

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
 Data File : BG049604.D
 Acq On : 2 Aug 2021 14:34
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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 8/3/2021 11:49:39 AM

Quant Time: Aug 02 15:12:21 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	8.046	152	27819	20.000	ng	0.00
21) Naphthalene-d8	10.865	136	119820	20.000	ng	-0.01
39) Acenaphthene-d10	14.701	164	84835	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	193834	20.000	ng	# 0.00
76) Chrysene-d12	21.727	240	195197	20.000	ng	0.00
86) Perylene-d12	25.011	264	197970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.590	112	159846	97.486	ng	-0.02
7) Phenol-d6	7.200	99	226374	94.797	ng	-0.01
23) Nitrobenzene-d5	9.215	82	141633	52.961	ng	-0.01
42) 2,4,6-Tribromophenol	16.188	330	115577	101.732	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	307417	52.142	ng	-0.01
79) Terphenyl-d14	20.059	244	521413	52.168	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	2640	3.554	ng	# 71
3) Pyridine	3.898	79	5215m	2.755	ng	
4) n-Nitrosodimethylamine	3.799	42	2743	2.951	ng	# 75
6) Aniline	7.364	93	9757	3.778	ng	# 94
8) 2-Chlorophenol	7.605	128	5992	3.564	ng	88
9) Benzaldehyde	7.182	77	6855	4.321	ng	97
10) Phenol	7.223	94	7680	3.376	ng	86
11) bis(2-Chloroethyl)ether	7.458	93	5688	3.650	ng	91
12) 1,3-Dichlorobenzene	7.934	146	7129	3.586	ng	92
13) 1,4-Dichlorobenzene	8.087	146	7166m	3.620	ng	
14) 1,2-Dichlorobenzene	8.404	146	6433m	3.364	ng	
15) Benzyl Alcohol	8.287	79	6220	3.187	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.574	45	6349	3.488	ng	96
17) 2-Methylphenol	8.486	107	5506	3.636	ng	# 84
18) Hexachloroethane	9.133	117	2681	3.485	ng	84
19) n-Nitroso-di-n-propyla...	8.851	70	6245	3.980	ng	# 81
20) 3+4-Methylphenols	8.827	107	6757	3.256	ng	89
22) Acetophenone	8.874	105	11703	3.647	ng	# 92
24) Nitrobenzene	9.262	77	9613	3.423	ng	99
25) Isophorone	9.779	82	14991	3.164	ng	# 94
26) 2-Nitrophenol	9.978	139	3279	3.216	ng	# 70
27) 2,4-Dimethylphenol	10.025	122	5469	3.355	ng	93
28) bis(2-Chloroethoxy)met...	10.266	93	7160	3.387	ng	# 81
29) 2,4-Dichlorophenol	10.513	162	5676	3.003	ng	97
30) 1,2,4-Trichlorobenzene	10.730	180	7313	3.426	ng	93
31) Naphthalene	10.918	128	19991	3.164	ng	# 93
32) Benzoic acid	10.184	122	340m	0.317	ng	
33) 4-Chloroaniline	11.030	127	7992	3.314	ng	# 93
34) Hexachlorobutadiene	11.200	225	4905	3.207	ng	89
35) Caprolactam	11.788	113	1637m	2.789	ng	
36) 4-Chloro-3-methylphenol	12.152	107	6415	2.878	ng	# 87
37) 2-Methylnaphthalene	12.522	142	16239	3.521	ng	95
38) 1-Methylnaphthalene	12.745	142	13782	3.125	ng	89
40) 1,2,4,5-Tetrachloroben...	12.892	216	7600	3.029	ng	93
41) Hexachlorocyclopentadiene	12.863	237	2942	2.627	ng	75
43) 2,4,6-Trichlorophenol	13.133	196	5041	3.081	ng	84

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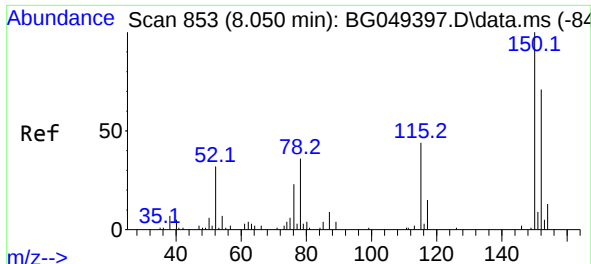
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.215	196	5056	2.856	ng	# 77
46) 1,1'-Biphenyl	13.532	154	20985	3.374	ng	98
47) 2-Chloronaphthalene	13.574	162	15947	3.338	ng	99
48) 2-Nitroaniline	13.779	65	5288	3.181	ng	# 90
49) Acenaphthylene	14.419	152	25956	3.351	ng	94
50) Dimethylphthalate	14.143	163	21287	3.454	ng	# 92
51) 2,6-Dinitrotoluene	14.267	165	4260	3.184	ng	85
52) Acenaphthene	14.760	154	14619	3.127	ng	97
53) 3-Nitroaniline	14.607	138	4091	3.049	ng	89
54) 2,4-Dinitrophenol	14.825	184	774	1.374	ng	# 81
55) Dibenzofuran	15.095	168	23604	3.147	ng	97
56) 4-Nitrophenol	14.919	139	2602	2.458	ng	# 83
57) 2,4-Dinitrotoluene	15.060	165	6231	3.369	ng	# 83
58) Fluorene	15.747	166	19986	3.288	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.318	232	5069	3.133	ng	# 99
60) Diethylphthalate	15.506	149	21751	3.514	ng	97
61) 4-Chlorophenyl-phenyle...	15.735	204	11031	3.568	ng	# 92
62) 4-Nitroaniline	15.759	138	3421	2.422	ng	86
63) Azobenzene	16.029	77	22200	3.238	ng	92
65) 4,6-Dinitro-2-methylph...	15.823	198	2321	2.210	ng	88
66) n-Nitrosodiphenylamine	15.947	169	17297	3.107	ng	98
67) 4-Bromophenyl-phenylether	16.634	248	7404	3.372	ng	# 89
68) Hexachlorobenzene	16.757	284	8030	3.230	ng	96
69) Atrazine	16.893	200	7727	3.502	ng	86
70) Pentachlorophenol	17.104	266	2713m	2.428	ng	
71) Phenanthrene	17.492	178	31351	3.009	ng	99
72) Anthracene	17.580	178	32302	3.154	ng	97
73) Carbazole	17.850	167	29444	3.023	ng	# 92
74) Di-n-butylphthalate	18.402	149	35013	3.152	ng	97
75) Fluoranthene	19.501	202	38830	2.993	ng	96
77) Benzidine	19.677	184	18917	3.502	ng	99
78) Pyrene	19.859	202	40427	3.155	ng	96
80) Butylbenzylphthalate	20.740	149	14998	3.220	ng	85
81) Benzo(a)anthracene	21.710	228	40402	3.268	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	14324	4.016	ng	# 96
83) Chrysene	21.780	228	38191	3.203	ng	97
84) Bis(2-ethylhexyl)phtha...	21.604	149	21711	3.108	ng	95
85) Di-n-octyl phthalate	22.837	149	35883	2.974	ng	98
87) Indeno(1,2,3-cd)pyrene	28.759	276	47079	3.359	ng	# 83
88) Benzo(b)fluoranthene	23.959	252	38463m	3.015	ng	
89) Benzo(k)fluoranthene	24.030	252	40370	3.402	ng	# 98
90) Benzo(a)pyrene	24.847	252	39089	3.381	ng	# 97
91) Dibenzo(a,h)anthracene	28.818	278	39147	3.326	ng	# 90
92) Benzo(g,h,i)perylene	29.922	276	37787	3.245	ng	97

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



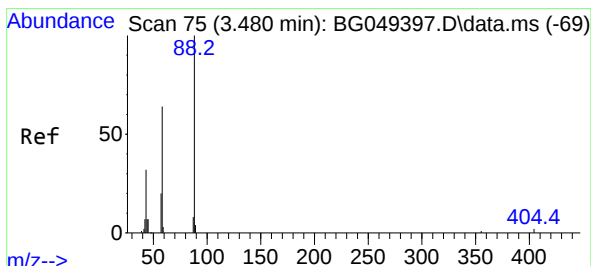
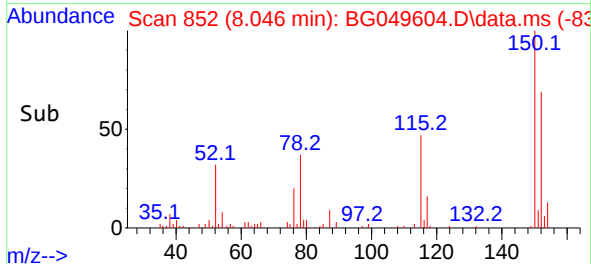
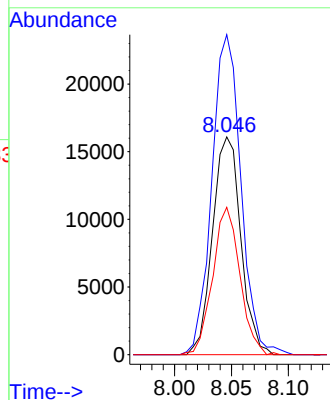
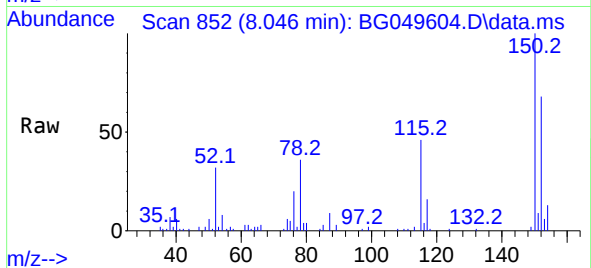
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.046 min Scan# 852
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:152 Resp: 27819
Ion Ratio Lower Upper
152 100
150 147.0 119.4 179.0
115 67.7 60.2 90.4

Instrument :
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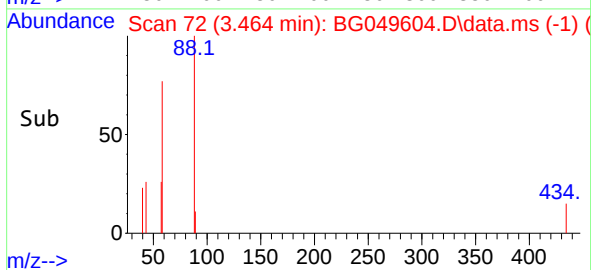
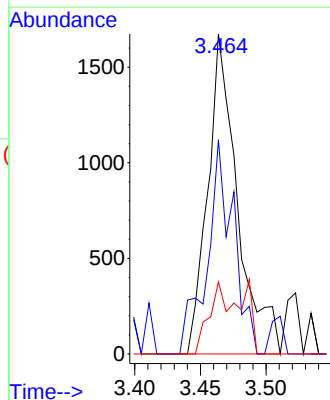
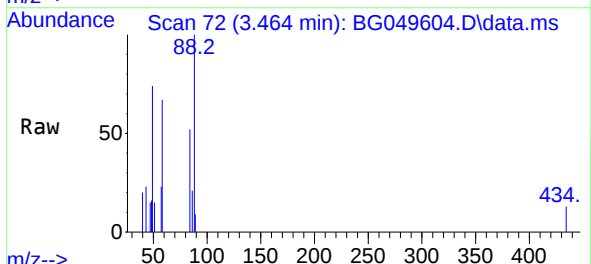
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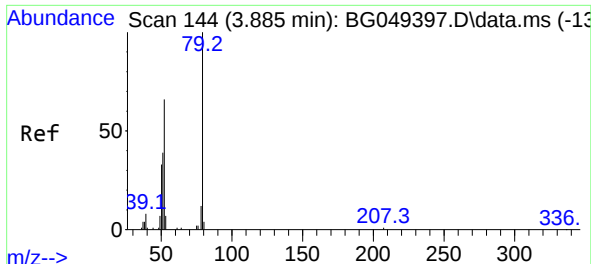
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#2
1,4-Dioxane
Concen: 3.554 ng
RT: 3.464 min Scan# 72
Delta R.T. -0.016 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

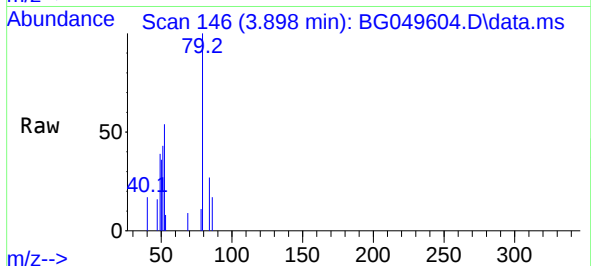
Tgt Ion: 88 Resp: 2640
Ion Ratio Lower Upper
88 100
58 59.4 55.7 83.5
43 0.0 29.3 43.9#





#3
Pyridine
Concen: 2.755 ng m
RT: 3.898 min Scan# 146
Delta R.T. 0.013 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

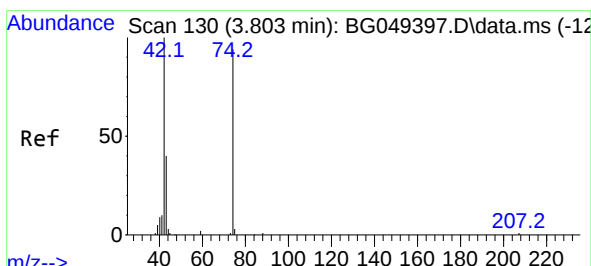
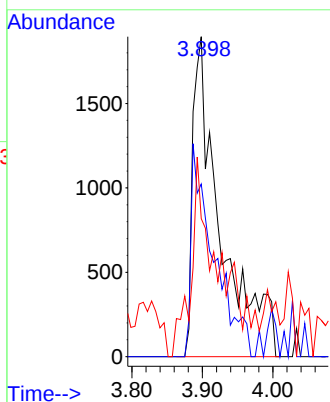
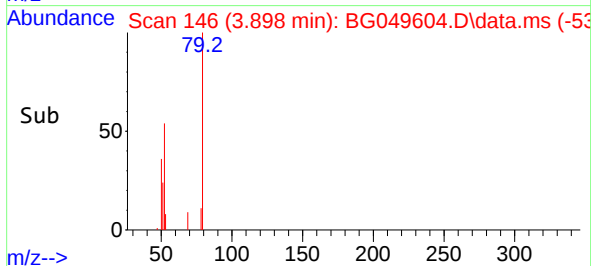
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



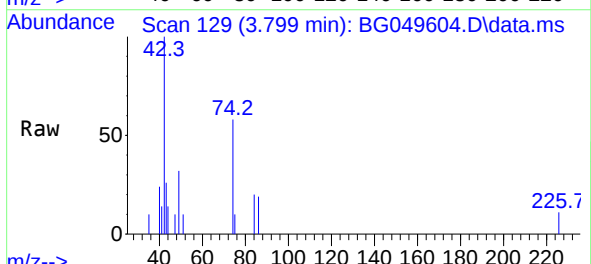
Tgt Ion: 79 Resp: 5215
Ion Ratio Lower Upper
79 100
52 54.0 58.4 87.6#
51 43.1 37.0 55.6

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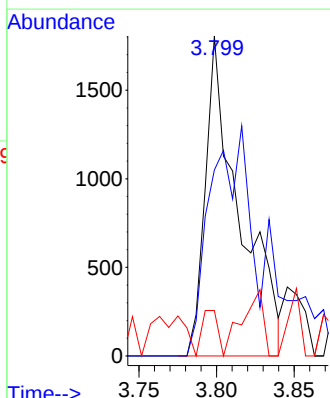
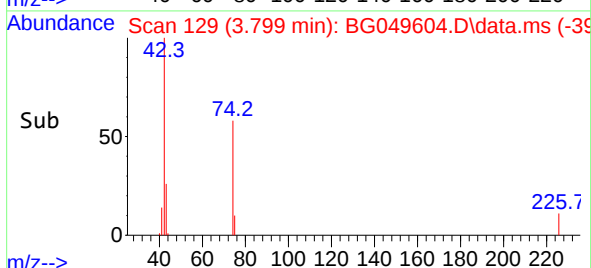
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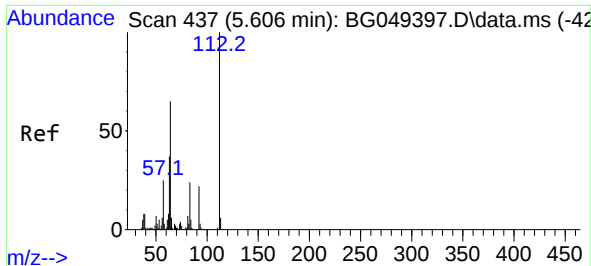


#4
n-Nitrosodimethylamine
Concen: 2.951 ng
RT: 3.799 min Scan# 129
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



Tgt Ion: 42 Resp: 2743
Ion Ratio Lower Upper
42 100
74 58.1 64.0 96.0#
44 14.2 2.7 4.1#





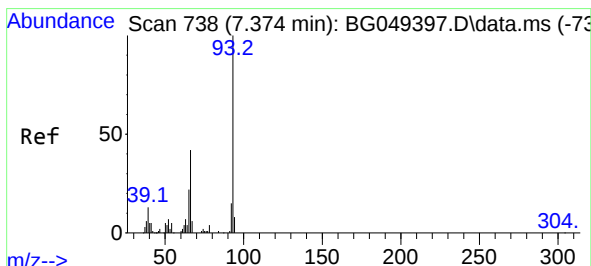
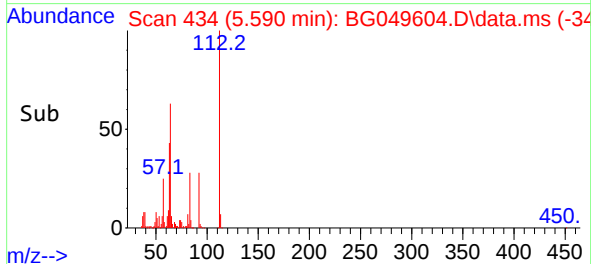
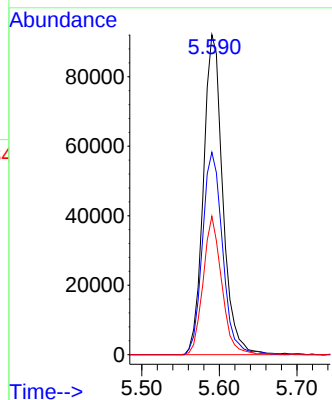
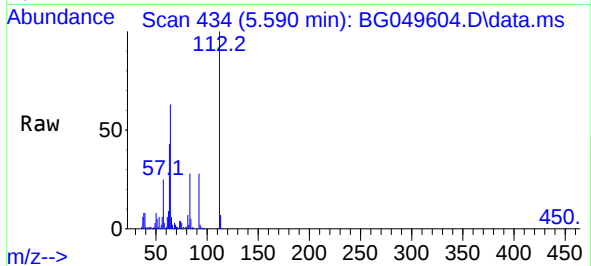
#5
2-Fluorophenol
Concen: 97.486 ng
RT: 5.590 min Scan# 434
Delta R.T. -0.016 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion: 112 Resp: 159846
Ion Ratio Lower Upper
112 100
64 63.2 46.7 70.1
63 43.2 35.3 52.9

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

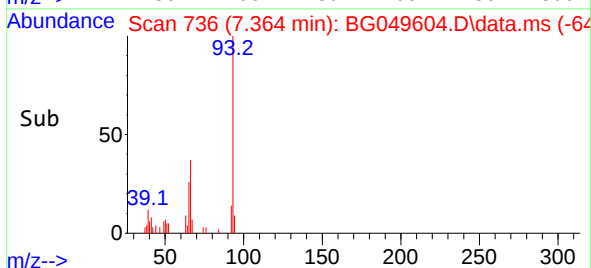
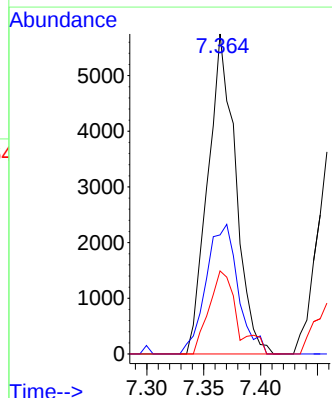
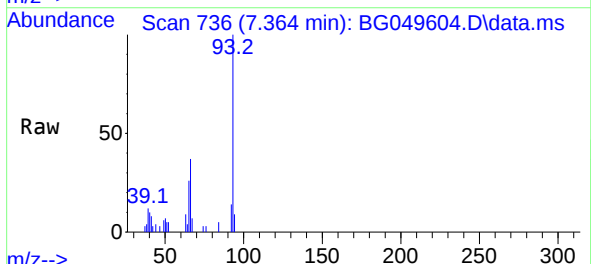
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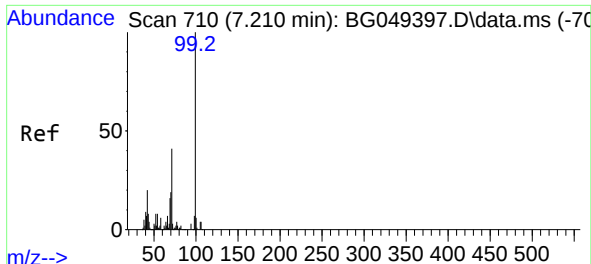
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#6
Aniline
Concen: 3.778 ng
RT: 7.364 min Scan# 736
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

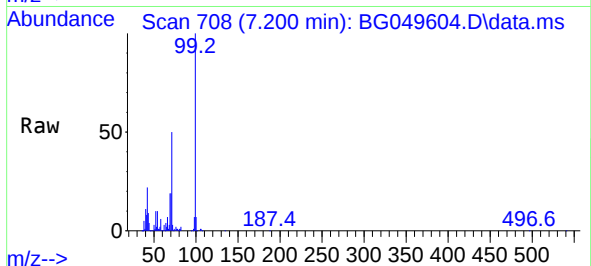
Tgt Ion: 93 Resp: 9757
Ion Ratio Lower Upper
93 100
66 37.2 30.6 45.8
65 26.0 15.0 22.4#





#7
Phenol-d6
Concen: 94.797 ng
RT: 7.200 min Scan# 708
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

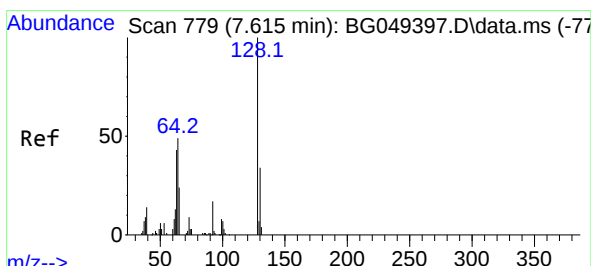
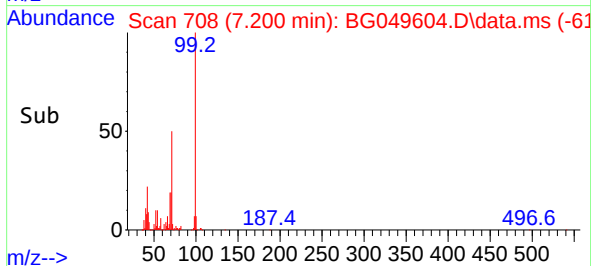
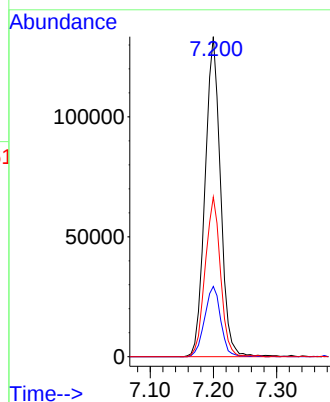
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Tgt Ion: 99 Resp: 226374
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 49.9 41.5 62.3

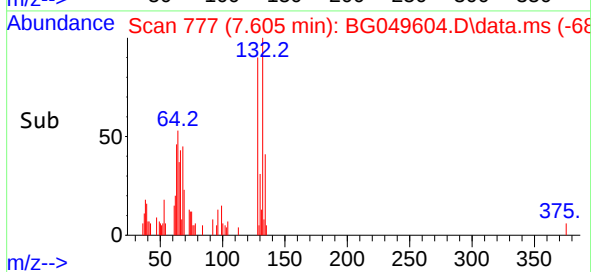
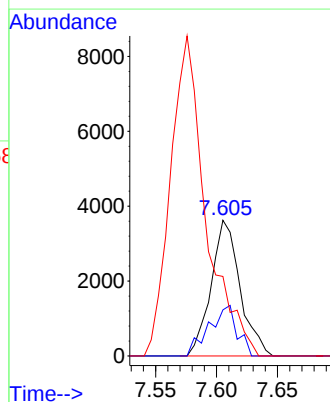
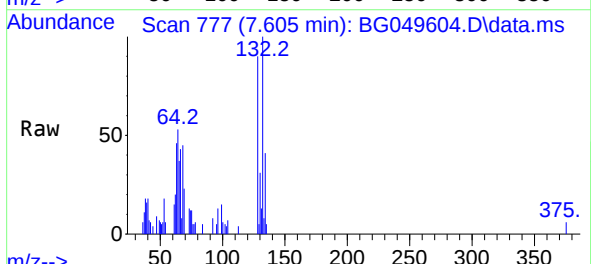
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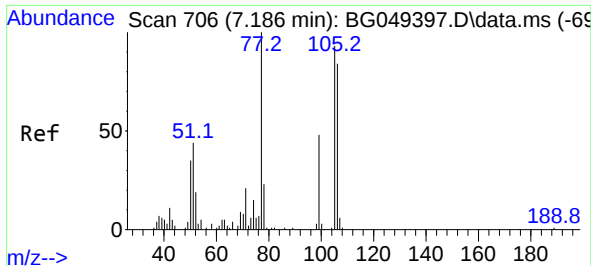
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#8
2-Chlorophenol
Concen: 3.564 ng
RT: 7.605 min Scan# 777
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

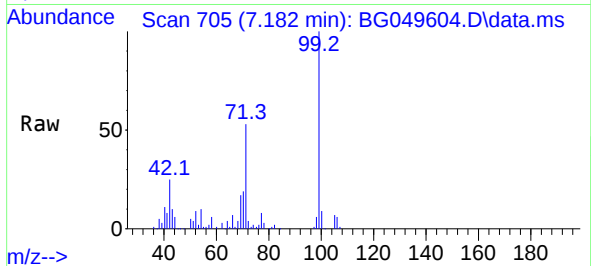
Tgt Ion: 128 Resp: 5992
Ion Ratio Lower Upper
128 100
130 34.0 10.0 50.0
64 58.6 28.1 68.1





#9
Benzaldehyde
Concen: 4.321 ng
RT: 7.182 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

