

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053271.D
 Acq On : 22 Apr 2022 21:34
 Operator : CG/JU
 Sample : N2494-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 01:16:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	27573	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	111530	20.000	ng	0.00
39) Acenaphthene-d10	14.737	164	89861	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	227704	20.000	ng	# 0.00
76) Chrysene-d12	21.763	240	217565	20.000	ng	0.00
86) Perylene-d12	25.064	264	224575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	226770	140.980	ng	0.00
7) Phenol-d6	7.270	99	306732	123.657	ng	0.00
23) Nitrobenzene-d5	9.274	82	240959	87.723	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	197320	138.020	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	539831	82.836	ng	0.00
79) Terphenyl-d14	20.083	244	1157169	89.828	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	29248	38.075	ng	# 26
3) Pyridine	3.969	79	66864	33.003	ng	92
4) n-Nitrosodimethylamine	3.869	42	47152	46.998	ng	92
6) Aniline	7.429	93	88548	30.802	ng	96
8) 2-Chlorophenol	7.676	128	87946	50.645	ng	96
9) Benzaldehyde	7.241	77	62384m	42.074	ng	
10) Phenol	7.300	94	112841	45.702	ng	87
11) bis(2-Chloroethyl)ether	7.517	93	85328	47.941	ng	95
12) 1,3-Dichlorobenzene	7.999	146	94719m	46.940	ng	
13) 1,4-Dichlorobenzene	8.146	146	94969	46.164	ng	99
14) 1,2-Dichlorobenzene	8.463	146	92356	46.555	ng	100
15) Benzyl Alcohol	8.345	79	107939m	48.956	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	135638	45.646	ng	98
17) 2-Methylphenol	8.551	107	82930	49.634	ng	98
18) Hexachloroethane	9.197	117	34619	44.876	ng	92
19) n-Nitroso-di-n-propyla...	8.909	70	81888	45.093	ng	96
20) 3+4-Methylphenols	8.880	107	112601	47.739	ng	94
22) Acetophenone	8.933	105	146117	47.223	ng	# 97
24) Nitrobenzene	9.315	77	125933	47.135	ng	90
25) Isophorone	9.838	82	232569	49.814	ng	98
26) 2-Nitrophenol	10.031	139	51882	46.439	ng	# 89
27) 2,4-Dimethylphenol	10.084	122	89335	55.833	ng	93
28) bis(2-Chloroethoxy)met...	10.313	93	120799	46.055	ng	99
29) 2,4-Dichlorophenol	10.572	162	100733	50.079	ng	96
30) 1,2,4-Trichlorobenzene	10.783	180	103335	45.390	ng	96
31) Naphthalene	10.971	128	273498	45.963	ng	99
32) Benzoic acid	10.243	122	42382m	41.252	ng	
33) 4-Chloroaniline	11.083	127	24177	9.488	ng	95
34) Hexachlorobutadiene	11.259	225	72479	42.859	ng	97
35) Caprolactam	11.852	113	29857m	42.110	ng	
36) 4-Chloro-3-methylphenol	12.199	107	117027	49.973	ng	91
37) 2-Methylnaphthalene	12.569	142	205681	46.714	ng	98
38) 1-Methylnaphthalene	12.787	142	199456	46.409	ng	94
40) 1,2,4,5-Tetrachloroben...	12.939	216	133593	43.772	ng	99
41) Hexachlorocyclopentadiene	12.916	237	137297	87.145	ng	92
43) 2,4,6-Trichlorophenol	13.174	196	94431	44.876	ng	98

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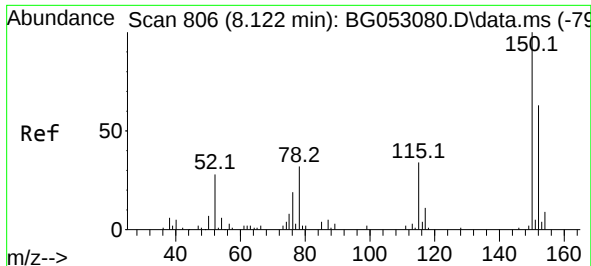
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	104155	46.450	ng	97
46) 1,1'-Biphenyl	13.568	154	289470	44.732	ng	97
47) 2-Chloronaphthalene	13.615	162	227181	44.003	ng	98
48) 2-Nitroaniline	13.809	65	91696	46.800	ng	# 87
49) Acenaphthylene	14.461	152	392013	48.505	ng	99
50) Dimethylphthalate	14.185	163	323712	45.039	ng	98
51) 2,6-Dinitrotoluene	14.302	165	72069	48.064	ng	# 83
52) Acenaphthene	14.796	154	281855m	51.426	ng	
53) 3-Nitroaniline	14.637	138	39820	25.115	ng	93
54) 2,4-Dinitrophenol	14.843	184	88980	93.265	ng	# 88
55) Dibenzofuran	15.130	168	379599	44.232	ng	98
56) 4-Nitrophenol	14.948	139	109790	90.794	ng	# 81
57) 2,4-Dinitrotoluene	15.089	165	104374	48.893	ng	90
58) Fluorene	15.782	166	318061	45.887	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.360	232	101927	46.807	ng	98
60) Diethylphthalate	15.542	149	337382	44.801	ng	100
61) 4-Chlorophenyl-phenyle...	15.765	204	173088	44.051	ng	98
62) 4-Nitroaniline	15.800	138	73128	43.709	ng	# 83
63) Azobenzene	16.059	77	335406	44.176	ng	97
65) 4,6-Dinitro-2-methylph...	15.859	198	65605	41.297	ng	96
66) n-Nitrosodiphenylamine	15.982	169	287910	43.969	ng	99
67) 4-Bromophenyl-phenylether	16.658	248	128940	44.193	ng	94
68) Hexachlorobenzene	16.793	284	142632	45.141	ng	97
69) Atrazine	16.922	200	128077	50.073	ng	98
70) Pentachlorophenol	17.134	266	171456	99.287	ng	93
71) Phenanthrene	17.521	178	556651	44.755	ng	99
72) Anthracene	17.615	178	563871	45.762	ng	99
73) Carbazole	17.880	167	516702	43.139	ng	100
74) Di-n-butylphthalate	18.426	149	599667	44.144	ng	99
75) Fluoranthene	19.530	202	713712	44.767	ng	99
77) Benzidine	19.701	184	72112	11.617	ng	100
78) Pyrene	19.889	202	721693	46.576	ng	99
80) Butylbenzylphthalate	20.764	149	259903	44.991	ng	99
81) Benzo(a)anthracene	21.745	228	694433	46.683	ng	98
82) 3,3'-Dichlorobenzidine	21.651	252	160933	29.417	ng	96
83) Chrysene	21.810	228	625915	45.338	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	363562	46.560	ng	98
85) Di-n-octyl phthalate	22.867	149	613732	46.996	ng	97
87) Indeno(1,2,3-cd)pyrene	28.841	276	756495	45.341	ng	# 96
88) Benzo(b)fluoranthene	24.013	252	709604	50.080	ng	99
89) Benzo(k)fluoranthene	24.083	252	668706	48.019	ng	99
90) Benzo(a)pyrene	24.911	252	668770	55.403	ng	98
91) Dibenzo(a,h)anthracene	28.900	278	653793	47.610	ng	98
92) Benzo(g,h,i)perylene	30.028	276	656826	48.528	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

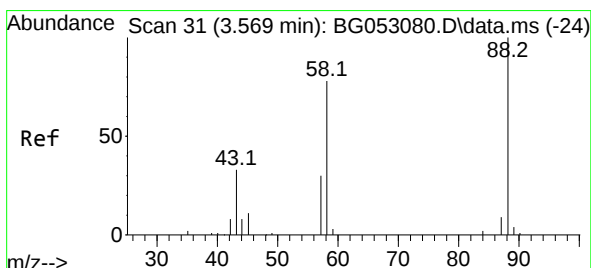
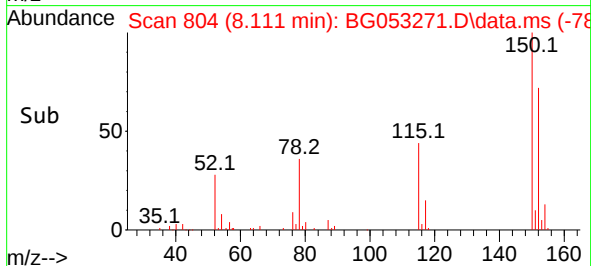
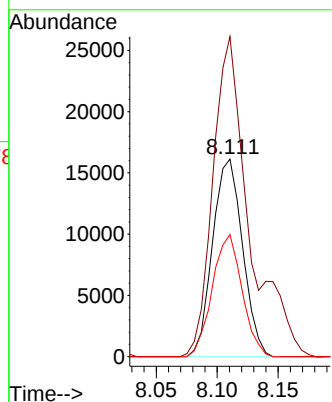
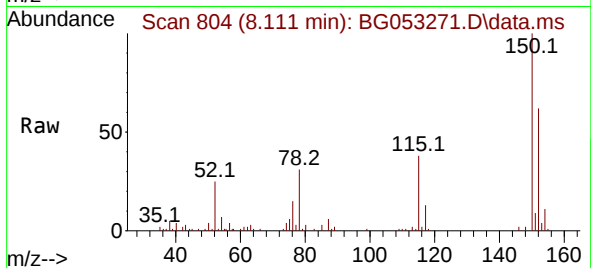
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Tgt Ion:152 Resp: 2757
Ion Ratio Lower Upper
152 100
150 162.0 114.6 172.0
115 61.8 45.9 68.9

Manual Integrations

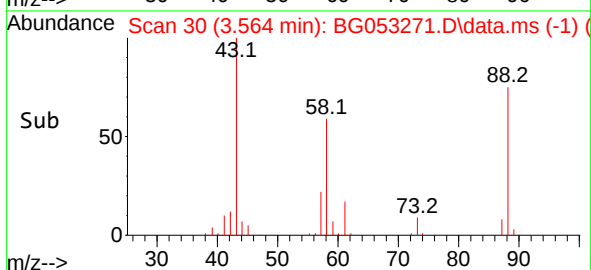
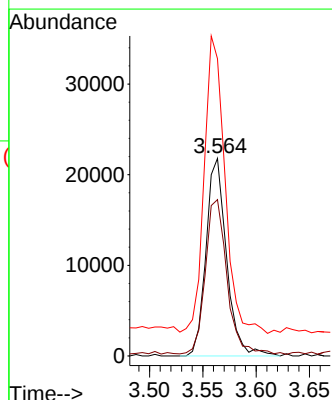
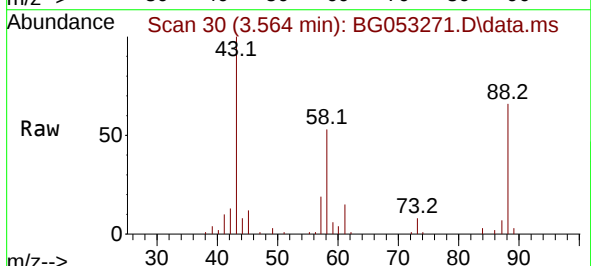
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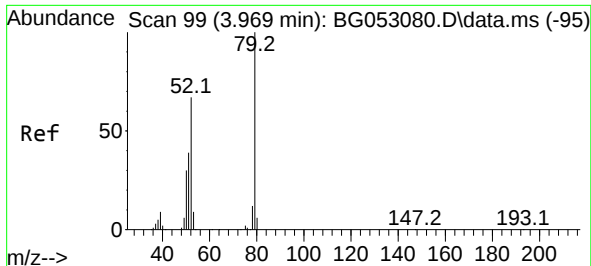
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#2
1,4-Dioxane
Concen: 38.075 ng
RT: 3.564 min Scan# 30
Delta R.T. 0.009 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion: 88 Resp: 29248
Ion Ratio Lower Upper
88 100
58 82.6 58.2 87.2
43 151.4 23.4 35.0#





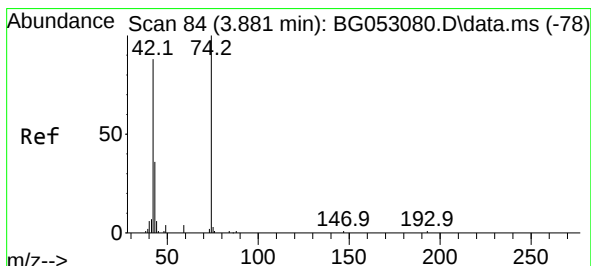
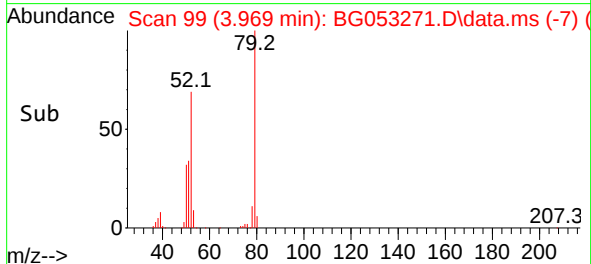
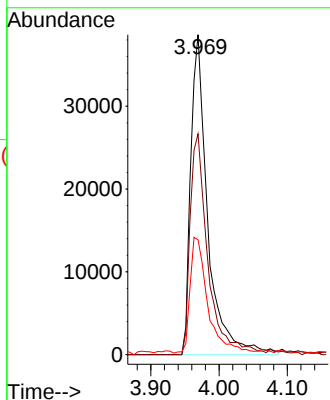
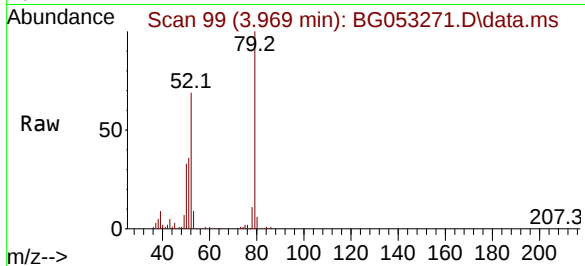
#3
Pyridine
Concen: 33.003 ng
RT: 3.969 min Scan# 99
Delta R.T. 0.009 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion: 79 Resp: 66864
Ion Ratio Lower Upper
79 100
52 69.0 50.9 76.3
51 35.9 24.4 36.6

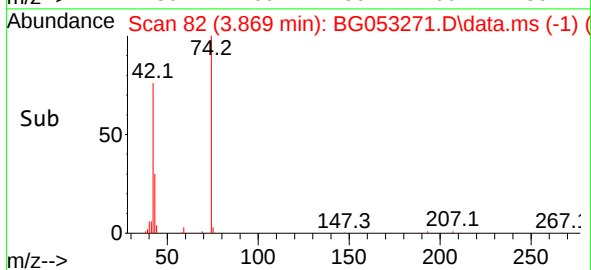
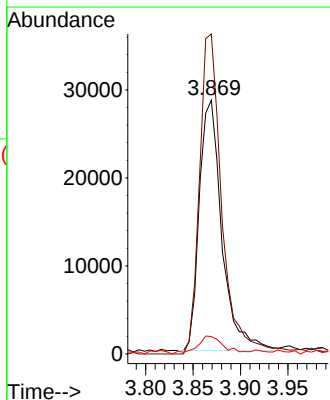
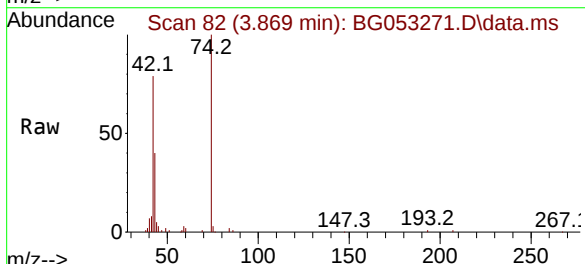
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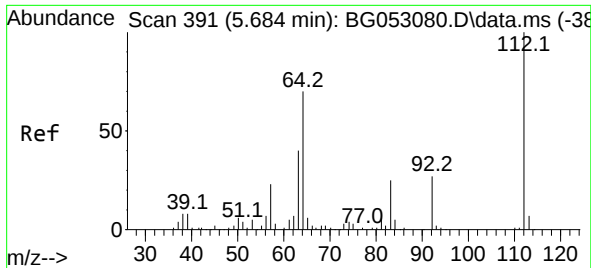
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#4
n-Nitrosodimethylamine
Concen: 46.998 ng
RT: 3.869 min Scan# 82
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion: 42 Resp: 47152
Ion Ratio Lower Upper
42 100
74 126.1 108.9 163.3
44 6.9 5.7 8.5





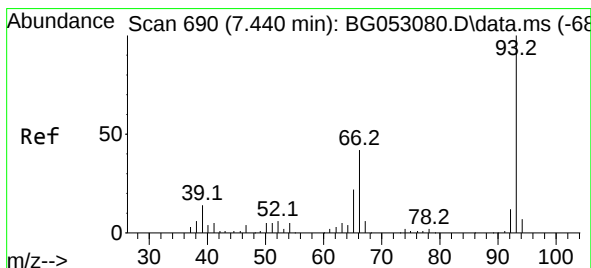
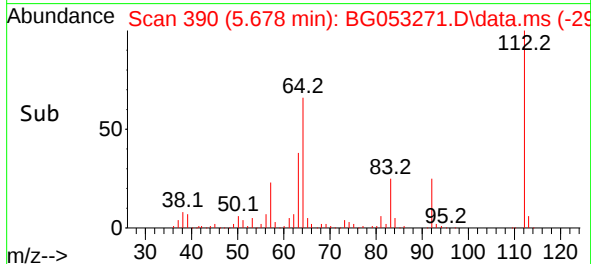
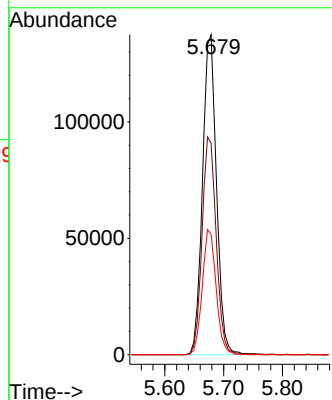
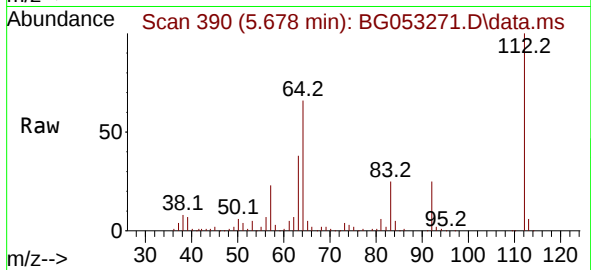
#5
2-Fluorophenol
Concen: 140.980 ng
RT: 5.678 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
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MH-1SMSD

Tgt Ion:112 Resp: 226770
Ion Ratio Lower Upper
112 100
64 66.0 48.0 72.0
63 37.7 26.5 39.7

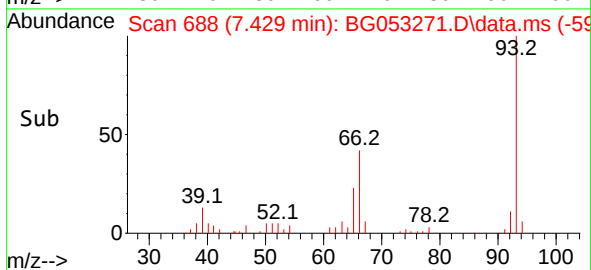
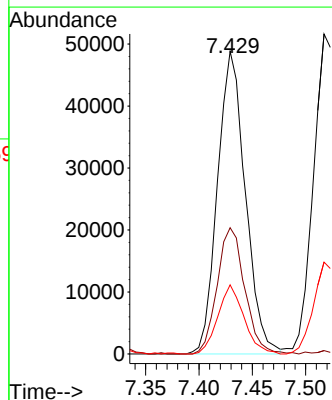
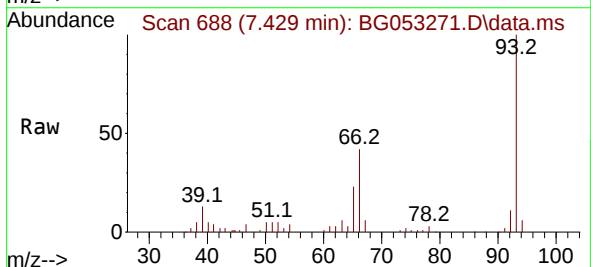
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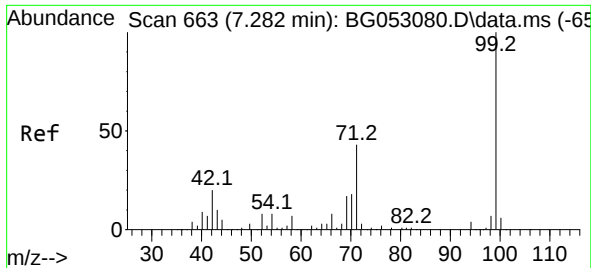
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#6
Aniline
Concen: 30.802 ng
RT: 7.429 min Scan# 688
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion: 93 Resp: 88548
Ion Ratio Lower Upper
93 100
66 41.7 31.3 46.9
65 22.8 16.7 25.1





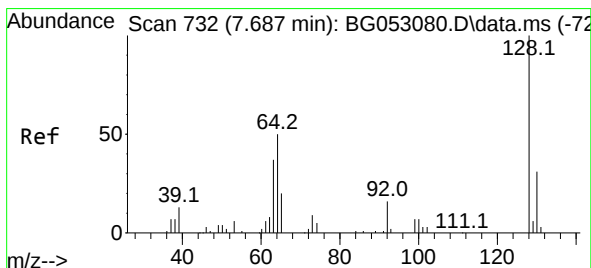
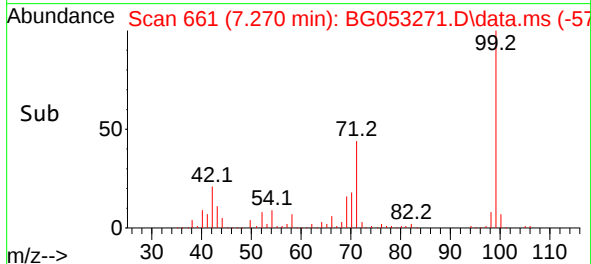
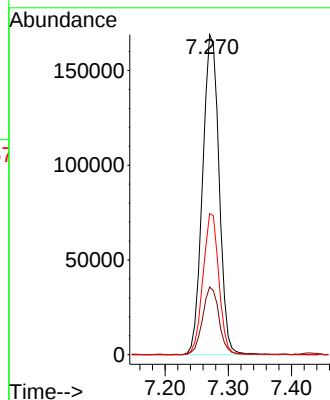
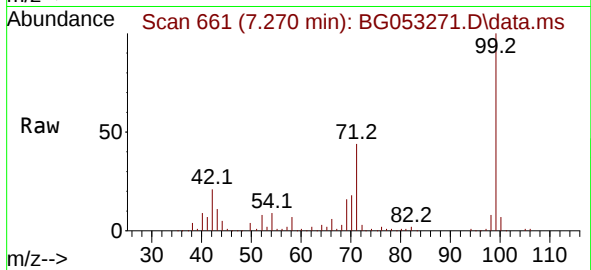
#7
Phenol-d6
Concen: 123.657 ng
RT: 7.270 min Scan# 607
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
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MH-1SMSD

Tgt Ion: 99 Resp: 30673
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 44.0 29.2 43.8

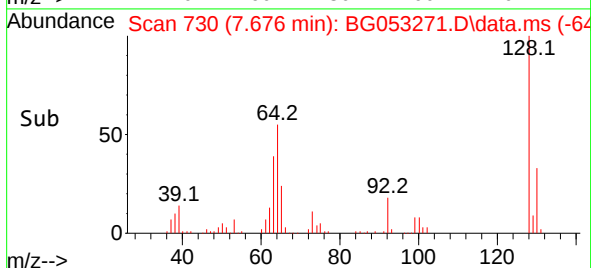
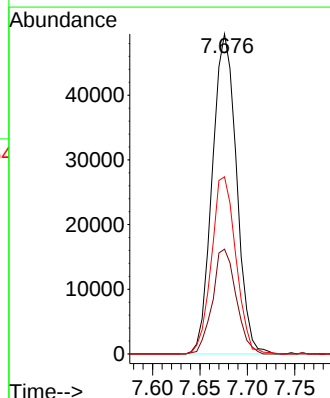
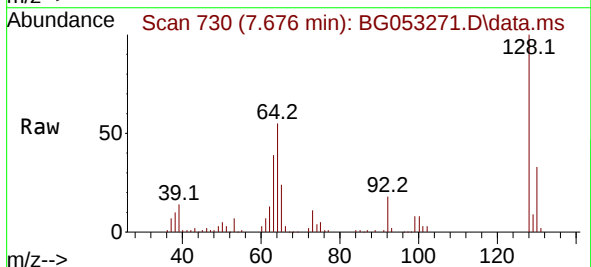
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#8
2-Chlorophenol
Concen: 50.645 ng
RT: 7.676 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion:128 Resp: 87946
Ion Ratio Lower Upper
128 100
130 32.8 13.4 53.4
64 55.3 30.9 70.9





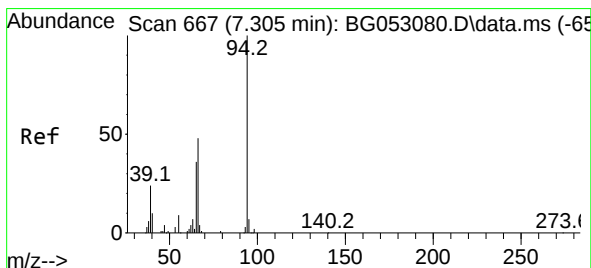
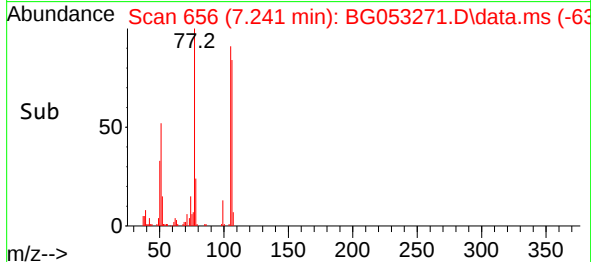
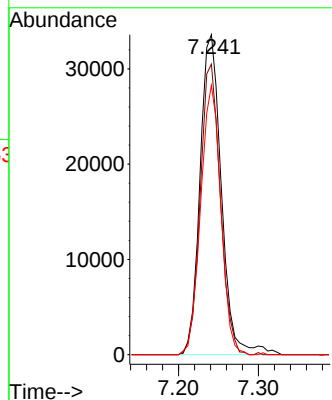
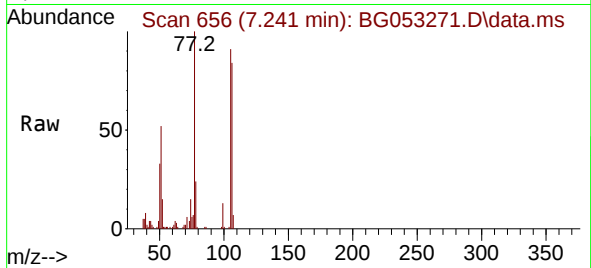
#9
Benzaldehyde
Concen: 42.074 ng m
RT: 7.241 min Scan# 658
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion: 77 Resp: 62384
Ion Ratio Lower Upper
77 100
105 90.8 70.6 110.6
106 84.1 67.6 107.6

