

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050235.D
 Acq On : 9 Sep 2021 18:42
 Operator : CG/JU
 Sample : PB138845BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS845

Manual Integrations
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Quant Time: Sep 10 01:17:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	31185	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.765	136	131784	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.607	164	90345	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.362	188	203504	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	208021	20.000	ng/u1	0.00
88) Perylene-d12	24.846	264	315378	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	4668	7.400	ng/uL	0.00
4) Pyridine-d5	3.727	84	95174	42.505	ng/u1	-0.01
7) Phenol-d5	7.117	99	164882	68.097	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.264	67	89051	62.974	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.481	132	73004	36.329	ng/u1	0.00
15) 4-Methylphenol-d8	8.674	113	70159	36.853	ng/u1	0.00
21) Nitrobenzene-d5	9.120	128	34748	38.415	ng/u1	0.00
24) 2-Nitrophenol-d4	9.843	143	67165	61.064	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.395	165	82605	39.349	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.906	131	86365	33.392	ng/u1	-0.01
46) Dimethylphthalate-d6	14.008	166	232286	34.051	ng/u1	-0.01
49) Acenaphthylene-d8	14.301	160	276471	34.036	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.842	143	28559	34.696	ng/u1	-0.01
60) Fluorene-d10	15.600	176	195953	34.595	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.746	200	42319	34.474	ng/u1	0.00
73) Anthracene-d10	17.462	188	309177	33.843	ng/u1	0.00
81) Pyrene-d10	19.753	212	381215	36.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.634	264	463735	27.777	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.340	88	12015m	16.727	ng/uL	
5) Pyridine	3.751	79	94544	40.172	ng/u1	89
6) Benzaldehyde	7.082	77	124687	92.896	ng/u1	99
8) Phenol	7.146	94	167600	70.291	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.364	93	92564	52.360	ng/u1	97
12) 2-Chlorophenol	7.510	128	69678	35.584	ng/u1#	86
13) 2-Methylphenol	8.403	108	70960	36.975	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.474	45	63414	35.543	ng/u1#	93
16) Acetophenone	8.779	105	115670	41.296	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.756	70	58420	39.112	ng/u1	92
18) 4-Methylphenol	8.738	108	73340	40.235	ng/u1	85
19) Hexachloroethane	9.026	117	30525	37.372	ng/u1	94
22) Nitrobenzene	9.161	77	89275	37.897	ng/u1	99
23) Isophorone	9.684	82	197313	43.863	ng/u1	96
25) 2-Nitrophenol	9.878	139	67654	62.349	ng/u1#	86
26) 2,4-Dimethylphenol	9.937	107	143143	55.436	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.166	93	129232	47.360	ng/u1	96
29) 2,4-Dichlorophenol	10.424	162	78425	40.844	ng/u1	97
30) Naphthalene	10.818	128	226513	37.425	ng/u1	99
32) 4-Chloroaniline	10.929	127	87275	35.823	ng/u1#	87
33) Hexachlorobutadiene	11.094	225	56851	37.354	ng/u1	96
34) Caprolactam	11.699	113	23391m	40.042	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	83193	38.443	ng/u1	98
36) 2-Methylnaphthalene	12.427	142	169095	37.780	ng/u1	96

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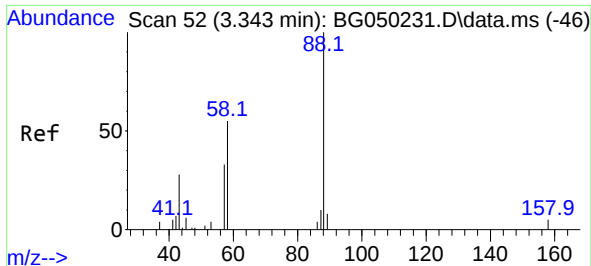
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	162664	37.849	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.797	216	99375	32.521	ng/ul#	97
40) Hexachlorocyclopentadiene	12.768	237	18843	22.742	ng/ul#	80
41) 2,4,6-Trichlorophenol	13.044	196	57441	33.294	ng/ul	90
42) 2,4,5-Trichlorophenol	13.132	196	60315	33.431	ng/ul	91
43) 1,1'-Biphenyl	13.438	154	220444	33.799	ng/ul	99
44) 2-Chloronaphthalene	13.485	162	173917	33.907	ng/ul	99
45) 2-Nitroaniline	13.696	65	56322	34.685	ng/ul	97
47) Dimethylphthalate	14.055	163	232137	35.652	ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	51126	36.878	ng/ul	93
50) Acenaphthylene	14.331	152	260204	34.276	ng/ul	98
51) 3-Nitroaniline	14.525	138	47542	37.668	ng/ul	97
52) Acenaphthene	14.671	153	186520	34.482	ng/ul	93
53) 2,4-Dinitrophenol	14.748	184	20401	35.931	ng/ul#	81
55) 4-Nitrophenol	14.853	109	33497	36.568	ng/ul	91
56) Dibenzofuran	15.006	168	259919	34.926	ng/ul	100
57) 2,4-Dinitrotoluene	14.989	165	72573	36.633	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.241	232	52308	38.279	ng/ul	92
59) Diethylphthalate	15.417	149	242310	36.820	ng/ul	99
61) Fluorene	15.658	166	218012	34.941	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.647	204	115907	34.889	ng/ul	98
63) 4-Nitroaniline	15.688	138	48971m	41.660	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.758	198	38271	35.103	ng/ul#	95
67) N-Nitrosodiphenylamine	15.864	169	187031	33.989	ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	83242	34.518	ng/ul	96
69) Hexachlorobenzene	16.669	284	94937	34.722	ng/ul	94
70) Atrazine	16.816	200	86017	37.281	ng/ul	99
71) Pentachlorophenol	17.027	266	24112m	32.194	ng/ul	
72) Phenanthrene	17.403	178	370382	35.685	ng/ul	96
74) Anthracene	17.497	178	360706	34.273	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.408	216	104057	32.995	ng/uL	88
76) Pentachlorobenzene	14.930	250	104176	31.992	ng/uL	95
77) Carbazole	17.767	167	324754	35.001	ng/ul	98
78) Di-n-butylphthalate	18.314	149	405718	36.158	ng/ul	98
80) Fluoranthene	19.418	202	469955	36.492	ng/ul#	96
82) Pyrene	19.782	202	465221	36.831	ng/ul	98
83) Butylbenzylphthalate	20.657	149	180730	37.412	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.527	252	162329	36.178	ng/ul	97
85) Benzo(a)anthracene	21.615	228	449777	35.318	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.503	149	264142	36.612	ng/ul	99
87) Chrysene	21.680	228	427410	36.003	ng/ul	96
89) Di-n-octyl phthalate	22.696	149	449199	24.610	ng/ul	100
90) Benzo(b)fluoranthene	23.824	252	737425	37.363	ng/ul#	97
91) Benzo(k)fluoranthene	23.888	252	674846	35.819	ng/ul#	98
93) Benzo(a)pyrene	24.699	252	608409	35.260	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.535	276	546810	24.185	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.576	278	453083	24.157	ng/ul#	99
96) Benzo(g,h,i)perylene	29.675	276	459698	25.377	ng/ul	97

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



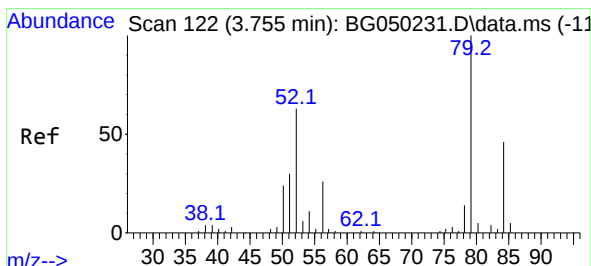
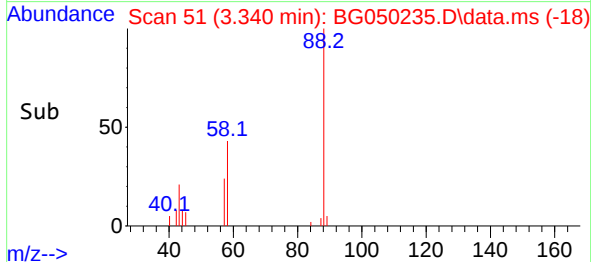
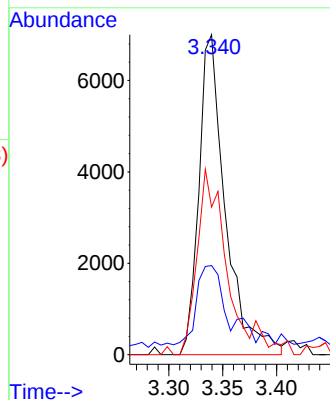
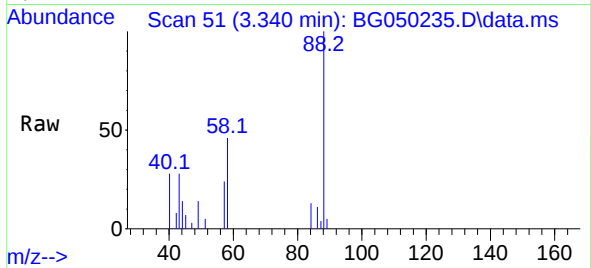
#2
1,4-Dioxane
Concen: 16.727 ng/uL m
RT: 3.340 min Scan# 51
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion: 88 Resp: 12015
Ion Ratio Lower Upper
88 100
43 27.9 21.6 32.4
58 46.1 52.0 78.0#

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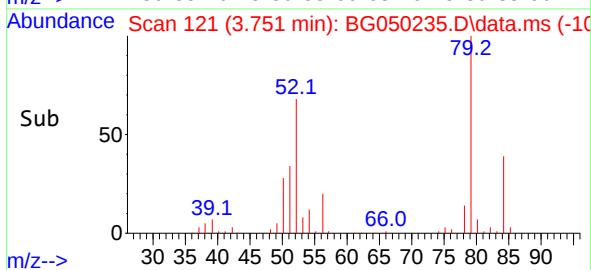
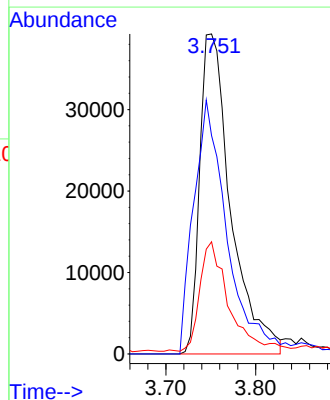
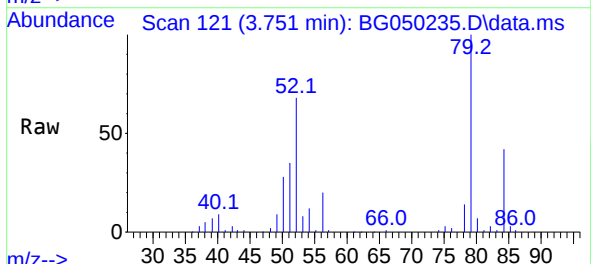
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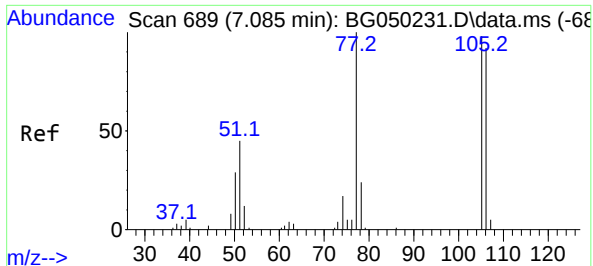
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#5
Pyridine
Concen: 40.172 ng/uL
RT: 3.751 min Scan# 121
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion: 79 Resp: 94544
Ion Ratio Lower Upper
79 100
52 68.2 61.1 91.7
51 35.1 34.8 52.2





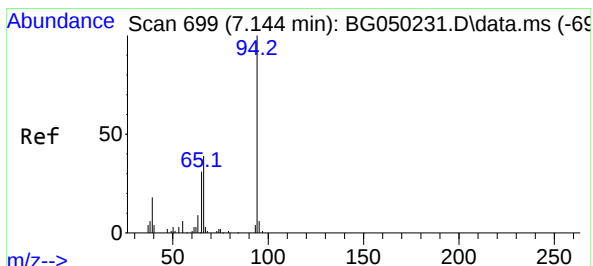
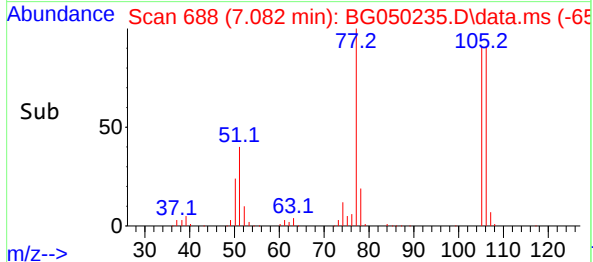
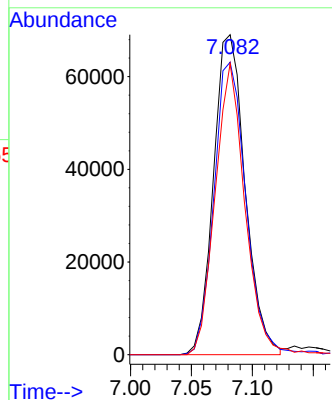
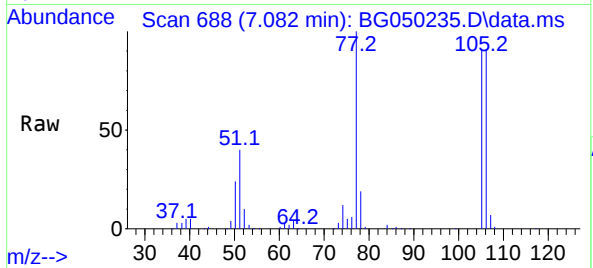
#6
Benzaldehyde
Concen: 92.896 ng/ul
RT: 7.082 min Scan# 688
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:	77	Resp:	124687
Ion	Ratio	Lower	Upper
77	100		
105	91.4	72.3	108.5
106	90.9	72.3	108.5

Instrument :
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ClientSampleId :
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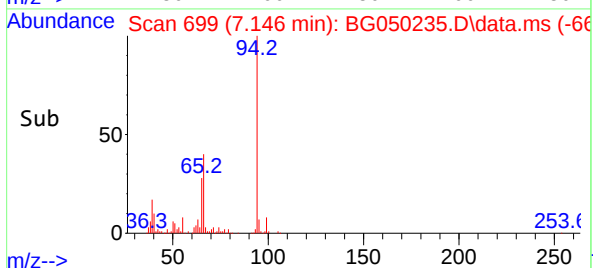
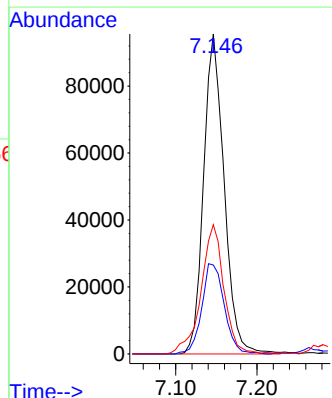
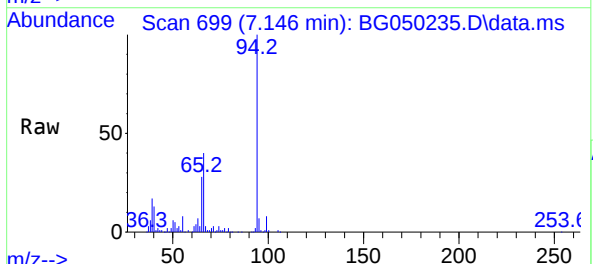
Manual Integrations
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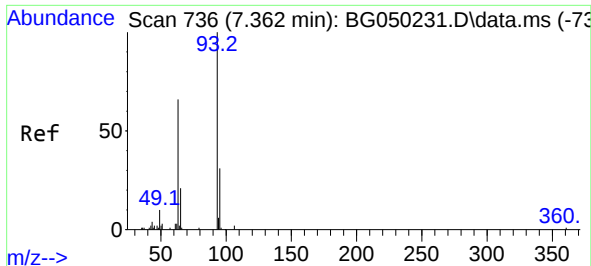
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#8
Phenol
Concen: 70.291 ng/ul
RT: 7.146 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

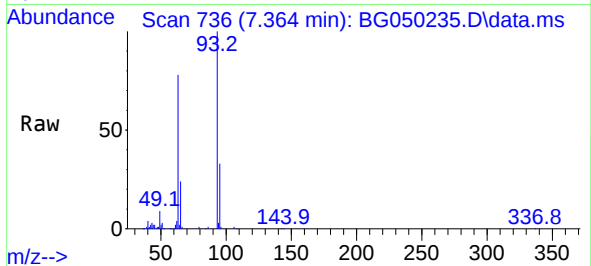
Tgt Ion:	94	Resp:	167600
Ion	Ratio	Lower	Upper
94	100		
65	27.8	27.7	41.5
66	40.4	39.0	58.4





#10
Bis(2-Chloroethyl)ether
Concen: 52.360 ng/ul
RT: 7.364 min Scan# 736
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

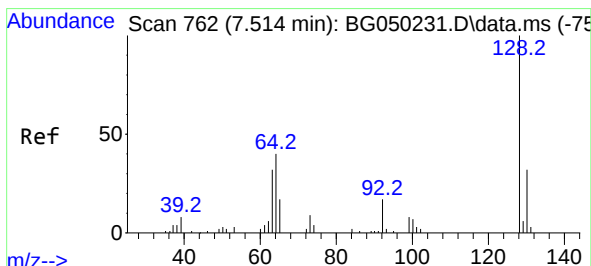
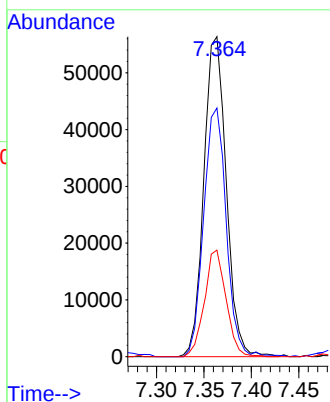
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ClientSampleId :
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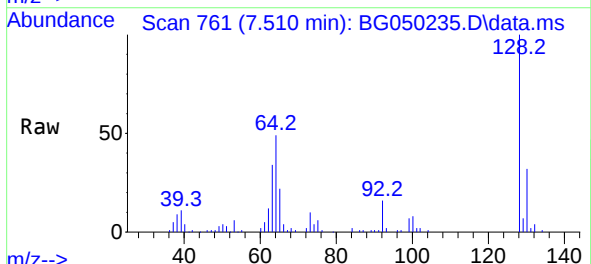
Tgt Ion:	93	Resp:	92564
Ion	Ratio	Lower	Upper
93	100		
63	77.7	59.9	89.9
95	33.3	27.6	41.4

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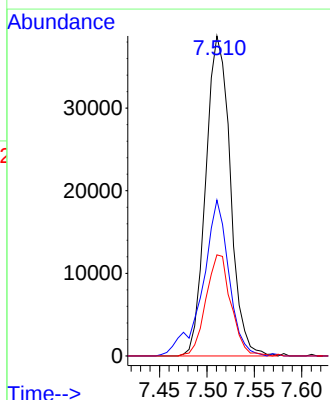
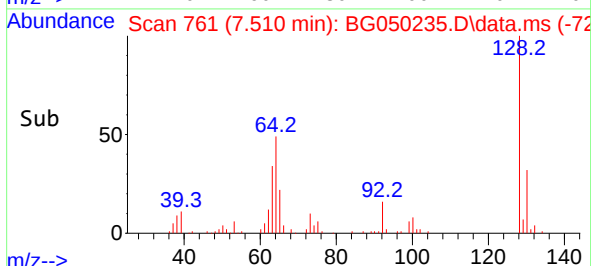
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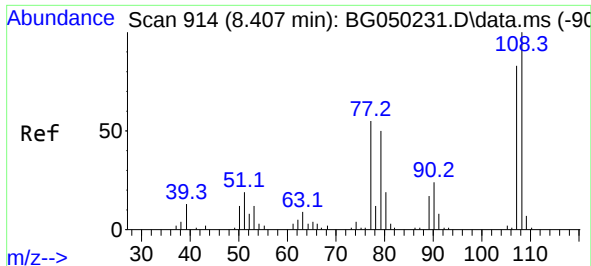


#12
2-Chlorophenol
Concen: 35.584 ng/ul
RT: 7.510 min Scan# 761
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



Tgt Ion:	128	Resp:	69678
Ion	Ratio	Lower	Upper
128	100		
64	48.7	28.0	42.0#
130	31.6	24.4	36.6





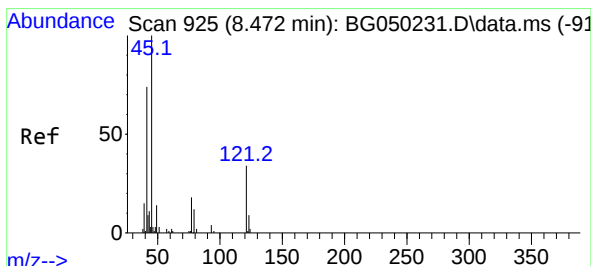
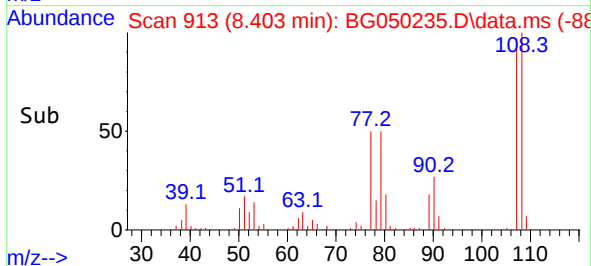
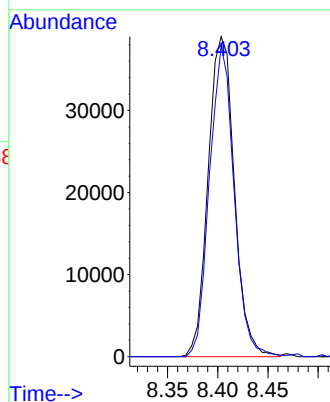
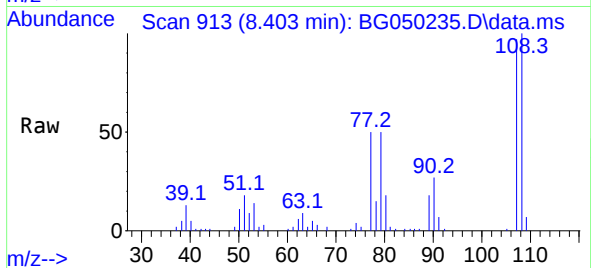
#13
2-Methylphenol
Concen: 36.975 ng/ul
RT: 8.403 min Scan# 913
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion: 108 Resp: 70960
Ion Ratio Lower Upper
108 100
107 97.3 71.0 106.4

