

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053647.D
 Acq On : 20 May 2022 17:06
 Operator : CG/JU
 Sample : N2872-16MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2022
 Supervised By : Jagrut Upadhyay 05/23/2022

Quant Time: May 23 01:32:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	30169	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	124516	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	88401	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	195586	20.000	ng	0.00
76) Chrysene-d12	21.721	240	179231	20.000	ng	-0.01
86) Perylene-d12	24.987	264	183014	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	231751	130.370	ng	0.00
7) Phenol-d6	7.241	99	342396	126.914	ng	0.00
23) Nitrobenzene-d5	9.232	82	228762	78.207	ng	0.00
42) 2,4,6-Tribromophenol	16.188	330	146956	112.713	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	487344	80.559	ng	-0.01
79) Terphenyl-d14	20.047	244	790723	82.168	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	35743	38.322	ng	92
3) Pyridine	3.910	79	92476	40.599	ng	95
4) n-Nitrosodimethylamine	3.822	42	54345	48.978	ng	95
6) Aniline	7.394	93	125095	41.865	ng	96
8) 2-Chlorophenol	7.634	128	105121	56.567	ng	93
9) Benzaldehyde	7.200	77	87096m	50.817	ng	
10) Phenol	7.264	94	145327	55.078	ng	97
11) bis(2-Chloroethyl)ether	7.482	93	99040	50.329	ng	97
12) 1,3-Dichlorobenzene	7.957	146	110657	50.475	ng	92
13) 1,4-Dichlorobenzene	8.104	146	112024	50.637	ng	98
14) 1,2-Dichlorobenzene	8.422	146	109629	52.771	ng	97
15) Benzyl Alcohol	8.304	79	113010	50.104	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.592	45	162253	50.659	ng	97
17) 2-Methylphenol	8.516	107	98240	55.086	ng	96
18) Hexachloroethane	9.150	117	41599	49.516	ng	94
19) n-Nitroso-di-n-propyla...	8.868	70	96549	49.879	ng	99
20) 3+4-Methylphenols	8.845	107	129645	51.473	ng	97
22) Acetophenone	8.892	105	164557	48.288	ng	# 95
24) Nitrobenzene	9.273	77	142502	50.334	ng	97
25) Isophorone	9.796	82	253278	51.450	ng	98
26) 2-Nitrophenol	9.990	139	59980	52.309	ng	91
27) 2,4-Dimethylphenol	10.049	122	103302	59.863	ng	95
28) bis(2-Chloroethoxy)met...	10.272	93	135531	47.870	ng	99
29) 2,4-Dichlorophenol	10.530	162	109293	52.477	ng	93
30) 1,2,4-Trichlorobenzene	10.742	180	114161	48.244	ng	96
31) Naphthalene	10.930	128	317588	50.142	ng	99
32) Benzoic acid	10.231	122	46934m	44.304	ng	
33) 4-Chloroaniline	11.042	127	45251	17.059	ng	96
34) Hexachlorobutadiene	11.212	225	81470	46.430	ng	96
35) Caprolactam	11.817	113	34687m	45.831	ng	
36) 4-Chloro-3-methylphenol	12.164	107	126607	50.821	ng	97
37) 2-Methylnaphthalene	12.528	142	226671	47.955	ng	99
38) 1-Methylnaphthalene	12.745	142	220903m	47.900	ng	
40) 1,2,4,5-Tetrachloroben...	12.898	216	141831	50.899	ng	99
41) Hexachlorocyclopentadiene	12.874	237	135368	114.929	ng	97
43) 2,4,6-Trichlorophenol	13.139	196	94436	51.919	ng	95

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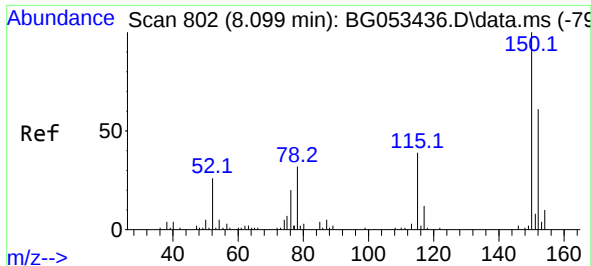
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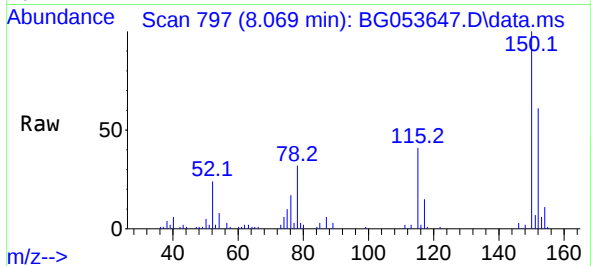
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.221	196	102344	52.868	ng	98
46) 1,1'-Biphenyl	13.532	154	311137	51.635	ng	98
47) 2-Chloronaphthalene	13.573	162	242829	51.436	ng	98
48) 2-Nitroaniline	13.779	65	92174	52.397	ng	97
49) Acenaphthylene	14.419	152	401658	53.316	ng	100
50) Dimethylphthalate	14.143	163	315884	47.023	ng	99
51) 2,6-Dinitrotoluene	14.267	165	67700	49.467	ng	97
52) Acenaphthene	14.760	154	226961	50.553	ng	98
53) 3-Nitroaniline	14.601	138	50193	33.943	ng	97
54) 2,4-Dinitrophenol	14.819	184	81020	92.226	ng	91
55) Dibenzofuran	15.095	168	381087	47.257	ng	100
56) 4-Nitrophenol	14.925	139	105036	99.447	ng	91
57) 2,4-Dinitrotoluene	15.060	165	97776	49.287	ng	97
58) Fluorene	15.741	166	310852	48.035	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.330	232	91051	46.357	ng	99
60) Diethylphthalate	15.500	149	320761	46.225	ng	98
61) 4-Chlorophenyl-phenyle...	15.729	204	167947	46.508	ng	99
62) 4-Nitroaniline	15.765	138	71423	46.567	ng	92
63) Azobenzene	16.023	77	340120	47.866	ng	98
65) 4,6-Dinitro-2-methylph...	15.829	198	59360	50.933	ng	96
66) n-Nitrosodiphenylamine	15.947	169	273705	53.300	ng	99
67) 4-Bromophenyl-phenylether	16.622	248	114974	50.334	ng	93
68) Hexachlorobenzene	16.751	284	125479	50.159	ng	99
69) Atrazine	16.892	200	109827	50.803	ng	95
70) Pentachlorophenol	17.104	266	130083	95.594	ng	89
71) Phenanthrene	17.486	178	503095	50.587	ng	98
72) Anthracene	17.574	178	510650	52.239	ng	99
73) Carbazole	17.844	167	463214	48.351	ng	99
74) Di-n-butylphthalate	18.390	149	526614	48.875	ng	99
75) Fluoranthene	19.495	202	605851	47.049	ng	98
77) Benzidine	19.665	184	166864	43.194	ng	99
78) Pyrene	19.853	202	607875	52.392	ng	99
80) Butylbenzylphthalate	20.728	149	232610	54.673	ng	98
81) Benzo(a)anthracene	21.704	228	578999	50.649	ng	98
82) 3,3'-Dichlorobenzidine	21.610	252	119110	41.087	ng	95
83) Chrysene	21.768	228	536773	50.275	ng	97
84) Bis(2-ethylhexyl)phtha...	21.592	149	323911	55.159	ng	98
85) Di-n-octyl phthalate	22.808	149	552347	55.624	ng	99
87) Indeno(1,2,3-cd)pyrene	28.741	276	634713	49.795	ng	# 98
88) Benzo(b)fluoranthene	23.953	252	570277	52.643	ng	99
89) Benzo(k)fluoranthene	24.018	252	567882	53.347	ng	98
90) Benzo(a)pyrene	24.841	252	556979	60.407	ng	# 99
91) Dibenzo(a,h)anthracene	28.800	278	556475	52.982	ng	99
92) Benzo(g,h,i)perylene	29.928	276	544702	52.319	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

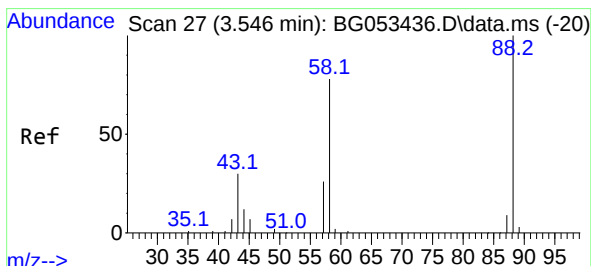
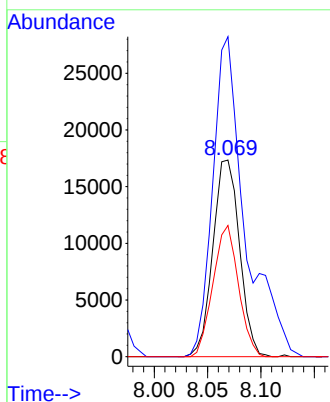
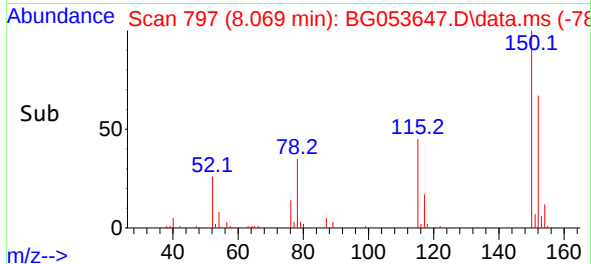
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:152 Resp: 30169
Ion Ratio Lower Upper
152 100
150 162.8 131.6 197.4
115 66.7 50.9 76.3

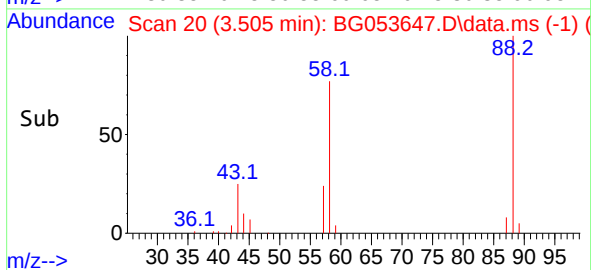
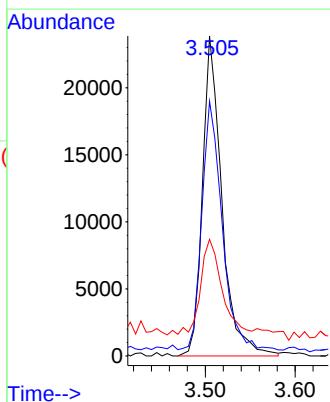
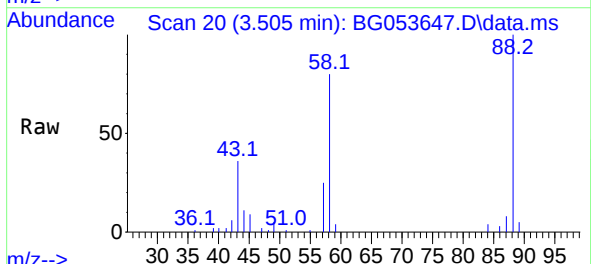
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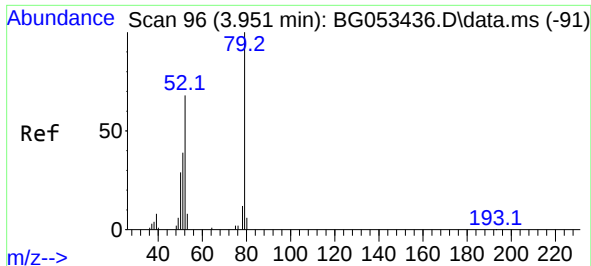
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#2
1,4-Dioxane
Concen: 38.322 ng
RT: 3.505 min Scan# 20
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

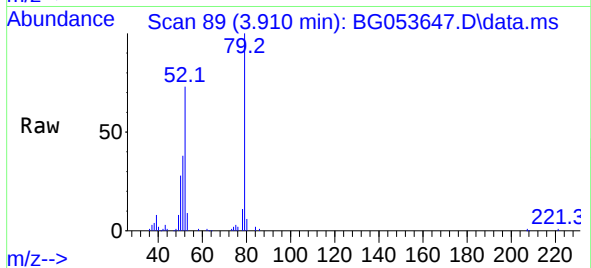
Tgt Ion: 88 Resp: 35743
Ion Ratio Lower Upper
88 100
58 81.2 59.2 88.8
43 33.2 24.3 36.5





#3
Pyridine
Concen: 40.599 ng
RT: 3.910 min Scan# 89
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

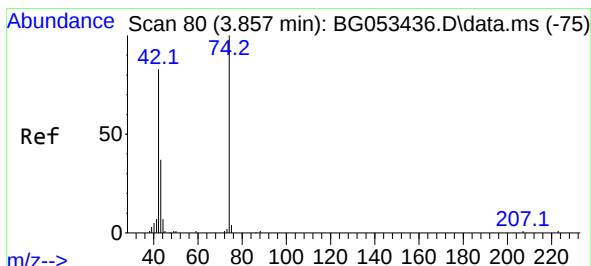
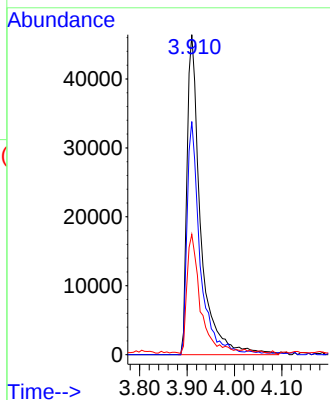
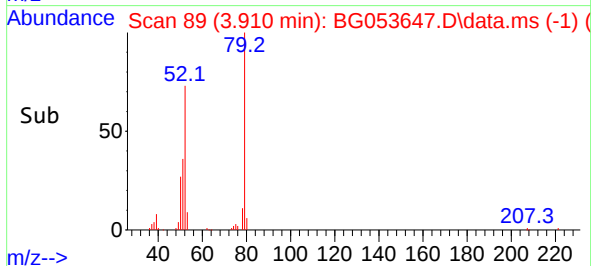
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



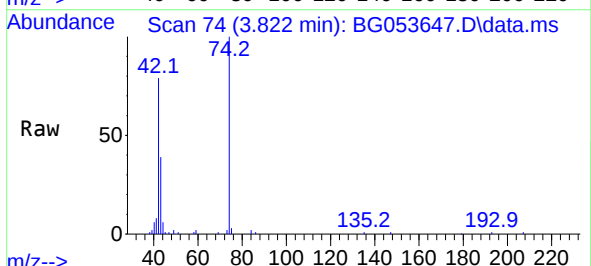
Tgt Ion: 79 Resp: 92470
Ion Ratio Lower Upper
79 100
52 72.8 54.6 81.8
51 37.6 32.5 48.7

Manual Integrations
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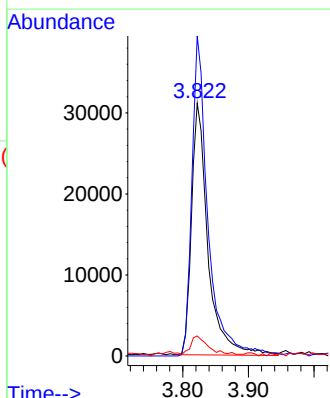
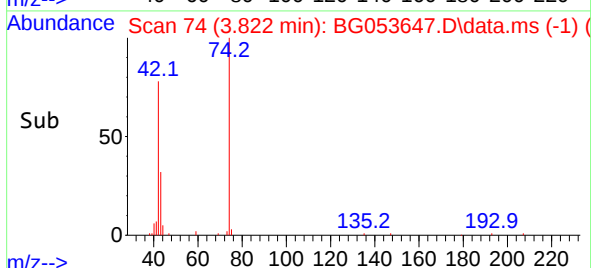
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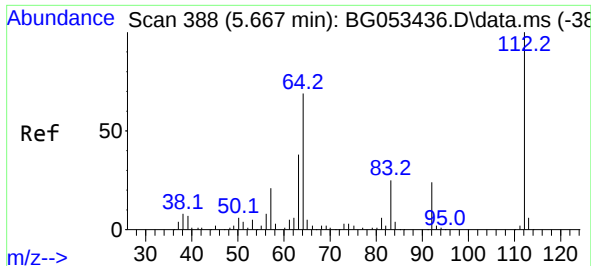


#4
n-Nitrosodimethylamine
Concen: 48.978 ng
RT: 3.822 min Scan# 74
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



Tgt Ion: 42 Resp: 54345
Ion Ratio Lower Upper
42 100
74 126.6 97.0 145.4
44 7.9 7.0 10.4





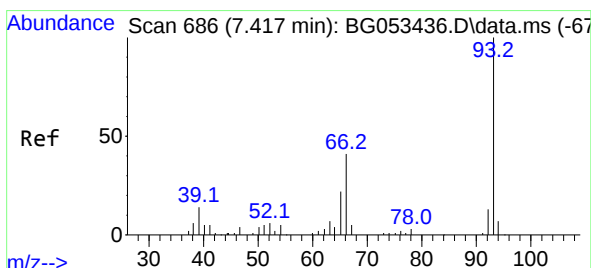
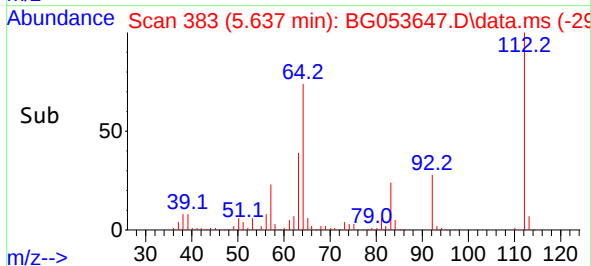
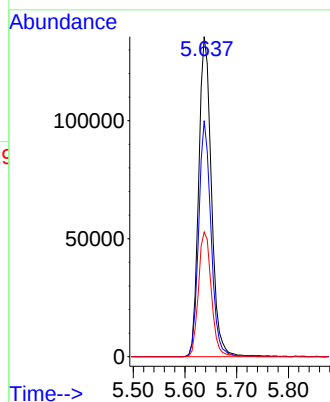
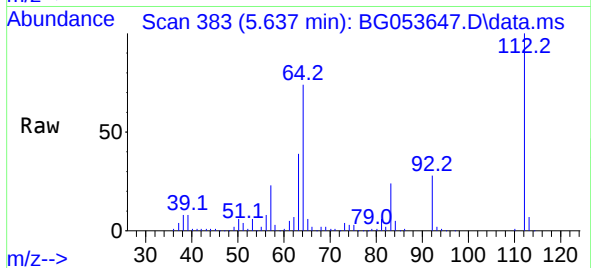
#5
2-Fluorophenol
Concen: 130.370 ng
RT: 5.637 min Scan# 311
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

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P022-SS002-0006-01MS

Tgt Ion:112 Resp: 23175
Ion Ratio Lower Upper
112 100
64 73.7 55.1 82.7
63 39.0 30.4 45.6

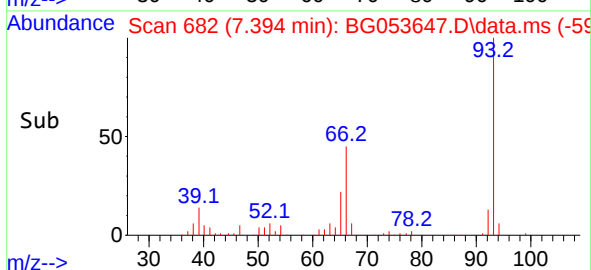
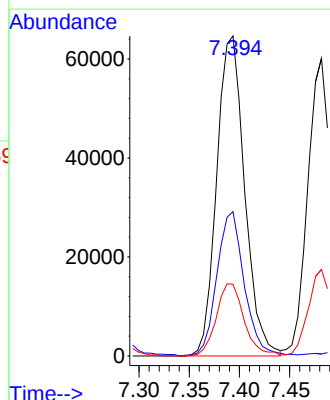
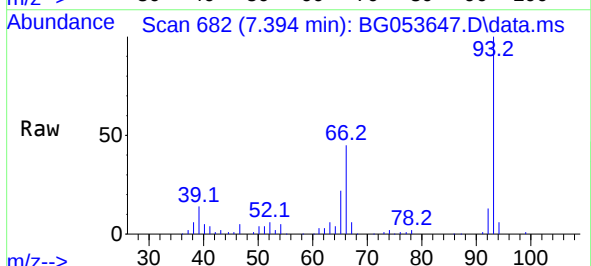
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#6
Aniline
Concen: 41.865 ng
RT: 7.394 min Scan# 682
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

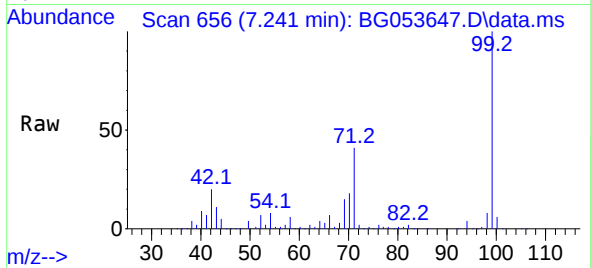
Tgt Ion: 93 Resp: 125095
Ion Ratio Lower Upper
93 100
66 45.1 32.9 49.3
65 22.4 17.8 26.8





#7
Phenol-d6
Concen: 126.914 ng
RT: 7.241 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

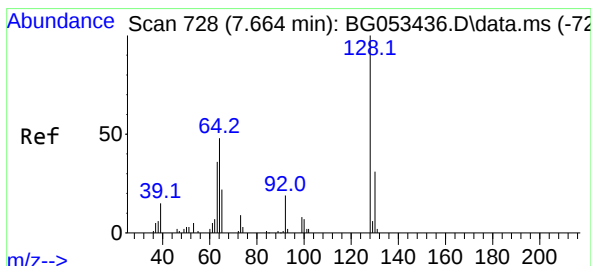
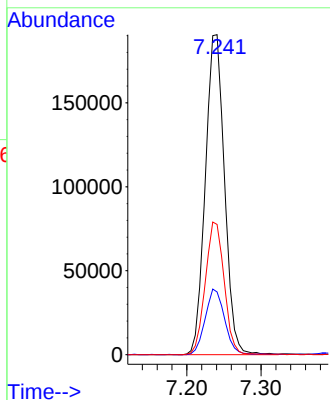
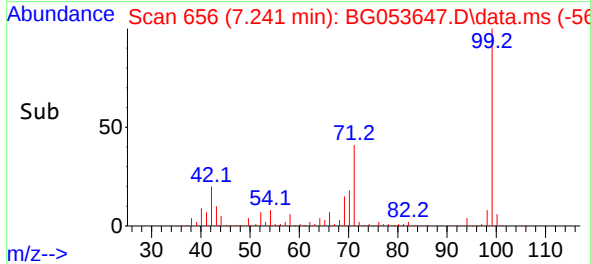
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 342390
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 40.7 33.8 50.8

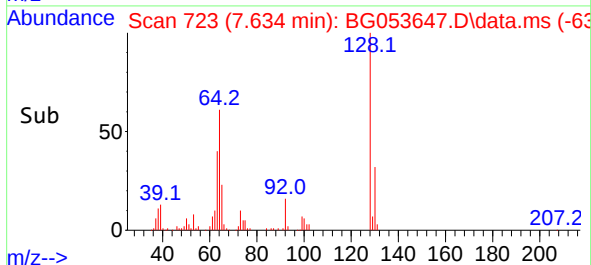
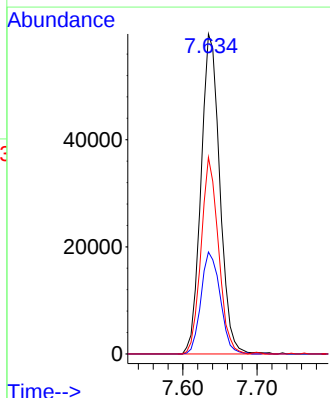
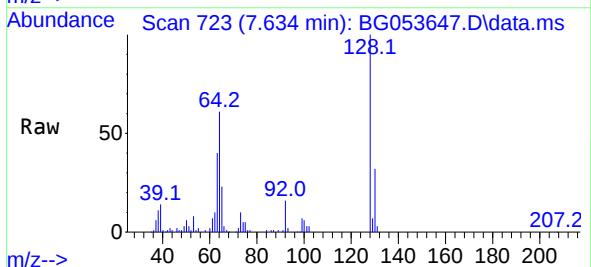
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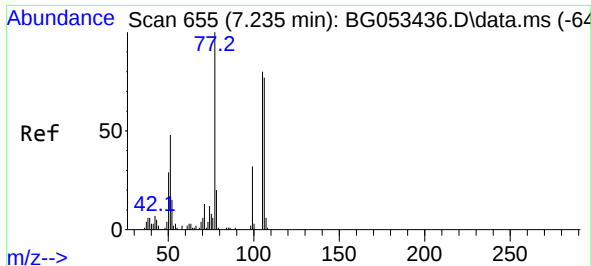
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#8
2-Chlorophenol
Concen: 56.567 ng
RT: 7.634 min Scan# 723
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

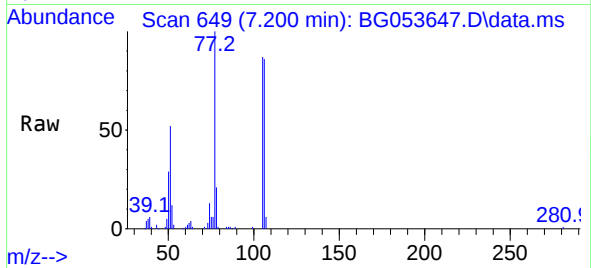
Tgt Ion:128 Resp: 105121
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 61.4 35.1 75.1





#9
Benzaldehyde
Concen: 50.817 ng m
RT: 7.200 min Scan# 64
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

