

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053060.D
 Acq On : 6 Apr 2022 18:26
 Operator : CG/JU
 Sample : N2257-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2022
 Supervised By : Jagrut Upadhyay 04/07/2022

Quant Time: Apr 07 04:10:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	33968	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	136878	20.000	ng	0.00
39) Acenaphthene-d10	14.752	164	97763	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	201608	20.000	ng	0.00
76) Chrysene-d12	21.783	240	195680	20.000	ng	# 0.00
86) Perylene-d12	25.091	264	207672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	196625	100.808	ng	0.00
7) Phenol-d6	7.291	99	296855	100.952	ng	0.00
23) Nitrobenzene-d5	9.289	82	205013	75.174	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	141737	107.894	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	426736	64.377	ng	0.00
79) Terphenyl-d14	20.097	244	661527	60.137	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.573	88	33341	34.172	ng	# 91
3) Pyridine	3.972	79	92151	36.844	ng	# 90
4) n-Nitrosodimethylamine	3.884	42	55707	50.207	ng	# 85
6) Aniline	7.450	93	79701	23.116	ng	97
8) 2-Chlorophenol	7.697	128	106612	52.019	ng	93
9) Benzaldehyde	7.256	77	63070	38.640	ng	94
10) Phenol	7.321	94	146551	50.487	ng	90
11) bis(2-Chloroethyl)ether	7.538	93	100478	45.837	ng	92
12) 1,3-Dichlorobenzene	8.020	146	113520	46.004	ng	# 94
13) 1,4-Dichlorobenzene	8.167	146	115610	46.630	ng	99
14) 1,2-Dichlorobenzene	8.484	146	111858	47.704	ng	98
15) Benzyl Alcohol	8.360	79	123227	49.769	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.654	45	161069	42.193	ng	98
17) 2-Methylphenol	8.572	107	99371	51.352	ng	94
18) Hexachloroethane	9.218	117	42871	47.129	ng	93
19) n-Nitroso-di-n-propyla...	8.930	70	95293	45.755	ng	# 95
20) 3+4-Methylphenols	8.901	107	135009	49.854	ng	92
22) Acetophenone	8.948	105	166199	46.920	ng	# 94
24) Nitrobenzene	9.330	77	145964	53.491	ng	90
25) Isophorone	9.858	82	258538	48.959	ng	# 98
26) 2-Nitrophenol	10.046	139	62657	66.122	ng	# 86
27) 2,4-Dimethylphenol	10.105	122	104446	53.876	ng	95
28) bis(2-Chloroethoxy)met...	10.334	93	138754	44.438	ng	97
29) 2,4-Dichlorophenol	10.587	162	115858	53.111	ng	100
30) 1,2,4-Trichlorobenzene	10.804	180	126585	49.190	ng	99
31) Naphthalene	10.992	128	337027	47.615	ng	99
32) Benzoic acid	10.258	122	74434	51.267	ng	90
33) 4-Chloroaniline	11.092	127	44686	14.895	ng	96
34) Hexachlorobutadiene	11.280	225	89940	48.747	ng	99
35) Caprolactam	11.873	113	37252m	62.540	ng	
36) 4-Chloro-3-methylphenol	12.214	107	129606	51.164	ng	99
37) 2-Methylnaphthalene	12.590	142	244204	47.111	ng	96
38) 1-Methylnaphthalene	12.807	142	232742	46.005	ng	# 91
40) 1,2,4,5-Tetrachloroben...	12.954	216	154409	50.554	ng	99
41) Hexachlorocyclopentadiene	12.937	237	153623	84.853	ng	92
43) 2,4,6-Trichlorophenol	13.189	196	108339	55.389	ng	96

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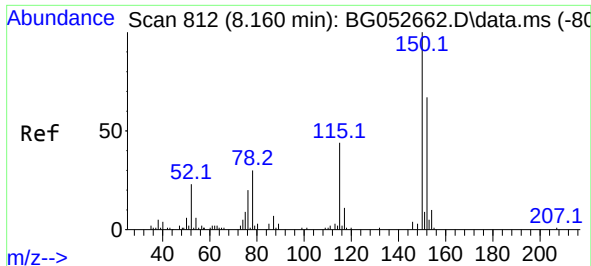
Quant Time: Apr 07 04:10:36 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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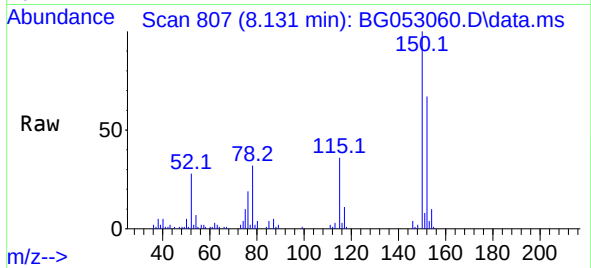
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.266	196	119343	60.113	ng	95
46) 1,1'-Biphenyl	13.589	154	326390	47.739	ng	99
47) 2-Chloronaphthalene	13.630	162	261042	48.483	ng	96
48) 2-Nitroaniline	13.829	65	98783	67.085	ng	93
49) Acenaphthylene	14.476	152	440593	51.334	ng	99
50) Dimethylphthalate	14.200	163	328430	45.202	ng	100
51) 2,6-Dinitrotoluene	14.317	165	73962	60.291	ng	# 74
52) Acenaphthene	14.816	154	290405m	52.815	ng	
53) 3-Nitroaniline	14.646	138	49078	34.189	ng	92
54) 2,4-Dinitrophenol	14.852	184	59523	89.015	ng	# 81
55) Dibenzofuran	15.145	168	414244	46.133	ng	96
56) 4-Nitrophenol	14.963	139	121881	104.087	ng	# 76
57) 2,4-Dinitrotoluene	15.104	165	102707	60.341	ng	# 86
58) Fluorene	15.797	166	333487	45.561	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.374	232	105168	49.560	ng	# 98
60) Diethylphthalate	15.557	149	336553	43.881	ng	98
61) 4-Chlorophenyl-phenyle...	15.786	204	180653	44.753	ng	98
62) 4-Nitroaniline	15.809	138	59599	39.293	ng	# 61
63) Azobenzene	16.073	77	347515	42.393	ng	95
65) 4,6-Dinitro-2-methylph...	15.868	198	41877	46.592	ng	89
66) n-Nitrosodiphenylamine	15.997	169	292019	51.449	ng	97
67) 4-Bromophenyl-phenylether	16.679	248	124272	51.127	ng	97
68) Hexachlorobenzene	16.808	284	131510	50.336	ng	97
69) Atrazine	16.943	200	115823	55.341	ng	97
70) Pentachlorophenol	17.149	266	159079	98.146	ng	95
71) Phenanthrene	17.542	178	744633	69.040	ng	99
72) Anthracene	17.630	178	554646	52.020	ng	98
73) Carbazole	17.895	167	481408	45.589	ng	99
74) Di-n-butylphthalate	18.447	149	514085	44.564	ng	98
75) Fluoranthene	19.545	202	1074180	78.460	ng	97
77) Benzidine	19.716	184	46761	9.265	ng	98
78) Pyrene	19.909	202	1057363	77.898	ng	99
80) Butylbenzylphthalate	20.779	149	219364	45.559	ng	95
81) Benzo(a)anthracene	21.766	228	843194	64.351	ng	97
82) 3,3'-Dichlorobenzidine	21.666	252	83587	18.065	ng	98
83) Chrysene	21.830	228	805427	65.385	ng	98
84) Bis(2-ethylhexyl)phtha...	21.654	149	314570	48.040	ng	97
85) Di-n-octyl phthalate	22.894	149	531245	48.734	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.886	276	894342	62.917	ng	# 95
88) Benzo(b)fluoranthene	24.045	252	961690m	74.581	ng	
89) Benzo(k)fluoranthene	24.110	252	708774	55.868	ng	96
90) Benzo(a)pyrene	24.944	252	840307	76.988	ng	# 99
91) Dibenzo(a,h)anthracene	28.944	278	651736	55.643	ng	99
92) Benzo(g,h,i)perylene	30.084	276	799120	68.955	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.131 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

