

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080221\
 Data File : BG049606.D
 Acq On : 2 Aug 2021 17:19
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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 8/3/2021 11:49:44 AM

Quant Time: Aug 02 17:59:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 14:56:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	24629	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	100527	20.000	ng	# 0.00
39) Acenaphthene-d10	14.699	164	73371	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	162823	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	158127	20.000	ng	0.00
86) Perylene-d12	25.008	264	162101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	175421	120.842	ng	-0.01
7) Phenol-d6	7.203	99	254764	120.504	ng	0.00
23) Nitrobenzene-d5	9.218	82	175936	78.414	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	129258	131.551	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	390190	76.523	ng	0.00
79) Terphenyl-d14	20.056	244	662048	81.767	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.461	88	3375	5.132	ng	# 92
3) Pyridine	3.896	79	7000m	4.177	ng	
4) n-Nitrosodimethylamine	3.802	42	3887m	4.723	ng	
6) Aniline	7.368	93	11918	5.212	ng	97
8) 2-Chlorophenol	7.608	128	6456	4.337	ng	85
9) Benzaldehyde	7.180	77	7411	5.277	ng	99
10) Phenol	7.227	94	9824	4.878	ng	82
11) bis(2-Chloroethyl)ether	7.462	93	6616	4.796	ng	99
12) 1,3-Dichlorobenzene	7.937	146	8411	4.779	ng	96
13) 1,4-Dichlorobenzene	8.084	146	8446	4.819	ng	95
14) 1,2-Dichlorobenzene	8.407	146	8369	4.943	ng	93
15) Benzyl Alcohol	8.290	79	7766	4.494	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.578	45	7928	4.920	ng	88
17) 2-Methylphenol	8.495	107	6614	4.933	ng	# 88
18) Hexachloroethane	9.142	117	3338	4.900	ng	91
19) n-Nitroso-di-n-propyla...	8.848	70	6407	4.612	ng	# 79
20) 3+4-Methylphenols	8.824	107	8684	4.726	ng	96
22) Acetophenone	8.871	105	14013	5.205	ng	# 94
24) Nitrobenzene	9.259	77	11884	5.043	ng	92
25) Isophorone	9.782	82	18594	4.677	ng	# 91
26) 2-Nitrophenol	9.982	139	4282	5.006	ng	# 79
27) 2,4-Dimethylphenol	10.029	122	7014	5.129	ng	96
28) bis(2-Chloroethoxy)met...	10.264	93	9249	5.215	ng	# 86
29) 2,4-Dichlorophenol	10.528	162	7419	4.679	ng	92
30) 1,2,4-Trichlorobenzene	10.728	180	8859	4.947	ng	# 78
31) Naphthalene	10.922	128	25213	4.756	ng	# 95
32) Benzoic acid	10.158	122	541	0.602	ng	# 58
33) 4-Chloroaniline	11.027	127	9441	4.666	ng	97
34) Hexachlorobutadiene	11.204	225	6211	4.840	ng	98
35) Caprolactam	11.785	113	2243	4.555	ng	# 87
36) 4-Chloro-3-methylphenol	12.149	107	8549	4.571	ng	# 85
37) 2-Methylnaphthalene	12.525	142	18802	4.859	ng	93
38) 1-Methylnaphthalene	12.743	142	17916	4.843	ng	99
40) 1,2,4,5-Tetrachloroben...	12.889	216	9468	4.364	ng	95
41) Hexachlorocyclopentadiene	12.872	237	3421	3.532	ng	89
43) 2,4,6-Trichlorophenol	13.136	196	5665m	4.003	ng	

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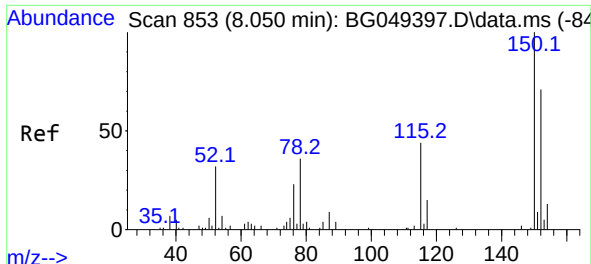
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.213	196	6258	4.088	ng	91
46) 1,1'-Biphenyl	13.530	154	26152	4.862	ng	95
47) 2-Chloronaphthalene	13.571	162	19219	4.652	ng	94
48) 2-Nitroaniline	13.777	65	6537	4.547	ng	91
49) Acenaphthylene	14.423	152	30314	4.525	ng	# 89
50) Dimethylphthalate	14.141	163	25840	4.848	ng	# 99
51) 2,6-Dinitrotoluene	14.270	165	5345	4.619	ng	# 73
52) Acenaphthene	14.763	154	18046	4.463	ng	95
53) 3-Nitroaniline	14.599	138	5208	4.488	ng	94
54) 2,4-Dinitrophenol	14.816	184	1104	2.267	ng	# 72
55) Dibenzofuran	15.092	168	28192	4.345	ng	93
56) 4-Nitrophenol	14.922	139	2974m	3.249	ng	
57) 2,4-Dinitrotoluene	15.057	165	6741	4.215	ng	# 94
58) Fluorene	15.744	166	24161	4.596	ng	# 91
59) 2,3,4,6-Tetrachlorophenol	15.322	232	6460	4.616	ng	97
60) Diethylphthalate	15.504	149	25370	4.738	ng	# 92
61) 4-Chlorophenyl-phenyle...	15.739	204	12160	4.547	ng	98
62) 4-Nitroaniline	15.762	138	4786	3.919	ng	91
63) Azobenzene	16.026	77	25427	4.289	ng	85
65) 4,6-Dinitro-2-methylph...	15.833	198	2711	3.073	ng	94
66) n-Nitrosodiphenylamine	15.944	169	20327	4.346	ng	91
67) 4-Bromophenyl-phenylether	16.631	248	7632	4.138	ng	# 75
68) Hexachlorobenzene	16.755	284	9154	4.383	ng	94
69) Atrazine	16.890	200	9071	4.895	ng	95
70) Pentachlorophenol	17.101	266	3253	3.466	ng	# 72
71) Phenanthrene	17.489	178	37948	4.336	ng	93
72) Anthracene	17.583	178	40240	4.678	ng	98
73) Carbazole	17.853	167	34777	4.250	ng	# 97
74) Di-n-butylphthalate	18.400	149	41772	4.477	ng	97
75) Fluoranthene	19.498	202	48197	4.423	ng	96
77) Benzidine	19.680	184	22895	5.231	ng	97
78) Pyrene	19.862	202	46658	4.495	ng	95
80) Butylbenzylphthalate	20.738	149	16646	4.411	ng	94
81) Benzo(a)anthracene	21.707	228	45730	4.566	ng	93
82) 3,3'-Dichlorobenzidine	21.619	252	16557	5.730	ng	# 96
83) Chrysene	21.772	228	43225	4.475	ng	98
84) Bis(2-ethylhexyl)phtha...	21.607	149	25130	4.441	ng	94
85) Di-n-octyl phthalate	22.829	149	42612	4.359	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.744	276	52090	4.539	ng	# 80
88) Benzo(b)fluoranthene	23.957	252	44500	4.260	ng	98
89) Benzo(k)fluoranthene	24.027	252	44008	4.530	ng	98
90) Benzo(a)pyrene	24.844	252	44129	4.661	ng	95
91) Dibenzo(a,h)anthracene	28.809	278	43778	4.543	ng	# 93
92) Benzo(g,h,i)perylene	29.919	276	43102	4.520	ng	96

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



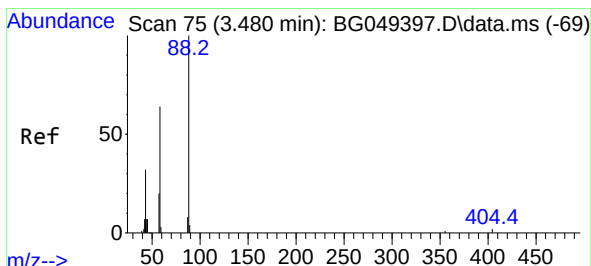
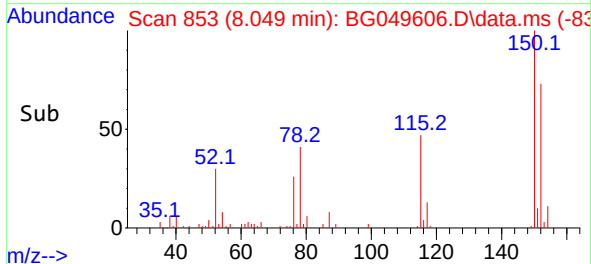
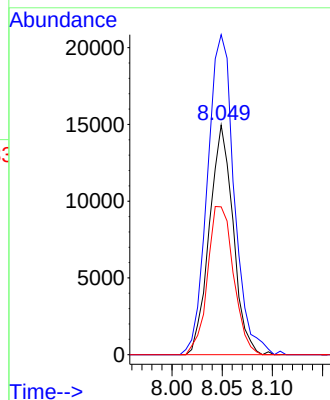
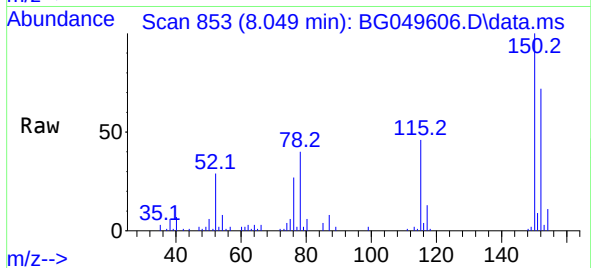
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.049 min Scan# 853
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:152 Resp: 24629
Ion Ratio Lower Upper
152 100
150 139.4 119.4 179.0
115 64.4 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

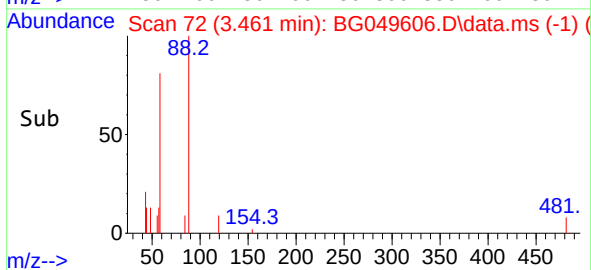
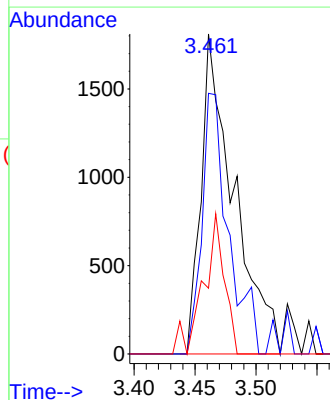
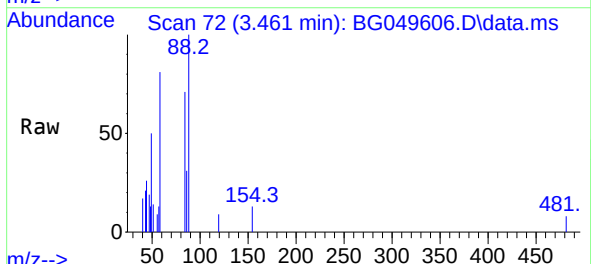
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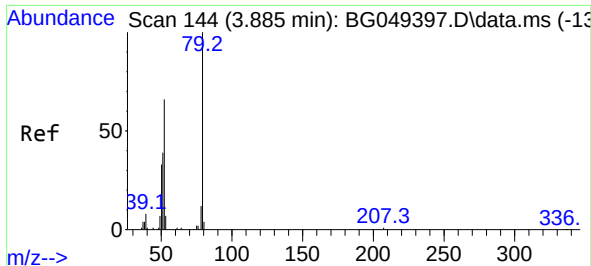
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#2
1,4-Dioxane
Concen: 5.132 ng
RT: 3.461 min Scan# 72
Delta R.T. -0.019 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 88 Resp: 3375
Ion Ratio Lower Upper
88 100
58 65.5 55.7 83.5
43 28.1 29.3 43.9#





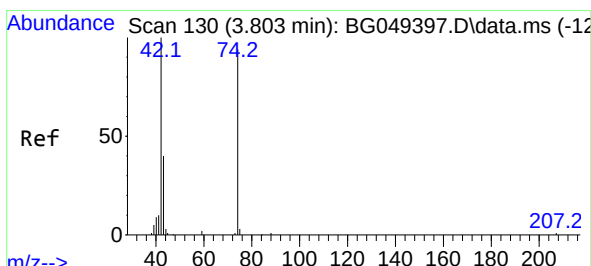
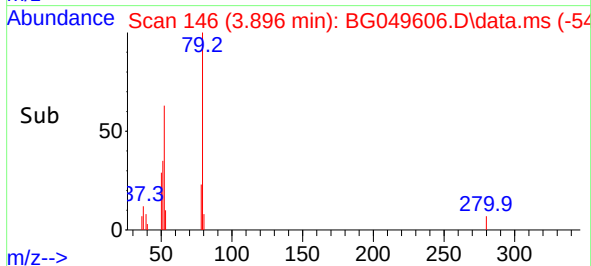
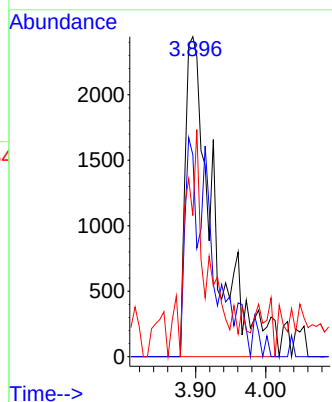
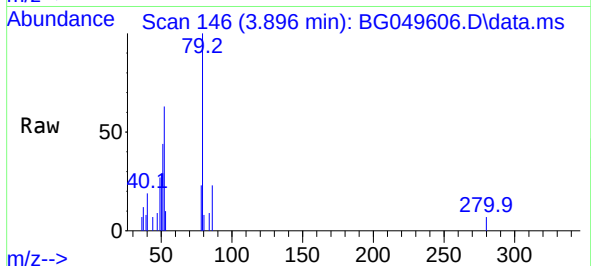
#3
Pyridine
Concen: 4.177 ng m
RT: 3.896 min Scan# 146
Delta R.T. 0.011 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 79 Resp: 7000
Ion Ratio Lower Upper
79 100
52 63.1 58.4 87.6
51 44.1 37.0 55.6

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

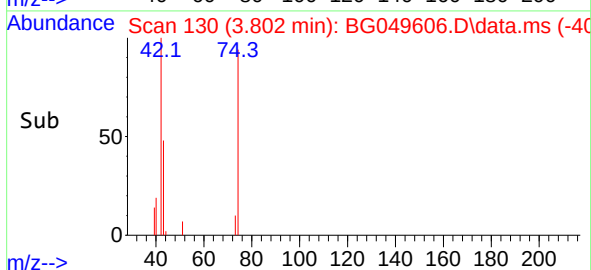
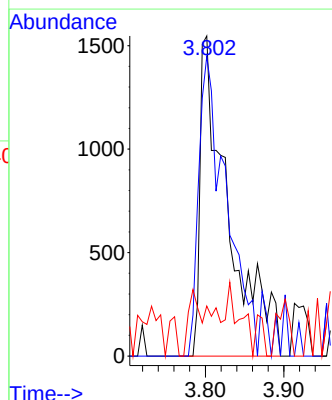
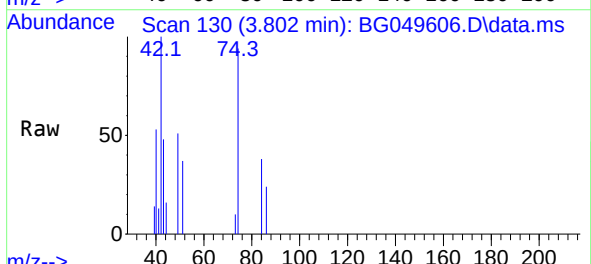
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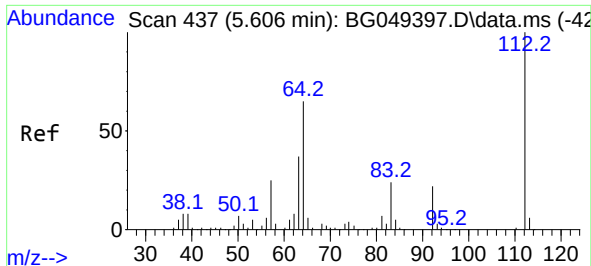
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#4
n-Nitrosodimethylamine
Concen: 4.723 ng m
RT: 3.802 min Scan# 130
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 42 Resp: 3887
Ion Ratio Lower Upper
42 100
74 93.6 64.0 96.0
44 15.6 2.7 4.1#





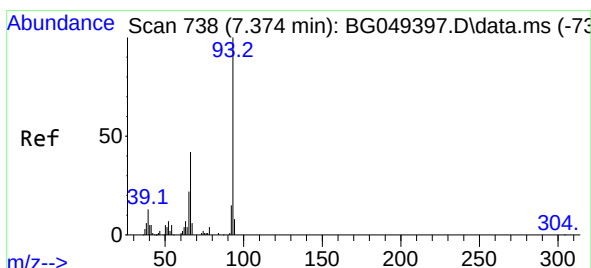
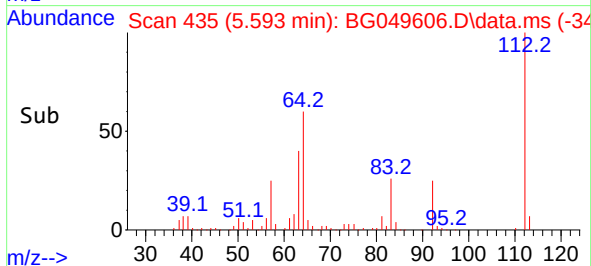
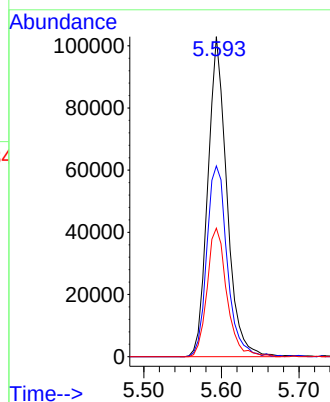
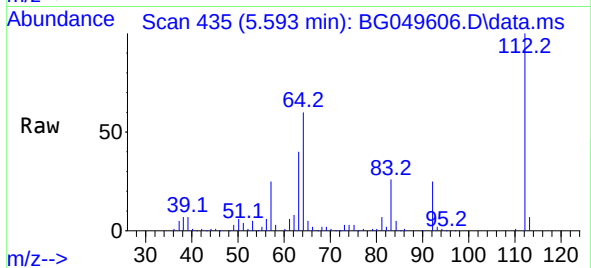
#5
2-Fluorophenol
Concen: 120.842 ng
RT: 5.593 min Scan# 435
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 112 Resp: 175421
Ion Ratio Lower Upper
112 100
64 59.6 46.7 70.1
63 40.2 35.3 52.9

Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT2-2021

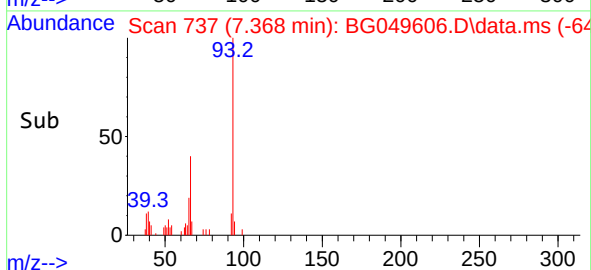
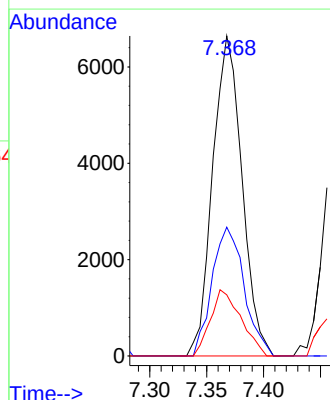
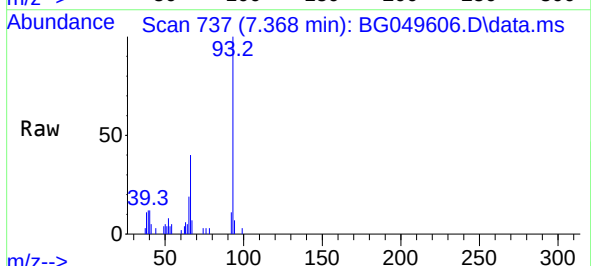
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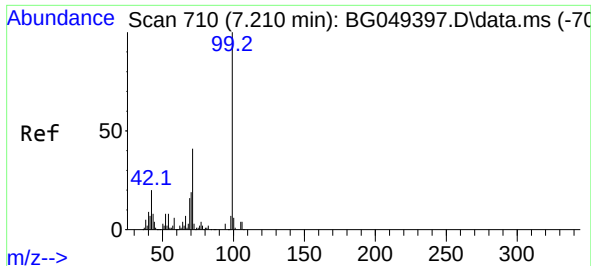
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#6
Aniline
Concen: 5.212 ng
RT: 7.368 min Scan# 737
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 93 Resp: 11918
Ion Ratio Lower Upper
93 100
66 40.3 30.6 45.8
65 19.1 15.0 22.4





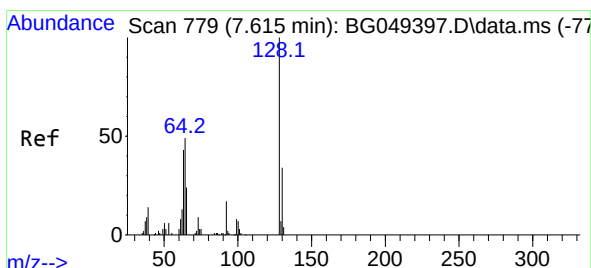
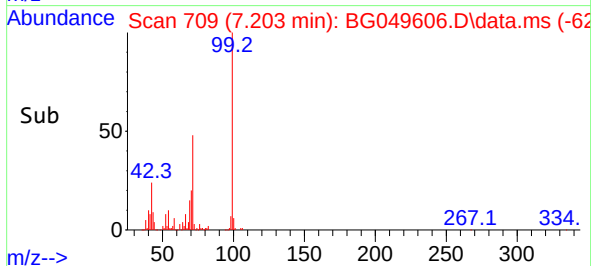
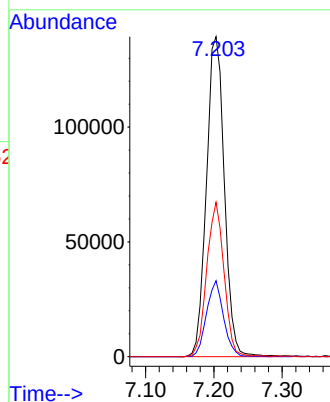
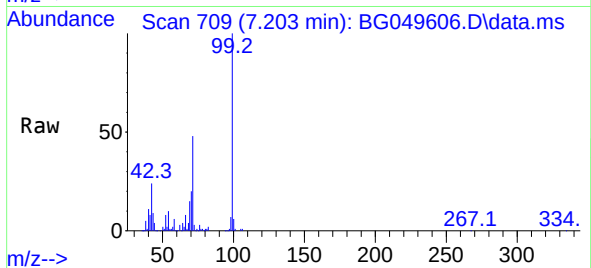
#7
Phenol-d6
Concen: 120.504 ng
RT: 7.203 min Scan# 709
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:	99	Resp:	254764
Ion	Ratio	Lower	Upper
99	100		
42	23.7	20.5	30.7
71	48.3	41.5	62.3

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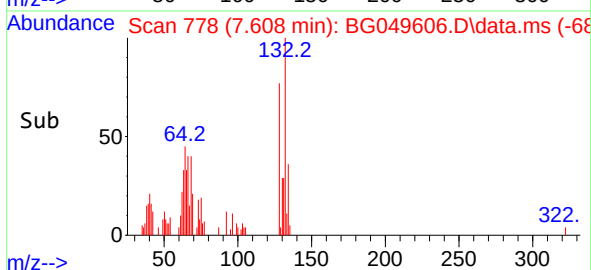
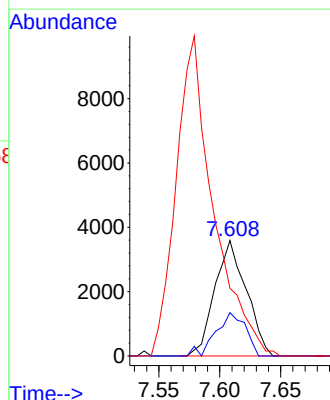
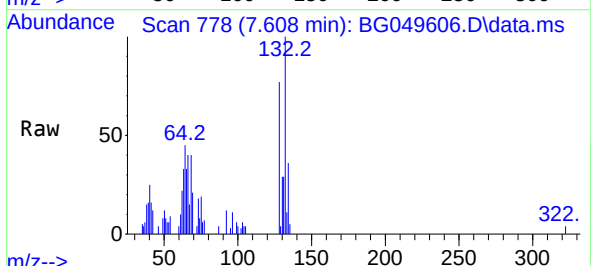
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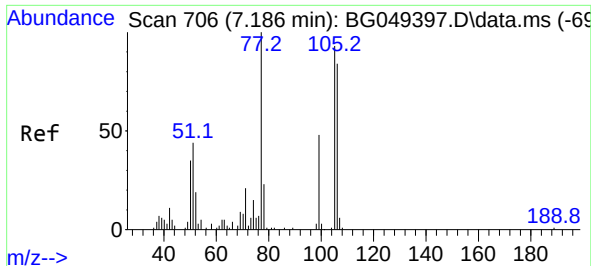
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#8
2-Chlorophenol
Concen: 4.337 ng
RT: 7.608 min Scan# 778
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

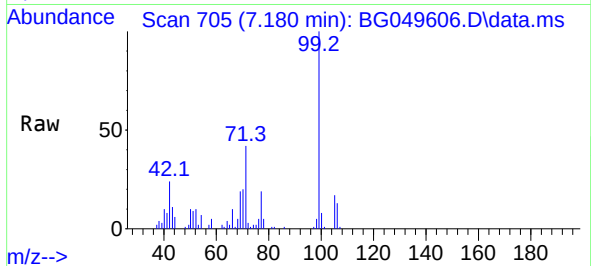
Tgt Ion:	128	Resp:	6456
Ion	Ratio	Lower	Upper
128	100		
130	37.6	10.0	50.0
64	58.6	28.1	68.1





#9
Benzaldehyde
Concen: 5.277 ng
RT: 7.180 min Scan# 705
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

