

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
 Data File : BG049605.D
 Acq On : 2 Aug 2021 15:46
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:49:42 AM

Quant Time: Aug 02 16:22:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 14:56:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	33679	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	136367	20.000	ng	0.00
39) Acenaphthene-d10	14.699	164	95063	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	203689	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	205384	20.000	ng	0.00
86) Perylene-d12	25.014	264	215339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	207518	104.539	ng	0.00
7) Phenol-d6	7.209	99	304907	105.467	ng	0.00
23) Nitrobenzene-d5	9.218	82	224965	73.914	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	154753	121.559	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	482718	73.067	ng	0.00
79) Terphenyl-d14	20.062	244	815262	77.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.461	88	5725	6.366	ng	96
3) Pyridine	3.884	79	12047	5.257	ng	94
4) n-Nitrosodimethylamine	3.796	42	8657m	7.692	ng	
6) Aniline	7.367	93	23258	7.439	ng	97
8) 2-Chlorophenol	7.608	128	13583	6.673	ng	89
9) Benzaldehyde	7.185	77	15866	8.261	ng	89
10) Phenol	7.232	94	17899	6.500	ng	100
11) bis(2-Chloroethyl)ether	7.467	93	12789	6.779	ng	96
12) 1,3-Dichlorobenzene	7.943	146	15740	6.540	ng	99
13) 1,4-Dichlorobenzene	8.090	146	16706	6.970	ng	97
14) 1,2-Dichlorobenzene	8.401	146	16319	7.048	ng	94
15) Benzyl Alcohol	8.290	79	16326	6.909	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.572	45	14964	6.791	ng	94
17) 2-Methylphenol	8.495	107	12749	6.953	ng	97
18) Hexachloroethane	9.141	117	6364	6.832	ng	96
19) n-Nitroso-di-n-propyla...	8.860	70	13372	7.040	ng	# 89
20) 3+4-Methylphenols	8.824	107	17425	6.935	ng	94
22) Acetophenone	8.877	105	26062	7.137	ng	# 97
24) Nitrobenzene	9.259	77	22054	6.899	ng	97
25) Isophorone	9.782	82	35692	6.619	ng	# 94
26) 2-Nitrophenol	9.976	139	7884	6.795	ng	88
27) 2,4-Dimethylphenol	10.028	122	14063	7.581	ng	# 86
28) bis(2-Chloroethoxy)met...	10.269	93	18268	7.593	ng	# 95
29) 2,4-Dichlorophenol	10.522	162	15109	7.024	ng	91
30) 1,2,4-Trichlorobenzene	10.733	180	16473	6.781	ng	91
31) Naphthalene	10.921	128	48882	6.797	ng	97
32) Benzoic acid	10.140	122	3427m	2.812	ng	
33) 4-Chloroaniline	11.033	127	20890	7.612	ng	# 89
34) Hexachlorobutadiene	11.203	225	11960	6.870	ng	97
35) Caprolactam	11.785	113	4434	6.638	ng	92
36) 4-Chloro-3-methylphenol	12.149	107	16216	6.392	ng	95
37) 2-Methylnaphthalene	12.531	142	38211	7.280	ng	95
38) 1-Methylnaphthalene	12.742	142	33058	6.587	ng	98
40) 1,2,4,5-Tetrachloroben...	12.895	216	20507	7.295	ng	98
41) Hexachlorocyclopentadiene	12.872	237	7394	5.892	ng	94
43) 2,4,6-Trichlorophenol	13.136	196	12234	6.673	ng	93

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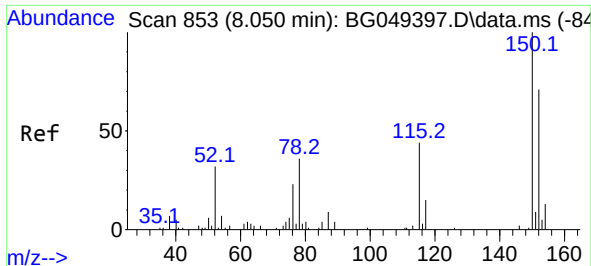
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 14:56:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	13641	6.878	ng	# 84
46) 1,1'-Biphenyl	13.530	154	49226	7.063	ng	93
47) 2-Chloronaphthalene	13.577	162	36442	6.808	ng	99
48) 2-Nitroaniline	13.776	65	12816	6.880	ng	89
49) Acenaphthylene	14.423	152	59673	6.876	ng	95
50) Dimethylphthalate	14.146	163	49026	7.099	ng	100
51) 2,6-Dinitrotoluene	14.264	165	10328	6.888	ng	# 87
52) Acenaphthene	14.763	154	34626	6.610	ng	99
53) 3-Nitroaniline	14.605	138	9801	6.519	ng	85
54) 2,4-Dinitrophenol	14.810	184	4914	7.786	ng	# 89
55) Dibenzofuran	15.098	168	57147	6.799	ng	# 97
56) 4-Nitrophenol	14.910	139	6861	5.785	ng	# 77
57) 2,4-Dinitrotoluene	15.063	165	14775	7.130	ng	# 98
58) Fluorene	15.750	166	45765	6.719	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.327	232	12247	6.754	ng	# 93
60) Diethylphthalate	15.509	149	50011	7.209	ng	95
61) 4-Chlorophenyl-phenyle...	15.738	204	24767	7.149	ng	100
62) 4-Nitroaniline	15.762	138	9901	6.257	ng	84
63) Azobenzene	16.032	77	50431	6.565	ng	88
65) 4,6-Dinitro-2-methylph...	15.827	198	6272	5.684	ng	78
66) n-Nitrosodiphenylamine	15.950	169	38835	6.638	ng	94
67) 4-Bromophenyl-phenylether	16.631	248	15756	6.829	ng	96
68) Hexachlorobenzene	16.755	284	18450	7.062	ng	96
69) Atrazine	16.896	200	17212	7.424	ng	94
70) Pentachlorophenol	17.107	266	6671	5.682	ng	# 89
71) Phenanthrene	17.489	178	73647	6.726	ng	96
72) Anthracene	17.583	178	73753	6.853	ng	98
73) Carbazole	17.853	167	65647	6.413	ng	96
74) Di-n-butylphthalate	18.405	149	79846	6.840	ng	97
75) Fluoranthene	19.498	202	89674	6.578	ng	98
77) Benzidine	19.680	184	39615	6.969	ng	98
78) Pyrene	19.862	202	92733	6.879	ng	97
80) Butylbenzylphthalate	20.743	149	32914	6.715	ng	91
81) Benzo(a)anthracene	21.707	228	88237	6.782	ng	94
82) 3,3'-Dichlorobenzidine	21.619	252	34089	9.083	ng	96
83) Chrysene	21.777	228	84592	6.743	ng	98
84) Bis(2-ethylhexyl)phtha...	21.607	149	49927	6.792	ng	# 93
85) Di-n-octyl phthalate	22.835	149	82537	6.501	ng	# 99
87) Indeno(1,2,3-cd)pyrene	28.750	276	100799	6.612	ng	96
88) Benzo(b)fluoranthene	23.968	252	90416m	6.516	ng	
89) Benzo(k)fluoranthene	24.033	252	87035	6.744	ng	98
90) Benzo(a)pyrene	24.850	252	86384	6.869	ng	# 96
91) Dibenzo(a,h)anthracene	28.815	278	87121	6.805	ng	# 98
92) Benzo(g,h,i)perylene	29.919	276	84125	6.641	ng	# 93

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



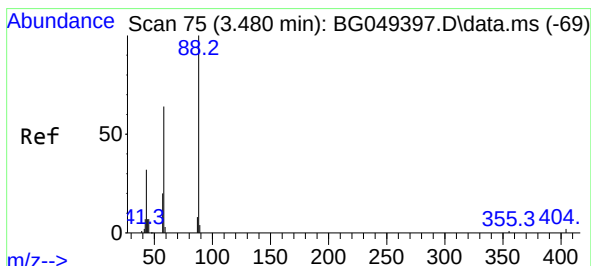
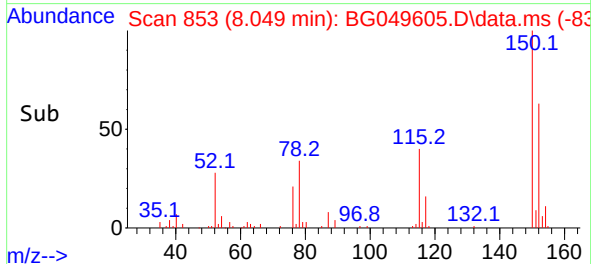
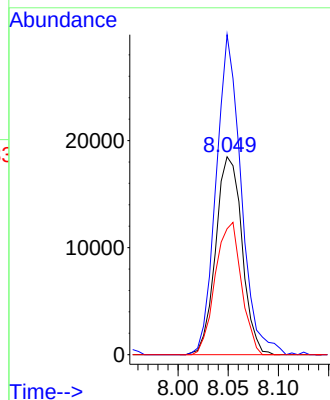
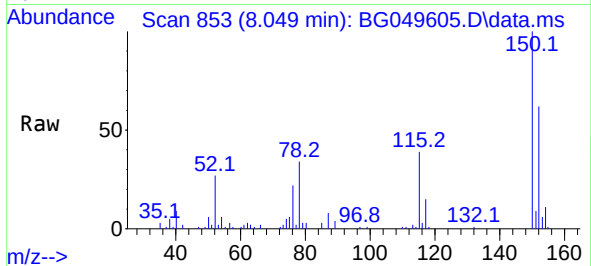
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.049 min Scan# 853
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:152 Resp: 33679
Ion Ratio Lower Upper
152 100
150 161.7 119.4 179.0
115 63.7 60.2 90.4

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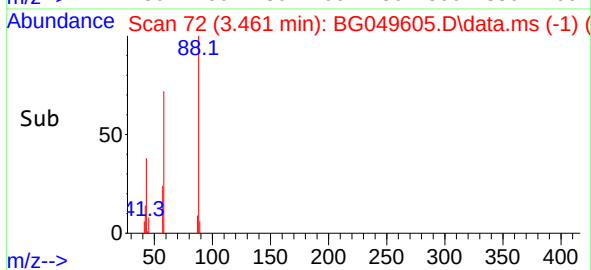
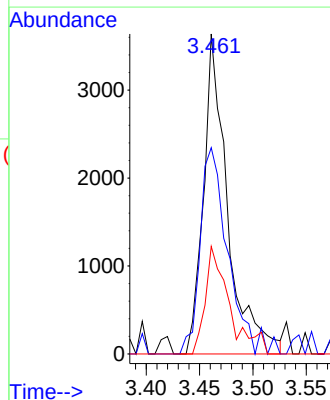
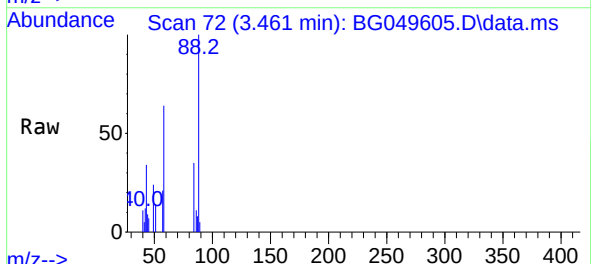
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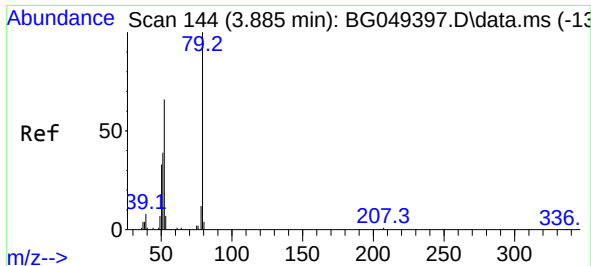
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#2
1,4-Dioxane
Concen: 6.366 ng
RT: 3.461 min Scan# 72
Delta R.T. -0.019 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

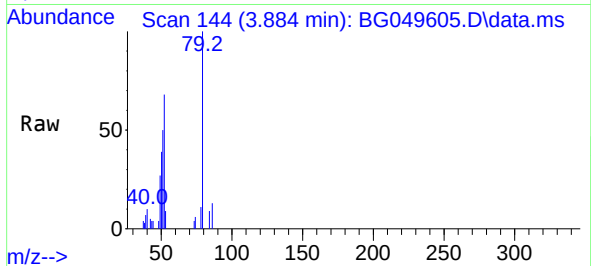
Tgt Ion: 88 Resp: 5725
Ion Ratio Lower Upper
88 100
58 72.0 55.7 83.5
43 33.6 29.3 43.9





#3
Pyridine
Concen: 5.257 ng
RT: 3.884 min Scan# 144
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

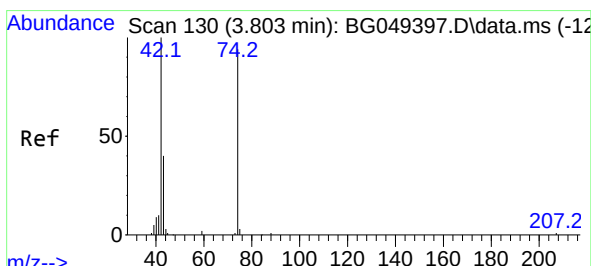
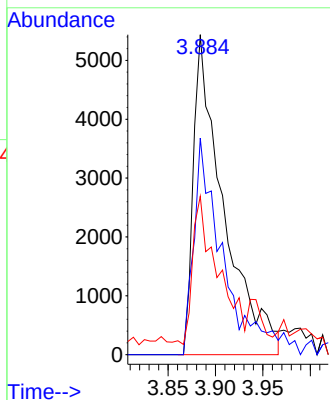
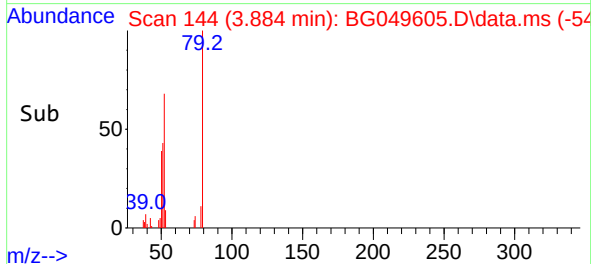
Instrument :
BNA_G
ClientSampleId :
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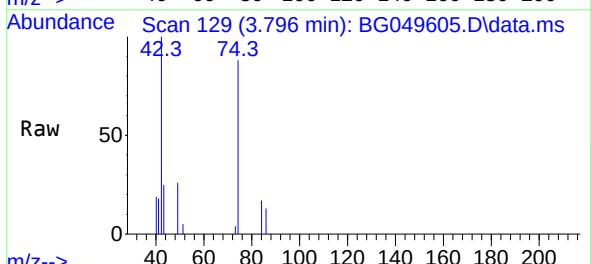
Tgt Ion: 79 Resp: 12047
Ion Ratio Lower Upper
79 100
52 67.7 58.4 87.6
51 49.5 37.0 55.6

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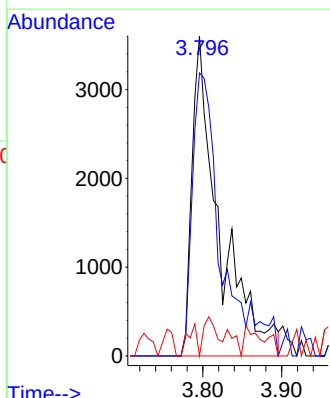
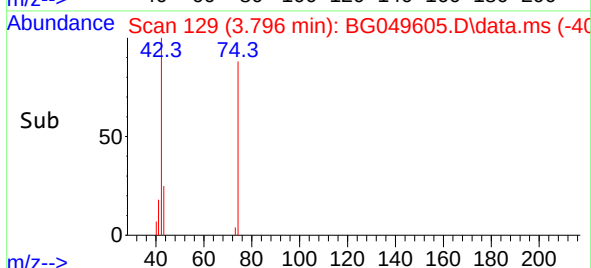
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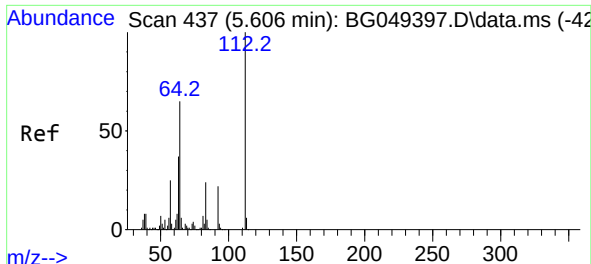


#4
n-Nitrosodimethylamine
Concen: 7.692 ng m
RT: 3.796 min Scan# 129
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



Tgt Ion: 42 Resp: 8657
Ion Ratio Lower Upper
42 100
74 88.5 64.0 96.0
44 0.0 2.7 4.1#





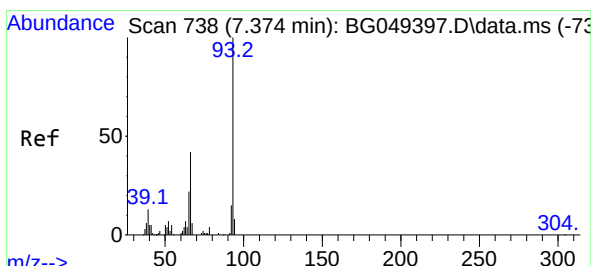
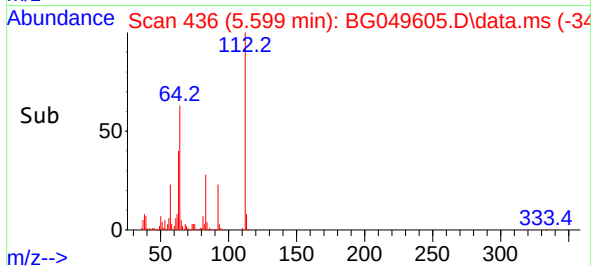
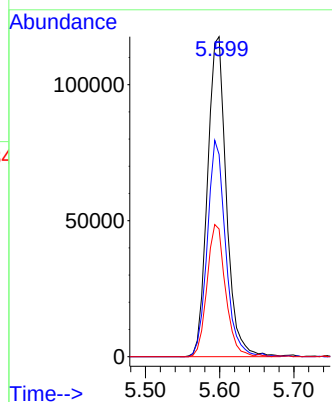
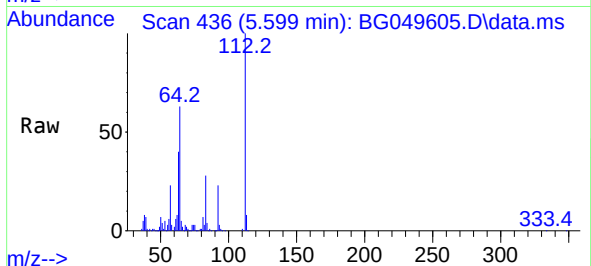
#5
2-Fluorophenol
Concen: 104.539 ng
RT: 5.599 min Scan# 436
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion: 112 Resp: 207518
Ion Ratio Lower Upper
112 100
64 63.2 46.7 70.1
63 39.9 35.3 52.9

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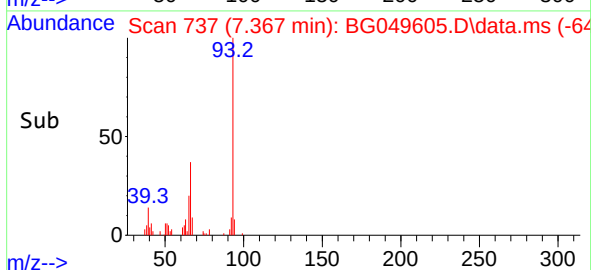
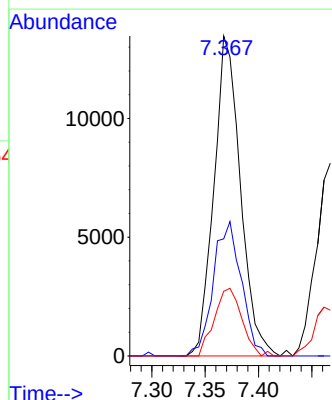
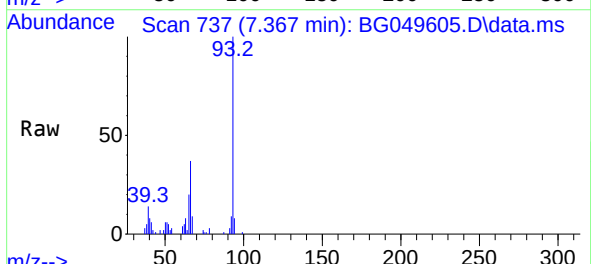
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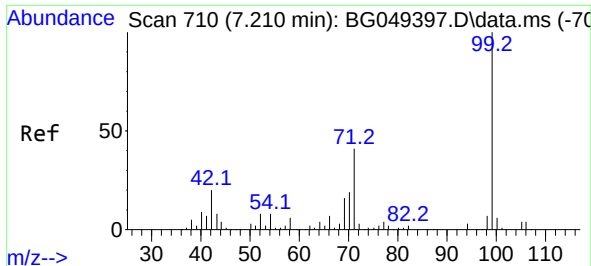
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#6
Aniline
Concen: 7.439 ng
RT: 7.367 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion: 93 Resp: 23258
Ion Ratio Lower Upper
93 100
66 36.6 30.6 45.8
65 20.2 15.0 22.4





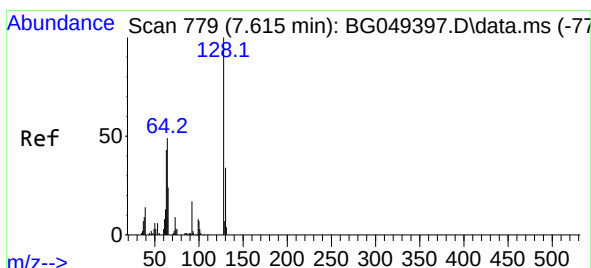
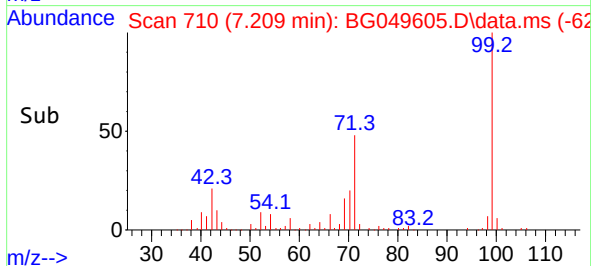
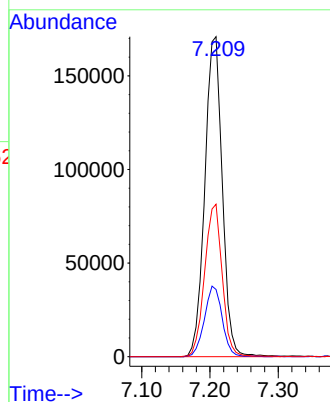
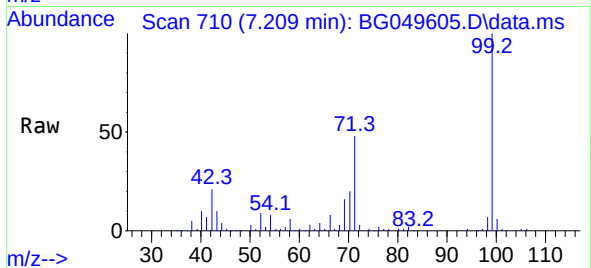
#7
Phenol-d6
Concen: 105.467 ng
RT: 7.209 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:	99	Resp:	304907
Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.5	30.7
71	47.7	41.5	62.3

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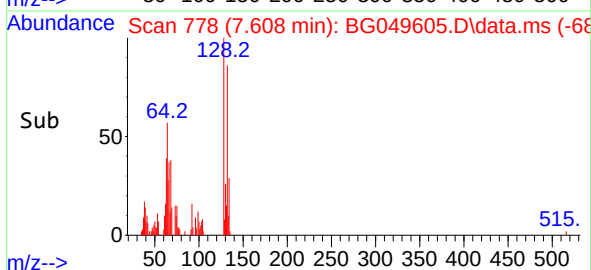
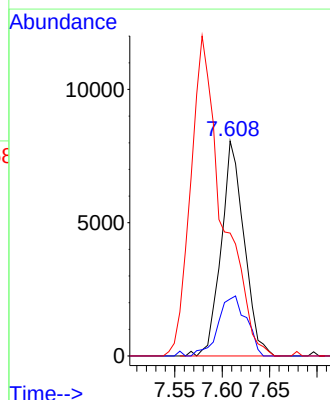
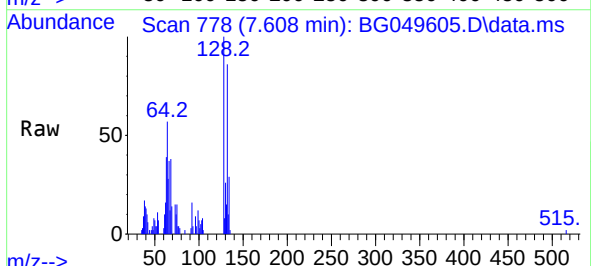
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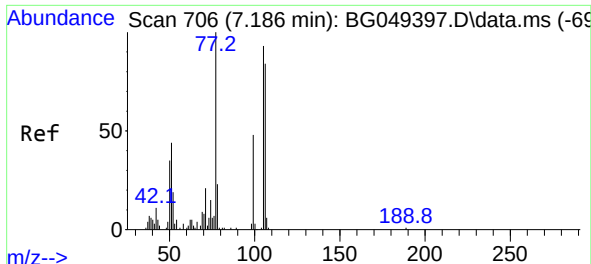
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#8
2-Chlorophenol
Concen: 6.673 ng
RT: 7.608 min Scan# 778
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:	128	Resp:	13583
Ion	Ratio	Lower	Upper
128	100		
130	26.5	10.0	50.0
64	57.2	28.1	68.1





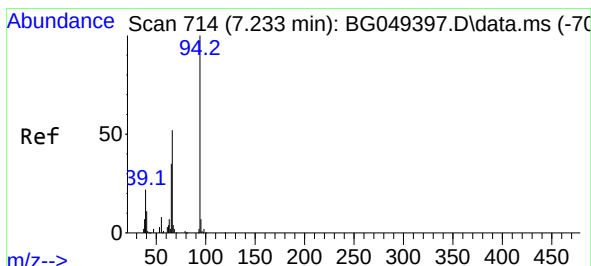
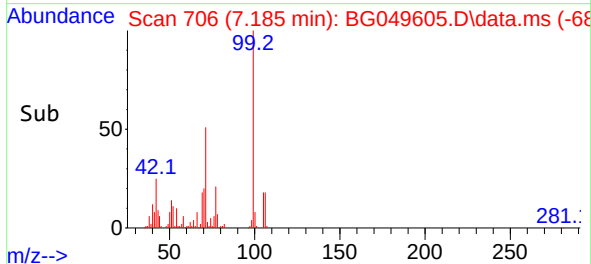
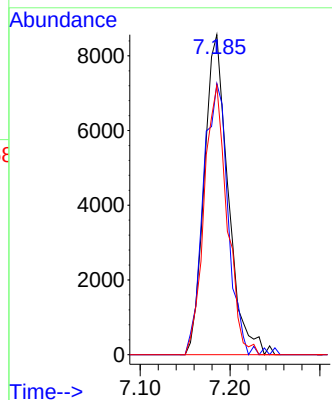
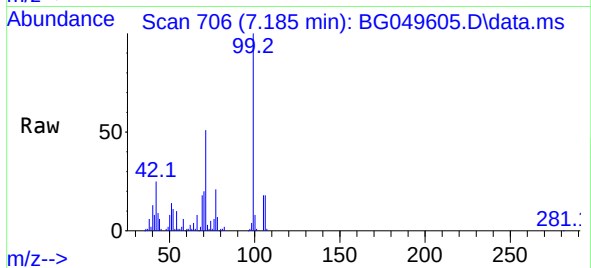
#9
Benzaldehyde
Concen: 8.261 ng
RT: 7.185 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion: 77	Resp: 15866
Ion Ratio	Lower Upper
77 100	
105 84.7	68.8 108.8
106 84.1	47.9 87.9