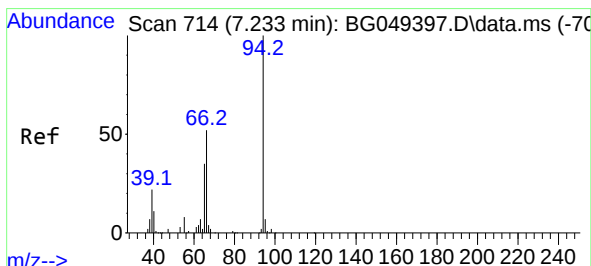
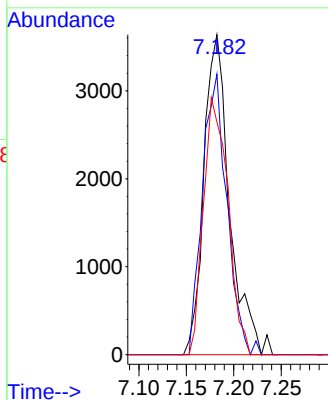
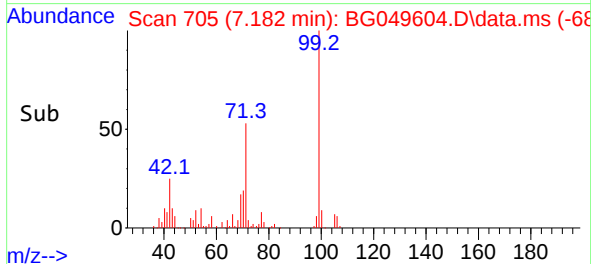
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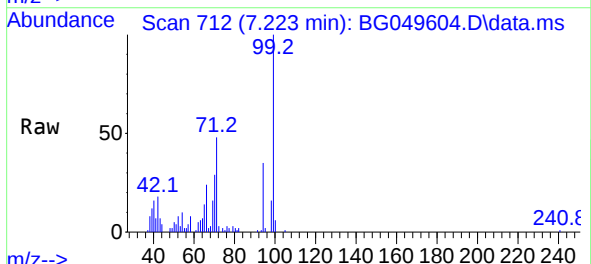
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Ion Ratio Lower Upper
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105 87.6 68.8 108.8
106 72.7 47.9 87.9

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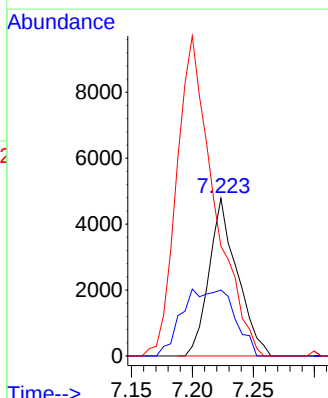
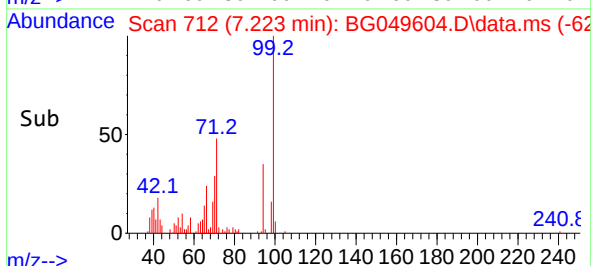
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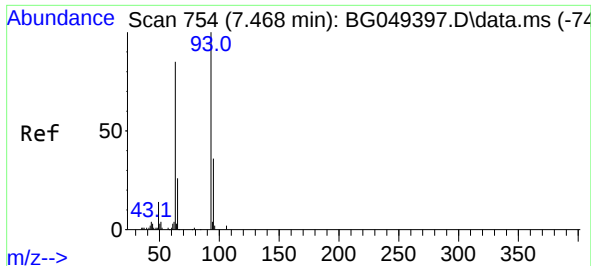


#10
Phenol
Concen: 3.376 ng
RT: 7.223 min Scan# 712
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

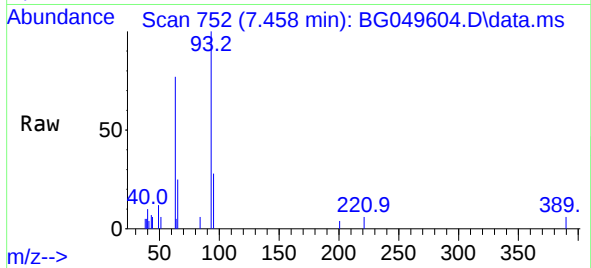


Tgt Ion: 94 Resp: 7680
Ion Ratio Lower Upper
94 100
65 41.9 12.9 52.9
66 69.5 39.4 79.4



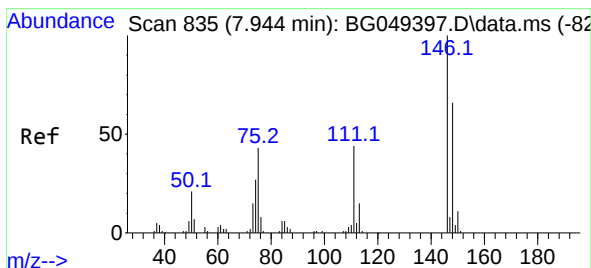
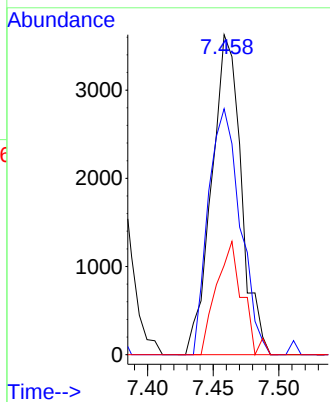
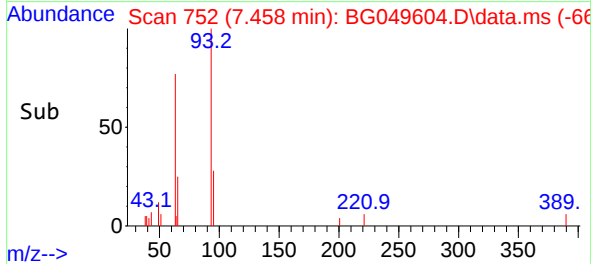


#11
bis(2-Chloroethyl)ether
Concen: 3.650 ng
RT: 7.458 min Scan# 752
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

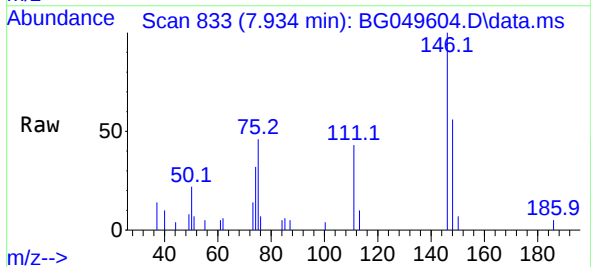


Tgt Ion: 93 Resp: 5688

Ion	Ratio	Lower	Upper
93	100		
63	76.9	50.4	90.4
95	27.9	15.3	55.3

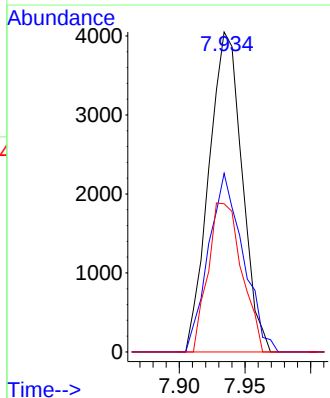
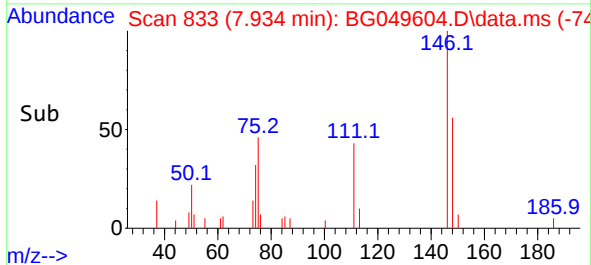


#12
1,3-Dichlorobenzene
Concen: 3.586 ng
RT: 7.934 min Scan# 833
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



Tgt Ion: 146 Resp: 7129

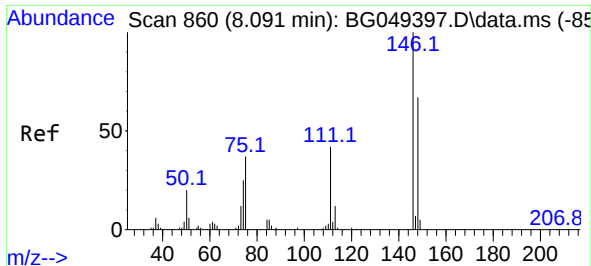
Ion	Ratio	Lower	Upper
146	100		
148	55.8	52.6	78.8
75	46.3	35.7	53.5



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

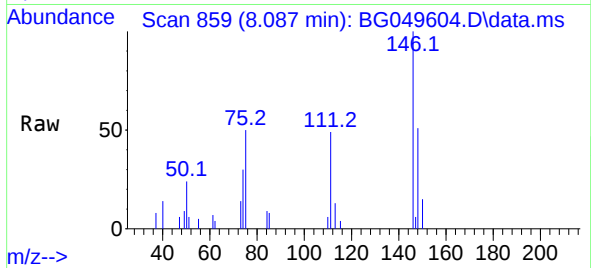
Manual Integrations
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#13
1,4-Dichlorobenzene
Concen: 3.620 ng m
RT: 8.087 min Scan# 859
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

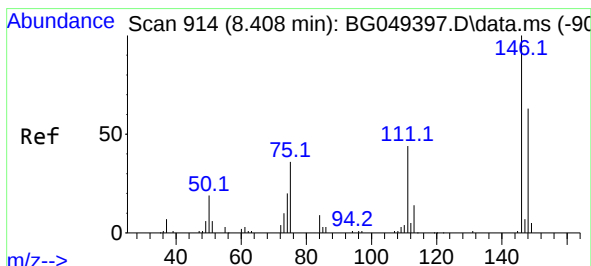
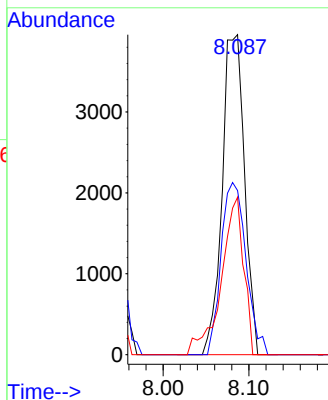
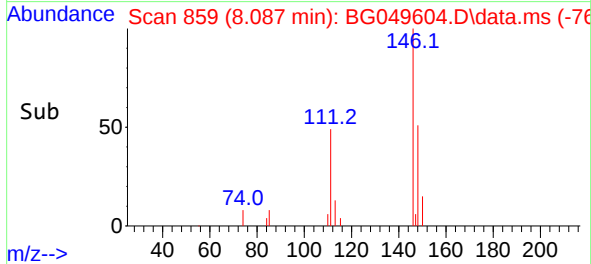
Instrument :
BNA_G
ClientSampleId :
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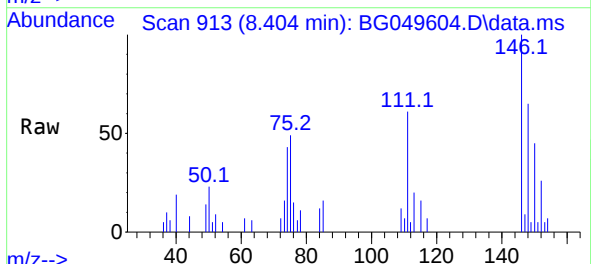
Tgt Ion:146 Resp: 7166
Ion Ratio Lower Upper
146 100
148 51.3 54.0 81.0#
111 49.2 34.3 51.5

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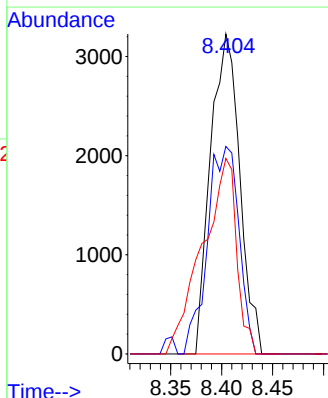
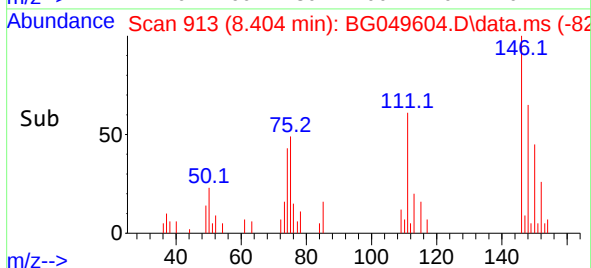
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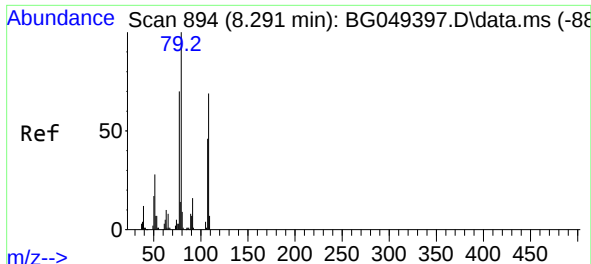


#14
1,2-Dichlorobenzene
Concen: 3.364 ng m
RT: 8.404 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



Tgt Ion:146 Resp: 6433
Ion Ratio Lower Upper
146 100
148 64.9 47.5 71.3
111 61.1 39.1 58.7#





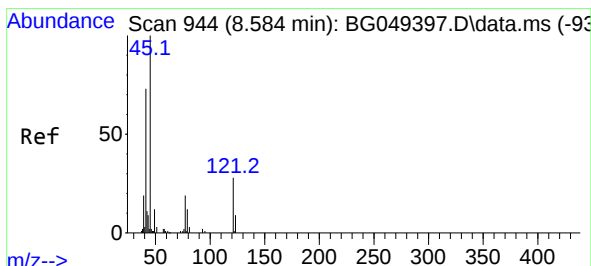
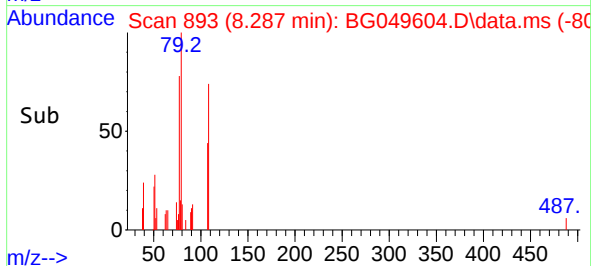
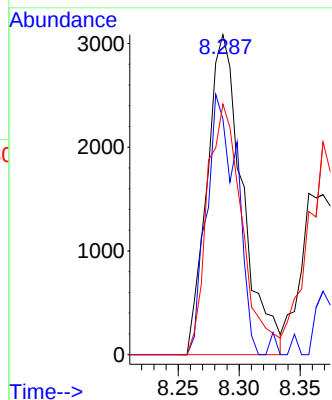
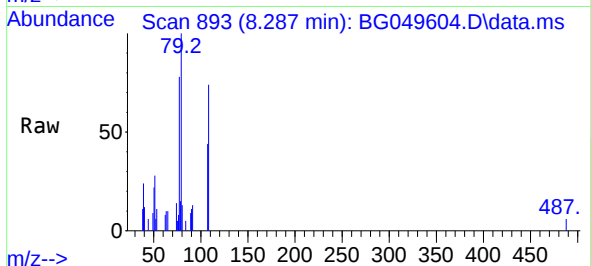
#15
Benzyl Alcohol
Concen: 3.187 ng
RT: 8.287 min Scan# 893
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion: 79 Resp: 6220
Ion Ratio Lower Upper
79 100
108 73.6 48.2 72.4#
77 78.3 57.3 85.9

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

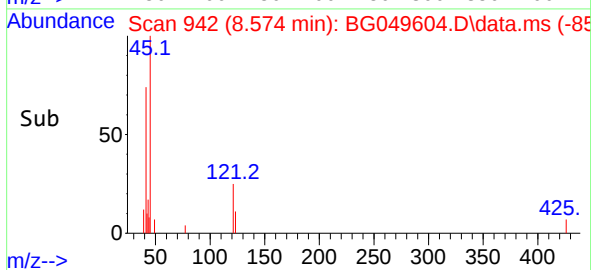
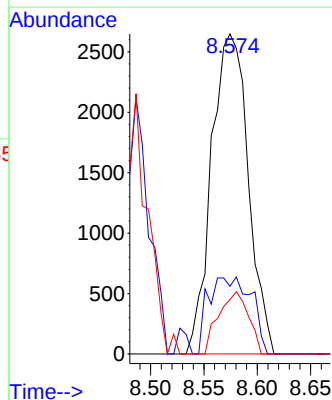
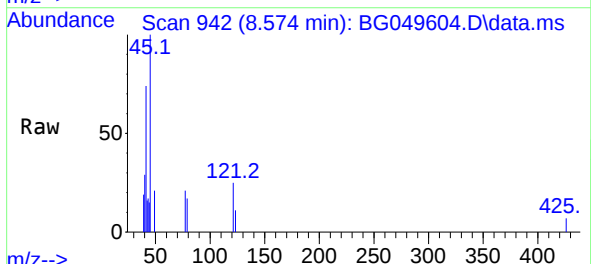
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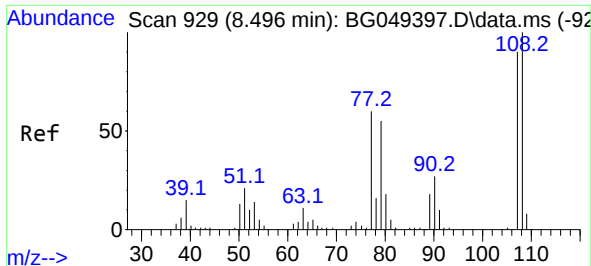
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.488 ng
RT: 8.574 min Scan# 942
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

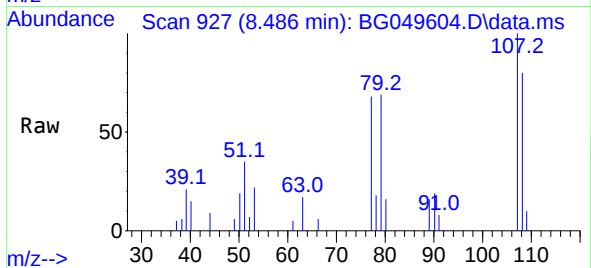
Tgt Ion: 45 Resp: 6349
Ion Ratio Lower Upper
45 100
77 21.1 2.2 42.2
79 17.0 0.0 34.3





#17
2-Methylphenol
Concen: 3.636 ng
RT: 8.486 min Scan# 927
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

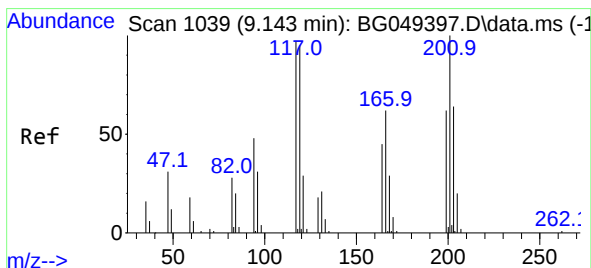
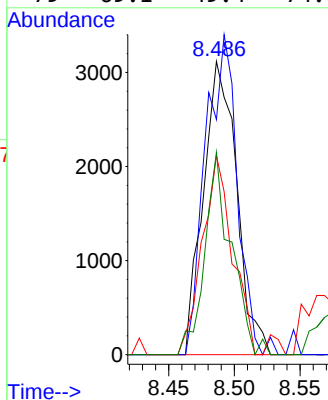
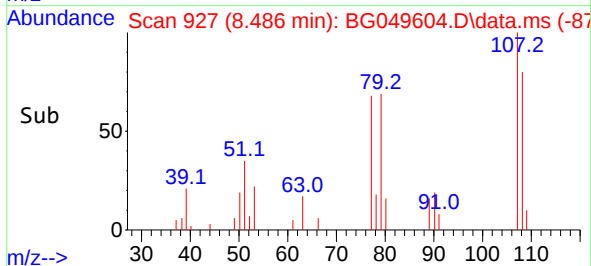
Instrument :
BNA_G
ClientSampleId :
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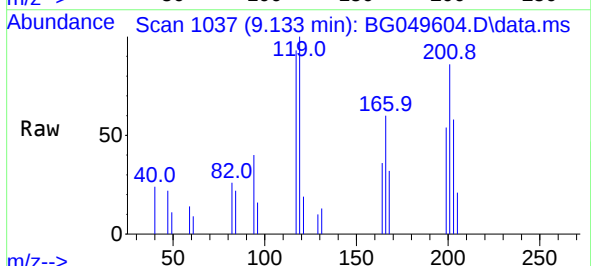
Tgt Ion:	107	Resp:	5506
Ion	Ratio	Lower	Upper
107	100		
108	80.1	84.6	127.0#
77	67.9	50.7	76.1
79	69.1	49.4	74.0

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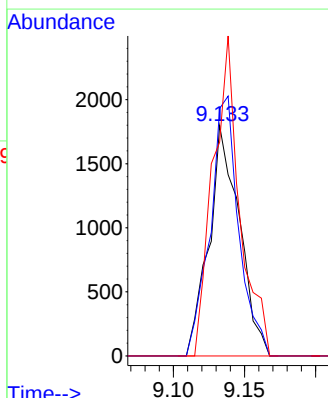
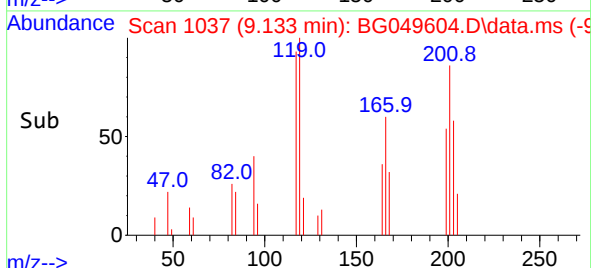
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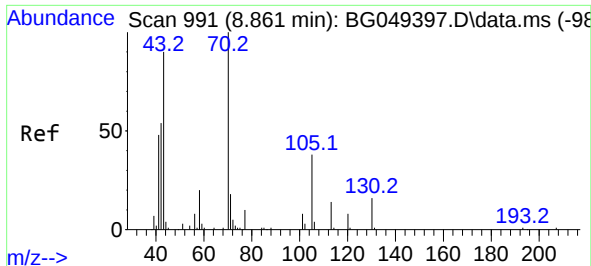


#18
Hexachloroethane
Concen: 3.485 ng
RT: 9.133 min Scan# 1037
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



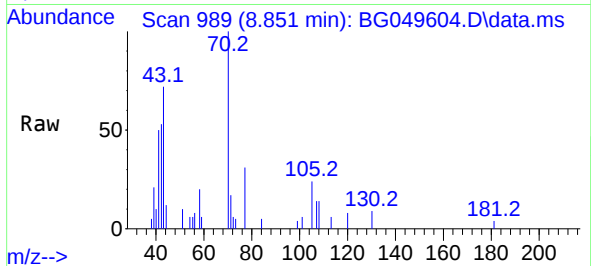
Tgt Ion:	117	Resp:	2681
Ion	Ratio	Lower	Upper
117	100		
119	107.4	74.4	111.6
201	92.8	88.6	133.0





#19
n-Nitroso-di-n-propylamine
Concen: 3.980 ng
RT: 8.851 min Scan# 989
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

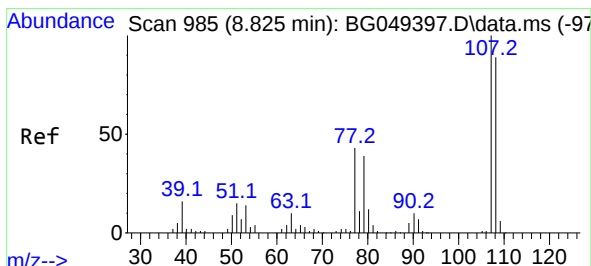
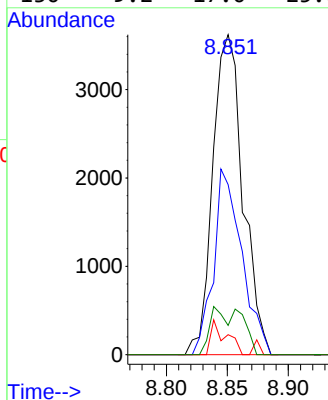
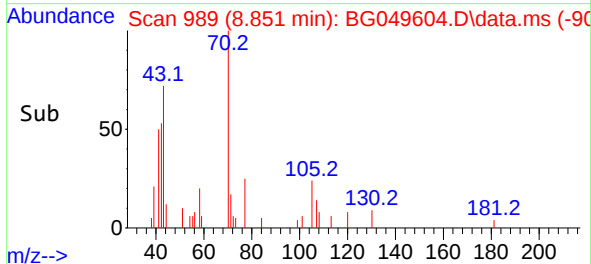
Instrument :
BNA_G
ClientSampleId :
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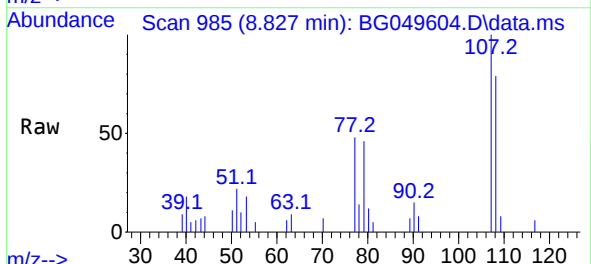
Tgt Ion: 70 Resp: 6245
Ion Ratio Lower Upper
70 100
42 53.1 54.5 81.7#
101 6.3 9.0 13.6#
130 9.2 17.0 25.6#

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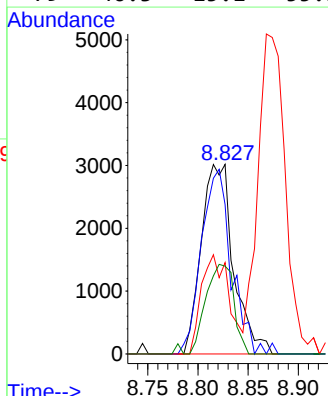
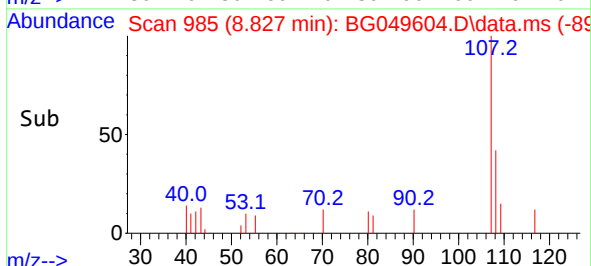
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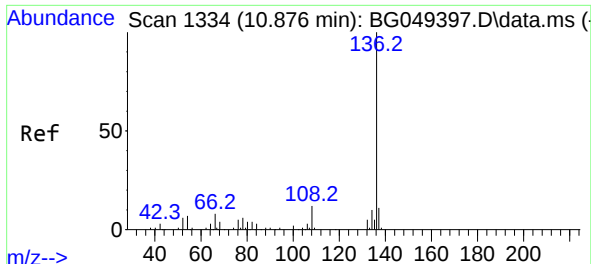


#20
3+4-Methylphenols
Concen: 3.256 ng
RT: 8.827 min Scan# 985
Delta R.T. 0.002 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



Tgt Ion: 107 Resp: 6757
Ion Ratio Lower Upper
107 100
108 78.8 69.3 109.3
77 48.2 25.2 65.2
79 46.3 15.1 55.1