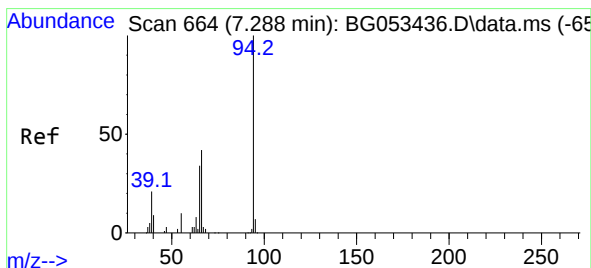
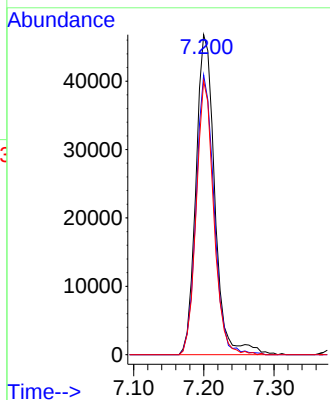
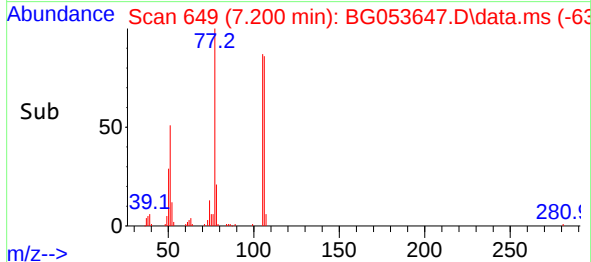
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 77 Resp: 87090
Ion Ratio Lower Upper
77 100
105 87.4 59.6 99.6
106 85.6 56.8 96.8

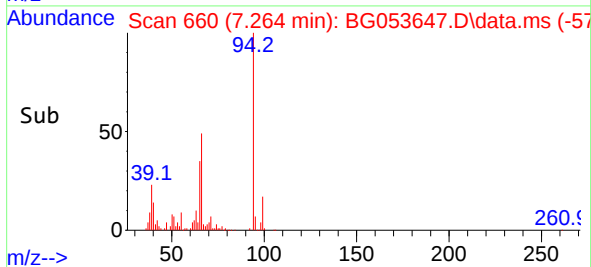
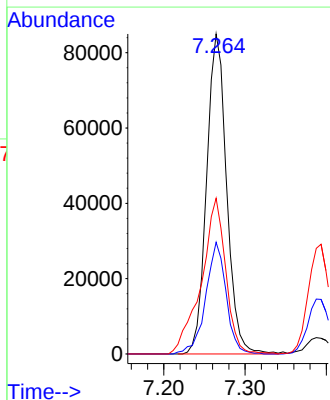
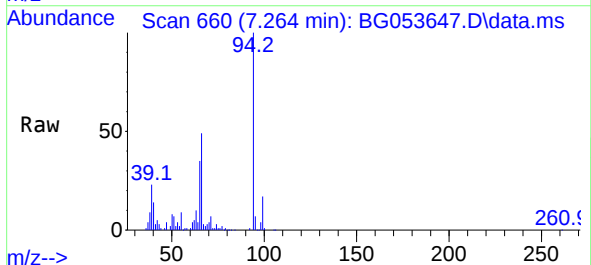
Manual Integrations
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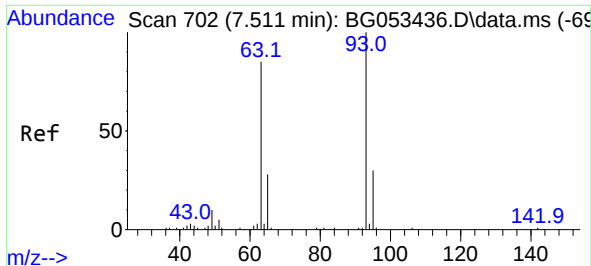
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#10
Phenol
Concen: 55.078 ng
RT: 7.264 min Scan# 660
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

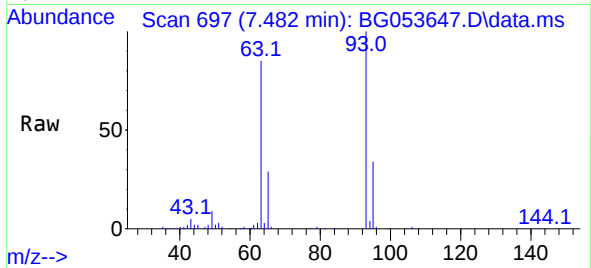
Tgt Ion: 94 Resp: 145327
Ion Ratio Lower Upper
94 100
65 34.9 14.8 54.8
66 48.7 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 50.329 ng
RT: 7.482 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

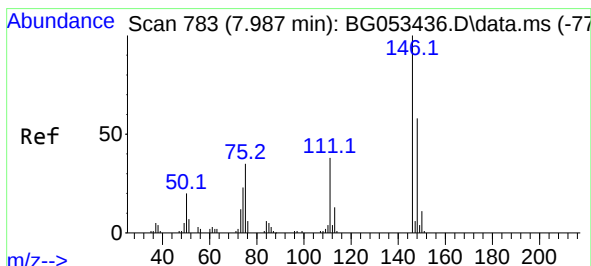
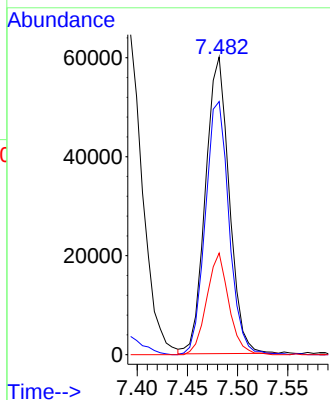
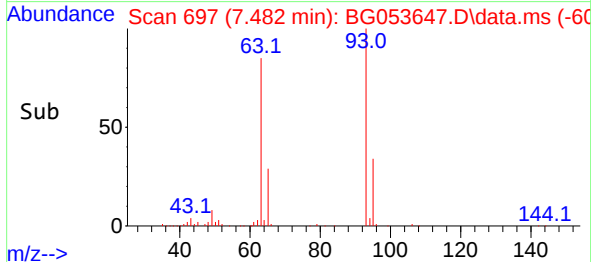
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



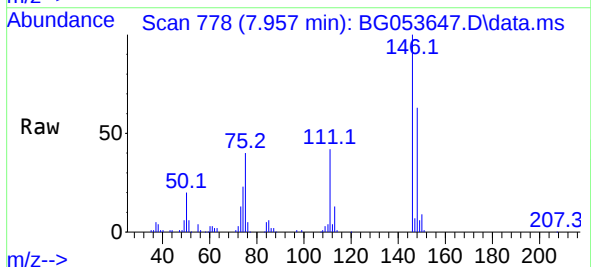
Tgt Ion: 93 Resp: 99040
Ion Ratio Lower Upper
93 100
63 85.0 63.6 103.6
95 34.1 10.1 50.1

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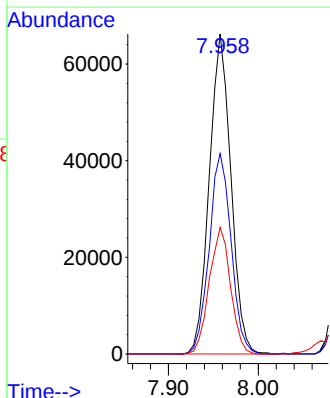
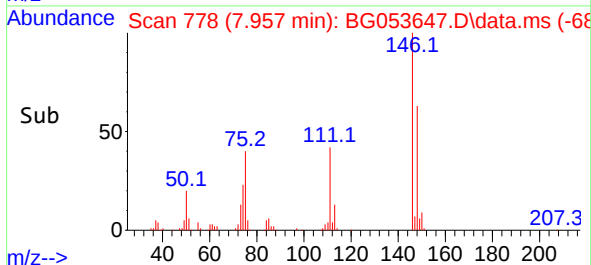
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

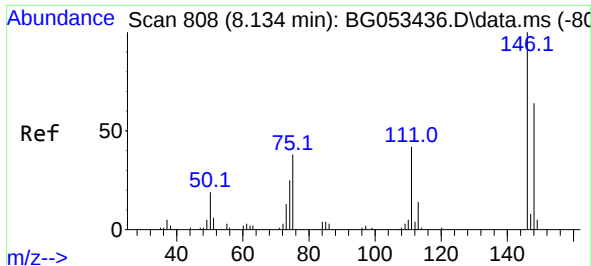


#12
1,3-Dichlorobenzene
Concen: 50.475 ng
RT: 7.957 min Scan# 778
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



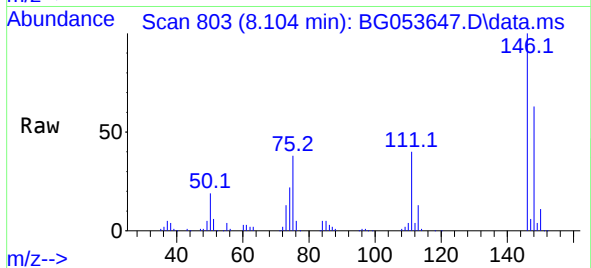
Tgt Ion:146 Resp: 110657
Ion Ratio Lower Upper
146 100
148 62.6 46.1 69.1
75 39.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 50.637 ng
RT: 8.104 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

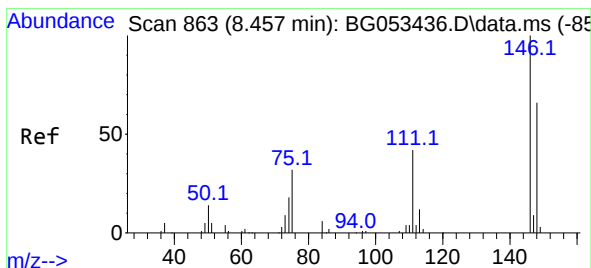
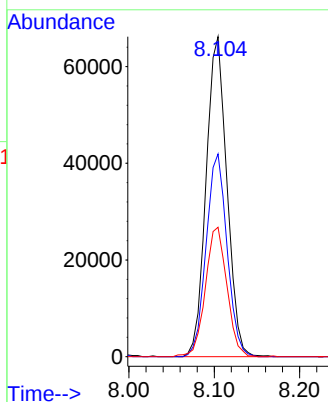
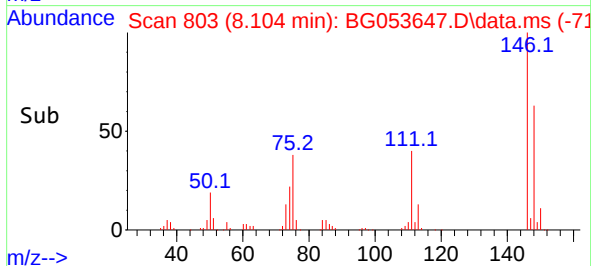
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



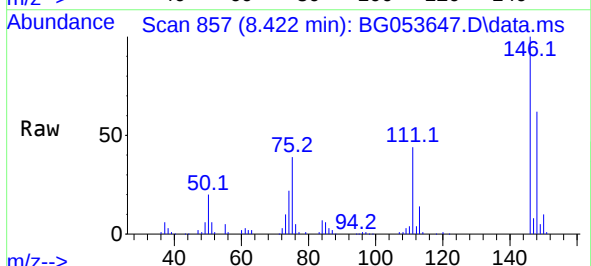
Tgt Ion:146 Resp: 112024
Ion Ratio Lower Upper
146 100
148 63.4 51.5 77.3
111 40.4 33.9 50.9

Manual Integrations
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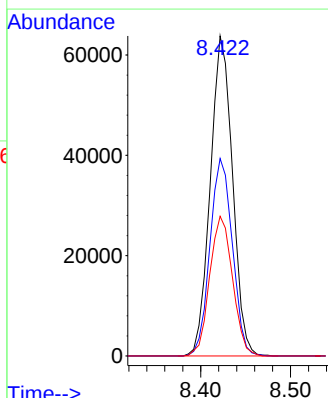
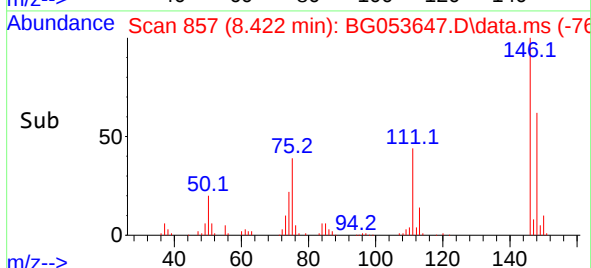
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

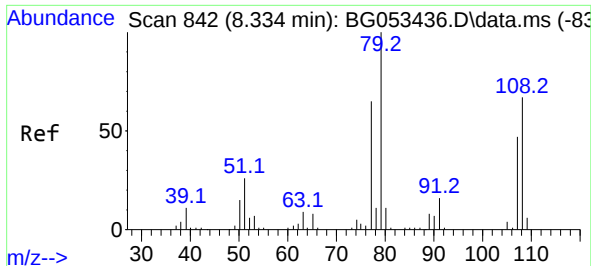


#14
1,2-Dichlorobenzene
Concen: 52.771 ng
RT: 8.422 min Scan# 857
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



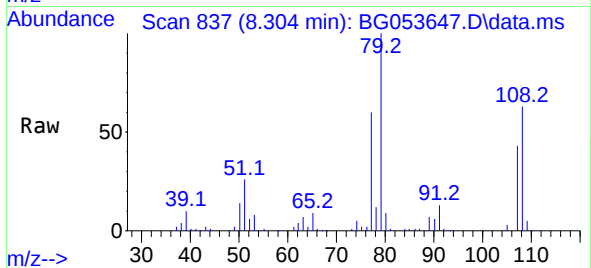
Tgt Ion:146 Resp: 109629
Ion Ratio Lower Upper
146 100
148 61.7 52.6 78.8
111 43.6 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.104 ng
RT: 8.304 min Scan# 811
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

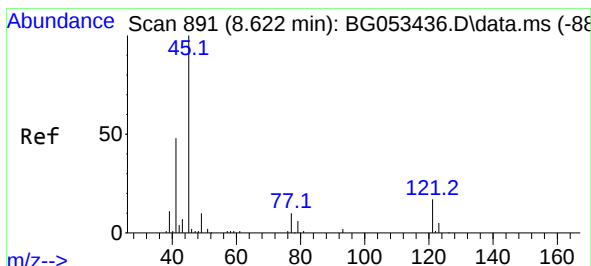
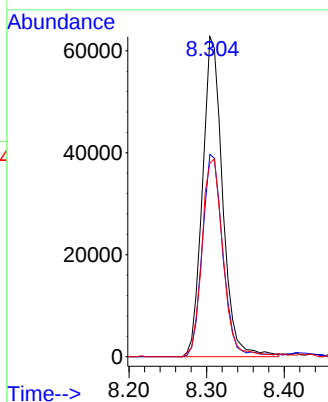
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



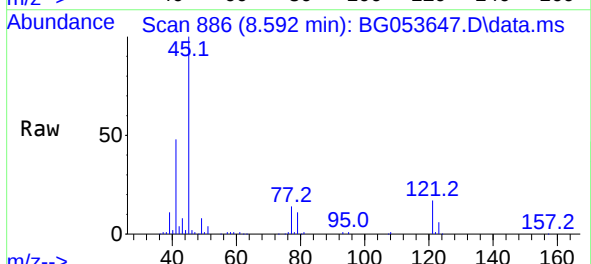
Tgt Ion: 79 Resp: 113010
Ion Ratio Lower Upper
79 100
108 63.2 53.7 80.5
77 60.5 52.2 78.4

Manual Integrations
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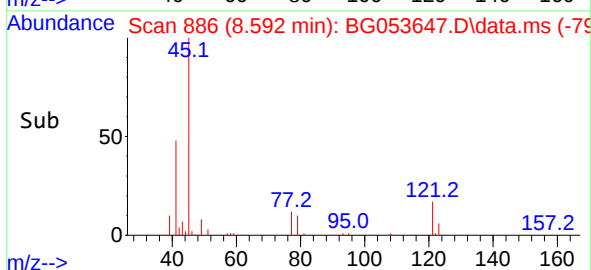
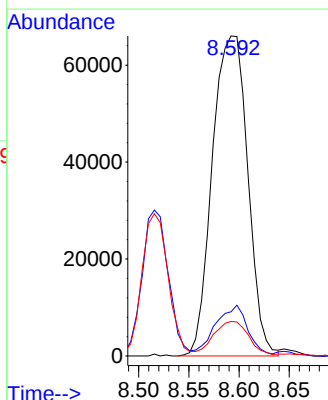
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

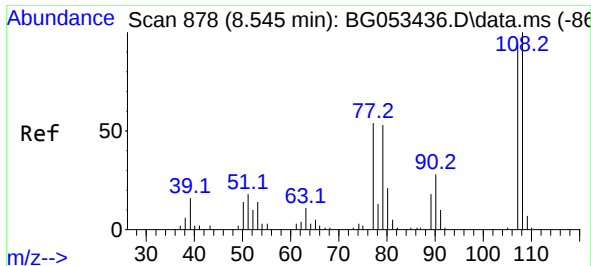


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.659 ng
RT: 8.592 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



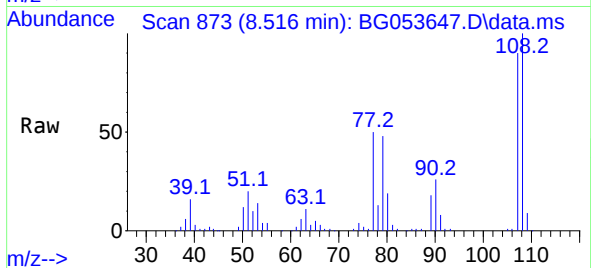
Tgt Ion: 45 Resp: 162253
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.7
79 10.8 0.0 29.7





#17
2-Methylphenol
Concen: 55.086 ng
RT: 8.516 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS

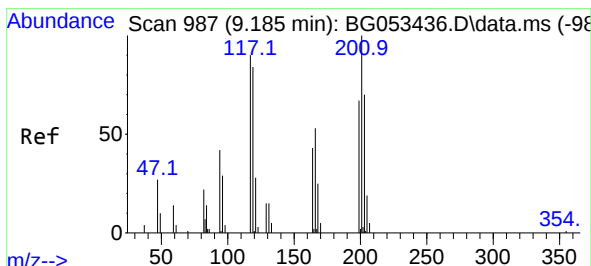
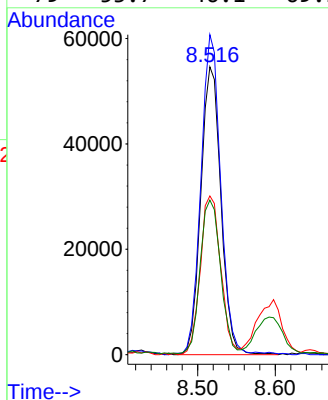
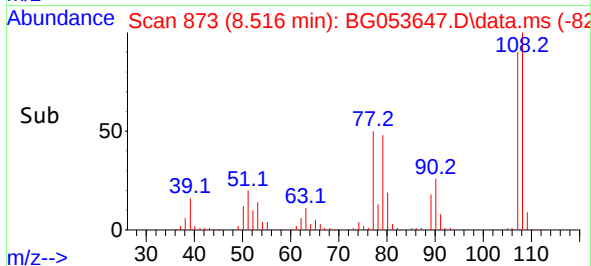


Tgt Ion:107 Resp: 98240

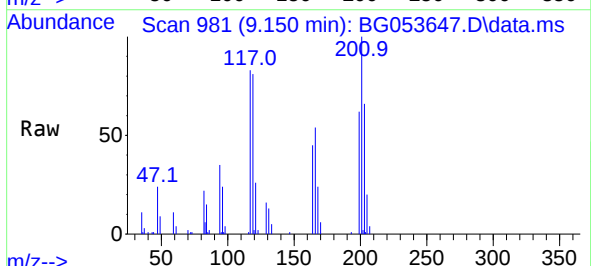
Ion	Ratio	Lower	Upper
107	100		
108	111.2	85.4	128.0
77	55.1	46.2	69.2
79	53.7	46.1	69.1

Manual Integrations
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Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

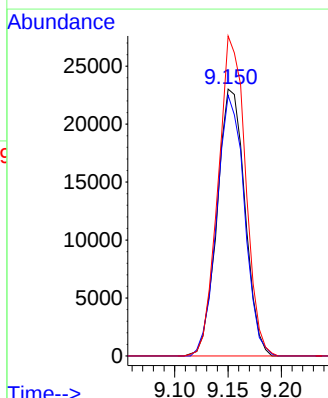
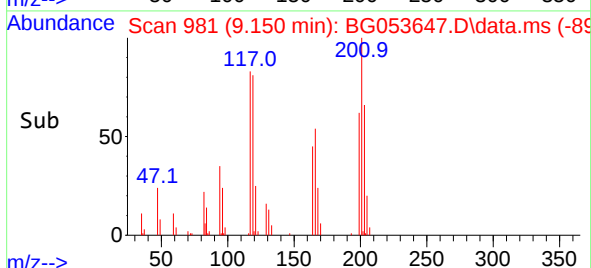


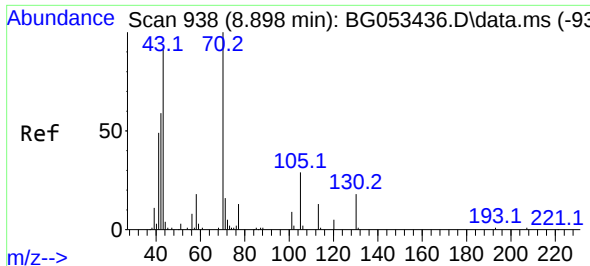
#18
Hexachloroethane
Concen: 49.516 ng
RT: 9.150 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



Tgt Ion:117 Resp: 41599

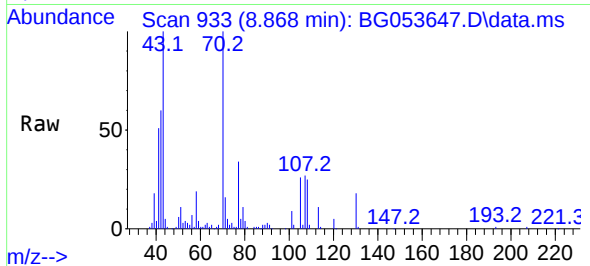
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.0	112.6
201	119.9	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 49.879 ng
RT: 8.868 min Scan# 912
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

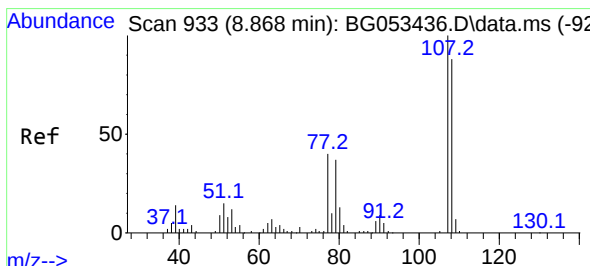
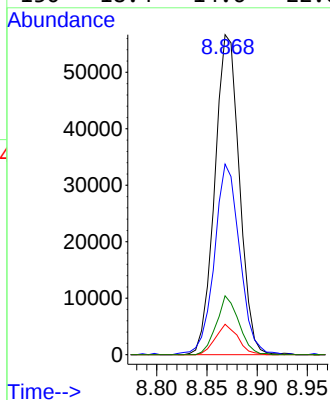
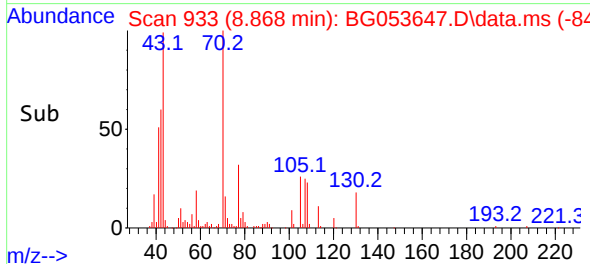
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 70 Resp: 96549
Ion Ratio Lower Upper
70 100
42 59.6 47.3 70.9
101 9.5 7.0 10.4
130 18.4 14.6 22.0

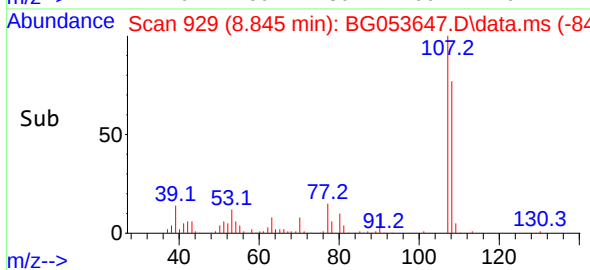
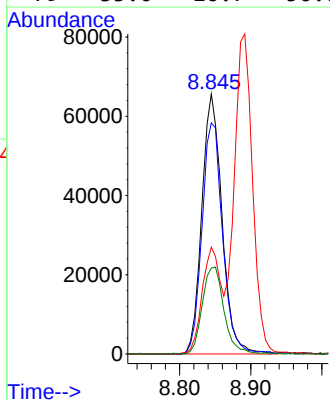
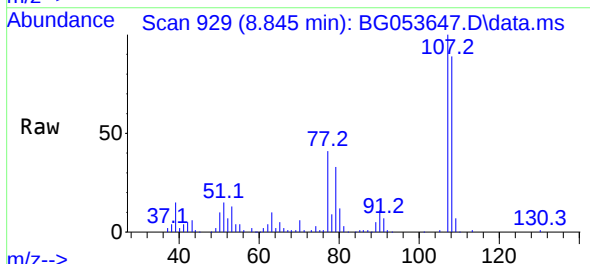
Manual Integrations
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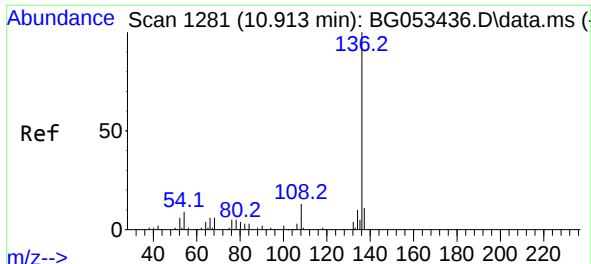
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#20
3+4-Methylphenols
Concen: 51.473 ng
RT: 8.845 min Scan# 929
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

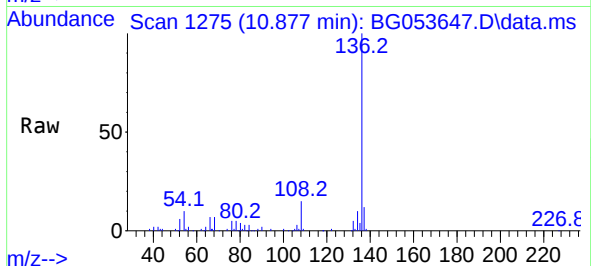
Tgt Ion:107 Resp: 129645
Ion Ratio Lower Upper
107 100
108 88.9 67.5 107.5
77 41.1 20.3 60.3
79 33.0 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 124510
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS

