

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

Manual Integrations
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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	20.000	ng	0.00
21) Naphthalene-d8	10.862	136	78576	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	56654	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	123825	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	128175	20.000	ng	# 0.00
86) Perylene-d12	24.996	264	130332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	136107	134.221	ng	0.00
7) Phenol-d6	7.196	99	204193	133.024	ng	0.00
23) Nitrobenzene-d5	9.211	82	136812	77.048	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	104369	125.332	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	303230	77.880	ng	0.00
79) Terphenyl-d14	20.055	244	611175	86.602	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.460	88	2923	6.596	ng	# 78
3) Pyridine	3.895	79	4634m	3.815	ng	
4) n-Nitrosodimethylamine	3.795	42	2417	3.700	ng	# 87
6) Aniline	7.361	93	8840	5.434	ng	# 88
8) 2-Chlorophenol	7.602	128	5270	4.767	ng	# 79
9) Benzaldehyde	7.179	77	6447	6.294	ng	85
10) Phenol	7.220	94	7643	5.139	ng	96
11) bis(2-Chloroethyl)ether	7.461	93	5025	5.004	ng	# 76
12) 1,3-Dichlorobenzene	7.925	146	6504m	5.137	ng	
13) 1,4-Dichlorobenzene	8.072	146	6775	5.286	ng	90
14) 1,2-Dichlorobenzene	8.400	146	6242m	5.141	ng	
15) Benzyl Alcohol	8.283	79	6098	4.730	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.577	45	5897	5.168	ng	96
17) 2-Methylphenol	8.489	107	4716	4.815	ng	# 83
18) Hexachloroethane	9.135	117	2835	5.754	ng	# 64
19) n-Nitroso-di-n-propyla...	8.841	70	4865	4.736	ng	# 84
20) 3+4-Methylphenols	8.812	107	6654	4.837	ng	84
22) Acetophenone	8.865	105	8922	4.179	ng	# 89
24) Nitrobenzene	9.258	77	7800	4.163	ng	100
25) Isophorone	9.775	82	13118	4.140	ng	94
26) 2-Nitrophenol	9.969	139	3184	4.453	ng	# 64
27) 2,4-Dimethylphenol	10.028	122	4743	4.488	ng	# 84
28) bis(2-Chloroethoxy)met...	10.263	93	7258	5.236	ng	# 82
29) 2,4-Dichlorophenol	10.515	162	4685	3.612	ng	87
30) 1,2,4-Trichlorobenzene	10.727	180	6361	4.454	ng	95
31) Naphthalene	10.909	128	18788	4.566	ng	# 94
32) Benzoic acid	10.227	122	497m	0.727	ng	
33) 4-Chloroaniline	11.032	127	7437	4.578	ng	# 91
34) Hexachlorobutadiene	11.197	225	4622	4.454	ng	# 81
35) Caprolactam	11.790	113	1824	4.552	ng	92
36) 4-Chloro-3-methylphenol	12.142	107	6662	4.447	ng	# 89
37) 2-Methylnaphthalene	12.524	142	13852	4.468	ng	95
38) 1-Methylnaphthalene	12.742	142	12728	4.369	ng	92
40) 1,2,4,5-Tetrachloroben...	12.889	216	8023	4.806	ng	91
41) Hexachlorocyclopentadiene	12.865	237	2543	3.689	ng	85
43) 2,4,6-Trichlorophenol	13.129	196	4609	4.095	ng	# 94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	5219	4.275	ng	# 91
46) 1,1'-Biphenyl	13.523	154	18485	4.581	ng	99
47) 2-Chloronaphthalene	13.570	162	14644	4.544	ng	# 87
48) 2-Nitroaniline	13.776	65	4643	3.923	ng	90
49) Acenaphthylene	14.410	152	23812	4.662	ng	97
50) Dimethylphthalate	14.140	163	19624	4.591	ng	# 93
51) 2,6-Dinitrotoluene	14.257	165	3874	4.116	ng	92
52) Acenaphthene	14.757	154	13325	4.330	ng	94
53) 3-Nitroaniline	14.598	138	3539	3.856	ng	100
54) 2,4-Dinitrophenol	14.815	184	640	1.198	ng	# 52
55) Dibenzofuran	15.091	168	22386	4.485	ng	# 91
56) 4-Nitrophenol	14.903	139	2242	3.344	ng	# 51
57) 2,4-Dinitrotoluene	15.050	165	5062	3.830	ng	# 84
58) Fluorene	15.743	166	18204	4.487	ng	# 99
59) 2,3,4,6-Tetrachlorophenol	15.320	232	4763	4.200	ng	# 96
60) Diethylphthalate	15.497	149	19331	4.497	ng	# 92
61) 4-Chlorophenyl-phenyle...	15.732	204	9596	4.431	ng	# 71
62) 4-Nitroaniline	15.761	138	3785	4.009	ng	# 76
63) Azobenzene	16.020	77	20945	4.603	ng	89
65) 4,6-Dinitro-2-methylph...	15.826	198	2215	2.783	ng	79
66) n-Nitrosodiphenylamine	15.943	169	15794	4.514	ng	91
67) 4-Bromophenyl-phenylether	16.630	248	5646	3.872	ng	# 84
68) Hexachlorobenzene	16.748	284	7054	4.354	ng	97
69) Atrazine	16.889	200	7785	5.562	ng	92
70) Pentachlorophenol	17.106	266	1636	1.883	ng	# 84
71) Phenanthrene	17.482	178	30557	4.691	ng	98
72) Anthracene	17.576	178	31923	4.990	ng	98
73) Carbazole	17.846	167	25308	4.177	ng	# 92
74) Di-n-butylphthalate	18.399	149	32216	4.561	ng	# 94
75) Fluoranthene	19.497	202	36341	4.533	ng	100
77) Benzidine	19.673	184	18076	5.504	ng	98
78) Pyrene	19.856	202	38000m	4.349	ng	
80) Butylbenzylphthalate	20.737	149	13231	3.976	ng	95
81) Benzo(a)anthracene	21.700	228	36682	4.394	ng	95
82) 3,3'-Dichlorobenzidine	21.618	252	13996	5.743	ng	95
83) Chrysene	21.771	228	36000	4.512	ng	99
84) Bis(2-ethylhexyl)phtha...	21.600	149	20529	4.358	ng	93
85) Di-n-octyl phthalate	22.828	149	35265	4.431	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.744	276	45260	4.815	ng	# 80
88) Benzo(b)fluoranthene	23.950	252	37782	4.420	ng	# 90
89) Benzo(k)fluoranthene	24.020	252	37292	4.677	ng	# 94
90) Benzo(a)pyrene	24.837	252	35986	4.652	ng	# 98
91) Dibenzo(a,h)anthracene	28.791	278	39103	4.937	ng	94
92) Benzo(g,h,i)perylene	29.901	276	39959	5.150	ng	# 92

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

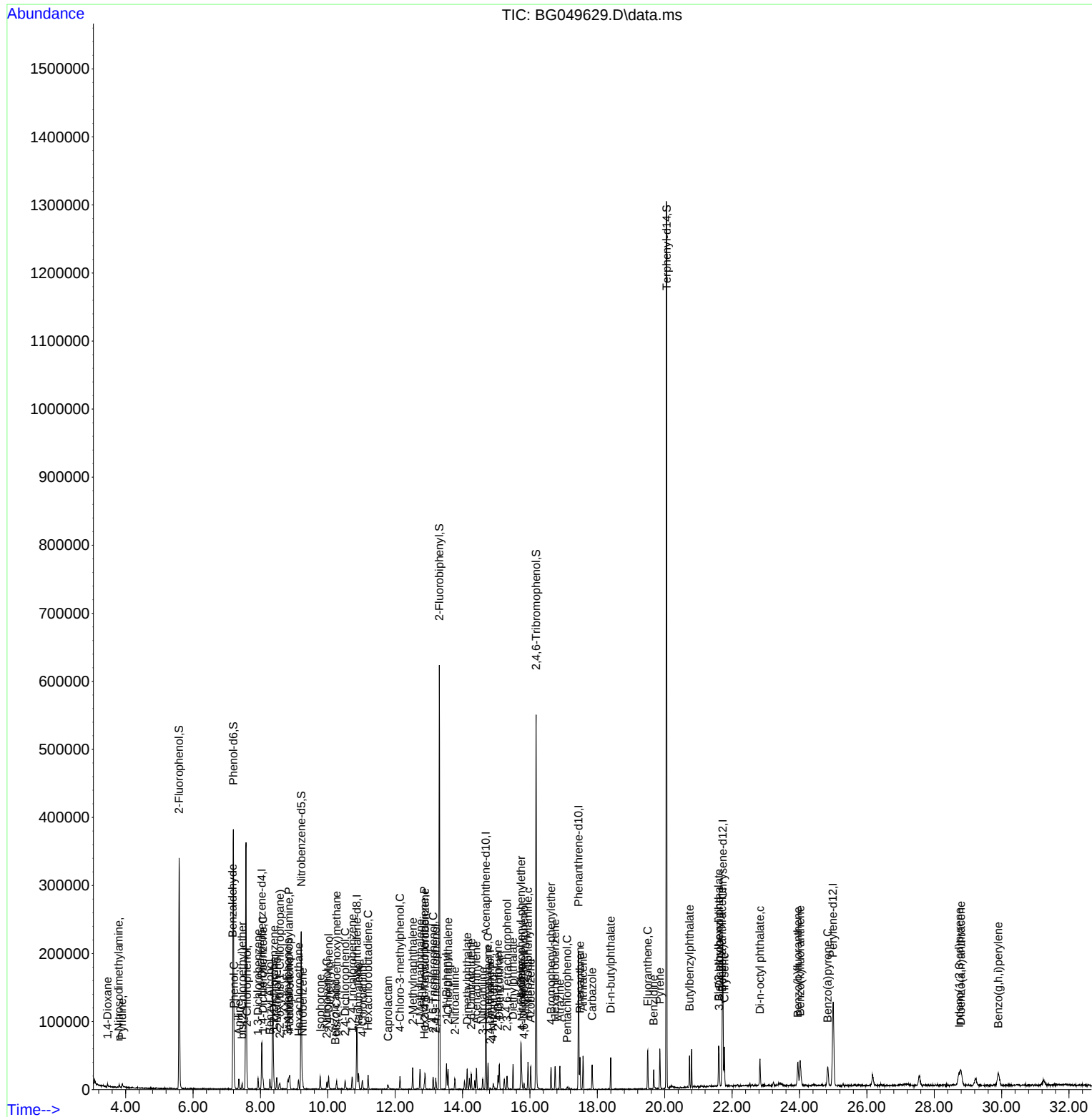
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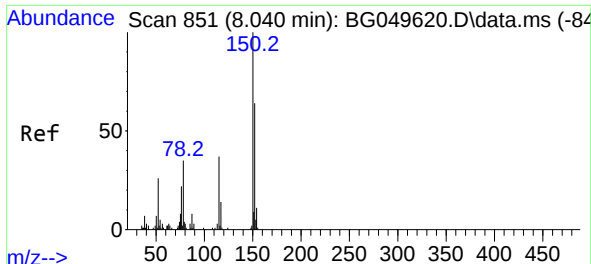
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ClientSampleId :
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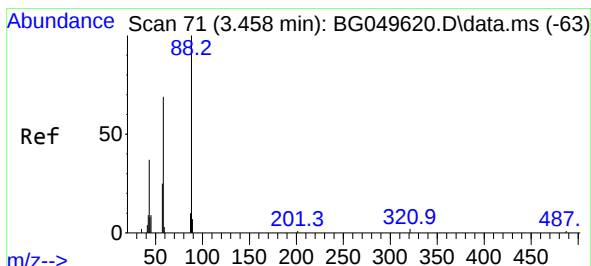
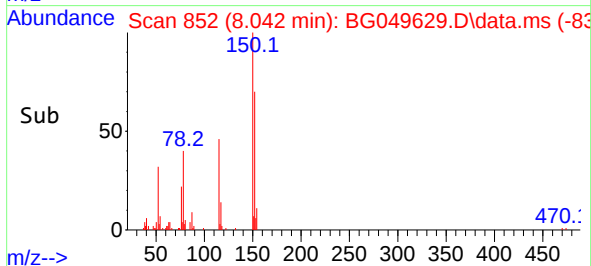
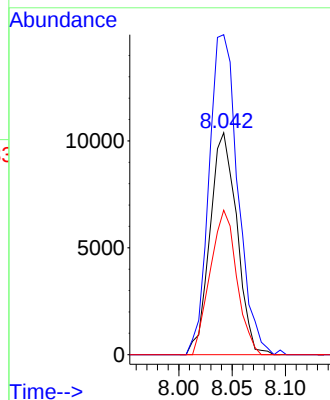
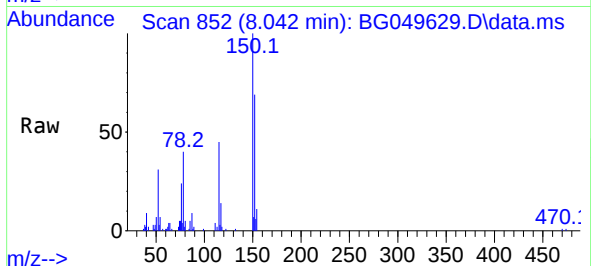
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.042 min Scan# 852
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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

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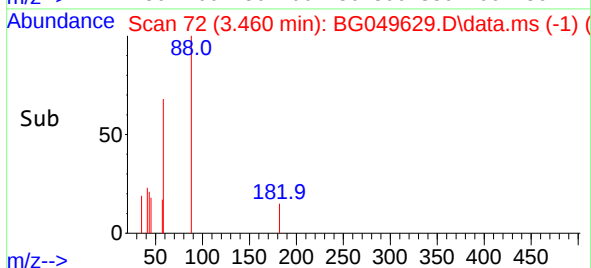
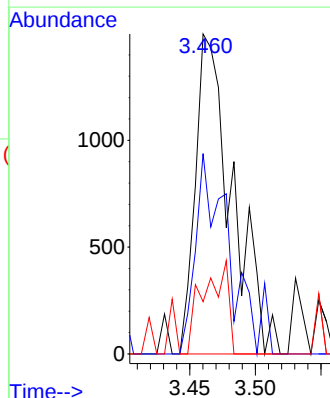
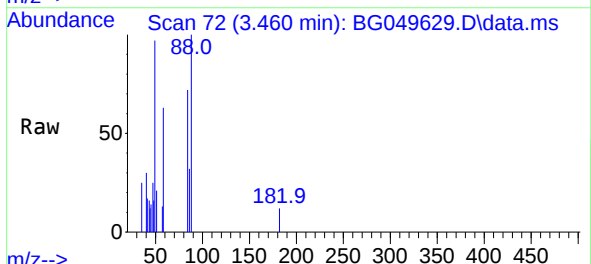
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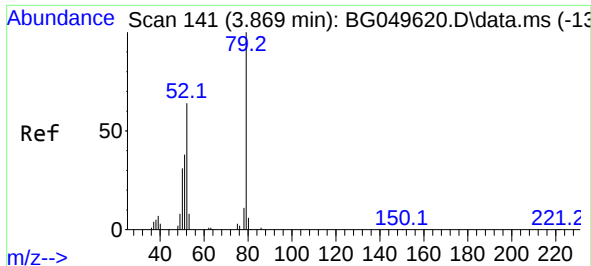
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#2
1,4-Dioxane
Concen: 6.596 ng
RT: 3.460 min Scan# 72
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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#





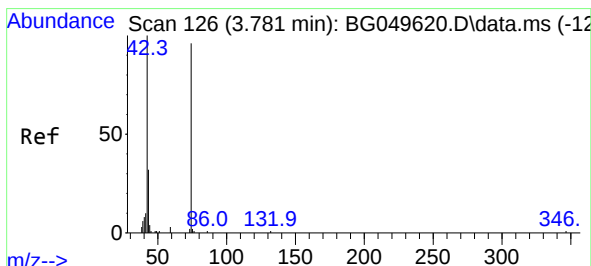
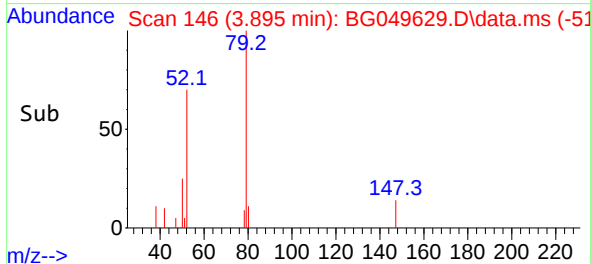
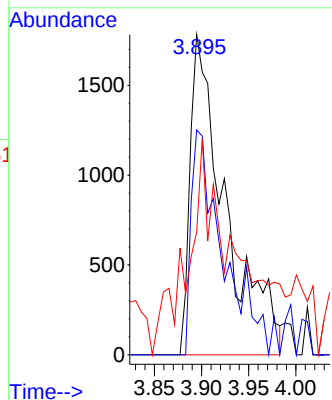
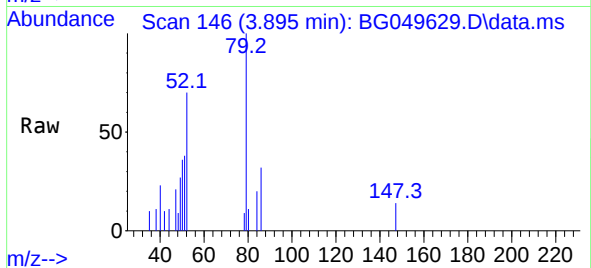
#3
Pyridine
Concen: 3.815 ng m
RT: 3.895 min Scan# 146
Delta R.T. 0.025 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion: 79 Resp: 4634
Ion Ratio Lower Upper
79 100
52 70.2 58.4 87.6
51 38.3 37.0 55.6

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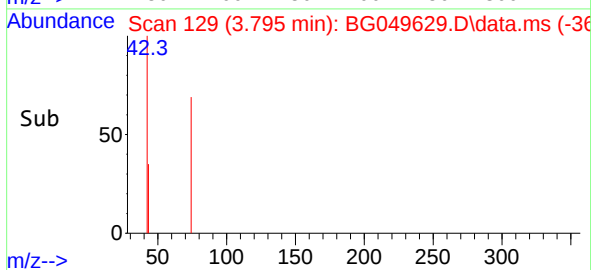
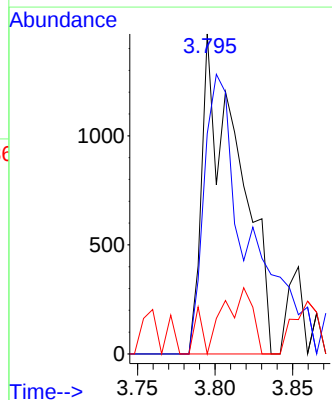
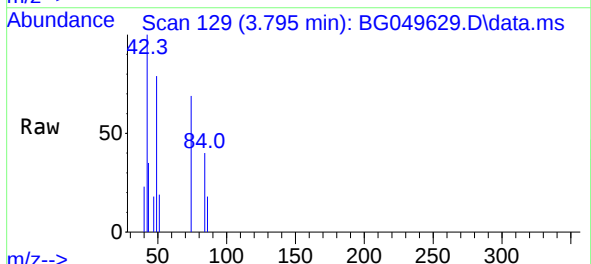
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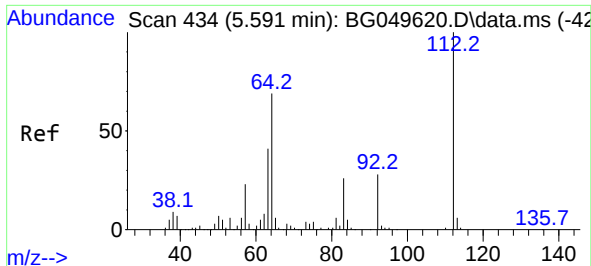
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#4
n-Nitrosodimethylamine
Concen: 3.700 ng
RT: 3.795 min Scan# 129
Delta R.T. 0.014 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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#





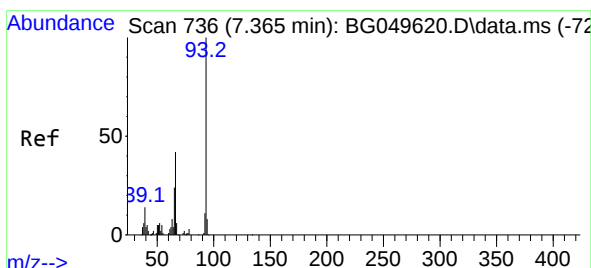
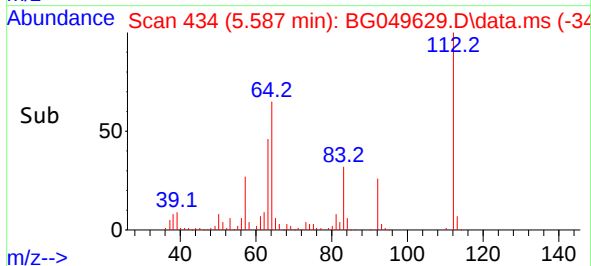
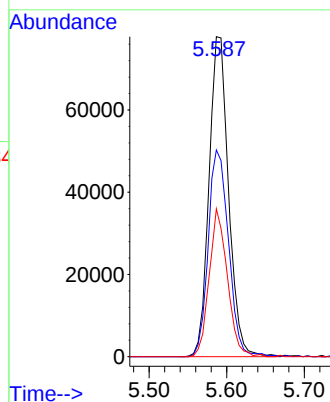
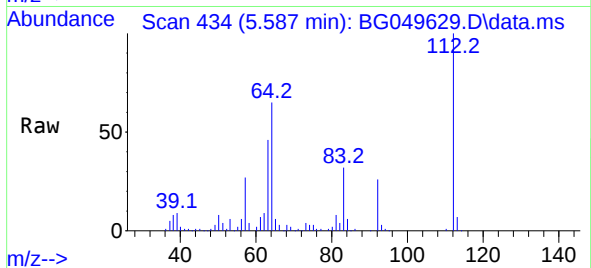
#5
2-Fluorophenol
Concen: 134.221 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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

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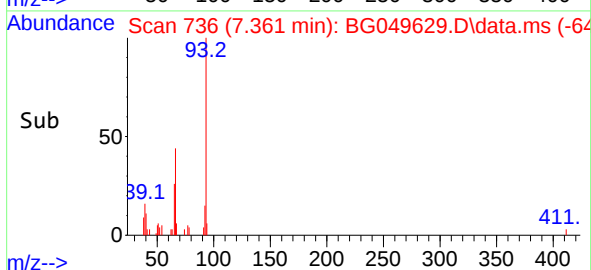
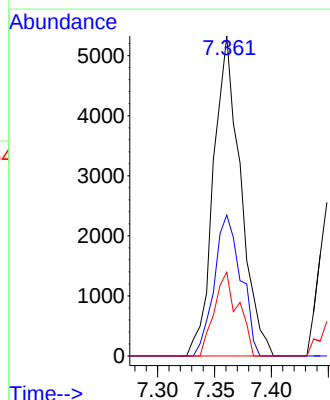
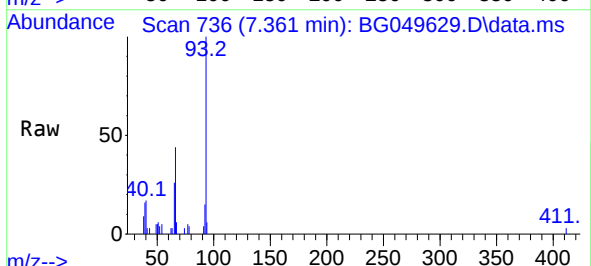
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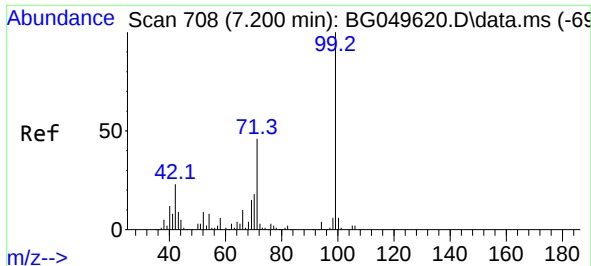
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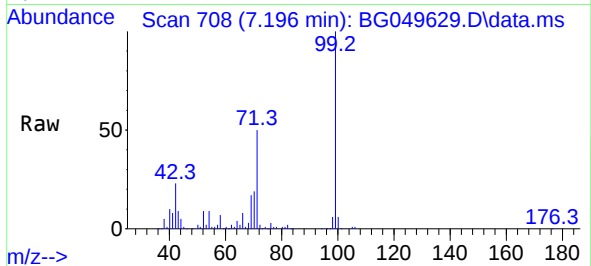
#6
Aniline
Concen: 5.434 ng
RT: 7.361 min Scan# 736
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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#



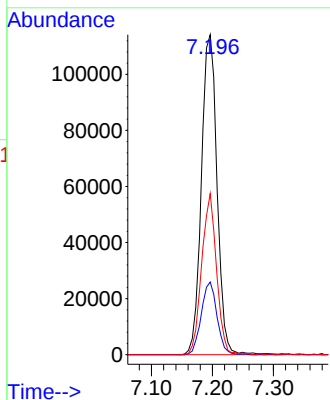


#7
Phenol-d6
Concen: 133.024 ng
RT: 7.196 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



Tgt Ion: 99 Resp: 204193

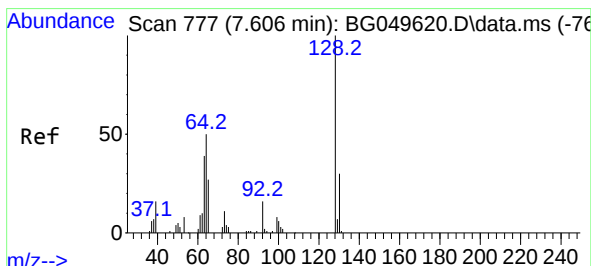
Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.5	30.7
71	50.3	41.5	62.3



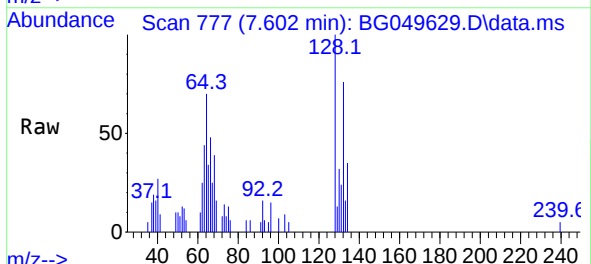
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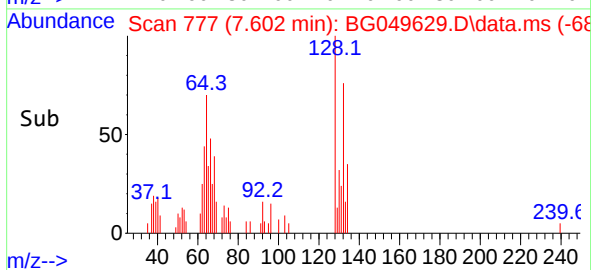
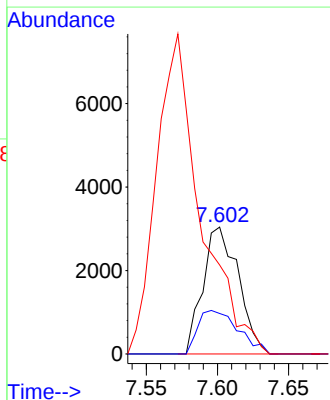