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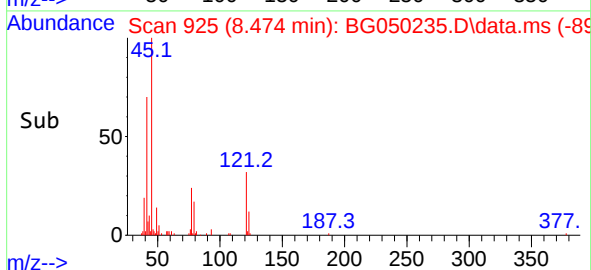
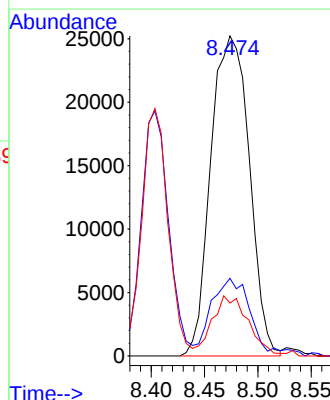
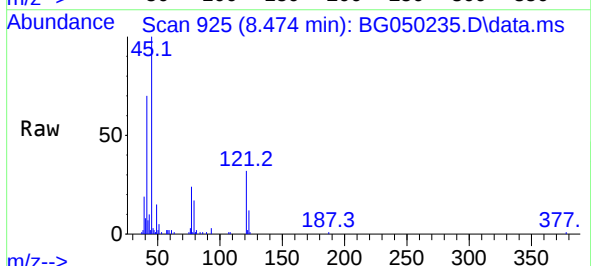
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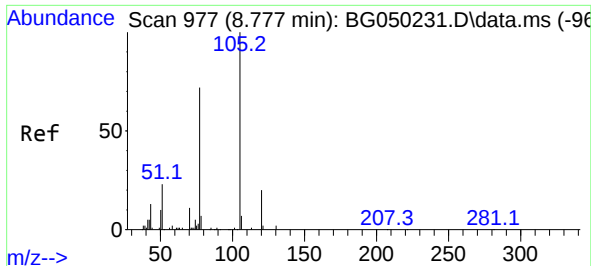
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 35.543 ng/ul
RT: 8.474 min Scan# 925
Delta R.T. 0.000 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

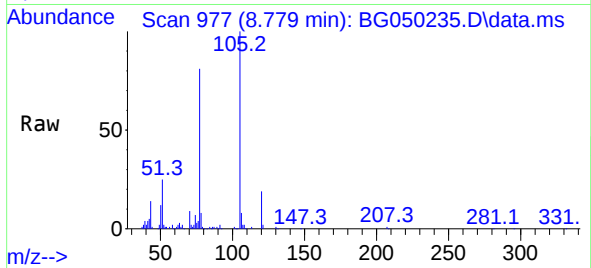
Tgt Ion: 45 Resp: 63414
Ion Ratio Lower Upper
45 100
77 24.3 16.9 25.3
79 16.5 11.0 16.4#





#16
Acetophenone
Concen: 41.296 ng/ul
RT: 8.779 min Scan# 977
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

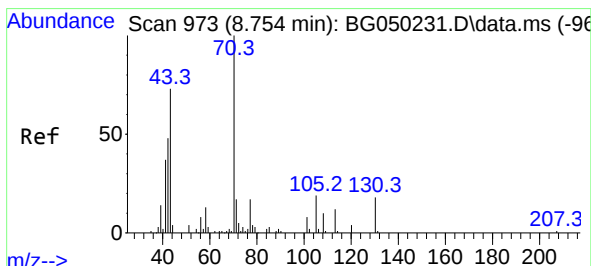
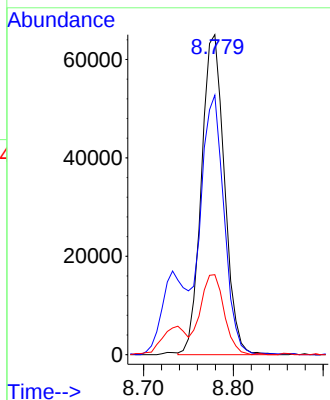
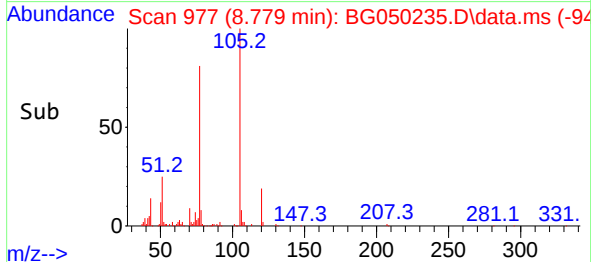
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ClientSampled :
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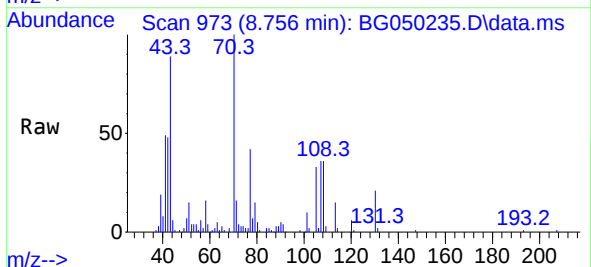
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Ion Ratio Lower Upper
105 100
77 81.1 67.7 101.5
51 25.0 25.3 37.9#

Manual Integrations
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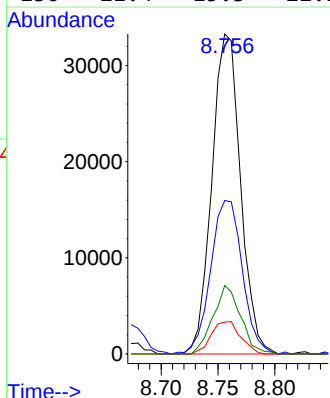
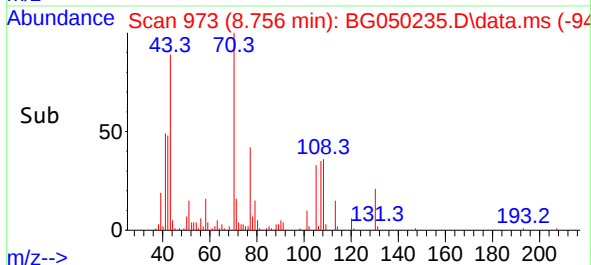
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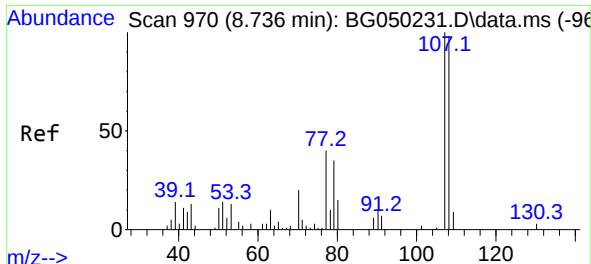


#17
N-Nitroso-di-n-propylamine
Concen: 39.112 ng/ul
RT: 8.756 min Scan# 973
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



Tgt Ion: 70 Resp: 58420
Ion Ratio Lower Upper
70 100
42 47.9 44.2 66.4
101 10.0 7.8 11.8
130 21.4 15.3 22.9





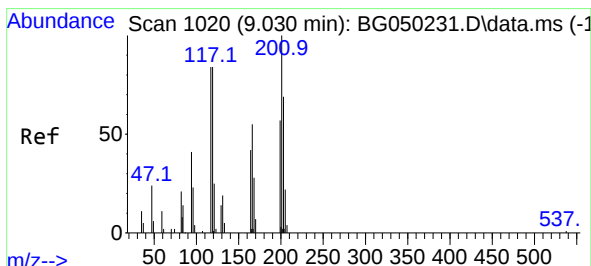
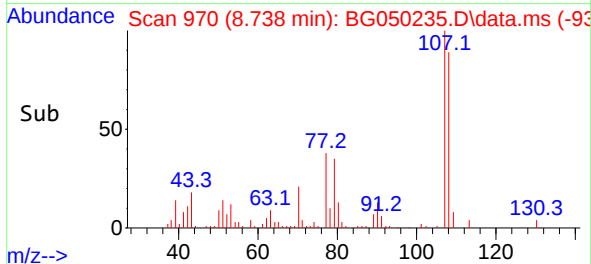
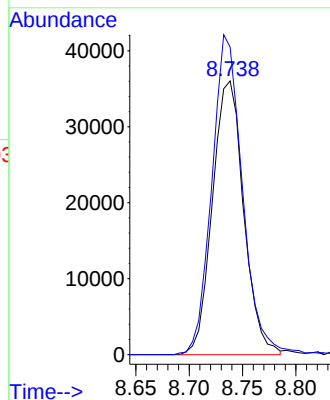
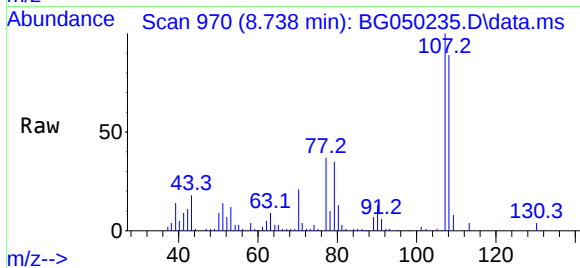
#18
4-Methylphenol
Concen: 40.235 ng/ul
RT: 8.738 min Scan# 970
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:108 Resp: 73340
Ion Ratio Lower Upper
108 100
107 112.3 78.3 117.5

Instrument :
BNA_G
ClientSampled :
SLCS845

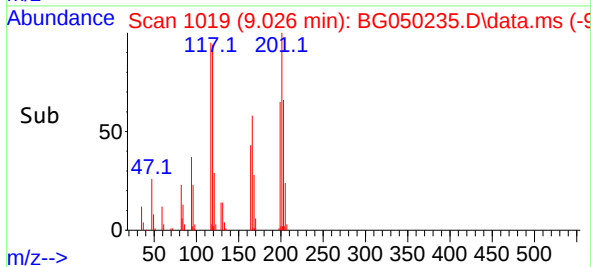
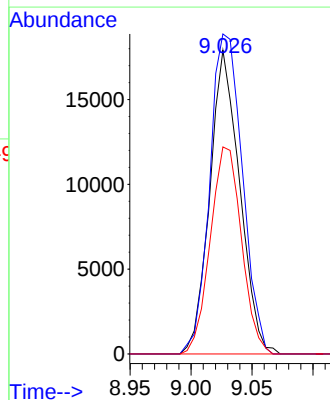
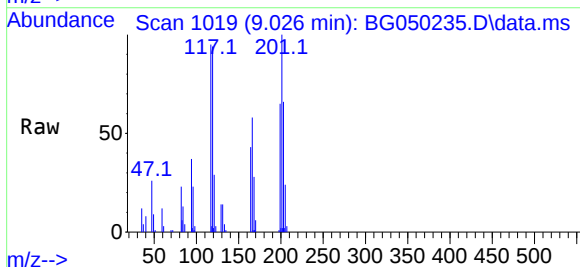
Manual Integrations
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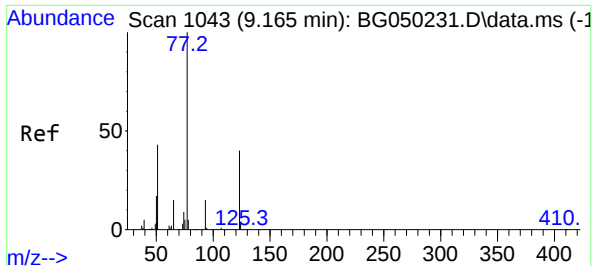
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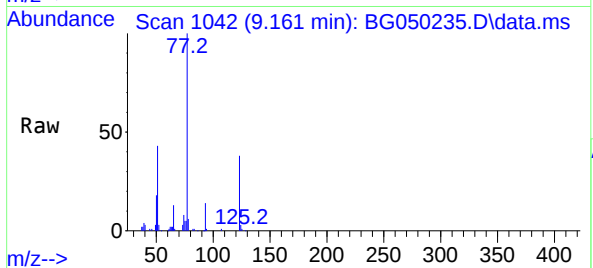
#19
Hexachloroethane
Concen: 37.372 ng/ul
RT: 9.026 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:117 Resp: 30525
Ion Ratio Lower Upper
117 100
201 105.4 89.3 133.9
199 68.2 50.5 75.7

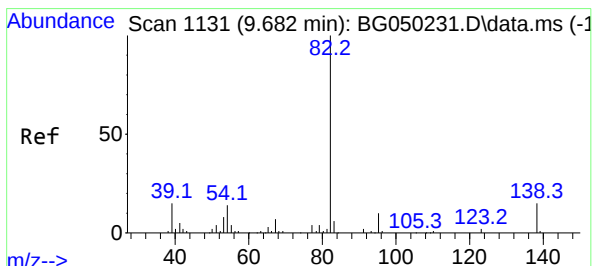
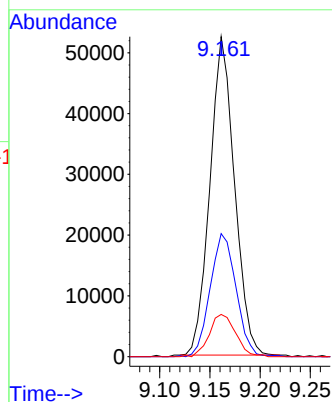
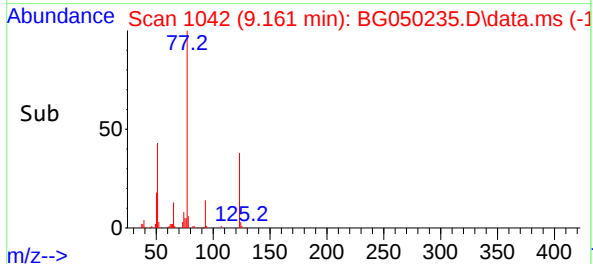




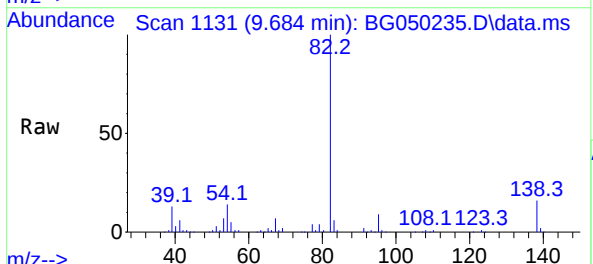
#22
Nitrobenzene
Concen: 37.897 ng/ul
RT: 9.161 min Scan# 1042
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



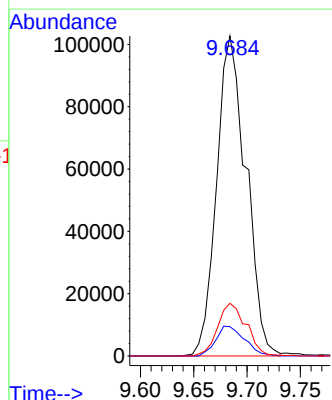
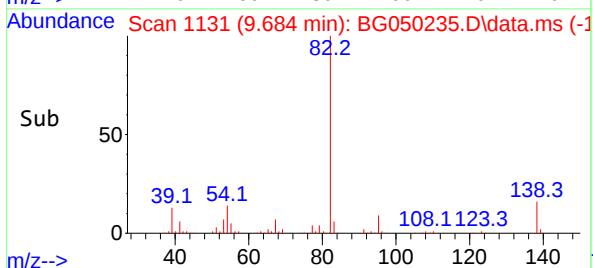
Tgt Ion: 77 Resp: 89275
Ion Ratio Lower Upper
77 100
123 38.4 30.4 45.6
65 13.2 11.3 16.9



#23
Isophorone
Concen: 43.863 ng/ul
RT: 9.684 min Scan# 1131
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



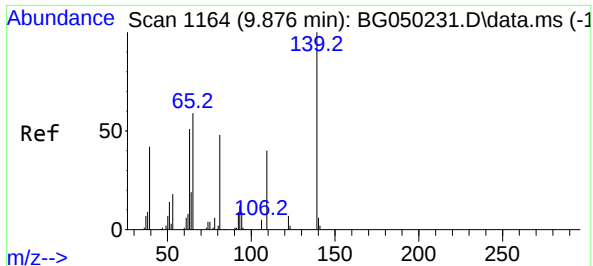
Tgt Ion: 82 Resp: 197313
Ion Ratio Lower Upper
82 100
95 9.2 7.8 11.8
138 16.5 11.4 17.0



Instrument :
BNA_G
ClientSampleId :
SLCS845

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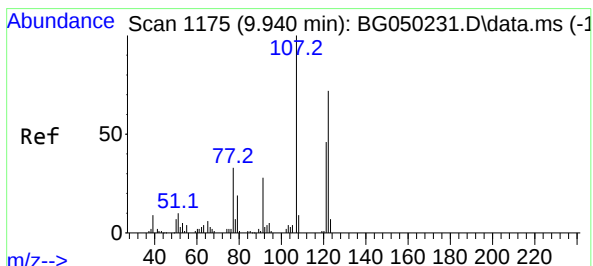
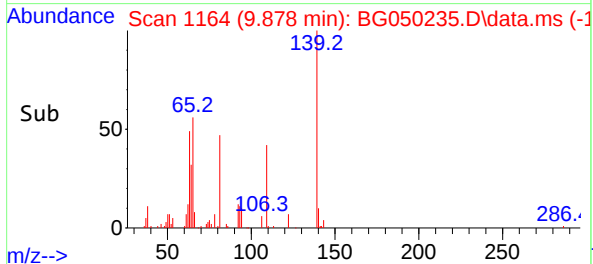
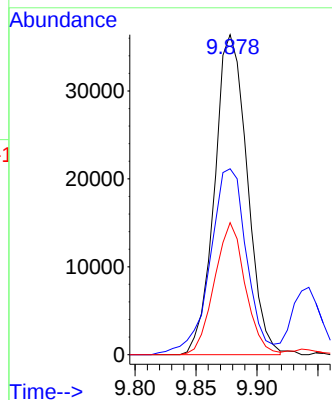
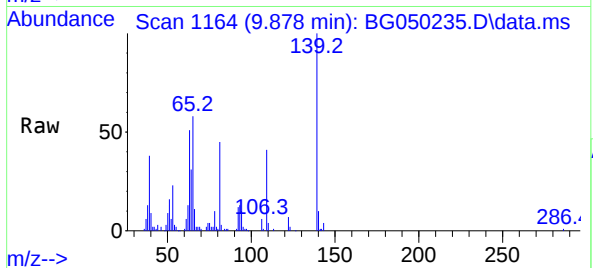
#25
2-Nitrophenol
Concen: 62.349 ng/ul
RT: 9.878 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:139 Resp: 67654
Ion Ratio Lower Upper
139 100
65 58.1 53.1 79.7
109 41.3 44.1 66.1#

Instrument :
BNA_G
ClientSampleId :
SLCS845

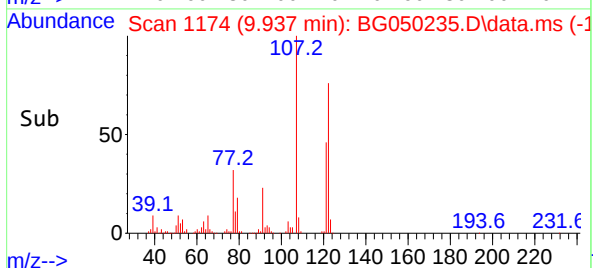
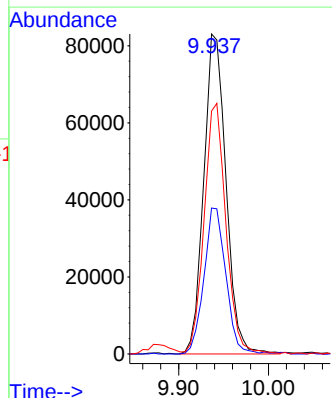
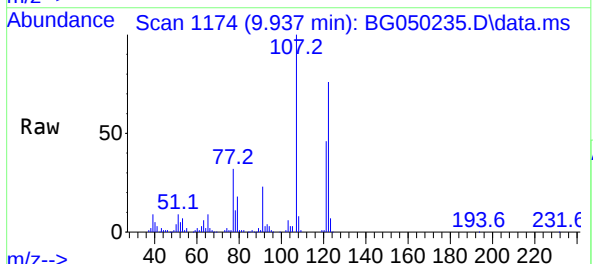
Manual Integrations
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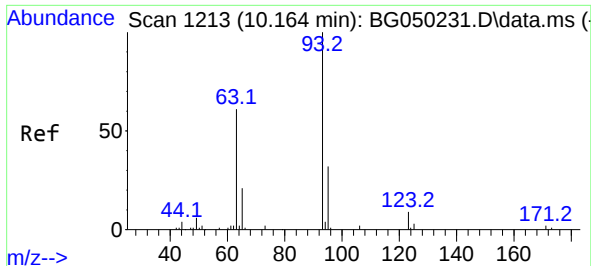
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#26
2,4-Dimethylphenol
Concen: 55.436 ng/ul
RT: 9.937 min Scan# 1174
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:107 Resp: 143143
Ion Ratio Lower Upper
107 100
121 45.6 32.7 49.1
122 75.9 52.6 79.0





