

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
 Data File : BG049629.D
 Acq On : 3 Aug 2021 18:30
 Operator : CG/JU
 Sample : M2262-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Quant Time: Aug 04 01:48:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 01:47:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	18178	20.00	ng	0.00
21) Naphthalene-d8	10.862	136	78576	20.00	ng	# 0.00
39) Acenaphthene-d10	14.692	164	56654	20.00	ng	0.00
64) Phenanthrene-d10	17.441	188	123825	20.00	ng	# 0.00
76) Chrysene-d12	21.724	240	128175	20.00	ng	# 0.00
86) Perylene-d12	24.996	264	130332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	136107	134.22	ng	0.00
7) Phenol-d6	7.196	99	204193	133.02	ng	0.00
23) Nitrobenzene-d5	9.211	82	136812	77.05	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	104369	125.33	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	303230	77.88	ng	0.00
79) Terphenyl-d14	20.055	244	611175	86.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.460	88	2923	6.60	ng	# 78
3) Pyridine	3.895	79	3774	3.11	ng	93
4) n-Nitrosodimethylamine	3.795	42	2417	3.70	ng	# 87
6) Aniline	7.361	93	8840	5.43	ng	# 88
8) 2-Chlorophenol	7.602	128	5270	4.77	ng	# 79
9) Benzaldehyde	7.179	77	6447	6.29	ng	85
10) Phenol	7.220	94	7643	5.14	ng	96
11) bis(2-Chloroethyl)ether	7.461	93	5025	5.00	ng	# 76
12) 1,3-Dichlorobenzene	8.072	146	6775	5.35	ng	90
13) 1,4-Dichlorobenzene	8.072	146	6775	5.29	ng	90
14) 1,2-Dichlorobenzene	8.072	146	6775	5.58	ng	96
15) Benzyl Alcohol	8.283	79	6098	4.73	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.577	45	5897	5.17	ng	96
17) 2-Methylphenol	8.489	107	4716	4.82	ng	# 83
18) Hexachloroethane	9.135	117	2835	5.75	ng	# 64
19) n-Nitroso-di-n-propyla...	8.841	70	4865	4.74	ng	# 84
20) 3+4-Methylphenols	8.812	107	6654	4.84	ng	84
22) Acetophenone	8.865	105	8922	4.18	ng	# 89
24) Nitrobenzene	9.258	77	7800	4.16	ng	100
25) Isophorone	9.775	82	13118	4.14	ng	94
26) 2-Nitrophenol	9.969	139	3184	4.45	ng	# 64
27) 2,4-Dimethylphenol	10.028	122	4743	4.49	ng	# 84
28) bis(2-Chloroethoxy)met...	10.263	93	7258	5.24	ng	# 82
29) 2,4-Dichlorophenol	10.515	162	4685	3.61	ng	87
30) 1,2,4-Trichlorobenzene	10.727	180	6361	4.45	ng	95
31) Naphthalene	10.909	128	18788	4.57	ng	# 94
32) Benzoic acid	10.028	122	4743	6.94	ng	# 23
33) 4-Chloroaniline	11.032	127	7437	4.58	ng	# 91
34) Hexachlorobutadiene	11.197	225	4622	4.45	ng	# 81
35) Caprolactam	11.790	113	1824	4.55	ng	92
36) 4-Chloro-3-methylphenol	12.142	107	6662	4.45	ng	# 89
37) 2-Methylnaphthalene	12.524	142	13852	4.47	ng	95
38) 1-Methylnaphthalene	12.742	142	12728	4.37	ng	92
40) 1,2,4,5-Tetrachloroben...	12.889	216	8023	4.81	ng	91
41) Hexachlorocyclopentadiene	12.865	237	2543	3.69	ng	85
43) 2,4,6-Trichlorophenol	13.129	196	4609	4.10	ng	# 94

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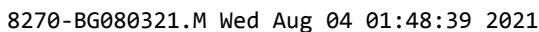
Instrument :
 BNA_G
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 MDL-SOIL-03-QT2-2021

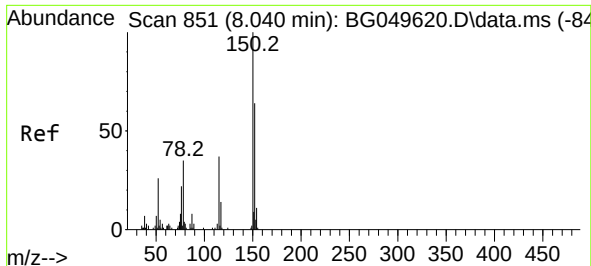
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	5219	4.27	ng	# 91
46) 1,1'-Biphenyl	13.523	154	18485	4.58	ng	99
47) 2-Chloronaphthalene	13.570	162	14644	4.54	ng	# 87
48) 2-Nitroaniline	13.776	65	4643	3.92	ng	90
49) Acenaphthylene	14.410	152	23812	4.66	ng	97
50) Dimethylphthalate	14.140	163	19624	4.59	ng	# 93
51) 2,6-Dinitrotoluene	14.257	165	3874	4.12	ng	92
52) Acenaphthene	14.757	154	13325	4.33	ng	94
53) 3-Nitroaniline	14.598	138	3539	3.86	ng	100
54) 2,4-Dinitrophenol	14.815	184	640	1.20	ng	# 52
55) Dibenzofuran	15.091	168	22386	4.48	ng	# 91
56) 4-Nitrophenol	14.903	139	2242	3.34	ng	# 51
57) 2,4-Dinitrotoluene	15.050	165	5062	3.83	ng	# 84
58) Fluorene	15.743	166	18204	4.49	ng	# 99
59) 2,3,4,6-Tetrachlorophenol	15.320	232	4763	4.20	ng	# 96
60) Diethylphthalate	15.497	149	19331	4.50	ng	# 92
61) 4-Chlorophenyl-phenyle...	15.732	204	9596	4.43	ng	# 71
62) 4-Nitroaniline	15.761	138	3785	4.01	ng	# 76
63) Azobenzene	16.020	77	20945	4.60	ng	89
65) 4,6-Dinitro-2-methylph...	15.826	198	2215	2.78	ng	79
66) n-Nitrosodiphenylamine	15.943	169	15794	4.51	ng	91
67) 4-Bromophenyl-phenylether	16.630	248	5646	3.87	ng	# 84
68) Hexachlorobenzene	16.748	284	7054	4.35	ng	97
69) Atrazine	16.889	200	7785	5.56	ng	92
70) Pentachlorophenol	17.106	266	1636	1.88	ng	# 84
71) Phenanthrene	17.482	178	30557	4.69	ng	98
72) Anthracene	17.576	178	31923	4.99	ng	98
73) Carbazole	17.846	167	25308	4.18	ng	# 92
74) Di-n-butylphthalate	18.399	149	32216	4.56	ng	# 94
75) Fluoranthene	19.497	202	36341	4.53	ng	100
77) Benzidine	19.673	184	18076	5.50	ng	98
78) Pyrene	19.497	202	36341	4.16	ng	98
80) Butylbenzylphthalate	20.737	149	13231	3.98	ng	95
81) Benzo(a)anthracene	21.700	228	36682	4.39	ng	95
82) 3,3'-Dichlorobenzidine	21.618	252	13996	5.74	ng	95
83) Chrysene	21.771	228	36000	4.51	ng	99
84) Bis(2-ethylhexyl)phtha...	21.600	149	20529	4.36	ng	93
85) Di-n-octyl phthalate	22.828	149	35265	4.43	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.744	276	45260	4.82	ng	# 80
88) Benzo(b)fluoranthene	23.950	252	37782	4.42	ng	# 90
89) Benzo(k)fluoranthene	24.020	252	37292	4.68	ng	# 94
90) Benzo(a)pyrene	24.837	252	35986	4.65	ng	# 98
91) Dibenzo(a,h)anthracene	28.791	278	39103	4.94	ng	94
92) Benzo(g,h,i)perylene	29.901	276	39959	5.15	ng	# 92

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

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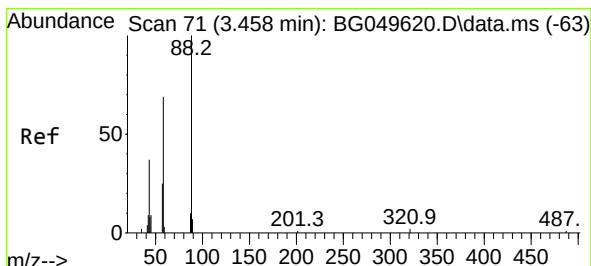
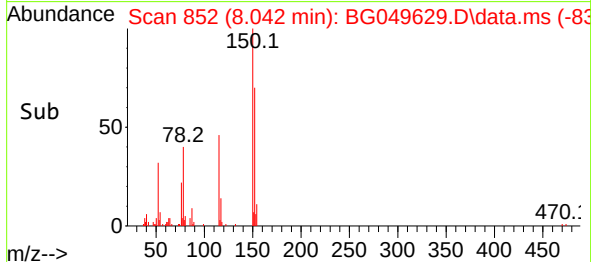
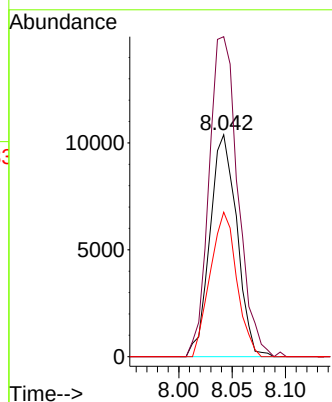
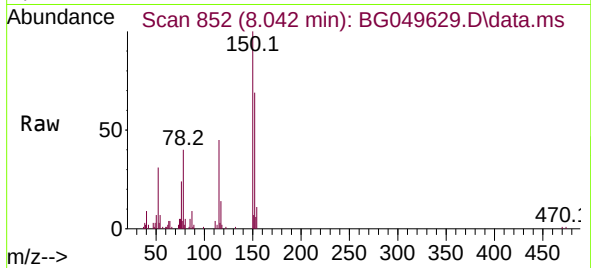




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.042 min Scan# 852
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

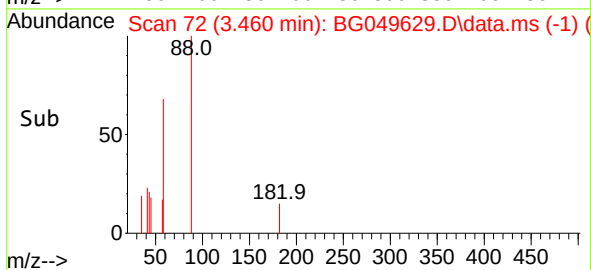
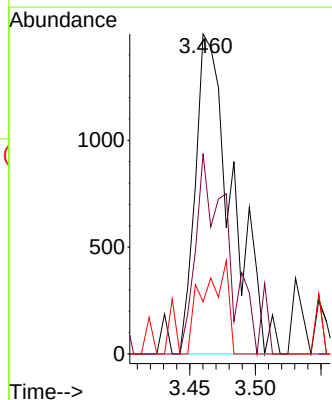
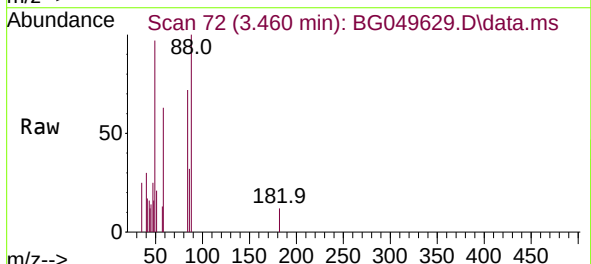
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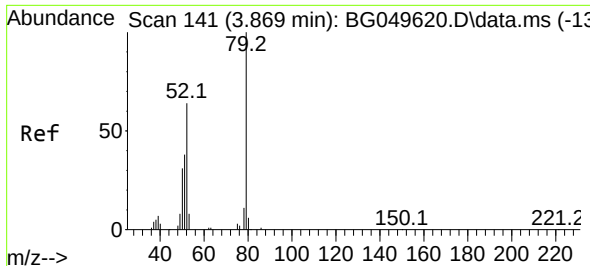
Tgt Ion:152 Resp: 18178
Ion Ratio Lower Upper
152 100
150 144.2 119.4 179.0
115 65.1 60.2 90.4



#2
1,4-Dioxane
Concen: 6.60 ng
RT: 3.460 min Scan# 72
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 88 Resp: 2923
Ion Ratio Lower Upper
88 100
58 54.3 55.7 83.5#
43 19.6 29.3 43.9#

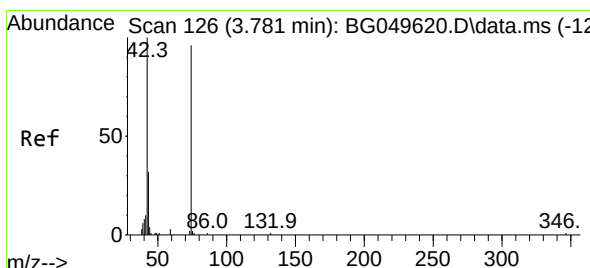
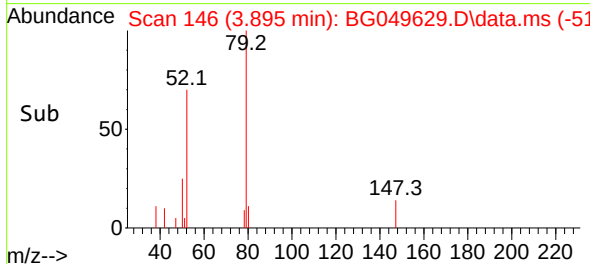
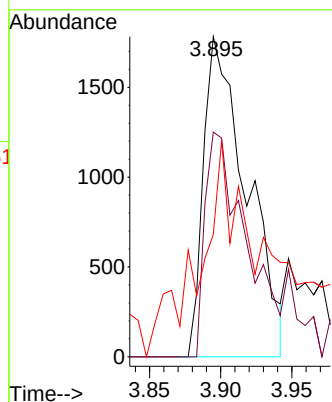
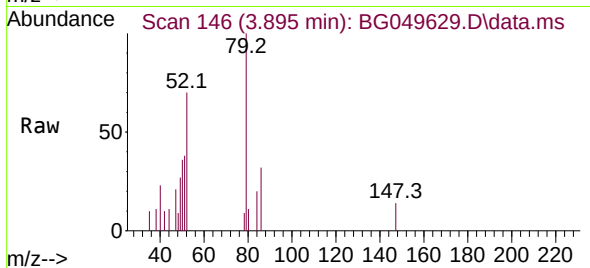




#3
Pyridine
Concen: 3.11 ng
RT: 3.895 min Scan# 146
Delta R.T. 0.025 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

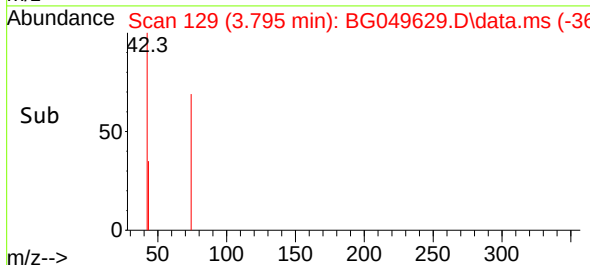
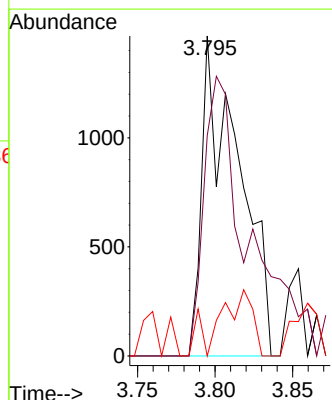
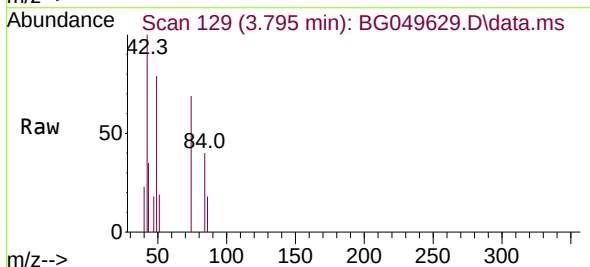
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ClientSampleId :
MDL-SOIL-03-QT2-2021

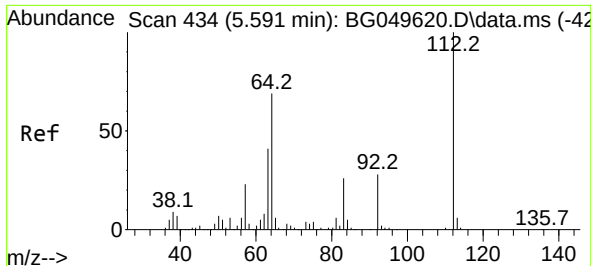
Tgt Ion: 79 Resp: 3774
Ion Ratio Lower Upper
79 100
52 70.2 58.4 87.6
51 38.3 37.0 55.6



#4
n-Nitrosodimethylamine
Concen: 3.70 ng
RT: 3.795 min Scan# 129
Delta R.T. 0.014 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 42 Resp: 2417
Ion Ratio Lower Upper
42 100
74 68.8 64.0 96.0
44 0.0 2.7 4.1#

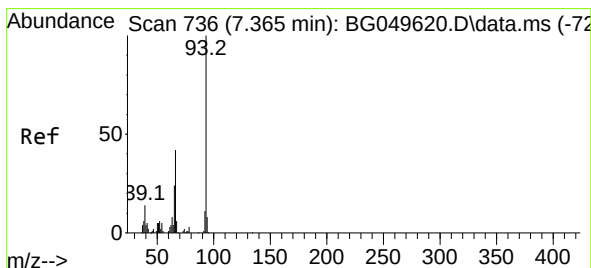
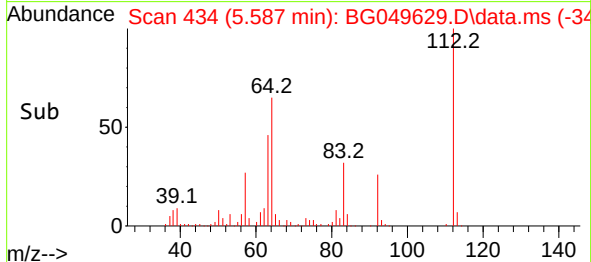
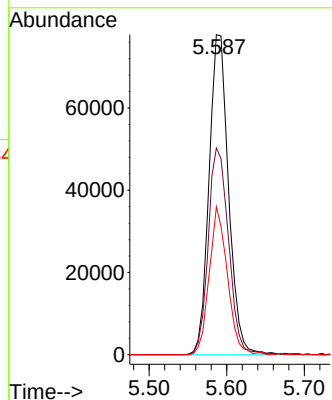
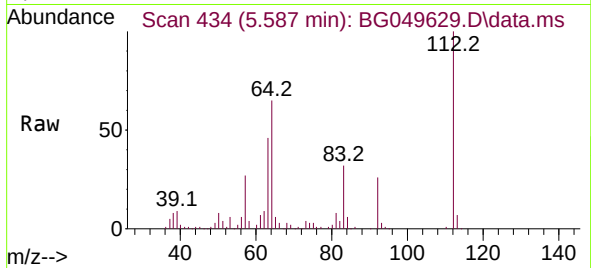




#5
2-Fluorophenol
Concen: 134.22 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

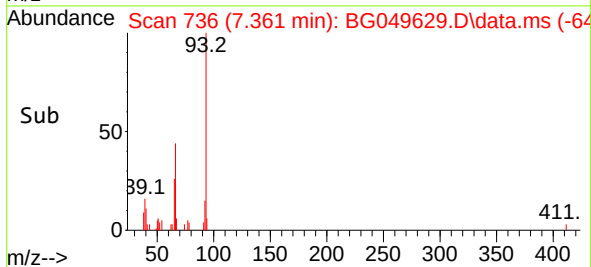
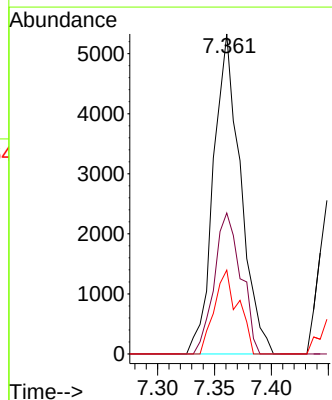
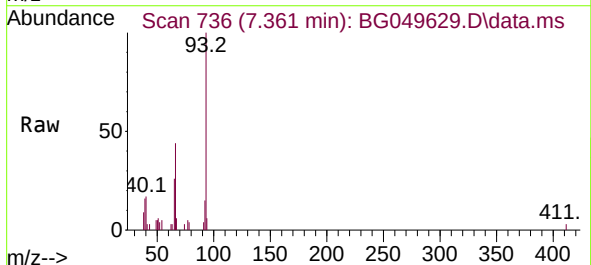
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

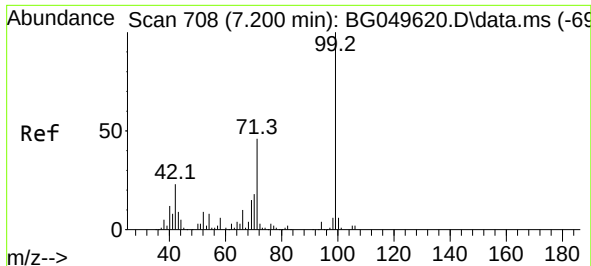
Tgt Ion:112 Resp: 136107
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 46.2 35.3 52.9



#6
Aniline
Concen: 5.43 ng
RT: 7.361 min Scan# 736
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 93 Resp: 8840
Ion Ratio Lower Upper
93 100
66 44.1 30.6 45.8
65 26.2 15.0 22.4#



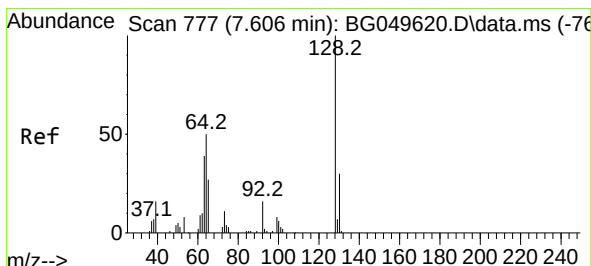
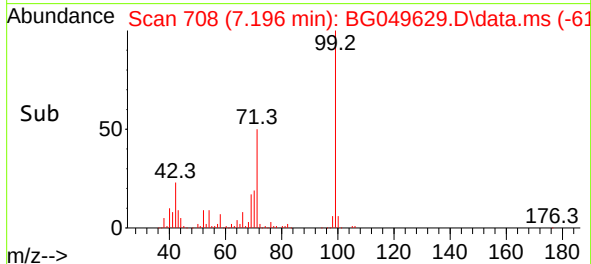
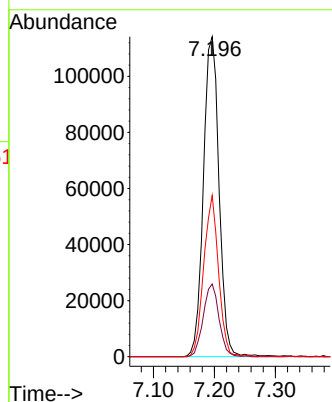
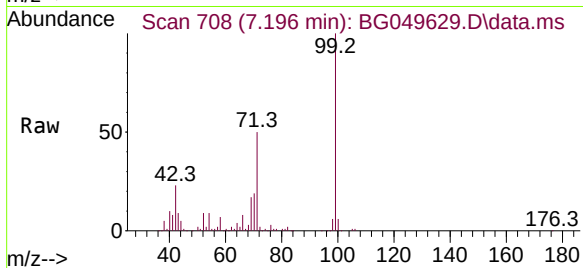


#7
Phenol-d6
Concen: 133.02 ng
RT: 7.196 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

Tgt Ion: 99 Resp: 204193

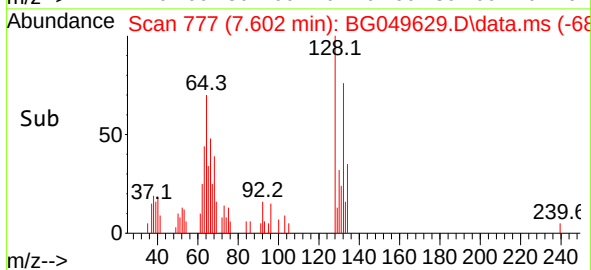
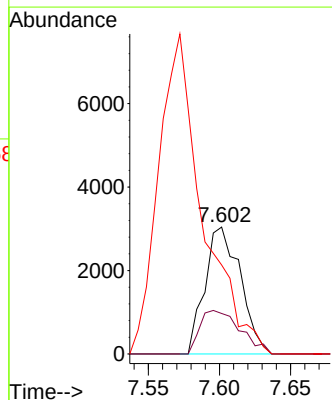
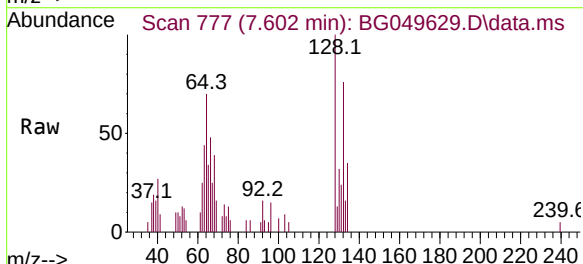
Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.5	30.7
71	50.3	41.5	62.3

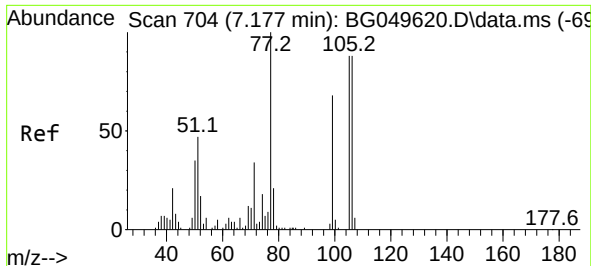


#8
2-Chlorophenol
Concen: 4.77 ng
RT: 7.602 min Scan# 777
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:128 Resp: 5270

Ion	Ratio	Lower	Upper
128	100		
130	31.9	10.0	50.0
64	70.1	28.1	68.1

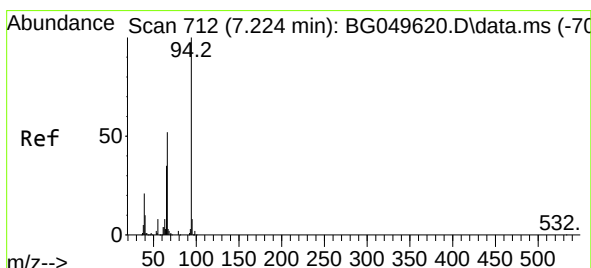
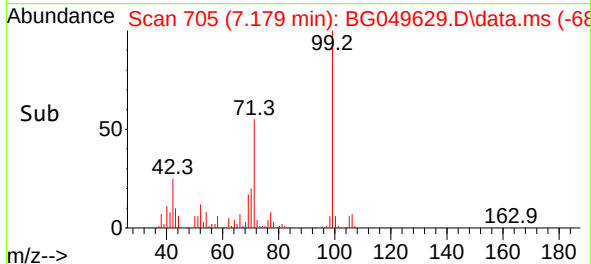
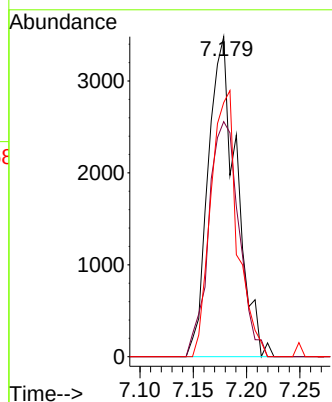
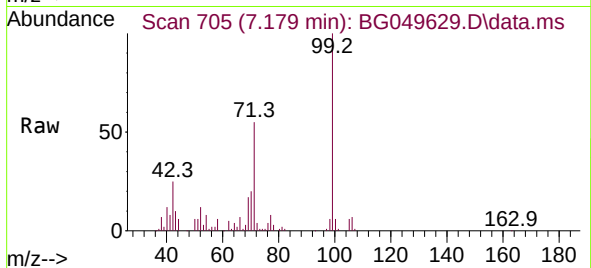