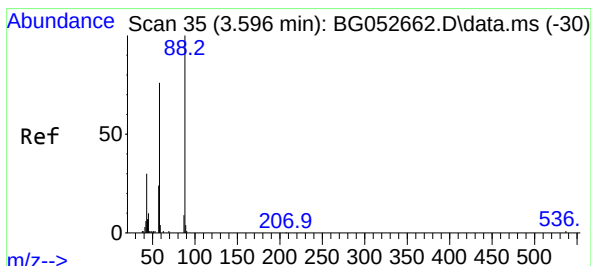
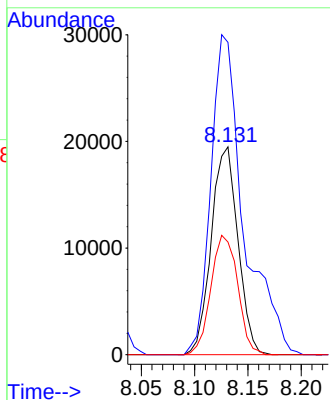
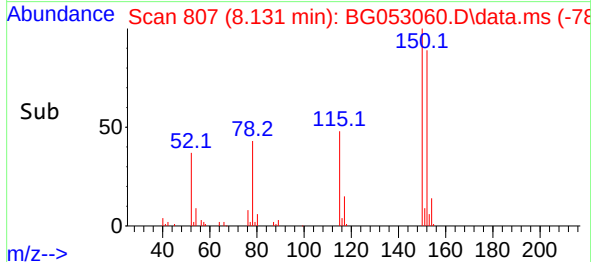
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



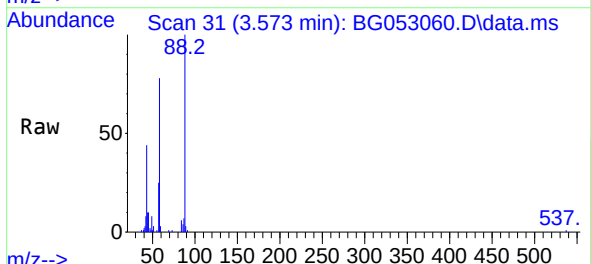
Tgt Ion:152 Resp: 33968
Ion Ratio Lower Upper
152 100
150 150.2 114.6 172.0
115 54.2 45.9 68.9

Manual Integrations
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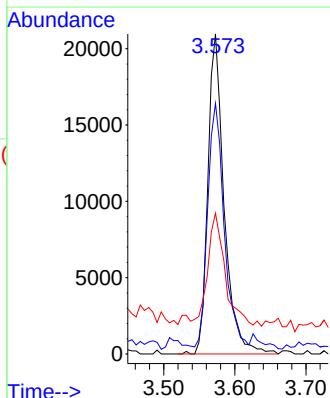
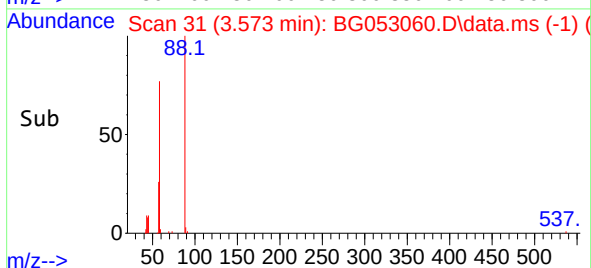
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

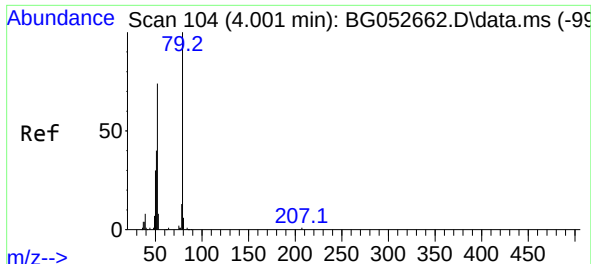


#2
1,4-Dioxane
Concen: 34.172 ng
RT: 3.573 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion: 88 Resp: 33341
Ion Ratio Lower Upper
88 100
58 78.2 58.2 87.2
43 38.1 23.4 35.0#





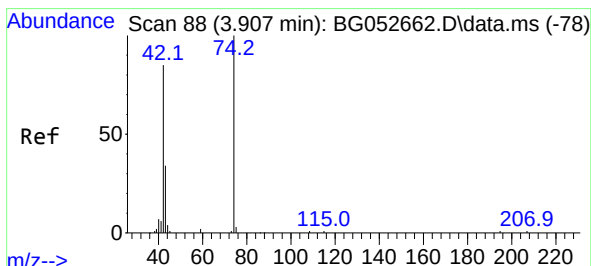
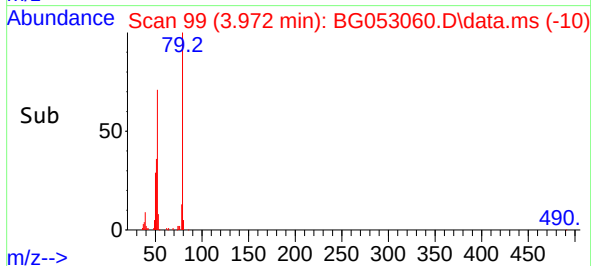
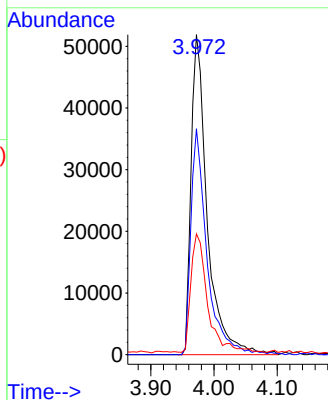
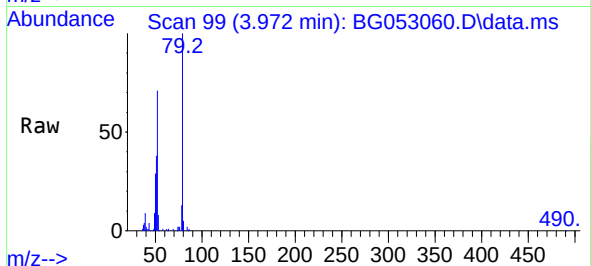
#3
Pyridine
Concen: 36.844 ng
RT: 3.972 min Scan# 99
Delta R.T. -0.008 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion: 79 Resp: 9215
Ion Ratio Lower Upper
79 100
52 70.6 50.9 76.3
51 37.7 24.4 36.6