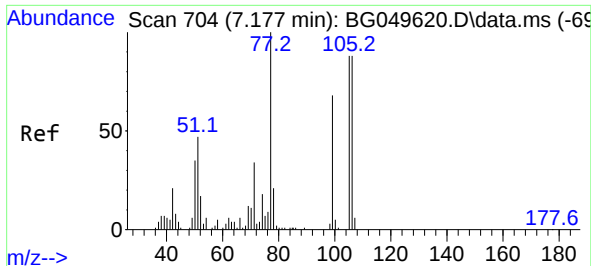
#8
2-Chlorophenol
Concen: 4.767 ng
RT: 7.602 min Scan# 777
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



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





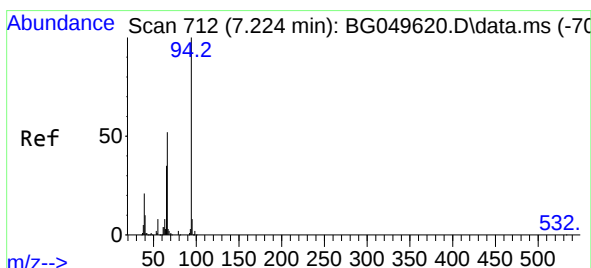
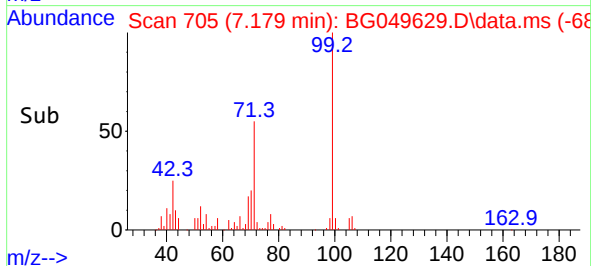
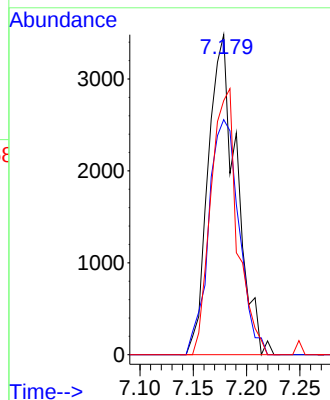
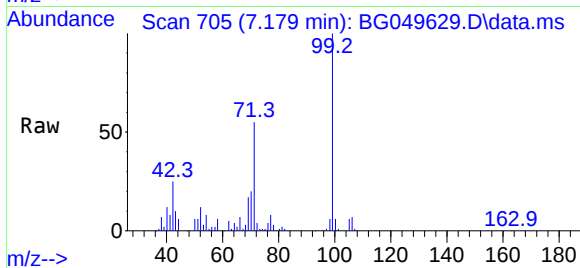
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Benzaldehyde
Concen: 6.294 ng
RT: 7.179 min Scan# 705
Delta R.T. 0.002 min
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Tgt Ion: 77 Resp: 6447
Ion Ratio Lower Upper
77 100
105 73.5 68.8 108.8
106 79.4 47.9 87.9

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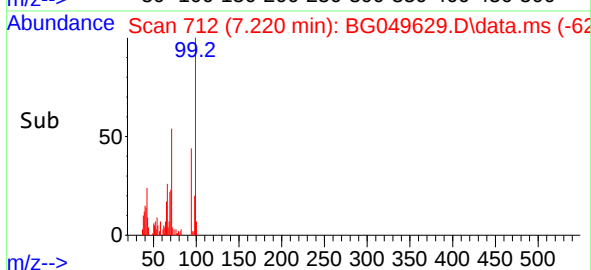
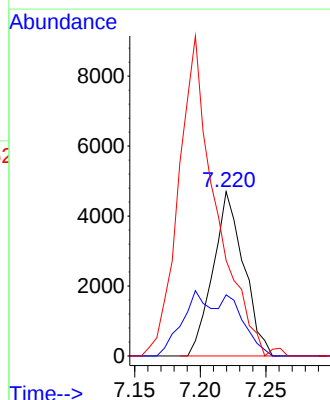
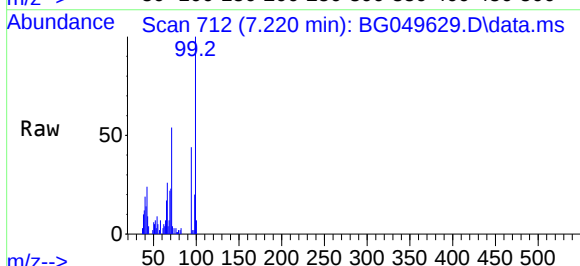
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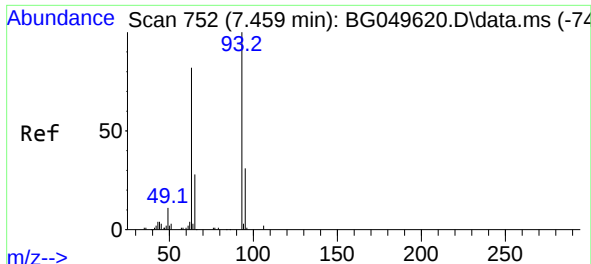
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#10
Phenol
Concen: 5.139 ng
RT: 7.220 min Scan# 712
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

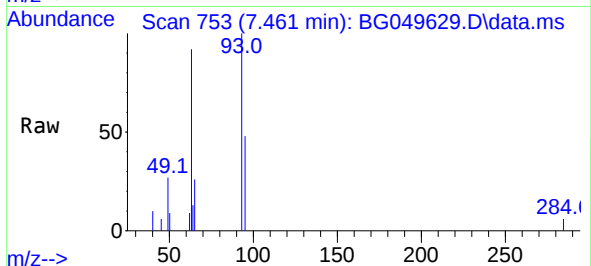
Tgt Ion: 94 Resp: 7643
Ion Ratio Lower Upper
94 100
65 37.2 12.9 52.9
66 58.1 39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 5.004 ng
RT: 7.461 min Scan# 753
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

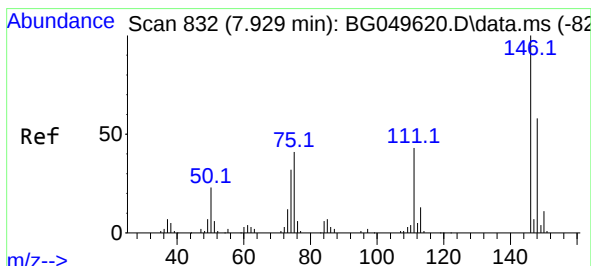
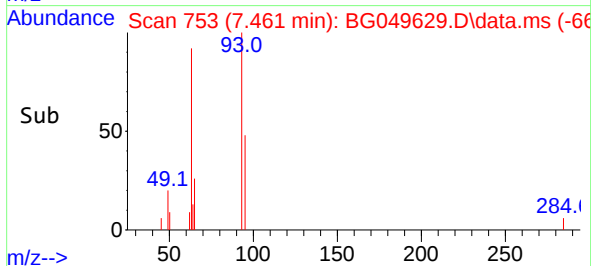
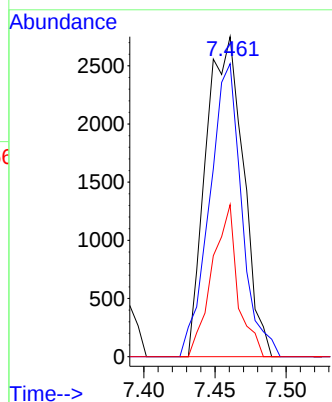
Instrument :
BNA_G
ClientSampleId :
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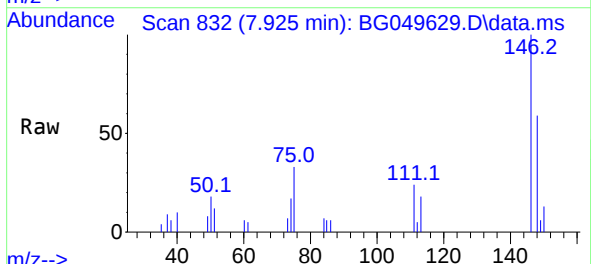
Tgt Ion: 93 Resp: 5025
Ion Ratio Lower Upper
93 100
63 91.5 50.4 90.4#
95 47.5 15.3 55.3

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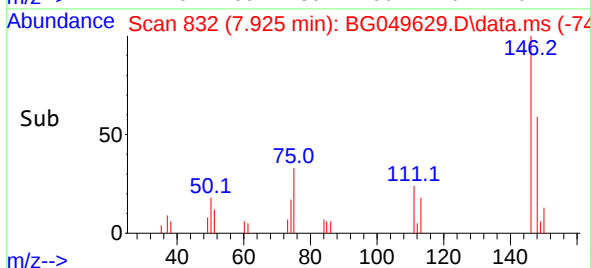
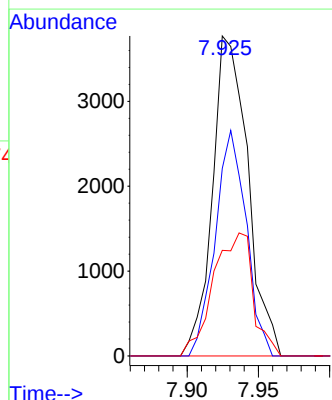
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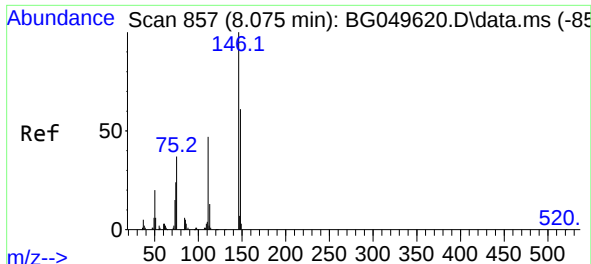


#12
1,3-Dichlorobenzene
Concen: 5.137 ng m
RT: 7.925 min Scan# 832
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



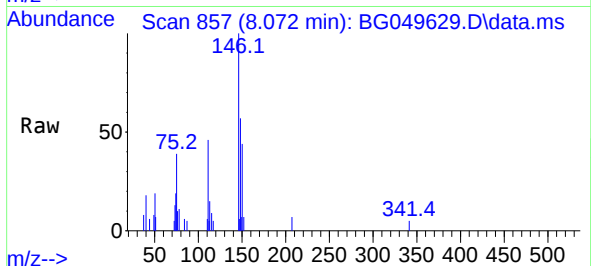
Tgt Ion: 146 Resp: 6504
Ion Ratio Lower Upper
146 100
148 58.6 52.6 78.8
75 33.0 35.7 53.5#





#13
1,4-Dichlorobenzene
Concen: 5.286 ng
RT: 8.072 min Scan# 857
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

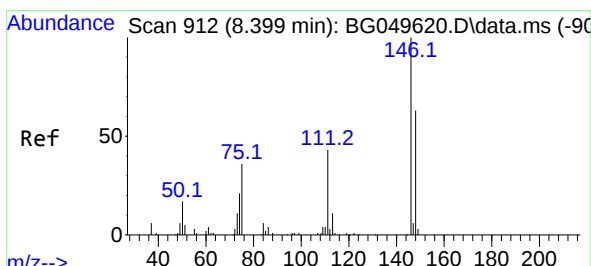
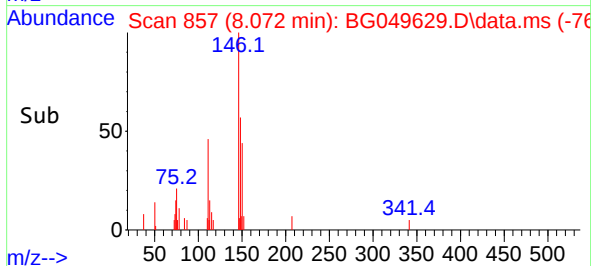
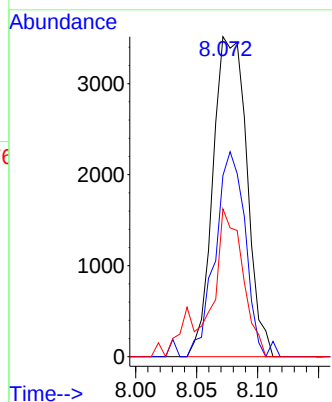
Instrument :
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ClientSampleId :
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Tgt Ion:146 Resp: 6775
Ion Ratio Lower Upper
146 100
148 56.6 54.0 81.0
111 46.2 34.3 51.5

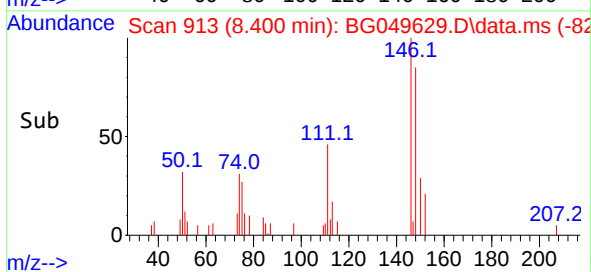
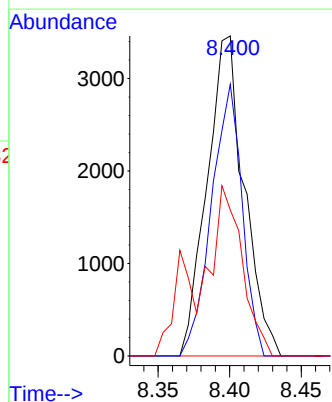
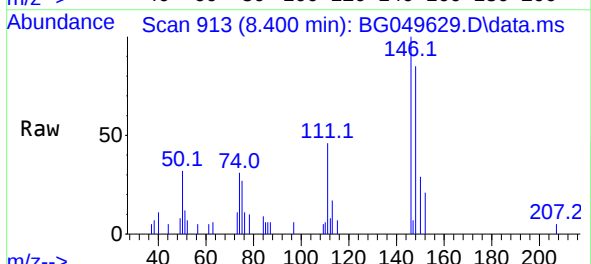
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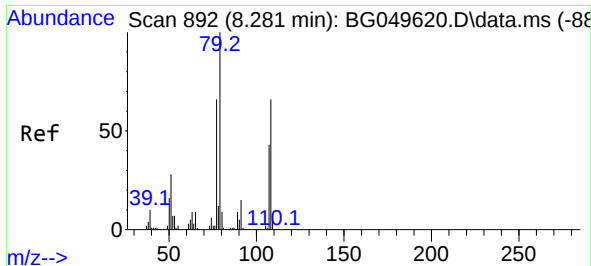
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#14
1,2-Dichlorobenzene
Concen: 5.141 ng m
RT: 8.400 min Scan# 913
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion:146 Resp: 6242
Ion Ratio Lower Upper
146 100
148 84.9 47.5 71.3#
111 45.6 39.1 58.7





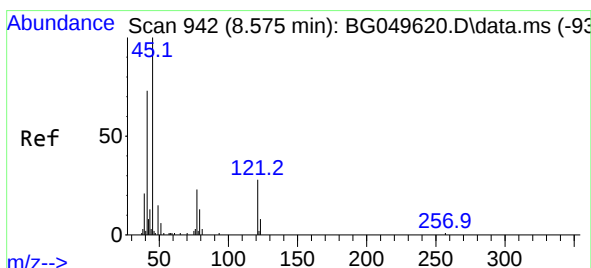
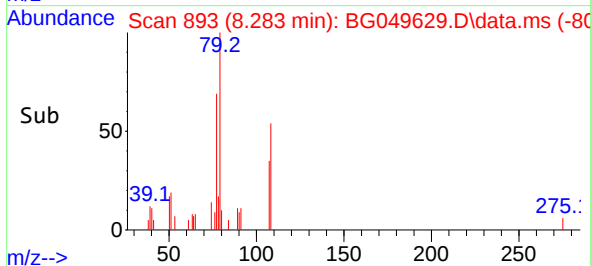
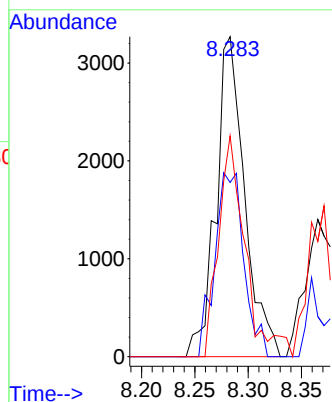
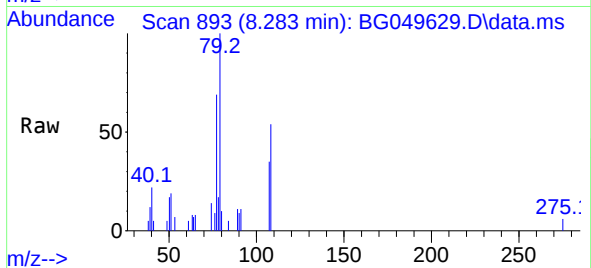
#15
Benzyl Alcohol
Concen: 4.730 ng
RT: 8.283 min Scan# 893
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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

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

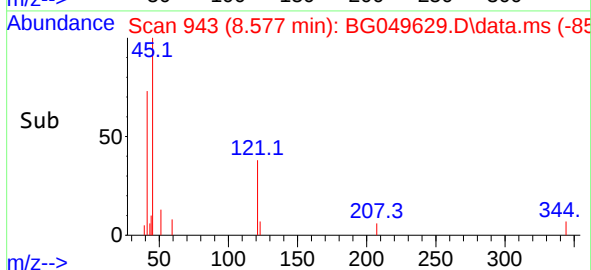
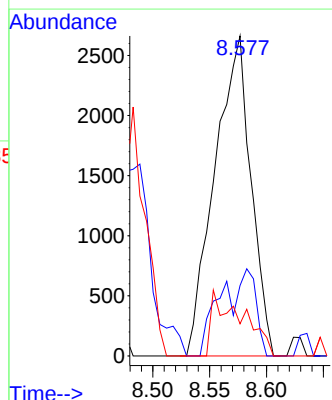
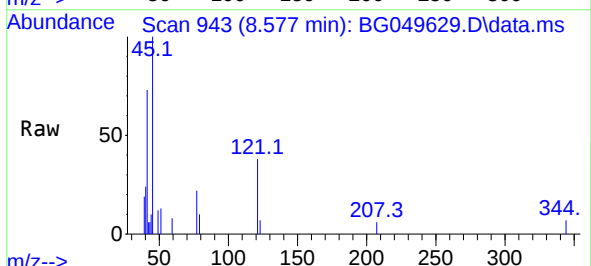
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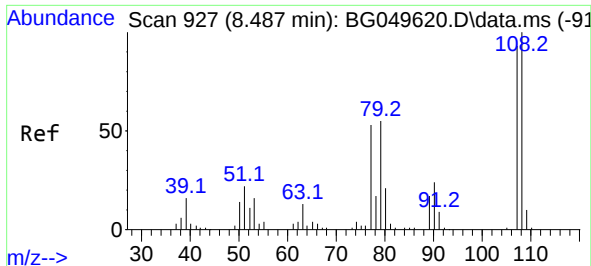
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.168 ng
RT: 8.577 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

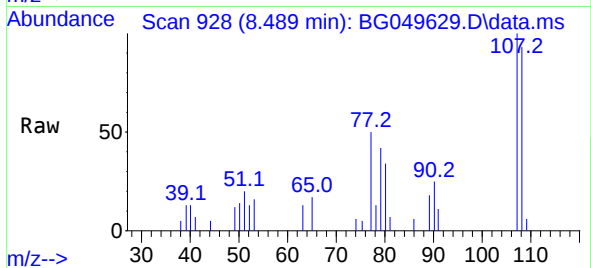
Tgt Ion: 45 Resp: 5897
Ion Ratio Lower Upper
45 100
77 22.0 2.2 42.2
79 10.1 0.0 34.3





#17
2-Methylphenol
Concen: 4.815 ng
RT: 8.489 min Scan# 928
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

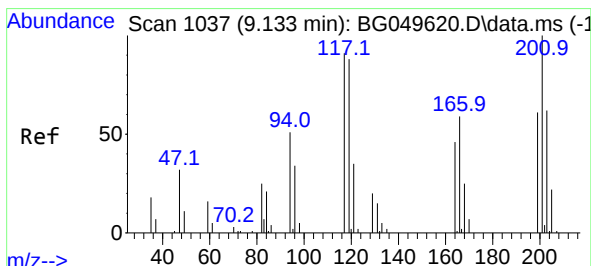
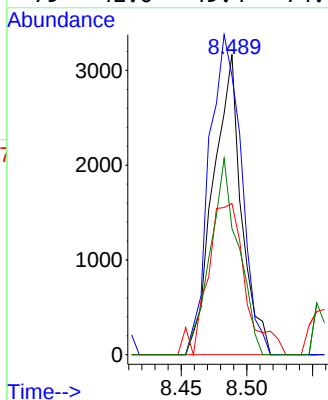
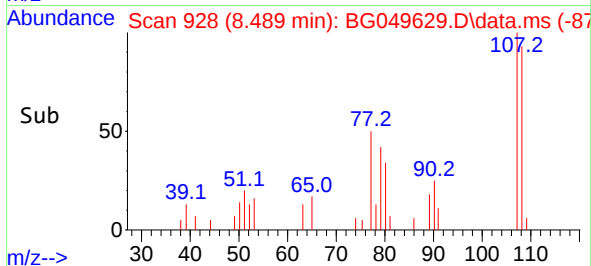
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



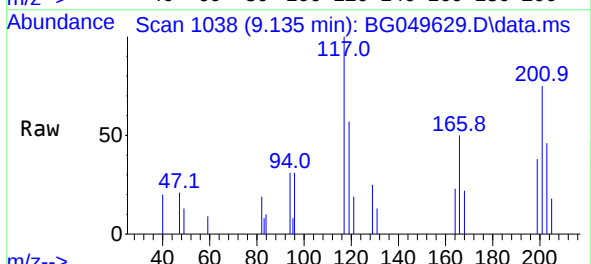
Tgt Ion:107 Resp: 4716
Ion Ratio Lower Upper
107 100
108 92.9 84.6 127.0
77 50.4 50.7 76.1#
79 42.0 49.4 74.0#

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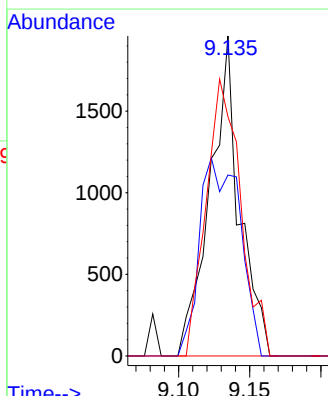
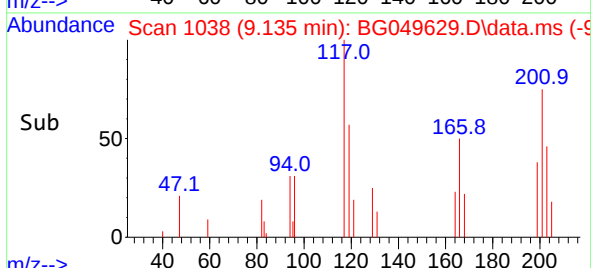
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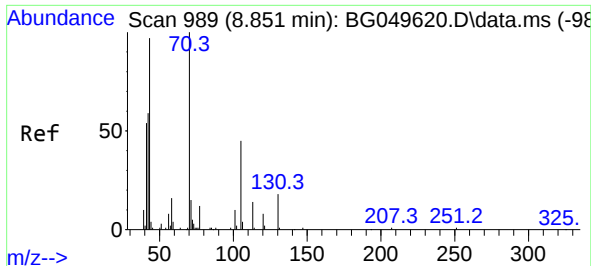


#18
Hexachloroethane
Concen: 5.754 ng
RT: 9.135 min Scan# 1038
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



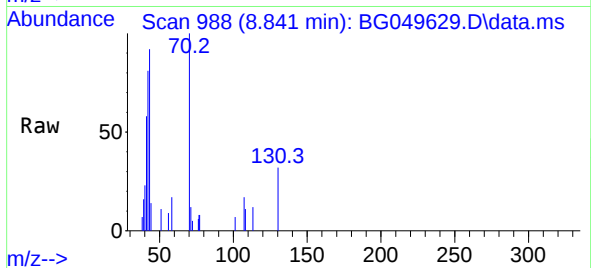
Tgt Ion:117 Resp: 2835
Ion Ratio Lower Upper
117 100
119 56.6 74.4 111.6#
201 74.8 88.6 133.0#





#19
n-Nitroso-di-n-propylamine
Concen: 4.736 ng
RT: 8.841 min Scan# 988
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

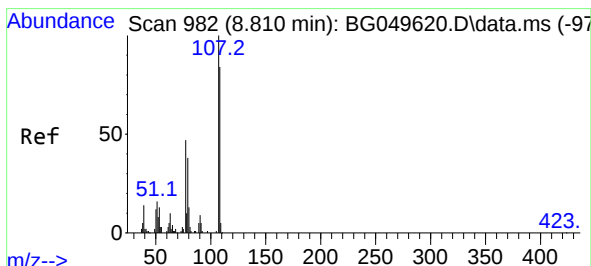
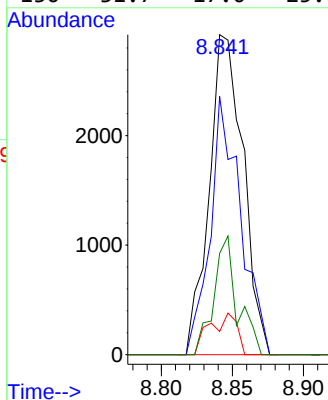
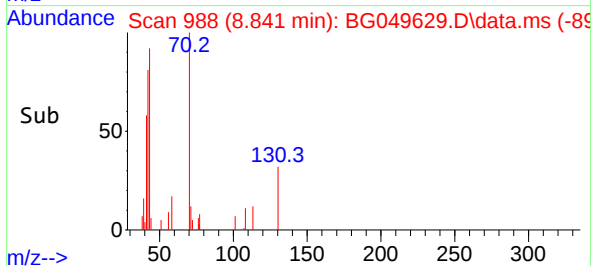
Instrument :
BNA_G
ClientSampleId :
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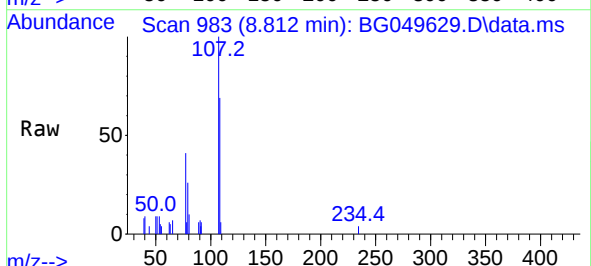
Tgt Ion: 70 Resp: 4865
Ion Ratio Lower Upper
70 100
42 80.7 54.5 81.7
101 7.2 9.0 13.6#
130 31.7 17.0 25.6#