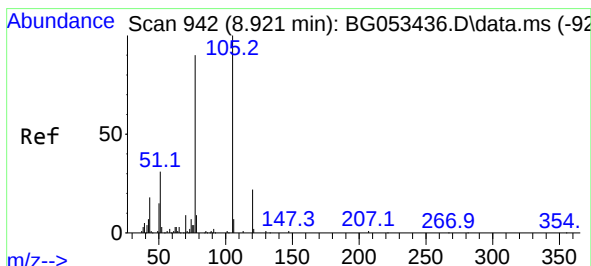
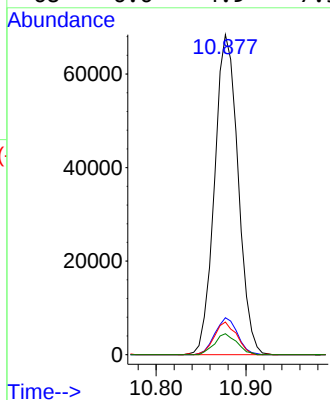
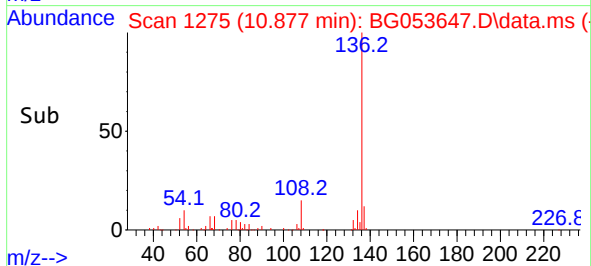


Tgt Ion:136 Resp: 124510

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.2	7.4	11.2
68	6.6	4.9	7.3

Manual Integrations
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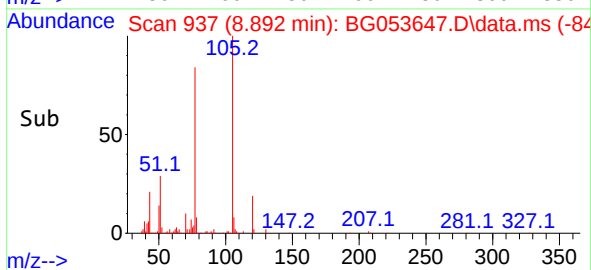
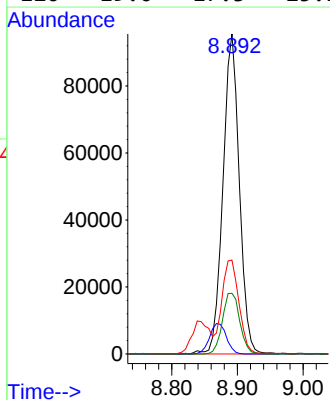
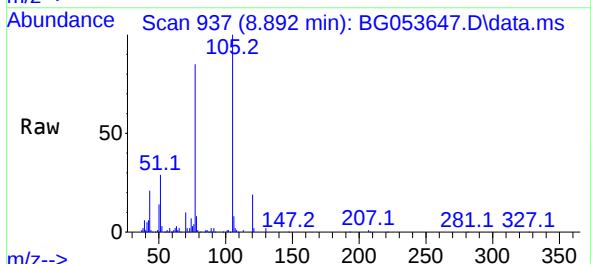
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#22
Acetophenone
Concen: 48.288 ng
RT: 8.892 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

Tgt Ion:105 Resp: 164557

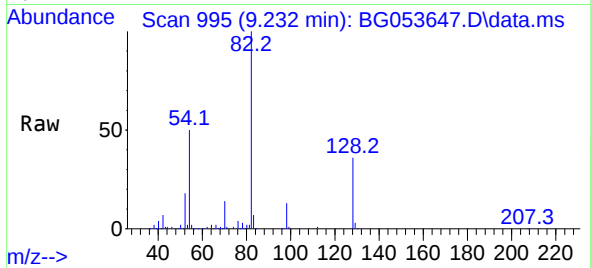
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.1	1.7#
51	29.4	25.4	38.0
120	19.0	17.3	25.9





#23
Nitrobenzene-d5
Concen: 78.207 ng
RT: 9.232 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

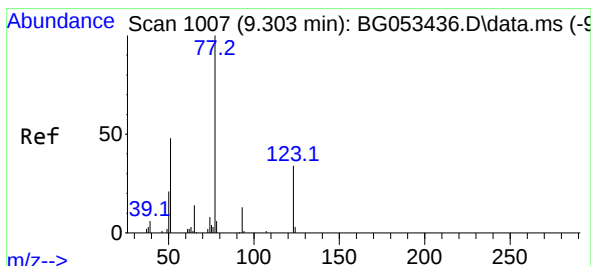
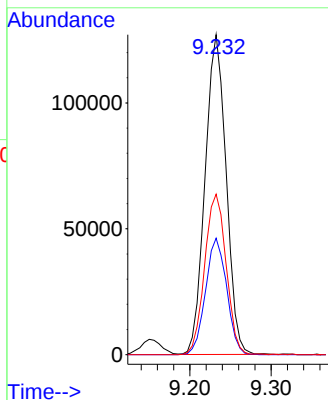
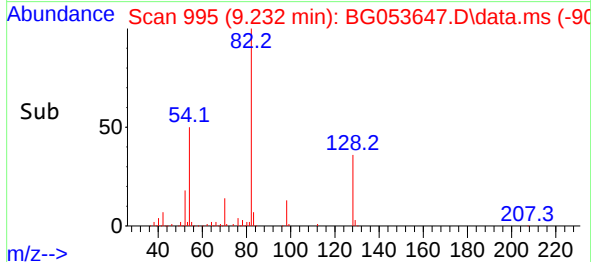
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



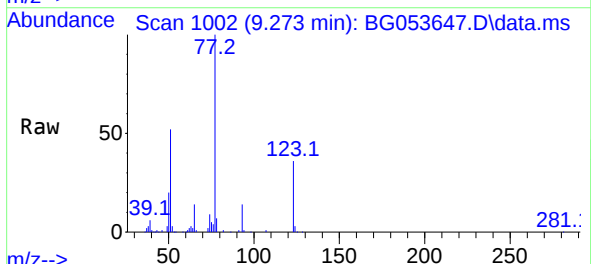
Tgt Ion: 82 Resp: 228762
Ion Ratio Lower Upper
82 100
128 36.4 27.9 41.9
54 50.1 41.2 61.8

Manual Integrations
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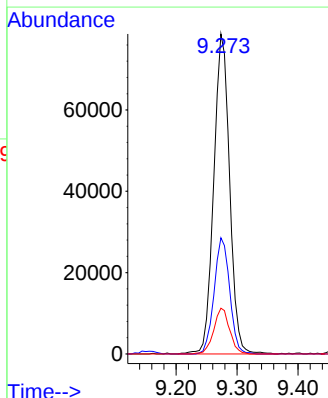
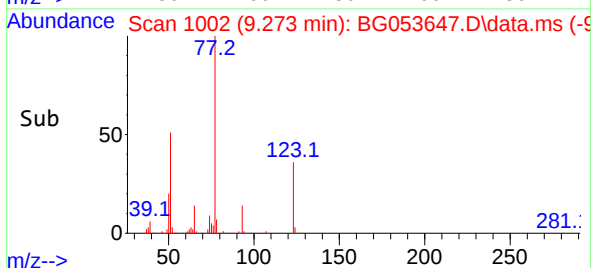
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

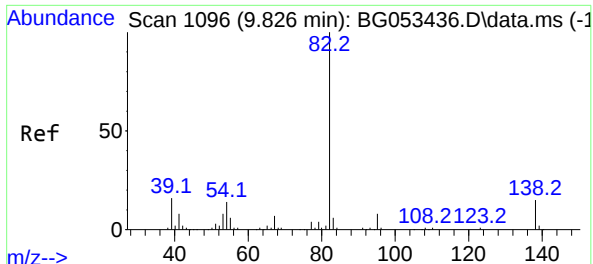


#24
Nitrobenzene
Concen: 50.334 ng
RT: 9.273 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



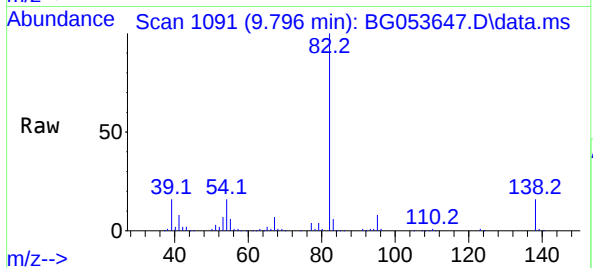
Tgt Ion: 77 Resp: 142502
Ion Ratio Lower Upper
77 100
123 36.3 27.4 41.0
65 14.3 11.4 17.0





#25
Isophorone
Concen: 51.450 ng
RT: 9.796 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

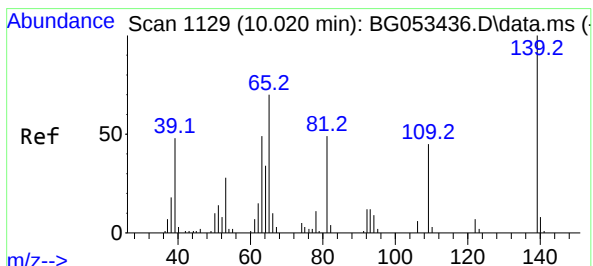
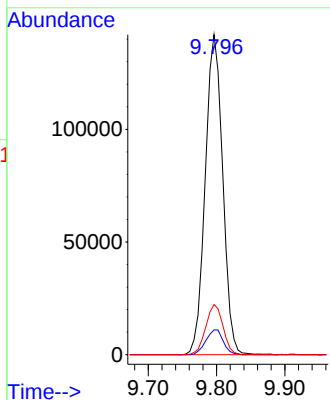
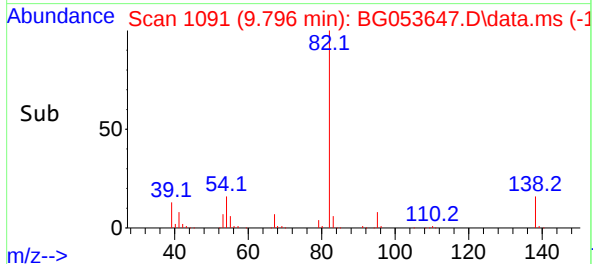
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion: 82 Resp: 253278
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 15.7 11.6 17.4

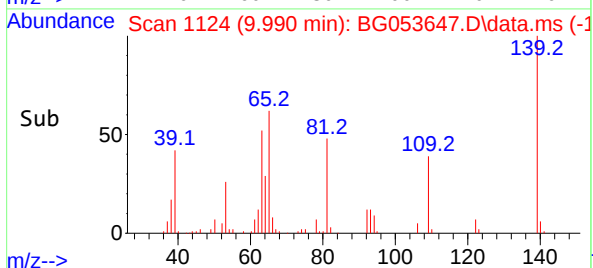
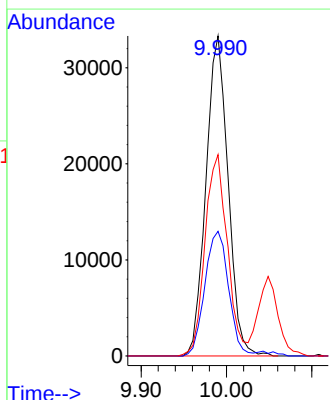
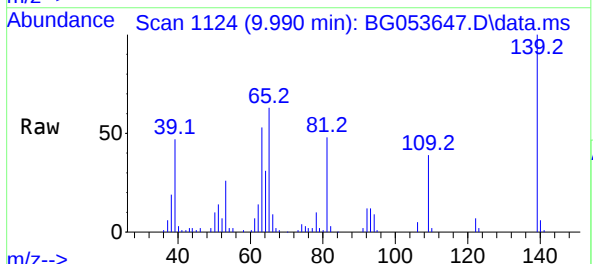
Manual Integrations
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Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#26
2-Nitrophenol
Concen: 52.309 ng
RT: 9.990 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

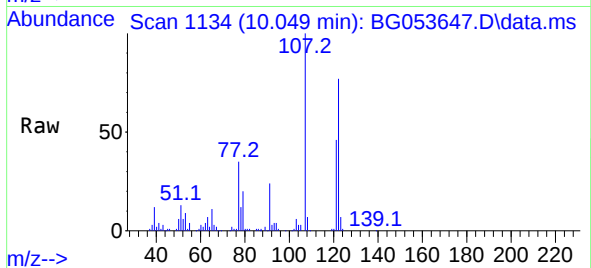
Tgt Ion:139 Resp: 59980
Ion Ratio Lower Upper
139 100
109 39.0 36.1 54.1
65 62.9 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 59.863 ng
RT: 10.049 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

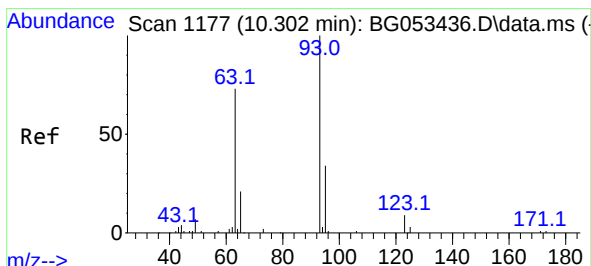
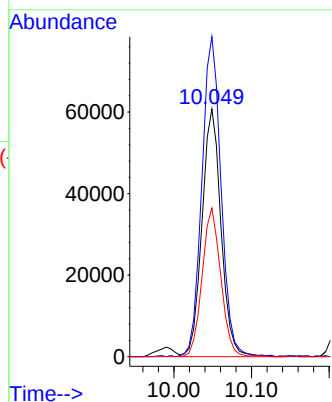
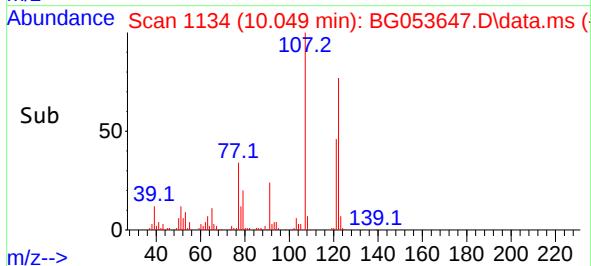
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:122 Resp: 103302
Ion Ratio Lower Upper
122 100
107 129.2 109.4 164.0
121 60.0 48.7 73.1

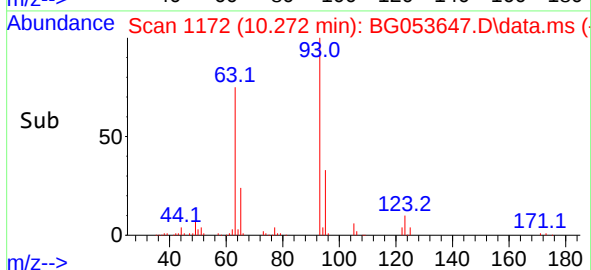
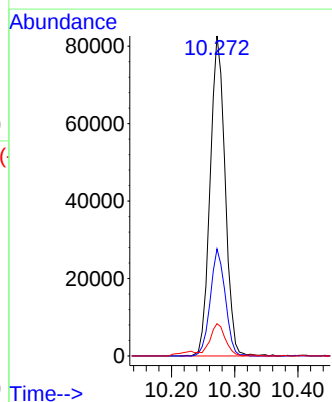
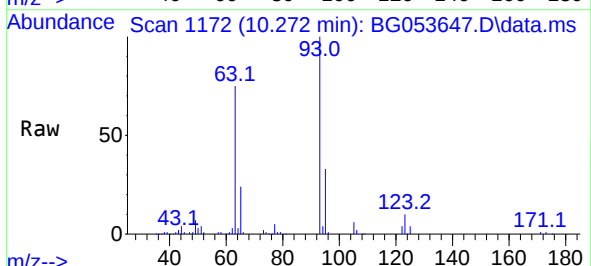
Manual Integrations
APPROVED

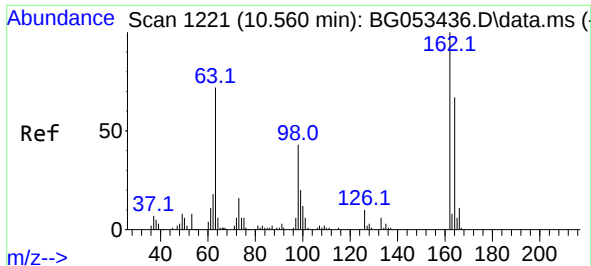
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 47.870 ng
RT: 10.272 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

Tgt Ion: 93 Resp: 135531
Ion Ratio Lower Upper
93 100
95 33.5 26.9 40.3
123 10.1 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.477 ng

RT: 10.530 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG053647.D

Acq: 20 May 2022 17:06

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01MS

Tgt Ion:162 Resp: 10929

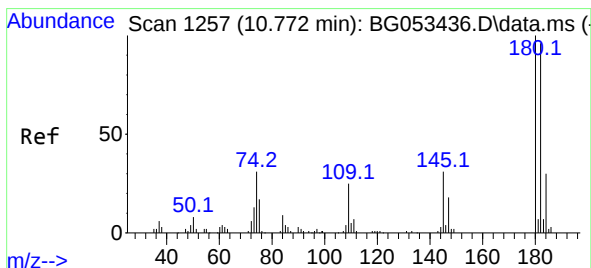
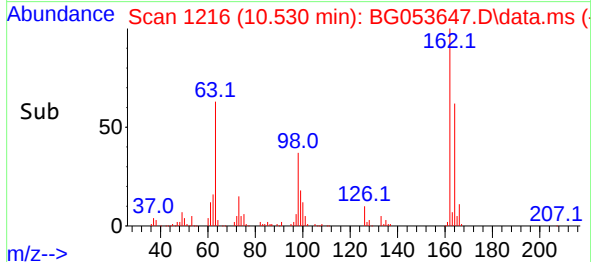
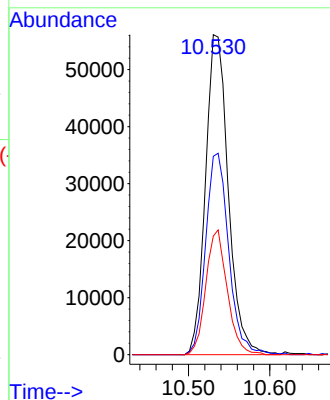
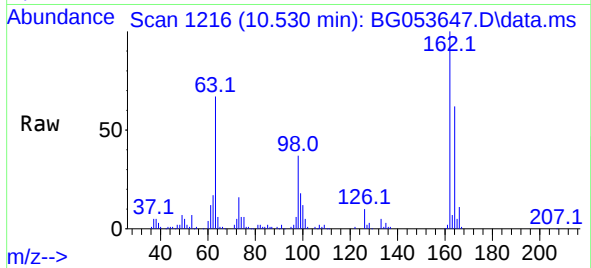
Ion	Ratio	Lower	Upper
162	100		
164	62.0	46.6	86.6
98	37.0	22.8	62.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/23/2022

Supervised By :Jagrut Upadhyay 05/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.244 ng

RT: 10.742 min Scan# 1252

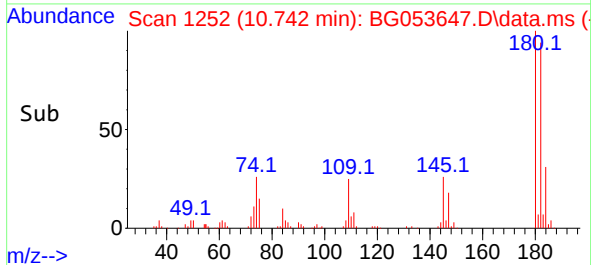
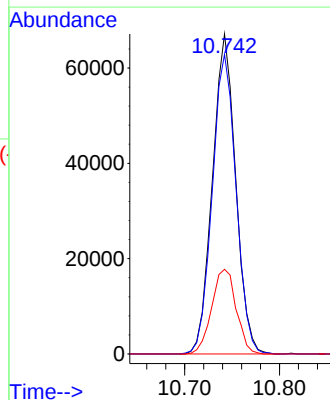
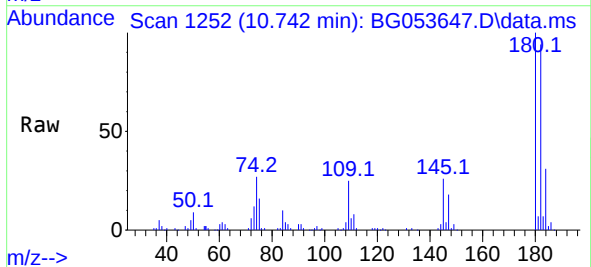
Delta R.T. -0.006 min

Lab File: BG053647.D

Acq: 20 May 2022 17:06

Tgt Ion:180 Resp: 114161

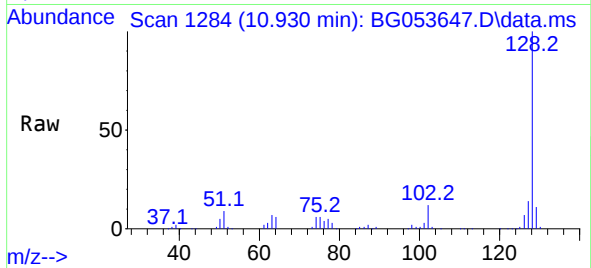
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	115.0
145	26.5	25.0	37.4





#31
Naphthalene
Concen: 50.142 ng
RT: 10.930 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

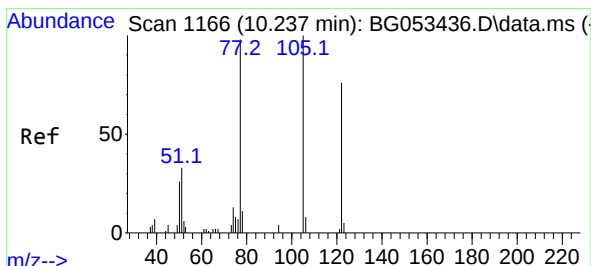
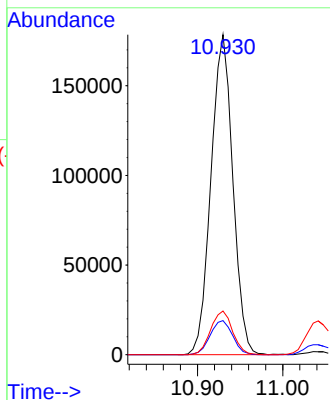
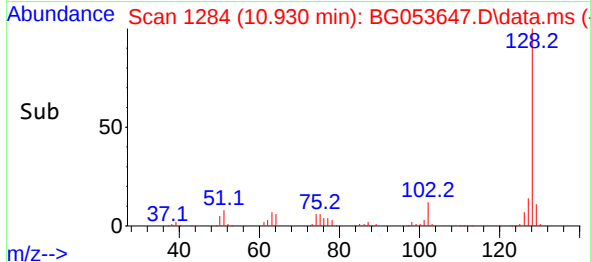
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:128 Resp: 31758
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.6 11.1 16.7

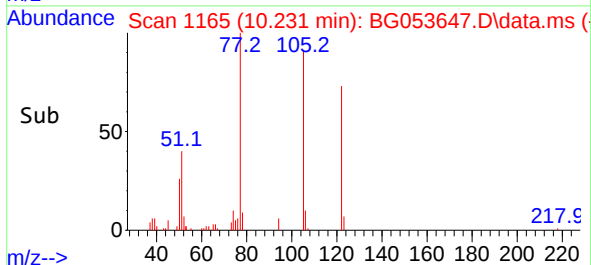
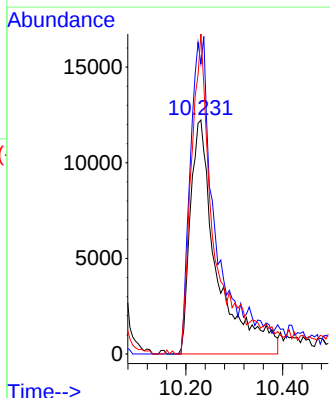
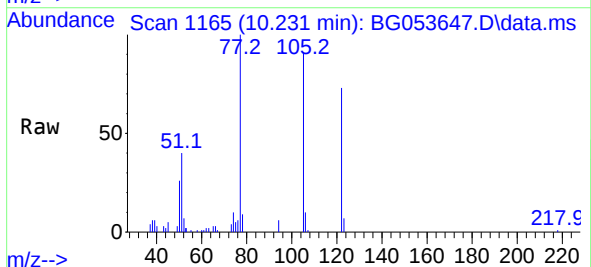
Manual Integrations
APPROVED

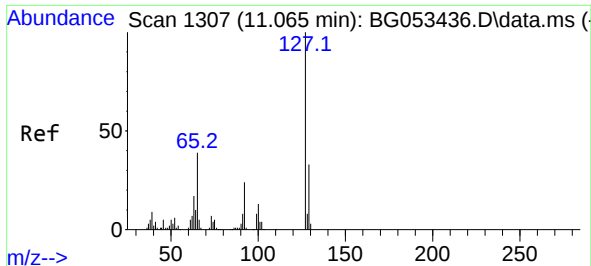
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#32
Benzoic acid
Concen: 44.304 ng m
RT: 10.231 min Scan# 1165
Delta R.T. 0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

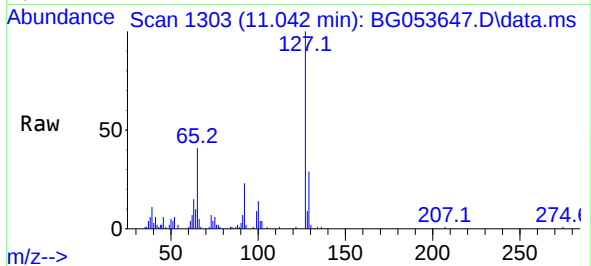
Tgt Ion:122 Resp: 46934
Ion Ratio Lower Upper
122 100
105 124.0 111.8 151.8
77 136.8 109.4 149.4





#33
4-Chloroaniline
Concen: 17.059 ng
RT: 11.042 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

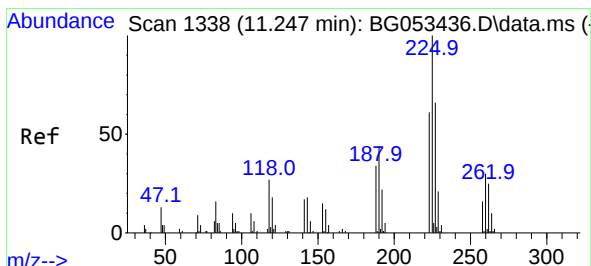
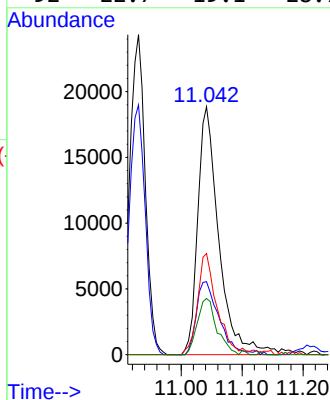
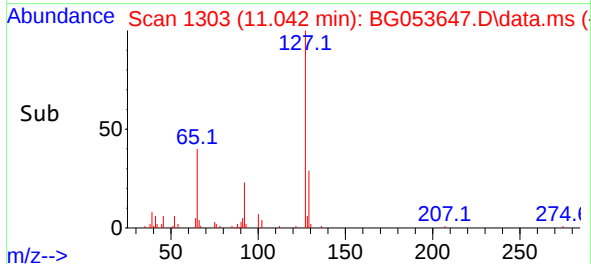
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