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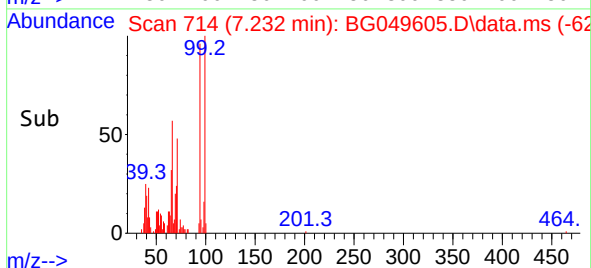
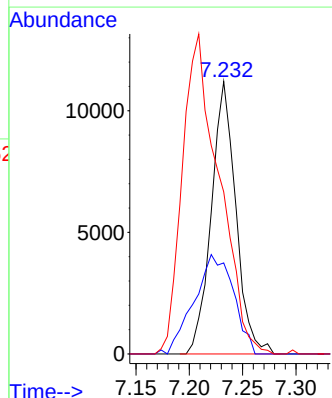
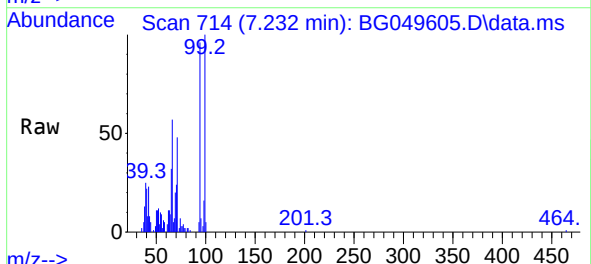
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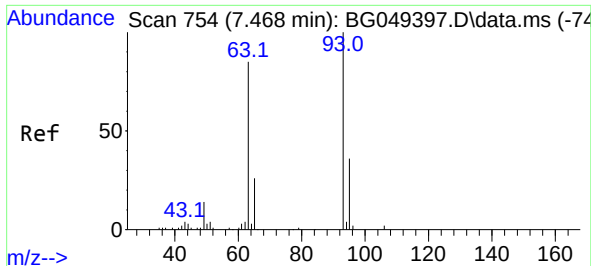
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#10
Phenol
Concen: 6.500 ng
RT: 7.232 min Scan# 714
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

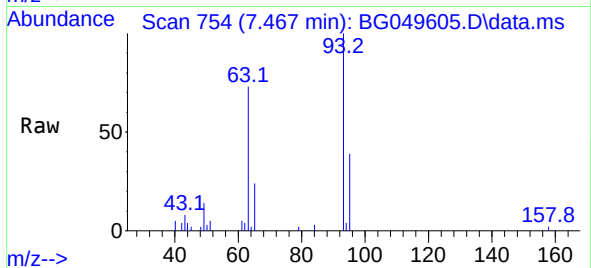
Tgt Ion: 94	Resp: 17899
Ion Ratio	Lower Upper
94 100	
65 33.4	12.9 52.9
66 59.5	39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 6.779 ng
RT: 7.467 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

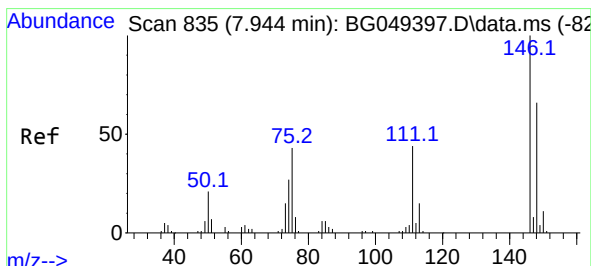
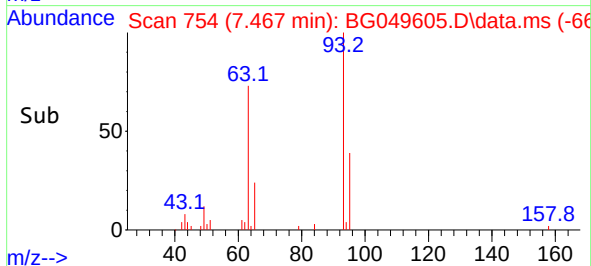
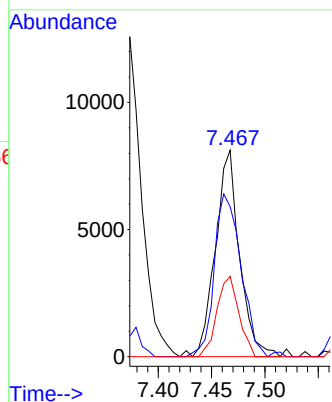


Tgt Ion: 93 Resp: 12789

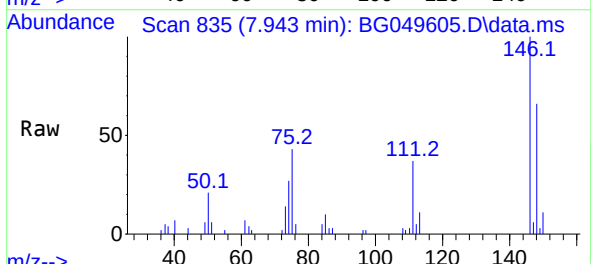
Ion	Ratio	Lower	Upper
93	100		
63	72.7	50.4	90.4
95	38.9	15.3	55.3

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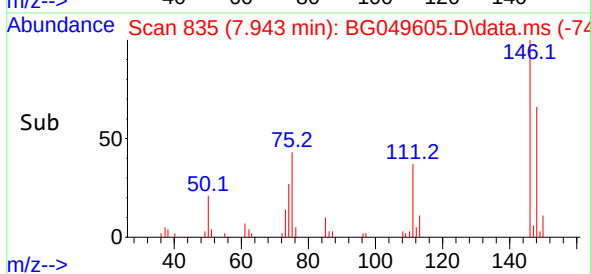
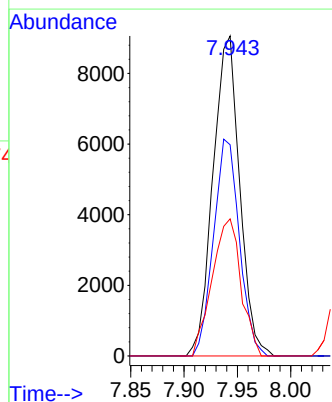


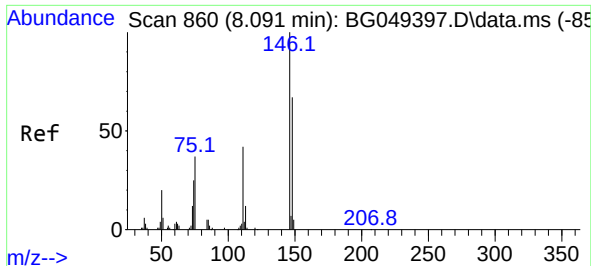
#12
1,3-Dichlorobenzene
Concen: 6.540 ng
RT: 7.943 min Scan# 835
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



Tgt Ion: 146 Resp: 15740

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.6	78.8
75	42.8	35.7	53.5





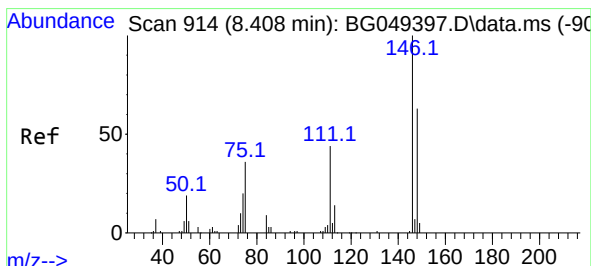
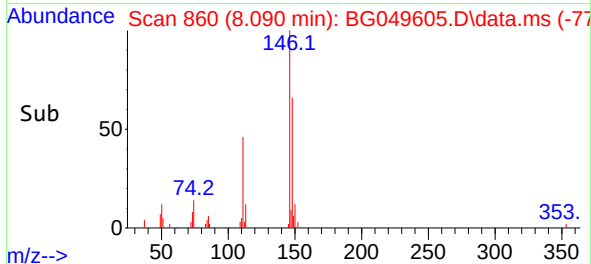
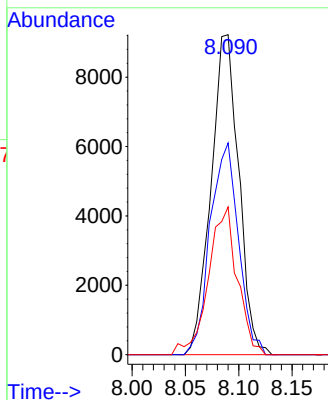
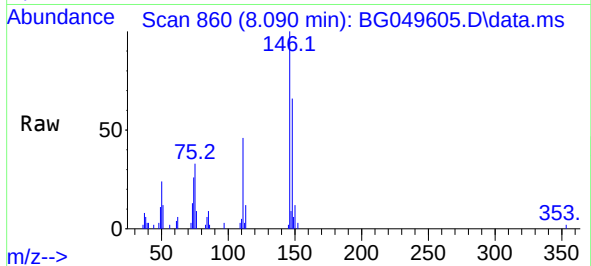
#13
1,4-Dichlorobenzene
Concen: 6.970 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:146 Resp: 16706
Ion Ratio Lower Upper
146 100
148 66.1 54.0 81.0
111 46.1 34.3 51.5

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

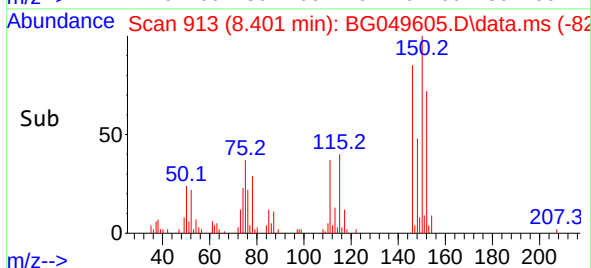
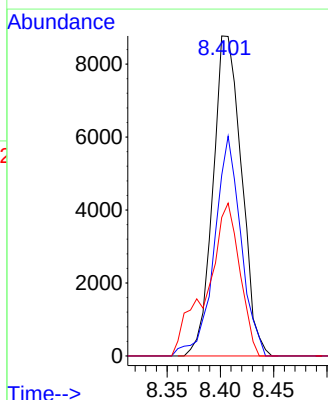
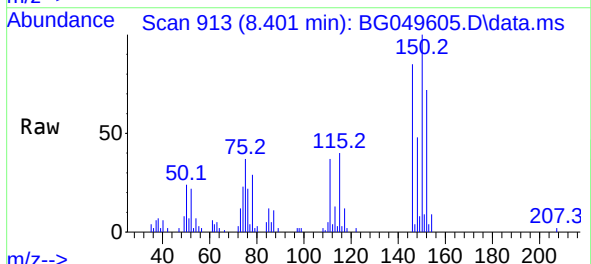
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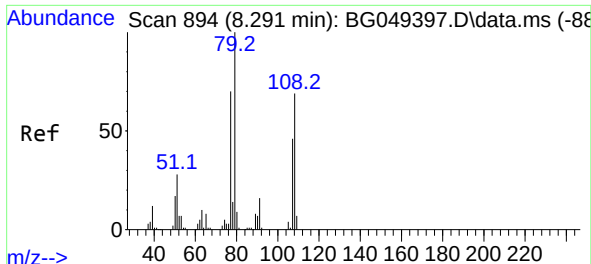
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#14
1,2-Dichlorobenzene
Concen: 7.048 ng
RT: 8.401 min Scan# 913
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

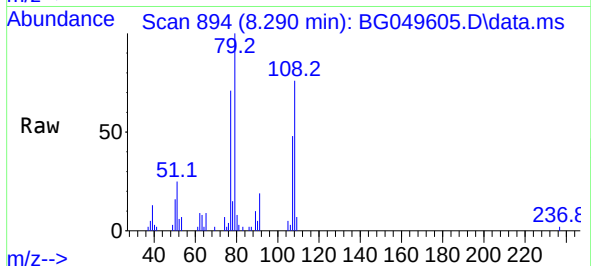
Tgt Ion:146 Resp: 16319
Ion Ratio Lower Upper
146 100
148 56.5 47.5 71.3
111 43.3 39.1 58.7





#15
Benzyl Alcohol
Concen: 6.909 ng
RT: 8.290 min Scan# 894
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

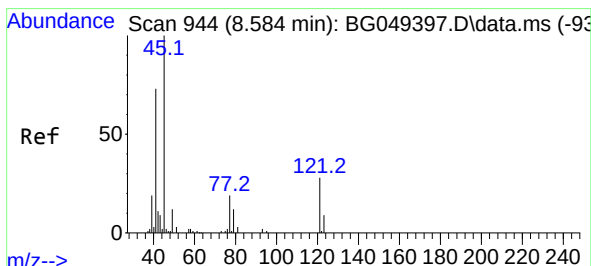
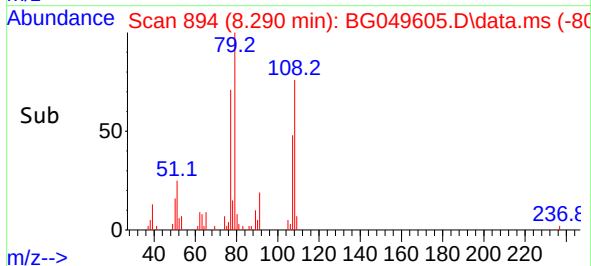
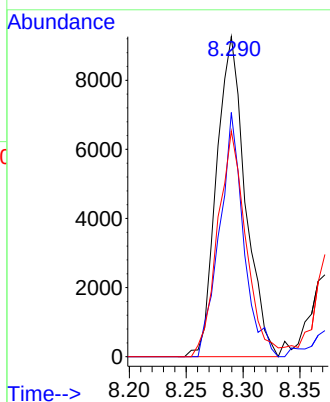
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



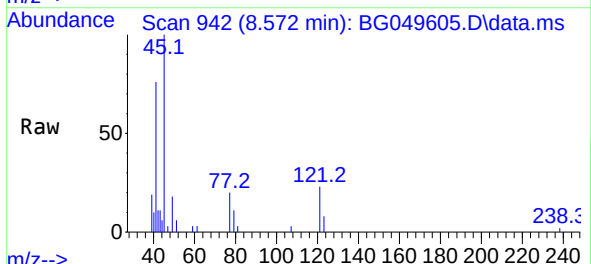
Tgt Ion: 79 Resp: 16326
Ion Ratio Lower Upper
79 100
108 76.3 48.2 72.4#
77 70.5 57.3 85.9

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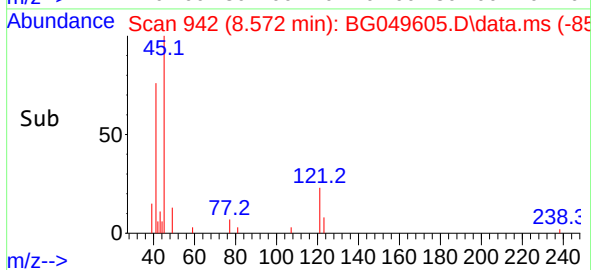
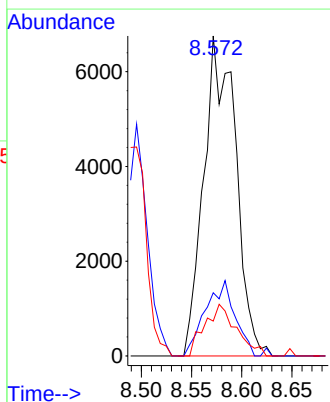
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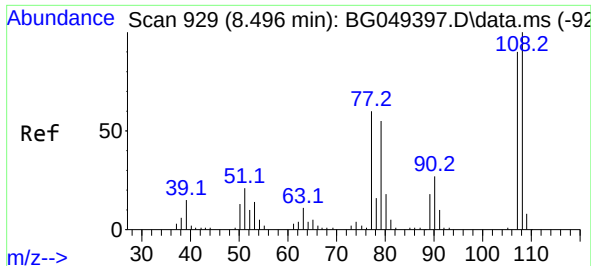


#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.791 ng
RT: 8.572 min Scan# 942
Delta R.T. -0.013 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



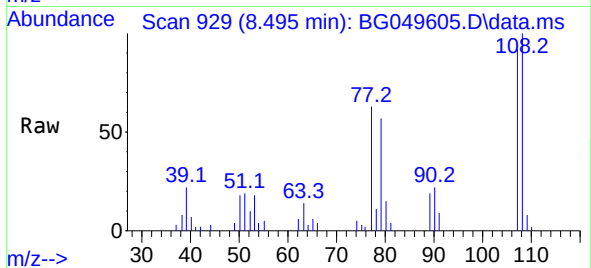
Tgt Ion: 45 Resp: 14964
Ion Ratio Lower Upper
45 100
77 19.7 2.2 42.2
79 10.9 0.0 34.3





#17
2-Methylphenol
Concen: 6.953 ng
RT: 8.495 min Scan# 929
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

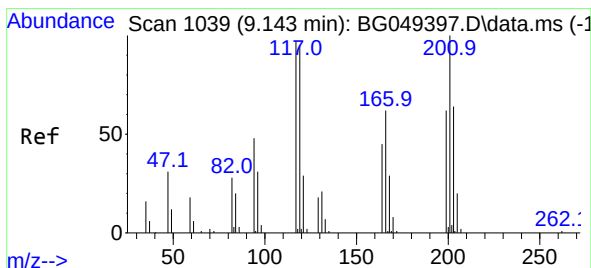
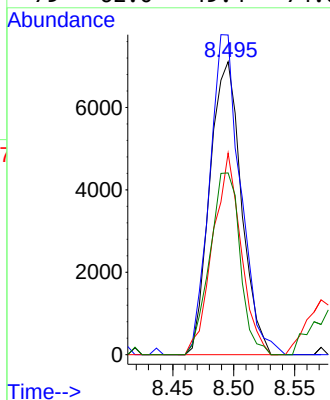
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



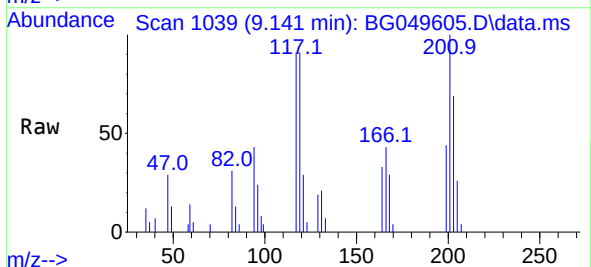
Tgt Ion:	107	Resp:	12749
Ion	Ratio	Lower	Upper
107	100		
108	109.1	84.6	127.0
77	68.8	50.7	76.1
79	62.0	49.4	74.0

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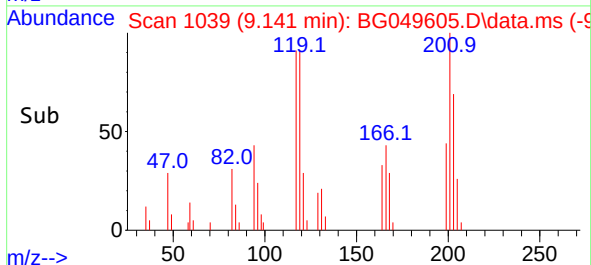
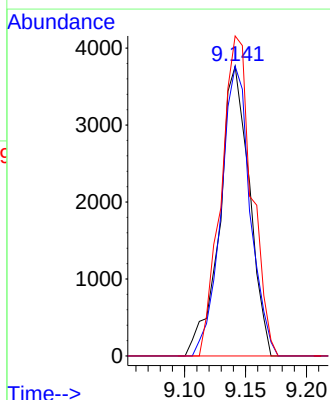
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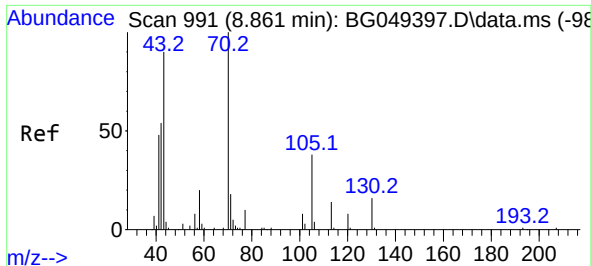


#18
Hexachloroethane
Concen: 6.832 ng
RT: 9.141 min Scan# 1039
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

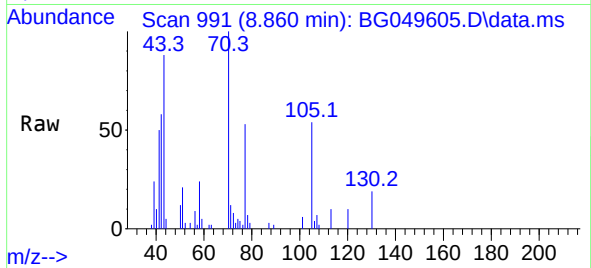


Tgt Ion:	117	Resp:	6364
Ion	Ratio	Lower	Upper
117	100		
119	100.1	74.4	111.6
201	110.5	88.6	133.0

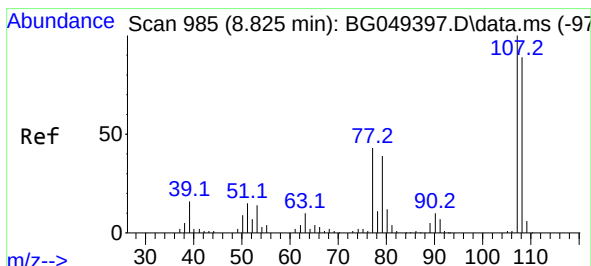
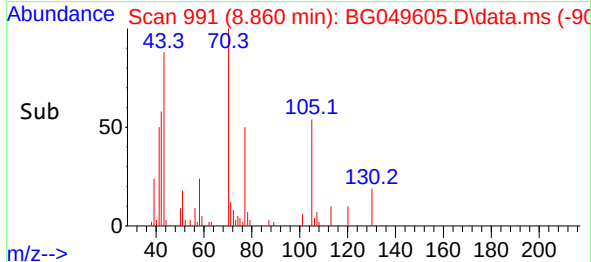
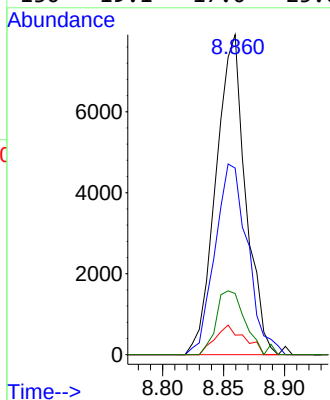




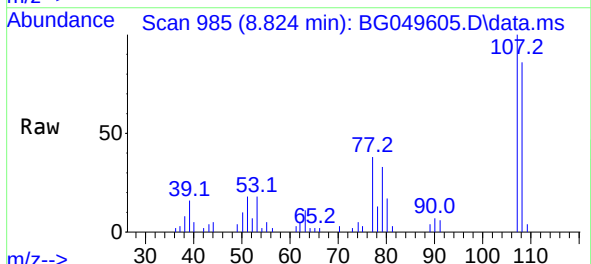
#19
n-Nitroso-di-n-propylamine
Concen: 7.040 ng
RT: 8.860 min Scan# 991
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



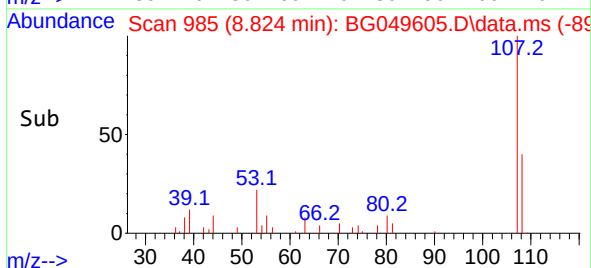
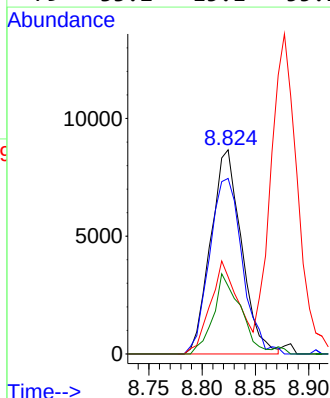
Tgt Ion: 70 Resp: 13372
Ion Ratio Lower Upper
70 100
42 58.3 54.5 81.7
101 6.1 9.0 13.6#
130 19.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 6.935 ng
RT: 8.824 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



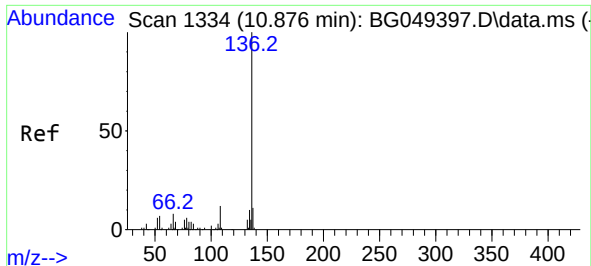
Tgt Ion: 107 Resp: 17425
Ion Ratio Lower Upper
107 100
108 86.0 69.3 109.3
77 37.8 25.2 65.2
79 33.2 15.1 55.1



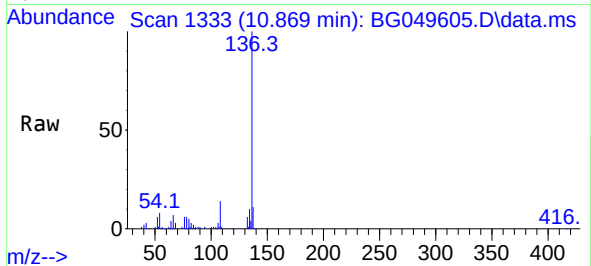
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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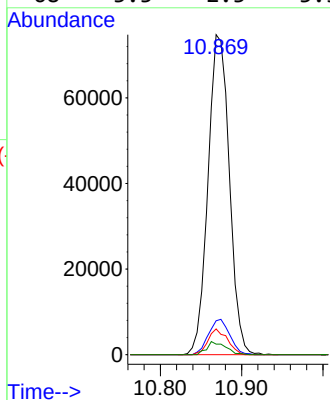
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1333
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



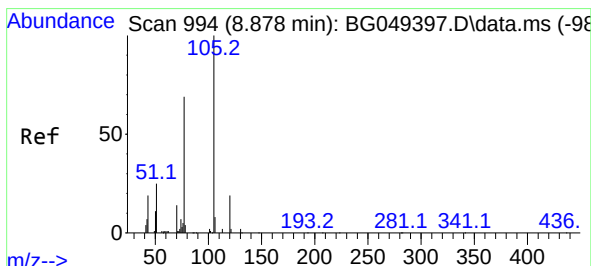
Tgt Ion:	136	Resp:	136367
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.2
54	8.1	5.5	8.3
68	3.3	2.3	3.5



