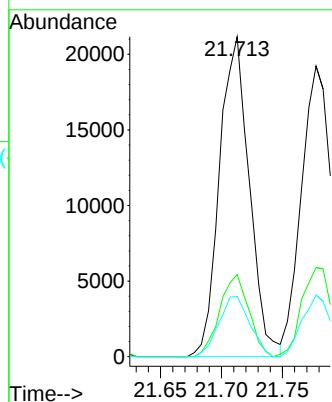
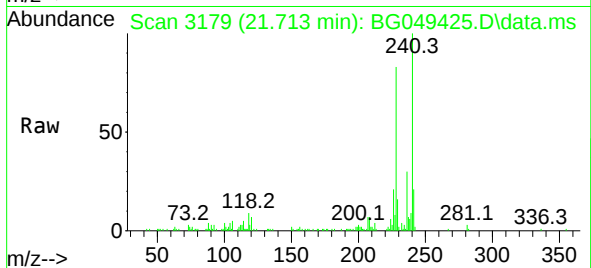




#81
Benzo(a)anthracene
Concen: 3.887 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

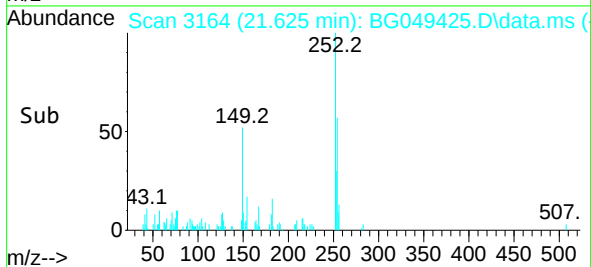
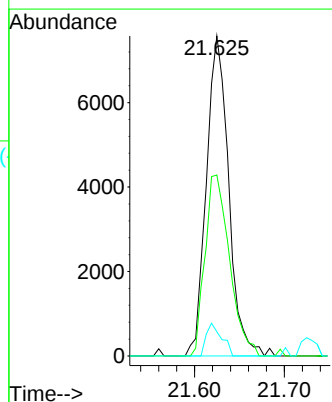
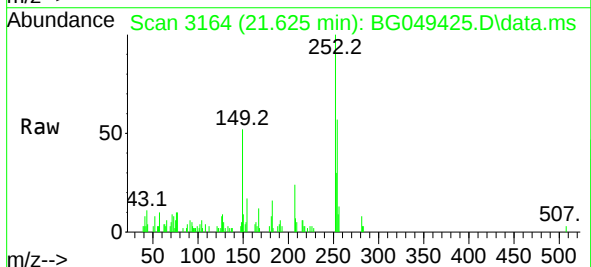
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

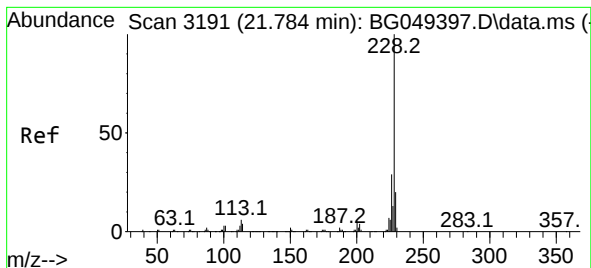
Tgt Ion:228 Resp: 36032
Ion Ratio Lower Upper
228 100
226 25.7 22.7 34.1
229 18.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 4.895 ng
RT: 21.625 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:252 Resp: 13091
Ion Ratio Lower Upper
252 100
254 56.6 52.4 78.6
126 7.5 5.9 8.9