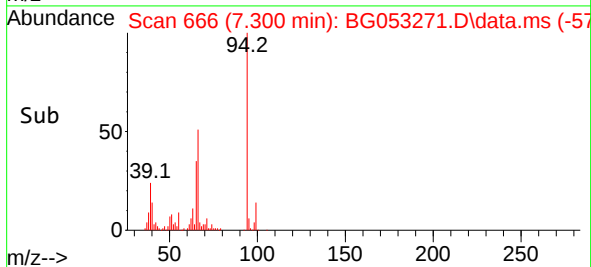
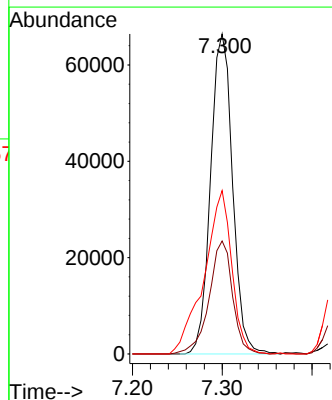
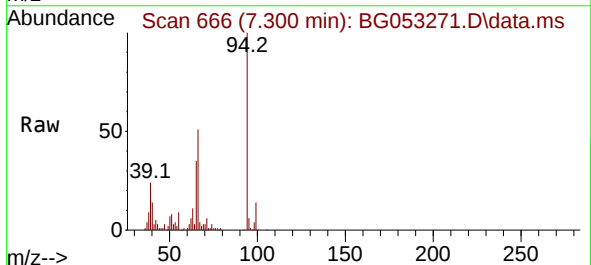
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#10
Phenol
Concen: 45.702 ng
RT: 7.300 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion: 94 Resp: 112841
Ion Ratio Lower Upper
94 100
65 35.3 11.1 51.1
66 51.0 20.0 60.0





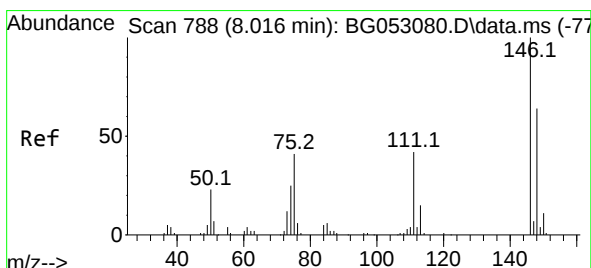
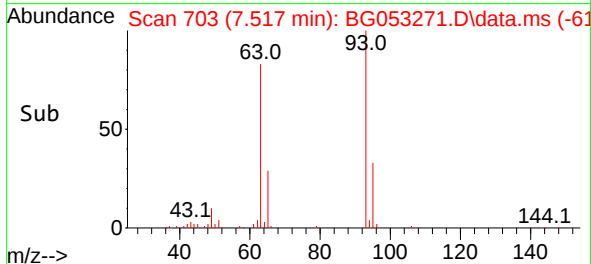
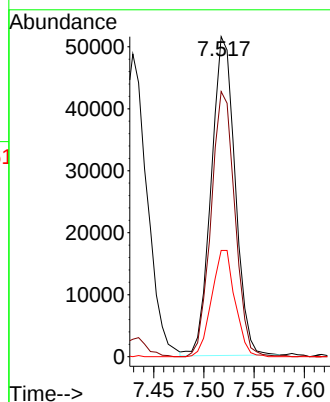
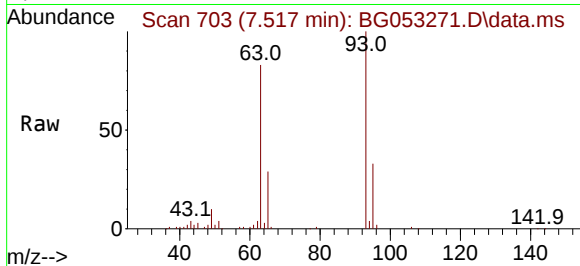
#11
bis(2-Chloroethyl)ether
Concen: 47.941 ng
RT: 7.517 min Scan# 706
Delta R.T. -0.009 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion: 93 Resp: 85328
Ion Ratio Lower Upper
93 100
63 82.9 56.9 96.9
95 33.2 14.5 54.5

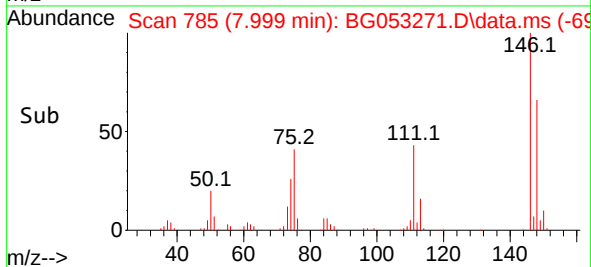
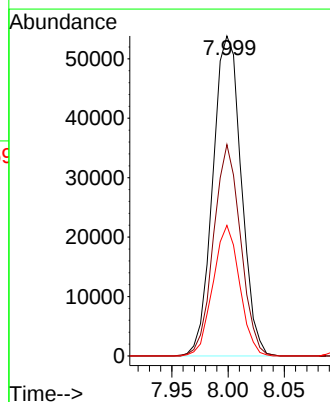
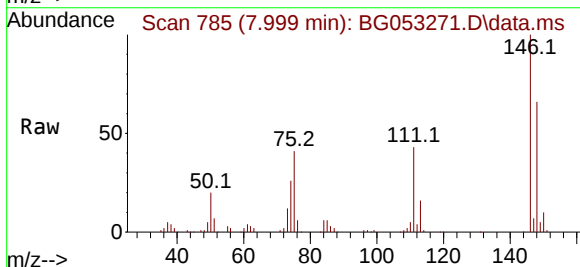
Manual Integrations
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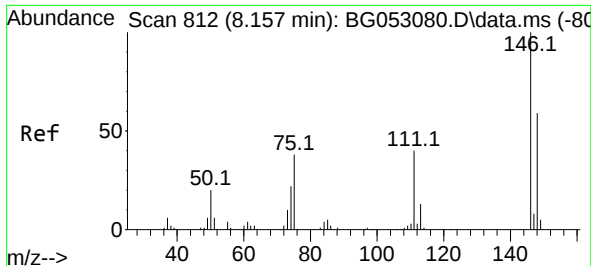
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#12
1,3-Dichlorobenzene
Concen: 46.940 ng m
RT: 7.999 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion:146 Resp: 94719
Ion Ratio Lower Upper
146 100
148 66.0 50.6 76.0
75 40.8 25.9 38.9#





#13

1,4-Dichlorobenzene

Concen: 46.164 ng

RT: 8.146 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

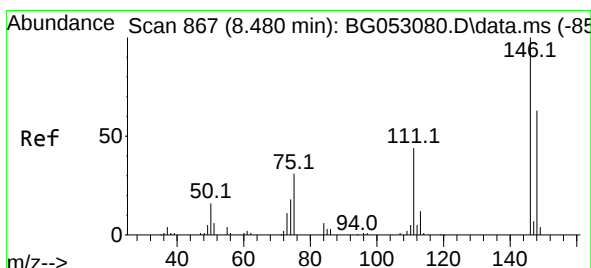
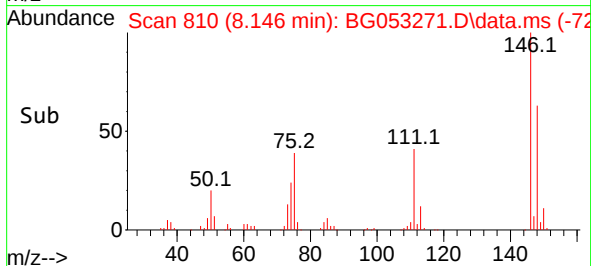
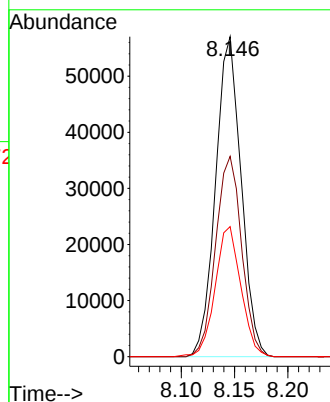
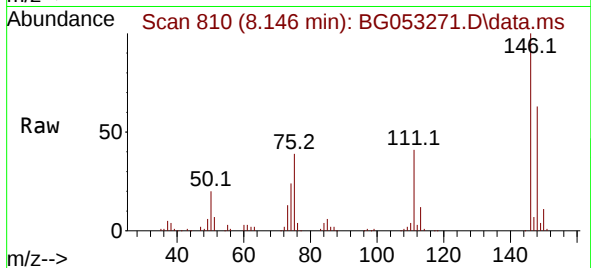
MH-1SMSD

Tgt Ion:146 Resp: 94969
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.0 75.0
 111 40.6 31.0 46.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#14

1,2-Dichlorobenzene

Concen: 46.555 ng

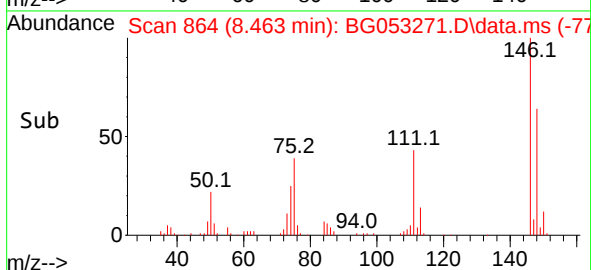
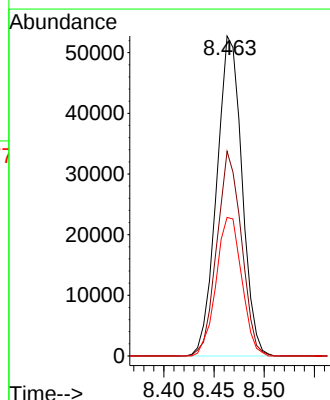
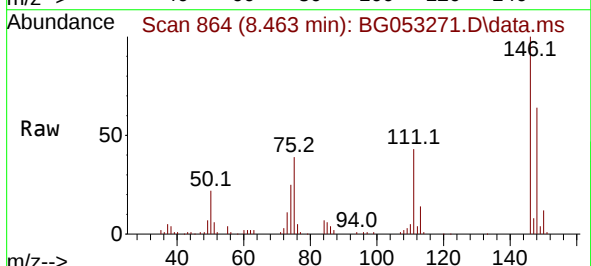
RT: 8.463 min Scan# 864

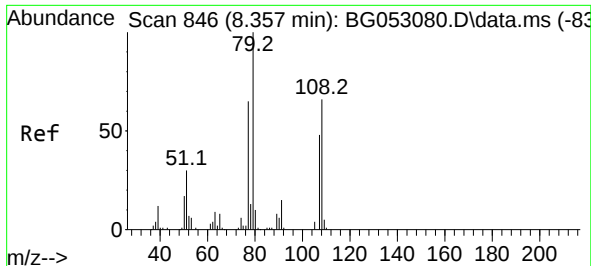
Delta R.T. -0.009 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

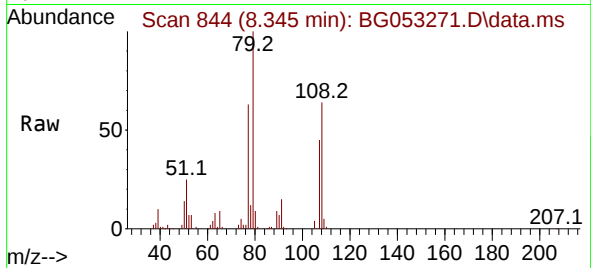
Tgt Ion:146 Resp: 92356
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 43.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 48.956 ng m
RT: 8.345 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

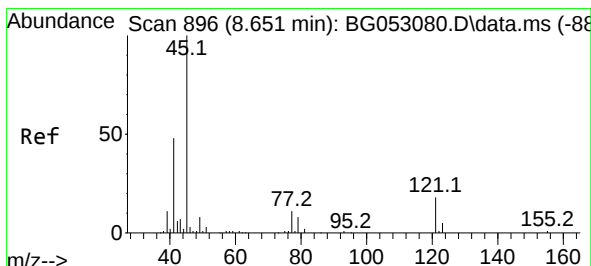
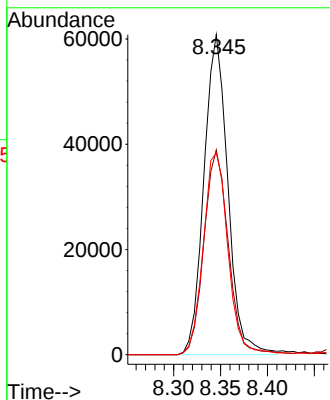
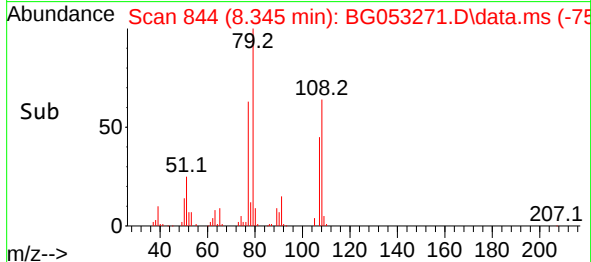
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion: 79 Resp: 107939
Ion Ratio Lower Upper
79 100
108 64.0 55.1 82.7
77 63.0 52.4 78.6

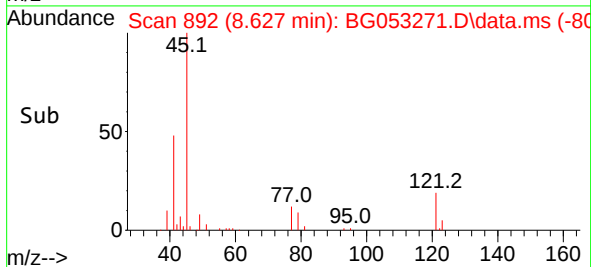
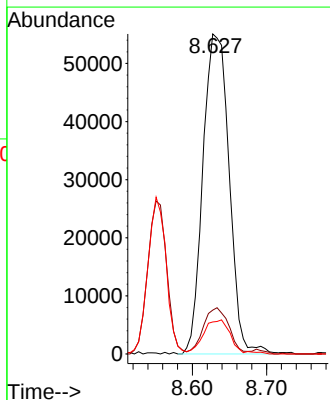
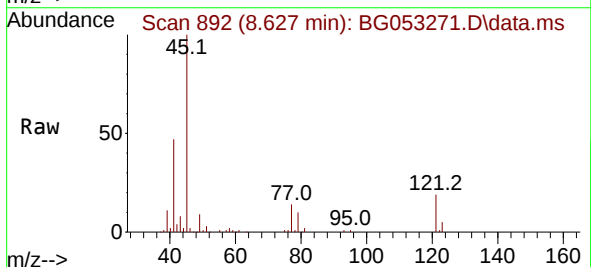
Manual Integrations
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Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.646 ng
RT: 8.627 min Scan# 892
Delta R.T. -0.009 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

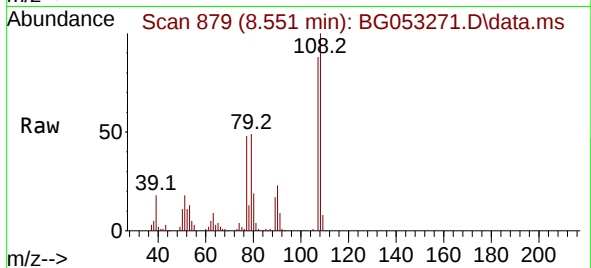
Tgt Ion: 45 Resp: 135638
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.9
79 10.0 0.0 30.7





#17
2-Methylphenol
Concen: 49.634 ng
RT: 8.551 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

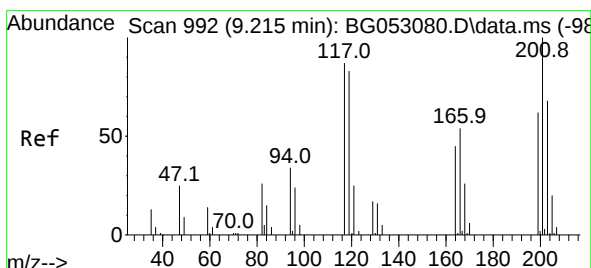
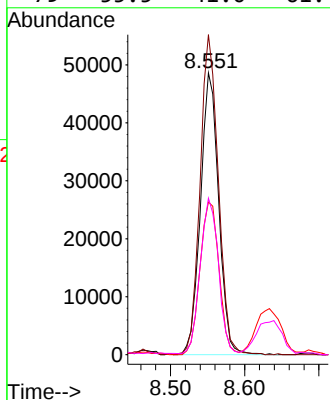
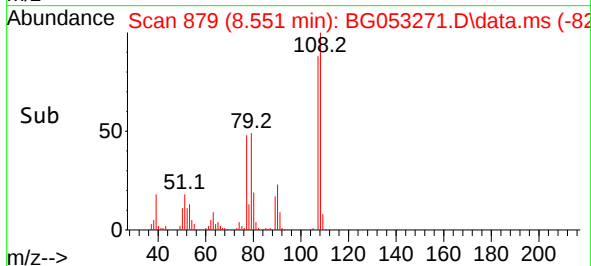
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion:	107	Resp:	82930
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.5	137.3
77	54.1	42.5	63.7
79	55.5	41.0	61.4

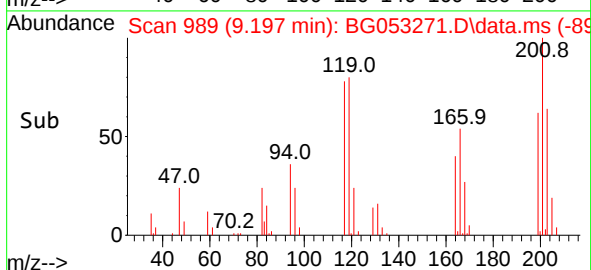
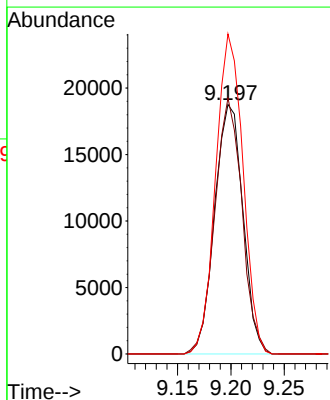
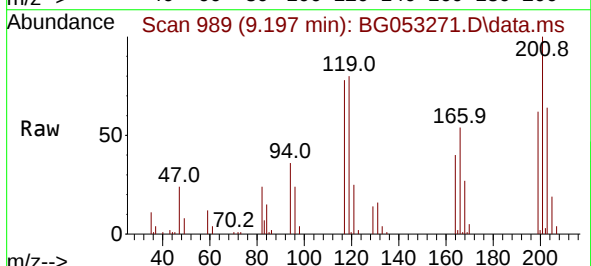
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Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#18
Hexachloroethane
Concen: 44.876 ng
RT: 9.197 min Scan# 989
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion:	117	Resp:	34619
Ion	Ratio	Lower	Upper
117	100		
119	102.6	75.1	112.7
201	128.3	96.6	145.0





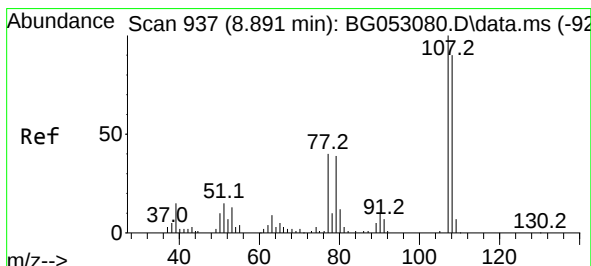
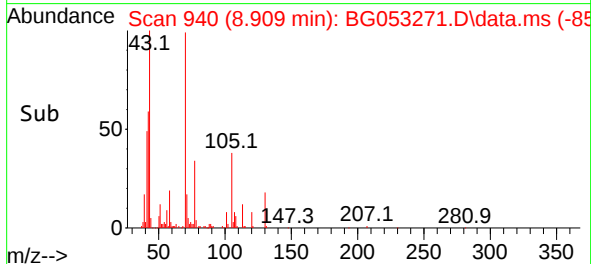
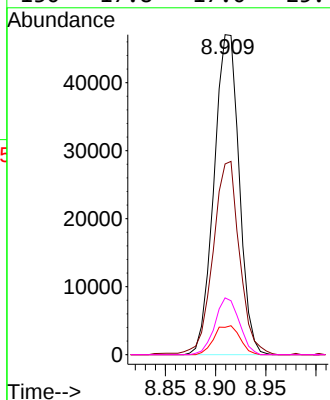
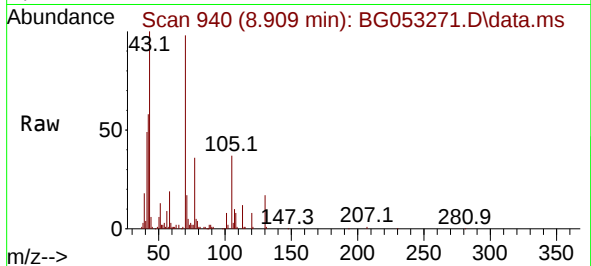
#19
n-Nitroso-di-n-propylamine
Concen: 45.093 ng
RT: 8.909 min Scan# 940
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion: 70 Resp: 8188
Ion Ratio Lower Upper
70 100
42 59.6 46.0 69.0
101 8.6 6.2 9.4
130 17.8 17.0 25.4

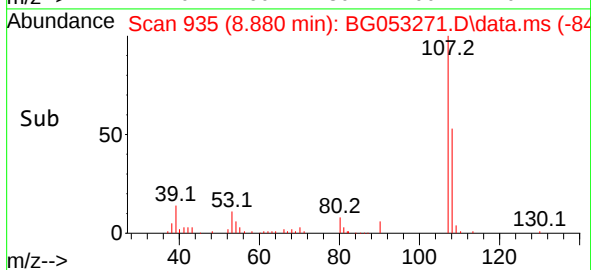
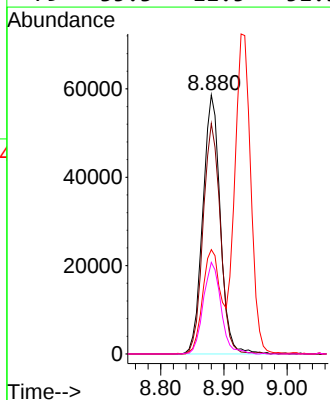
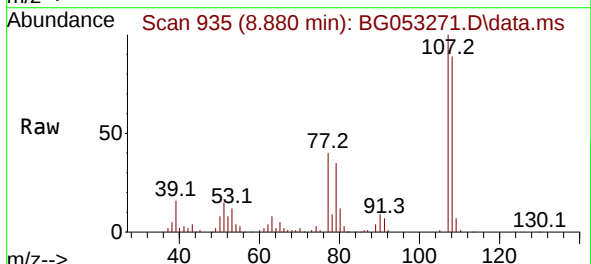
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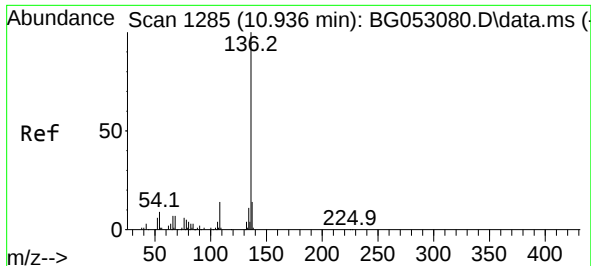
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#20
3+4-Methylphenols
Concen: 47.739 ng
RT: 8.880 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

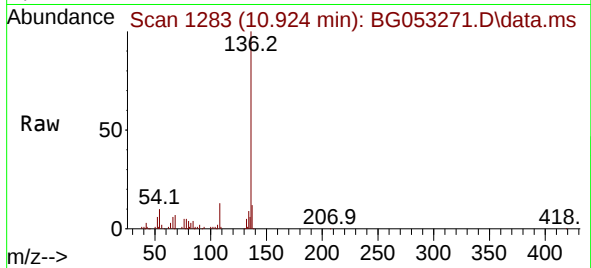
Tgt Ion:107 Resp: 112601
Ion Ratio Lower Upper
107 100
108 88.9 64.8 104.8
77 40.3 15.9 55.9
79 35.3 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 111530
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

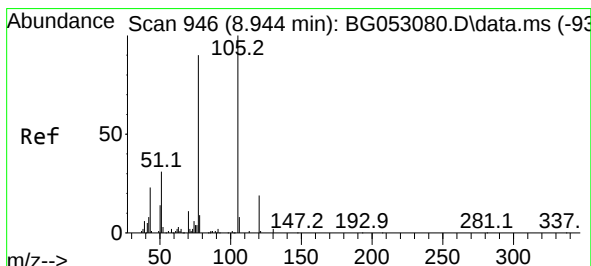
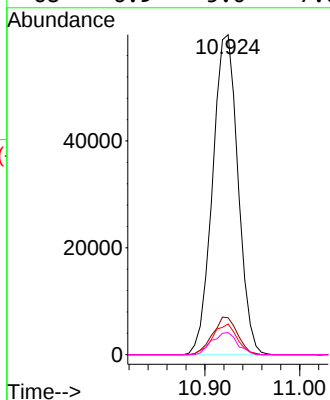
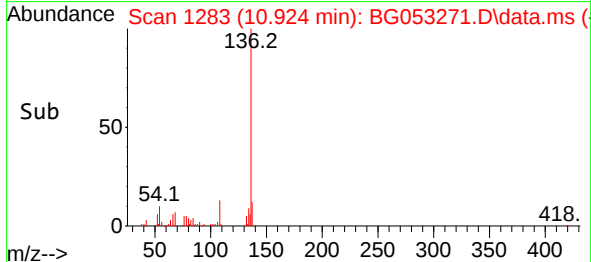
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.6	6.4	9.6
68	6.9	5.0	7.6