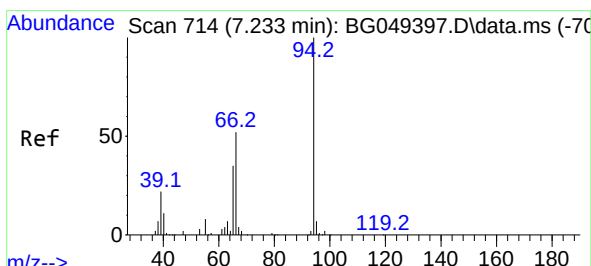
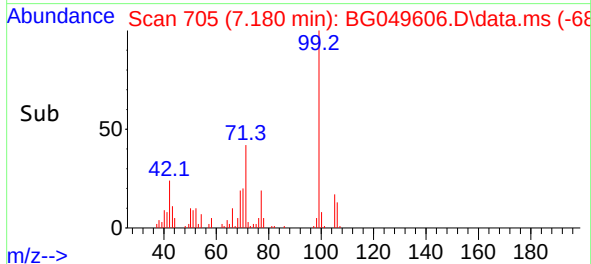
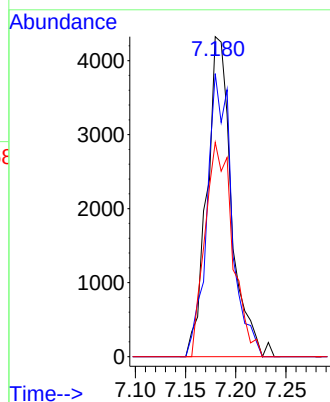
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion: 77 Resp: 7411
Ion Ratio Lower Upper
77 100
105 88.5 68.8 108.8
106 66.9 47.9 87.9

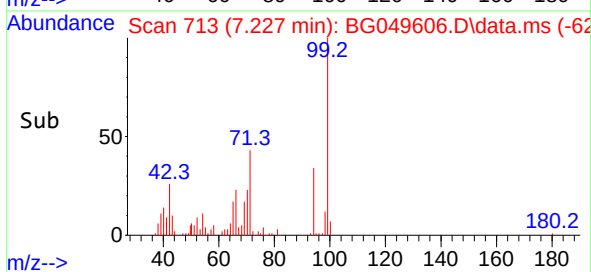
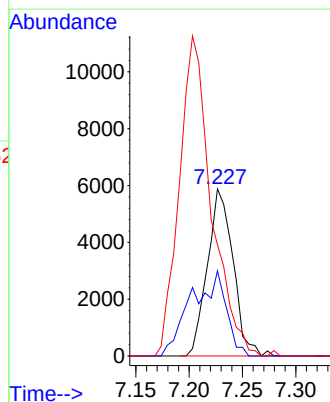
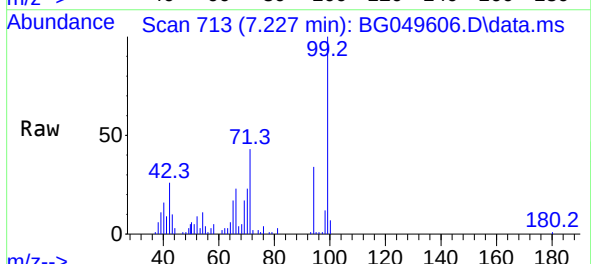
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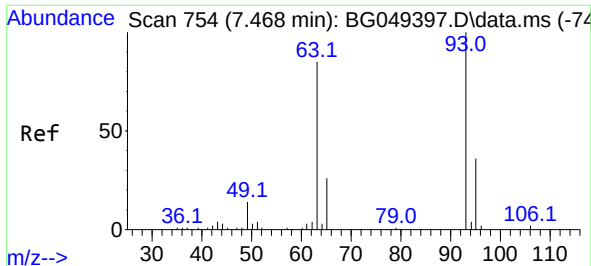
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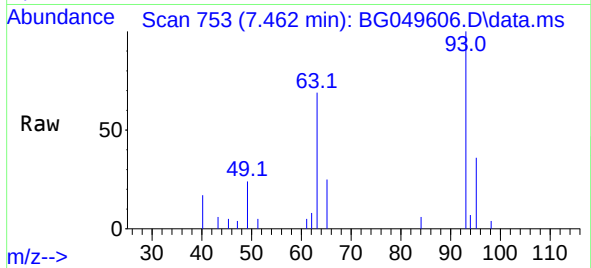
#10
Phenol
Concen: 4.878 ng
RT: 7.227 min Scan# 713
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 94 Resp: 9824
Ion Ratio Lower Upper
94 100
65 51.0 12.9 52.9
66 66.6 39.4 79.4

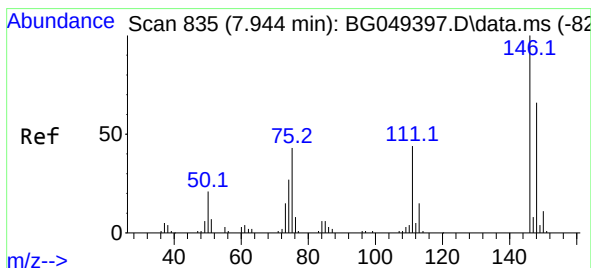
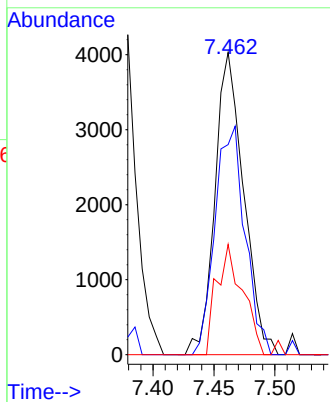
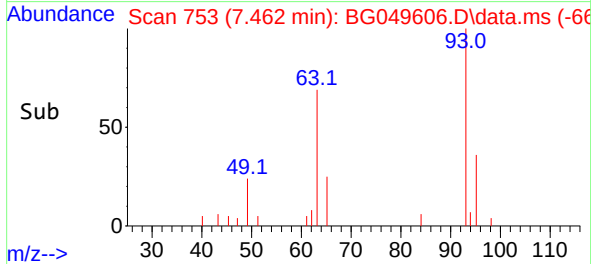




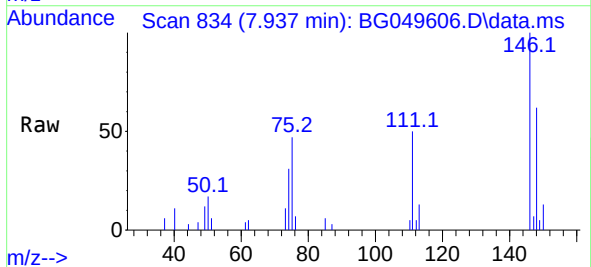
#11
bis(2-Chloroethyl)ether
Concen: 4.796 ng
RT: 7.462 min Scan# 753
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



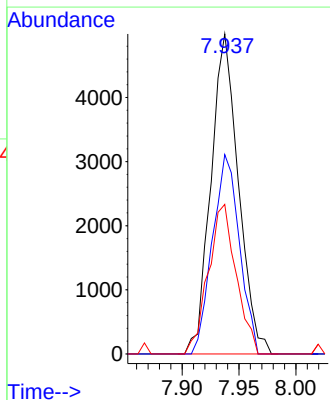
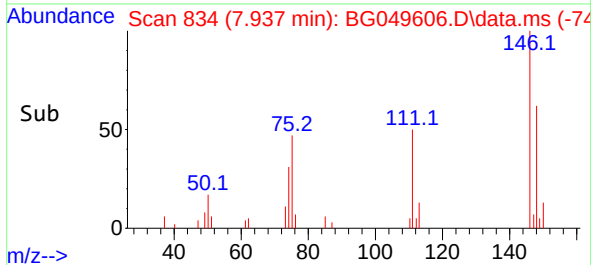
Tgt Ion: 93 Resp: 6616
Ion Ratio Lower Upper
93 100
63 69.5 50.4 90.4
95 36.5 15.3 55.3



#12
1,3-Dichlorobenzene
Concen: 4.779 ng
RT: 7.937 min Scan# 834
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



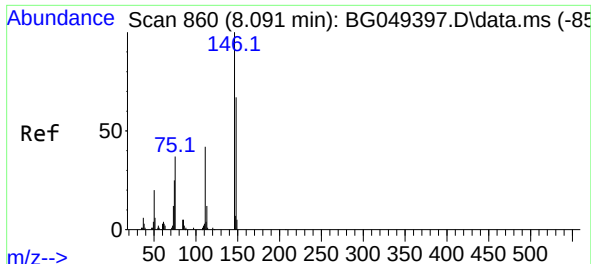
Tgt Ion: 146 Resp: 8411
Ion Ratio Lower Upper
146 100
148 62.3 52.6 78.8
75 46.8 35.7 53.5



Instrument :
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ClientSampleId :
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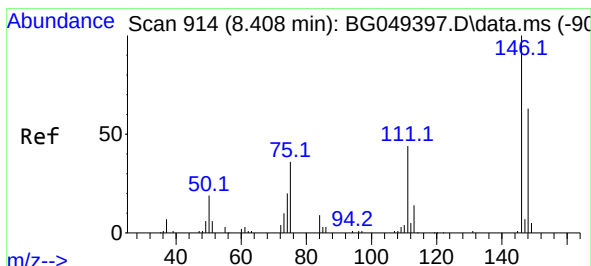
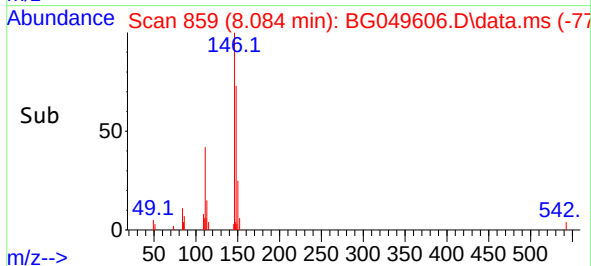
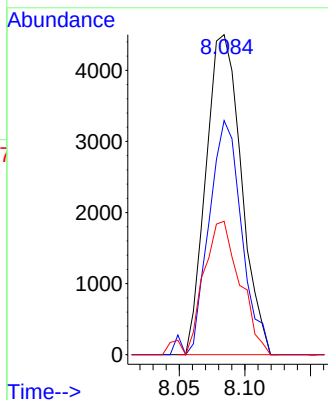
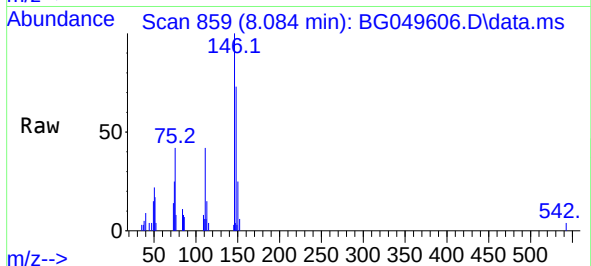
#13
1,4-Dichlorobenzene
Concen: 4.819 ng
RT: 8.084 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:	146	Resp:	8446
Ion Ratio	Lower	Upper	
146	100		
148	73.2	54.0	81.0
111	41.7	34.3	51.5

Instrument :
BNA_G
ClientSampleId :
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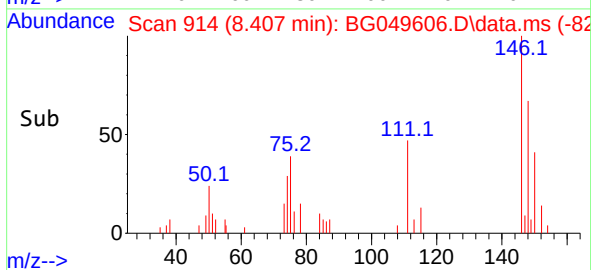
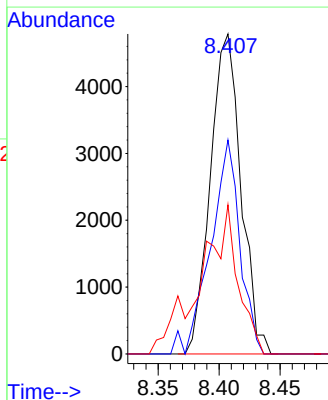
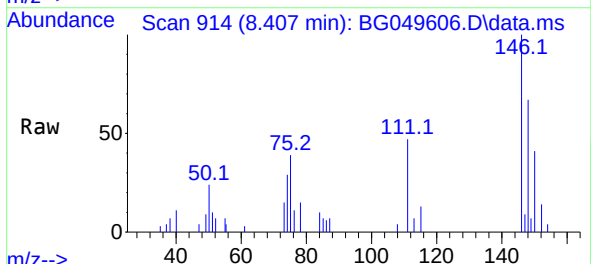
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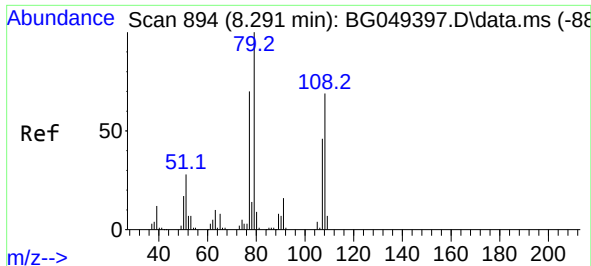
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#14
1,2-Dichlorobenzene
Concen: 4.943 ng
RT: 8.407 min Scan# 914
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

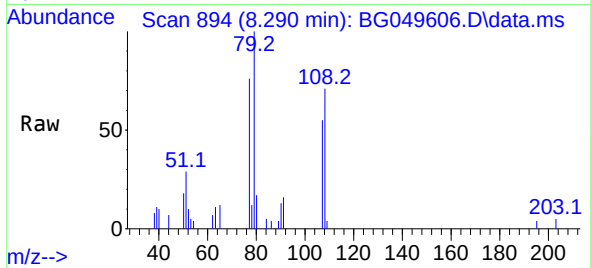
Tgt Ion:	146	Resp:	8369
Ion Ratio	Lower	Upper	
146	100		
148	66.8	47.5	71.3
111	46.6	39.1	58.7





#15
Benzyl Alcohol
Concen: 4.494 ng
RT: 8.290 min Scan# 894
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

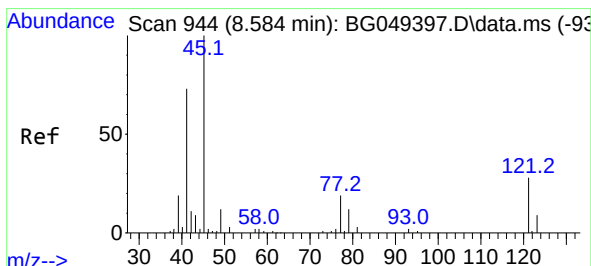
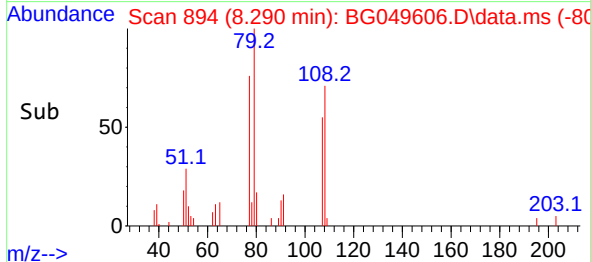
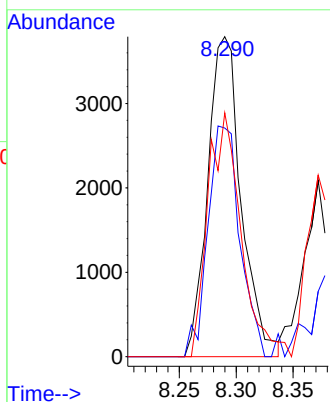
Instrument :
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ClientSampleId :
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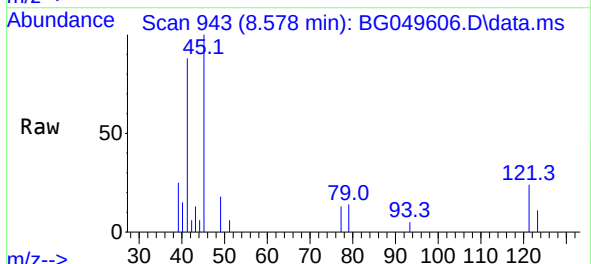
Tgt Ion:	79	Resp:	7766
Ion	Ratio	Lower	Upper
79	100		
108	71.4	48.2	72.4
77	76.2	57.3	85.9

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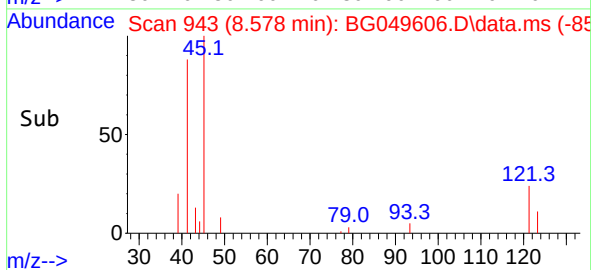
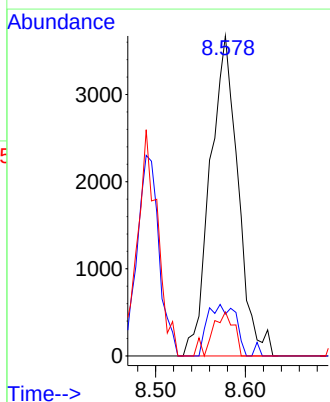
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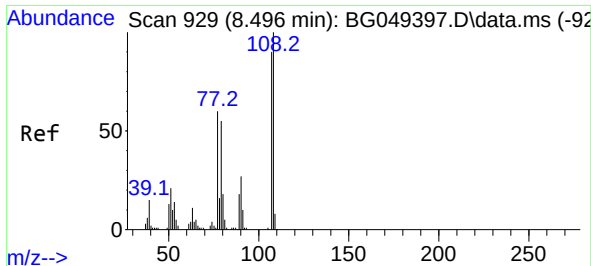


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.920 ng
RT: 8.578 min Scan# 943
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



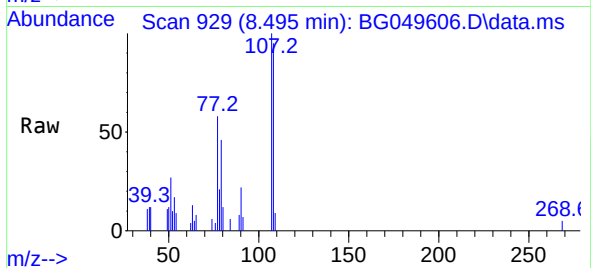
Tgt Ion:	45	Resp:	7928
Ion	Ratio	Lower	Upper
45	100		
77	13.1	2.2	42.2
79	13.8	0.0	34.3





#17
2-Methylphenol
Concen: 4.933 ng
RT: 8.495 min Scan# 929
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

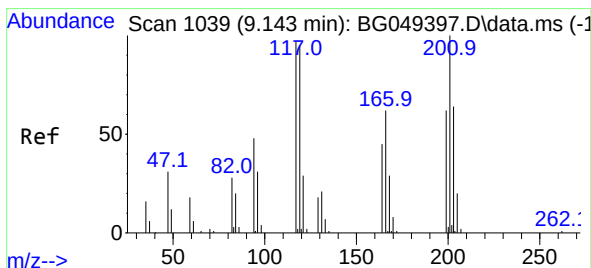
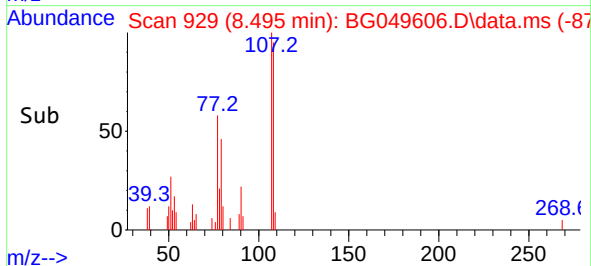
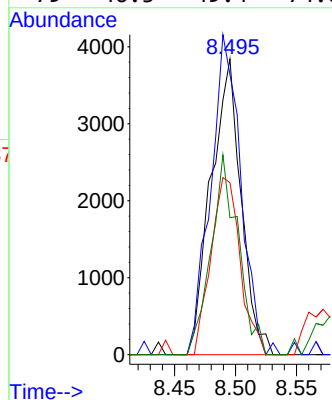
Instrument :
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ClientSampleId :
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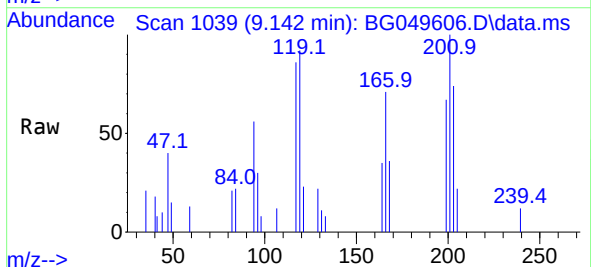
Tgt Ion:	107	Resp:	6614
Ion	Ratio	Lower	Upper
107	100		
108	94.7	84.6	127.0
77	58.2	50.7	76.1
79	46.3	49.4	74.0#

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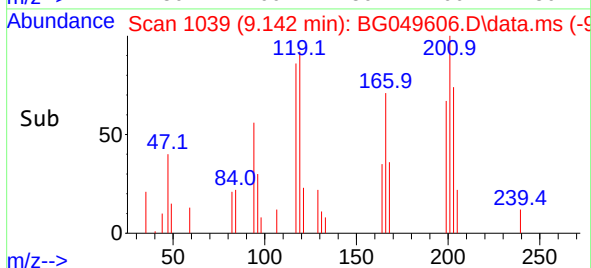
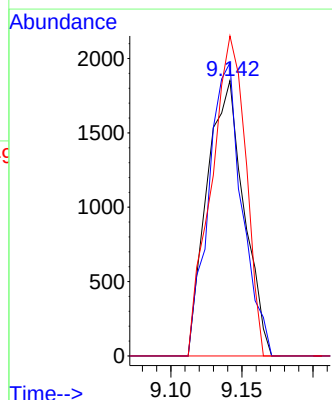
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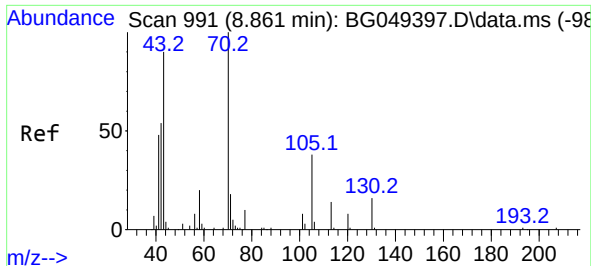


#18
Hexachloroethane
Concen: 4.900 ng
RT: 9.142 min Scan# 1039
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

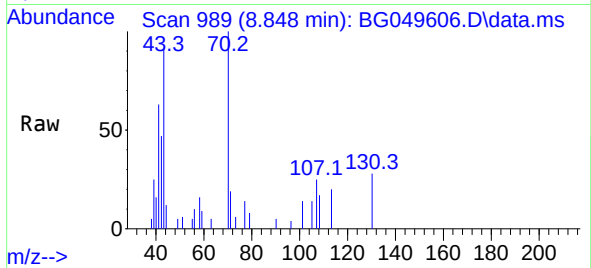


Tgt Ion:	117	Resp:	3338
Ion	Ratio	Lower	Upper
117	100		
119	106.4	74.4	111.6
201	116.2	88.6	133.0

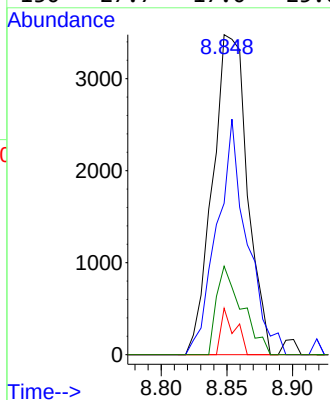




#19
n-Nitroso-di-n-propylamine
Concen: 4.612 ng
RT: 8.848 min Scan# 989
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



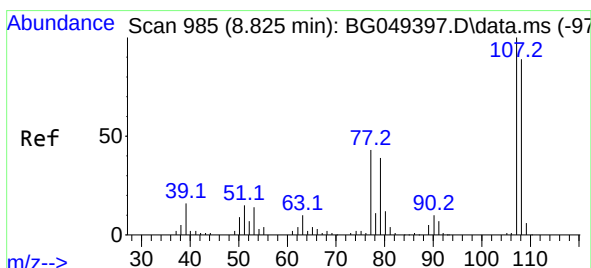
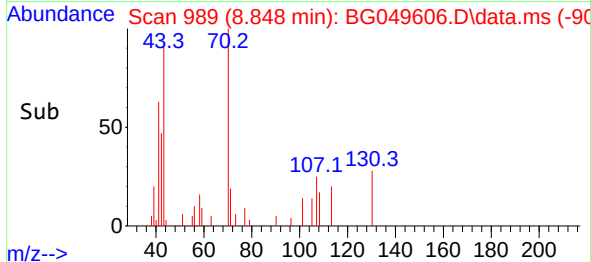
Tgt Ion: 70 Resp: 6407
Ion Ratio Lower Upper
70 100
42 47.3 54.5 81.7#
101 14.5 9.0 13.6#
130 27.7 17.0 25.6#



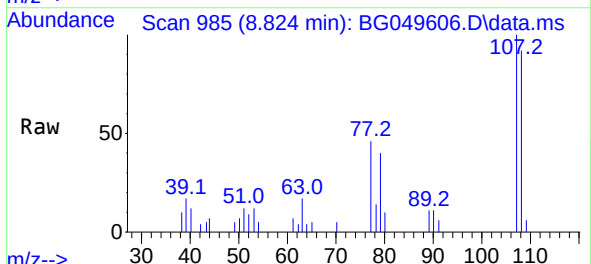
Instrument :
BNA_G
ClientSampleId :
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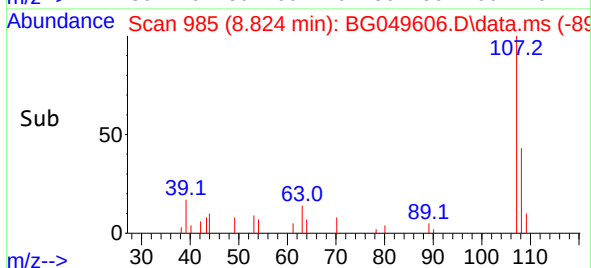
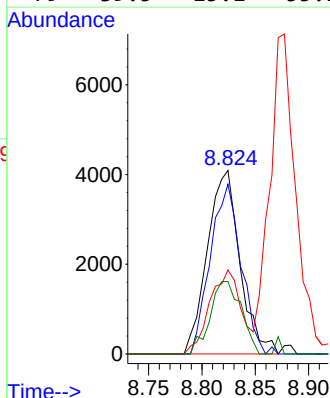
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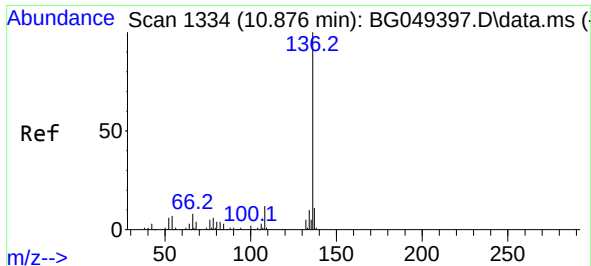


#20
3+4-Methylphenols
Concen: 4.726 ng
RT: 8.824 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

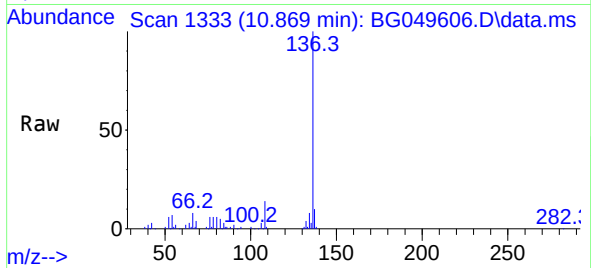


Tgt Ion: 107 Resp: 8684
Ion Ratio Lower Upper
107 100
108 92.5 69.3 109.3
77 45.8 25.2 65.2
79 39.5 15.1 55.1