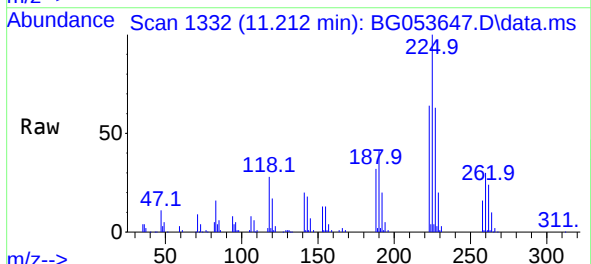
Tgt Ion:	127	Resp:	4525
Ion Ratio	Lower	Upper	
127	100		
129	29.4	26.3	39.5
65	40.8	31.1	46.7
92	22.7	19.1	28.7

Manual Integrations
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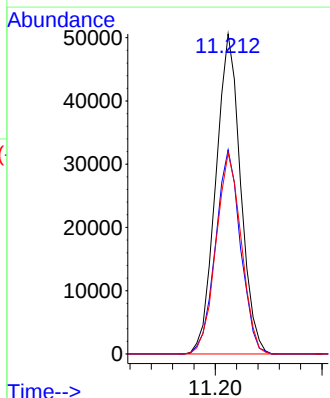
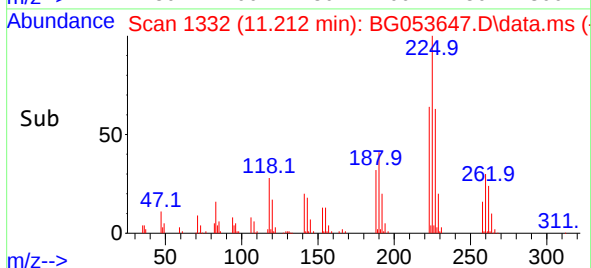
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

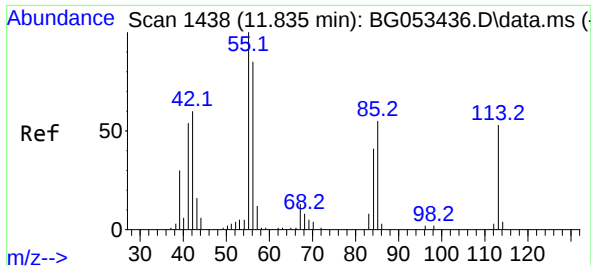


#34
Hexachlorobutadiene
Concen: 46.430 ng
RT: 11.212 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



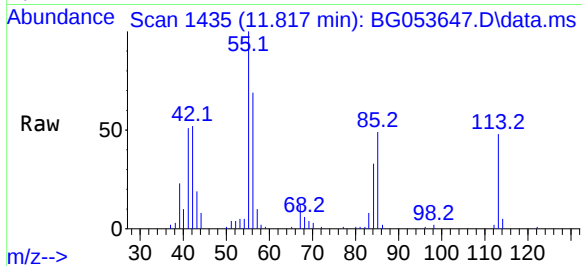
Tgt Ion:	225	Resp:	81470
Ion Ratio	Lower	Upper	
225	100		
223	63.8	48.9	73.3
227	62.9	52.8	79.2





#35
Caprolactam
Concen: 45.831 ng m
RT: 11.817 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

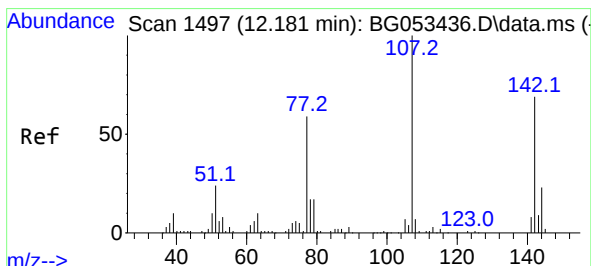
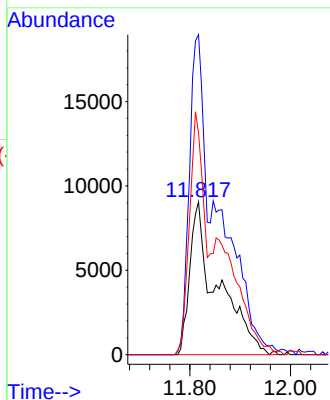
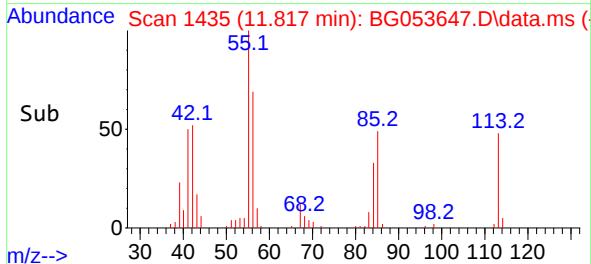
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



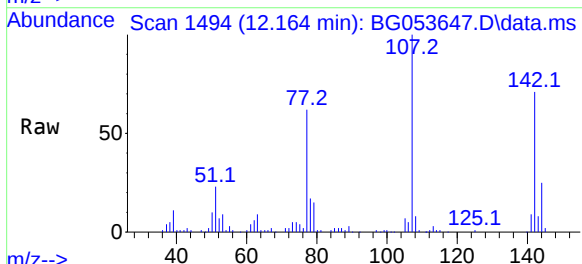
Tgt Ion:113 Resp: 3468
Ion Ratio Lower Upper
113 100
55 209.5 169.8 209.8
56 145.1 141.2 181.2

Manual Integrations
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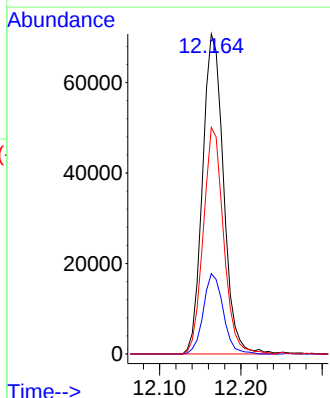
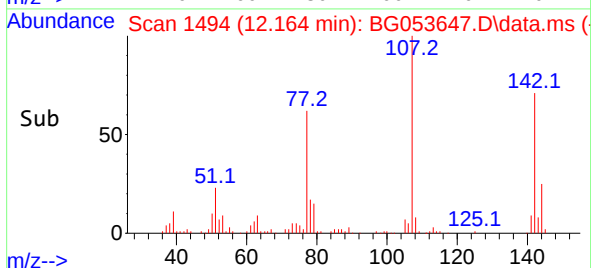
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

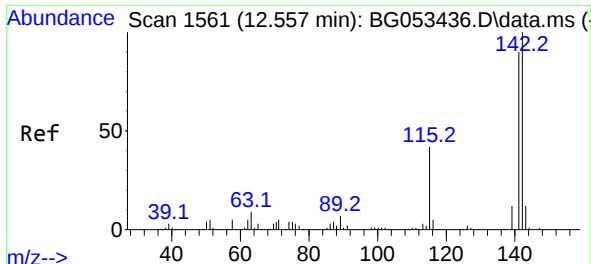


#36
4-Chloro-3-methylphenol
Concen: 50.821 ng
RT: 12.164 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



Tgt Ion:107 Resp: 126607
Ion Ratio Lower Upper
107 100
144 25.1 18.5 27.7
142 70.8 55.0 82.4





#37

2-Methylnaphthalene

Concen: 47.955 ng

RT: 12.528 min Scan# 1556

Delta R.T. -0.012 min

Lab File: BG053647.D

Acq: 20 May 2022 17:06

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01MS

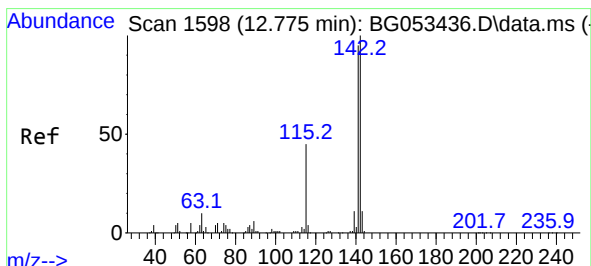
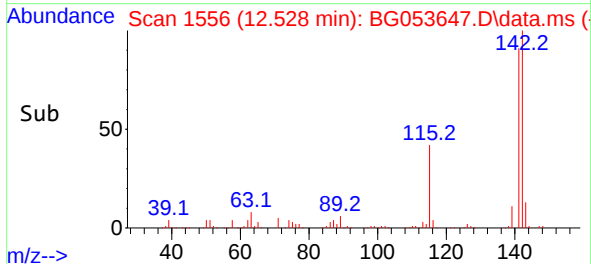
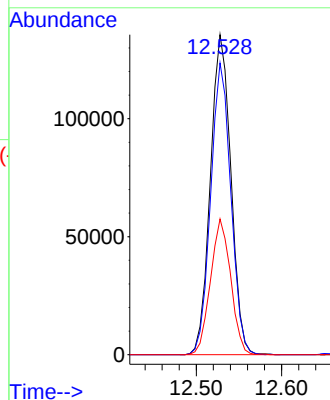
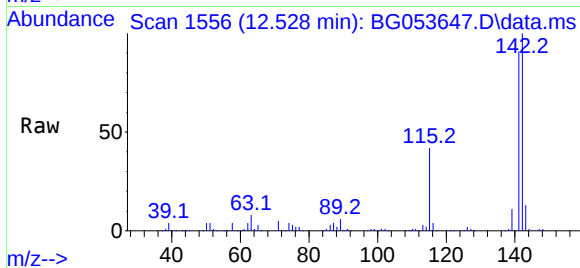
Tgt Ion:142 Resp: 22667

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
115	42.4	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#38

1-Methylnaphthalene

Concen: 47.900 ng m

RT: 12.745 min Scan# 1593

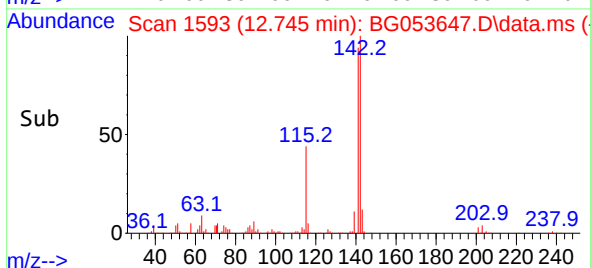
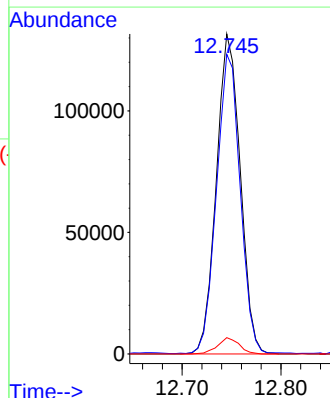
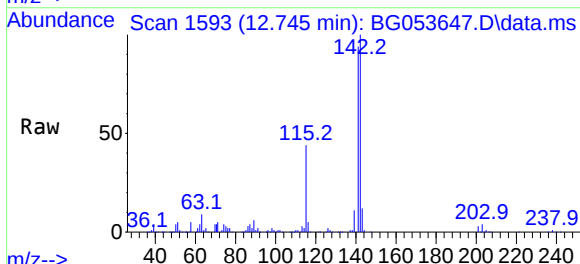
Delta R.T. -0.012 min

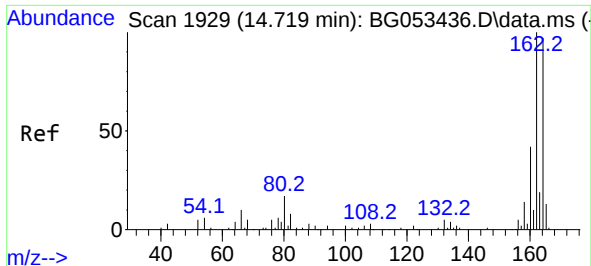
Lab File: BG053647.D

Acq: 20 May 2022 17:06

Tgt Ion:142 Resp: 220903

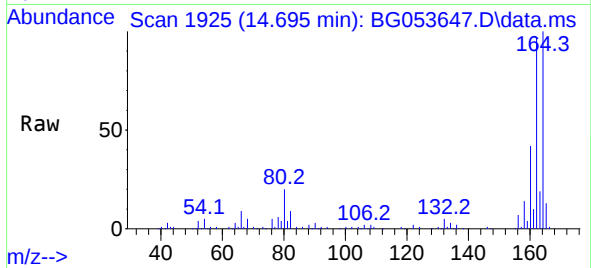
Ion	Ratio	Lower	Upper
142	100		
141	93.6	76.4	114.6
116	5.1	3.3	4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

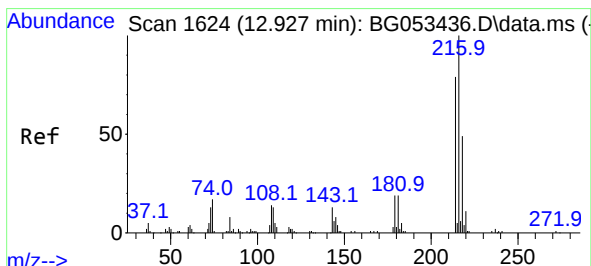
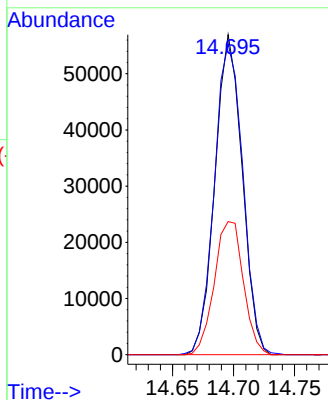
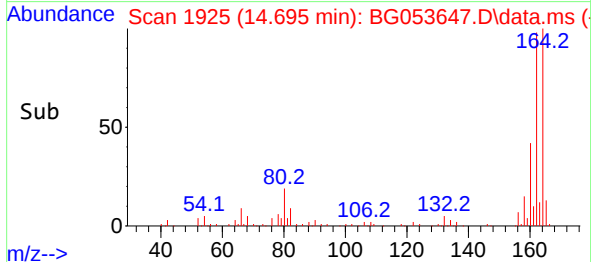
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



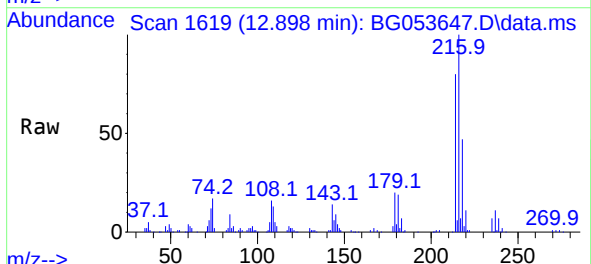
Tgt Ion:164 Resp: 8840
Ion Ratio Lower Upper
164 100
162 97.2 82.3 123.5
160 41.6 34.2 51.2

Manual Integrations
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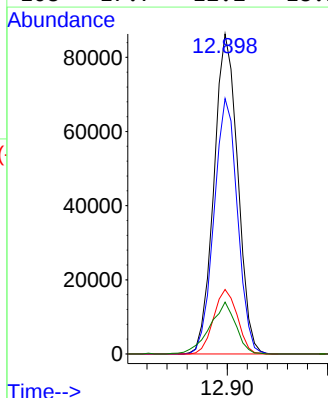
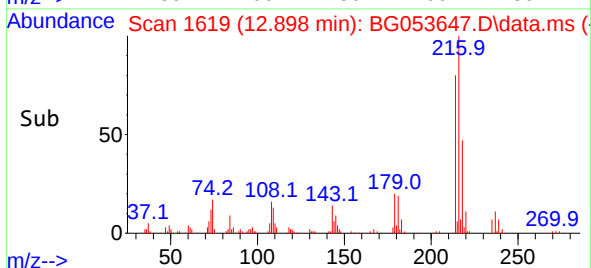
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.899 ng
RT: 12.898 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



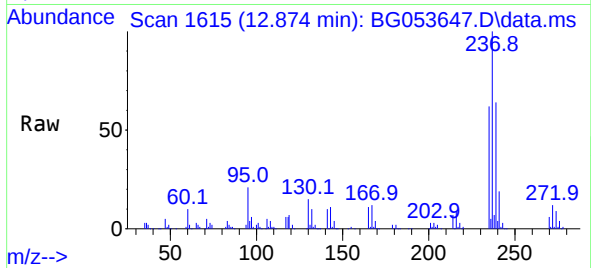
Tgt Ion:216 Resp: 141831
Ion Ratio Lower Upper
216 100
214 78.6 62.9 94.3
179 20.1 16.1 24.1
108 17.7 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 114.929 ng
RT: 12.874 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

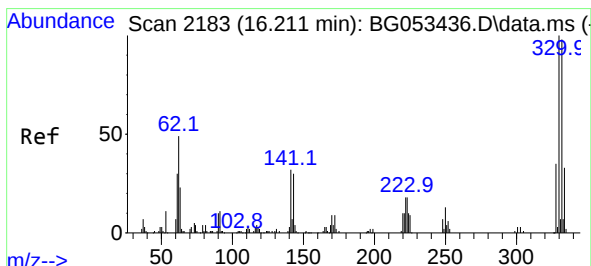
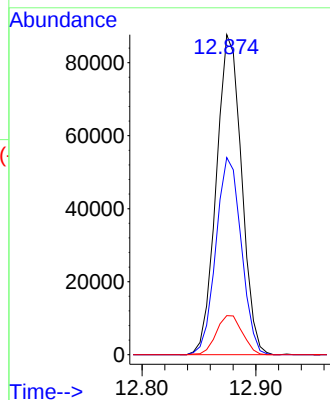
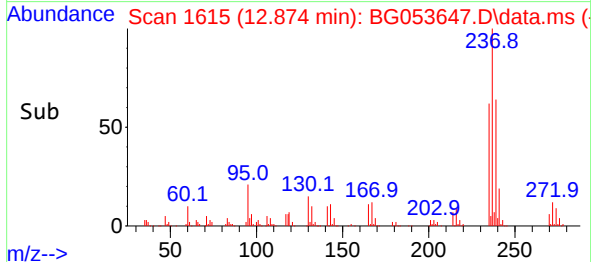
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



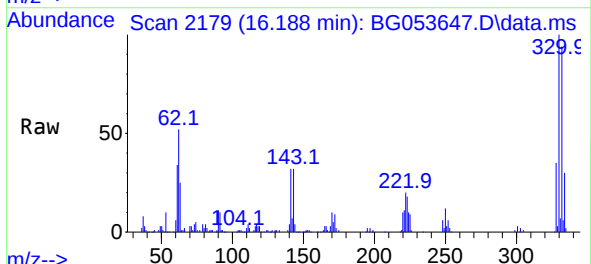
Tgt Ion:237 Resp: 135368
Ion Ratio Lower Upper
237 100
235 61.6 43.5 83.5
272 12.2 0.0 30.1

Manual Integrations
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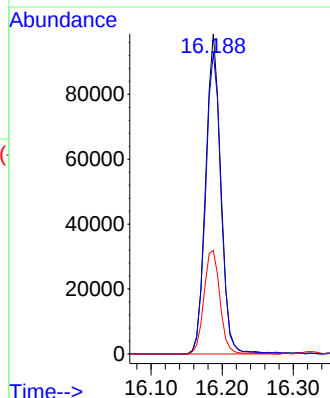
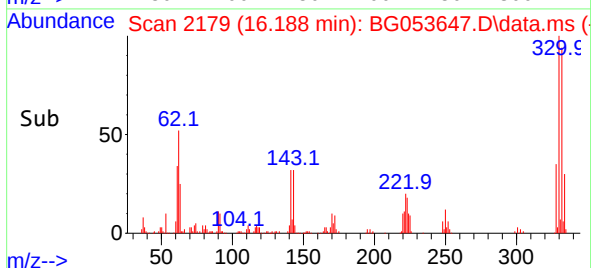
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

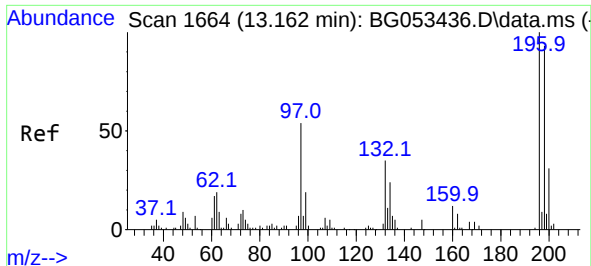


#42
2,4,6-Tribromophenol
Concen: 112.713 ng
RT: 16.188 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



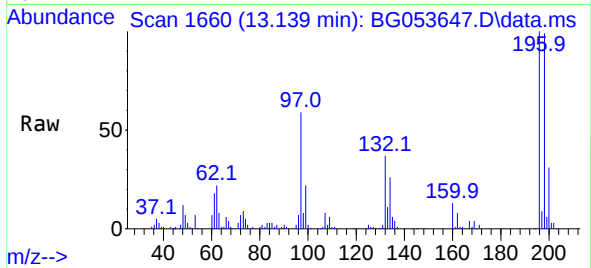
Tgt Ion:330 Resp: 146956
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 34.2 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 51.919 ng
RT: 13.139 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

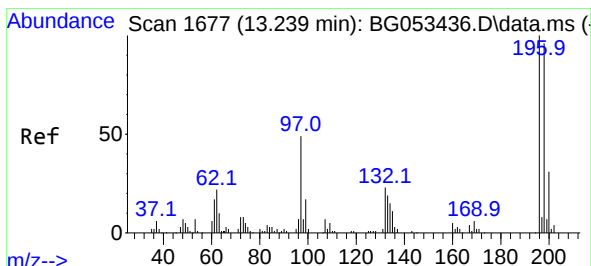
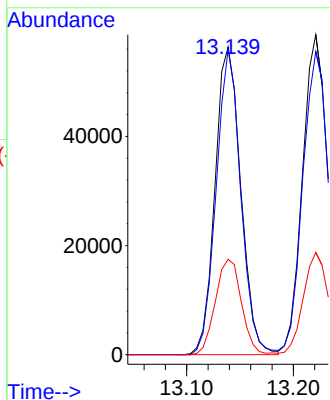
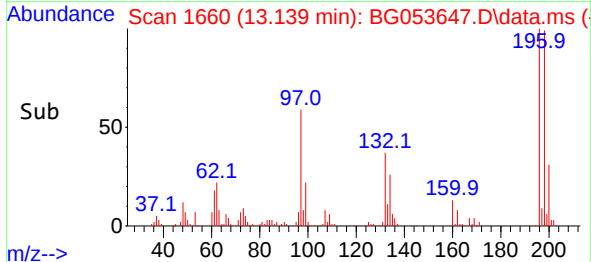
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



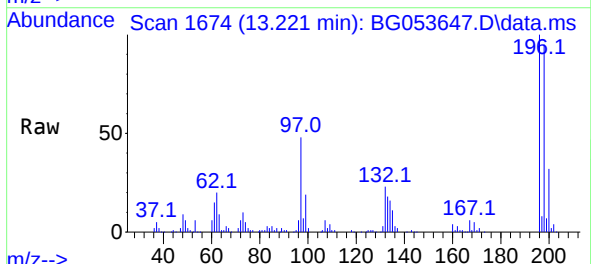
Tgt Ion:196 Resp: 94436
Ion Ratio Lower Upper
196 100
198 99.2 74.1 111.1
200 31.0 24.7 37.1

Manual Integrations
APPROVED

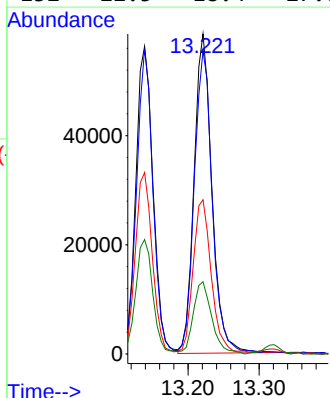
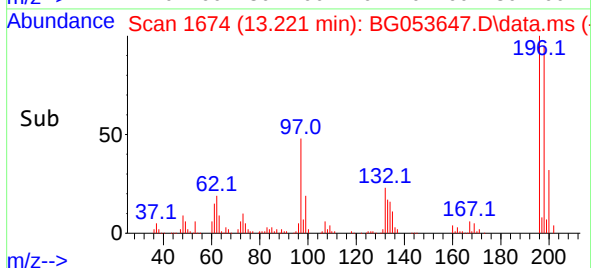
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

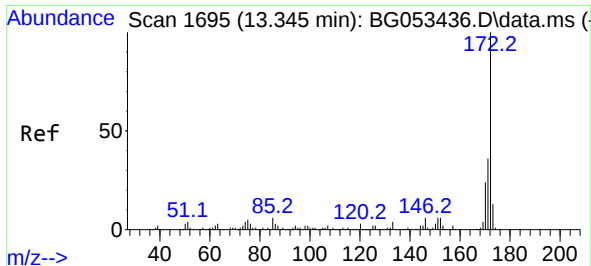


#44
2,4,5-Trichlorophenol
Concen: 52.868 ng
RT: 13.221 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



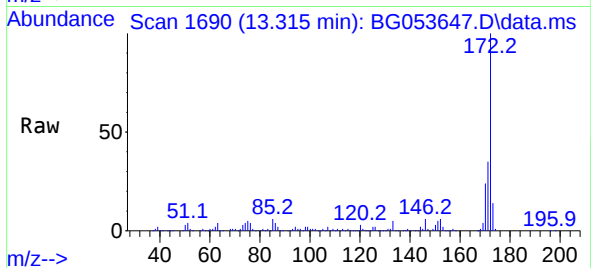
Tgt Ion:196 Resp: 102344
Ion Ratio Lower Upper
196 100
198 94.7 76.8 115.2
97 48.2 39.8 59.6
132 22.5 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 80.559 ng
RT: 13.315 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