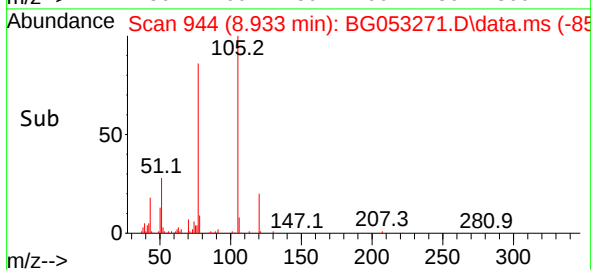
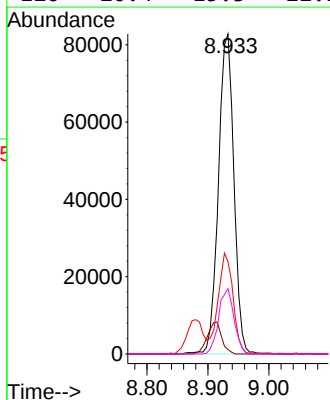
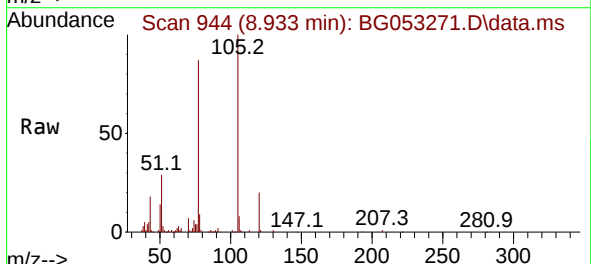
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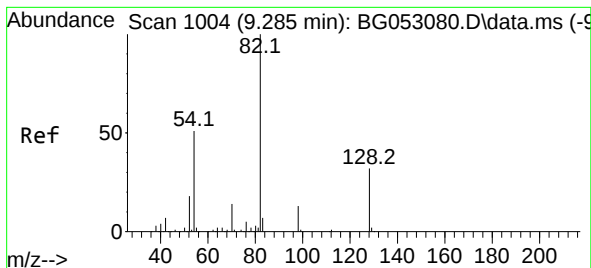
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#22
Acetophenone
Concen: 47.223 ng
RT: 8.933 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.1	3.1#
51	28.9	21.9	32.9
120	20.4	15.3	22.9





#23

Nitrobenzene-d5

Concen: 87.723 ng

RT: 9.274 min Scan# 1002

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

MH-1SMSD

Tgt Ion: 82 Resp: 24095

Ion Ratio Lower Upper

82 100

128 36.1 31.3 46.9

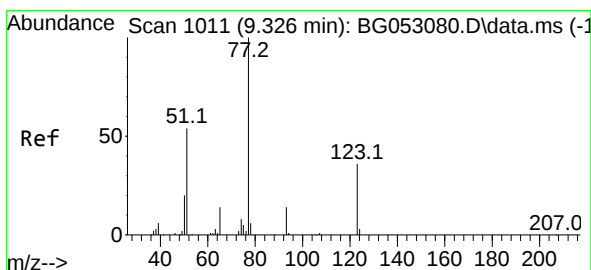
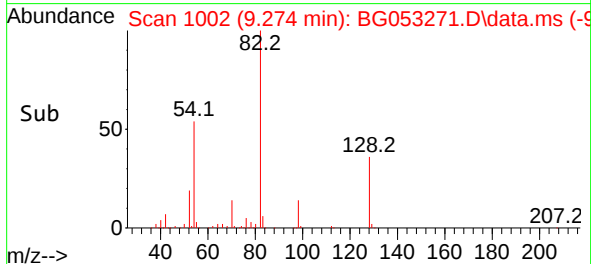
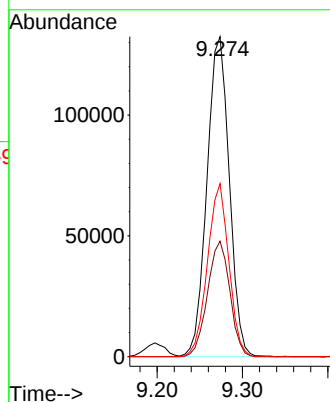
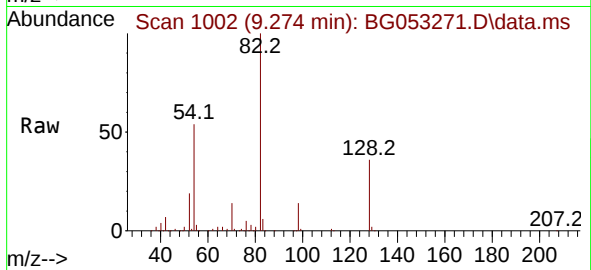
54 54.1 37.8 56.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#24

Nitrobenzene

Concen: 47.135 ng

RT: 9.315 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

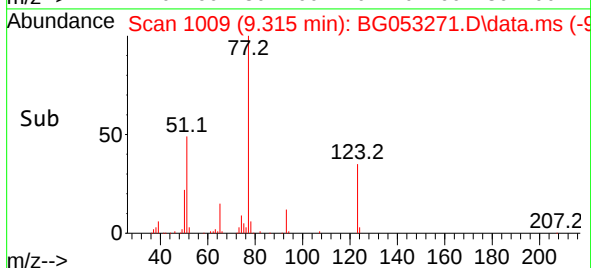
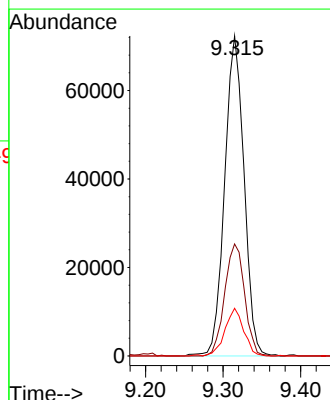
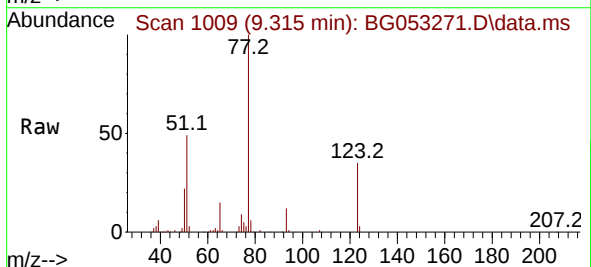
Tgt Ion: 77 Resp: 125933

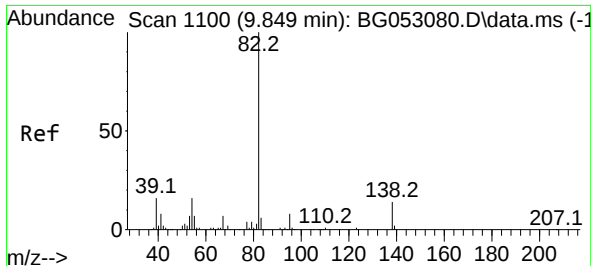
Ion Ratio Lower Upper

77 100

123 35.0 34.4 51.6

65 14.9 11.2 16.8





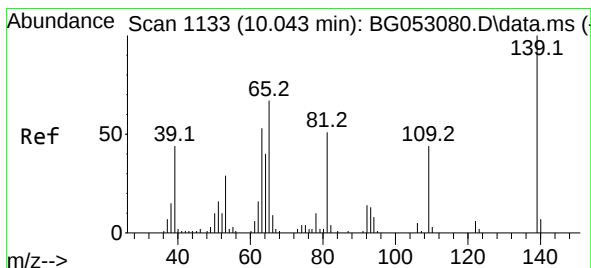
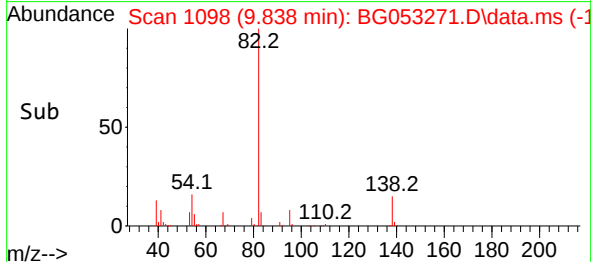
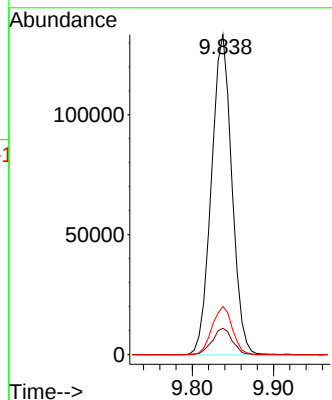
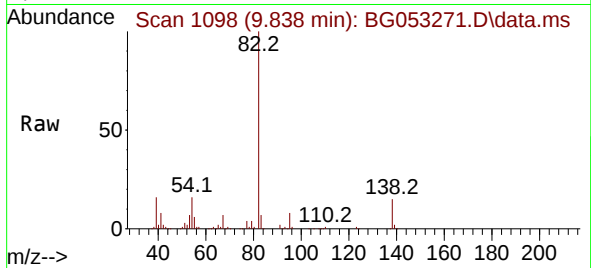
#25
Isophorone
Concen: 49.814 ng
RT: 9.838 min Scan# 1109
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion: 82 Resp: 232569
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.6
138 15.1 12.6 18.8

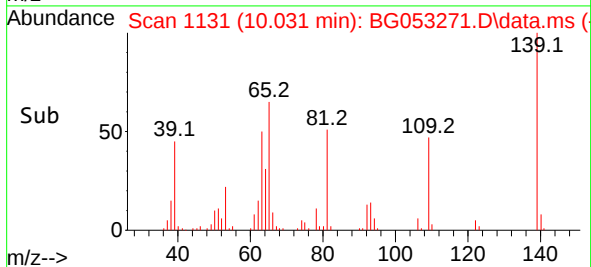
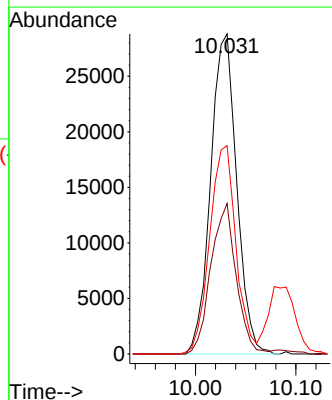
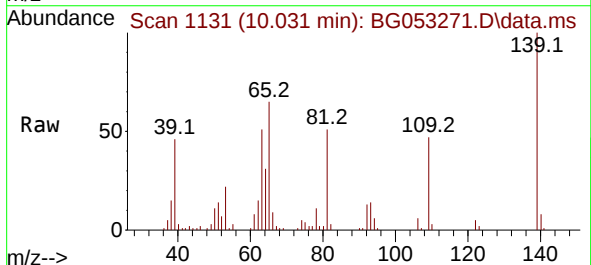
Manual Integrations
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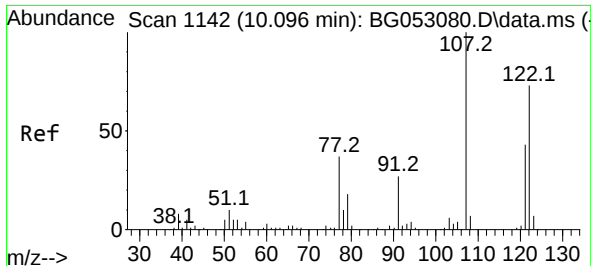
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#26
2-Nitrophenol
Concen: 46.439 ng
RT: 10.031 min Scan# 1131
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion:139 Resp: 51882
Ion Ratio Lower Upper
139 100
109 47.0 29.4 44.0#
65 65.1 48.2 72.2





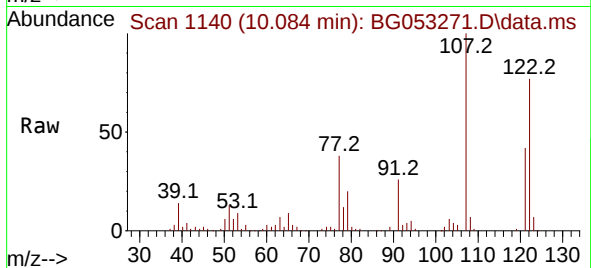
#27
2,4-Dimethylphenol
Concen: 55.833 ng
RT: 10.084 min Scan# 1142
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

MH-1SMSD

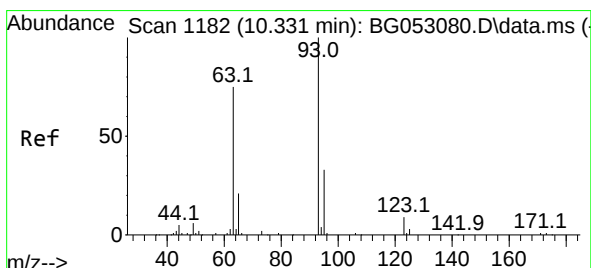
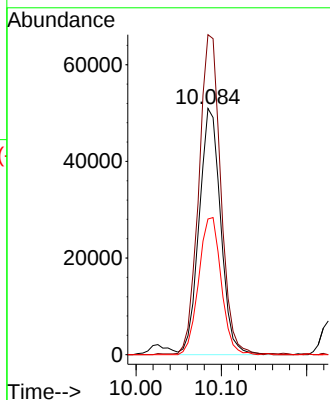
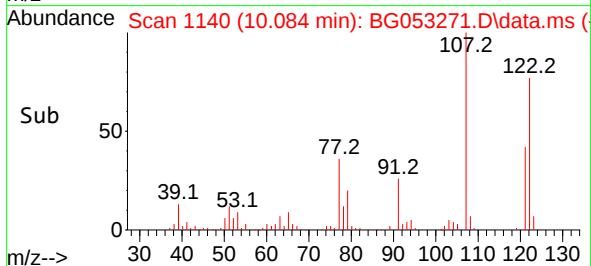


Tgt Ion:122 Resp: 8933
Ion Ratio Lower Upper
122 100
107 130.0 96.7 145.1
121 55.1 46.3 69.5

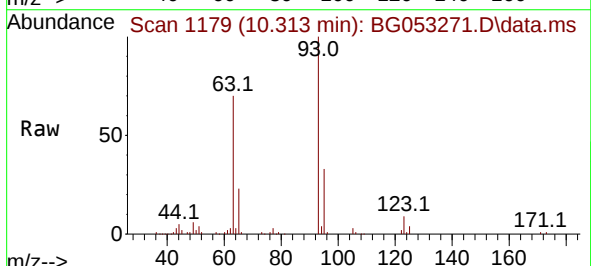
Manual Integrations

APPROVED

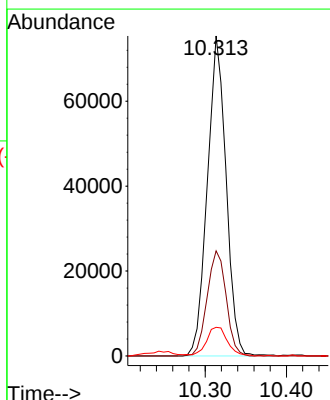
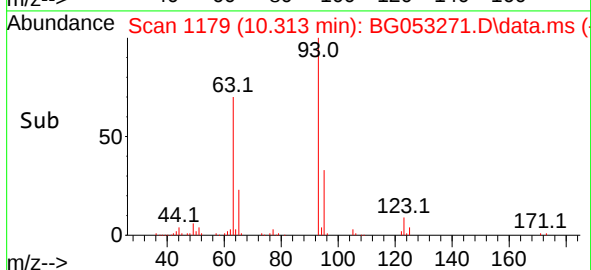
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

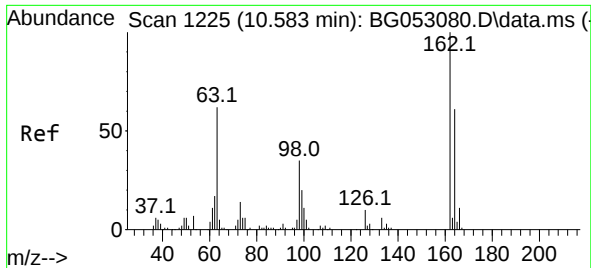


#28
bis(2-Chloroethoxy)methane
Concen: 46.055 ng
RT: 10.313 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



Tgt Ion: 93 Resp: 120799
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 8.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 50.079 ng

RT: 10.572 min Scan# 1223

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

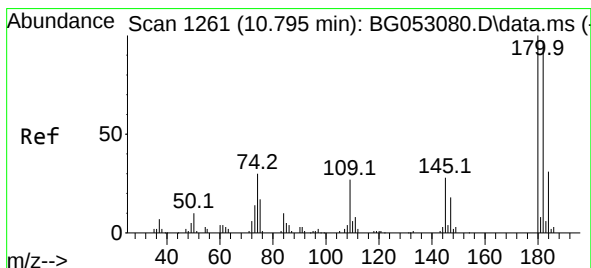
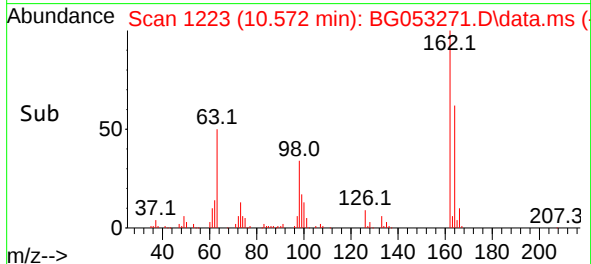
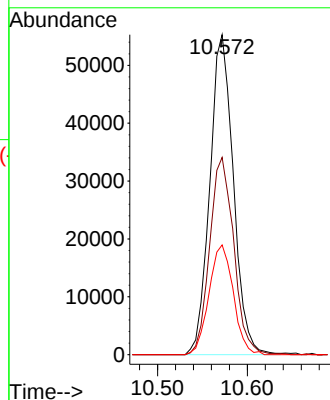
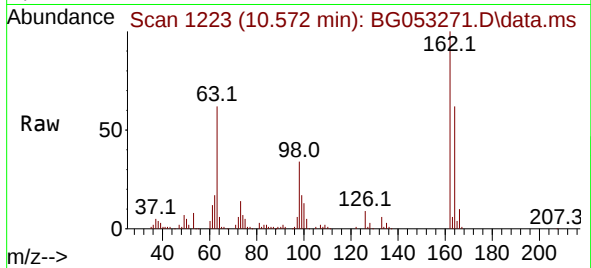
MH-1SMSD

Tgt Ion:162 Resp: 100733
 Ion Ratio Lower Upper
 162 100
 164 61.7 44.0 84.0
 98 34.3 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.390 ng

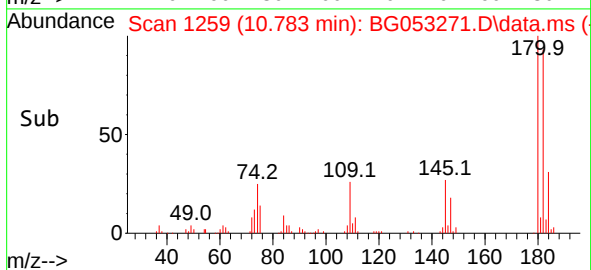
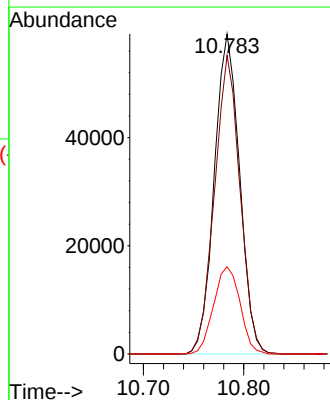
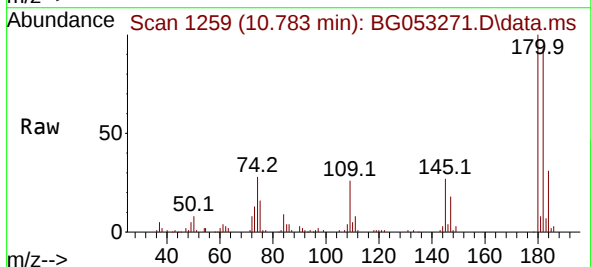
RT: 10.783 min Scan# 1259

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

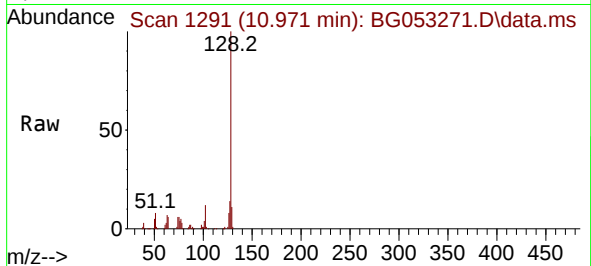
Tgt Ion:180 Resp: 103335
 Ion Ratio Lower Upper
 180 100
 182 93.3 77.8 116.6
 145 27.2 24.4 36.6





#31
Naphthalene
Concen: 45.963 ng
RT: 10.971 min Scan# 1294
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

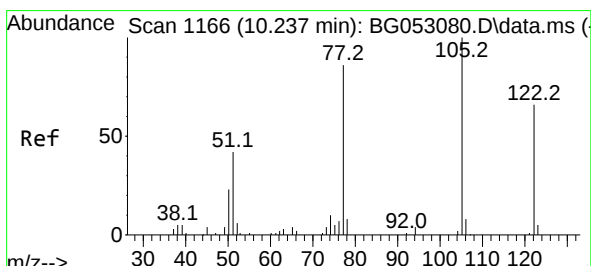
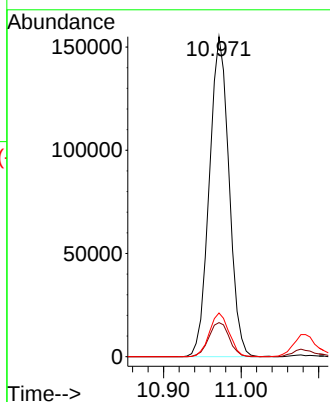
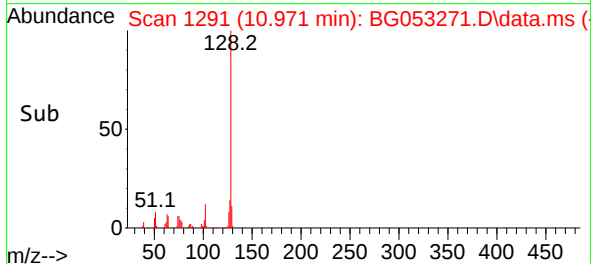
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion:128 Resp: 273498
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.6 10.5 15.7

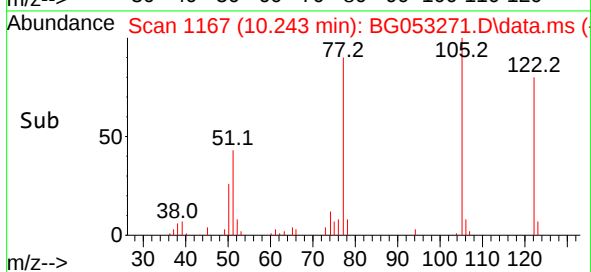
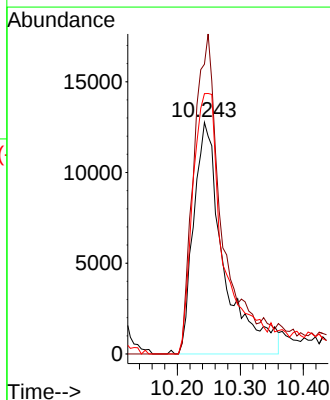
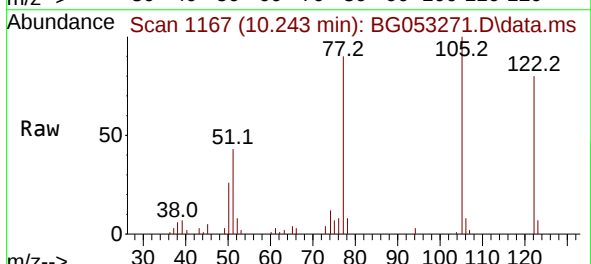
Manual Integrations
APPROVED

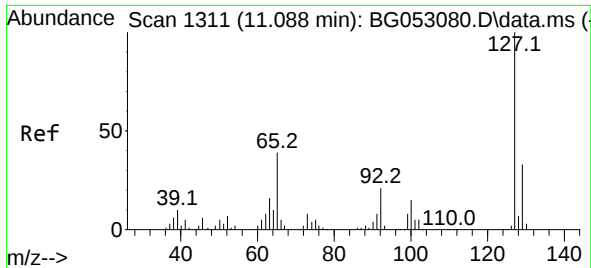
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#32
Benzoic acid
Concen: 41.252 ng m
RT: 10.243 min Scan# 1167
Delta R.T. 0.009 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

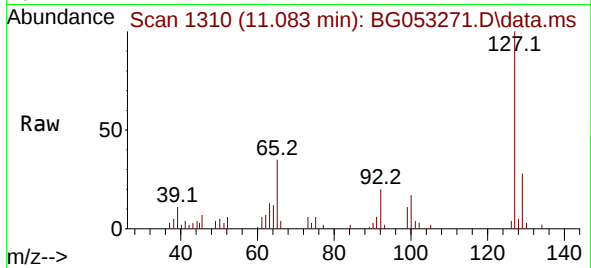
Tgt Ion:122 Resp: 42382
Ion Ratio Lower Upper
122 100
105 125.1 112.8 152.8
77 112.4 78.4 118.4





#33
4-Chloroaniline
Concen: 9.488 ng
RT: 11.083 min Scan# 1108
Delta R.T. 0.009 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

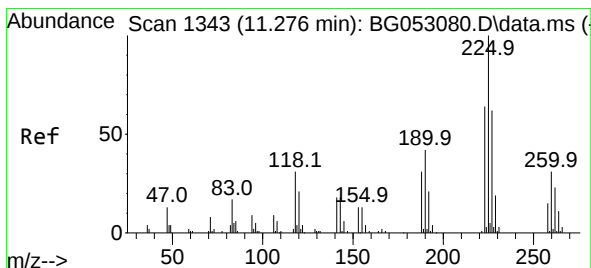
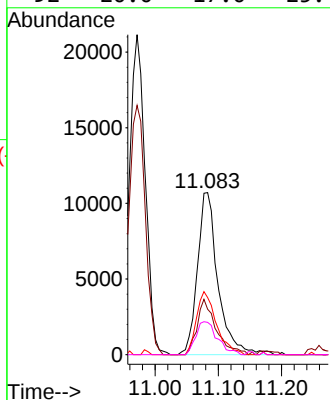
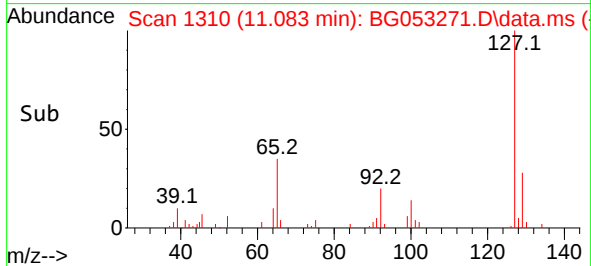
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