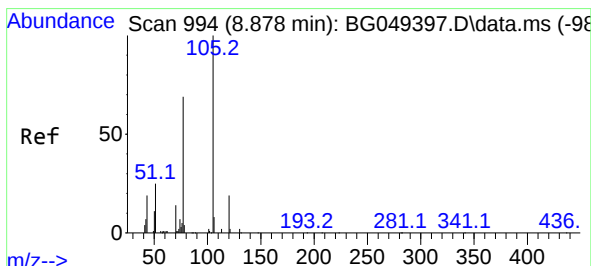
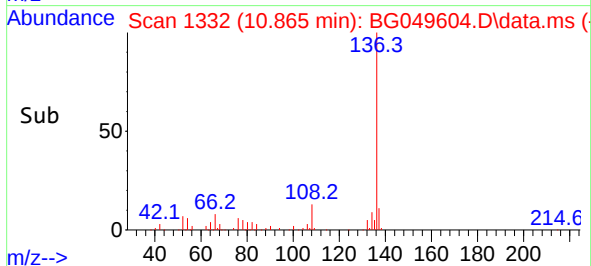
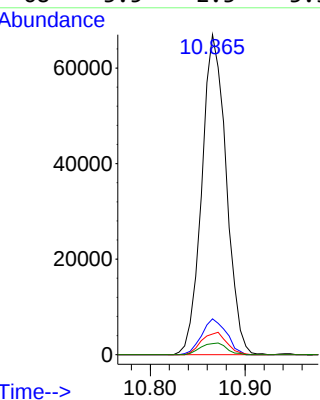
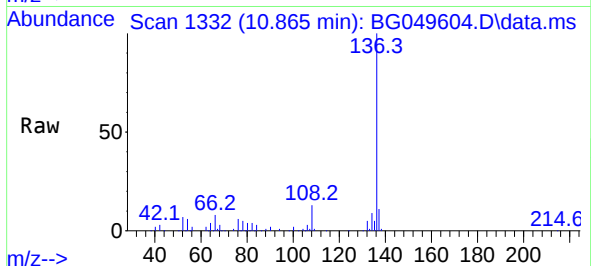
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.865 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:	136	Resp:	119820
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	6.4	5.5	8.3
68	3.5	2.3	3.5

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

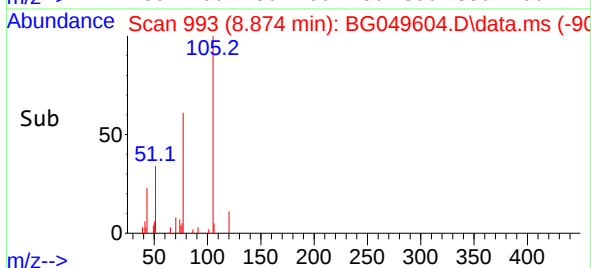
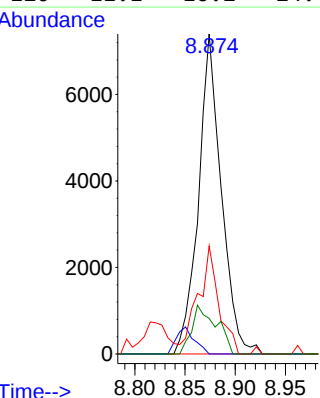
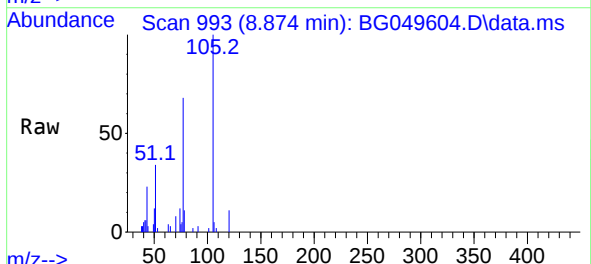
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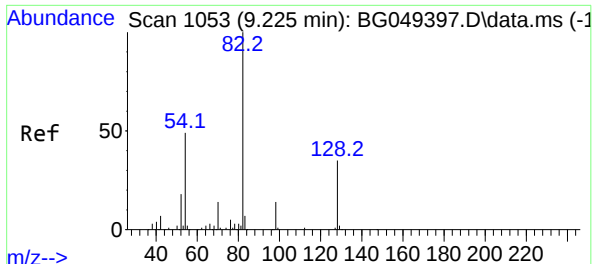
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#22
Acetophenone
Concen: 3.647 ng
RT: 8.874 min Scan# 993
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:	105	Resp:	11703
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	0.8#
51	33.8	26.6	40.0
120	11.1	16.2	24.4#





#23

Nitrobenzene-d5

Concen: 52.961 ng

RT: 9.215 min Scan# 1051

Delta R.T. -0.010 min

Lab File: BG049604.D

Acq: 2 Aug 2021 14:34

Tgt Ion:	82	Resp:	141633
Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.8	44.6
54	47.2	45.8	68.8

Instrument :

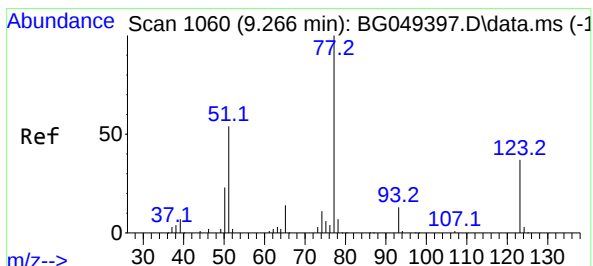
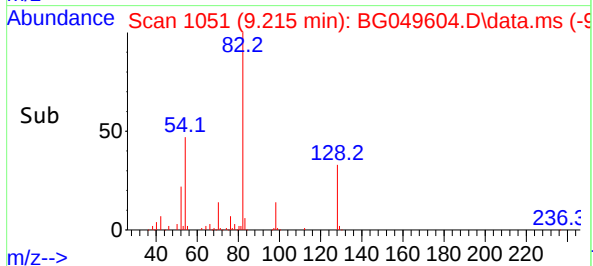
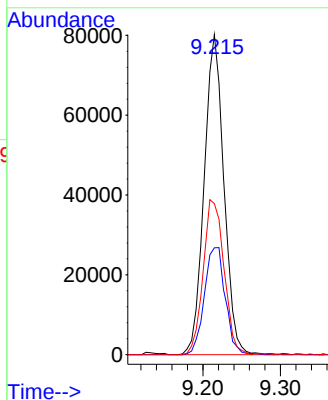
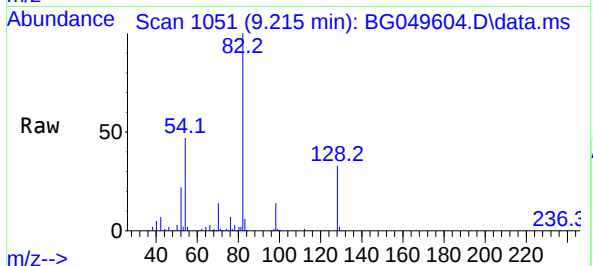
BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

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#24

Nitrobenzene

Concen: 3.423 ng

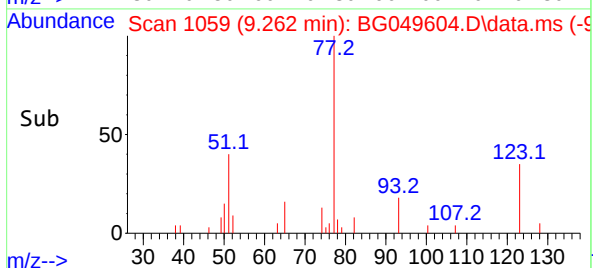
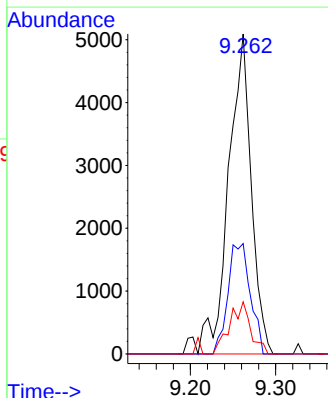
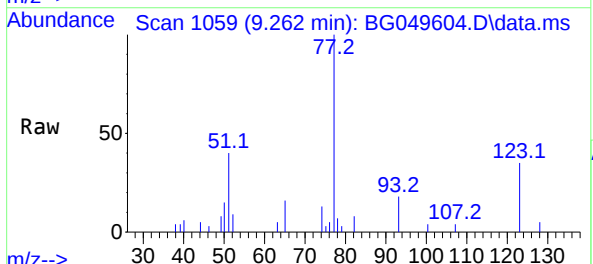
RT: 9.262 min Scan# 1059

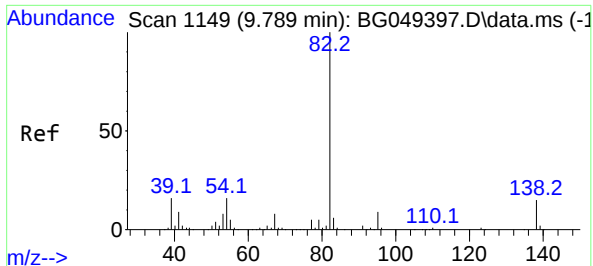
Delta R.T. -0.004 min

Lab File: BG049604.D

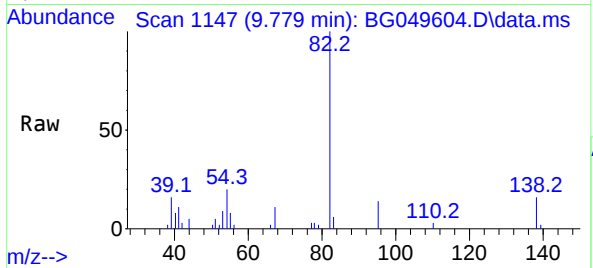
Acq: 2 Aug 2021 14:34

Tgt Ion:	77	Resp:	9613
Ion	Ratio	Lower	Upper
77	100		
123	34.5	27.5	41.3
65	16.3	12.6	18.8

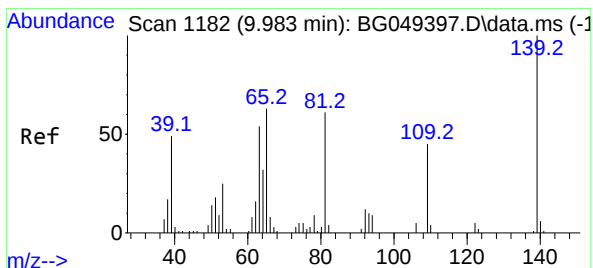
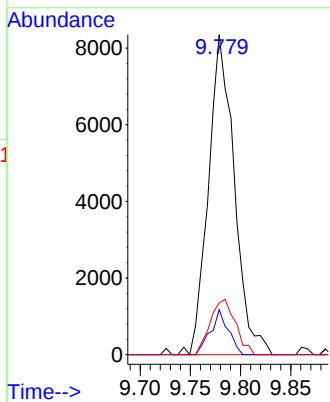
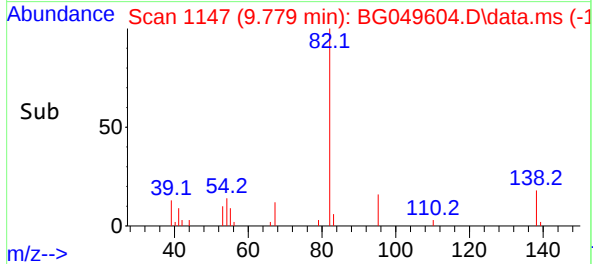




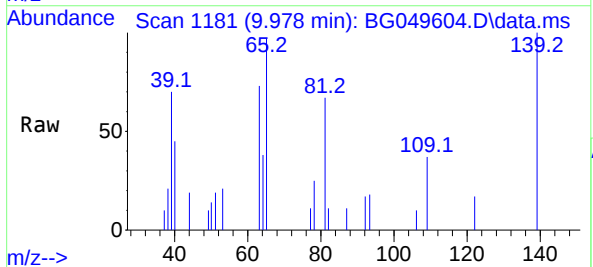
#25
Isophorone
Concen: 3.164 ng
RT: 9.779 min Scan# 1147
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



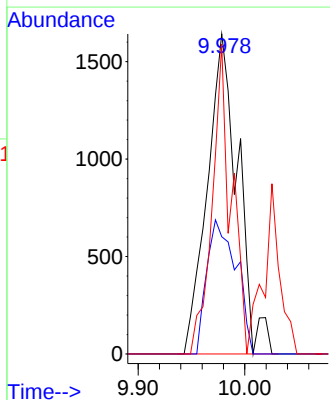
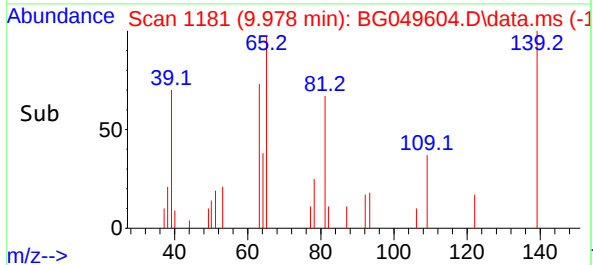
Tgt Ion: 82 Resp: 14991
Ion Ratio Lower Upper
82 100
95 14.0 8.5 12.7#
138 16.2 11.8 17.6



#26
2-Nitrophenol
Concen: 3.216 ng
RT: 9.978 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



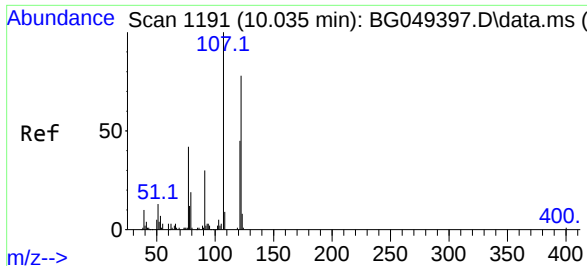
Tgt Ion: 139 Resp: 3279
Ion Ratio Lower Upper
139 100
109 36.7 37.8 56.6#
65 96.8 51.8 77.8#



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

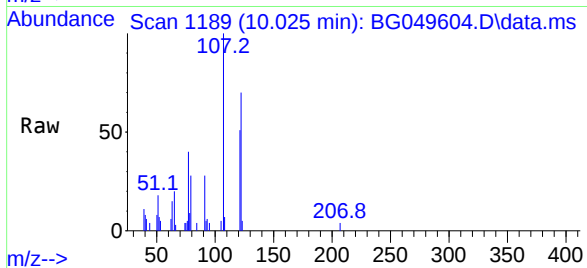
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#27
2,4-Dimethylphenol
Concen: 3.355 ng
RT: 10.025 min Scan# 1189
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

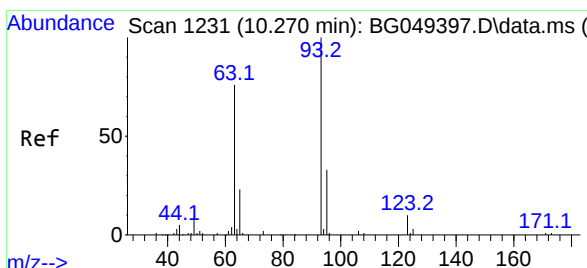
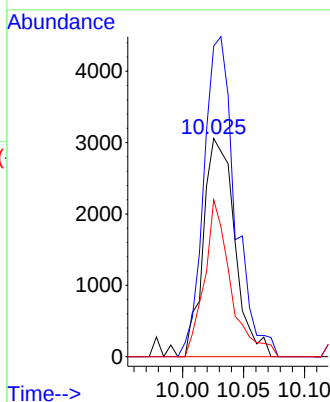
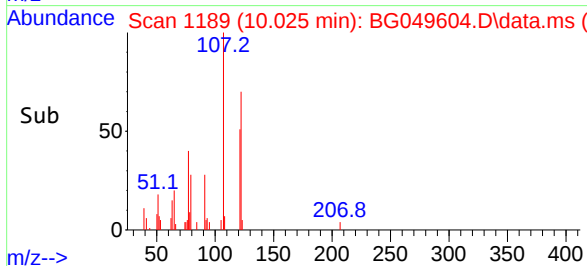
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



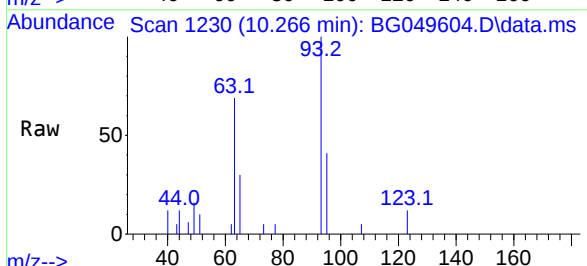
Tgt Ion:122 Resp: 5469
Ion Ratio Lower Upper
122 100
107 142.4 110.1 165.1
121 71.9 49.0 73.6

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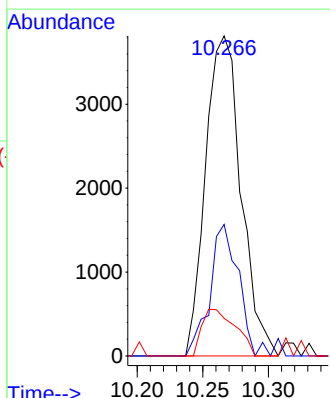
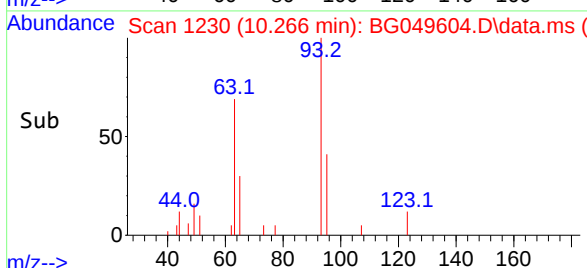
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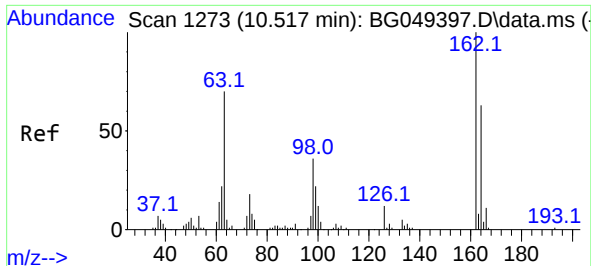


#28
bis(2-Chloroethoxy)methane
Concen: 3.387 ng
RT: 10.266 min Scan# 1230
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



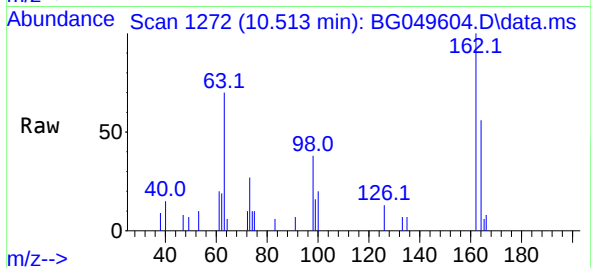
Tgt Ion: 93 Resp: 7160
Ion Ratio Lower Upper
93 100
95 41.1 22.2 33.4#
123 11.7 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 3.003 ng
RT: 10.513 min Scan# 1272
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

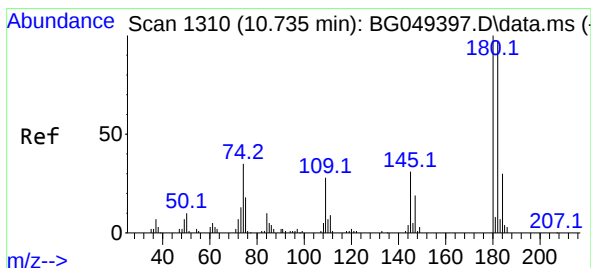
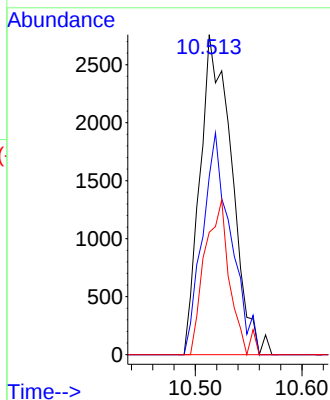
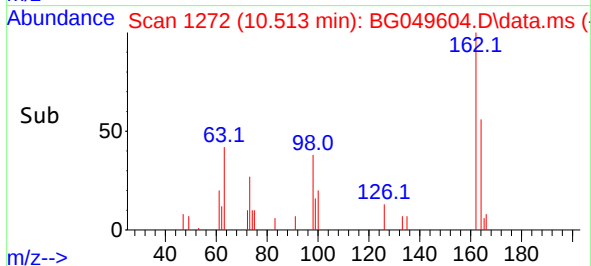
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



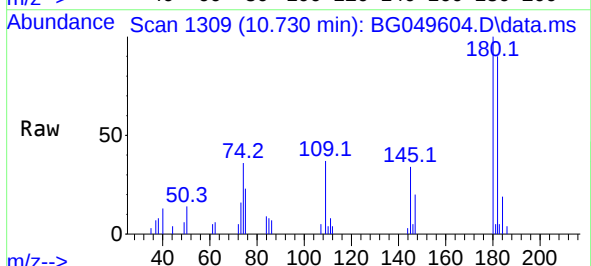
Tgt Ion:162 Resp: 5676
Ion Ratio Lower Upper
162 100
164 55.7 39.4 79.4
98 38.2 18.7 58.7

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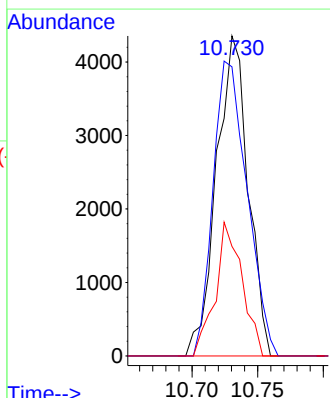
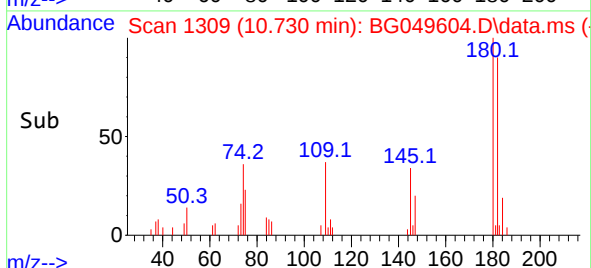
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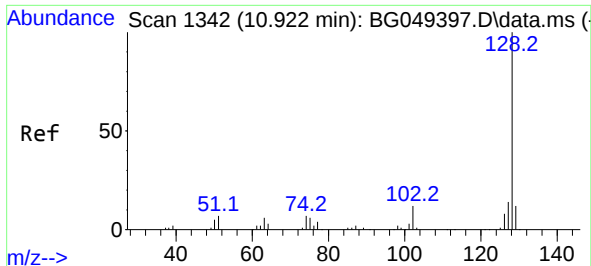


#30
1,2,4-Trichlorobenzene
Concen: 3.426 ng
RT: 10.730 min Scan# 1309
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



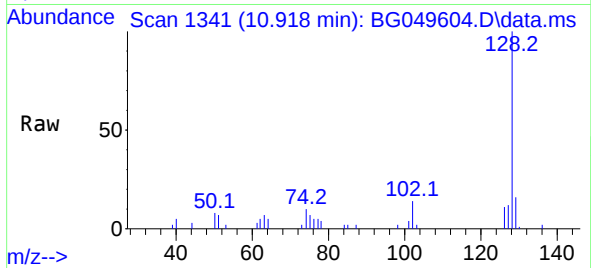
Tgt Ion:180 Resp: 7313
Ion Ratio Lower Upper
180 100
182 90.3 78.9 118.3
145 34.2 26.2 39.4





#31
Naphthalene
Concen: 3.164 ng
RT: 10.918 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

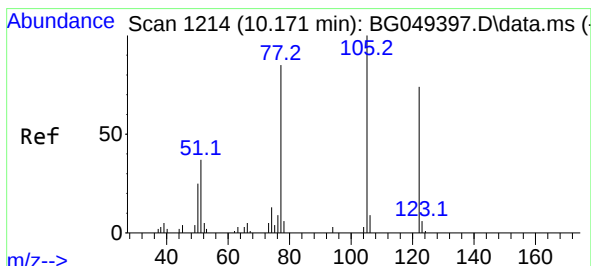
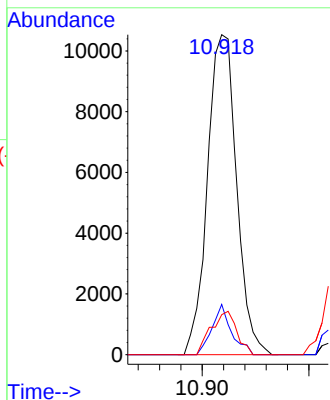
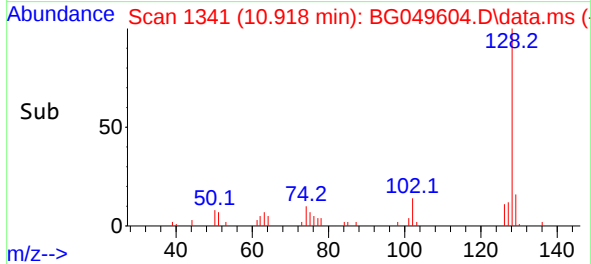
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



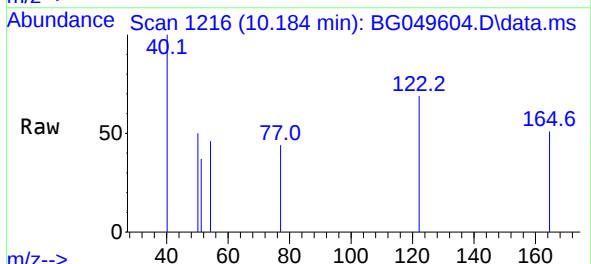
Tgt Ion:128 Resp: 19991
Ion Ratio Lower Upper
128 100
129 15.7 8.5 12.7#
127 12.5 10.2 15.4

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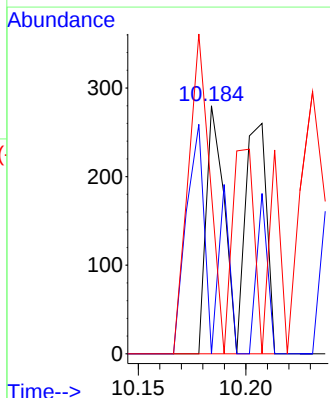
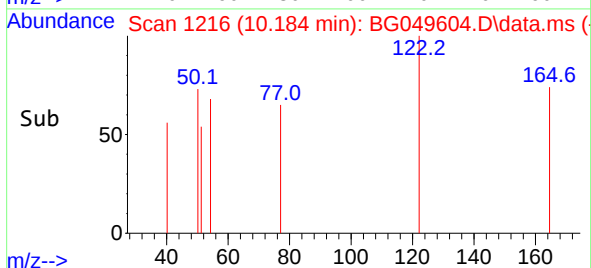
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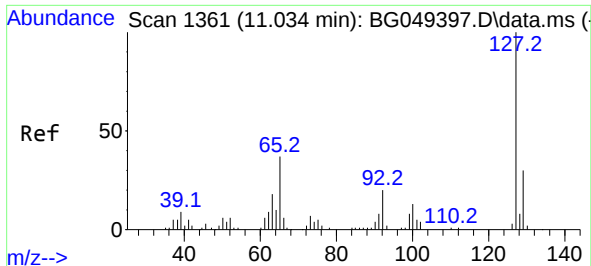


#32
Benzoic acid
Concen: 0.317 ng m
RT: 10.184 min Scan# 1216
Delta R.T. 0.013 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