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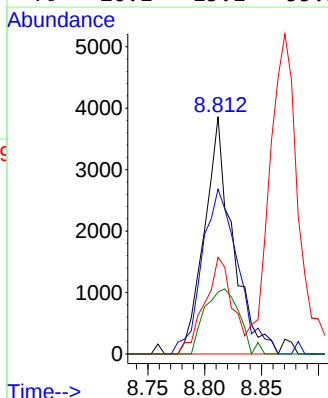
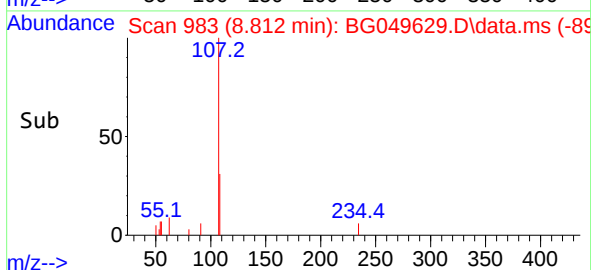
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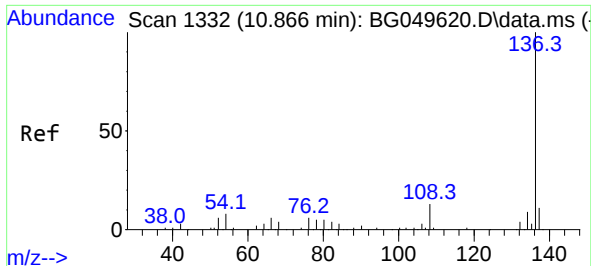


#20
3+4-Methylphenols
Concen: 4.837 ng
RT: 8.812 min Scan# 983
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

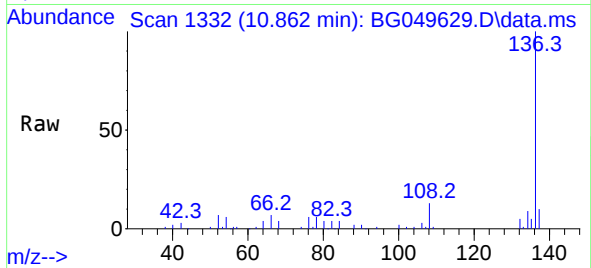


Tgt Ion: 107 Resp: 6654
Ion Ratio Lower Upper
107 100
108 69.4 69.3 109.3
77 40.7 25.2 65.2
79 26.1 15.1 55.1

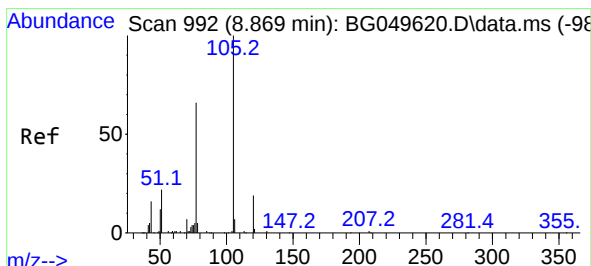
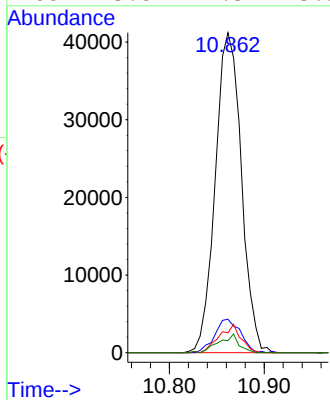
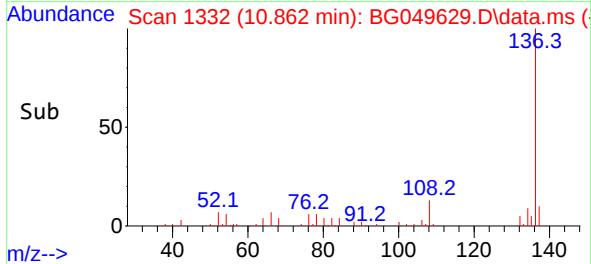




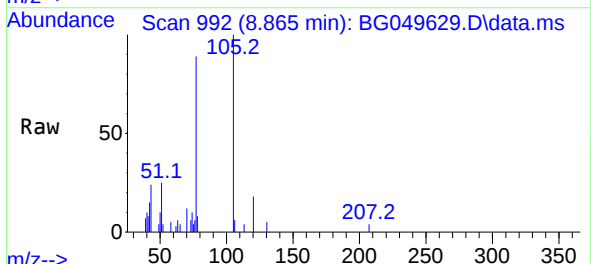
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.862 min Scan# 1332
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



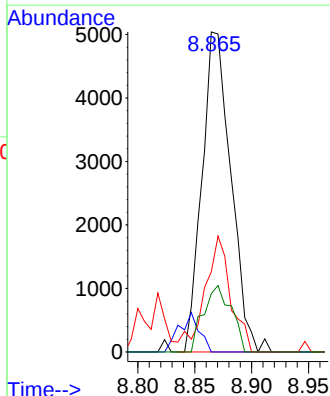
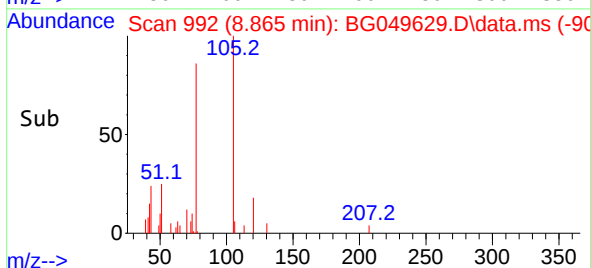
Tgt Ion:	136	Resp:	78576
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	6.2	5.5	8.3
68	3.8	2.3	3.5#



#22
Acetophenone
Concen: 4.179 ng
RT: 8.865 min Scan# 992
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



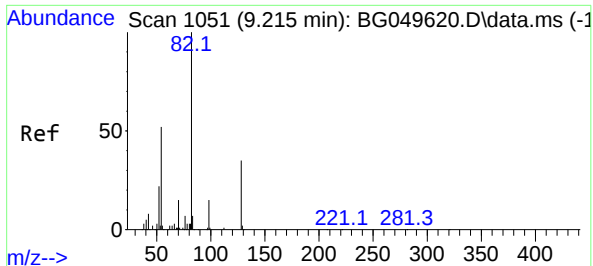
Tgt Ion:	105	Resp:	8922
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.6	0.8#
51	25.0	26.6	40.0#
120	18.3	16.2	24.4



Instrument :
BNA_G
ClientSampleId :
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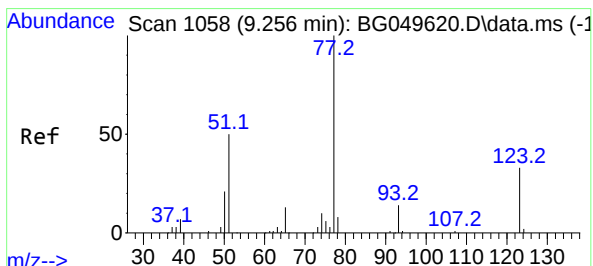
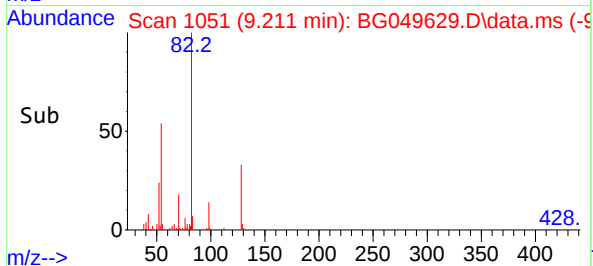
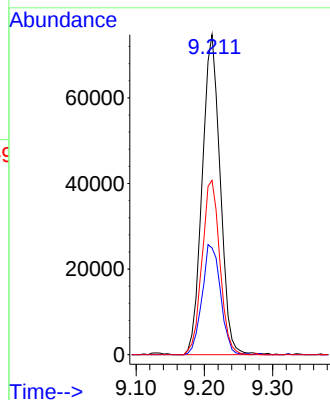
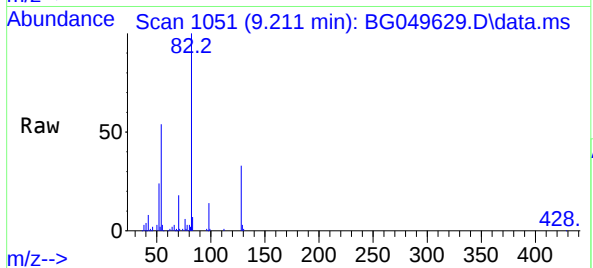
#23
Nitrobenzene-d5
Concen: 77.048 ng
RT: 9.211 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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

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

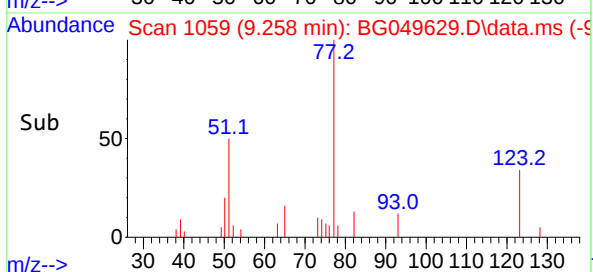
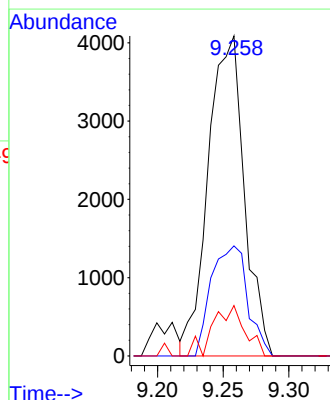
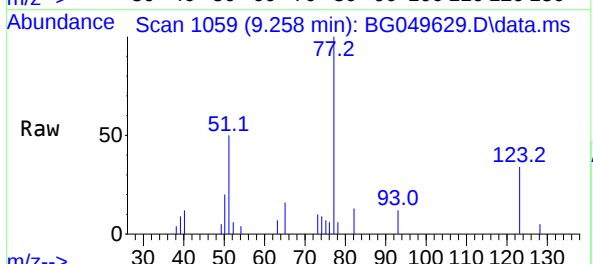
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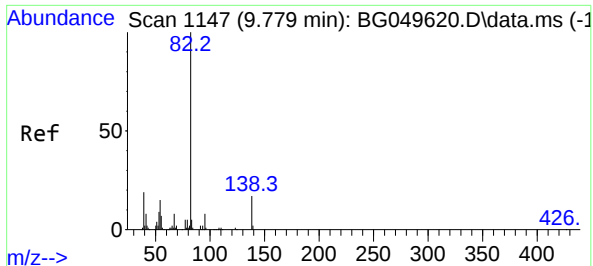
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#24
Nitrobenzene
Concen: 4.163 ng
RT: 9.258 min Scan# 1059
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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





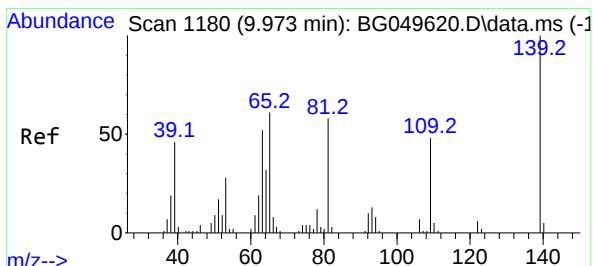
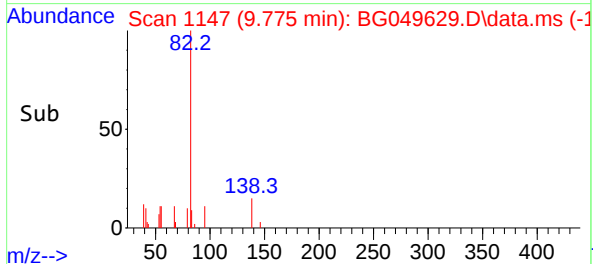
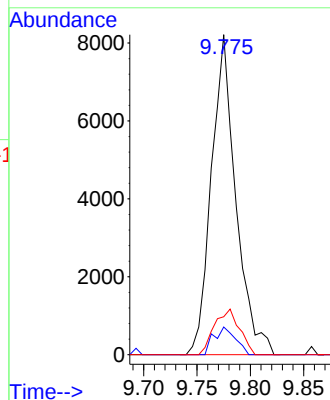
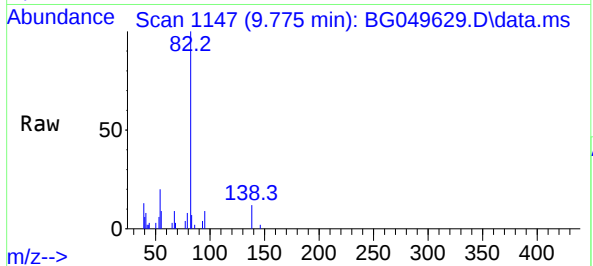
#25
Isophorone
Concen: 4.140 ng
RT: 9.775 min Scan# 1147
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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

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

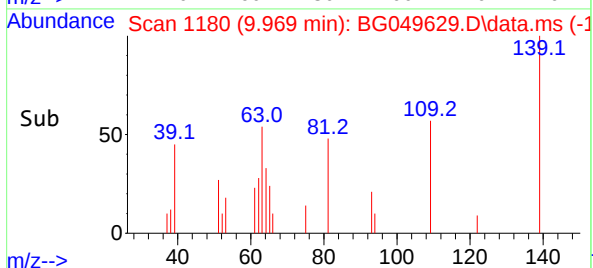
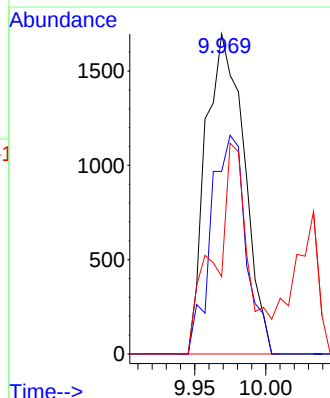
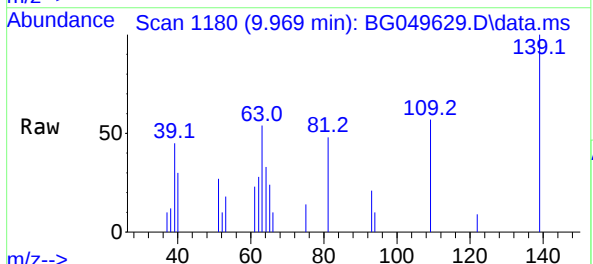
Manual Integrations
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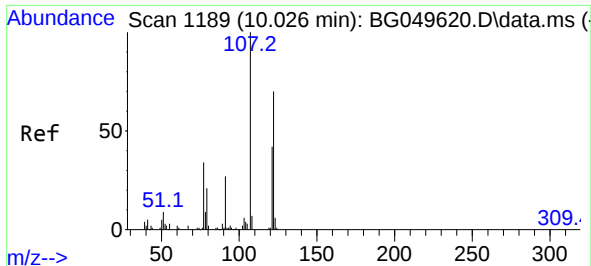
mohammad
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#26
2-Nitrophenol
Concen: 4.453 ng
RT: 9.969 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

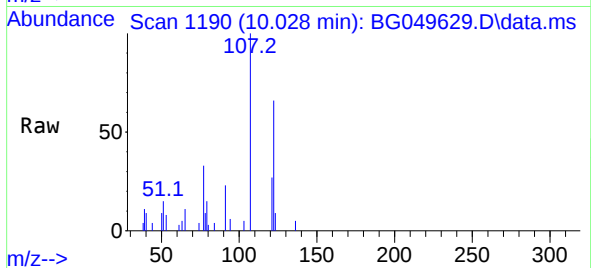
Tgt Ion:	139	Resp:	3184
Ion Ratio	Lower	Upper	
139	100		
109	57.0	37.8	56.6#
65	24.2	51.8	77.8#





#27
2,4-Dimethylphenol
Concen: 4.488 ng
RT: 10.028 min Scan# 1190
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

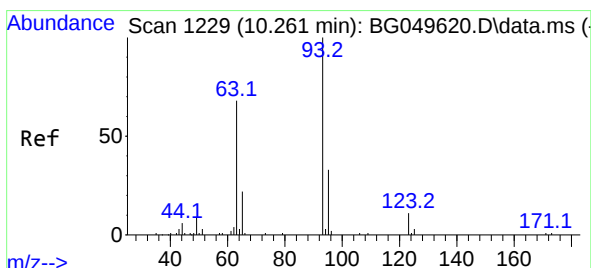
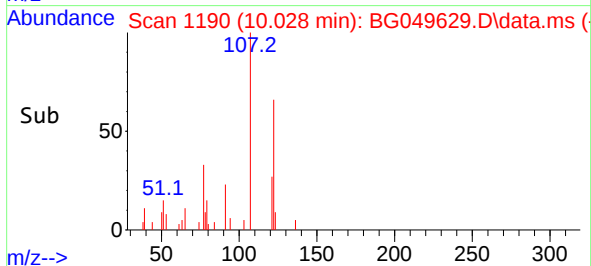
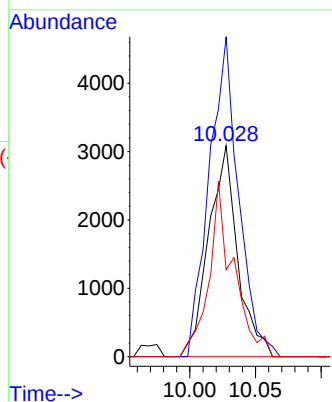
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



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#

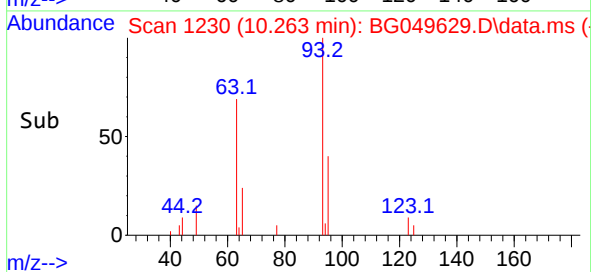
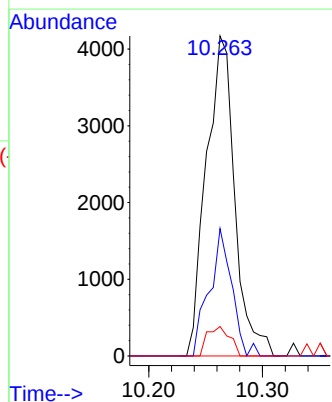
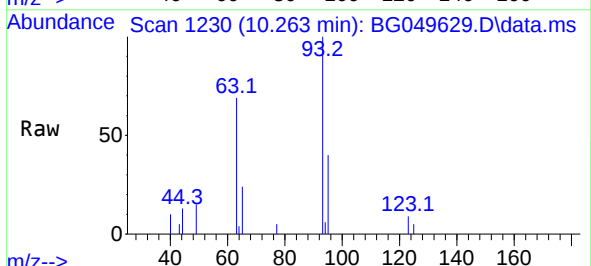
Manual Integrations
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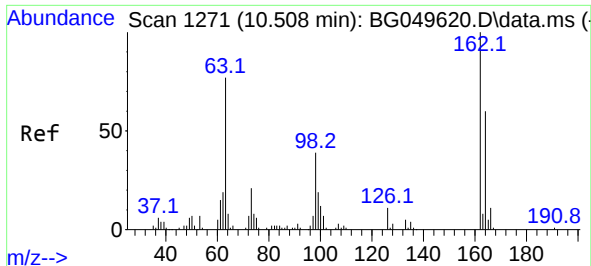
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#28
bis(2-Chloroethoxy)methane
Concen: 5.236 ng
RT: 10.263 min Scan# 1230
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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





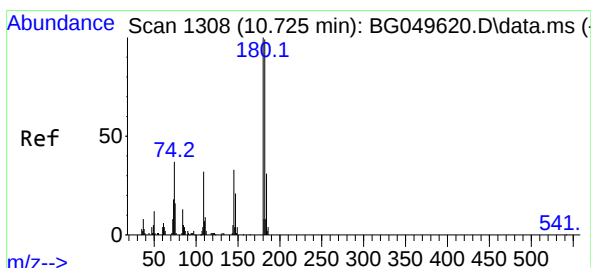
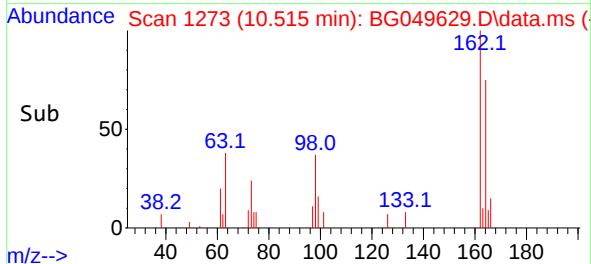
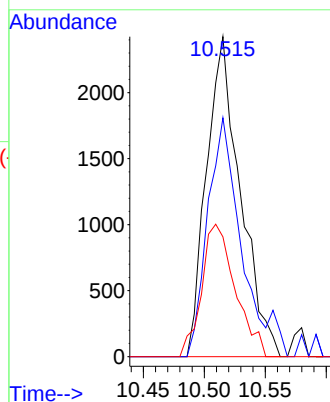
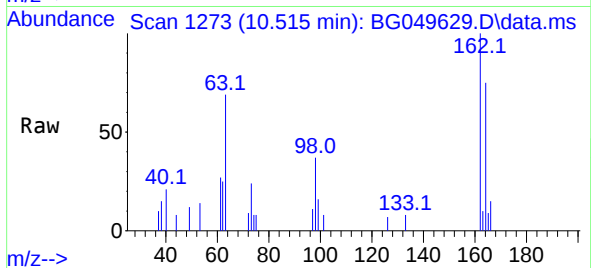
#29
2,4-Dichlorophenol
Concen: 3.612 ng
RT: 10.515 min Scan# 1273
Delta R.T. 0.008 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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

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

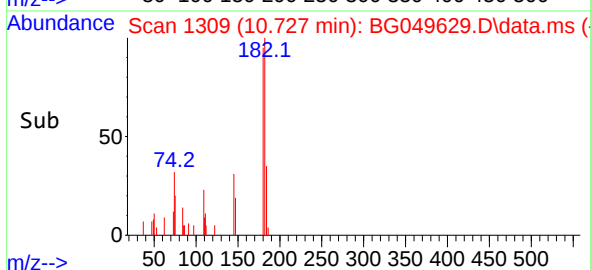
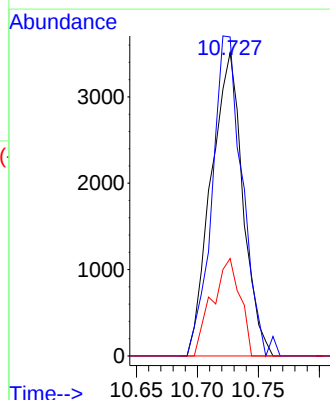
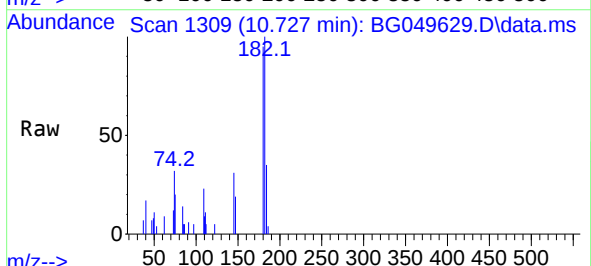
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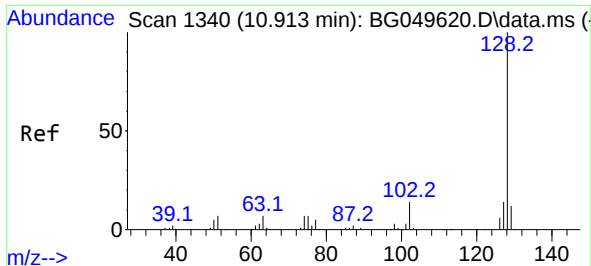
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#30
1,2,4-Trichlorobenzene
Concen: 4.454 ng
RT: 10.727 min Scan# 1309
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

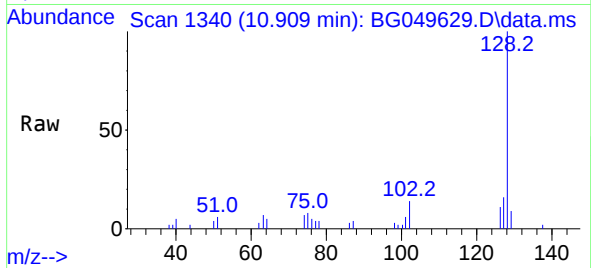
Tgt Ion:180 Resp: 6361
Ion Ratio Lower Upper
180 100
182 105.2 78.9 118.3
145 32.1 26.2 39.4





#31
Naphthalene
Concen: 4.566 ng
RT: 10.909 min Scan# 1340
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

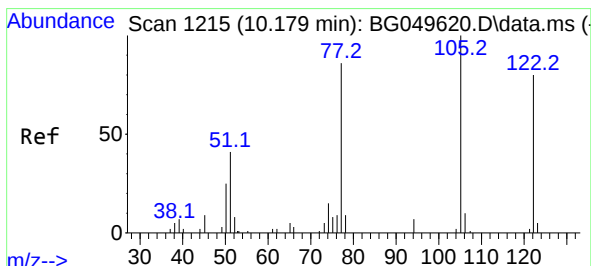
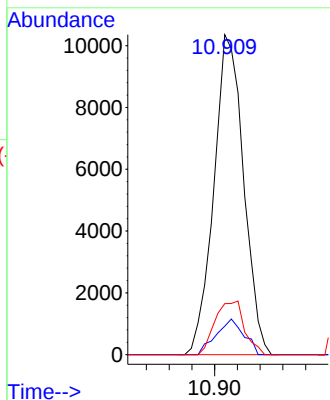
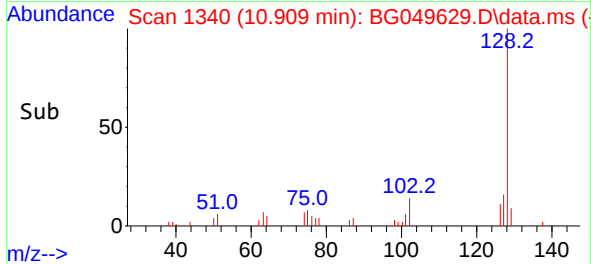
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



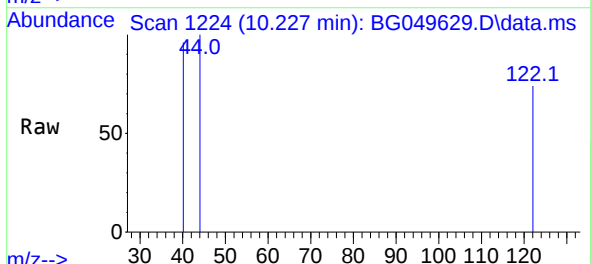
Tgt Ion:128 Resp: 18788
Ion Ratio Lower Upper
128 100
129 8.9 8.5 12.7
127 16.0 10.2 15.4#