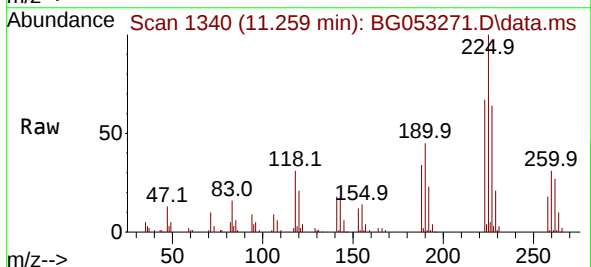
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.0	27.6	41.4
65	35.2	28.2	42.4
92	20.0	17.0	25.4

Manual Integrations
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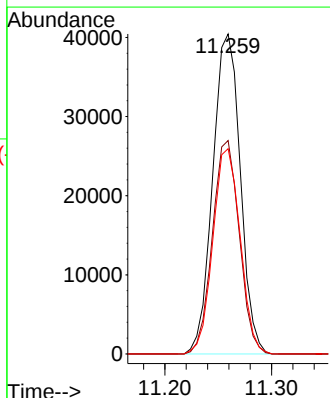
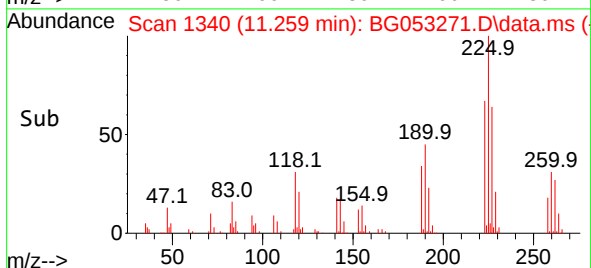
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

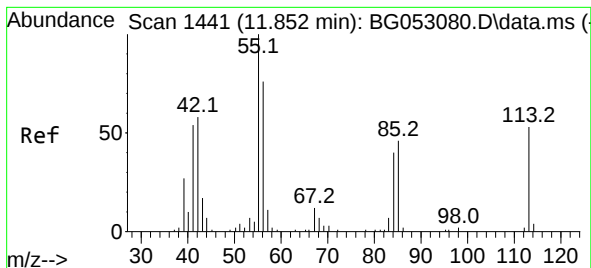


#34
Hexachlorobutadiene
Concen: 42.859 ng
RT: 11.259 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



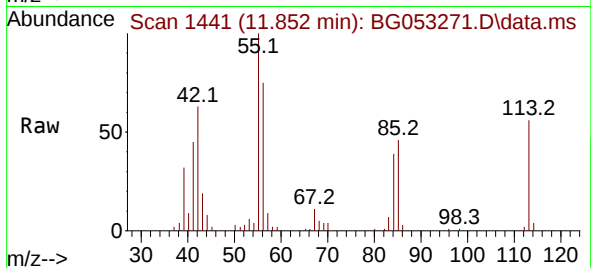
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.2	75.2
227	64.1	52.0	78.0





#35
Caprolactam
Concen: 42.110 ng m
RT: 11.852 min Scan# 1441
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

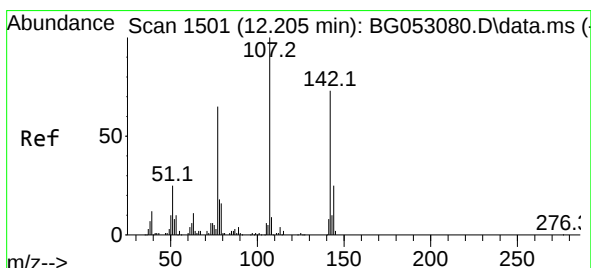
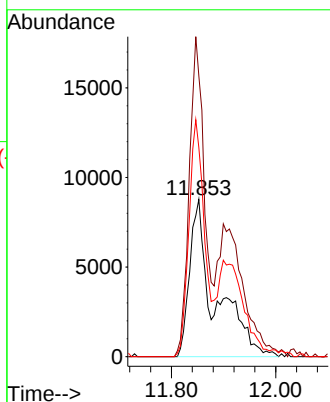
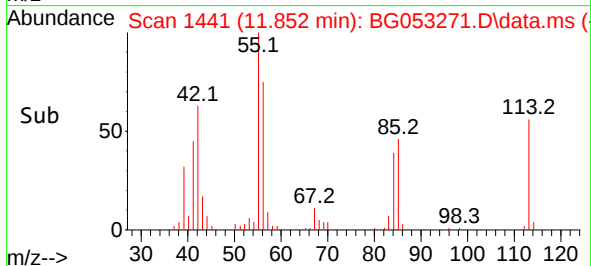
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



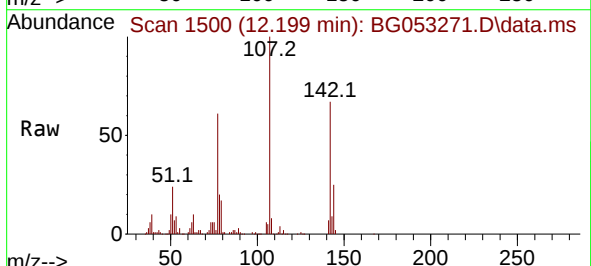
Tgt Ion:113 Resp: 2985
Ion Ratio Lower Upper
113 100
55 178.6 151.3 191.3
56 133.0 128.5 168.5

Manual Integrations
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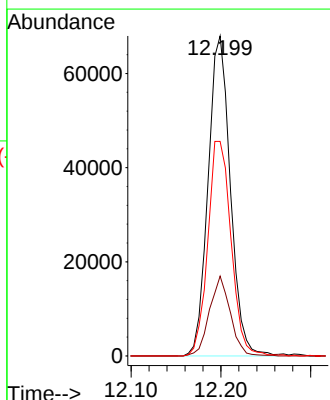
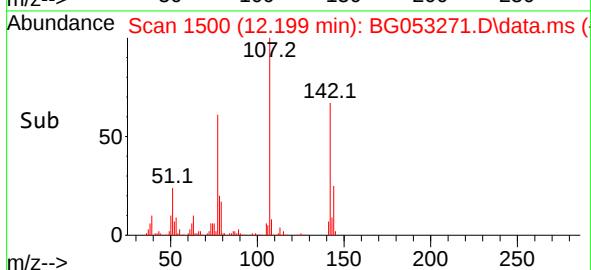
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

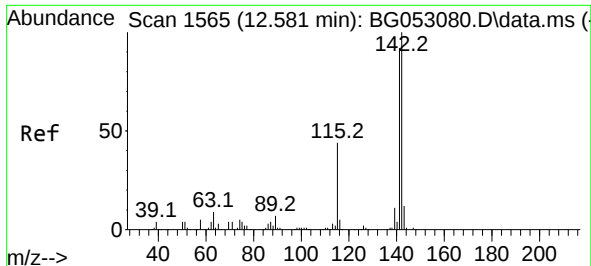


#36
4-Chloro-3-methylphenol
Concen: 49.973 ng
RT: 12.199 min Scan# 1500
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



Tgt Ion:107 Resp: 117027
Ion Ratio Lower Upper
107 100
144 24.9 21.4 32.0
142 67.1 61.7 92.5





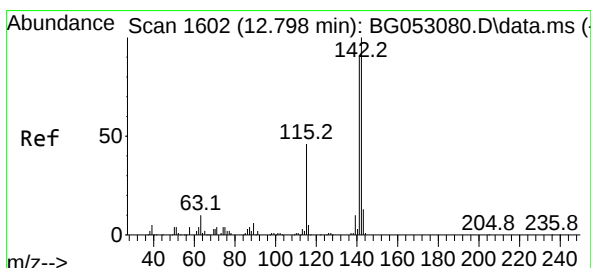
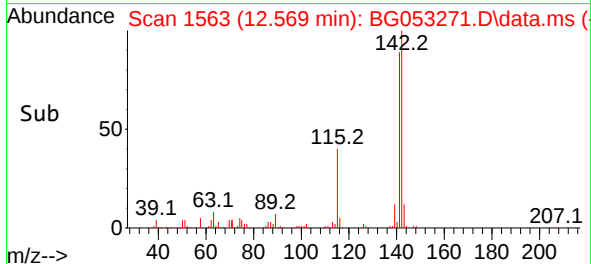
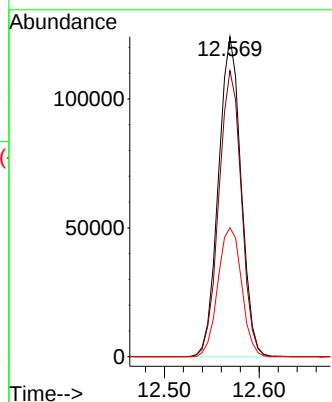
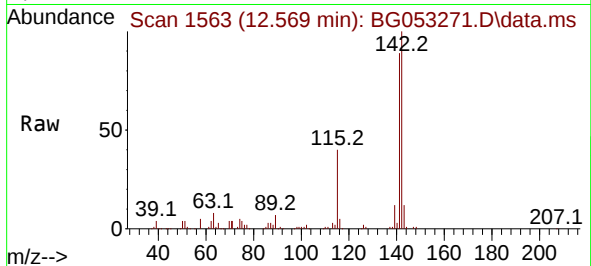
#37
2-Methylnaphthalene
Concen: 46.714 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion:142 Resp: 20568
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 40.3 29.5 44.3

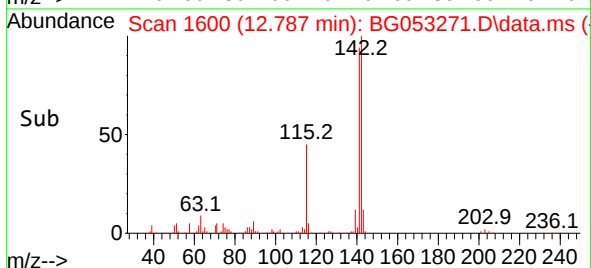
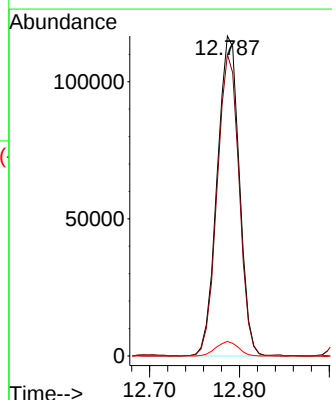
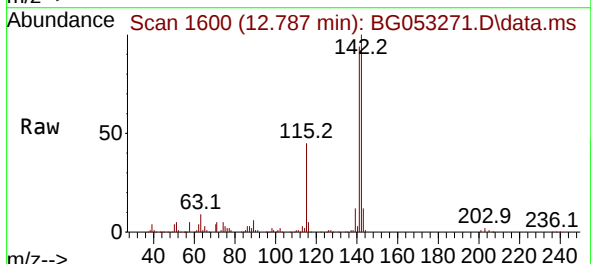
Manual Integrations
APPROVED

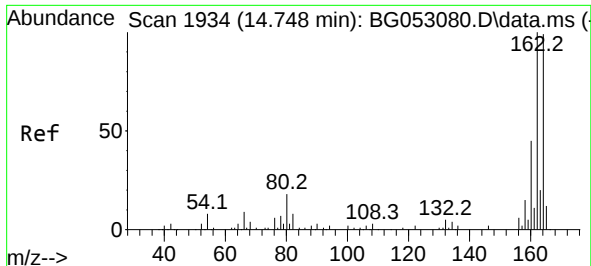
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#38
1-Methylnaphthalene
Concen: 46.409 ng
RT: 12.787 min Scan# 1600
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

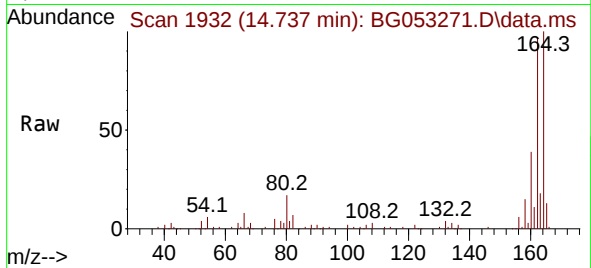
Tgt Ion:142 Resp: 199456
Ion Ratio Lower Upper
142 100
141 94.2 70.5 105.7
116 4.5 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1934
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

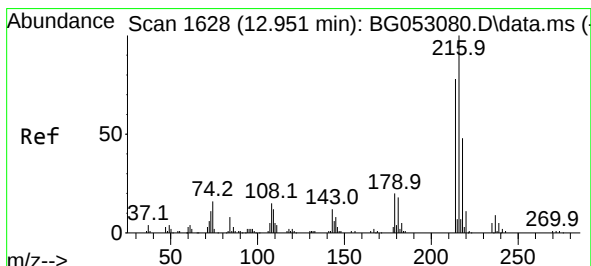
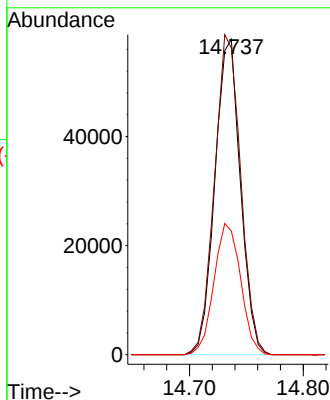
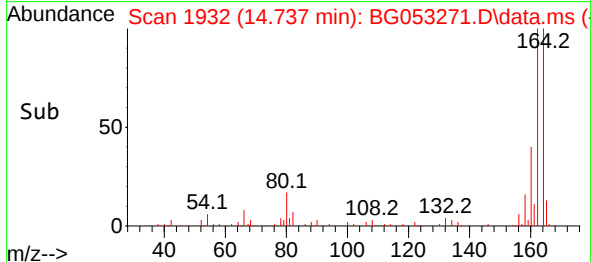
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



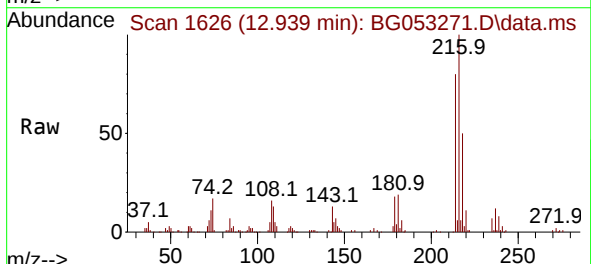
Tgt Ion:164 Resp: 8986
Ion Ratio Lower Upper
164 100
162 97.3 80.0 120.0
160 39.2 38.8 58.2

Manual Integrations
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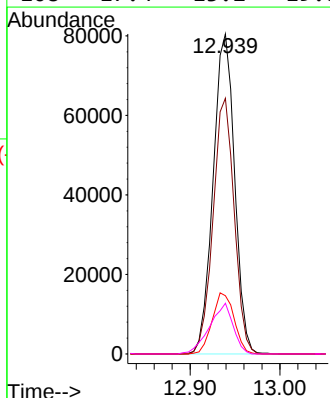
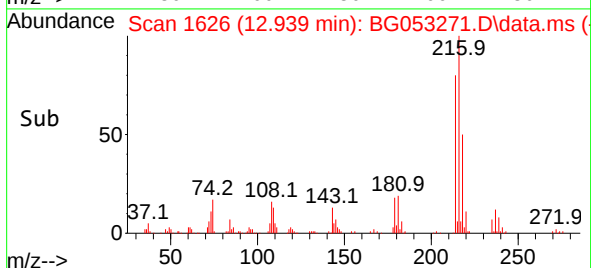
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.772 ng
RT: 12.939 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



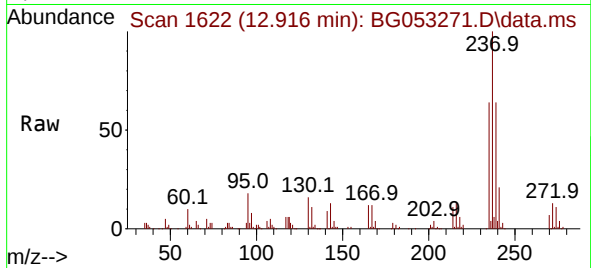
Tgt Ion:216 Resp: 133593
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 19.5 15.7 23.5
108 17.4 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 87.145 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

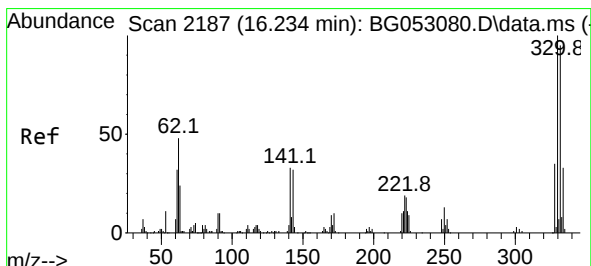
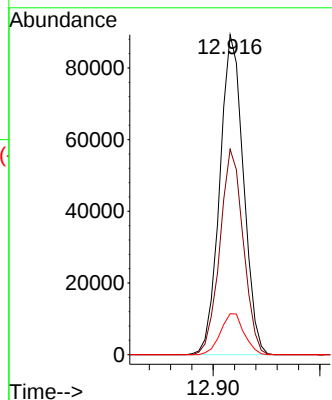
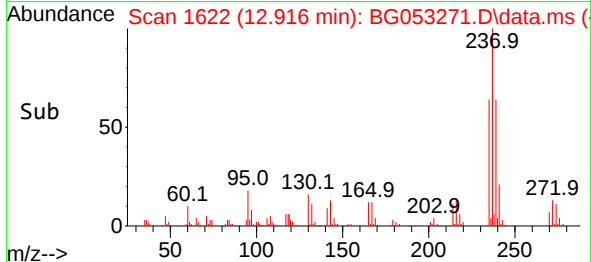
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



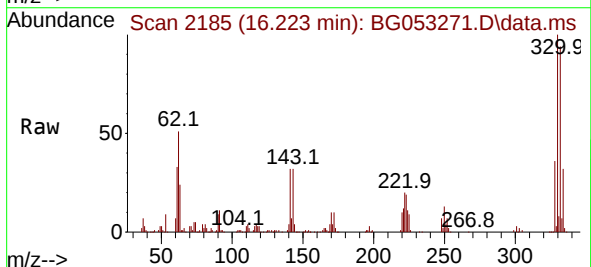
Tgt Ion:237 Resp: 137297
Ion Ratio Lower Upper
237 100
235 64.2 37.7 77.7
272 12.8 0.0 30.7

Manual Integrations
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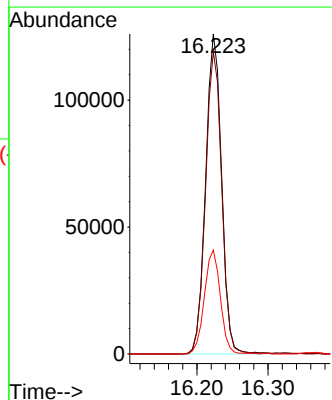
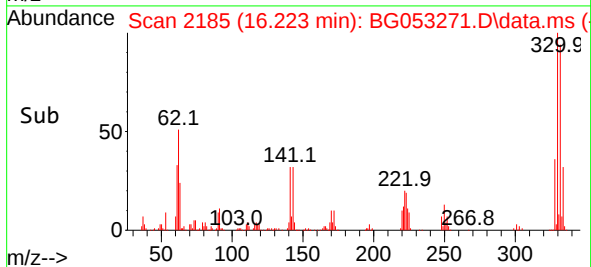
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

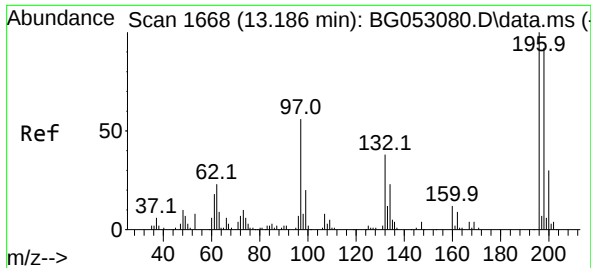


#42
2,4,6-Tribromophenol
Concen: 138.020 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



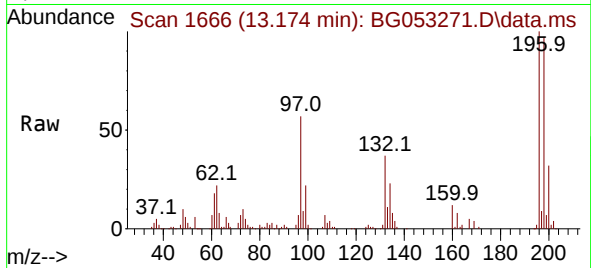
Tgt Ion:330 Resp: 197320
Ion Ratio Lower Upper
330 100
332 95.3 75.8 113.6
141 32.5 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 44.876 ng
RT: 13.174 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

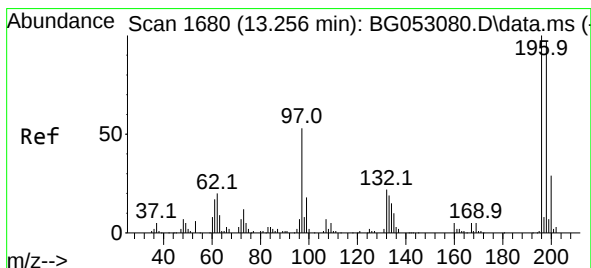
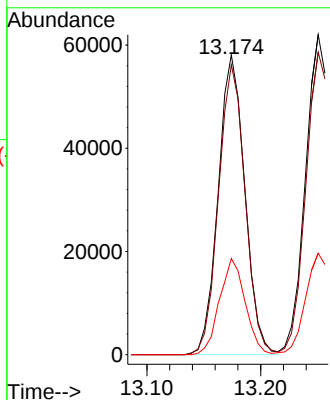
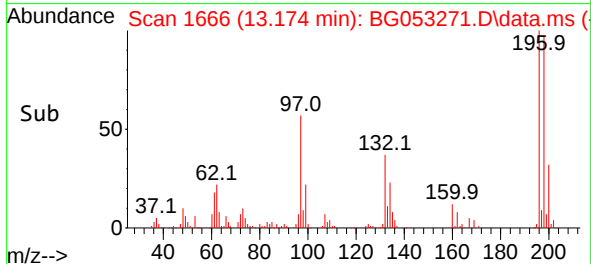
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion:196 Resp: 9443
Ion Ratio Lower Upper
196 100
198 96.7 78.8 118.2
200 32.1 25.1 37.7

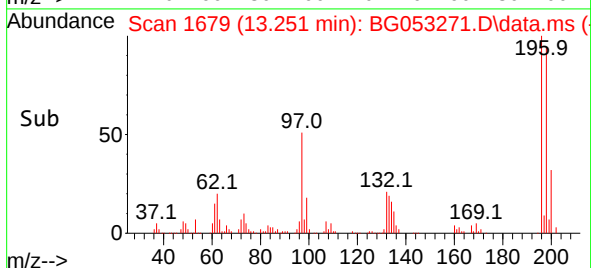
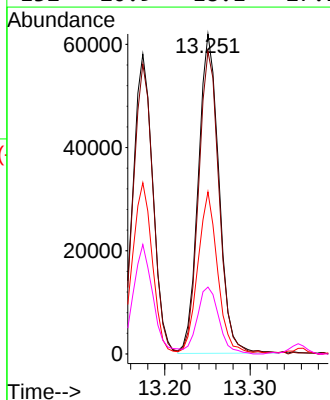
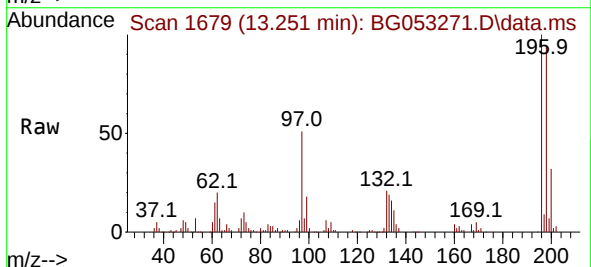
Manual Integrations
APPROVED

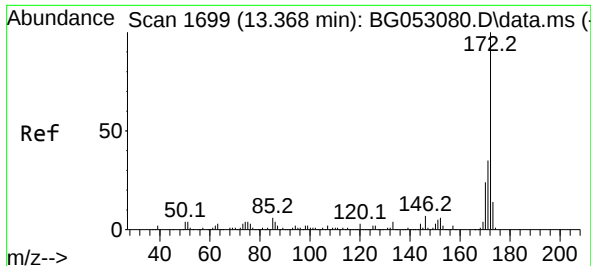
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#44
2,4,5-Trichlorophenol
Concen: 46.450 ng
RT: 13.251 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

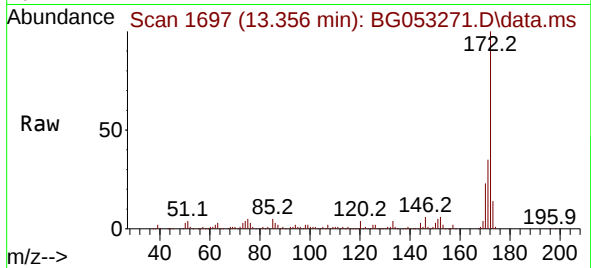
Tgt Ion:196 Resp: 104155
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
97 50.6 36.5 54.7
132 20.9 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 82.836 ng
RT: 13.356 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