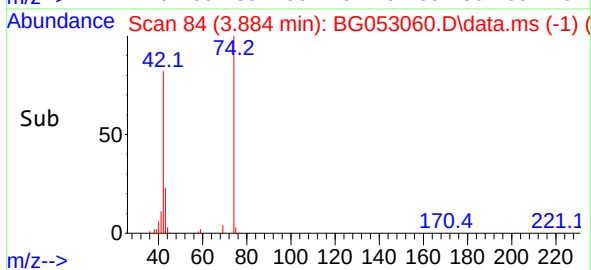
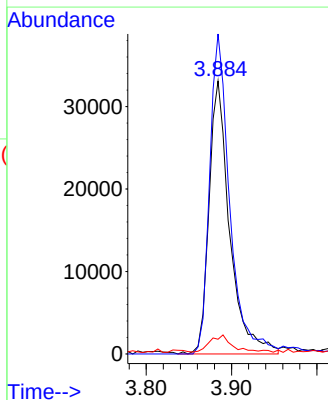
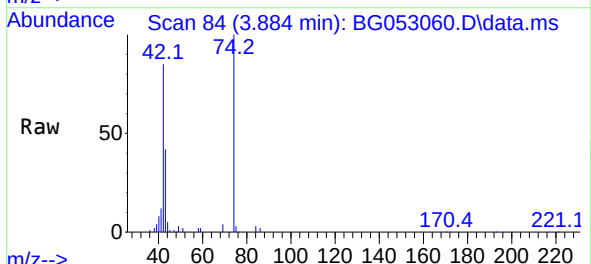
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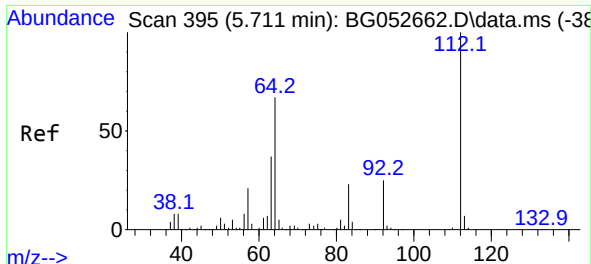
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#4
n-Nitrosodimethylamine
Concen: 50.207 ng
RT: 3.884 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion: 42 Resp: 55707
Ion Ratio Lower Upper
42 100
74 117.2 108.9 163.3
44 5.4 5.7 8.5





#5
2-Fluorophenol
Concen: 100.808 ng
RT: 5.693 min Scan# 395
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

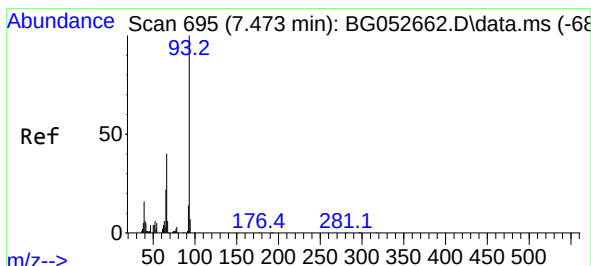
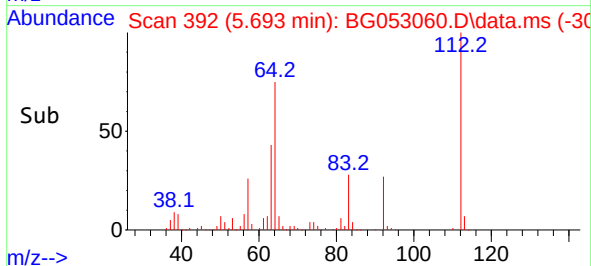
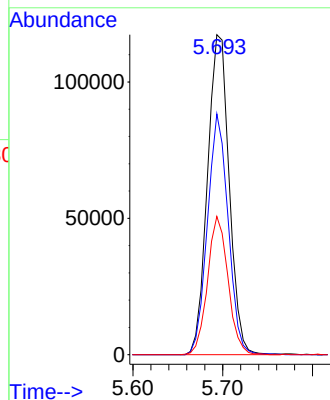
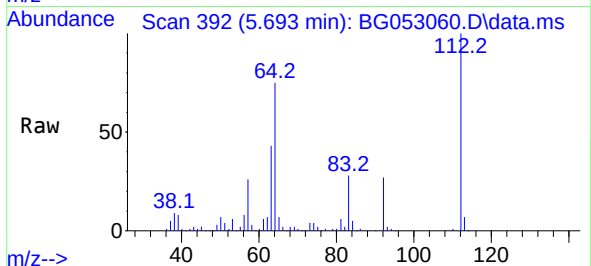
TP-4MSD

Tgt Ion:112 Resp: 19662
Ion Ratio Lower Upper
112 100
64 75.3 48.0 72.0
63 43.2 26.5 39.7

Manual Integrations

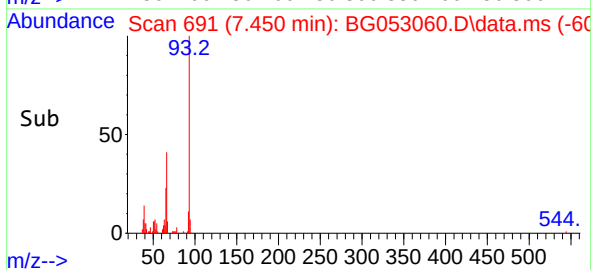
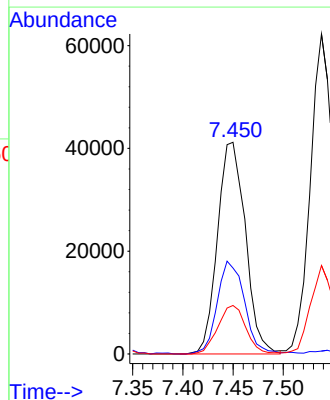
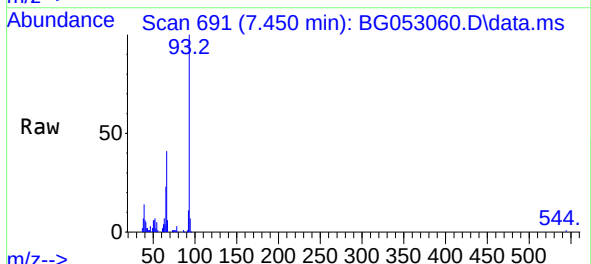
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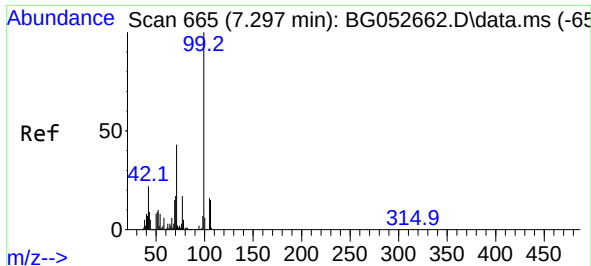
Reviewed By :Christian Giraldo 04/07/2022
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#6
Aniline
Concen: 23.116 ng
RT: 7.450 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion: 93 Resp: 79701
Ion Ratio Lower Upper
93 100
66 40.6 31.3 46.9
65 22.9 16.7 25.1





#7

Phenol-d6

Concen: 100.952 ng

RT: 7.291 min Scan# 60

Delta R.T. 0.009 min

Lab File: BG053060.D

Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

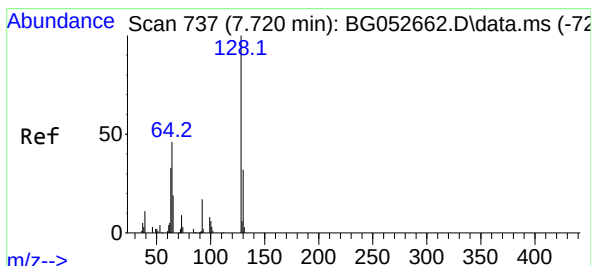
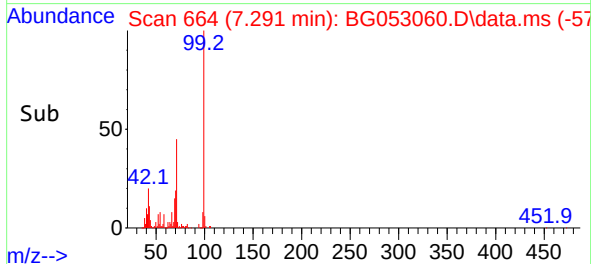
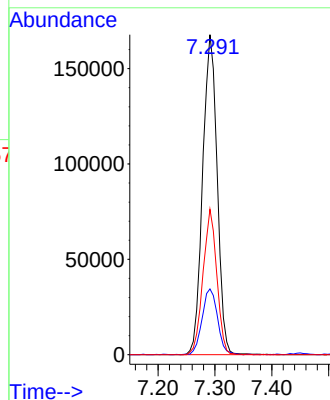
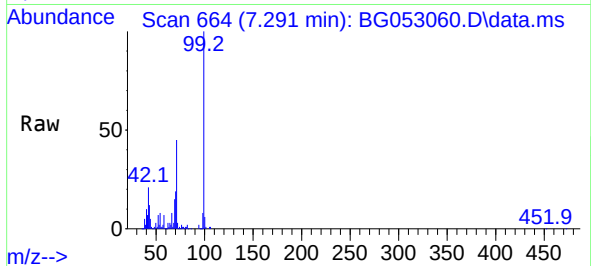
Tgt Ion:	99	Resp:	29685
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.7	22.1
71	45.5	29.2	43.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/07/2022