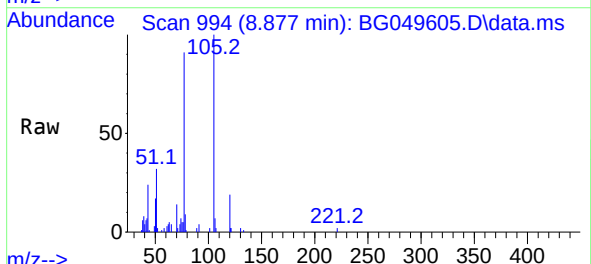
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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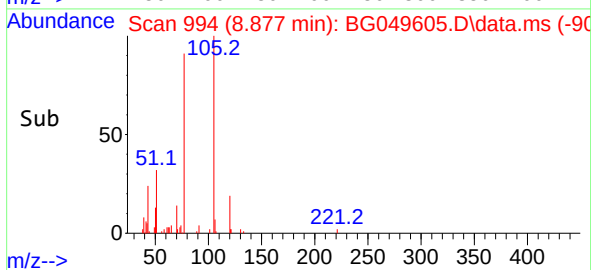
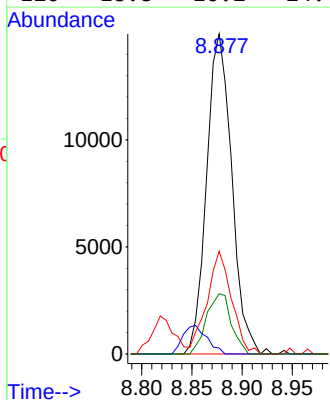
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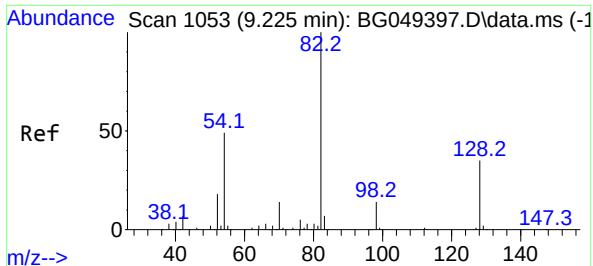


#22
Acetophenone
Concen: 7.137 ng
RT: 8.877 min Scan# 994
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



Tgt Ion:	105	Resp:	26062
Ion Ratio	Lower	Upper	
105	100		
71	1.8	0.6	0.8
51	32.0	26.6	40.0
120	18.8	16.2	24.4





#23

Nitrobenzene-d5

Concen: 73.914 ng

RT: 9.218 min Scan# 1052

Delta R.T. -0.007 min

Lab File: BG049605.D

Acq: 2 Aug 2021 15:46

Tgt Ion: 82 Resp: 224965

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.8	44.6
54	52.3	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

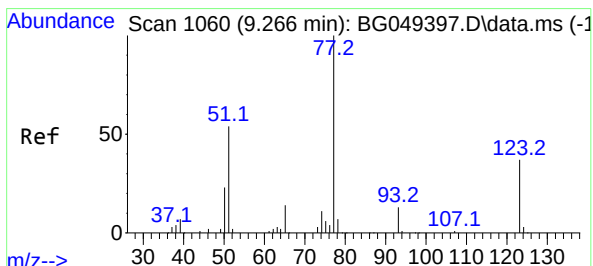
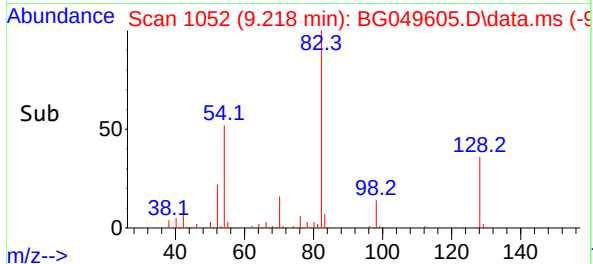
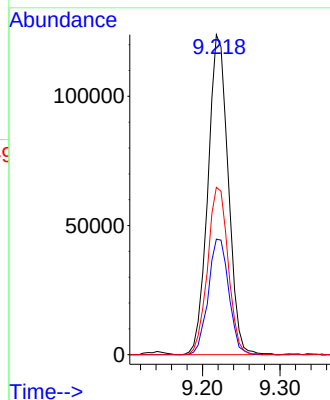
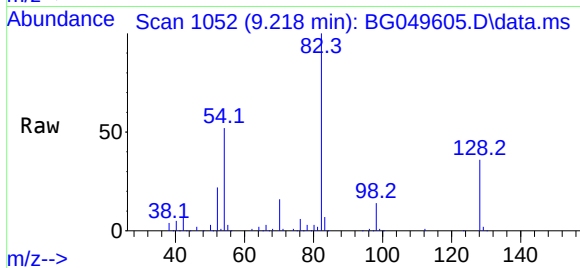
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#24

Nitrobenzene

Concen: 6.899 ng

RT: 9.259 min Scan# 1059

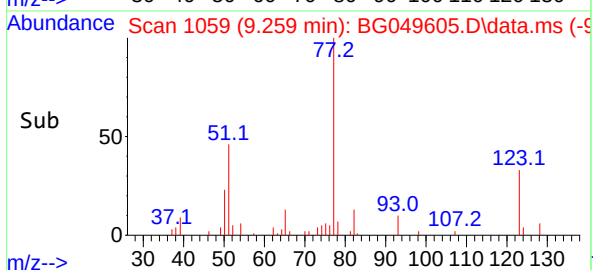
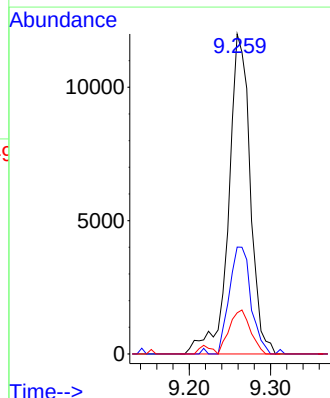
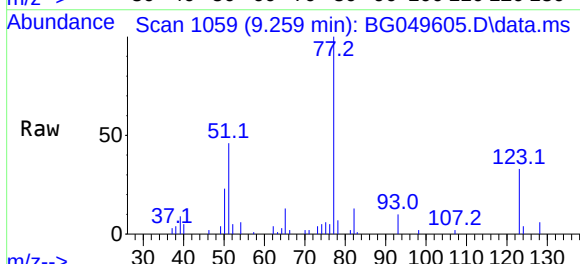
Delta R.T. -0.007 min

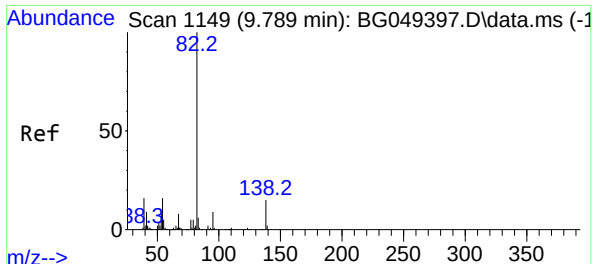
Lab File: BG049605.D

Acq: 2 Aug 2021 15:46

Tgt Ion: 77 Resp: 22054

Ion	Ratio	Lower	Upper
77	100		
123	33.4	27.5	41.3
65	12.9	12.6	18.8





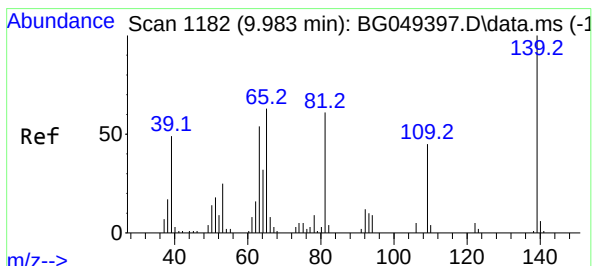
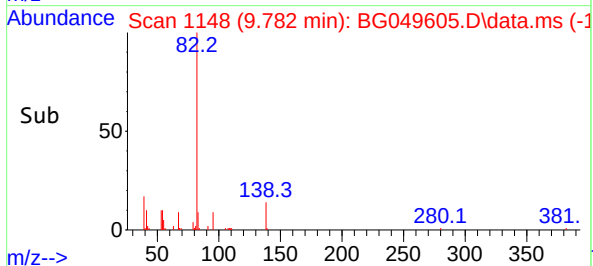
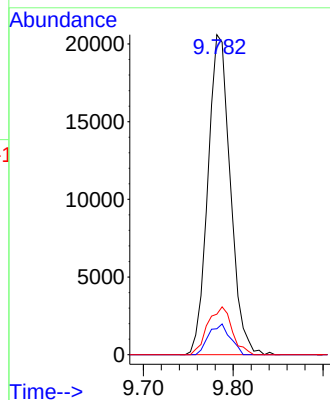
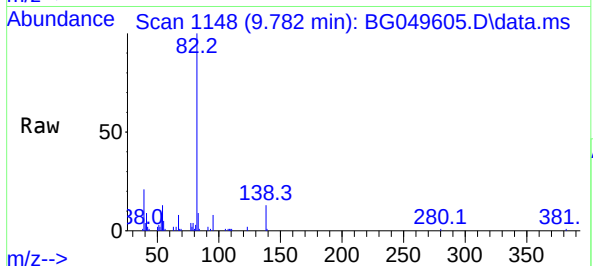
#25
Isophorone
Concen: 6.619 ng
RT: 9.782 min Scan# 1148
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:	82	Resp:	35692
Ion Ratio	Lower	Upper	
82	100		
95	8.1	8.5	12.7#
138	12.6	11.8	17.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

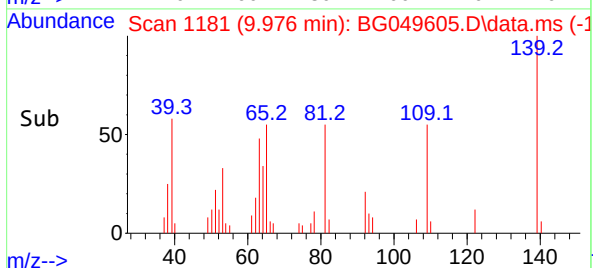
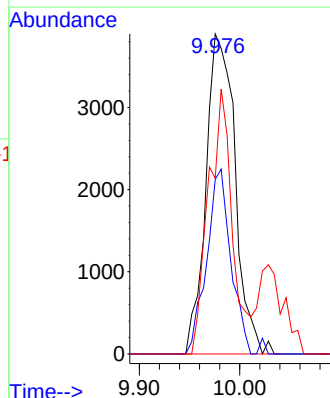
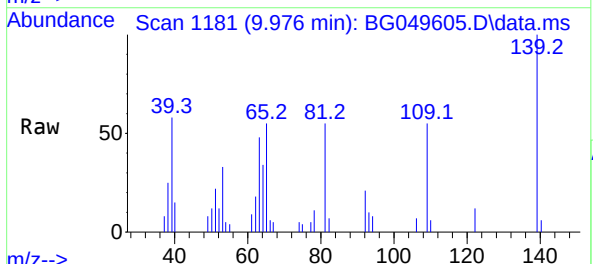
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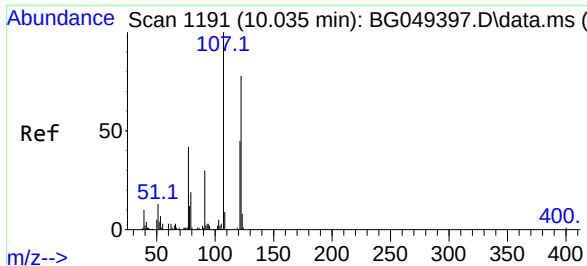
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#26
2-Nitrophenol
Concen: 6.795 ng
RT: 9.976 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:	139	Resp:	7884
Ion Ratio	Lower	Upper	
139	100		
109	54.6	37.8	56.6
65	54.9	51.8	77.8





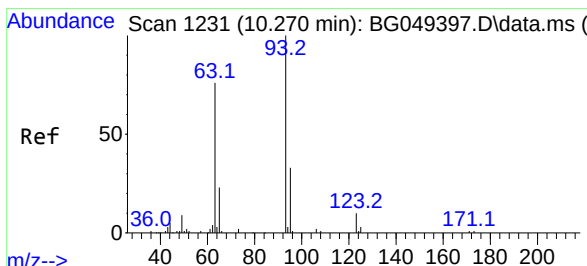
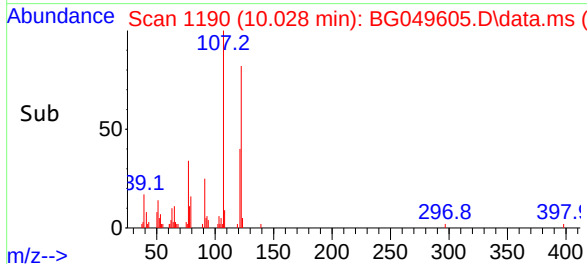
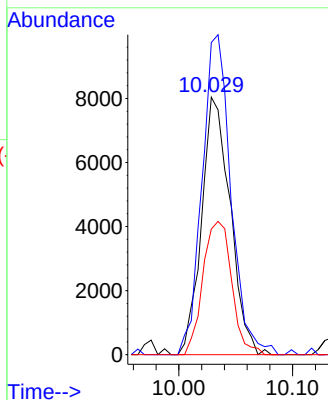
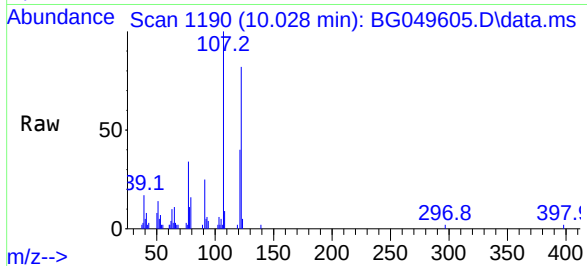
#27
2,4-Dimethylphenol
Concen: 7.581 ng
RT: 10.028 min Scan# 1190
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion: 122 Resp: 14063
Ion Ratio Lower Upper
122 100
107 121.2 110.1 165.1
121 48.8 49.0 73.6#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

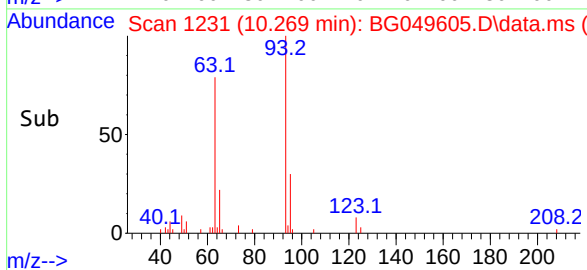
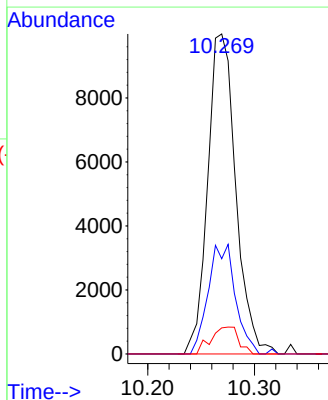
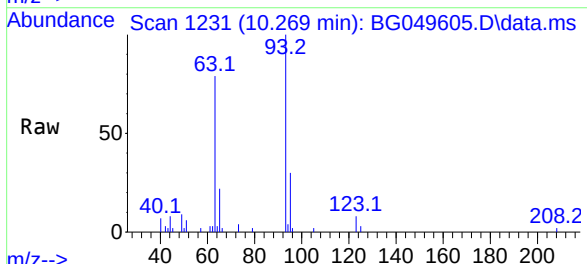
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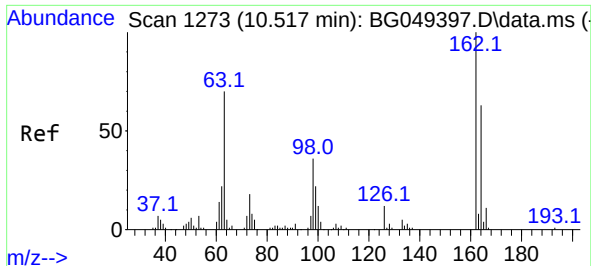
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 7.593 ng
RT: 10.269 min Scan# 1231
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

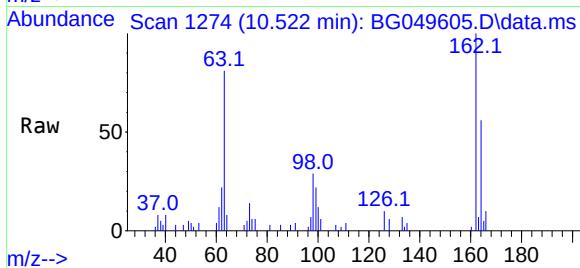
Tgt Ion: 93 Resp: 18268
Ion Ratio Lower Upper
93 100
95 29.7 22.2 33.4
123 8.1 8.8 13.2#





#29
2,4-Dichlorophenol
Concen: 7.024 ng
RT: 10.522 min Scan# 1274
Delta R.T. 0.005 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

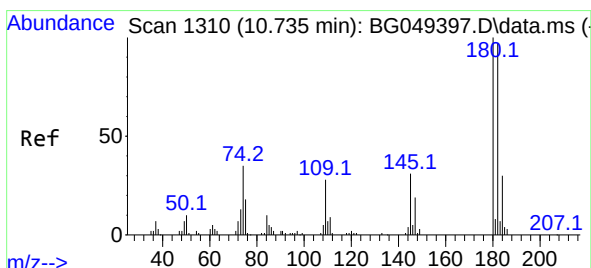
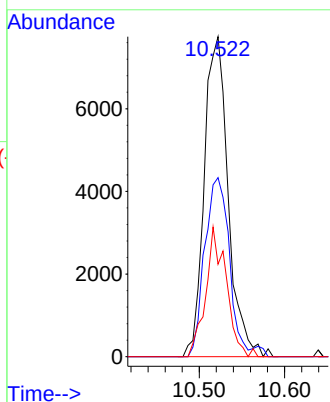
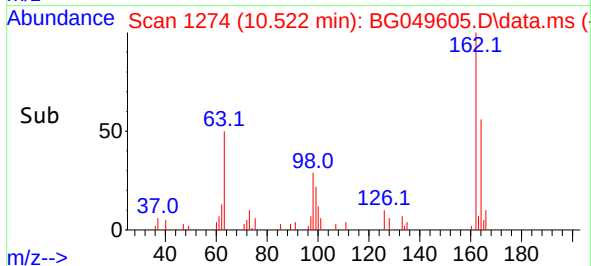
Instrument :
BNA_G
ClientSampleId :
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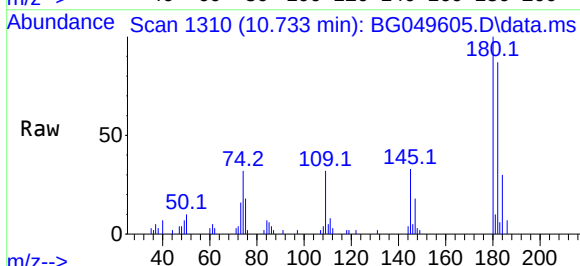
Tgt Ion:162 Resp: 15109
Ion Ratio Lower Upper
162 100
164 55.9 39.4 79.4
98 28.9 18.7 58.7

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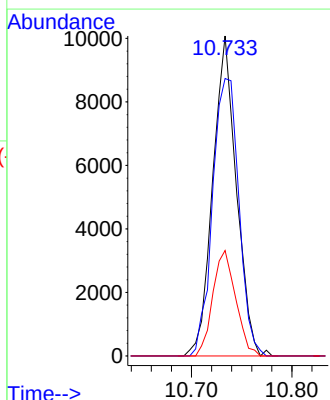
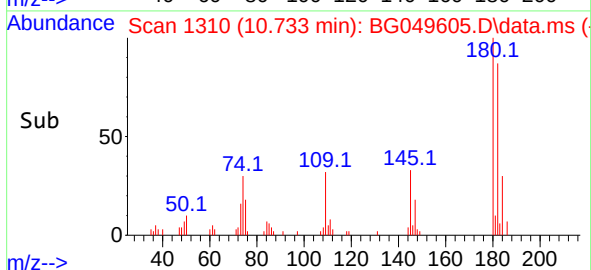
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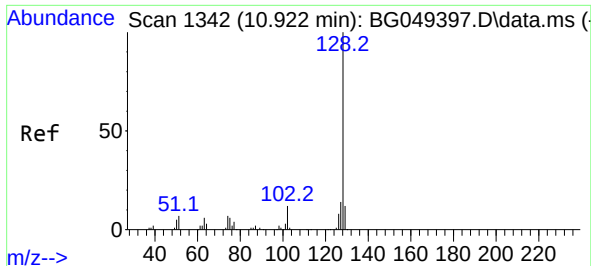


#30
1,2,4-Trichlorobenzene
Concen: 6.781 ng
RT: 10.733 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



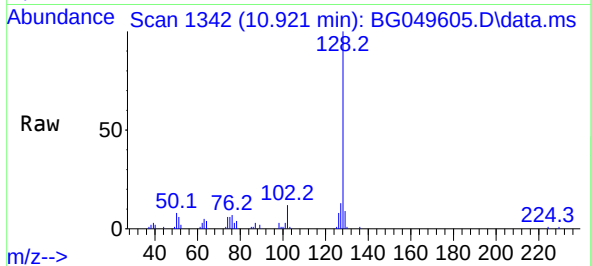
Tgt Ion:180 Resp: 16473
Ion Ratio Lower Upper
180 100
182 86.7 78.9 118.3
145 32.9 26.2 39.4





#31
Naphthalene
Concen: 6.797 ng
RT: 10.921 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

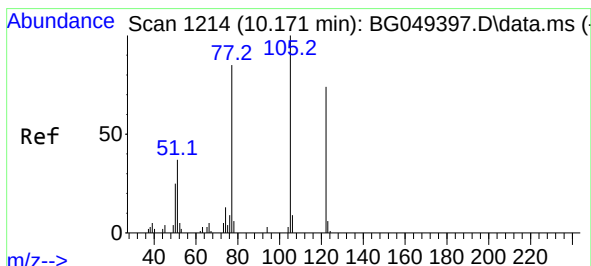
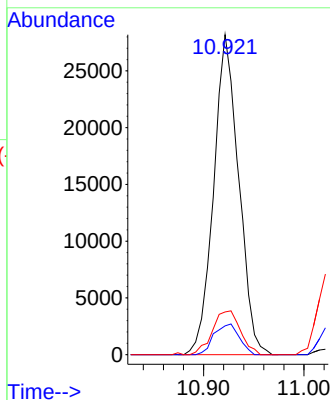
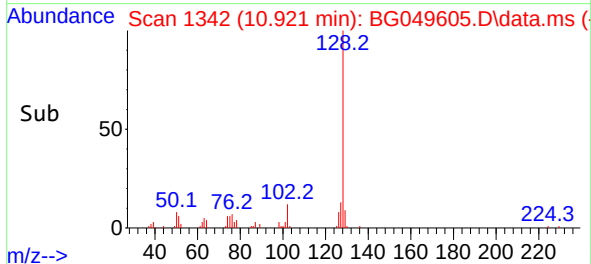
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



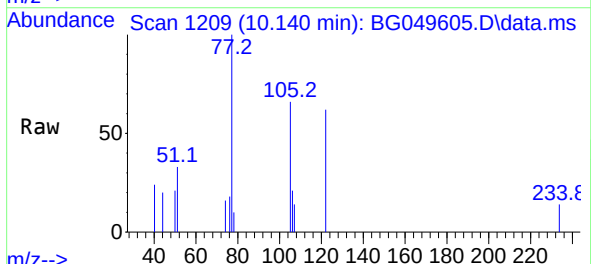
Tgt Ion:128 Resp: 48882
Ion Ratio Lower Upper
128 100
129 9.0 8.5 12.7
127 13.3 10.2 15.4

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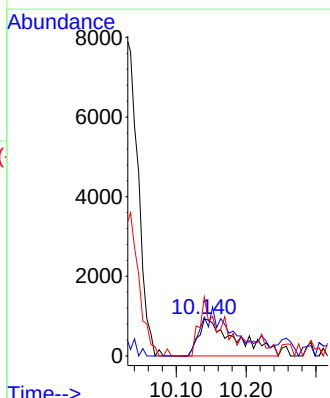
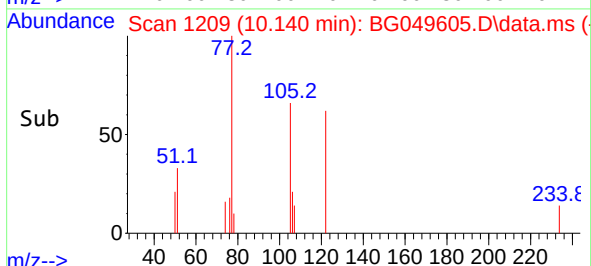
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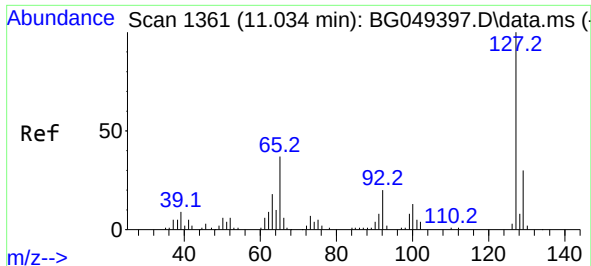


#32
Benzoic acid
Concen: 2.812 ng m
RT: 10.140 min Scan# 1209
Delta R.T. -0.031 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

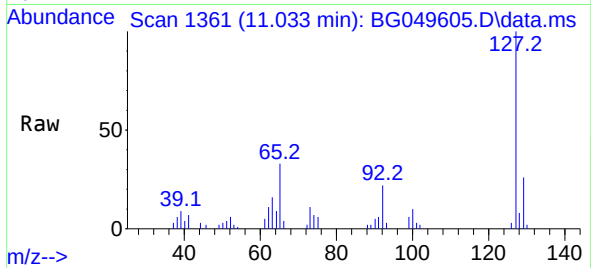


Tgt Ion:122 Resp: 3427
Ion Ratio Lower Upper
122 100
105 106.0 92.3 132.3
77 160.3 66.5 106.5#

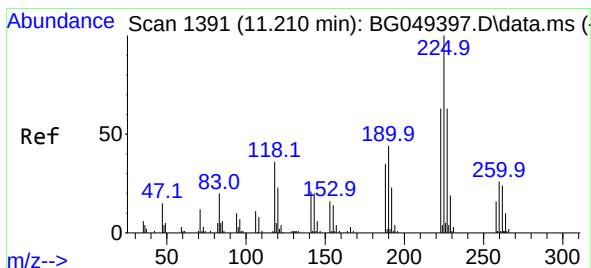
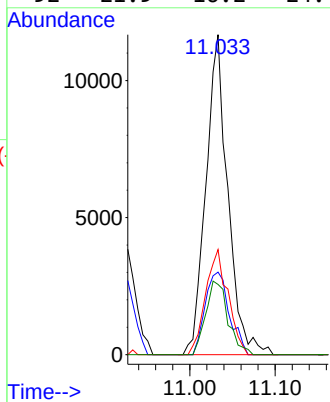
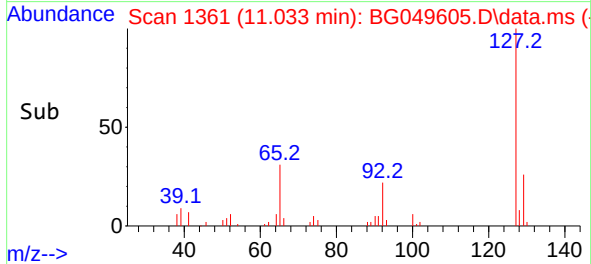