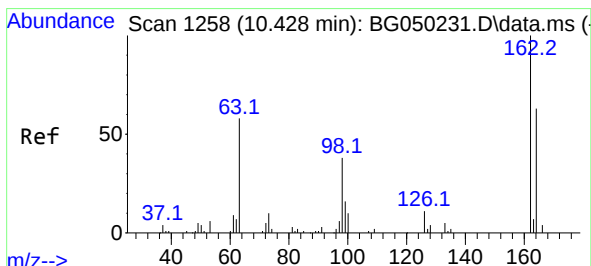
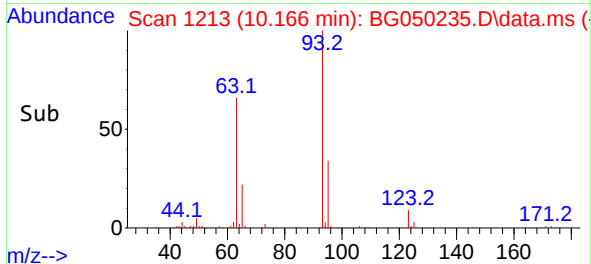
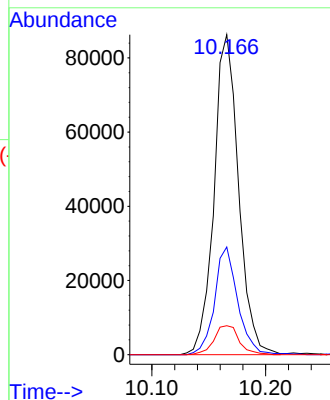
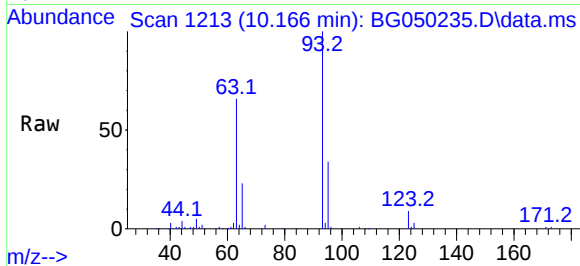
#27
 Bis(2-Chloroethoxy)methane
 Concen: 47.360 ng/ul
 RT: 10.166 min Scan# 1213
 Delta R.T. -0.005 min
 Lab File: BG050235.D
 Acq: 9 Sep 2021 18:42

Tgt Ion: 93 Resp: 129232
 Ion Ratio Lower Upper
 93 100
 95 33.7 24.8 37.2
 123 9.0 8.2 12.2

Instrument :
 BNA_G
 ClientSampled :
 SLCS845

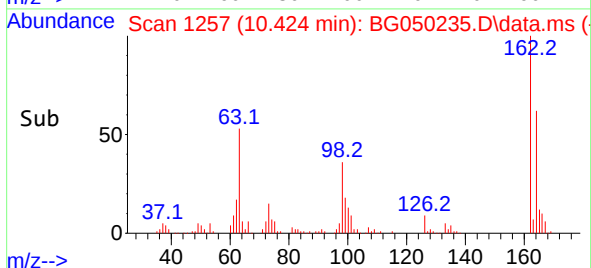
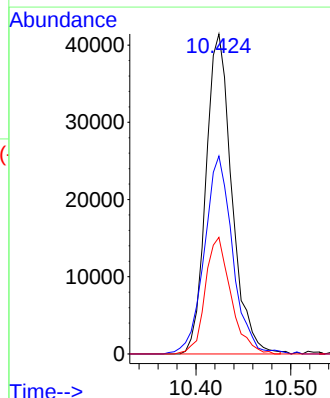
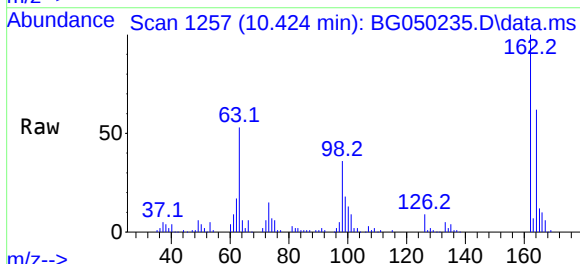
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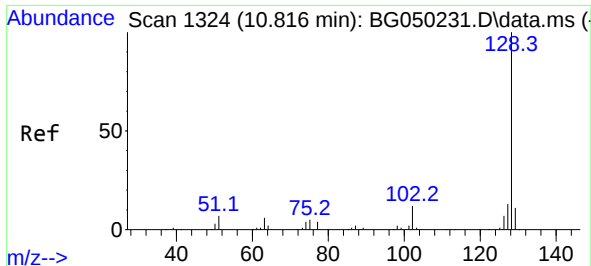
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#29
 2,4-Dichlorophenol
 Concen: 40.844 ng/ul
 RT: 10.424 min Scan# 1257
 Delta R.T. -0.011 min
 Lab File: BG050235.D
 Acq: 9 Sep 2021 18:42

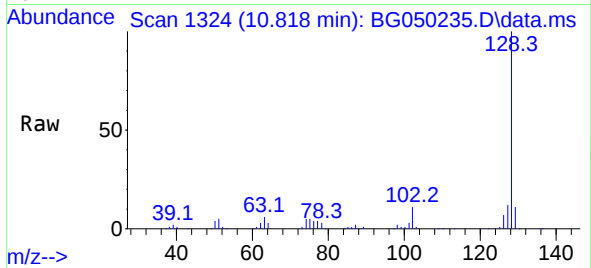
Tgt Ion:162 Resp: 78425
 Ion Ratio Lower Upper
 162 100
 164 61.9 51.0 76.6
 98 36.5 27.8 41.8





#30
Naphthalene
Concen: 37.425 ng/u1
RT: 10.818 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

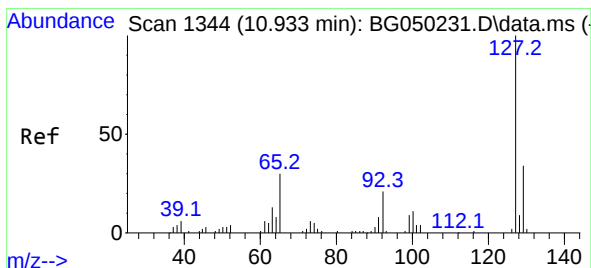
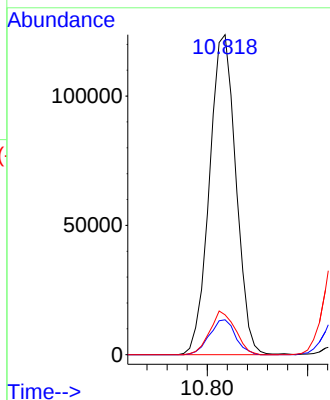
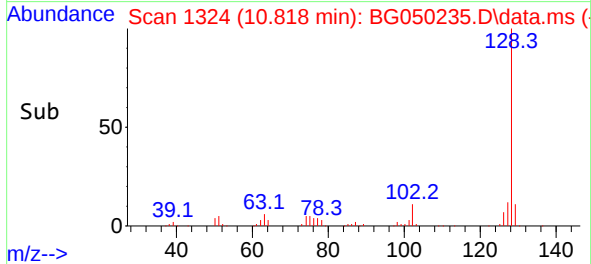
Instrument :
BNA_G
ClientSampled :
SLCS845



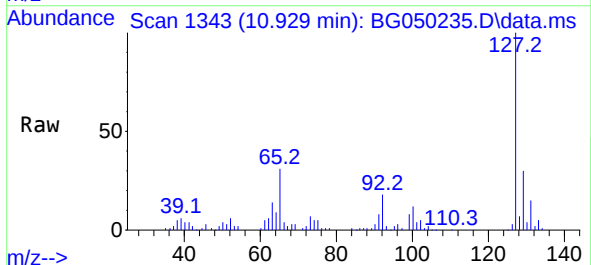
Tgt Ion:128 Resp: 226513
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.5 9.8 14.6

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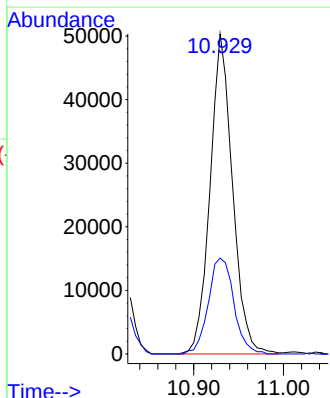
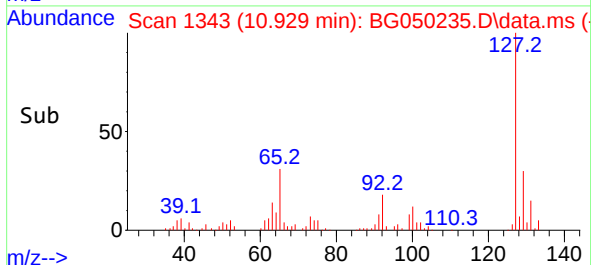
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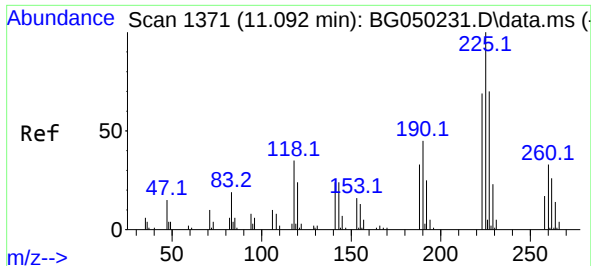


#32
4-Chloroaniline
Concen: 35.823 ng/u1
RT: 10.929 min Scan# 1343
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



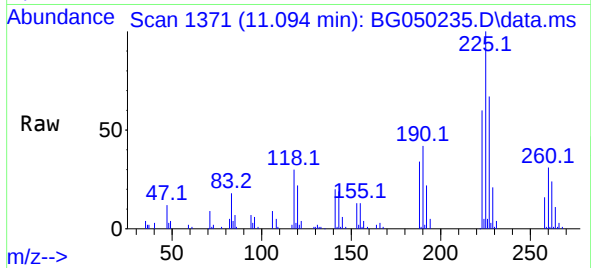
Tgt Ion:127 Resp: 87275
Ion Ratio Lower Upper
127 100
129 29.9 30.3 45.5#





#33
Hexachlorobutadiene
Concen: 37.354 ng/ul
RT: 11.094 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

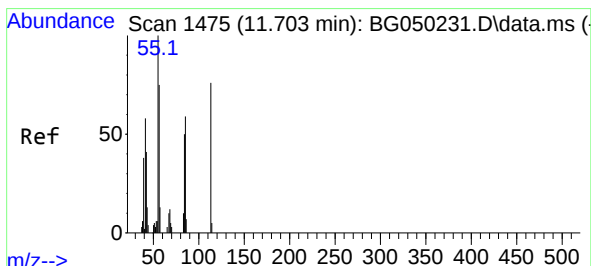
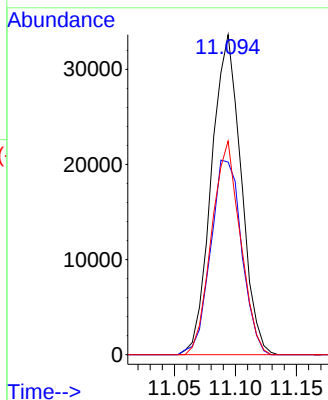
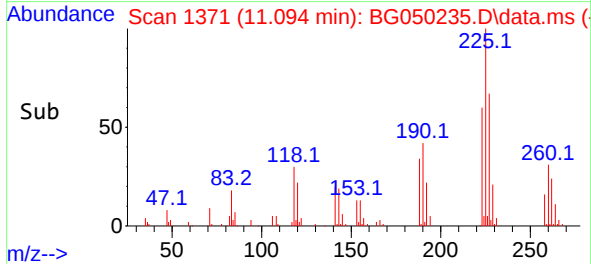
Instrument :
BNA_G
ClientSampled :
SLCS845



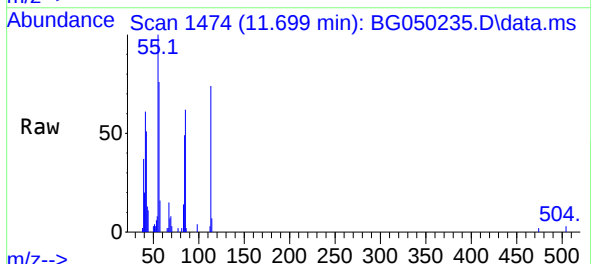
Tgt Ion:225 Resp: 56851
Ion Ratio Lower Upper
225 100
223 60.2 51.3 76.9
227 66.7 55.1 82.7

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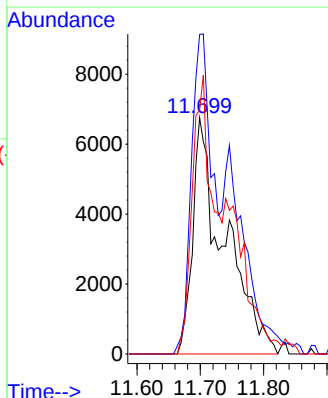
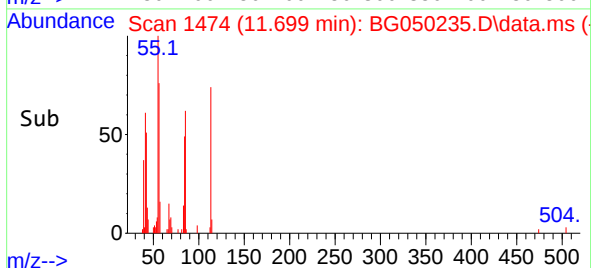
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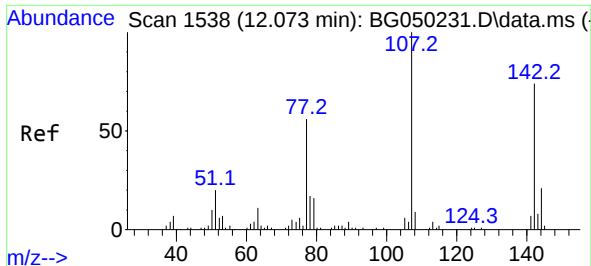


#34
Caprolactam
Concen: 40.042 ng/ul m
RT: 11.699 min Scan# 1474
Delta R.T. -0.017 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



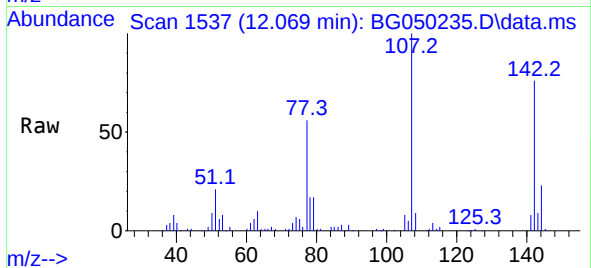
Tgt Ion:113 Resp: 23391
Ion Ratio Lower Upper
113 100
55 135.3 114.0 171.0
56 103.2 107.4 161.0#





#35
4-Chloro-3-methylphenol
Concen: 38.443 ng/ul
RT: 12.069 min Scan# 1537
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

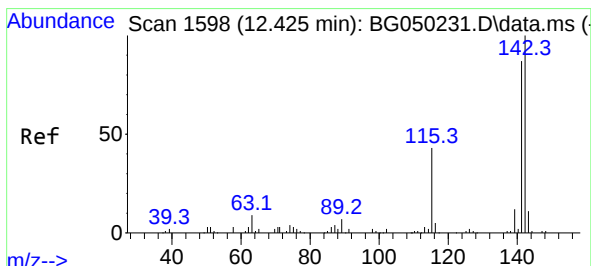
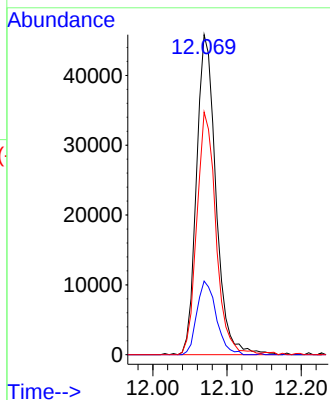
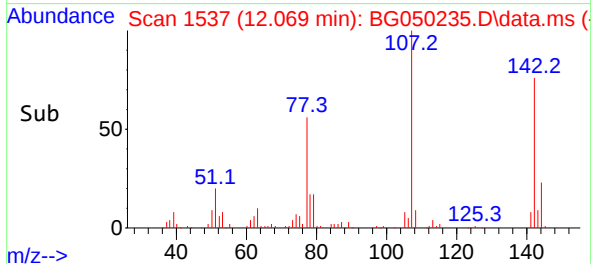
Instrument :
BNA_G
ClientSampled :
SLCS845



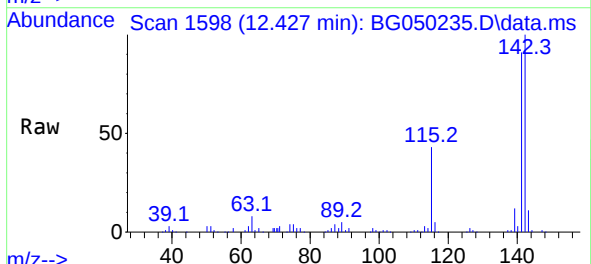
Tgt Ion:107 Resp: 83193
Ion Ratio Lower Upper
107 100
144 23.0 18.9 28.3
142 75.8 59.2 88.8

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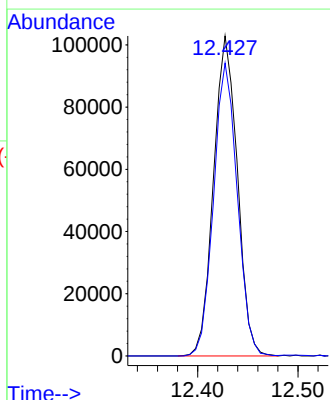
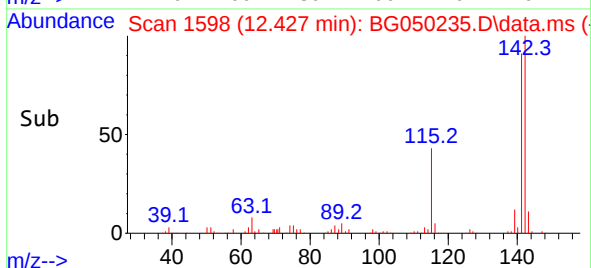
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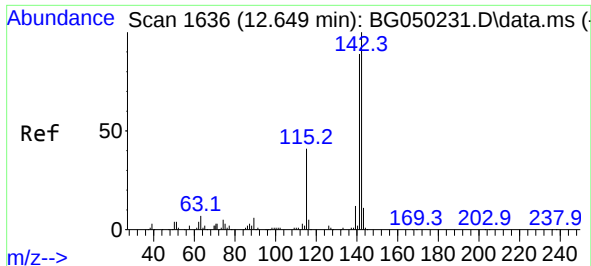


#36
2-Methylnaphthalene
Concen: 37.780 ng/ul
RT: 12.427 min Scan# 1598
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



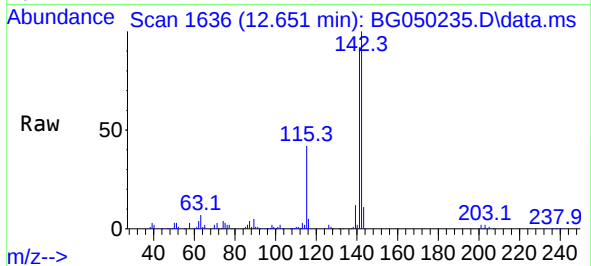
Tgt Ion:142 Resp: 169095
Ion Ratio Lower Upper
142 100
141 91.5 70.5 105.7





#37
1-Methylnaphthalene
Concen: 37.849 ng/ul
RT: 12.651 min Scan# 1636
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

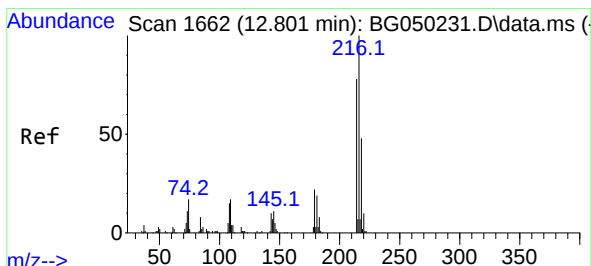
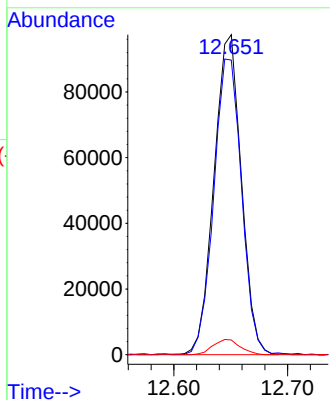
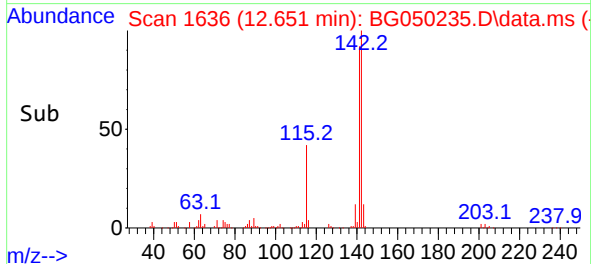
Instrument :
BNA_G
ClientSampled :
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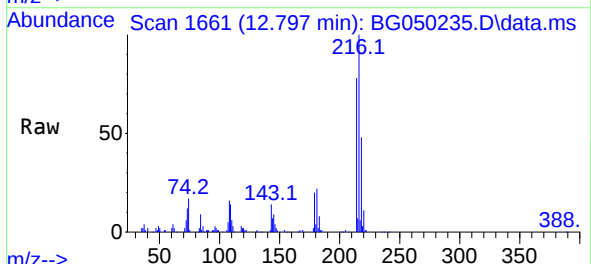
Tgt Ion:142 Resp: 162664
Ion Ratio Lower Upper
142 100
141 92.1 75.8 113.8
116 4.6 3.7 5.5