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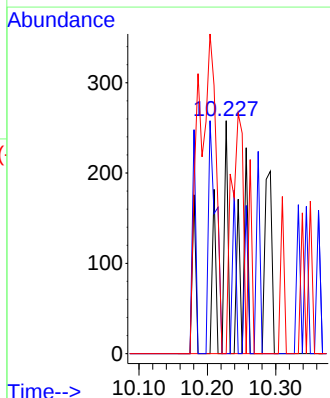
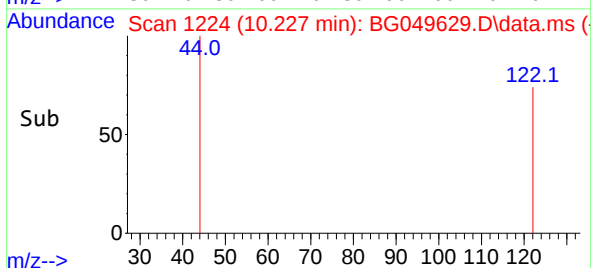
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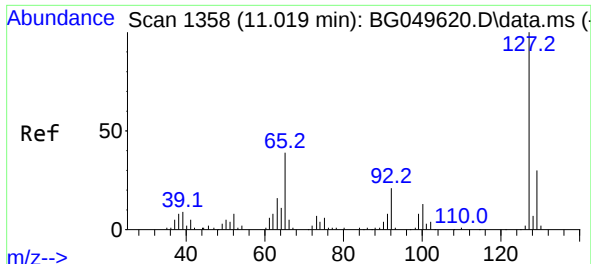


#32
Benzoic acid
Concen: 0.727 ng m
RT: 10.227 min Scan# 1224
Delta R.T. 0.048 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



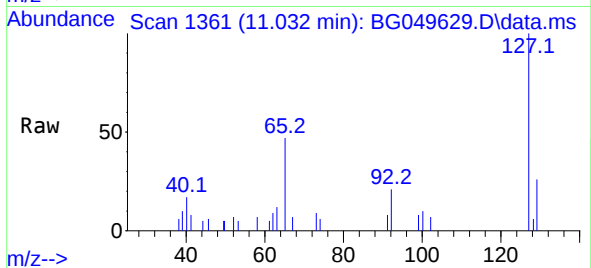
Tgt Ion:122 Resp: 497
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#





#33
4-Chloroaniline
Concen: 4.578 ng
RT: 11.032 min Scan# 1361
Delta R.T. 0.014 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

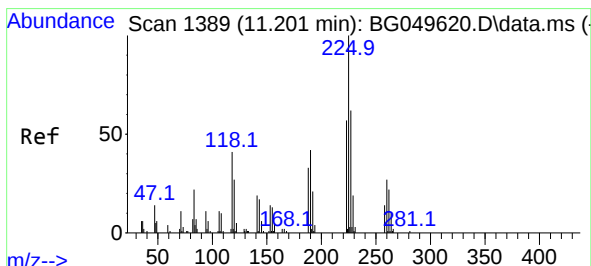
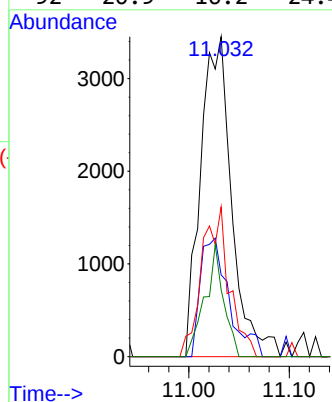
Instrument :
BNA_G
ClientSampleId :
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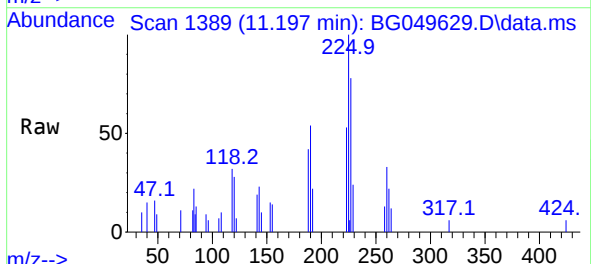
Tgt Ion:	127	Resp:	7437
Ion	Ratio	Lower	Upper
127	100		
129	25.5	26.7	40.1#
65	46.8	32.8	49.2
92	20.9	16.2	24.4

Manual Integrations
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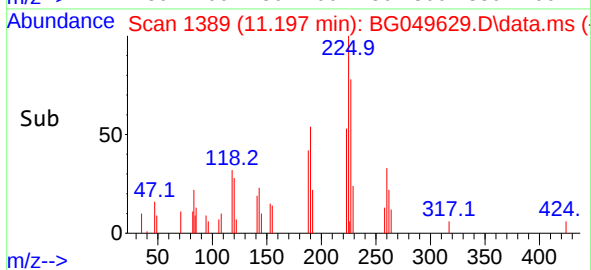
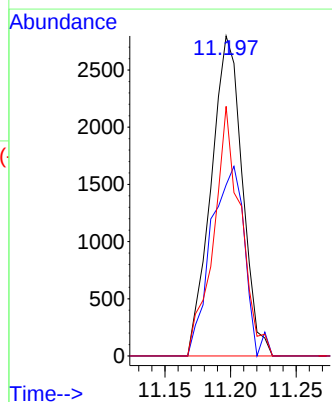
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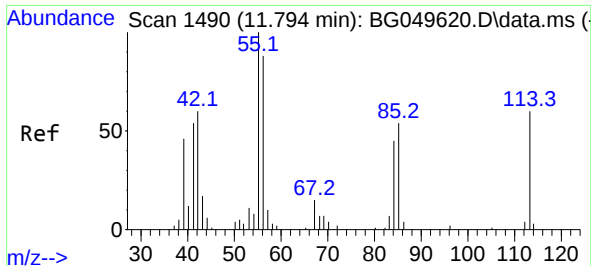


#34
Hexachlorobutadiene
Concen: 4.454 ng
RT: 11.197 min Scan# 1389
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



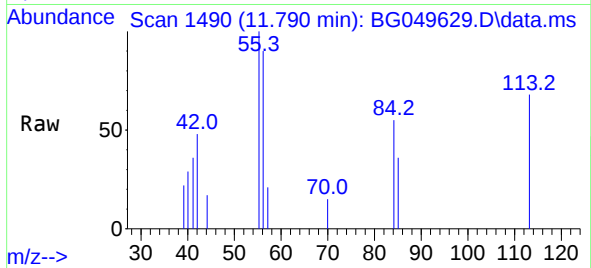
Tgt Ion:	225	Resp:	4622
Ion	Ratio	Lower	Upper
225	100		
223	53.4	49.8	74.8
227	78.0	46.4	69.6#





#35
Caprolactam
Concen: 4.552 ng
RT: 11.790 min Scan# 1490
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

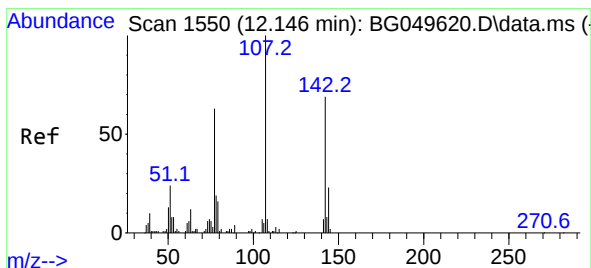
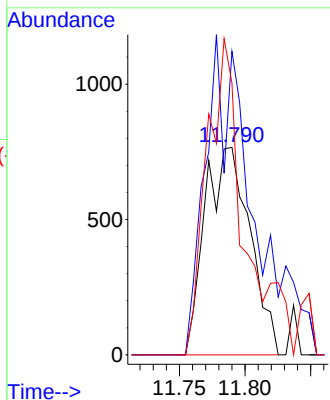
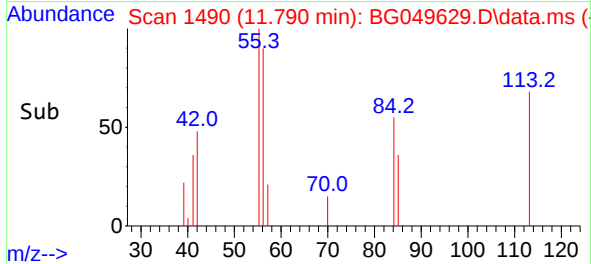
Instrument :
BNA_G
ClientSampleId :
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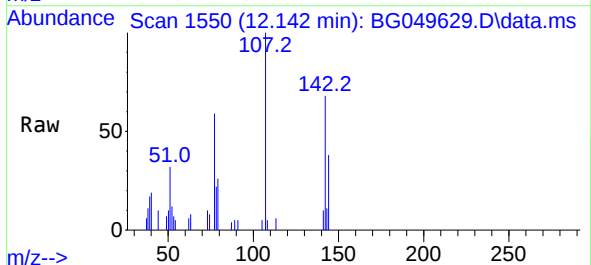
Tgt Ion:113 Resp: 1824
Ion Ratio Lower Upper
113 100
55 146.2 113.8 153.8
56 130.9 105.6 145.6

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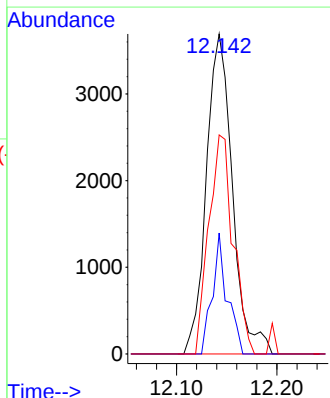
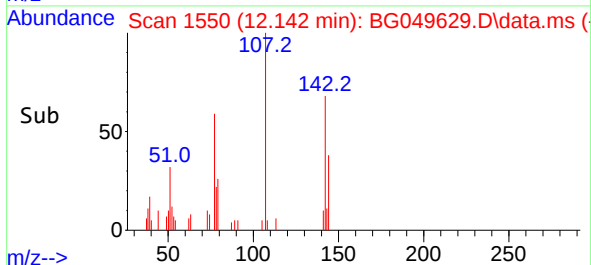
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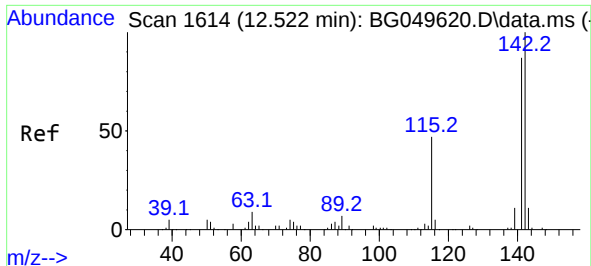


#36
4-Chloro-3-methylphenol
Concen: 4.447 ng
RT: 12.142 min Scan# 1550
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



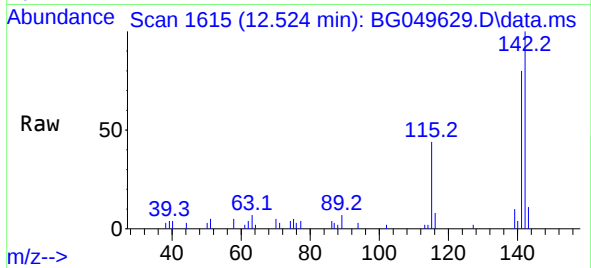
Tgt Ion:107 Resp: 6662
Ion Ratio Lower Upper
107 100
144 37.8 24.8 37.2#
142 68.5 62.2 93.4





#37
2-Methylnaphthalene
Concen: 4.468 ng
RT: 12.524 min Scan# 1615
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

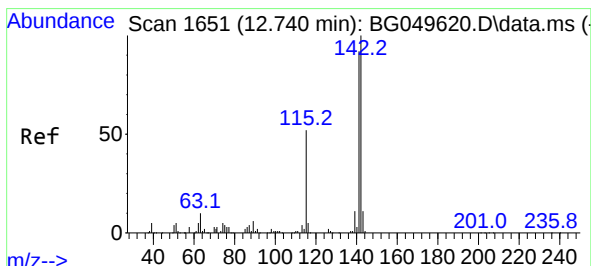
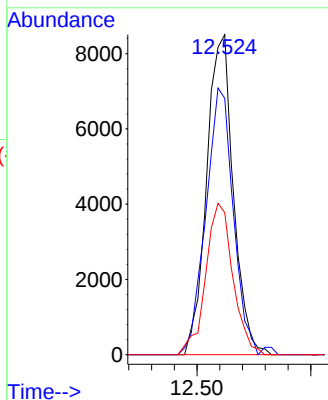
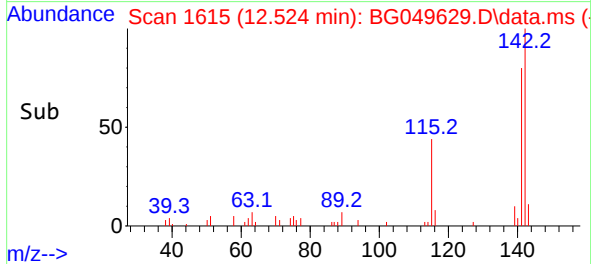
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



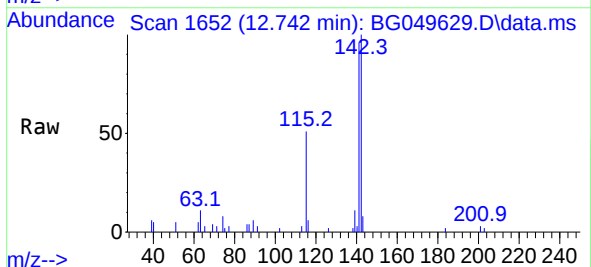
Tgt Ion:142 Resp: 13852
Ion Ratio Lower Upper
142 100
141 80.1 68.8 103.2
115 44.4 36.4 54.6

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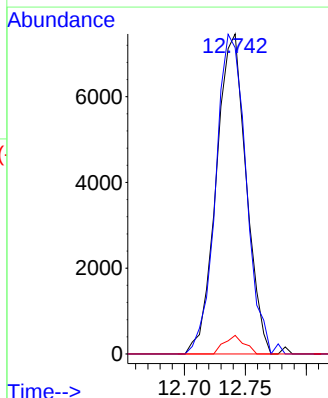
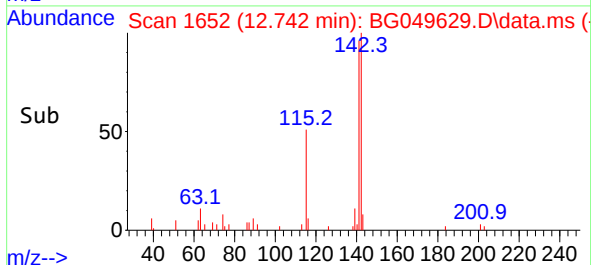
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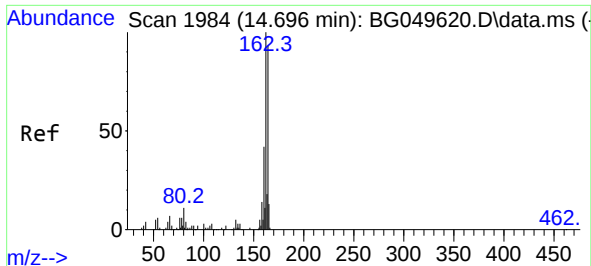


#38
1-Methylnaphthalene
Concen: 4.369 ng
RT: 12.742 min Scan# 1652
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



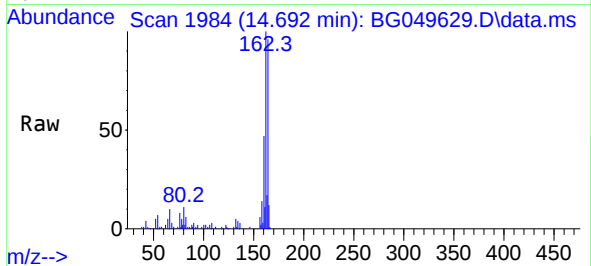
Tgt Ion:142 Resp: 12728
Ion Ratio Lower Upper
142 100
141 95.7 70.6 106.0
116 5.8 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

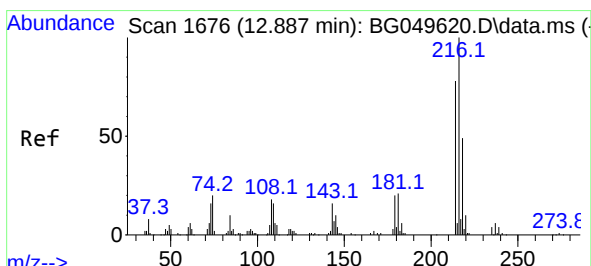
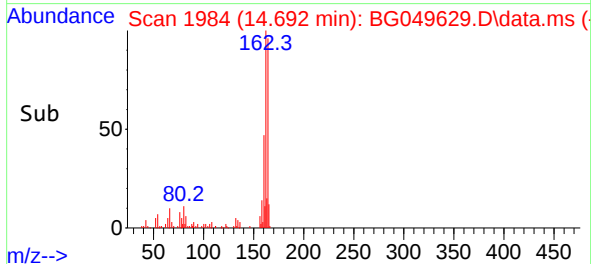
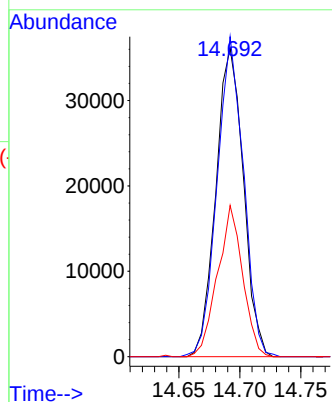
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



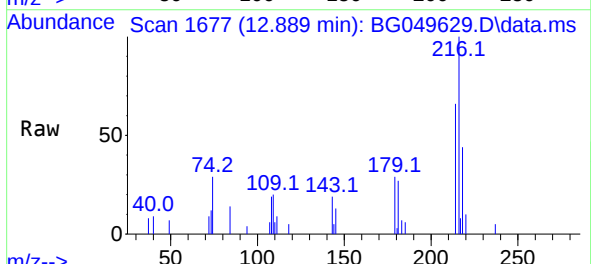
Tgt Ion:164 Resp: 56654
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 49.0 34.9 52.3

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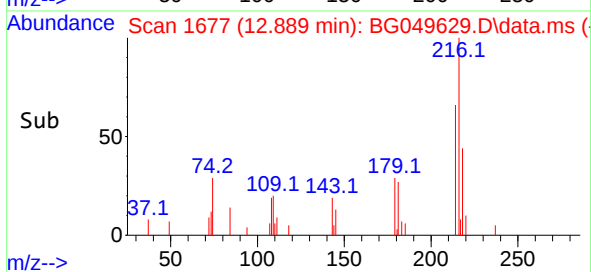
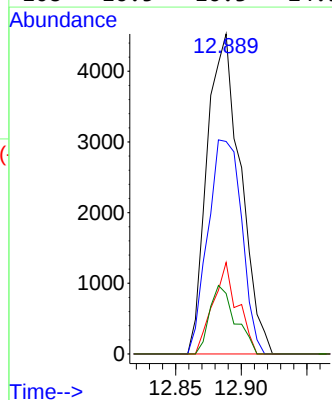
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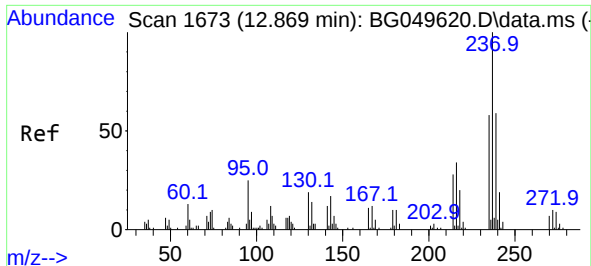


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.806 ng
RT: 12.889 min Scan# 1677
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

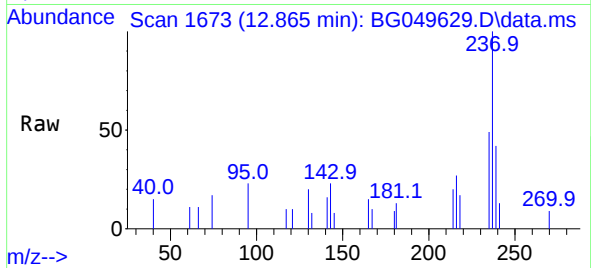


Tgt Ion:216 Resp: 8023
Ion Ratio Lower Upper
216 100
214 67.6 61.4 92.2
179 21.0 17.3 25.9
108 16.5 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 3.689 ng
RT: 12.865 min Scan# 1673
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

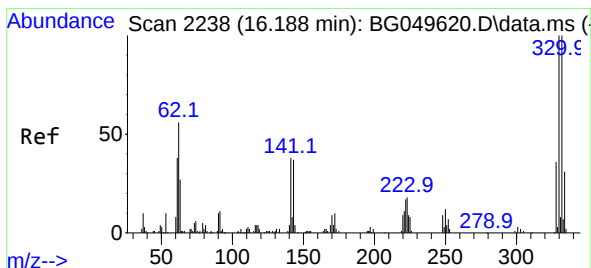
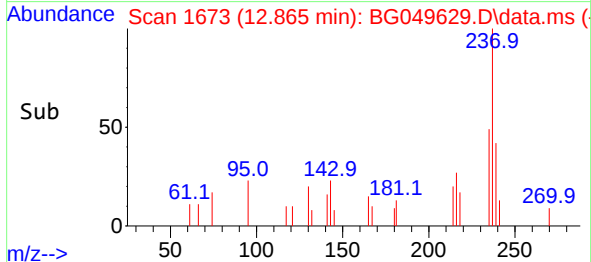
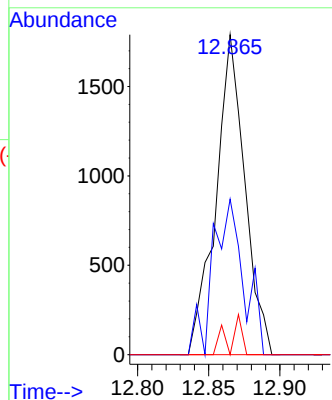


Tgt Ion:237 Resp: 2543
Ion Ratio Lower Upper
237 100
235 48.6 36.6 76.6
272 0.0 0.0 32.5

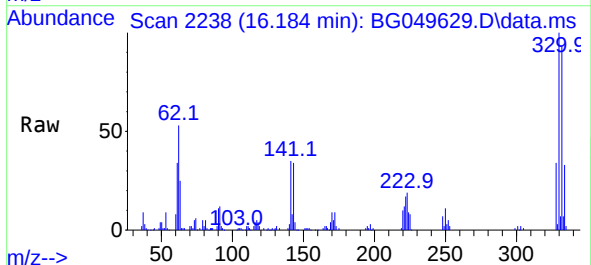
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

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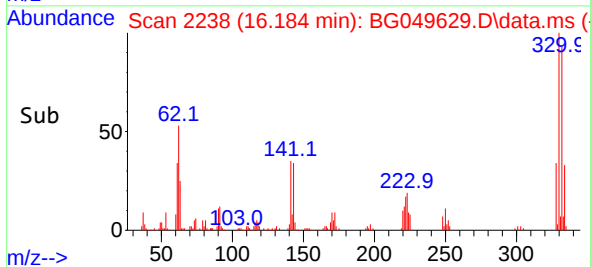
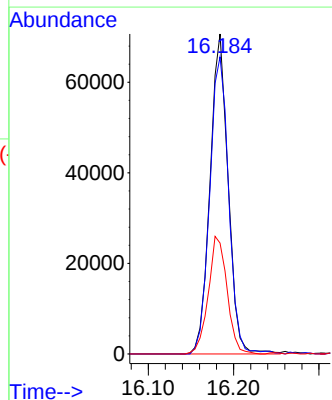
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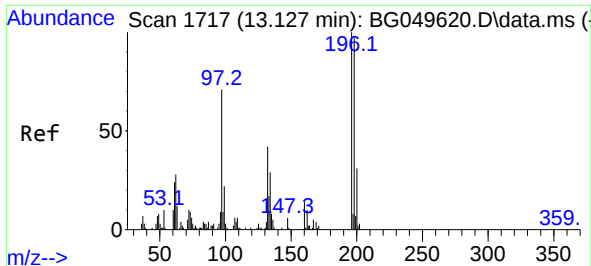


#42
2,4,6-Tribromophenol
Concen: 125.332 ng
RT: 16.184 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



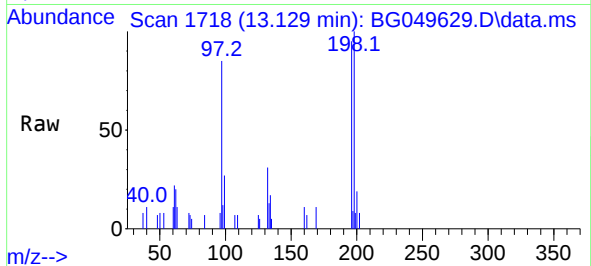
Tgt Ion:330 Resp: 104369
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 38.0 35.6 53.4





#43
2,4,6-Trichlorophenol
Concen: 4.095 ng
RT: 13.129 min Scan# 1718
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

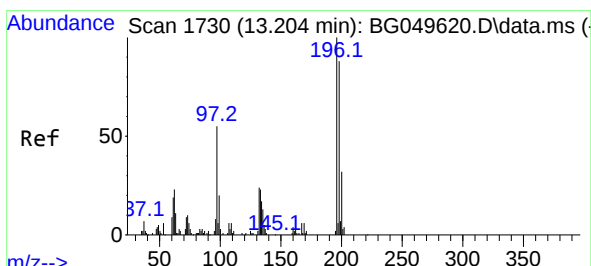
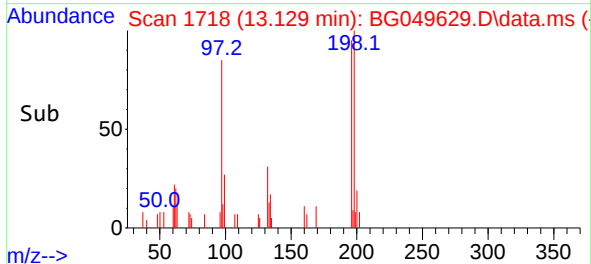
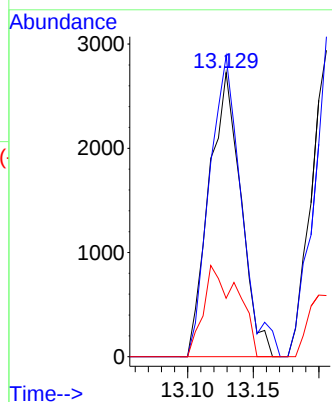
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



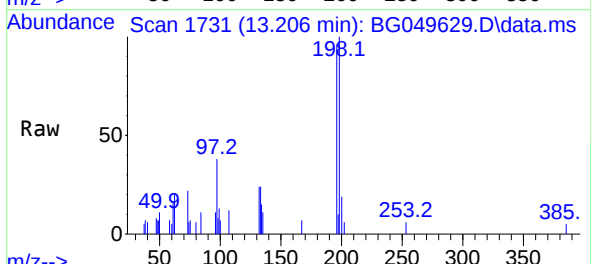
Tgt Ion:196 Resp: 4609
Ion Ratio Lower Upper
196 100
198 105.8 82.1 123.1
200 20.5 23.8 35.8#