#83

Chrysene

Concen: 3.714 ng

RT: 21.777 min Scan# 3190

Delta R.T. -0.007 min

Lab File: BG049425.D

Acq: 23 Jul 2021 12:57

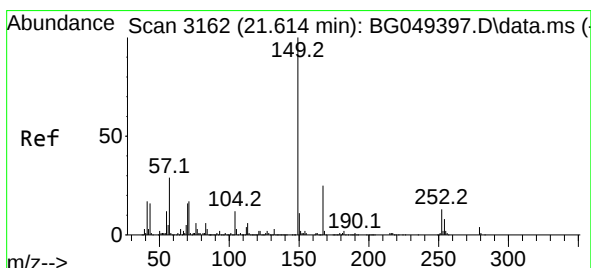
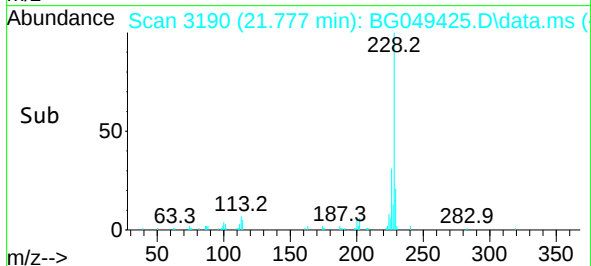
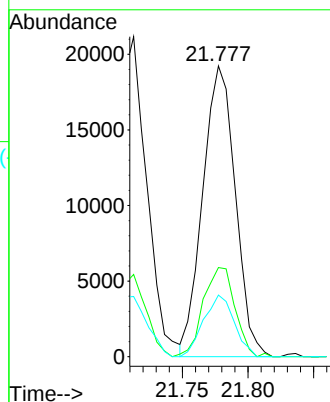
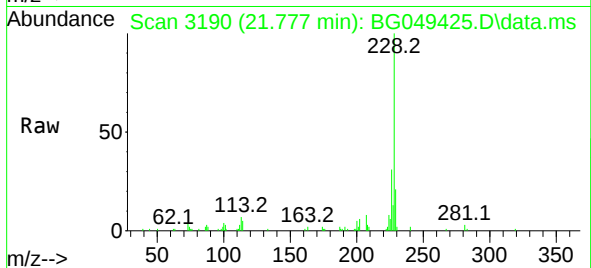
Tgt Ion:	228	Resp:	33203
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.1	34.7
229	21.2	15.3	22.9

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.624 ng

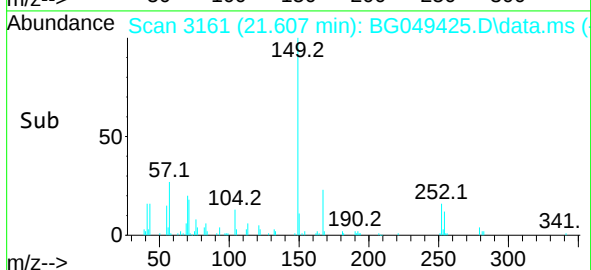
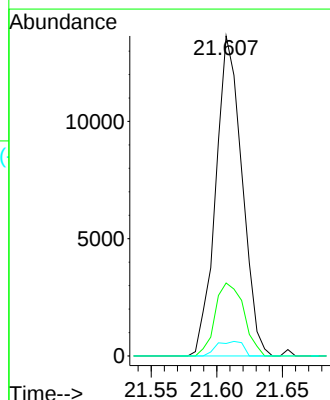
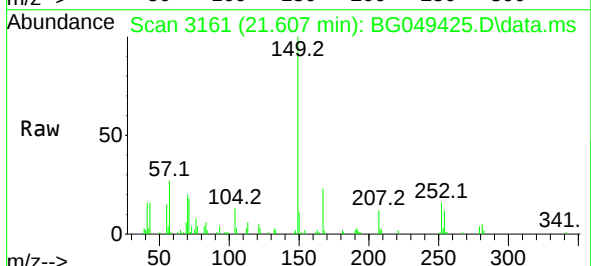
RT: 21.607 min Scan# 3161

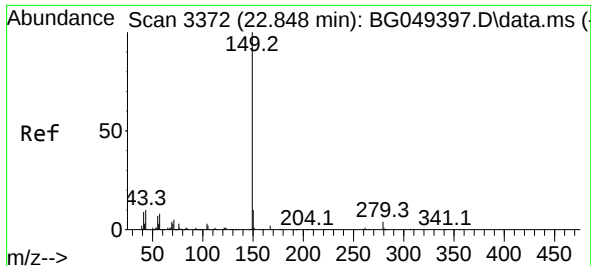
Delta R.T. -0.007 min

Lab File: BG049425.D

Acq: 23 Jul 2021 12:57

Tgt Ion:	149	Resp:	18977
Ion Ratio	Lower	Upper	
149	100		
167	22.8	22.3	33.5
279	3.9	3.8	5.8