Tgt Ion:122 Resp: 340
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 64.6 66.5 106.5#





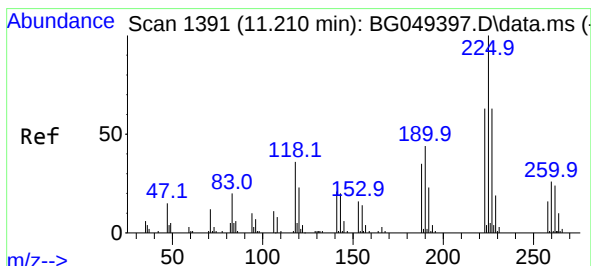
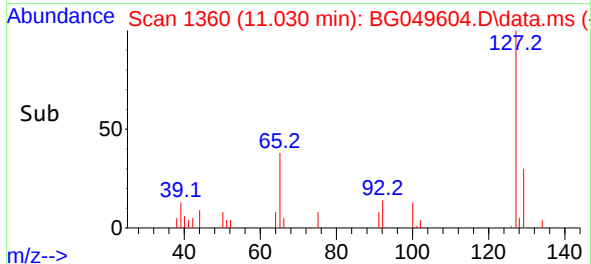
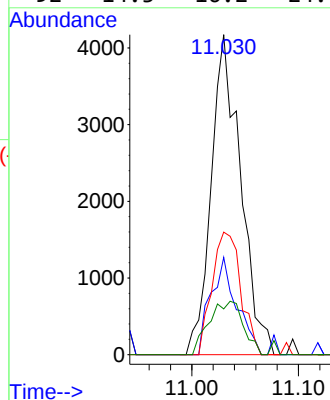
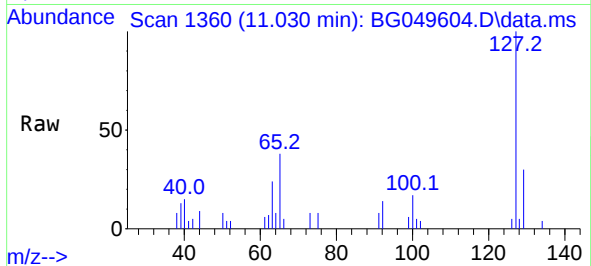
#33
4-Chloroaniline
Concen: 3.314 ng
RT: 11.030 min Scan# 1360
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:	127	Resp:	7992
Ion Ratio	Lower	Upper	
127	100		
129	30.4	26.7	40.1
65	38.3	32.8	49.2
92	14.3	16.2	24.4#

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

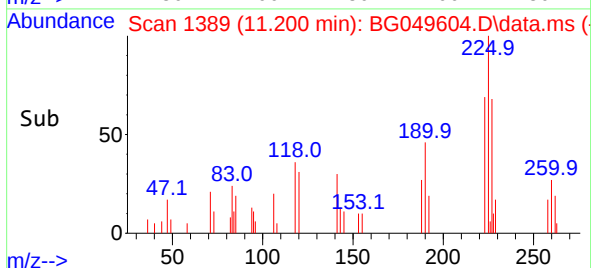
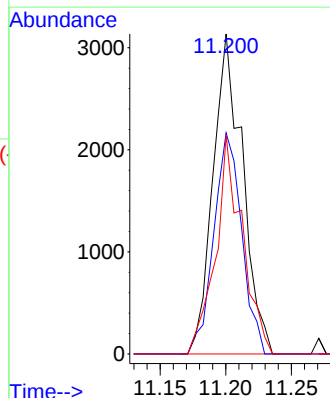
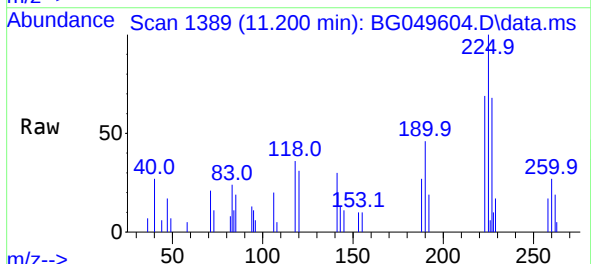
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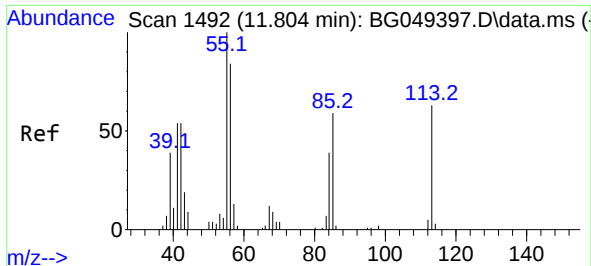
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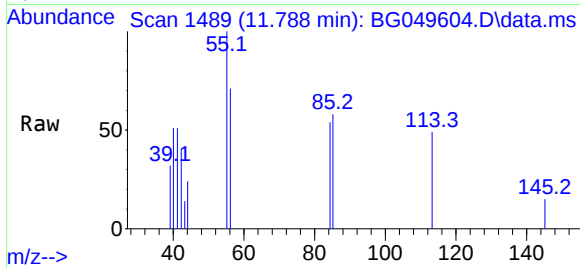
#34
Hexachlorobutadiene
Concen: 3.207 ng
RT: 11.200 min Scan# 1389
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:	225	Resp:	4905
Ion Ratio	Lower	Upper	
225	100		
223	69.1	49.8	74.8
227	68.5	46.4	69.6

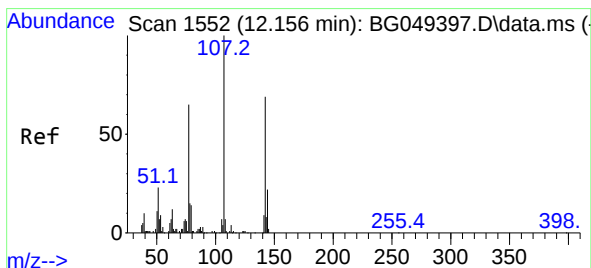
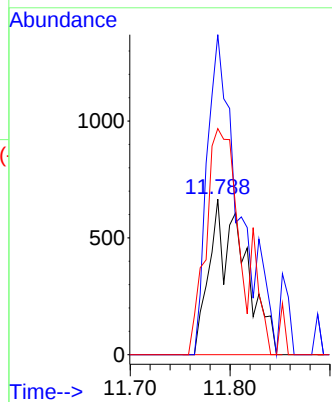
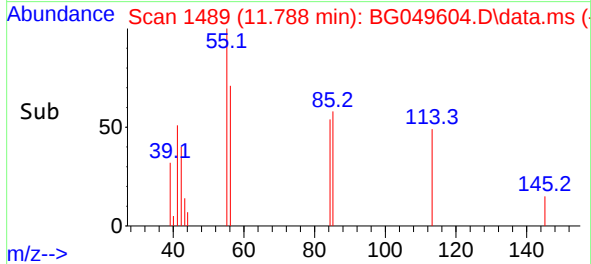




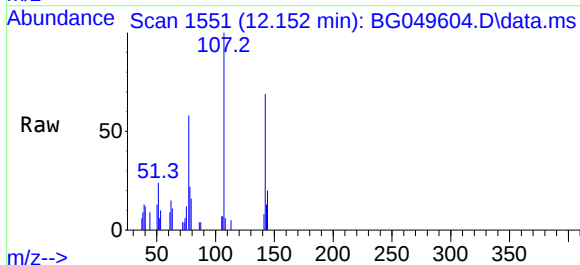
#35
Caprolactam
Concen: 2.789 ng m
RT: 11.788 min Scan# 1489
Delta R.T. -0.016 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



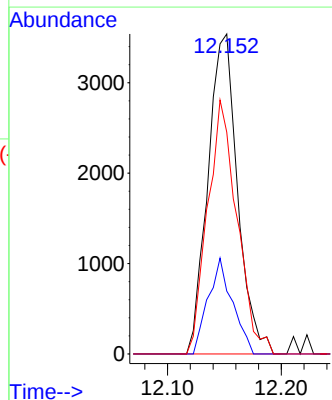
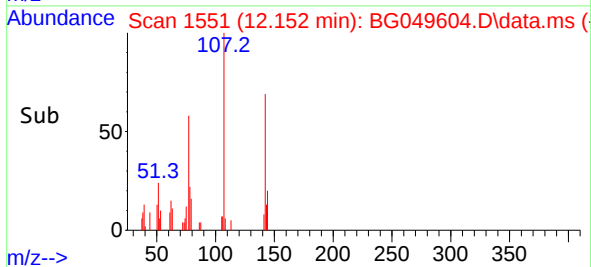
Tgt Ion:113 Resp: 1637
Ion Ratio Lower Upper
113 100
55 205.7 113.8 153.8#
56 145.3 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 2.878 ng
RT: 12.152 min Scan# 1551
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



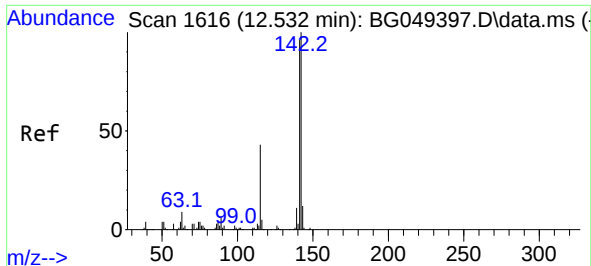
Tgt Ion:107 Resp: 6415
Ion Ratio Lower Upper
107 100
144 19.7 24.8 37.2#
142 69.3 62.2 93.4



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

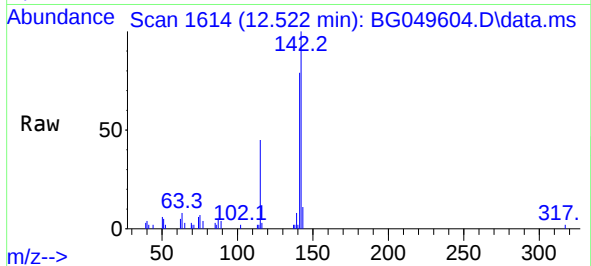
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#37
2-Methylnaphthalene
Concen: 3.521 ng
RT: 12.522 min Scan# 1614
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

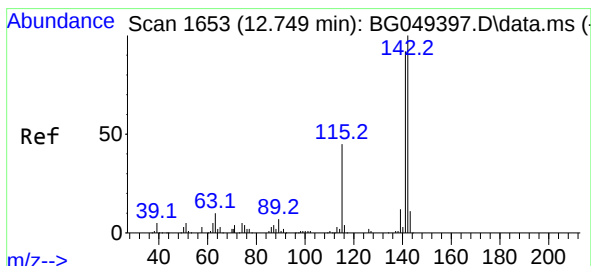
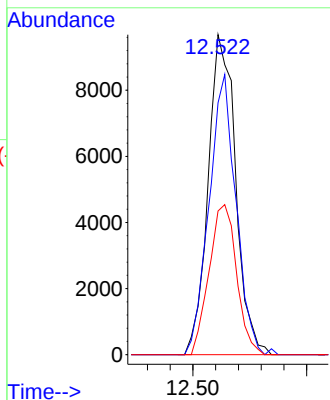
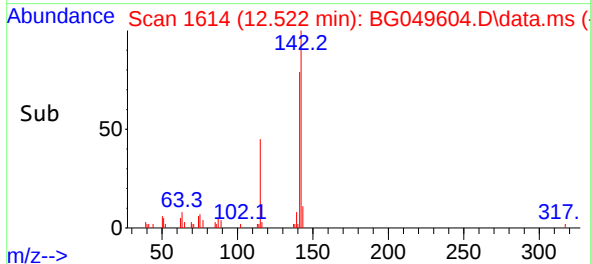
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



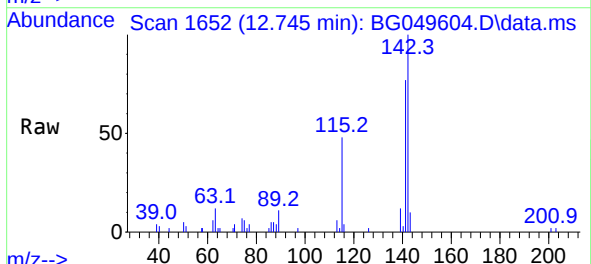
Tgt Ion:142 Resp: 16239
Ion Ratio Lower Upper
142 100
141 78.7 68.8 103.2
115 44.9 36.4 54.6

Manual Integrations
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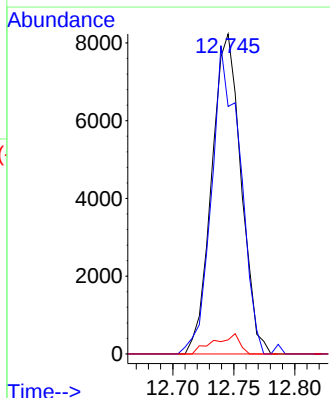
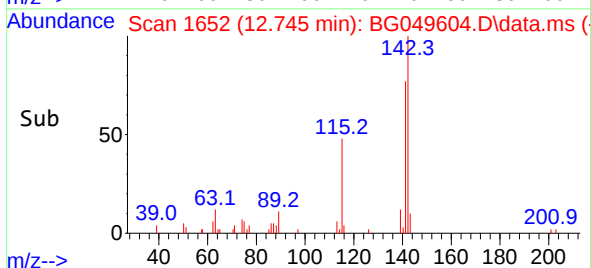
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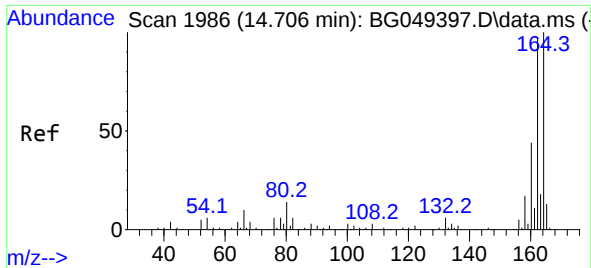


#38
1-Methylnaphthalene
Concen: 3.125 ng
RT: 12.745 min Scan# 1652
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



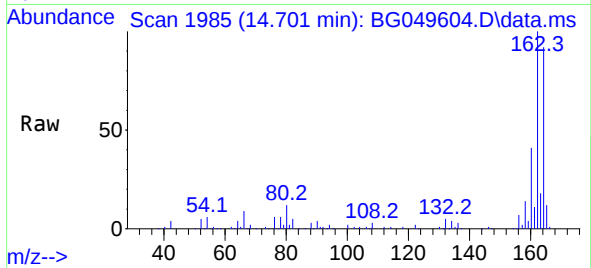
Tgt Ion:142 Resp: 13782
Ion Ratio Lower Upper
142 100
141 77.4 70.6 106.0
116 4.4 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

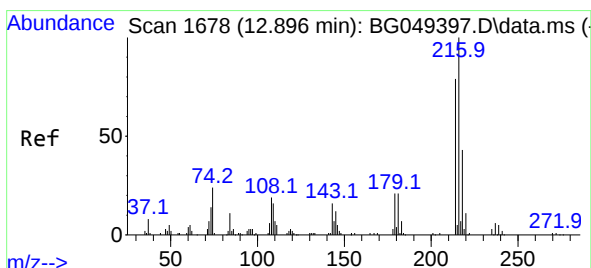
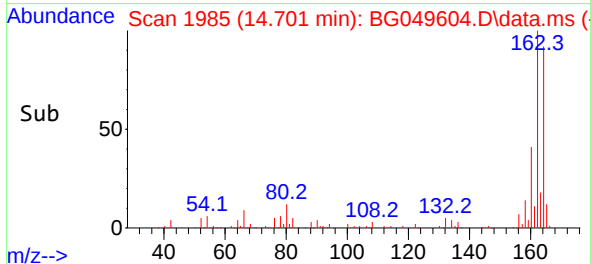
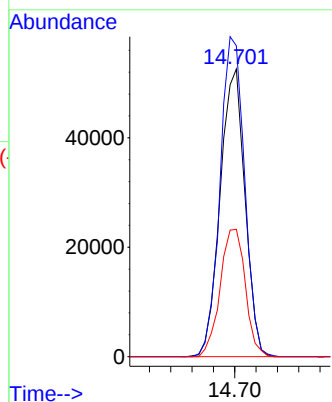
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



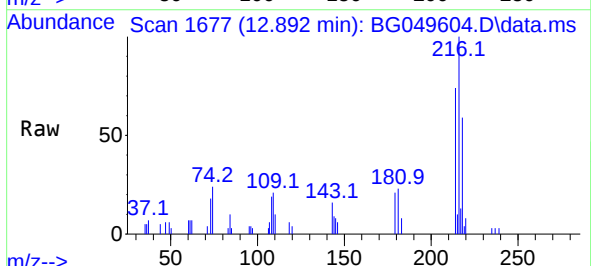
Tgt Ion:164 Resp: 84835
Ion Ratio Lower Upper
164 100
162 108.1 81.4 122.0
160 44.3 34.9 52.3

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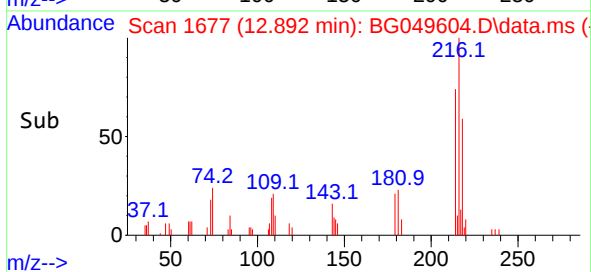
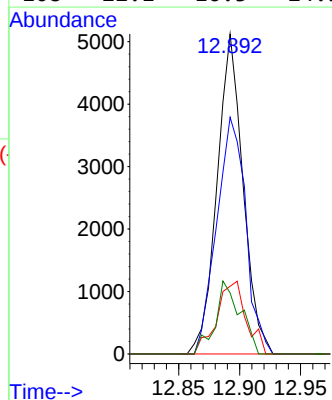
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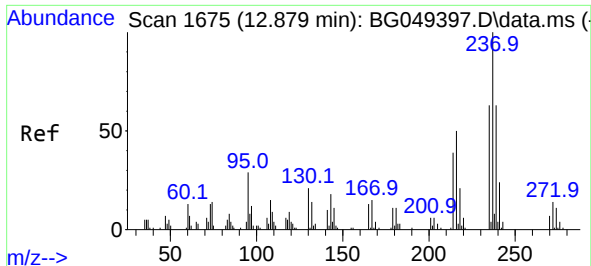


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.029 ng
RT: 12.892 min Scan# 1677
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



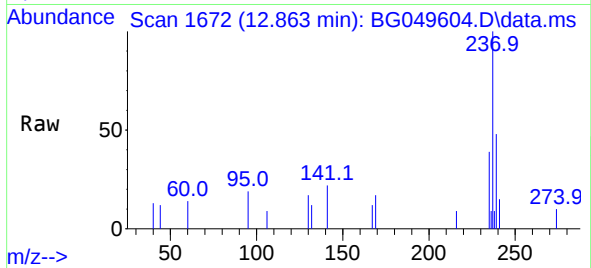
Tgt Ion:216 Resp: 7600
Ion Ratio Lower Upper
216 100
214 82.7 61.4 92.2
179 25.5 17.3 25.9
108 22.1 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 2.627 ng
RT: 12.863 min Scan# 1672
Delta R.T. -0.016 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

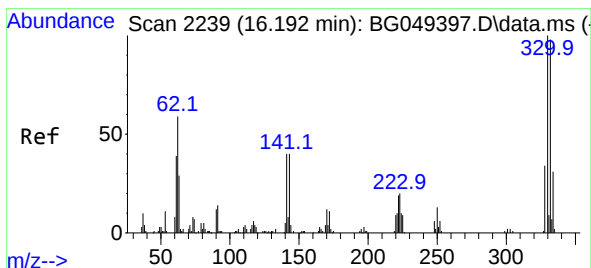
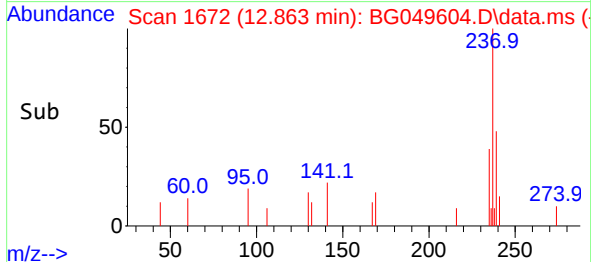
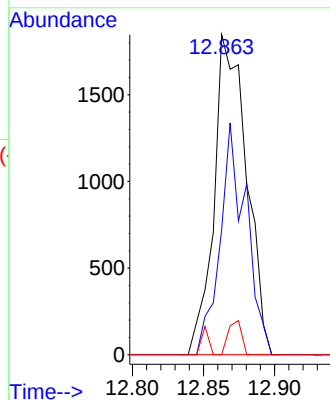
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



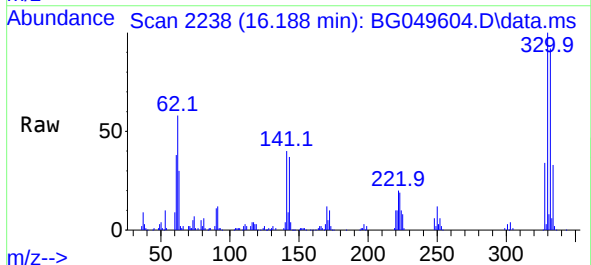
Tgt Ion:237 Resp: 2942
Ion Ratio Lower Upper
237 100
235 39.0 36.6 76.6
272 0.0 0.0 32.5

Manual Integrations
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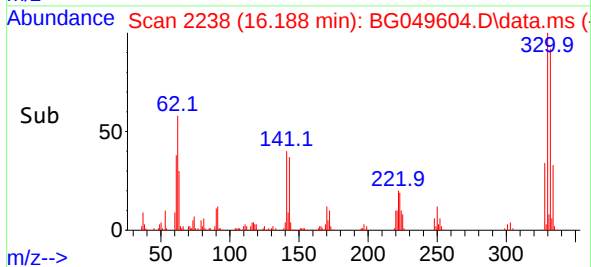
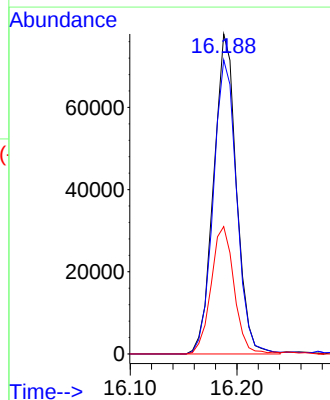
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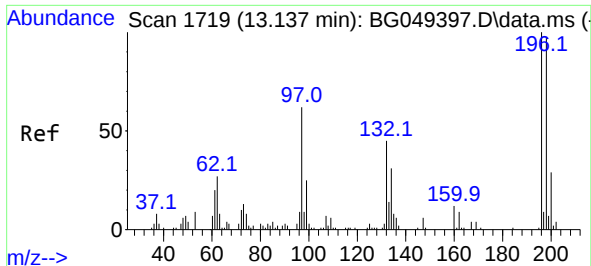


#42
2,4,6-Tribromophenol
Concen: 101.732 ng
RT: 16.188 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



Tgt Ion:330 Resp: 115577
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 40.2 35.6 53.4





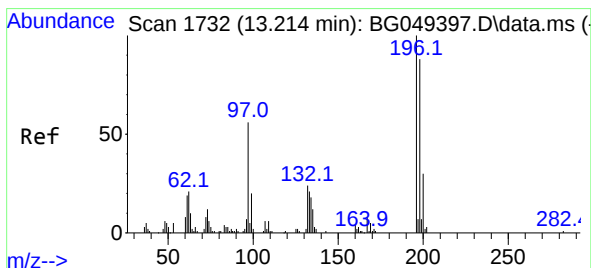
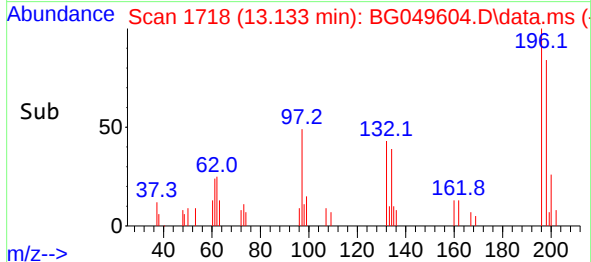
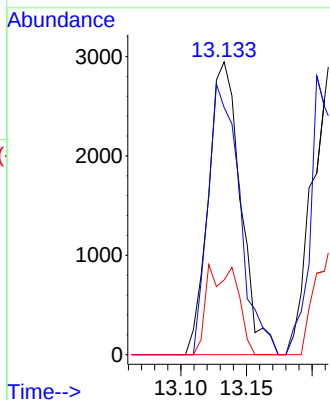
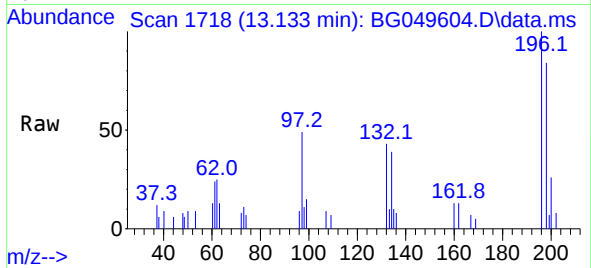
#43
2,4,6-Trichlorophenol
Concen: 3.081 ng
RT: 13.133 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:196 Resp: 5041
Ion Ratio Lower Upper
196 100
198 84.5 82.1 123.1
200 25.5 23.8 35.8

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

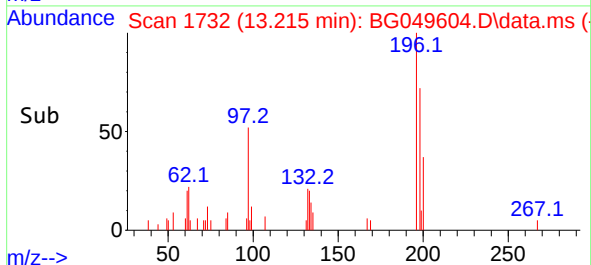
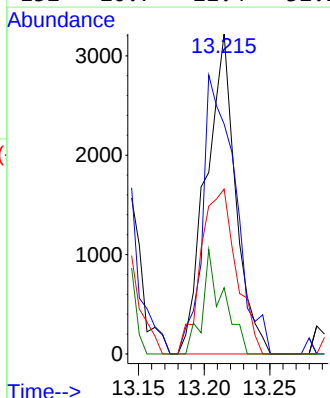
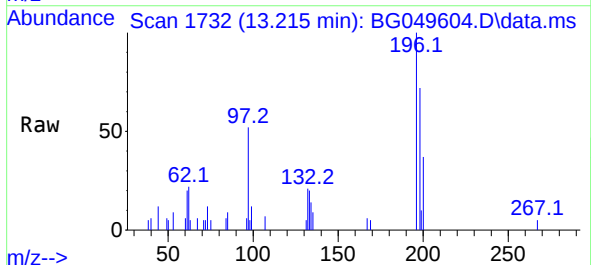
Manual Integrations
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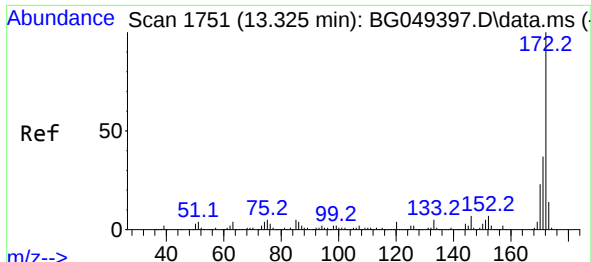
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 2.856 ng
RT: 13.215 min Scan# 1732
Delta R.T. 0.002 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