Manual Integrations
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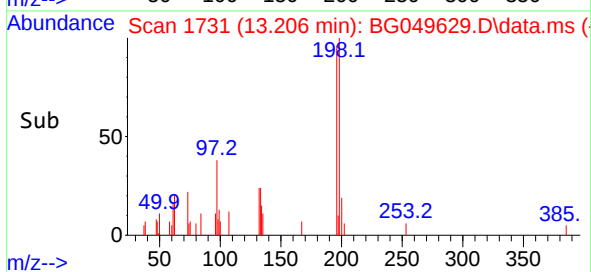
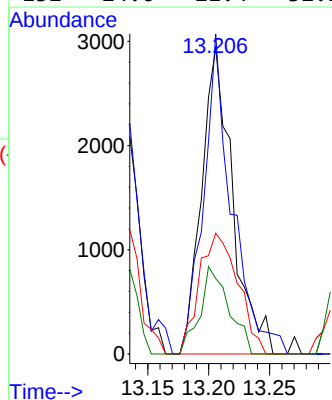
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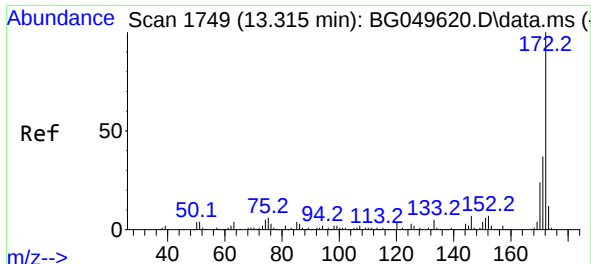


#44
2,4,5-Trichlorophenol
Concen: 4.275 ng
RT: 13.206 min Scan# 1731
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



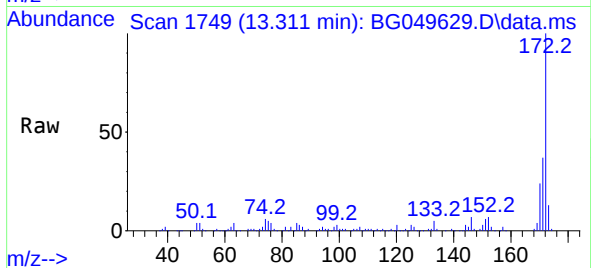
Tgt Ion:196 Resp: 5219
Ion Ratio Lower Upper
196 100
198 104.5 87.4 131.0
97 39.5 43.3 64.9#
132 24.6 21.4 32.2





#45
2-Fluorobiphenyl
Concen: 77.880 ng
RT: 13.311 min Scan# 1749
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

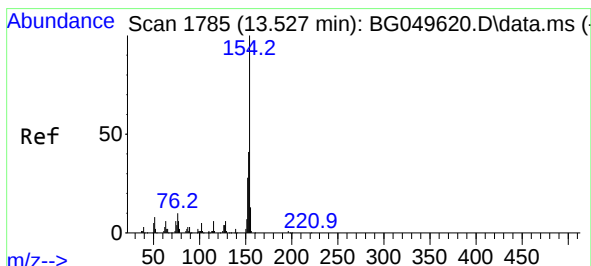
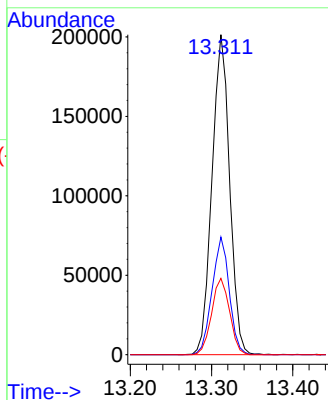
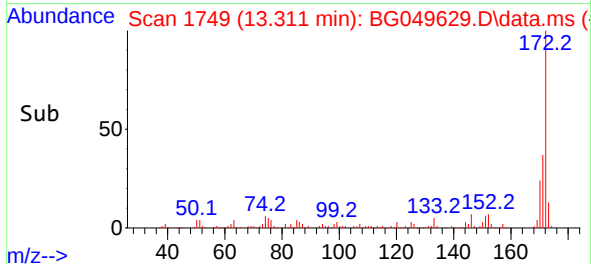
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



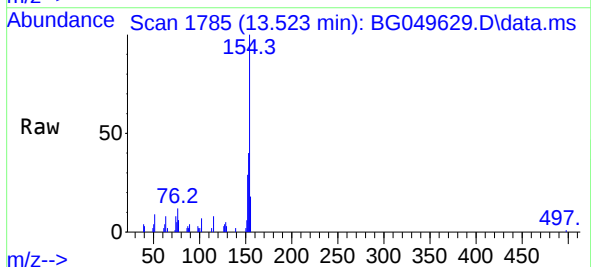
Tgt Ion:172 Resp: 303230
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.9 18.6 27.8

Manual Integrations
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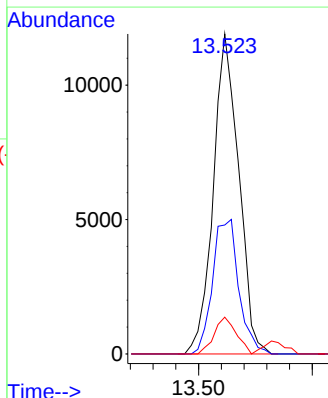
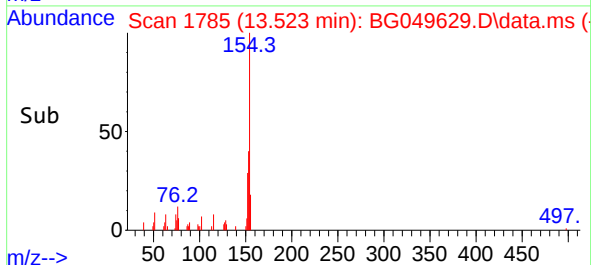
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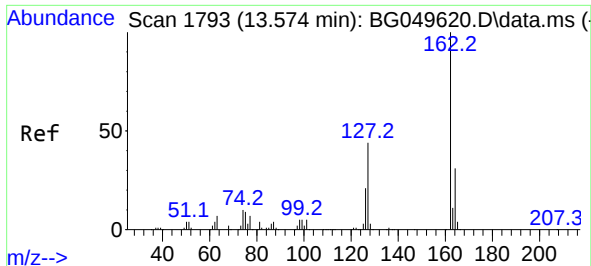


#46
1,1'-Biphenyl
Concen: 4.581 ng
RT: 13.523 min Scan# 1785
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



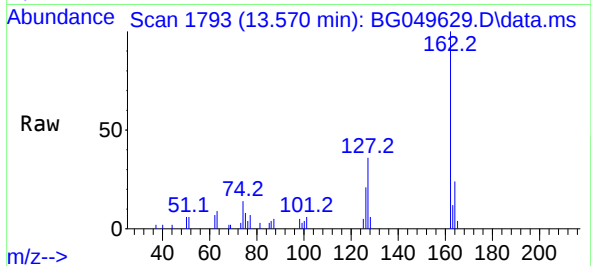
Tgt Ion:154 Resp: 18485
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 11.5 0.0 29.3





#47
2-Chloronaphthalene
Concen: 4.544 ng
RT: 13.570 min Scan# 1793
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

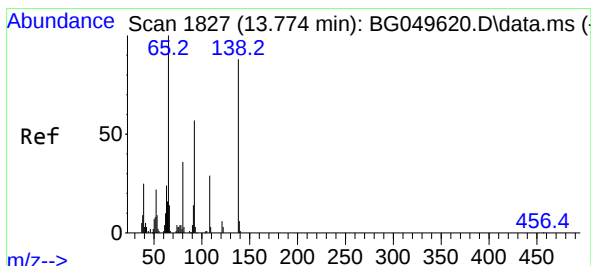
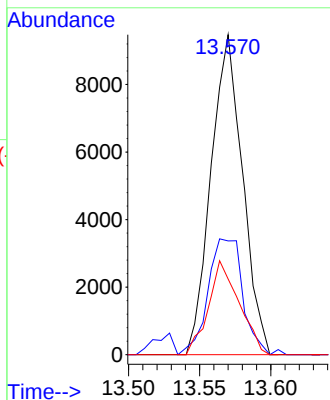
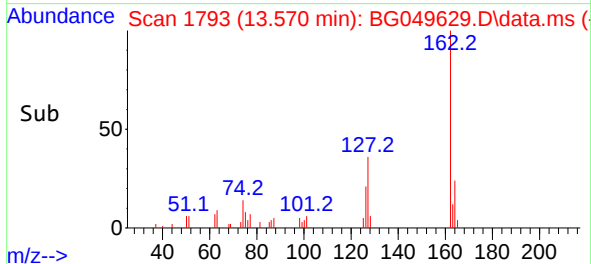
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



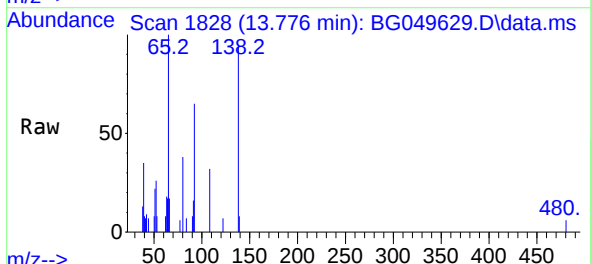
Tgt Ion:162 Resp: 14644
Ion Ratio Lower Upper
162 100
127 35.6 32.7 49.1
164 23.7 27.0 40.4#

Manual Integrations
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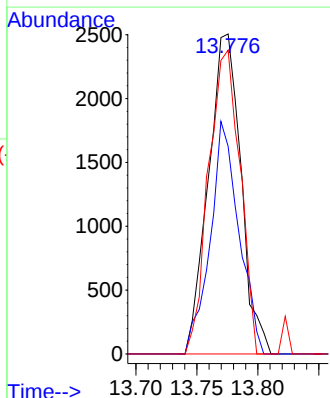
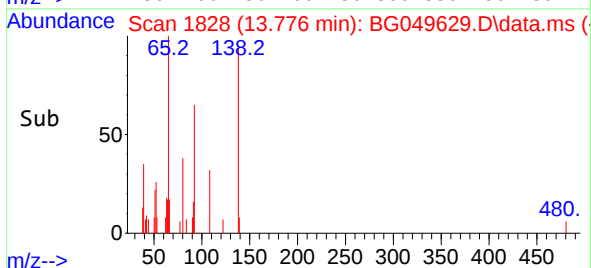
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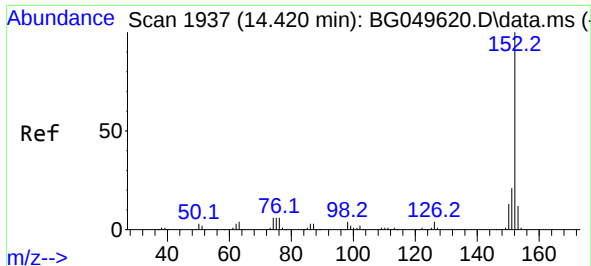


#48
2-Nitroaniline
Concen: 3.923 ng
RT: 13.776 min Scan# 1828
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

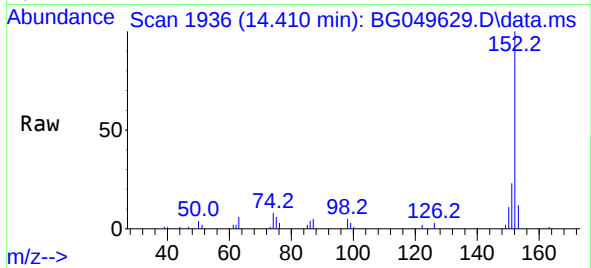


Tgt Ion: 65 Resp: 4643
Ion Ratio Lower Upper
65 100
92 64.9 47.2 70.8
138 94.9 68.0 102.0

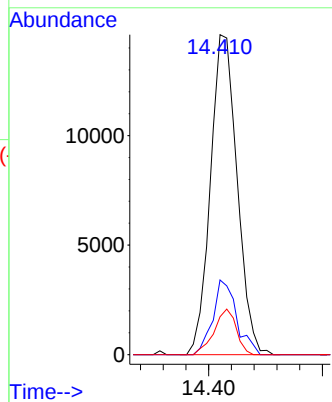
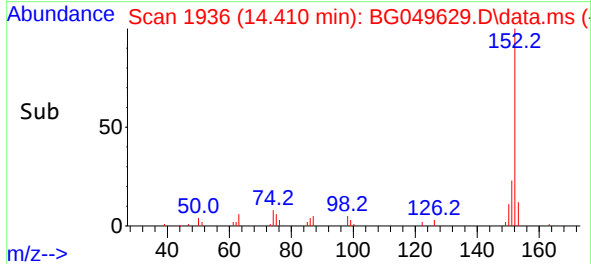




#49
Acenaphthylene
Concen: 4.662 ng
RT: 14.410 min Scan# 1936
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



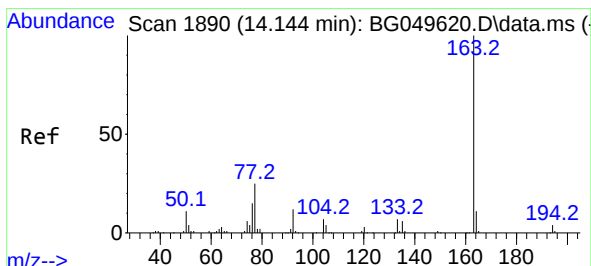
Tgt Ion:152 Resp: 23812
Ion Ratio Lower Upper
152 100
151 23.3 18.2 27.4
153 11.8 11.7 17.5



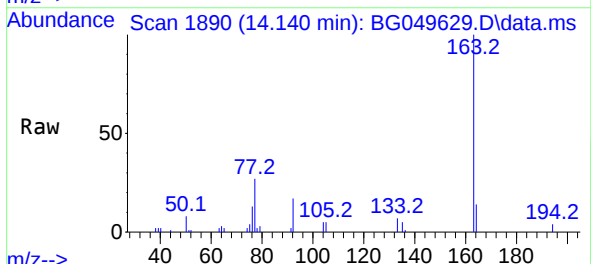
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

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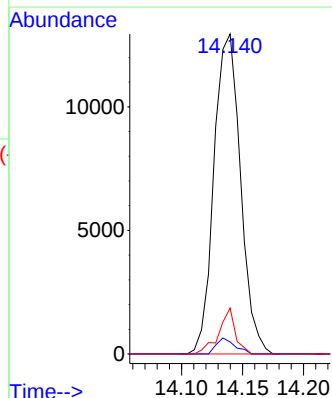
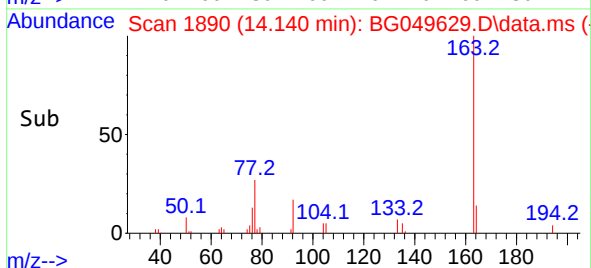
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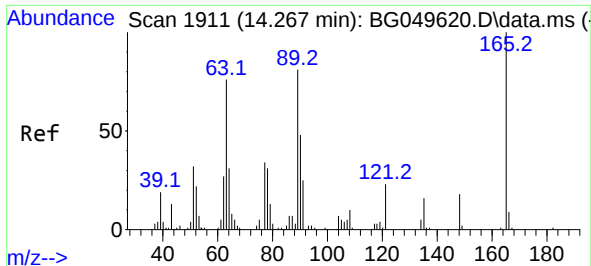


#50
Dimethylphthalate
Concen: 4.591 ng
RT: 14.140 min Scan# 1890
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

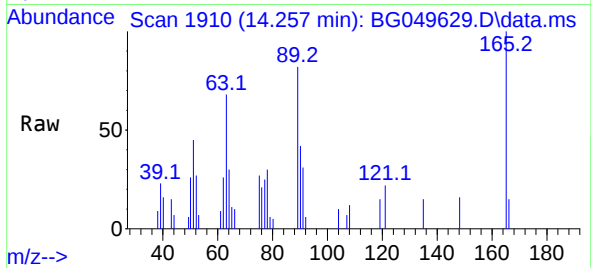


Tgt Ion:163 Resp: 19624
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 14.4 8.6 12.8#

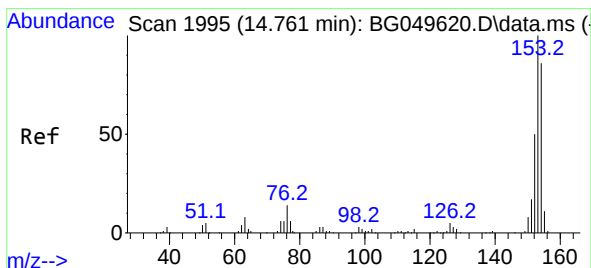
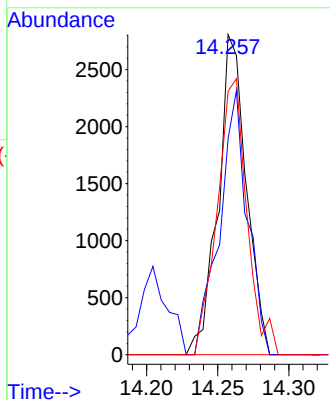
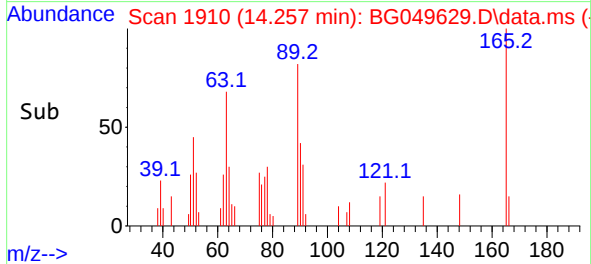




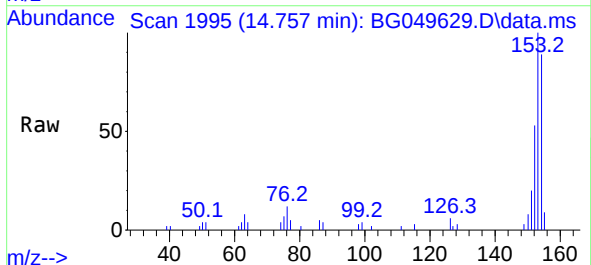
#51
2,6-Dinitrotoluene
Concen: 4.116 ng
RT: 14.257 min Scan# 1910
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



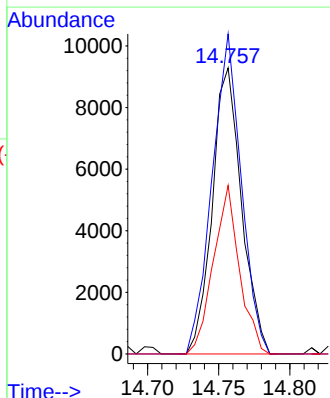
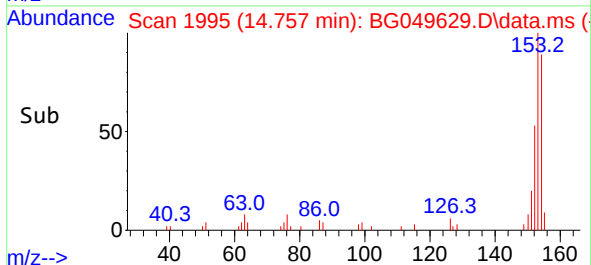
Tgt Ion:165 Resp: 3874
Ion Ratio Lower Upper
165 100
63 67.6 63.3 94.9
89 82.3 63.4 95.0



#52
Acenaphthene
Concen: 4.330 ng
RT: 14.757 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



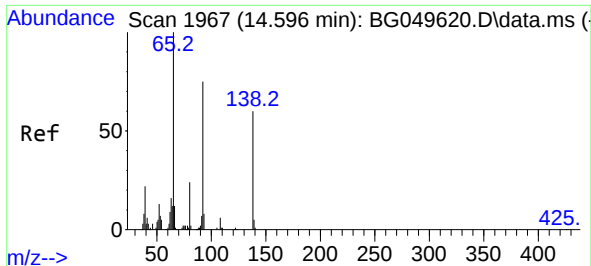
Tgt Ion:154 Resp: 13325
Ion Ratio Lower Upper
154 100
153 111.8 87.0 130.4
152 58.9 40.1 60.1



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

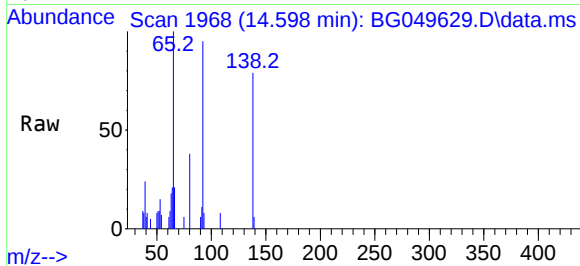
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#53
3-Nitroaniline
Concen: 3.856 ng
RT: 14.598 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

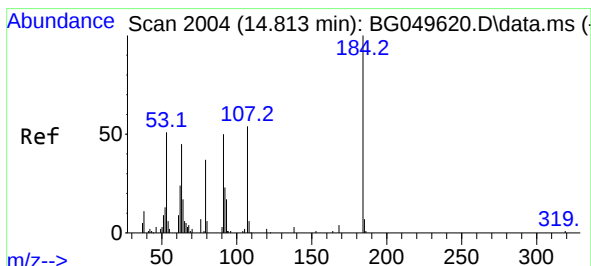
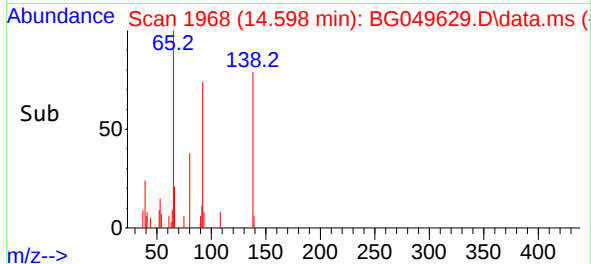
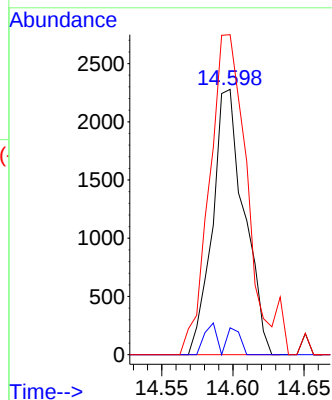
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



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

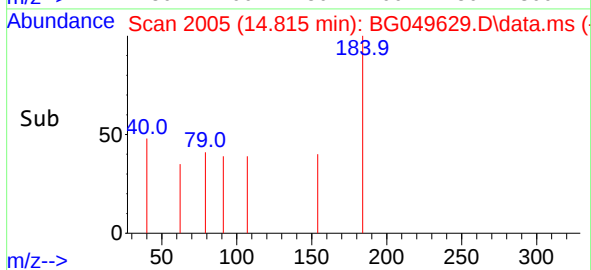
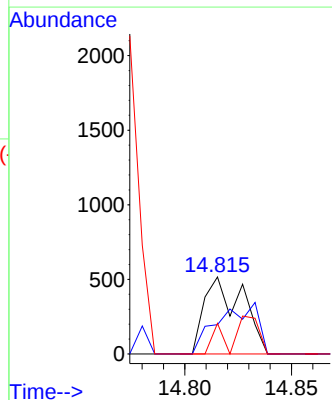
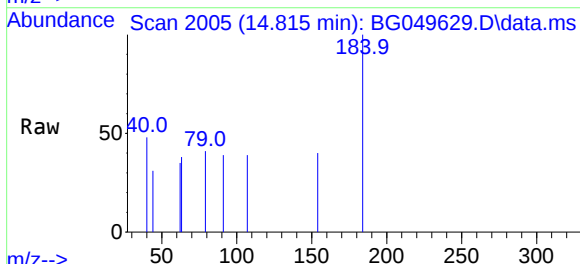
Manual Integrations
APPROVED

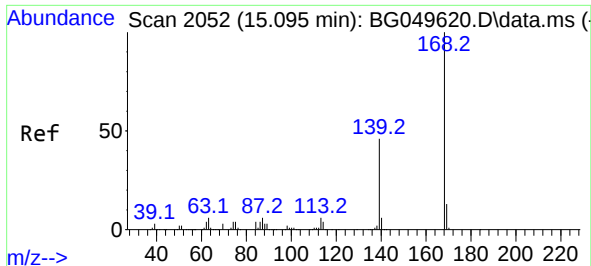
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#54
2,4-Dinitrophenol
Concen: 1.198 ng
RT: 14.815 min Scan# 2005
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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#





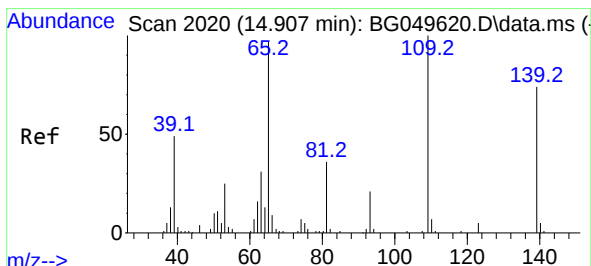
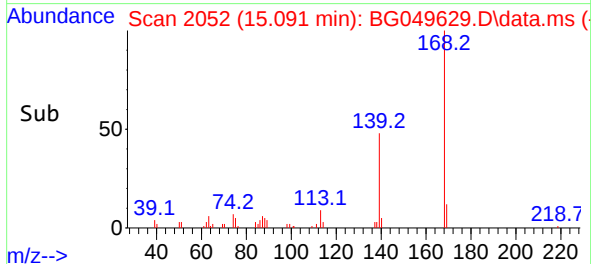
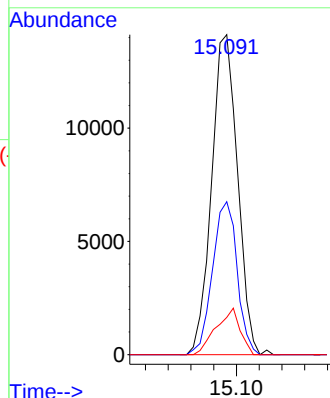
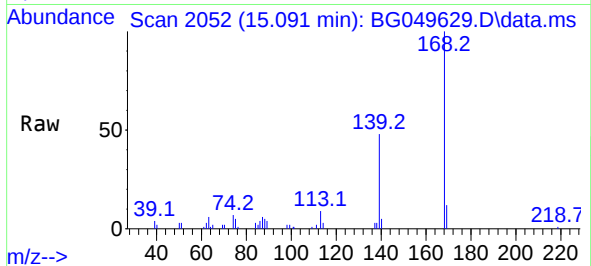
#55
Dibenzenofuran
Concen: 4.485 ng
RT: 15.091 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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#