#9
Benzaldehyde
Concen: 6.29 ng
RT: 7.179 min Scan# 705
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

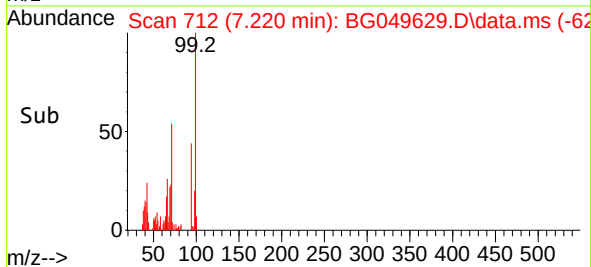
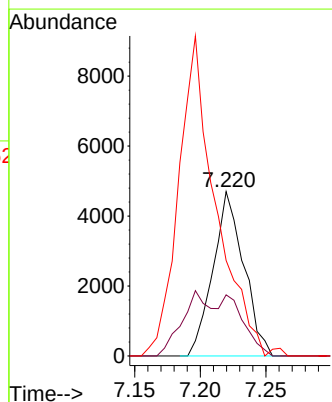
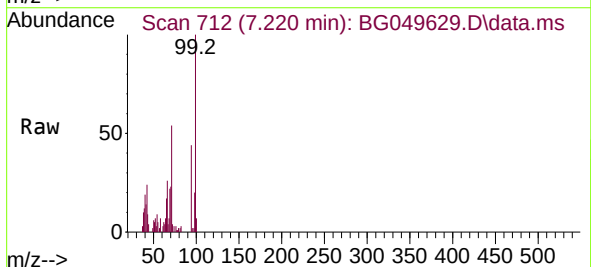
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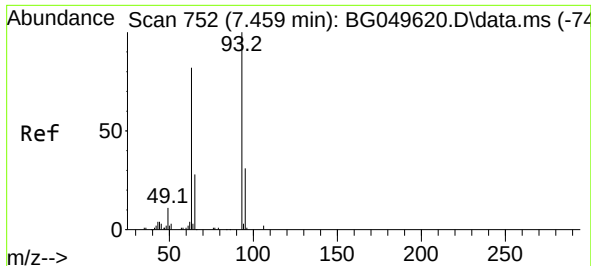
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Ion Ratio Lower Upper
77 100
105 73.5 68.8 108.8
106 79.4 47.9 87.9



#10
Phenol
Concen: 5.14 ng
RT: 7.220 min Scan# 712
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 94 Resp: 7643
Ion Ratio Lower Upper
94 100
65 37.2 12.9 52.9
66 58.1 39.4 79.4

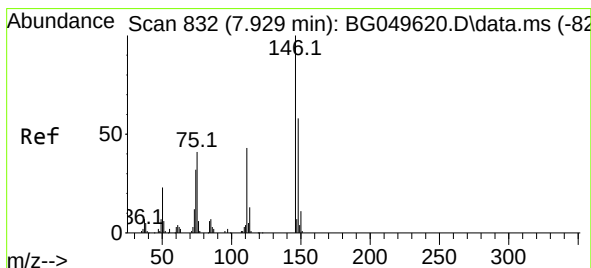
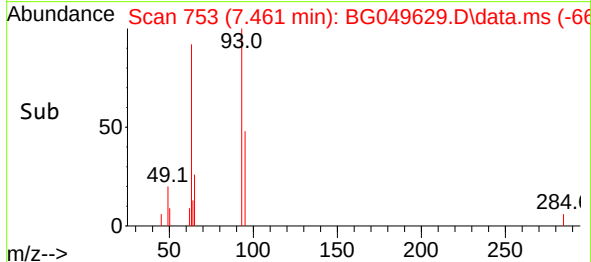
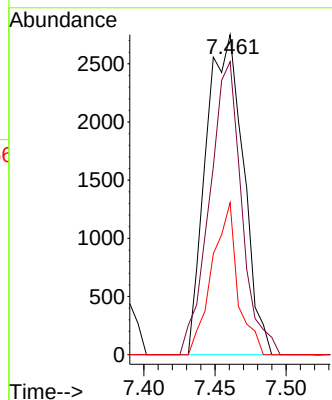
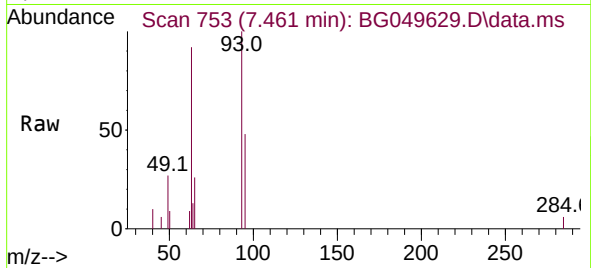




#11
bis(2-Chloroethyl)ether
Concen: 5.00 ng
RT: 7.461 min Scan# 753
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

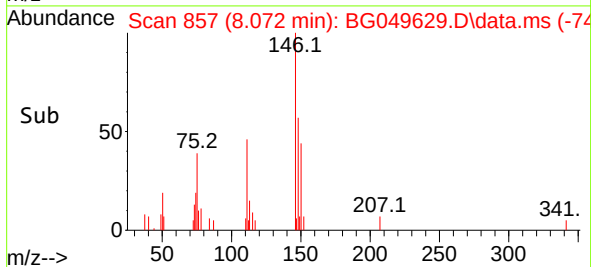
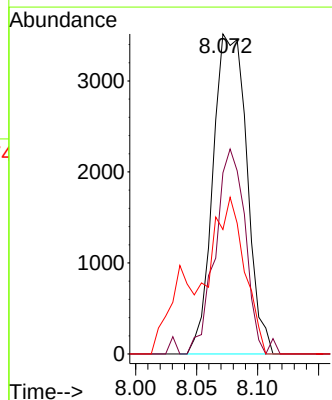
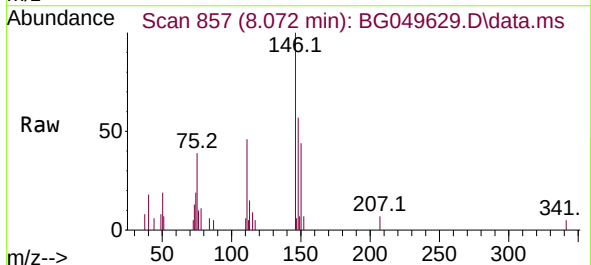
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

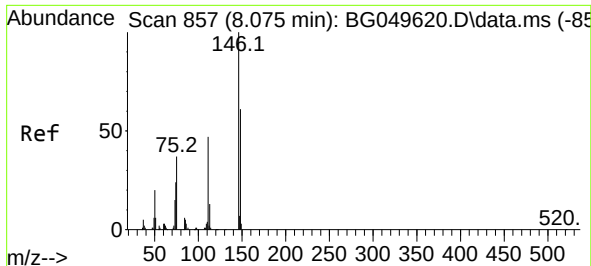
Tgt Ion: 93 Resp: 5025
Ion Ratio Lower Upper
93 100
63 91.5 50.4 90.4#
95 47.5 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 5.35 ng
RT: 8.072 min Scan# 857
Delta R.T. 0.143 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:146 Resp: 6775
Ion Ratio Lower Upper
146 100
148 56.6 52.6 78.8
75 38.9 35.7 53.5

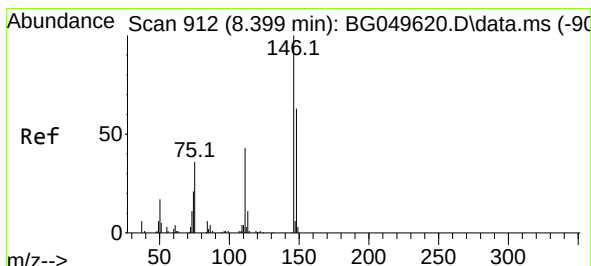
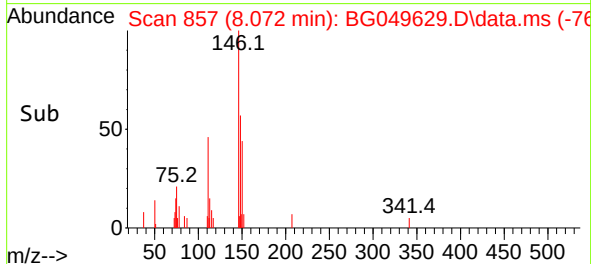
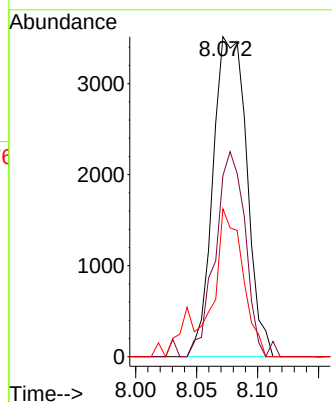
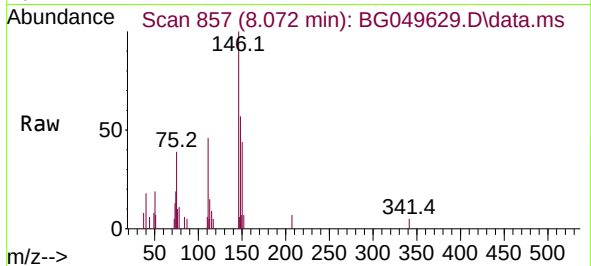




#13
1,4-Dichlorobenzene
Concen: 5.29 ng
RT: 8.072 min Scan# 857
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

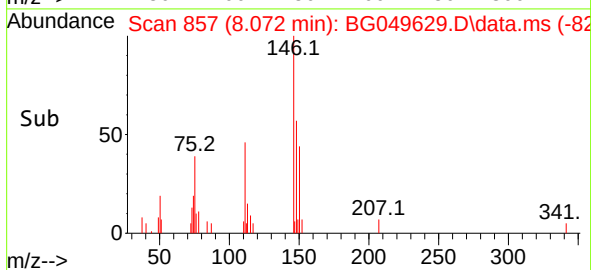
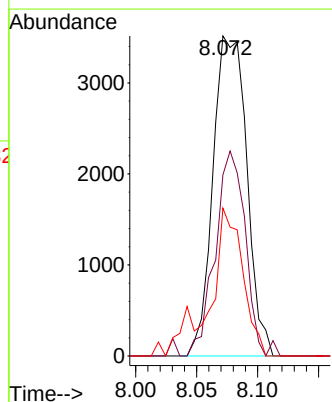
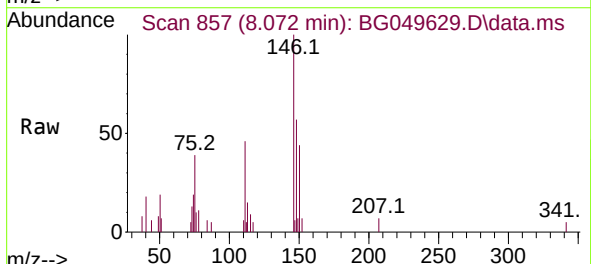
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

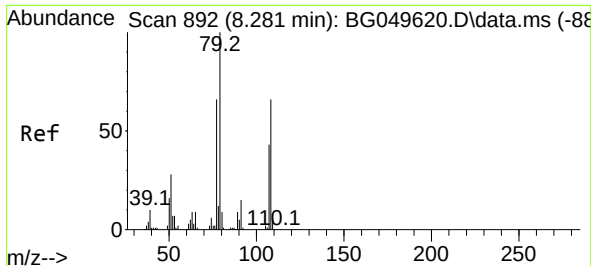
Tgt Ion:146 Resp: 6775
Ion Ratio Lower Upper
146 100
148 56.6 54.0 81.0
111 46.2 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 5.58 ng
RT: 8.072 min Scan# 857
Delta R.T. -0.327 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:146 Resp: 6775
Ion Ratio Lower Upper
146 100
148 56.6 47.5 71.3
111 46.2 39.1 58.7

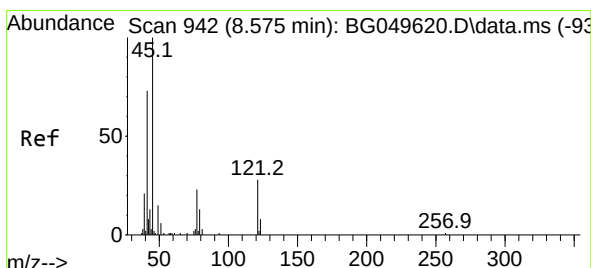
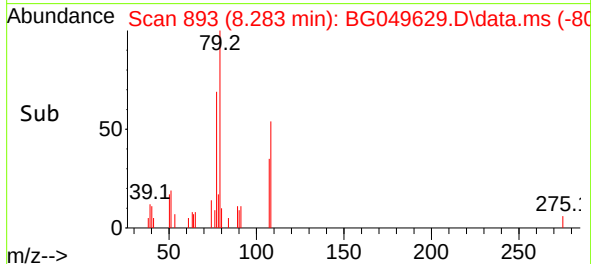
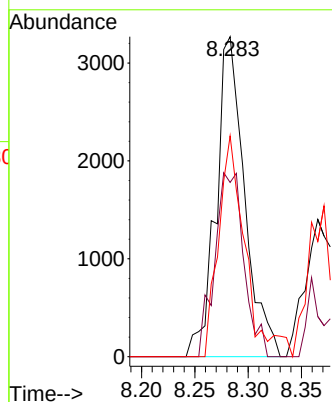
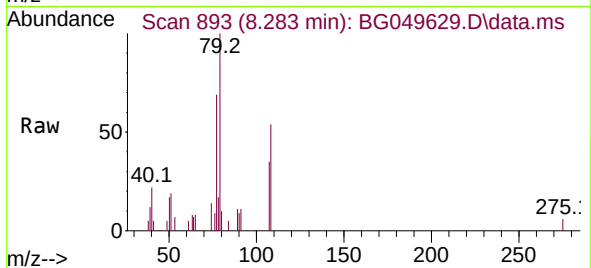




#15
Benzyl Alcohol
Concen: 4.73 ng
RT: 8.283 min Scan# 893
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

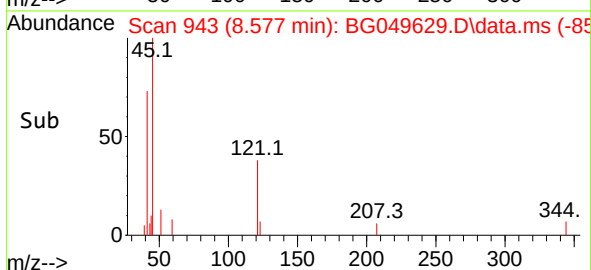
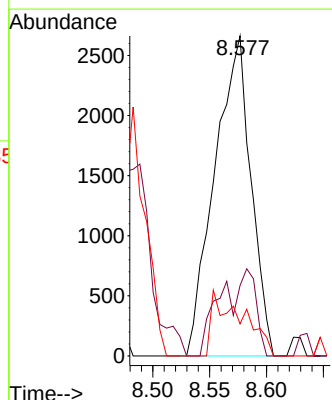
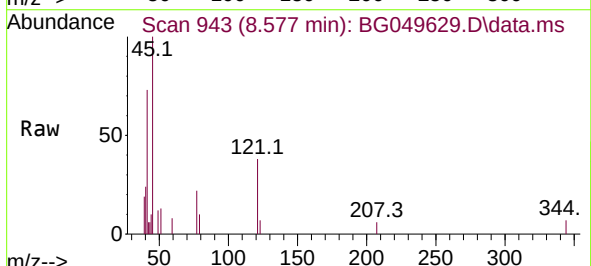
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

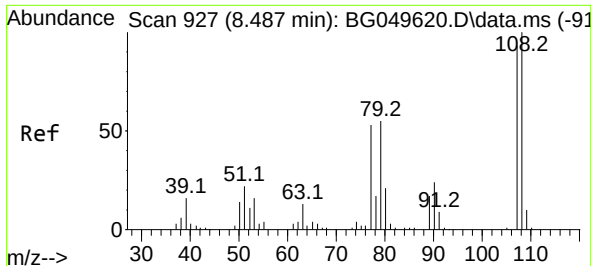
Tgt Ion: 79 Resp: 6098
Ion Ratio Lower Upper
79 100
108 54.5 48.2 72.4
77 69.0 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.17 ng
RT: 8.577 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 45 Resp: 5897
Ion Ratio Lower Upper
45 100
77 22.0 2.2 42.2
79 10.1 0.0 34.3

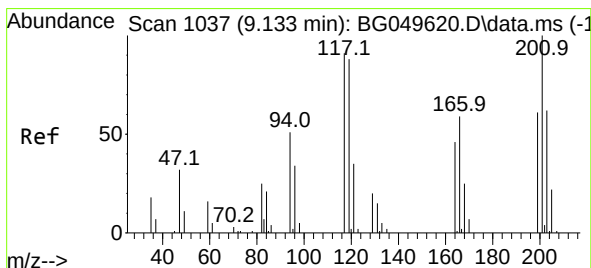
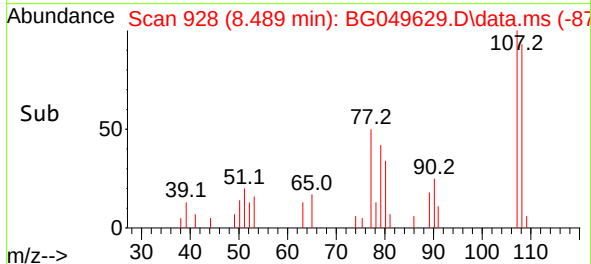
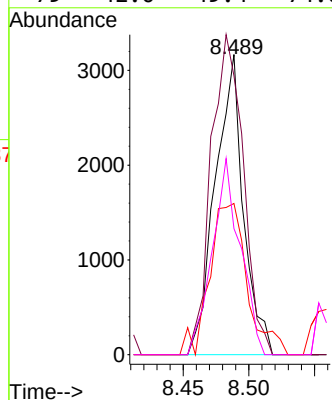
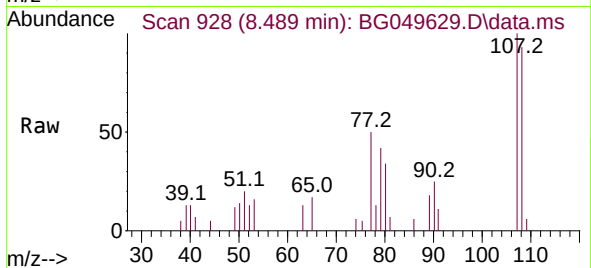




#17
2-Methylphenol
Concen: 4.82 ng
RT: 8.489 min Scan# 928
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

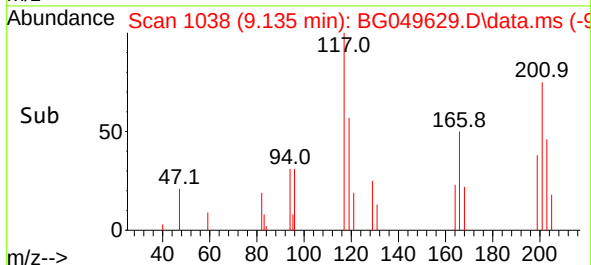
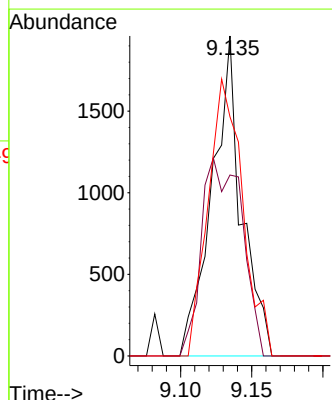
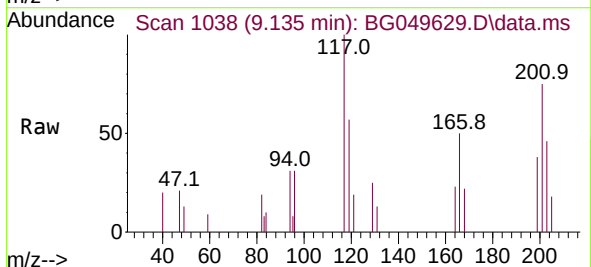
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

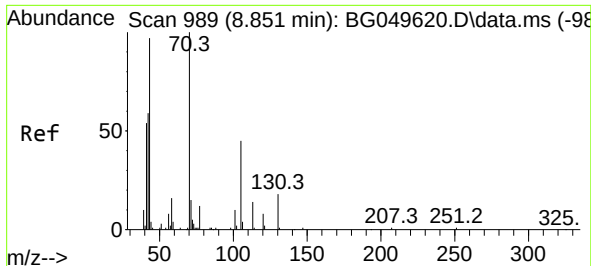
Tgt Ion:107 Resp: 4716
Ion Ratio Lower Upper
107 100
108 92.9 84.6 127.0
77 50.4 50.7 76.1#
79 42.0 49.4 74.0#



#18
Hexachloroethane
Concen: 5.75 ng
RT: 9.135 min Scan# 1038
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:117 Resp: 2835
Ion Ratio Lower Upper
117 100
119 56.6 74.4 111.6#
201 74.8 88.6 133.0#

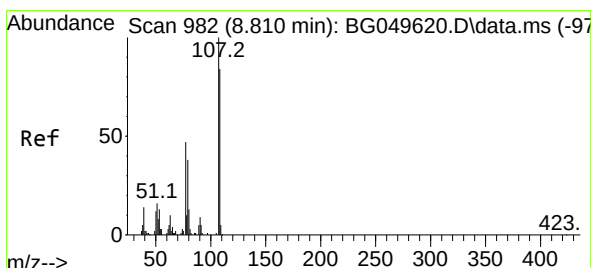
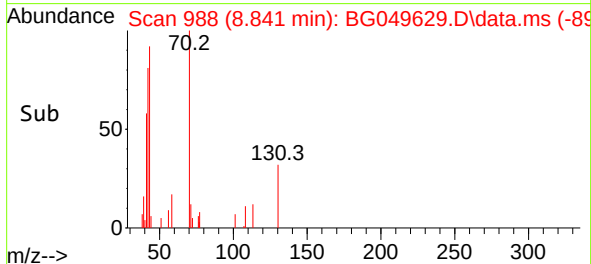
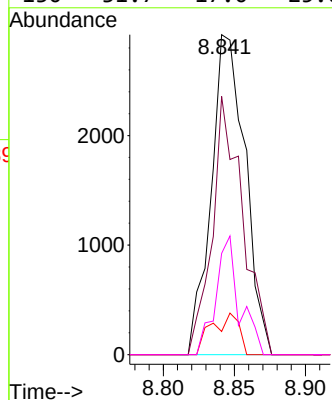
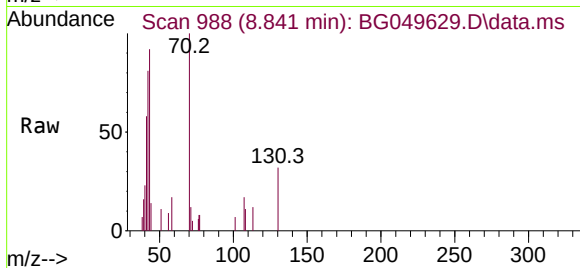




#19
n-Nitroso-di-n-propylamine
Concen: 4.74 ng
RT: 8.841 min Scan# 988
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

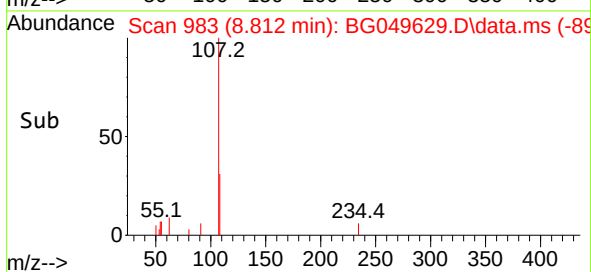
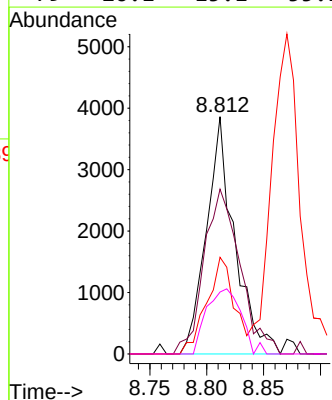
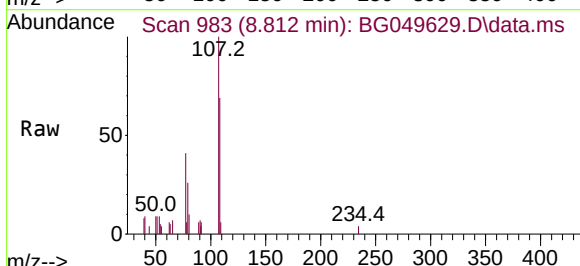
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

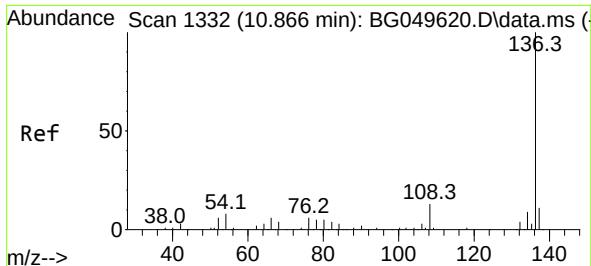
Tgt Ion: 70	Resp: 4865
Ion Ratio	Lower Upper
70 100	
42 80.7	54.5 81.7
101 7.2	9.0 13.6#
130 31.7	17.0 25.6#



#20
3+4-Methylphenols
Concen: 4.84 ng
RT: 8.812 min Scan# 983
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

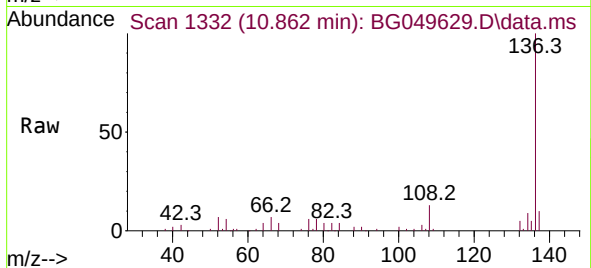
Tgt Ion: 107	Resp: 6654
Ion Ratio	Lower Upper
107 100	
108 69.4	69.3 109.3
77 40.7	25.2 65.2
79 26.1	15.1 55.1