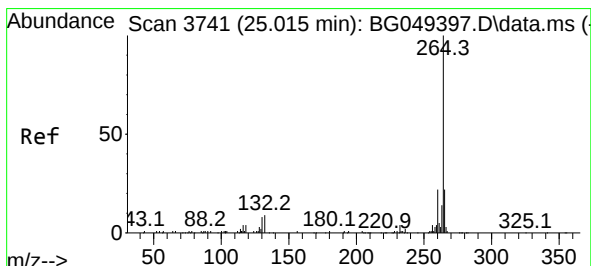
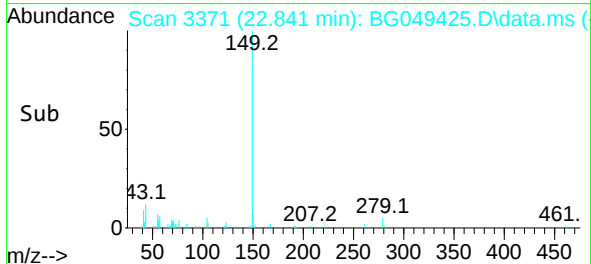
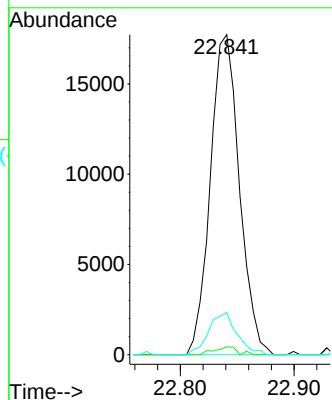
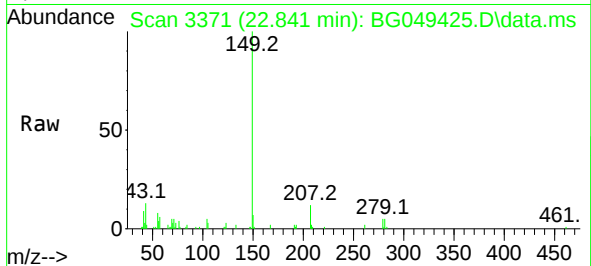




#85
Di-n-octyl phthalate
Concen: 3.479 ng
RT: 22.841 min Scan# 3371
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

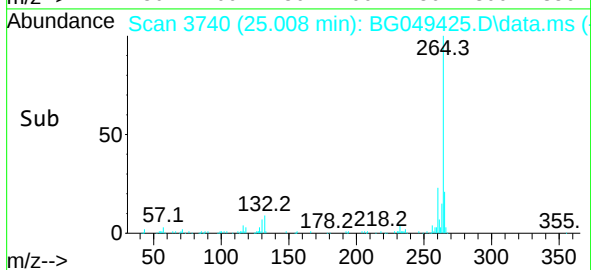
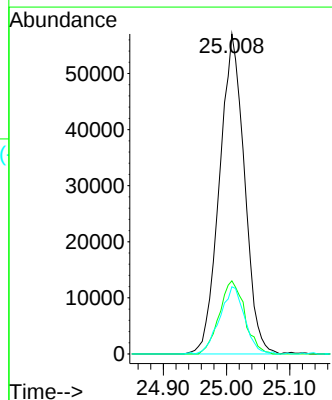
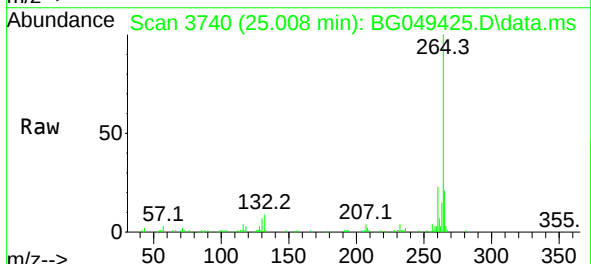
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

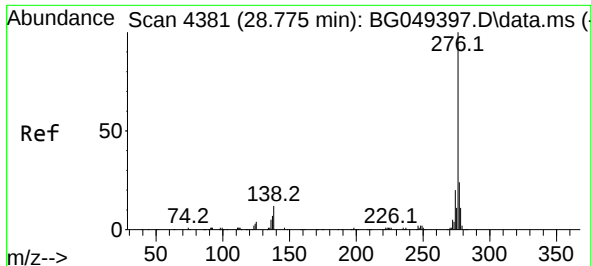
Tgt Ion:149 Resp: 31474
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.2
43 12.8 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3740
Delta R.T. -0.007 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:264 Resp: 156333
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 21.0 16.9 25.3