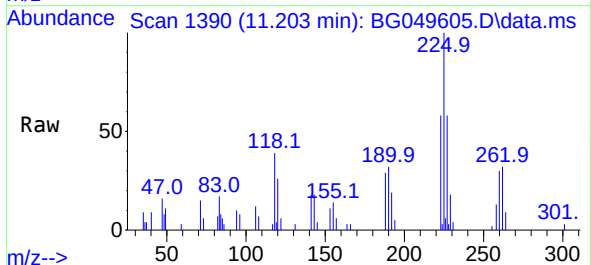
#33
4-Chloroaniline
Concen: 7.612 ng
RT: 11.033 min Scan# 1361
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



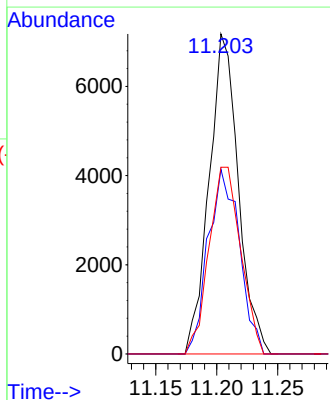
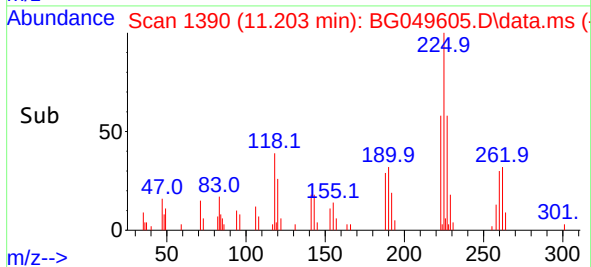
Tgt Ion	Ratio	Lower	Upper
127	100		
129	25.8	26.7	40.1#
65	32.8	32.8	49.2
92	21.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 6.870 ng
RT: 11.203 min Scan# 1390
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



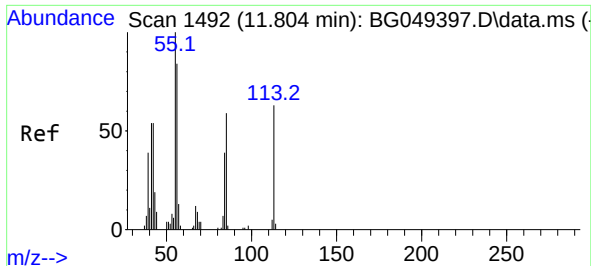
Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.7	49.8	74.8
227	58.4	46.4	69.6



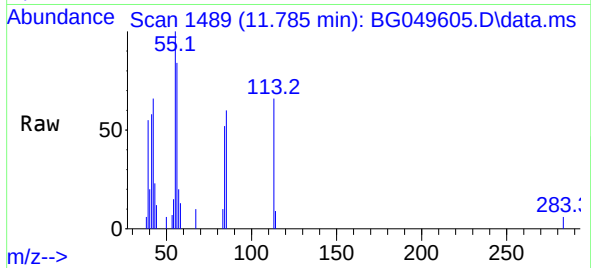
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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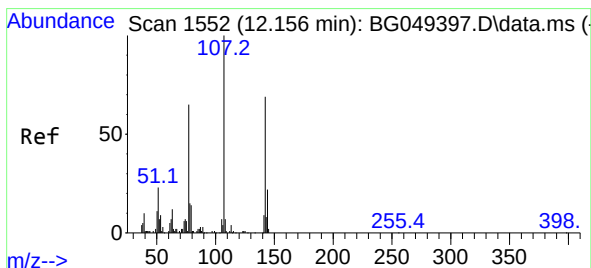
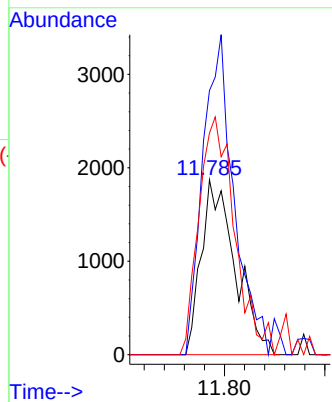
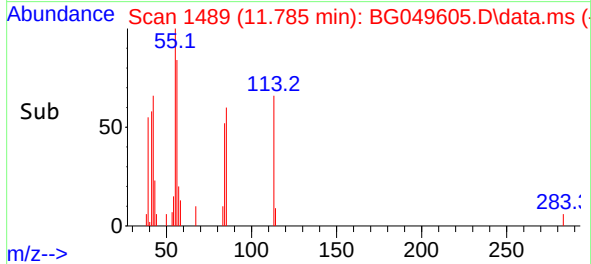
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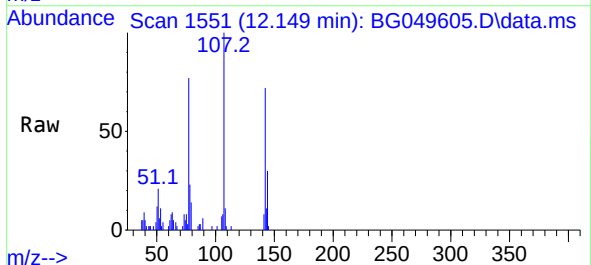
#35
Caprolactam
Concen: 6.638 ng
RT: 11.785 min Scan# 1489
Delta R.T. -0.019 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



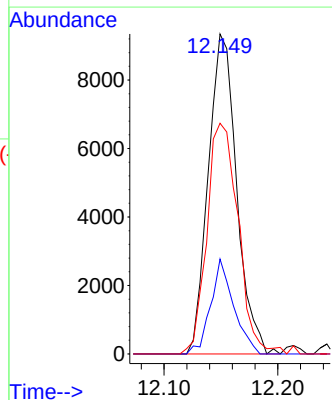
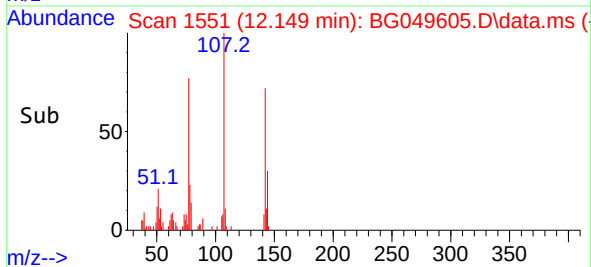
Tgt Ion:113 Resp: 4434
Ion Ratio Lower Upper
113 100
55 151.1 113.8 153.8
56 126.8 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 6.392 ng
RT: 12.149 min Scan# 1551
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



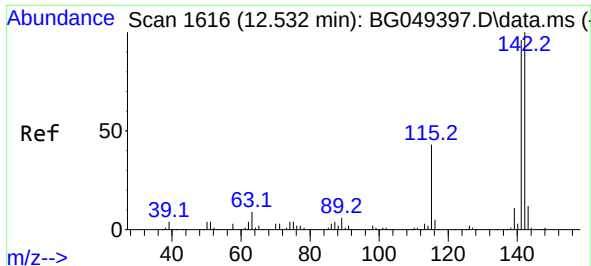
Tgt Ion:107 Resp: 16216
Ion Ratio Lower Upper
107 100
144 29.6 24.8 37.2
142 72.1 62.2 93.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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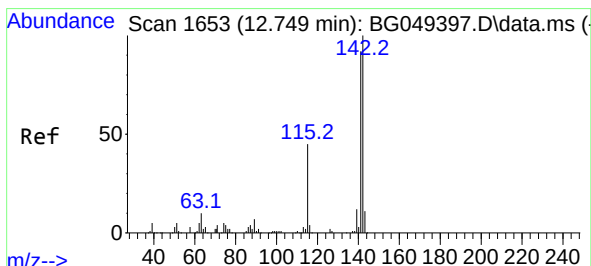
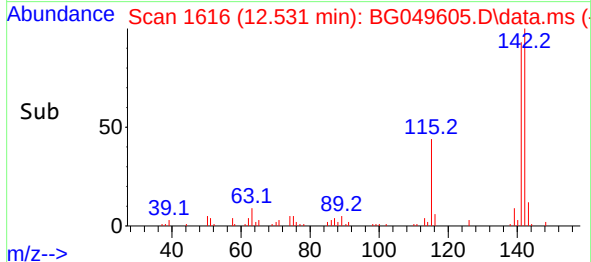
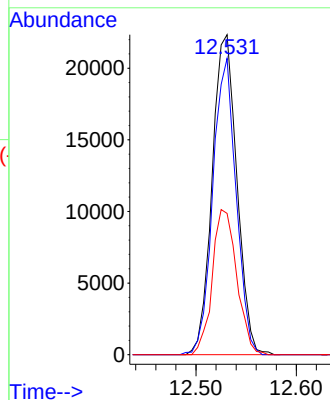
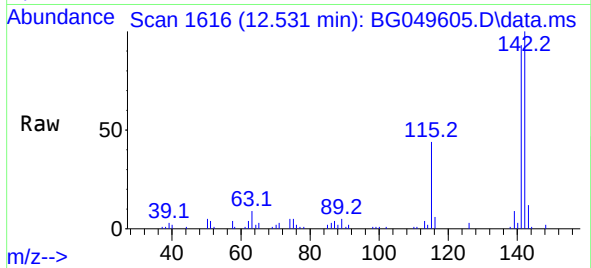
#37
2-Methylnaphthalene
Concen: 7.280 ng
RT: 12.531 min Scan# 1616
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:142 Resp: 38211
Ion Ratio Lower Upper
142 100
141 92.6 68.8 103.2
115 44.2 36.4 54.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

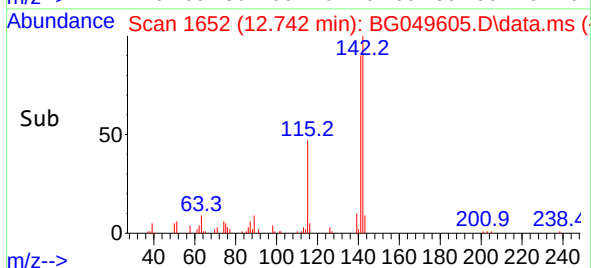
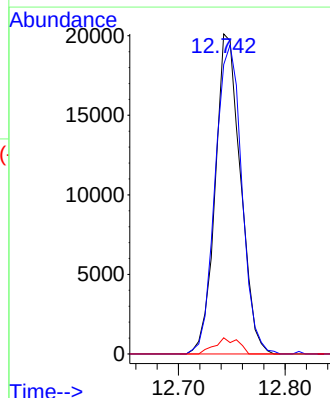
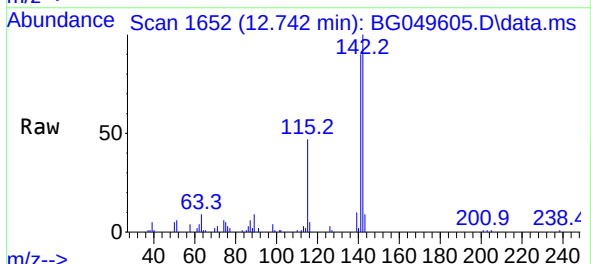
Manual Integrations
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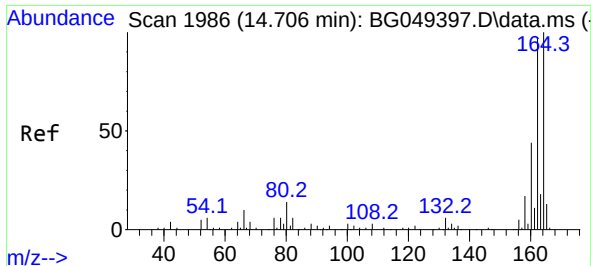
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#38
1-Methylnaphthalene
Concen: 6.587 ng
RT: 12.742 min Scan# 1652
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

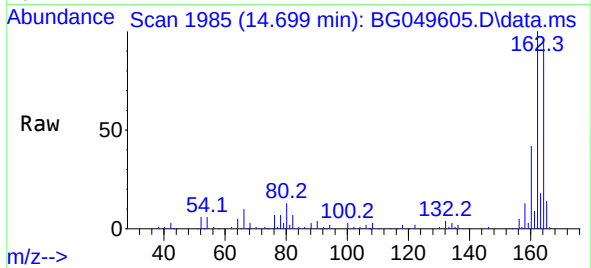
Tgt Ion:142 Resp: 33058
Ion Ratio Lower Upper
142 100
141 90.5 70.6 106.0
116 5.0 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

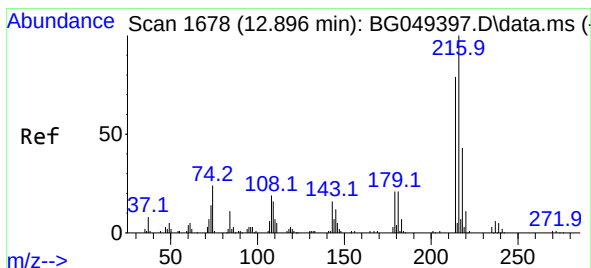
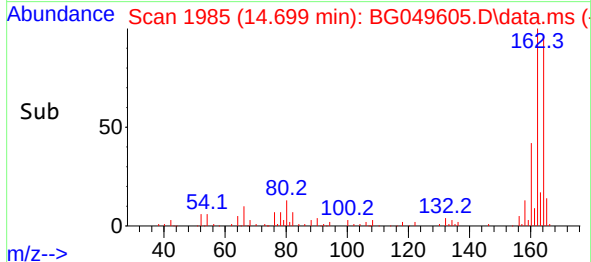
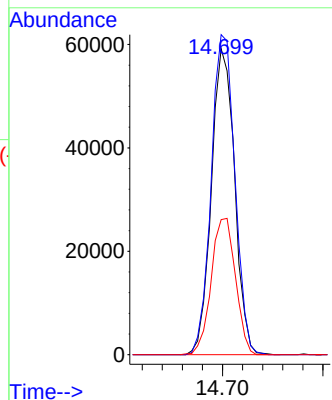
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



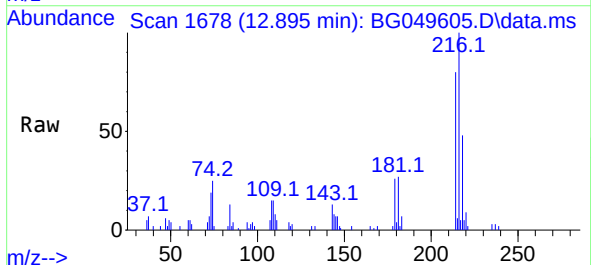
Tgt Ion:164 Resp: 95063
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 44.2 34.9 52.3

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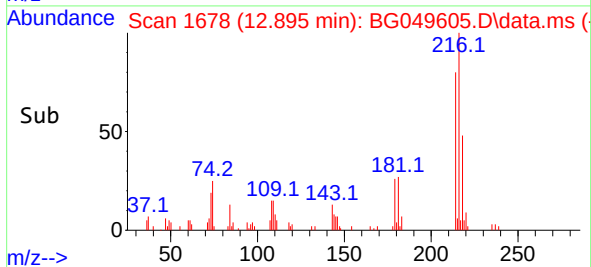
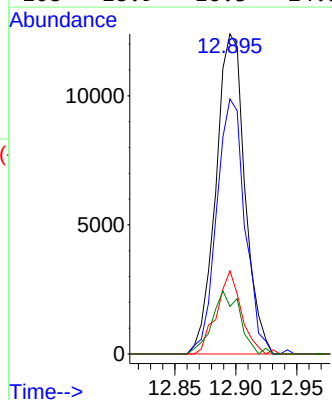
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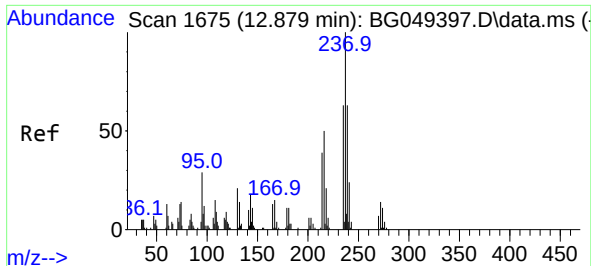


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.295 ng
RT: 12.895 min Scan# 1678
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

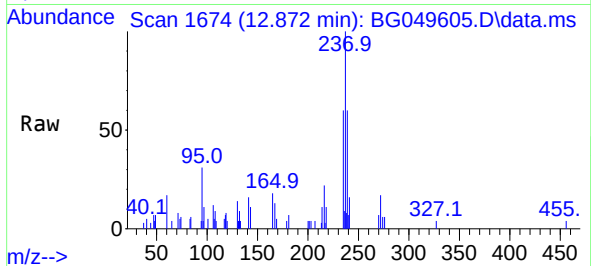


Tgt Ion:216 Resp: 20507
Ion Ratio Lower Upper
216 100
214 78.0 61.4 92.2
179 22.1 17.3 25.9
108 18.9 16.3 24.5

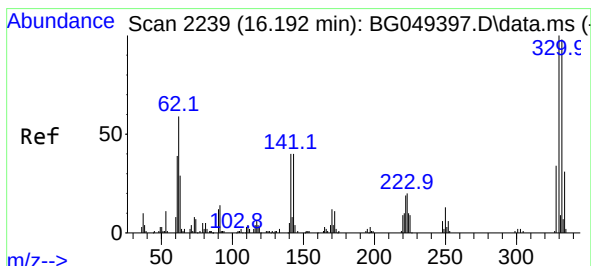
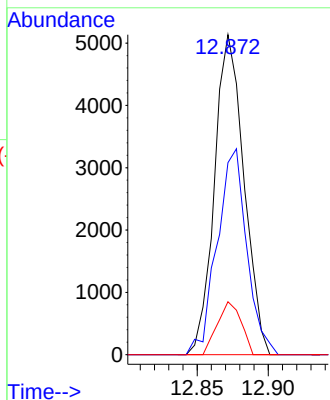
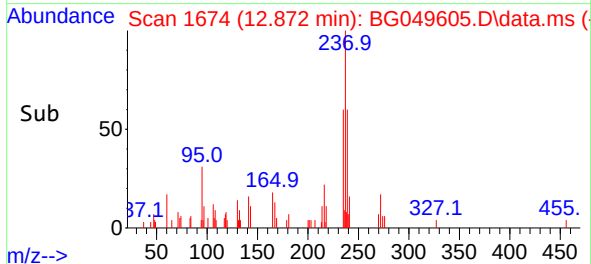




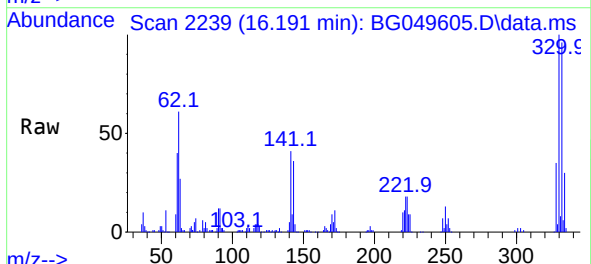
#41
Hexachlorocyclopentadiene
Concen: 5.892 ng
RT: 12.872 min Scan# 1674
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



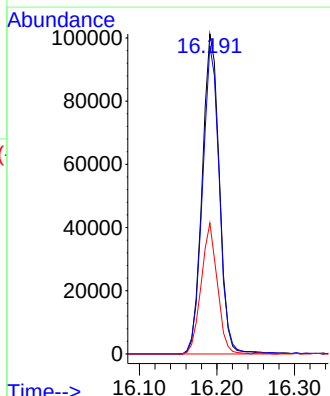
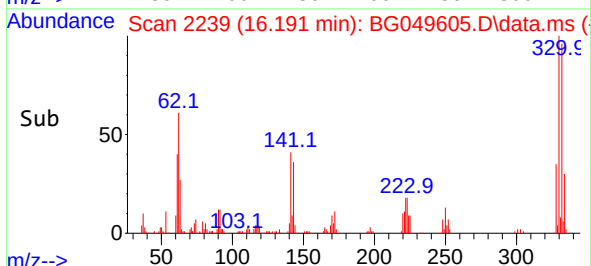
Tgt Ion: 237 Resp: 7394
Ion Ratio Lower Upper
237 100
235 60.0 36.6 76.6
272 16.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 121.559 ng
RT: 16.191 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



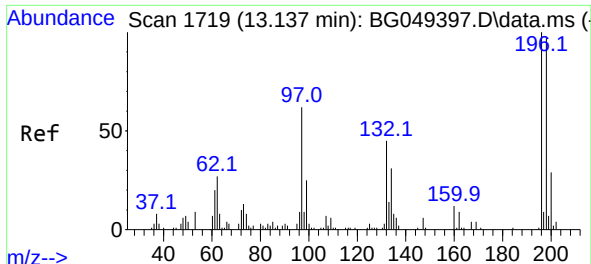
Tgt Ion: 330 Resp: 154753
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 38.4 35.6 53.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

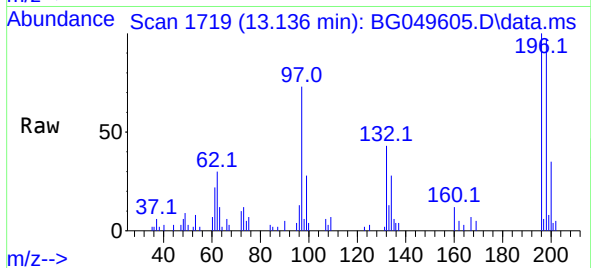
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#43
2,4,6-Trichlorophenol
Concen: 6.673 ng
RT: 13.136 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

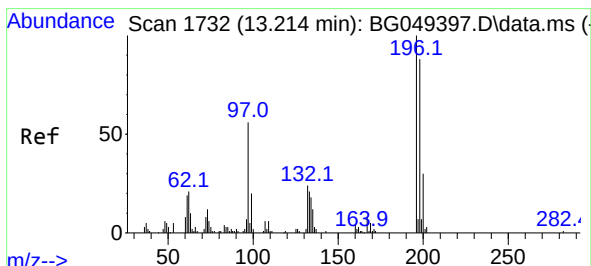
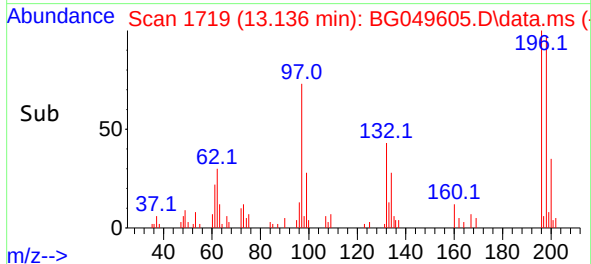
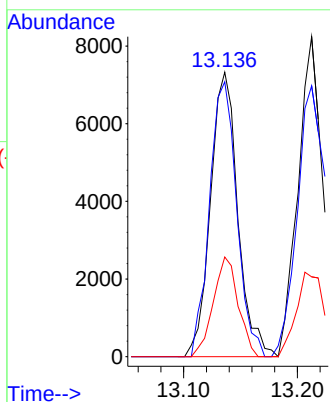
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



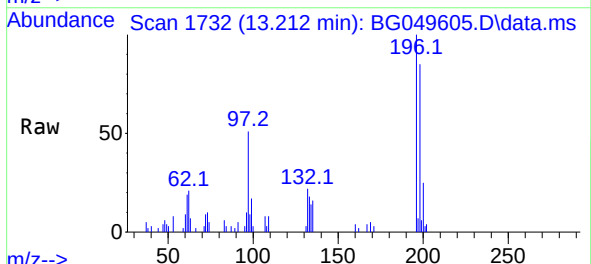
Tgt Ion:196 Resp: 12234
Ion Ratio Lower Upper
196 100
198 96.6 82.1 123.1
200 35.1 23.8 35.8

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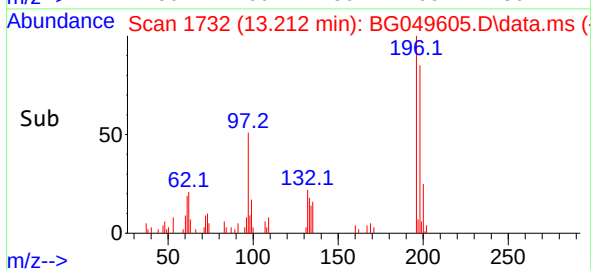
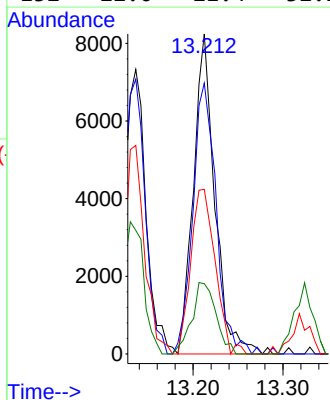
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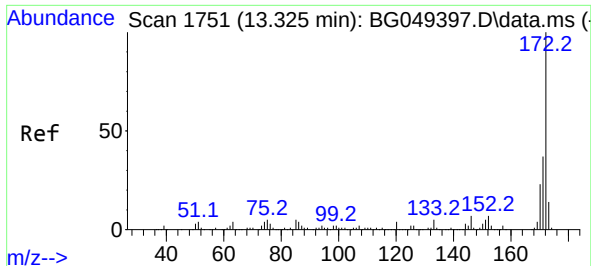


#44
2,4,5-Trichlorophenol
Concen: 6.878 ng
RT: 13.212 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



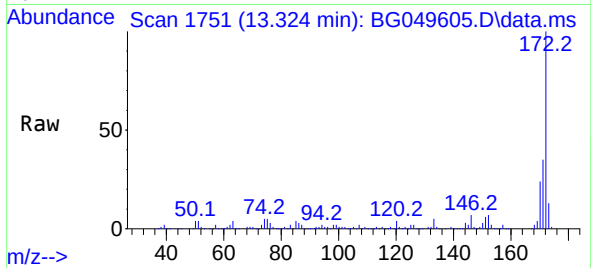
Tgt Ion:196 Resp: 13641
Ion Ratio Lower Upper
196 100
198 84.6 87.4 131.0#
97 51.5 43.3 64.9
132 22.0 21.4 32.2





#45
2-Fluorobiphenyl
Concen: 73.067 ng
RT: 13.324 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