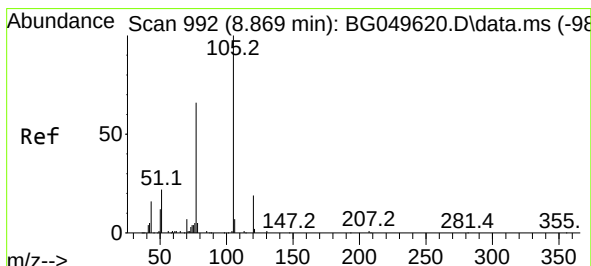
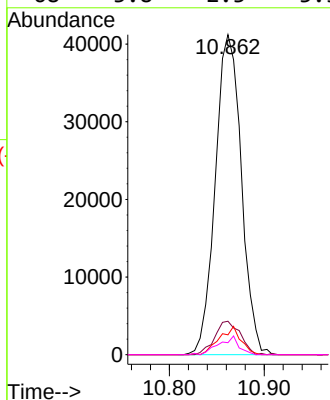
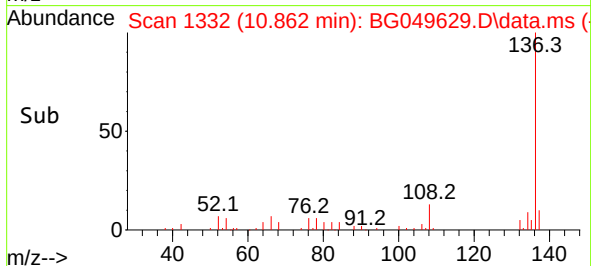


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.862 min Scan# 1332
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

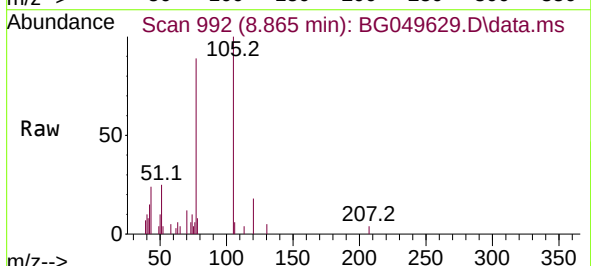
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



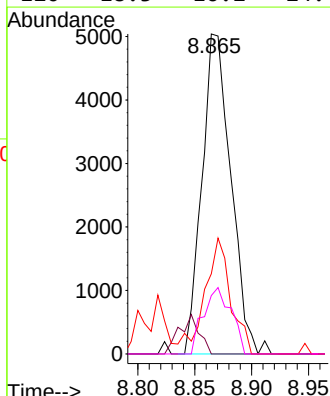
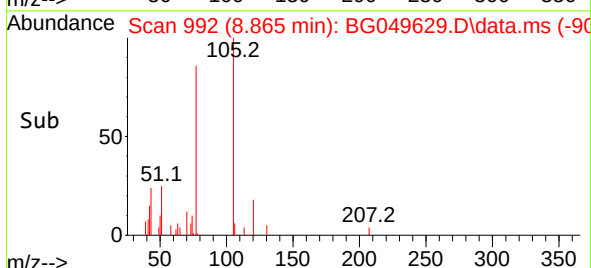
Tgt Ion:136 Resp: 78576
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 6.2 5.5 8.3
68 3.8 2.3 3.5#

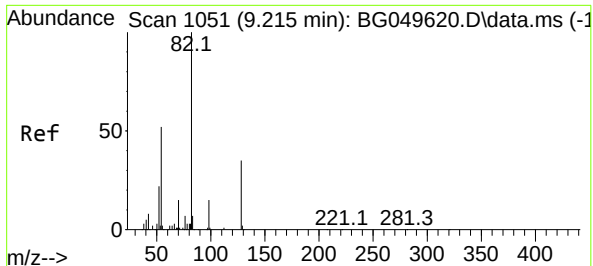


#22
Acetophenone
Concen: 4.18 ng
RT: 8.865 min Scan# 992
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



Tgt Ion:105 Resp: 8922
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 25.0 26.6 40.0#
120 18.3 16.2 24.4

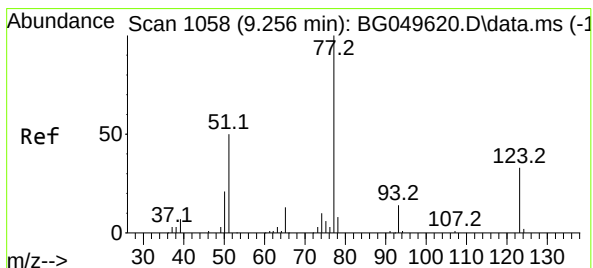
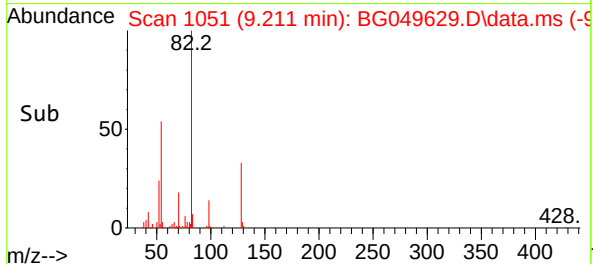
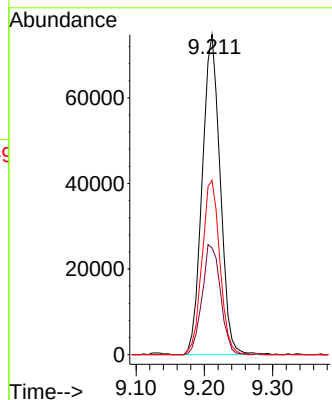
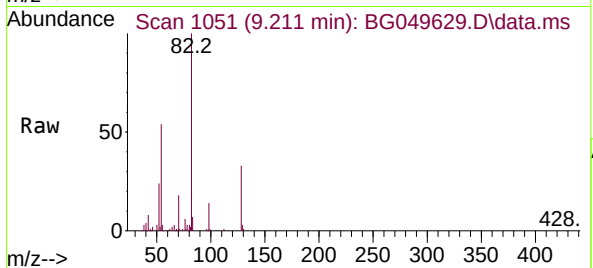




#23
Nitrobenzene-d5
Concen: 77.05 ng
RT: 9.211 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

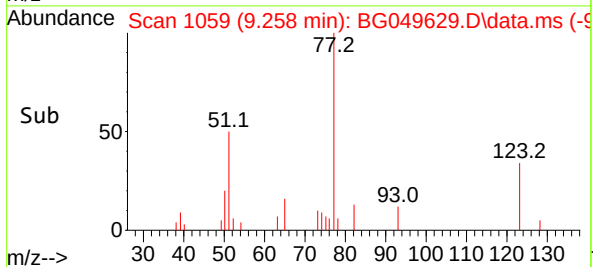
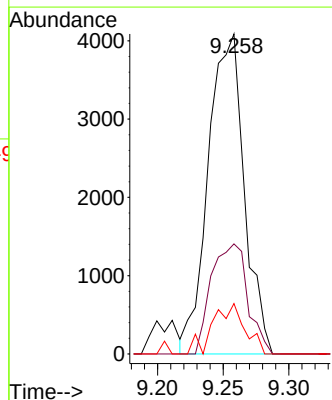
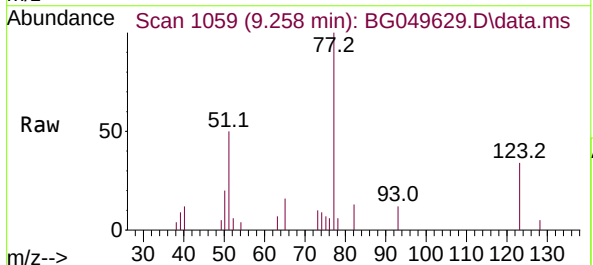
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

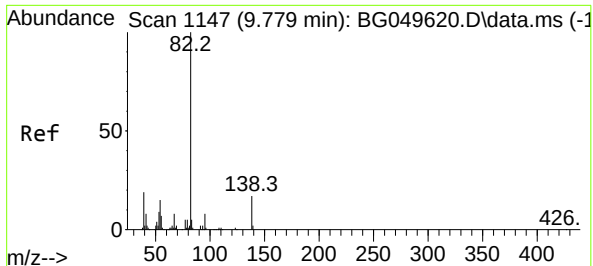
Tgt Ion: 82 Resp: 136812
Ion Ratio Lower Upper
82 100
128 33.4 29.8 44.6
54 54.5 45.8 68.8



#24
Nitrobenzene
Concen: 4.16 ng
RT: 9.258 min Scan# 1059
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 77 Resp: 7800
Ion Ratio Lower Upper
77 100
123 34.4 27.5 41.3
65 15.8 12.6 18.8

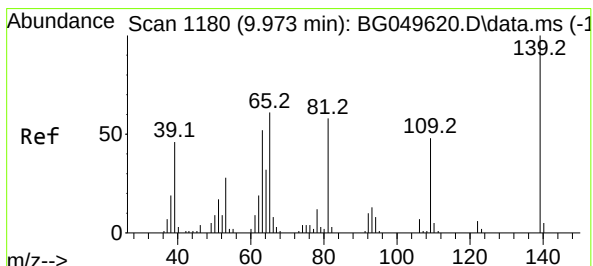
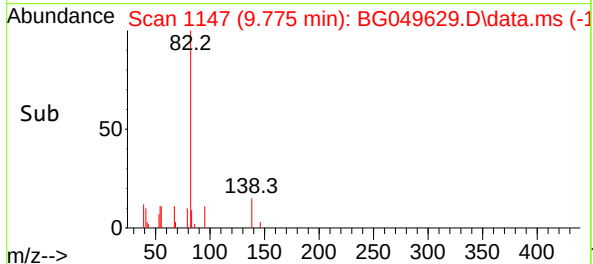
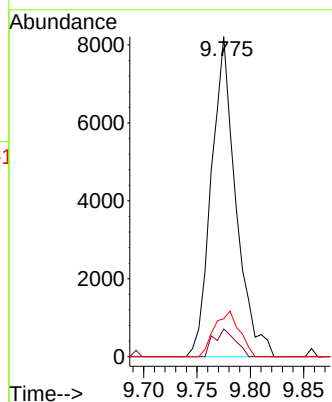
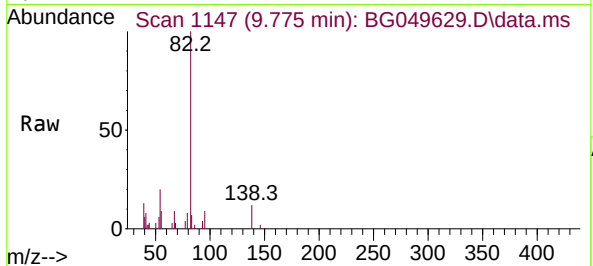




#25
Isophorone
Concen: 4.14 ng
RT: 9.775 min Scan# 1147
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

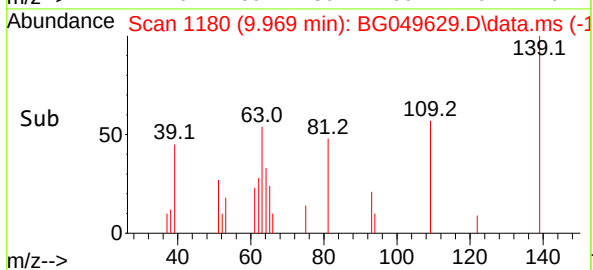
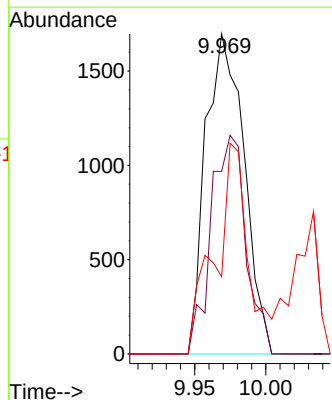
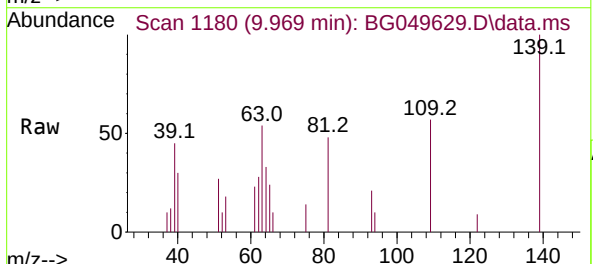
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

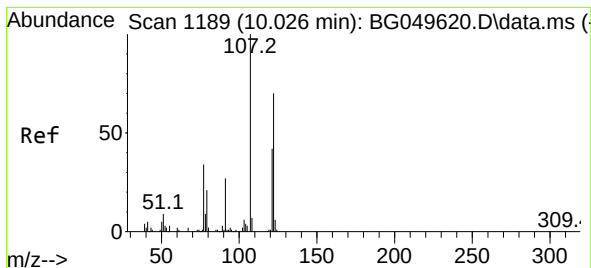
Tgt Ion: 82	Resp: 13118
Ion Ratio	Lower Upper
82 100	
95 8.7	8.5 12.7
138 11.8	11.8 17.6



#26
2-Nitrophenol
Concen: 4.45 ng
RT: 9.969 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 139	Resp: 3184
Ion Ratio	Lower Upper
139 100	
109 57.0	37.8 56.6#
65 24.2	51.8 77.8#

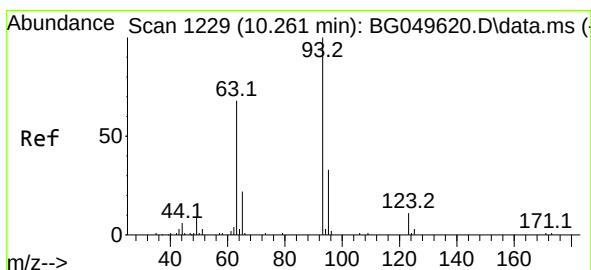
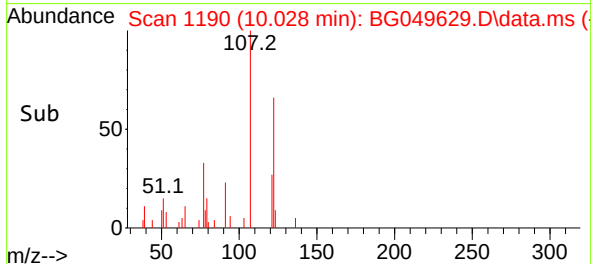
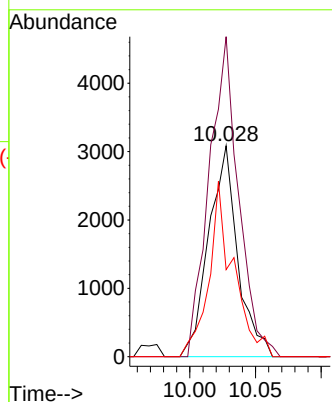
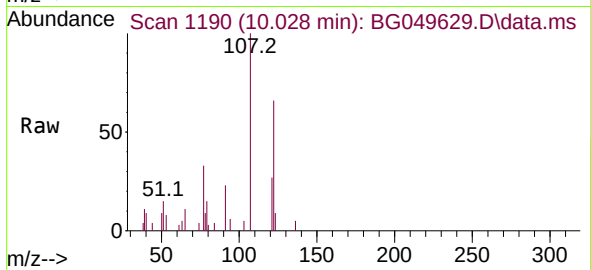




#27
2,4-Dimethylphenol
Concen: 4.49 ng
RT: 10.028 min Scan# 1190
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

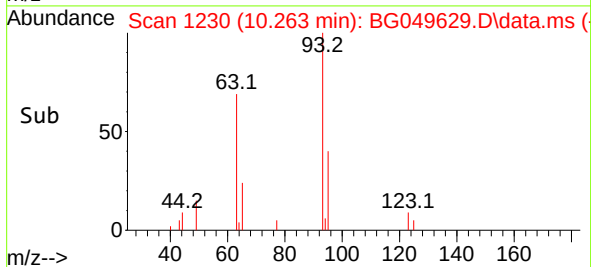
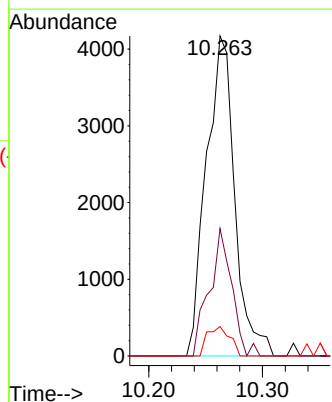
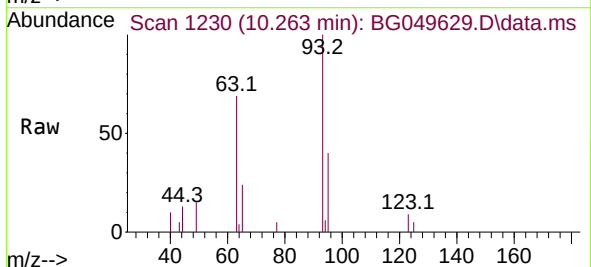
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

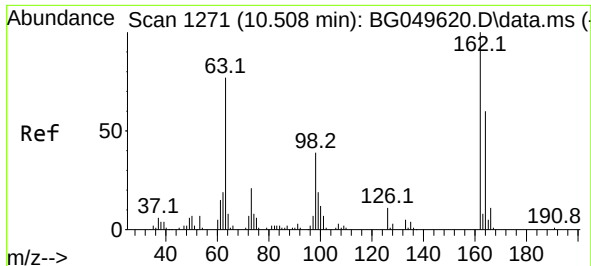
Tgt Ion:122 Resp: 4743
Ion Ratio Lower Upper
122 100
107 151.8 110.1 165.1
121 41.3 49.0 73.6#



#28
bis(2-Chloroethoxy)methane
Concen: 5.24 ng
RT: 10.263 min Scan# 1230
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 93 Resp: 7258
Ion Ratio Lower Upper
93 100
95 39.8 22.2 33.4#
123 9.2 8.8 13.2

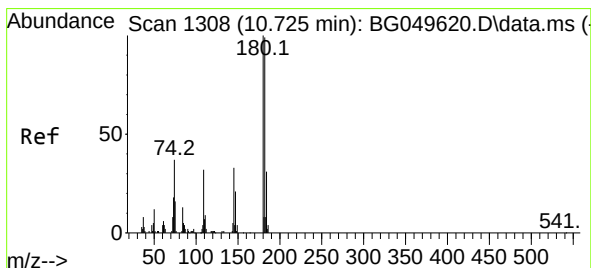
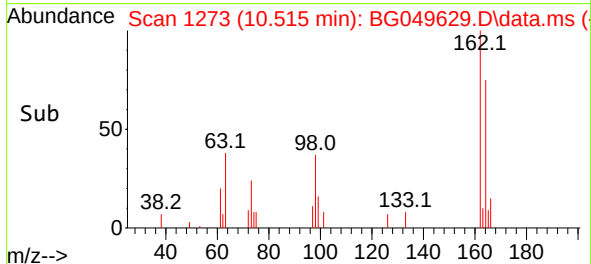
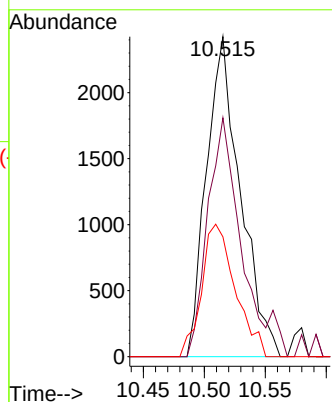
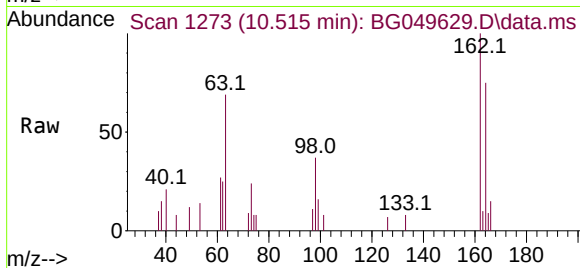




#29
2,4-Dichlorophenol
Concen: 3.61 ng
RT: 10.515 min Scan# 1273
Delta R.T. 0.008 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

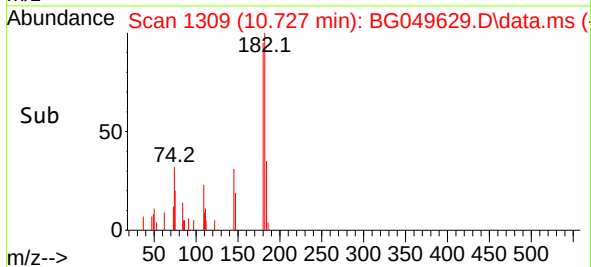
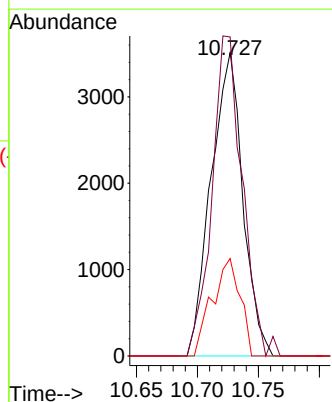
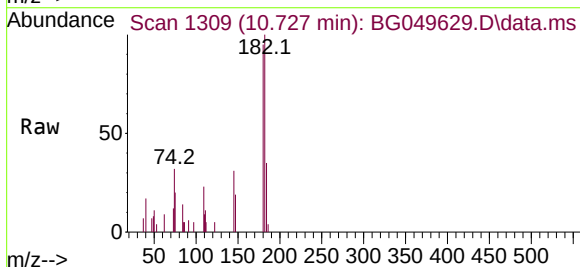
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

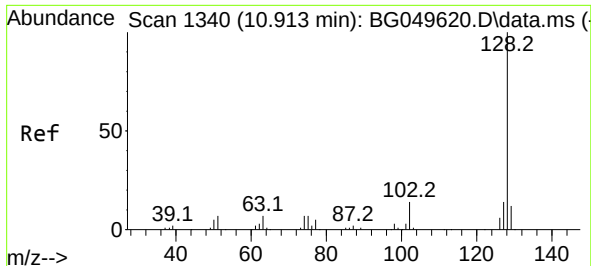
Tgt Ion:162 Resp: 4685
Ion Ratio Lower Upper
162 100
164 74.6 39.4 79.4
98 37.5 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 4.45 ng
RT: 10.727 min Scan# 1309
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:180 Resp: 6361
Ion Ratio Lower Upper
180 100
182 105.2 78.9 118.3
145 32.1 26.2 39.4

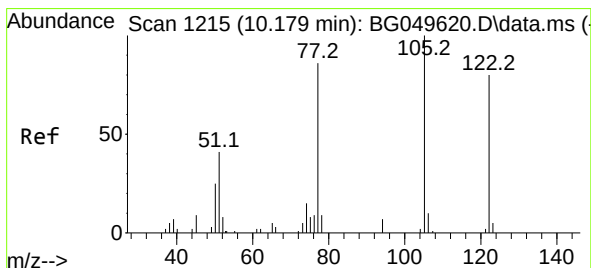
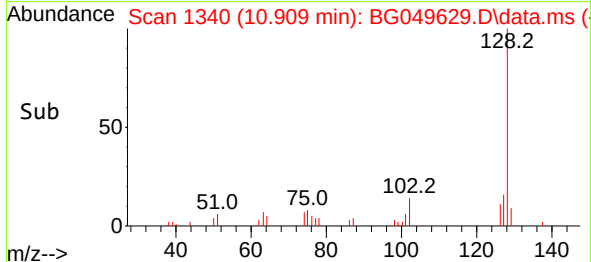
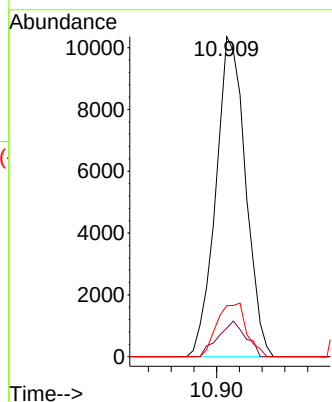
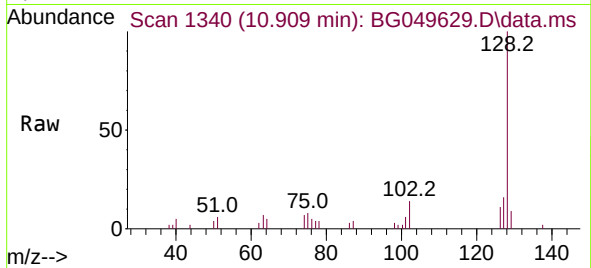




#31
Naphthalene
Concen: 4.57 ng
RT: 10.909 min Scan# 1340
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

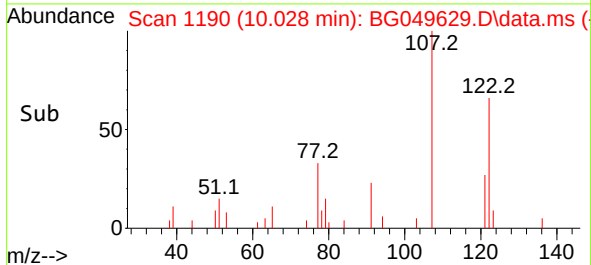
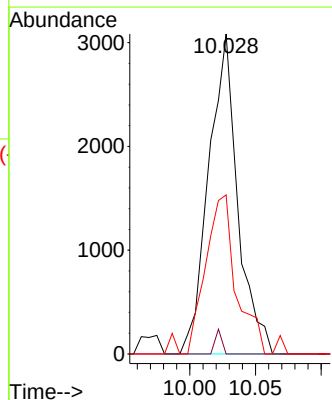
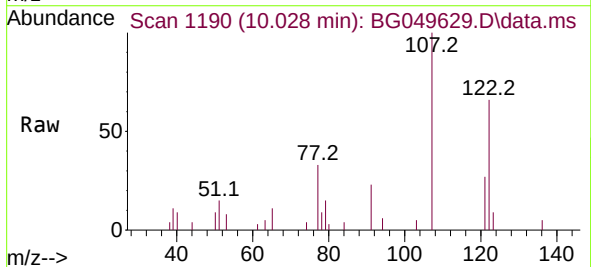
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

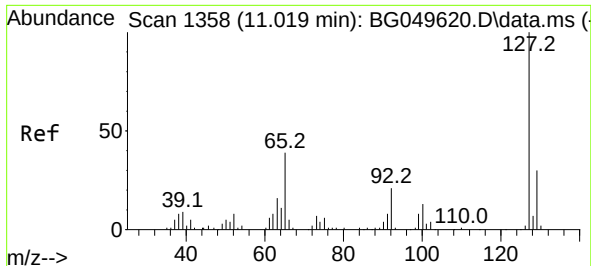
Tgt Ion:128 Resp: 18788
Ion Ratio Lower Upper
128 100
129 8.9 8.5 12.7
127 16.0 10.2 15.4#



#32
Benzoic acid
Concen: 6.94 ng
RT: 10.028 min Scan# 1190
Delta R.T. -0.151 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:122 Resp: 4743
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 49.7 66.5 106.5#