Manual Integrations
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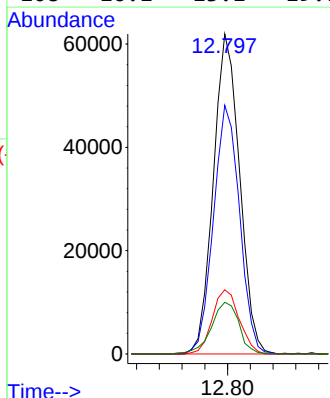
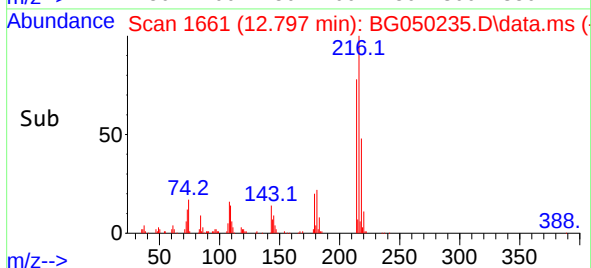
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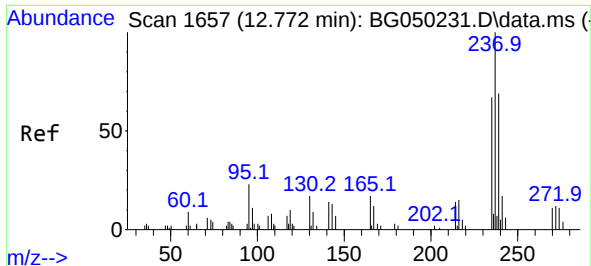


#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.521 ng/ul
RT: 12.797 min Scan# 1661
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

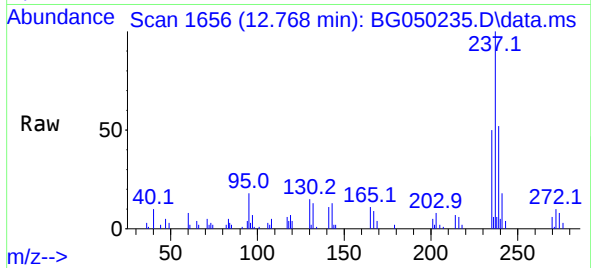


Tgt Ion:216 Resp: 99375
Ion Ratio Lower Upper
216 100
214 77.7 64.2 96.2
179 20.1 12.8 19.2#
108 16.1 13.1 19.7

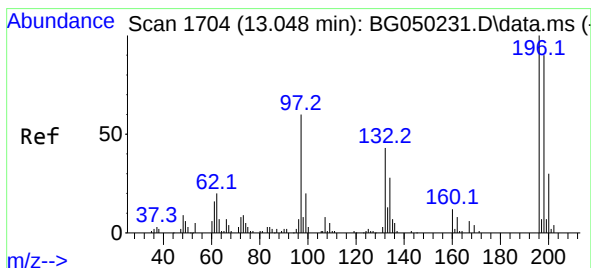
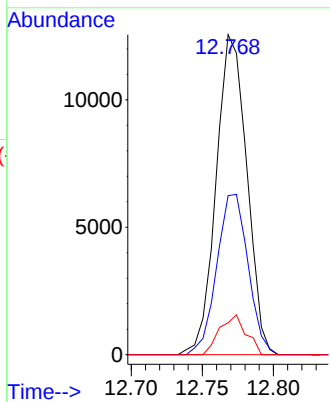
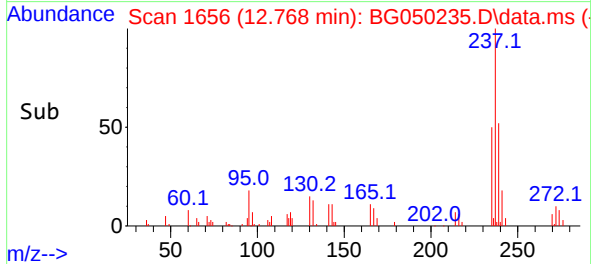




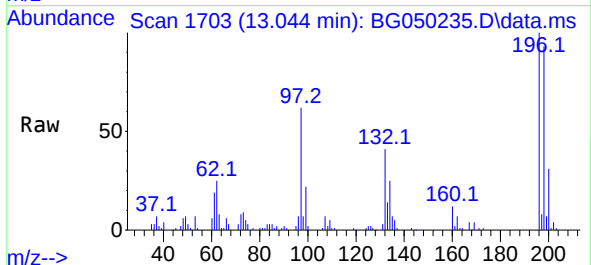
#40
Hexachlorocyclopentadiene
Concen: 22.742 ng/ul
RT: 12.768 min Scan# 1656
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



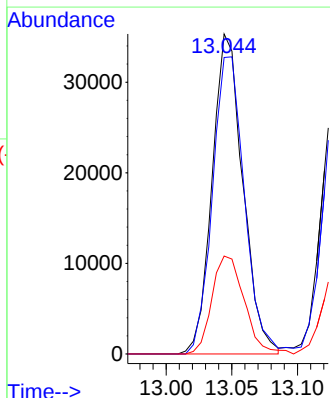
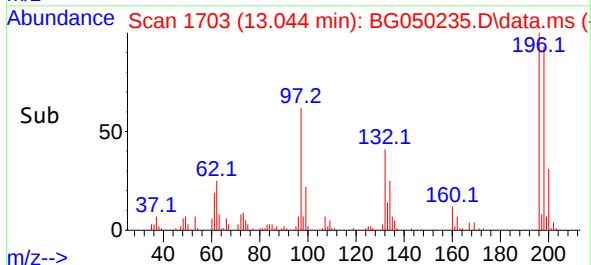
Tgt Ion:237 Resp: 18843
Ion Ratio Lower Upper
237 100
235 49.7 53.5 80.3#
272 9.9 11.5 17.3#



#41
2,4,6-Trichlorophenol
Concen: 33.294 ng/ul
RT: 13.044 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



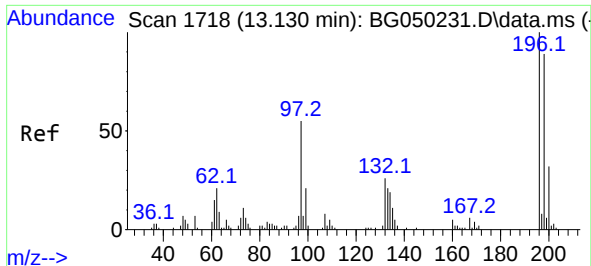
Tgt Ion:196 Resp: 57441
Ion Ratio Lower Upper
196 100
198 92.7 83.7 125.5
200 30.6 25.9 38.9



Instrument :
BNA_G
ClientSampleId :
SLCS845

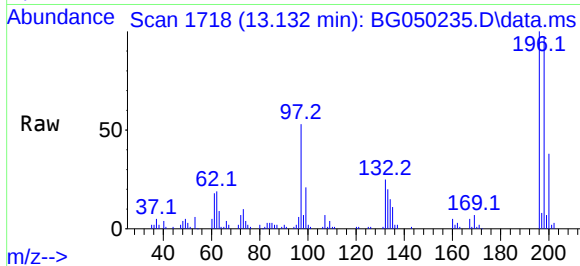
Manual Integrations
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#42
2,4,5-Trichlorophenol
Concen: 33.431 ng/uI
RT: 13.132 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

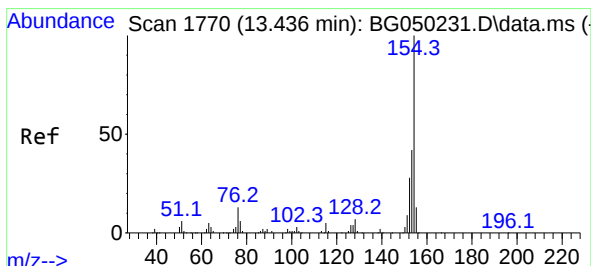
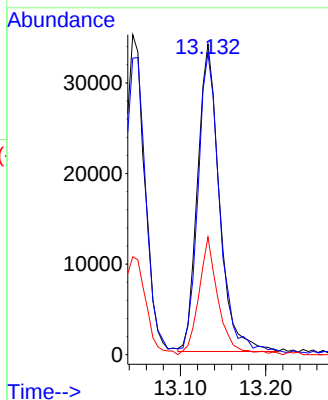
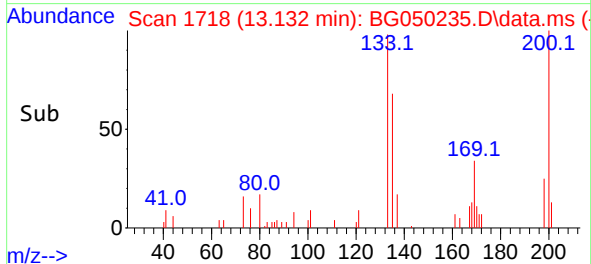
Instrument :
BNA_G
ClientSampled :
SLCS845



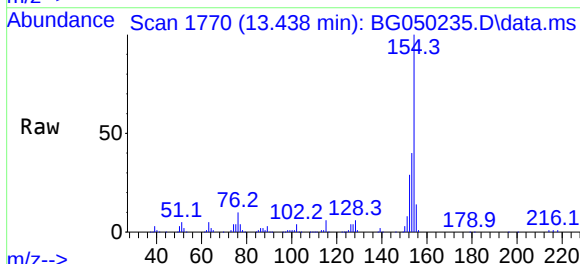
Tgt Ion:196 Resp: 60315
Ion Ratio Lower Upper
196 100
198 97.0 70.3 105.5
200 37.9 26.6 40.0

Manual Integrations
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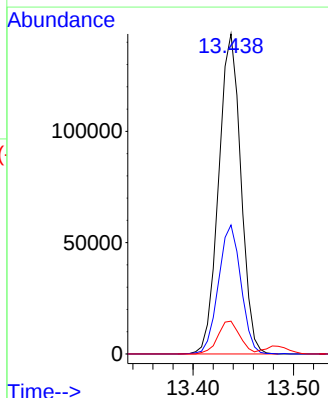
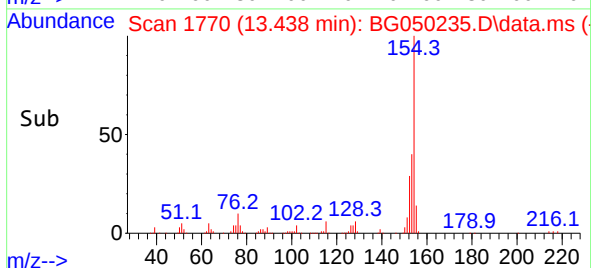
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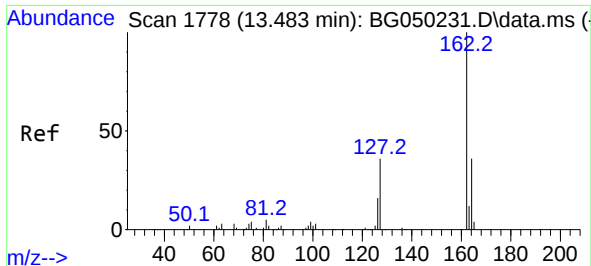


#43
1,1'-Biphenyl
Concen: 33.799 ng/uI
RT: 13.438 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



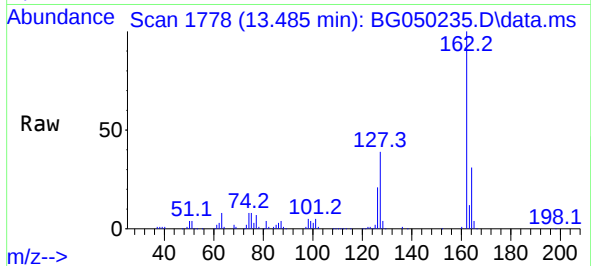
Tgt Ion:154 Resp: 220444
Ion Ratio Lower Upper
154 100
153 40.3 32.5 48.7
76 10.3 7.8 11.8





#44
2-Chloronaphthalene
Concen: 33.907 ng/ul
RT: 13.485 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

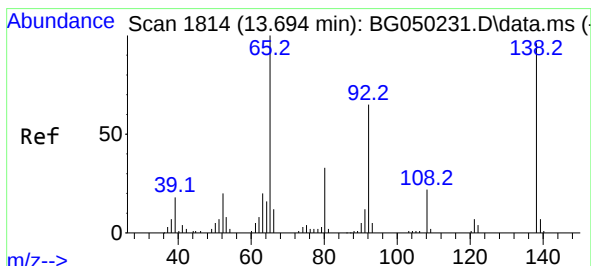
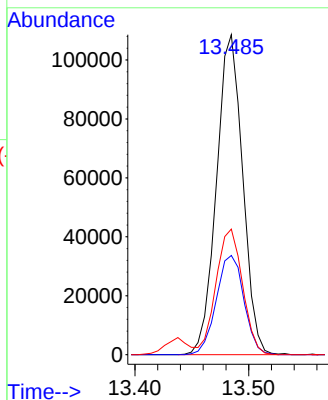
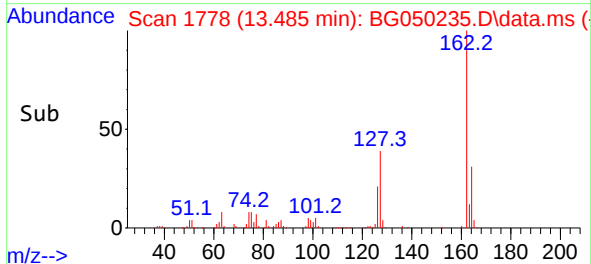
Instrument :
BNA_G
ClientSampled :
SLCS845



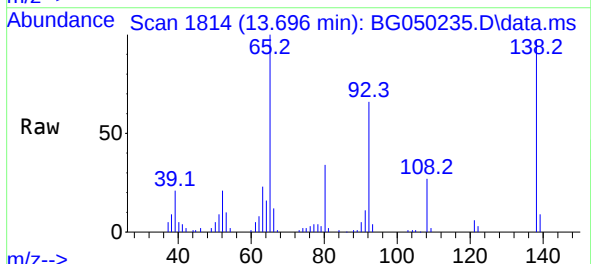
Tgt Ion:162 Resp: 173917
Ion Ratio Lower Upper
162 100
164 31.0 25.2 37.8
127 39.3 31.9 47.9

Manual Integrations
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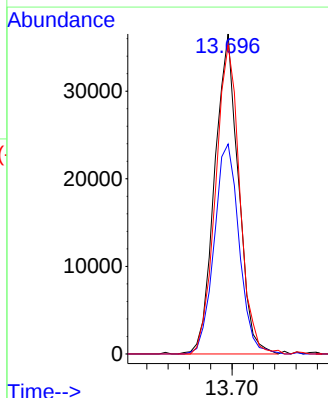
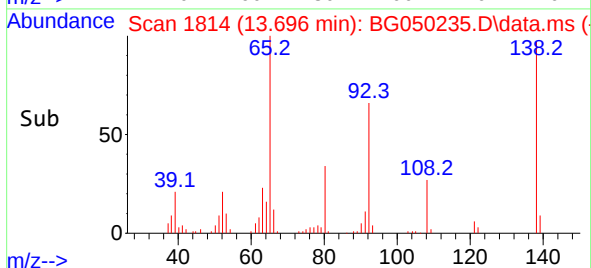
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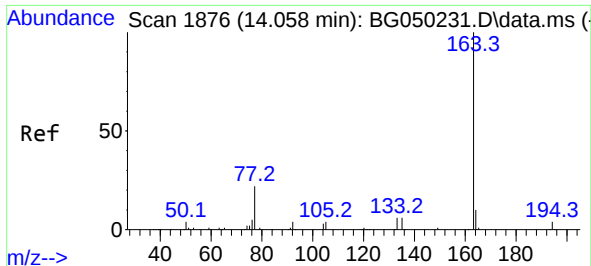


#45
2-Nitroaniline
Concen: 34.685 ng/ul
RT: 13.696 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



Tgt Ion: 65 Resp: 56322
Ion Ratio Lower Upper
65 100
92 65.6 55.6 83.4
138 96.6 78.7 118.1





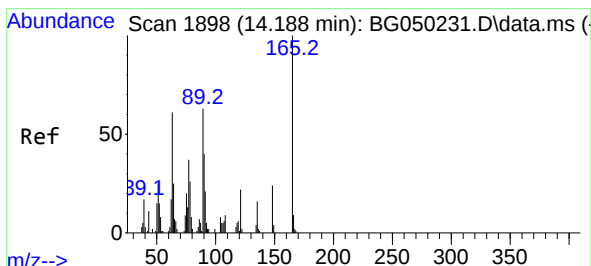
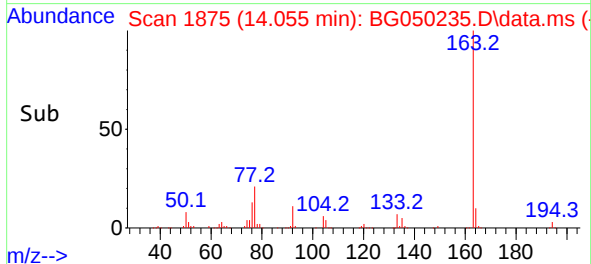
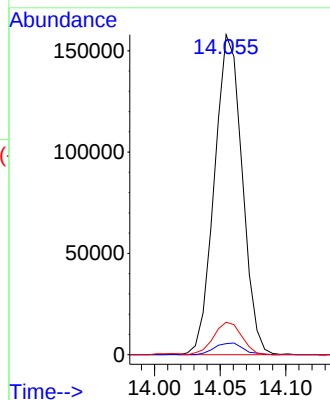
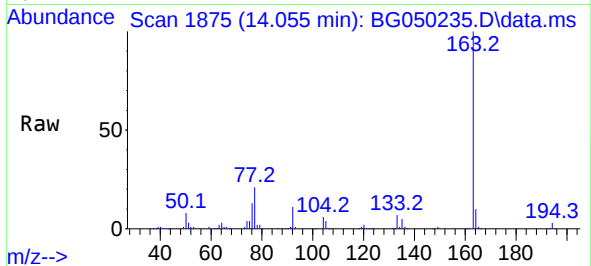
#47
Dimethylphthalate
Concen: 35.652 ng/ul
RT: 14.055 min Scan# 1875
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:163 Resp: 232137
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.0
164 10.2 8.2 12.4

Instrument :
BNA_G
ClientSampleId :
SLCS845

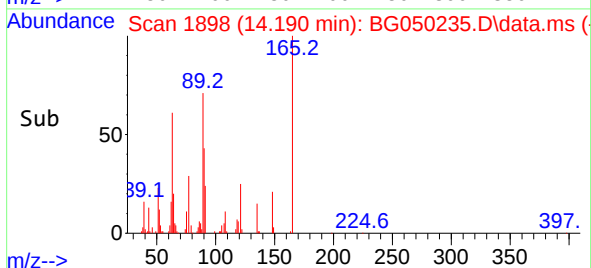
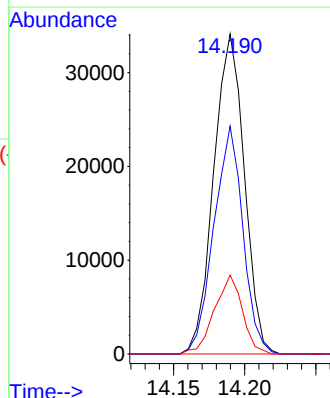
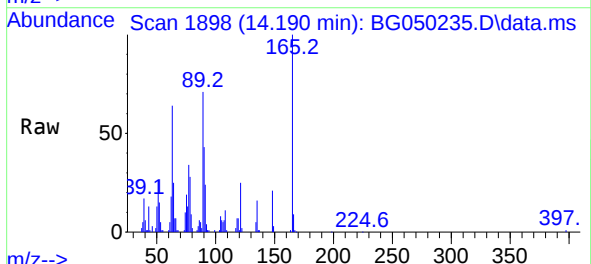
Manual Integrations
APPROVED

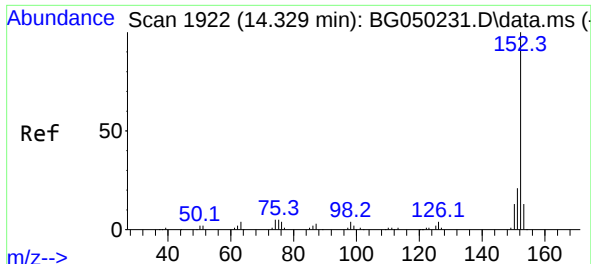
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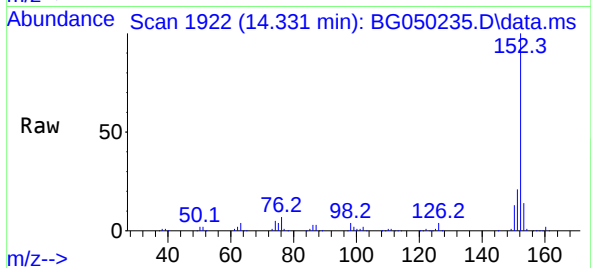
#48
2,6-Dinitrotoluene
Concen: 36.878 ng/ul
RT: 14.190 min Scan# 1898
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:165 Resp: 51126
Ion Ratio Lower Upper
165 100
89 71.2 62.5 93.7
121 24.7 22.2 33.2