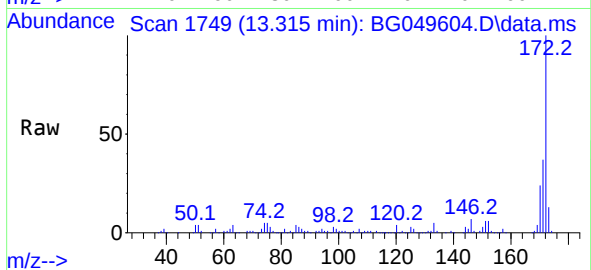
Tgt Ion:196 Resp: 5056
Ion Ratio Lower Upper
196 100
198 71.8 87.4 131.0#
97 51.5 43.3 64.9
132 20.7 21.4 32.2#





#45
2-Fluorobiphenyl
Concen: 52.142 ng
RT: 13.315 min Scan# 1749
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

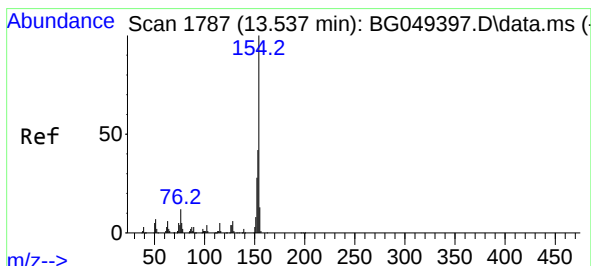
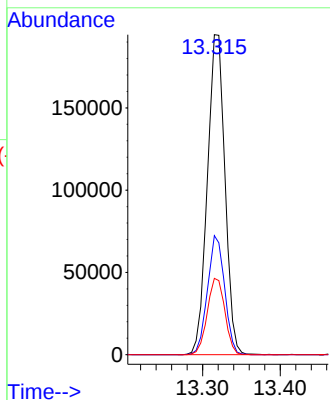
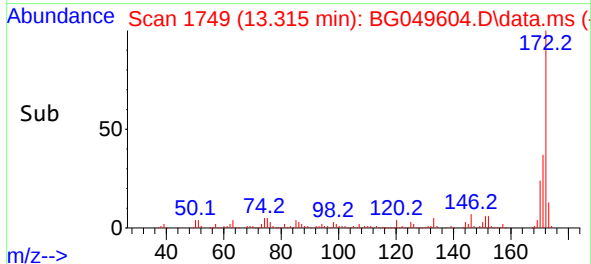
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



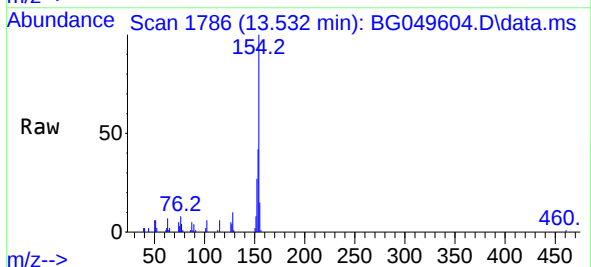
Tgt Ion:172 Resp: 307417
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 23.8 18.6 27.8

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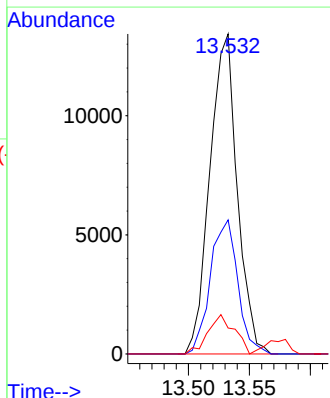
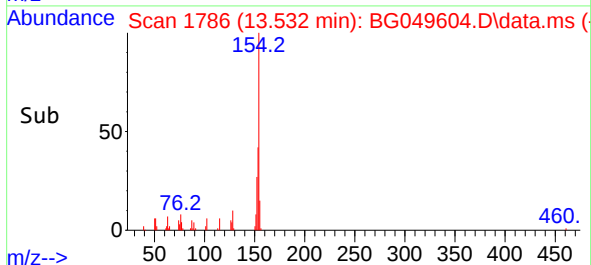
mohammad
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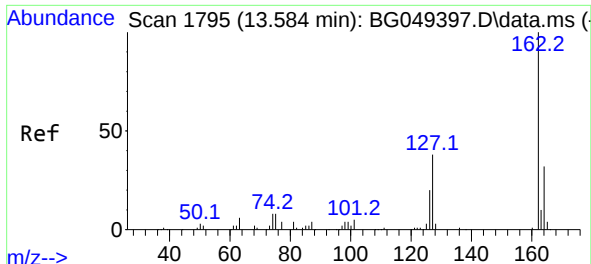


#46
1,1'-Biphenyl
Concen: 3.374 ng
RT: 13.532 min Scan# 1786
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



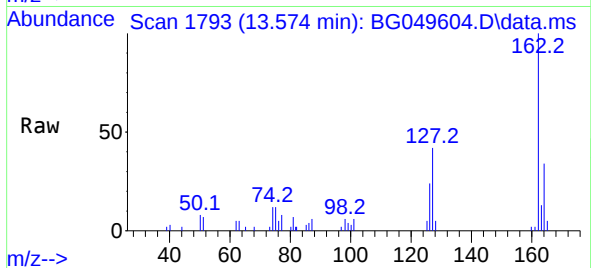
Tgt Ion:154 Resp: 20985
Ion Ratio Lower Upper
154 100
153 41.9 20.5 60.5
76 8.1 0.0 29.3





#47
2-Chloronaphthalene
Concen: 3.338 ng
RT: 13.574 min Scan# 1793
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

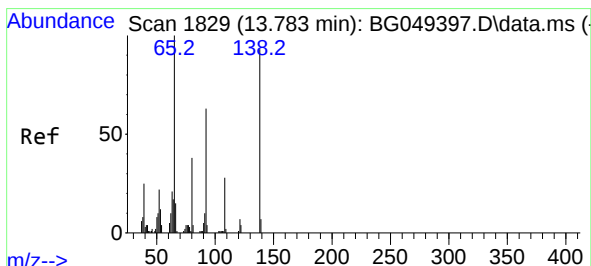
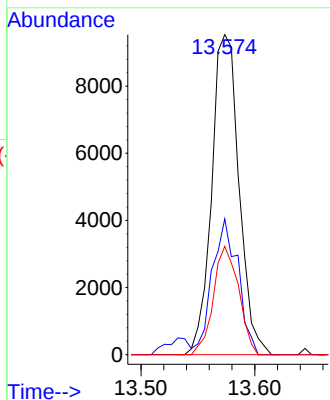
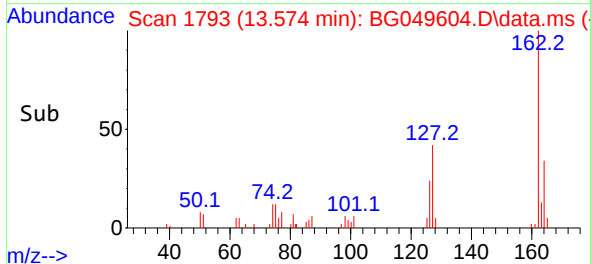
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



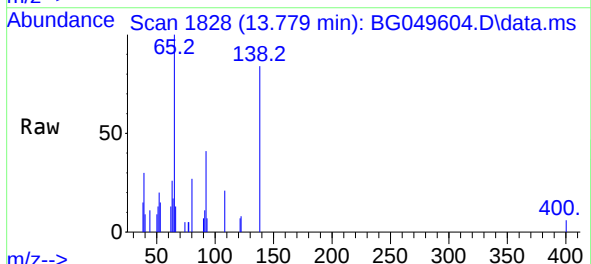
Tgt Ion:162 Resp: 15947
Ion Ratio Lower Upper
162 100
127 42.4 32.7 49.1
164 33.9 27.0 40.4

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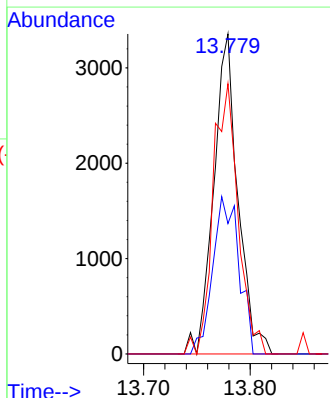
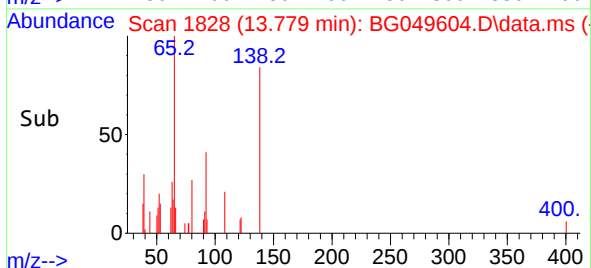
mohammad
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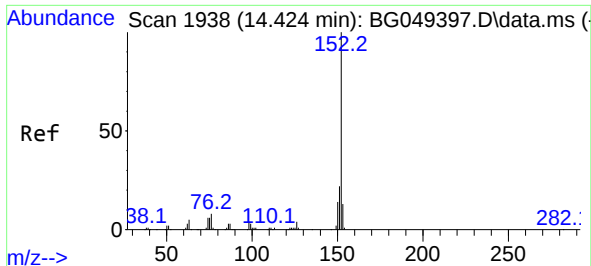


#48
2-Nitroaniline
Concen: 3.181 ng
RT: 13.779 min Scan# 1828
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



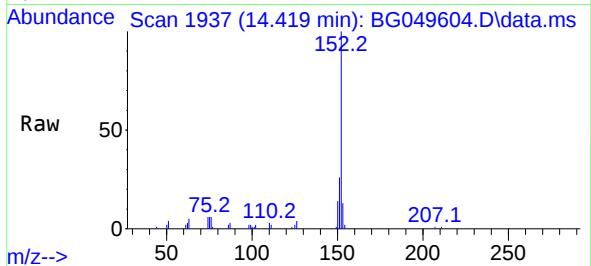
Tgt Ion: 65 Resp: 5288
Ion Ratio Lower Upper
65 100
92 40.7 47.2 70.8#
138 84.4 68.0 102.0





#49
Acenaphthylene
Concen: 3.351 ng
RT: 14.419 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

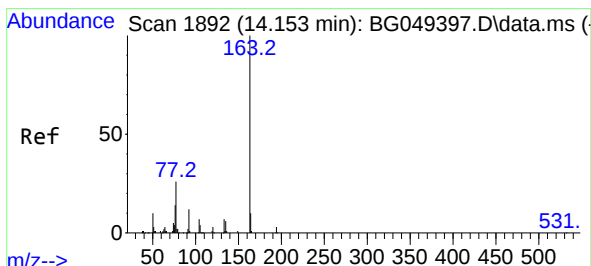
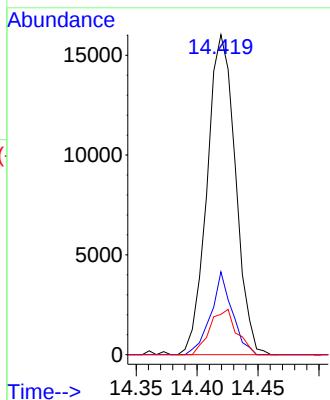
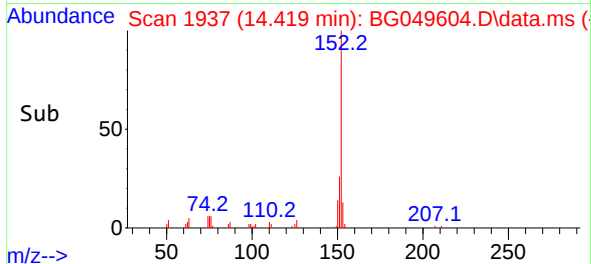
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



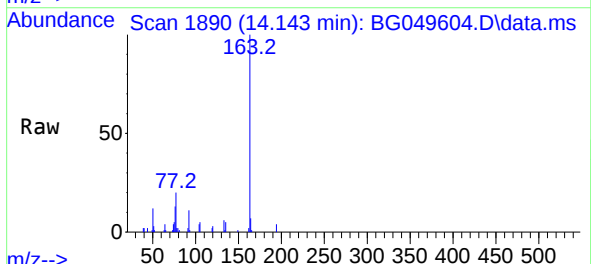
Tgt Ion:	152	Resp:	25956
Ion Ratio	Lower	Upper	
152	100		
151	25.9	18.2	27.4
153	12.6	11.7	17.5

Manual Integrations
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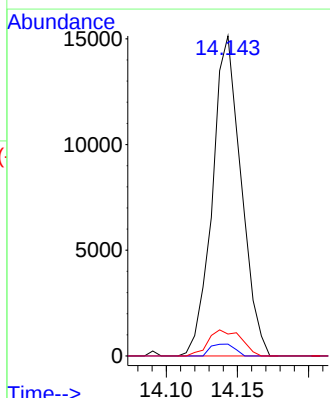
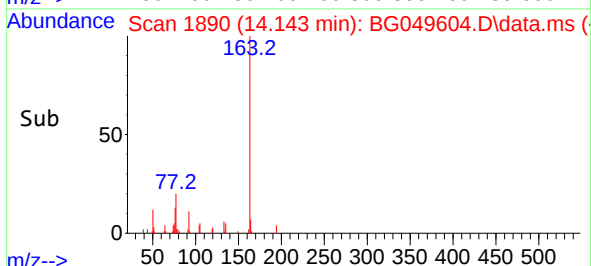
mohammad
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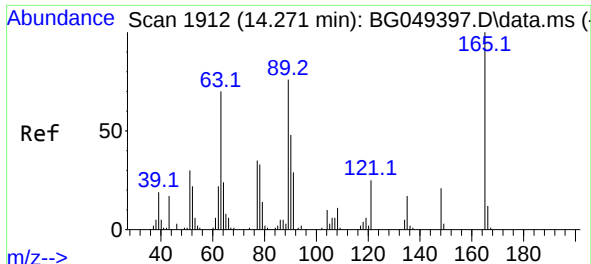


#50
Dimethylphthalate
Concen: 3.454 ng
RT: 14.143 min Scan# 1890
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

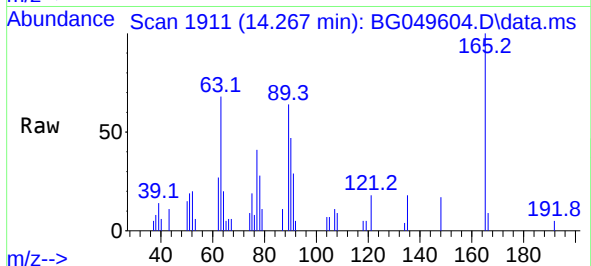


Tgt Ion:	163	Resp:	21287
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	6.8	8.6	12.8#

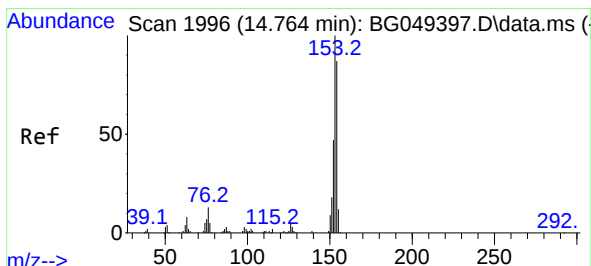
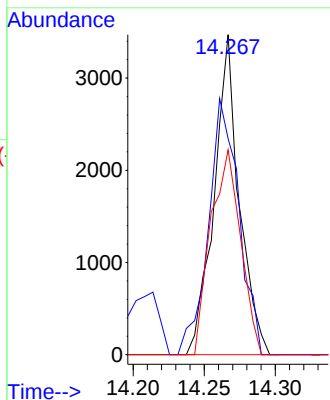
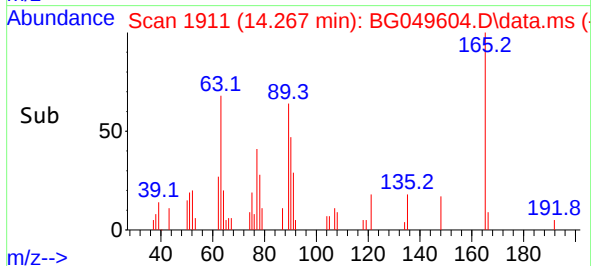




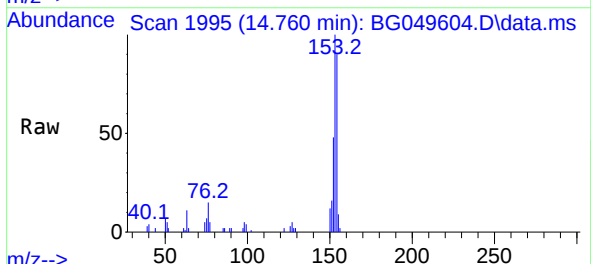
#51
2,6-Dinitrotoluene
Concen: 3.184 ng
RT: 14.267 min Scan# 1911
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



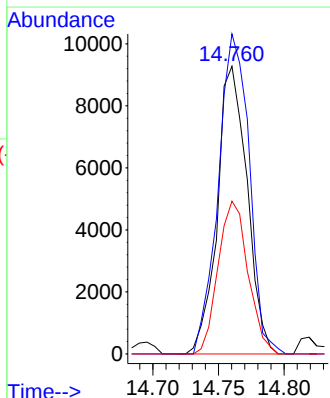
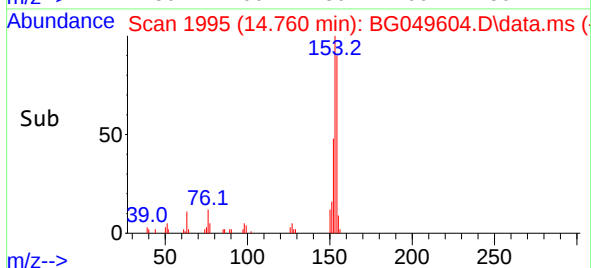
Tgt Ion:165 Resp: 4260
Ion Ratio Lower Upper
165 100
63 67.5 63.3 94.9
89 64.0 63.4 95.0



#52
Acenaphthene
Concen: 3.127 ng
RT: 14.760 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



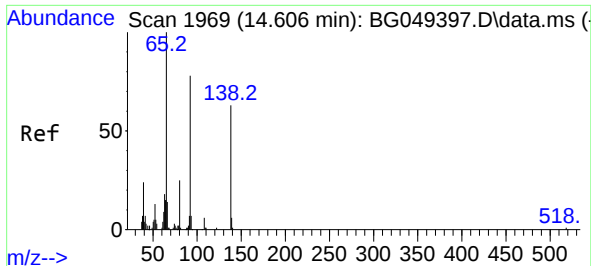
Tgt Ion:154 Resp: 14619
Ion Ratio Lower Upper
154 100
153 111.2 87.0 130.4
152 53.1 40.1 60.1



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

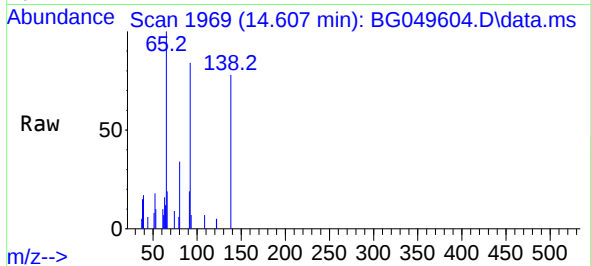
Manual Integrations
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#53
3-Nitroaniline
Concen: 3.049 ng
RT: 14.607 min Scan# 1969
Delta R.T. 0.002 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

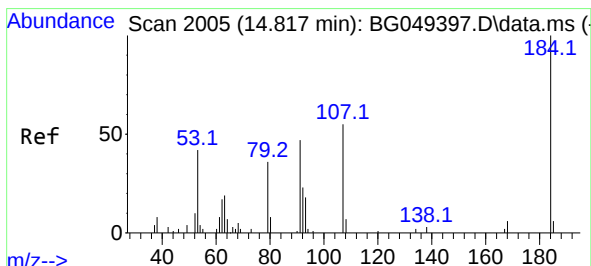
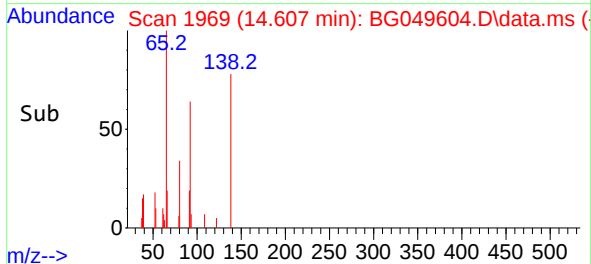
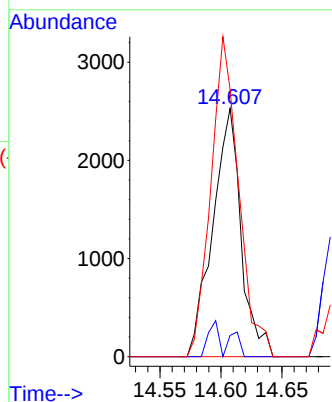
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:138 Resp: 4091
Ion Ratio Lower Upper
138 100
108 8.6 8.3 12.5
92 107.6 96.4 144.6

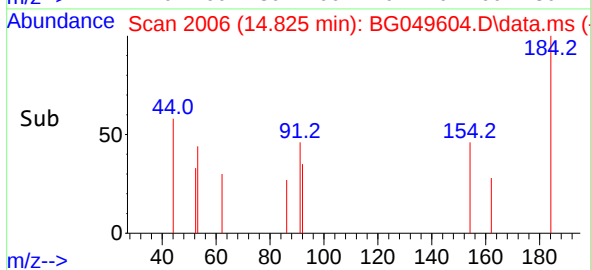
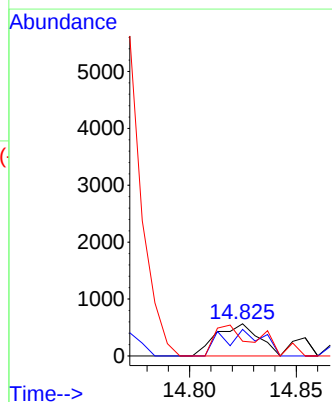
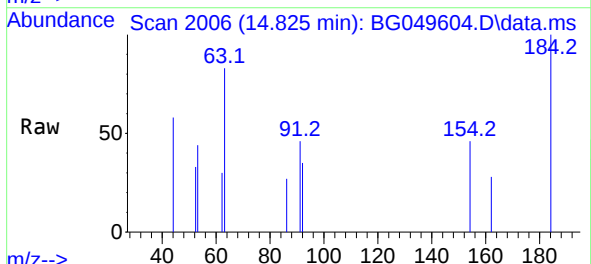
Manual Integrations
APPROVED

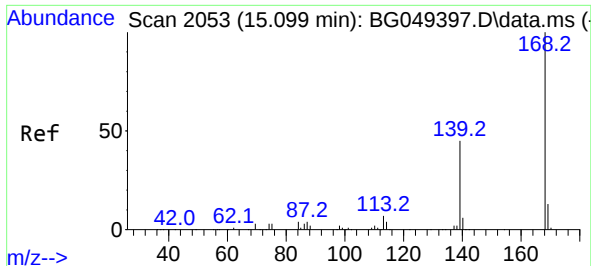
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#54
2,4-Dinitrophenol
Concen: 1.374 ng
RT: 14.825 min Scan# 2006
Delta R.T. 0.008 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

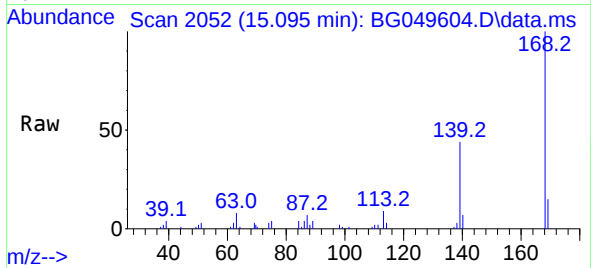
Tgt Ion:184 Resp: 774
Ion Ratio Lower Upper
184 100
63 82.7 68.3 102.5
154 46.0 62.6 93.8#





#55
Dibenzofuran
Concen: 3.147 ng
RT: 15.095 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

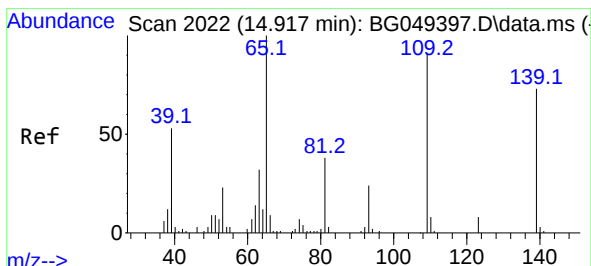
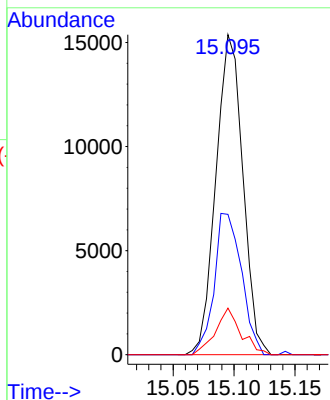
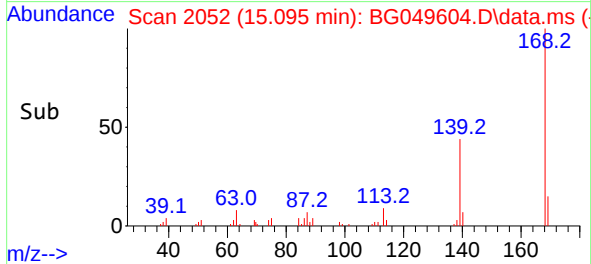
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



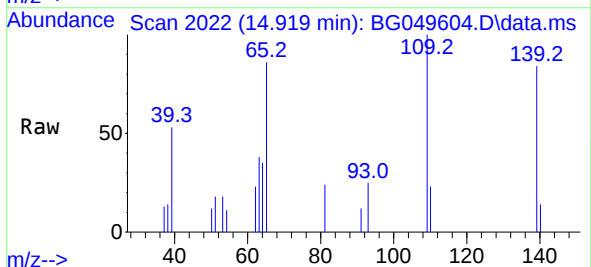
Tgt Ion:168 Resp: 23604
Ion Ratio Lower Upper
168 100
139 43.8 33.4 50.2
169 14.6 12.3 18.5