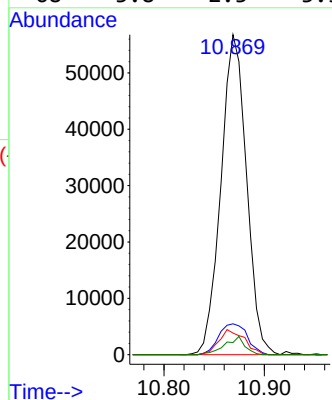


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1333
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



Tgt Ion:136 Resp: 100527

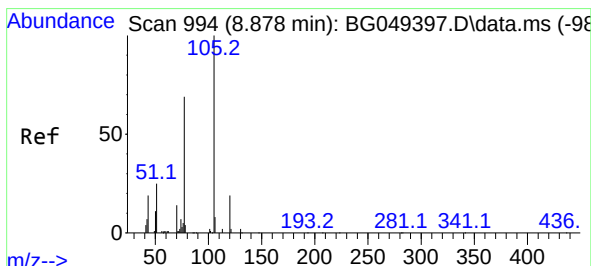
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.2	12.2
54	6.8	5.5	8.3
68	3.8	2.3	3.5#



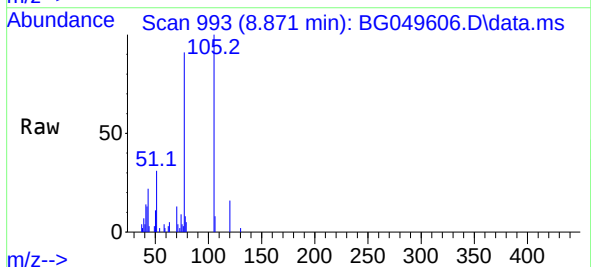
Instrument :
BNA_G
ClientSampleId :
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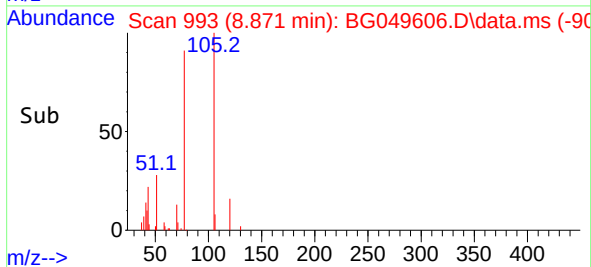
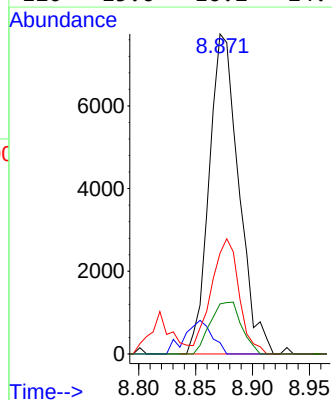


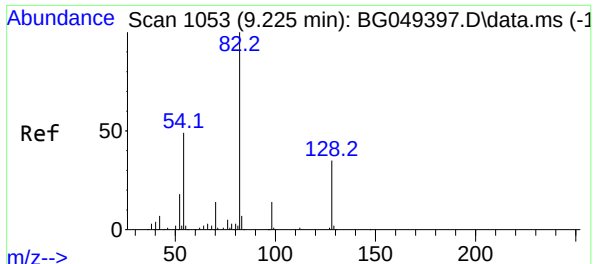
#22
Acetophenone
Concen: 5.205 ng
RT: 8.871 min Scan# 993
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



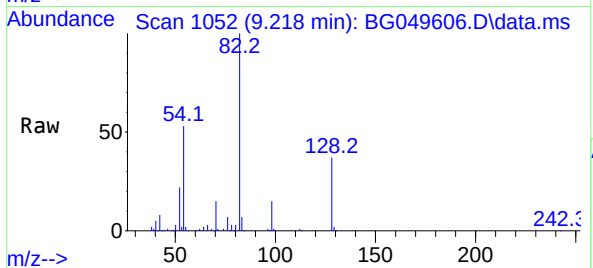
Tgt Ion:105 Resp: 14013

Ion	Ratio	Lower	Upper
105	100		
71	3.6	0.6	0.8#
51	31.5	26.6	40.0
120	15.6	16.2	24.4#

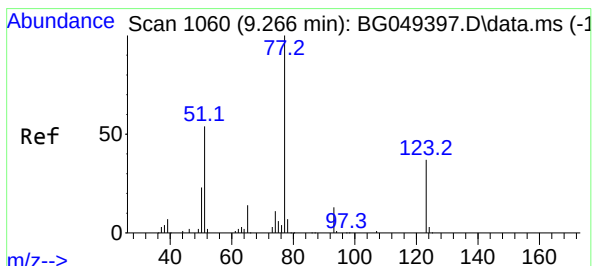
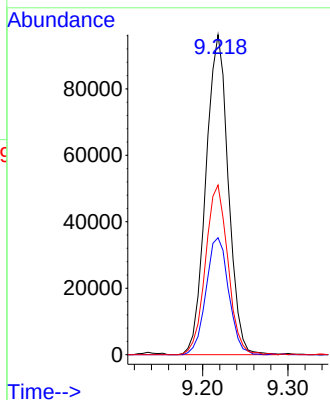
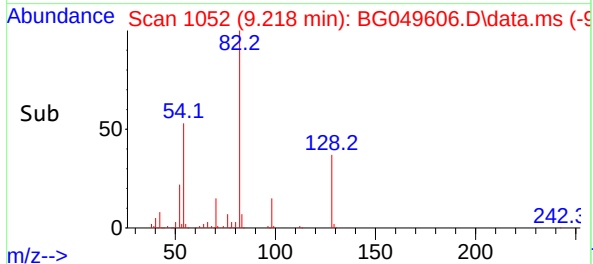




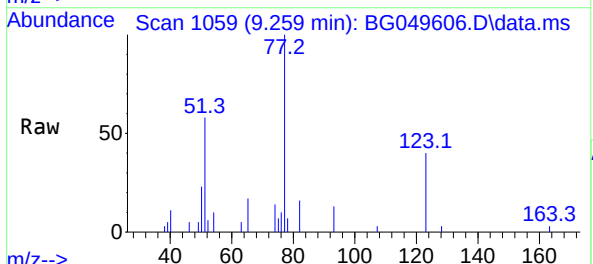
#23
Nitrobenzene-d5
Concen: 78.414 ng
RT: 9.218 min Scan# 1052
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



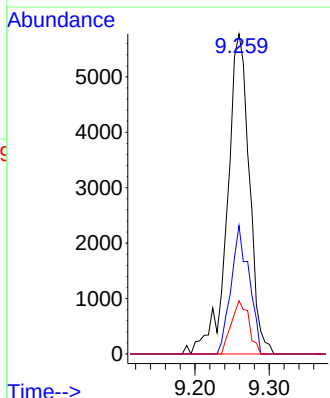
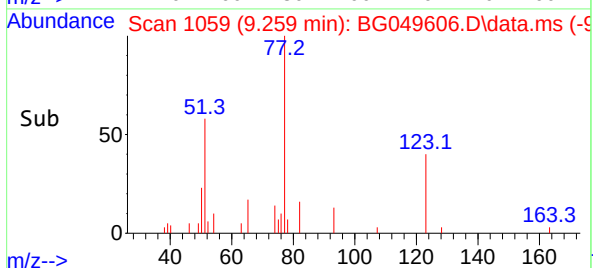
Tgt Ion: 82 Resp: 175936
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 53.0 45.8 68.8



#24
Nitrobenzene
Concen: 5.043 ng
RT: 9.259 min Scan# 1059
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



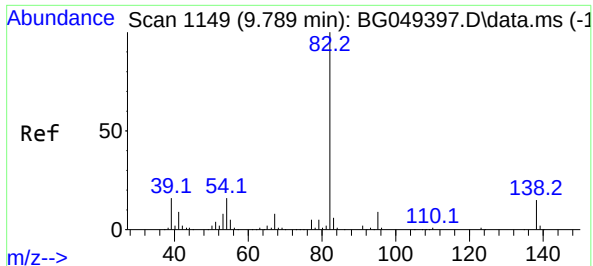
Tgt Ion: 77 Resp: 11884
Ion Ratio Lower Upper
77 100
123 40.1 27.5 41.3
65 16.7 12.6 18.8



Instrument :
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ClientSampleId :
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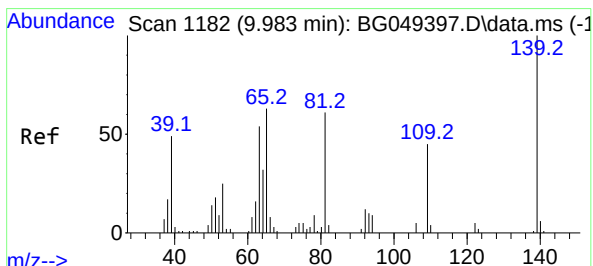
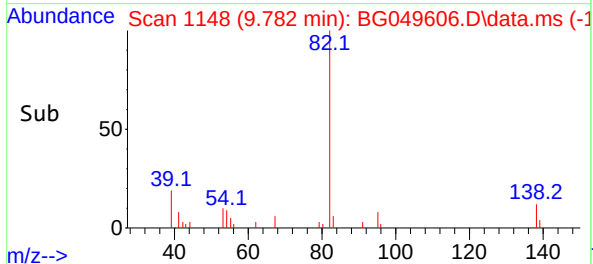
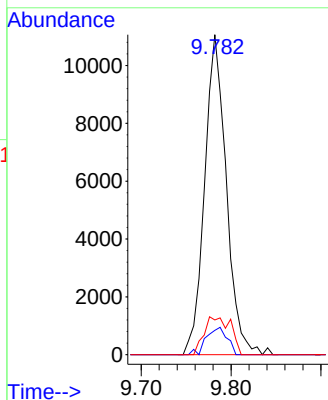
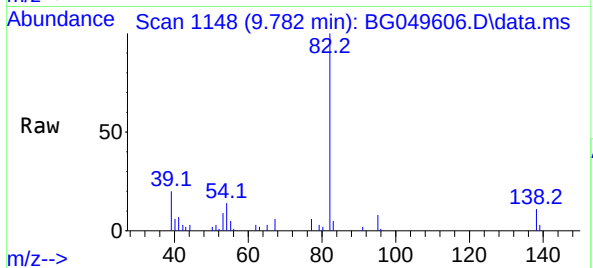
#25
Isophorone
Concen: 4.677 ng
RT: 9.782 min Scan# 1148
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 82 Resp: 18594
Ion Ratio Lower Upper
82 100
95 7.6 8.5 12.7#
138 10.9 11.8 17.6#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

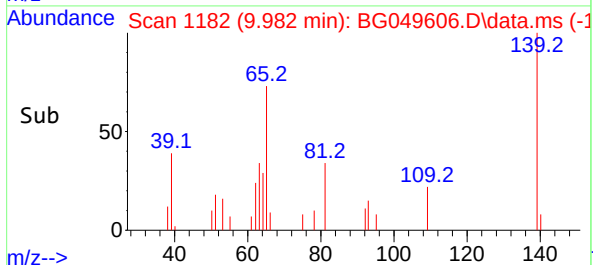
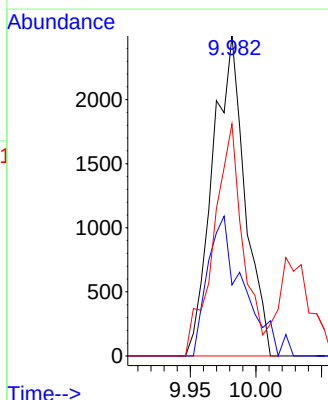
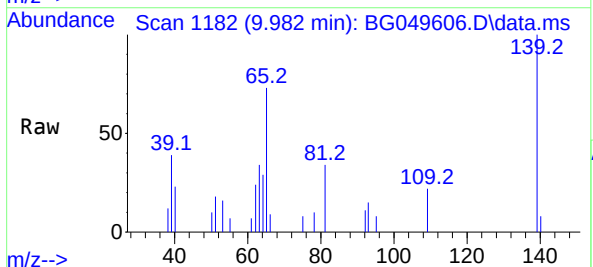
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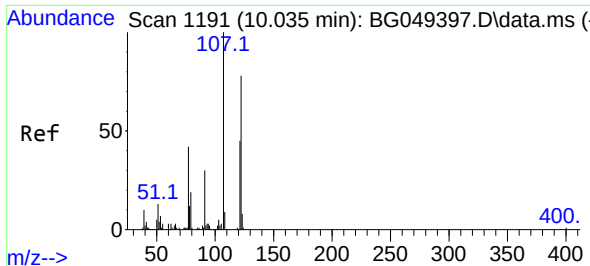
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#26
2-Nitrophenol
Concen: 5.006 ng
RT: 9.982 min Scan# 1182
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

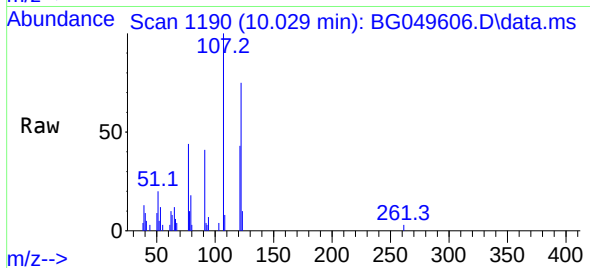
Tgt Ion: 139 Resp: 4282
Ion Ratio Lower Upper
139 100
109 22.2 37.8 56.6#
65 72.6 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 5.129 ng
RT: 10.029 min Scan# 1190
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

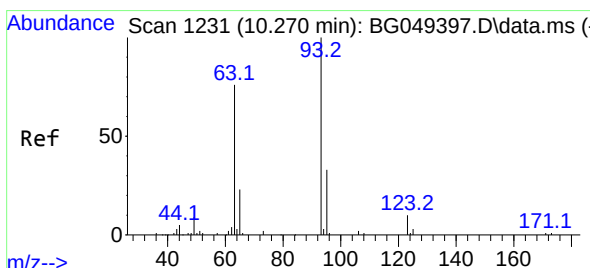
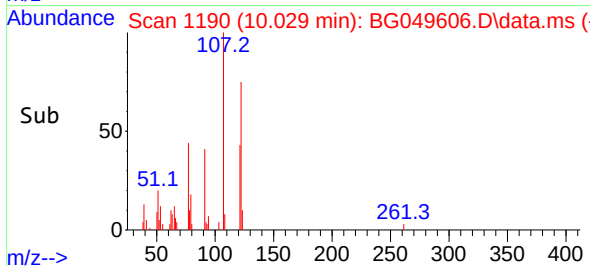
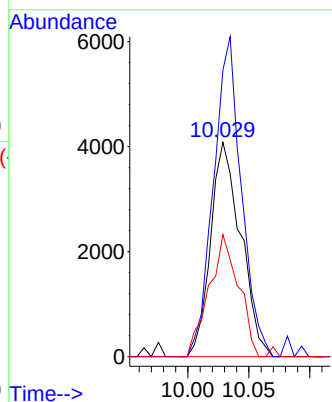
Instrument :
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ClientSampleId :
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Tgt Ion:122 Resp: 7014
Ion Ratio Lower Upper
122 100
107 133.7 110.1 165.1
121 57.0 49.0 73.6

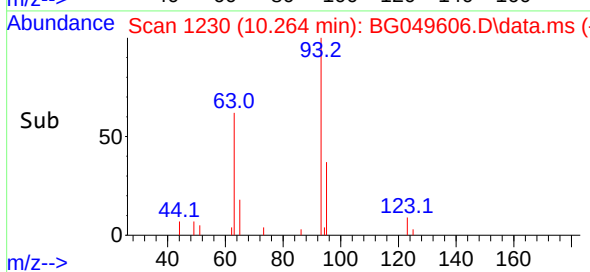
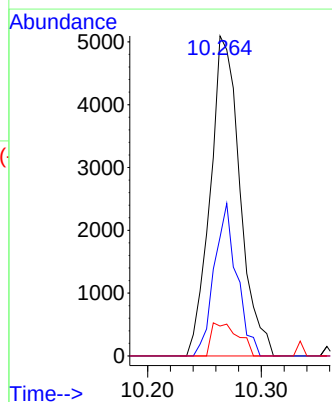
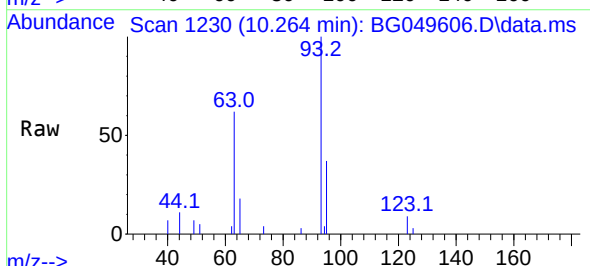
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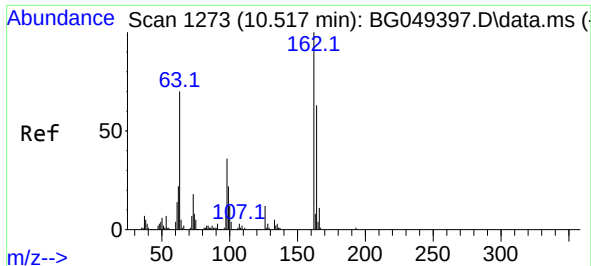
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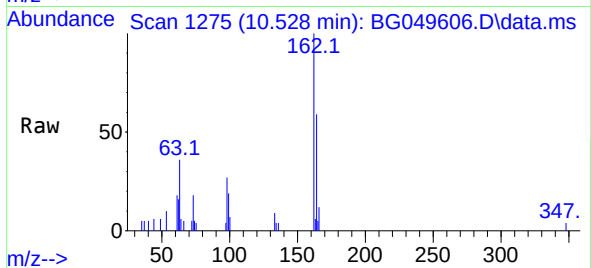
#28
bis(2-Chloroethoxy)methane
Concen: 5.215 ng
RT: 10.264 min Scan# 1230
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 93 Resp: 9249
Ion Ratio Lower Upper
93 100
95 37.1 22.2 33.4#
123 9.4 8.8 13.2

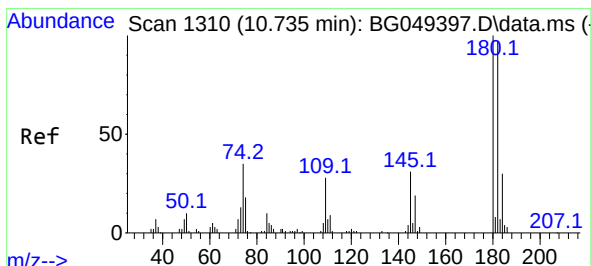
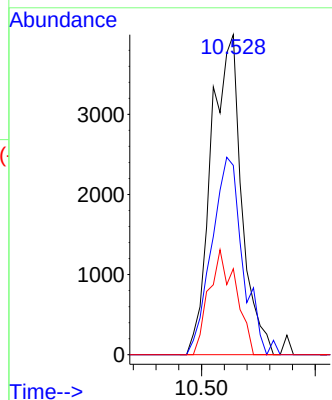
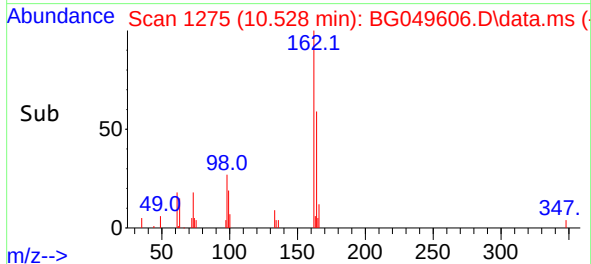




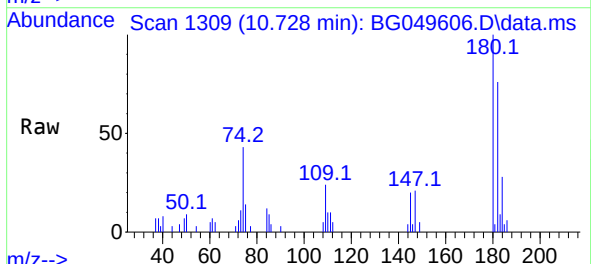
#29
2,4-Dichlorophenol
Concen: 4.679 ng
RT: 10.528 min Scan# 1275
Delta R.T. 0.011 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



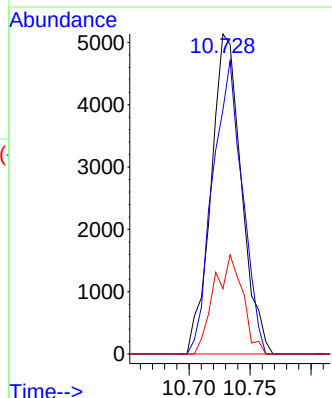
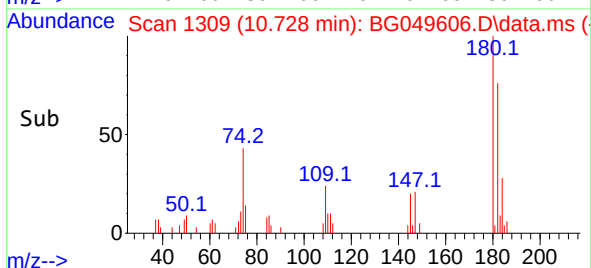
Tgt Ion:162 Resp: 7419
Ion Ratio Lower Upper
162 100
164 59.2 39.4 79.4
98 26.8 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 4.947 ng
RT: 10.728 min Scan# 1309
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



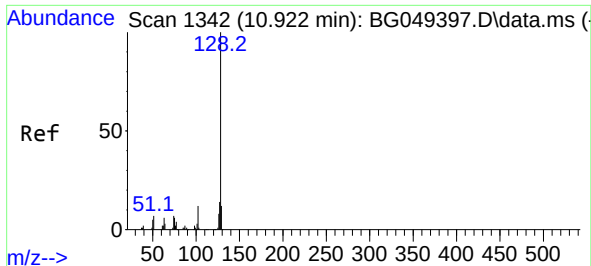
Tgt Ion:180 Resp: 8859
Ion Ratio Lower Upper
180 100
182 76.2 78.9 118.3#
145 20.4 26.2 39.4#



Instrument :
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ClientSampleId :
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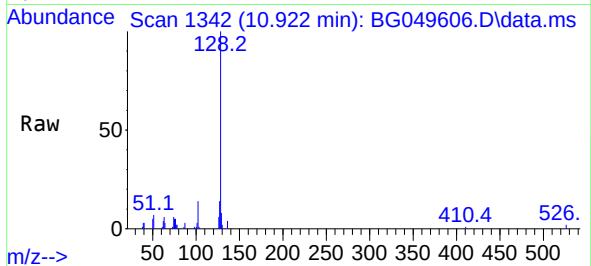
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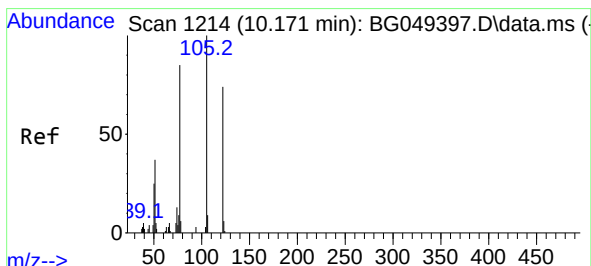
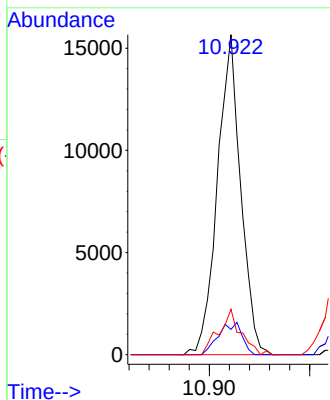
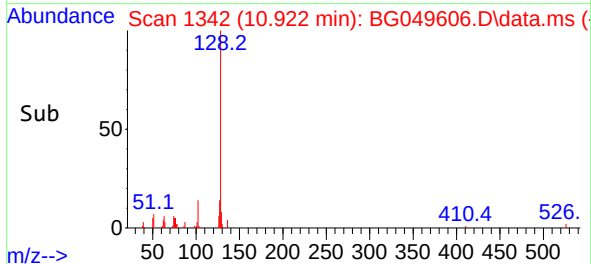


#31
Naphthalene
Concen: 4.756 ng
RT: 10.922 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

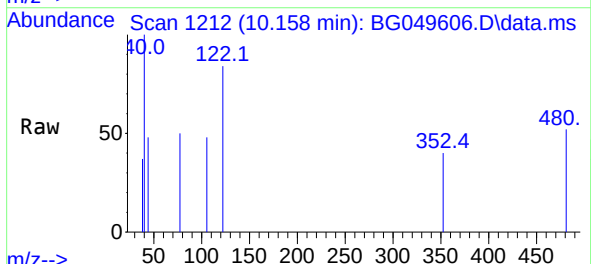
Instrument :
BNA_G
ClientSampleId :
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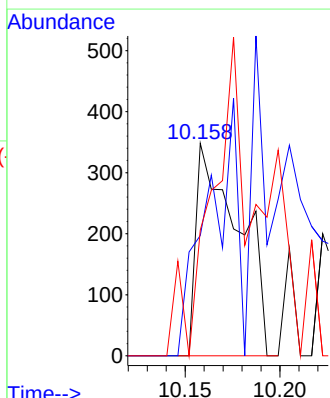
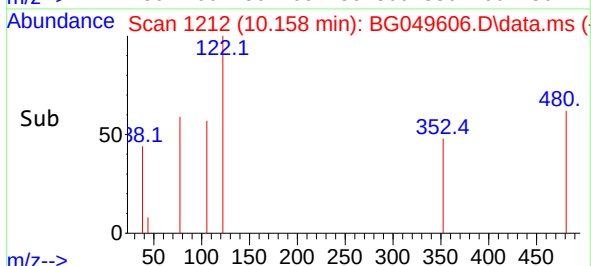
Tgt Ion:128 Resp: 25213
Ion Ratio Lower Upper
128 100
129 7.9 8.5 12.7#
127 14.2 10.2 15.4

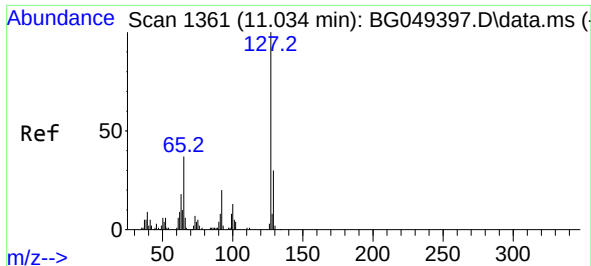


#32
Benzoic acid
Concen: 0.602 ng
RT: 10.158 min Scan# 1212
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



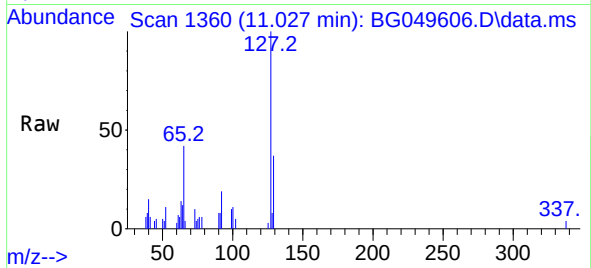
Tgt Ion:122 Resp: 541
Ion Ratio Lower Upper
122 100
105 56.6 92.3 132.3#
77 59.2 66.5 106.5#