#8

2-Chlorophenol

Concen: 52.019 ng

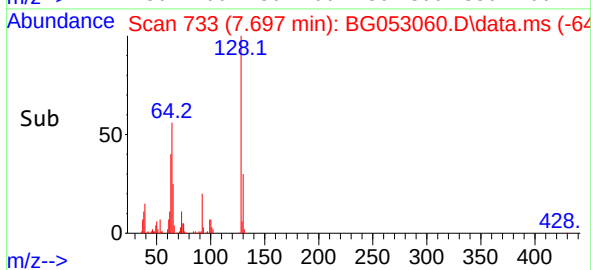
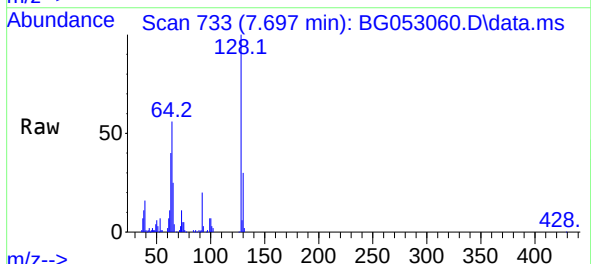
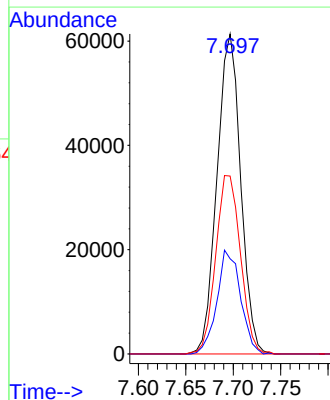
RT: 7.697 min Scan# 733

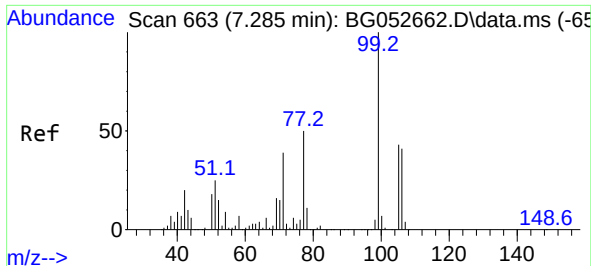
Delta R.T. 0.009 min

Lab File: BG053060.D

Acq: 6 Apr 2022 18:26

Tgt Ion:	128	Resp:	106612
Ion	Ratio	Lower	Upper
128	100		
130	29.8	13.4	53.4
64	55.6	30.9	70.9





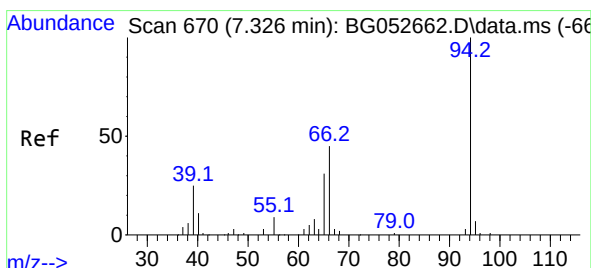
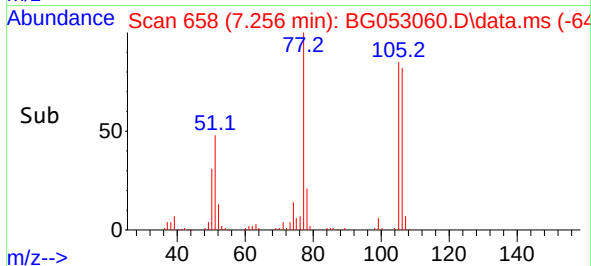
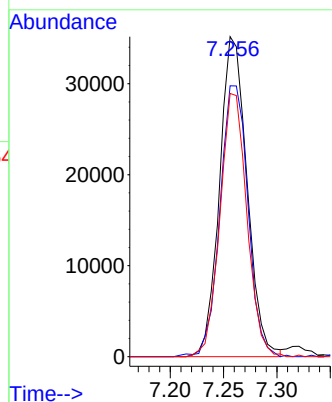
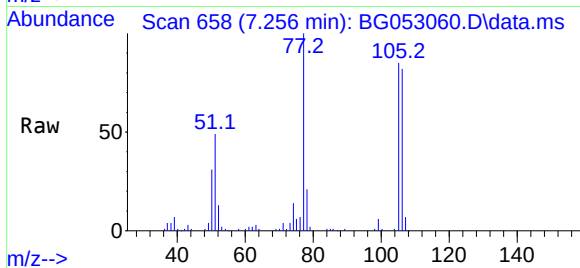
#9
Benzaldehyde
Concen: 38.640 ng
RT: 7.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion: 77 Resp: 63070
Ion Ratio Lower Upper
77 100
105 84.7 70.6 110.6
106 82.2 67.6 107.6

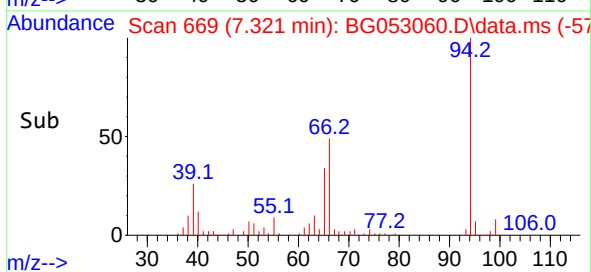
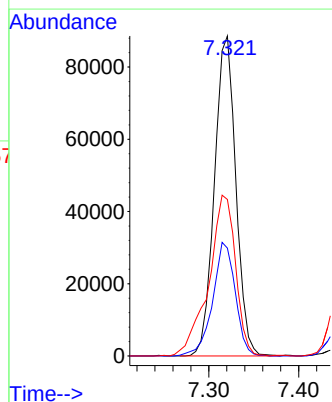
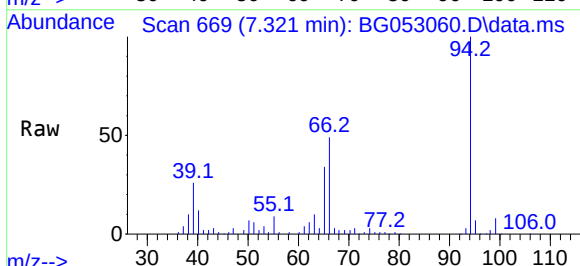
Manual Integrations
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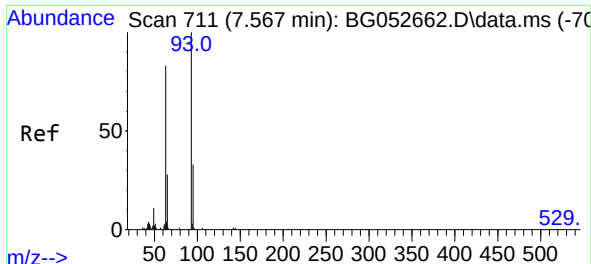
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#10
Phenol
Concen: 50.487 ng
RT: 7.321 min Scan# 669
Delta R.T. 0.015 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