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

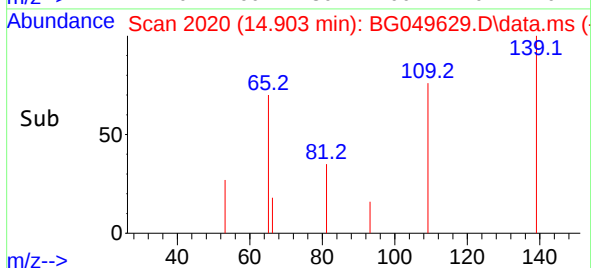
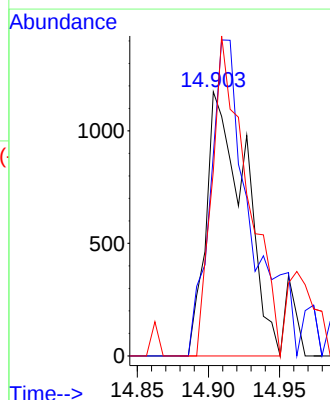
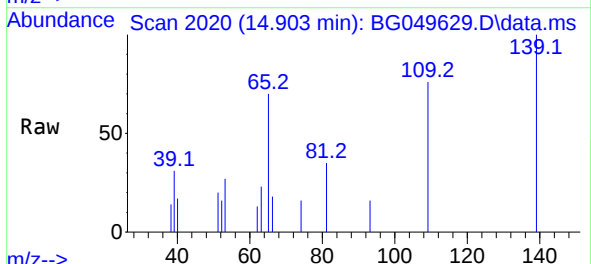
Manual Integrations
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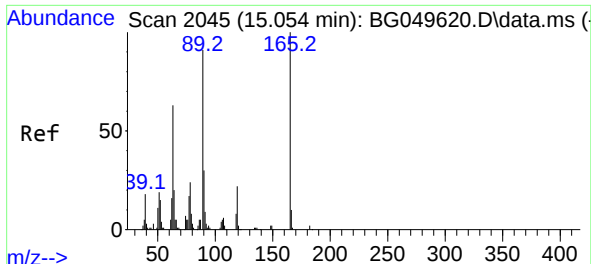
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#56
4-Nitrophenol
Concen: 3.344 ng
RT: 14.903 min Scan# 2020
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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#





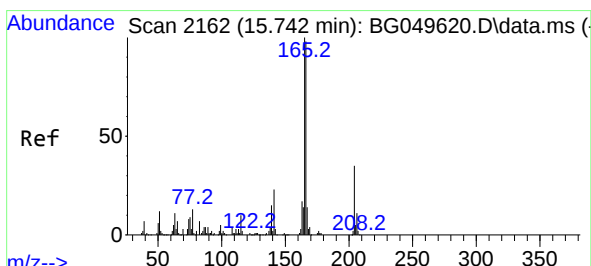
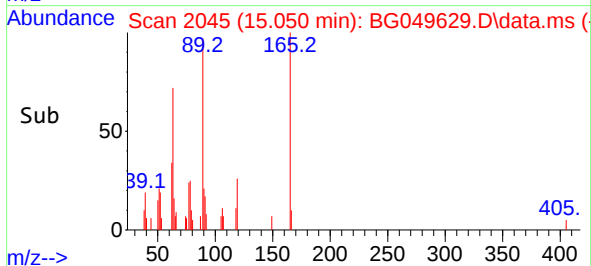
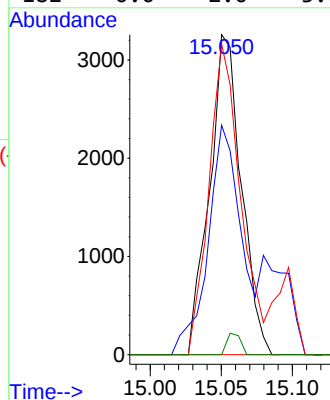
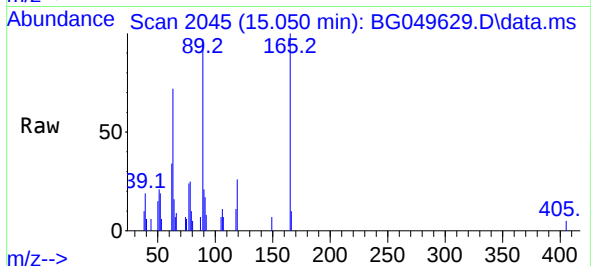
#57
2,4-Dinitrotoluene
Concen: 3.830 ng
RT: 15.050 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt 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#

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

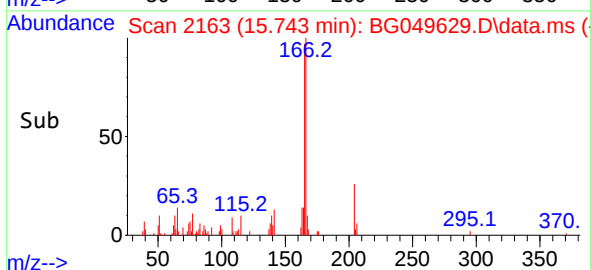
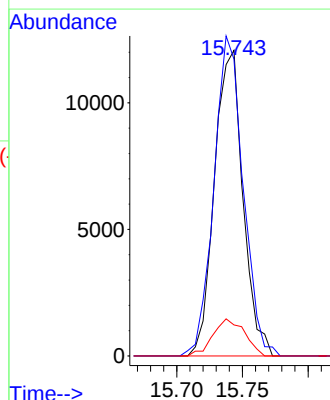
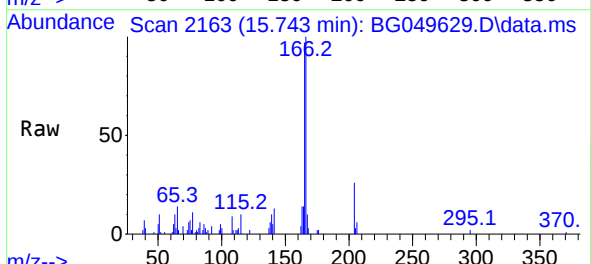
Manual Integrations
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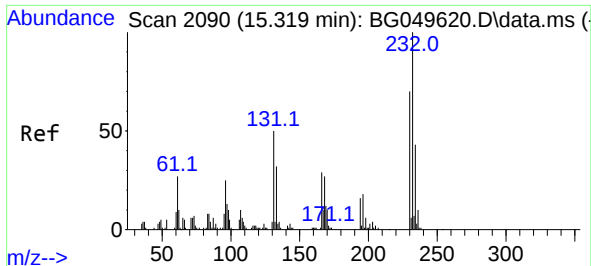
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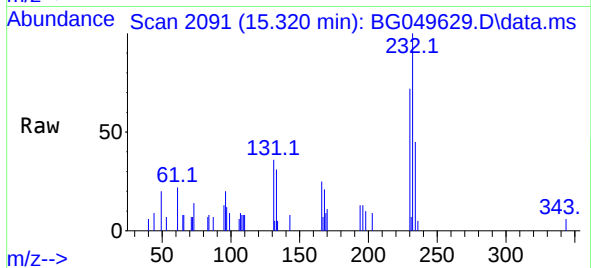
#58
Fluorene
Concen: 4.487 ng
RT: 15.743 min Scan# 2163
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.7	116.5
167	10.2	10.8	16.2#

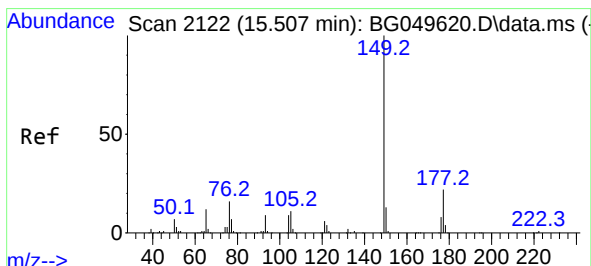
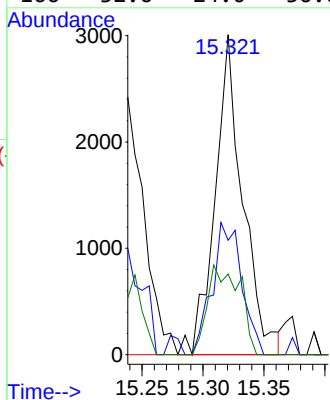
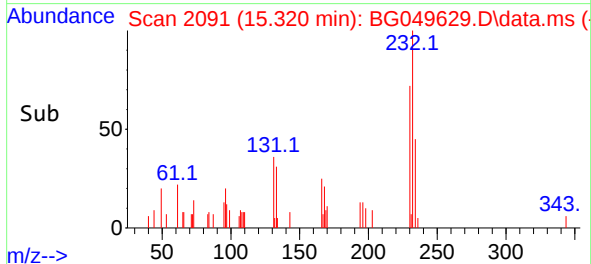




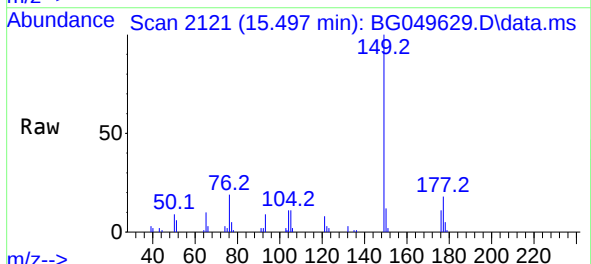
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.200 ng
RT: 15.320 min Scan# 2091
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



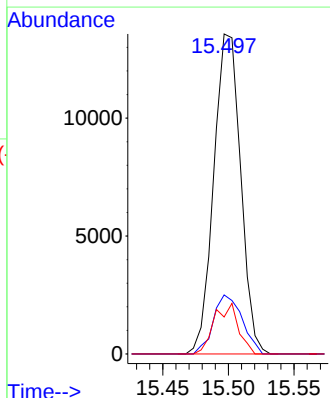
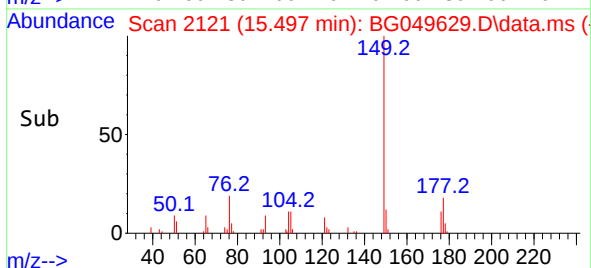
Tgt Ion:232 Resp: 4763
Ion Ratio Lower Upper
232 100
131 44.1 37.2 55.8
130 0.0 2.8 4.2#
166 32.6 24.0 36.0



#60
Diethylphthalate
Concen: 4.497 ng
RT: 15.497 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



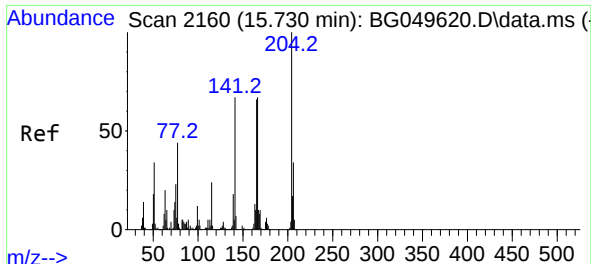
Tgt Ion:149 Resp: 19331
Ion Ratio Lower Upper
149 100
177 18.5 19.0 28.6#
150 11.5 10.2 15.4



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

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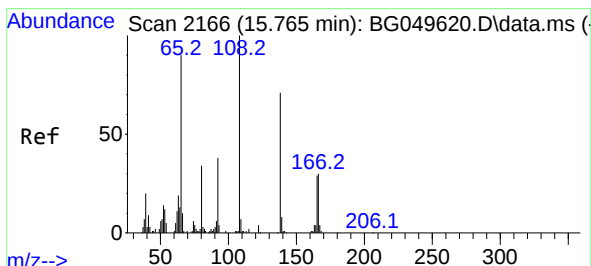
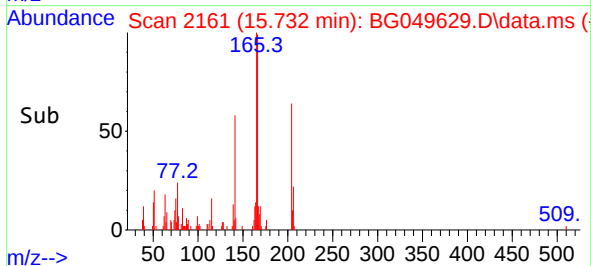
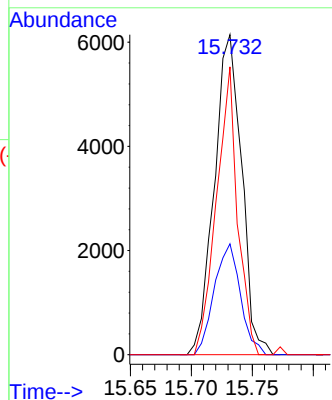
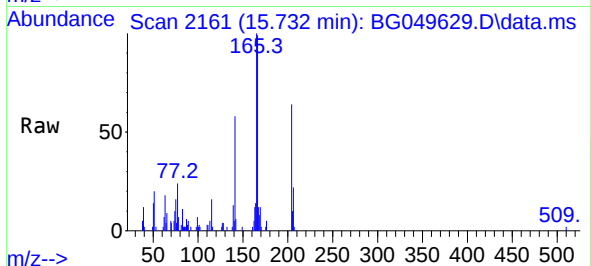
#61
4-Chlorophenyl-phenylether
Concen: 4.431 ng
RT: 15.732 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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#

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

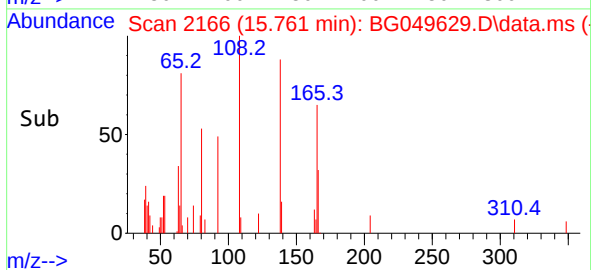
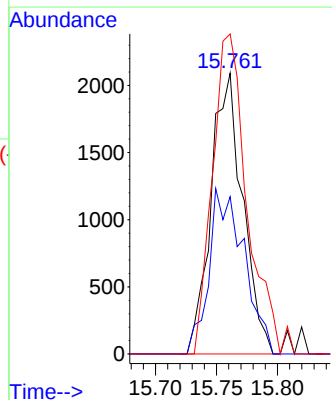
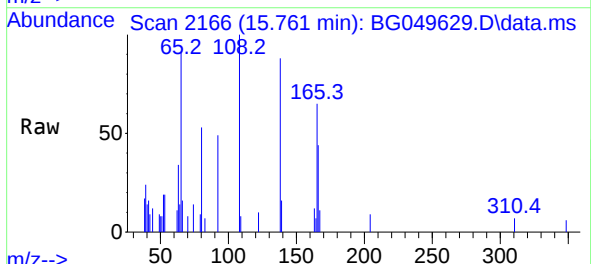
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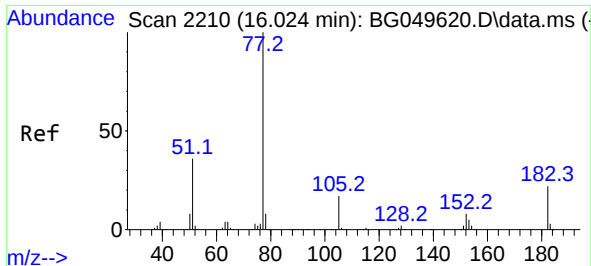
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#62
4-Nitroaniline
Concen: 4.009 ng
RT: 15.761 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

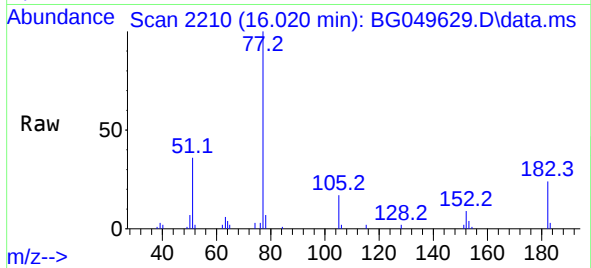
Tgt Ion:138 Resp: 3785
Ion Ratio Lower Upper
138 100
92 56.0 32.3 72.3
108 114.0 132.4 172.4#





#63
Azobenzene
Concen: 4.603 ng
RT: 16.020 min Scan# 2210
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

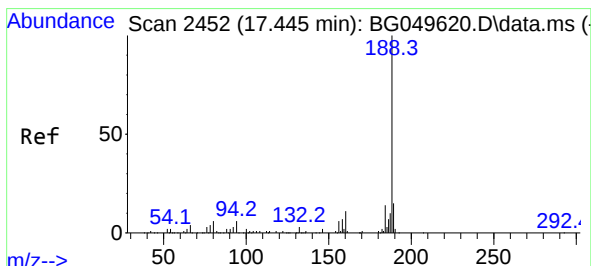
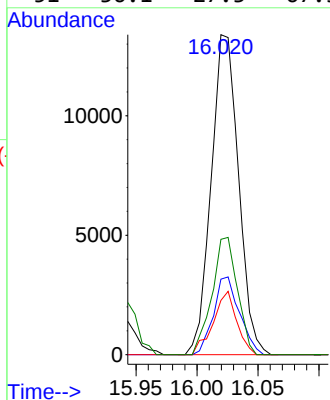
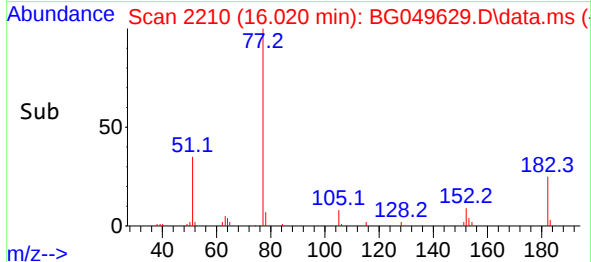
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



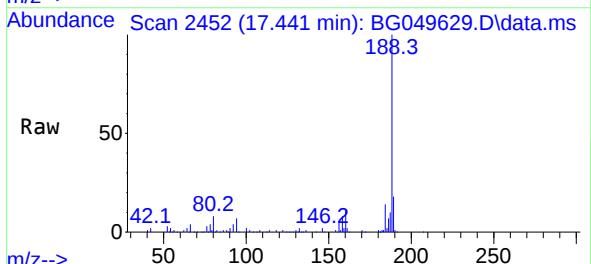
Tgt Ion:	77	Resp:	20945
Ion	Ratio	Lower	Upper
77	100		
182	23.6	7.9	47.9
105	16.9	0.0	37.9
51	36.1	27.3	67.3

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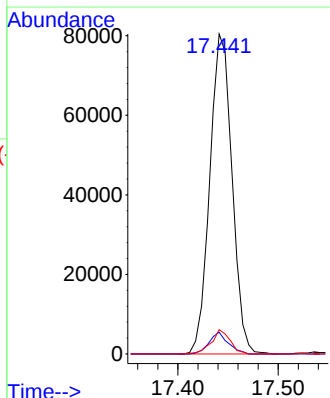
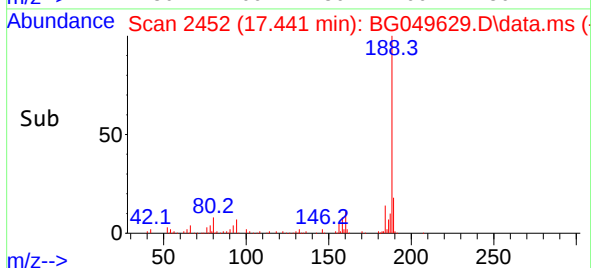
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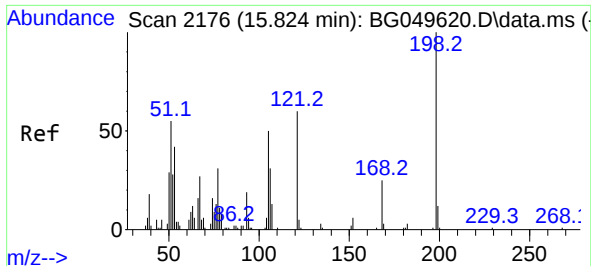


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



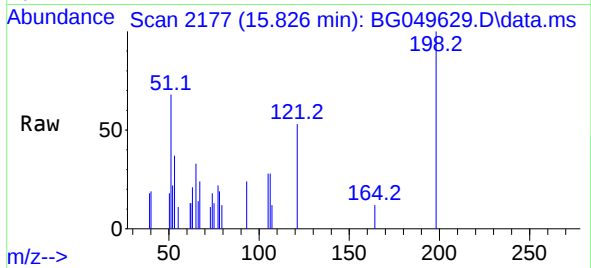
Tgt Ion:	188	Resp:	123825
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.0
80	7.6	3.7	5.5





#65
4,6-Dinitro-2-methylphenol
Concen: 2.783 ng
RT: 15.826 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

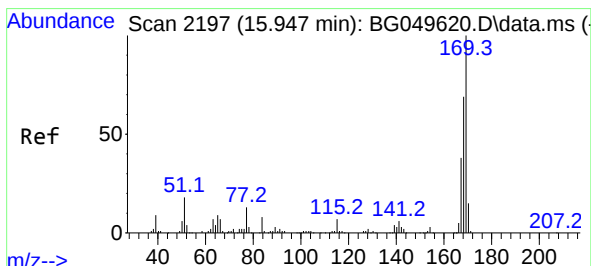
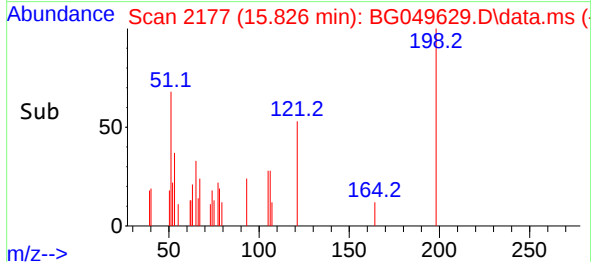
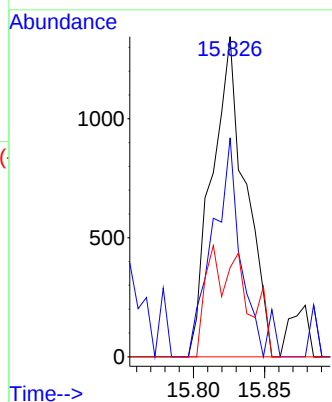
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



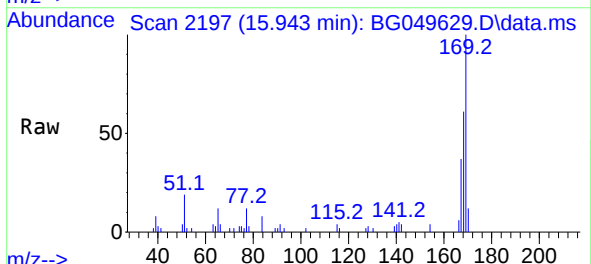
Tgt Ion:198 Resp: 2215
Ion Ratio Lower Upper
198 100
51 68.4 29.4 69.4
105 27.9 15.1 55.1

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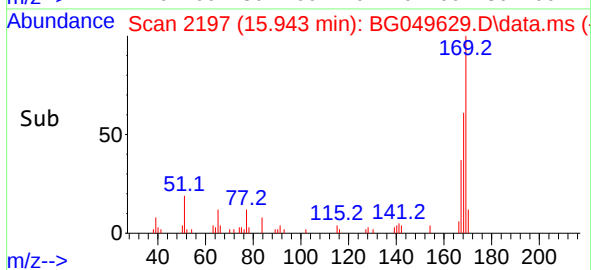
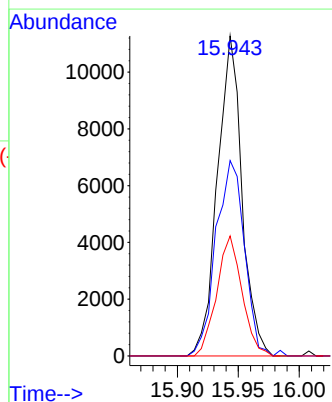
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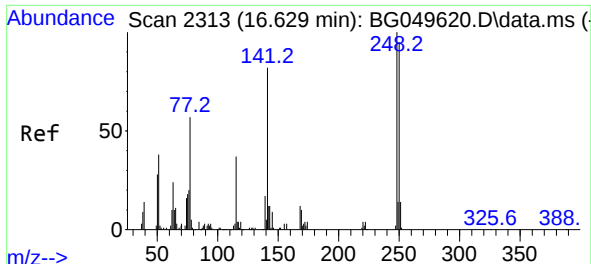


#66
n-Nitrosodiphenylamine
Concen: 4.514 ng
RT: 15.943 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

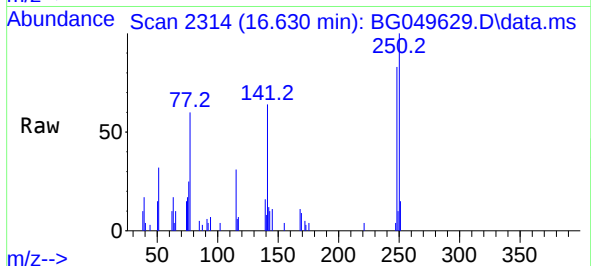


Tgt Ion:169 Resp: 15794
Ion Ratio Lower Upper
169 100
168 61.0 56.3 84.5
167 37.5 28.4 42.6

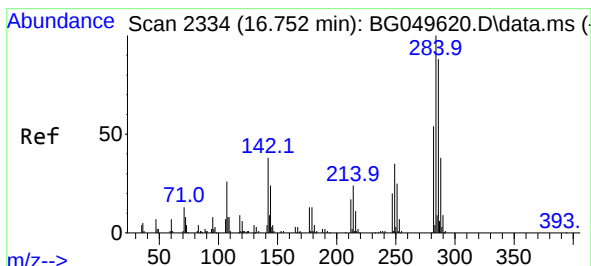
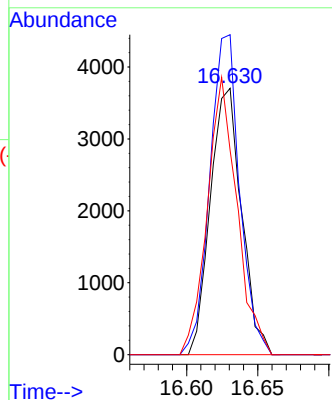
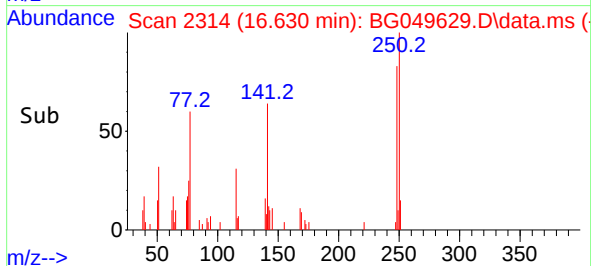




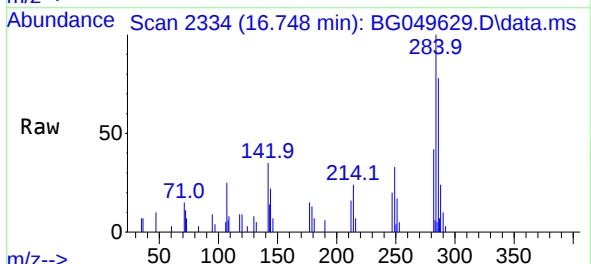
#67
4-Bromophenyl-phenylether
Concen: 3.872 ng
RT: 16.630 min Scan# 2314
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