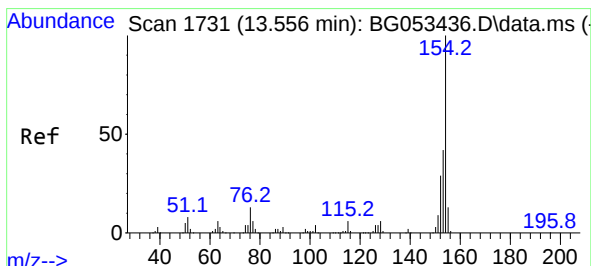
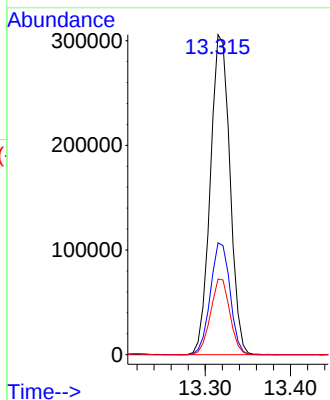
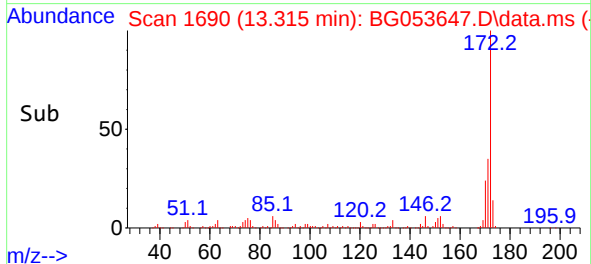
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



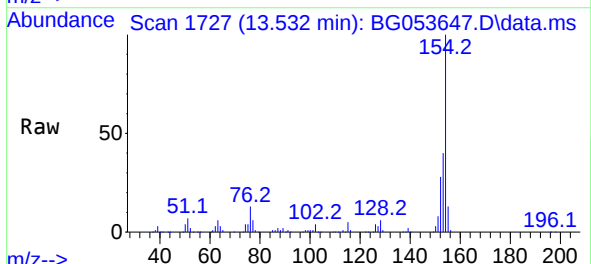
Tgt Ion:172 Resp: 487344
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.7 18.9 28.3

Manual Integrations
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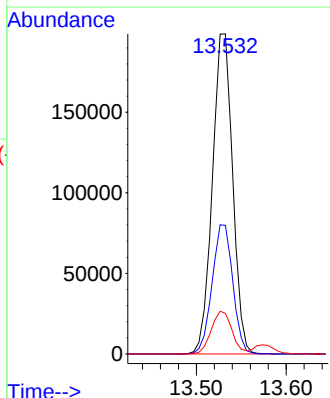
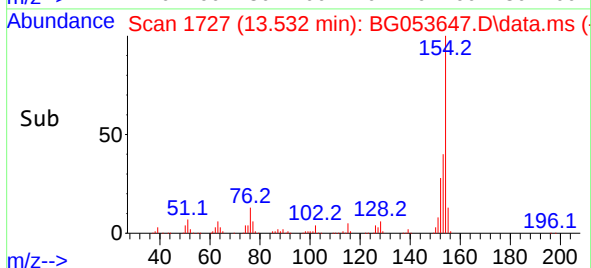
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

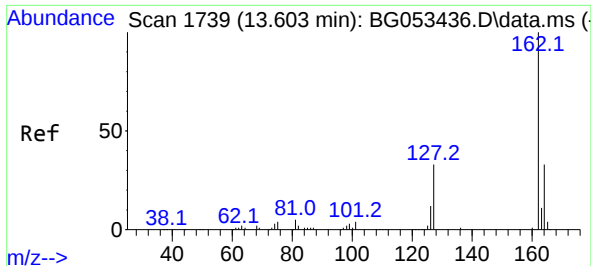


#46
1,1'-Biphenyl
Concen: 51.635 ng
RT: 13.532 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



Tgt Ion:154 Resp: 311137
Ion Ratio Lower Upper
154 100
153 40.2 21.6 61.6
76 12.7 0.0 32.6





#47

2-Chloronaphthalene

Concen: 51.436 ng

RT: 13.573 min Scan# 1734

Delta R.T. -0.012 min

Lab File: BG053647.D

Acq: 20 May 2022 17:06

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01MS

Tgt Ion:162 Resp: 242829

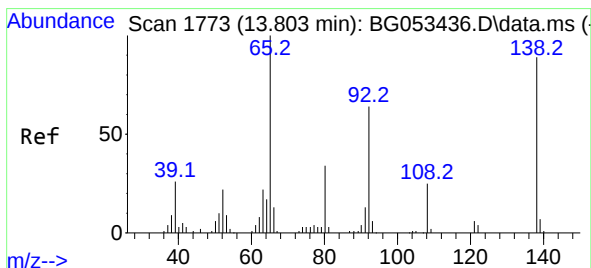
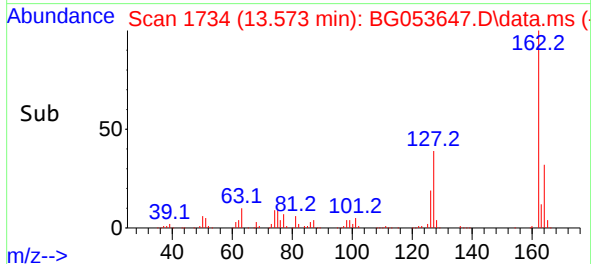
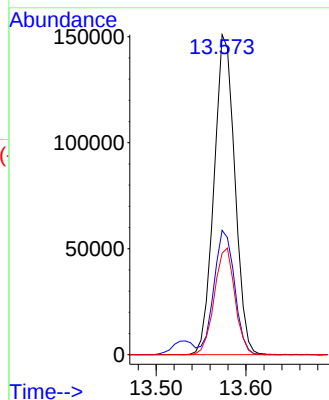
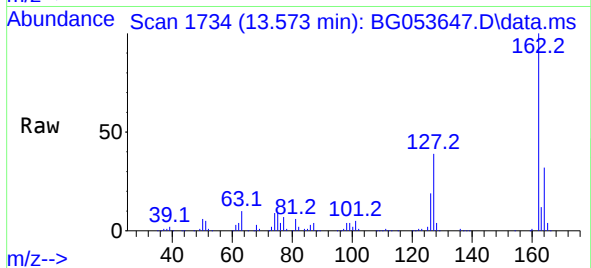
Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.6	45.8
164	31.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/23/2022

Supervised By :Jagrut Upadhyay 05/23/2022



#48

2-Nitroaniline

Concen: 52.397 ng

RT: 13.779 min Scan# 1769

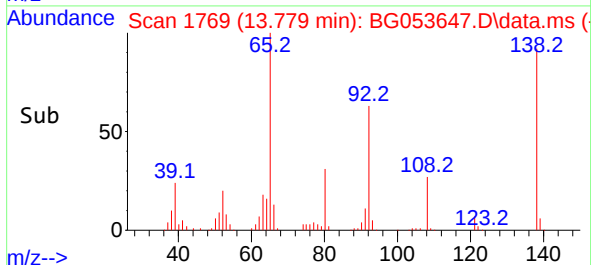
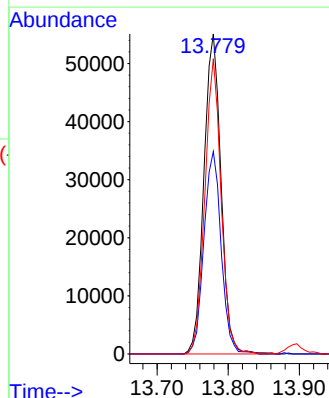
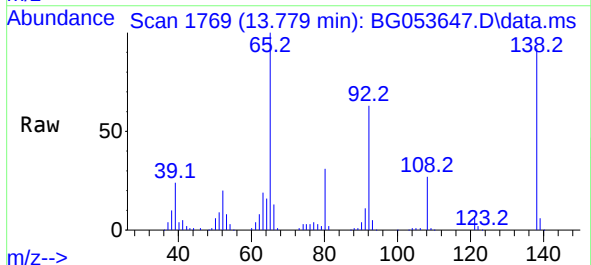
Delta R.T. -0.006 min

Lab File: BG053647.D

Acq: 20 May 2022 17:06

Tgt Ion: 65 Resp: 92174

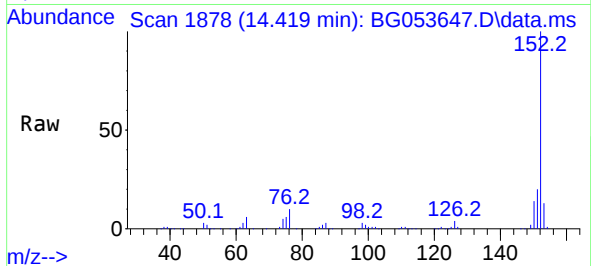
Ion	Ratio	Lower	Upper
65	100		
92	63.3	51.5	77.3
138	92.2	71.3	106.9





#49
Acenaphthylene
Concen: 53.316 ng
RT: 14.419 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

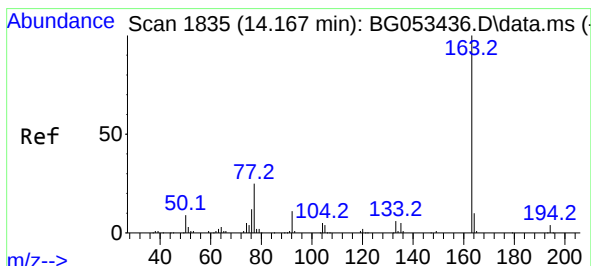
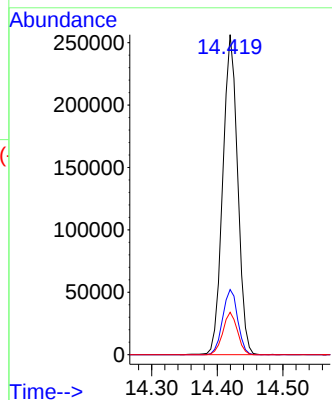
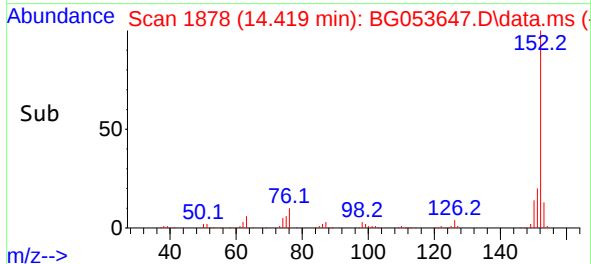
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



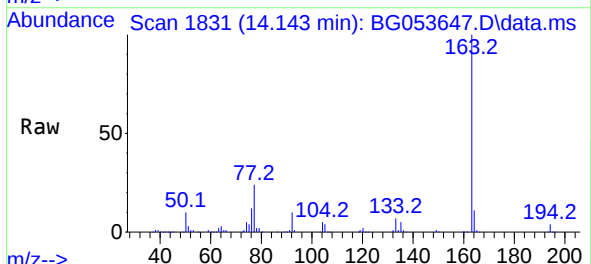
Tgt Ion:152 Resp: 401658
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.3 10.8 16.2

Manual Integrations
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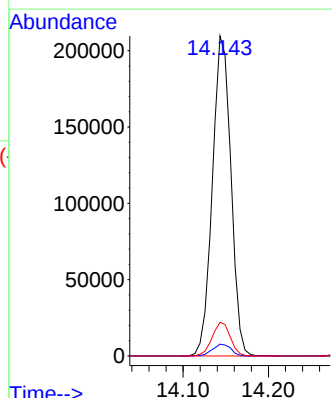
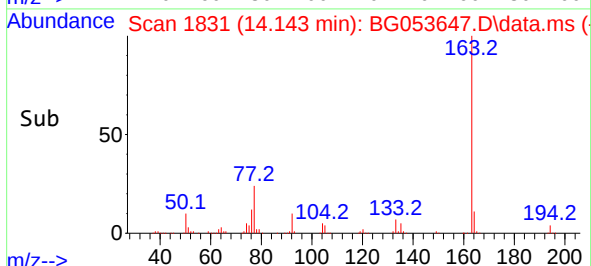
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

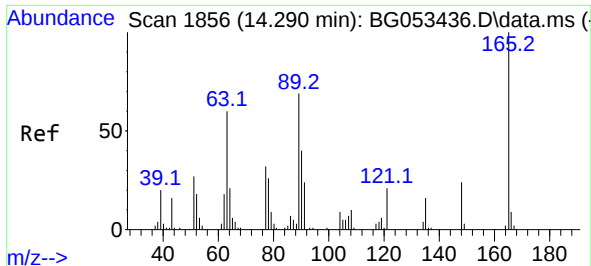


#50
Dimethylphthalate
Concen: 47.023 ng
RT: 14.143 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



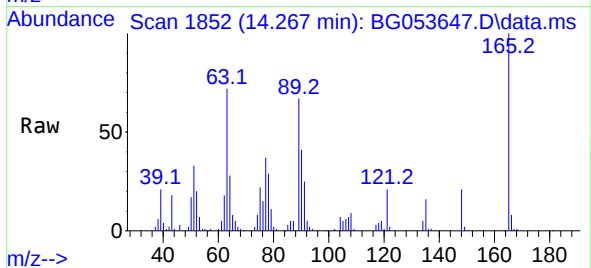
Tgt Ion:163 Resp: 315884
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.5 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 49.467 ng
RT: 14.267 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

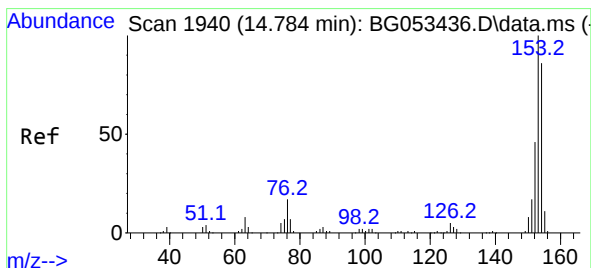
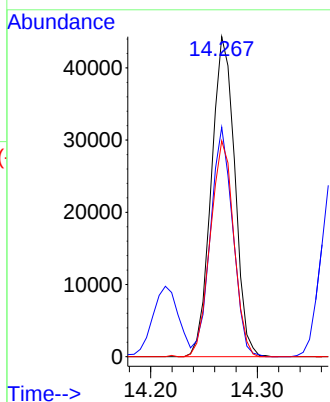
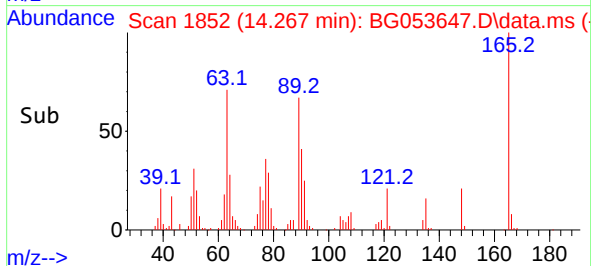
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



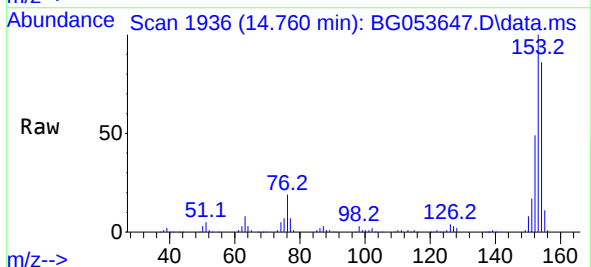
Tgt Ion:165 Resp: 67700
Ion Ratio Lower Upper
165 100
63 71.7 54.1 81.1
89 67.4 54.8 82.2

Manual Integrations
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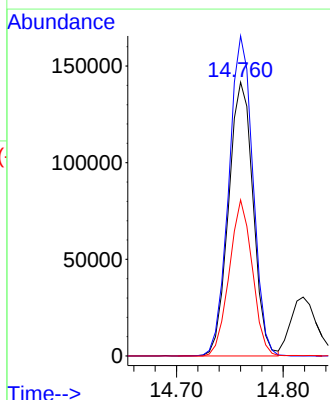
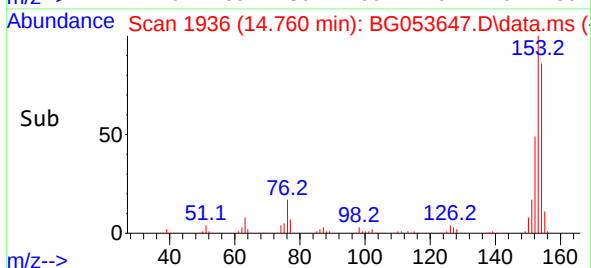
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

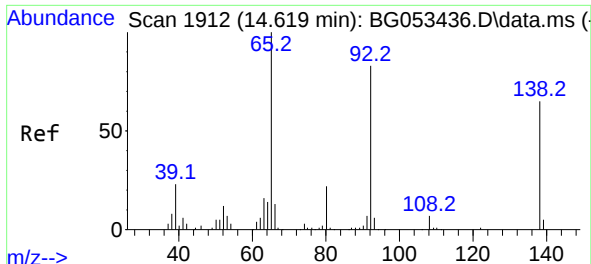


#52
Acenaphthene
Concen: 50.553 ng
RT: 14.760 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



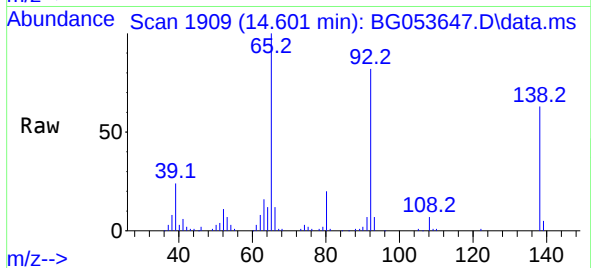
Tgt Ion:154 Resp: 226961
Ion Ratio Lower Upper
154 100
153 116.9 92.7 139.1
152 57.0 42.6 64.0





#53
3-Nitroaniline
Concen: 33.943 ng
RT: 14.601 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

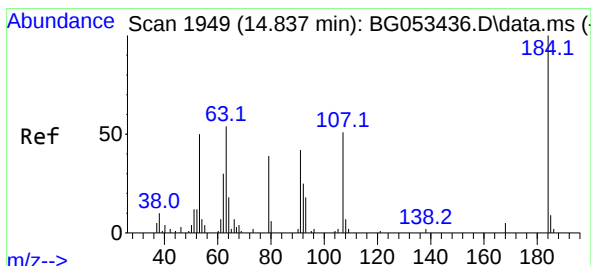
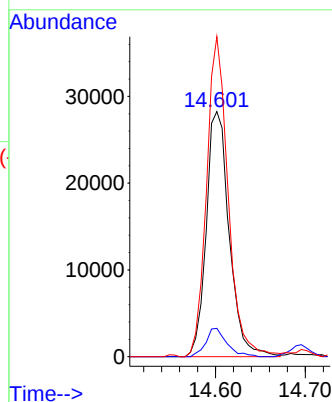
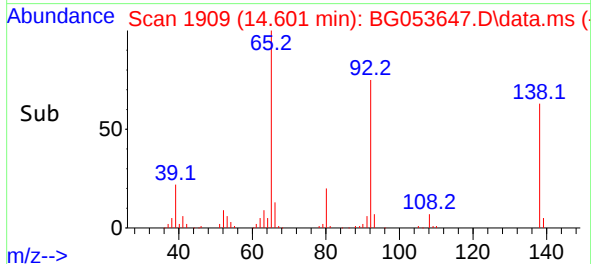
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



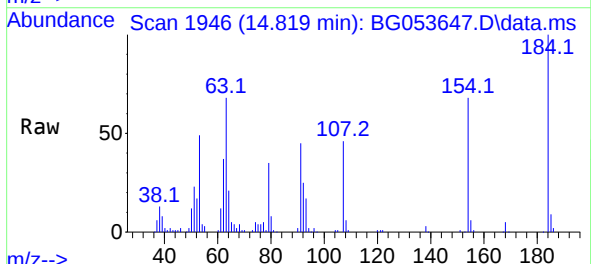
Tgt Ion:138 Resp: 5019
Ion Ratio Lower Upper
138 100
108 11.6 9.2 13.8
92 130.6 101.9 152.9

Manual Integrations
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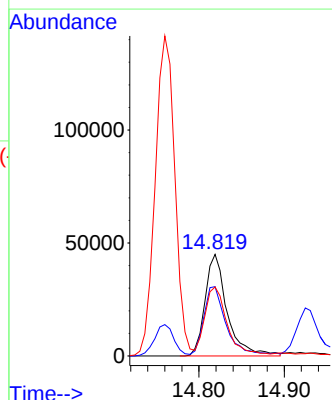
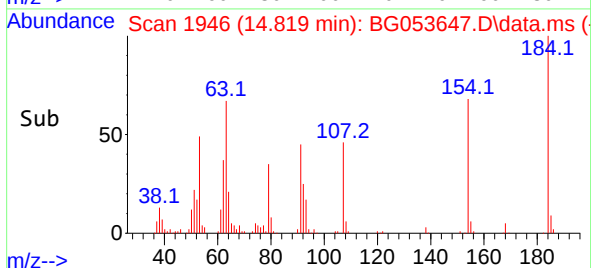
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

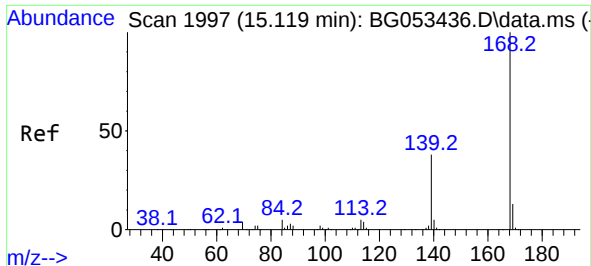


#54
2,4-Dinitrophenol
Concen: 92.226 ng
RT: 14.819 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



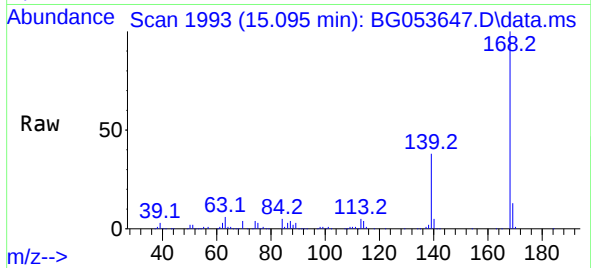
Tgt Ion:184 Resp: 81020
Ion Ratio Lower Upper
184 100
63 68.2 61.1 91.7
154 67.8 60.6 91.0





#55
Dibenzenofuran
Concen: 47.257 ng
RT: 15.095 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

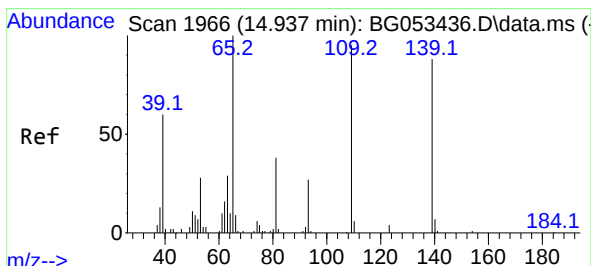
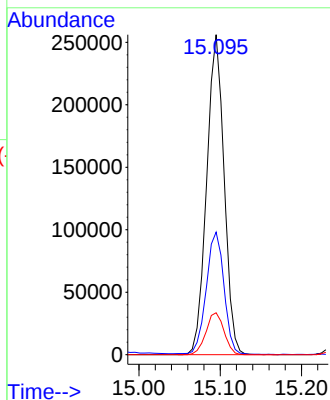
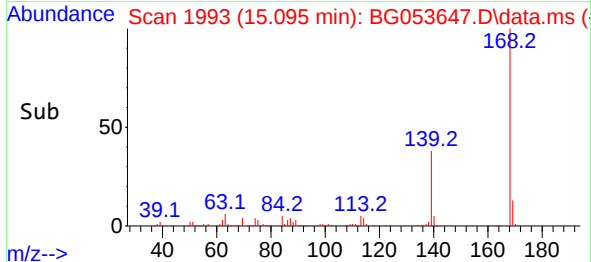
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



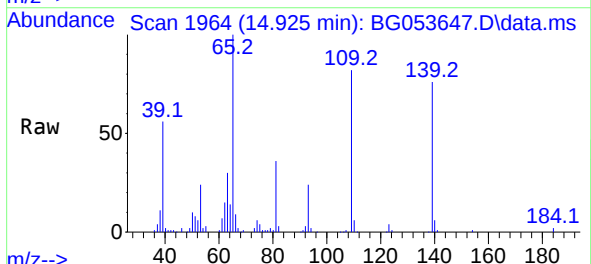
Tgt Ion:168 Resp: 38108
Ion Ratio Lower Upper
168 100
139 38.3 30.5 45.7
169 13.1 10.3 15.5

Manual Integrations
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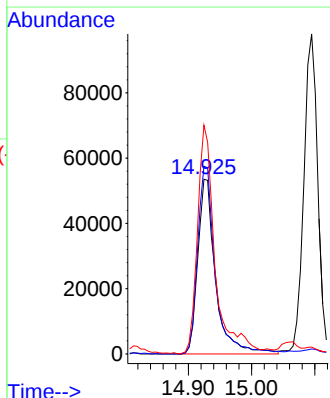
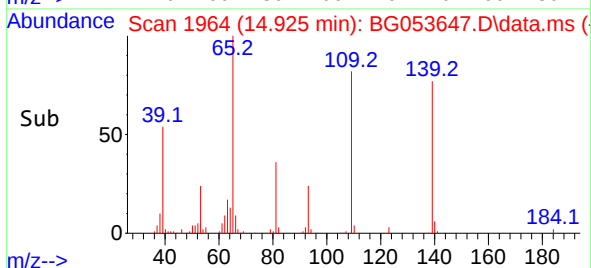
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

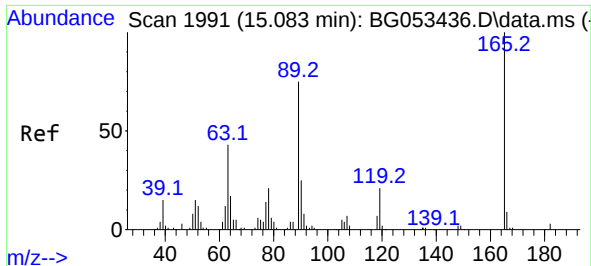


#56
4-Nitrophenol
Concen: 99.447 ng
RT: 14.925 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



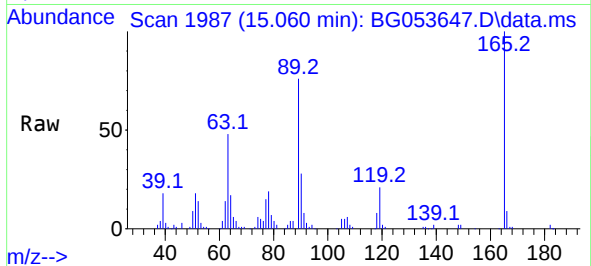
Tgt Ion:139 Resp: 105036
Ion Ratio Lower Upper
139 100
109 107.5 88.5 128.5
65 130.9 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 49.287 ng
RT: 15.060 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