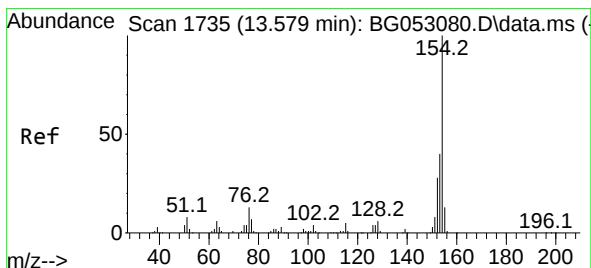
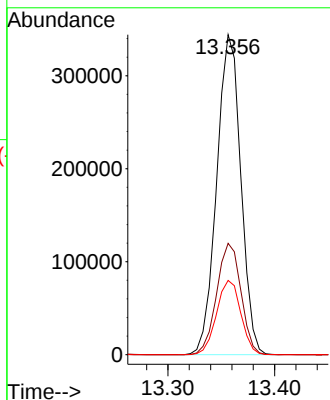
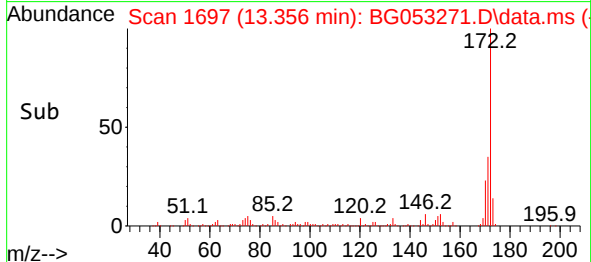
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



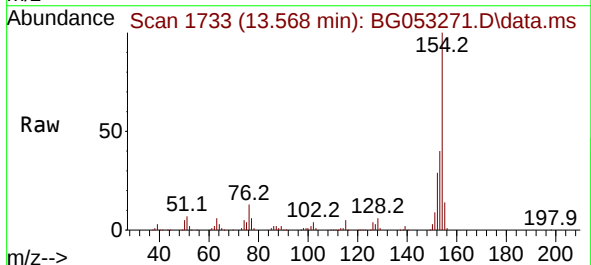
Tgt Ion:172 Resp: 53983
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 18.0 27.0

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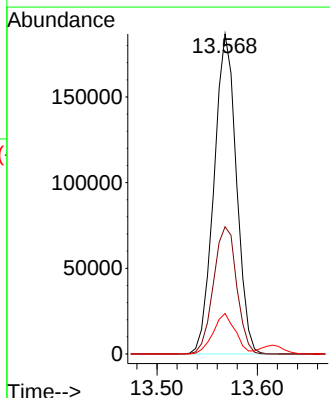
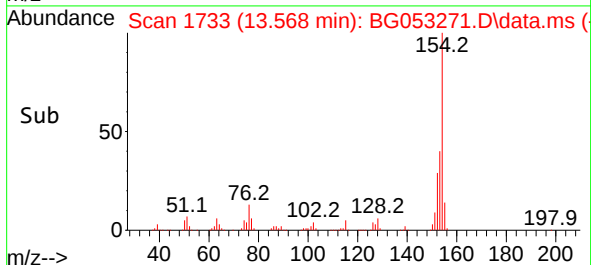
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

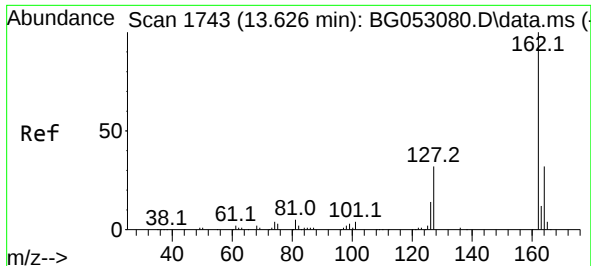


#46
1,1'-Biphenyl
Concen: 44.732 ng
RT: 13.568 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



Tgt Ion:154 Resp: 289470
Ion Ratio Lower Upper
154 100
153 39.8 21.6 61.6
76 12.6 0.0 31.5





#47

2-Chloronaphthalene

Concen: 44.003 ng

RT: 13.615 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

MH-1SMSD

Tgt Ion:162 Resp: 22718

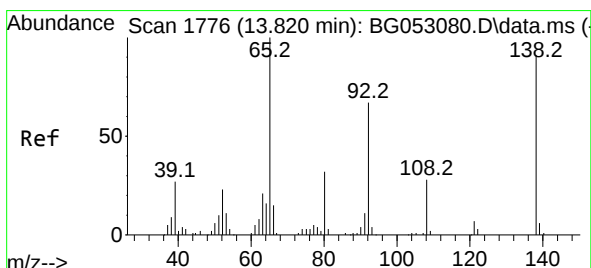
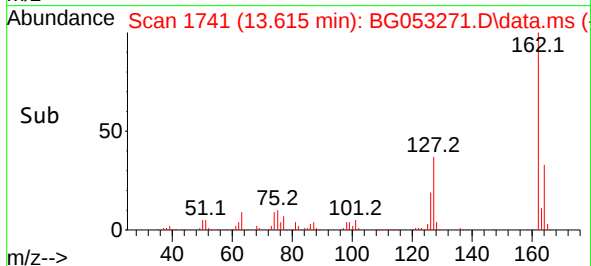
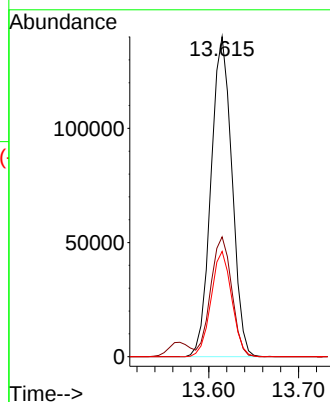
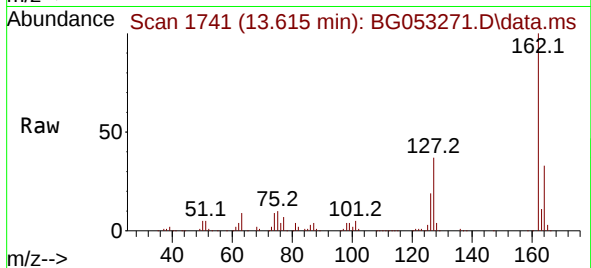
Ion	Ratio	Lower	Upper
162	100		
127	37.4	28.1	42.1
164	32.9	26.0	39.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#48

2-Nitroaniline

Concen: 46.800 ng

RT: 13.809 min Scan# 1774

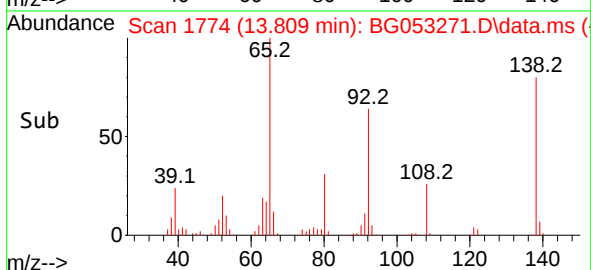
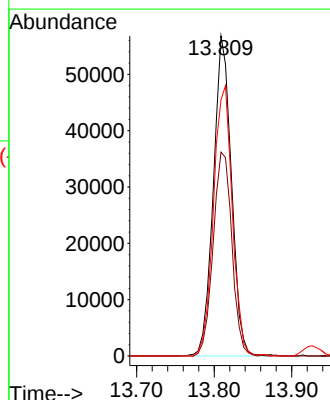
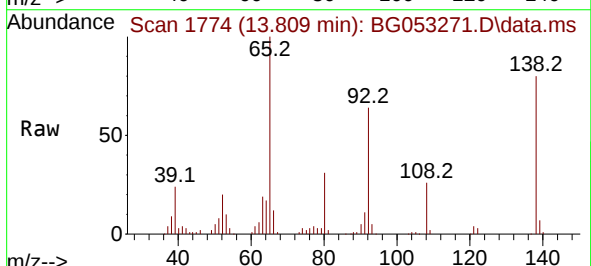
Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

Tgt Ion: 65 Resp: 91696

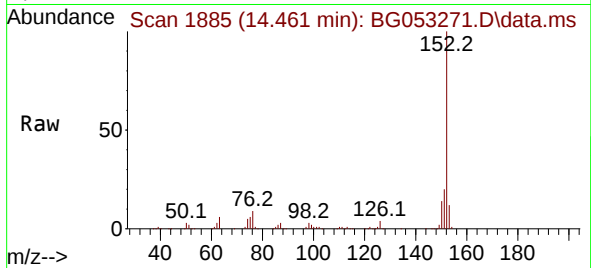
Ion	Ratio	Lower	Upper
65	100		
92	63.7	52.1	78.1
138	80.1	80.1	120.1#





#49
Acenaphthylene
Concen: 48.505 ng
RT: 14.461 min Scan# 1885
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

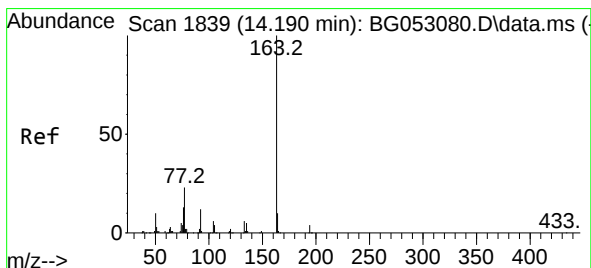
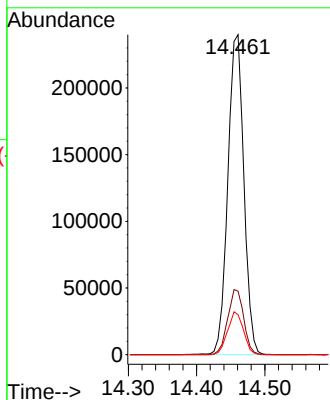
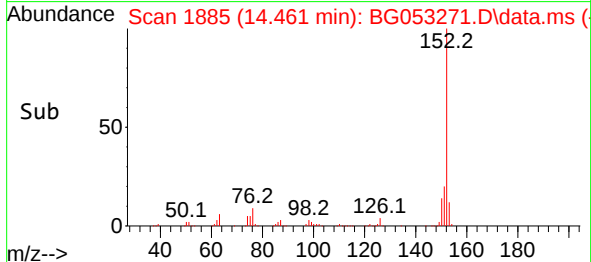
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



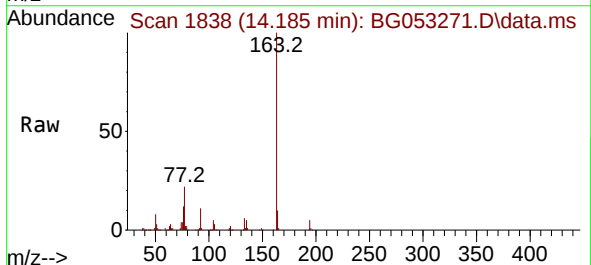
Tgt Ion:152 Resp: 392011
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.5 10.6 15.8

Manual Integrations
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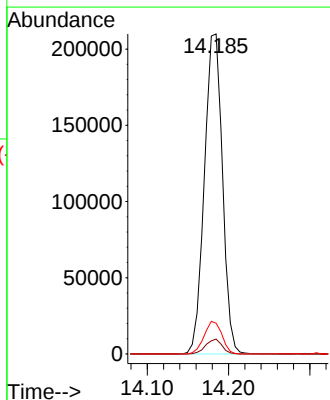
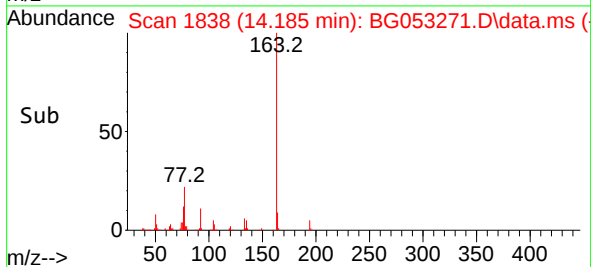
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

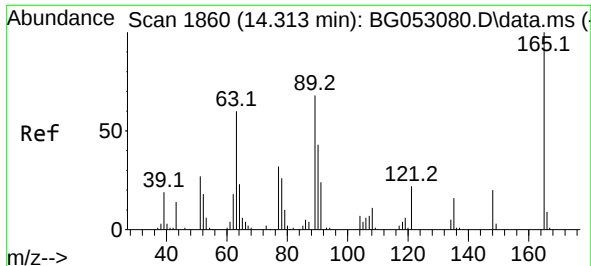


#50
Dimethylphthalate
Concen: 45.039 ng
RT: 14.185 min Scan# 1838
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



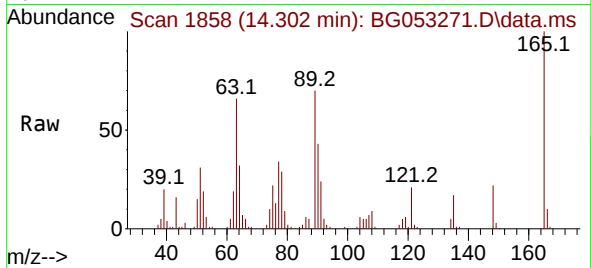
Tgt Ion:163 Resp: 323712
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 48.064 ng
RT: 14.302 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

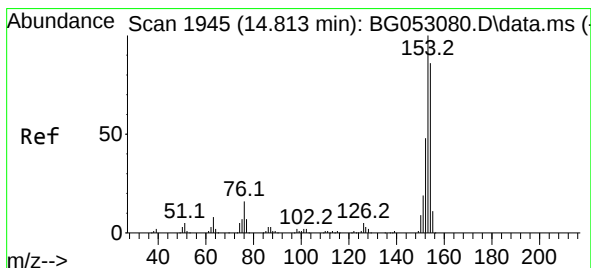
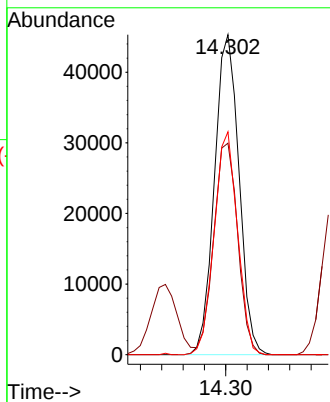
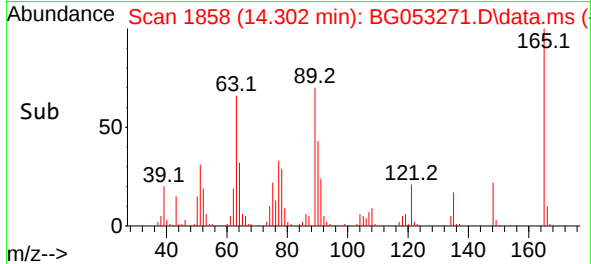
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



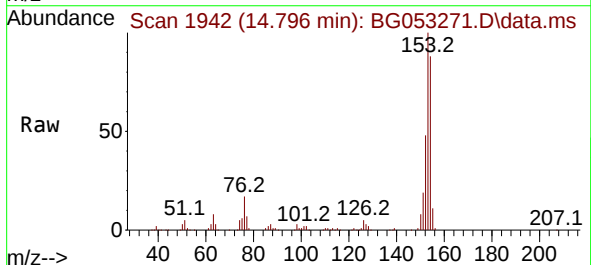
Tgt Ion:165 Resp: 72069
Ion Ratio Lower Upper
165 100
63 66.1 43.7 65.5
89 69.7 45.0 67.4

Manual Integrations
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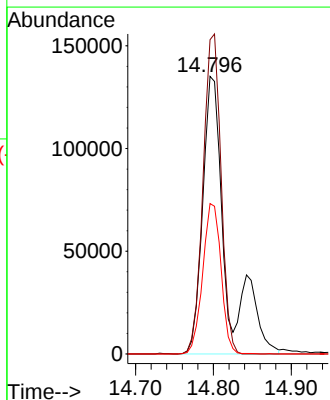
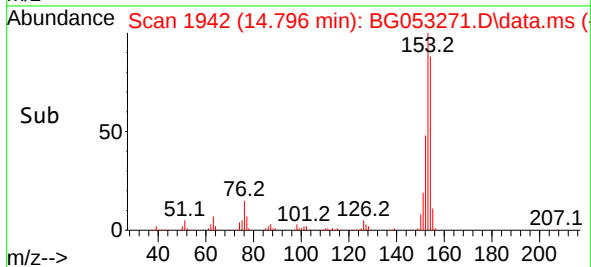
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

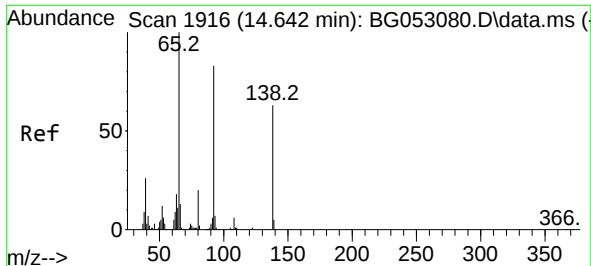


#52
Acenaphthene
Concen: 51.426 ng m
RT: 14.796 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



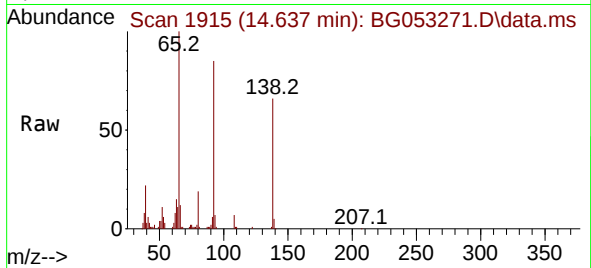
Tgt Ion:154 Resp: 281855
Ion Ratio Lower Upper
154 100
153 113.2 89.0 133.4
152 54.2 40.5 60.7





#53
3-Nitroaniline
Concen: 25.115 ng
RT: 14.637 min Scan# 1915
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

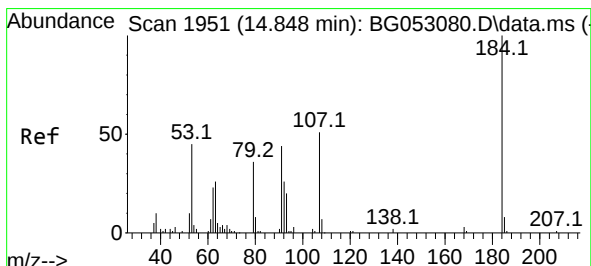
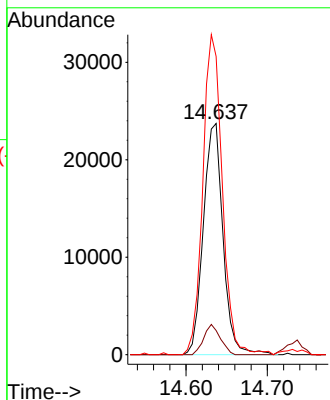
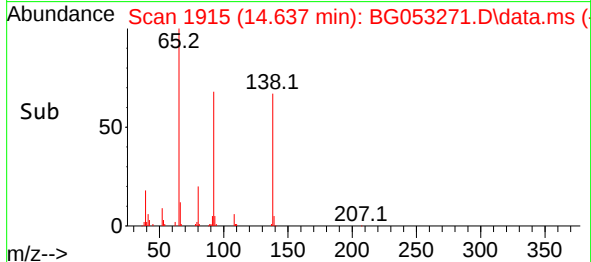
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion:138 Resp: 39820
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 129.0 96.2 144.2

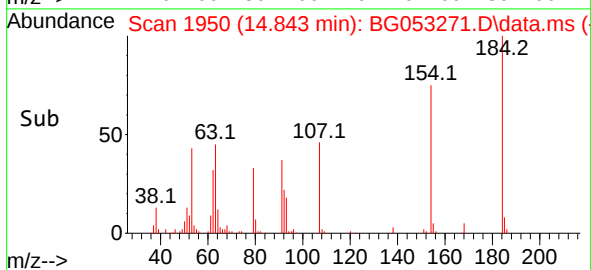
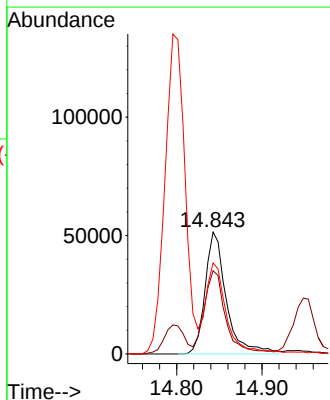
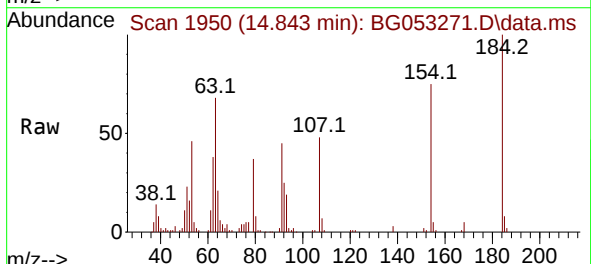
Manual Integrations
APPROVED

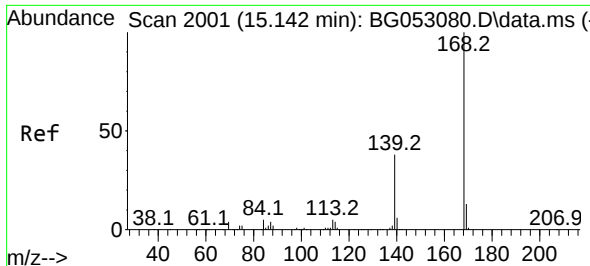
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#54
2,4-Dinitrophenol
Concen: 93.265 ng
RT: 14.843 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

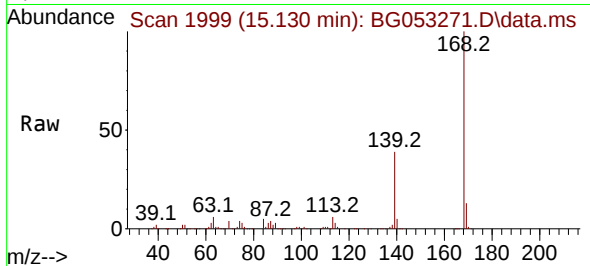
Tgt Ion:184 Resp: 88980
Ion Ratio Lower Upper
184 100
63 68.2 51.8 77.6
154 74.7 47.8 71.6#





#55
Dibenzofuran
Concen: 44.232 ng
RT: 15.130 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

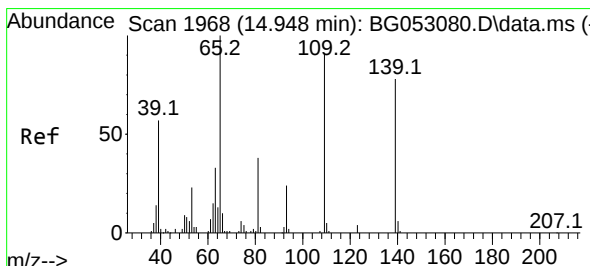
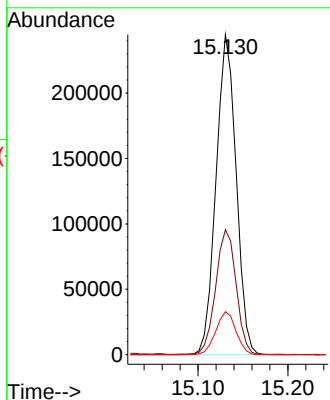
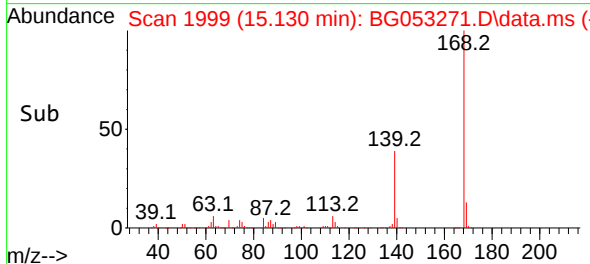
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



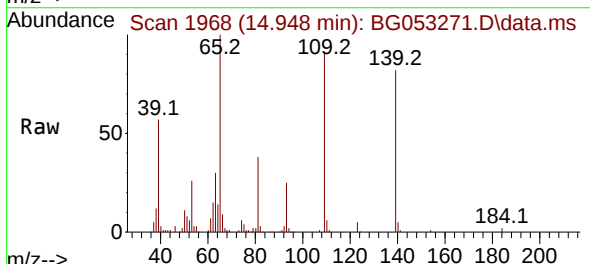
Tgt Ion:168 Resp: 379599
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.4
169 13.4 10.7 16.1

Manual Integrations
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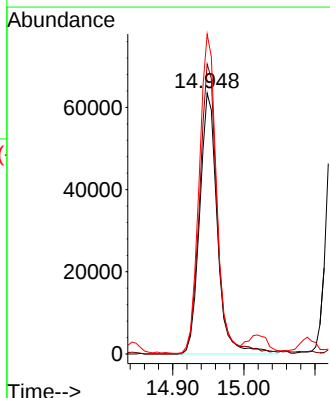
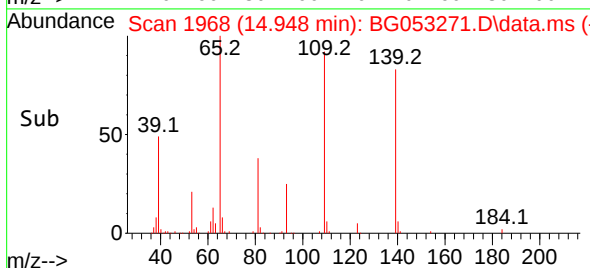
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

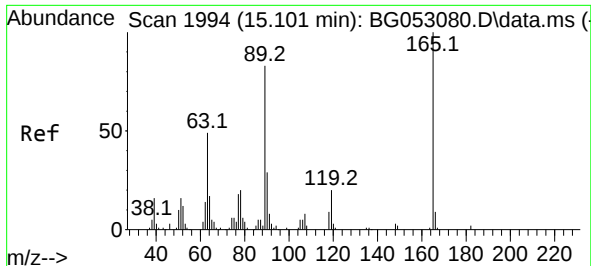


#56
4-Nitrophenol
Concen: 90.794 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



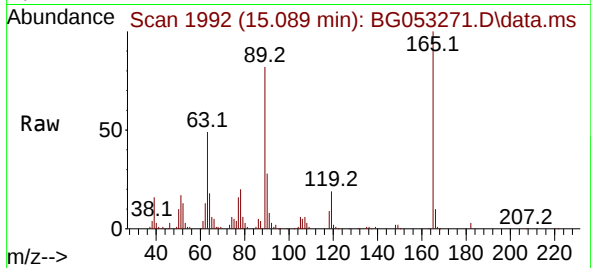
Tgt Ion:139 Resp: 109790
Ion Ratio Lower Upper
139 100
109 111.1 67.1 107.1#
65 122.7 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 48.893 ng
RT: 15.089 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