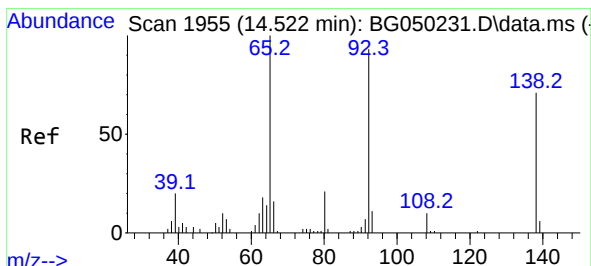
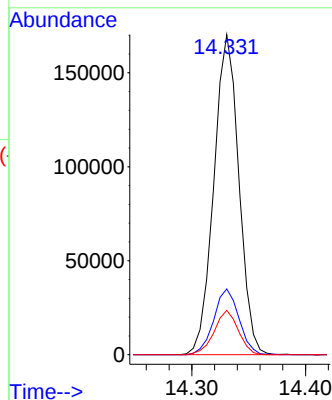
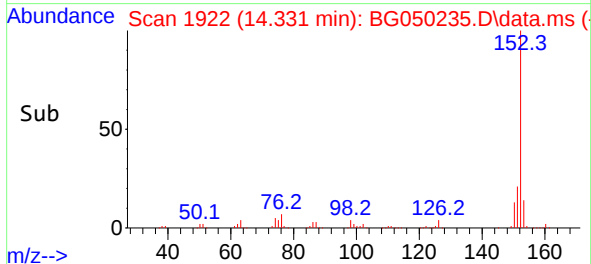




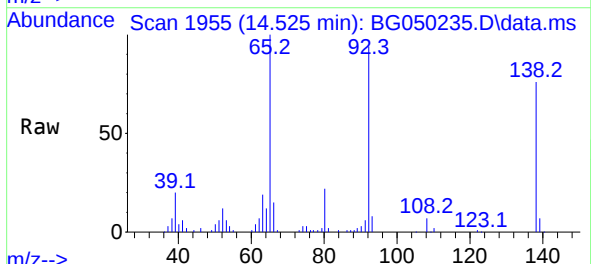
#50
Acenaphthylene
Concen: 34.276 ng/ul
RT: 14.331 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



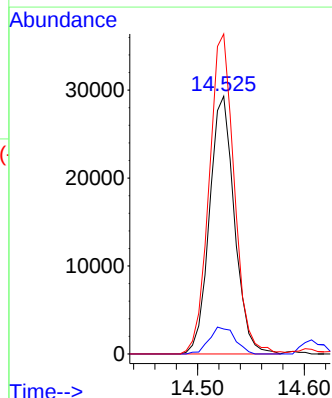
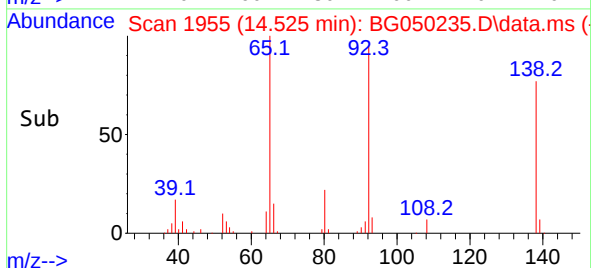
Tgt Ion:152 Resp: 260204
Ion Ratio Lower Upper
152 100
151 20.5 15.2 22.8
153 13.9 10.7 16.1



#51
3-Nitroaniline
Concen: 37.668 ng/ul
RT: 14.525 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



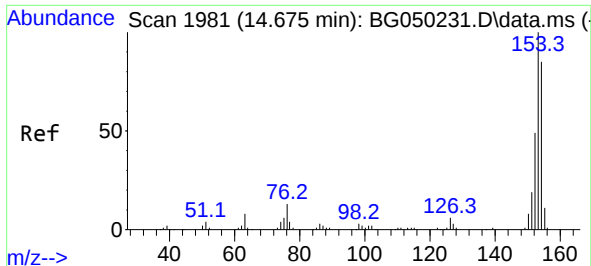
Tgt Ion:138 Resp: 47542
Ion Ratio Lower Upper
138 100
108 9.7 9.0 13.4
92 124.1 96.4 144.6



Instrument :
BNA_G
ClientSampled :
SLCS845

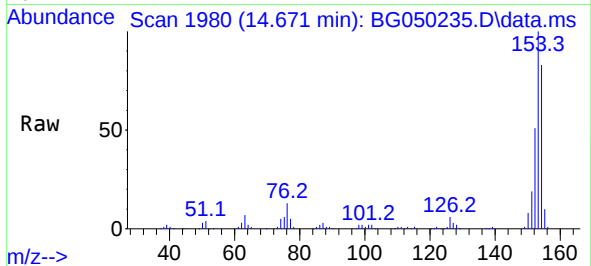
Manual Integrations
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#52
Acenaphthene
Concen: 34.482 ng/ul
RT: 14.671 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

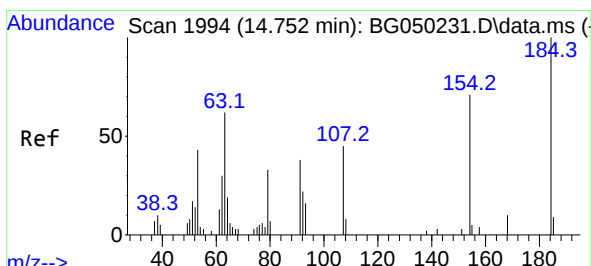
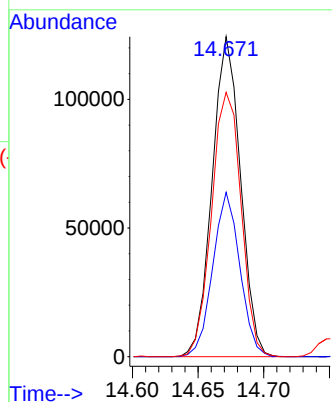
Instrument :
BNA_G
ClientSampled :
SLCS845



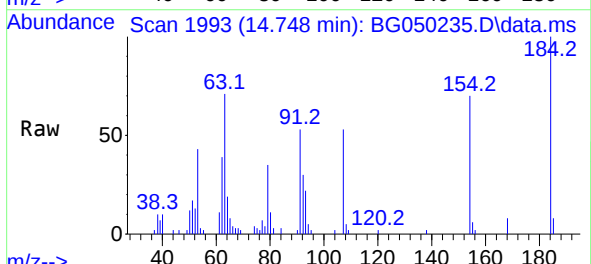
Tgt Ion:153 Resp: 186520
Ion Ratio Lower Upper
153 100
152 51.4 37.4 56.2
154 82.6 71.5 107.3

Manual Integrations
APPROVED

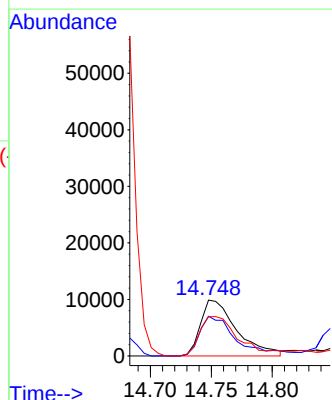
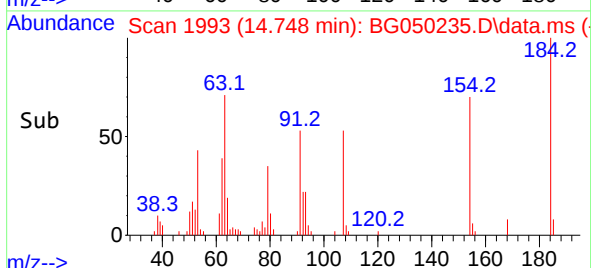
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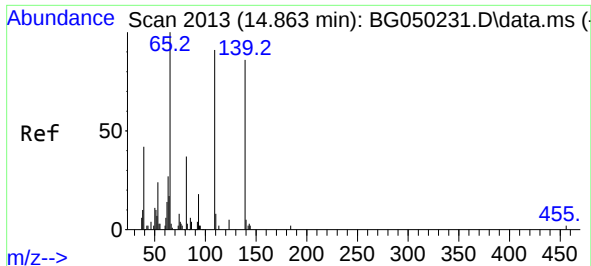


#53
2,4-Dinitrophenol
Concen: 35.931 ng/ul
RT: 14.748 min Scan# 1993
Delta R.T. -0.017 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



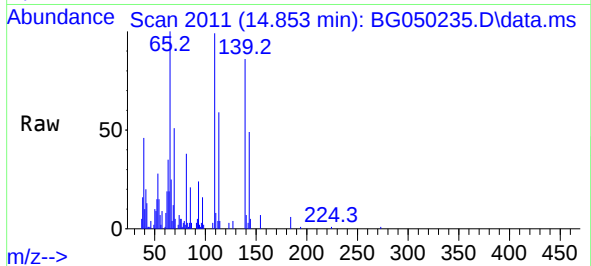
Tgt Ion:184 Resp: 20401
Ion Ratio Lower Upper
184 100
63 71.2 75.8 113.8#
154 70.2 64.6 96.8





#55
4-Nitrophenol
Concen: 36.568 ng/ul
RT: 14.853 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

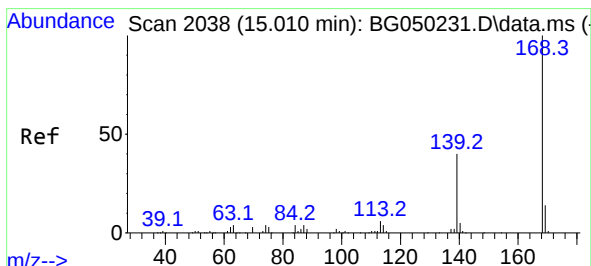
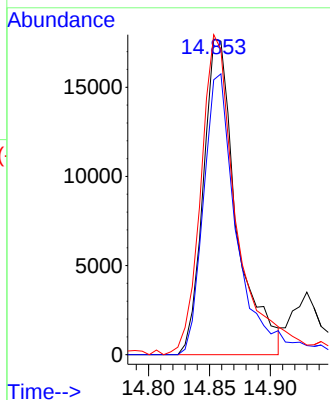
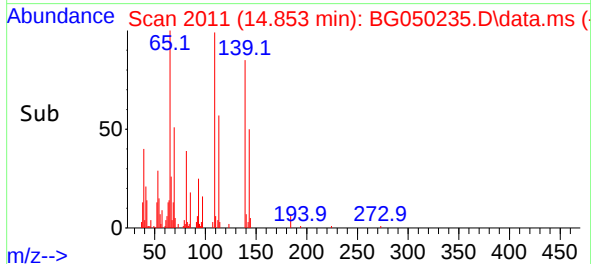
Instrument :
BNA_G
ClientSampled :
SLCS845



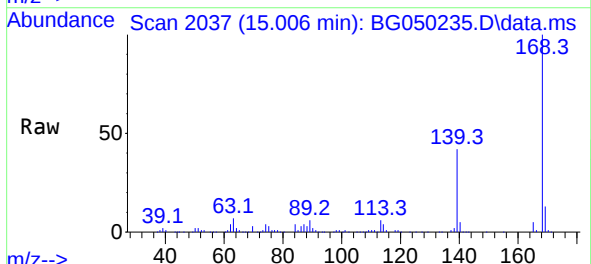
Tgt Ion:109 Resp: 33497
Ion Ratio Lower Upper
109 100
139 87.1 61.4 92.0
65 101.4 76.5 114.7

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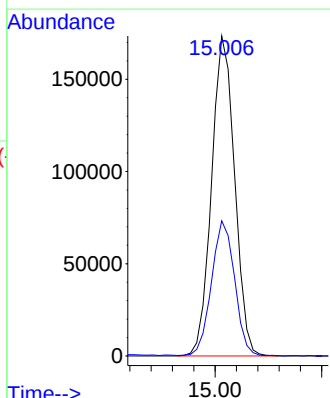
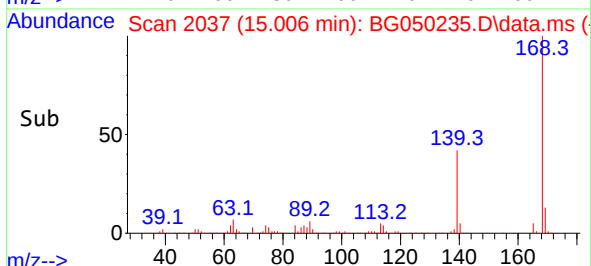
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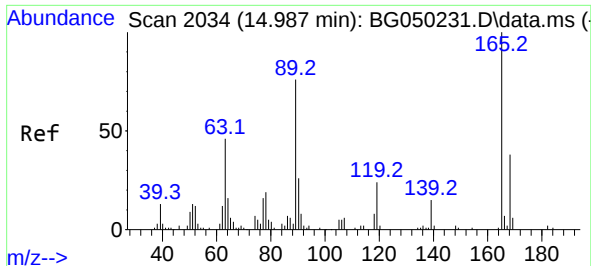


#56
Dibenzofuran
Concen: 34.926 ng/ul
RT: 15.006 min Scan# 2037
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



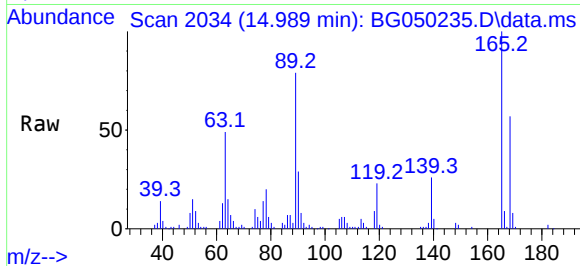
Tgt Ion:168 Resp: 259919
Ion Ratio Lower Upper
168 100
139 42.3 33.8 50.8





#57
2,4-Dinitrotoluene
Concen: 36.633 ng/ul
RT: 14.989 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

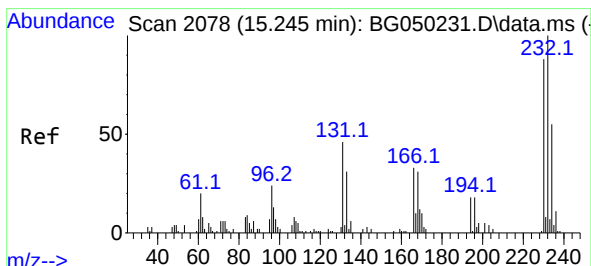
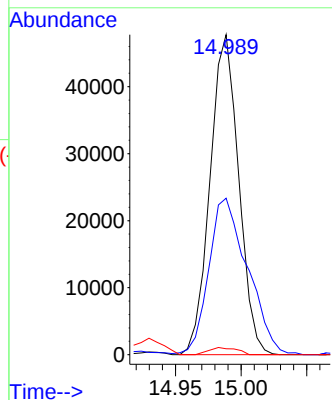
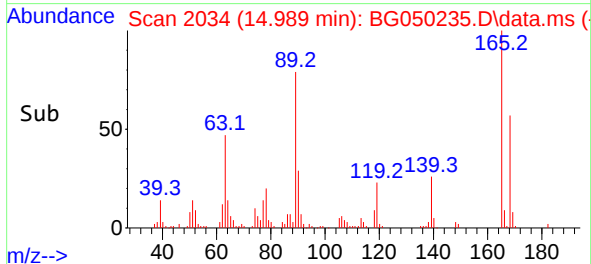
Instrument :
BNA_G
ClientSampled :
SLCS845



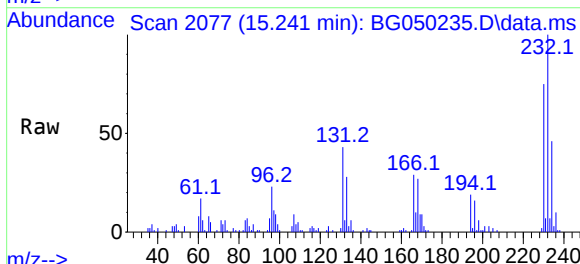
Tgt Ion:165 Resp: 72573
Ion Ratio Lower Upper
165 100
63 48.9 42.3 63.5
182 1.9 2.6 4.0#

Manual Integrations
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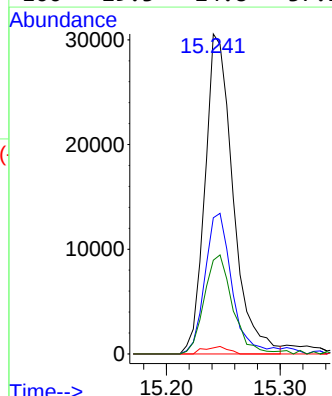
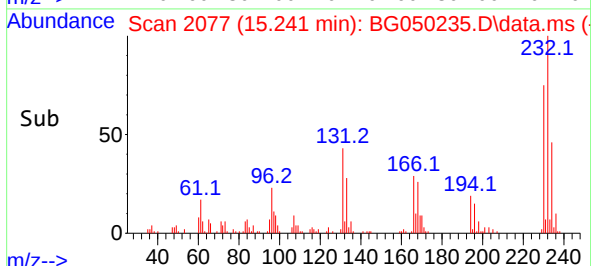
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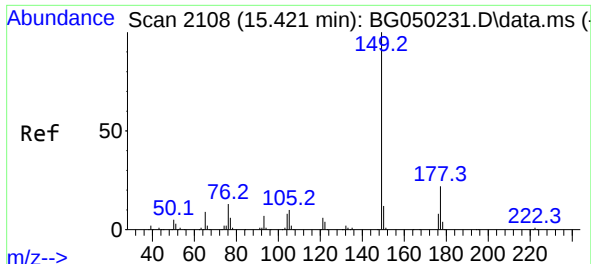


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.279 ng/ul
RT: 15.241 min Scan# 2077
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



Tgt Ion:232 Resp: 52308
Ion Ratio Lower Upper
232 100
131 42.6 40.0 60.0
130 1.9 1.8 2.8
166 29.3 24.8 37.2





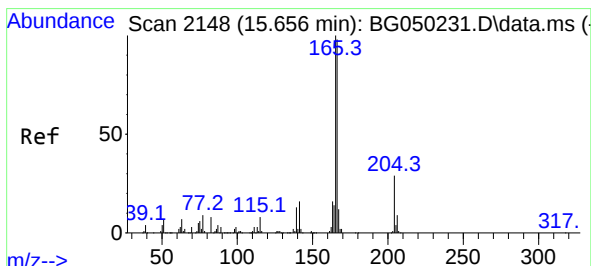
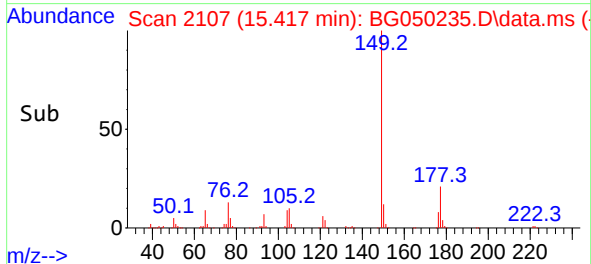
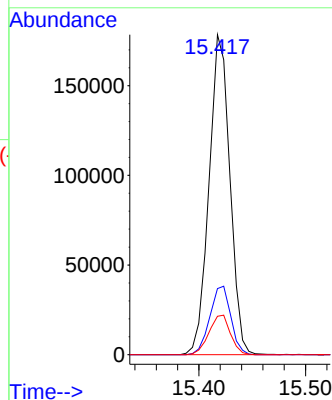
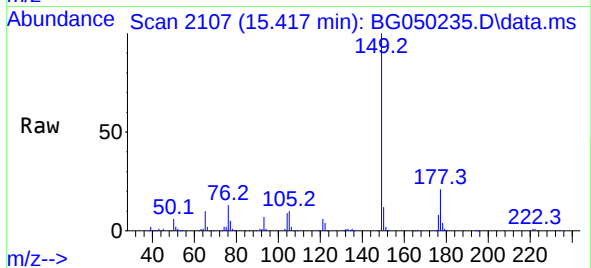
#59
Diethylphthalate
Concen: 36.820 ng/ul
RT: 15.417 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:	149	Resp:	242310
Ion Ratio	100	Lower	Upper
149	100		
177	20.7	15.8	23.6
150	12.0	9.7	14.5

Instrument :
BNA_G
ClientSampleId :
SLCS845

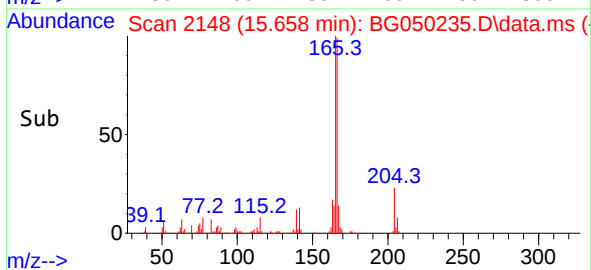
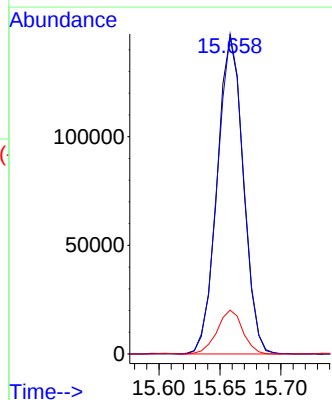
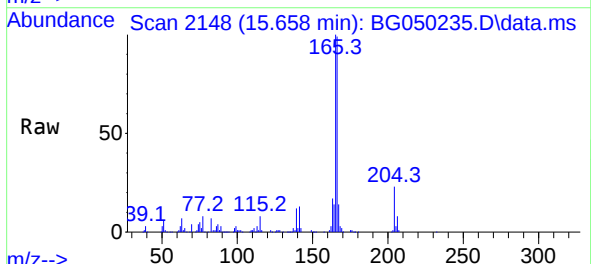
Manual Integrations
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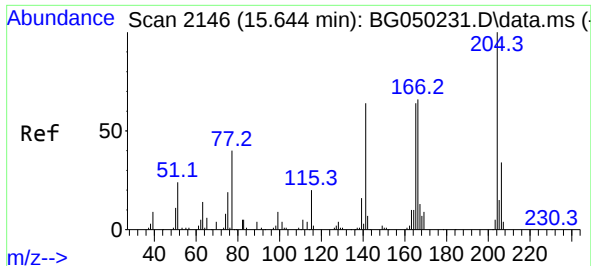
mohammad
9/14/2021 2:50:06 PM