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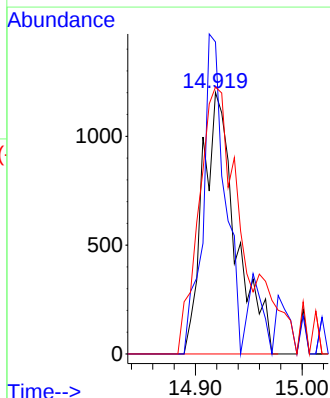
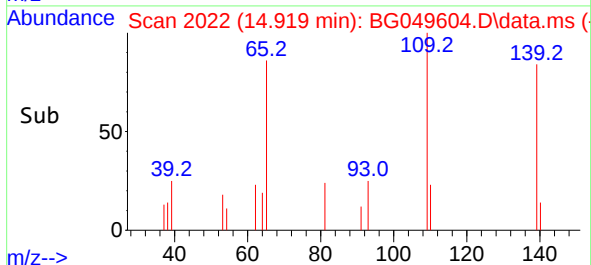
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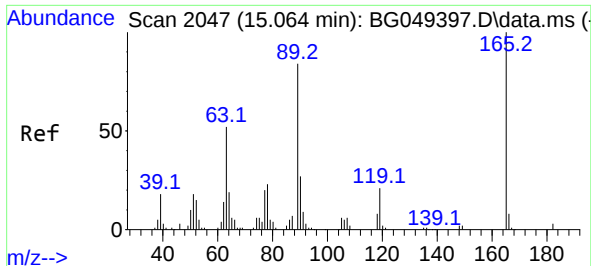


#56
4-Nitrophenol
Concen: 2.458 ng
RT: 14.919 min Scan# 2022
Delta R.T. 0.002 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



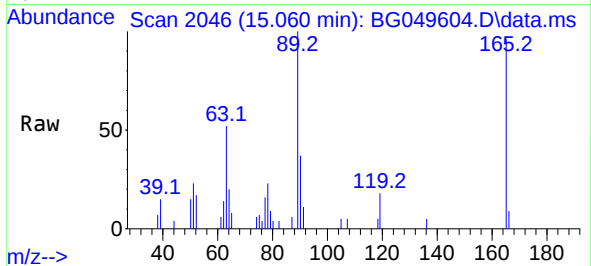
Tgt Ion:139 Resp: 2602
Ion Ratio Lower Upper
139 100
109 119.3 116.3 156.3
65 102.1 105.0 145.0#





#57
2,4-Dinitrotoluene
Concen: 3.369 ng
RT: 15.060 min Scan# 2046
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

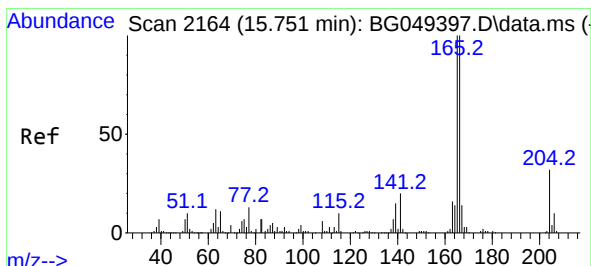
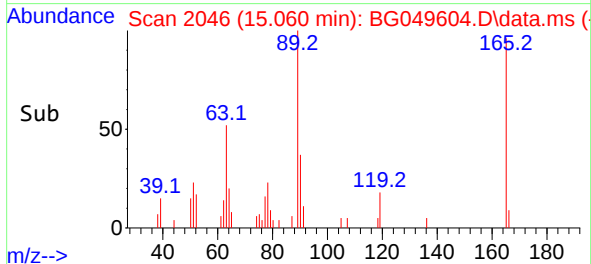
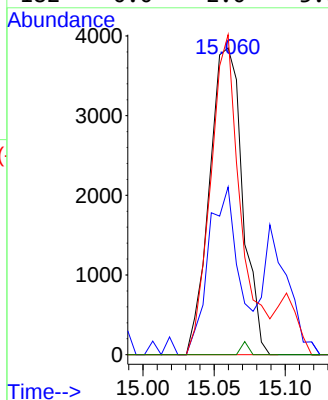
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:165 Resp: 6231
Ion Ratio Lower Upper
165 100
63 54.7 48.0 72.0
89 104.3 65.4 98.0#
182 0.0 2.0 3.0#

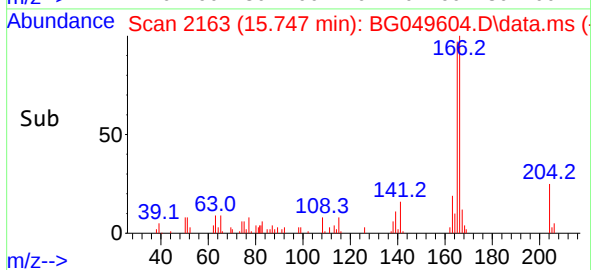
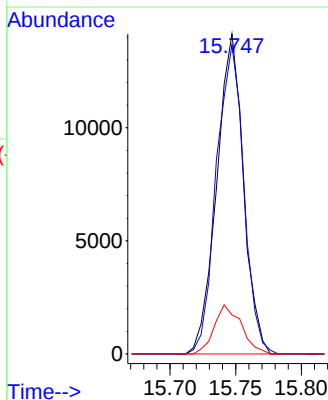
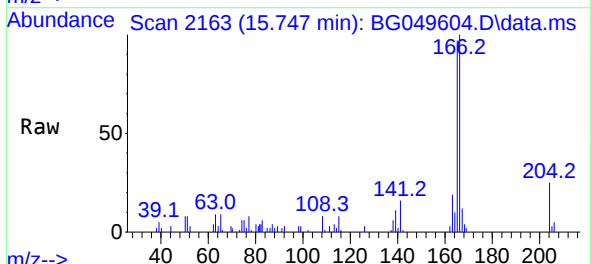
Manual Integrations
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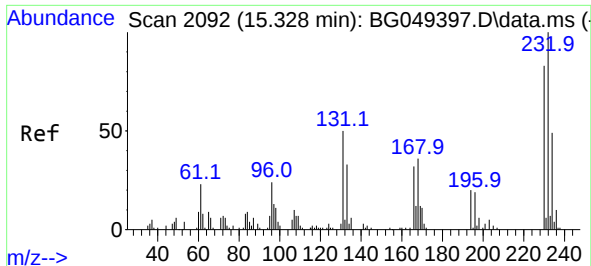
mohammad
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#58
Fluorene
Concen: 3.288 ng
RT: 15.747 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:166 Resp: 19986
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 12.2 10.8 16.2





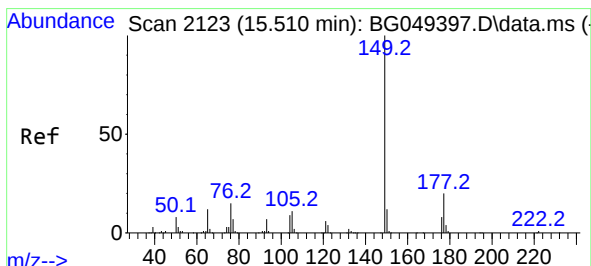
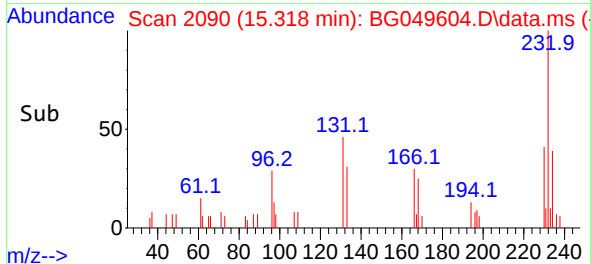
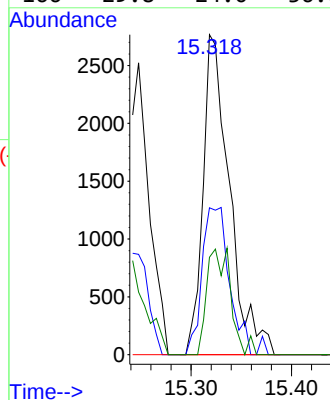
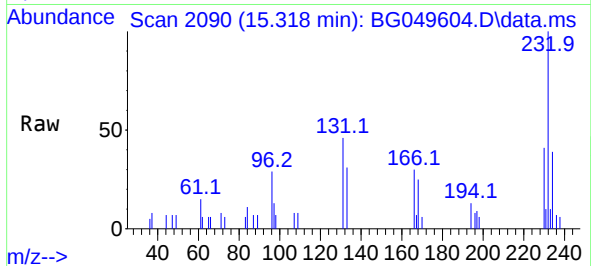
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.133 ng
RT: 15.318 min Scan# 2090
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:232 Resp: 5069
Ion Ratio Lower Upper
232 100
131 47.4 37.2 55.8
130 0.0 2.8 4.2#
166 29.8 24.0 36.0

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

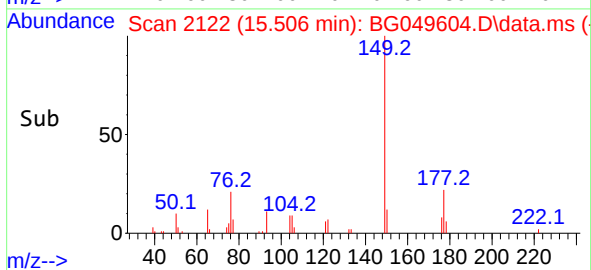
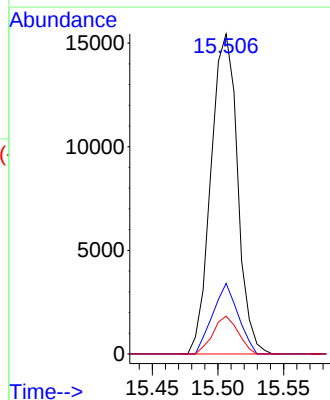
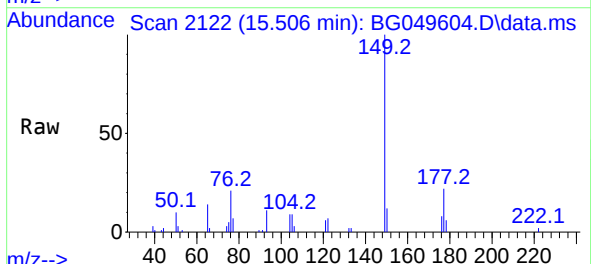
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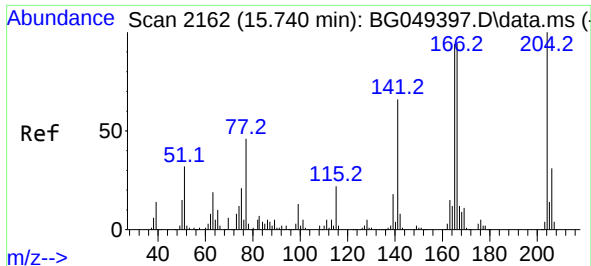
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#60
Diethylphthalate
Concen: 3.514 ng
RT: 15.506 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

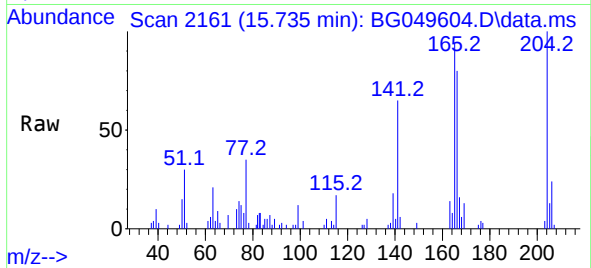
Tgt Ion:149 Resp: 21751
Ion Ratio Lower Upper
149 100
177 22.0 19.0 28.6
150 11.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 3.568 ng
RT: 15.735 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

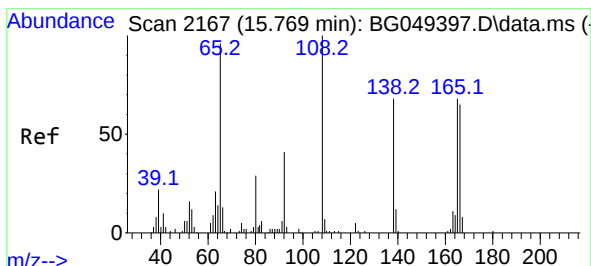
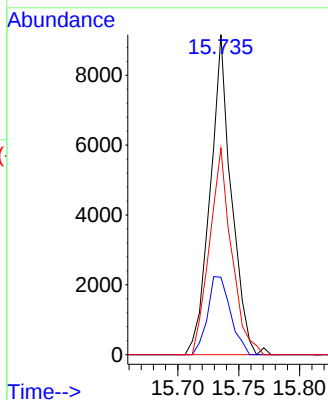
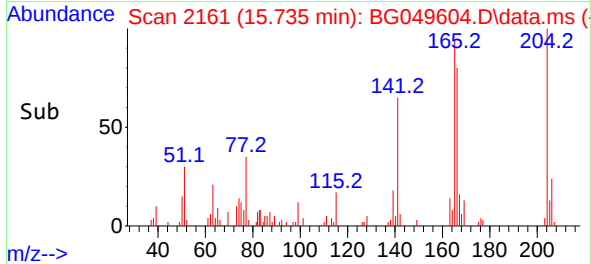
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



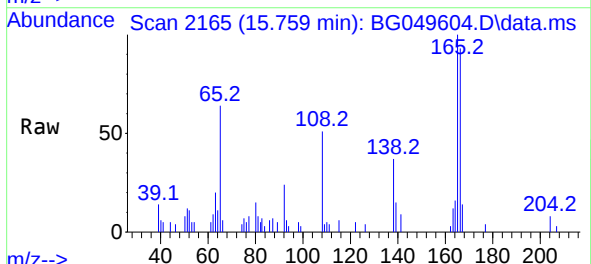
Tgt Ion:204 Resp: 11031
Ion Ratio Lower Upper
204 100
206 24.2 24.6 37.0#
141 64.5 47.8 71.8

Manual Integrations
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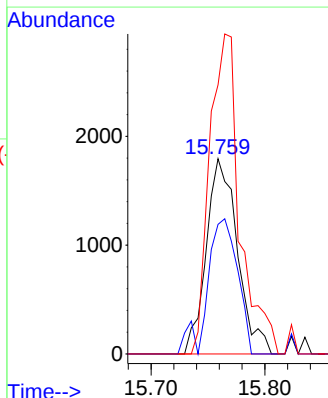
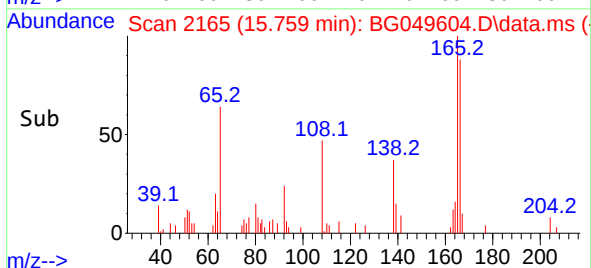
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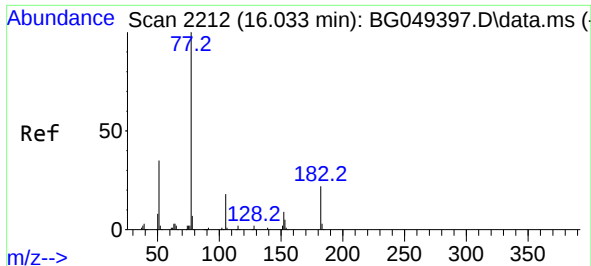


#62
4-Nitroaniline
Concen: 2.422 ng
RT: 15.759 min Scan# 2165
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

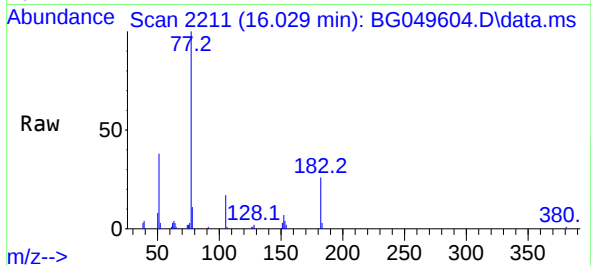


Tgt Ion:138 Resp: 3421
Ion Ratio Lower Upper
138 100
92 66.4 32.3 72.3
108 137.9 132.4 172.4

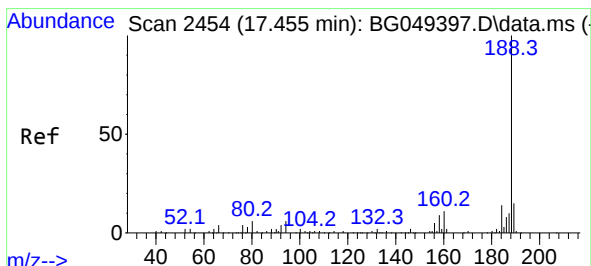
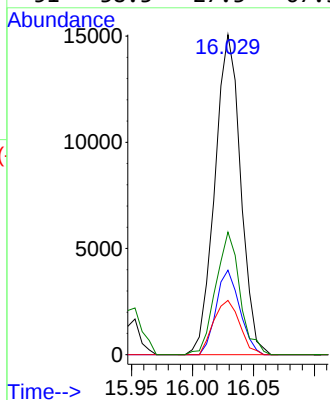
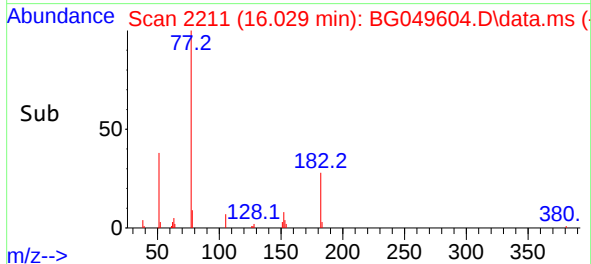




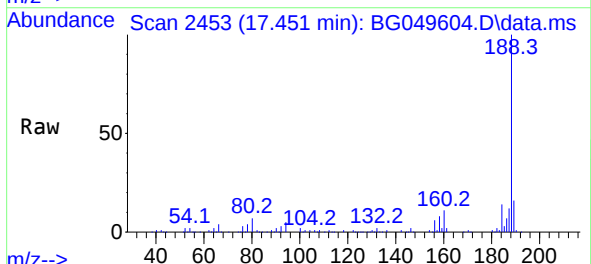
#63
Azobenzene
Concen: 3.238 ng
RT: 16.029 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



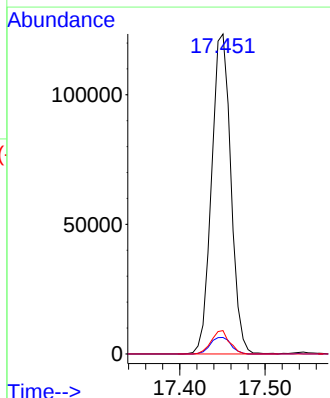
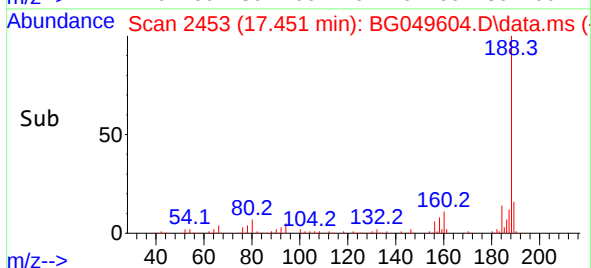
Tgt Ion: 77 Resp: 22200
Ion Ratio Lower Upper
77 100
182 26.4 7.9 47.9
105 16.9 0.0 37.9
51 38.3 27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



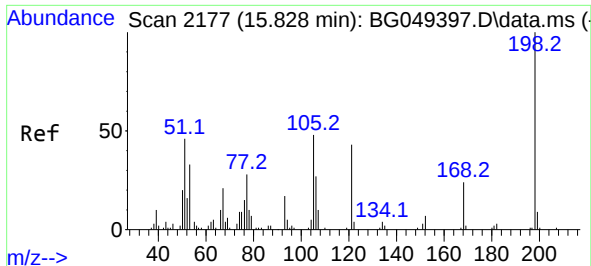
Tgt Ion: 188 Resp: 193834
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 7.3 3.7 5.5#



Instrument :
BNA_G
ClientSampleId :
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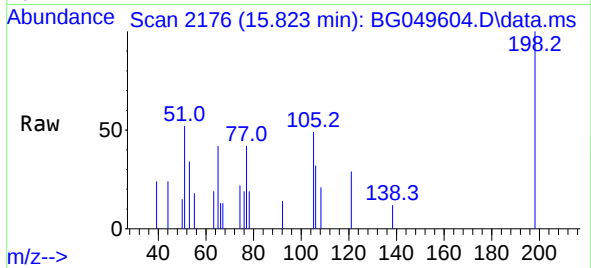
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#65
4,6-Dinitro-2-methylphenol
Concen: 2.210 ng
RT: 15.823 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

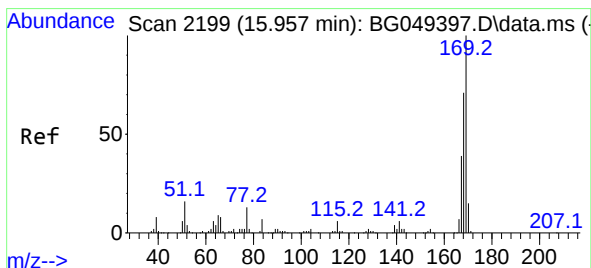
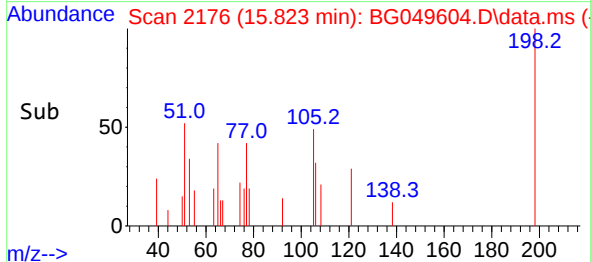
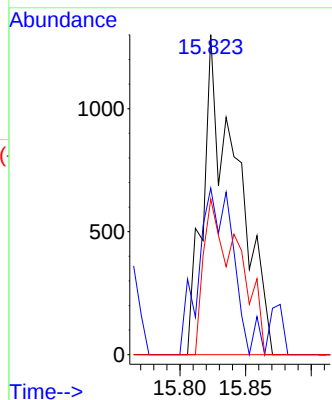
Instrument :
BNA_G
ClientSampleId :
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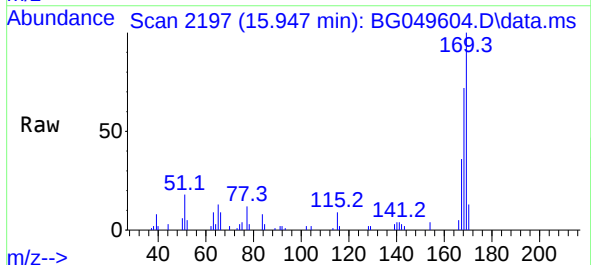
Tgt Ion:198 Resp: 2321
Ion Ratio Lower Upper
198 100
51 52.0 29.4 69.4
105 48.7 15.1 55.1

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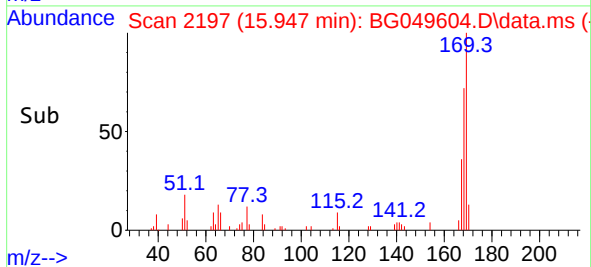
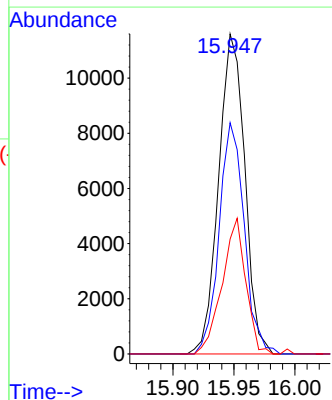
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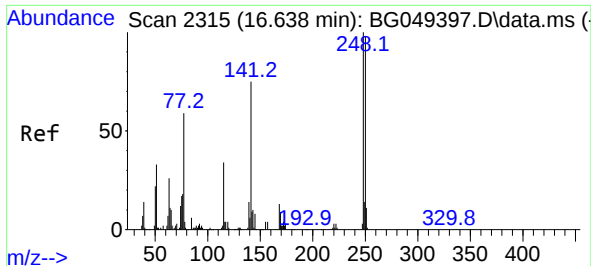


#66
n-Nitrosodiphenylamine
Concen: 3.107 ng
RT: 15.947 min Scan# 2197
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



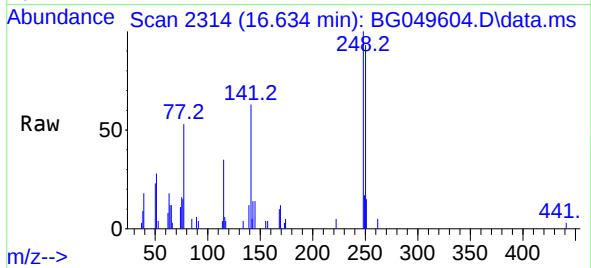
Tgt Ion:169 Resp: 17297
Ion Ratio Lower Upper
169 100
168 72.2 56.3 84.5
167 35.9 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 3.372 ng
RT: 16.634 min Scan# 2314
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

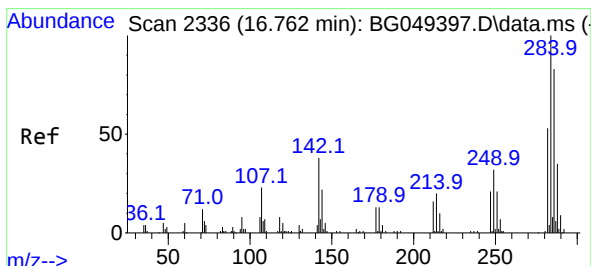
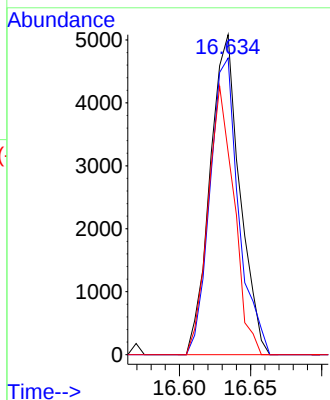
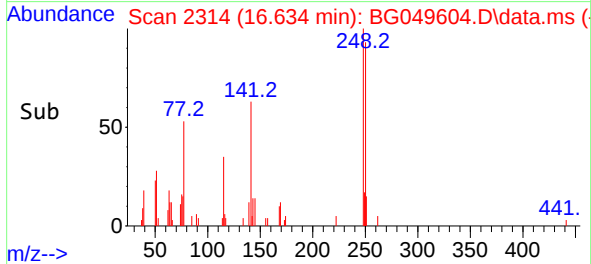
Instrument :
BNA_G
ClientSampleId :
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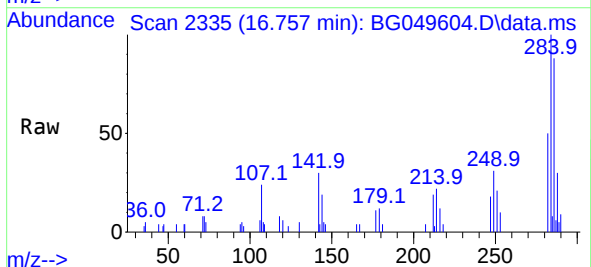
Tgt Ion:248 Resp: 7404
Ion Ratio Lower Upper
248 100
250 92.7 76.1 114.1
141 63.3 65.4 98.2#