#33
4-Chloroaniline
Concen: 4.666 ng
RT: 11.027 min Scan# 1360
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

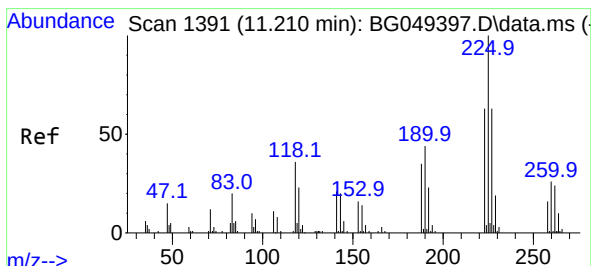
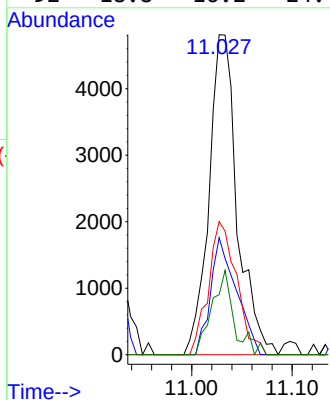
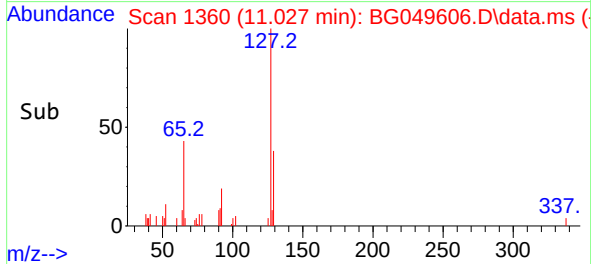
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



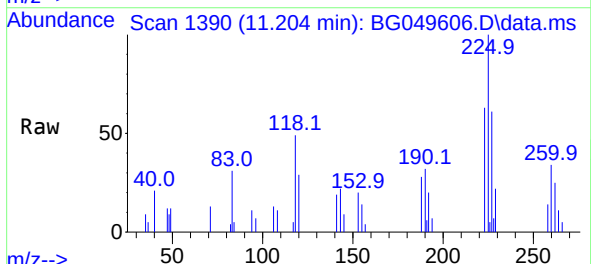
Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.6	26.7	40.1
65	41.6	32.8	49.2
92	18.8	16.2	24.4

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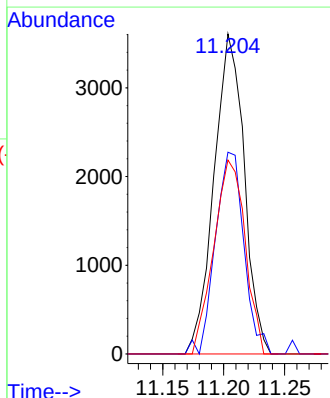
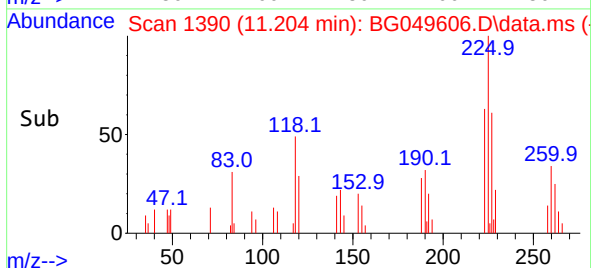
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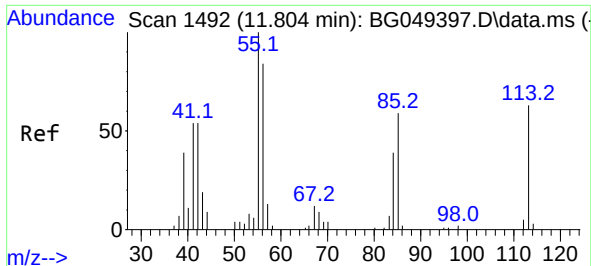


#34
Hexachlorobutadiene
Concen: 4.840 ng
RT: 11.204 min Scan# 1390
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	60.6	46.4	69.6





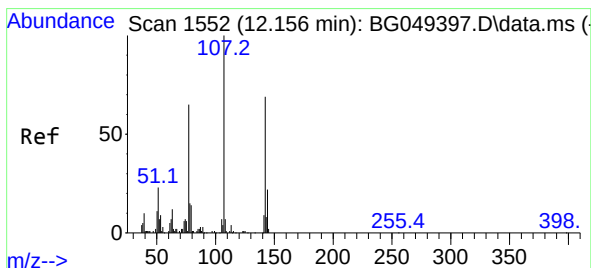
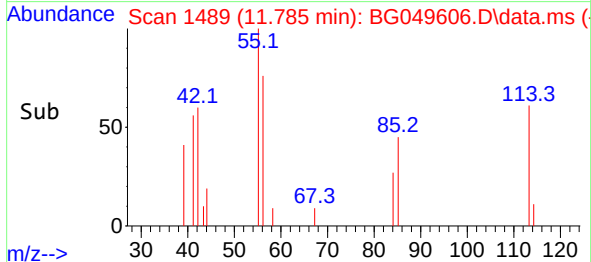
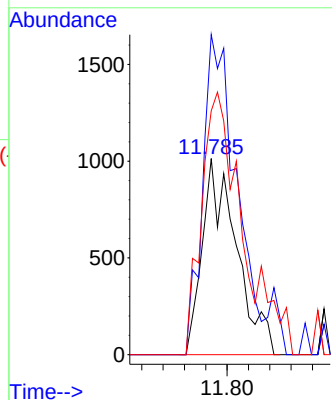
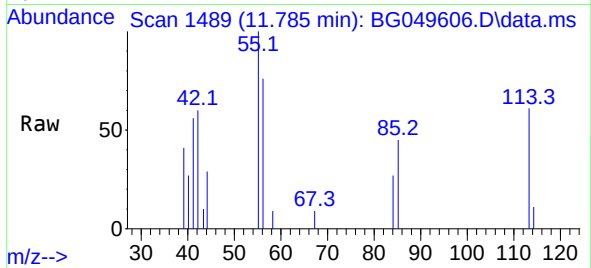
#35
Caprolactam
Concen: 4.555 ng
RT: 11.785 min Scan# 1489
Delta R.T. -0.019 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:113 Resp: 2243
Ion Ratio Lower Upper
113 100
55 163.1 113.8 153.8#
56 124.3 105.6 145.6

Instrument :
BNA_G
ClientSampleId :
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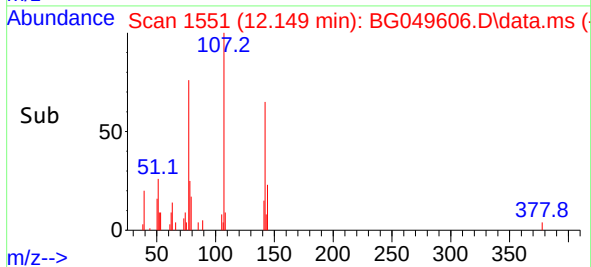
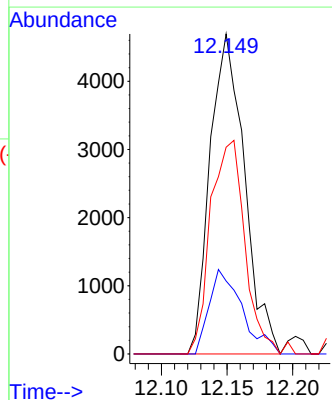
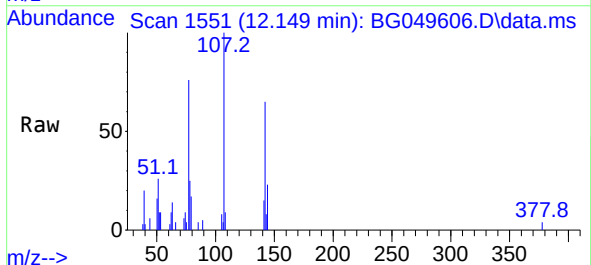
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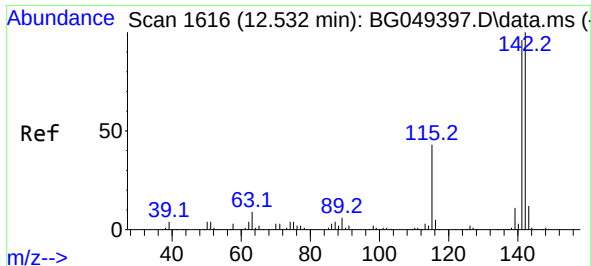
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#36
4-Chloro-3-methylphenol
Concen: 4.571 ng
RT: 12.149 min Scan# 1551
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

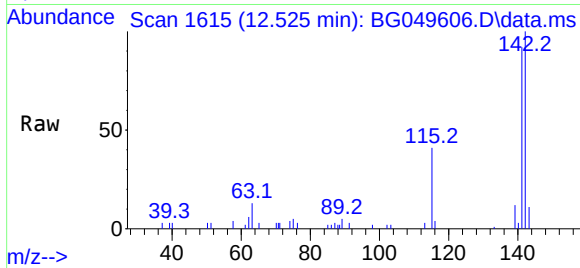
Tgt Ion:107 Resp: 8549
Ion Ratio Lower Upper
107 100
144 22.8 24.8 37.2#
142 64.6 62.2 93.4





#37
2-Methylnaphthalene
Concen: 4.859 ng
RT: 12.525 min Scan# 1615
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

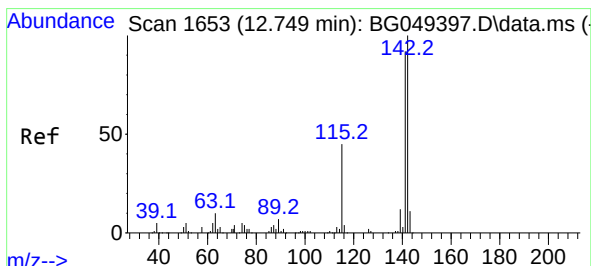
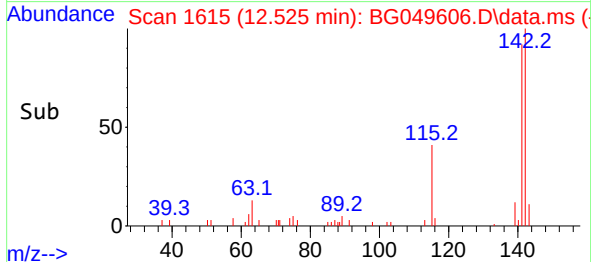
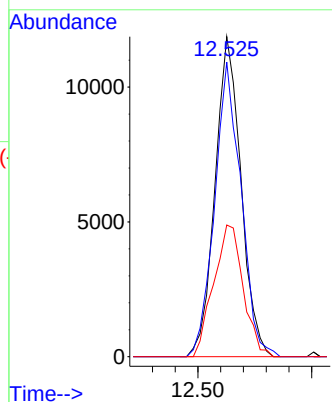
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



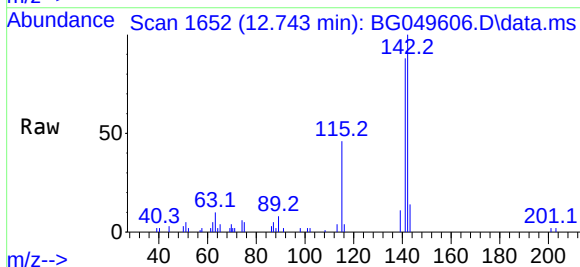
Tgt Ion:142 Resp: 18802
Ion Ratio Lower Upper
142 100
141 92.1 68.8 103.2
115 41.2 36.4 54.6

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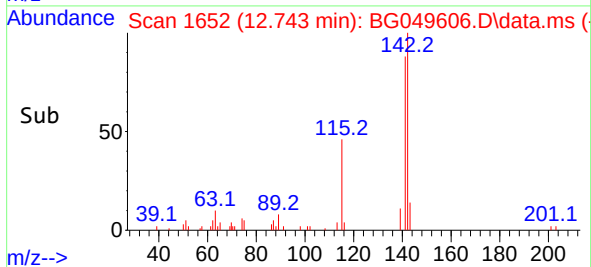
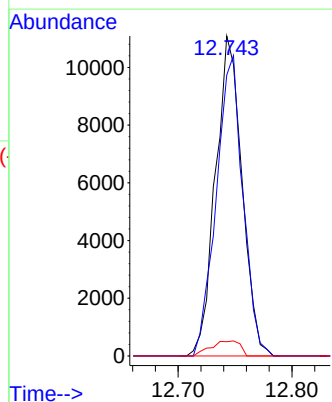
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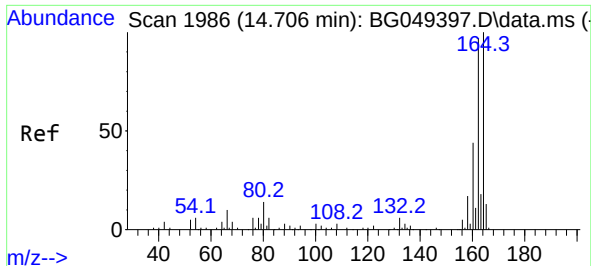


#38
1-Methylnaphthalene
Concen: 4.843 ng
RT: 12.743 min Scan# 1652
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



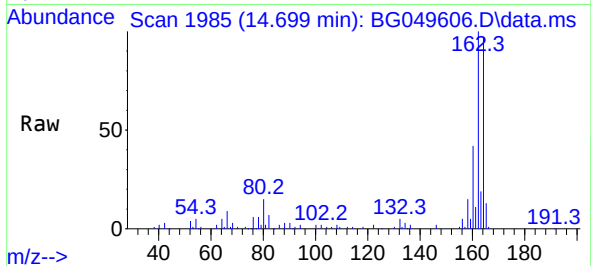
Tgt Ion:142 Resp: 17916
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
116 4.4 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

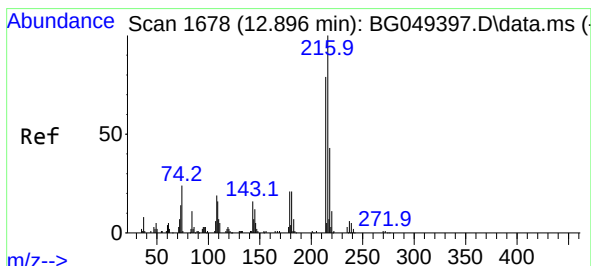
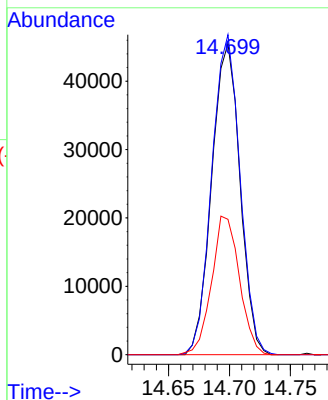
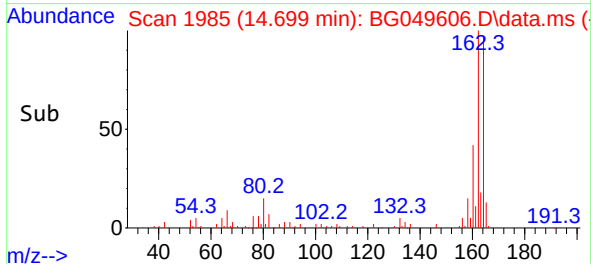
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



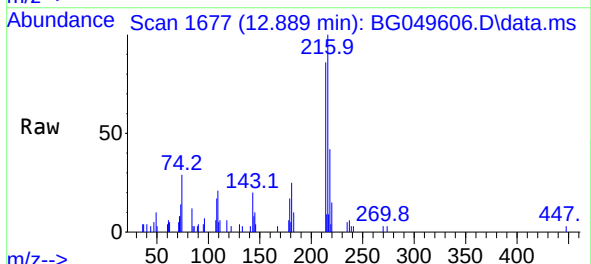
Tgt Ion:164 Resp: 73371
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 43.5 34.9 52.3

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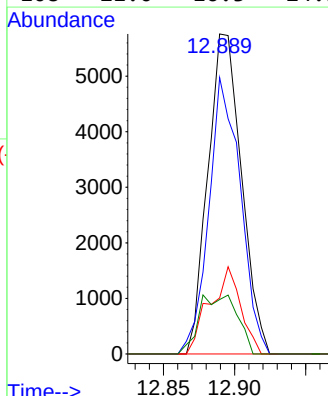
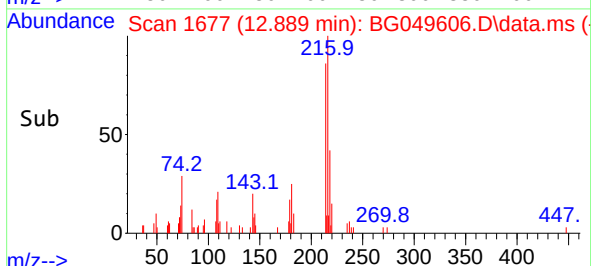
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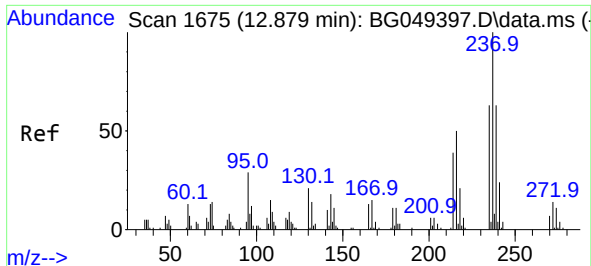


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.364 ng
RT: 12.889 min Scan# 1677
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



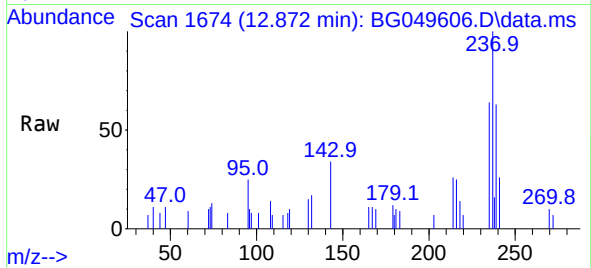
Tgt Ion:216 Resp: 9468
Ion Ratio Lower Upper
216 100
214 81.0 61.4 92.2
179 24.9 17.3 25.9
108 21.0 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 3.532 ng
RT: 12.872 min Scan# 1674
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

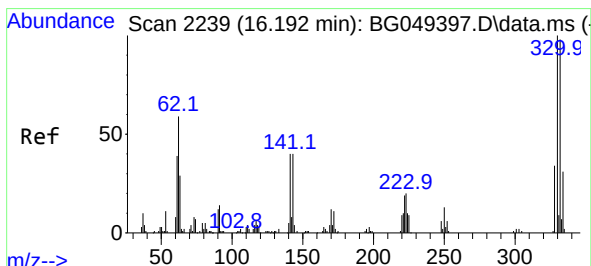
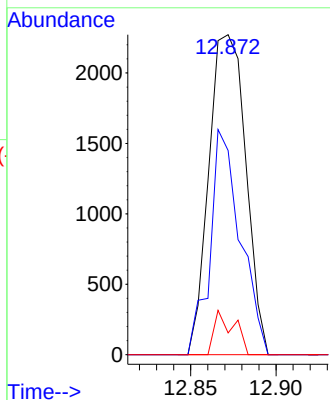
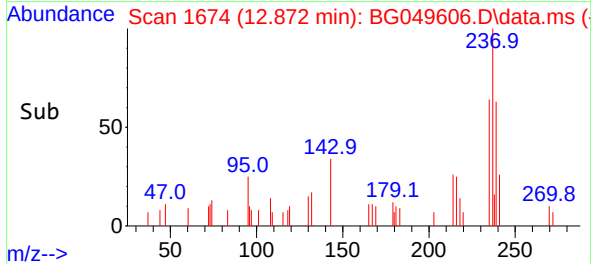
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



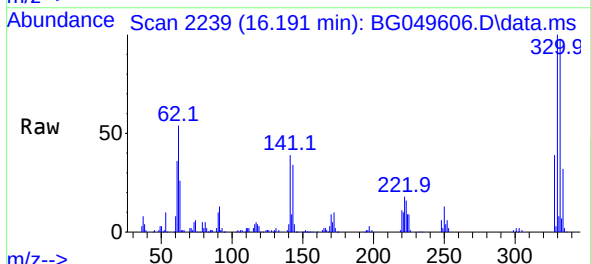
Tgt Ion:237 Resp: 3421
Ion Ratio Lower Upper
237 100
235 63.8 36.6 76.6
272 6.8 0.0 32.5

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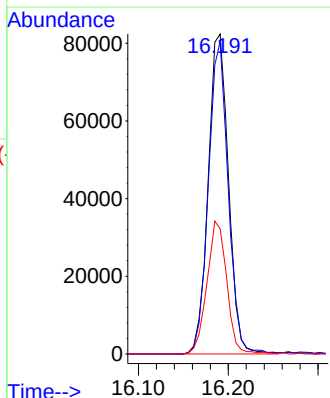
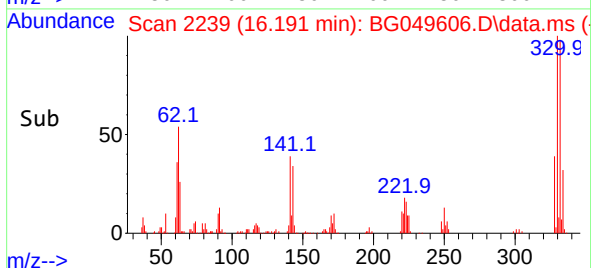
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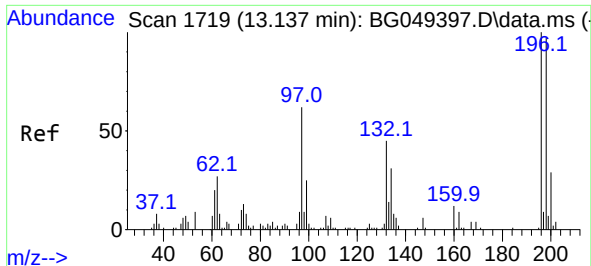


#42
2,4,6-Tribromophenol
Concen: 131.551 ng
RT: 16.191 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



Tgt Ion:330 Resp: 129258
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 40.6 35.6 53.4





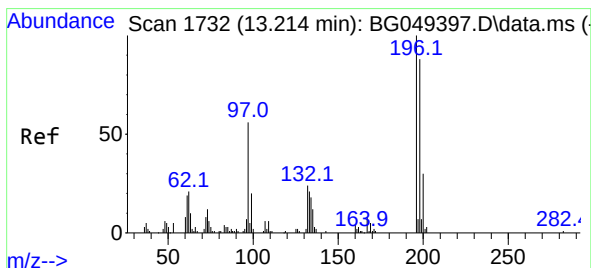
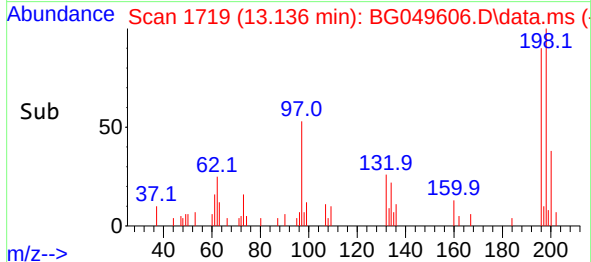
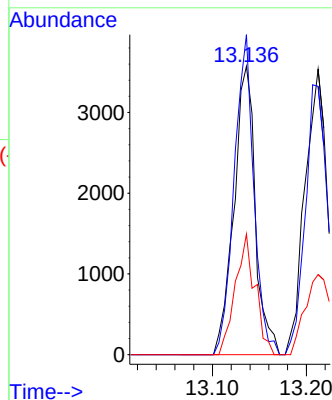
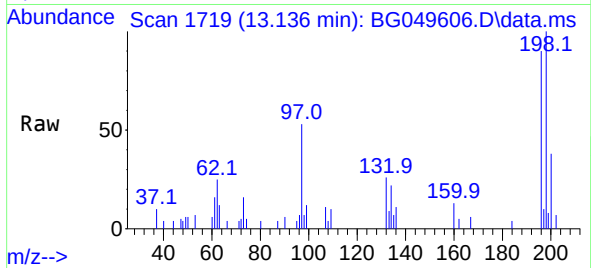
#43
2,4,6-Trichlorophenol
Concen: 4.003 ng m
RT: 13.136 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:196 Resp: 5665
Ion Ratio Lower Upper
196 100
198 111.0 82.1 123.1
200 41.8 23.8 35.8#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

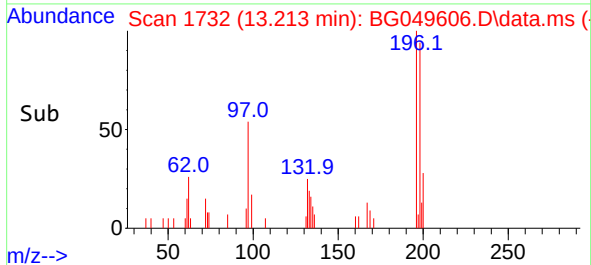
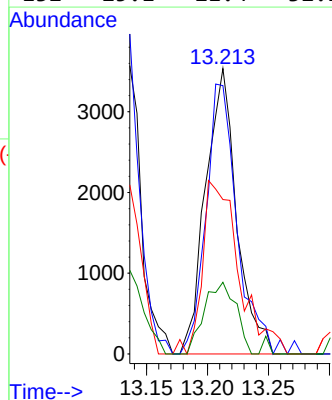
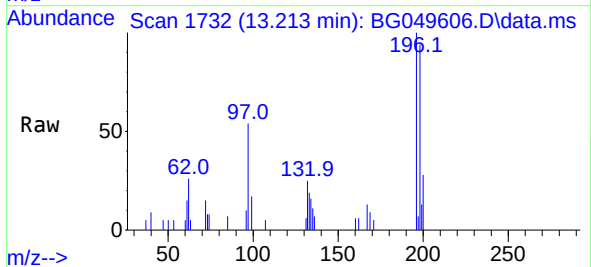
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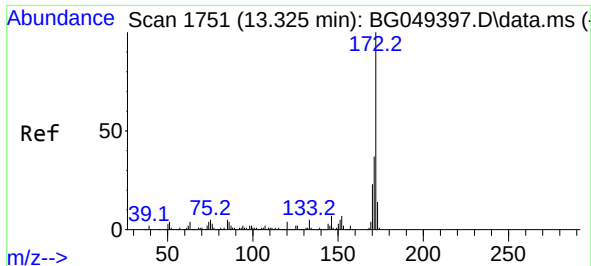
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8/3/2021 11:49:44 AM



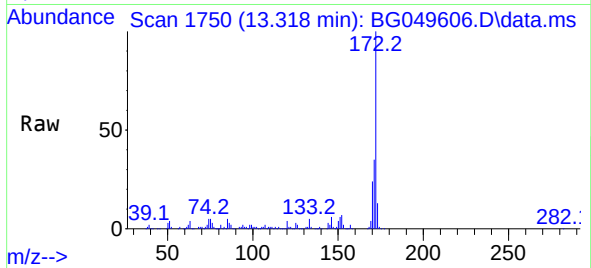
#44
2,4,5-Trichlorophenol
Concen: 4.088 ng
RT: 13.213 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:196 Resp: 6258
Ion Ratio Lower Upper
196 100
198 94.0 87.4 131.0
97 54.1 43.3 64.9
132 25.1 21.4 32.2