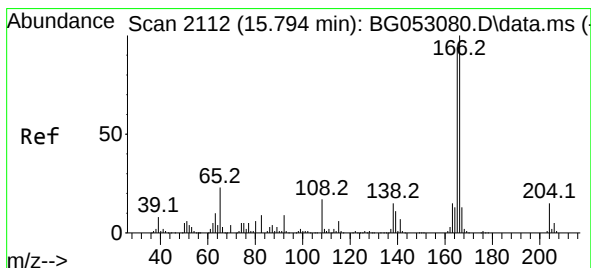
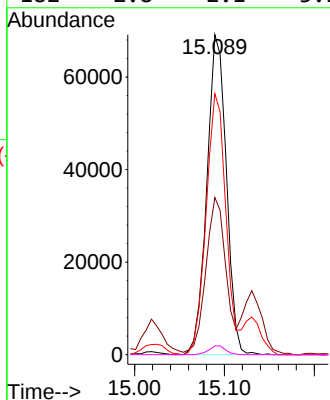
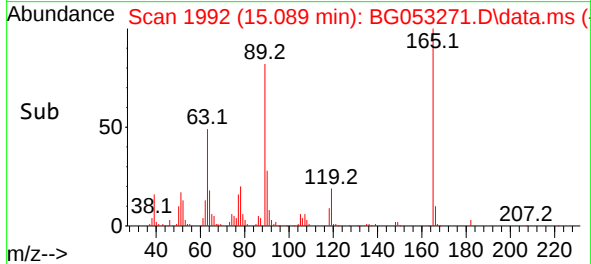
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion:165 Resp: 104374
Ion Ratio Lower Upper
165 100
63 49.1 34.8 52.2
89 81.5 57.4 86.0
182 2.8 2.1 3.1

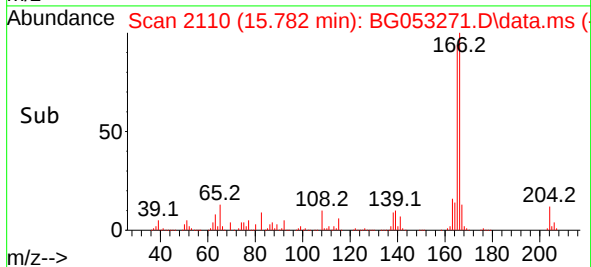
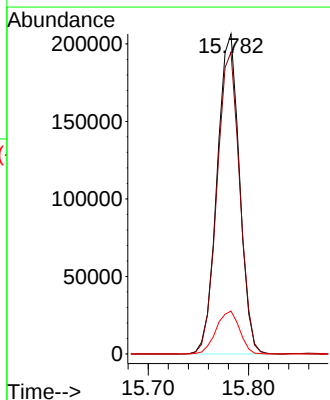
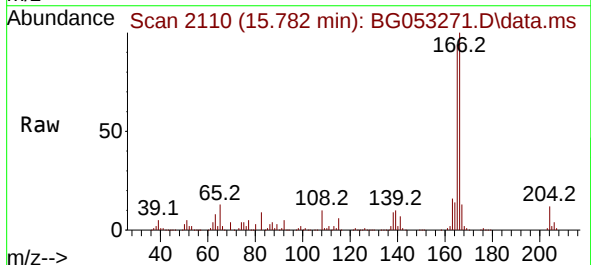
Manual Integrations
APPROVED

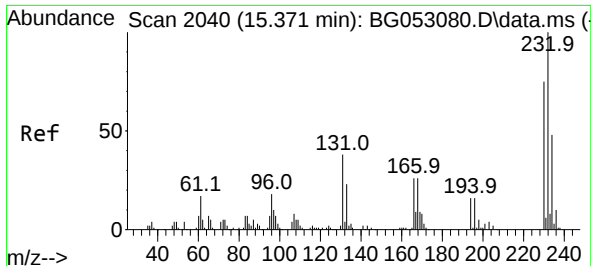
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#58
Fluorene
Concen: 45.887 ng
RT: 15.782 min Scan# 2110
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion:166 Resp: 318061
Ion Ratio Lower Upper
166 100
165 94.3 78.6 117.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.807 ng
RT: 15.360 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

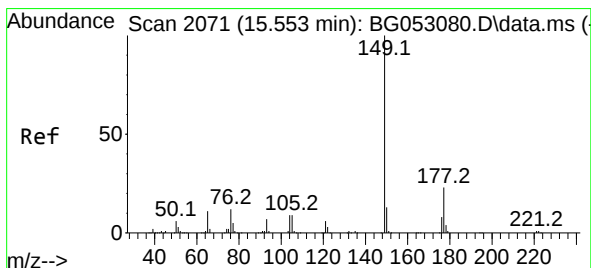
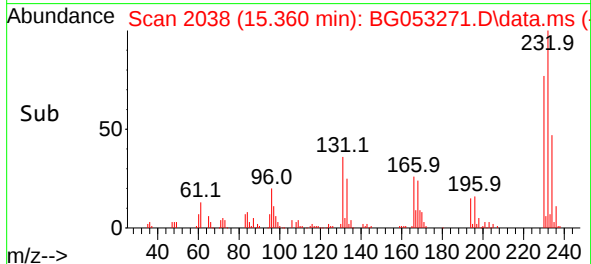
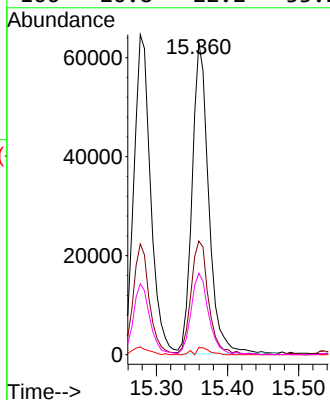
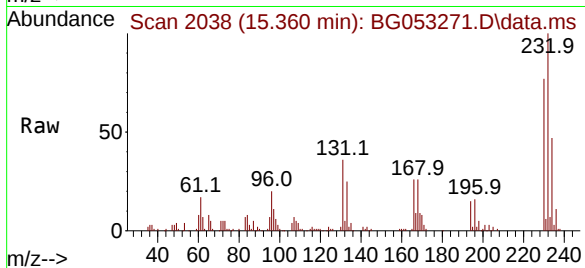
MH-1SMSD

Tgt Ion:232 Resp: 101921
Ion Ratio Lower Upper
232 100
131 38.8 30.1 45.1
130 2.1 1.8 2.8
166 26.8 22.2 33.2

Manual Integrations

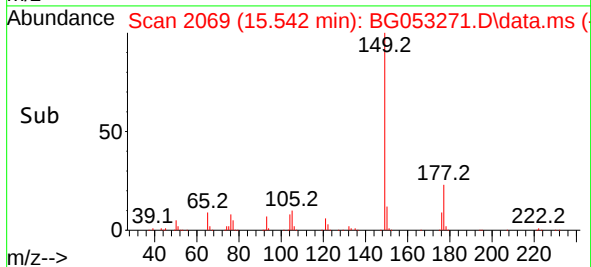
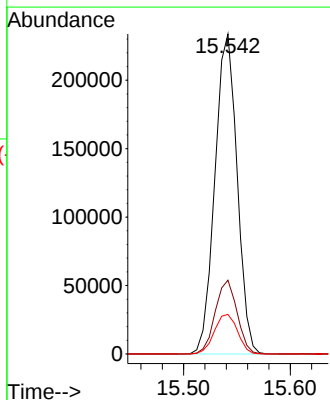
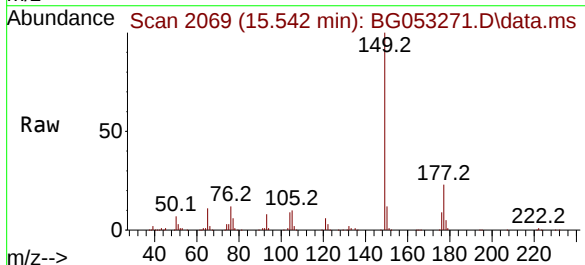
APPROVED

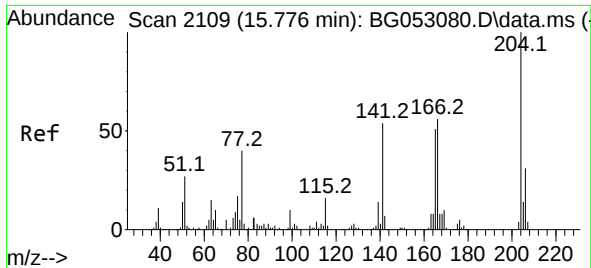
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#60
Diethylphthalate
Concen: 44.801 ng
RT: 15.542 min Scan# 2069
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion:149 Resp: 337382
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.4 9.9 14.9





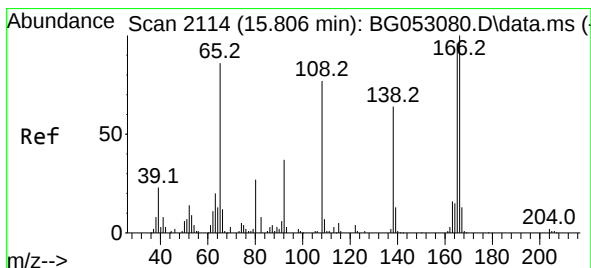
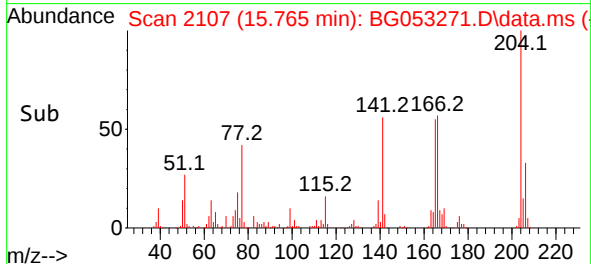
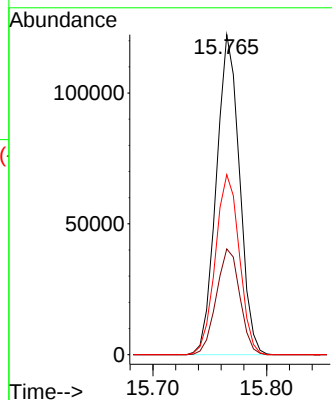
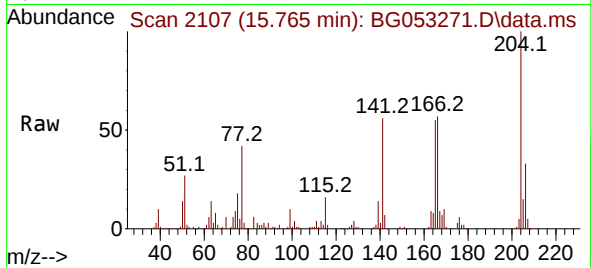
#61
4-Chlorophenyl-phenylether
Concen: 44.051 ng
RT: 15.765 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion:204 Resp: 17308
Ion Ratio Lower Upper
204 100
206 33.0 28.3 42.5
141 56.2 45.8 68.8

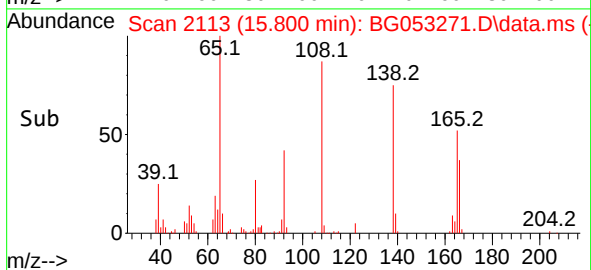
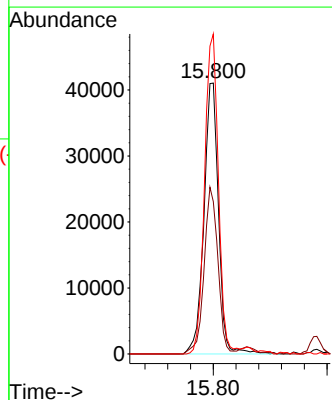
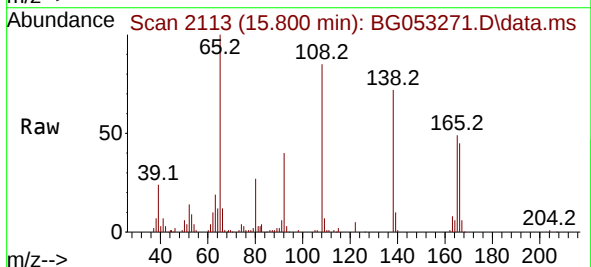
Manual Integrations
APPROVED

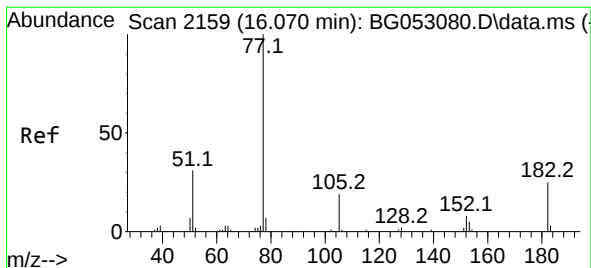
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#62
4-Nitroaniline
Concen: 43.709 ng
RT: 15.800 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Tgt Ion:138 Resp: 73128
Ion Ratio Lower Upper
138 100
92 56.2 33.3 73.3
108 118.1 74.2 114.2#





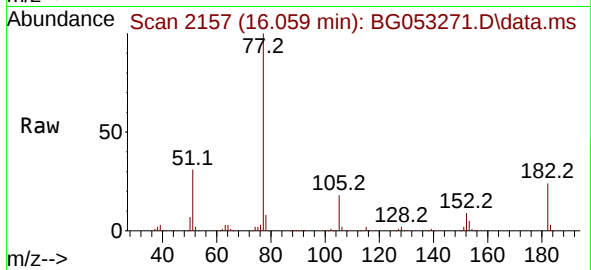
#63
Azobenzene
Concen: 44.176 ng
RT: 16.059 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

MH-1SMSD

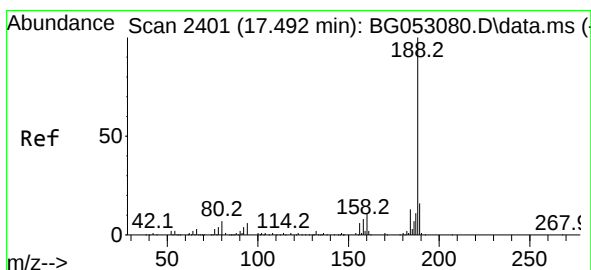
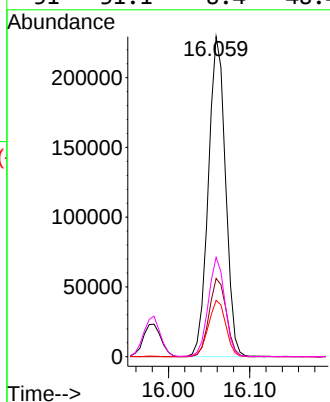
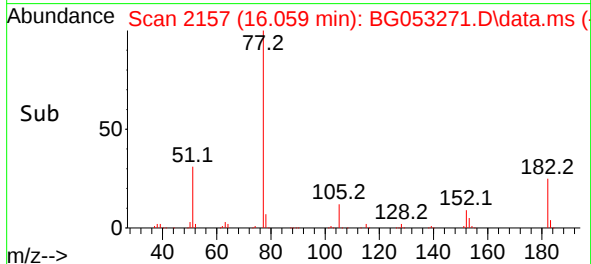


Tgt Ion: 77 Resp: 335400
Ion Ratio Lower Upper
77 100
182 24.4 5.6 45.6
105 17.6 0.0 38.8
51 31.1 8.4 48.4

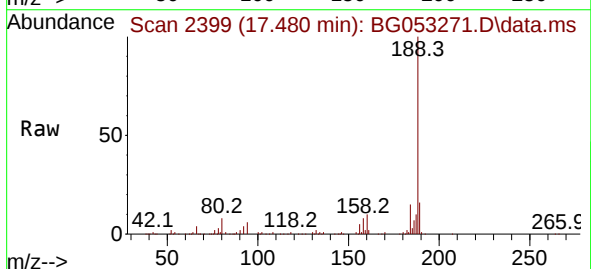
Manual Integrations

APPROVED

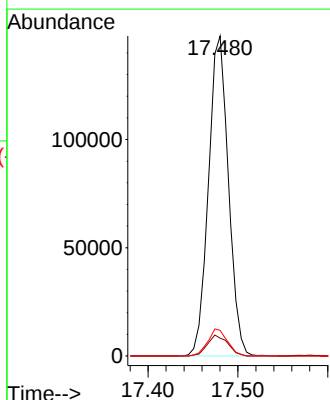
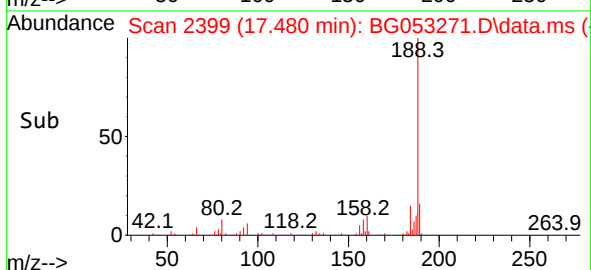
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



Tgt Ion:188 Resp: 227704
Ion Ratio Lower Upper
188 100
94 5.5 5.7 8.5#
80 8.0 7.2 10.8





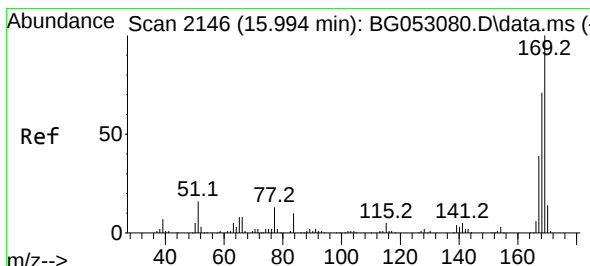
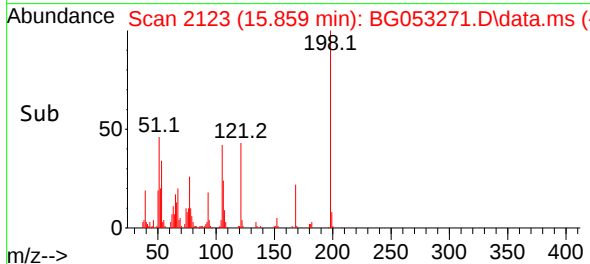
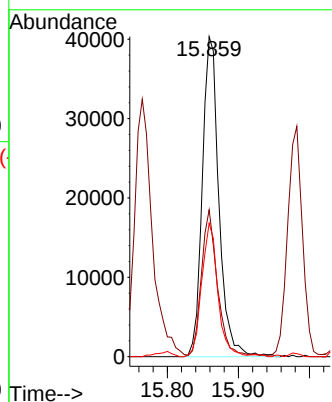
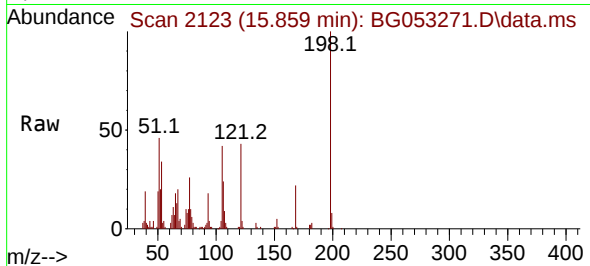
#65
4,6-Dinitro-2-methylphenol
Concen: 41.297 ng
RT: 15.859 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion:198 Resp: 65609
Ion Ratio Lower Upper
198 100
51 45.9 21.7 61.7
105 41.7 20.8 60.8

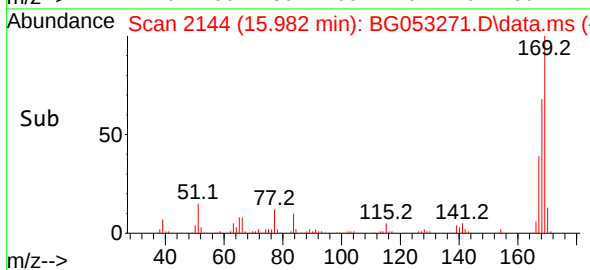
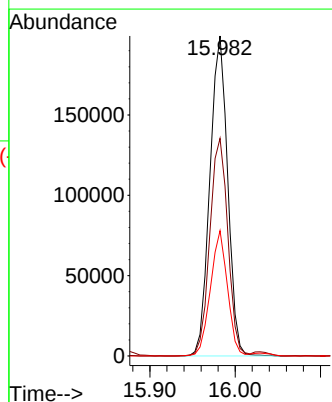
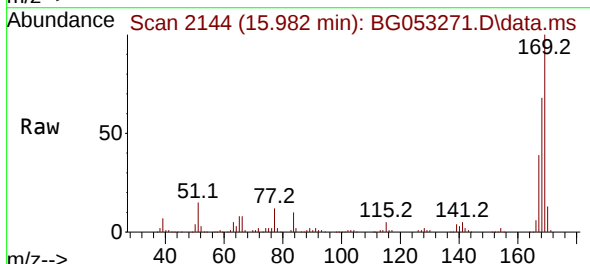
Manual Integrations
APPROVED

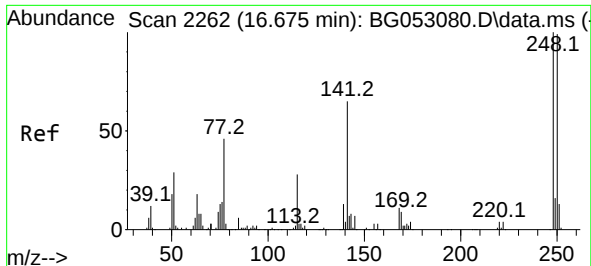
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#66
n-Nitrosodiphenylamine
Concen: 43.969 ng
RT: 15.982 min Scan# 2144
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

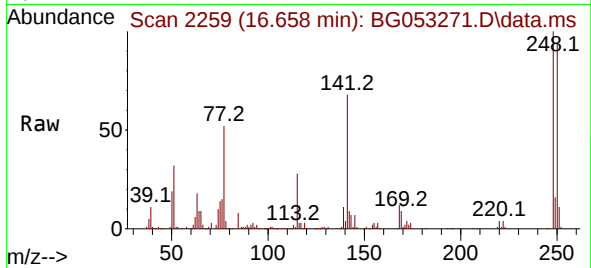
Tgt Ion:169 Resp: 287910
Ion Ratio Lower Upper
169 100
168 68.0 54.5 81.7
167 39.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.193 ng
RT: 16.658 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

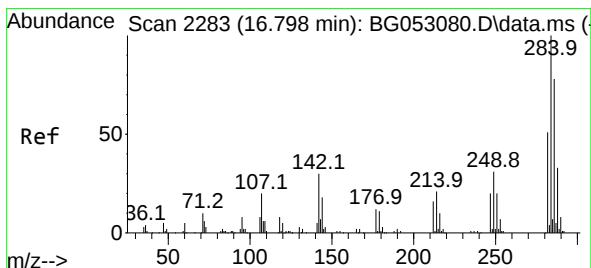
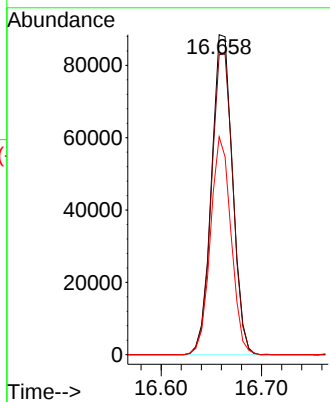
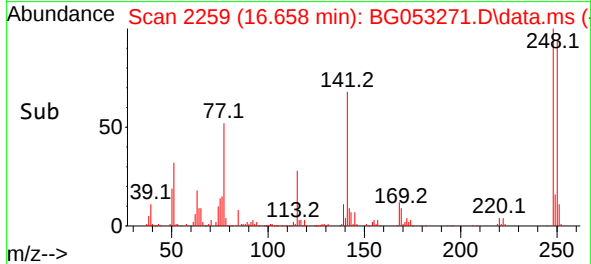
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



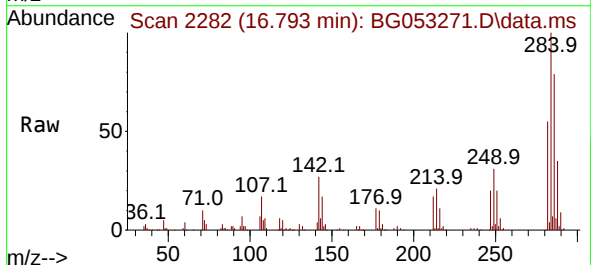
Tgt Ion:248 Resp: 128940
Ion Ratio Lower Upper
248 100
250 93.8 77.9 116.9
141 68.1 49.2 73.8

Manual Integrations
APPROVED

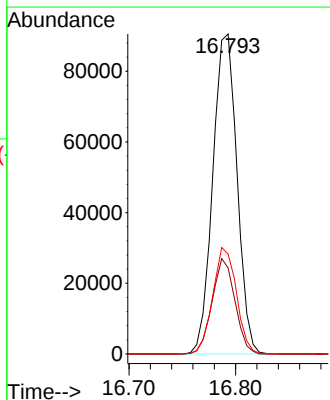
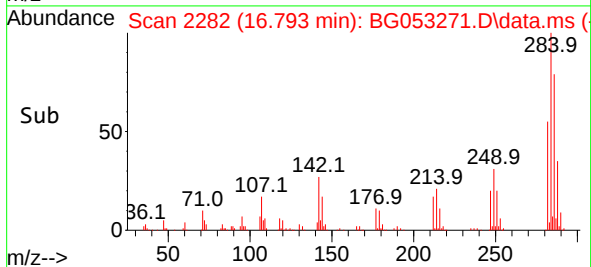
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

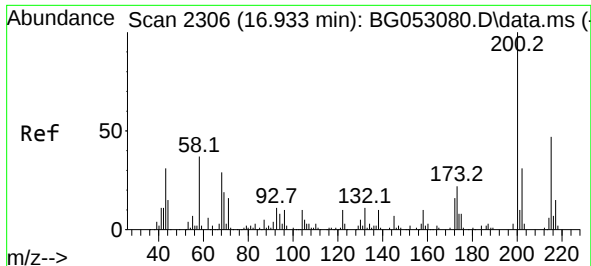


#68
Hexachlorobenzene
Concen: 45.141 ng
RT: 16.793 min Scan# 2282
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



Tgt Ion:284 Resp: 142632
Ion Ratio Lower Upper
284 100
142 26.9 21.0 31.4
249 31.2 22.7 34.1





#69
 Atrazine
 Concen: 50.073 ng
 RT: 16.922 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053271.D
 Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