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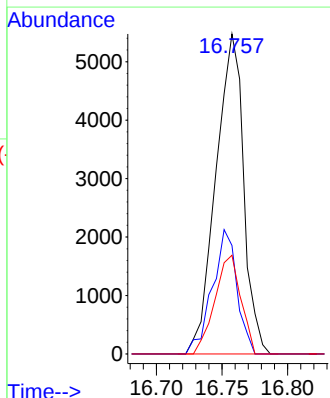
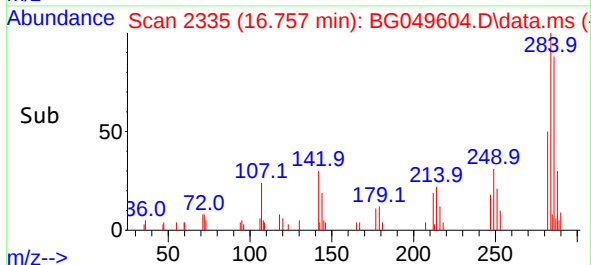
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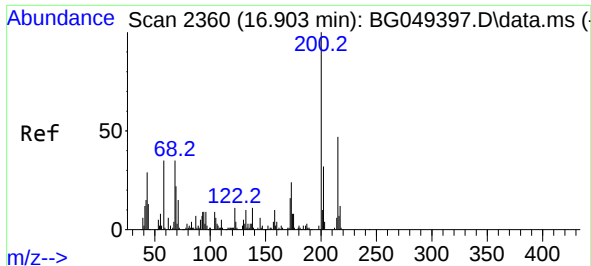


#68
Hexachlorobenzene
Concen: 3.230 ng
RT: 16.757 min Scan# 2335
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

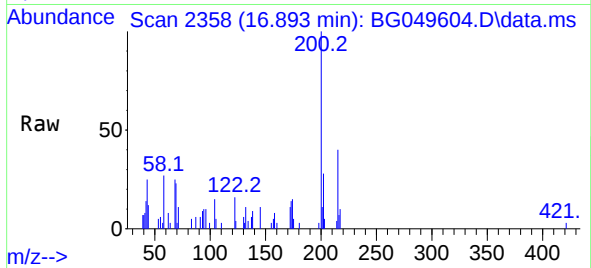


Tgt Ion:284 Resp: 8030
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 30.8 28.2 42.2

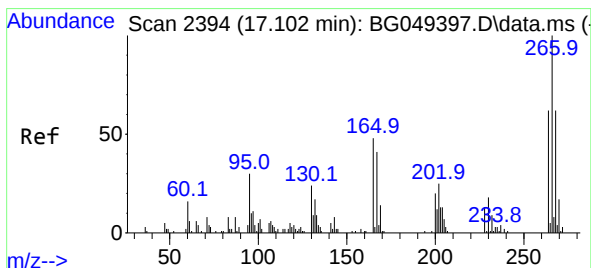
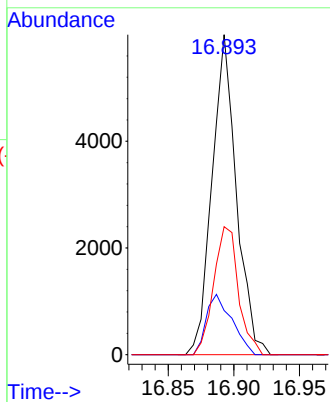
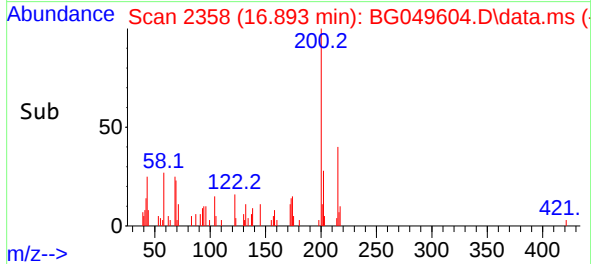




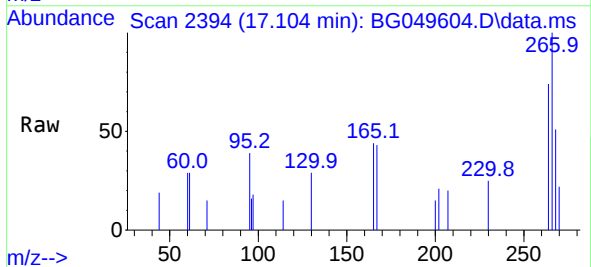
#69
Atrazine
Concen: 3.502 ng
RT: 16.893 min Scan# 2358
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



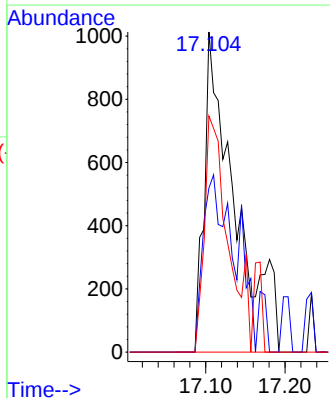
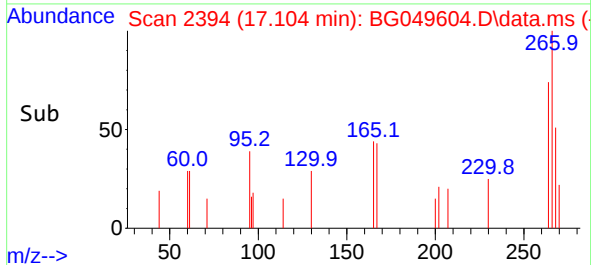
Tgt Ion:	200	Resp:	7727
Ion	Ratio	Lower	Upper
200	100		
173	13.8	3.7	43.7
215	40.0	26.9	66.9



#70
Pentachlorophenol
Concen: 2.428 ng m
RT: 17.104 min Scan# 2394
Delta R.T. 0.002 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



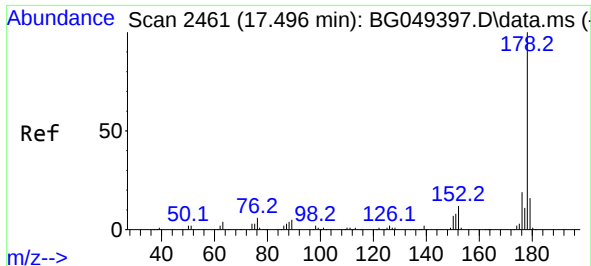
Tgt Ion:	266	Resp:	2713
Ion	Ratio	Lower	Upper
266	100		
268	51.2	49.0	73.4
264	73.7	49.0	73.6#



Instrument :
BNA_G
ClientSampleId :
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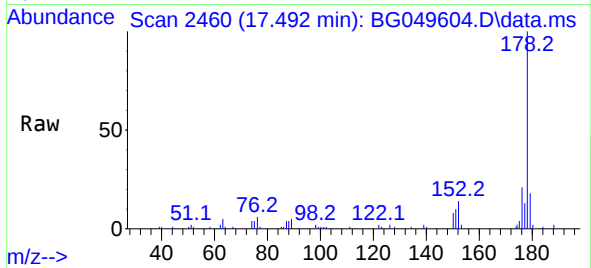
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#71
Phenanthrene
Concen: 3.009 ng
RT: 17.492 min Scan# 2460
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

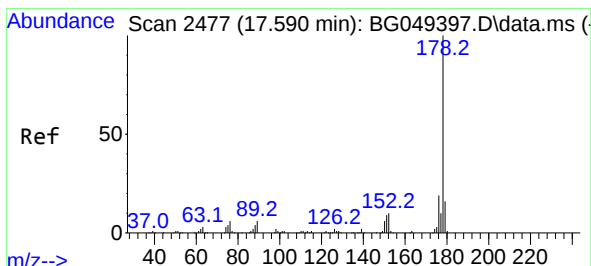
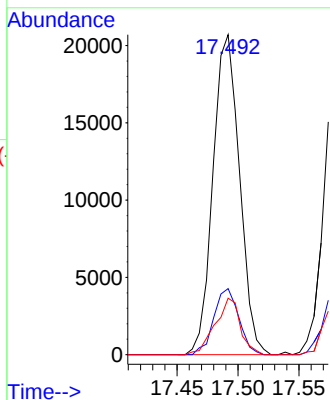
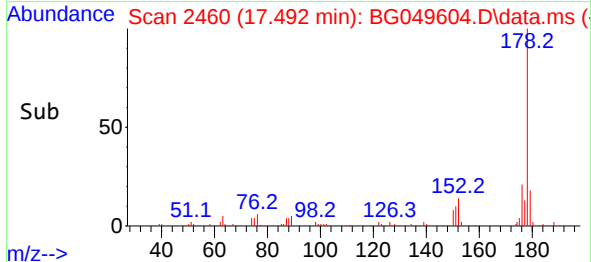
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



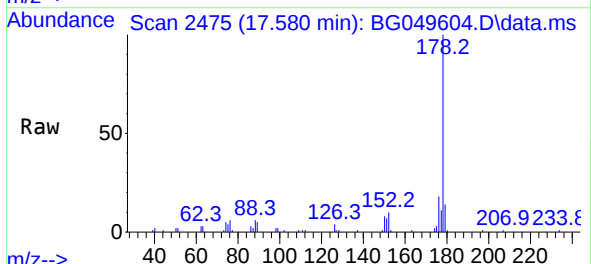
Tgt Ion:178 Resp: 31351
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 17.7 14.2 21.4

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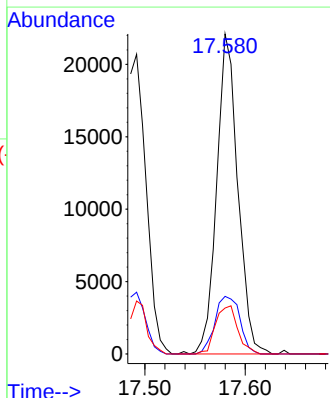
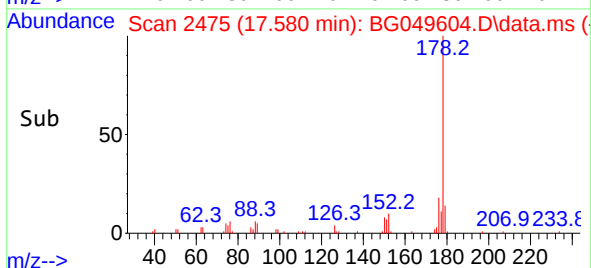
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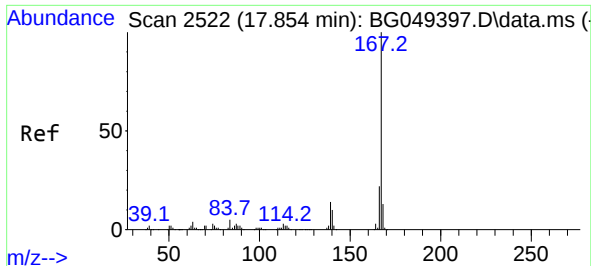


#72
Anthracene
Concen: 3.154 ng
RT: 17.580 min Scan# 2475
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



Tgt Ion:178 Resp: 32302
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 14.3 13.4 20.0





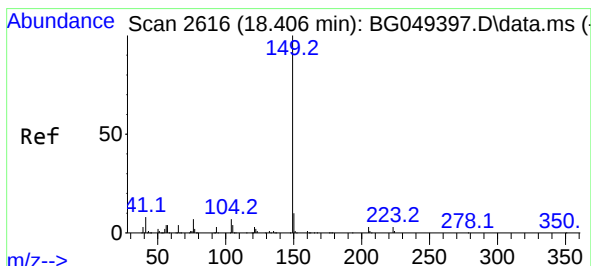
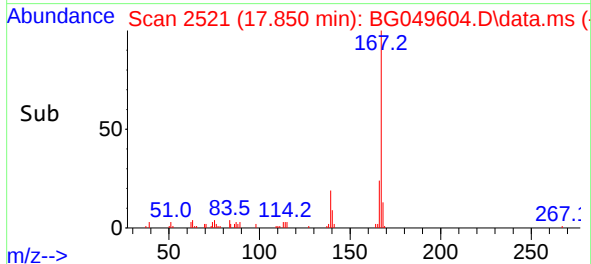
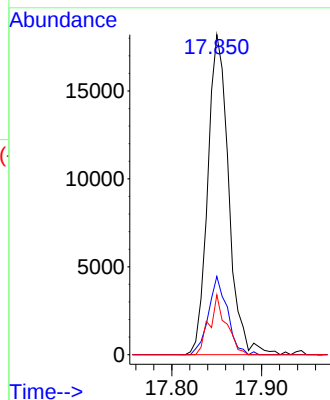
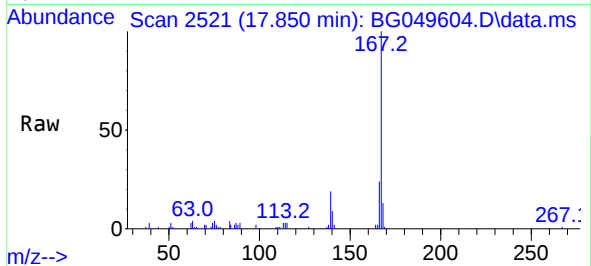
#73
 Carbazole
 Concen: 3.023 ng
 RT: 17.850 min Scan# 2521
 Delta R.T. -0.004 min
 Lab File: BG049604.D
 Acq: 2 Aug 2021 14:34

Tgt Ion:167	Resp:	29444
Ion Ratio	Lower	Upper
167	100	
166	24.4	17.4 26.2
139	18.7	10.7 16.1#

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

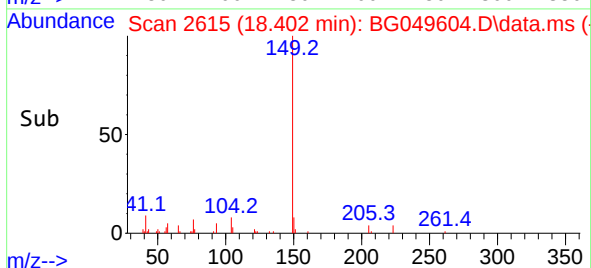
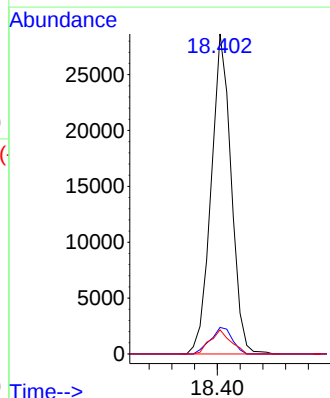
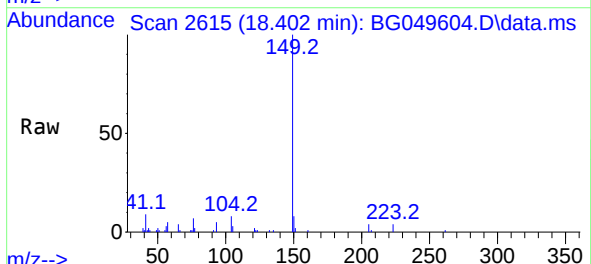
Manual Integrations
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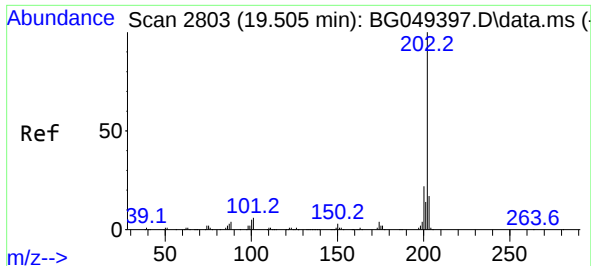
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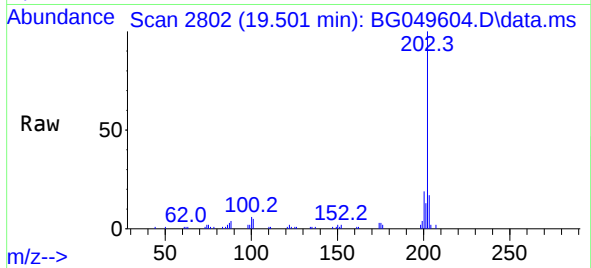
#74
 Di-n-butylphthalate
 Concen: 3.152 ng
 RT: 18.402 min Scan# 2615
 Delta R.T. -0.004 min
 Lab File: BG049604.D
 Acq: 2 Aug 2021 14:34

Tgt Ion:149	Resp:	35013
Ion Ratio	Lower	Upper
149	100	
150	8.3	7.5 11.3
104	7.5	6.6 10.0

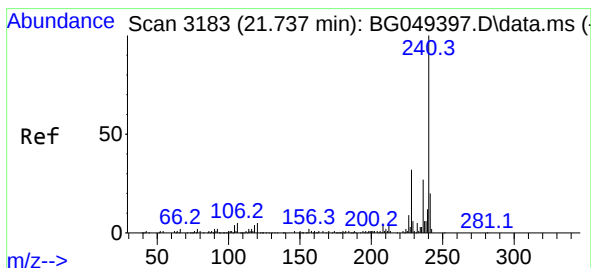
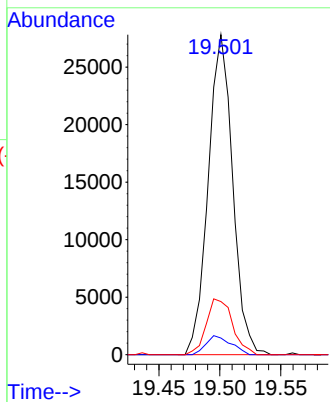
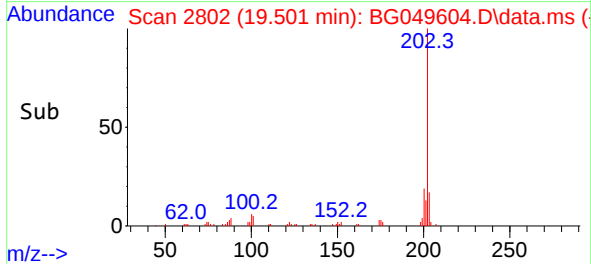




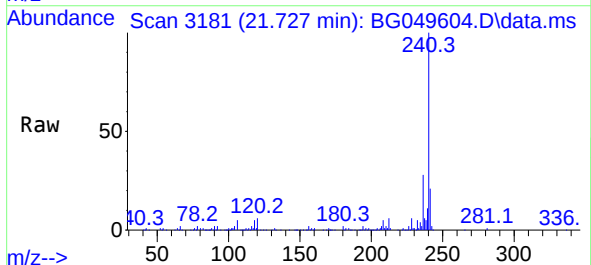
#75
Fluoranthene
Concen: 2.993 ng
RT: 19.501 min Scan# 2802
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



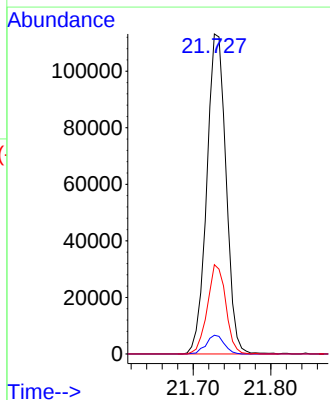
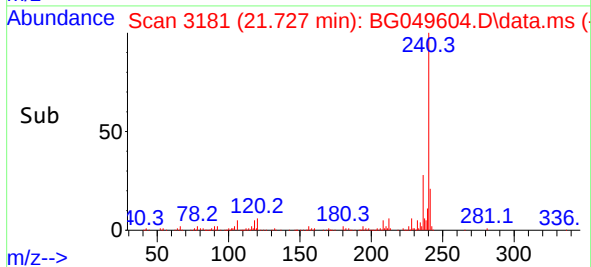
Tgt Ion:202 Resp: 38830
Ion Ratio Lower Upper
202 100
101 5.2 0.0 24.7
203 16.6 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3181
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



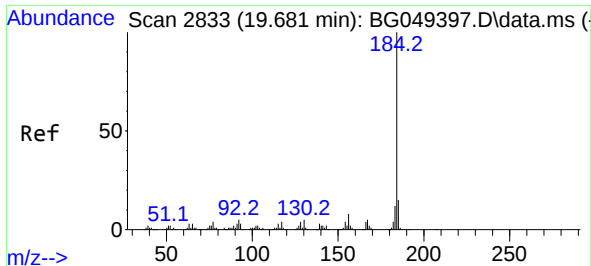
Tgt Ion:240 Resp: 195197
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 27.9 21.8 32.6



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

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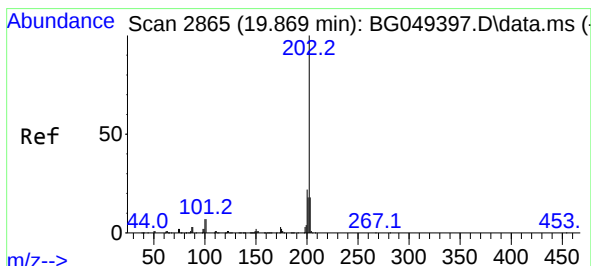
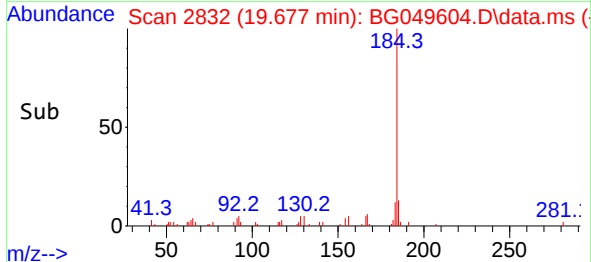
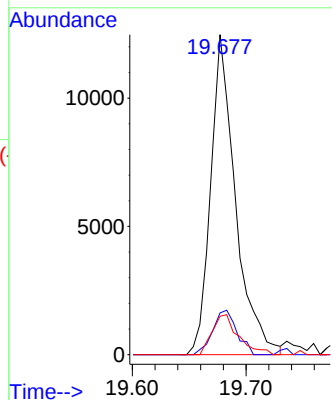
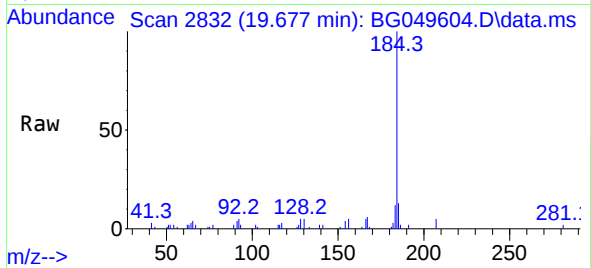
#77
Benzidine
Concen: 3.502 ng
RT: 19.677 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:184	Resp:	18917
Ion Ratio	Lower	Upper
184	100	
185	13.1	10.7 16.1
183	12.0	9.4 14.0

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

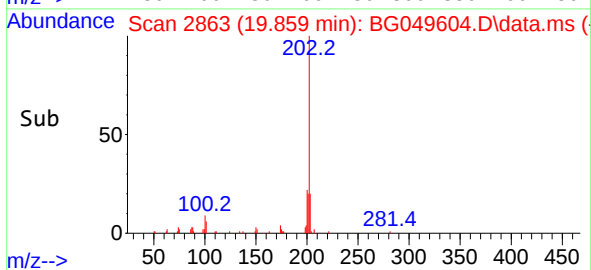
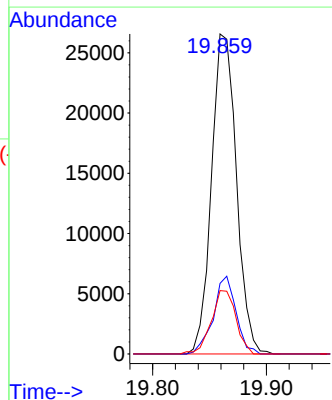
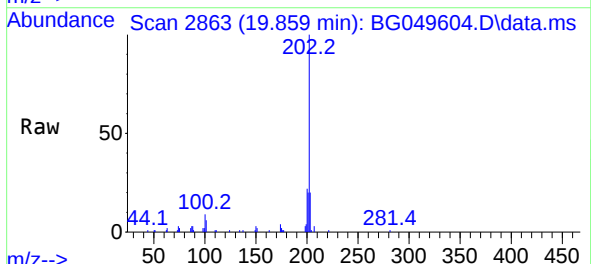
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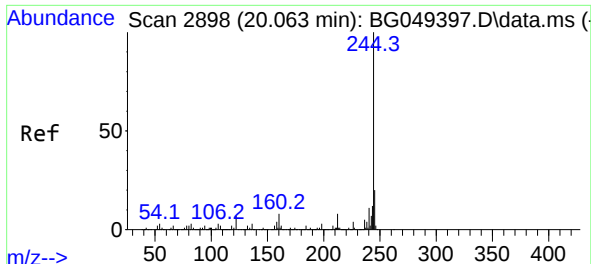
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#78
Pyrene
Concen: 3.155 ng
RT: 19.859 min Scan# 2863
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

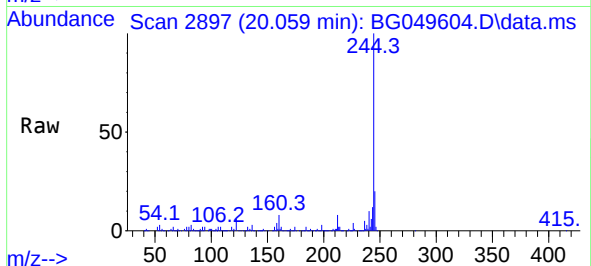
Tgt Ion:202	Resp:	40427
Ion Ratio	Lower	Upper
202	100	
200	22.1	15.8 23.8
203	19.8	14.6 21.8





#79
Terphenyl-d14
Concen: 52.168 ng
RT: 20.059 min Scan# 2897
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

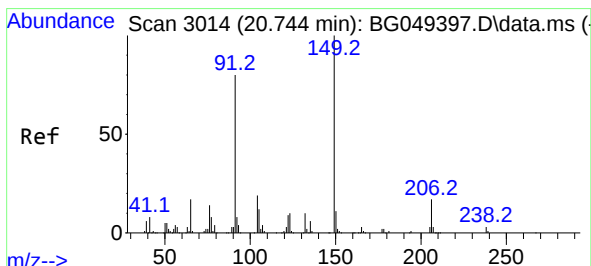
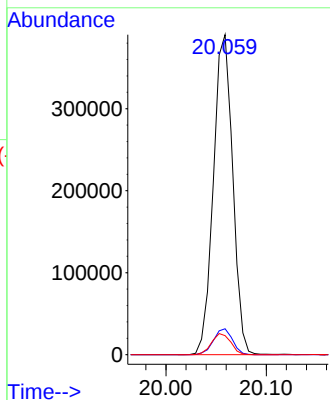
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



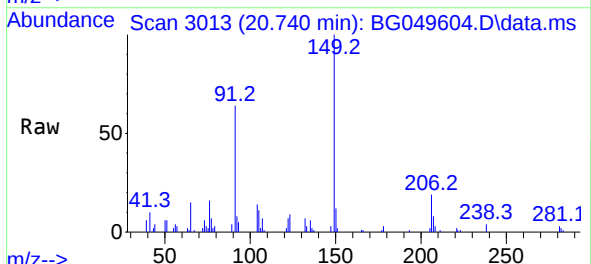
Tgt Ion:244 Resp: 521413
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.0 5.0 7.6