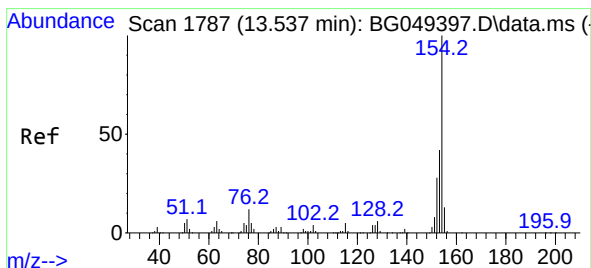
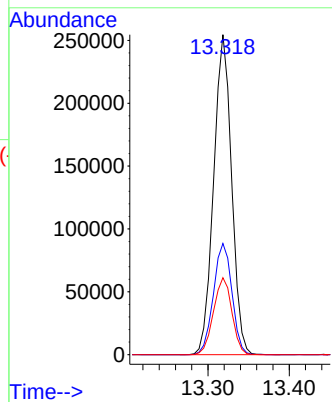
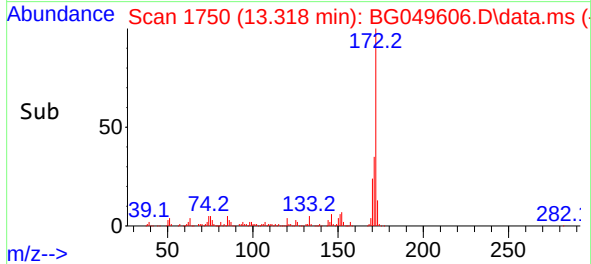




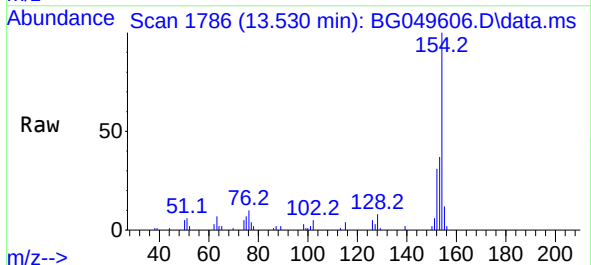
#45
2-Fluorobiphenyl
Concen: 76.523 ng
RT: 13.318 min Scan# 1750
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



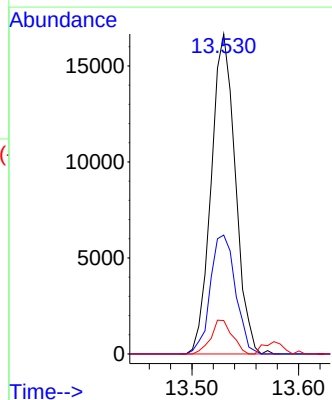
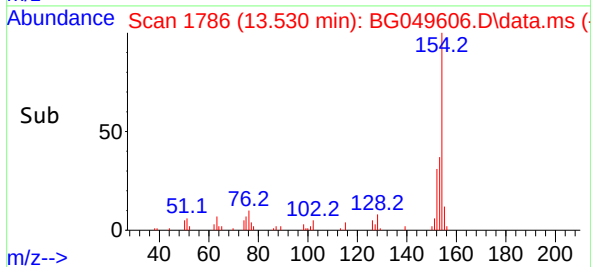
Tgt Ion:172 Resp: 390190
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 24.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.862 ng
RT: 13.530 min Scan# 1786
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



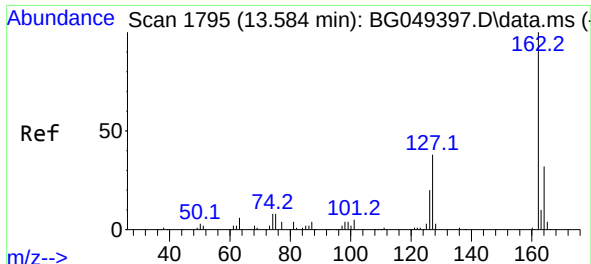
Tgt Ion:154 Resp: 26152
Ion Ratio Lower Upper
154 100
153 37.1 20.5 60.5
76 10.5 0.0 29.3



Instrument :
BNA_G
ClientSampleId :
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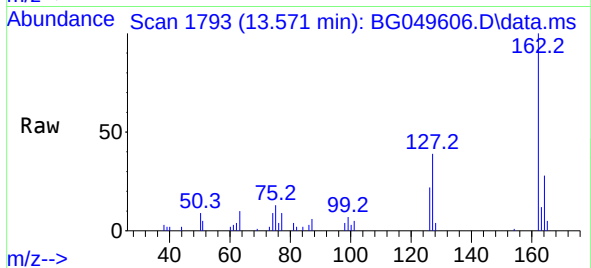
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#47
2-Chloronaphthalene
Concen: 4.652 ng
RT: 13.571 min Scan# 1793
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

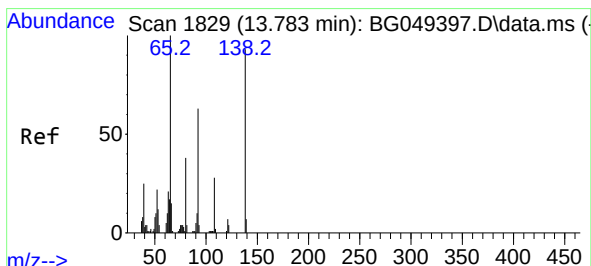
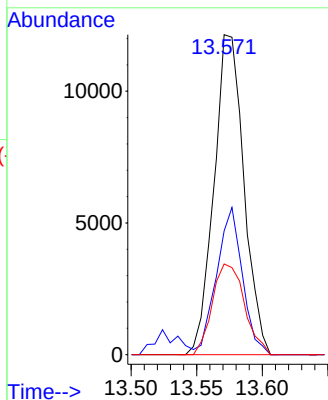
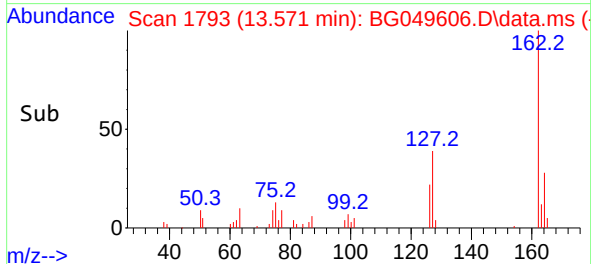
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



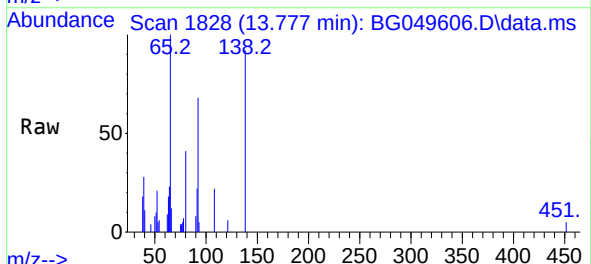
Tgt Ion:162 Resp: 19219
Ion Ratio Lower Upper
162 100
127 38.7 32.7 49.1
164 28.3 27.0 40.4

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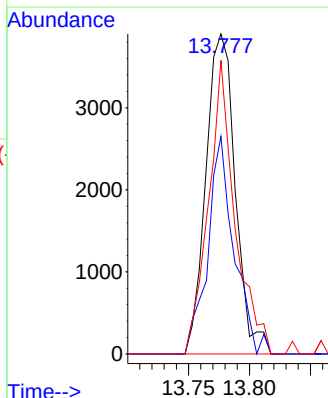
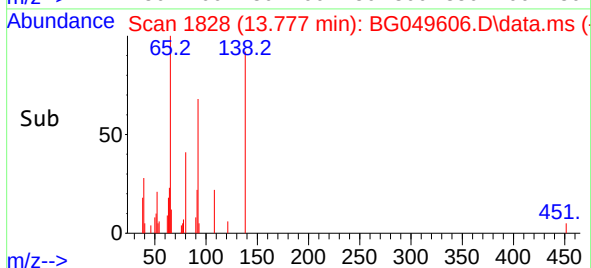
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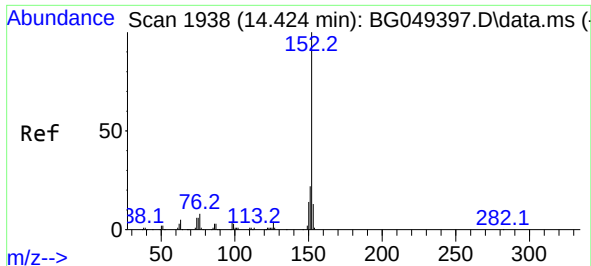


#48
2-Nitroaniline
Concen: 4.547 ng
RT: 13.777 min Scan# 1828
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

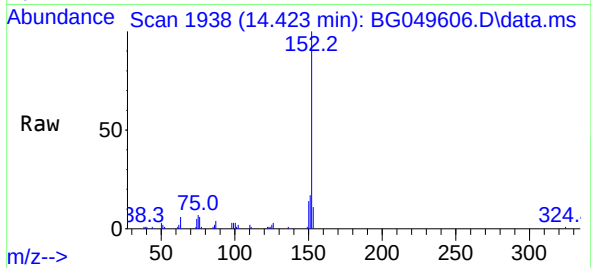


Tgt Ion: 65 Resp: 6537
Ion Ratio Lower Upper
65 100
92 67.9 47.2 70.8
138 91.7 68.0 102.0

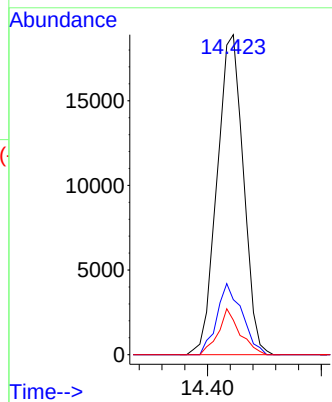
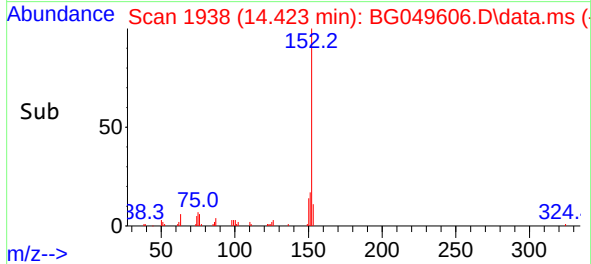




#49
Acenaphthylene
Concen: 4.525 ng
RT: 14.423 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



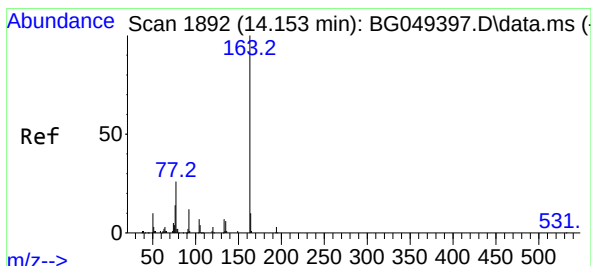
Tgt Ion:152 Resp: 30314
Ion Ratio Lower Upper
152 100
151 17.2 18.2 27.4#
153 10.8 11.7 17.5#



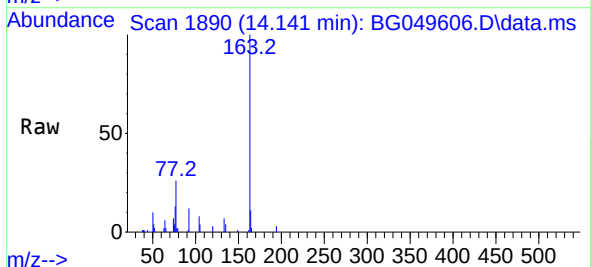
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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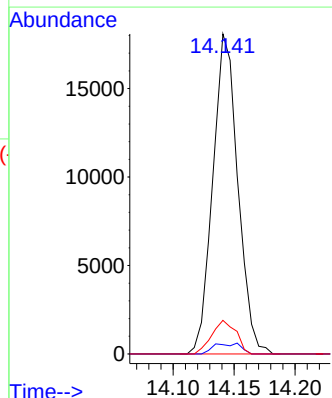
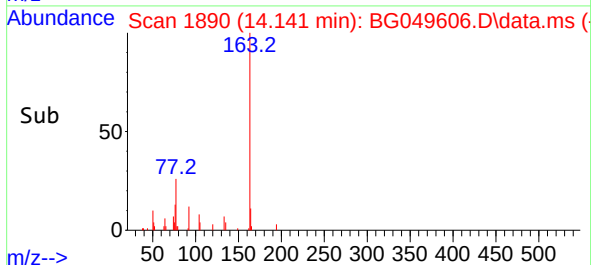
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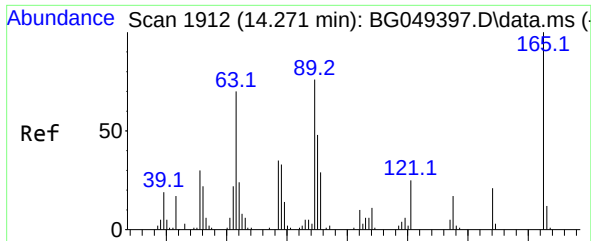


#50
Dimethylphthalate
Concen: 4.848 ng
RT: 14.141 min Scan# 1890
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

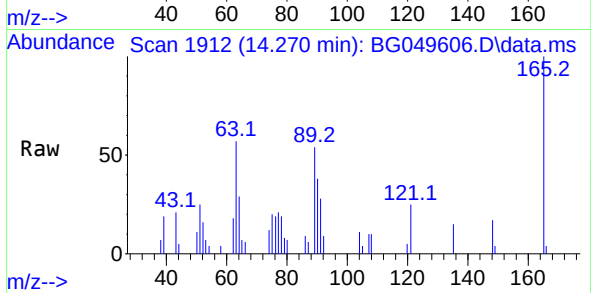


Tgt Ion:163 Resp: 25840
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.6#
164 10.5 8.6 12.8

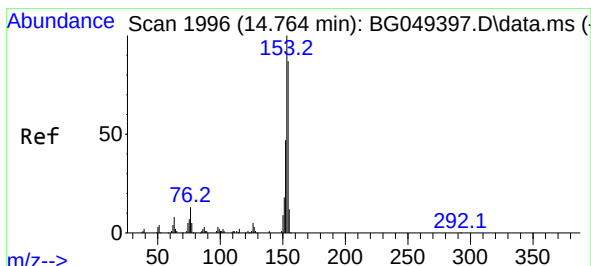
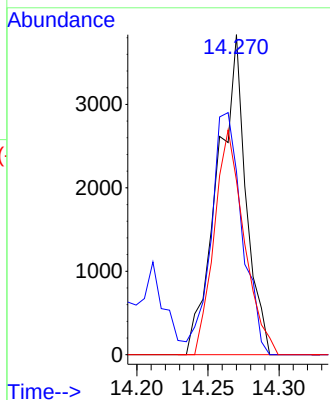
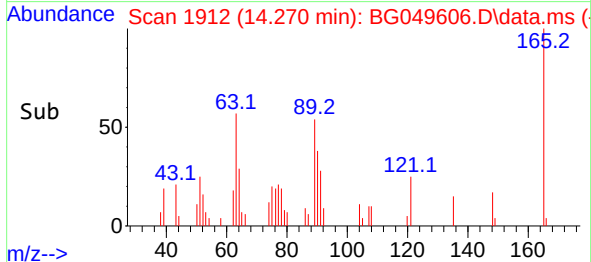




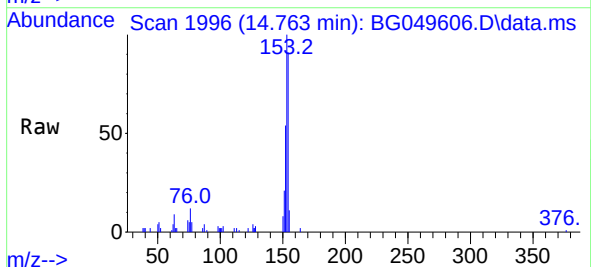
#51
2,6-Dinitrotoluene
Concen: 4.619 ng
RT: 14.270 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



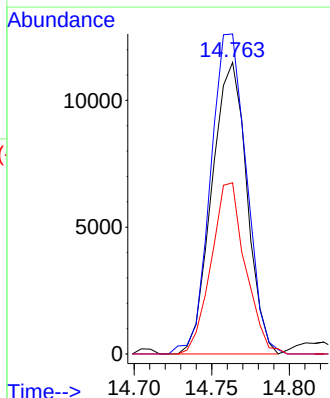
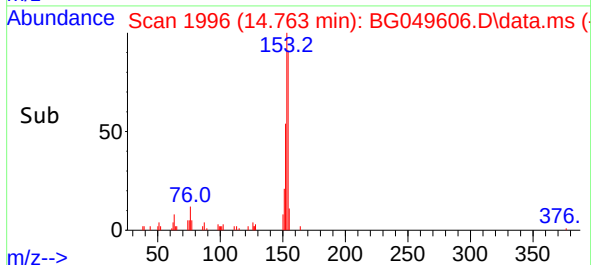
Tgt Ion:165 Resp: 5345
Ion Ratio Lower Upper
165 100
63 57.4 63.3 94.9#
89 54.4 63.4 95.0#



#52
Acenaphthene
Concen: 4.463 ng
RT: 14.763 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



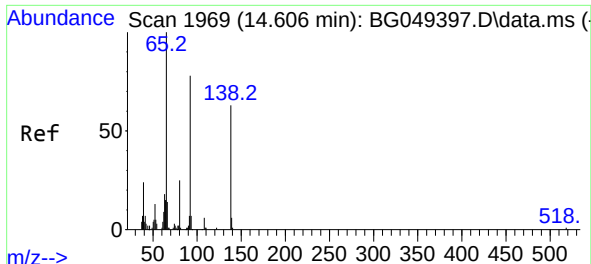
Tgt Ion:154 Resp: 18046
Ion Ratio Lower Upper
154 100
153 109.7 87.0 130.4
152 58.7 40.1 60.1



Instrument :
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ClientSampleId :
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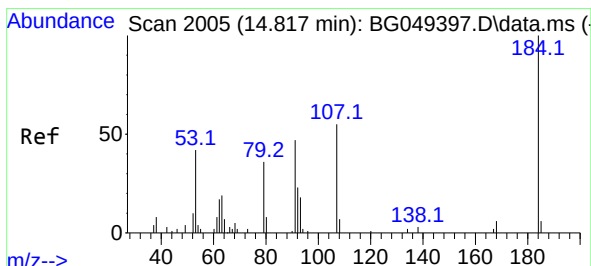
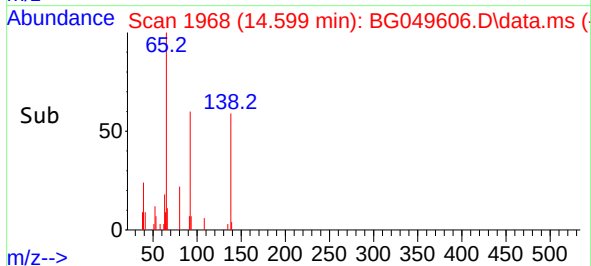
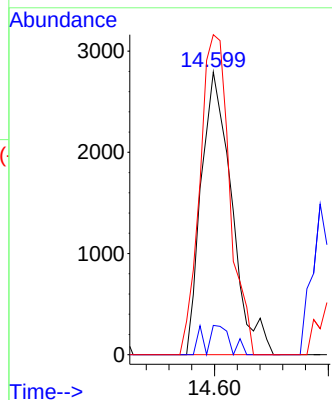
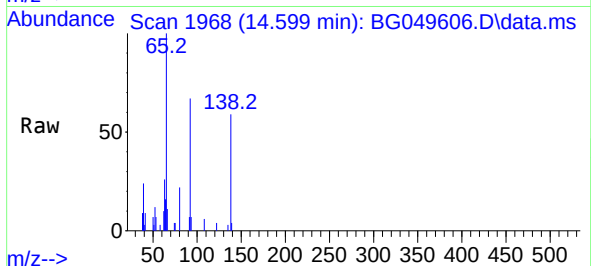
#53
3-Nitroaniline
Concen: 4.488 ng
RT: 14.599 min Scan# 1968
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:138 Resp: 5208
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 113.2 96.4 144.6

Instrument :
BNA_G
ClientSampleId :
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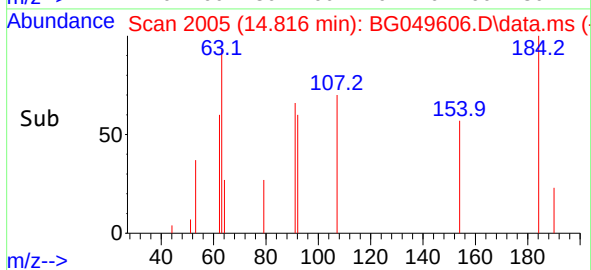
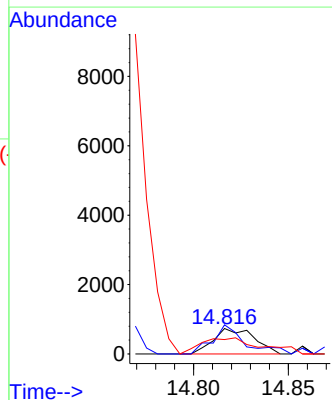
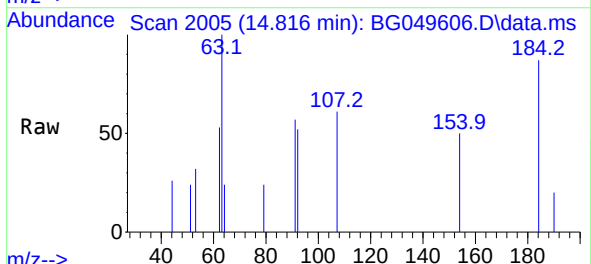
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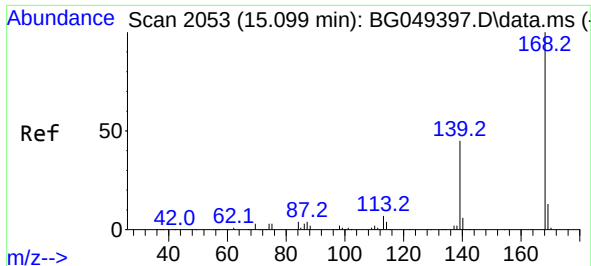
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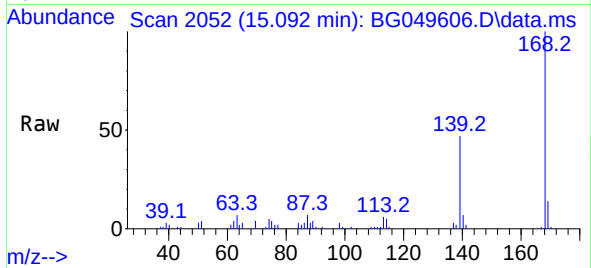
#54
2,4-Dinitrophenol
Concen: 2.267 ng
RT: 14.816 min Scan# 2005
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:184 Resp: 1104
Ion Ratio Lower Upper
184 100
63 114.5 68.3 102.5#
154 56.9 62.6 93.8#

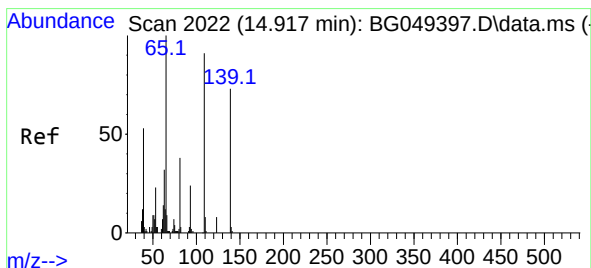
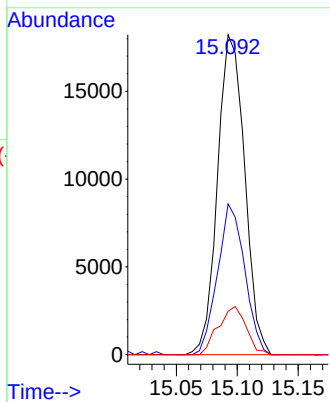
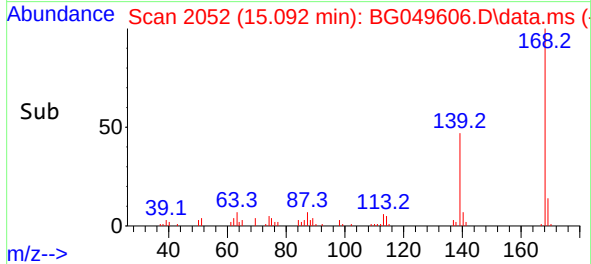




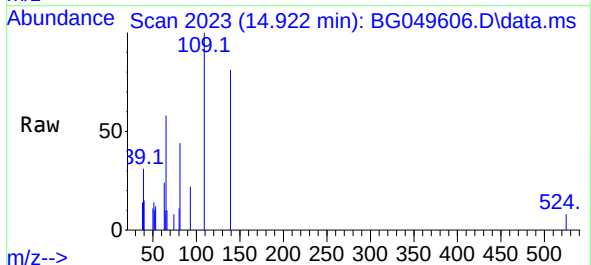
#55
Dibenzofuran
Concen: 4.345 ng
RT: 15.092 min Scan# 2052
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



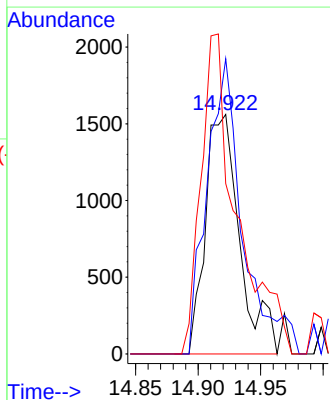
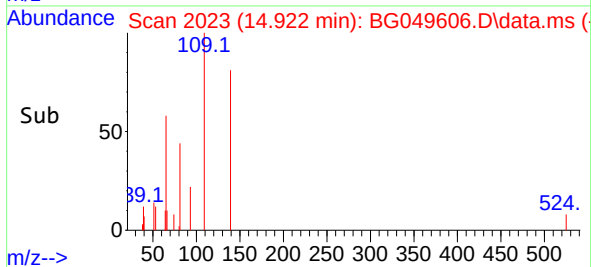
Tgt Ion:168 Resp: 28192
Ion Ratio Lower Upper
168 100
139 47.1 33.4 50.2
169 13.5 12.3 18.5



#56
4-Nitrophenol
Concen: 3.249 ng m
RT: 14.922 min Scan# 2023
Delta R.T. 0.005 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



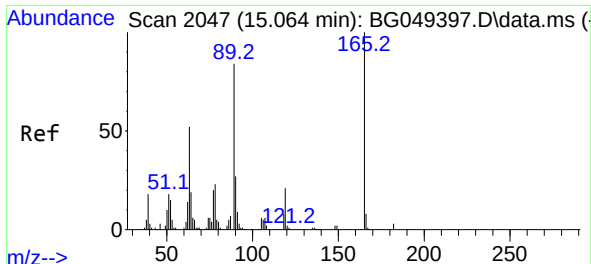
Tgt Ion:139 Resp: 2974
Ion Ratio Lower Upper
139 100
109 123.3 116.3 156.3
65 71.2 105.0 145.0#