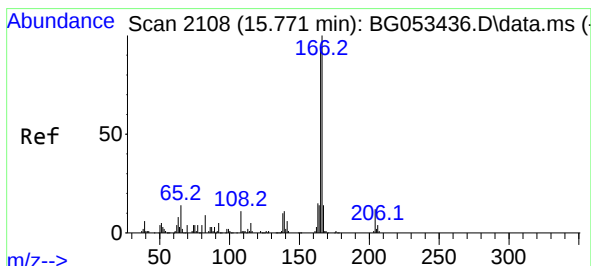
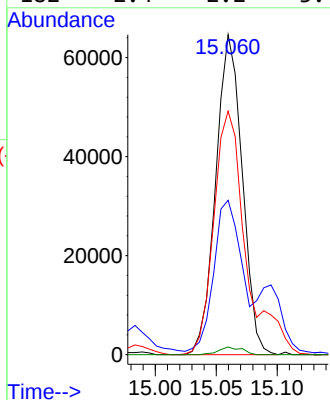
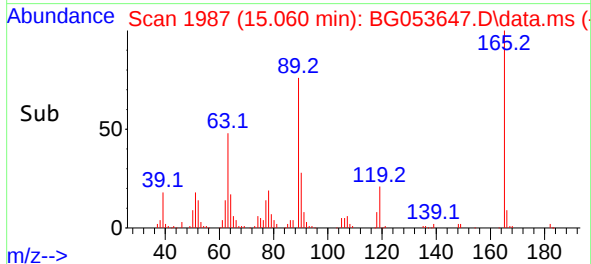
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:165 Resp: 97770
Ion Ratio Lower Upper
165 100
63 48.3 34.6 52.0
89 76.1 60.3 90.5
182 2.4 2.2 3.4

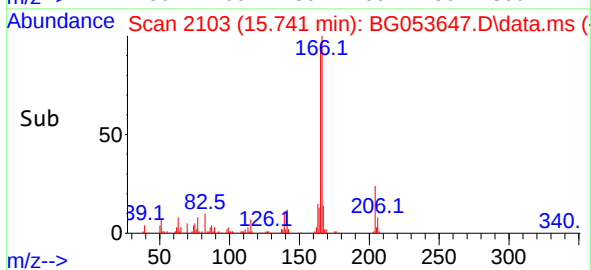
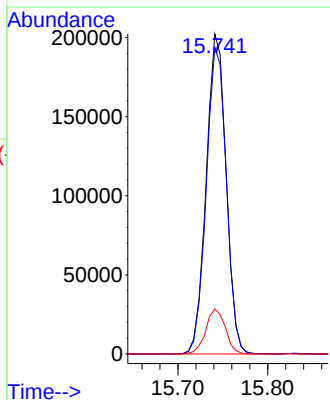
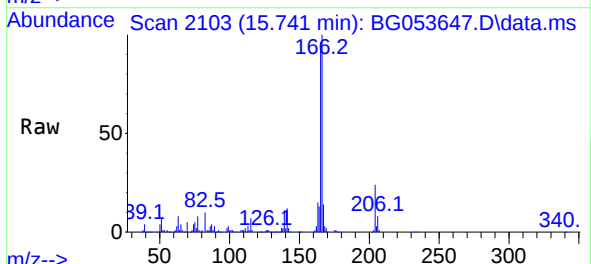
Manual Integrations
APPROVED

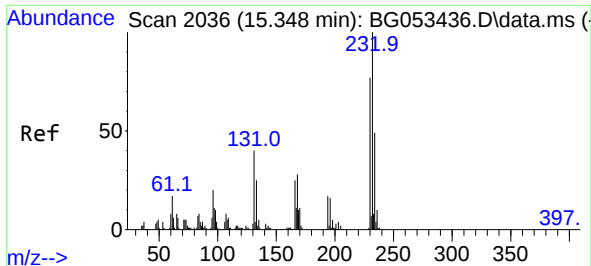
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#58
Fluorene
Concen: 48.035 ng
RT: 15.741 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

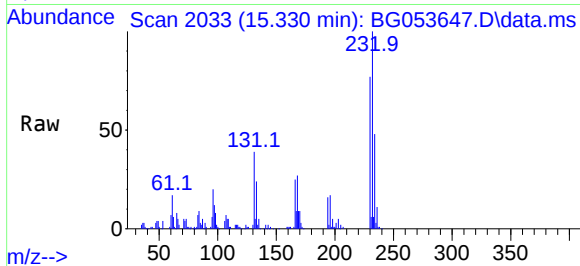
Tgt Ion:166 Resp: 310852
Ion Ratio Lower Upper
166 100
165 95.7 75.0 112.6
167 14.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.357 ng
RT: 15.330 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

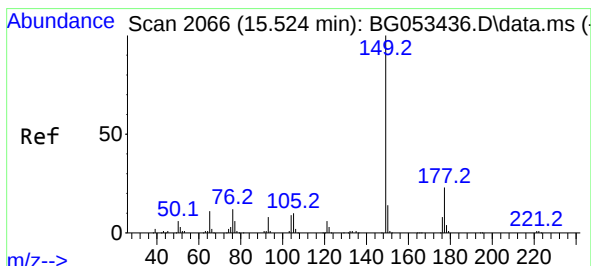
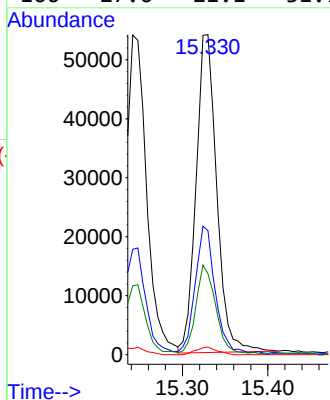
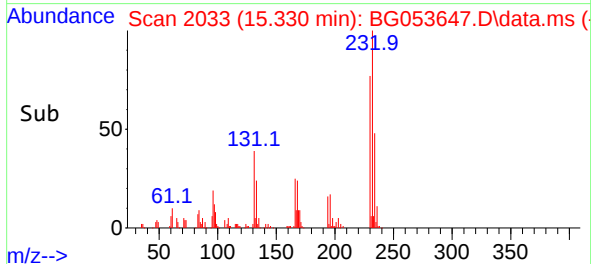
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



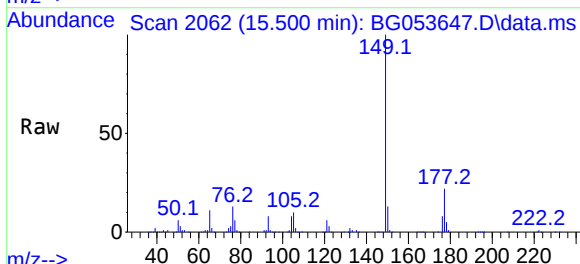
Tgt Ion:232 Resp: 9105
Ion Ratio Lower Upper
232 100
131 38.2 30.6 46.0
130 2.4 1.8 2.8
166 27.6 21.1 31.7

Manual Integrations
APPROVED

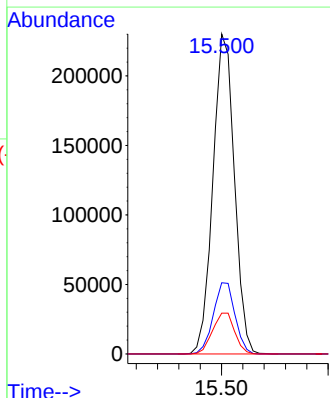
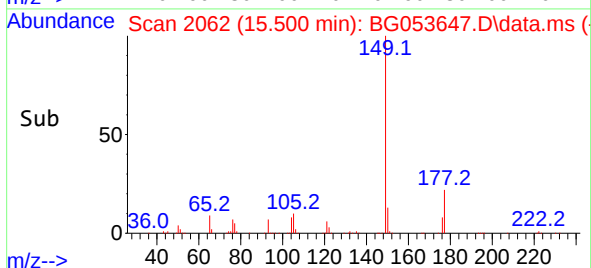
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

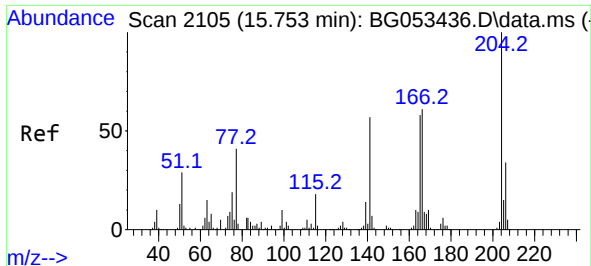


#60
Diethylphthalate
Concen: 46.225 ng
RT: 15.500 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



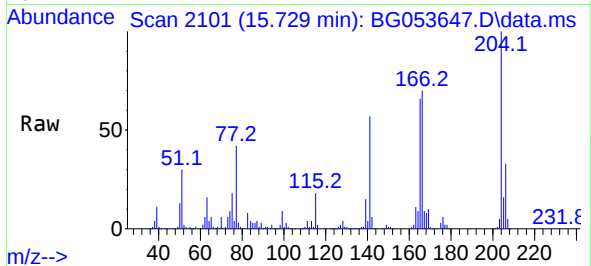
Tgt Ion:149 Resp: 320761
Ion Ratio Lower Upper
149 100
177 22.2 18.4 27.6
150 12.7 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 46.508 ng
RT: 15.729 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

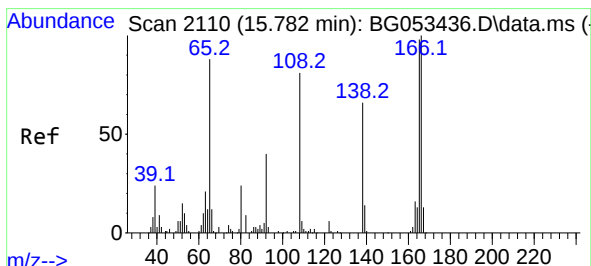
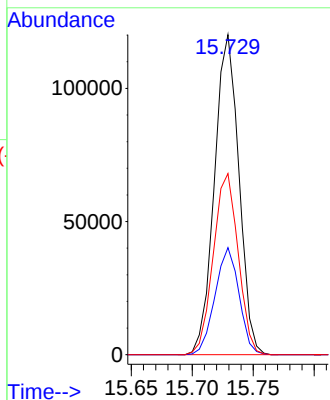
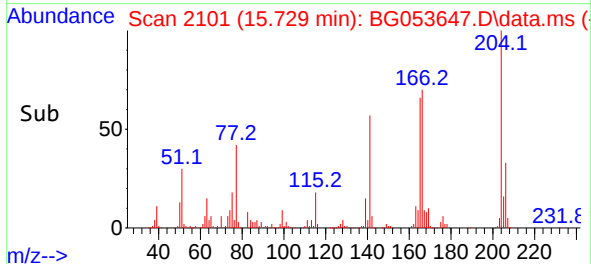
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



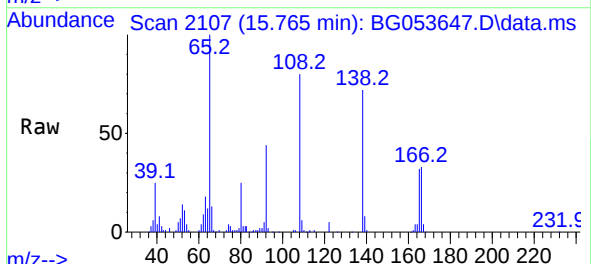
Tgt Ion:204 Resp: 16794
Ion Ratio Lower Upper
204 100
206 33.5 27.5 41.3
141 56.6 45.3 67.9

Manual Integrations
APPROVED

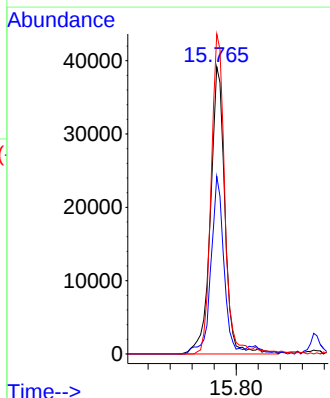
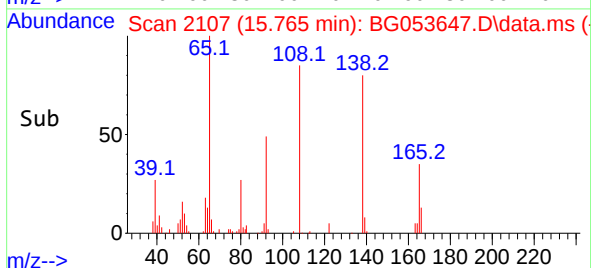
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

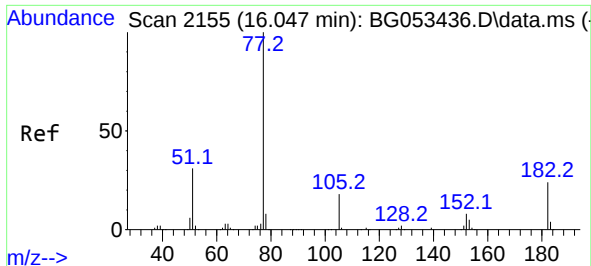


#62
4-Nitroaniline
Concen: 46.567 ng
RT: 15.765 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



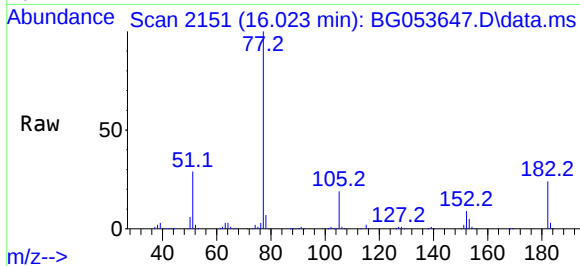
Tgt Ion:138 Resp: 71423
Ion Ratio Lower Upper
138 100
92 61.8 40.5 80.5
108 111.4 103.7 143.7





#63
Azobenzene
Concen: 47.866 ng
RT: 16.023 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

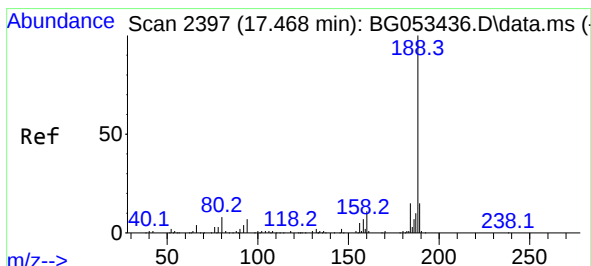
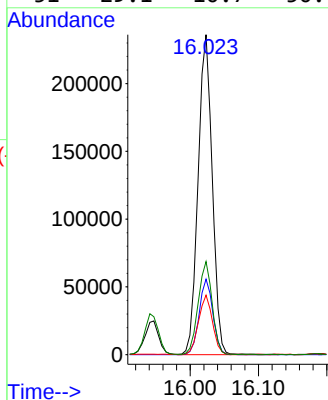
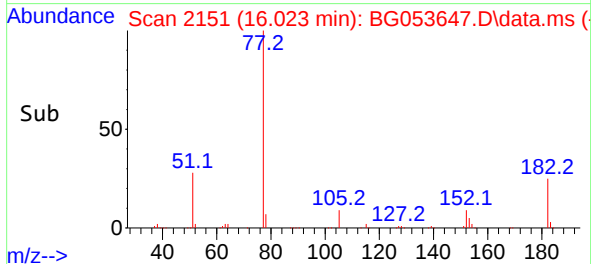
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



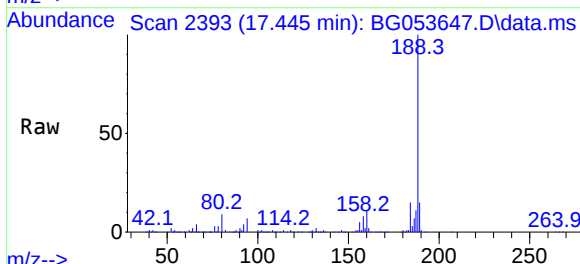
Tgt Ion: 77 Resp: 340120
Ion Ratio Lower Upper
77 100
182 23.6 3.8 43.8
105 18.6 0.0 37.8
51 29.1 10.7 50.7

Manual Integrations
APPROVED

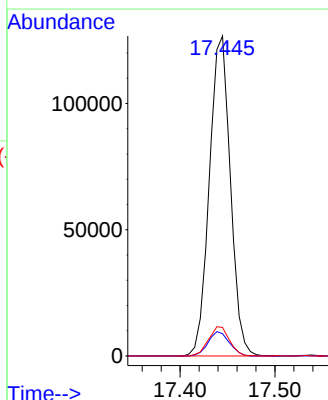
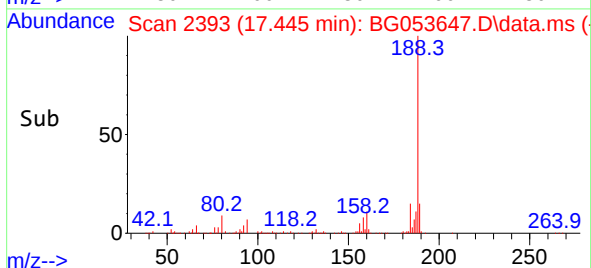
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

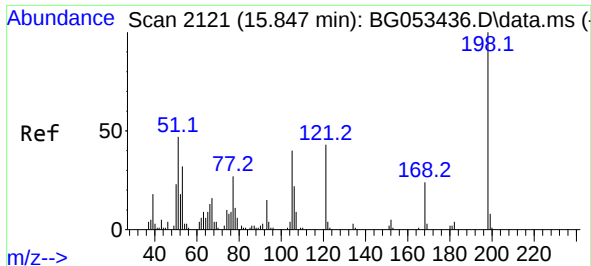


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



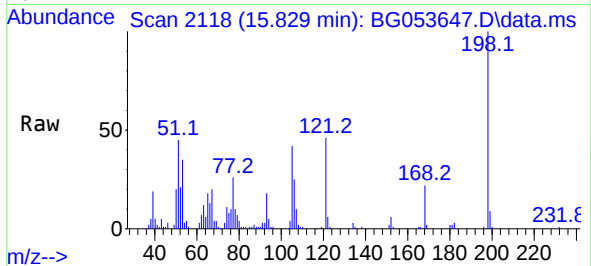
Tgt Ion:188 Resp: 195586
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.9 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 50.933 ng
RT: 15.829 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

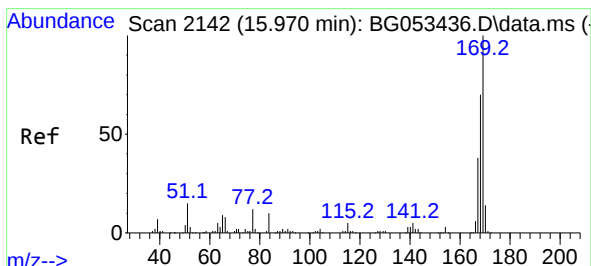
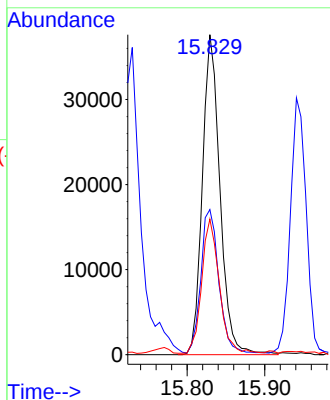
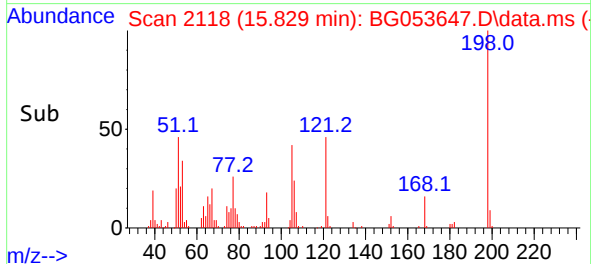
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



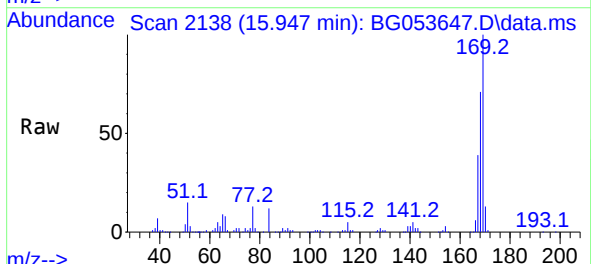
Tgt Ion:198 Resp: 59360
Ion Ratio Lower Upper
198 100
51 45.4 28.1 68.1
105 42.3 20.3 60.3

Manual Integrations
APPROVED

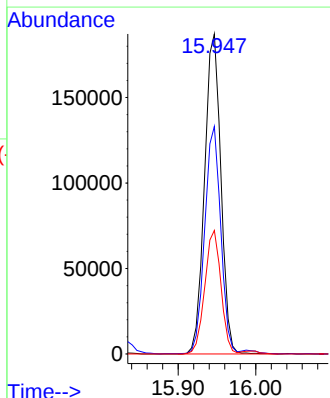
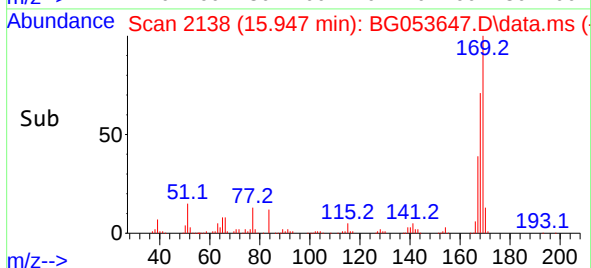
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

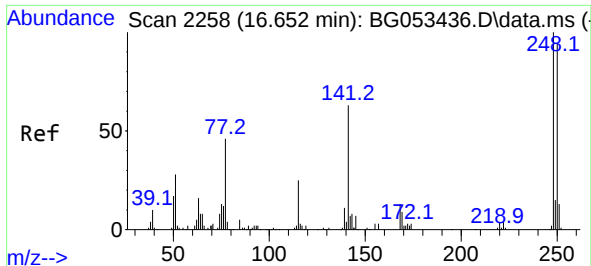


#66
n-Nitrosodiphenylamine
Concen: 53.300 ng
RT: 15.947 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



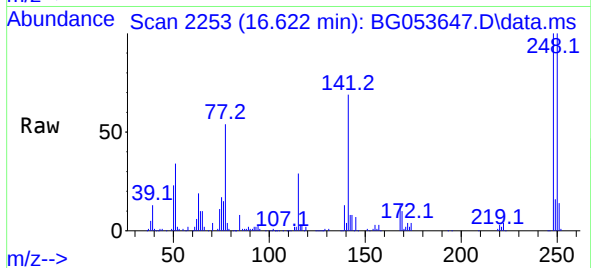
Tgt Ion:169 Resp: 273705
Ion Ratio Lower Upper
169 100
168 71.1 55.9 83.9
167 38.6 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 50.334 ng
RT: 16.622 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

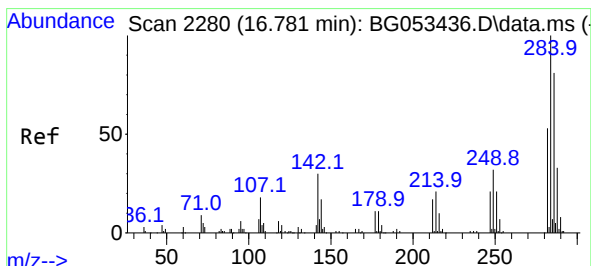
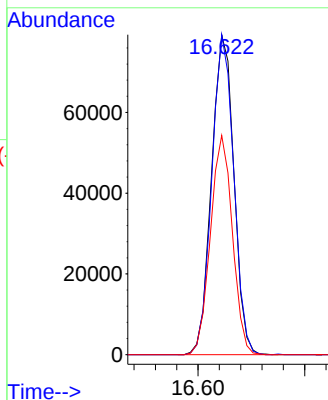
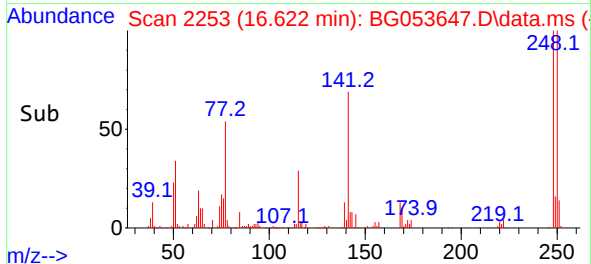
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



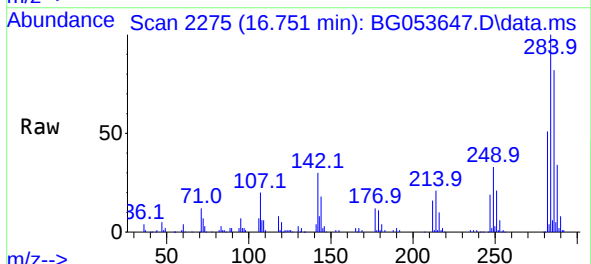
Tgt Ion:248 Resp: 114974
Ion Ratio Lower Upper
248 100
250 100.1 75.2 112.8
141 68.6 50.0 75.0

Manual Integrations
APPROVED

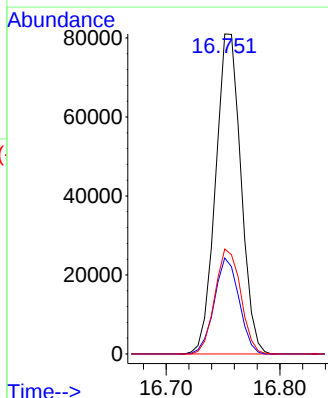
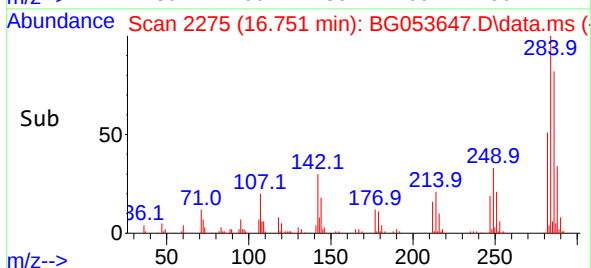
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#68
Hexachlorobenzene
Concen: 50.159 ng
RT: 16.751 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