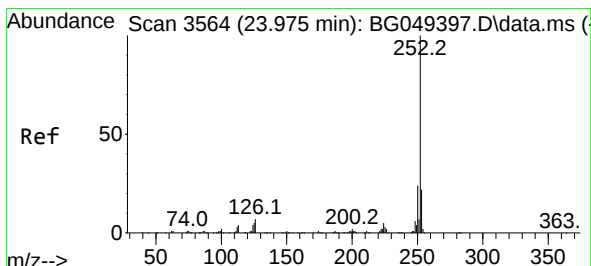
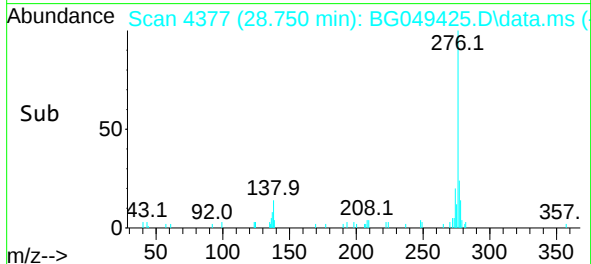
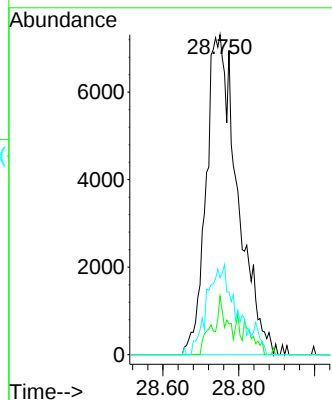
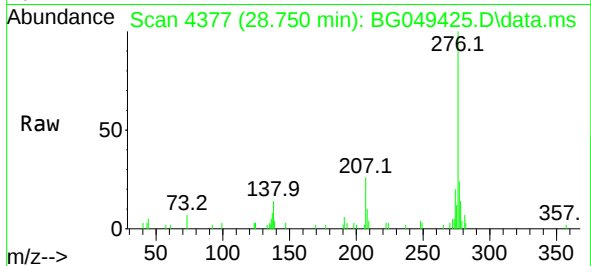




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.797 ng
 RT: 28.750 min Scan# 4377
 Delta R.T. -0.024 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

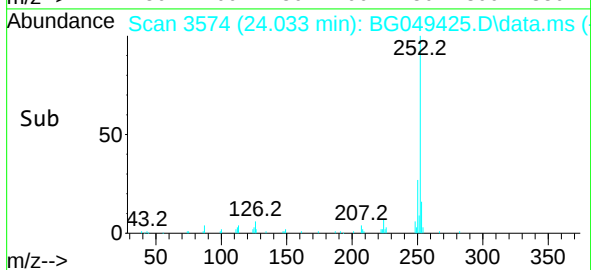
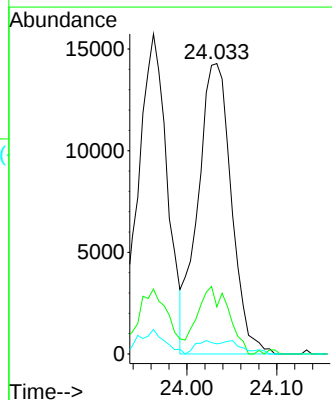
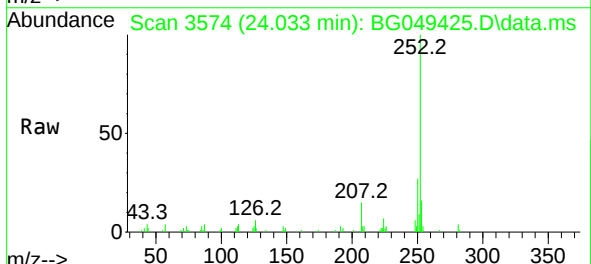
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