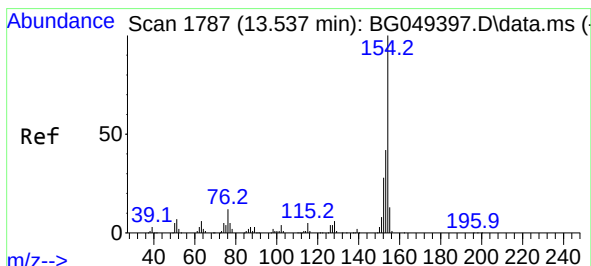
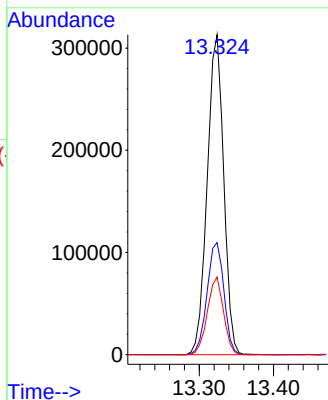
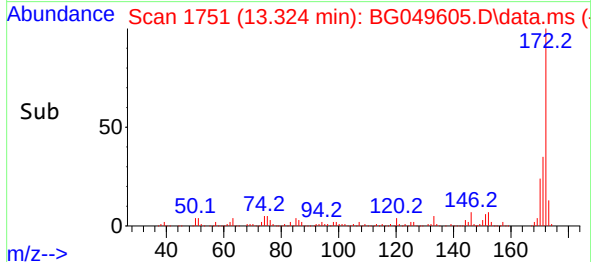
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



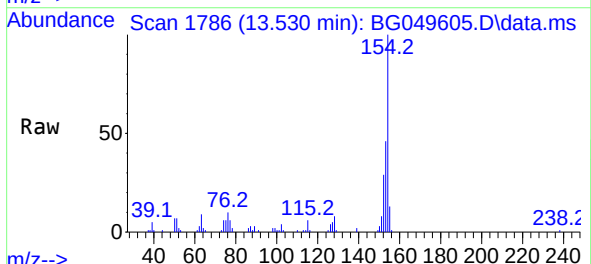
Tgt Ion:172 Resp: 482718
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.2 18.6 27.8

Manual Integrations
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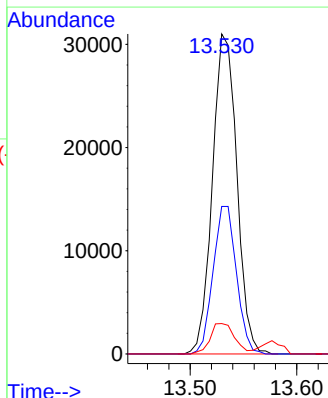
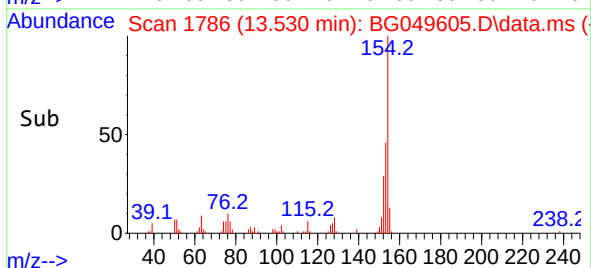
mohammad
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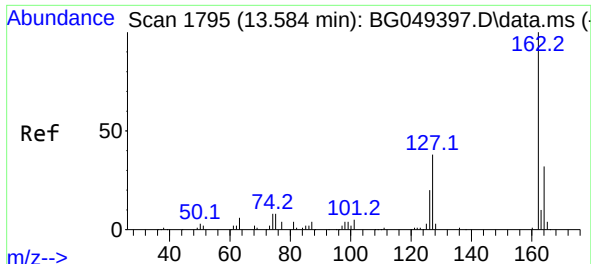


#46
1,1'-Biphenyl
Concen: 7.063 ng
RT: 13.530 min Scan# 1786
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



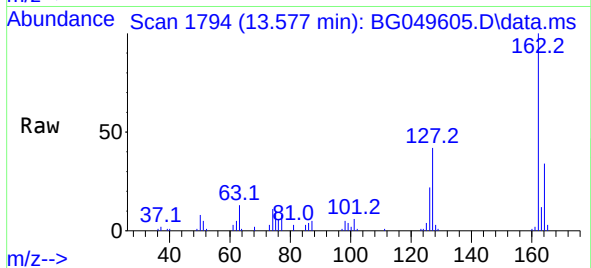
Tgt Ion:154 Resp: 49226
Ion Ratio Lower Upper
154 100
153 46.1 20.5 60.5
76 9.5 0.0 29.3





#47
2-Chloronaphthalene
Concen: 6.808 ng
RT: 13.577 min Scan# 1794
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

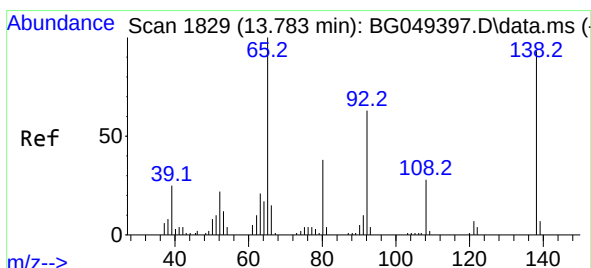
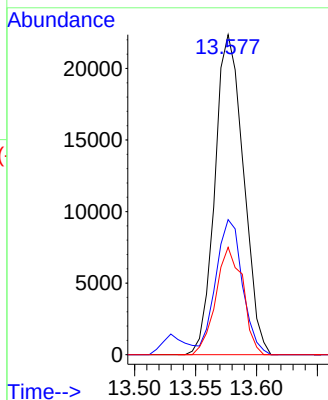
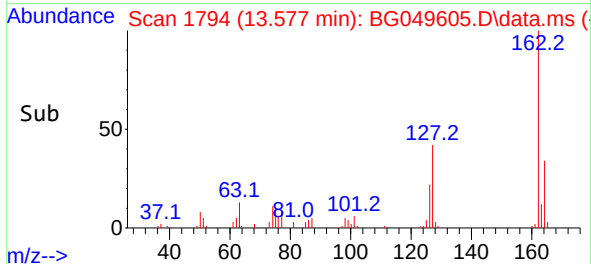
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



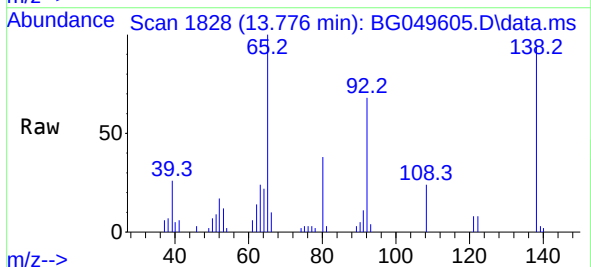
Tgt Ion:162 Resp: 36442
Ion Ratio Lower Upper
162 100
127 42.2 32.7 49.1
164 33.5 27.0 40.4

Manual Integrations
APPROVED

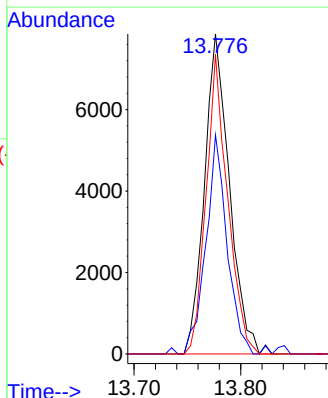
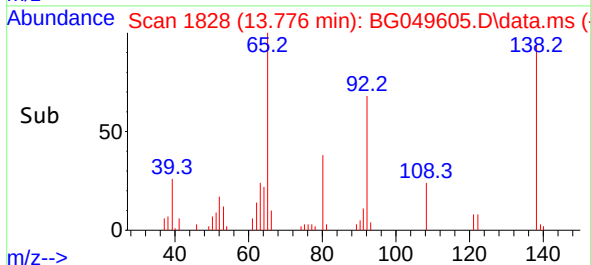
mohammad
8/3/2021 11:49:42 AM

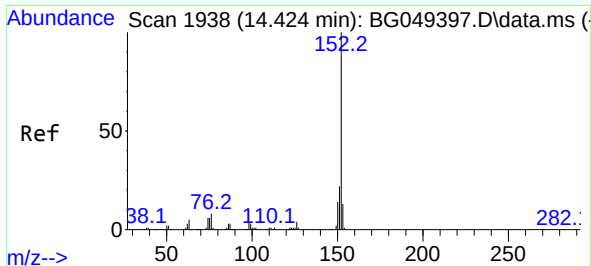


#48
2-Nitroaniline
Concen: 6.880 ng
RT: 13.776 min Scan# 1828
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



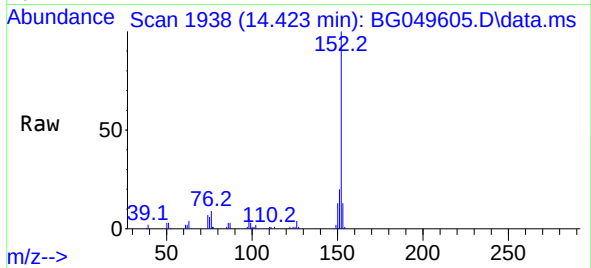
Tgt Ion: 65 Resp: 12816
Ion Ratio Lower Upper
65 100
92 68.4 47.2 70.8
138 93.7 68.0 102.0





#49
Acenaphthylene
Concen: 6.876 ng
RT: 14.423 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

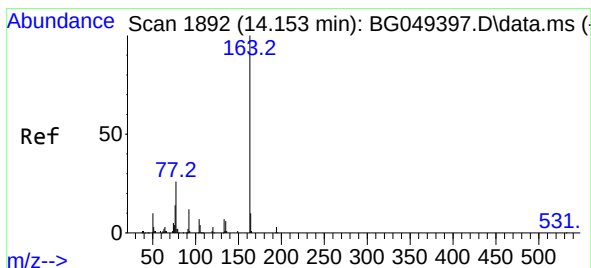
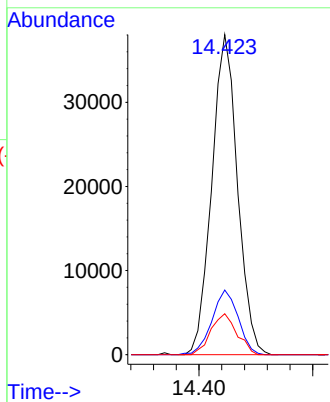
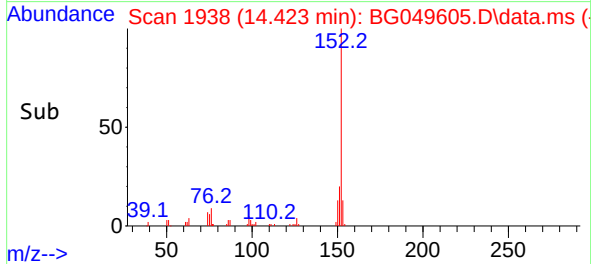
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



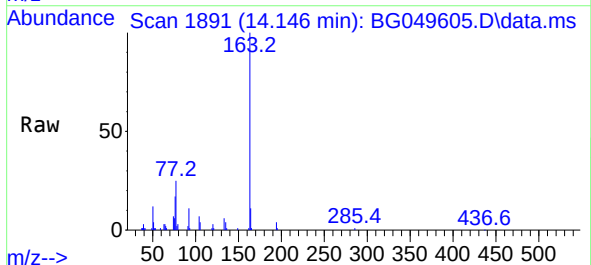
Tgt Ion:	152	Resp:	59673
Ion Ratio	100	Lower	Upper
152	100		
151	20.2	18.2	27.4
153	12.8	11.7	17.5

Manual Integrations
APPROVED

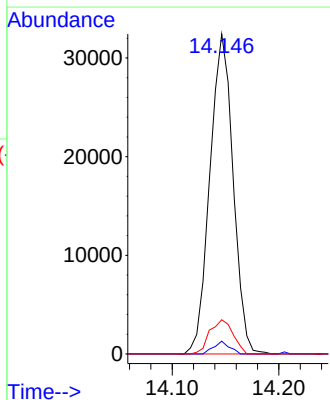
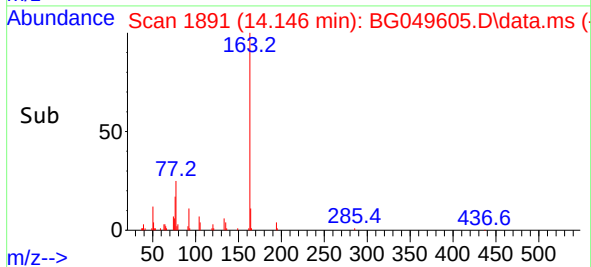
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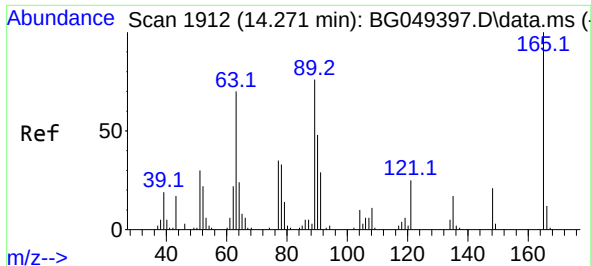


#50
Dimethylphthalate
Concen: 7.099 ng
RT: 14.146 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



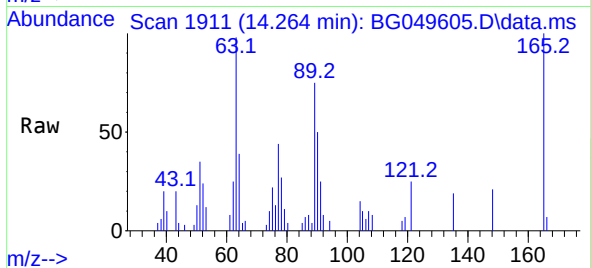
Tgt Ion:	163	Resp:	49026
Ion Ratio	100	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.7	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 6.888 ng
RT: 14.264 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

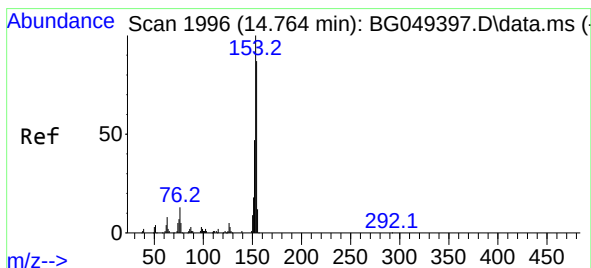
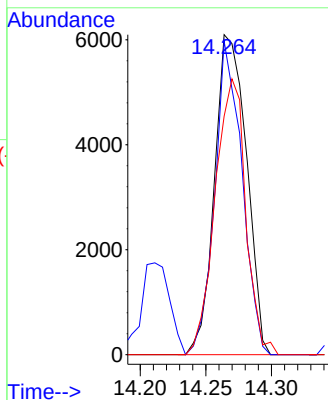
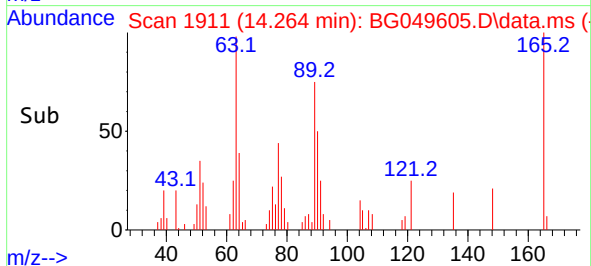
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



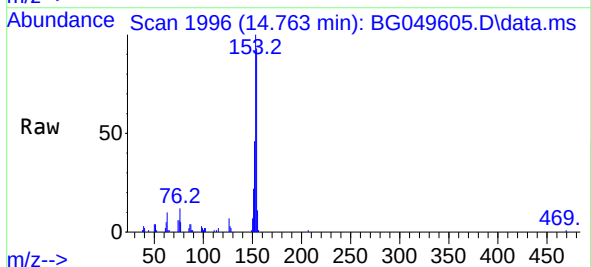
Tgt Ion:165 Resp: 10328
Ion Ratio Lower Upper
165 100
63 98.0 63.3 94.9#
89 74.5 63.4 95.0

Manual Integrations
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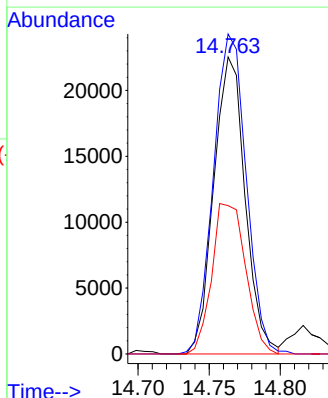
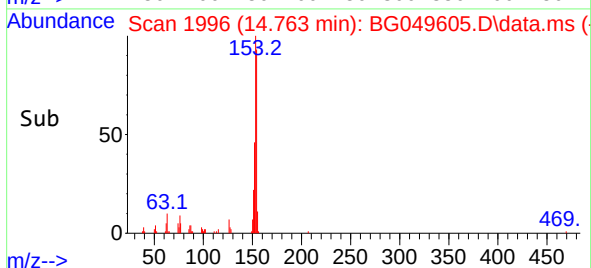
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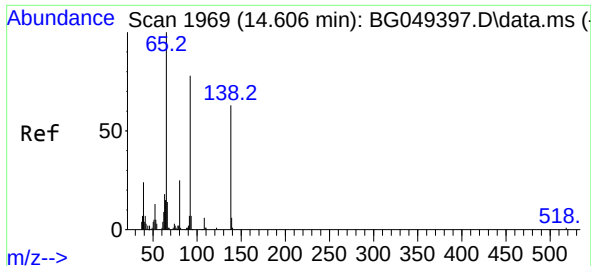


#52
Acenaphthene
Concen: 6.610 ng
RT: 14.763 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



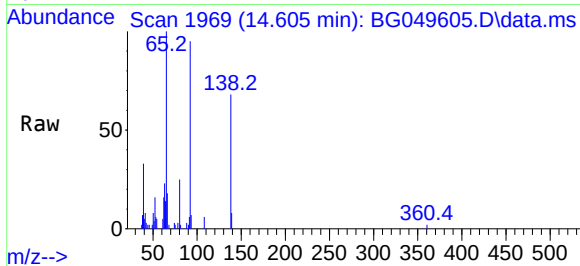
Tgt Ion:154 Resp: 34626
Ion Ratio Lower Upper
154 100
153 107.8 87.0 130.4
152 50.0 40.1 60.1





#53
3-Nitroaniline
Concen: 6.519 ng
RT: 14.605 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

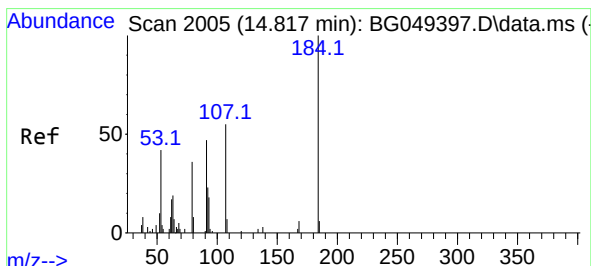
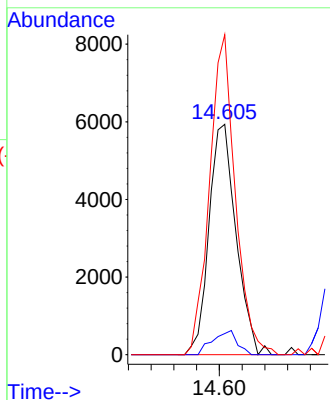
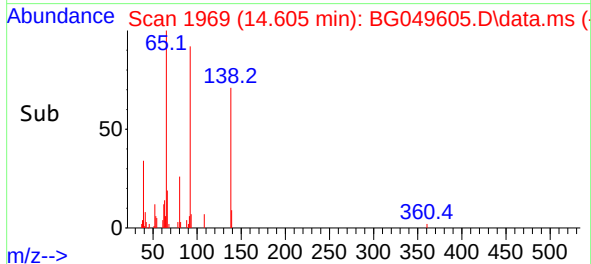
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



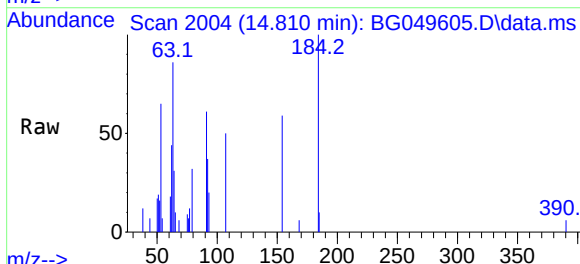
Tgt Ion:138 Resp: 9801
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 138.9 96.4 144.6

Manual Integrations
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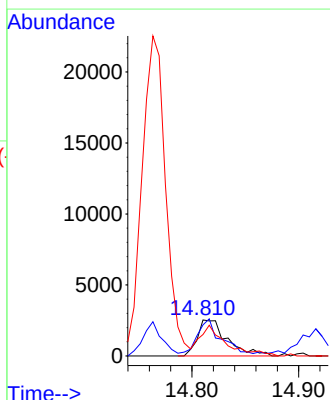
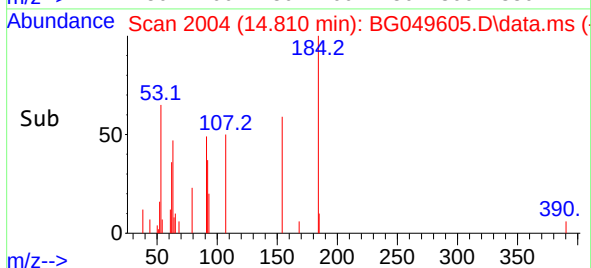
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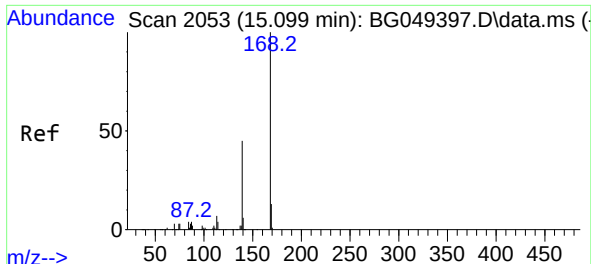


#54
2,4-Dinitrophenol
Concen: 7.786 ng
RT: 14.810 min Scan# 2004
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



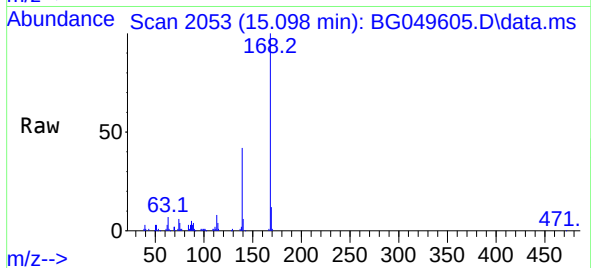
Tgt Ion:184 Resp: 4914
Ion Ratio Lower Upper
184 100
63 86.0 68.3 102.5
154 59.4 62.6 93.8#





#55
Dibenzofuran
Concen: 6.799 ng
RT: 15.098 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

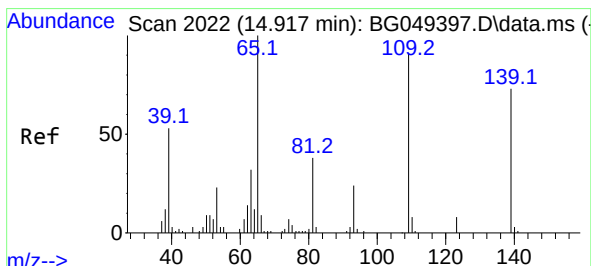
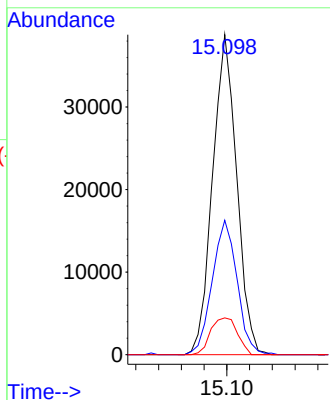
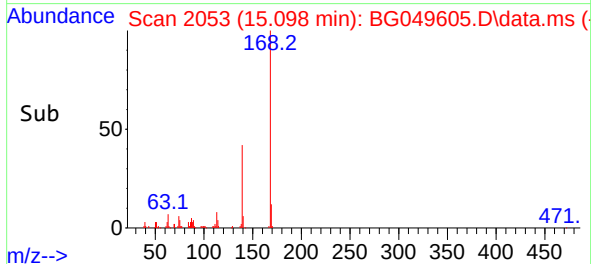
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



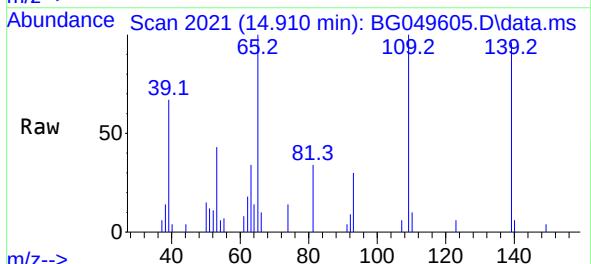
Tgt Ion:168 Resp: 57147
Ion Ratio Lower Upper
168 100
139 42.0 33.4 50.2
169 11.5 12.3 18.5#

Manual Integrations
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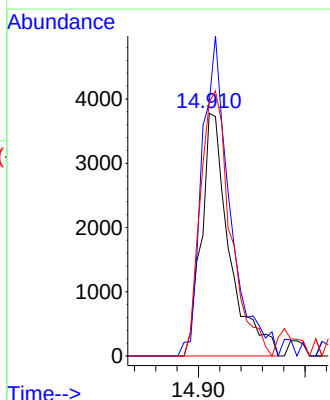
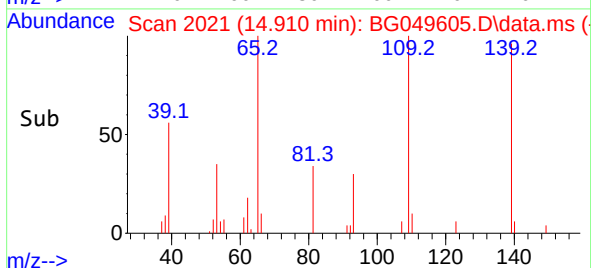
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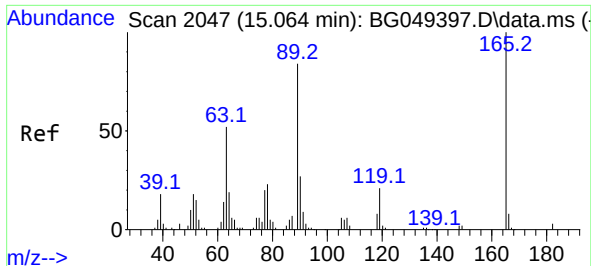


#56
4-Nitrophenol
Concen: 5.785 ng
RT: 14.910 min Scan# 2021
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

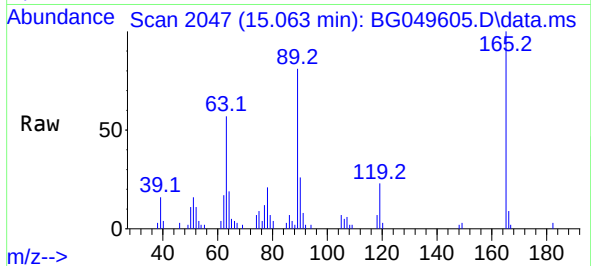


Tgt Ion:139 Resp: 6861
Ion Ratio Lower Upper
139 100
109 104.3 116.3 156.3#
65 104.5 105.0 145.0#