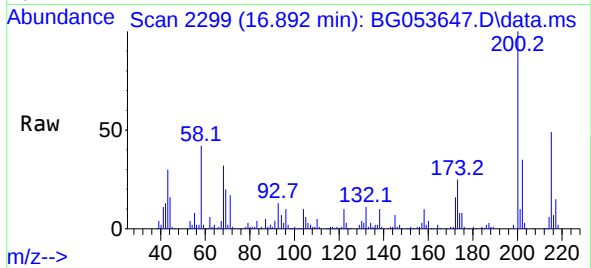
Tgt Ion:284 Resp: 125479
Ion Ratio Lower Upper
284 100
142 30.0 23.6 35.4
249 32.8 25.8 38.6





#69
 Atrazine
 Concen: 50.803 ng
 RT: 16.892 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053647.D
 Acq: 20 May 2022 17:06

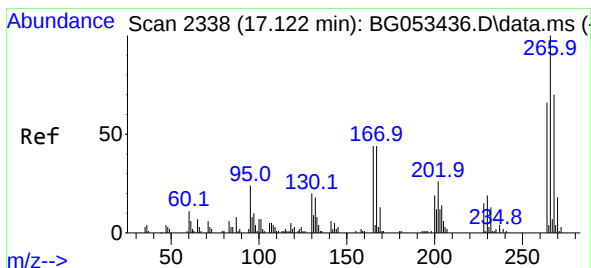
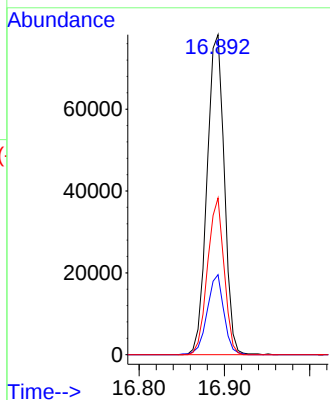
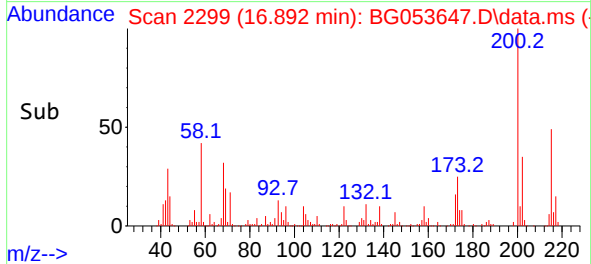
Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MS



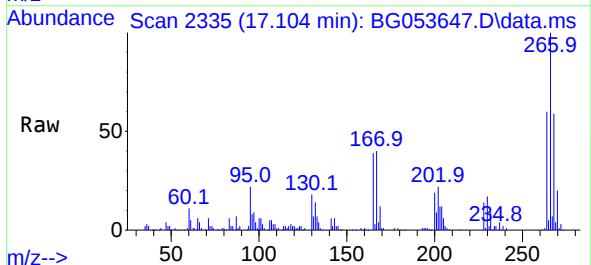
Tgt Ion:200 Resp: 10982
 Ion Ratio Lower Upper
 200 100
 173 25.0 3.7 43.7
 215 48.9 25.2 65.2

Manual Integrations
 APPROVED

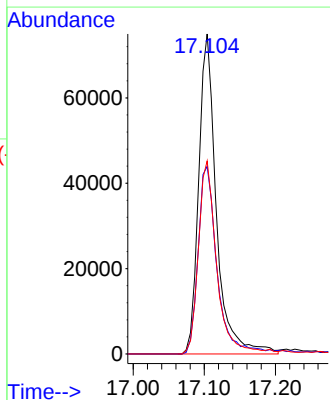
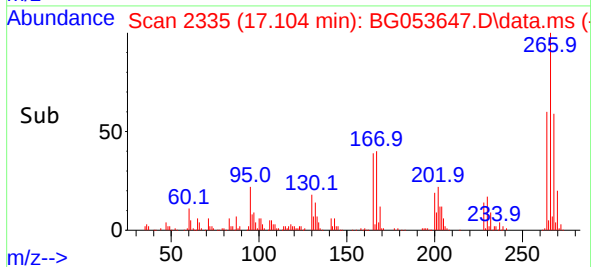
Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022

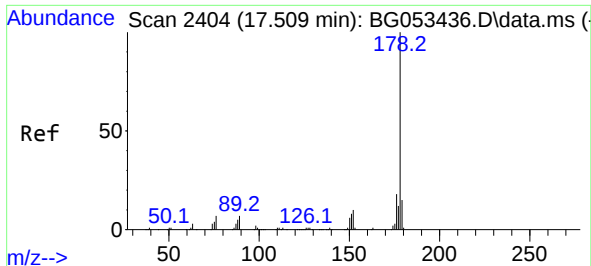


#70
 Pentachlorophenol
 Concen: 95.594 ng
 RT: 17.104 min Scan# 2335
 Delta R.T. -0.006 min
 Lab File: BG053647.D
 Acq: 20 May 2022 17:06



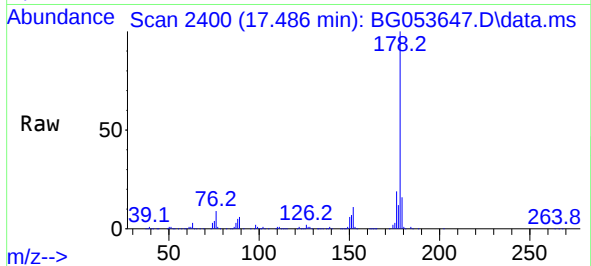
Tgt Ion:266 Resp: 130083
 Ion Ratio Lower Upper
 266 100
 268 58.6 56.2 84.2
 264 60.3 53.0 79.4





#71
Phenanthrene
Concen: 50.587 ng
RT: 17.486 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

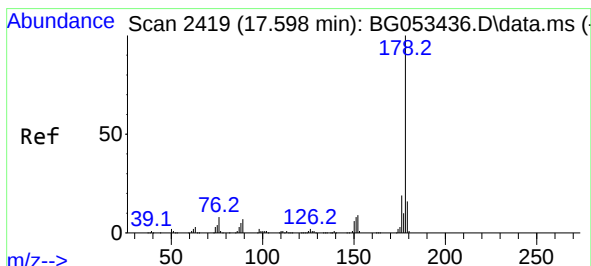
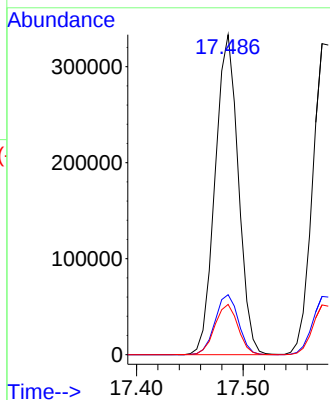
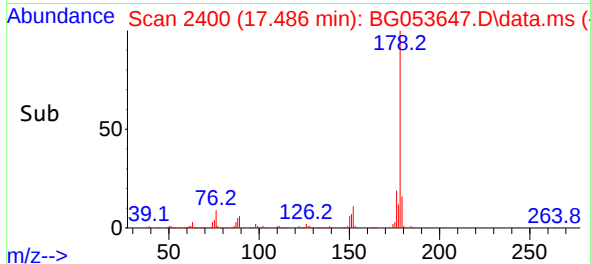
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



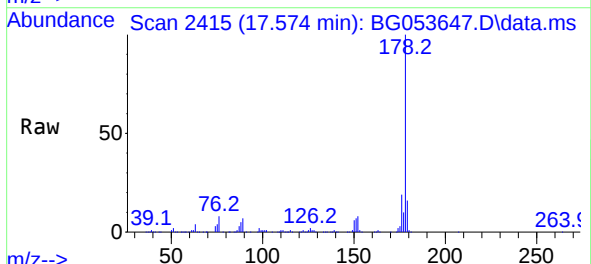
Tgt Ion:178 Resp: 503095
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 15.7 12.1 18.1

Manual Integrations
APPROVED

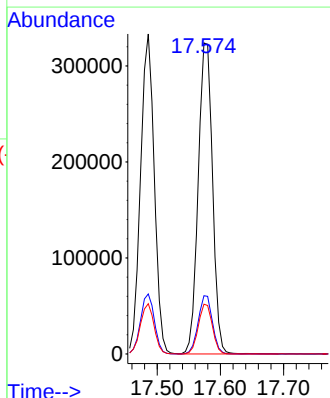
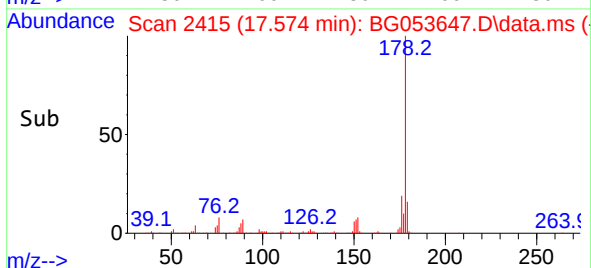
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

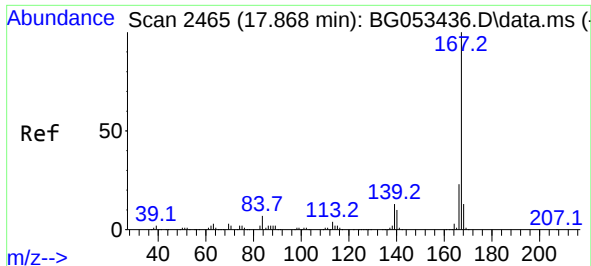


#72
Anthracene
Concen: 52.239 ng
RT: 17.574 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



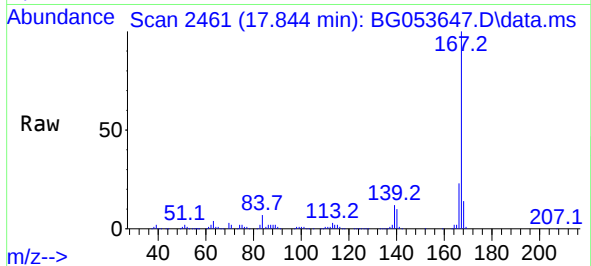
Tgt Ion:178 Resp: 510650
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 16.0 13.0 19.4





#73
 Carbazole
 Concen: 48.351 ng
 RT: 17.844 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BG053647.D
 Acq: 20 May 2022 17:06

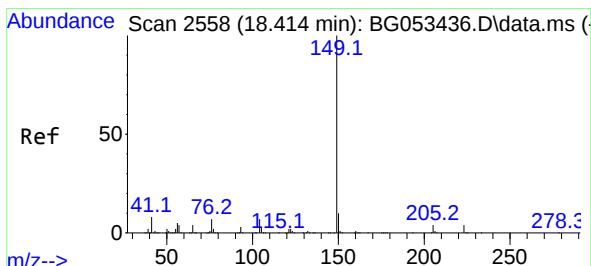
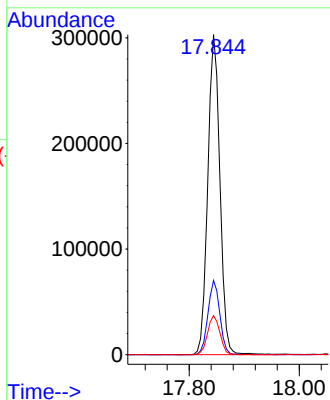
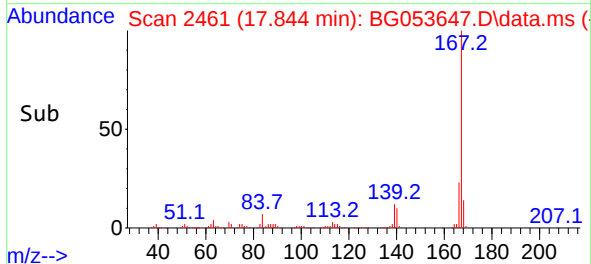
Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MS



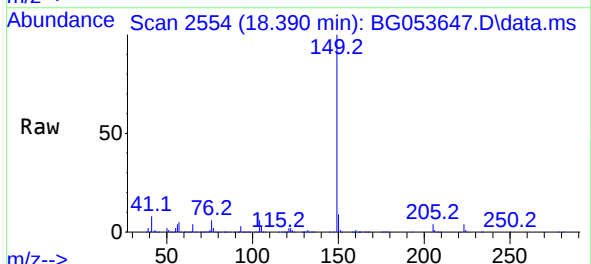
Tgt Ion:167 Resp: 463214
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.2
 139 12.2 10.1 15.1

Manual Integrations
 APPROVED

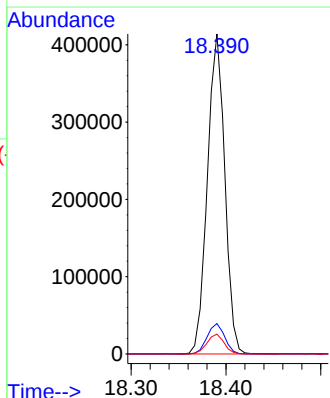
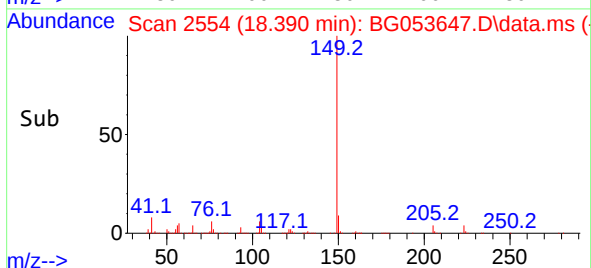
Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022

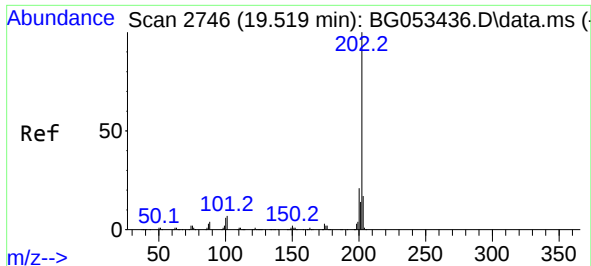


#74
 Di-n-butylphthalate
 Concen: 48.875 ng
 RT: 18.390 min Scan# 2554
 Delta R.T. -0.006 min
 Lab File: BG053647.D
 Acq: 20 May 2022 17:06



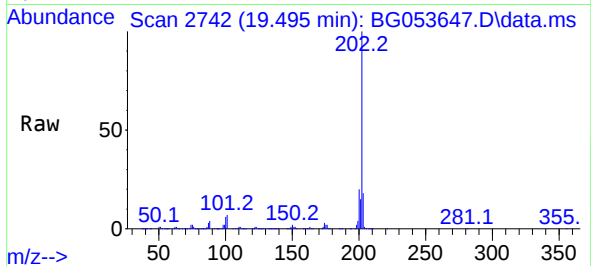
Tgt Ion:149 Resp: 526614
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.2 5.4 8.0





#75
Fluoranthene
Concen: 47.049 ng
RT: 19.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

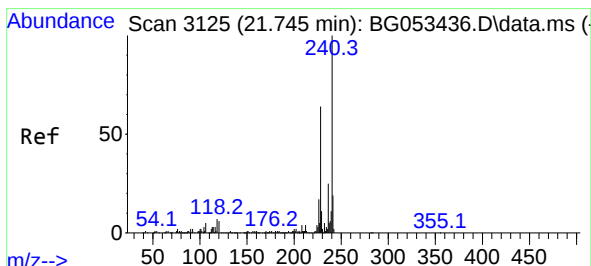
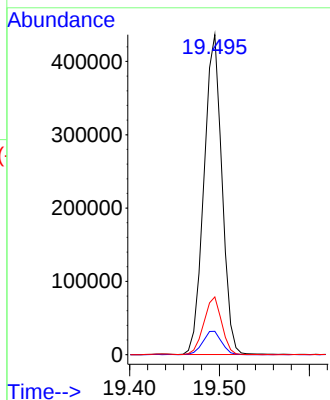
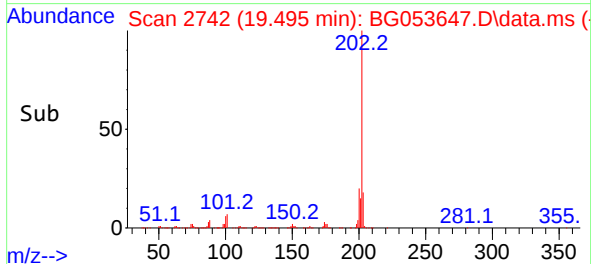
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:202 Resp: 60585
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.9
203 18.1 0.0 37.2

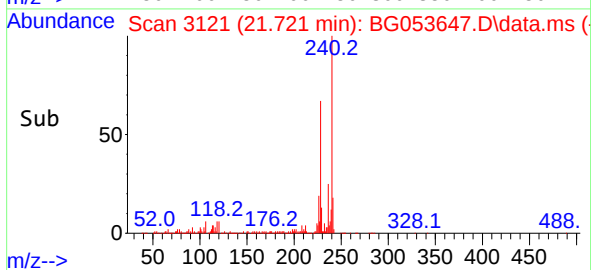
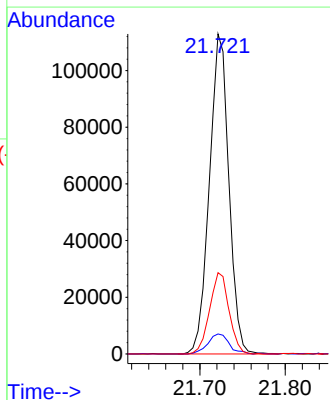
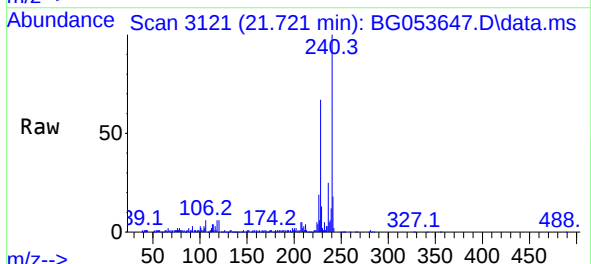
Manual Integrations
APPROVED

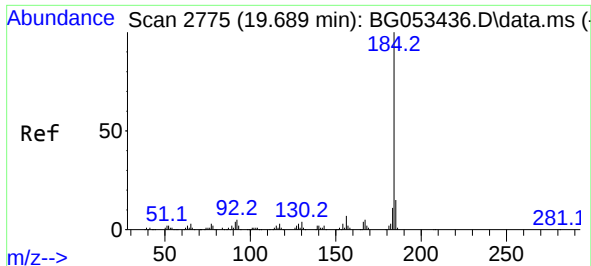
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

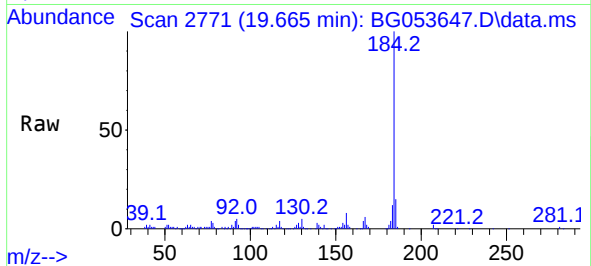
Tgt Ion:240 Resp: 179231
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 25.4 20.2 30.4





#77
Benzidine
Concen: 43.194 ng
RT: 19.665 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

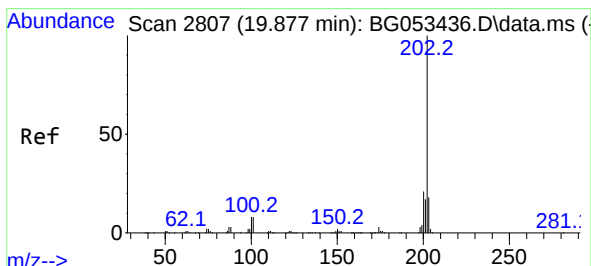
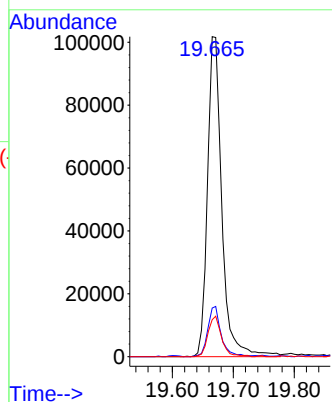
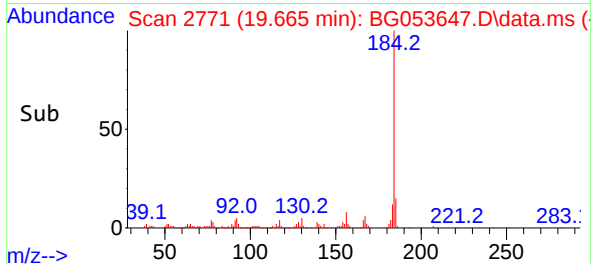
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



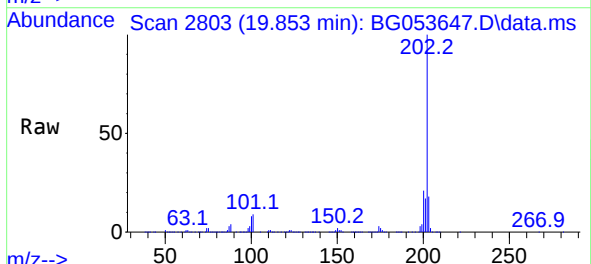
Tgt Ion:184 Resp: 166864
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 11.5 8.9 13.3

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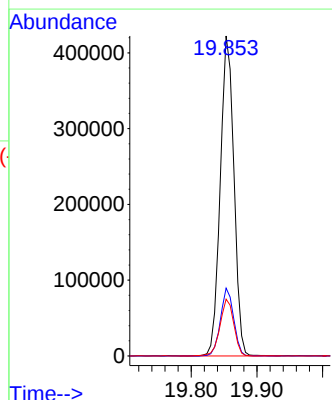
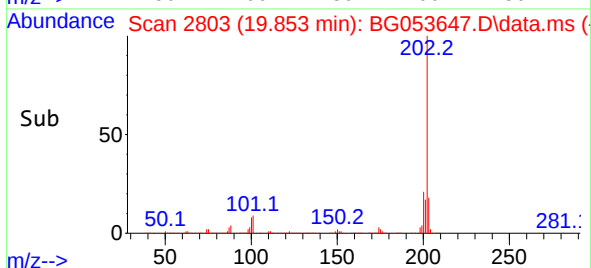
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

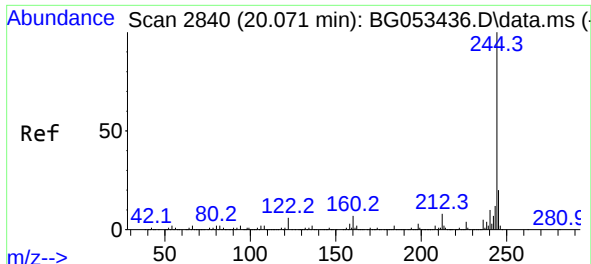


#78
Pyrene
Concen: 52.392 ng
RT: 19.853 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



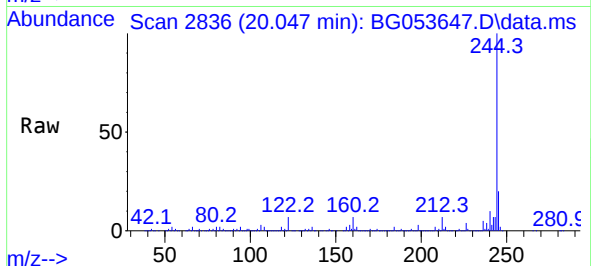
Tgt Ion:202 Resp: 607875
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 82.168 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053647.D
 Acq: 20 May 2022 17:06

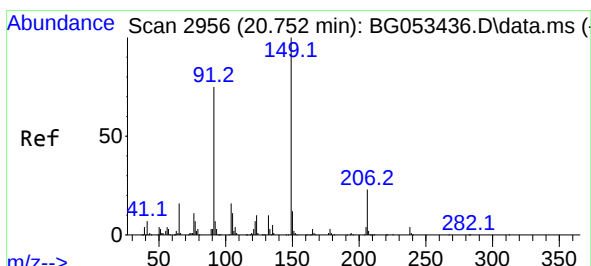
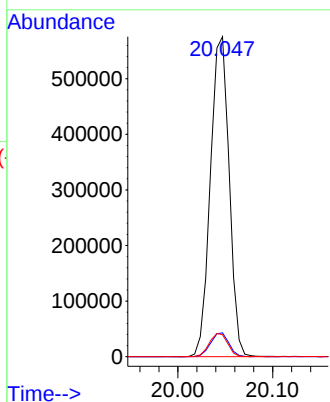
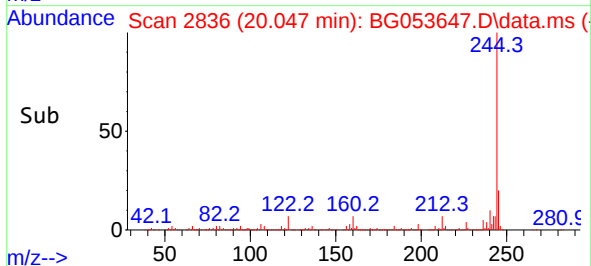
Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01MS



Tgt Ion:244 Resp: 79072
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.8 5.0 7.4

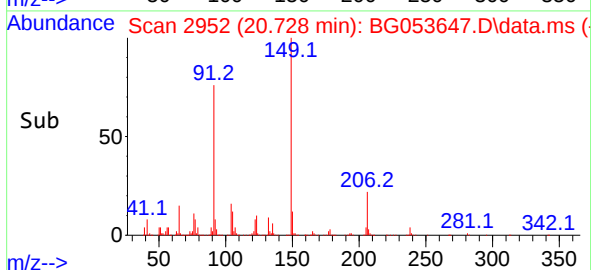
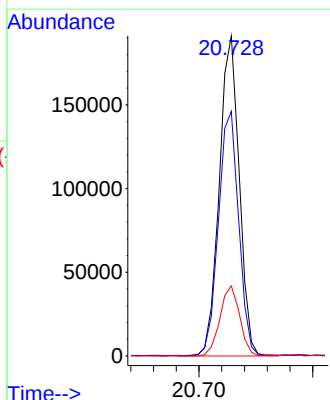
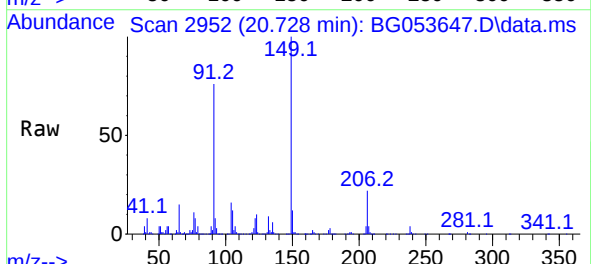
Manual Integrations
 APPROVED