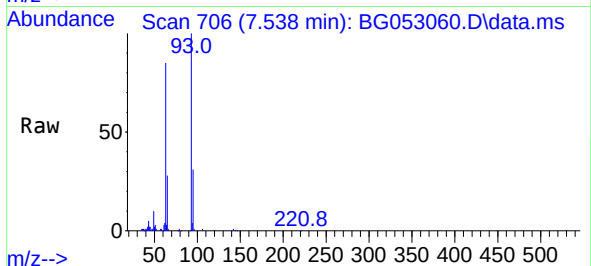
Tgt Ion: 94 Resp: 146551
Ion Ratio Lower Upper
94 100
65 33.7 11.1 51.1
66 48.9 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 45.837 ng
RT: 7.538 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

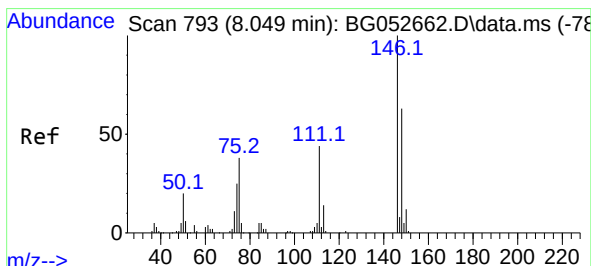
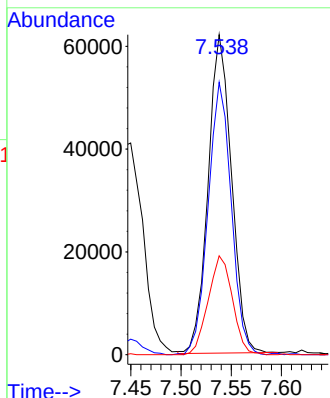
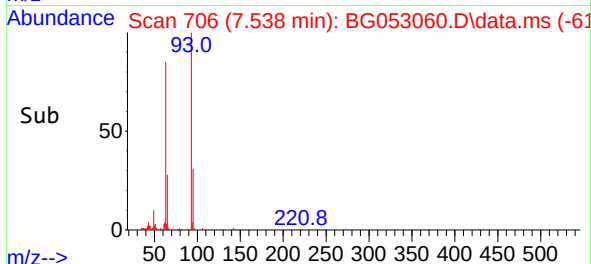
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



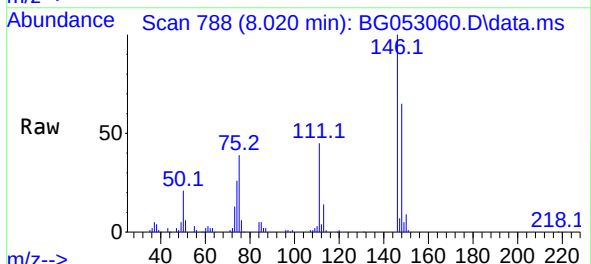
Tgt Ion: 93 Resp: 100478
Ion Ratio Lower Upper
93 100
63 85.1 56.9 96.9
95 30.9 14.5 54.5

Manual Integrations
APPROVED

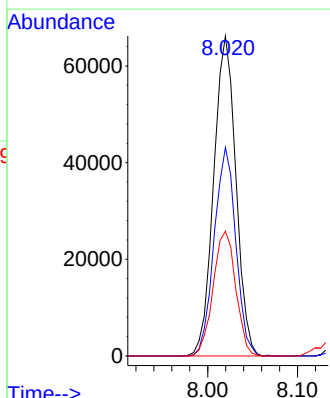
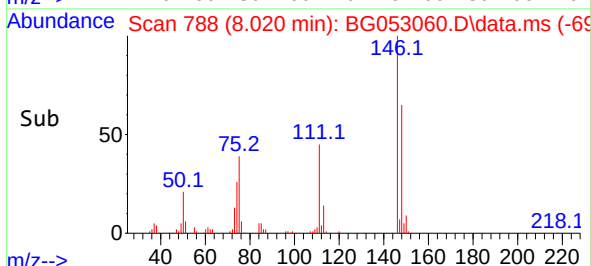
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

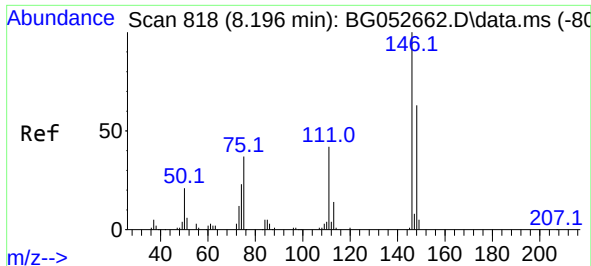


#12
1,3-Dichlorobenzene
Concen: 46.004 ng
RT: 8.020 min Scan# 788
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion:146 Resp: 113520
Ion Ratio Lower Upper
146 100
148 65.2 50.6 76.0
75 39.0 25.9 38.9#





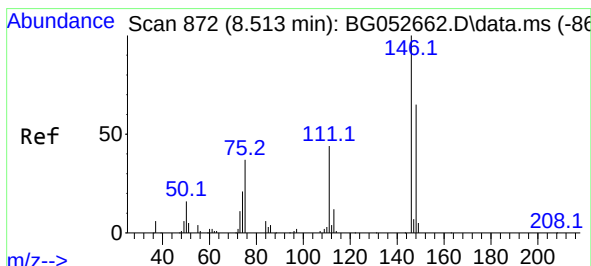
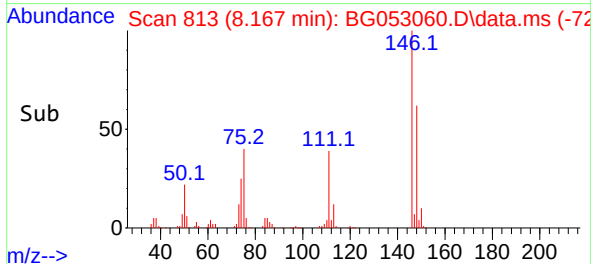
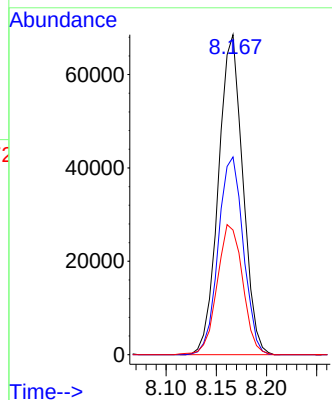
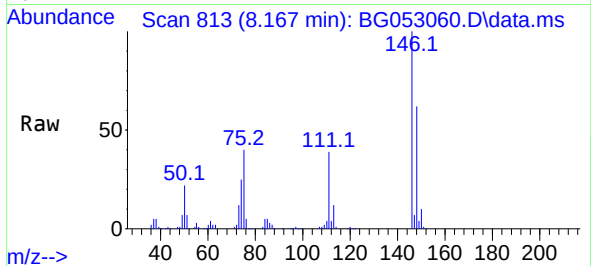
#13
1,4-Dichlorobenzene
Concen: 46.630 ng
RT: 8.167 min Scan# 813
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:146 Resp: 115610
Ion Ratio Lower Upper
146 100
148 61.8 50.0 75.0
111 38.9 31.0 46.4