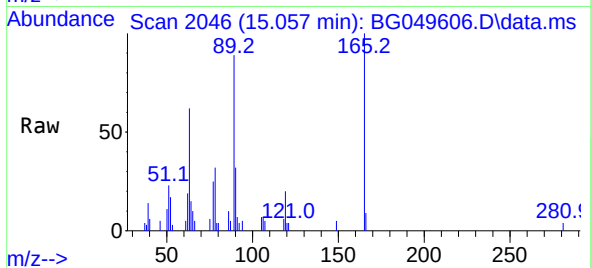
Instrument :
BNA_G
ClientSampleId :
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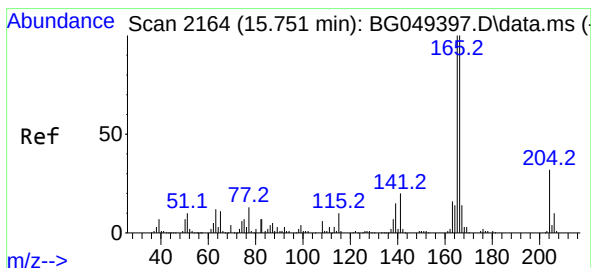
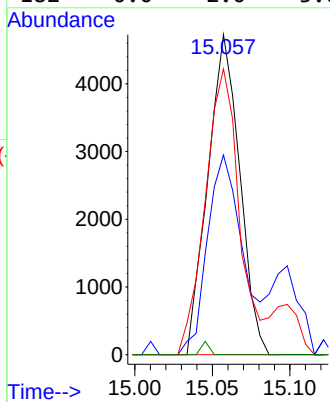
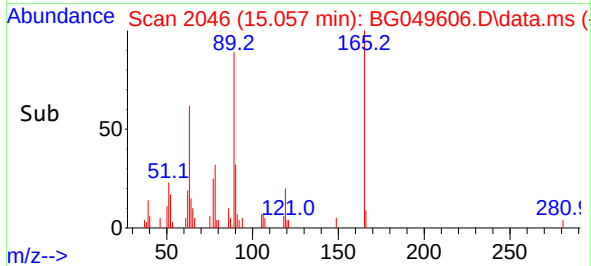
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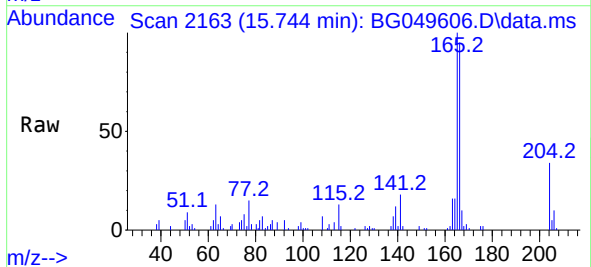
#57
2,4-Dinitrotoluene
Concen: 4.215 ng
RT: 15.057 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



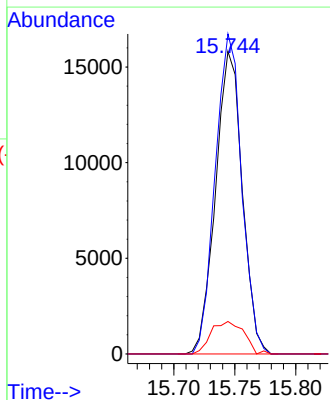
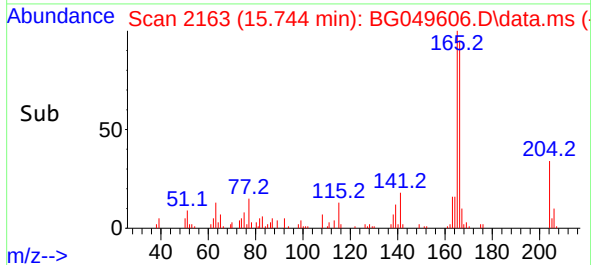
Tgt Ion:165 Resp: 6741
Ion Ratio Lower Upper
165 100
63 62.4 48.0 72.0
89 89.3 65.4 98.0
182 0.0 2.0 3.0#



#58
Fluorene
Concen: 4.596 ng
RT: 15.744 min Scan# 2163
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



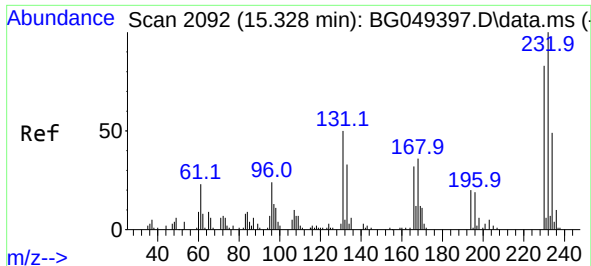
Tgt Ion:166 Resp: 24161
Ion Ratio Lower Upper
166 100
165 105.8 77.7 116.5
167 10.7 10.8 16.2#



Instrument :
BNA_G
ClientSampleId :
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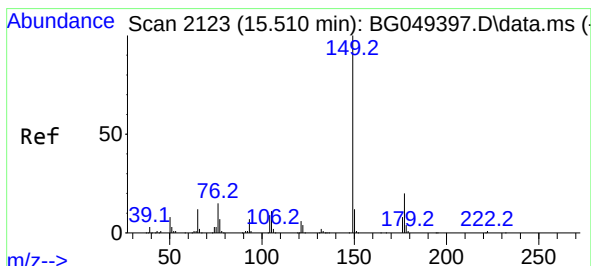
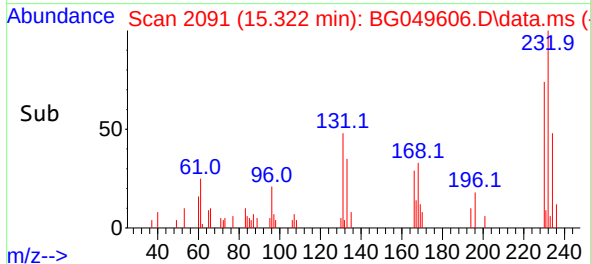
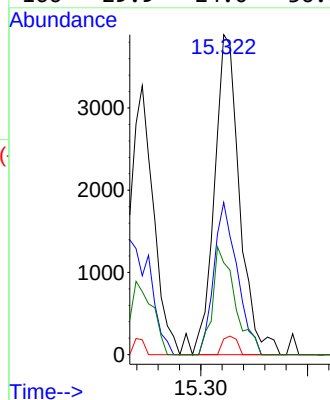
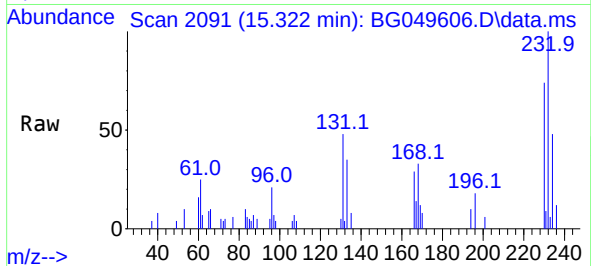
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.616 ng
RT: 15.322 min Scan# 2091
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:	232	Resp:	6460
Ion	Ratio	Lower	Upper
232	100		
131	43.5	37.2	55.8
130	3.3	2.8	4.2
166	29.9	24.0	36.0

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

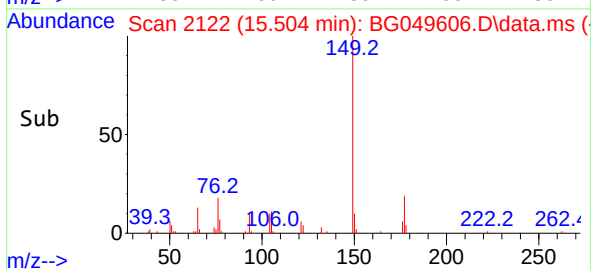
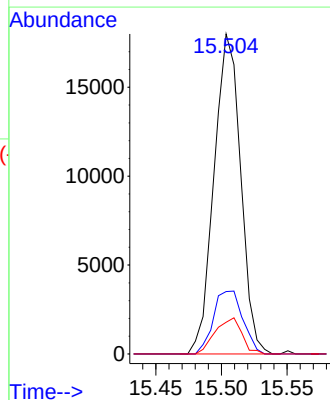
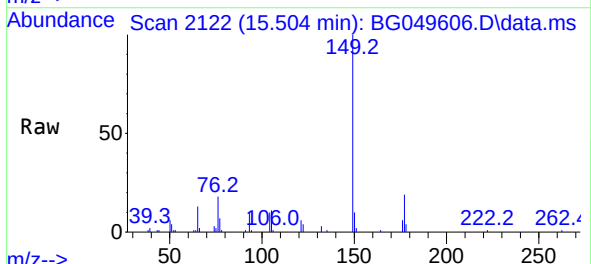
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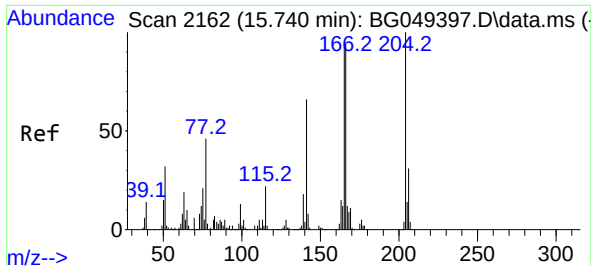
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#60
Diethylphthalate
Concen: 4.738 ng
RT: 15.504 min Scan# 2122
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

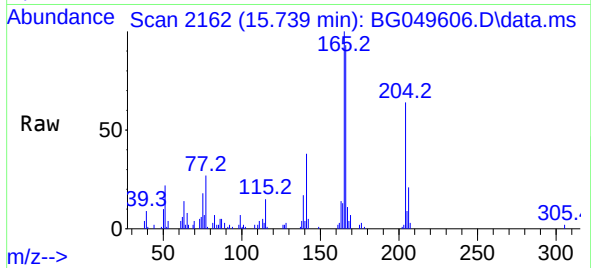
Tgt Ion:	149	Resp:	25370
Ion	Ratio	Lower	Upper
149	100		
177	19.5	19.0	28.6
150	9.9	10.2	15.4#





#61
4-Chlorophenyl-phenylether
Concen: 4.547 ng
RT: 15.739 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

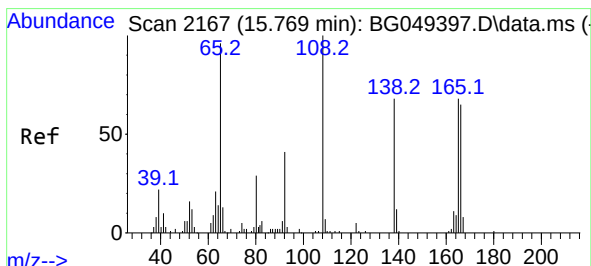
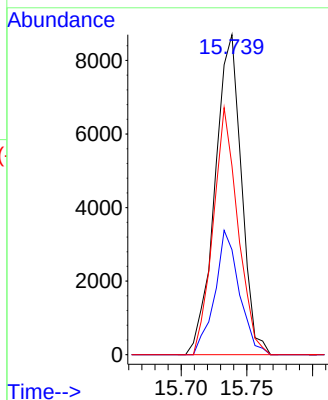
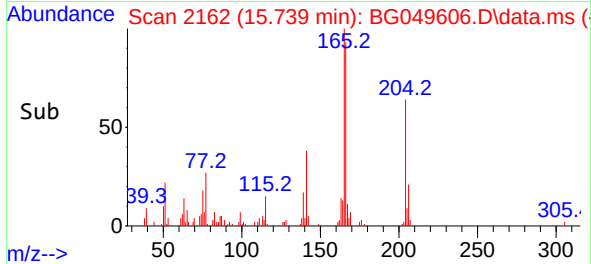
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



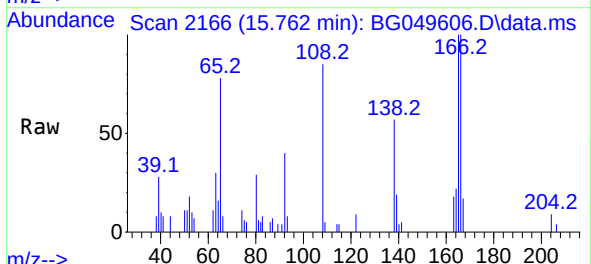
Tgt Ion:	204	Resp:	12160
Ion Ratio	Lower	Upper	
204	100		
206	32.8	24.6	37.0
141	59.0	47.8	71.8

Manual Integrations
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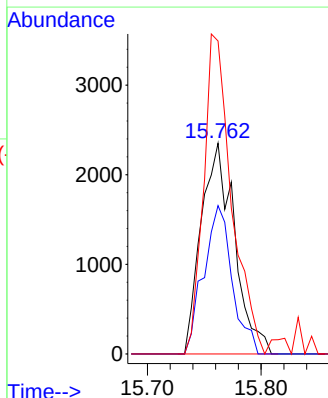
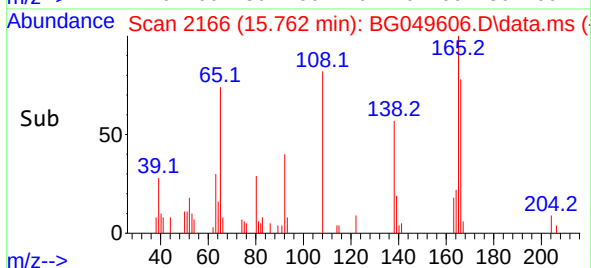
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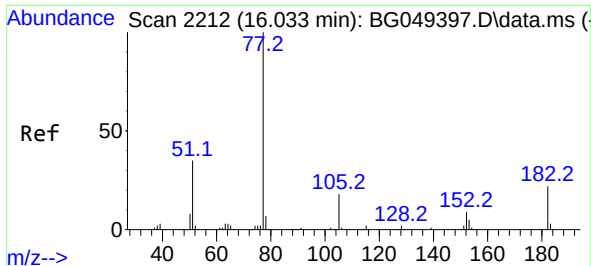


#62
4-Nitroaniline
Concen: 3.919 ng
RT: 15.762 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

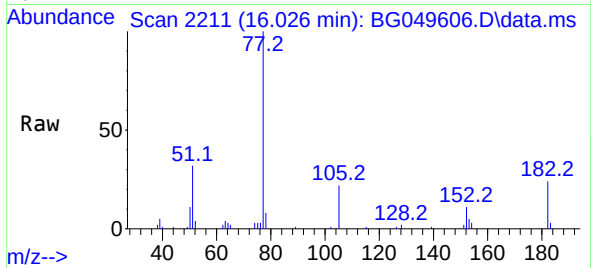


Tgt Ion:	138	Resp:	4786
Ion Ratio	Lower	Upper	
138	100		
92	70.4	32.3	72.3
108	148.6	132.4	172.4

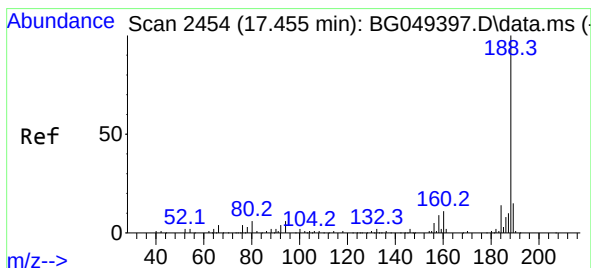
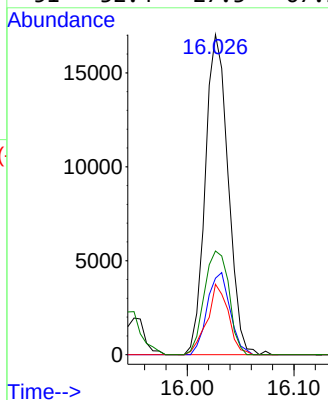
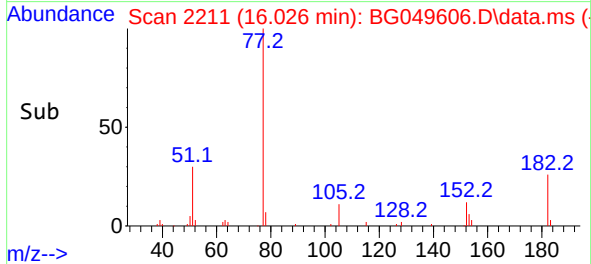




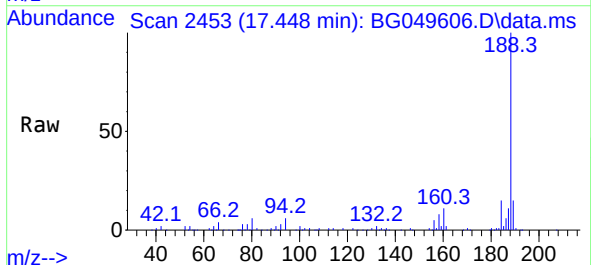
#63
Azobenzene
Concen: 4.289 ng
RT: 16.026 min Scan# 2211
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



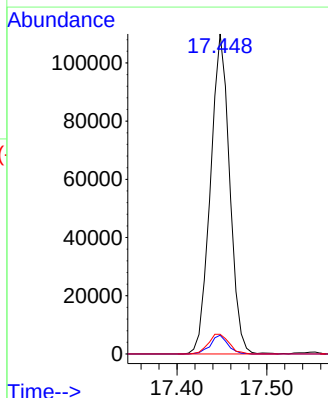
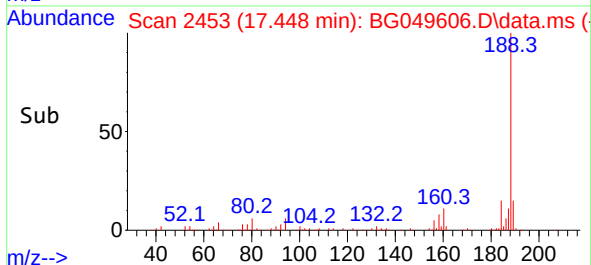
Tgt Ion: 77 Resp: 25427
Ion Ratio Lower Upper
77 100
182 23.9 7.9 47.9
105 22.0 0.0 37.9
51 32.4 27.3 67.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



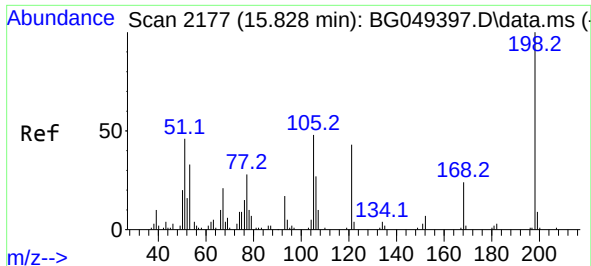
Tgt Ion: 188 Resp: 162823
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 6.2 3.7 5.5#



Instrument :
BNA_G
ClientSampleId :
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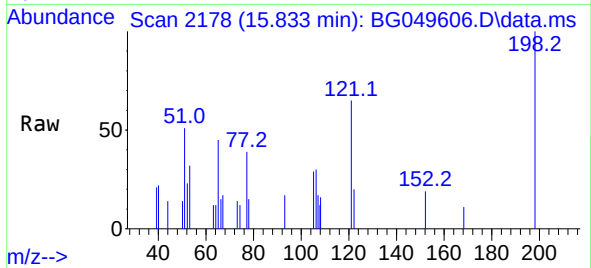
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#65
4,6-Dinitro-2-methylphenol
Concen: 3.073 ng
RT: 15.833 min Scan# 2178
Delta R.T. 0.005 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

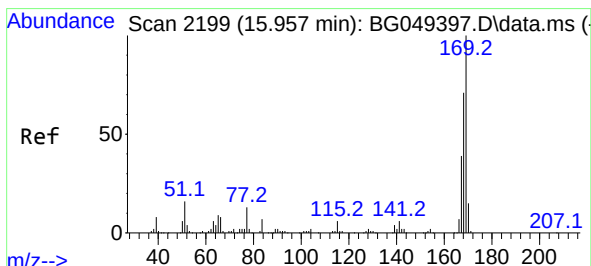
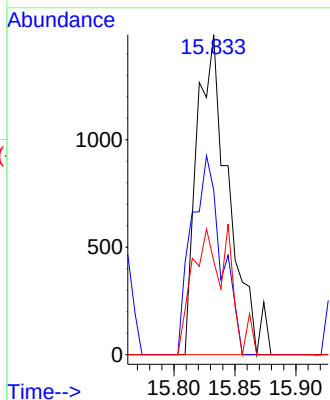
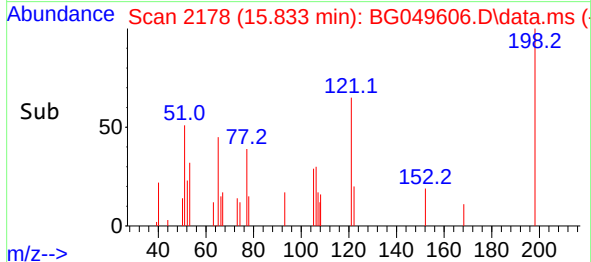
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



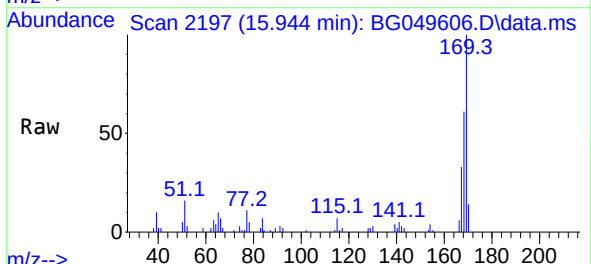
Tgt Ion:198 Resp: 2711
Ion Ratio Lower Upper
198 100
51 51.4 29.4 69.4
105 29.2 15.1 55.1

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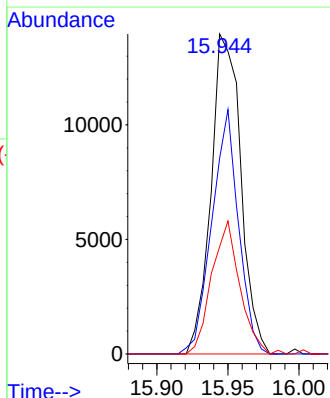
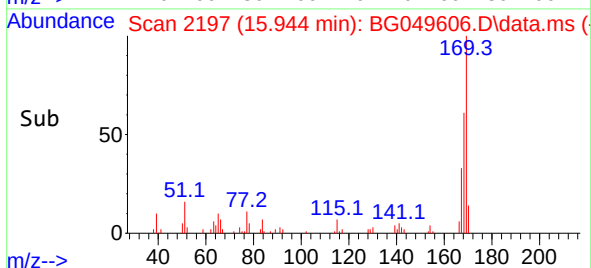
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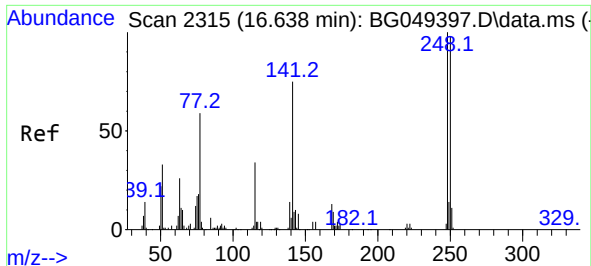


#66
n-Nitrosodiphenylamine
Concen: 4.346 ng
RT: 15.944 min Scan# 2197
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



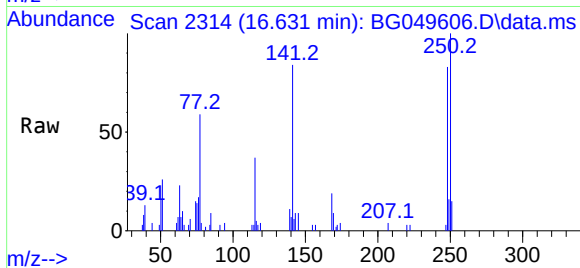
Tgt Ion:169 Resp: 20327
Ion Ratio Lower Upper
169 100
168 61.1 56.3 84.5
167 33.5 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 4.138 ng
RT: 16.631 min Scan# 2314
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

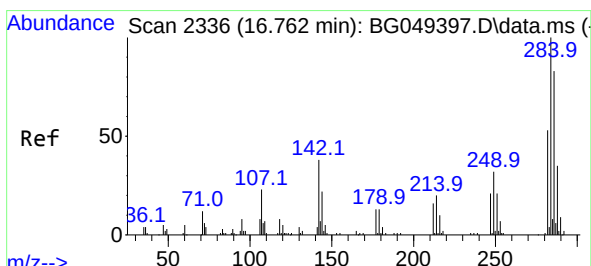
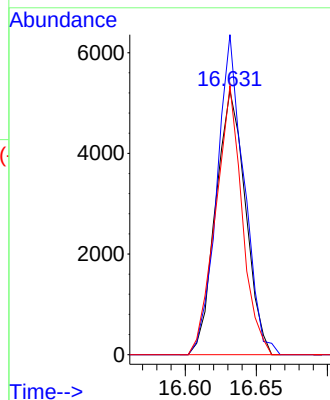
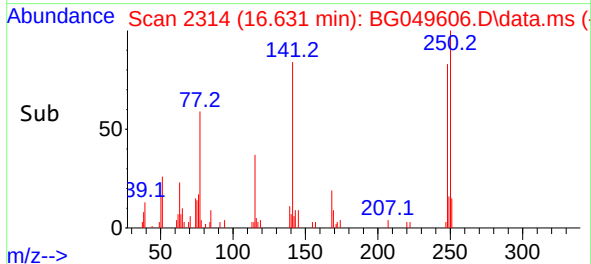
Instrument :
BNA_G
ClientSampleId :
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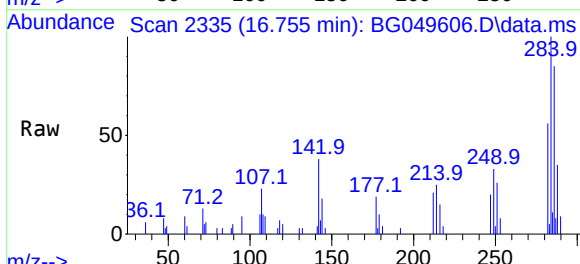
Tgt Ion:248 Resp: 7632
Ion Ratio Lower Upper
248 100
250 121.2 76.1 114.1#
141 101.8 65.4 98.2#

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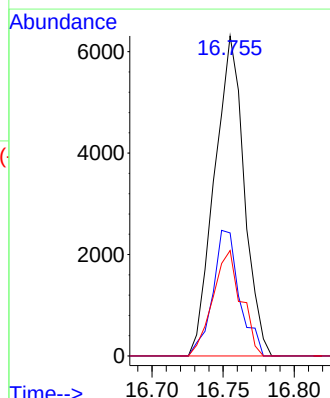
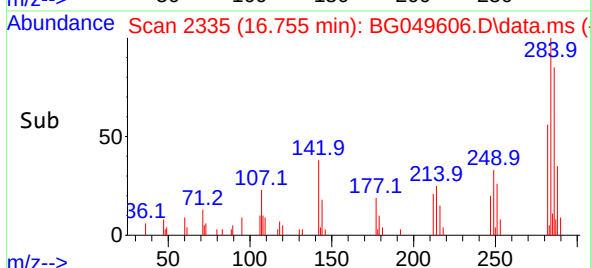
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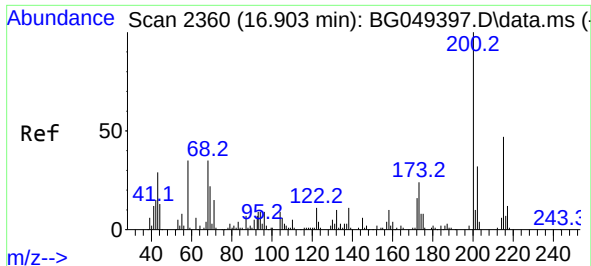