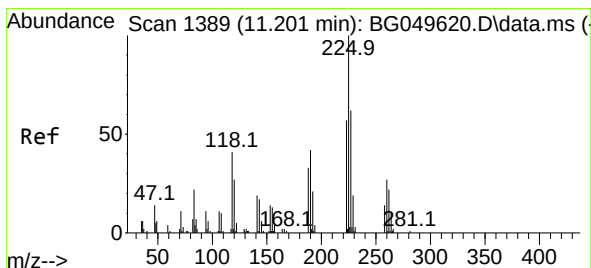
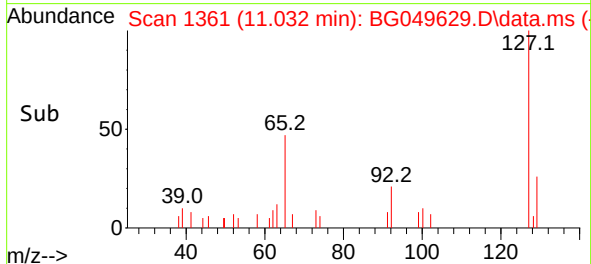
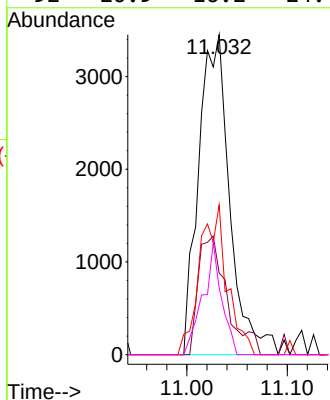
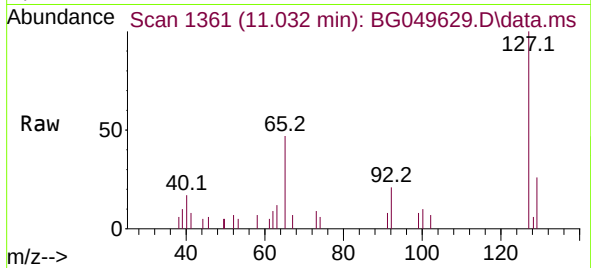




#33
4-Chloroaniline
Concen: 4.58 ng
RT: 11.032 min Scan# 1361
Delta R.T. 0.014 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

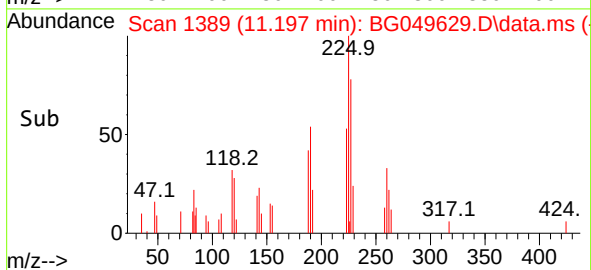
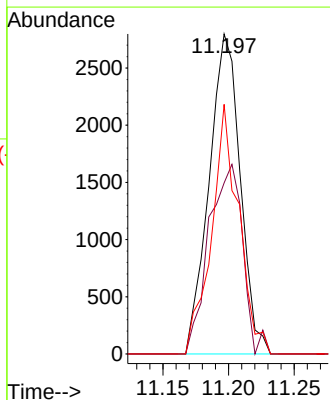
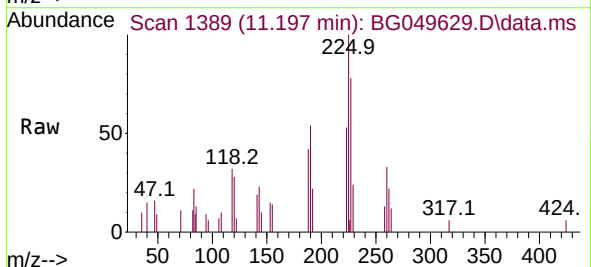
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

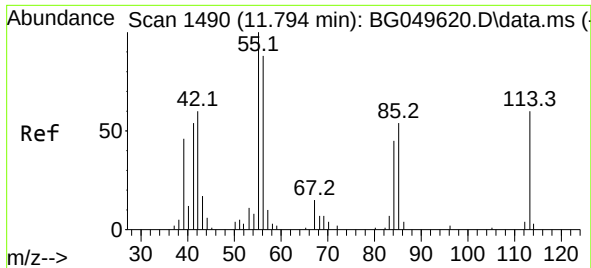
Tgt Ion:	127	Resp:	7437
Ion	Ratio	Lower	Upper
127	100		
129	25.5	26.7	40.1#
65	46.8	32.8	49.2
92	20.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 4.45 ng
RT: 11.197 min Scan# 1389
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:	225	Resp:	4622
Ion	Ratio	Lower	Upper
225	100		
223	53.4	49.8	74.8
227	78.0	46.4	69.6#

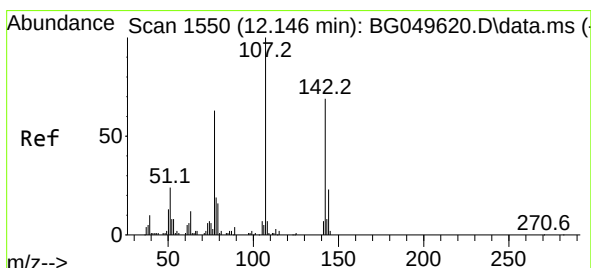
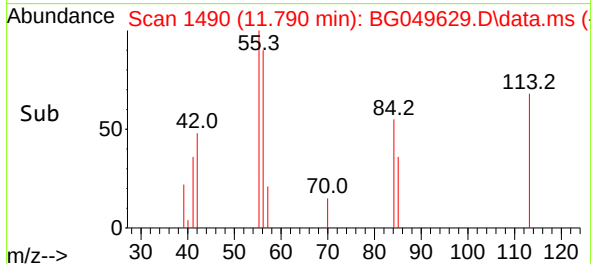
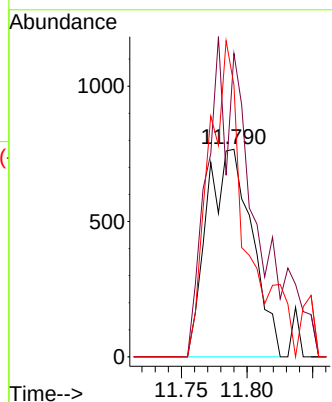
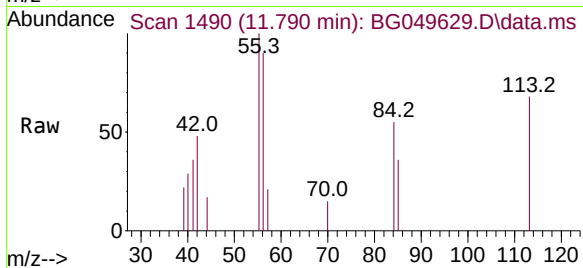




#35
Caprolactam
Concen: 4.55 ng
RT: 11.790 min Scan# 1490
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

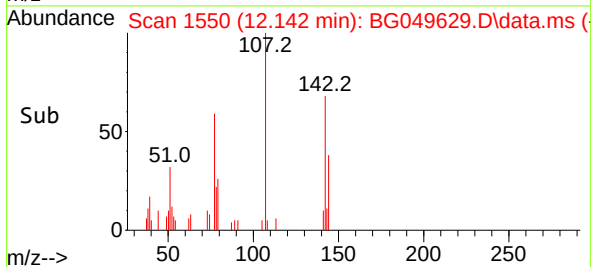
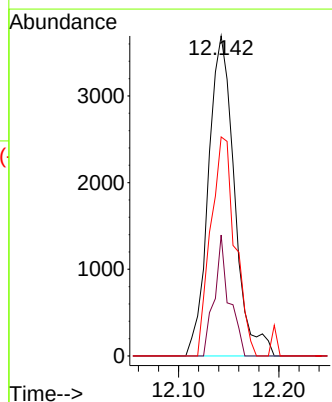
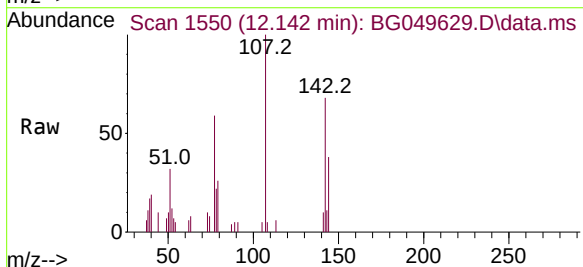
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

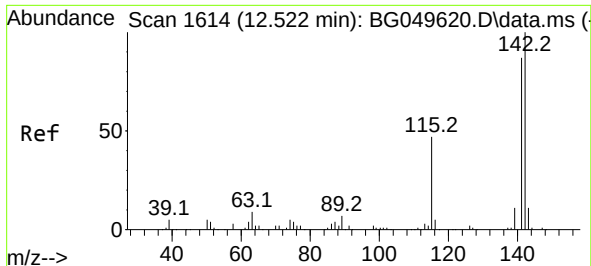
Tgt Ion:113 Resp: 1824
Ion Ratio Lower Upper
113 100
55 146.2 113.8 153.8
56 130.9 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 4.45 ng
RT: 12.142 min Scan# 1550
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:107 Resp: 6662
Ion Ratio Lower Upper
107 100
144 37.8 24.8 37.2#
142 68.5 62.2 93.4

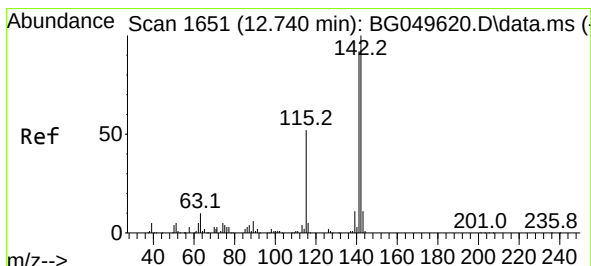
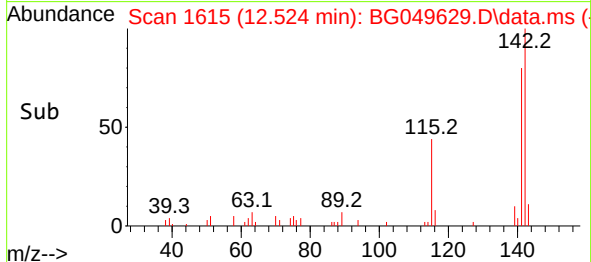
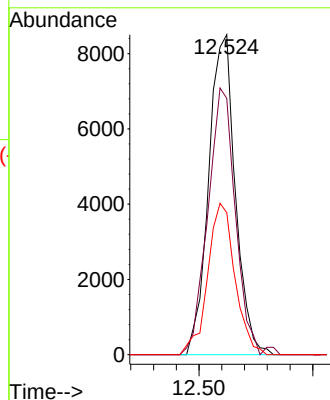
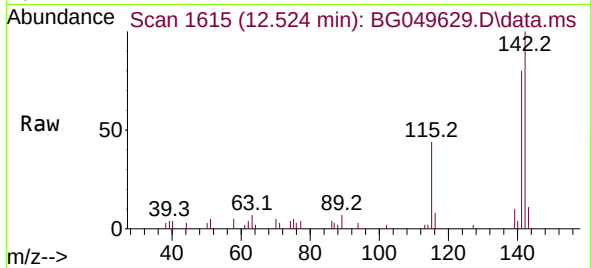




#37
2-Methylnaphthalene
Concen: 4.47 ng
RT: 12.524 min Scan# 1615
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

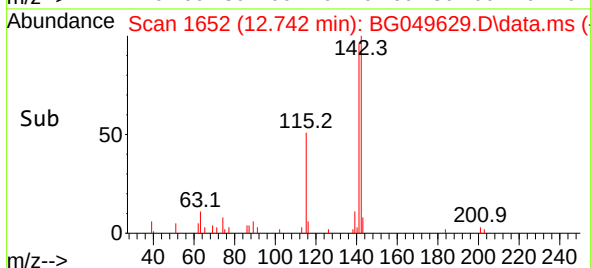
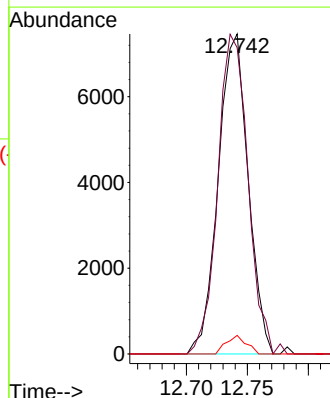
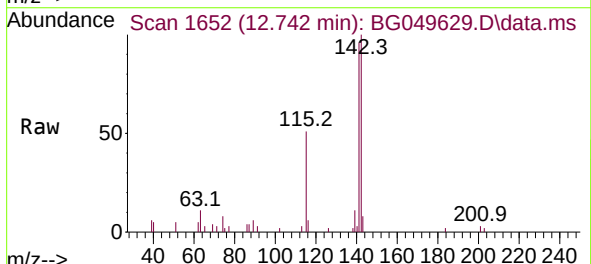
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

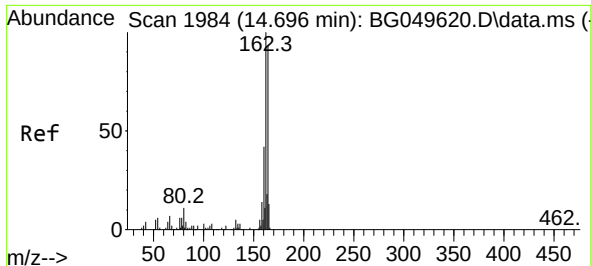
Tgt Ion:142 Resp: 13852
Ion Ratio Lower Upper
142 100
141 80.1 68.8 103.2
115 44.4 36.4 54.6



#38
1-Methylnaphthalene
Concen: 4.37 ng
RT: 12.742 min Scan# 1652
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:142 Resp: 12728
Ion Ratio Lower Upper
142 100
141 95.7 70.6 106.0
116 5.8 4.0 6.0

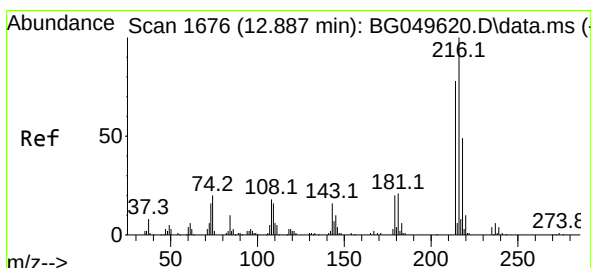
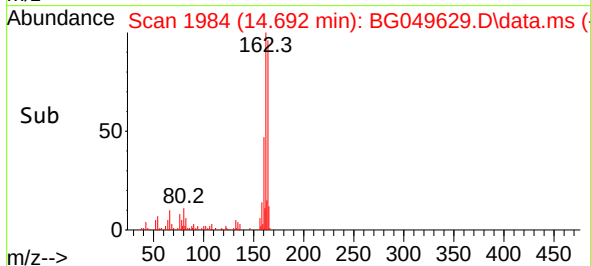
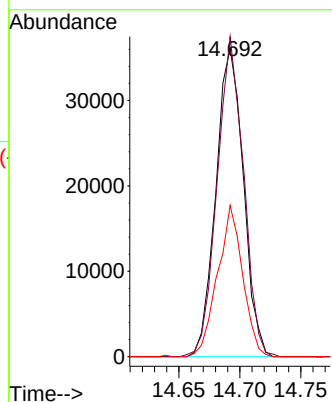
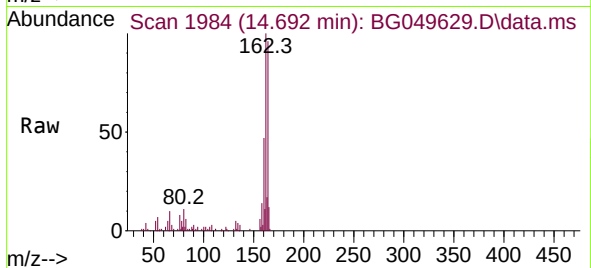




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.692 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

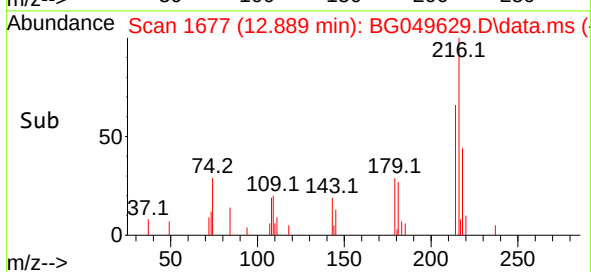
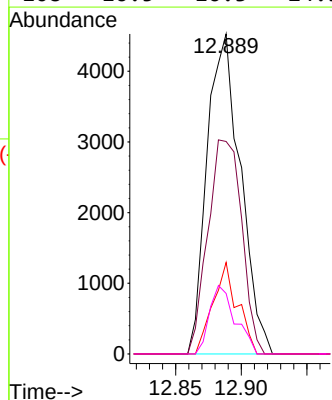
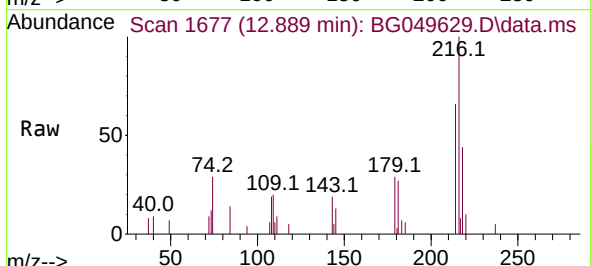
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

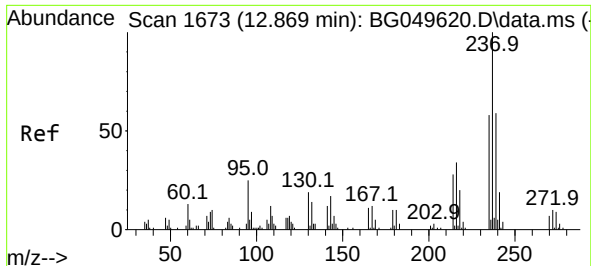
Tgt Ion:164 Resp: 56654
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 49.0 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.81 ng
RT: 12.889 min Scan# 1677
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:216 Resp: 8023
Ion Ratio Lower Upper
216 100
214 67.6 61.4 92.2
179 21.0 17.3 25.9
108 16.5 16.3 24.5

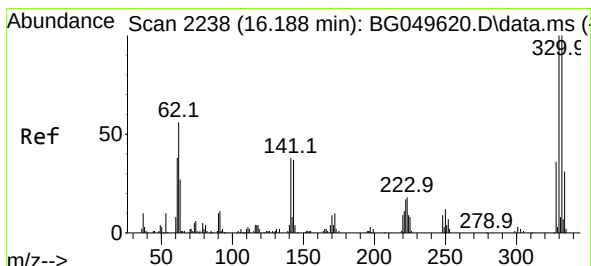
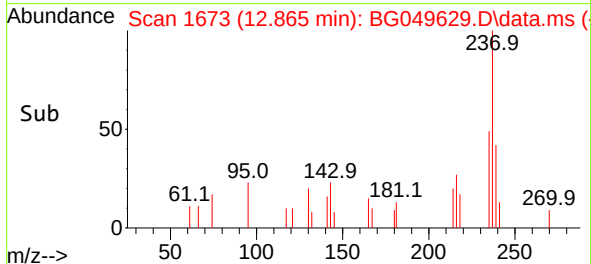
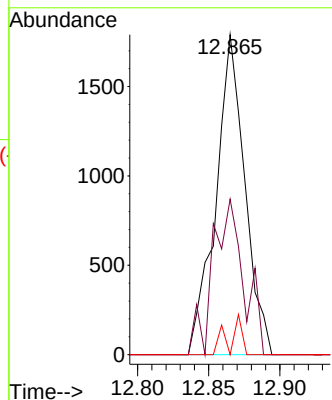
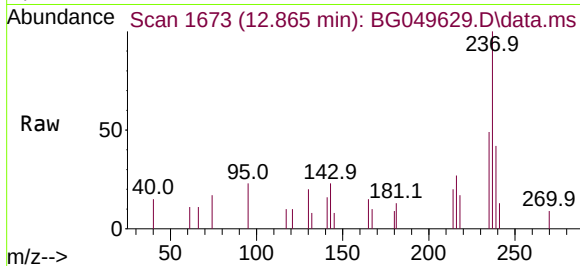




#41
Hexachlorocyclopentadiene
Concen: 3.69 ng
RT: 12.865 min Scan# 1673
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

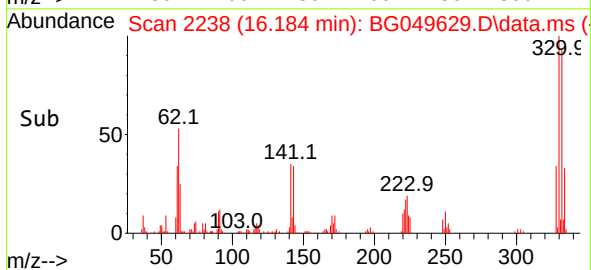
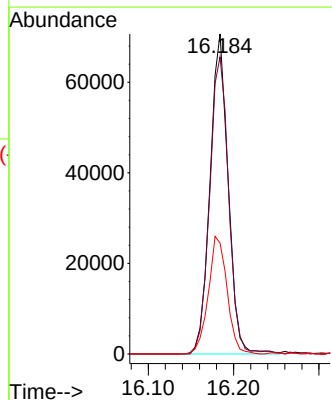
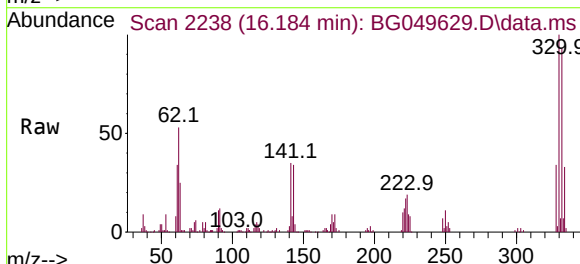
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

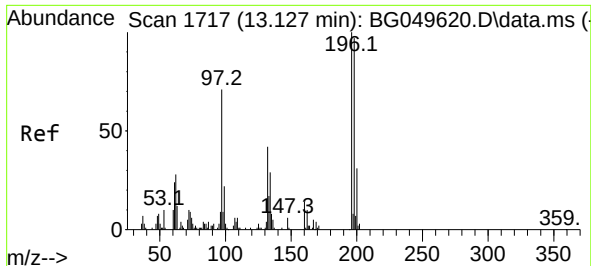
Tgt Ion:237	Resp:	2543
Ion Ratio	Lower	Upper
237	100	
235	48.6	36.6 76.6
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 125.33 ng
RT: 16.184 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:330	Resp:	104369
Ion Ratio	Lower	Upper
330	100	
332	97.1	77.3 115.9
141	38.0	35.6 53.4

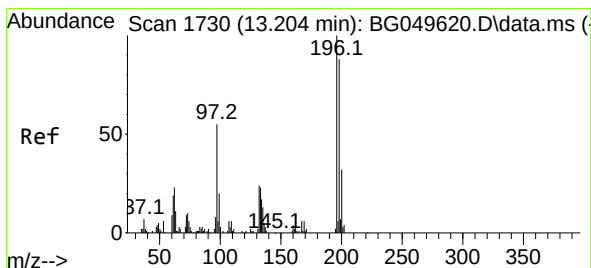
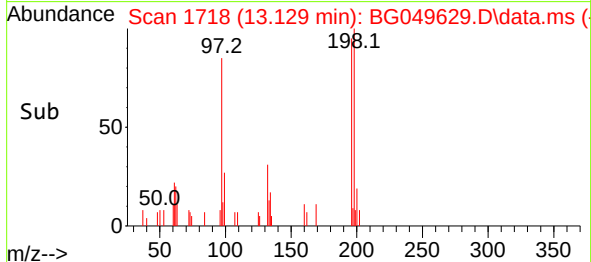
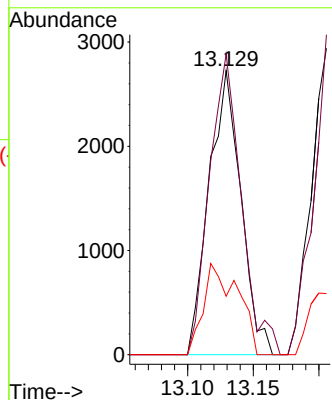
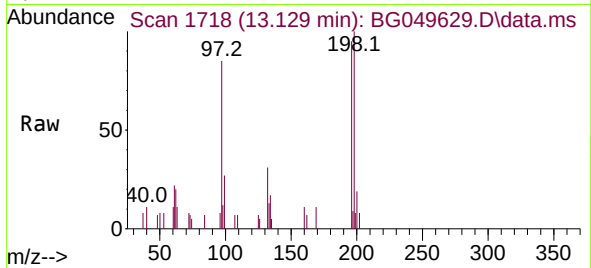




#43
2,4,6-Trichlorophenol
Concen: 4.10 ng
RT: 13.129 min Scan# 1718
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

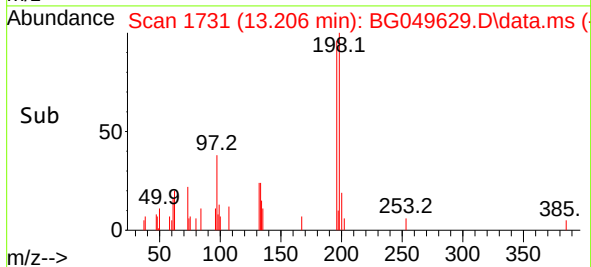
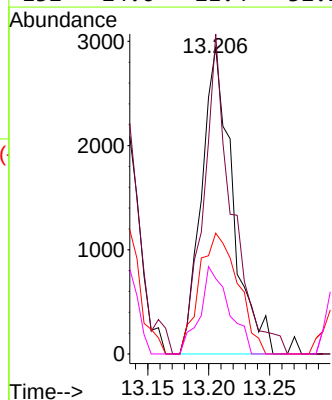
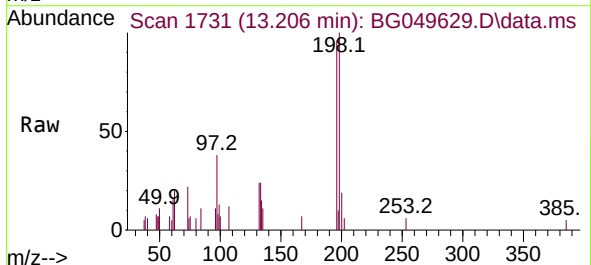
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

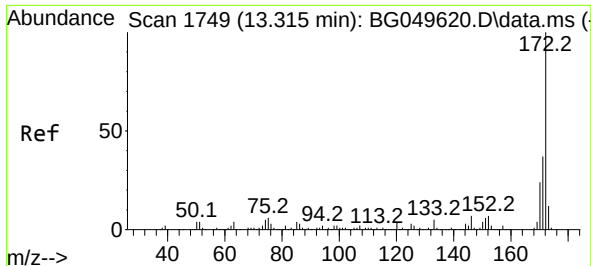
Tgt Ion:196 Resp: 4609
Ion Ratio Lower Upper
196 100
198 105.8 82.1 123.1
200 20.5 23.8 35.8#