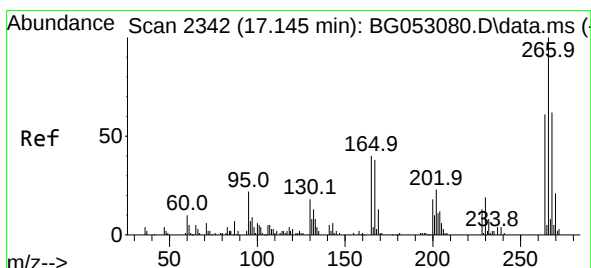
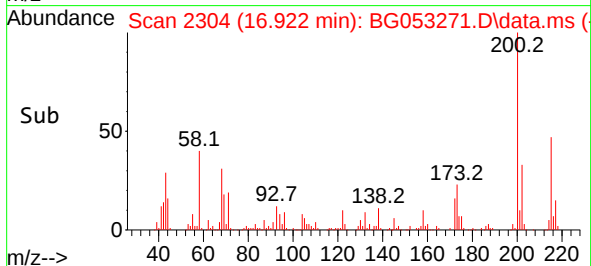
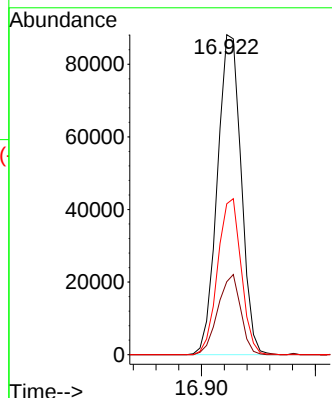
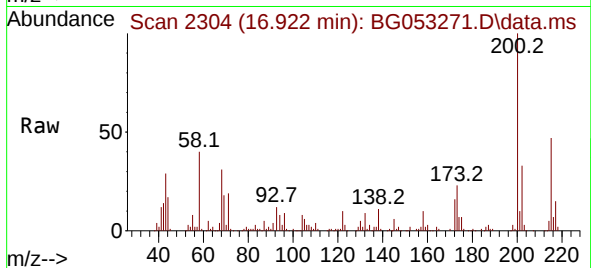
MH-1SMSD

Tgt Ion:200 Resp: 12807
 Ion Ratio Lower Upper
 200 100
 173 22.8 3.8 43.8
 215 47.2 26.3 66.3

Manual Integrations

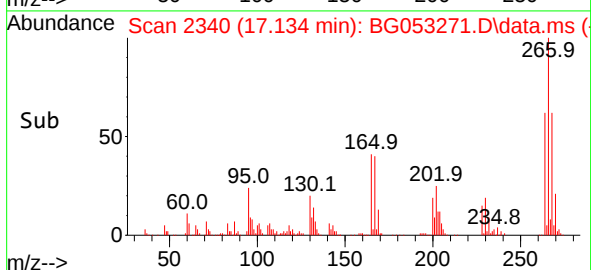
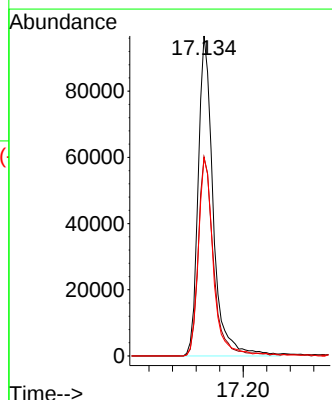
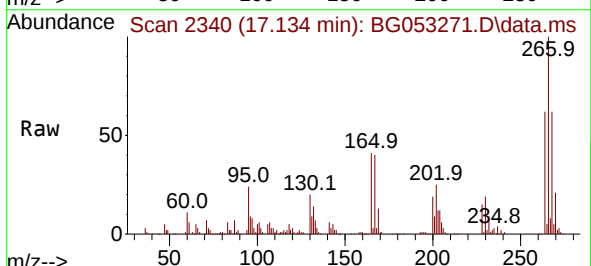
APPROVED

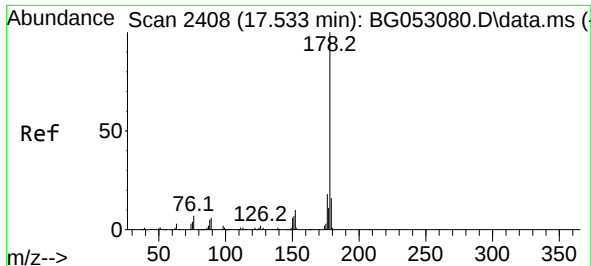
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#70
 Pentachlorophenol
 Concen: 99.287 ng
 RT: 17.134 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BG053271.D
 Acq: 22 Apr 2022 21:34

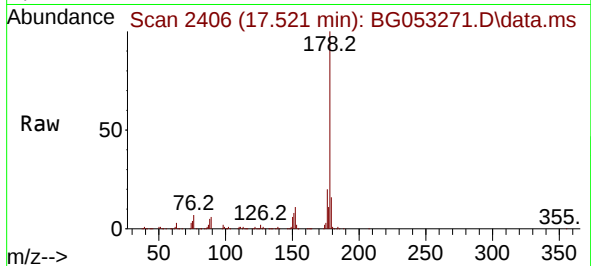
Tgt Ion:266 Resp: 171456
 Ion Ratio Lower Upper
 266 100
 268 62.1 45.9 68.9
 264 61.9 45.3 67.9





#71
Phenanthrene
Concen: 44.755 ng
RT: 17.521 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

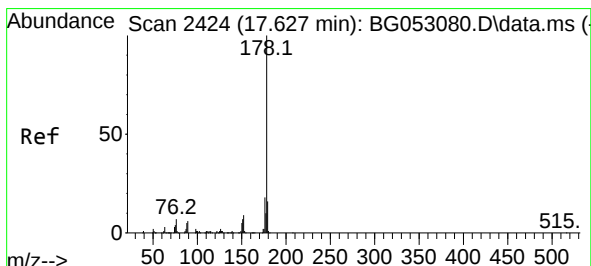
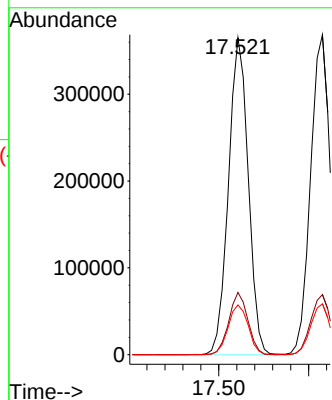
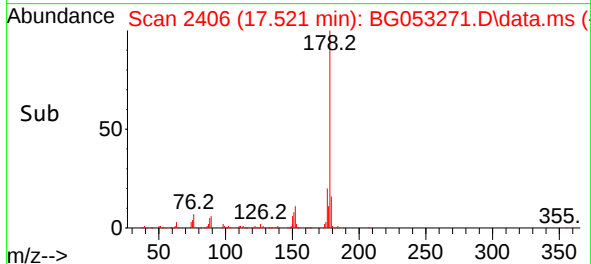
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion:178 Resp: 55665
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.7 13.4 20.2

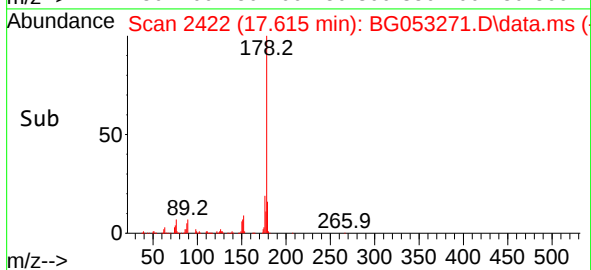
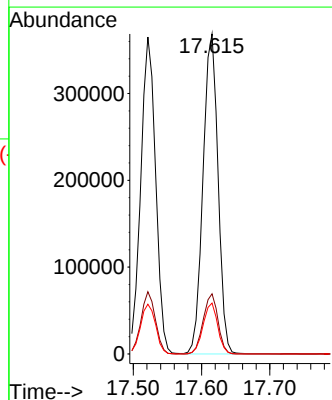
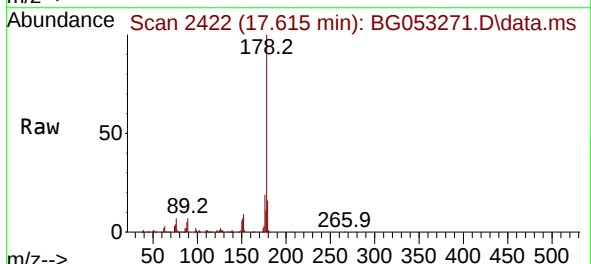
Manual Integrations
APPROVED

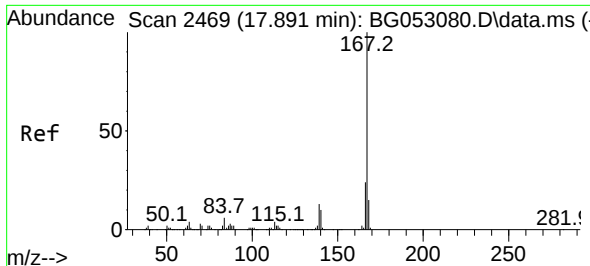
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#72
Anthracene
Concen: 45.762 ng
RT: 17.615 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

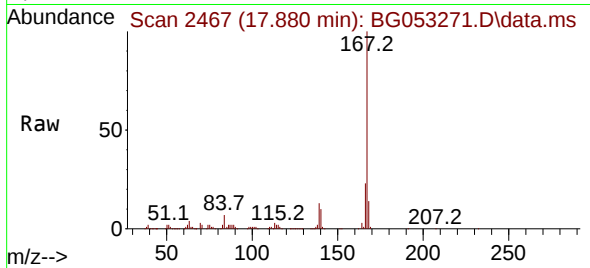
Tgt Ion:178 Resp: 563871
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.9 13.2 19.8





#73
Carbazole
Concen: 43.139 ng
RT: 17.880 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

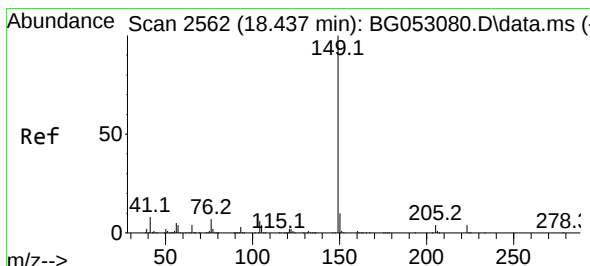
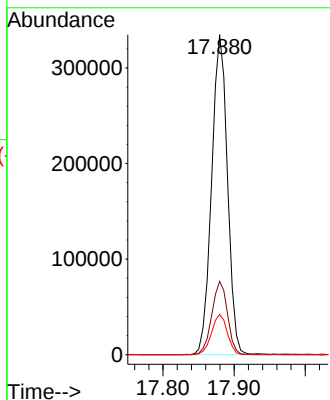
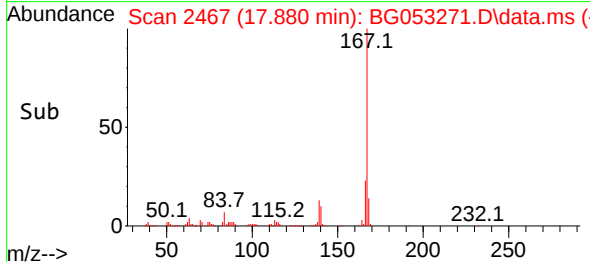
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



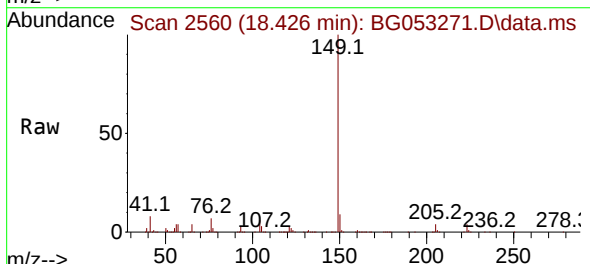
Tgt Ion:167 Resp: 516702
Ion Ratio Lower Upper
167 100
166 22.9 18.5 27.7
139 12.6 10.0 15.0

Manual Integrations
APPROVED

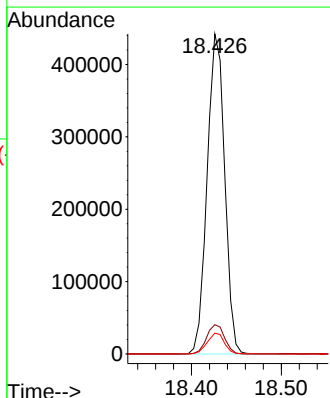
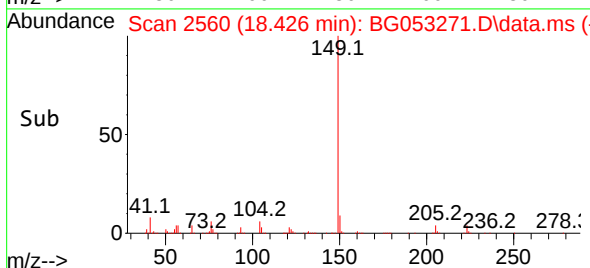
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

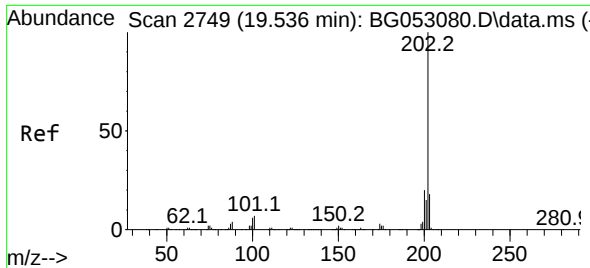


#74
Di-n-butylphthalate
Concen: 44.144 ng
RT: 18.426 min Scan# 2560
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



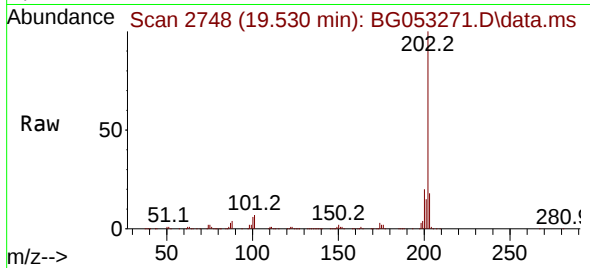
Tgt Ion:149 Resp: 599667
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.6
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 44.767 ng
RT: 19.530 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

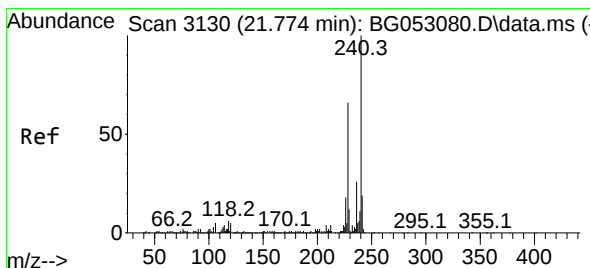
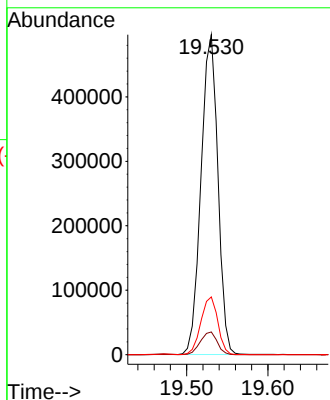
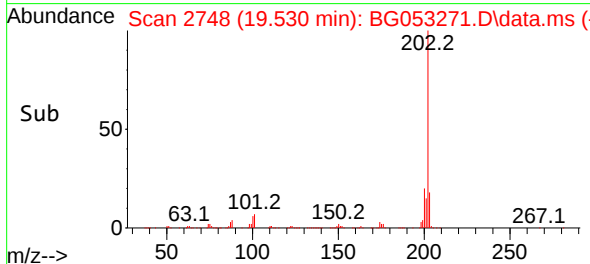
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



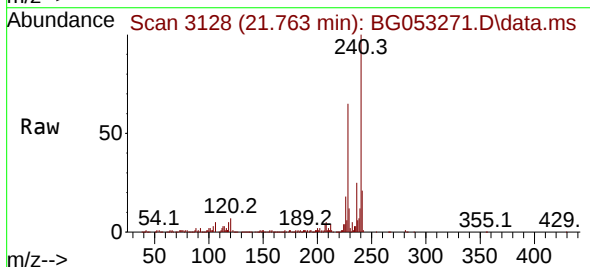
Tgt Ion:202 Resp: 71371
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 18.1 0.0 37.7

Manual Integrations
APPROVED

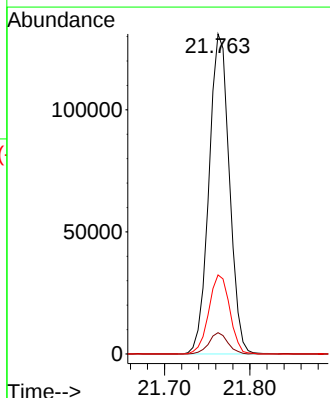
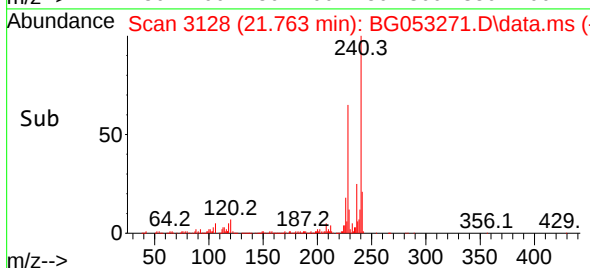
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



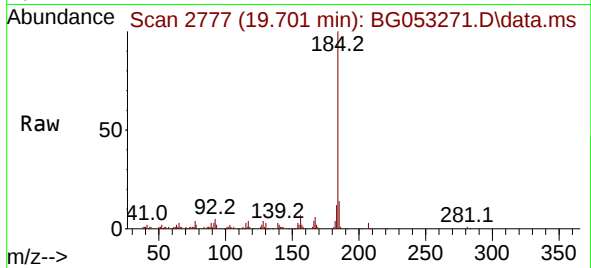
Tgt Ion:240 Resp: 217565
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 24.7 19.8 29.6





#77
Benzidine
Concen: 11.617 ng
RT: 19.701 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

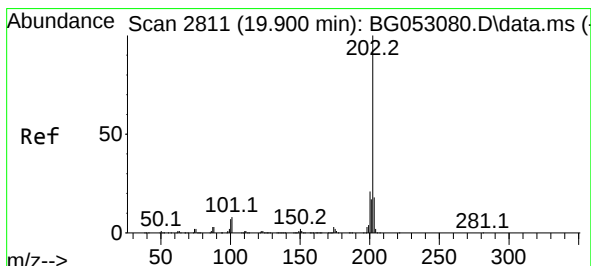
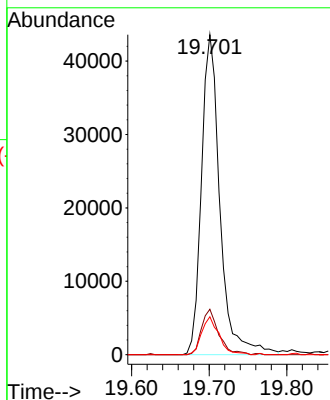
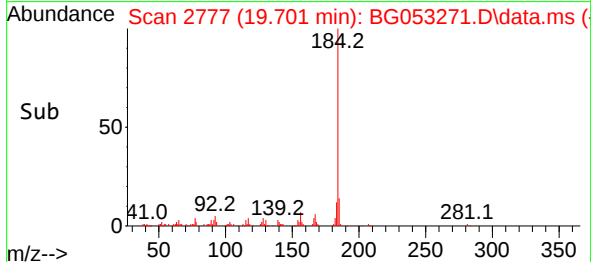
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



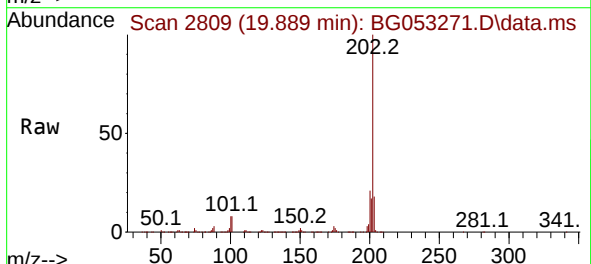
Tgt Ion:184 Resp: 7211
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.8 9.4 14.2

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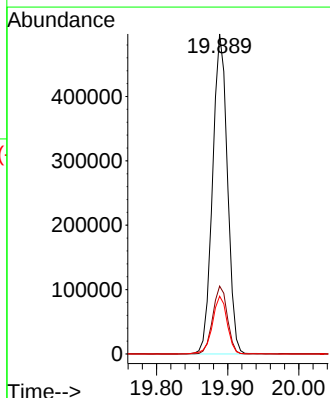
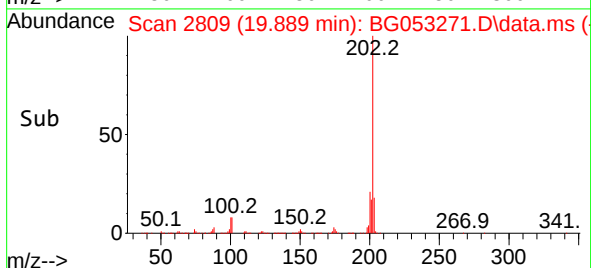
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

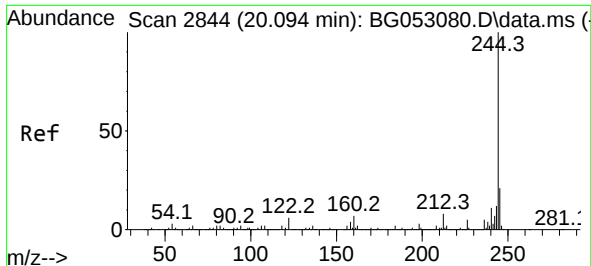


#78
Pyrene
Concen: 46.576 ng
RT: 19.889 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



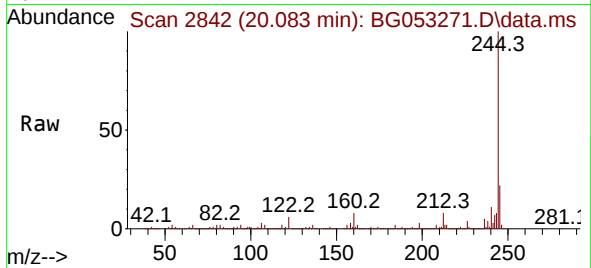
Tgt Ion:202 Resp: 721693
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 18.0 15.0 22.6





#79
 Terphenyl-d14
 Concen: 89.828 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053271.D
 Acq: 22 Apr 2022 21:34

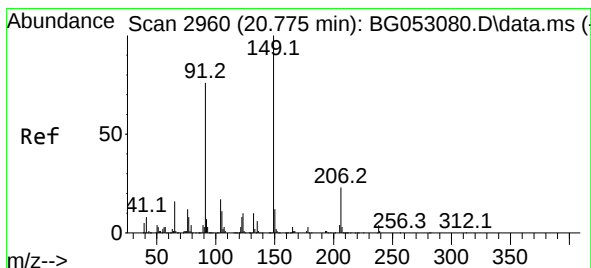
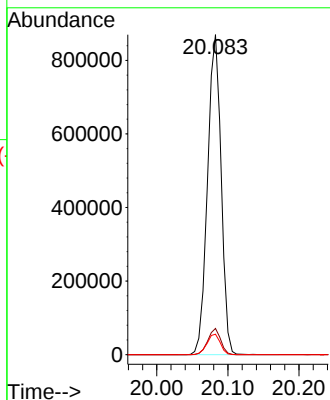
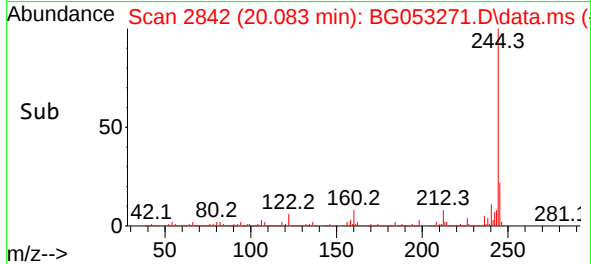
Instrument :
 BNA_G
 ClientSampleId :
 MH-1SMSD



Tgt Ion:244 Resp: 1157169
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.2
 122 6.4 5.8 8.6

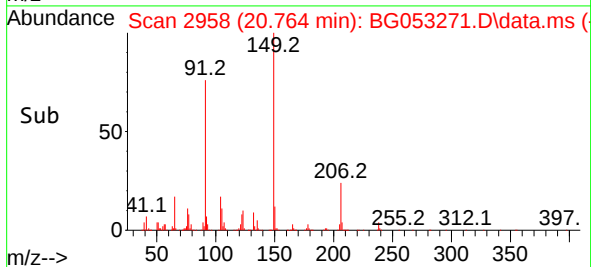
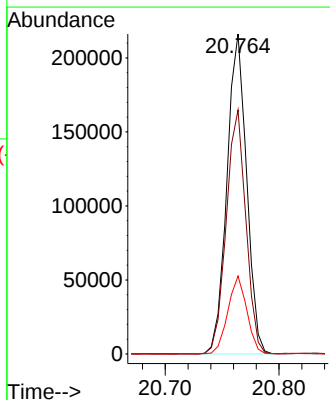
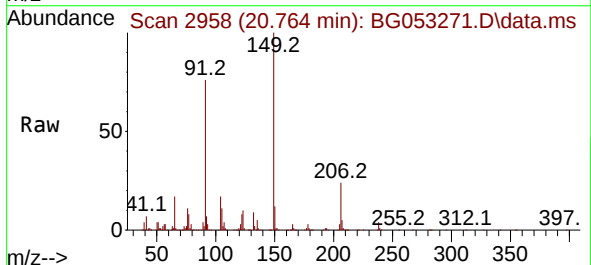
Manual Integrations
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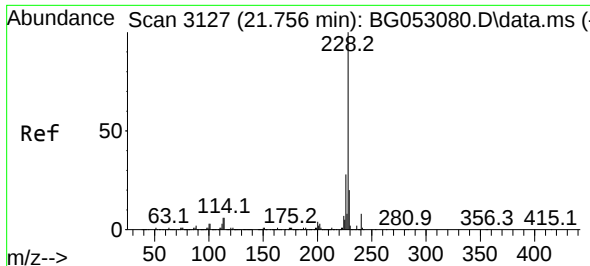
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#80
 Butylbenzylphthalate
 Concen: 44.991 ng
 RT: 20.764 min Scan# 2958
 Delta R.T. -0.003 min
 Lab File: BG053271.D
 Acq: 22 Apr 2022 21:34