#61
Fluorene
Concen: 34.941 ng/ul
RT: 15.658 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:	166	Resp:	218012
Ion Ratio	100	Lower	Upper
166	100		
165	101.1	83.3	124.9
167	13.8	11.8	17.6





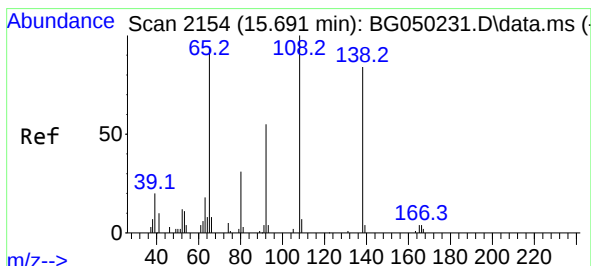
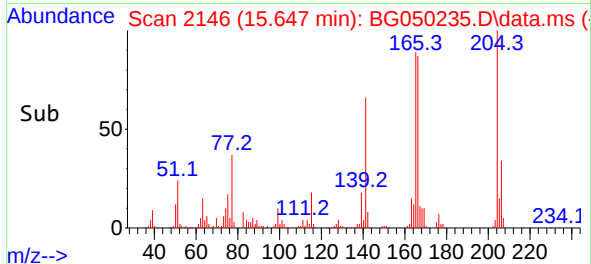
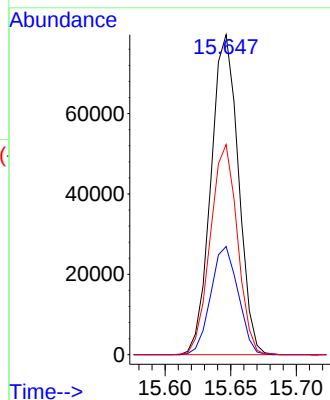
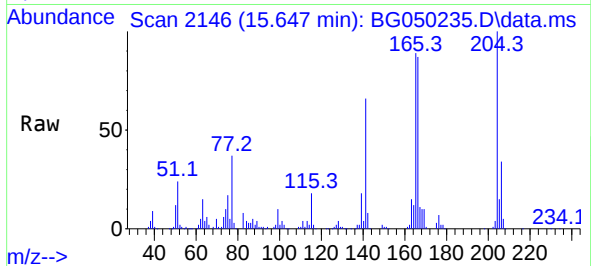
#62
4-Chlorophenyl-phenylether
Concen: 34.889 ng/ul
RT: 15.647 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Instrument :
BNA_G
ClientSampled :
SLCS845

Tgt Ion:204 Resp: 115907
Ion Ratio Lower Upper
204 100
206 33.8 25.4 38.2
141 65.6 51.8 77.6

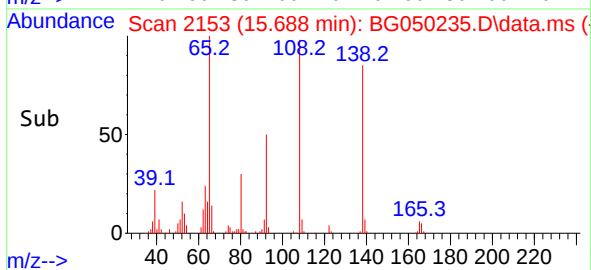
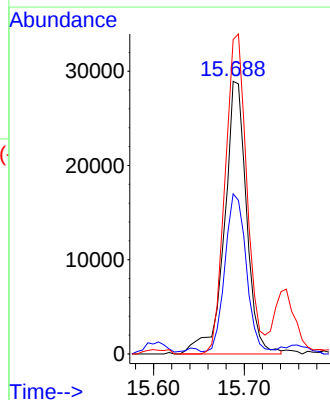
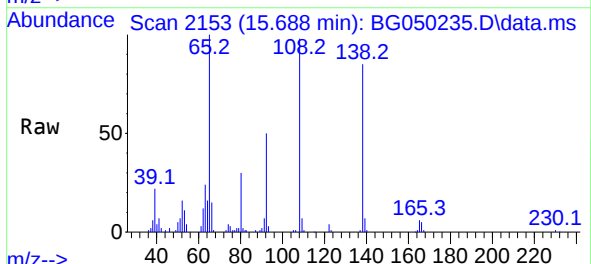
Manual Integrations
APPROVED

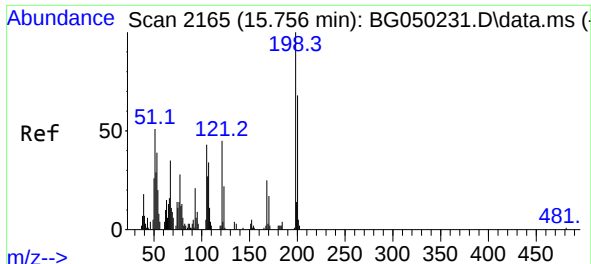
mohammad
9/14/2021 2:50:06 PM



#63
4-Nitroaniline
Concen: 41.660 ng/ul m
RT: 15.688 min Scan# 2153
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

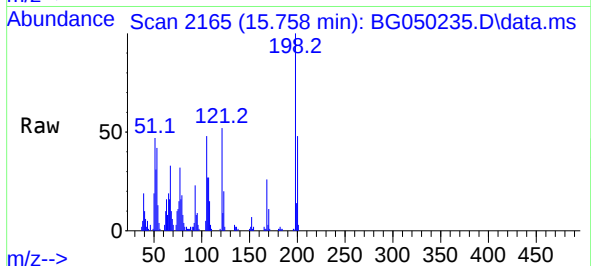
Tgt Ion:138 Resp: 48971
Ion Ratio Lower Upper
138 100
92 58.7 50.0 75.0
108 115.3 101.8 152.8





#66
4,6-Dinitro-2-methylphenol
Concen: 35.103 ng/ul
RT: 15.758 min Scan# 2165
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

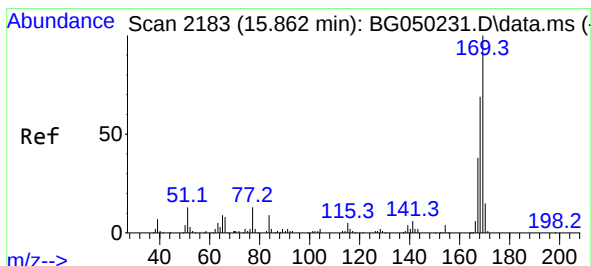
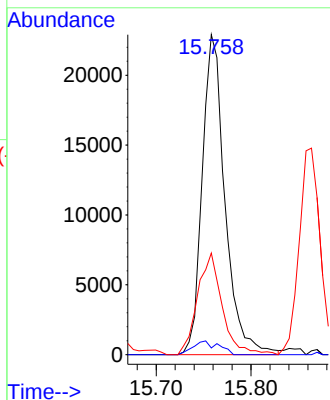
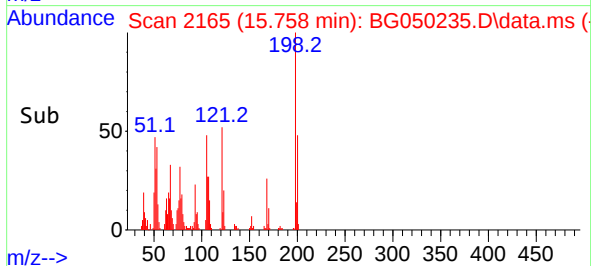
Instrument :
BNA_G
ClientSampled :
SLCS845



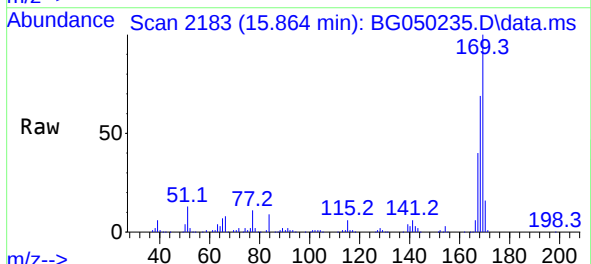
Tgt Ion:198 Resp: 38271
Ion Ratio Lower Upper
198 100
182 2.1 3.0 4.6#
77 31.7 23.4 35.2

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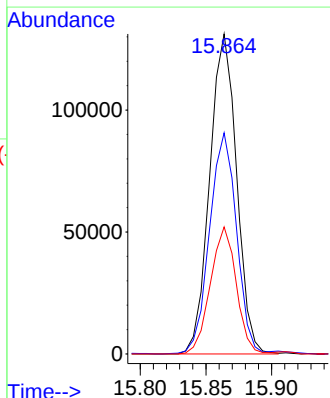
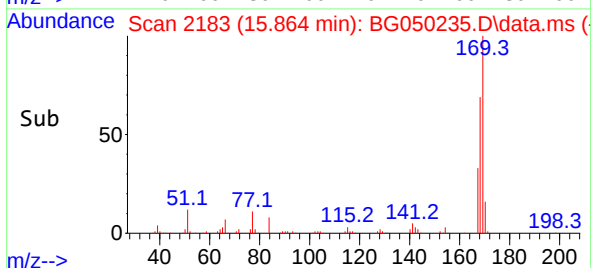
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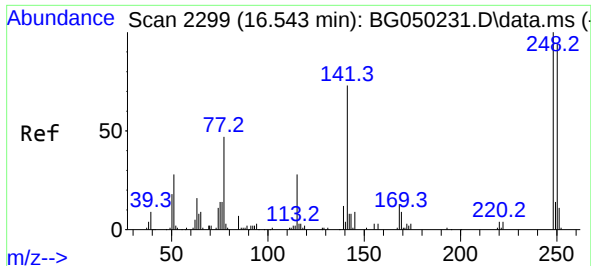


#67
N-Nitrosodiphenylamine
Concen: 33.989 ng/ul
RT: 15.864 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



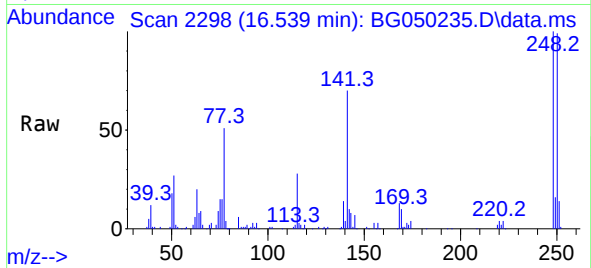
Tgt Ion:169 Resp: 187031
Ion Ratio Lower Upper
169 100
168 69.1 55.0 82.6
167 39.7 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 34.518 ng/ul
RT: 16.539 min Scan# 2298
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

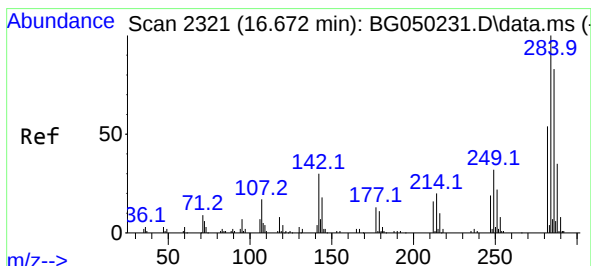
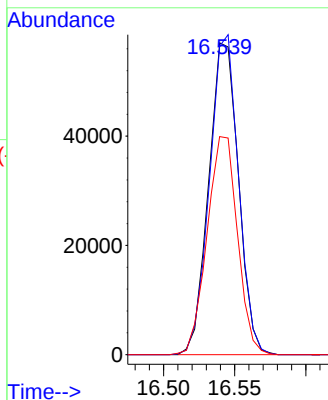
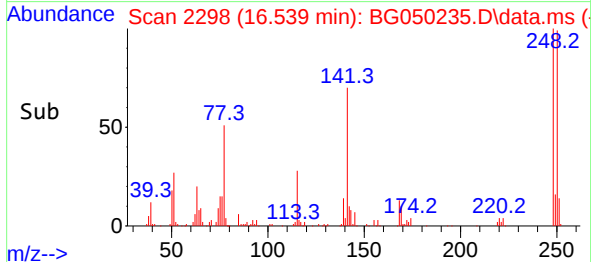
Instrument :
BNA_G
ClientSampled :
SLCS845



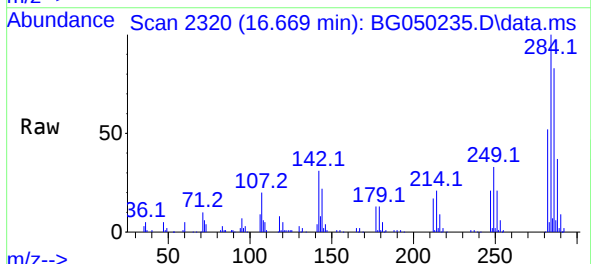
Tgt Ion:248 Resp: 83242
Ion Ratio Lower Upper
248 100
250 98.9 80.2 120.2
141 69.9 60.6 90.8

Manual Integrations
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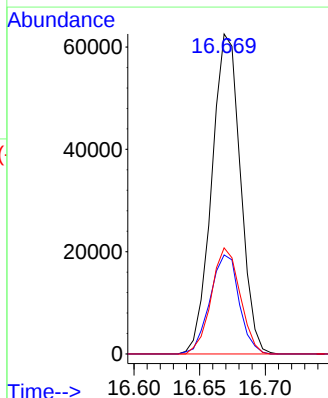
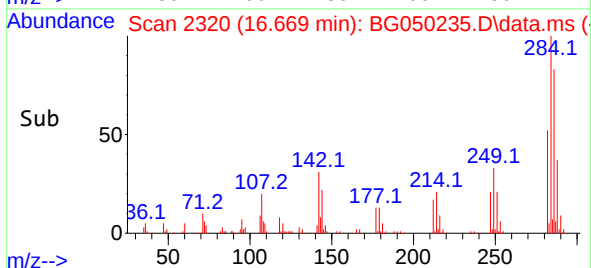
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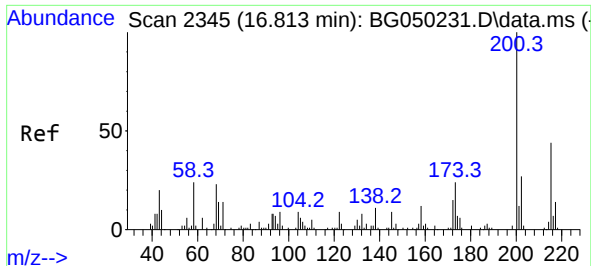


#69
Hexachlorobenzene
Concen: 34.722 ng/ul
RT: 16.669 min Scan# 2320
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



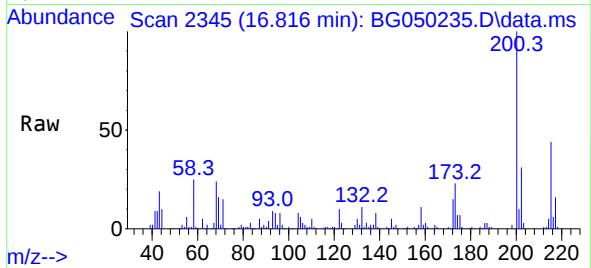
Tgt Ion:284 Resp: 94937
Ion Ratio Lower Upper
284 100
142 30.9 28.7 43.1
249 33.1 25.5 38.3





#70
Atrazine
Concen: 37.281 ng/ul
RT: 16.816 min Scan# 2345
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

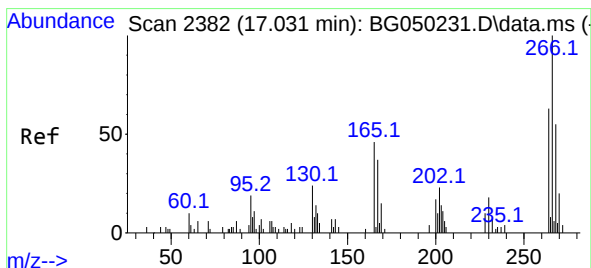
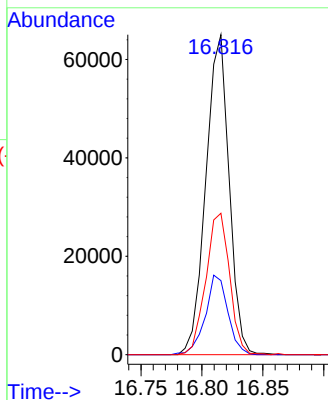
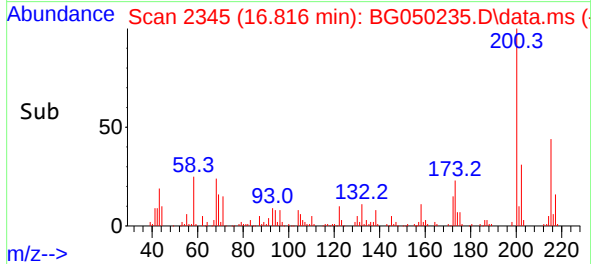
Instrument :
BNA_G
ClientSampled :
SLCS845



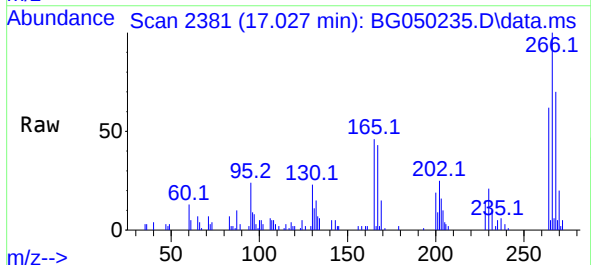
Tgt Ion:200 Resp: 86017
Ion Ratio Lower Upper
200 100
173 23.2 19.3 28.9
215 44.2 34.9 52.3

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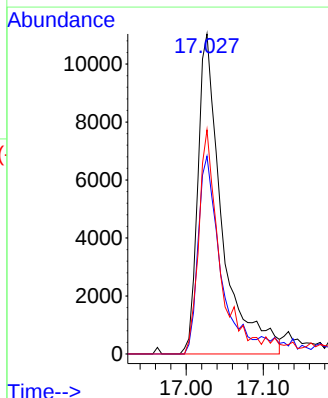
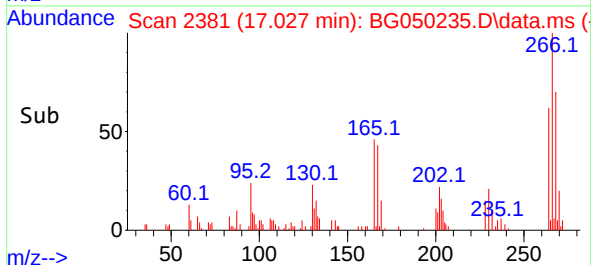
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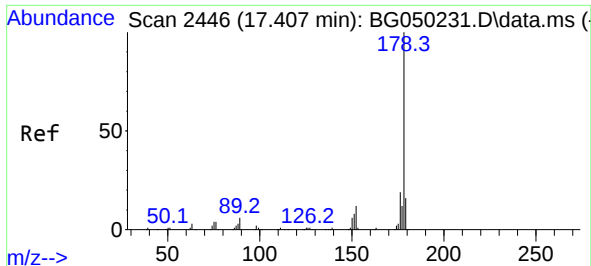


#71
Pentachlorophenol
Concen: 32.194 ng/ul m
RT: 17.027 min Scan# 2381
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



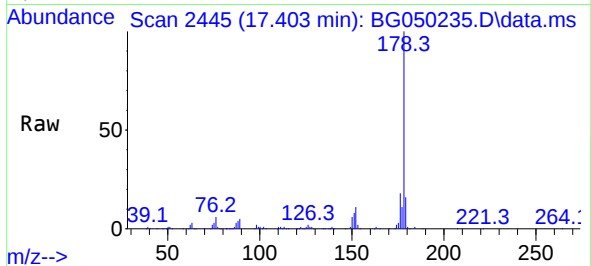
Tgt Ion:266 Resp: 24112
Ion Ratio Lower Upper
266 100
264 61.8 54.1 81.1
268 70.1 52.6 78.8





#72
Phenanthrene
Concen: 35.685 ng/u1
RT: 17.403 min Scan# 2445
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

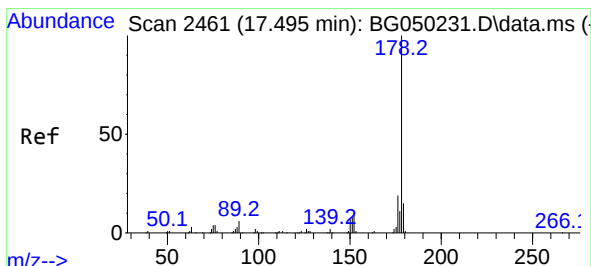
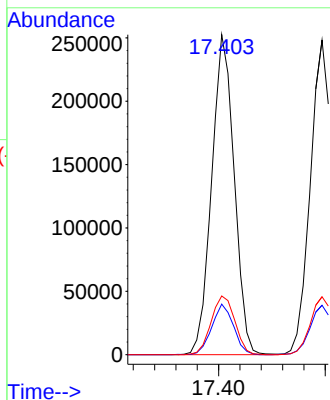
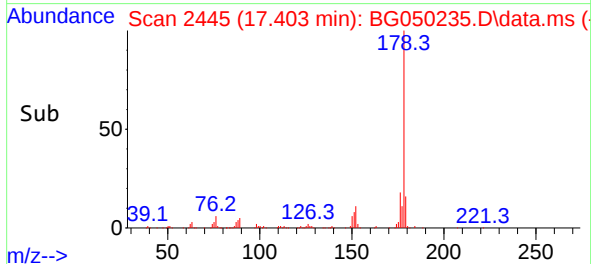
Instrument :
BNA_G
ClientSampleId :
SLCS845