#44
2,4,5-Trichlorophenol
Concen: 4.27 ng
RT: 13.206 min Scan# 1731
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:196 Resp: 5219
Ion Ratio Lower Upper
196 100
198 104.5 87.4 131.0
97 39.5 43.3 64.9#
132 24.6 21.4 32.2

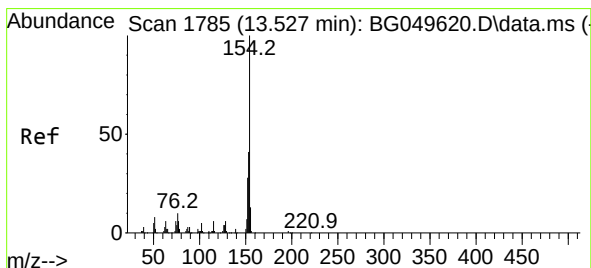
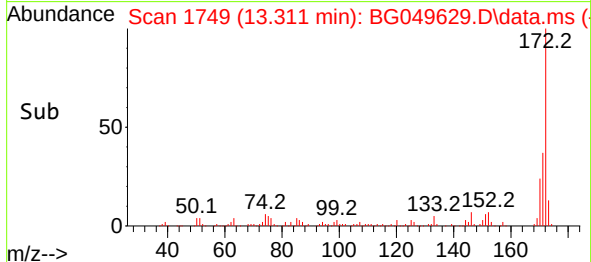
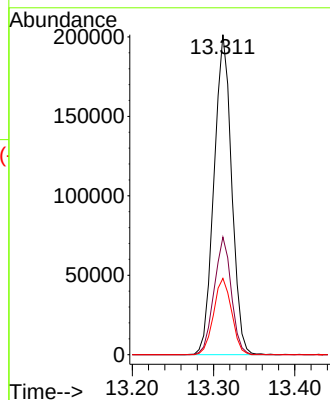
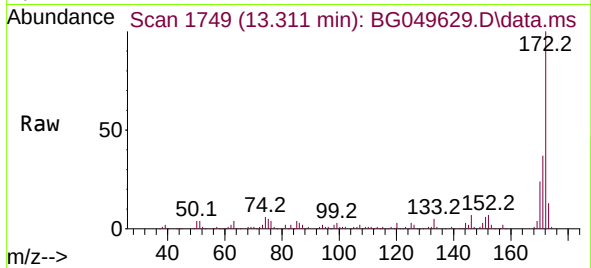




#45
2-Fluorobiphenyl
Concen: 77.88 ng
RT: 13.311 min Scan# 1749
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

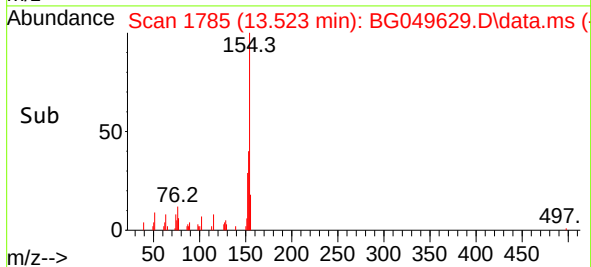
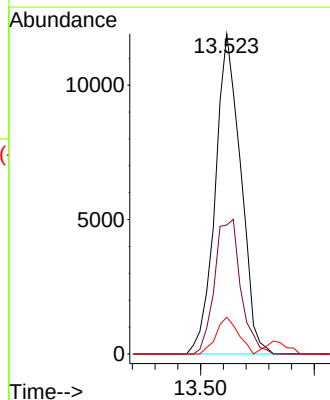
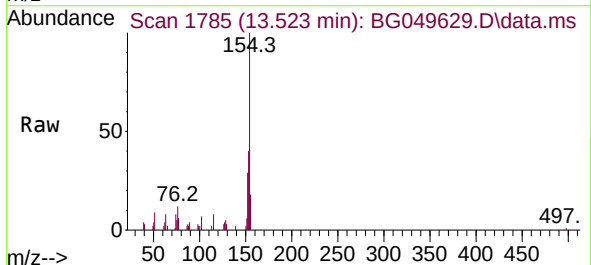
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

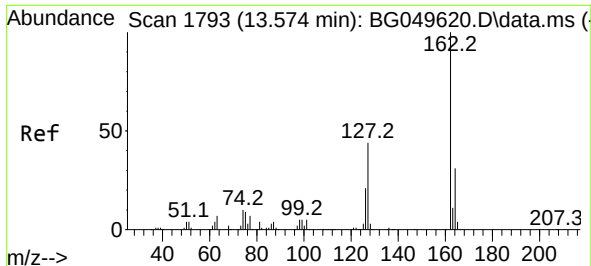
Tgt Ion:172 Resp: 303230
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.58 ng
RT: 13.523 min Scan# 1785
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:154 Resp: 18485
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 11.5 0.0 29.3

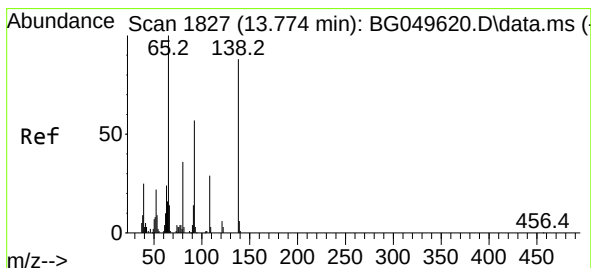
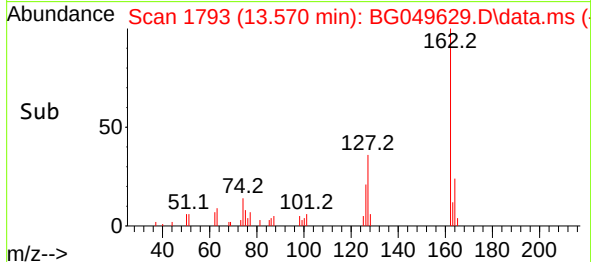
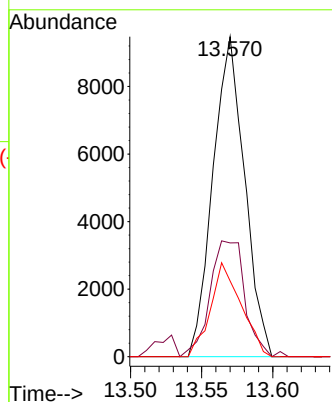
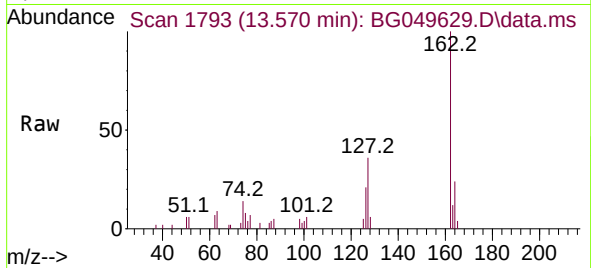




#47
2-Chloronaphthalene
Concen: 4.54 ng
RT: 13.570 min Scan# 1793
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

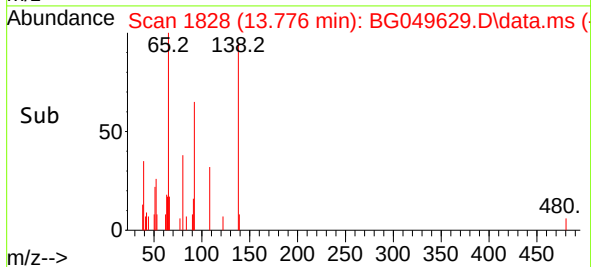
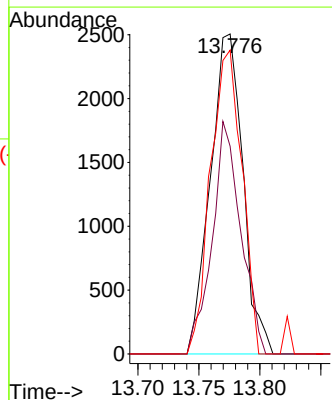
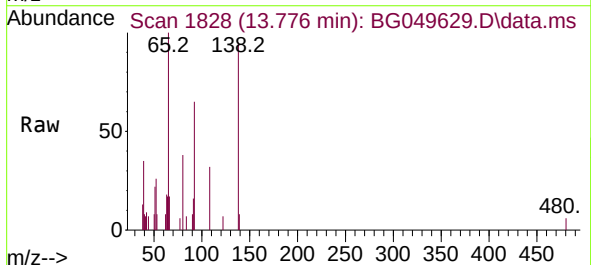
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

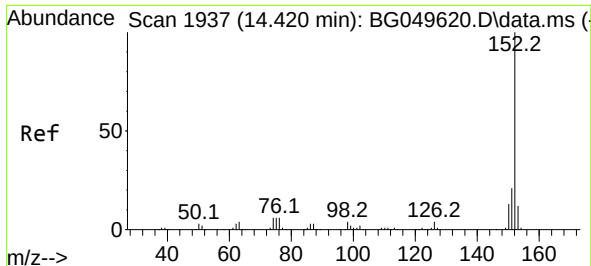
Tgt Ion:162	Resp:	14644
Ion Ratio	Lower	Upper
162	100	
127	35.6	32.7 49.1
164	23.7	27.0 40.4#



#48
2-Nitroaniline
Concen: 3.92 ng
RT: 13.776 min Scan# 1828
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

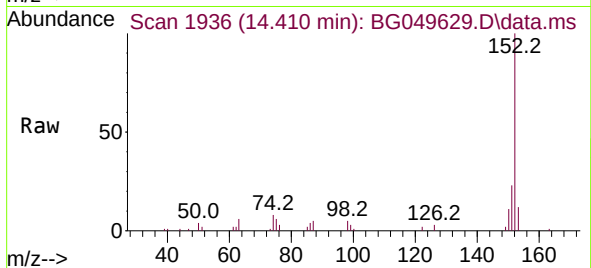
Tgt Ion: 65	Resp:	4643
Ion Ratio	Lower	Upper
65	100	
92	64.9	47.2 70.8
138	94.9	68.0 102.0



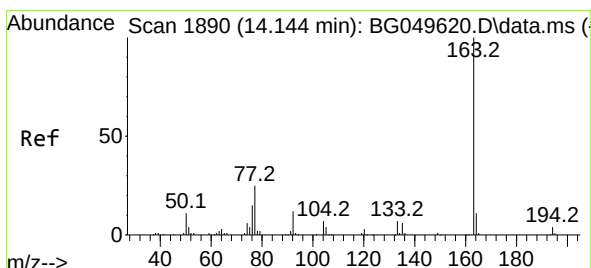
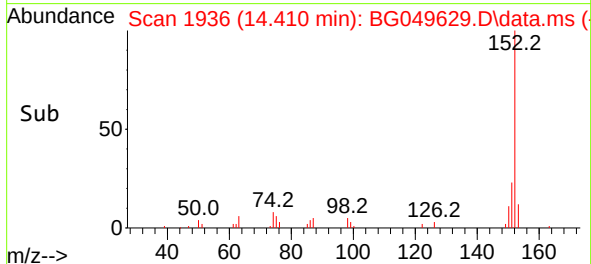
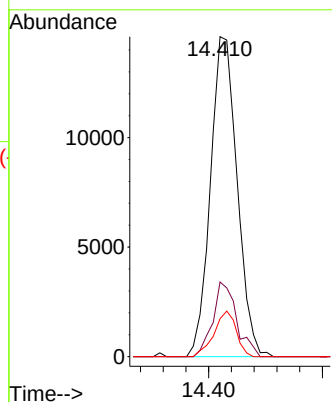


#49
Acenaphthylene
Concen: 4.66 ng
RT: 14.410 min Scan# 1936
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

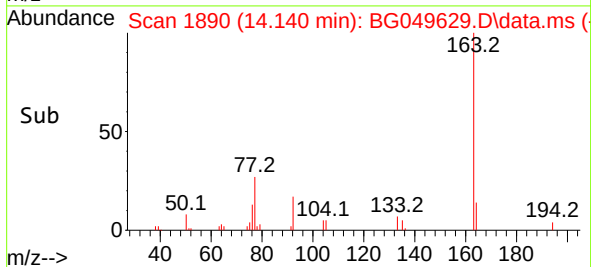
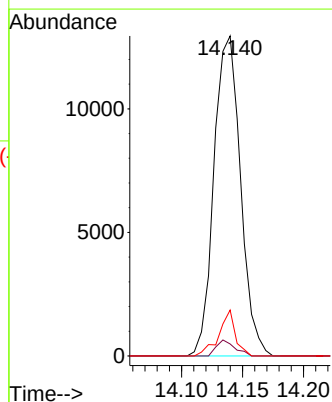
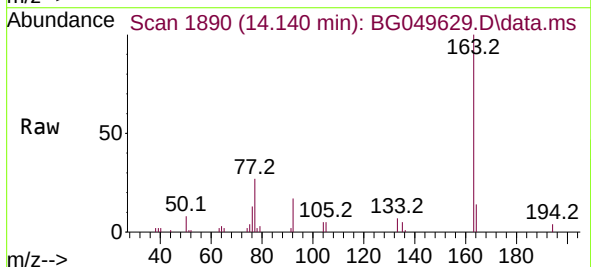


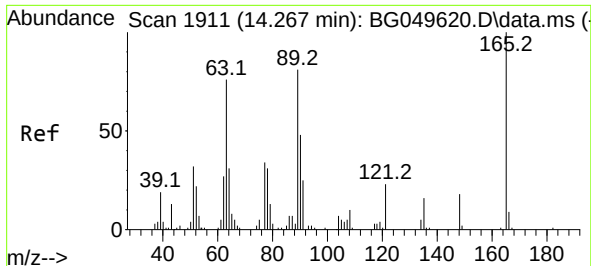
Tgt Ion:152 Resp: 23812
Ion Ratio Lower Upper
152 100
151 23.3 18.2 27.4
153 11.8 11.7 17.5



#50
Dimethylphthalate
Concen: 4.59 ng
RT: 14.140 min Scan# 1890
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:163 Resp: 19624
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 14.4 8.6 12.8#

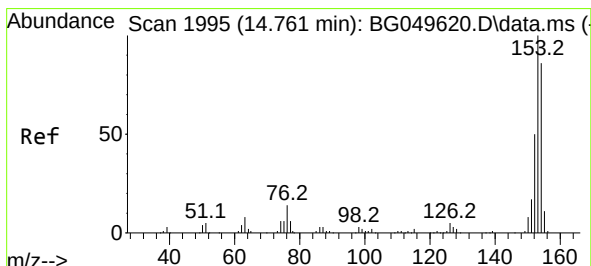
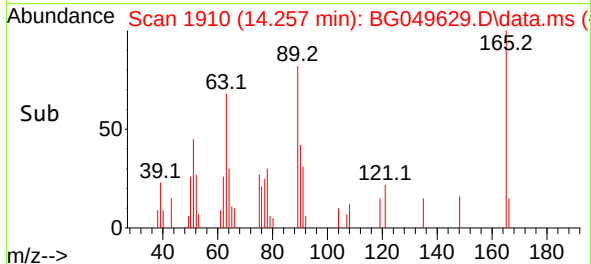
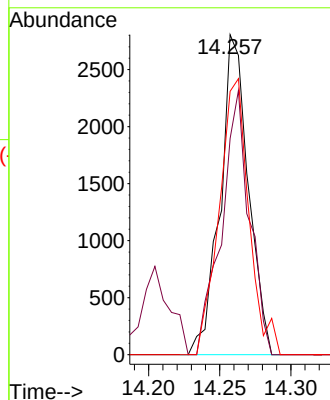
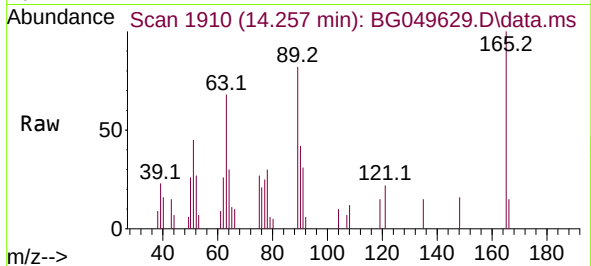




#51
2,6-Dinitrotoluene
Concen: 4.12 ng
RT: 14.257 min Scan# 1910
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

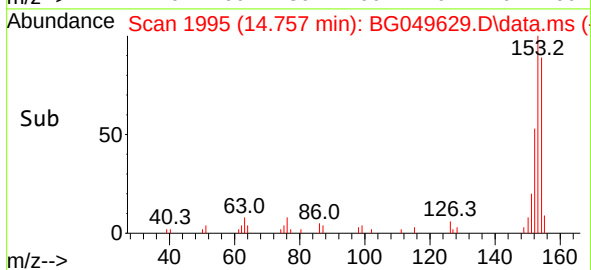
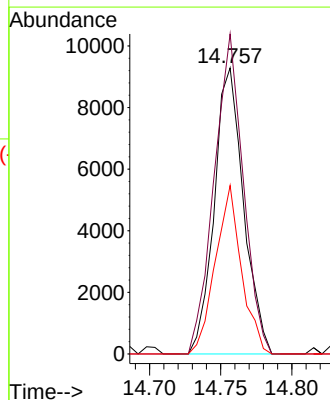
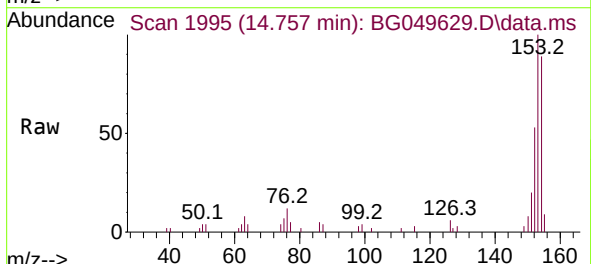
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

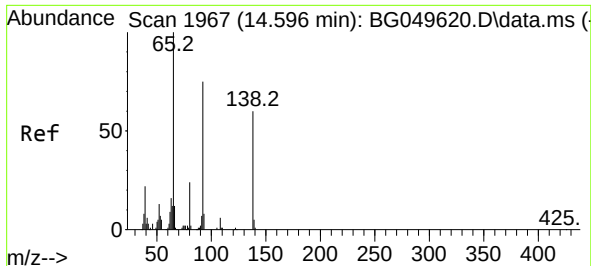
Tgt Ion:165 Resp: 3874
Ion Ratio Lower Upper
165 100
63 67.6 63.3 94.9
89 82.3 63.4 95.0



#52
Acenaphthene
Concen: 4.33 ng
RT: 14.757 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:154 Resp: 13325
Ion Ratio Lower Upper
154 100
153 111.8 87.0 130.4
152 58.9 40.1 60.1

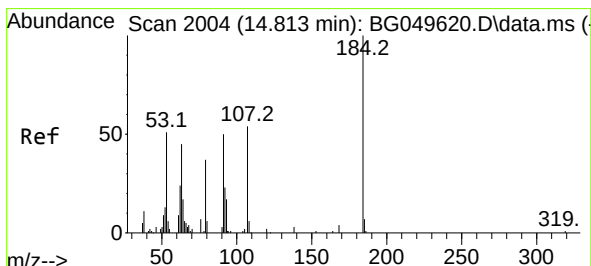
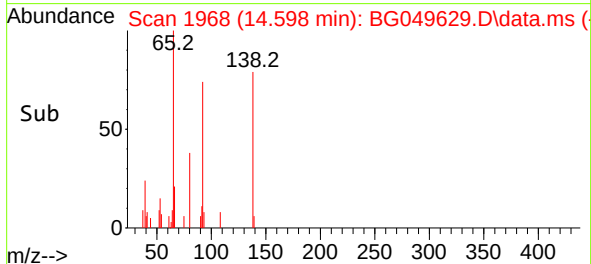
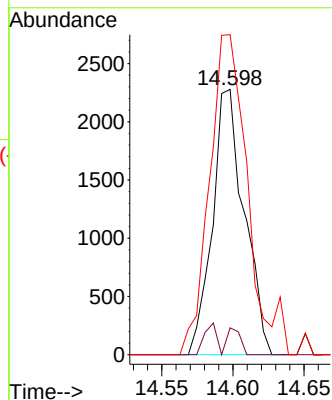
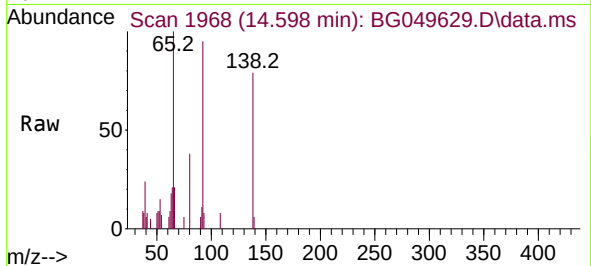




#53
3-Nitroaniline
Concen: 3.86 ng
RT: 14.598 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

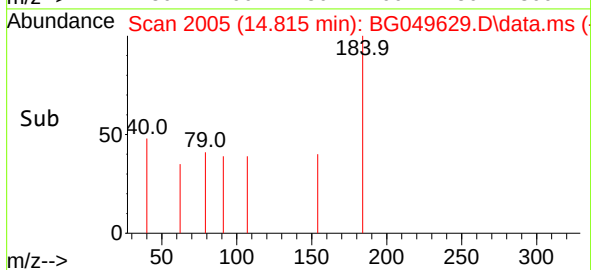
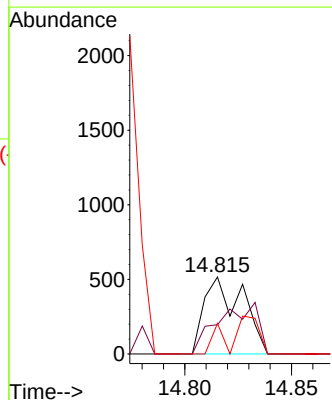
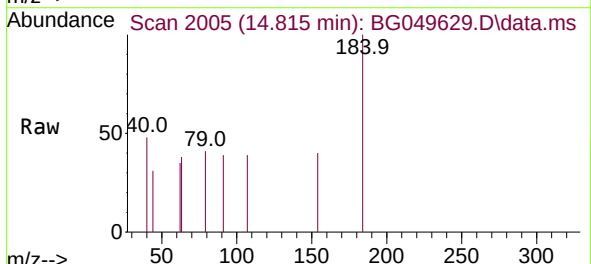
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

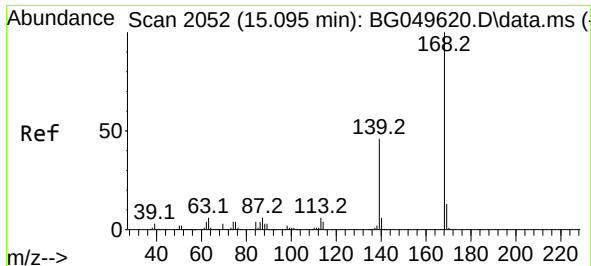
Tgt Ion:138 Resp: 3539
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 120.6 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 1.20 ng
RT: 14.815 min Scan# 2005
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:184 Resp: 640
Ion Ratio Lower Upper
184 100
63 38.2 68.3 102.5#
154 39.7 62.6 93.8#

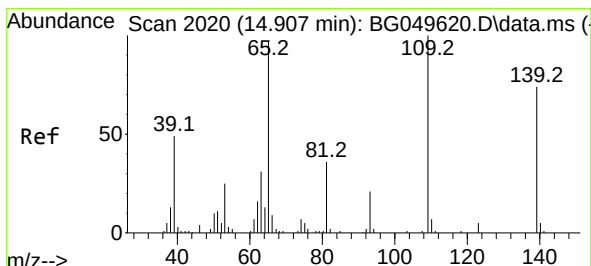
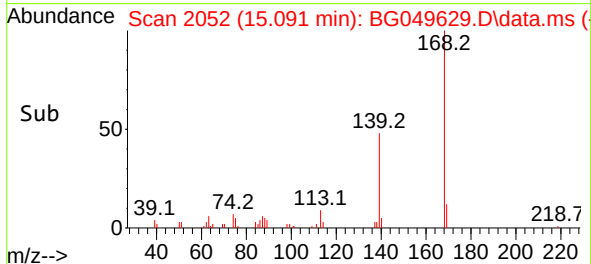
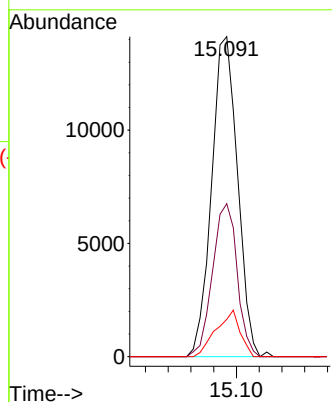
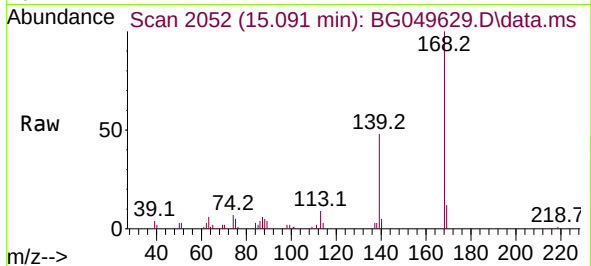




#55
Dibenzenofuran
Concen: 4.48 ng
RT: 15.091 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

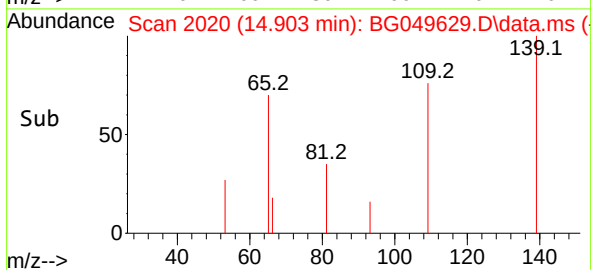
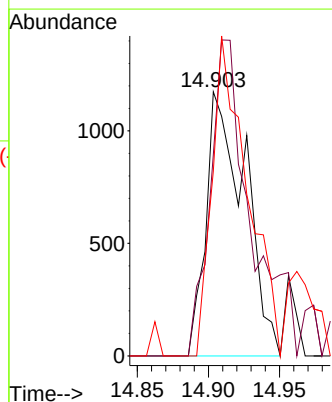
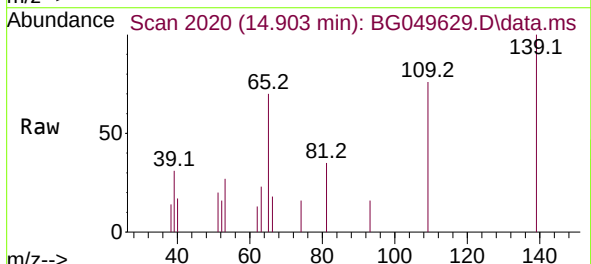
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

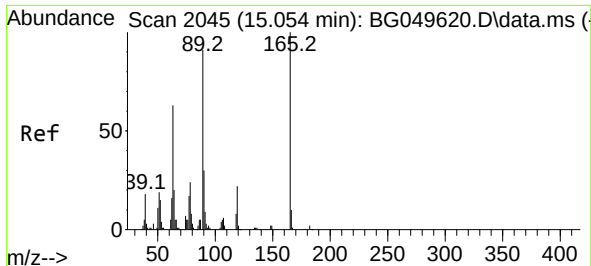
Tgt Ion:168 Resp: 22386
Ion Ratio Lower Upper
168 100
139 47.8 33.4 50.2
169 11.7 12.3 18.5#