#68
Hexachlorobenzene
Concen: 4.383 ng
RT: 16.755 min Scan# 2335
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



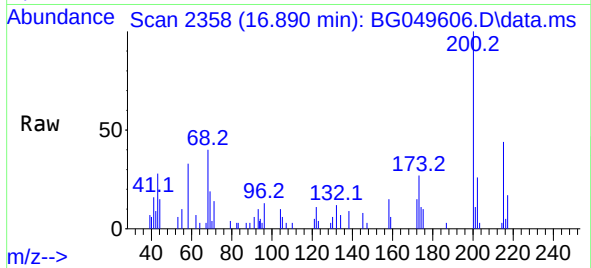
Tgt Ion:284 Resp: 9154
Ion Ratio Lower Upper
284 100
142 38.5 27.0 40.6
249 32.9 28.2 42.2





#69
Atrazine
Concen: 4.895 ng
RT: 16.890 min Scan# 2358
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

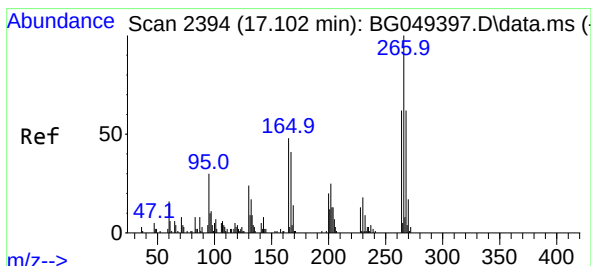
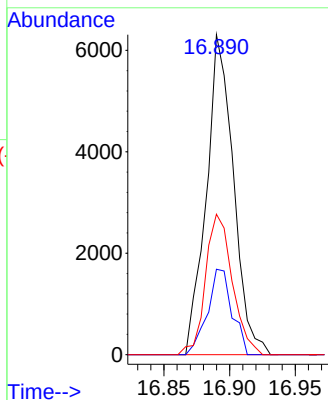
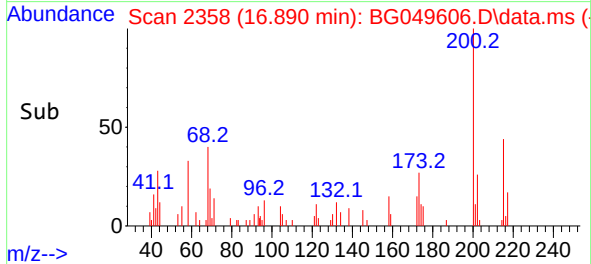
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021



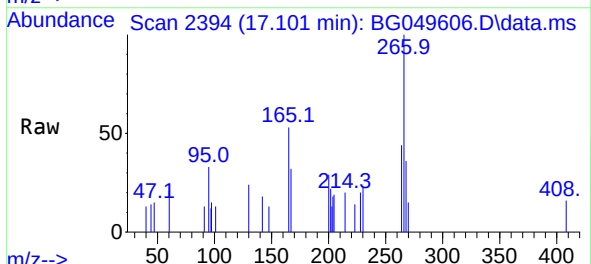
Tgt Ion:200 Resp: 9071
Ion Ratio Lower Upper
200 100
173 26.7 3.7 43.7
215 43.9 26.9 66.9

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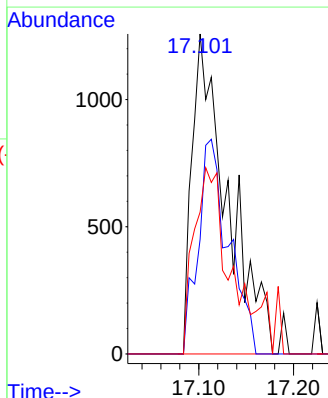
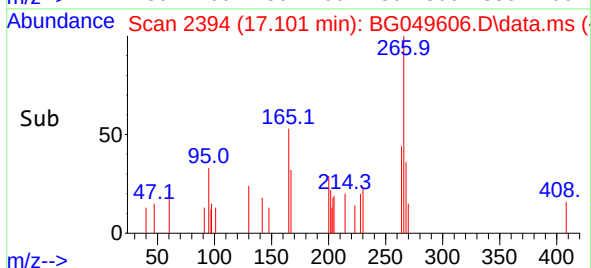
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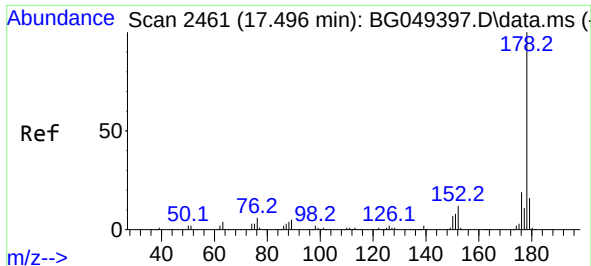


#70
Pentachlorophenol
Concen: 3.466 ng
RT: 17.101 min Scan# 2394
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



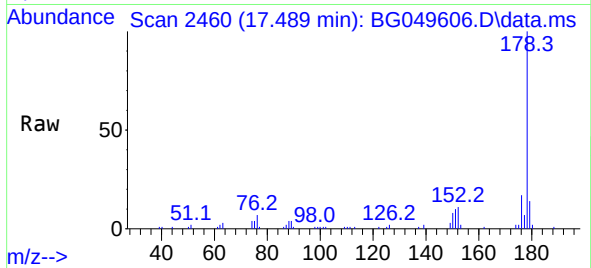
Tgt Ion:266 Resp: 3253
Ion Ratio Lower Upper
266 100
268 35.9 49.0 73.4#
264 44.4 49.0 73.6#





#71
Phenanthrene
Concen: 4.336 ng
RT: 17.489 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

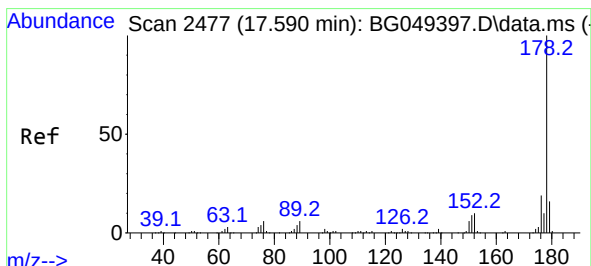
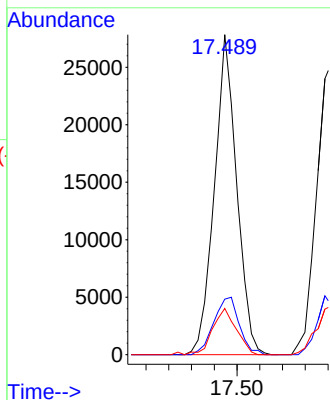
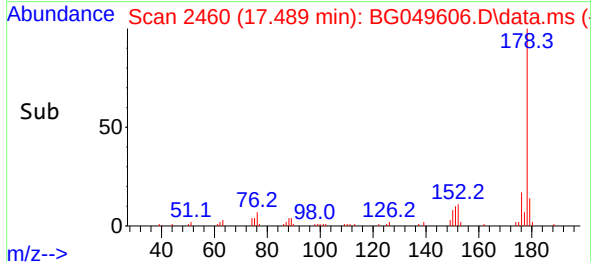
Instrument :
BNA_G
ClientSampleId :
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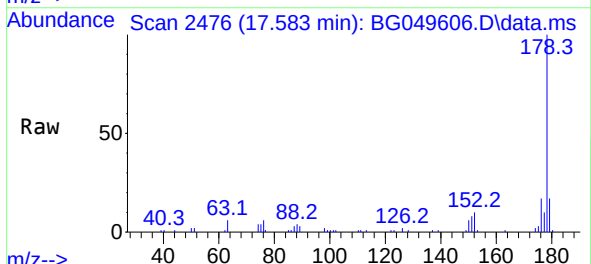
Tgt Ion:178 Resp: 37948
Ion Ratio Lower Upper
178 100
176 17.4 16.0 24.0
179 14.5 14.2 21.4

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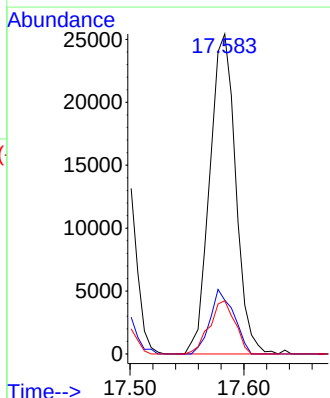
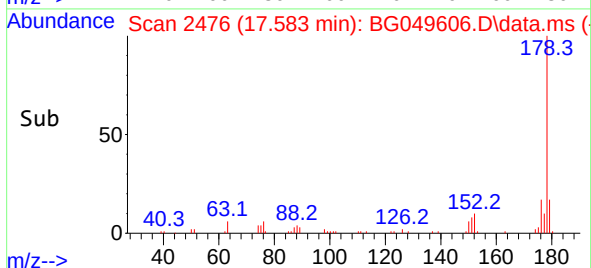
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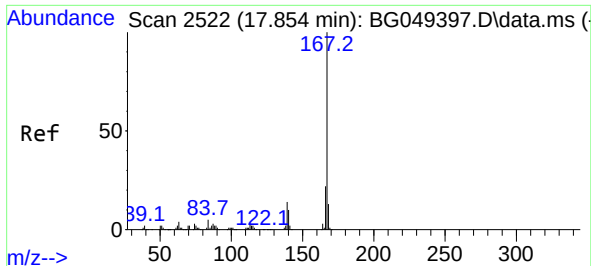


#72
Anthracene
Concen: 4.678 ng
RT: 17.583 min Scan# 2476
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

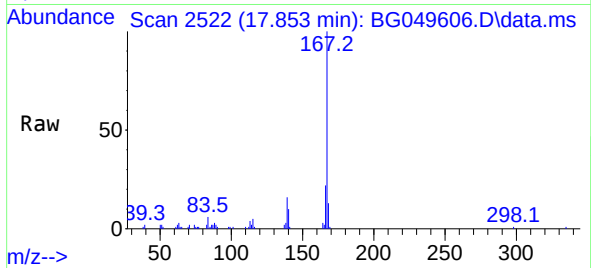


Tgt Ion:178 Resp: 40240
Ion Ratio Lower Upper
178 100
176 16.8 14.6 21.8
179 16.7 13.4 20.0

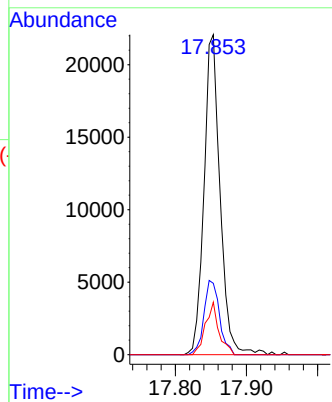
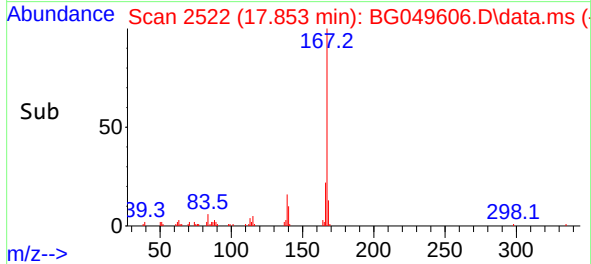




#73
 Carbazole
 Concen: 4.250 ng
 RT: 17.853 min Scan# 2522
 Delta R.T. -0.001 min
 Lab File: BG049606.D
 Acq: 2 Aug 2021 17:19



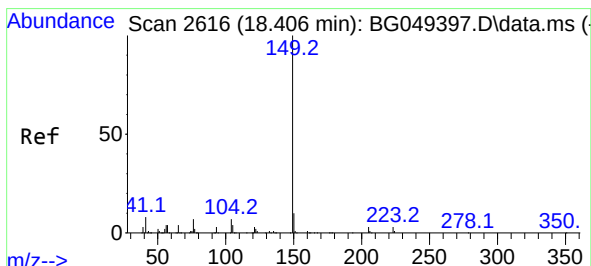
Tgt Ion:167 Resp: 34777
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 16.4 10.7 16.1#



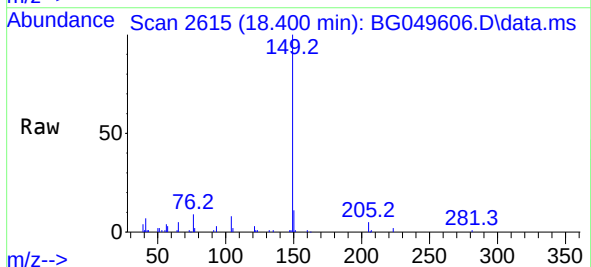
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

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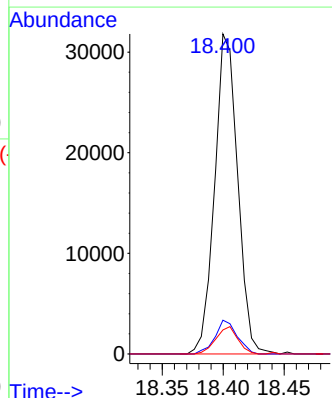
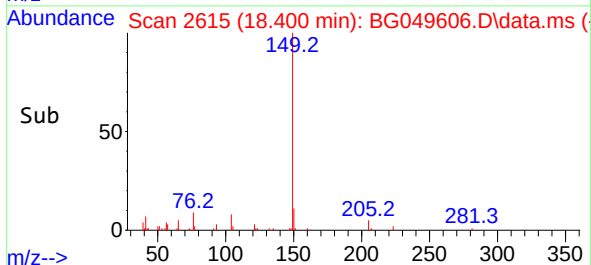
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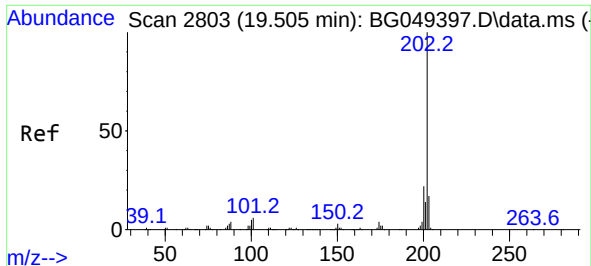


#74
 Di-n-butylphthalate
 Concen: 4.477 ng
 RT: 18.400 min Scan# 2615
 Delta R.T. -0.007 min
 Lab File: BG049606.D
 Acq: 2 Aug 2021 17:19

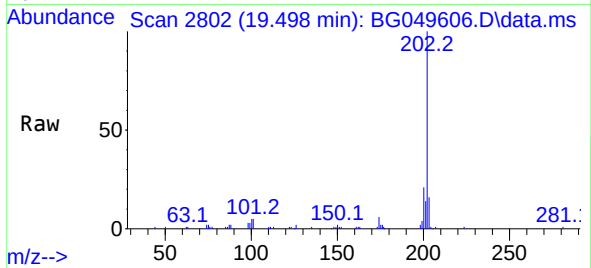


Tgt Ion:149 Resp: 41772
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.5 11.3
 104 7.5 6.6 10.0

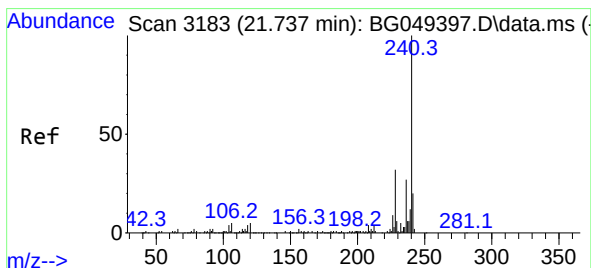
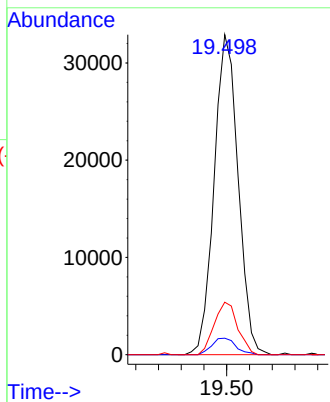
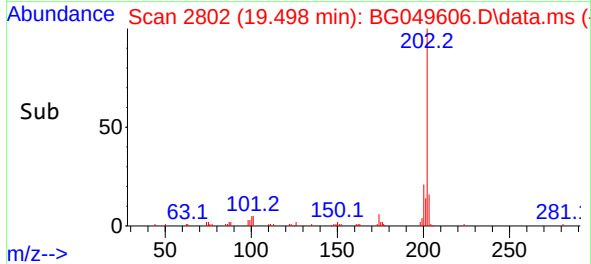




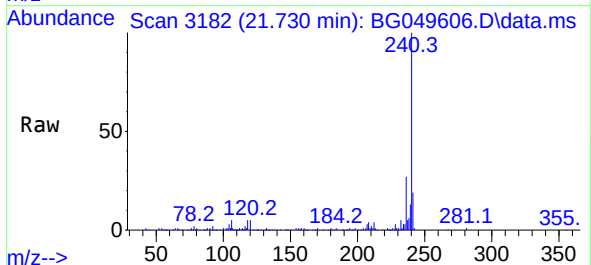
#75
Fluoranthene
Concen: 4.423 ng
RT: 19.498 min Scan# 2802
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



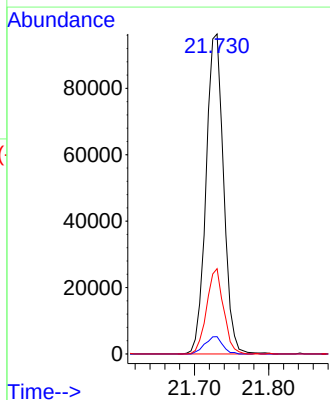
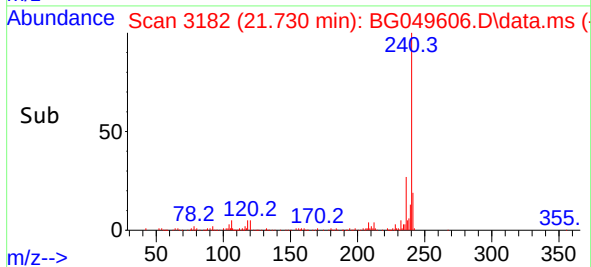
Tgt Ion:202 Resp: 48197
Ion Ratio Lower Upper
202 100
101 5.2 0.0 24.7
203 16.4 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



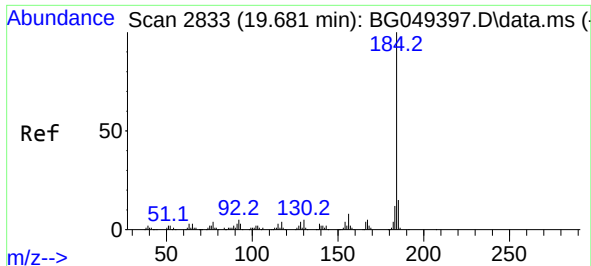
Tgt Ion:240 Resp: 158127
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 26.7 21.8 32.6



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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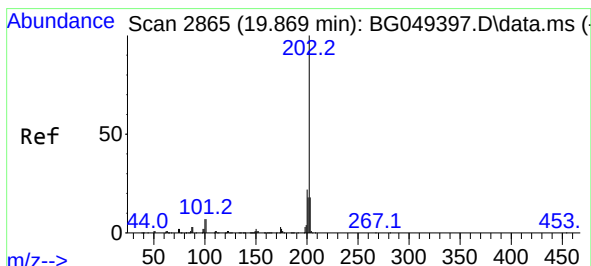
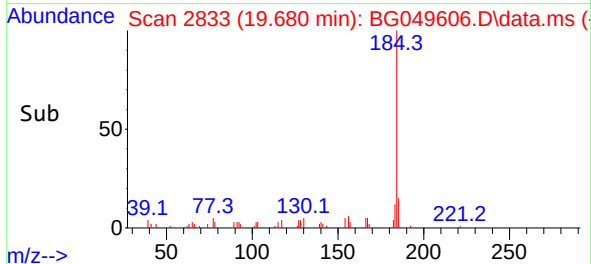
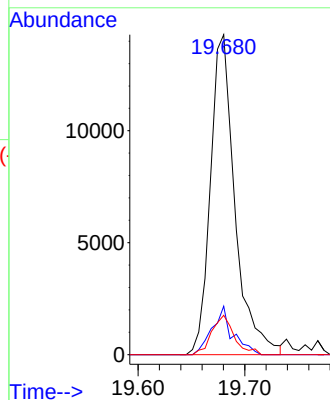
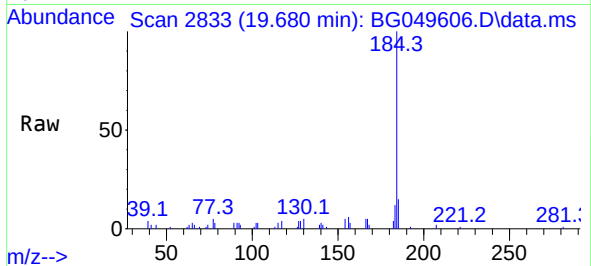
#77
Benzidine
Concen: 5.231 ng
RT: 19.680 min Scan# 2833
Delta R.T. -0.001 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:	184	Resp:	22895
Ion	Ratio	Lower	Upper
184	100		
185	15.1	10.7	16.1
183	12.3	9.4	14.0

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2021

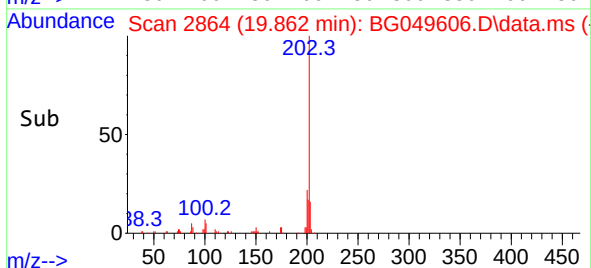
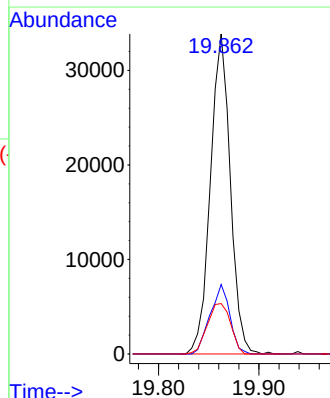
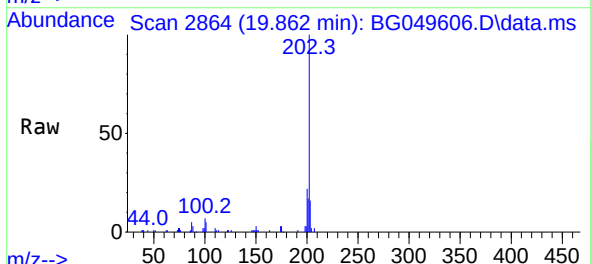
Manual Integrations
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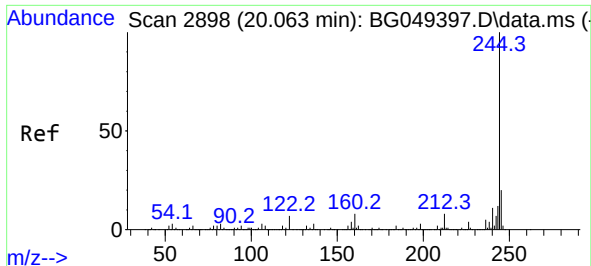
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#78
Pyrene
Concen: 4.495 ng
RT: 19.862 min Scan# 2864
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:	202	Resp:	46658
Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.8	23.8
203	15.8	14.6	21.8





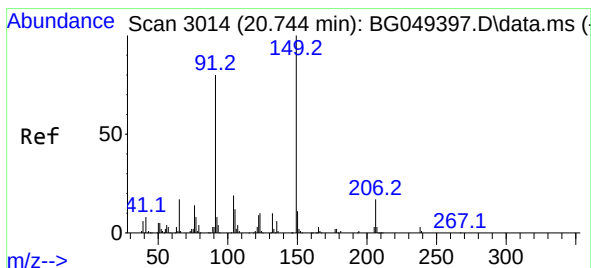
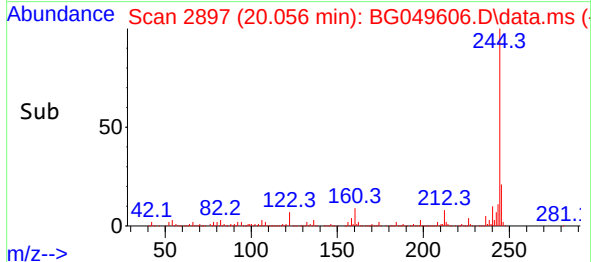
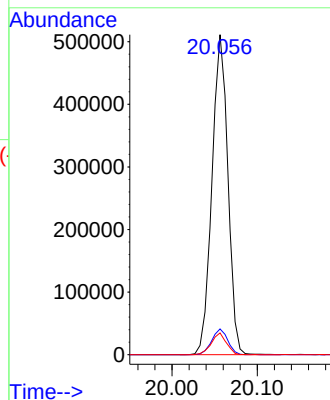
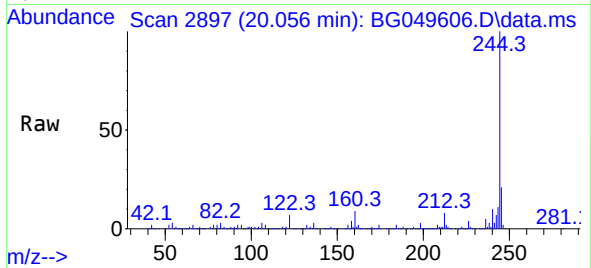
#79
Terphenyl-d14
Concen: 81.767 ng
RT: 20.056 min Scan# 2897
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:244 Resp: 662048
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.8 5.0 7.6