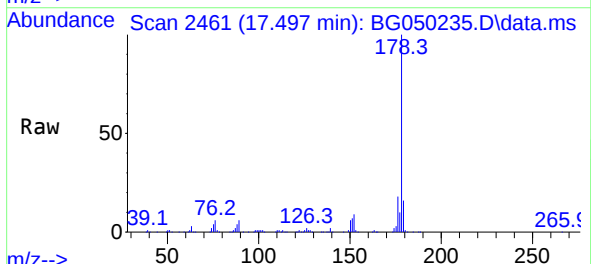
Tgt Ion:178 Resp: 370382
Ion Ratio Lower Upper
178 100
179 15.8 11.7 17.5
176 18.4 16.2 24.2

Manual Integrations
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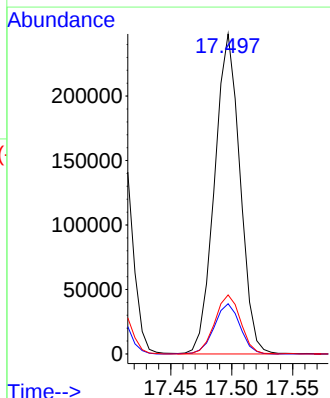
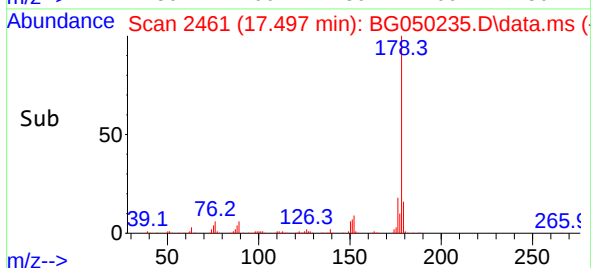
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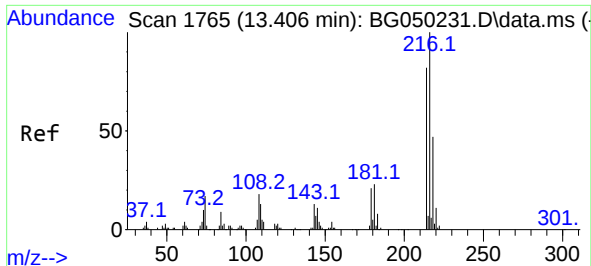


#74
Anthracene
Concen: 34.273 ng/u1
RT: 17.497 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



Tgt Ion:178 Resp: 360706
Ion Ratio Lower Upper
178 100
179 15.7 11.4 17.0
176 18.4 12.8 19.2





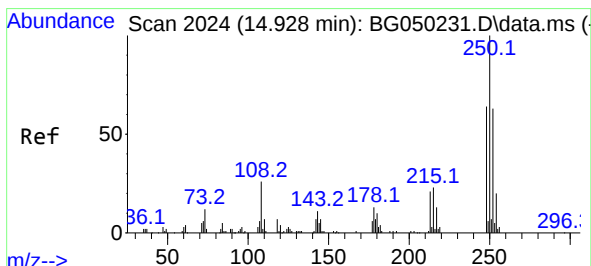
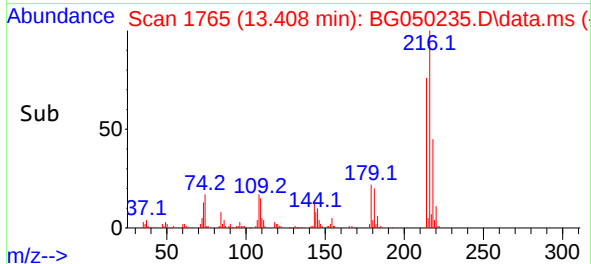
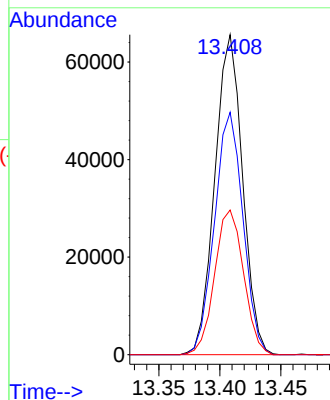
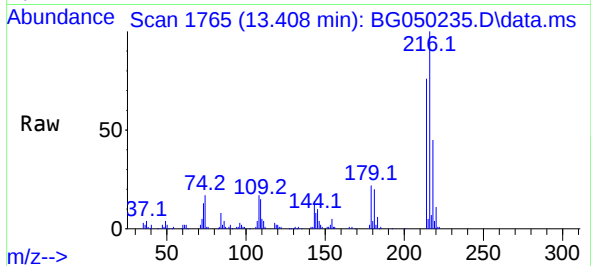
#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.995 ng/uL
RT: 13.408 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Instrument :
BNA_G
ClientSampled :
SLCS845

Tgt Ion:216 Resp: 104057
Ion Ratio Lower Upper
216 100
214 75.8 70.9 106.3
218 45.2 40.9 61.3

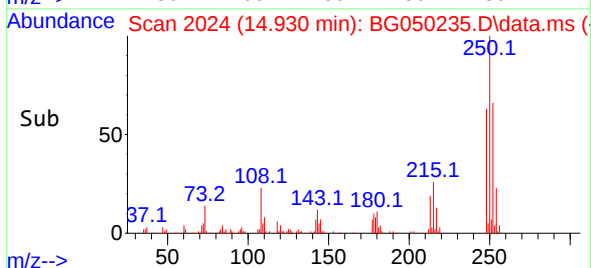
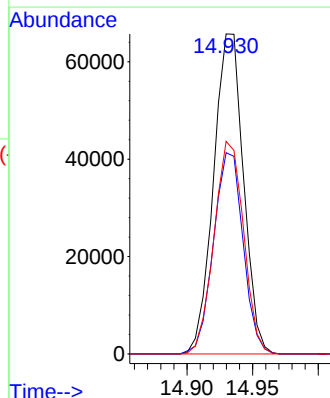
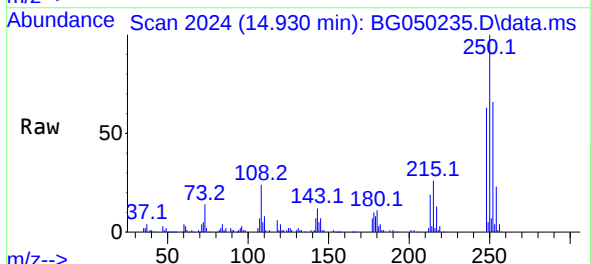
Manual Integrations
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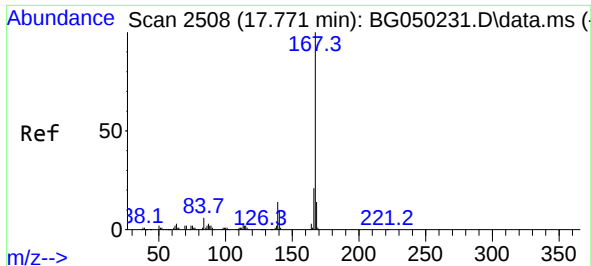
mohammad
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#76
Pentachlorobenzene
Concen: 31.992 ng/uL
RT: 14.930 min Scan# 2024
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:250 Resp: 104176
Ion Ratio Lower Upper
250 100
248 62.9 51.5 77.3
252 66.4 47.9 71.9





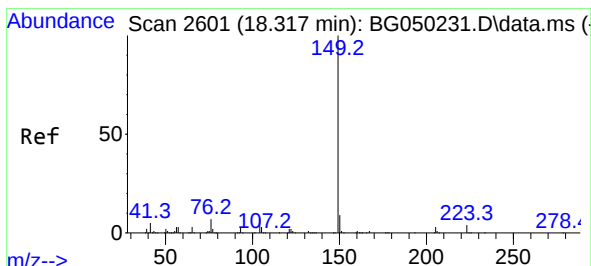
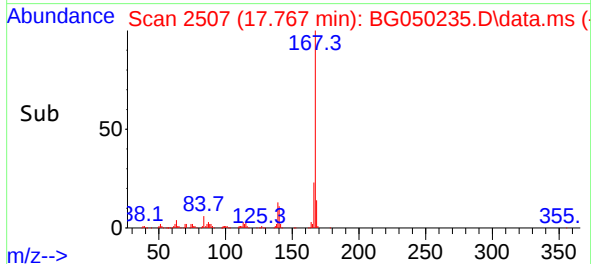
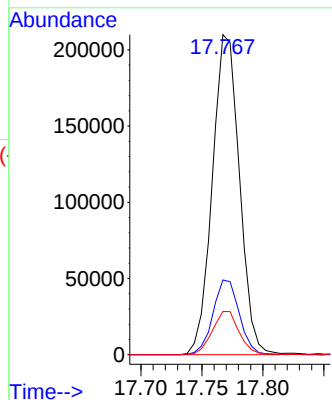
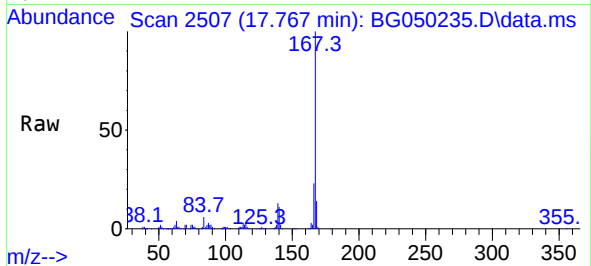
#77
 Carbazole
 Concen: 35.001 ng/ul
 RT: 17.767 min Scan# 2507
 Delta R.T. -0.011 min
 Lab File: BG050235.D
 Acq: 9 Sep 2021 18:42

Tgt Ion:	167	Resp:	324754
Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.8	26.8
139	13.5	11.1	16.7

Instrument :
 BNA_G
 ClientSampleId :
 SLCS845

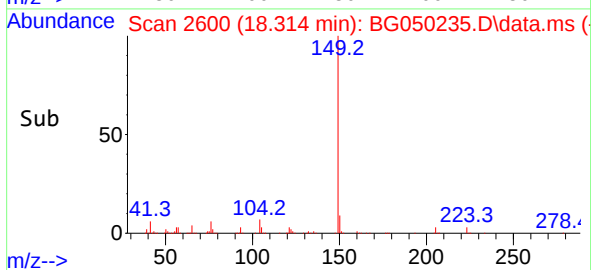
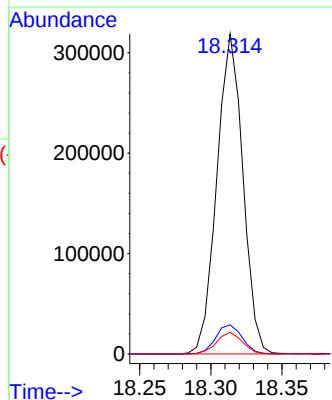
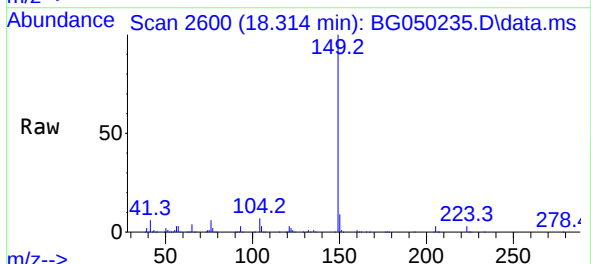
Manual Integrations
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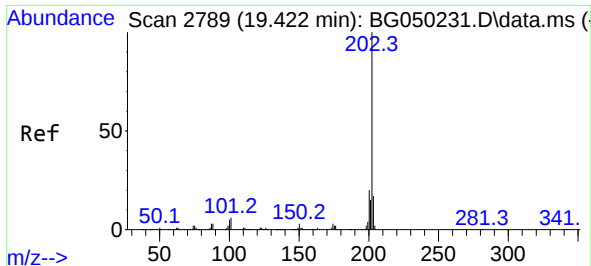
mohammad
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#78
 Di-n-butylphthalate
 Concen: 36.158 ng/ul
 RT: 18.314 min Scan# 2600
 Delta R.T. -0.005 min
 Lab File: BG050235.D
 Acq: 9 Sep 2021 18:42

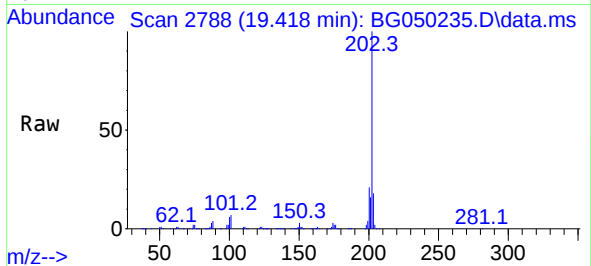
Tgt Ion:	149	Resp:	405718
Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	6.8	5.3	7.9





#80
Fluoranthene
Concen: 36.492 ng/ul
RT: 19.418 min Scan# 2788
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

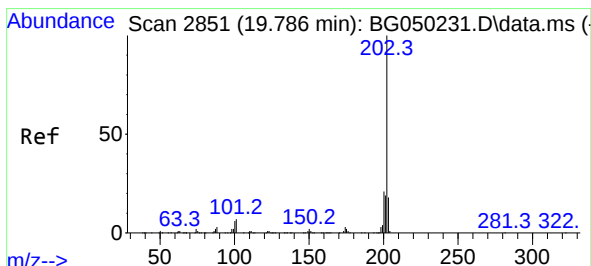
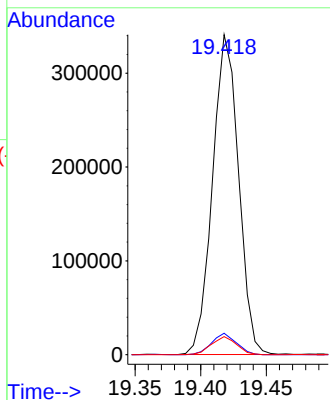
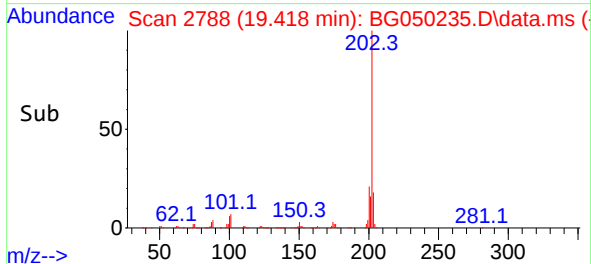
Instrument :
BNA_G
ClientSampleId :
SLCS845



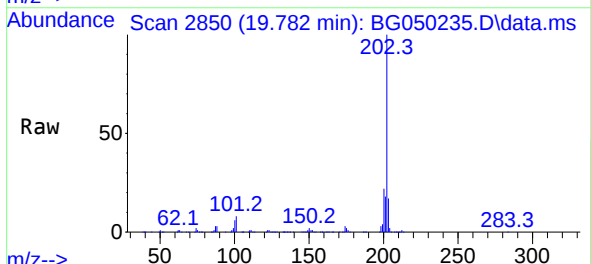
Tgt Ion:202 Resp: 469955
Ion Ratio Lower Upper
202 100
101 6.7 4.3 6.5#
100 5.7 3.5 5.3#

Manual Integrations
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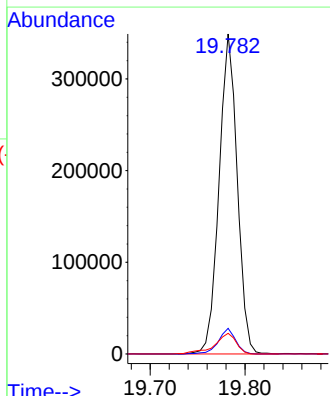
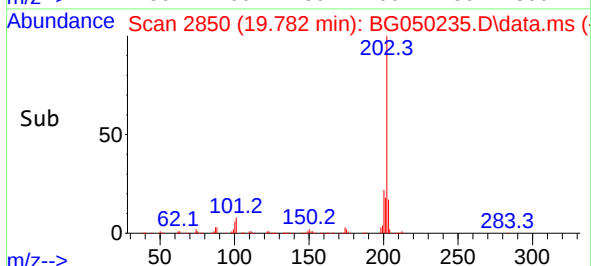
mohammad
9/14/2021 2:50:06 PM

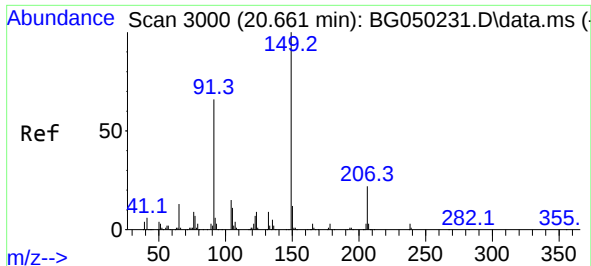


#82
Pyrene
Concen: 36.831 ng/ul
RT: 19.782 min Scan# 2850
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



Tgt Ion:202 Resp: 465221
Ion Ratio Lower Upper
202 100
101 8.0 5.4 8.0
100 6.5 5.0 7.6





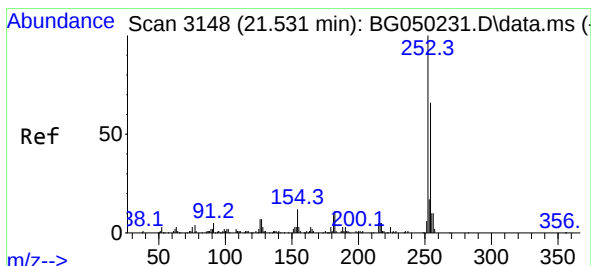
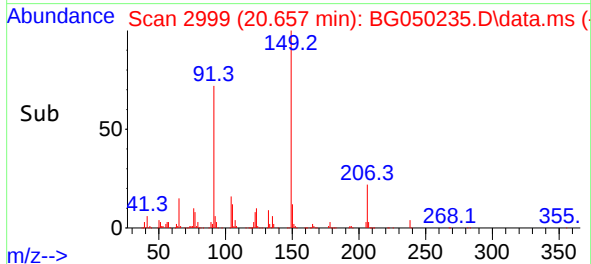
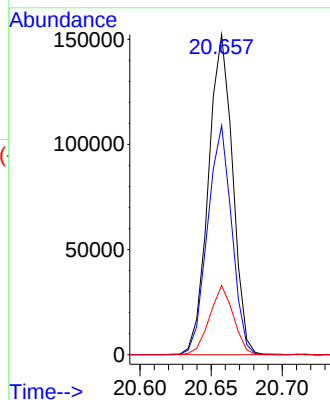
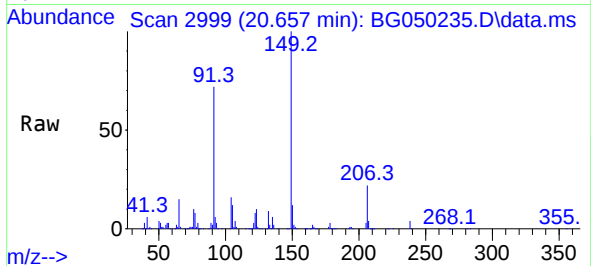
#83
Butylbenzylphthalate
Concen: 37.412 ng/ul
RT: 20.657 min Scan# 2999
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

Tgt Ion:149 Resp: 180730
Ion Ratio Lower Upper
149 100
91 71.6 60.6 90.8
206 21.6 16.8 25.2

Instrument :
BNA_G
ClientSampled :
SLCS845

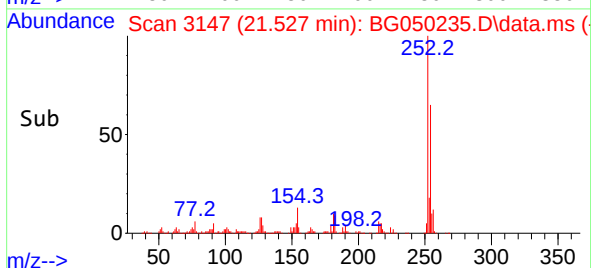
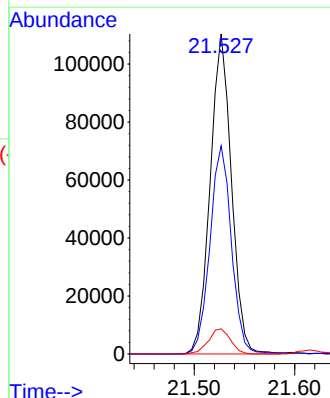
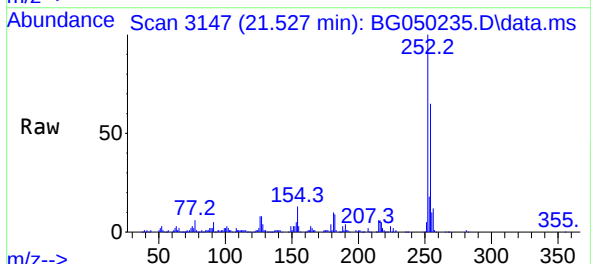
Manual Integrations
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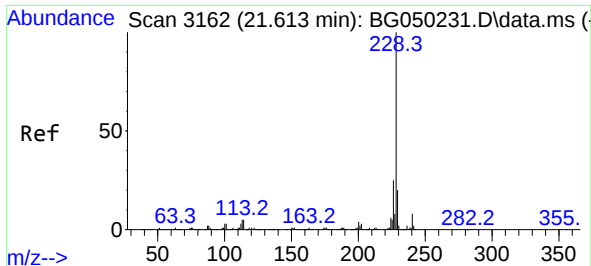
mohammad
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#84
3,3'-Dichlorobenzidine
Concen: 36.178 ng/ul
RT: 21.527 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