#56
4-Nitrophenol
Concen: 3.34 ng
RT: 14.903 min Scan# 2020
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:139 Resp: 2242
Ion Ratio Lower Upper
139 100
109 76.1 116.3 156.3#
65 69.9 105.0 145.0#

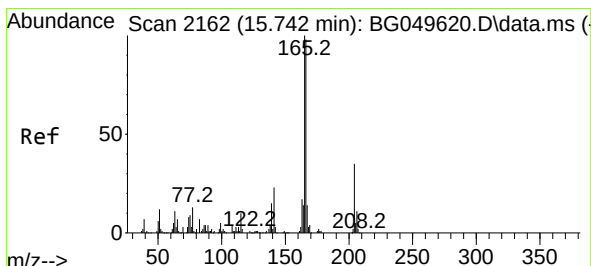
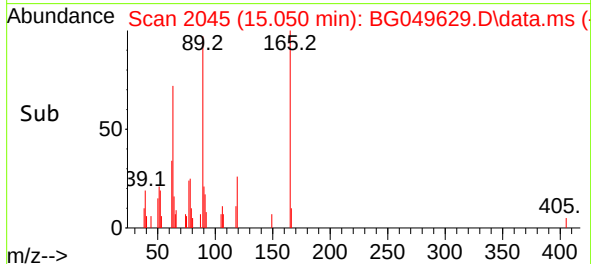
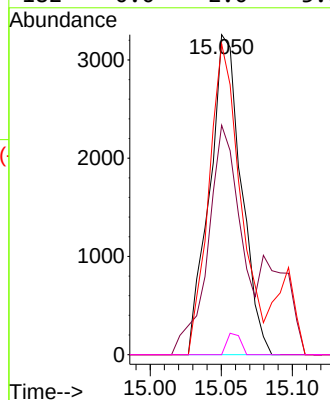
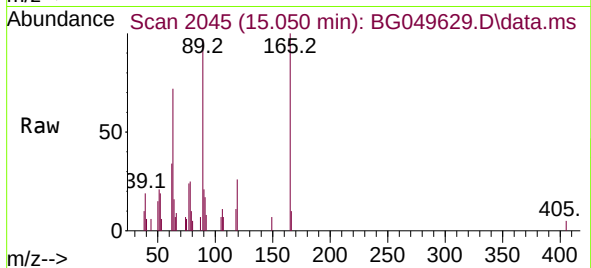




#57
2,4-Dinitrotoluene
Concen: 3.83 ng
RT: 15.050 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

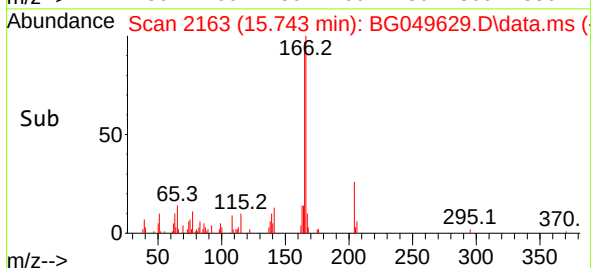
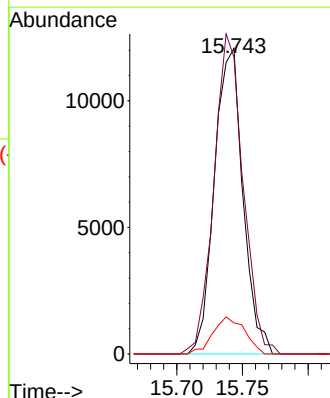
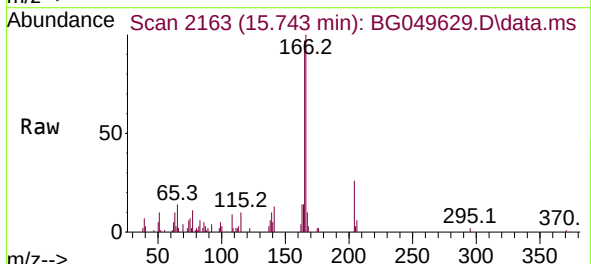
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

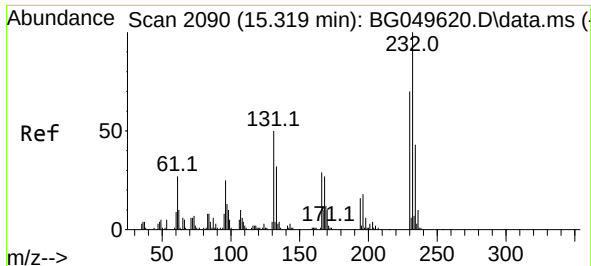
Tgt Ion:	165	Resp:	5062
Ion	Ratio	Lower	Upper
165	100		
63	71.7	48.0	72.0
89	97.1	65.4	98.0
182	0.0	2.0	3.0



#58
Fluorene
Concen: 4.49 ng
RT: 15.743 min Scan# 2163
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:	166	Resp:	18204
Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	10.2	10.8	16.2

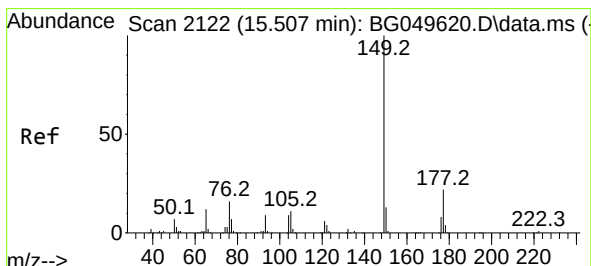
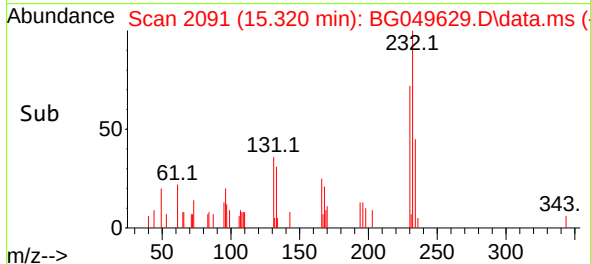
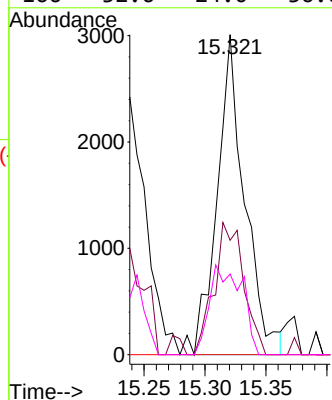
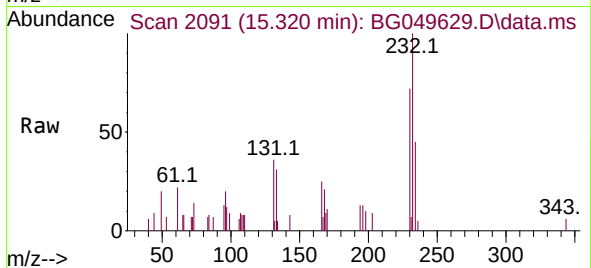




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.20 ng
RT: 15.320 min Scan# 2091
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

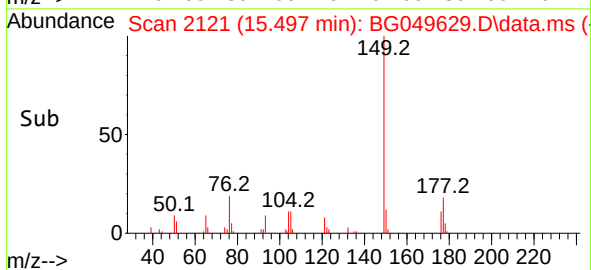
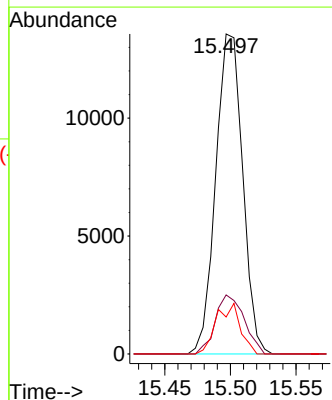
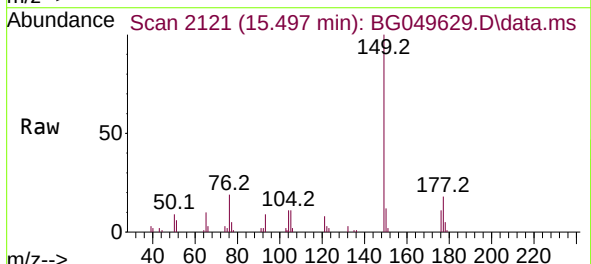
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

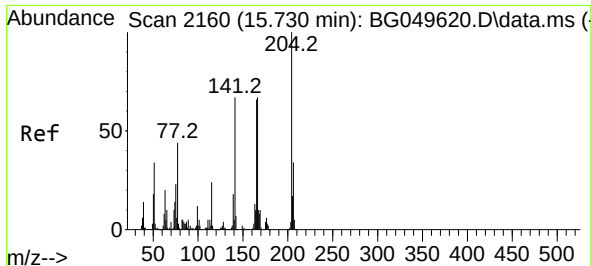
Tgt Ion:232	Resp:	4763
Ion Ratio	Lower	Upper
232	100	
131	44.1	37.2 55.8
130	0.0	2.8 4.2#
166	32.6	24.0 36.0



#60
Diethylphthalate
Concen: 4.50 ng
RT: 15.497 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:149	Resp:	19331
Ion Ratio	Lower	Upper
149	100	
177	18.5	19.0 28.6#
150	11.5	10.2 15.4

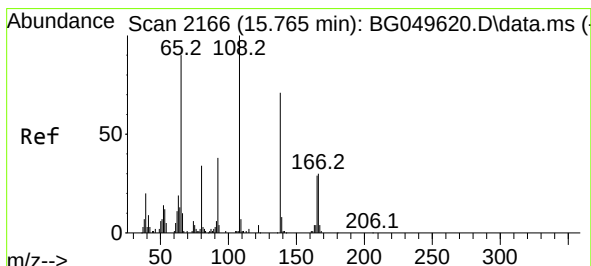
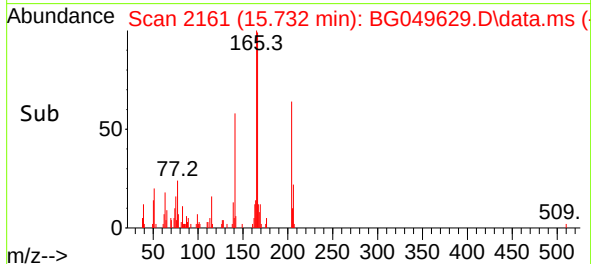
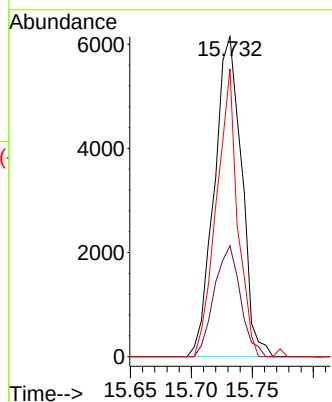
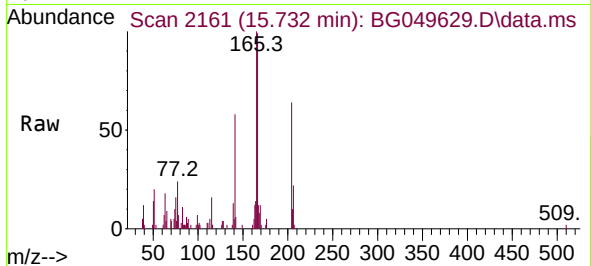




#61
4-Chlorophenyl-phenylether
Concen: 4.43 ng
RT: 15.732 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

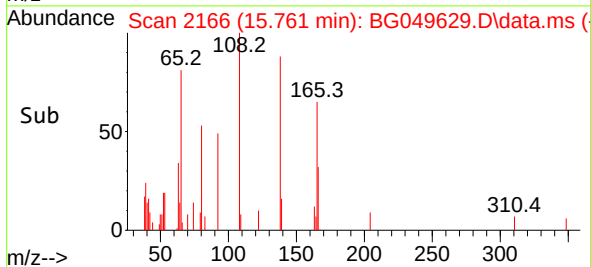
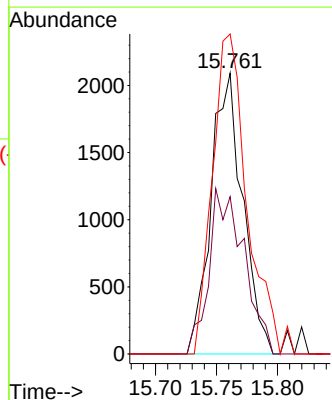
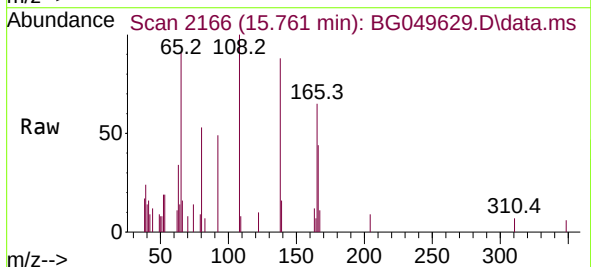
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

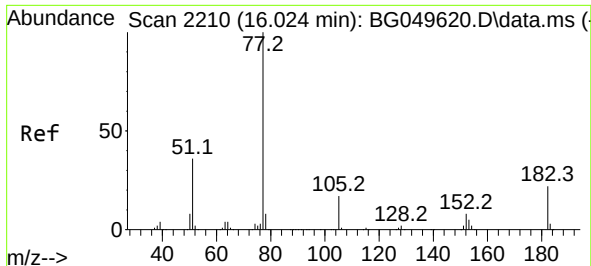
Tgt Ion:204 Resp: 9596
Ion Ratio Lower Upper
204 100
206 34.7 24.6 37.0
141 90.0 47.8 71.8#



#62
4-Nitroaniline
Concen: 4.01 ng
RT: 15.761 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:138 Resp: 3785
Ion Ratio Lower Upper
138 100
92 56.0 32.3 72.3
108 114.0 132.4 172.4#

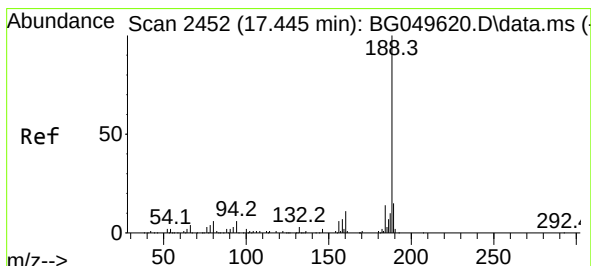
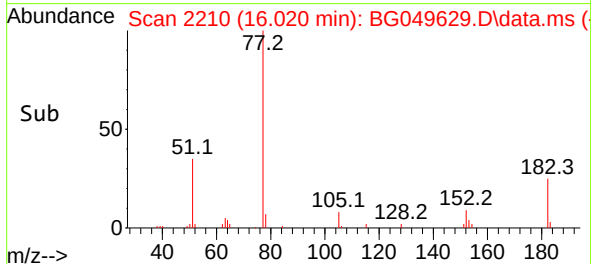
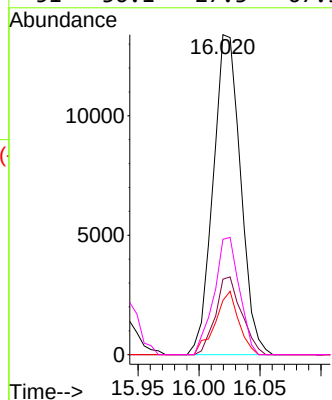
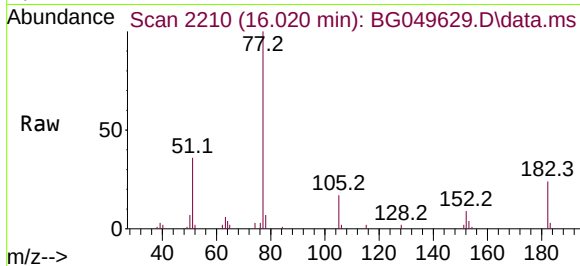




#63
Azobenzene
Concen: 4.60 ng
RT: 16.020 min Scan# 2210
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

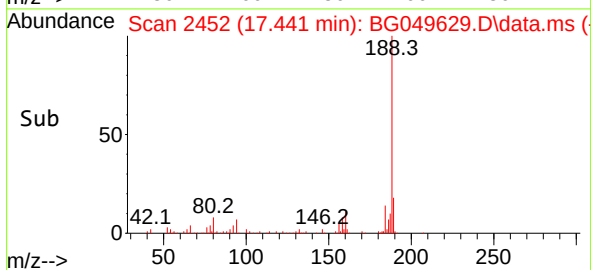
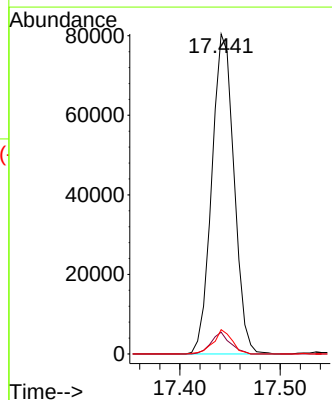
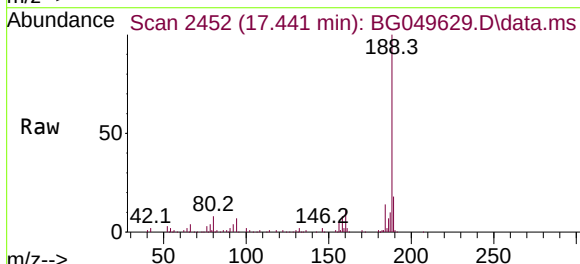
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

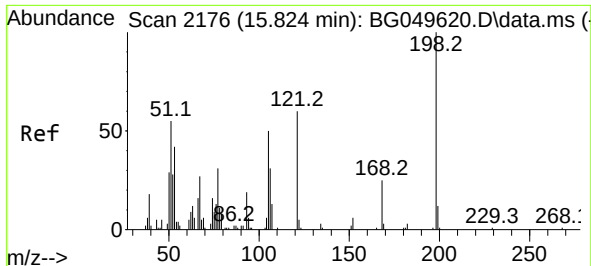
Tgt Ion:	77	Resp:	20945
Ion Ratio	Lower	Upper	
77	100		
182	23.6	7.9	47.9
105	16.9	0.0	37.9
51	36.1	27.3	67.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:	188	Resp:	123825
Ion Ratio	Lower	Upper	
188	100		
94	6.8	5.4	8.0
80	7.6	3.7	5.5

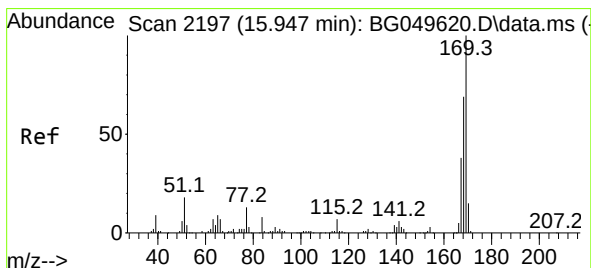
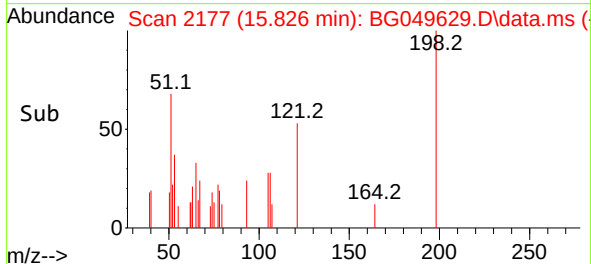
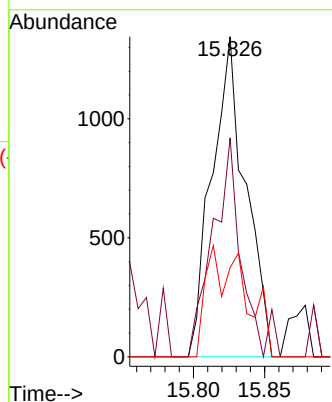
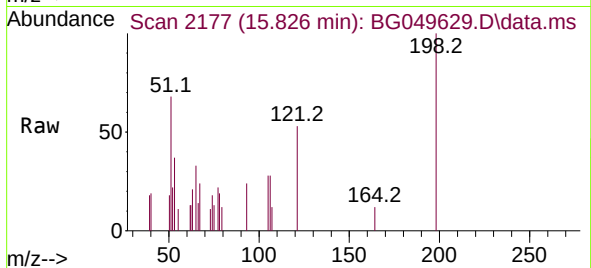




#65
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 15.826 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

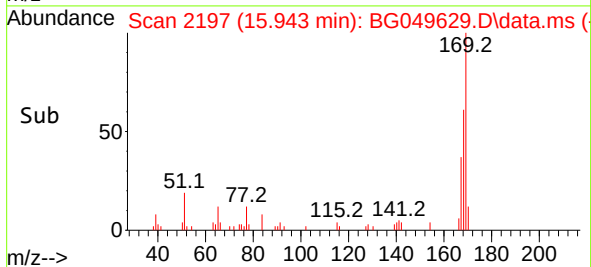
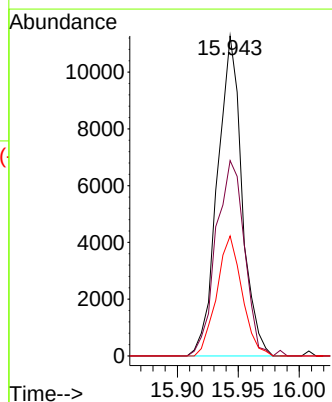
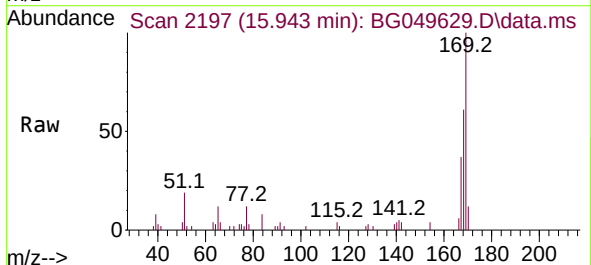
Instrument :
BNA_G
ClientSampleId :
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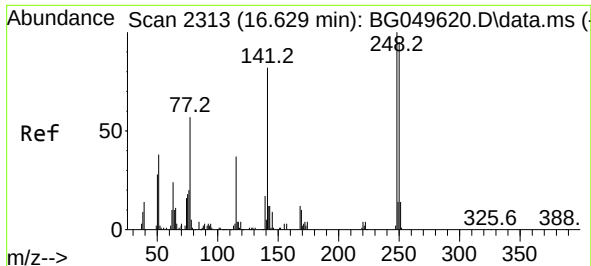
Tgt Ion:198 Resp: 2215
Ion Ratio Lower Upper
198 100
51 68.4 29.4 69.4
105 27.9 15.1 55.1



#66
n-Nitrosodiphenylamine
Concen: 4.51 ng
RT: 15.943 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:169 Resp: 15794
Ion Ratio Lower Upper
169 100
168 61.0 56.3 84.5
167 37.5 28.4 42.6

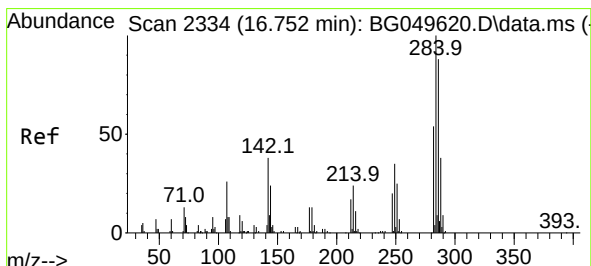
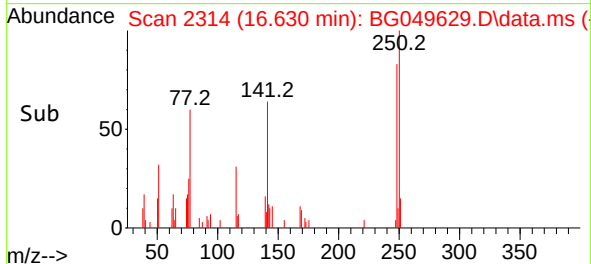
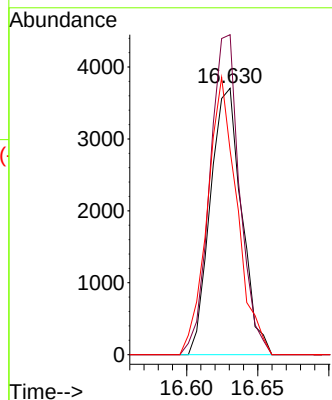
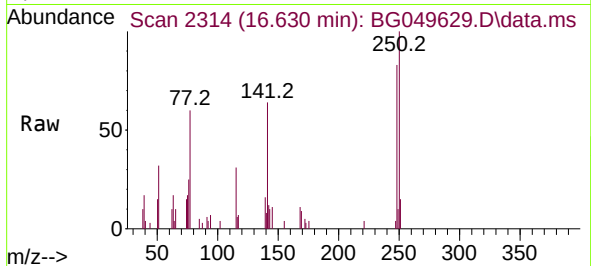




#67
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 16.630 min Scan# 2314
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

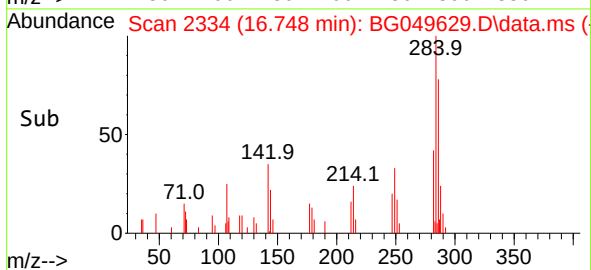
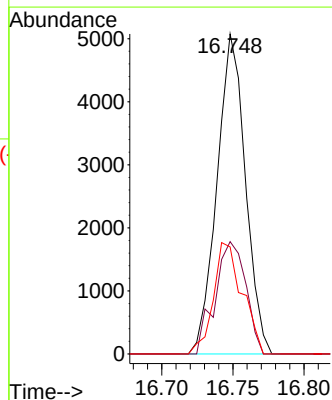
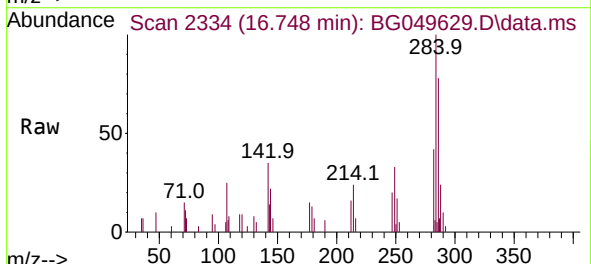
Instrument :
BNA_G
ClientSampleId :
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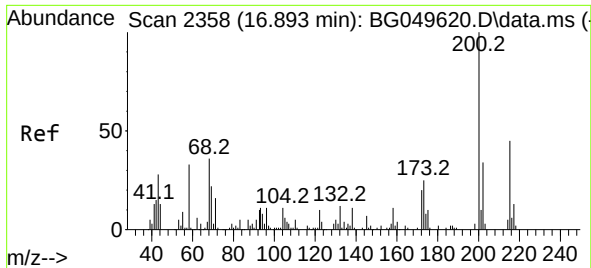
Tgt Ion:248 Resp: 5646
Ion Ratio Lower Upper
248 100
250 120.1 76.1 114.1#
141 76.7 65.4 98.2