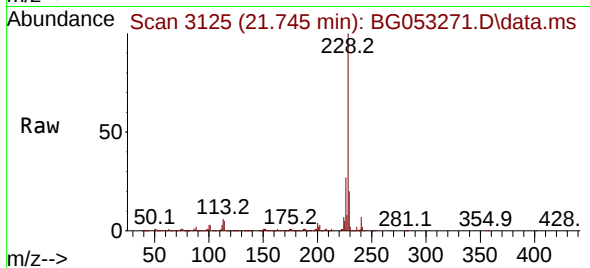
Tgt Ion:149 Resp: 259903
 Ion Ratio Lower Upper
 149 100
 91 76.2 60.2 90.4
 206 24.3 19.4 29.2





#81
Benzo(a)anthracene
Concen: 46.683 ng
RT: 21.745 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

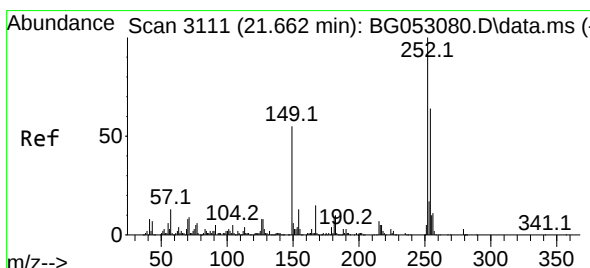
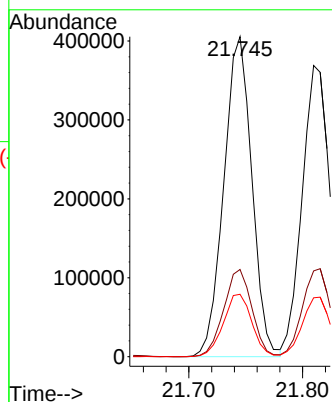
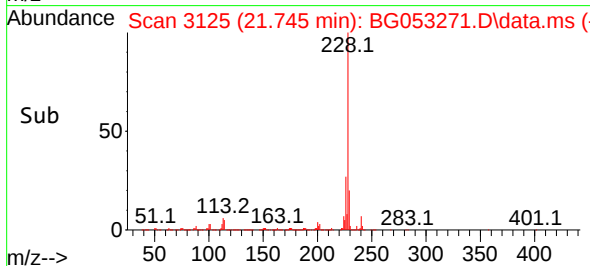
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



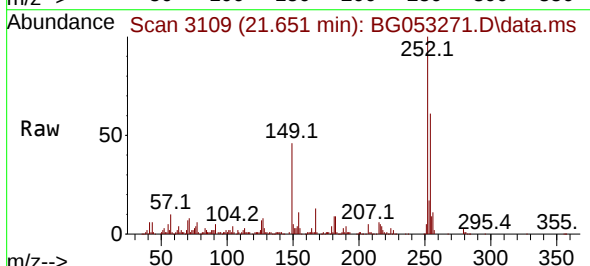
Tgt Ion:228 Resp: 69443
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.5 16.7 25.1

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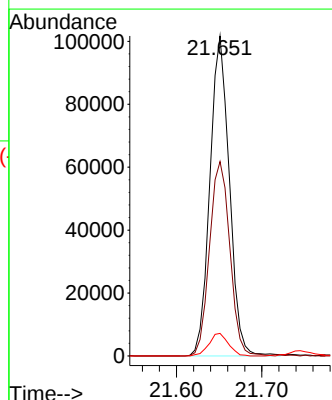
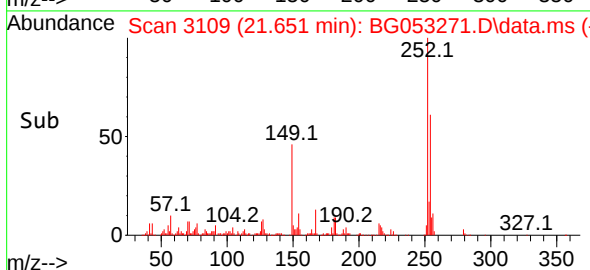
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

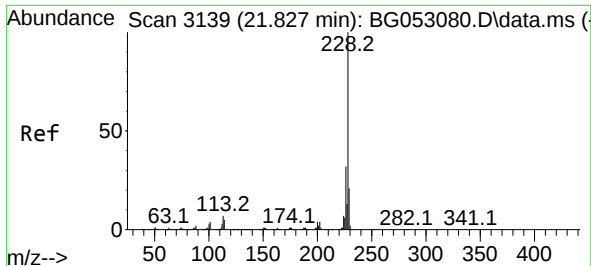


#82
3,3'-Dichlorobenzidine
Concen: 29.417 ng
RT: 21.651 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



Tgt Ion:252 Resp: 160933
Ion Ratio Lower Upper
252 100
254 60.8 51.2 76.8
126 7.0 5.8 8.8





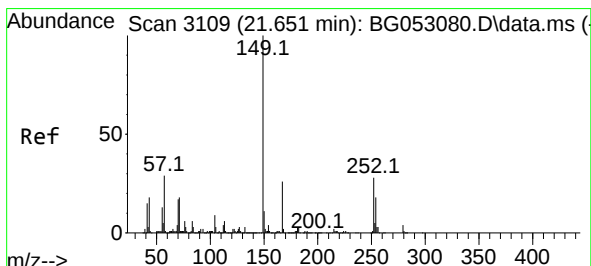
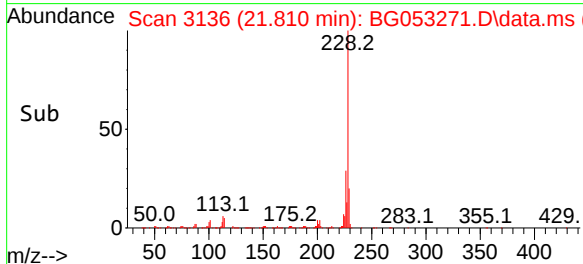
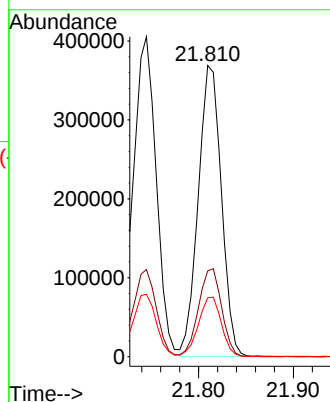
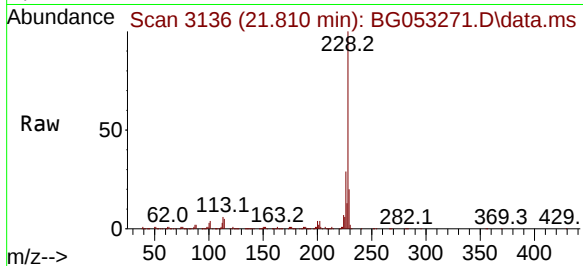
#83
Chrysene
Concen: 45.338 ng
RT: 21.810 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

Instrument :
BNA_G
ClientSampleId :
MH-1SMSD

Tgt Ion:228 Resp: 625915
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.4
229 20.2 16.3 24.5

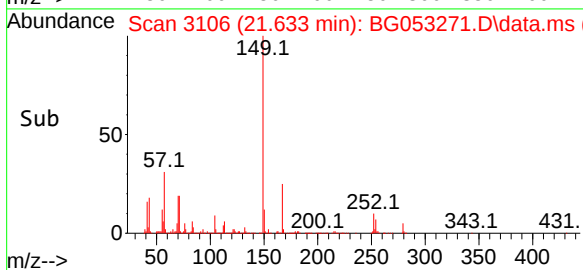
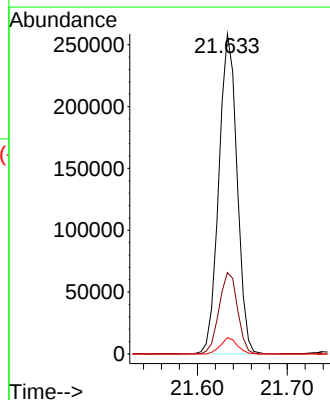
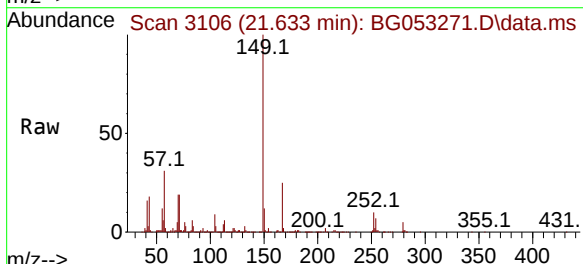
Manual Integrations
APPROVED

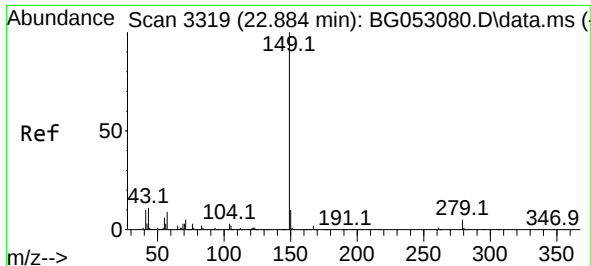
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.560 ng
RT: 21.633 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

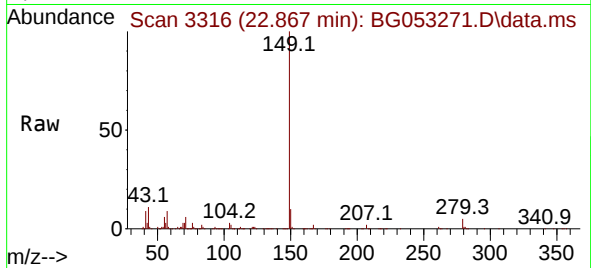
Tgt Ion:149 Resp: 363562
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.2
279 5.1 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 46.996 ng
RT: 22.867 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

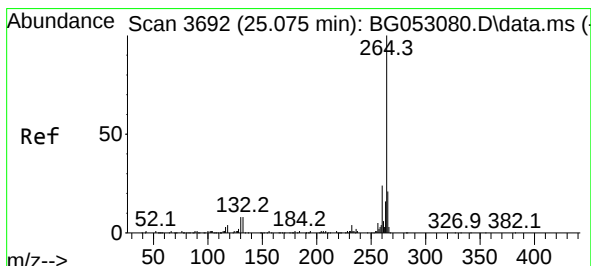
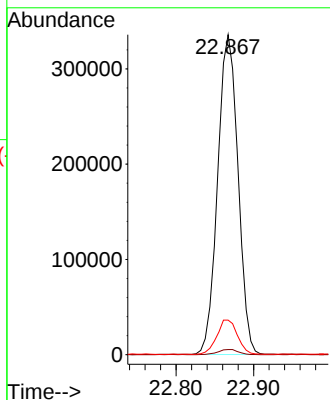
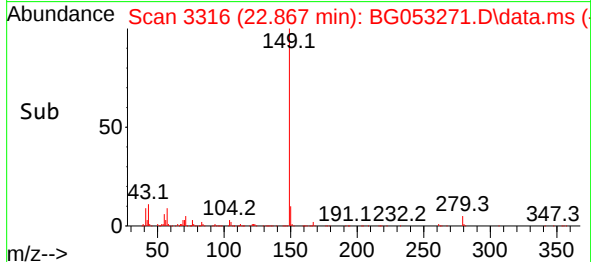
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



Tgt Ion:149 Resp: 613732
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 7.6 11.4

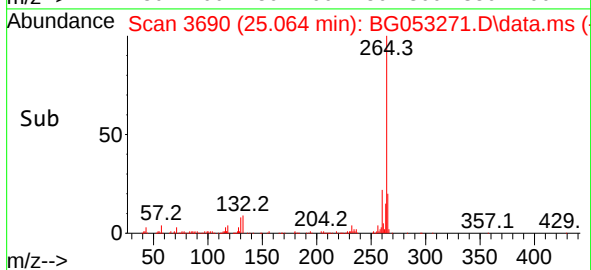
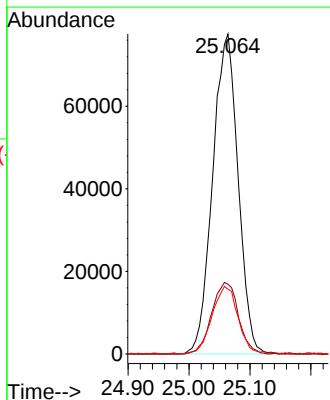
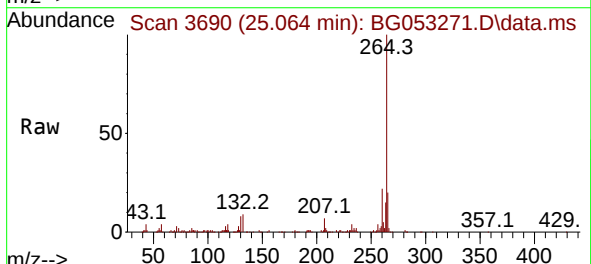
Manual Integrations
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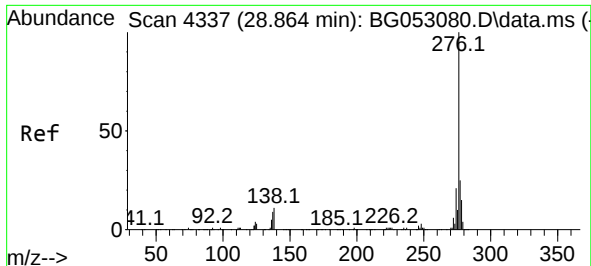
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.064 min Scan# 3690
Delta R.T. 0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

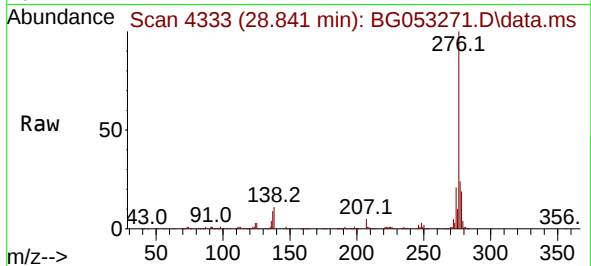
Tgt Ion:264 Resp: 224575
Ion Ratio Lower Upper
264 100
260 21.8 18.2 27.2
265 20.2 15.1 22.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.341 ng
 RT: 28.841 min Scan# 4333
 Delta R.T. -0.009 min
 Lab File: BG053271.D
 Acq: 22 Apr 2022 21:34

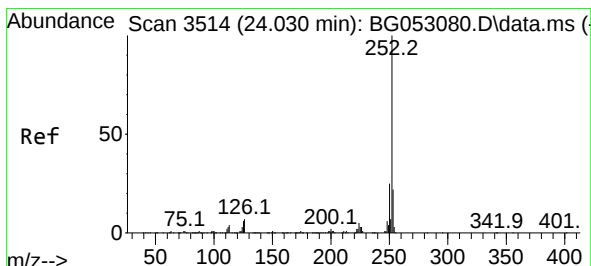
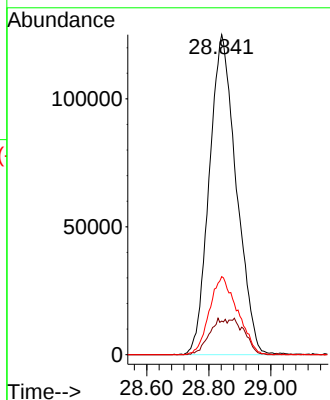
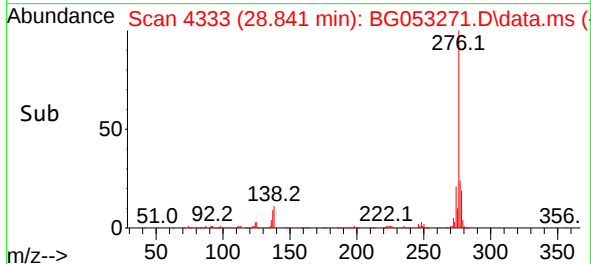
Instrument :
 BNA_G
 ClientSampleId :
 MH-1SMSD



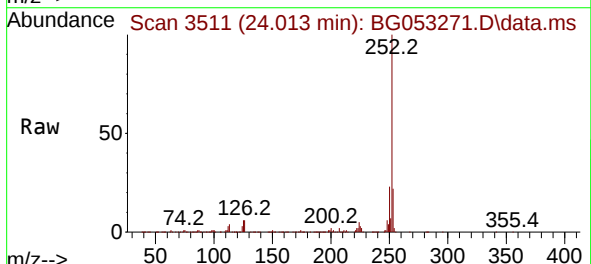
Tgt Ion:276 Resp: 75649
 Ion Ratio Lower Upper
 276 100
 138 6.1 8.7 13.1
 277 25.4 20.2 30.4

Manual Integrations
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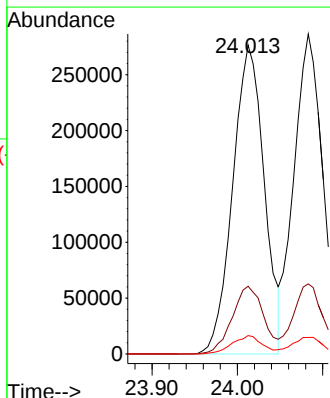
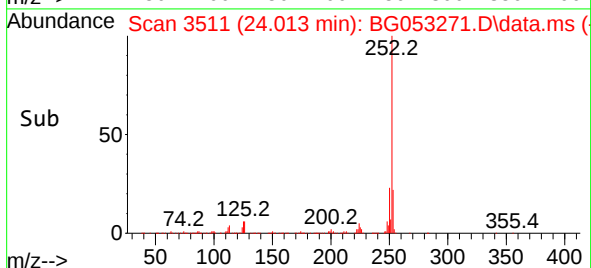
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

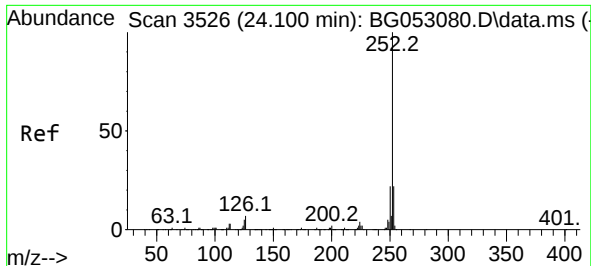


#88
 Benzo(b)fluoranthene
 Concen: 50.080 ng
 RT: 24.013 min Scan# 3511
 Delta R.T. -0.009 min
 Lab File: BG053271.D
 Acq: 22 Apr 2022 21:34



Tgt Ion:252 Resp: 709604
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.2 25.8
 125 5.9 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 48.019 ng

RT: 24.083 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

Instrument :

BNA_G

ClientSampleId :

MH-1SMSD

Tgt Ion:252 Resp: 668700

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

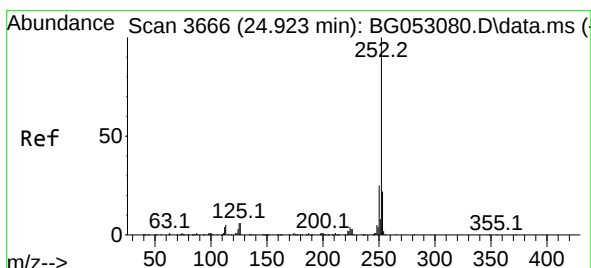
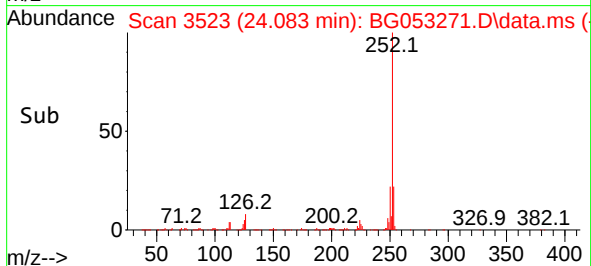
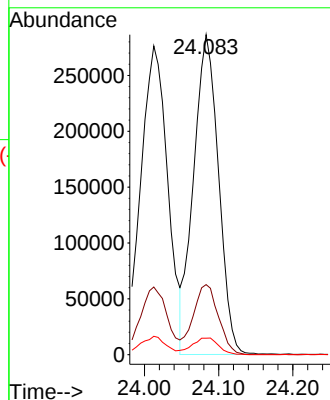
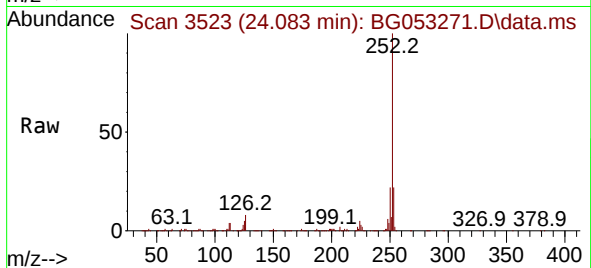
125 5.1 5.0 7.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#90

Benzo(a)pyrene

Concen: 55.403 ng

RT: 24.911 min Scan# 3664

Delta R.T. -0.003 min

Lab File: BG053271.D

Acq: 22 Apr 2022 21:34

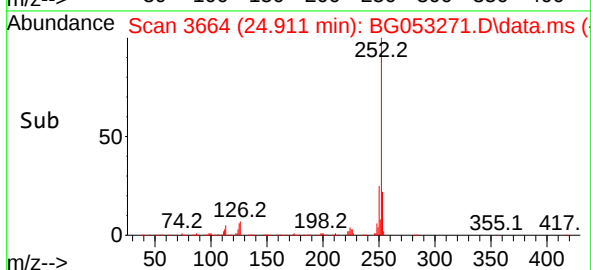
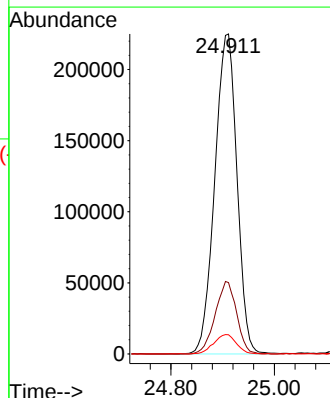
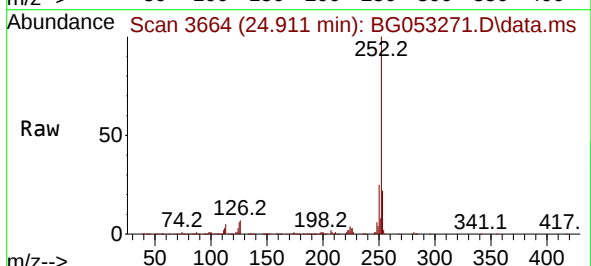
Tgt Ion:252 Resp: 668770

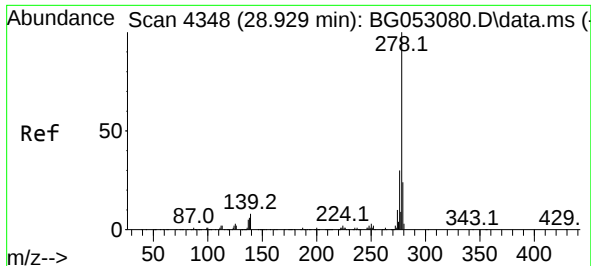
Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

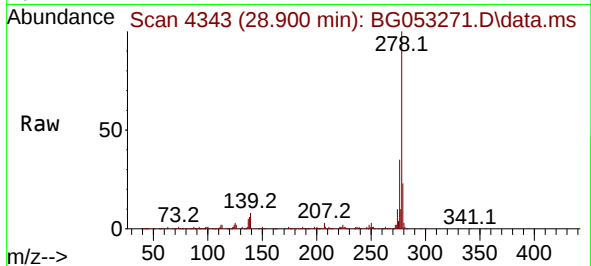
125 6.0 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 47.610 ng
RT: 28.900 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34

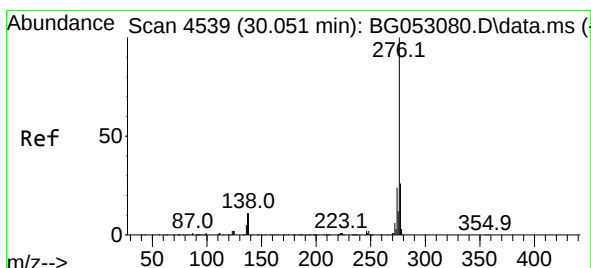
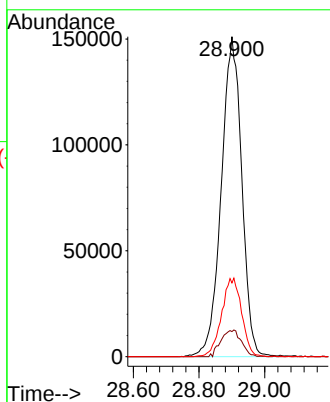
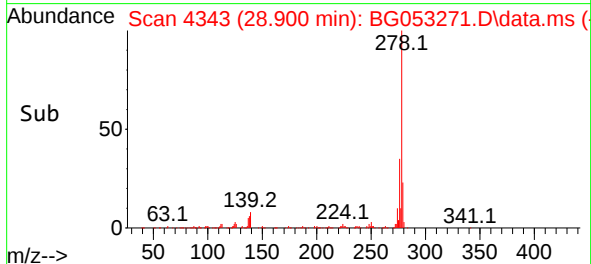
Instrument :
BNA_G
ClientSampleId :
MH-1SMSD



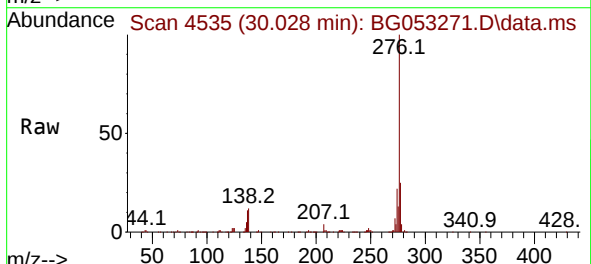
Tgt Ion:278 Resp: 65379
Ion Ratio Lower Upper
278 100
139 7.8 7.8 11.6
279 23.1 18.5 27.7

Manual Integrations
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Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#92
Benzo(g,h,i)perylene
Concen: 48.528 ng
RT: 30.028 min Scan# 4535
Delta R.T. -0.009 min
Lab File: BG053271.D
Acq: 22 Apr 2022 21:34



Tgt Ion:276 Resp: 656826
Ion Ratio Lower Upper
276 100
277 24.6 18.2 27.2
138 11.7 9.1 13.7