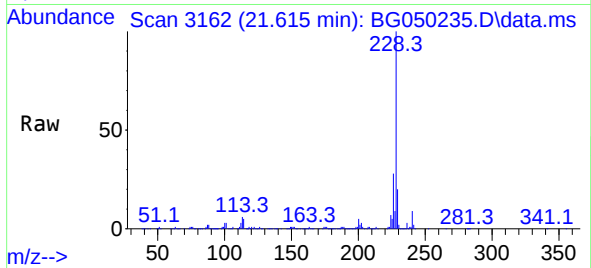
Tgt Ion:252 Resp: 162329
Ion Ratio Lower Upper
252 100
254 65.0 54.2 81.2
126 7.9 5.4 8.0





#85
Benzo(a)anthracene
Concen: 35.318 ng/ul
RT: 21.615 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

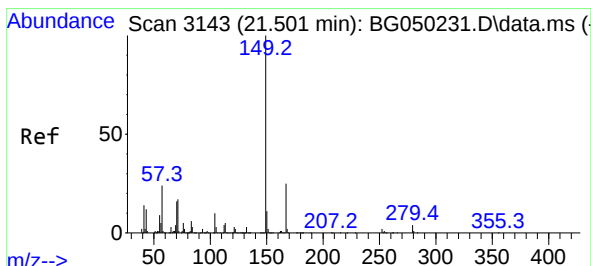
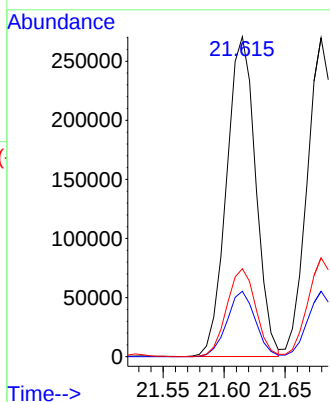
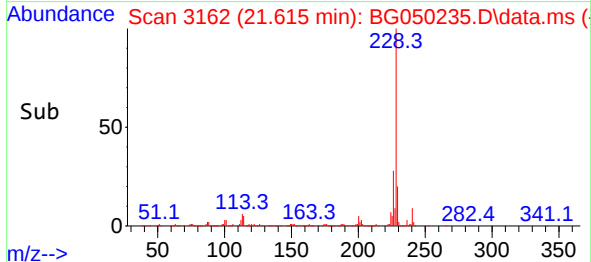
Instrument :
BNA_G
ClientSampled :
SLCS845



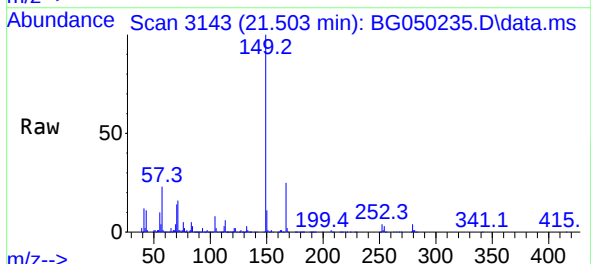
Tgt Ion:228 Resp: 449777
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.4
226 27.5 21.0 31.4

Manual Integrations
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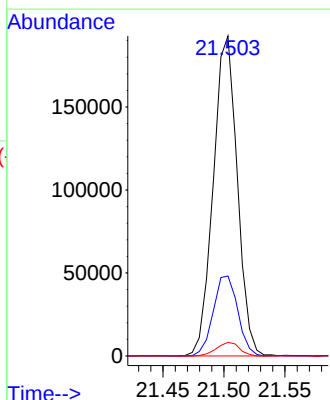
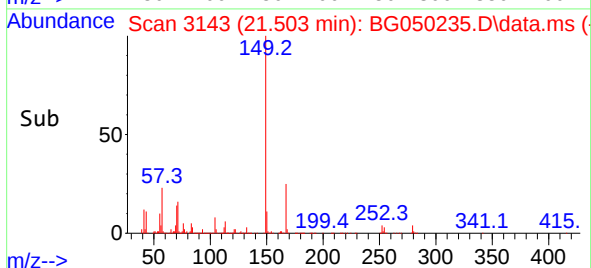
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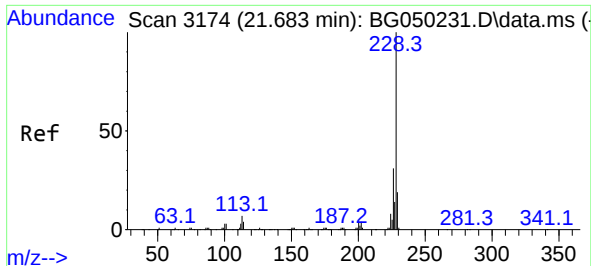


#86
Bis(2-ethylhexyl)phthalate
Concen: 36.612 ng/ul
RT: 21.503 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

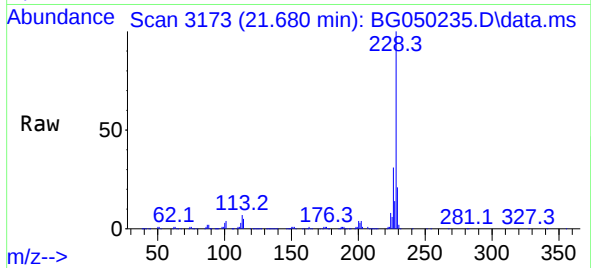


Tgt Ion:149 Resp: 264142
Ion Ratio Lower Upper
149 100
167 25.0 20.4 30.6
279 4.3 3.7 5.5

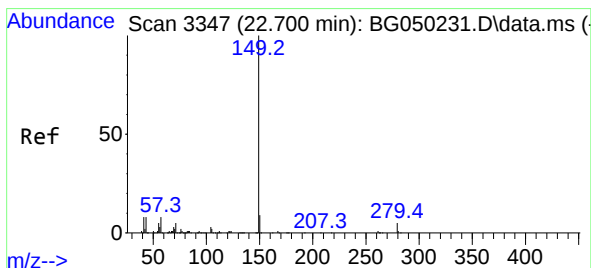
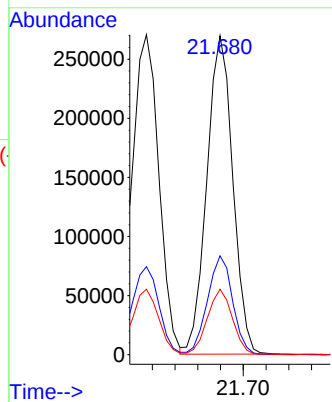
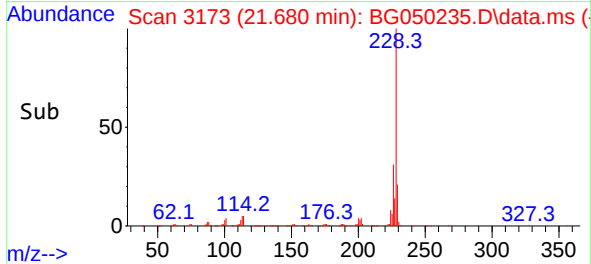




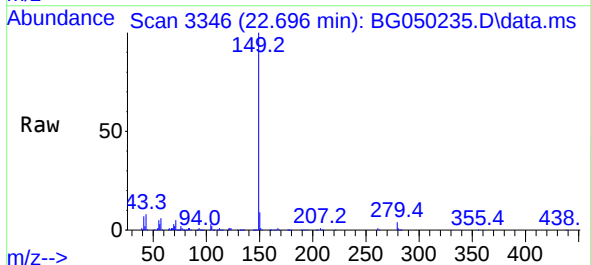
#87
Chrysene
Concen: 36.003 ng/uI
RT: 21.680 min Scan# 3173
Delta R.T. -0.005 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



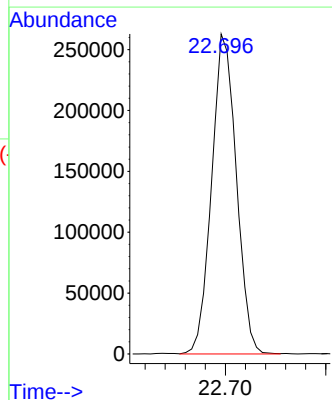
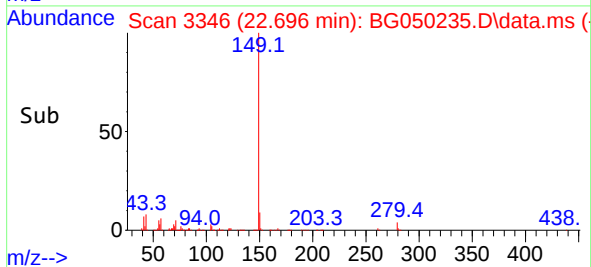
Tgt Ion:228 Resp: 427410
Ion Ratio Lower Upper
228 100
226 31.0 23.0 34.4
229 20.5 17.8 26.6



#89
Di-n-octyl phthalate
Concen: 24.610 ng/uI
RT: 22.696 min Scan# 3346
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



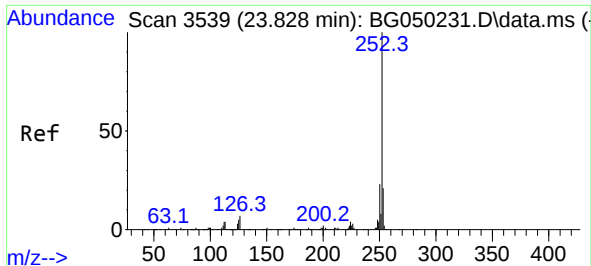
Tgt Ion:149 Resp: 449199



Instrument :
BNA_G
ClientSampleId :
SLCS845

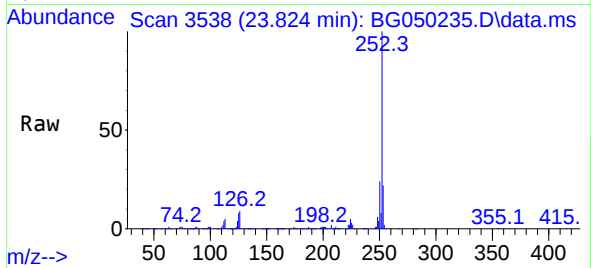
Manual Integrations
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#90
Benzo(b)fluoranthene
Concen: 37.363 ng/ul
RT: 23.824 min Scan# 3538
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

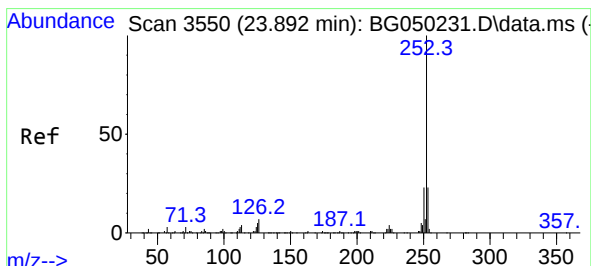
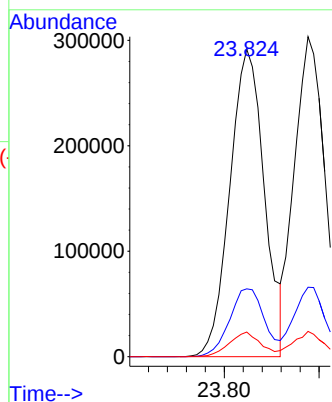
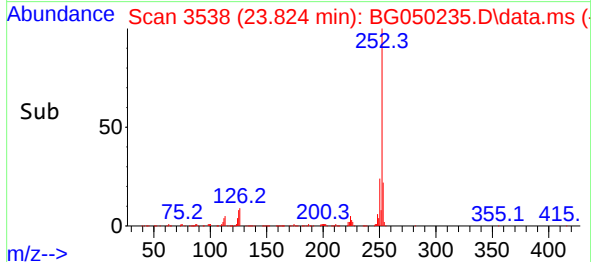
Instrument :
BNA_G
ClientSampleId :
SLCS845



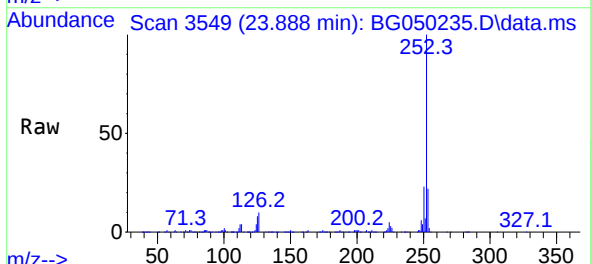
Tgt Ion:252 Resp: 737425
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 8.0 3.4 5.0#

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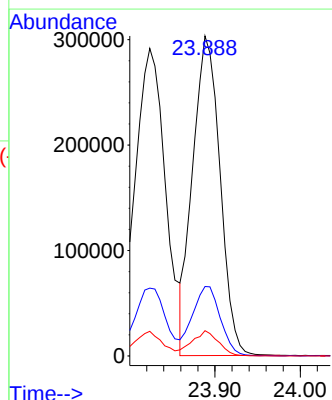
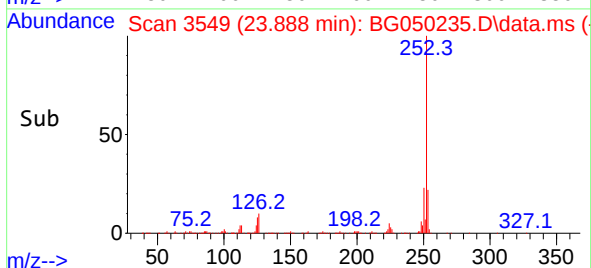
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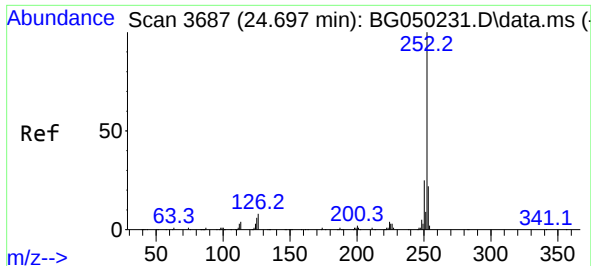


#91
Benzo(k)fluoranthene
Concen: 35.819 ng/ul
RT: 23.888 min Scan# 3549
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



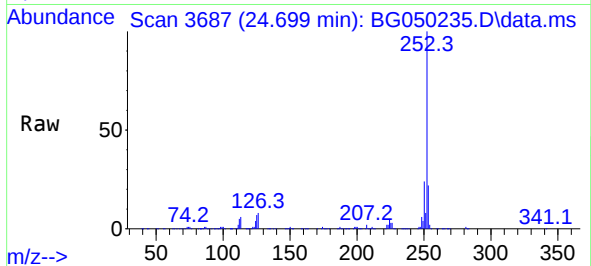
Tgt Ion:252 Resp: 674846
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.9 4.1 6.1#





#93
Benzo(a)pyrene
Concen: 35.260 ng/ul
RT: 24.699 min Scan# 3687
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

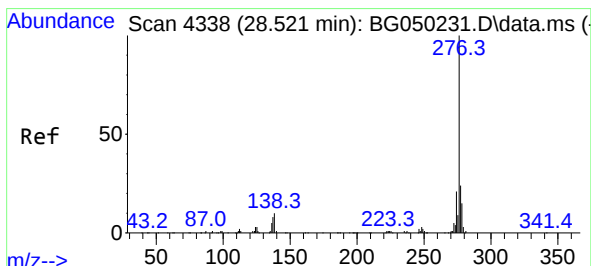
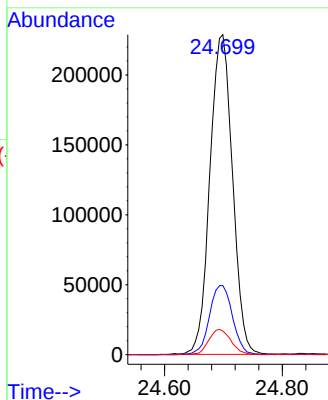
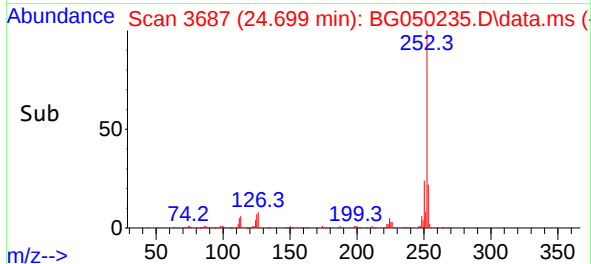
Instrument :
BNA_G
ClientSampleId :
SLCS845



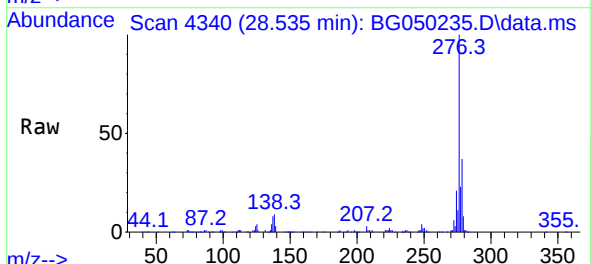
Tgt Ion:252 Resp: 608409
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 7.4 4.4 6.6#

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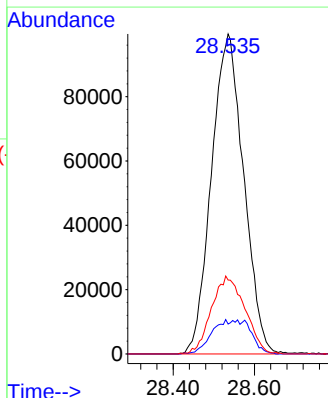
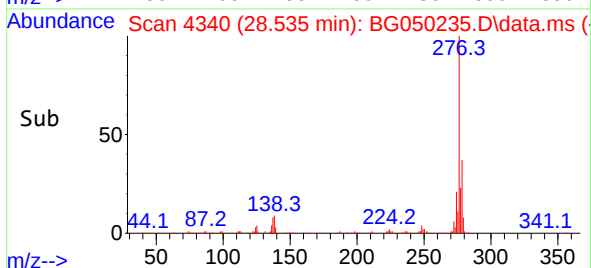
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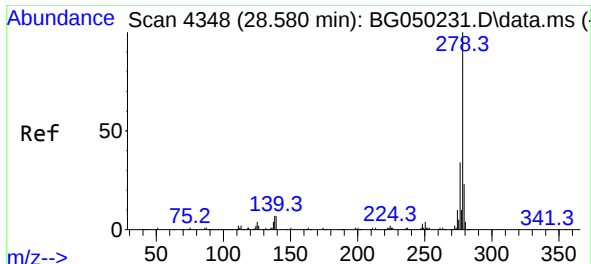


#94
Indeno(1,2,3-cd)pyrene
Concen: 24.185 ng/ul
RT: 28.535 min Scan# 4340
Delta R.T. -0.011 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



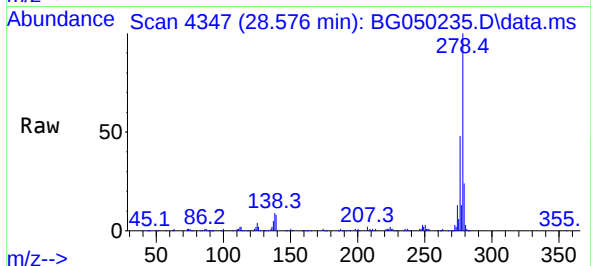
Tgt Ion:276 Resp: 546810
Ion Ratio Lower Upper
276 100
138 9.4 5.5 8.3#
277 23.1 18.6 27.8





#95
Dibenzo(a,h)anthracene
Concen: 24.157 ng/ul
RT: 28.576 min Scan# 4347
Delta R.T. -0.023 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42

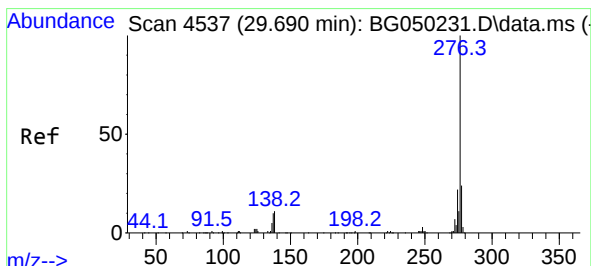
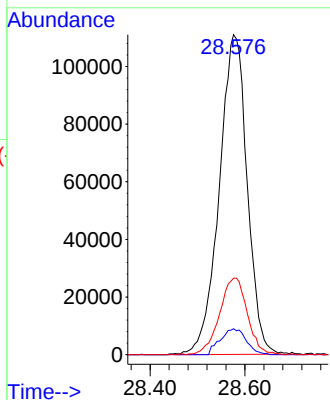
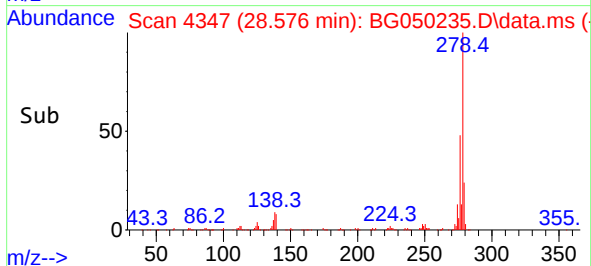
Instrument :
BNA_G
ClientSampled :
SLCS845



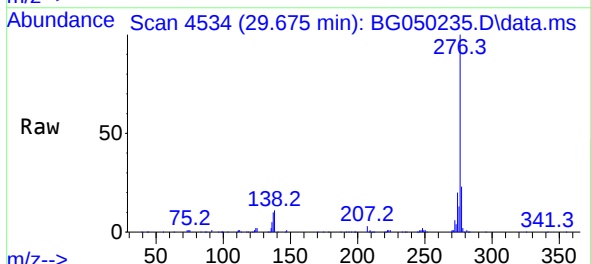
Tgt Ion:278 Resp: 453083
Ion Ratio Lower Upper
278 100
139 8.1 5.2 7.8#
279 23.9 19.0 28.4

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 25.377 ng/ul
RT: 29.675 min Scan# 4534
Delta R.T. -0.023 min
Lab File: BG050235.D
Acq: 9 Sep 2021 18:42



Tgt Ion:276 Resp: 459698
Ion Ratio Lower Upper
276 100
138 10.6 8.6 13.0
277 23.4 17.4 26.0