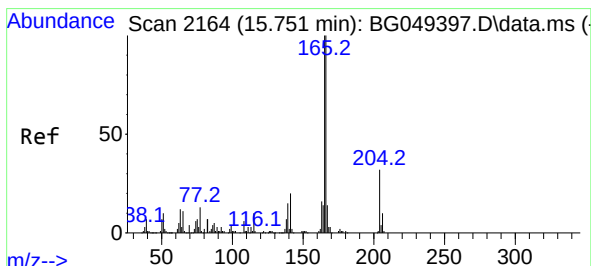
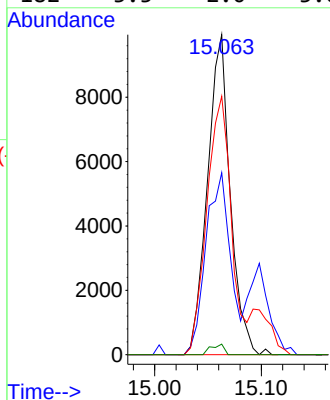
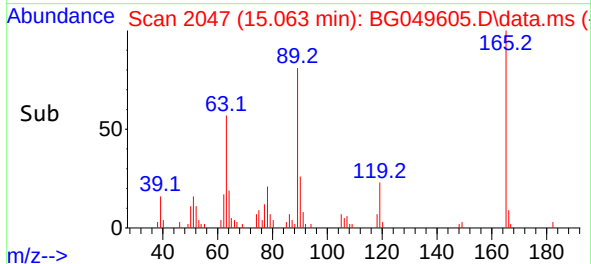




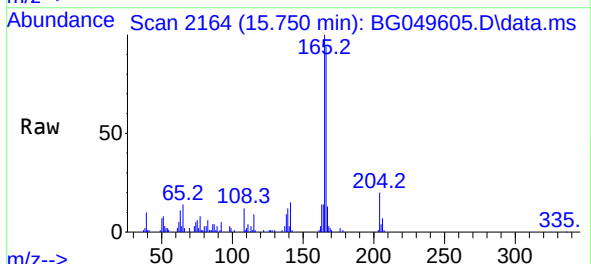
#57
2,4-Dinitrotoluene
Concen: 7.130 ng
RT: 15.063 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



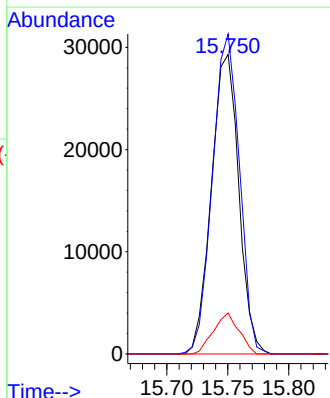
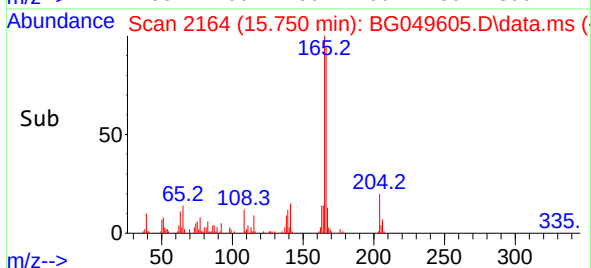
Tgt Ion:165 Resp: 14775
Ion Ratio Lower Upper
165 100
63 56.9 48.0 72.0
89 80.8 65.4 98.0
182 3.3 2.0 3.0#



#58
Fluorene
Concen: 6.719 ng
RT: 15.750 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



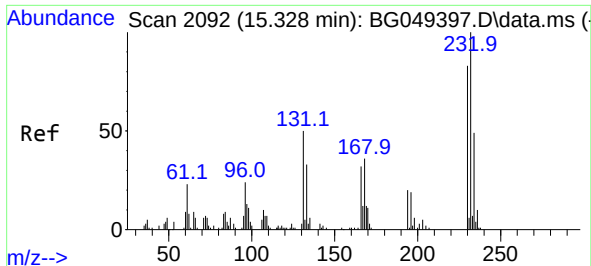
Tgt Ion:166 Resp: 45765
Ion Ratio Lower Upper
166 100
165 106.9 77.7 116.5
167 13.7 10.8 16.2



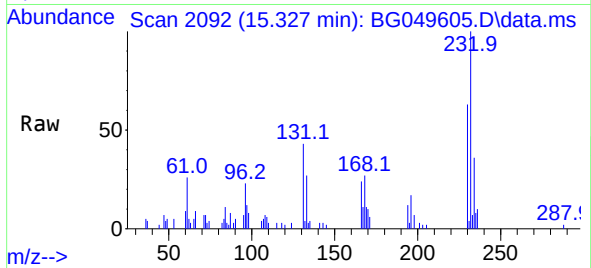
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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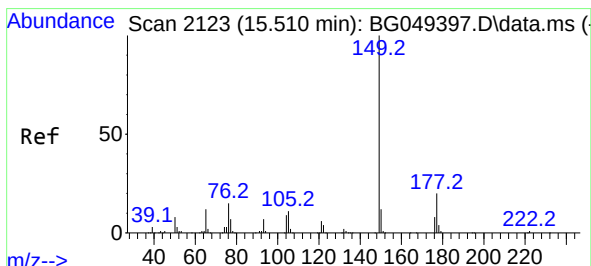
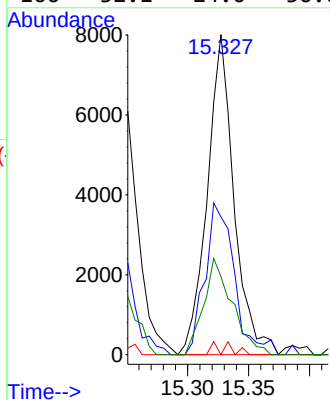
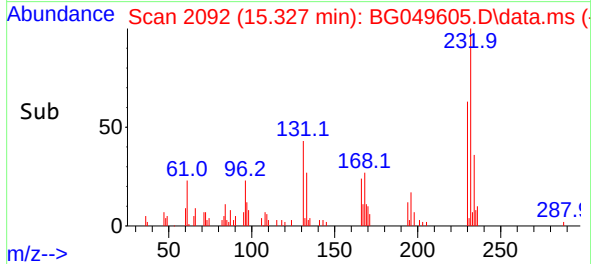
mohammad
8/3/2021 11:49:42 AM



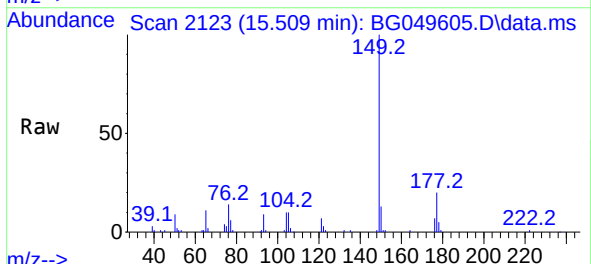
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.754 ng
RT: 15.327 min Scan# 2092
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



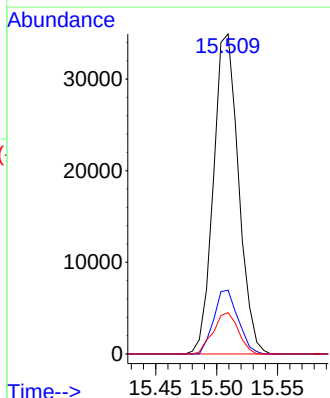
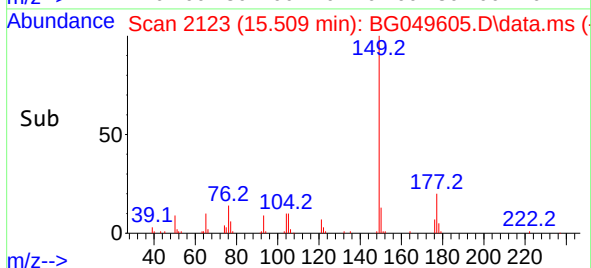
Tgt Ion:232 Resp: 12247
Ion Ratio Lower Upper
232 100
131 51.9 37.2 55.8
130 0.9 2.8 4.2#
166 32.1 24.0 36.0



#60
Diethylphthalate
Concen: 7.209 ng
RT: 15.509 min Scan# 2123
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



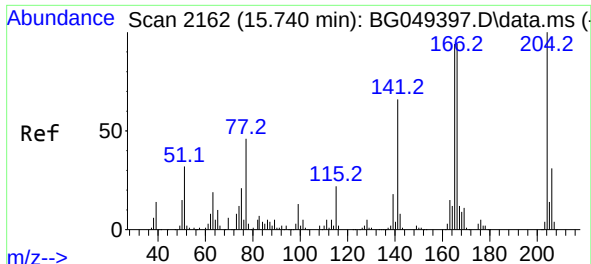
Tgt Ion:149 Resp: 50011
Ion Ratio Lower Upper
149 100
177 19.9 19.0 28.6
150 12.9 10.2 15.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

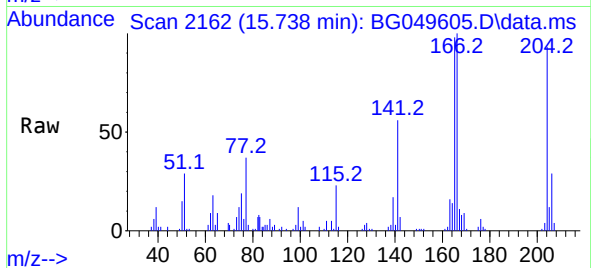
Manual Integrations
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#61
4-Chlorophenyl-phenylether
Concen: 7.149 ng
RT: 15.738 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

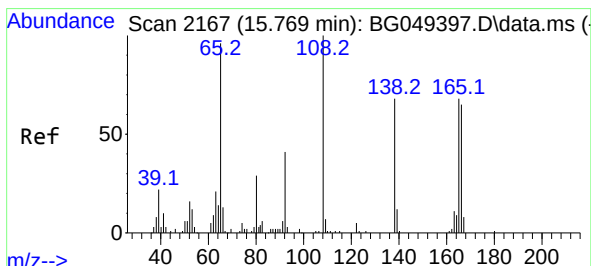
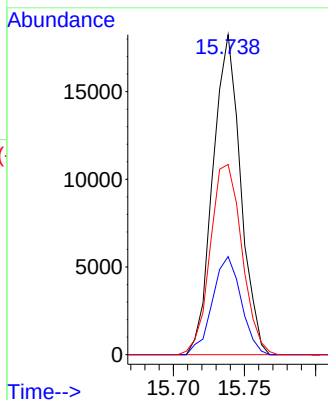
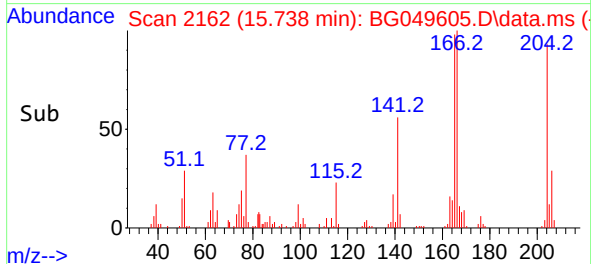
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



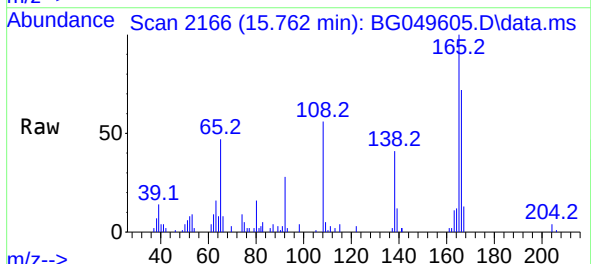
Tgt Ion:204 Resp: 24767
Ion Ratio Lower Upper
204 100
206 30.7 24.6 37.0
141 59.4 47.8 71.8

Manual Integrations
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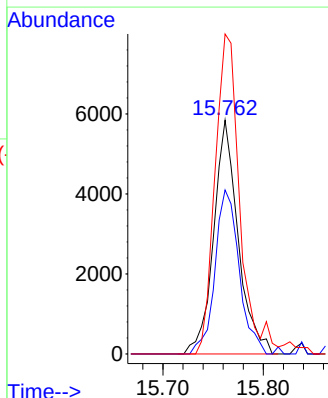
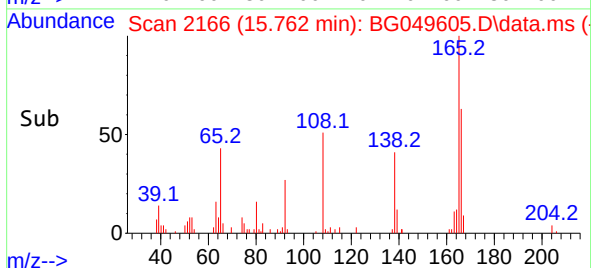
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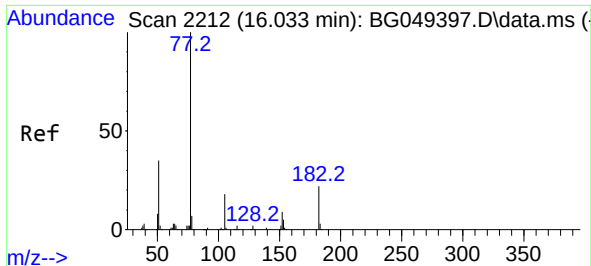


#62
4-Nitroaniline
Concen: 6.257 ng
RT: 15.762 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

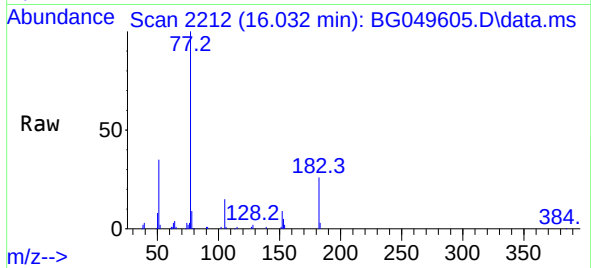


Tgt Ion:138 Resp: 9901
Ion Ratio Lower Upper
138 100
92 70.2 32.3 72.3
108 136.9 132.4 172.4

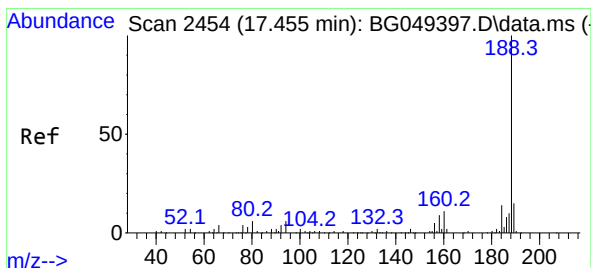
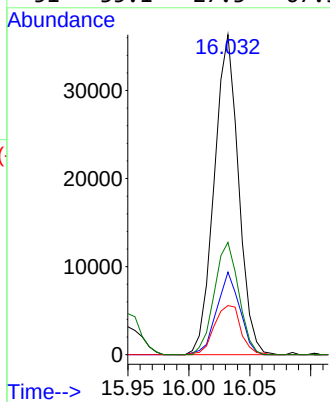
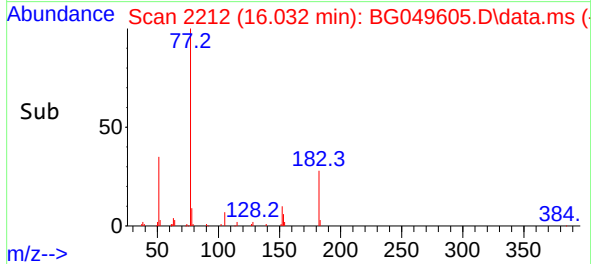




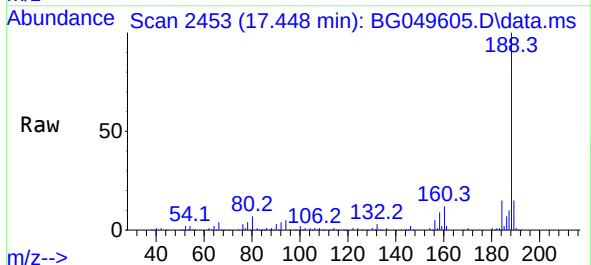
#63
Azobenzene
Concen: 6.565 ng
RT: 16.032 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



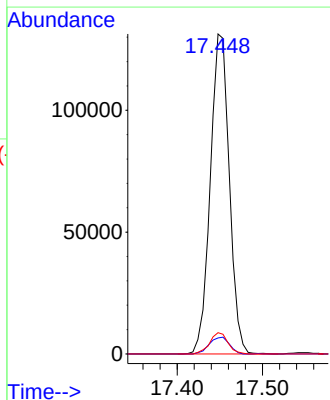
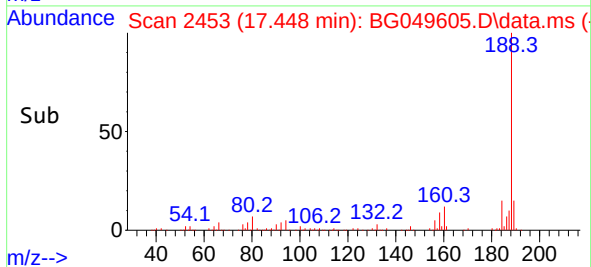
Tgt Ion: 77 Resp: 50431
Ion Ratio Lower Upper
77 100
182 25.8 7.9 47.9
105 15.4 0.0 37.9
51 35.1 27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



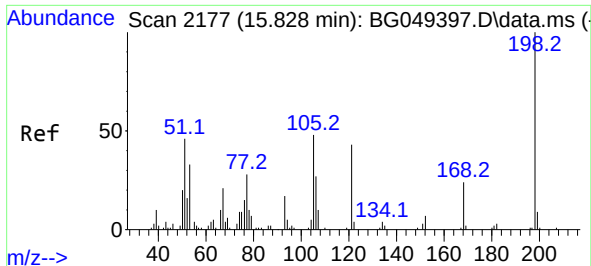
Tgt Ion: 188 Resp: 203689
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.7 3.7 5.5#



Instrument :
BNA_G
ClientSampleId :
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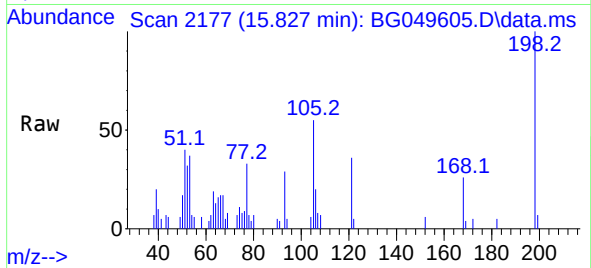
Manual Integrations
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#65
4,6-Dinitro-2-methylphenol
Concen: 5.684 ng
RT: 15.827 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

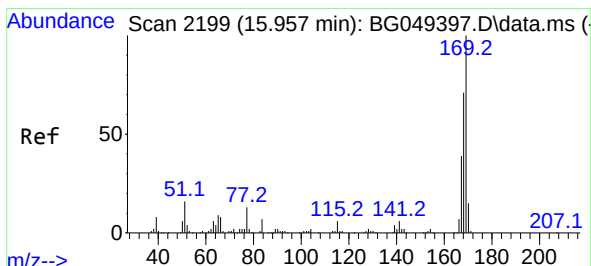
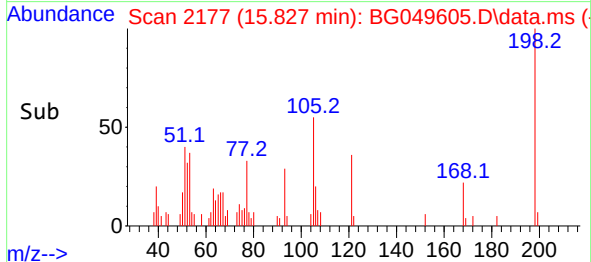
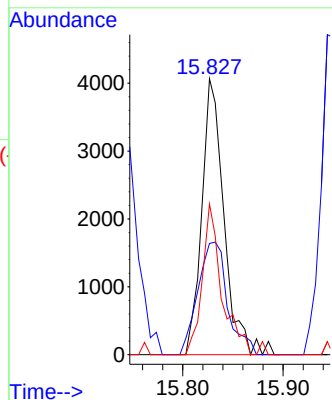
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



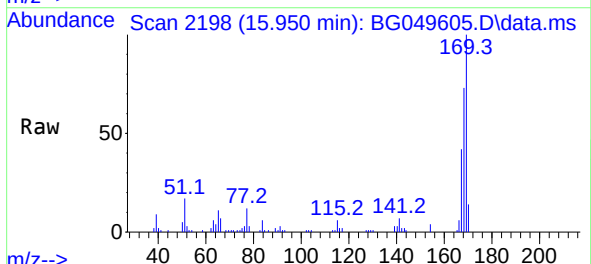
Tgt Ion:198 Resp: 6272
Ion Ratio Lower Upper
198 100
51 40.3 29.4 69.4
105 54.6 15.1 55.1

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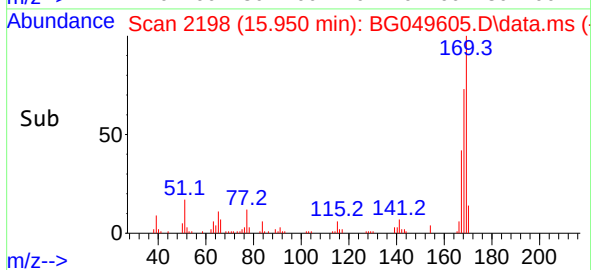
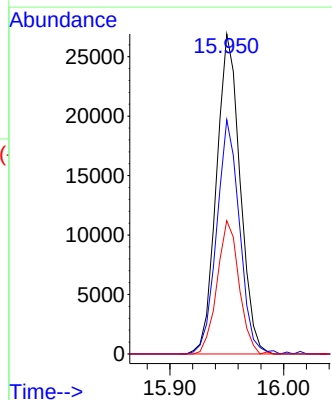
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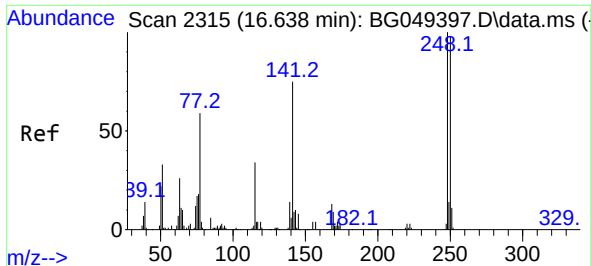


#66
n-Nitrosodiphenylamine
Concen: 6.638 ng
RT: 15.950 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



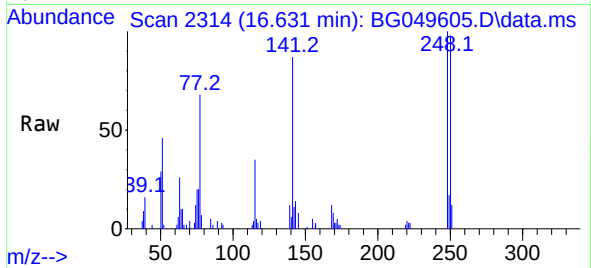
Tgt Ion:169 Resp: 38835
Ion Ratio Lower Upper
169 100
168 73.2 56.3 84.5
167 41.7 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 6.829 ng
RT: 16.631 min Scan# 2314
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

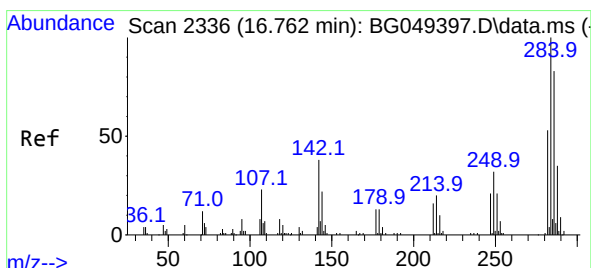
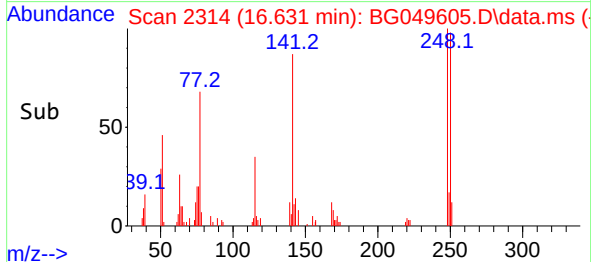
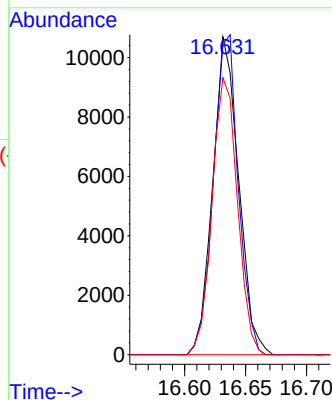
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



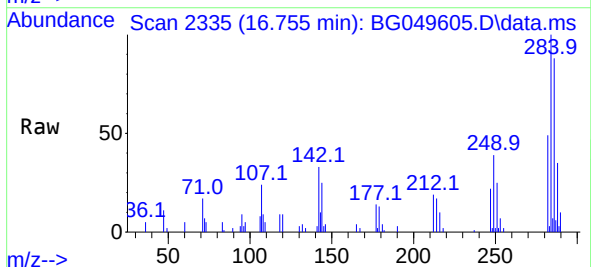
Tgt Ion:248 Resp: 15756
Ion Ratio Lower Upper
248 100
250 97.7 76.1 114.1
141 87.1 65.4 98.2

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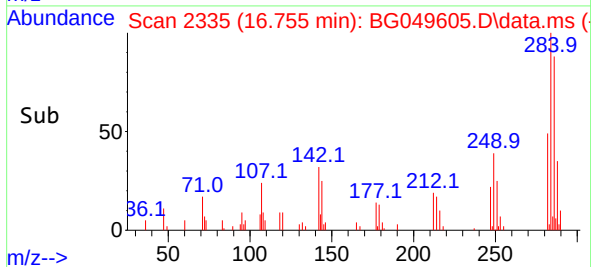
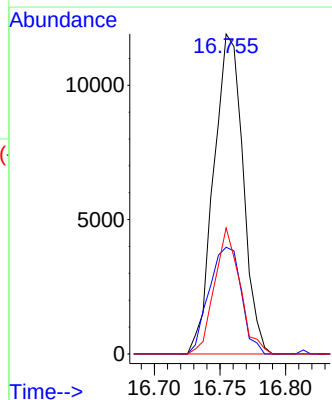
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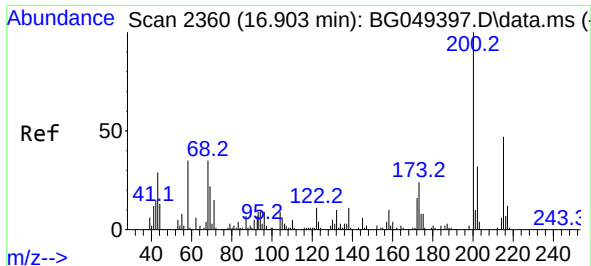


#68
Hexachlorobenzene
Concen: 7.062 ng
RT: 16.755 min Scan# 2335
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