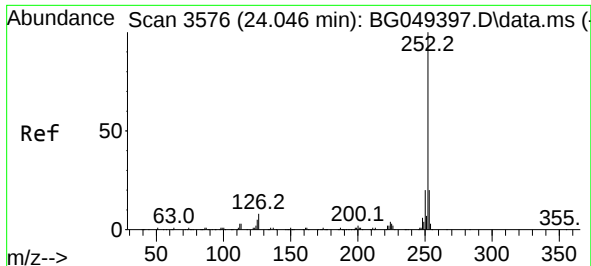
Tgt Ion:276 Resp: 42023
 Ion Ratio Lower Upper
 276 100
 138 5.3 5.1 7.7
 277 25.0 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 3.676 ng
 RT: 24.033 min Scan# 3574
 Delta R.T. 0.058 min
 Lab File: BG049425.D
 Acq: 23 Jul 2021 12:57

Tgt Ion:252 Resp: 37027
 Ion Ratio Lower Upper
 252 100
 253 16.3 16.2 24.4
 125 3.5 3.0 4.4

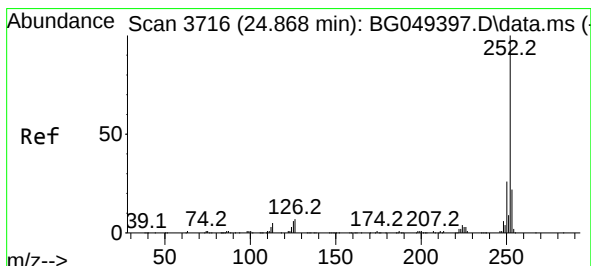
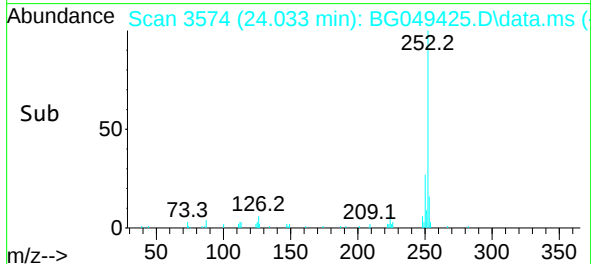
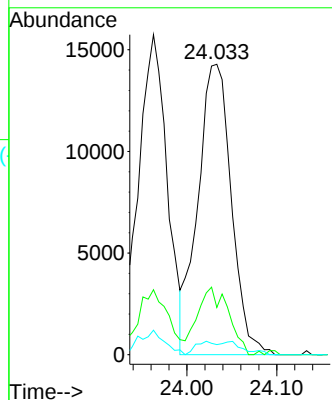
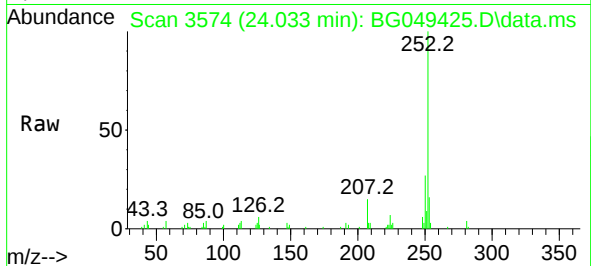




#89
Benzo(k)fluoranthene
Concen: 3.952 ng
RT: 24.033 min Scan# 3574
Delta R.T. -0.013 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

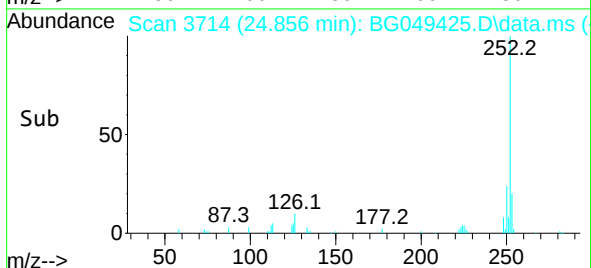
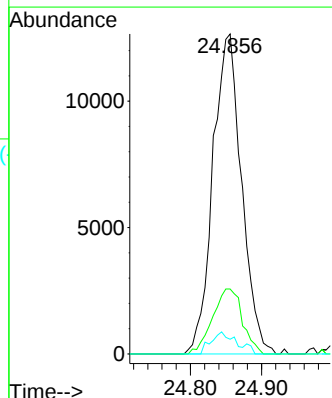
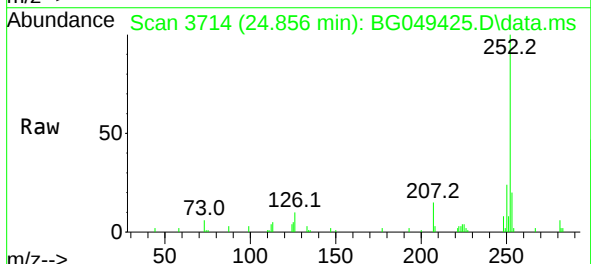
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