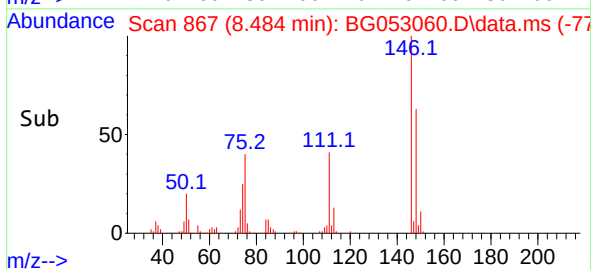
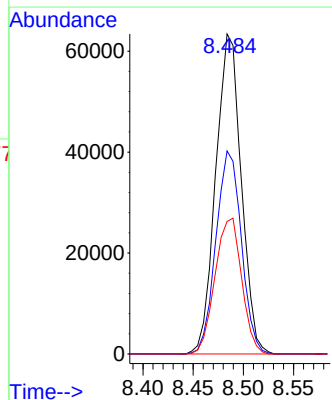
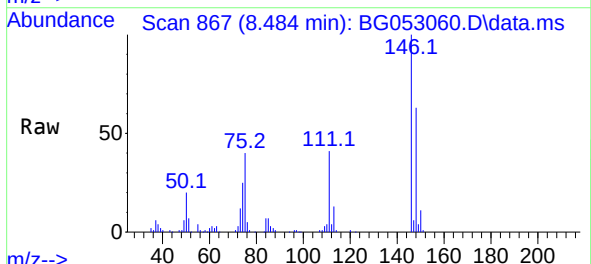
Manual Integrations
APPROVED

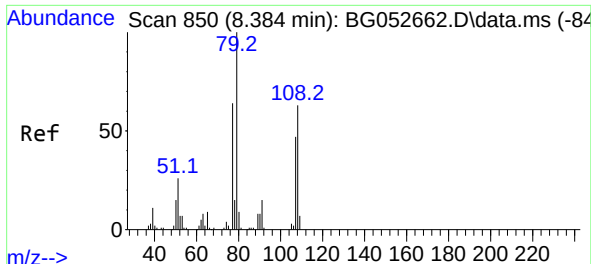
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#14
1,2-Dichlorobenzene
Concen: 47.704 ng
RT: 8.484 min Scan# 867
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

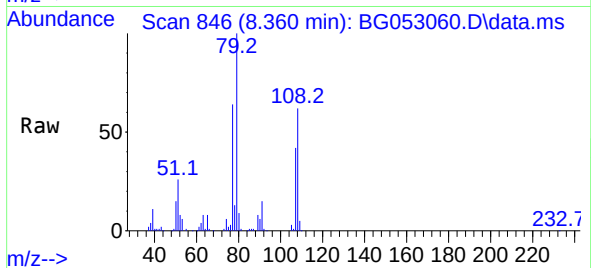
Tgt Ion:146 Resp: 111858
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 41.4 34.7 52.1





#15
Benzyl Alcohol
Concen: 49.769 ng
RT: 8.360 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

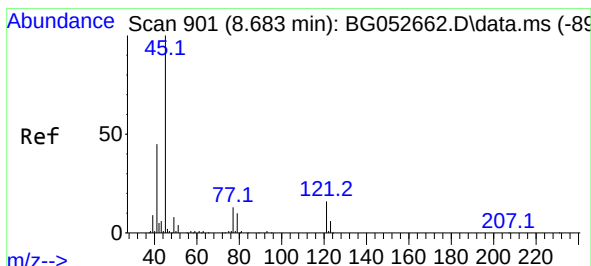
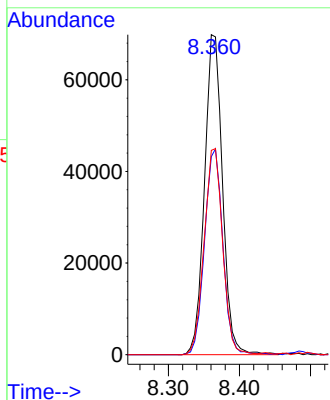
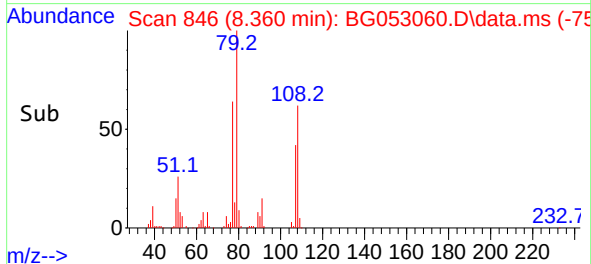
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



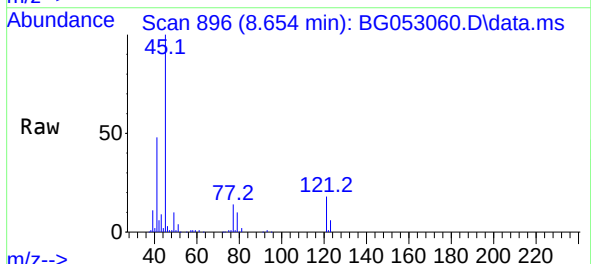
Tgt Ion: 79 Resp: 123227
Ion Ratio Lower Upper
79 100
108 61.9 55.1 82.7
77 63.8 52.4 78.6

Manual Integrations
APPROVED

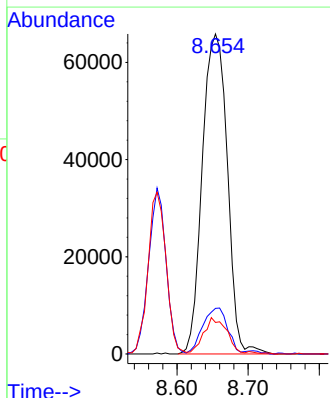
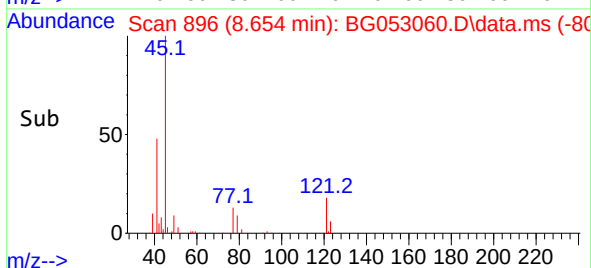
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

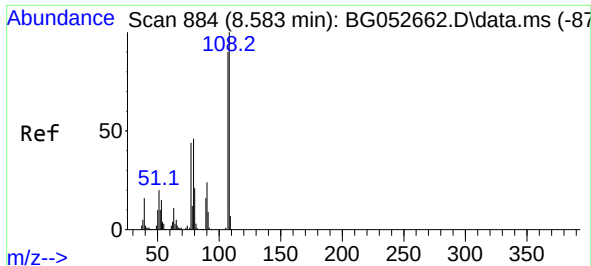


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.193 ng
RT: 8.654 min Scan# 896
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion: 45 Resp: 161069
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.9
79 9.9 0.0 30.7