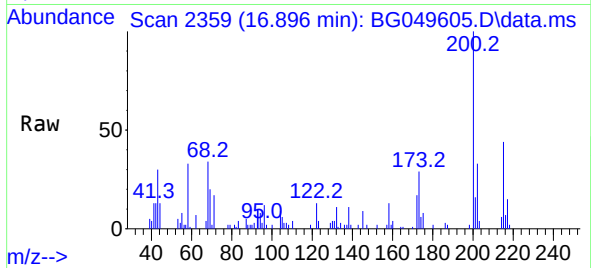
Tgt Ion:284 Resp: 18450
Ion Ratio Lower Upper
284 100
142 33.4 27.0 40.6
249 39.4 28.2 42.2





#69
Atrazine
Concen: 7.424 ng
RT: 16.896 min Scan# 2359
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

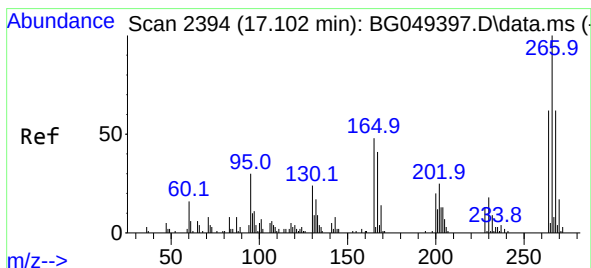
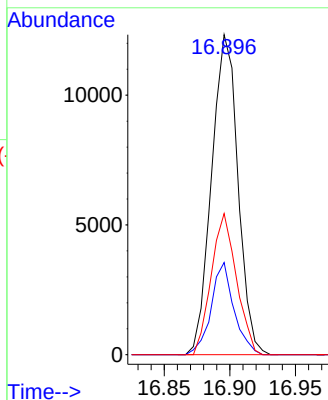
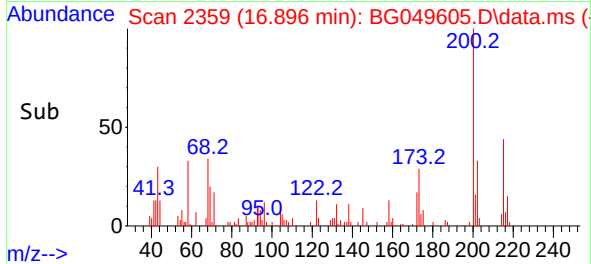
Instrument :
BNA_G
ClientSampleId :
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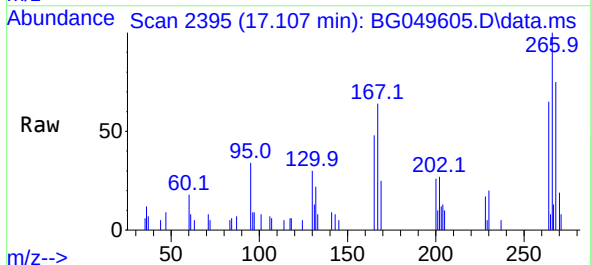
Tgt Ion:200 Resp: 17212
Ion Ratio Lower Upper
200 100
173 28.8 3.7 43.7
215 44.1 26.9 66.9

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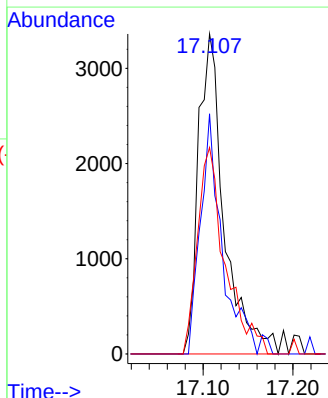
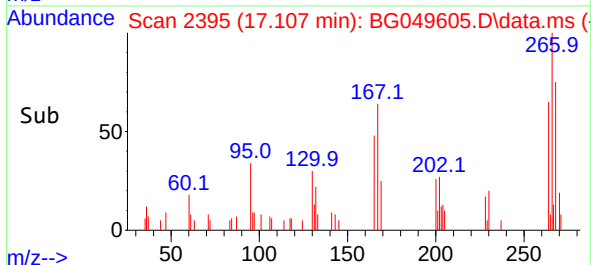
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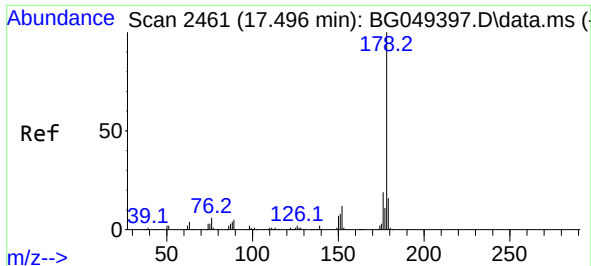


#70
Pentachlorophenol
Concen: 5.682 ng
RT: 17.107 min Scan# 2395
Delta R.T. 0.005 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

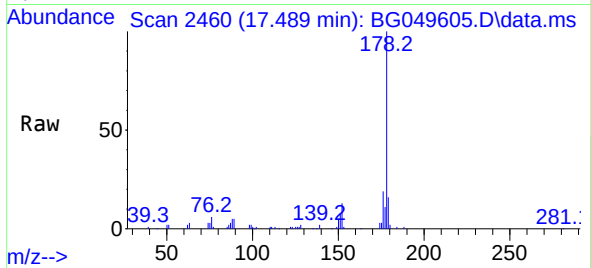


Tgt Ion:266 Resp: 6671
Ion Ratio Lower Upper
266 100
268 75.0 49.0 73.4#
264 64.5 49.0 73.6

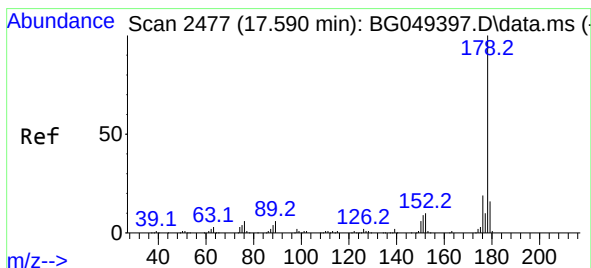
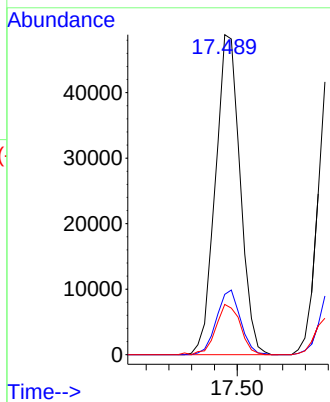
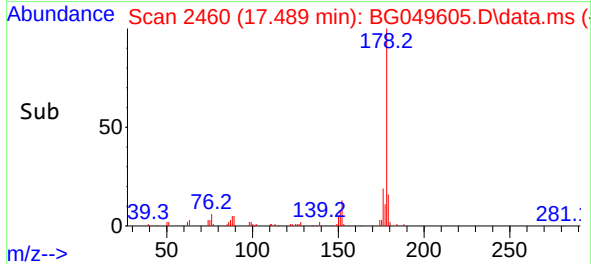




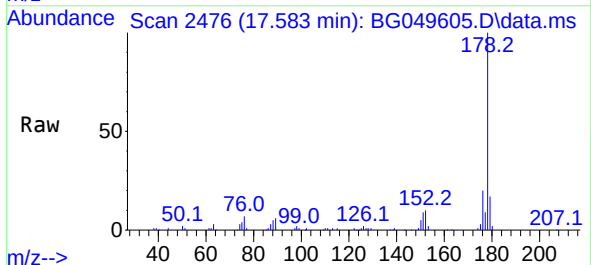
#71
Phenanthrene
Concen: 6.726 ng
RT: 17.489 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



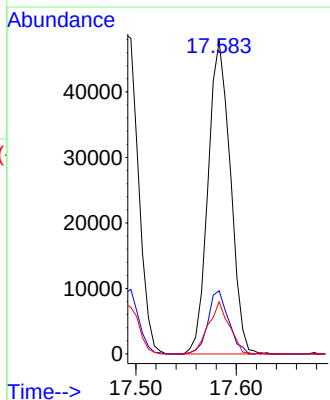
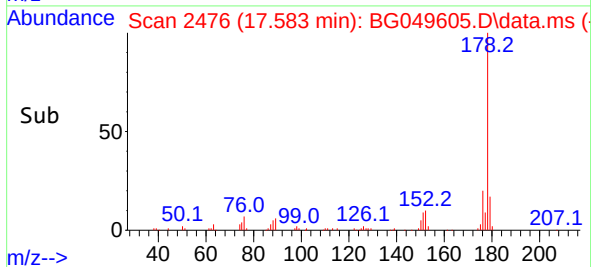
Tgt Ion:178 Resp: 73647
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.7 14.2 21.4



#72
Anthracene
Concen: 6.853 ng
RT: 17.583 min Scan# 2476
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



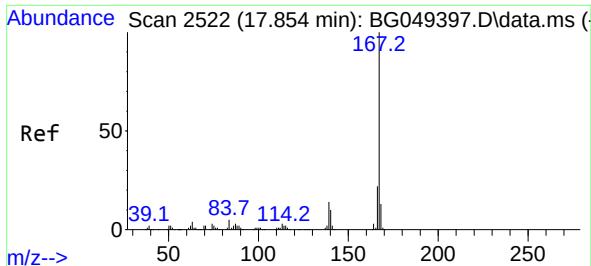
Tgt Ion:178 Resp: 73753
Ion Ratio Lower Upper
178 100
176 20.2 14.6 21.8
179 16.7 13.4 20.0



Instrument :
BNA_G
ClientSampleId :
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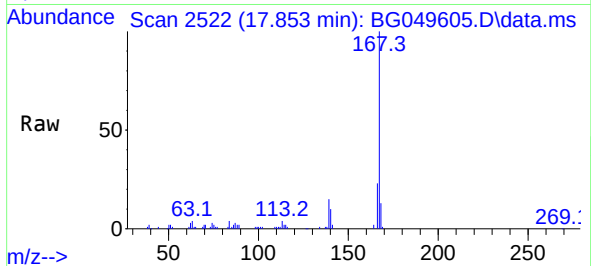
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#73
 Carbazole
 Concen: 6.413 ng
 RT: 17.853 min Scan# 2522
 Delta R.T. -0.001 min
 Lab File: BG049605.D
 Acq: 2 Aug 2021 15:46

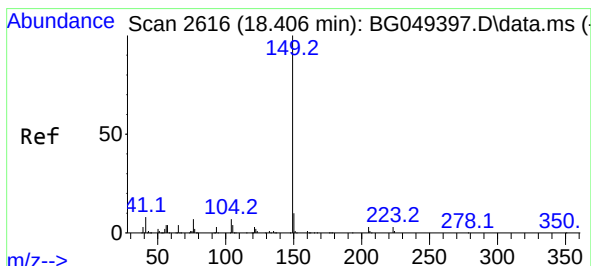
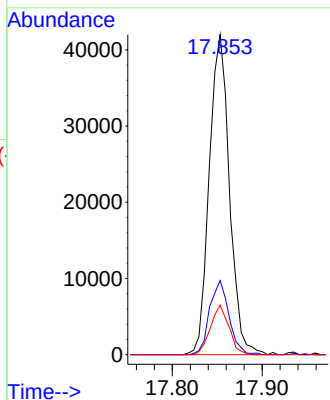
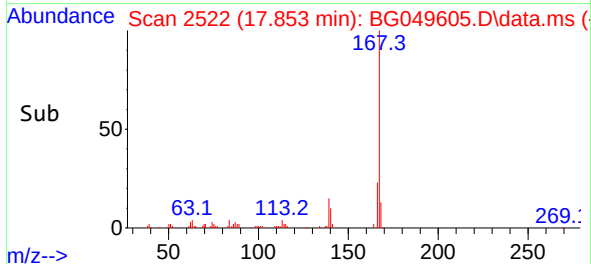
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



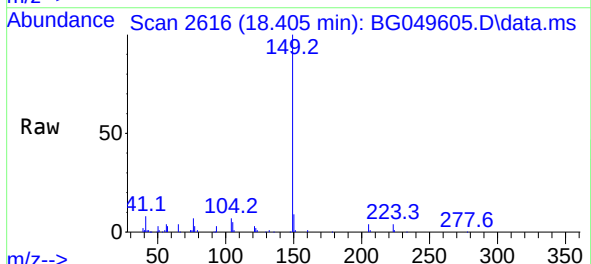
Tgt Ion:	167	Resp:	65647
Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.4	26.2
139	15.5	10.7	16.1

Manual Integrations
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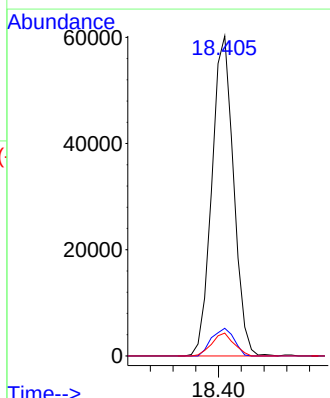
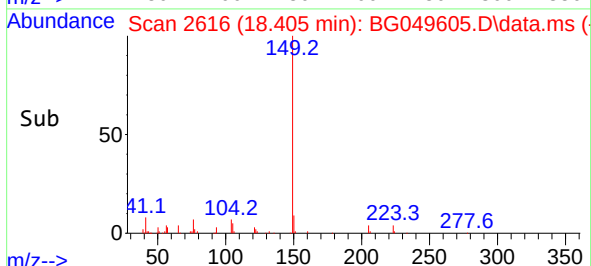
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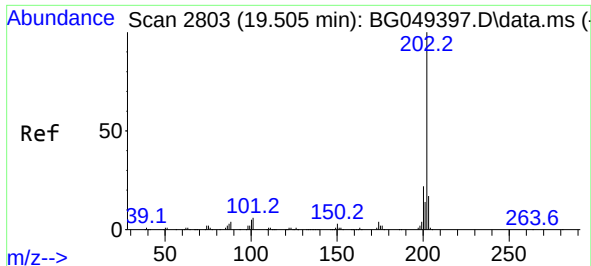


#74
 Di-n-butylphthalate
 Concen: 6.840 ng
 RT: 18.405 min Scan# 2616
 Delta R.T. -0.001 min
 Lab File: BG049605.D
 Acq: 2 Aug 2021 15:46

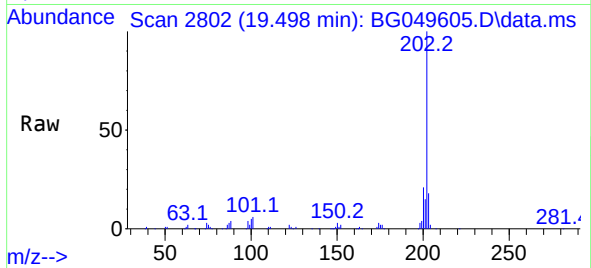


Tgt Ion:	149	Resp:	79846
Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	7.1	6.6	10.0

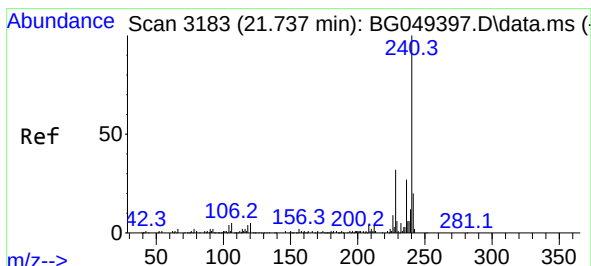
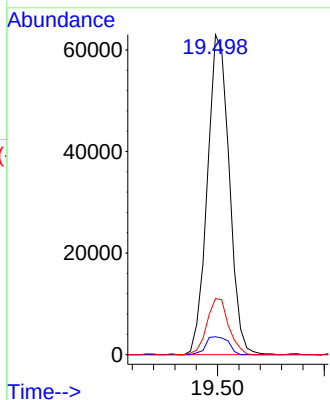
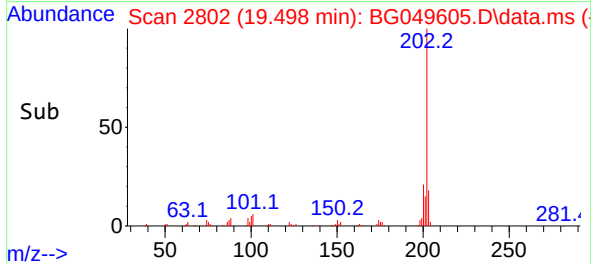




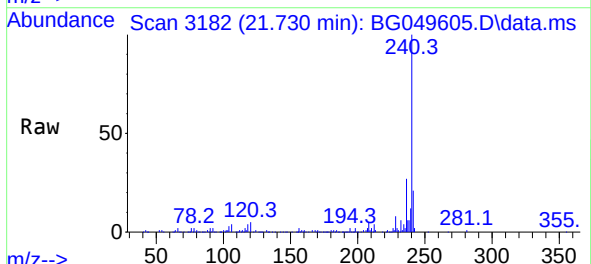
#75
Fluoranthene
Concen: 6.578 ng
RT: 19.498 min Scan# 2802
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



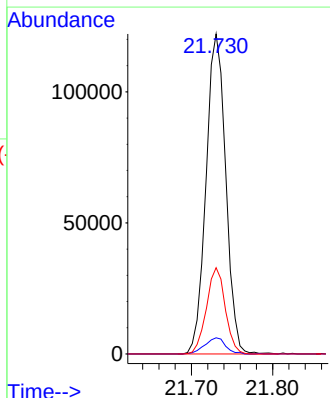
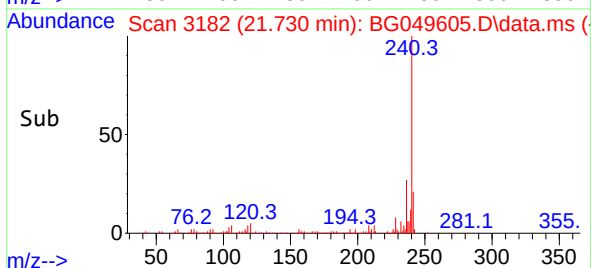
Tgt Ion:202 Resp: 89674
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 17.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



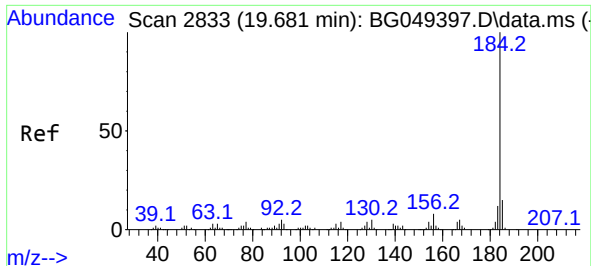
Tgt Ion:240 Resp: 205384
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 26.9 21.8 32.6



Instrument :
BNA_G
ClientSampleId :
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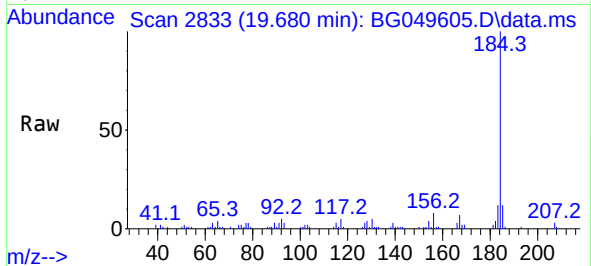
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#77
Benzidine
Concen: 6.969 ng
RT: 19.680 min Scan# 2833
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

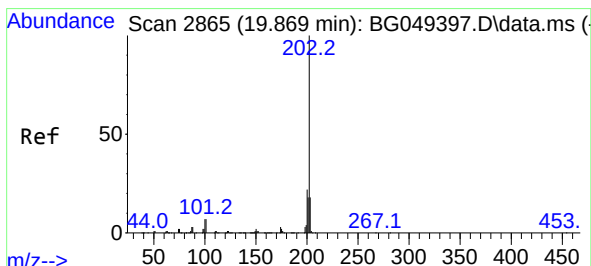
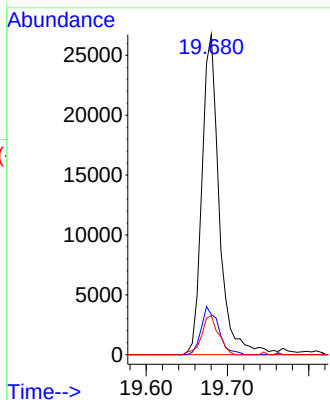
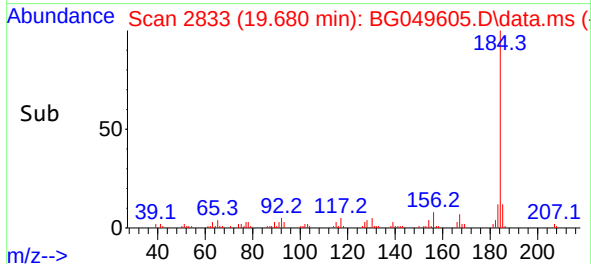
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



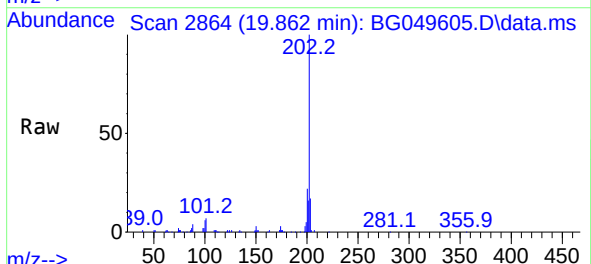
Tgt Ion:184 Resp: 39615
Ion Ratio Lower Upper
184 100
185 12.5 10.7 16.1
183 12.2 9.4 14.0

Manual Integrations
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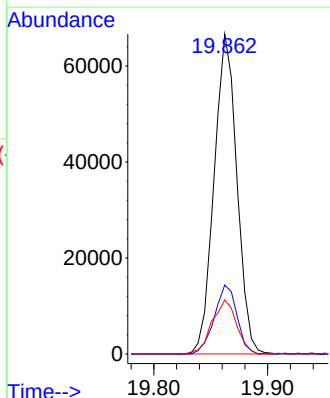
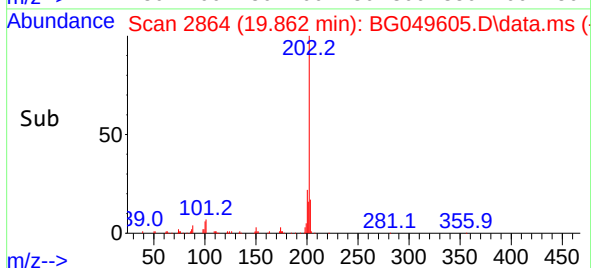
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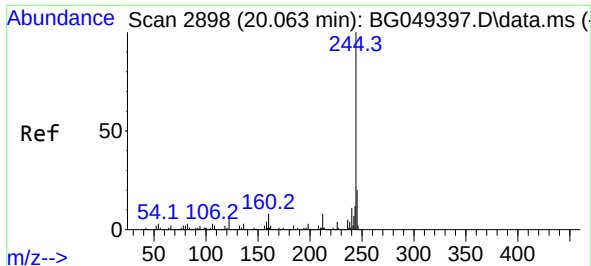


#78
Pyrene
Concen: 6.879 ng
RT: 19.862 min Scan# 2864
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



Tgt Ion:202 Resp: 92733
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 16.9 14.6 21.8





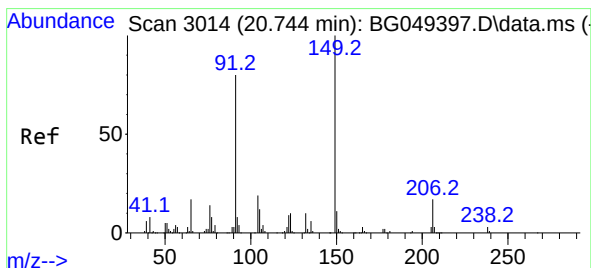
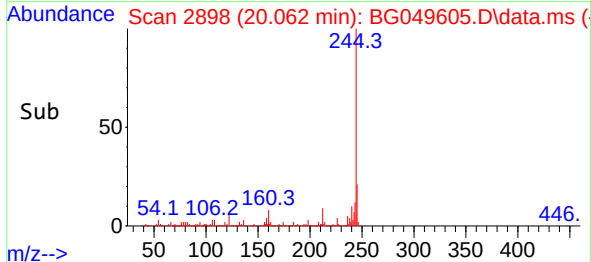
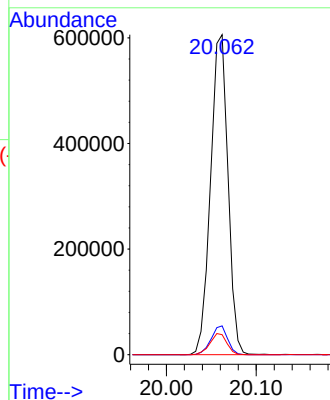
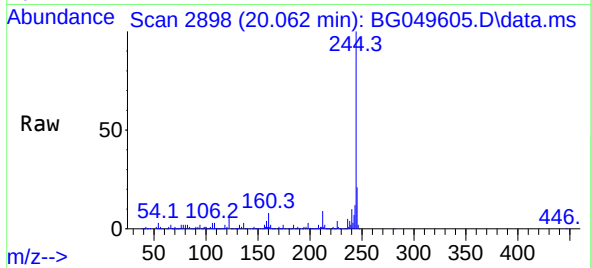
#79
Terphenyl-d14
Concen: 77.522 ng
RT: 20.062 min Scan# 2898
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:	244	Resp:	815262
Ion Ratio	Lower	Upper	
244	100		
212	9.0	6.9	10.3
122	6.2	5.0	7.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

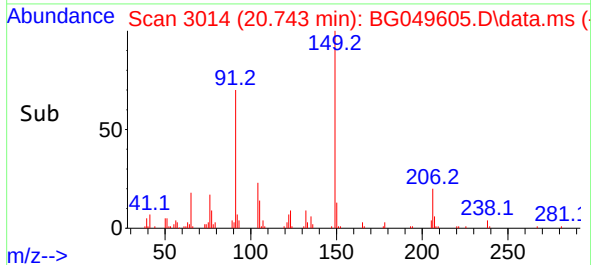
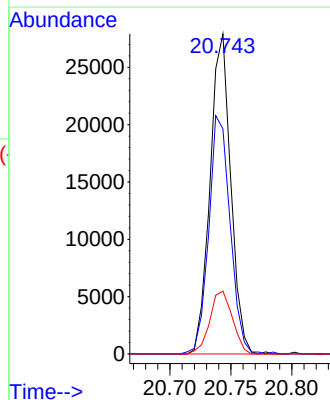
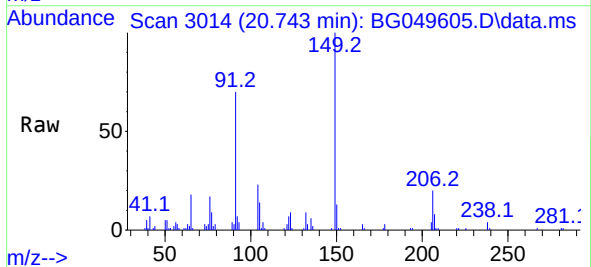
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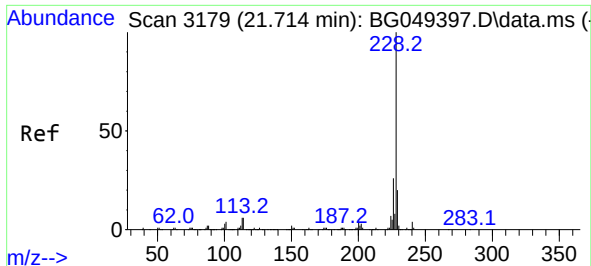
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#80
Butylbenzylphthalate
Concen: 6.715 ng
RT: 20.743 min Scan# 3014
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:	149	Resp:	32914
Ion Ratio	Lower	Upper	
149	100		
91	70.3	63.4	95.2
206	19.7	18.4	27.6