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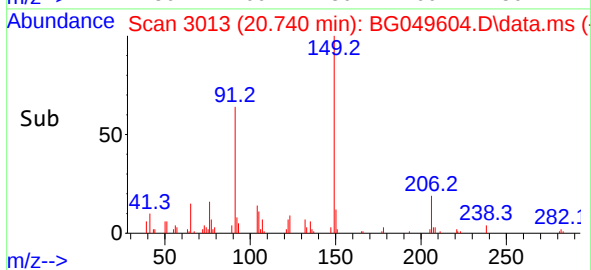
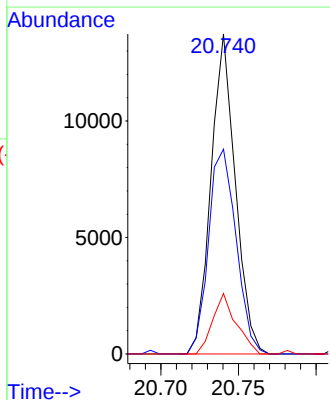
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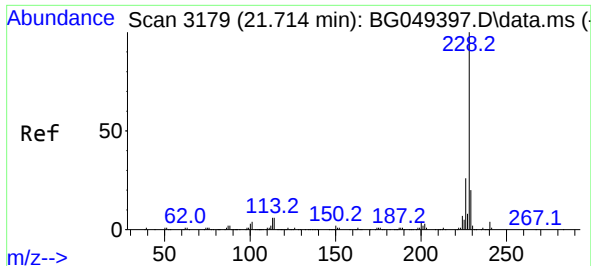


#80
Butylbenzylphthalate
Concen: 3.220 ng
RT: 20.740 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



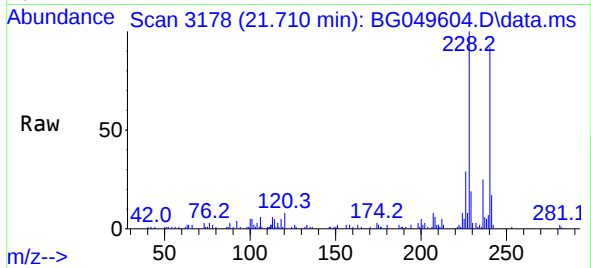
Tgt Ion:149 Resp: 14998
Ion Ratio Lower Upper
149 100
91 64.0 63.4 95.2
206 18.9 18.4 27.6





#81
Benzo(a)anthracene
Concen: 3.268 ng
RT: 21.710 min Scan# 3178
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

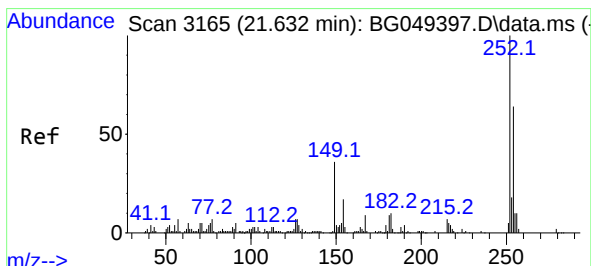
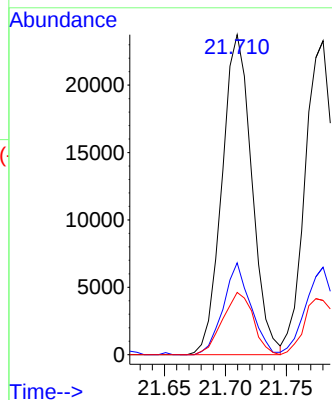
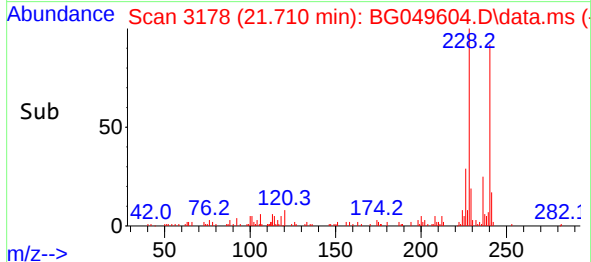
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



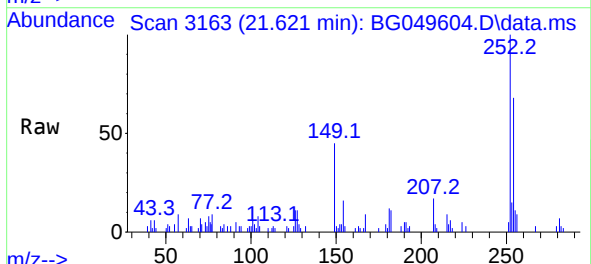
Tgt Ion:228 Resp: 40402
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 19.5 16.0 24.0

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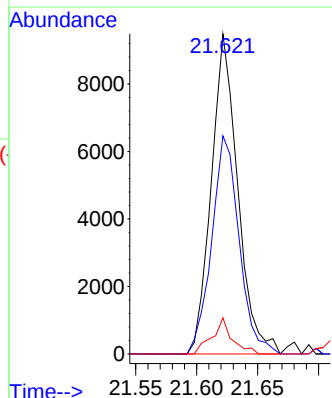
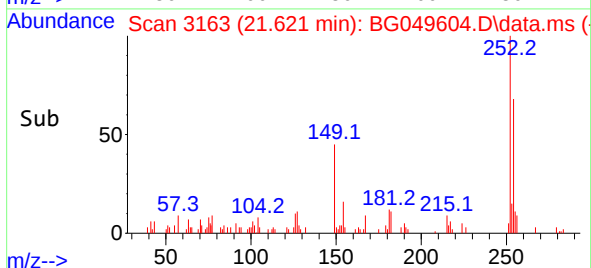
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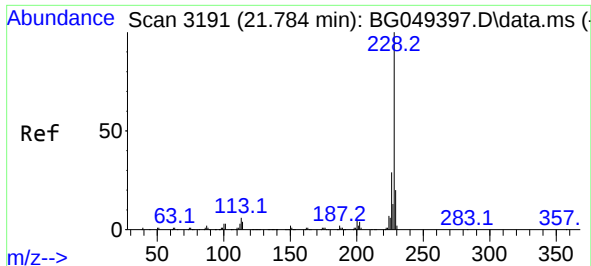


#82
3,3'-Dichlorobenzidine
Concen: 4.016 ng
RT: 21.621 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



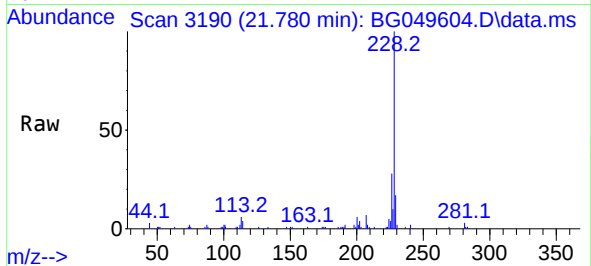
Tgt Ion:252 Resp: 14324
Ion Ratio Lower Upper
252 100
254 68.2 52.4 78.6
126 11.3 5.9 8.9#





#83
Chrysene
Concen: 3.203 ng
RT: 21.780 min Scan# 3190
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

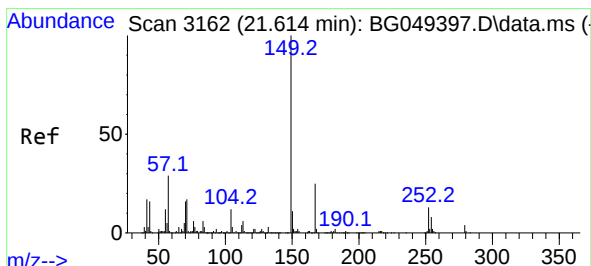
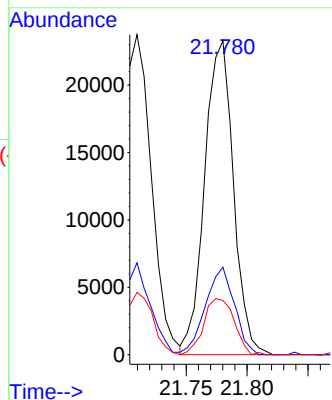
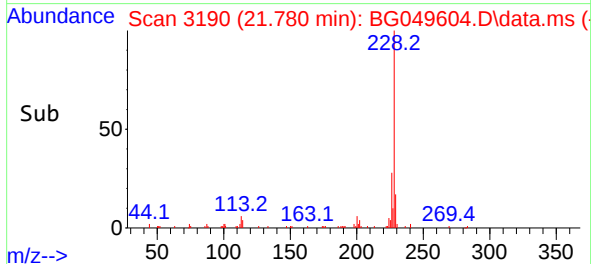
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



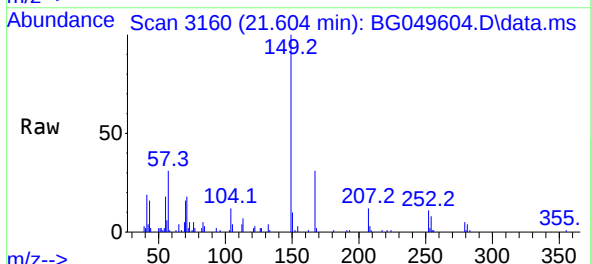
Tgt Ion:228 Resp: 38191
Ion Ratio Lower Upper
228 100
226 27.9 23.1 34.7
229 17.3 15.3 22.9

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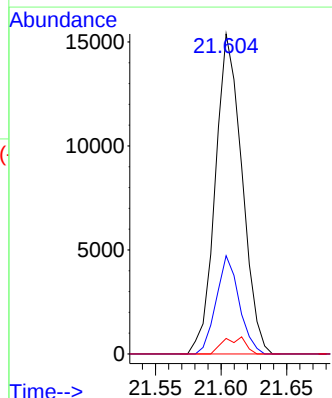
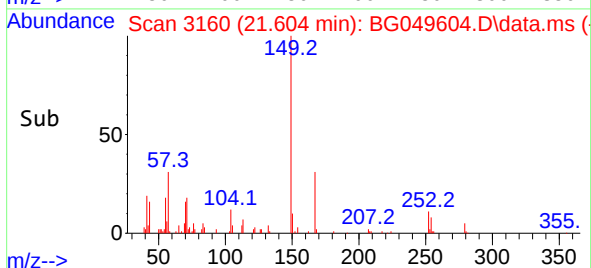
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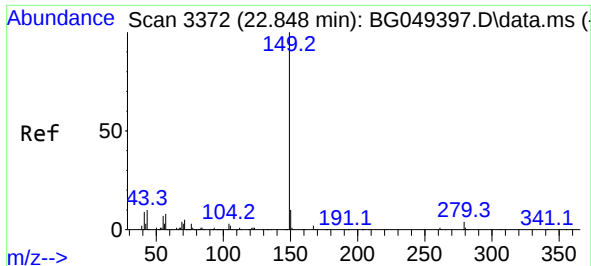


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.108 ng
RT: 21.604 min Scan# 3160
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

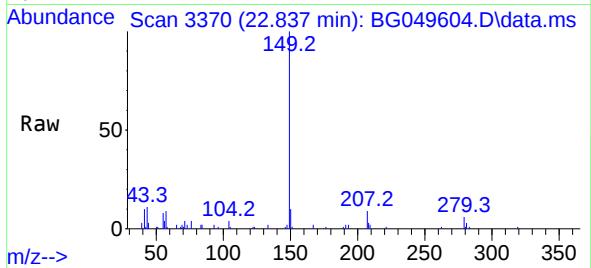


Tgt Ion:149 Resp: 21711
Ion Ratio Lower Upper
149 100
167 30.7 22.3 33.5
279 4.9 3.8 5.8

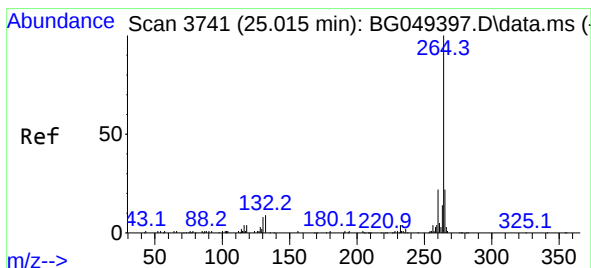
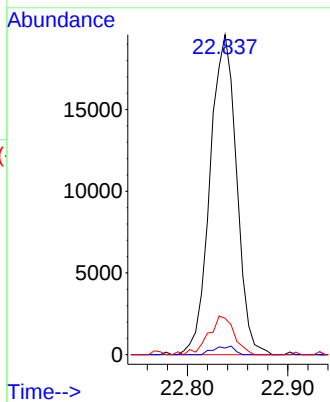
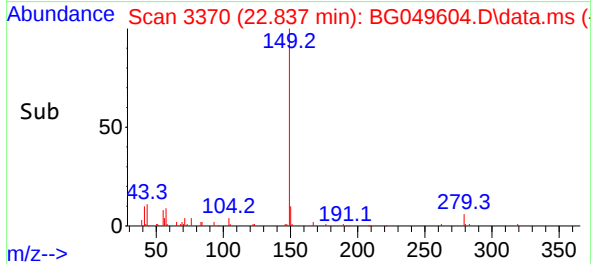




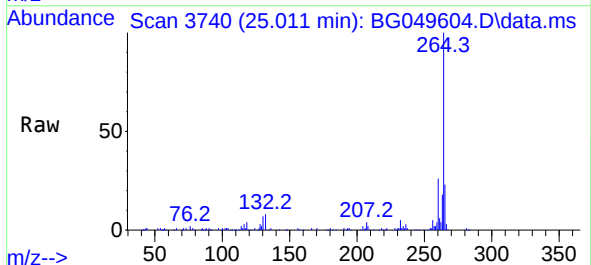
#85
Di-n-octyl phthalate
Concen: 2.974 ng
RT: 22.837 min Scan# 3370
Delta R.T. -0.010 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



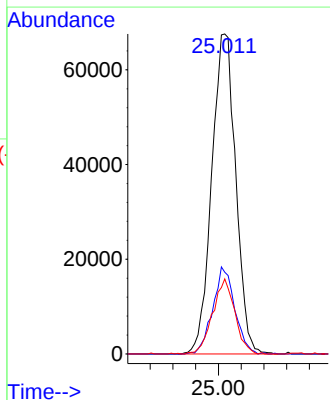
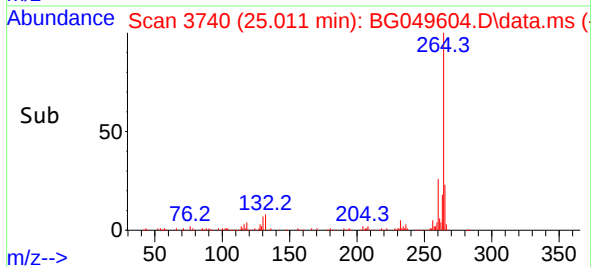
Tgt Ion:149 Resp: 35883
Ion Ratio Lower Upper
149 100
167 2.1 1.4 2.2
43 11.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 3740
Delta R.T. -0.004 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



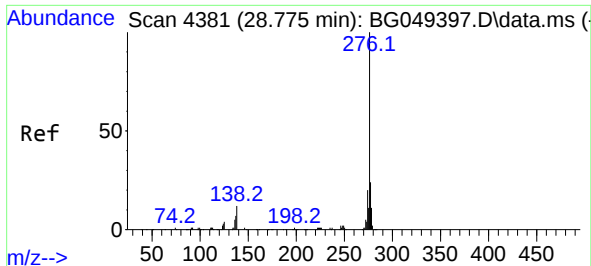
Tgt Ion:264 Resp: 197970
Ion Ratio Lower Upper
264 100
260 25.5 19.4 29.2
265 23.5 16.9 25.3



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

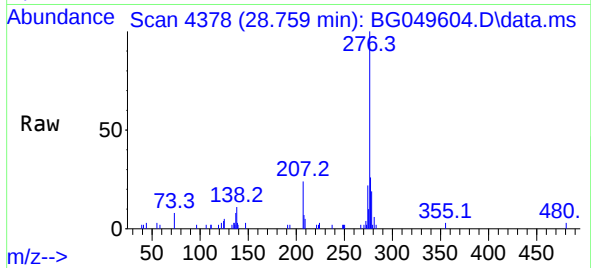
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.359 ng
RT: 28.759 min Scan# 4378
Delta R.T. -0.016 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

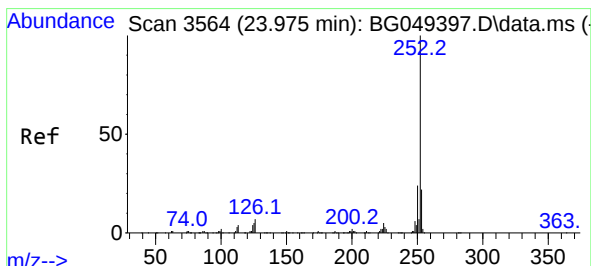
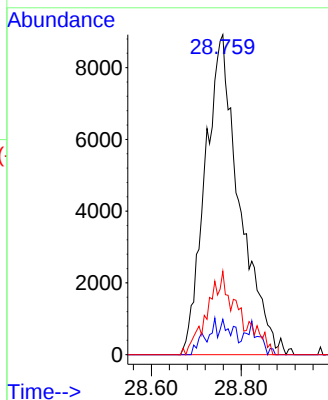
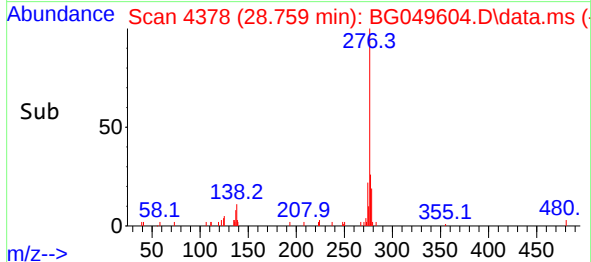
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



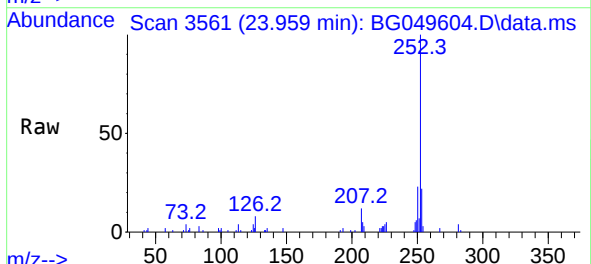
Tgt Ion:276 Resp: 47079
Ion Ratio Lower Upper
276 100
138 2.2 5.1 7.7#
277 15.6 19.8 29.6#

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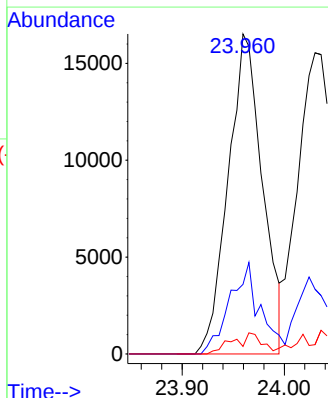
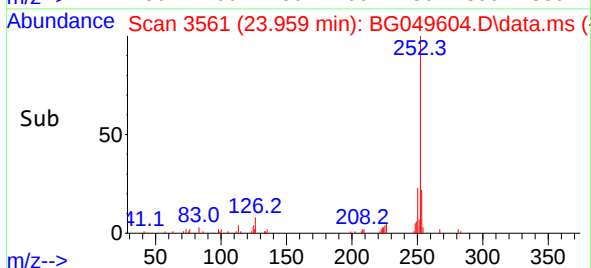
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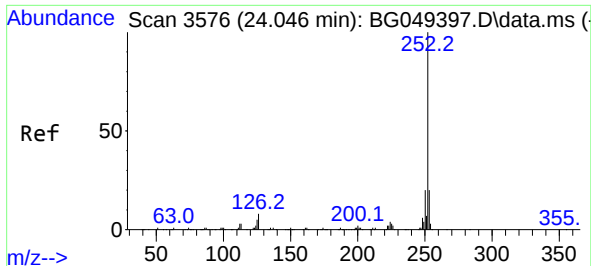


#88
Benzo(b)fluoranthene
Concen: 3.015 ng m
RT: 23.959 min Scan# 3561
Delta R.T. -0.016 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



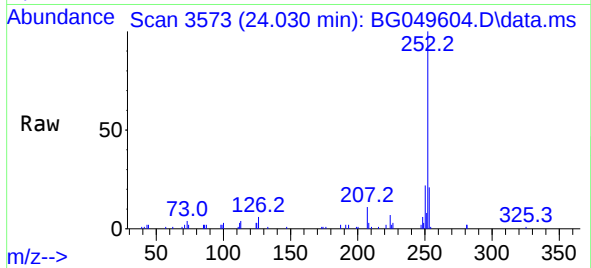
Tgt Ion:252 Resp: 38463
Ion Ratio Lower Upper
252 100
253 21.8 16.2 24.4
125 2.4 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 3.402 ng
RT: 24.030 min Scan# 3573
Delta R.T. -0.016 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

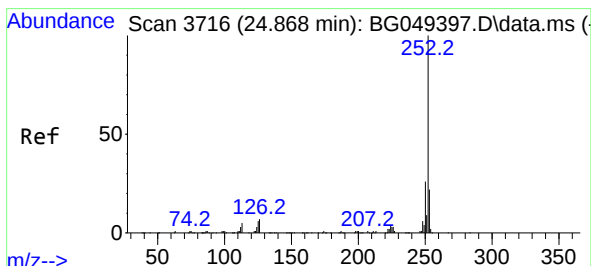
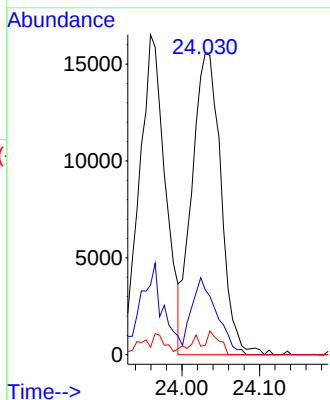
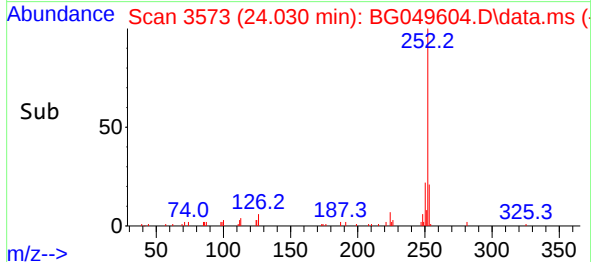
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



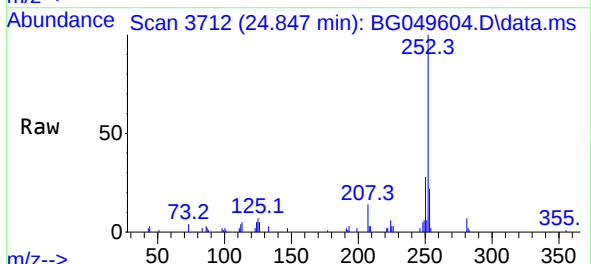
Tgt Ion:252 Resp: 40370
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 3.1 3.1 4.7#

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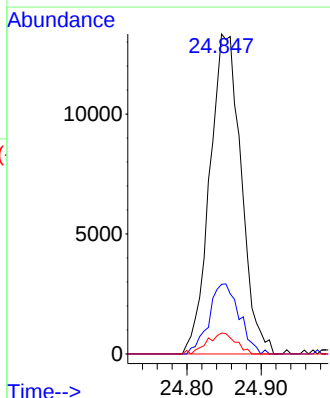
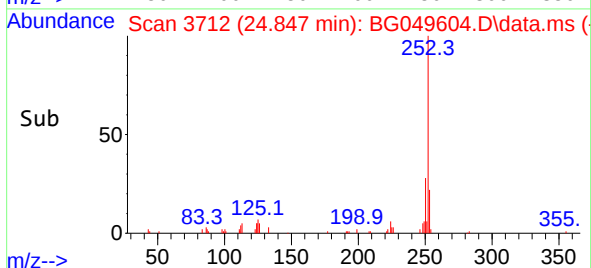
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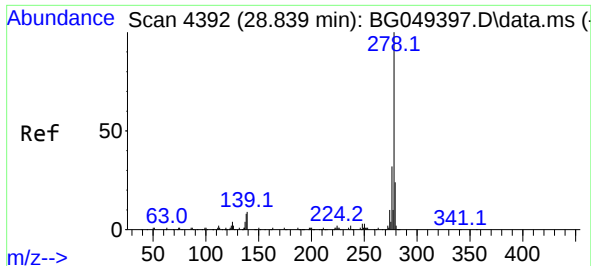


#90
Benzo(a)pyrene
Concen: 3.381 ng
RT: 24.847 min Scan# 3712
Delta R.T. -0.022 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34



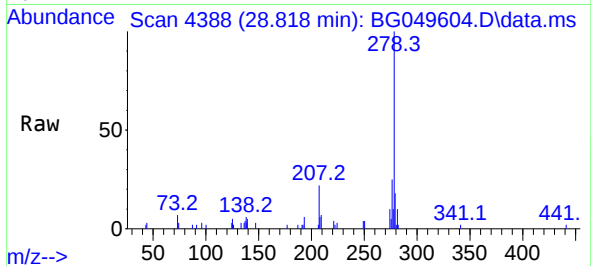
Tgt Ion:252 Resp: 39089
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 6.6 3.5 5.3#





#91
Dibenzo(a,h)anthracene
Concen: 3.326 ng
RT: 28.818 min Scan# 4388
Delta R.T. -0.022 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

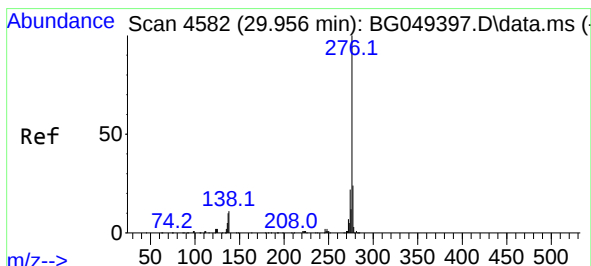
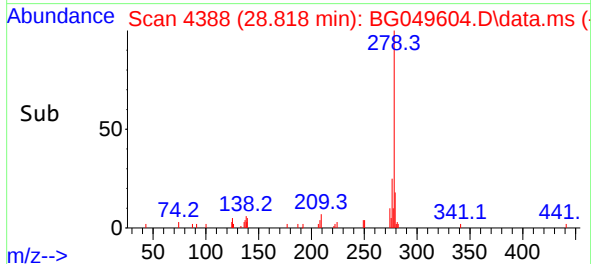
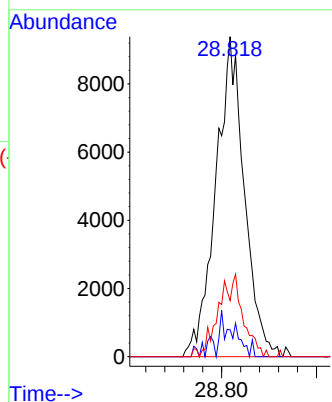
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:278 Resp: 39147
Ion Ratio Lower Upper
278 100
139 8.4 4.6 6.8#
279 17.5 17.9 26.9#

Manual Integrations
APPROVED

mohammad
8/3/2021 11:49:39 AM



#92
Benzo(g,h,i)perylene
Concen: 3.245 ng
RT: 29.922 min Scan# 4576
Delta R.T. -0.034 min
Lab File: BG049604.D
Acq: 2 Aug 2021 14:34

Tgt Ion:276 Resp: 37787
Ion Ratio Lower Upper
276 100
277 21.2 18.4 27.6
138 9.4 7.0 10.6