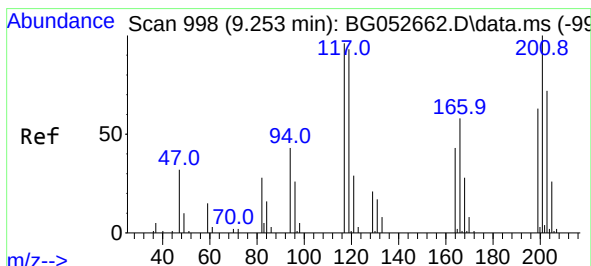
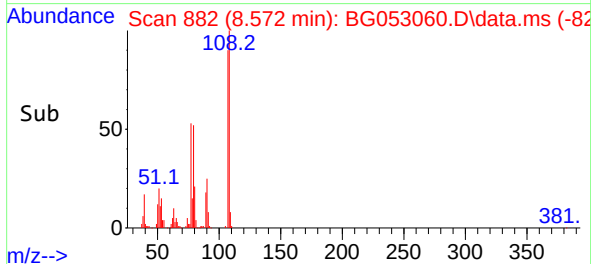
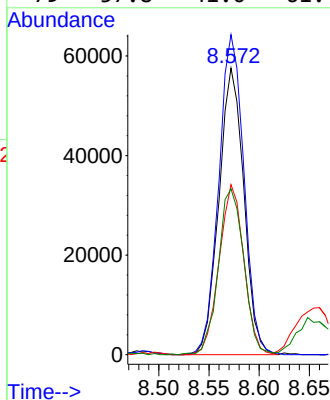
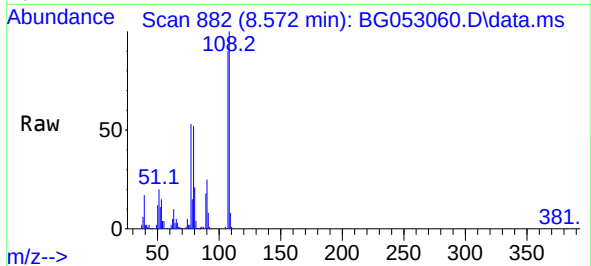
#17
2-Methylphenol
Concen: 51.352 ng
RT: 8.572 min Scan# 884
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:107 Resp: 9937
Ion Ratio Lower Upper
107 100
108 111.7 91.5 137.3
77 59.3 42.5 63.7
79 57.8 41.0 61.4

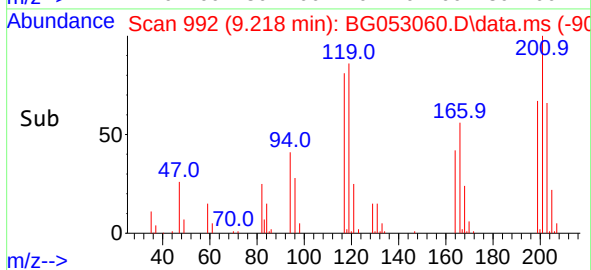
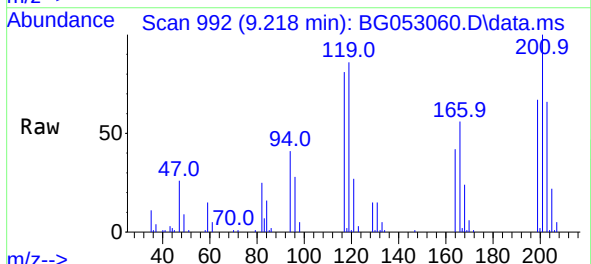
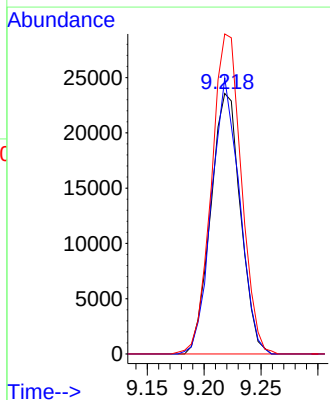
Manual Integrations
APPROVED

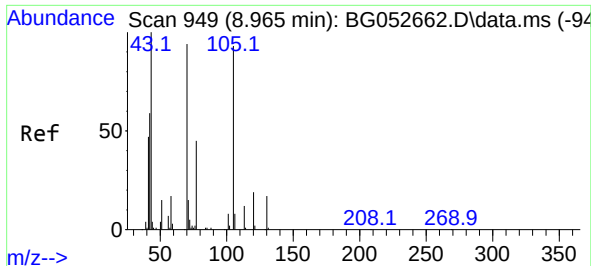
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#18
Hexachloroethane
Concen: 47.129 ng
RT: 9.218 min Scan# 992
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:117 Resp: 42871
Ion Ratio Lower Upper
117 100
119 106.0 75.1 112.7
201 122.9 96.6 145.0





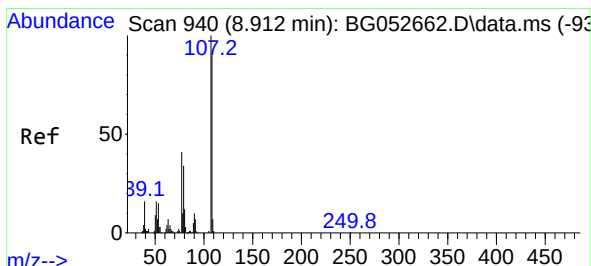
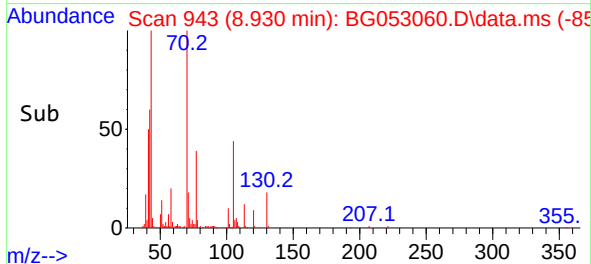
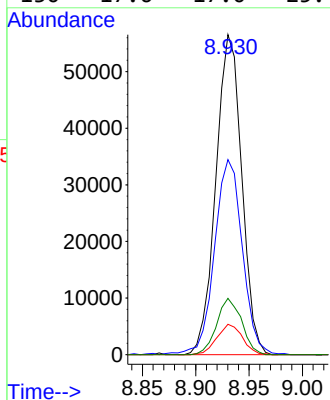
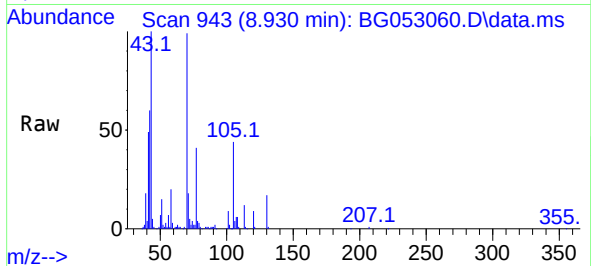
#19
n-Nitroso-di-n-propylamine
Concen: 45.755 ng
RT: 8.930 min Scan# 949
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion: 70 Resp: 9529
Ion Ratio Lower Upper
70 100
42 60.9 46.0 69.0
101 9.5 6.2 9.4
130 17.6 17.0 25.4

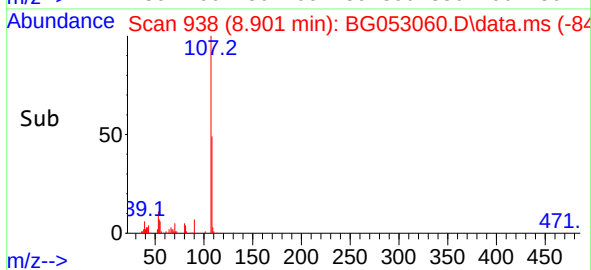
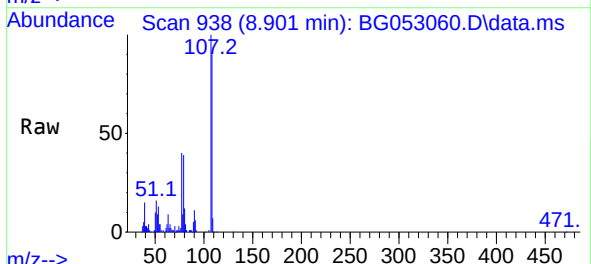
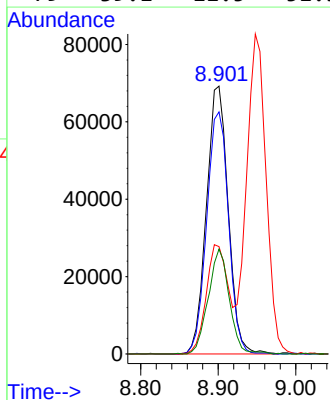
Manual Integrations
APPROVED