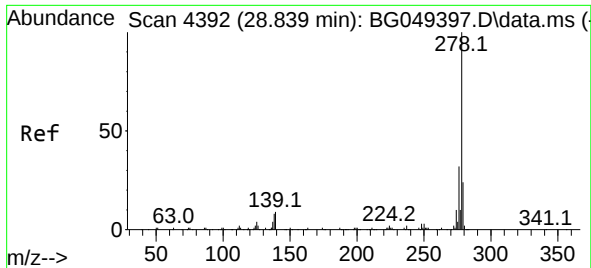
Tgt Ion:252 Resp: 37027
Ion Ratio Lower Upper
252 100
253 16.3 18.0 27.0#
125 3.5 3.1 4.7



#90
Benzo(a)pyrene
Concen: 3.882 ng
RT: 24.856 min Scan# 3714
Delta R.T. -0.013 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:252 Resp: 35448
Ion Ratio Lower Upper
252 100
253 20.3 16.6 25.0
125 4.6 3.5 5.3

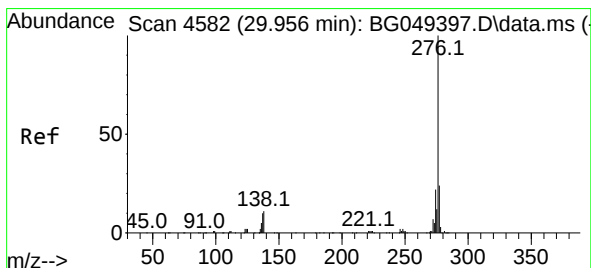
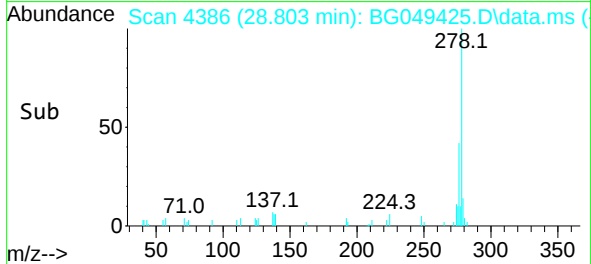
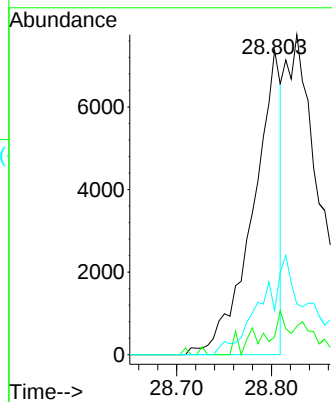
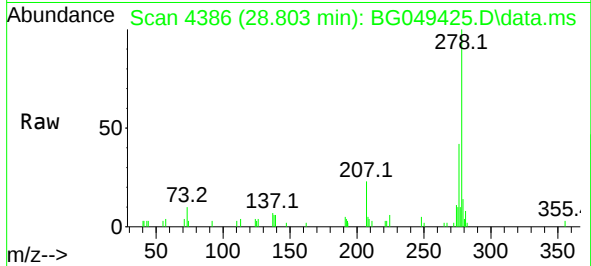




#91
Dibenzo(a,h)anthracene
Concen: 1.631 ng
RT: 28.803 min Scan# 4386
Delta R.T. -0.036 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2021

Tgt Ion:278 Resp: 15159
Ion Ratio Lower Upper
278 100
139 5.8 4.6 6.8
279 14.5 17.9 26.9#



#92
Benzo(g,h,i)perylene
Concen: 3.842 ng
RT: 29.925 min Scan# 4577
Delta R.T. -0.030 min
Lab File: BG049425.D
Acq: 23 Jul 2021 12:57

Tgt Ion:276 Resp: 35329
Ion Ratio Lower Upper
276 100
277 18.0 18.4 27.6#
138 6.9 7.0 10.6#