#68
Hexachlorobenzene
Concen: 4.35 ng
RT: 16.748 min Scan# 2334
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:284 Resp: 7054
Ion Ratio Lower Upper
284 100
142 35.1 27.0 40.6
249 33.5 28.2 42.2

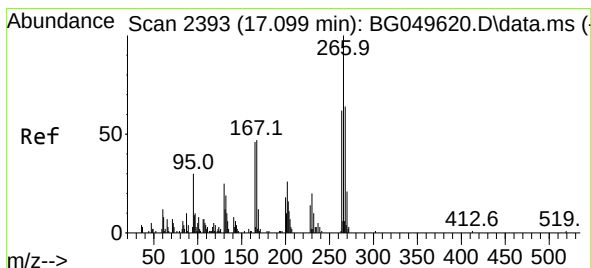
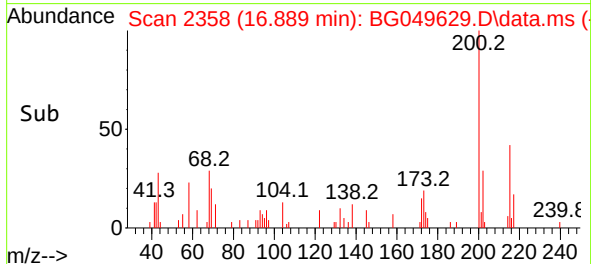
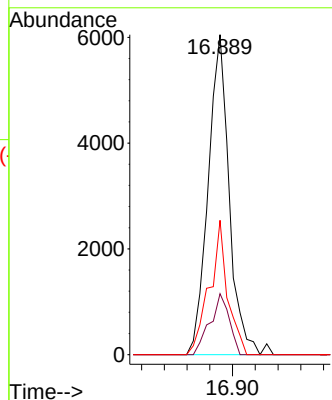
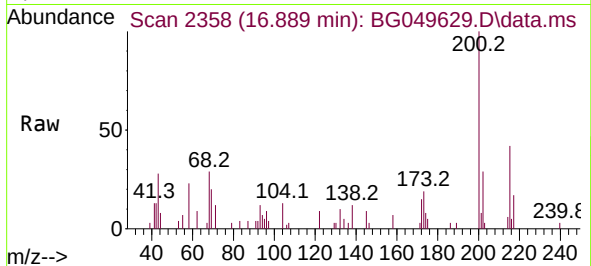




#69
Atrazine
Concen: 5.56 ng
RT: 16.889 min Scan# 2358
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

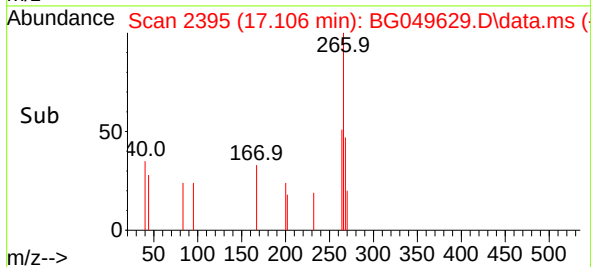
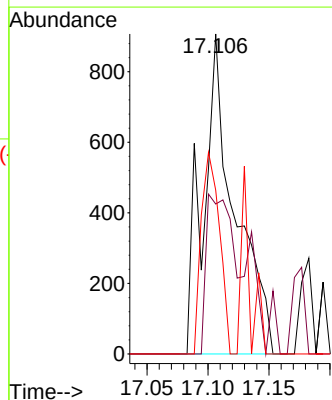
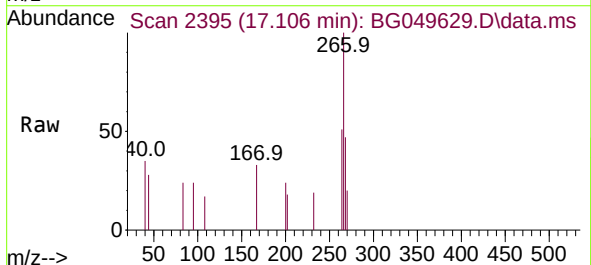
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

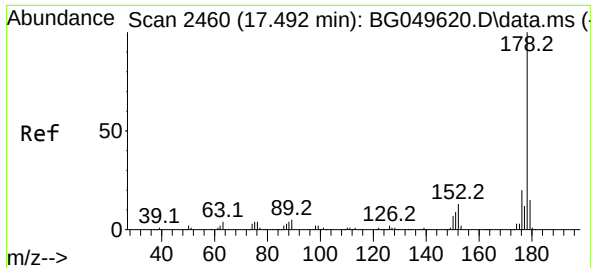
Tgt Ion:200 Resp: 7785
Ion Ratio Lower Upper
200 100
173 19.1 3.7 43.7
215 42.0 26.9 66.9



#70
Pentachlorophenol
Concen: 1.88 ng
RT: 17.106 min Scan# 2395
Delta R.T. 0.008 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:266 Resp: 1636
Ion Ratio Lower Upper
266 100
268 46.9 49.0 73.4#
264 51.2 49.0 73.6

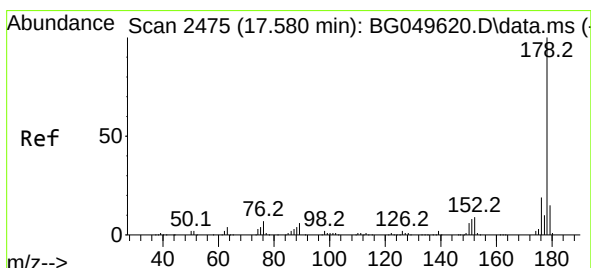
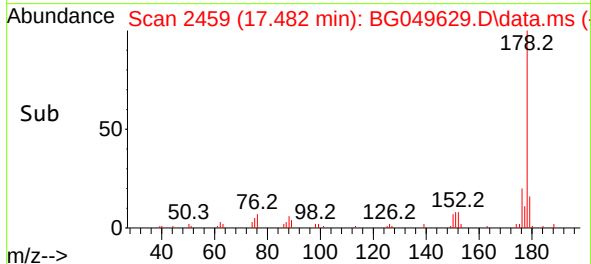
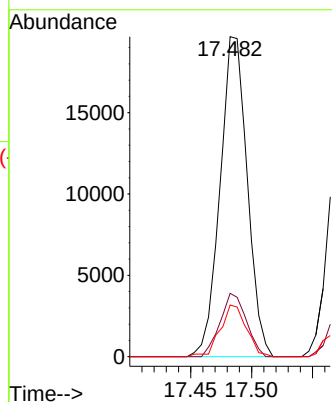
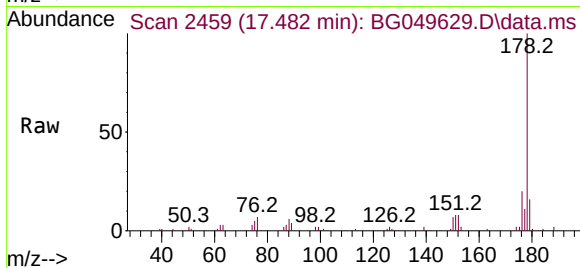




#71
Phenanthrene
Concen: 4.69 ng
RT: 17.482 min Scan# 2459
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

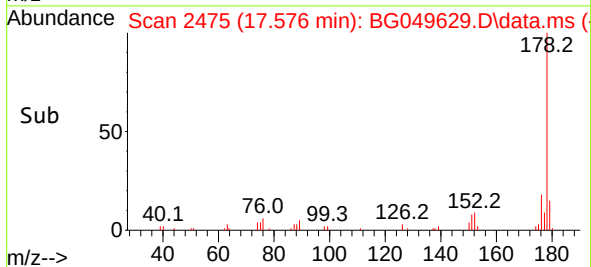
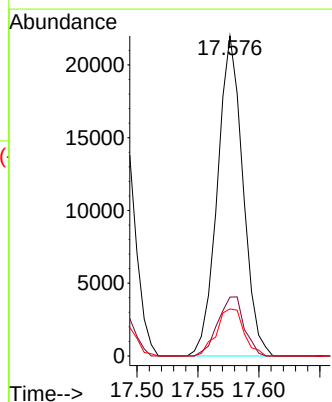
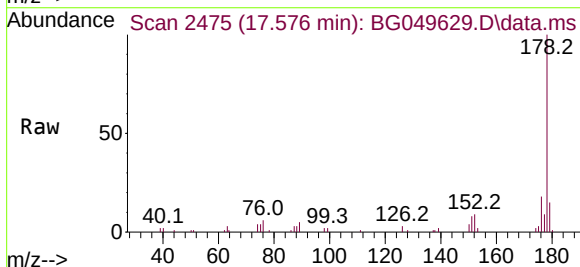
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

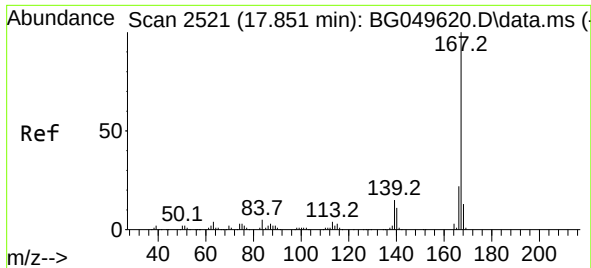
Tgt Ion:178	Resp:	30557
Ion Ratio	Lower	Upper
178	100	
176	19.8	16.0 24.0
179	16.2	14.2 21.4



#72
Anthracene
Concen: 4.99 ng
RT: 17.576 min Scan# 2475
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:178	Resp:	31923
Ion Ratio	Lower	Upper
178	100	
176	18.4	14.6 21.8
179	14.7	13.4 20.0

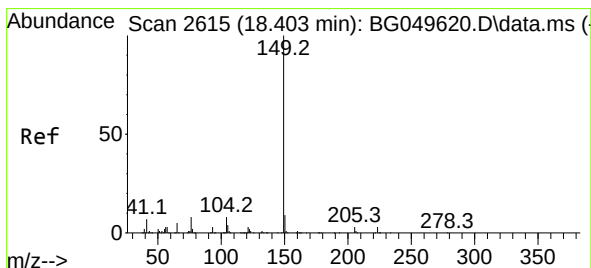
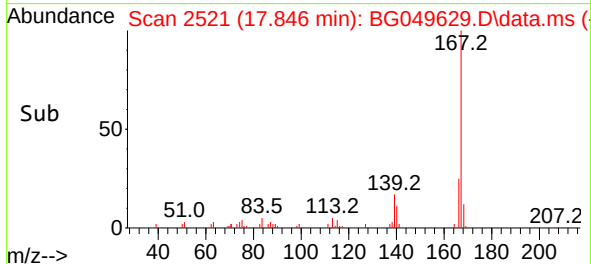
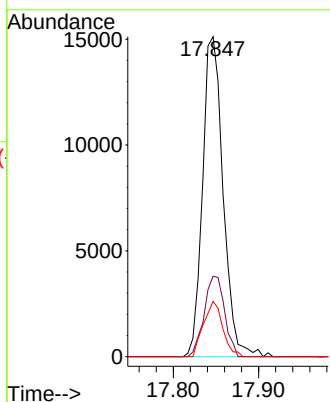
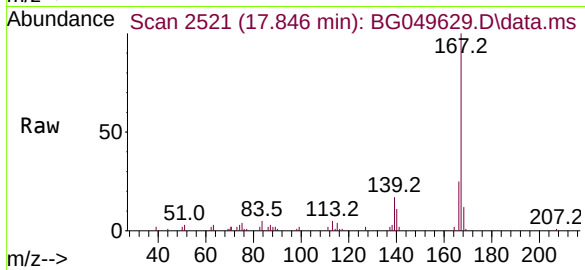




#73
 Carbazole
 Concen: 4.18 ng
 RT: 17.846 min Scan# 2521
 Delta R.T. -0.004 min
 Lab File: BG049629.D
 Acq: 3 Aug 2021 18:30

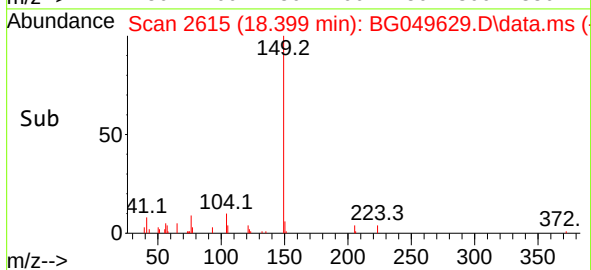
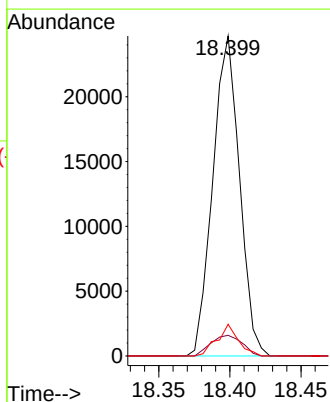
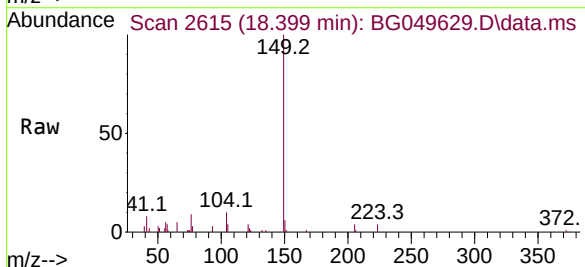
Instrument :
 BNA_G
 ClientSampleId :
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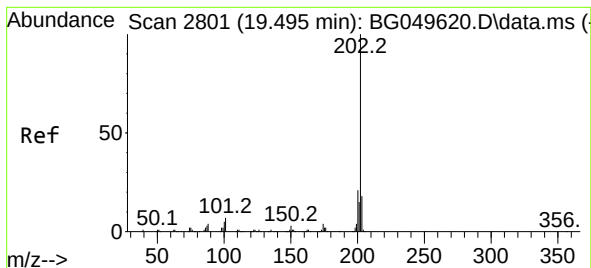
Tgt Ion:167 Resp: 25308
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.4 26.2
 139 17.2 10.7 16.1#



#74
 Di-n-butylphthalate
 Concen: 4.56 ng
 RT: 18.399 min Scan# 2615
 Delta R.T. -0.004 min
 Lab File: BG049629.D
 Acq: 3 Aug 2021 18:30

Tgt Ion:149 Resp: 32216
 Ion Ratio Lower Upper
 149 100
 150 6.5 7.5 11.3#
 104 9.9 6.6 10.0

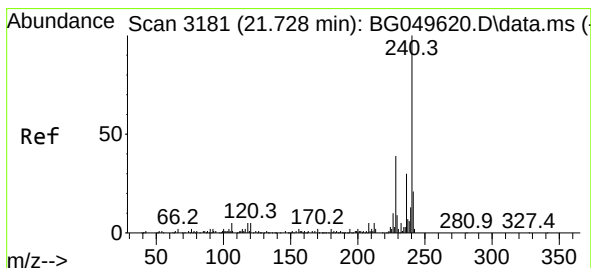
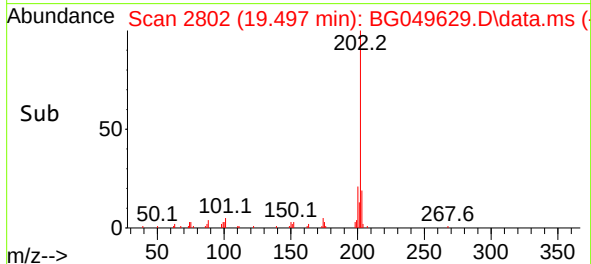
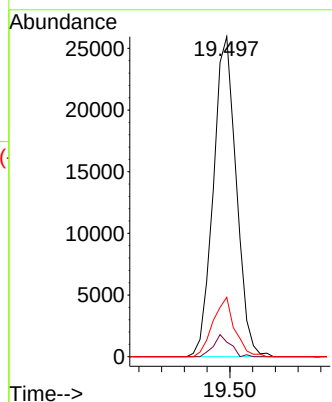
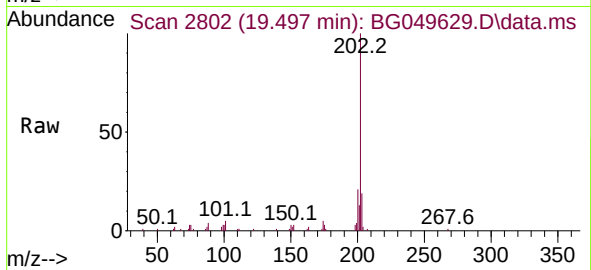




#75
Fluoranthene
Concen: 4.53 ng
RT: 19.497 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

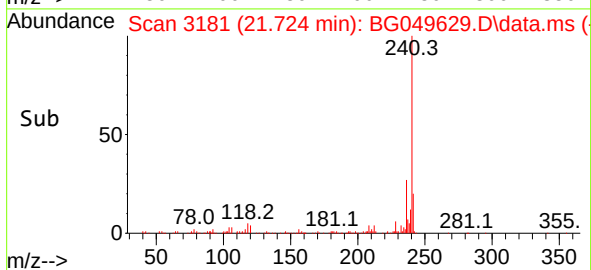
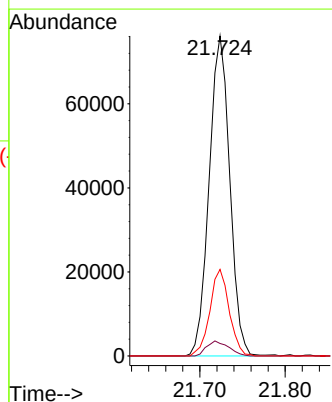
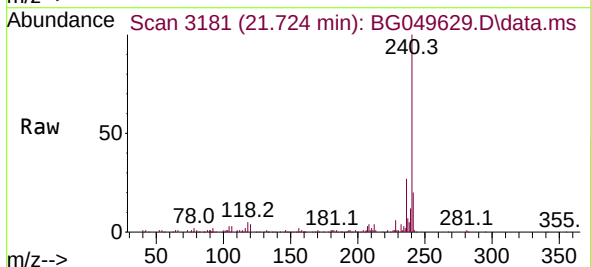
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BNA_G
ClientSampleId :
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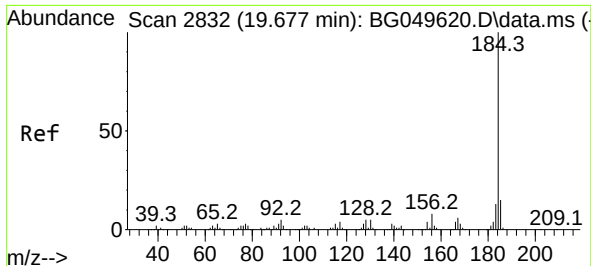
Tgt Ion:202 Resp: 36341
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.7
203 18.6 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:240 Resp: 128175
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 27.1 21.8 32.6

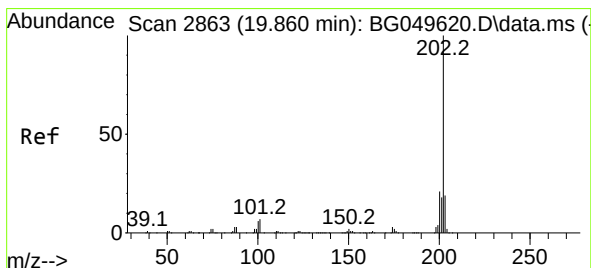
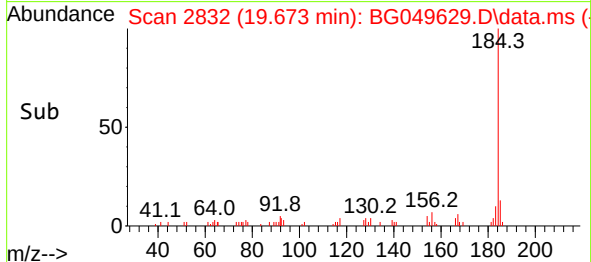
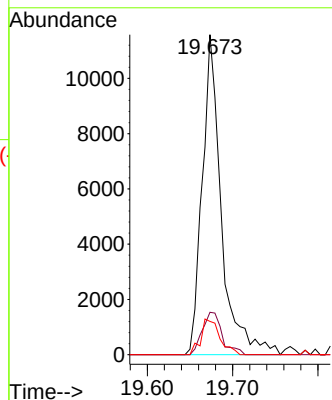
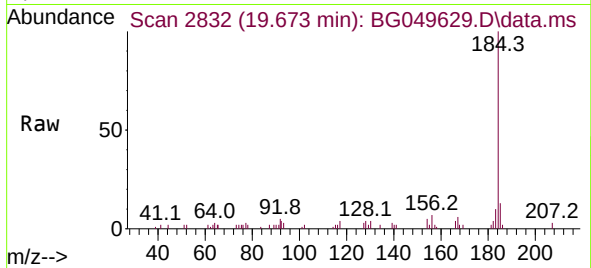




#77
Benzidine
Concen: 5.50 ng
RT: 19.673 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

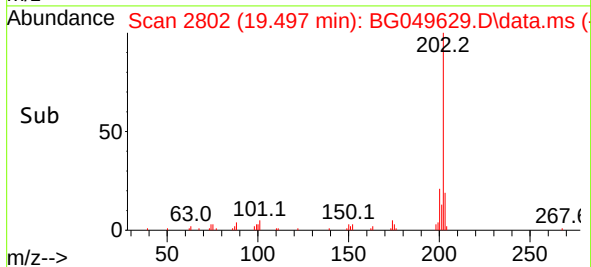
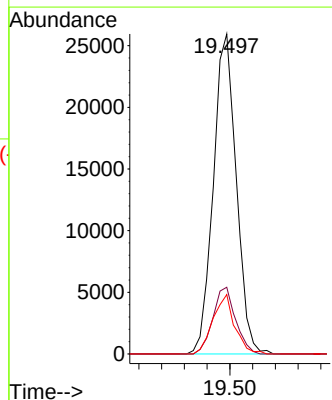
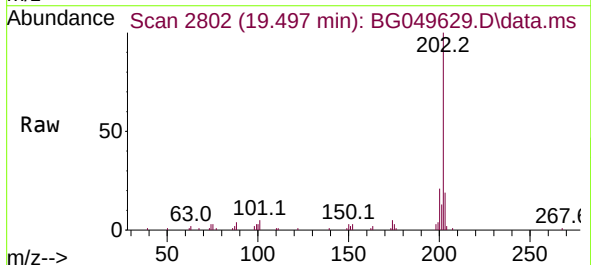
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

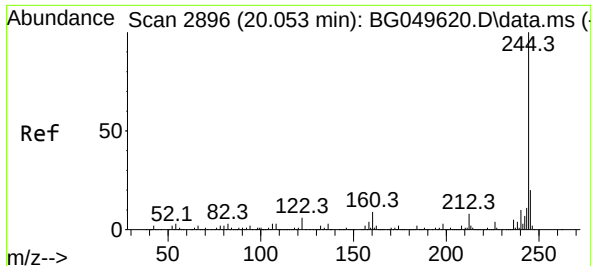
Tgt Ion:184 Resp: 18076
Ion Ratio Lower Upper
184 100
185 13.3 10.7 16.1
183 10.4 9.4 14.0



#78
Pyrene
Concen: 4.16 ng
RT: 19.497 min Scan# 2802
Delta R.T. -0.362 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:202 Resp: 36341
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 18.6 14.6 21.8

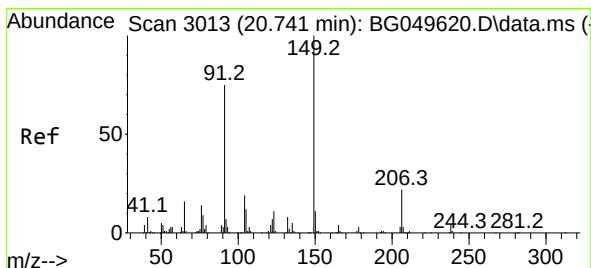
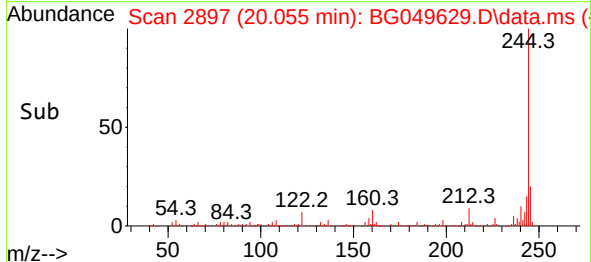
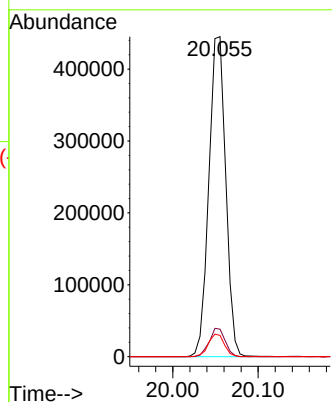
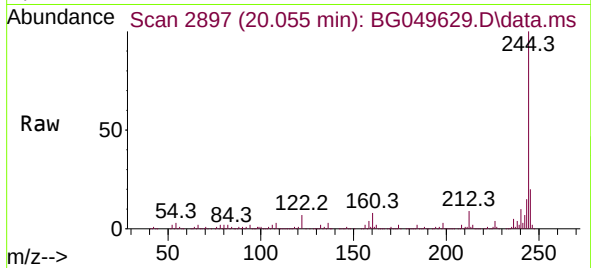




#79
 Terphenyl-d14
 Concen: 86.60 ng
 RT: 20.055 min Scan# 2897
 Delta R.T. 0.002 min
 Lab File: BG049629.D
 Acq: 3 Aug 2021 18:30

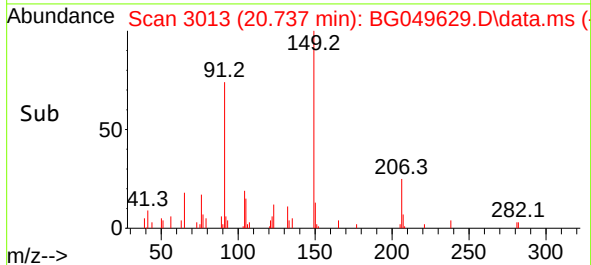
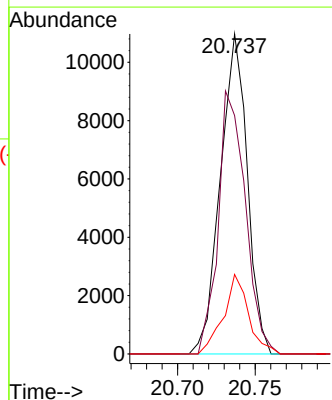
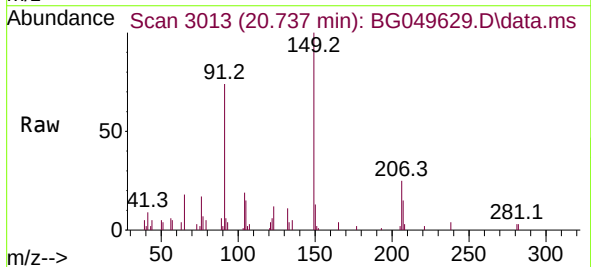
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