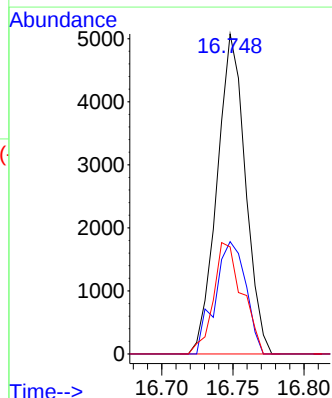
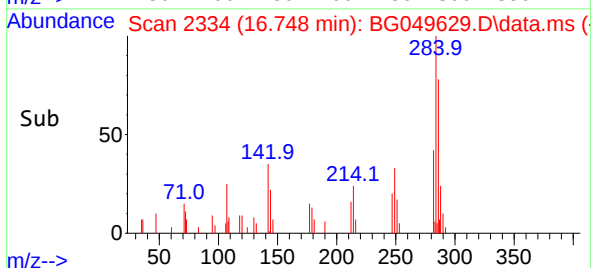
Tgt Ion:248 Resp: 5646
Ion Ratio Lower Upper
248 100
250 120.1 76.1 114.1#
141 76.7 65.4 98.2



#68
Hexachlorobenzene
Concen: 4.354 ng
RT: 16.748 min Scan# 2334
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



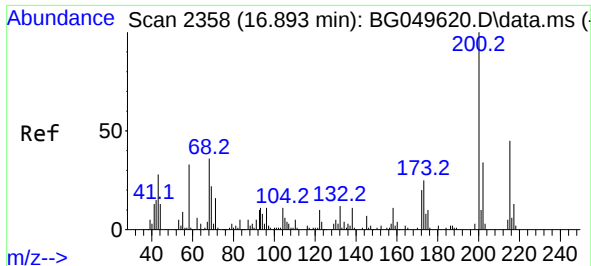
Tgt Ion:284 Resp: 7054
Ion Ratio Lower Upper
284 100
142 35.1 27.0 40.6
249 33.5 28.2 42.2



Instrument :
BNA_G
ClientSampleId :
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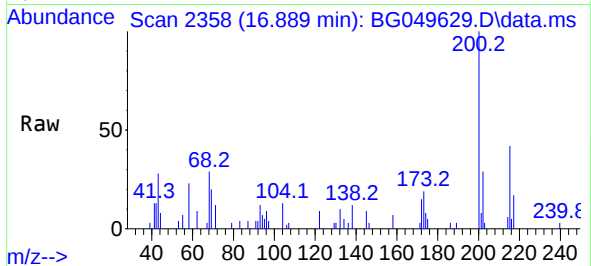
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#69
Atrazine
Concen: 5.562 ng
RT: 16.889 min Scan# 2358
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

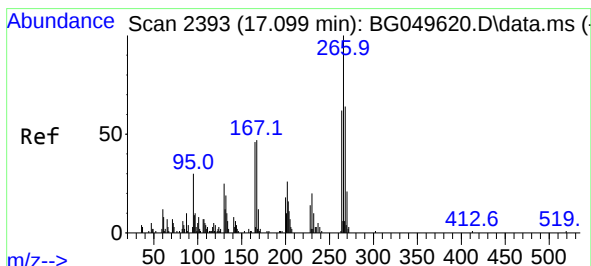
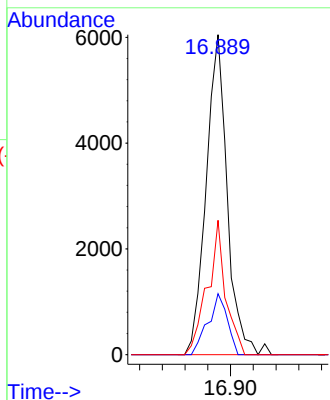
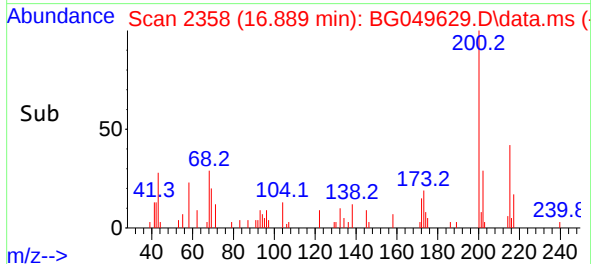
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



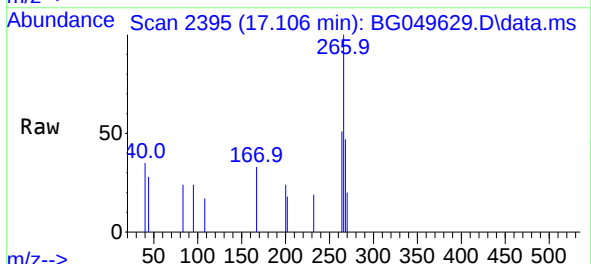
Tgt Ion:200 Resp: 7785
Ion Ratio Lower Upper
200 100
173 19.1 3.7 43.7
215 42.0 26.9 66.9

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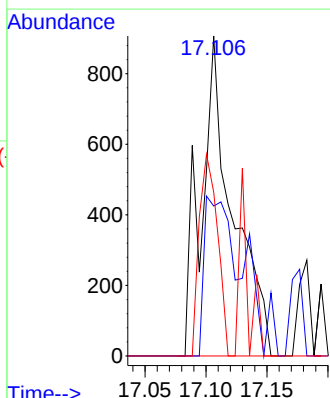
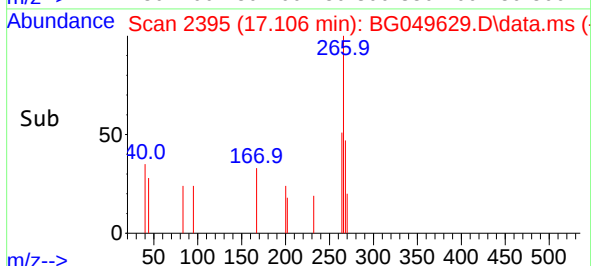
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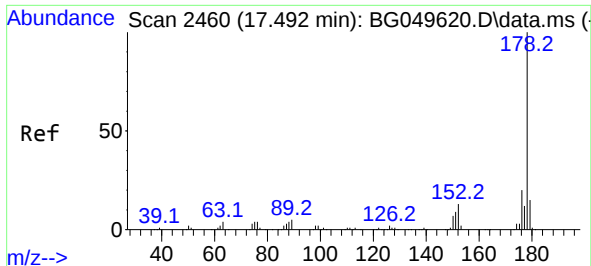


#70
Pentachlorophenol
Concen: 1.883 ng
RT: 17.106 min Scan# 2395
Delta R.T. 0.008 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



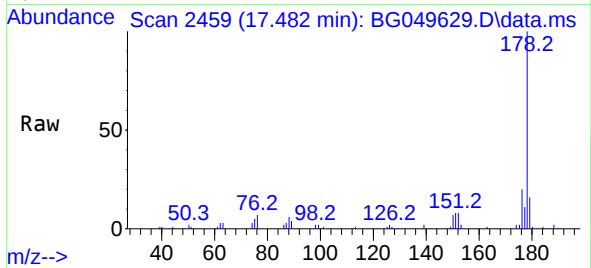
Tgt Ion:266 Resp: 1636
Ion Ratio Lower Upper
266 100
268 46.9 49.0 73.4#
264 51.2 49.0 73.6





#71
Phenanthrene
Concen: 4.691 ng
RT: 17.482 min Scan# 2459
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

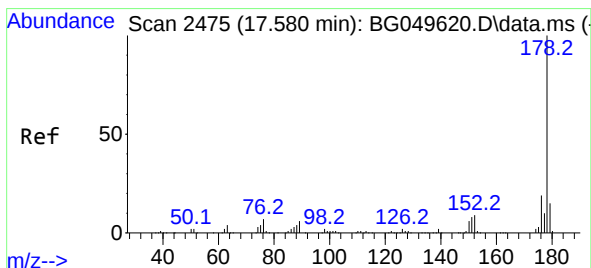
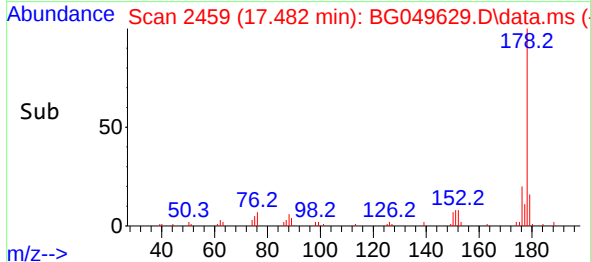
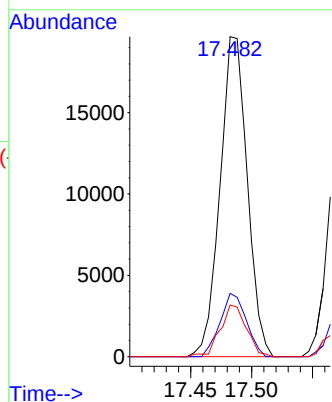
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



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

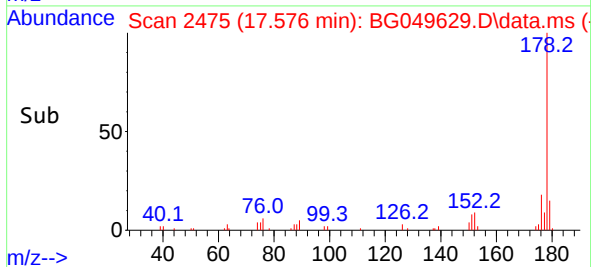
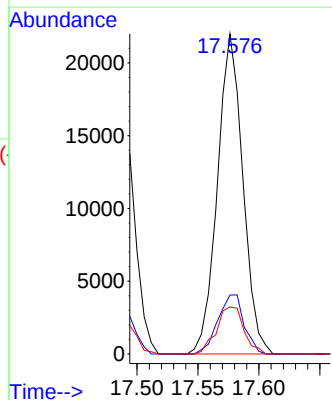
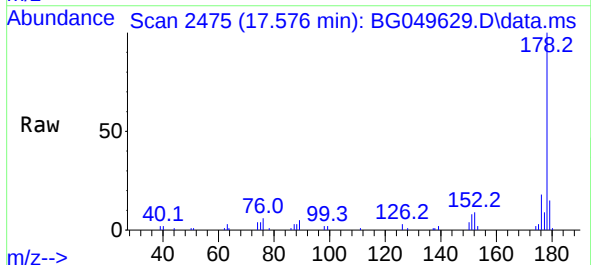
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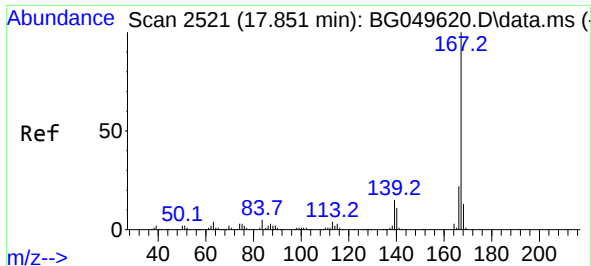
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#72
Anthracene
Concen: 4.990 ng
RT: 17.576 min Scan# 2475
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

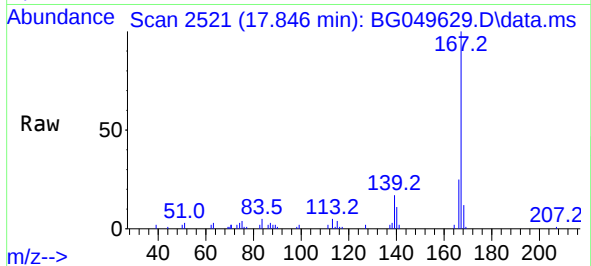
Tgt Ion:178 Resp: 31923
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 14.7 13.4 20.0





#73
 Carbazole
 Concen: 4.177 ng
 RT: 17.846 min Scan# 2521
 Delta R.T. -0.004 min
 Lab File: BG049629.D
 Acq: 3 Aug 2021 18:30

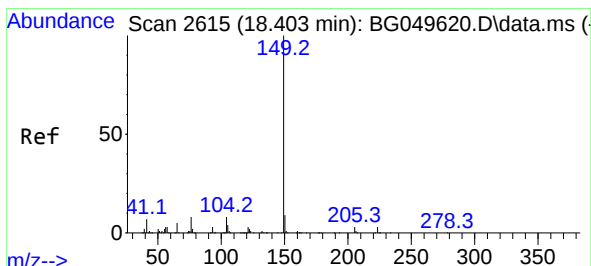
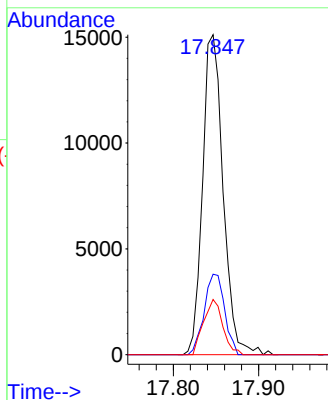
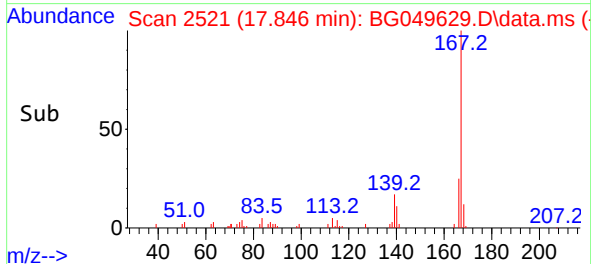
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2021



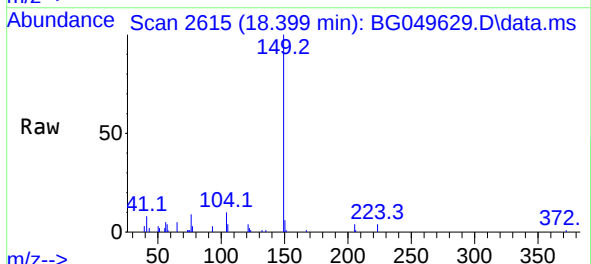
Tgt Ion:167 Resp: 25308
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.4 26.2
 139 17.2 10.7 16.1#

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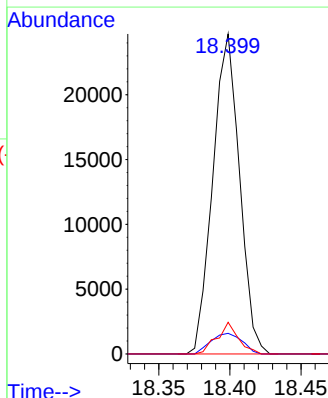
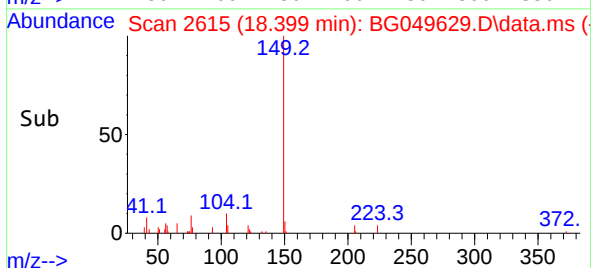
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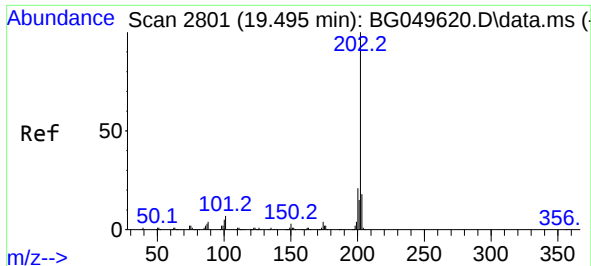


#74
 Di-n-butylphthalate
 Concen: 4.561 ng
 RT: 18.399 min Scan# 2615
 Delta R.T. -0.004 min
 Lab File: BG049629.D
 Acq: 3 Aug 2021 18:30



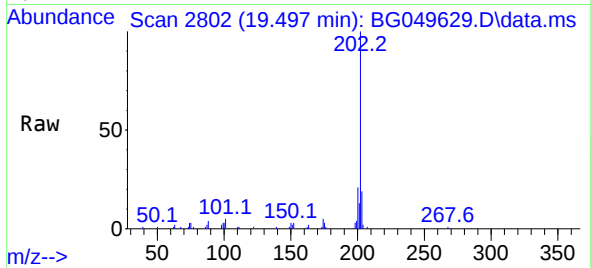
Tgt Ion:149 Resp: 32216
 Ion Ratio Lower Upper
 149 100
 150 6.5 7.5 11.3#
 104 9.9 6.6 10.0





#75
Fluoranthene
Concen: 4.533 ng
RT: 19.497 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

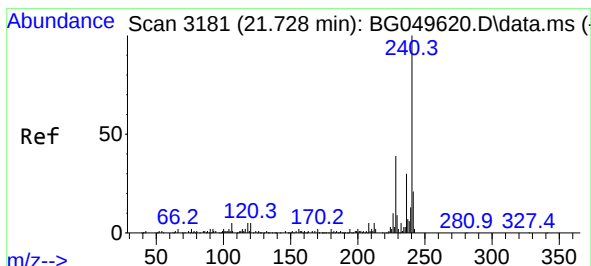
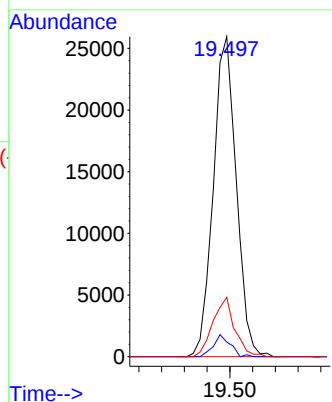
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



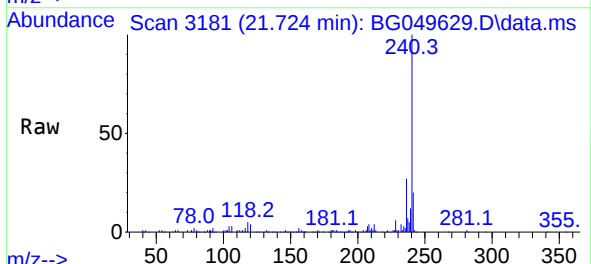
Tgt Ion:202 Resp: 36341
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.7
203 18.6 0.0 38.5

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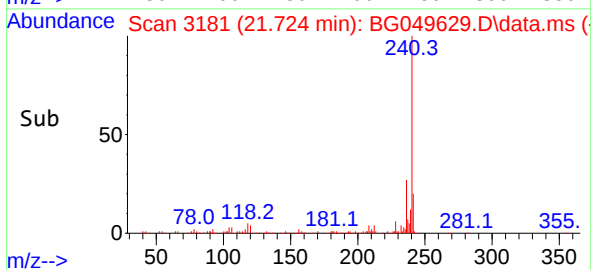
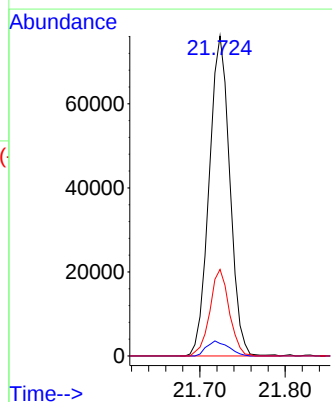
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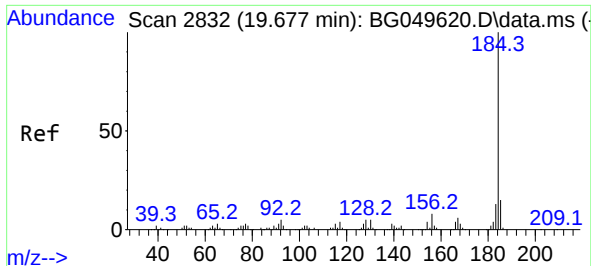


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



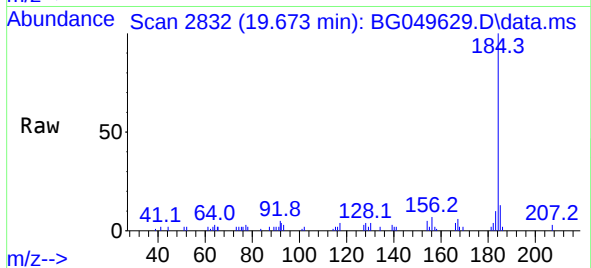
Tgt Ion:240 Resp: 128175
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 27.1 21.8 32.6





#77
Benzidine
Concen: 5.504 ng
RT: 19.673 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

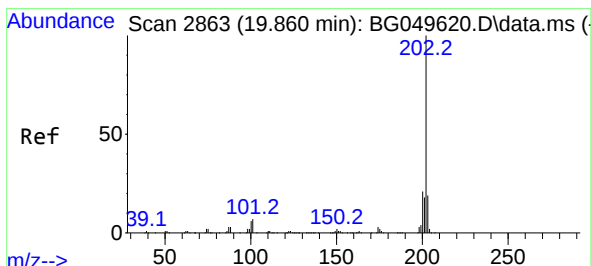
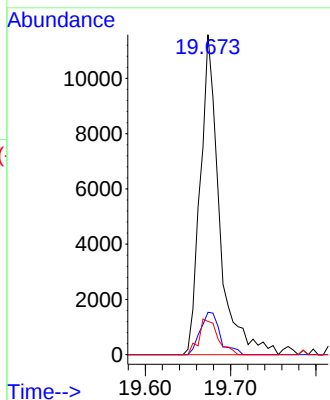
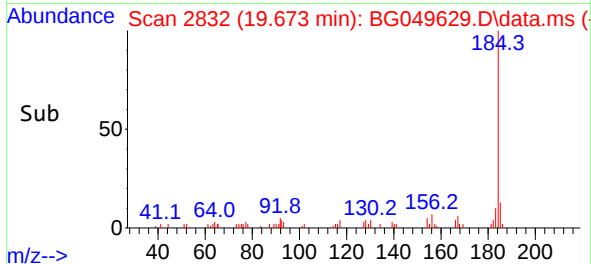
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



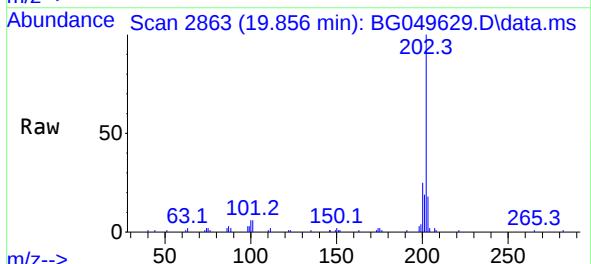
Tgt Ion:184 Resp: 18076
Ion Ratio Lower Upper
184 100
185 13.3 10.7 16.1
183 10.4 9.4 14.0

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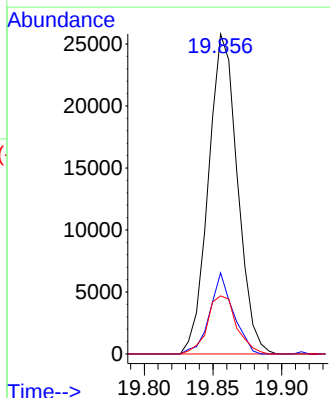
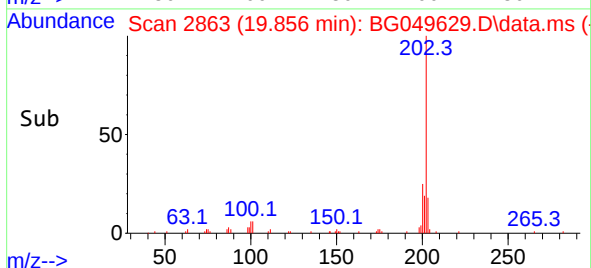
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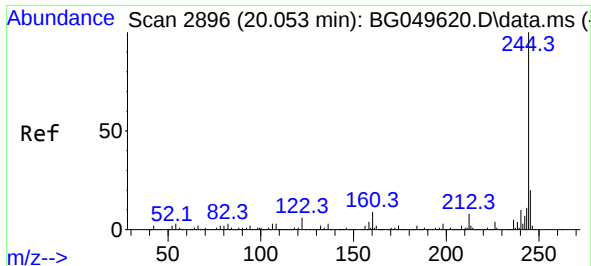


#78
Pyrene
Concen: 4.349 ng m
RT: 19.856 min Scan# 2863
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



Tgt Ion:202 Resp: 38000
Ion Ratio Lower Upper
202 100
200 25.3 15.8 23.8#
203 18.2 14.6 21.8





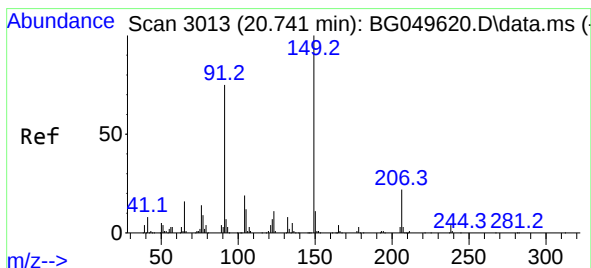
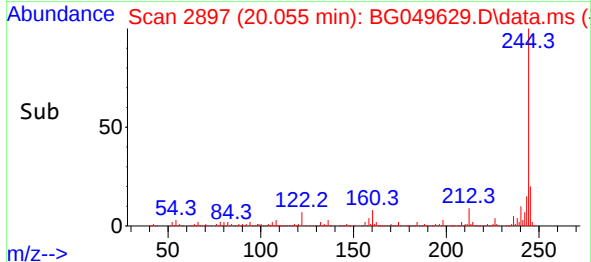
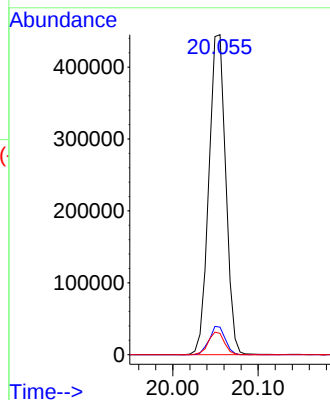
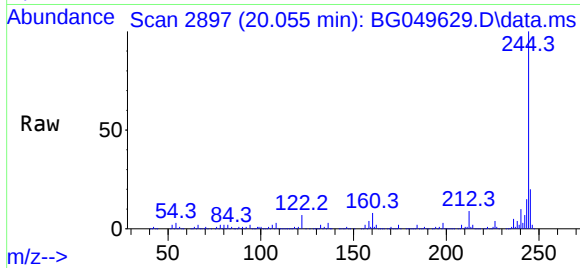
#79
Terphenyl-d14
Concen: 86.602 ng
RT: 20.055 min Scan# 2897
Delta R.T. 0.002 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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