Instrument :
BNA_G
ClientSampleId :
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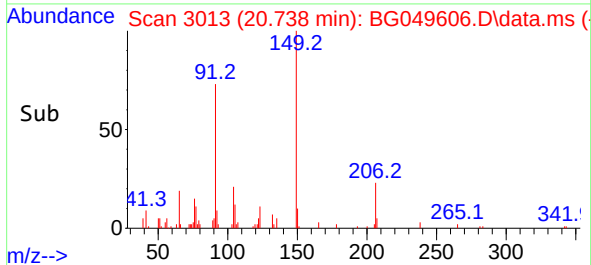
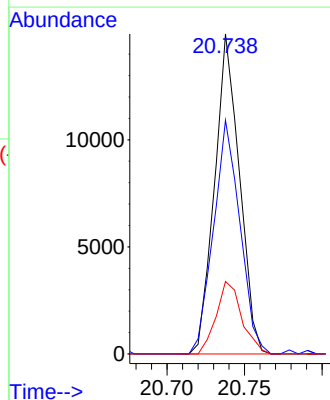
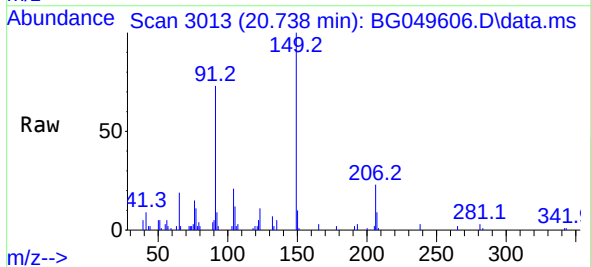
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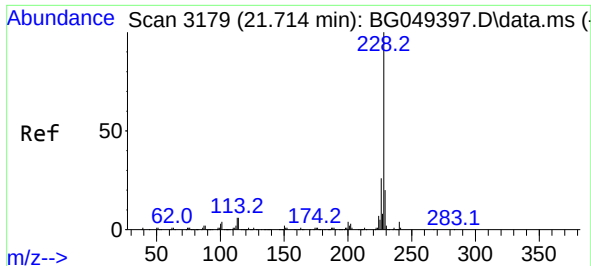
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#80
Butylbenzylphthalate
Concen: 4.411 ng
RT: 20.738 min Scan# 3013
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:149 Resp: 16646
Ion Ratio Lower Upper
149 100
91 73.1 63.4 95.2
206 22.7 18.4 27.6





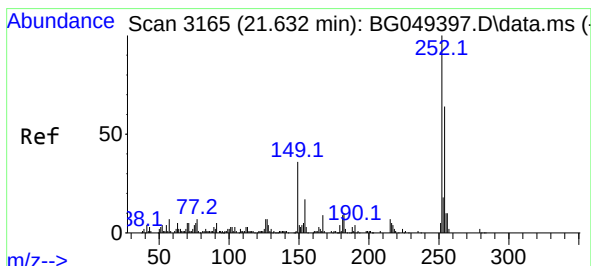
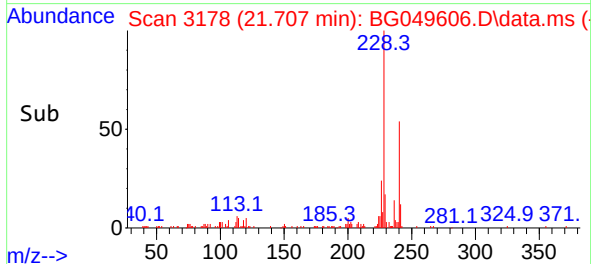
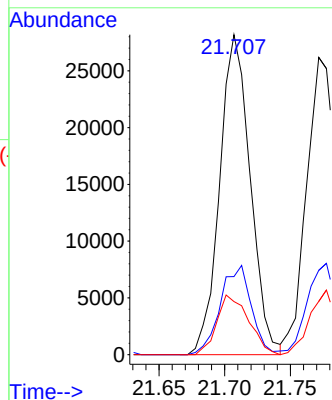
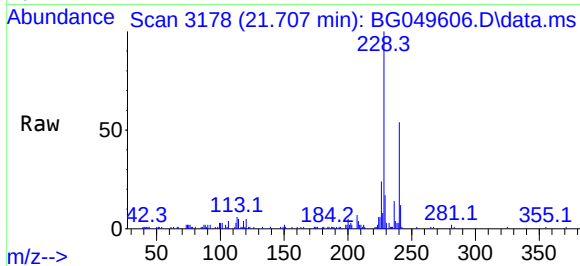
#81
Benzo(a)anthracene
Concen: 4.566 ng
RT: 21.707 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion:	228	Resp:	45730
Ion Ratio	Lower	Upper	
228	100		
226	24.4	22.7	34.1
229	16.6	16.0	24.0

Instrument :
BNA_G
ClientSampleId :
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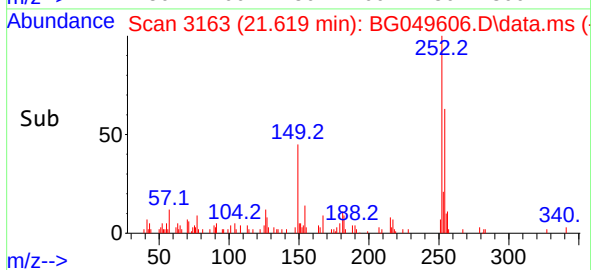
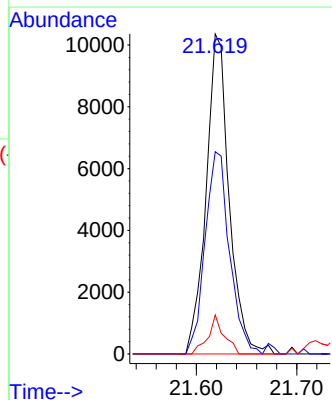
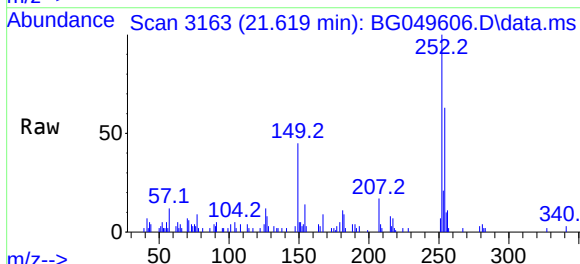
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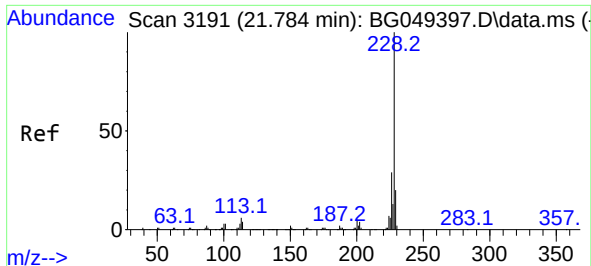
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#82
3,3'-Dichlorobenzidine
Concen: 5.730 ng
RT: 21.619 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

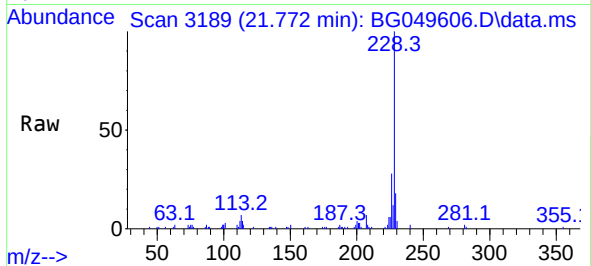
Tgt Ion:	252	Resp:	16557
Ion Ratio	Lower	Upper	
252	100		
254	63.2	52.4	78.6
126	12.2	5.9	8.9#





#83
Chrysene
Concen: 4.475 ng
RT: 21.772 min Scan# 3189
Delta R.T. -0.013 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

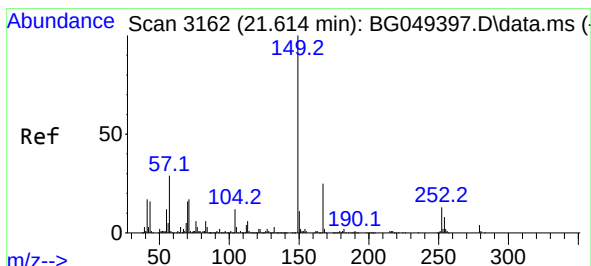
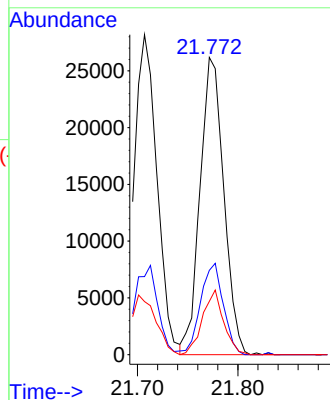
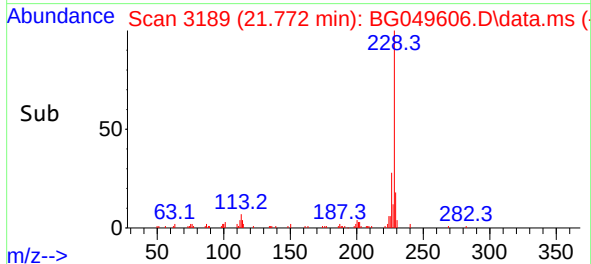
Instrument :
BNA_G
ClientSampleId :
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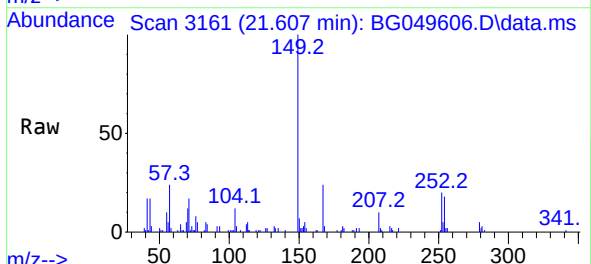
Tgt Ion:228 Resp: 43225
Ion Ratio Lower Upper
228 100
226 28.3 23.1 34.7
229 17.9 15.3 22.9

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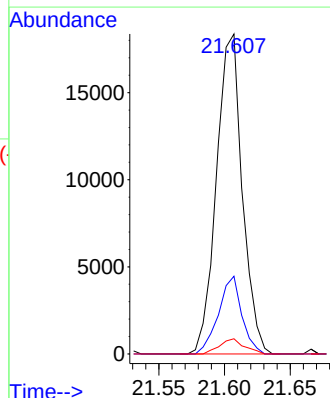
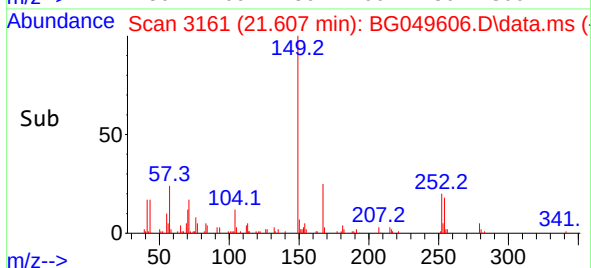
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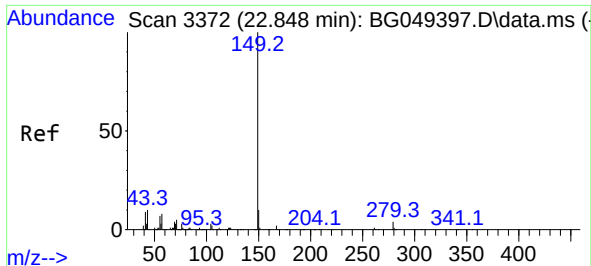


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.441 ng
RT: 21.607 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

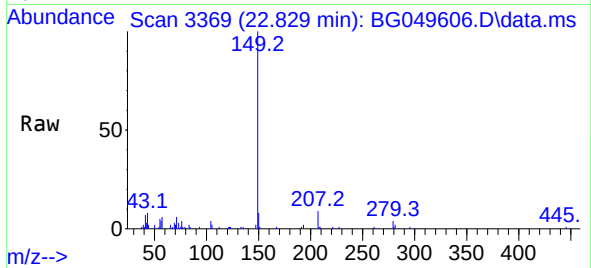


Tgt Ion:149 Resp: 25130
Ion Ratio Lower Upper
149 100
167 24.3 22.3 33.5
279 4.8 3.8 5.8

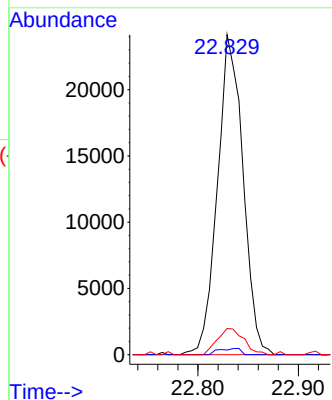




#85
Di-n-octyl phthalate
Concen: 4.359 ng
RT: 22.829 min Scan# 3369
Delta R.T. -0.019 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



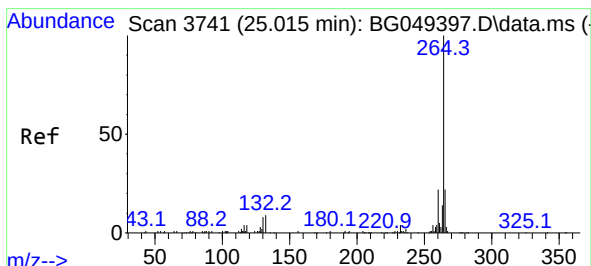
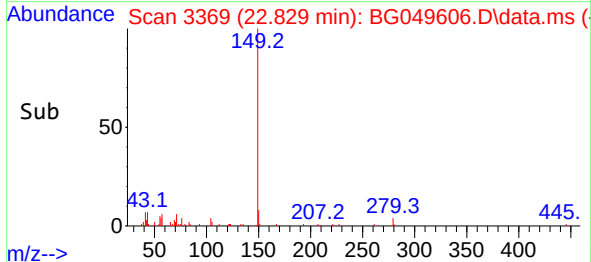
Tgt Ion:149 Resp: 42612
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 8.5 8.6 12.8#



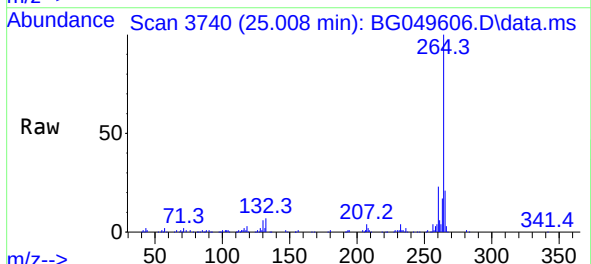
Instrument :
BNA_G
ClientSampleId :
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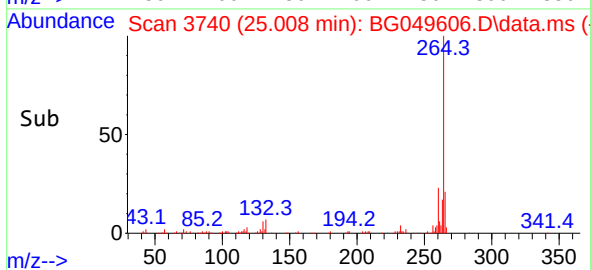
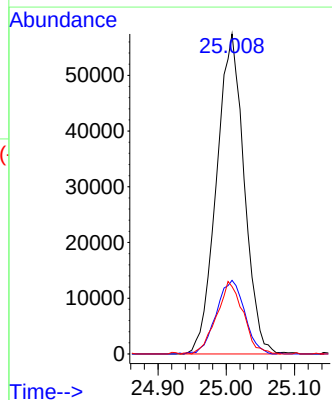
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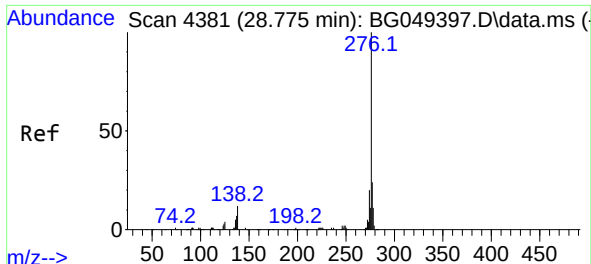


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3740
Delta R.T. -0.007 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



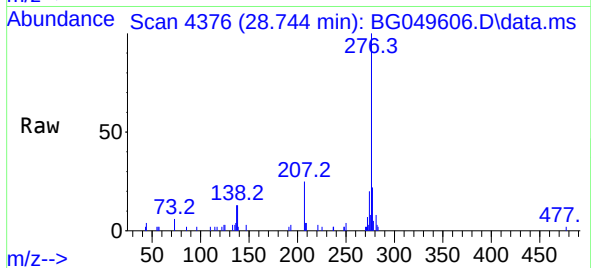
Tgt Ion:264 Resp: 162101
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.0 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.539 ng
RT: 28.744 min Scan# 4376
Delta R.T. -0.030 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

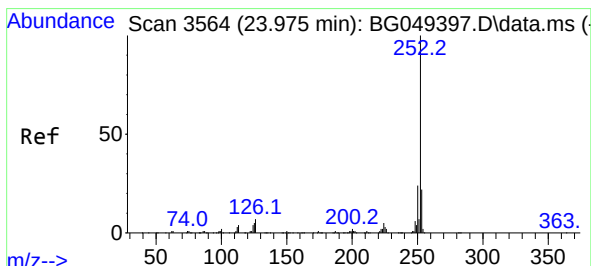
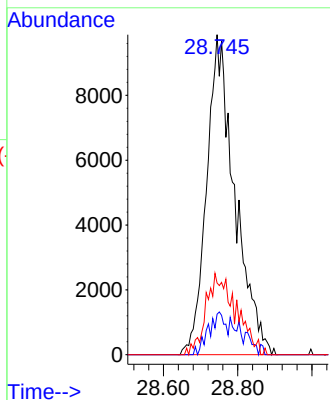
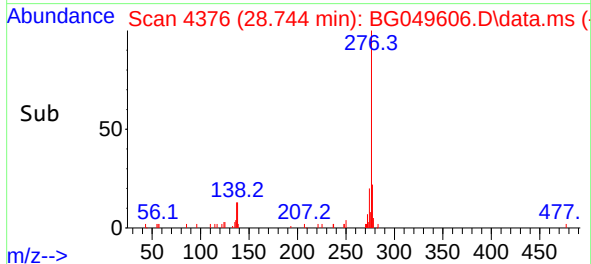
Instrument :
BNA_G
ClientSampleId :
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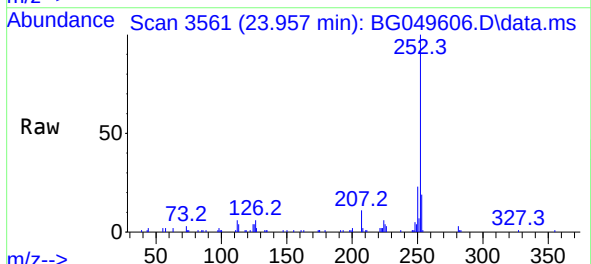
Tgt Ion:276 Resp: 52090
Ion Ratio Lower Upper
276 100
138 5.5 5.1 7.7
277 12.3 19.8 29.6#

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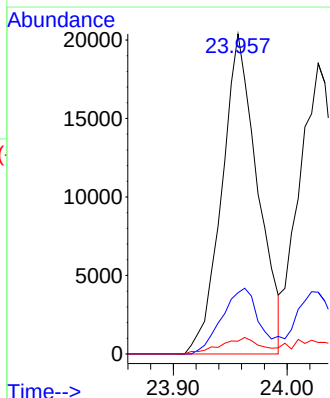
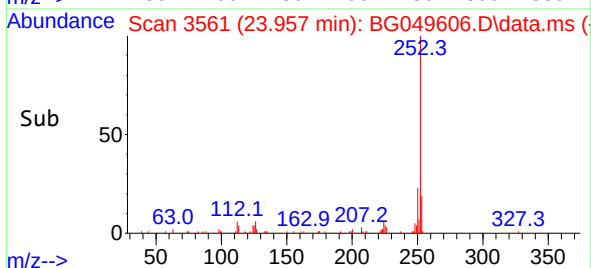
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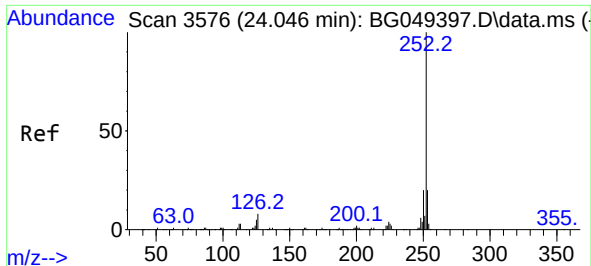


#88
Benzo(b)fluoranthene
Concen: 4.260 ng
RT: 23.957 min Scan# 3561
Delta R.T. -0.019 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19



Tgt Ion:252 Resp: 44500
Ion Ratio Lower Upper
252 100
253 19.2 16.2 24.4
125 4.0 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 4.530 ng

RT: 24.027 min Scan# 3573

Delta R.T. -0.019 min

Lab File: BG049606.D

Acq: 2 Aug 2021 17:19

Tgt Ion:	252	Resp:	44008
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.0	27.0
125	4.0	3.1	4.7

Instrument :

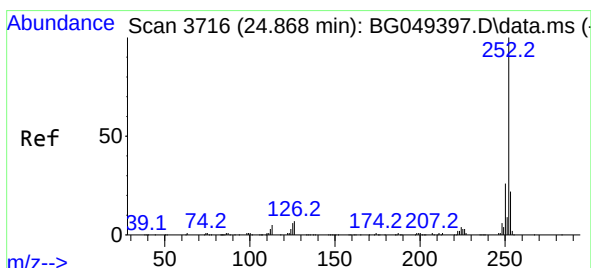
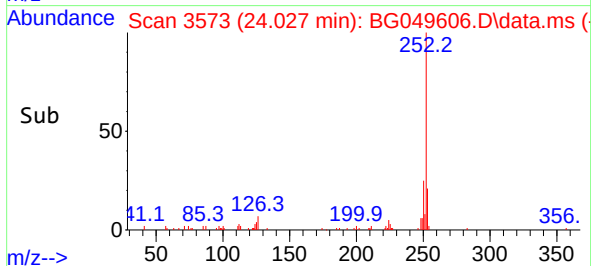
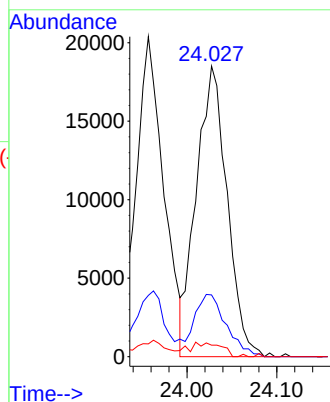
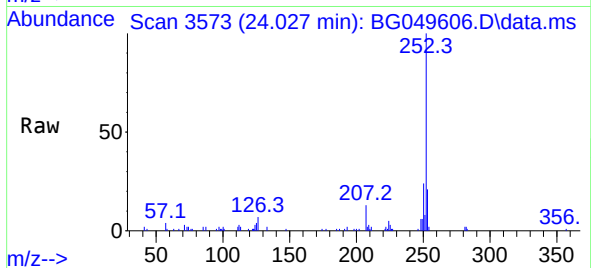
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 4.661 ng

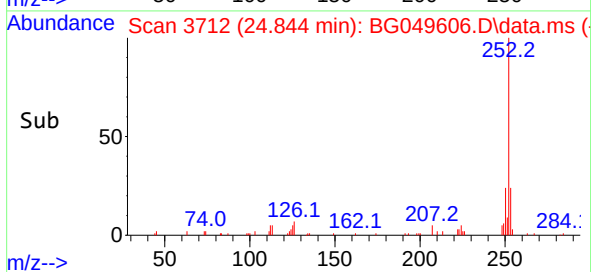
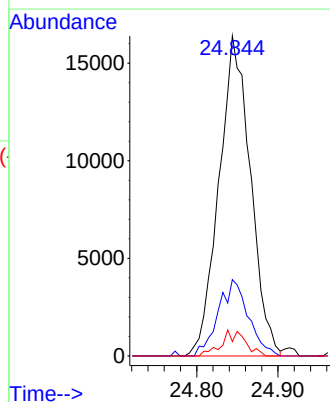
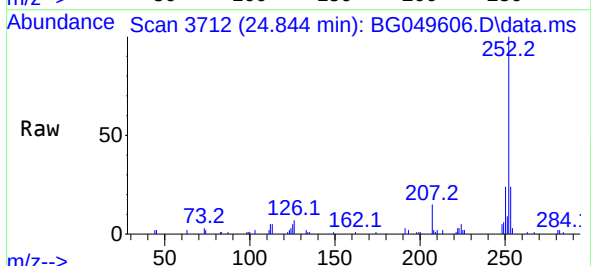
RT: 24.844 min Scan# 3712

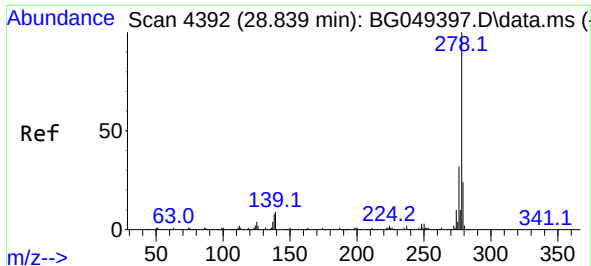
Delta R.T. -0.024 min

Lab File: BG049606.D

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Tgt Ion:	252	Resp:	44129
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.6	25.0
125	4.5	3.5	5.3





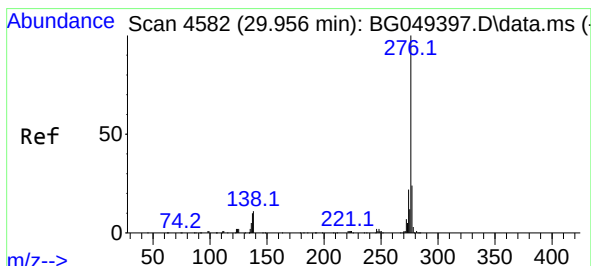
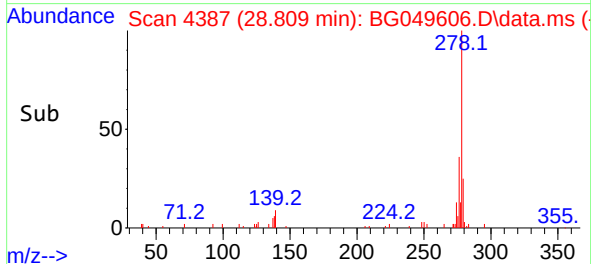
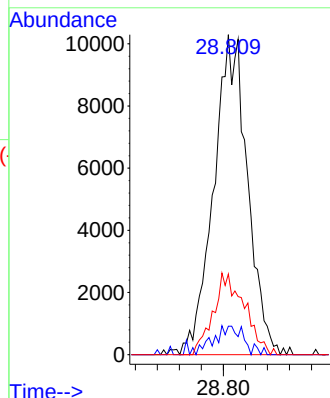
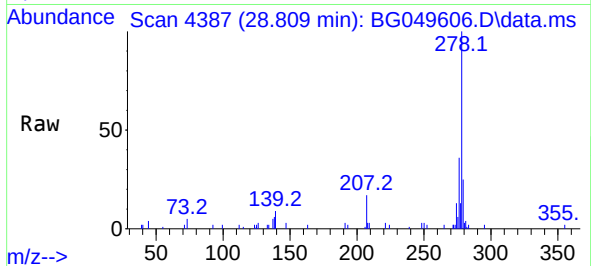
#91
Dibenzo(a,h)anthracene
Concen: 4.543 ng
RT: 28.809 min Scan# 4387
Delta R.T. -0.030 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 278 Resp: 43778
Ion Ratio Lower Upper
278 100
139 8.9 4.6 6.8#
279 25.2 17.9 26.9

Instrument :
BNA_G
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 4.520 ng
RT: 29.919 min Scan# 4576
Delta R.T. -0.036 min
Lab File: BG049606.D
Acq: 2 Aug 2021 17:19

Tgt Ion: 276 Resp: 43102
Ion Ratio Lower Upper
276 100
277 21.0 18.4 27.6
138 7.4 7.0 10.6