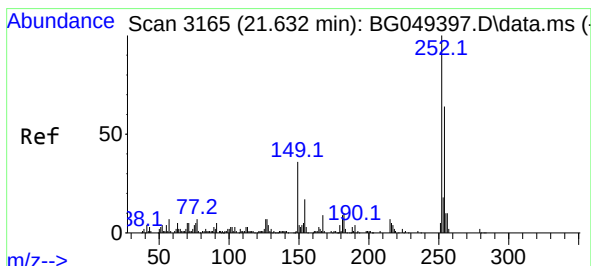
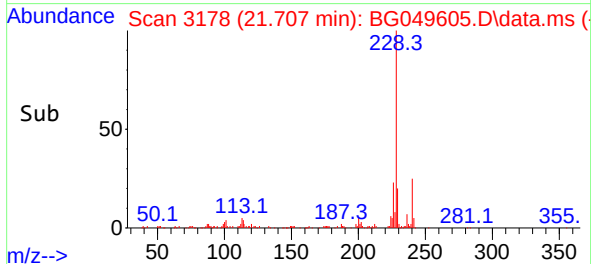
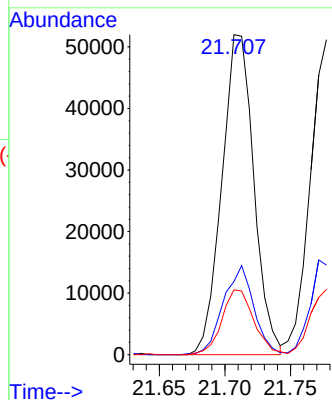
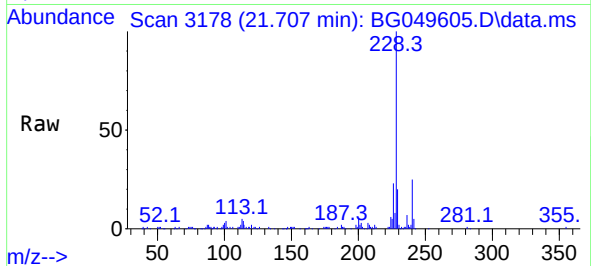
#81
Benzo(a)anthracene
Concen: 6.782 ng
RT: 21.707 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion:228 Resp: 88237
Ion Ratio Lower Upper
228 100
226 22.8 22.7 34.1
229 20.3 16.0 24.0

Instrument :
BNA_G
ClientSampleId :
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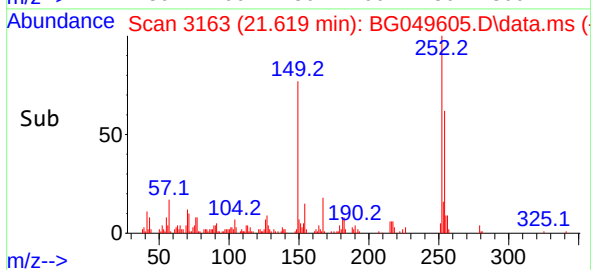
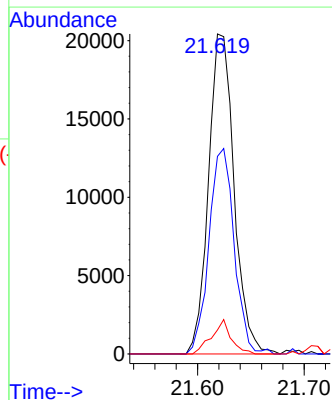
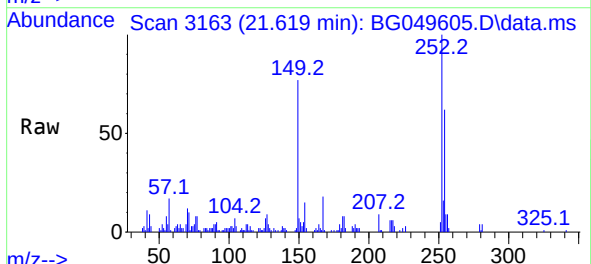
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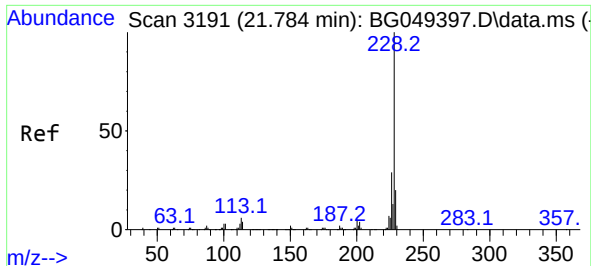
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#82
3,3'-Dichlorobenzidine
Concen: 9.083 ng
RT: 21.619 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

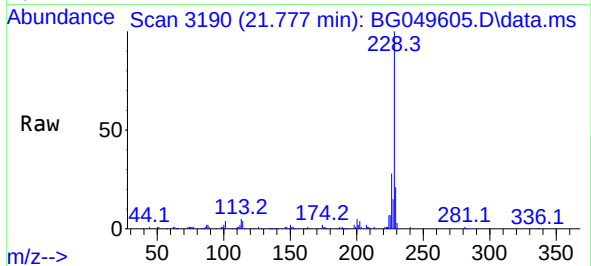
Tgt Ion:252 Resp: 34089
Ion Ratio Lower Upper
252 100
254 61.8 52.4 78.6
126 7.5 5.9 8.9





#83
Chrysene
Concen: 6.743 ng
RT: 21.777 min Scan# 3190
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

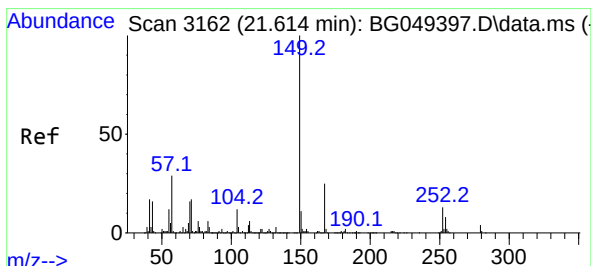
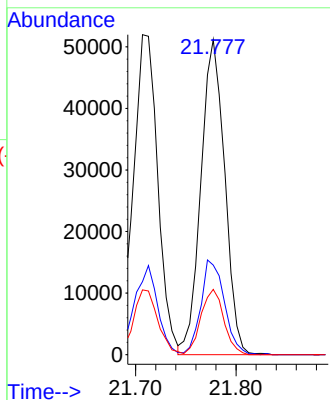
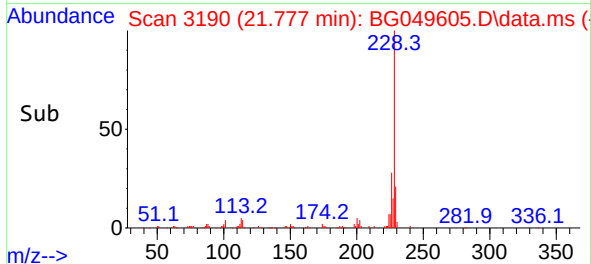
Instrument :
BNA_G
ClientSampleId :
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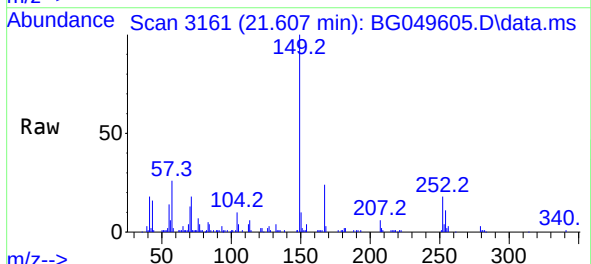
Tgt Ion:228 Resp: 84592
Ion Ratio Lower Upper
228 100
226 28.4 23.1 34.7
229 20.7 15.3 22.9

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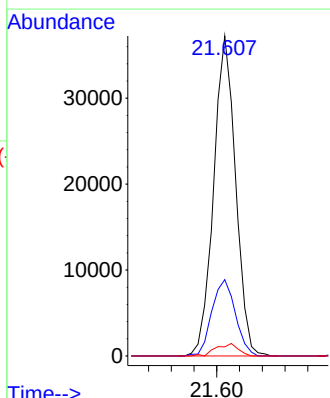
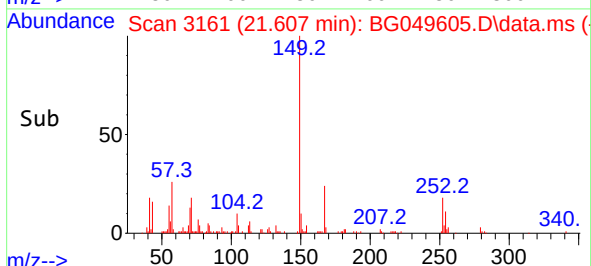
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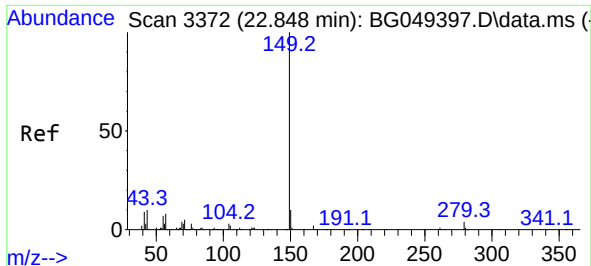


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.792 ng
RT: 21.607 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

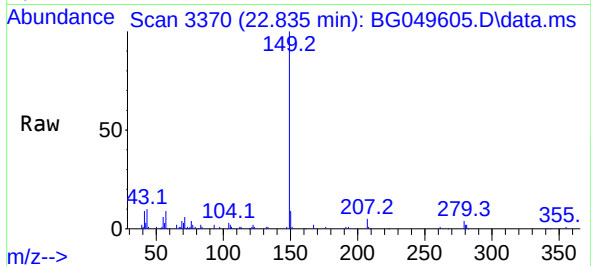


Tgt Ion:149 Resp: 49927
Ion Ratio Lower Upper
149 100
167 23.8 22.3 33.5
279 2.9 3.8 5.8#

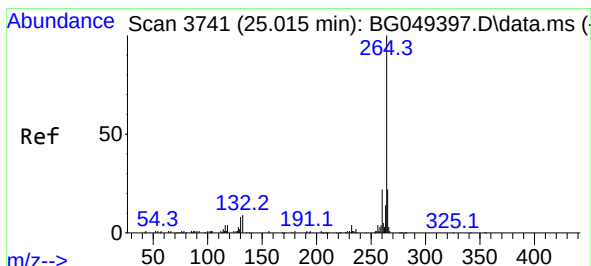
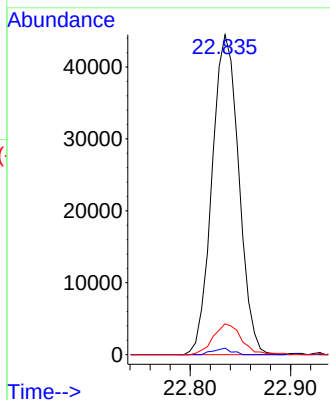
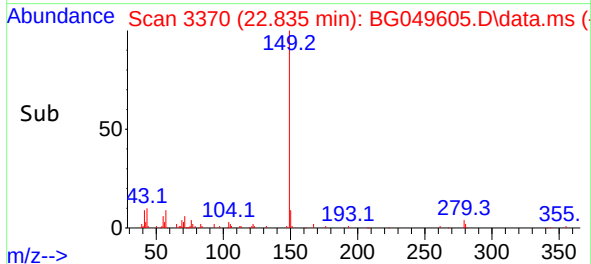




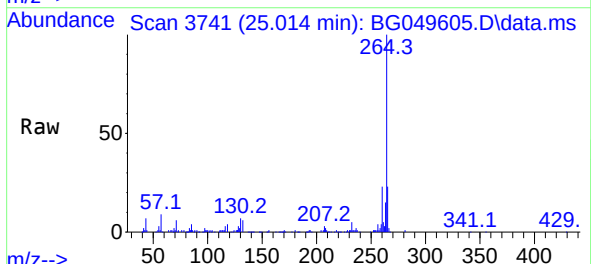
#85
Di-n-octyl phthalate
Concen: 6.501 ng
RT: 22.835 min Scan# 3370
Delta R.T. -0.013 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



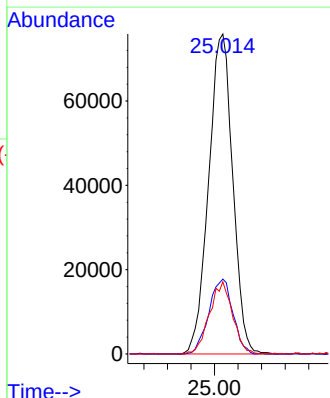
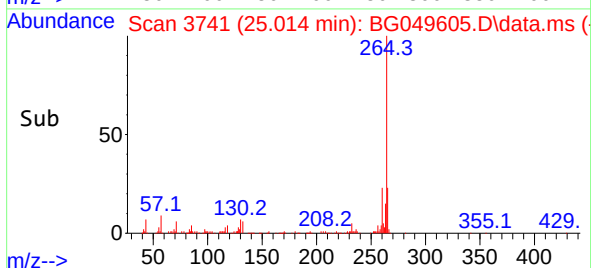
Tgt Ion:149 Resp: 82537
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.2#
43 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 3741
Delta R.T. -0.001 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



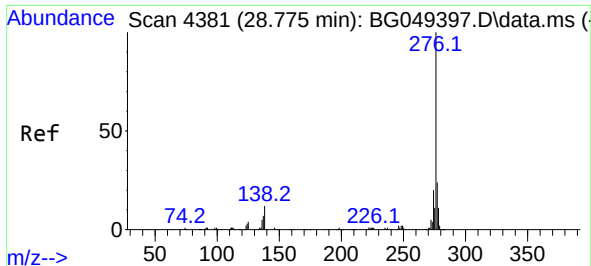
Tgt Ion:264 Resp: 215339
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 22.5 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
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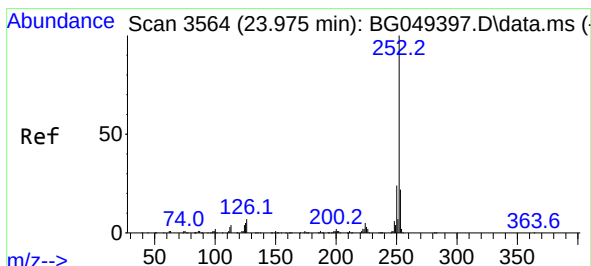
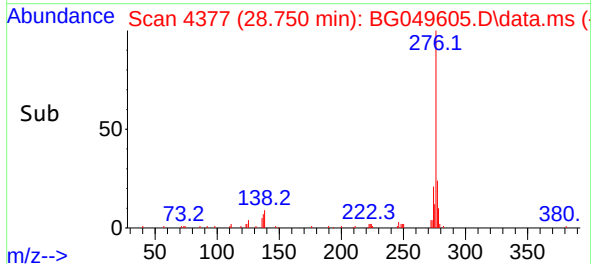
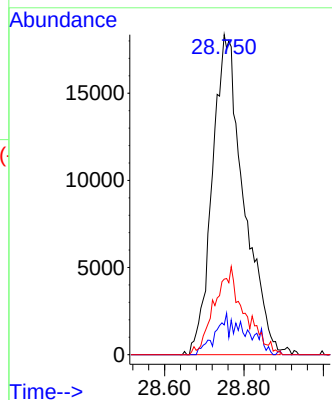
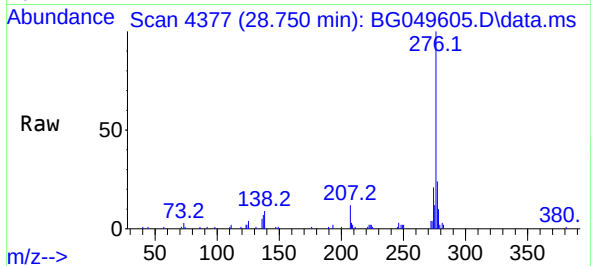
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.612 ng
RT: 28.750 min Scan# 4377
Delta R.T. -0.025 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion: 276 Resp: 100799
Ion Ratio Lower Upper
276 100
138 5.4 5.1 7.7
277 22.5 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
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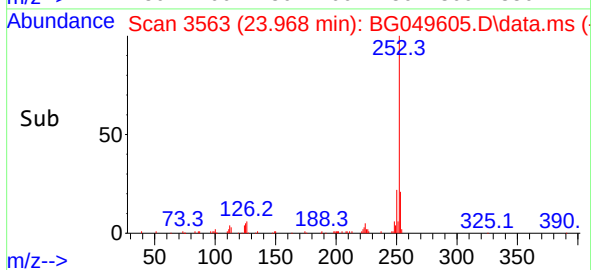
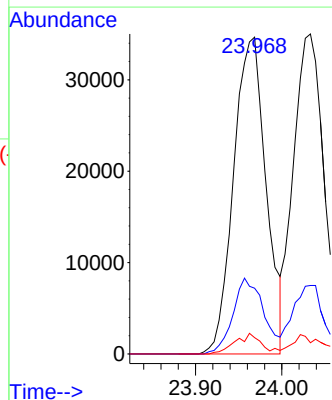
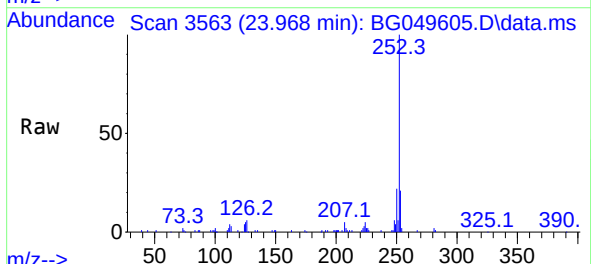
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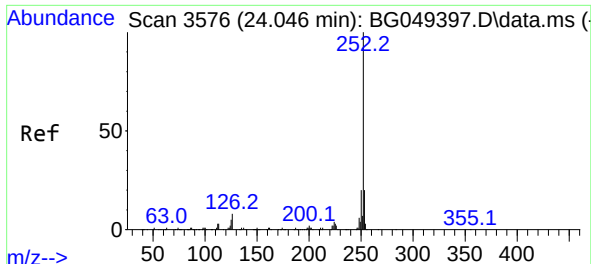
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#88
Benzo(b)fluoranthene
Concen: 6.516 ng m
RT: 23.968 min Scan# 3563
Delta R.T. -0.007 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

Tgt Ion: 252 Resp: 90416
Ion Ratio Lower Upper
252 100
253 20.8 16.2 24.4
125 5.1 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 6.744 ng

RT: 24.033 min Scan# 3574

Delta R.T. -0.013 min

Lab File: BG049605.D

Acq: 2 Aug 2021 15:46

Tgt Ion:	252	Resp:	87035
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.0	27.0
125	3.5	3.1	4.7

Instrument :

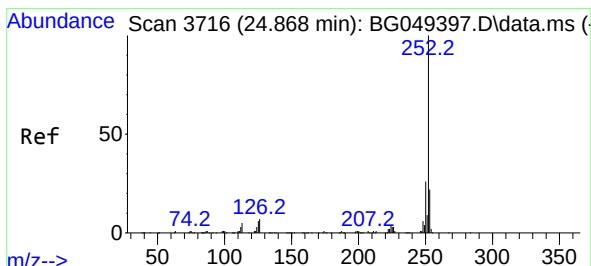
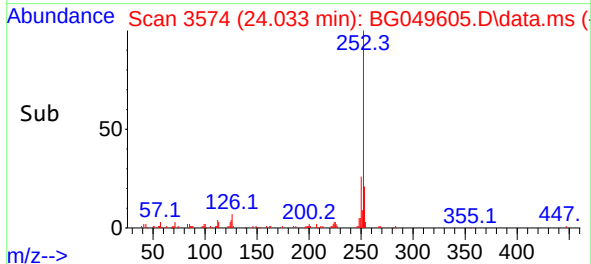
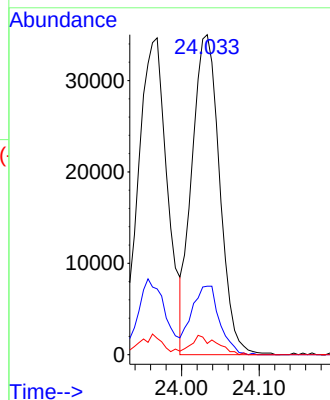
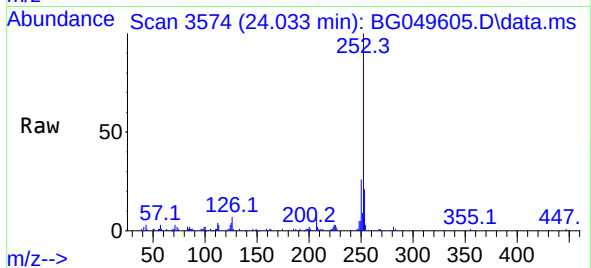
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#90

Benzo(a)pyrene

Concen: 6.869 ng

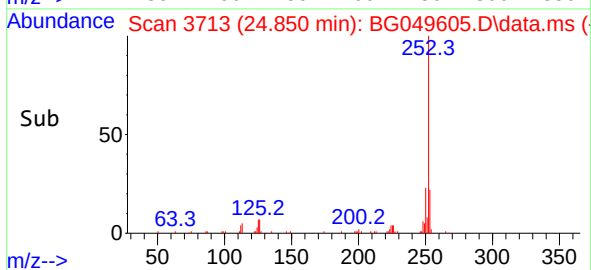
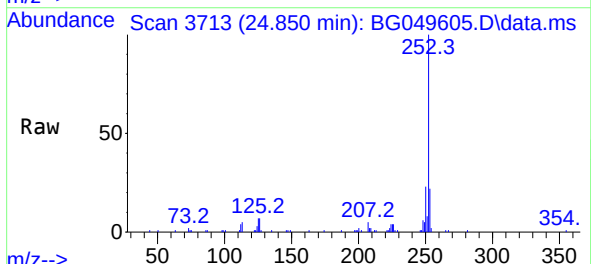
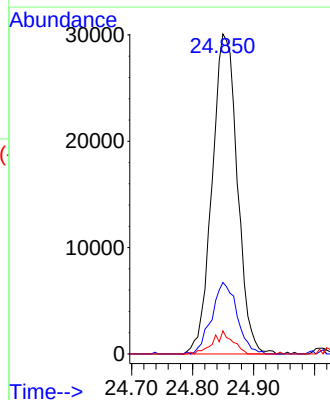
RT: 24.850 min Scan# 3713

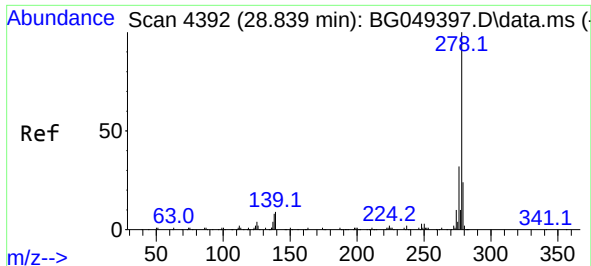
Delta R.T. -0.019 min

Lab File: BG049605.D

Acq: 2 Aug 2021 15:46

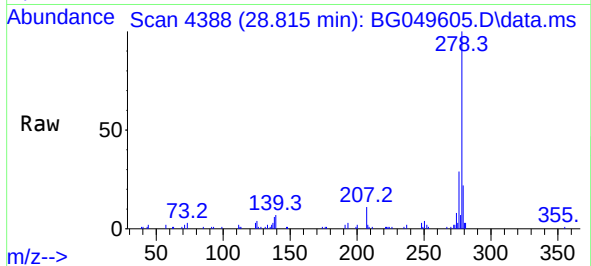
Tgt Ion:	252	Resp:	86384
Ion Ratio	Lower	Upper	
252	100		
253	22.4	16.6	25.0
125	7.2	3.5	5.3





#91
Dibenzo(a,h)anthracene
Concen: 6.805 ng
RT: 28.815 min Scan# 4388
Delta R.T. -0.025 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46

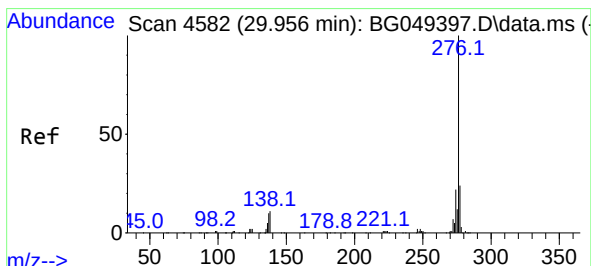
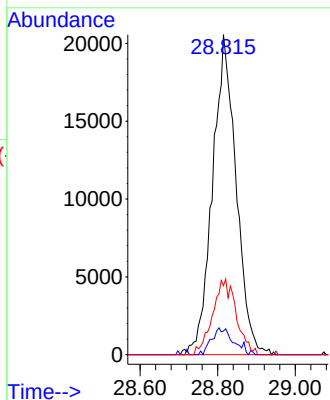
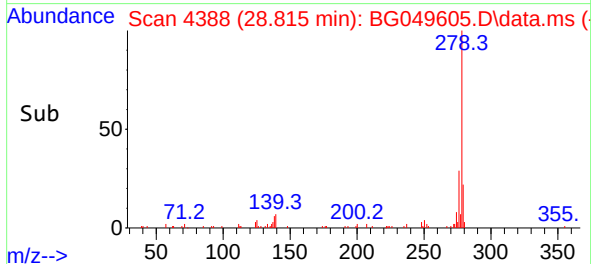
Instrument :
BNA_G
ClientSampleId :
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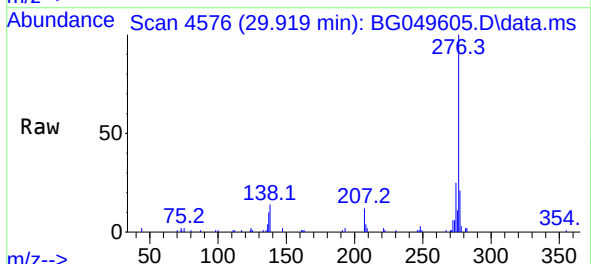
Tgt Ion:278 Resp: 87121
Ion Ratio Lower Upper
278 100
139 7.4 4.6 6.8#
279 21.5 17.9 26.9

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#92
Benzo(g,h,i)perylene
Concen: 6.641 ng
RT: 29.919 min Scan# 4576
Delta R.T. -0.036 min
Lab File: BG049605.D
Acq: 2 Aug 2021 15:46



Tgt Ion:276 Resp: 84125
Ion Ratio Lower Upper
276 100
277 20.8 18.4 27.6
138 14.0 7.0 10.6#