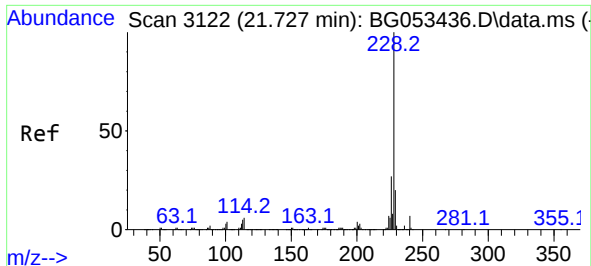
Reviewed By :Christian Giraldo 05/23/2022
 Supervised By :Jagrut Upadhyay 05/23/2022



#80
 Butylbenzylphthalate
 Concen: 54.673 ng
 RT: 20.728 min Scan# 2952
 Delta R.T. -0.006 min
 Lab File: BG053647.D
 Acq: 20 May 2022 17:06

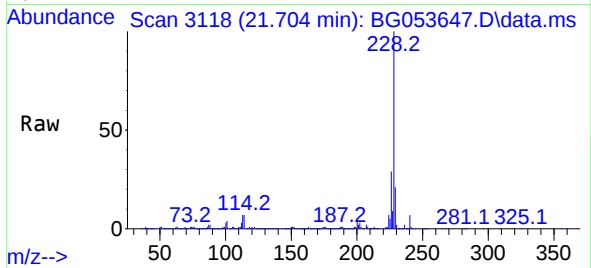
Tgt Ion:149 Resp: 232610
 Ion Ratio Lower Upper
 149 100
 91 76.4 59.6 89.4
 206 21.9 18.6 28.0





#81
Benzo(a)anthracene
Concen: 50.649 ng
RT: 21.704 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

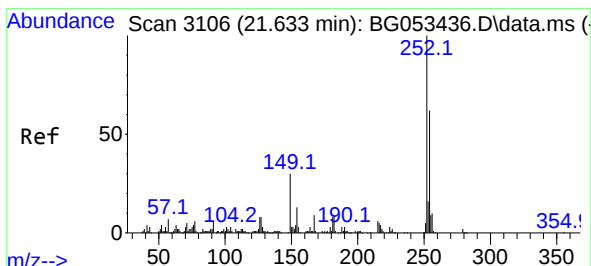
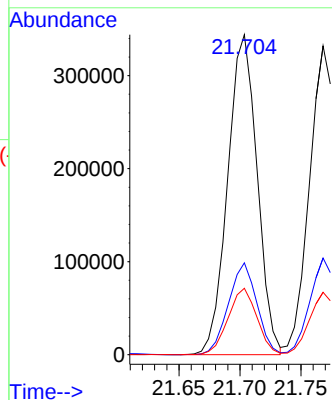
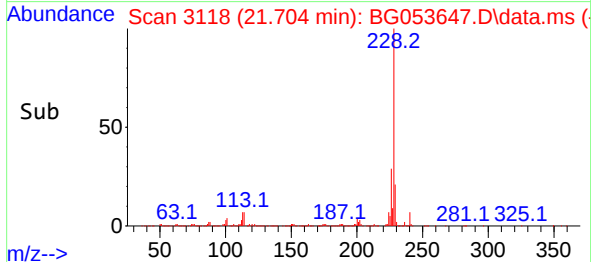
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



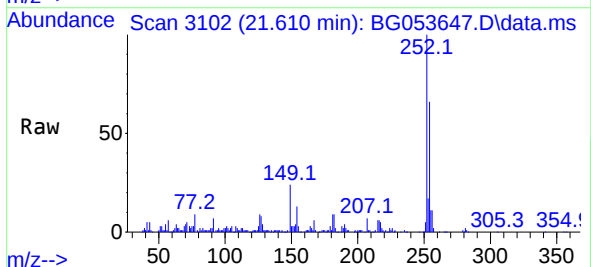
Tgt Ion:228 Resp: 578999
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 20.8 16.2 24.2

Manual Integrations
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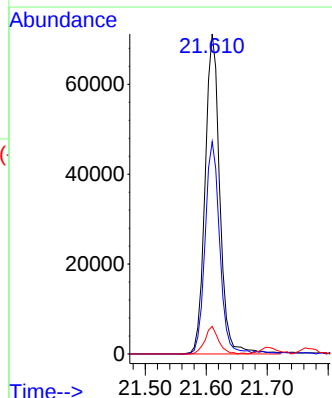
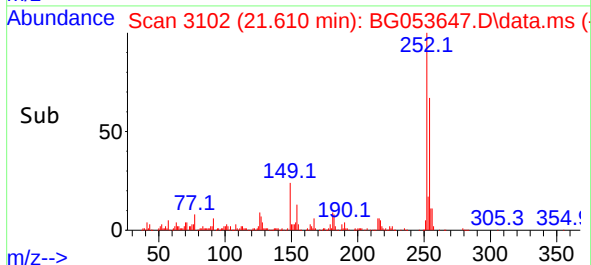
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

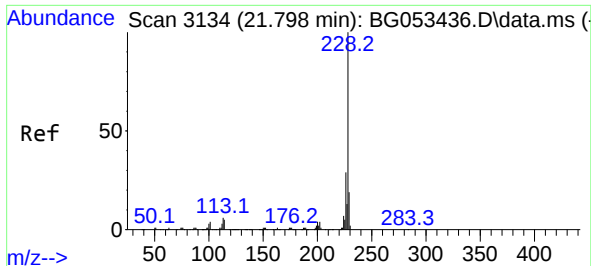


#82
3,3'-Dichlorobenzidine
Concen: 41.087 ng
RT: 21.610 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



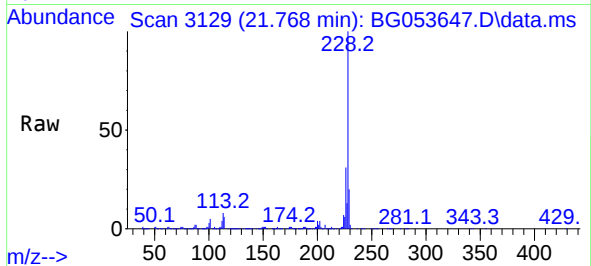
Tgt Ion:252 Resp: 119110
Ion Ratio Lower Upper
252 100
254 66.4 49.8 74.8
126 8.6 6.0 9.0





#83
Chrysene
Concen: 50.275 ng
RT: 21.768 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

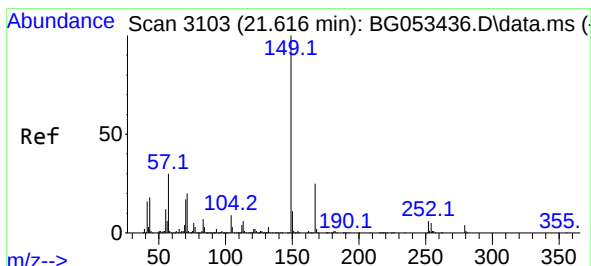
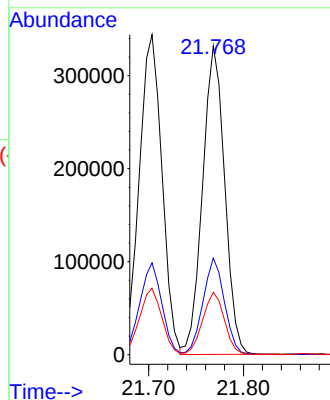
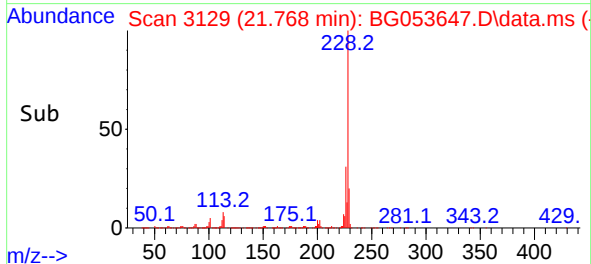
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:228 Resp: 53677
Ion Ratio Lower Upper
228 100
226 31.3 23.4 35.2
229 20.2 15.5 23.3

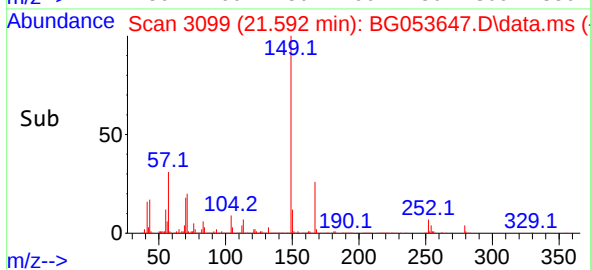
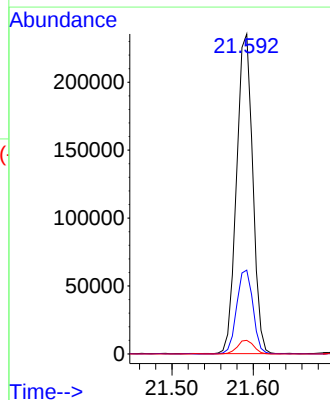
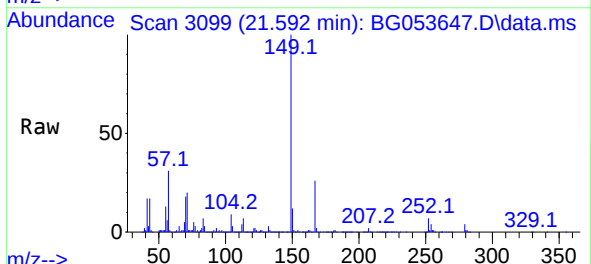
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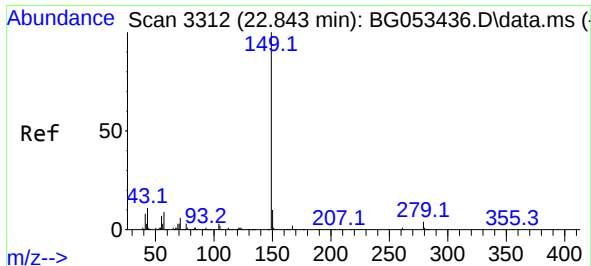
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.159 ng
RT: 21.592 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

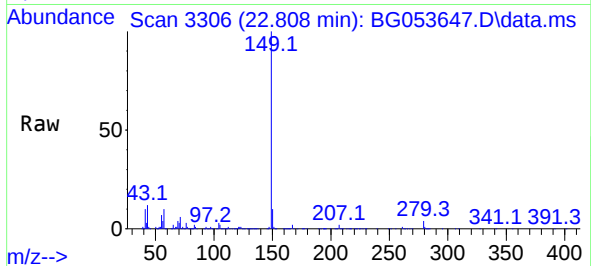
Tgt Ion:149 Resp: 323911
Ion Ratio Lower Upper
149 100
167 26.2 20.2 30.4
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 55.624 ng
RT: 22.808 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

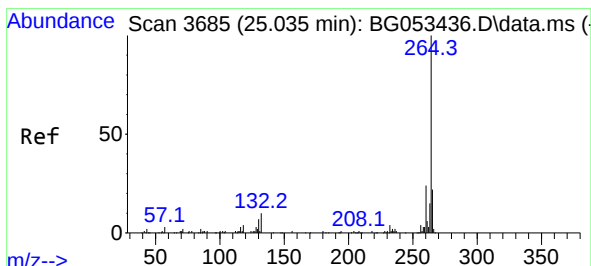
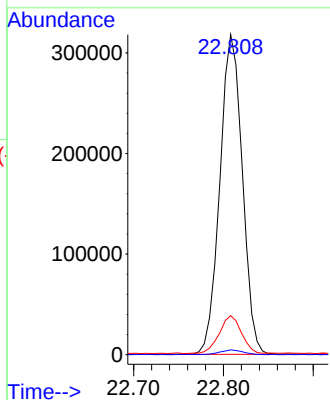
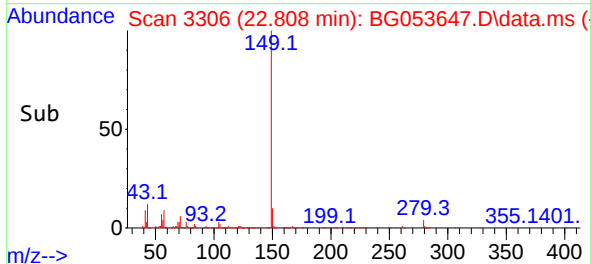
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



Tgt Ion:149 Resp: 55234
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.0 13.4

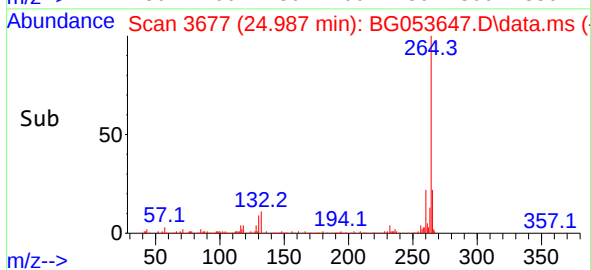
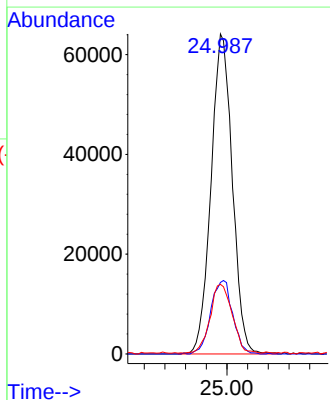
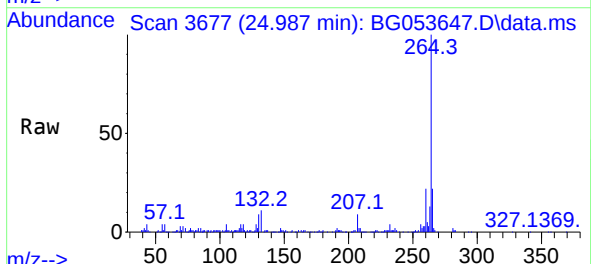
Manual Integrations
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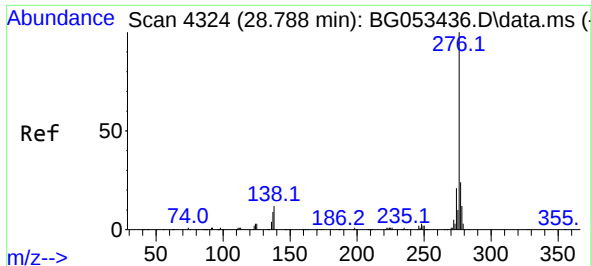
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.987 min Scan# 3677
Delta R.T. -0.018 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

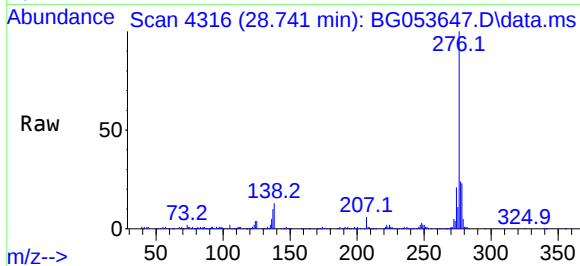
Tgt Ion:264 Resp: 183014
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.6
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.795 ng
RT: 28.741 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

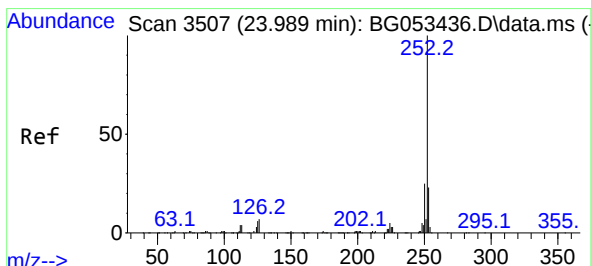
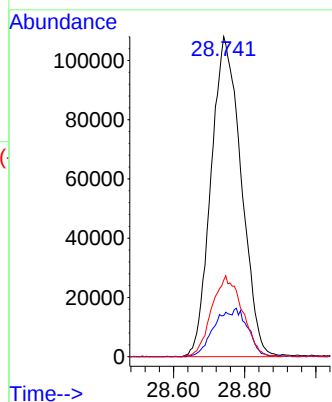
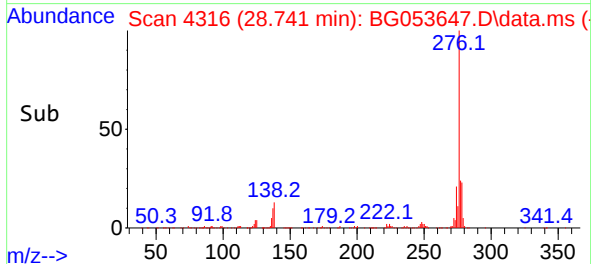
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



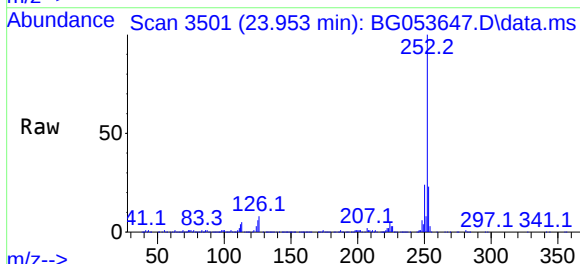
Tgt Ion:276 Resp: 63471
Ion Ratio Lower Upper
276 100
138 9.4 5.0 7.4
277 25.7 20.3 30.5

Manual Integrations
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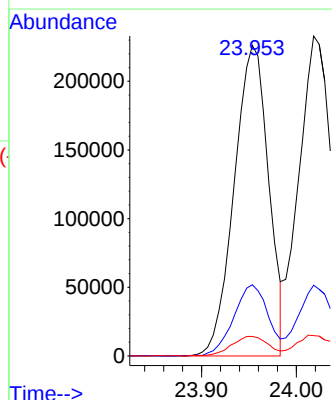
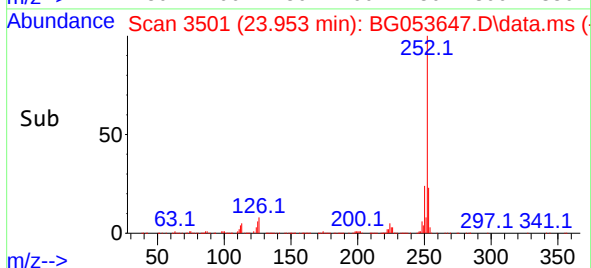
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

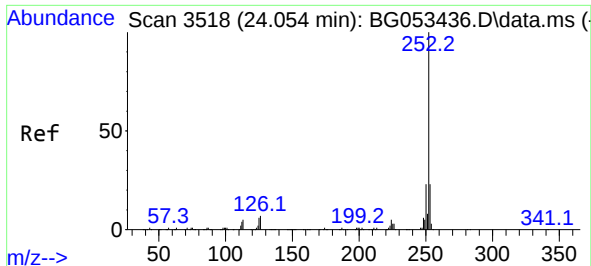


#88
Benzo(b)fluoranthene
Concen: 52.643 ng
RT: 23.953 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



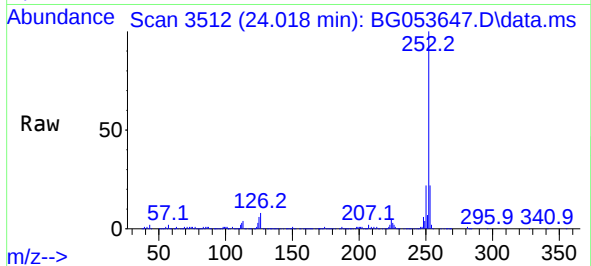
Tgt Ion:252 Resp: 570277
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 6.3 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 53.347 ng
RT: 24.018 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

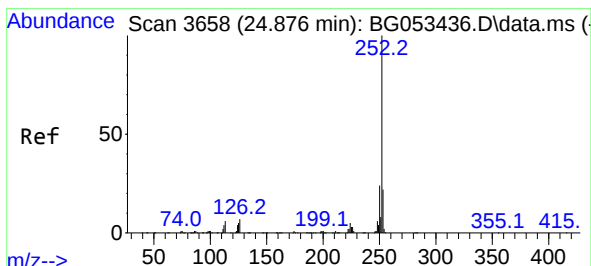
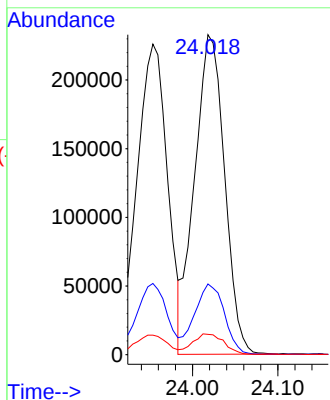
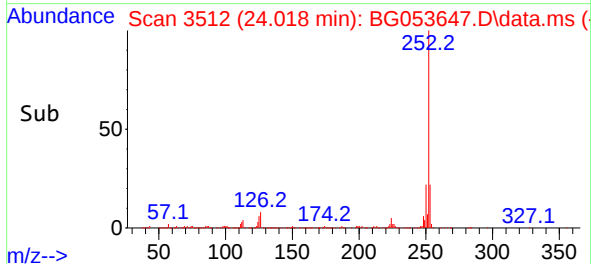
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



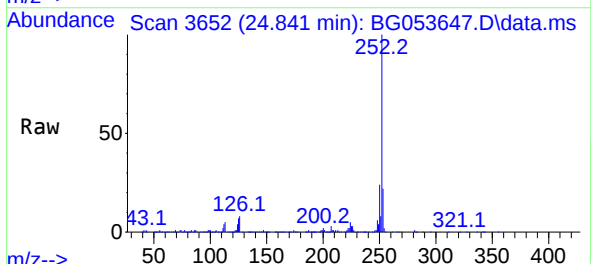
Tgt Ion:252 Resp: 56788
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 6.3 4.8 7.2

Manual Integrations
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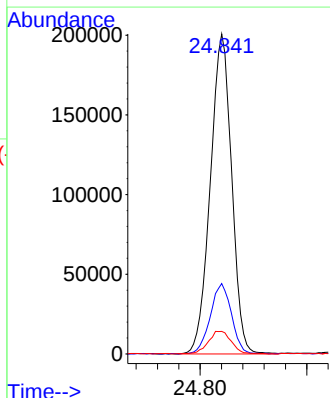
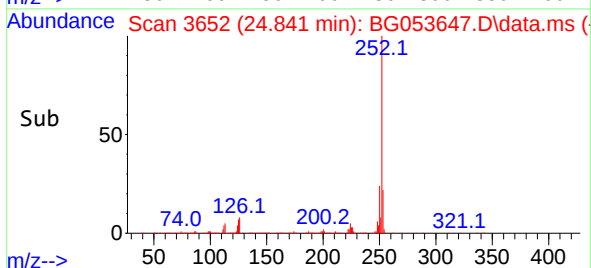
Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

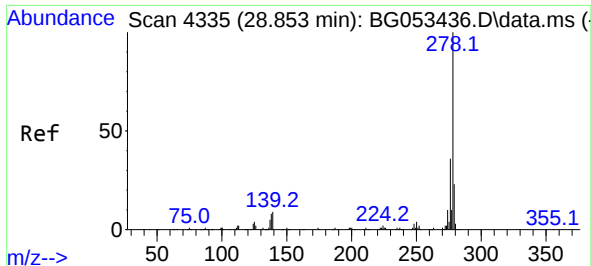


#90
Benzo(a)pyrene
Concen: 60.407 ng
RT: 24.841 min Scan# 3652
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



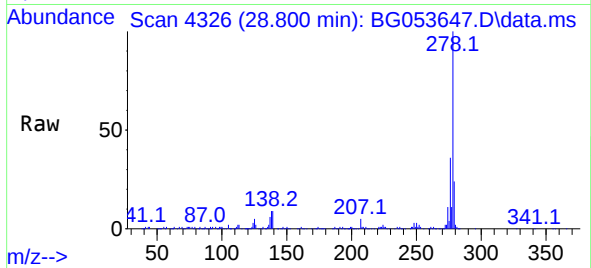
Tgt Ion:252 Resp: 556979
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.1 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 52.982 ng
RT: 28.800 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06

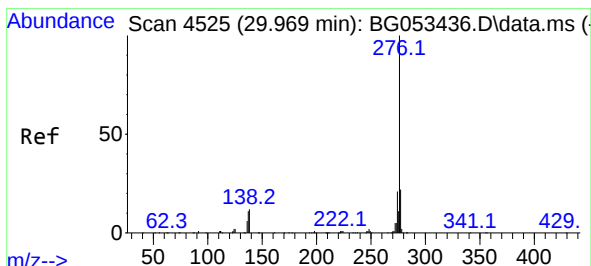
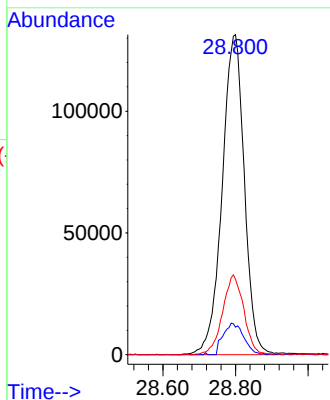
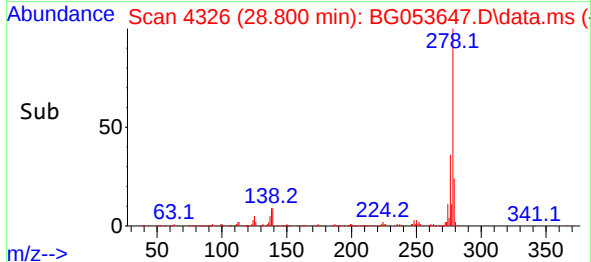
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01MS



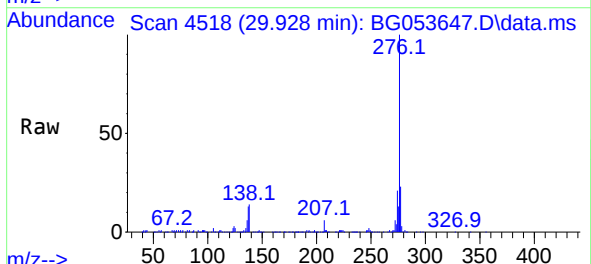
Tgt Ion:278 Resp: 55647
Ion Ratio Lower Upper
278 100
139 8.6 7.2 10.8
279 23.5 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022



#92
Benzo(g,h,i)perylene
Concen: 52.319 ng
RT: 29.928 min Scan# 4518
Delta R.T. -0.006 min
Lab File: BG053647.D
Acq: 20 May 2022 17:06



Tgt Ion:276 Resp: 544702
Ion Ratio Lower Upper
276 100
277 23.1 17.3 25.9
138 13.6 9.6 14.4