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

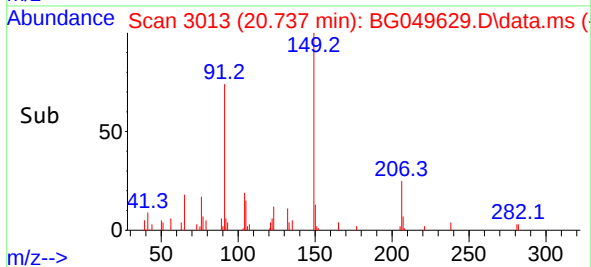
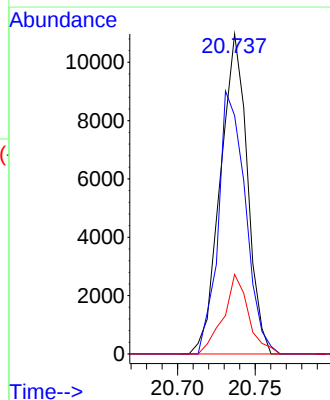
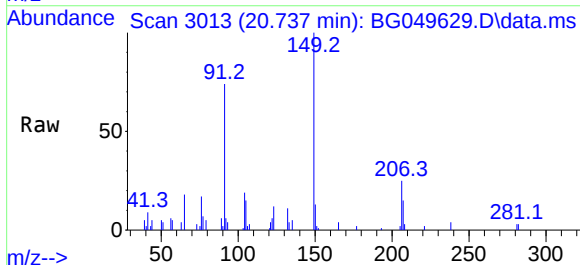
Manual Integrations
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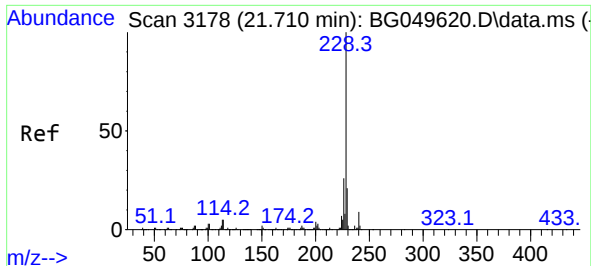
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#80
Butylbenzylphthalate
Concen: 3.976 ng
RT: 20.737 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

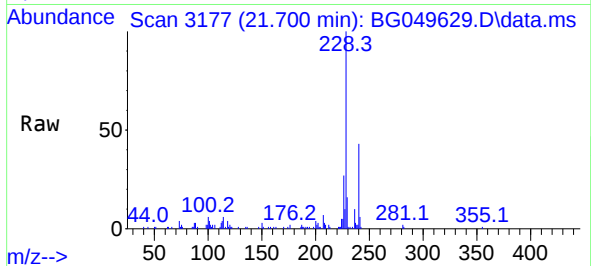
Tgt Ion:149 Resp: 13231
Ion Ratio Lower Upper
149 100
91 74.5 63.4 95.2
206 24.8 18.4 27.6





#81
Benzo(a)anthracene
Concen: 4.394 ng
RT: 21.700 min Scan# 3177
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

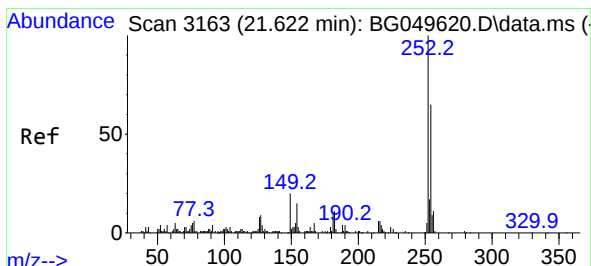
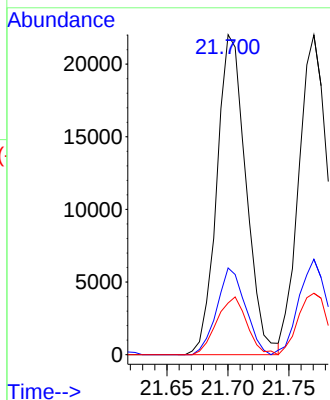
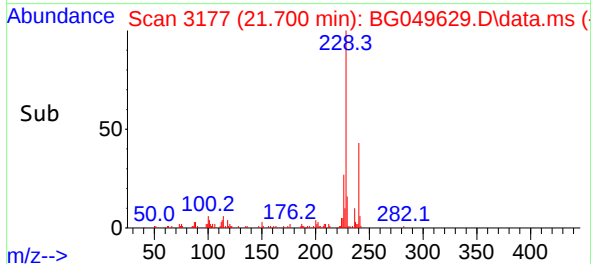
Instrument :
BNA_G
ClientSampleId :
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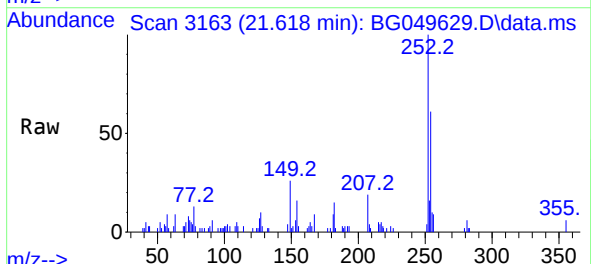
Tgt Ion:228 Resp: 36682
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 16.1 16.0 24.0

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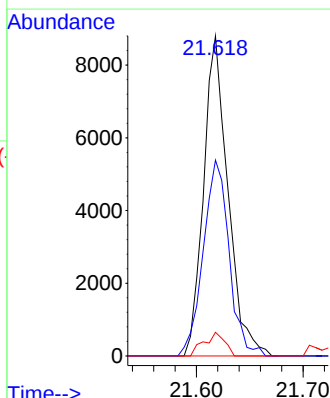
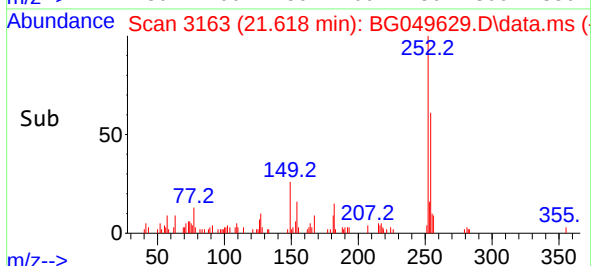
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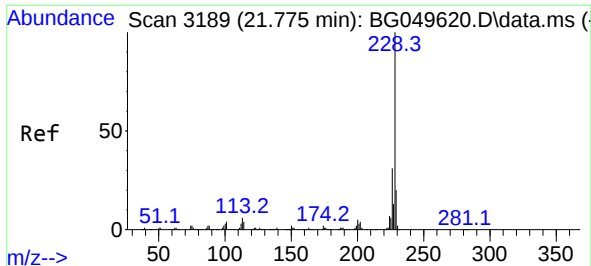


#82
3,3'-Dichlorobenzidine
Concen: 5.743 ng
RT: 21.618 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

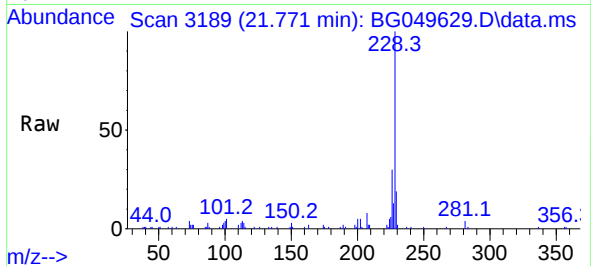


Tgt Ion:252 Resp: 13996
Ion Ratio Lower Upper
252 100
254 61.2 52.4 78.6
126 7.4 5.9 8.9

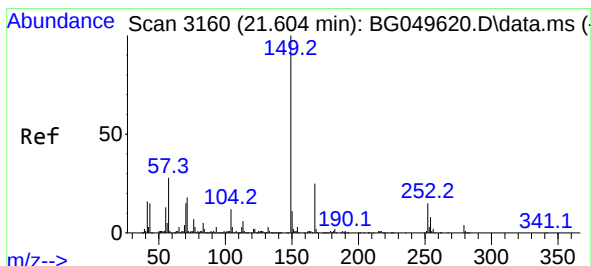
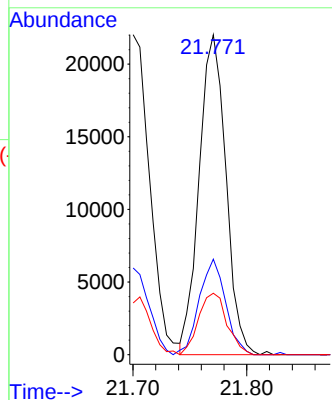
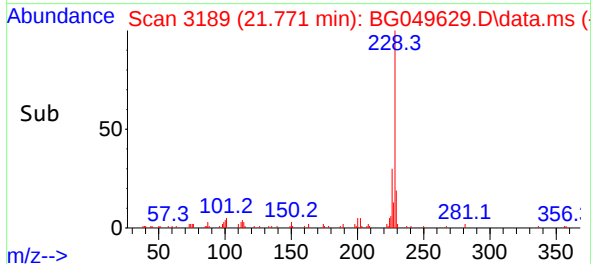




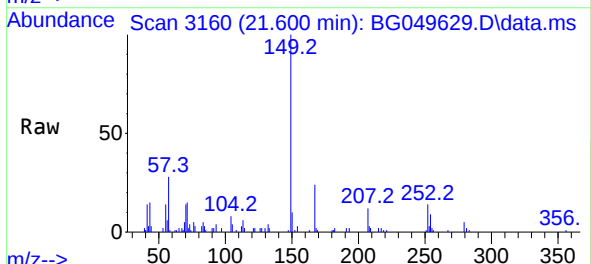
#83
Chrysene
Concen: 4.512 ng
RT: 21.771 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



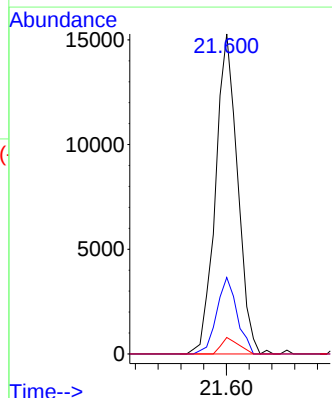
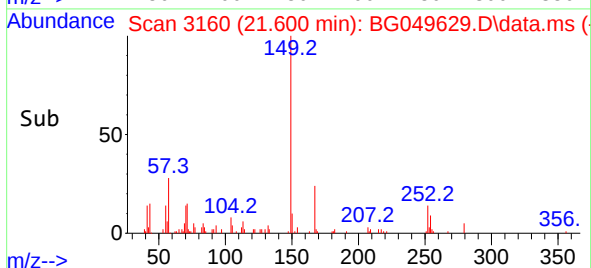
Tgt Ion:228 Resp: 36000
Ion Ratio Lower Upper
228 100
226 29.9 23.1 34.7
229 19.2 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.358 ng
RT: 21.600 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



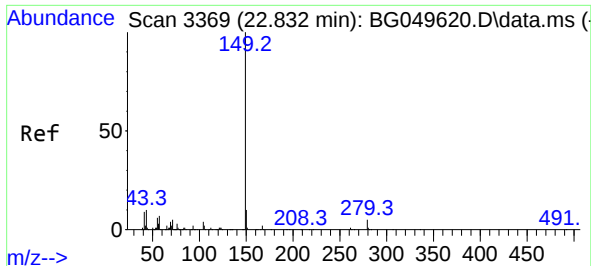
Tgt Ion:149 Resp: 20529
Ion Ratio Lower Upper
149 100
167 23.9 22.3 33.5
279 5.2 3.8 5.8



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

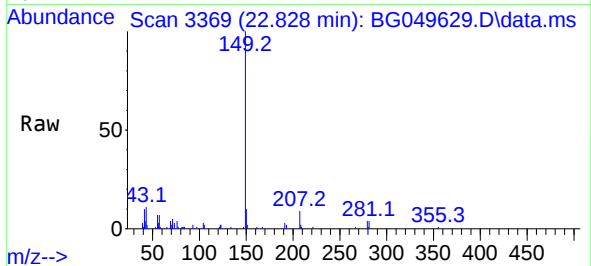
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#85
Di-n-octyl phthalate
Concen: 4.431 ng
RT: 22.828 min Scan# 3369
Delta R.T. -0.004 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

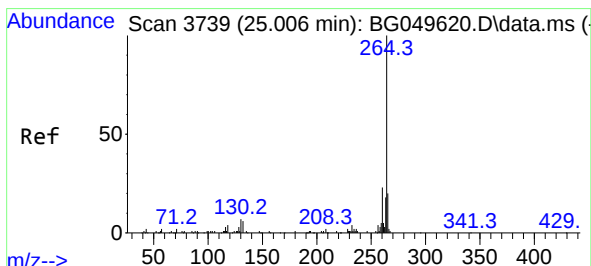
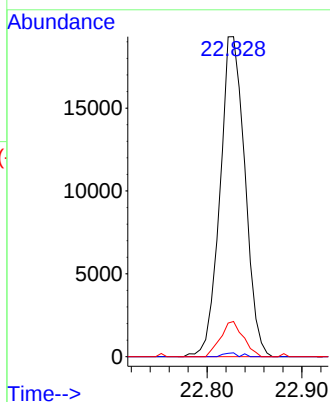
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



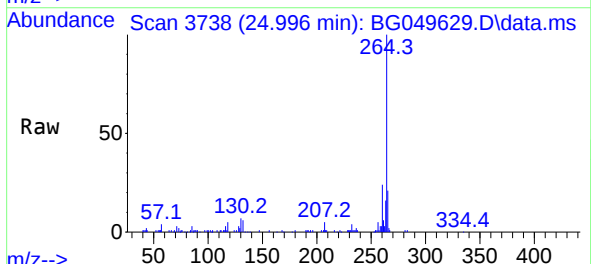
Tgt Ion:149 Resp: 35265
Ion Ratio Lower Upper
149 100
167 0.8 1.4 2.2#
43 10.0 8.6 12.8

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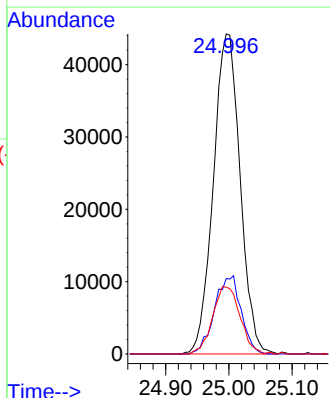
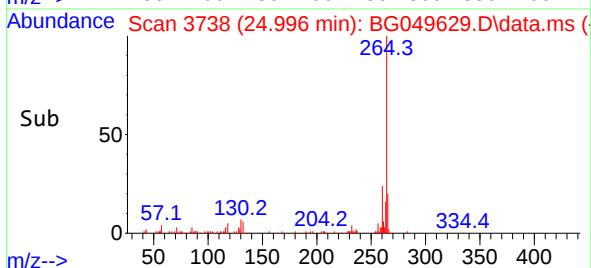
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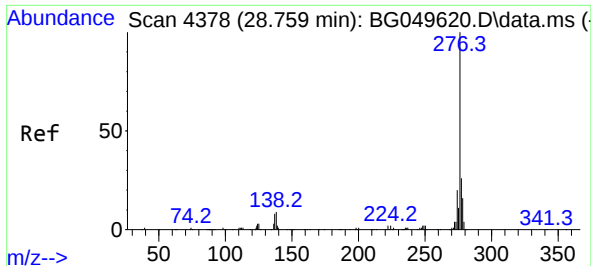


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.996 min Scan# 3738
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



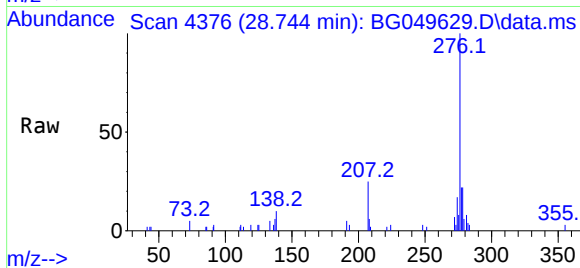
Tgt Ion:264 Resp: 130332
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.9 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.815 ng
RT: 28.744 min Scan# 4376
Delta R.T. -0.016 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

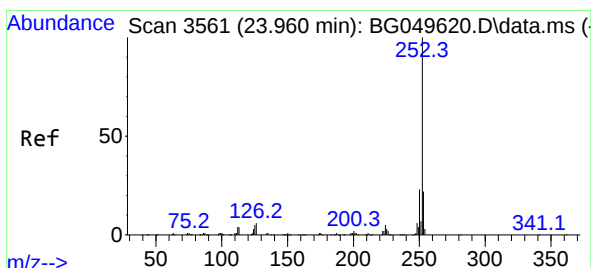
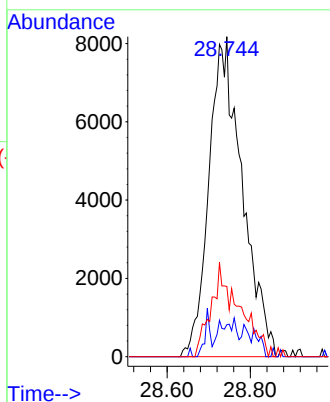
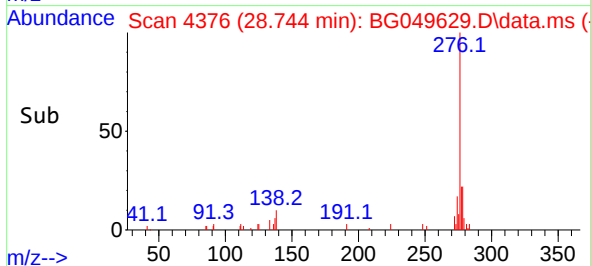
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



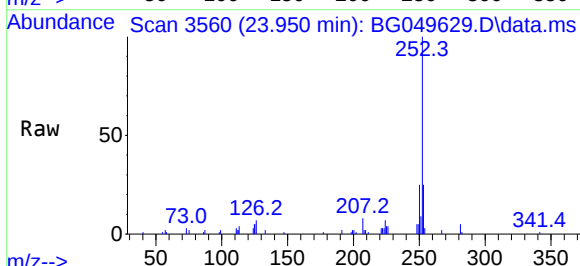
Tgt Ion:276 Resp: 45260
Ion Ratio Lower Upper
276 100
138 1.6 5.1 7.7#
277 13.9 19.8 29.6#

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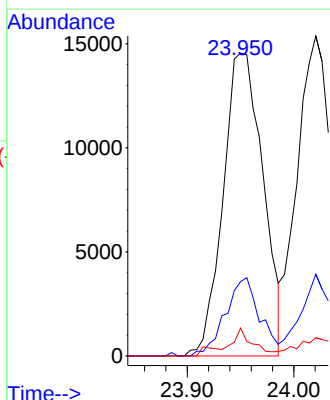
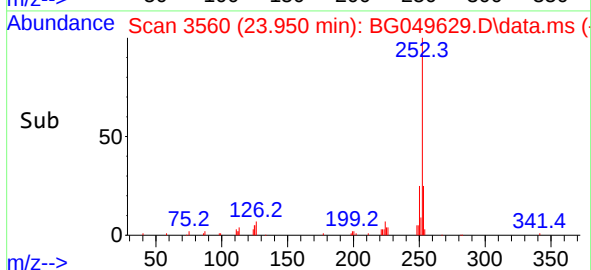
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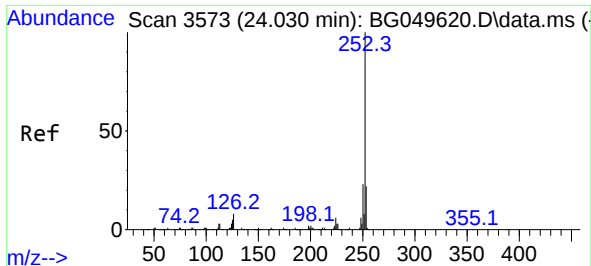


#88
Benzo(b)fluoranthene
Concen: 4.420 ng
RT: 23.950 min Scan# 3560
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30



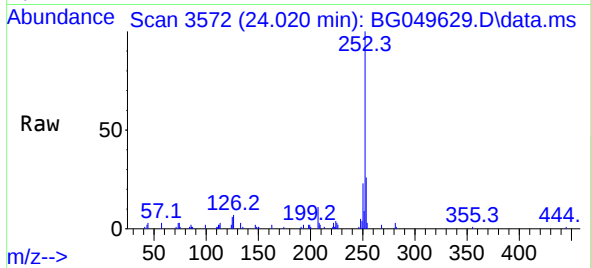
Tgt Ion:252 Resp: 37782
Ion Ratio Lower Upper
252 100
253 24.6 16.2 24.4#
125 9.2 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 4.677 ng
RT: 24.020 min Scan# 3572
Delta R.T. -0.010 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

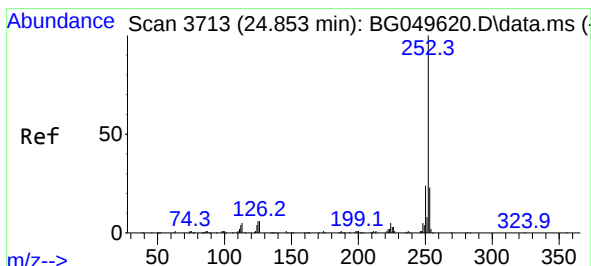
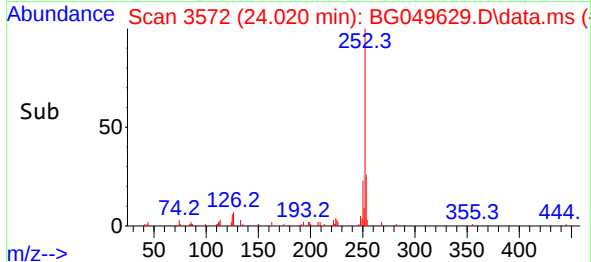
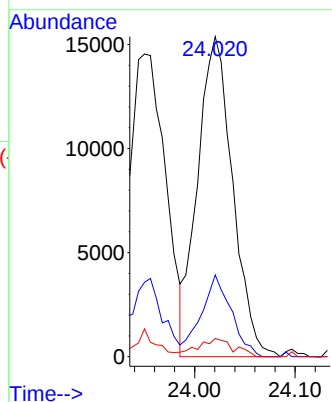
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021



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#

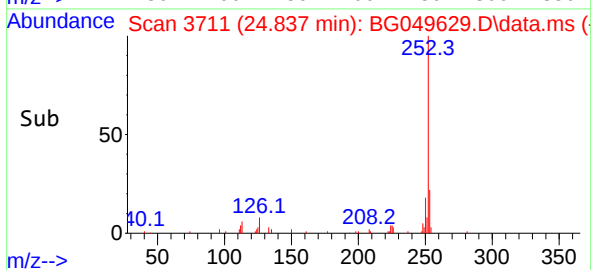
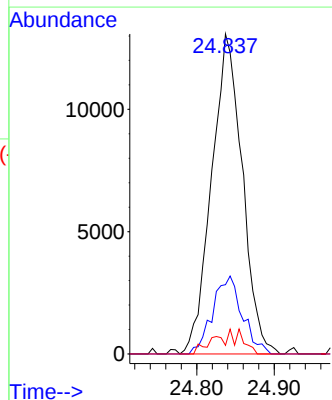
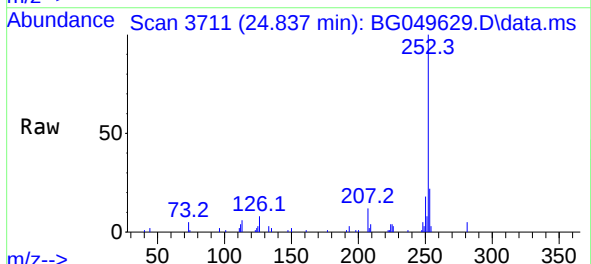
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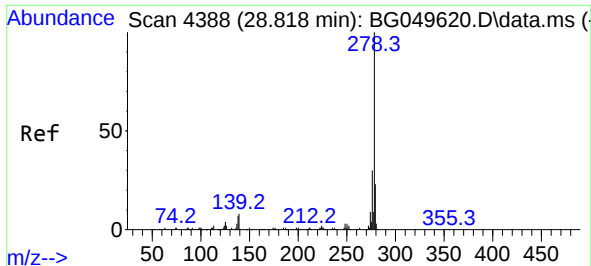
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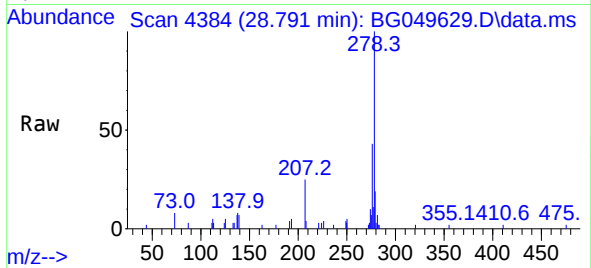
#90
Benzo(a)pyrene
Concen: 4.652 ng
RT: 24.837 min Scan# 3711
Delta R.T. -0.016 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

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: 4.937 ng
RT: 28.791 min Scan# 4384
Delta R.T. -0.027 min
Lab File: BG049629.D
Acq: 3 Aug 2021 18:30

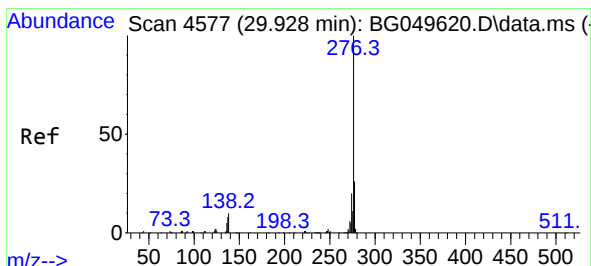
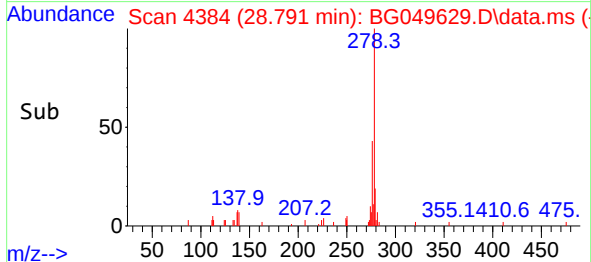
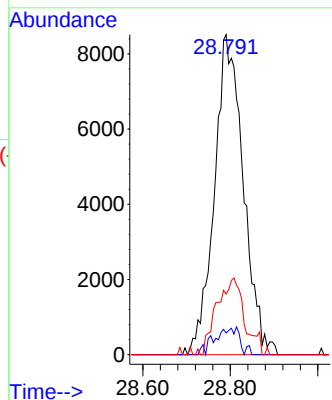


Tgt Ion: 278 Resp: 39103
Ion Ratio Lower Upper
278 100
139 6.8 4.6 6.8
279 19.0 17.9 26.9

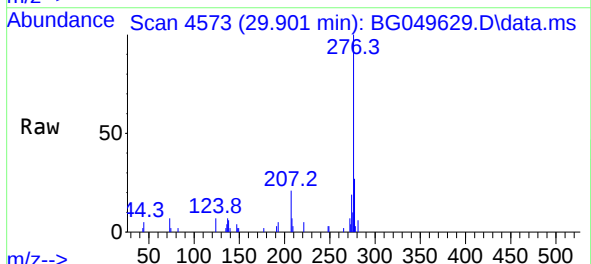
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2021

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#92
Benzo(g,h,i)perylene
Concen: 5.150 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#