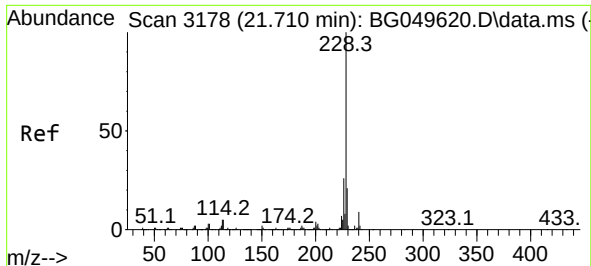
Tgt Ion:244 Resp: 611175
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 6.7 5.0 7.6



#80
 Butylbenzylphthalate
 Concen: 3.98 ng
 RT: 20.737 min Scan# 3013
 Delta R.T. -0.004 min
 Lab File: BG049629.D
 Acq: 3 Aug 2021 18:30

Tgt Ion:149 Resp: 13231
 Ion Ratio Lower Upper
 149 100
 91 74.5 63.4 95.2
 206 24.8 18.4 27.6

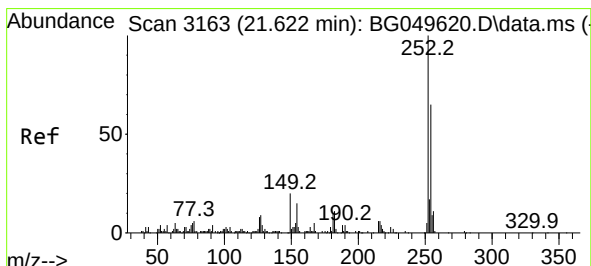
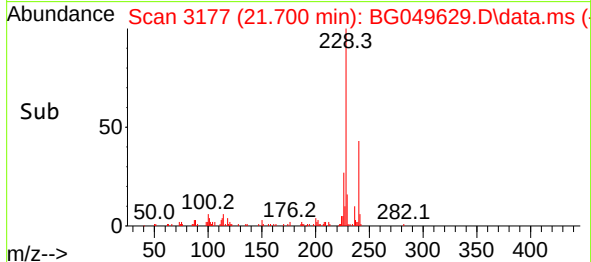
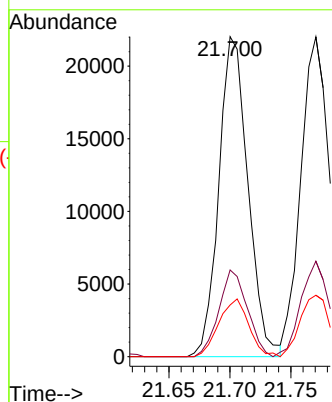
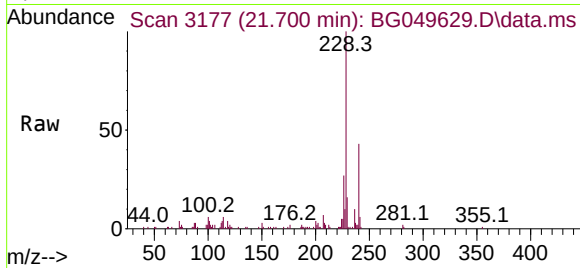




#81
Benzo(a)anthracene
Concen: 4.39 ng
RT: 21.700 min Scan# 3177
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

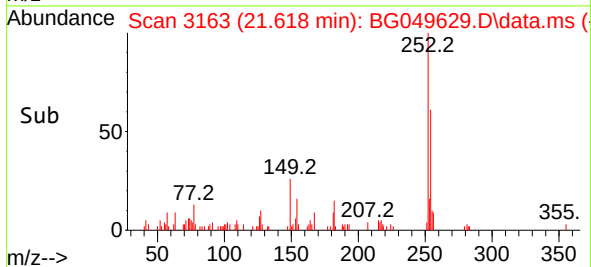
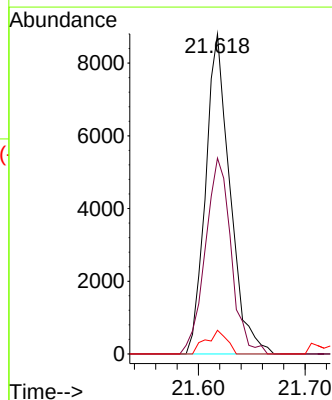
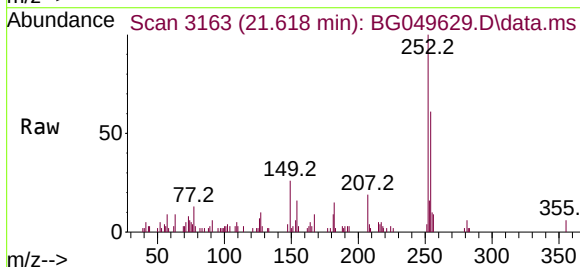
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

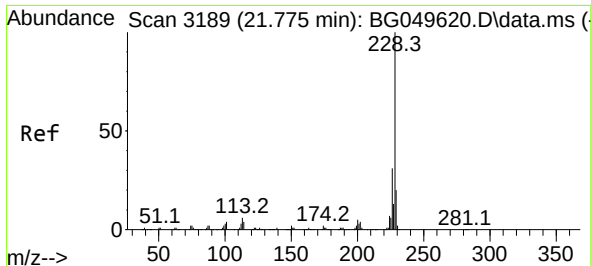
Tgt Ion:	228	Resp:	36682
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.7	34.1
229	16.1	16.0	24.0



#82
3,3'-Dichlorobenzidine
Concen: 5.74 ng
RT: 21.618 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:	252	Resp:	13996
Ion Ratio	Lower	Upper	
252	100		
254	61.2	52.4	78.6
126	7.4	5.9	8.9

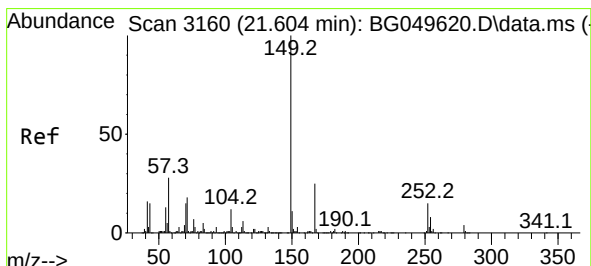
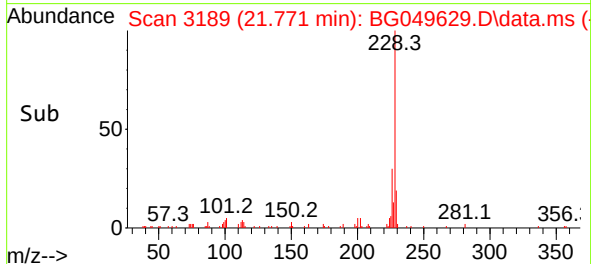
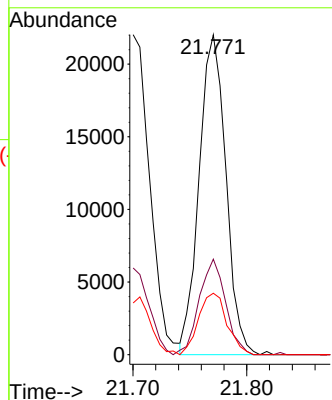
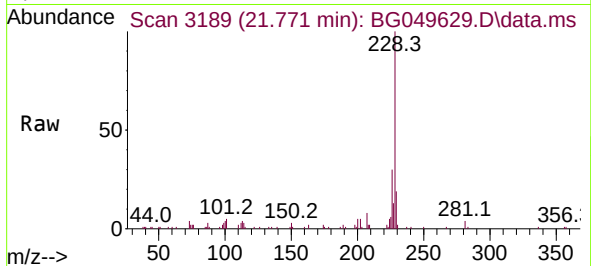




#83
Chrysene
Concen: 4.51 ng
RT: 21.771 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

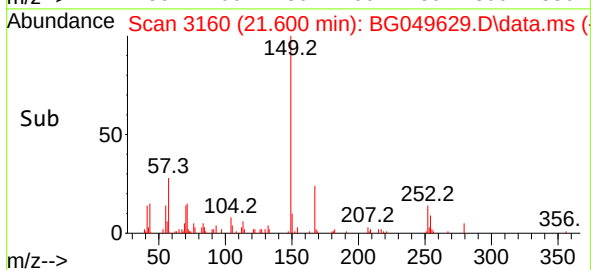
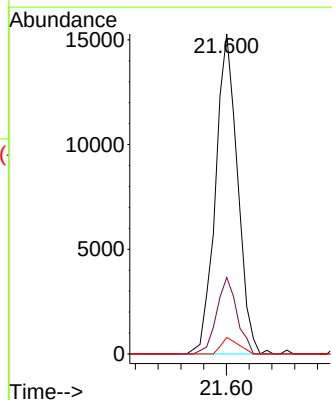
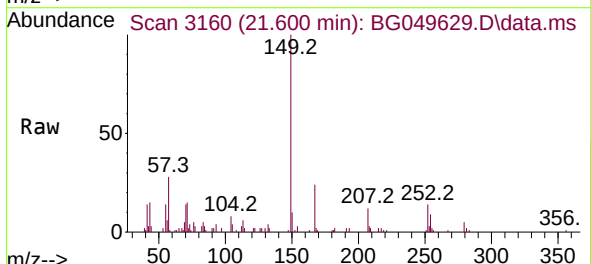
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

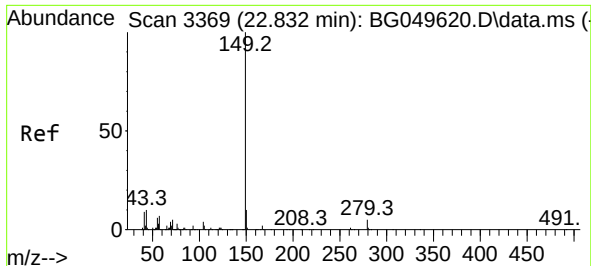
Tgt Ion:228 Resp: 36000
Ion Ratio Lower Upper
228 100
226 29.9 23.1 34.7
229 19.2 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.36 ng
RT: 21.600 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:149 Resp: 20529
Ion Ratio Lower Upper
149 100
167 23.9 22.3 33.5
279 5.2 3.8 5.8

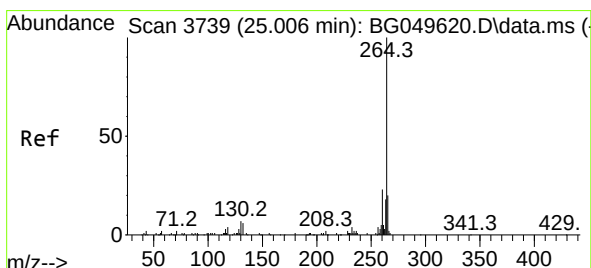
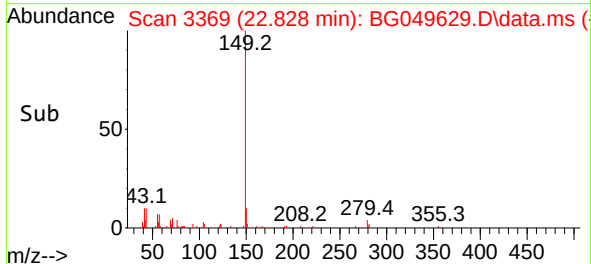
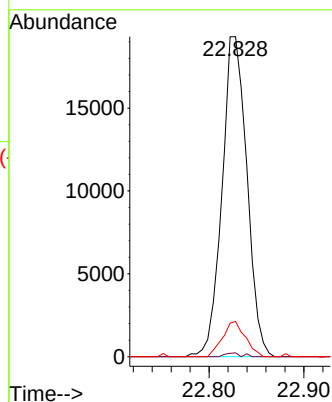
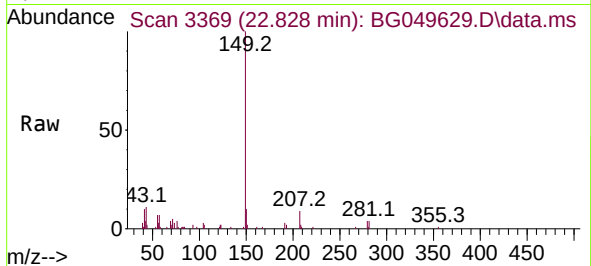




#85
Di-n-octyl phthalate
Concen: 4.43 ng
RT: 22.828 min Scan# 3369
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

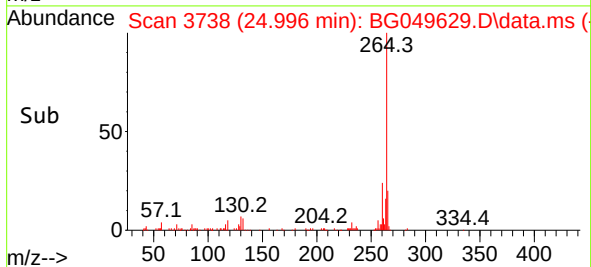
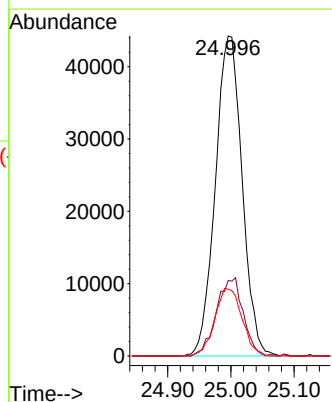
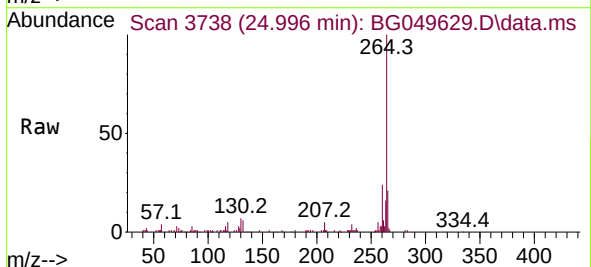
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

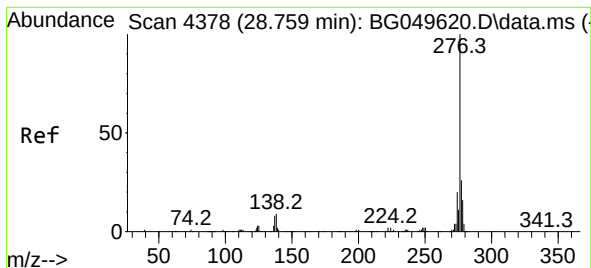
Tgt Ion:149 Resp: 35265
Ion Ratio Lower Upper
149 100
167 0.8 1.4 2.2#
43 10.0 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.996 min Scan# 3738
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:264 Resp: 130332
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.9 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.82 ng

RT: 28.744 min Scan# 4376

Delta R.T. -0.016 min

Lab File: BG049629.D

Acq: 3 Aug 2021 18:30

Tgt Ion:276 Resp: 45260

Ion Ratio Lower Upper

276 100

138 1.6 5.1 7.7#

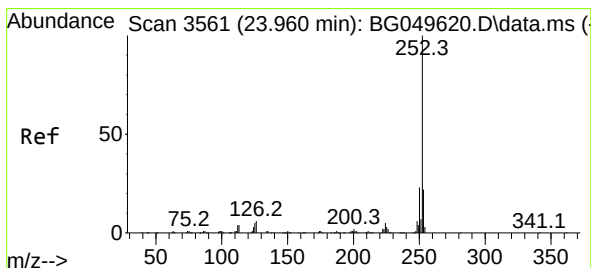
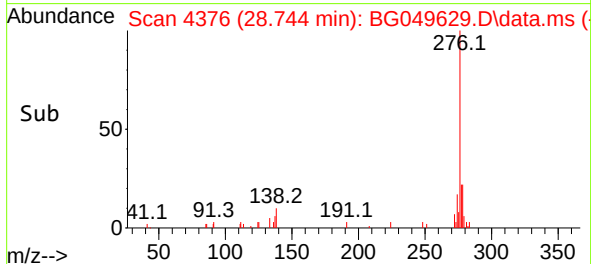
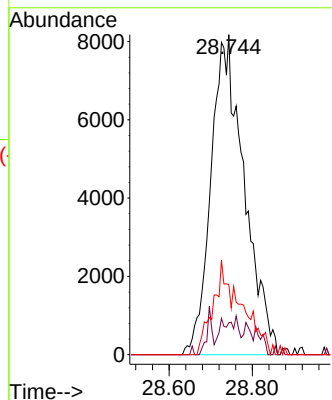
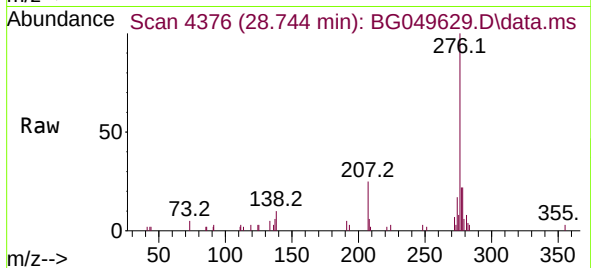
277 13.9 19.8 29.6#

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2021



#88

Benzo(b)fluoranthene

Concen: 4.42 ng

RT: 23.950 min Scan# 3560

Delta R.T. -0.010 min

Lab File: BG049629.D

Acq: 3 Aug 2021 18:30

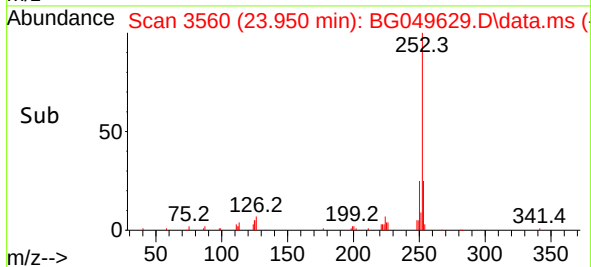
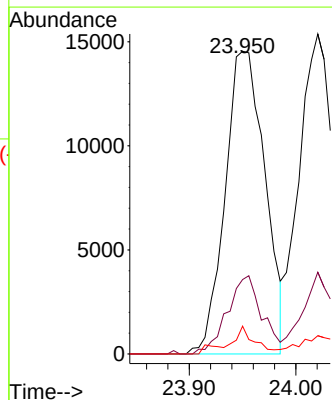
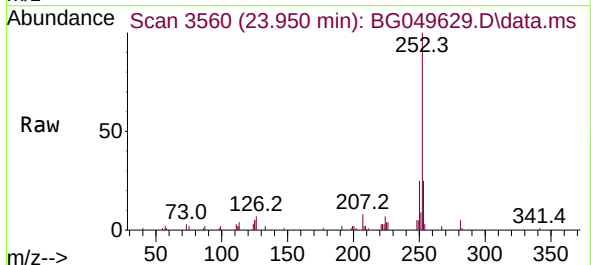
Tgt Ion:252 Resp: 37782

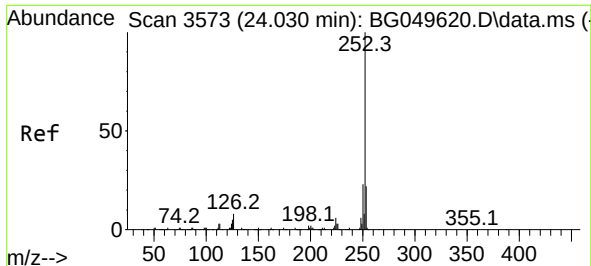
Ion Ratio Lower Upper

252 100

253 24.6 16.2 24.4#

125 9.2 3.0 4.4#

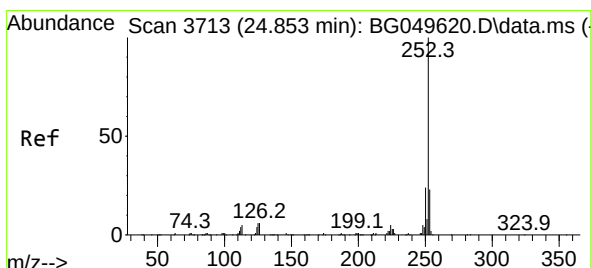
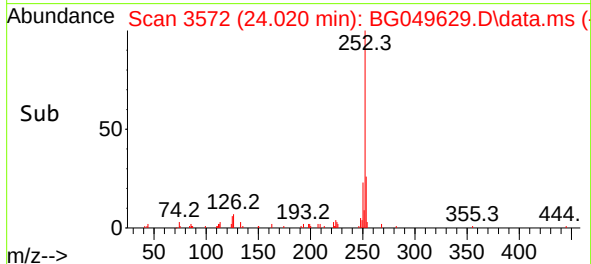
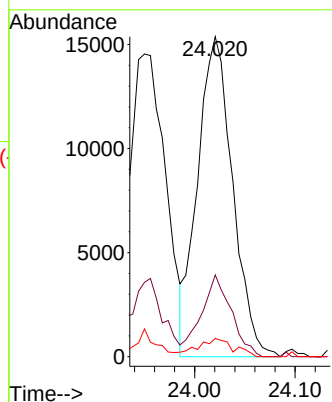
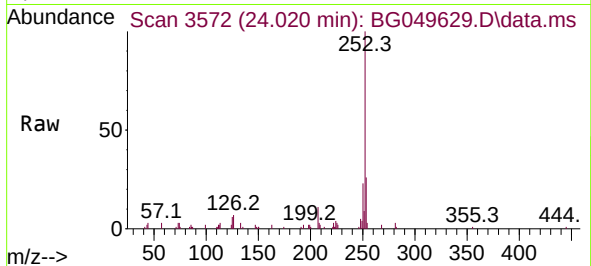




#89
Benzo(k)fluoranthene
Concen: 4.68 ng
RT: 24.020 min Scan# 3572
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

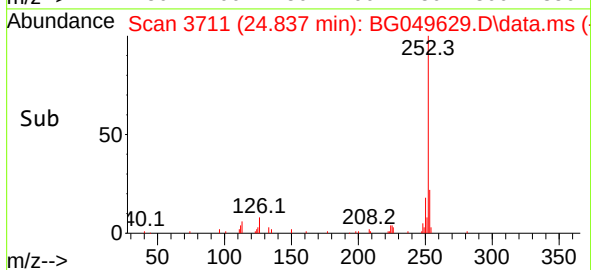
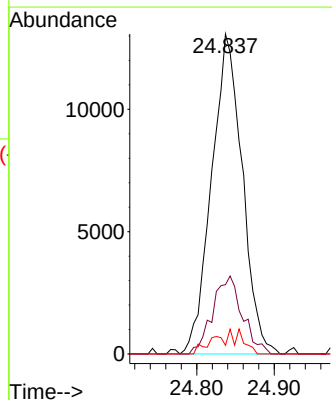
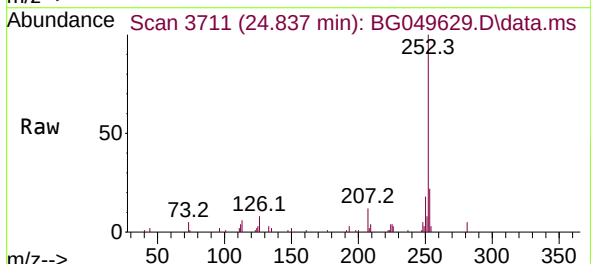
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

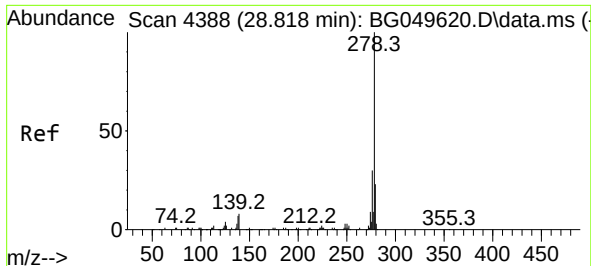
Tgt Ion:252 Resp: 37292
Ion Ratio Lower Upper
252 100
253 25.6 18.0 27.0
125 5.7 3.1 4.7#



#90
Benzo(a)pyrene
Concen: 4.65 ng
RT: 24.837 min Scan# 3711
Delta R.T. -0.016 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:252 Resp: 35986
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 2.7 3.5 5.3#

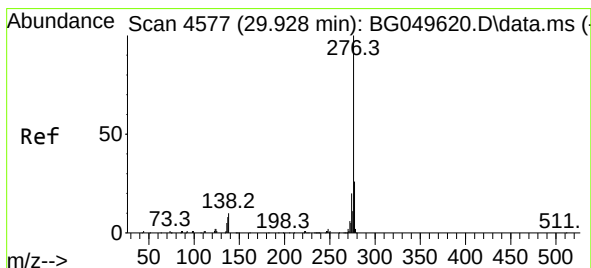
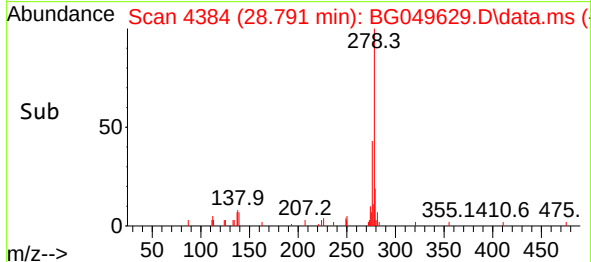
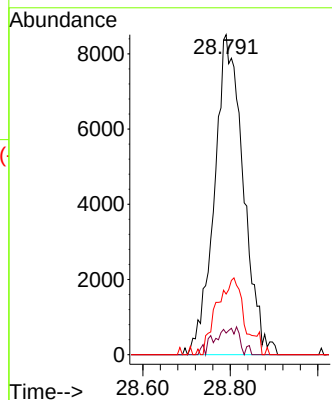
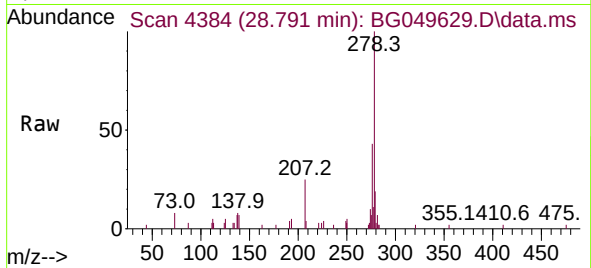




#91
Dibenzo(a,h)anthracene
Concen: 4.94 ng
RT: 28.791 min Scan# 4384
Delta R.T. -0.027 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

Tgt Ion:278 Resp: 39103
Ion Ratio Lower Upper
278 100
139 6.8 4.6 6.8
279 19.0 17.9 26.9



#92
Benzo(g,h,i)perylene
Concen: 5.15 ng
RT: 29.901 min Scan# 4573
Delta R.T. -0.028 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:276 Resp: 39959
Ion Ratio Lower Upper
276 100
277 27.2 18.4 27.6
138 6.2 7.0 10.6#