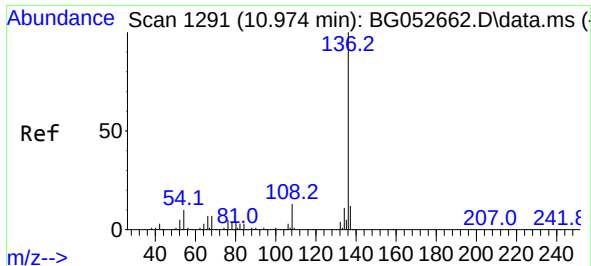
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#20
3+4-Methylphenols
Concen: 49.854 ng
RT: 8.901 min Scan# 938
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:107 Resp: 135009
Ion Ratio Lower Upper
107 100
108 90.4 64.8 104.8
77 40.1 15.9 55.9
79 39.1 11.5 51.5





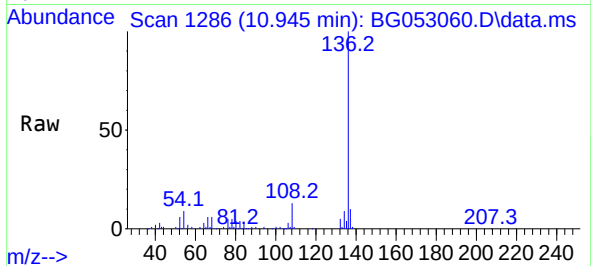
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.945 min Scan# 136878
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

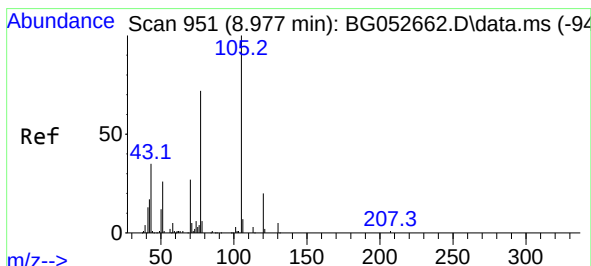
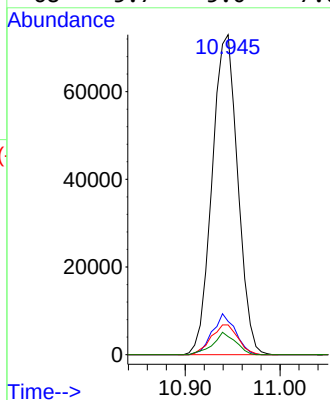
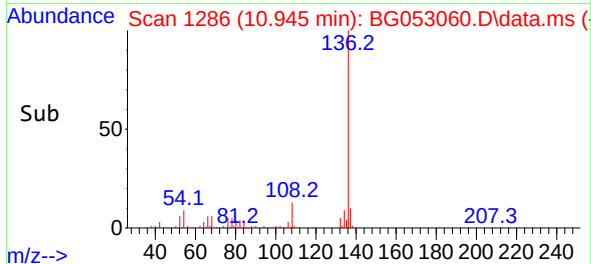


Tgt Ion:136 Resp: 136878
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.2
54 9.3 6.4 9.6
68 5.7 5.0 7.6

Manual Integrations

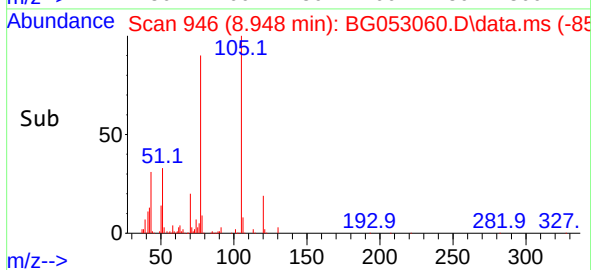
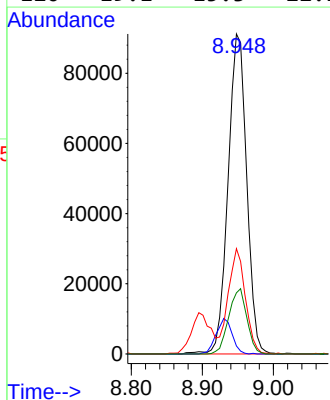
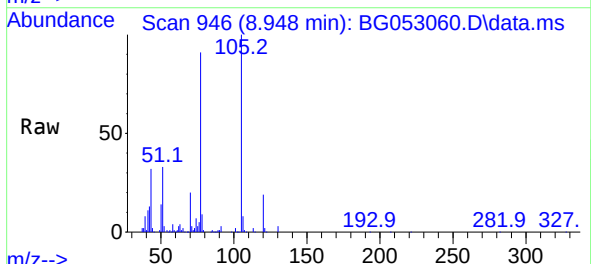
APPROVED

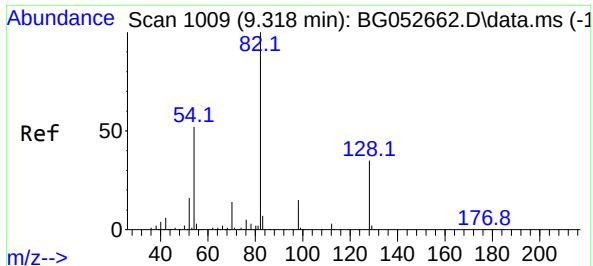
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#22
Acetophenone
Concen: 46.920 ng
RT: 8.948 min Scan# 946
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:105 Resp: 166199
Ion Ratio Lower Upper
105 100
71 2.5 2.1 3.1
51 32.9 21.9 32.9#
120 19.1 15.3 22.9





#23

Nitrobenzene-d5

Concen: 75.174 ng

RT: 9.289 min Scan# 1004

Delta R.T. -0.003 min

Lab File: BG053060.D

Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

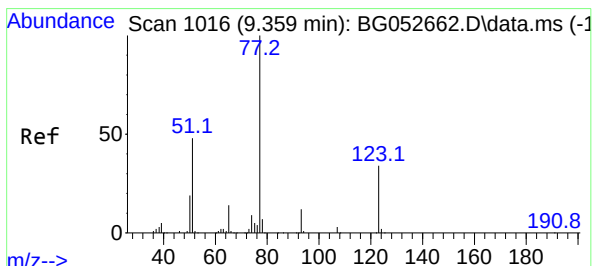
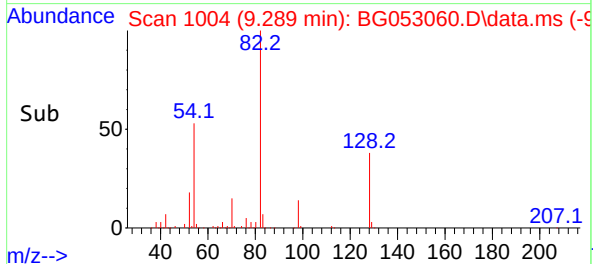
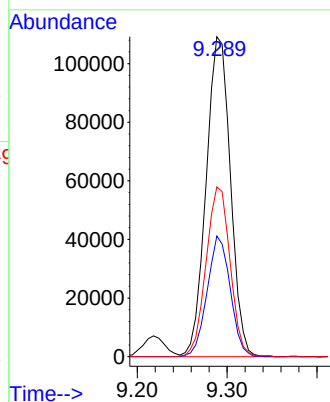
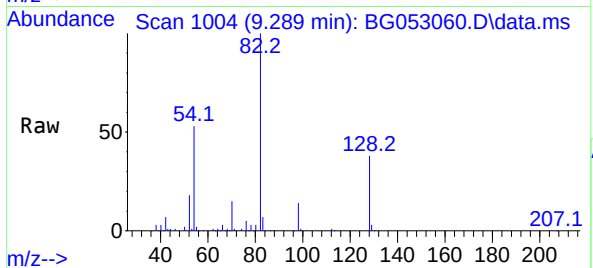
TP-4MSD

Tgt Ion: 82 Resp: 20501
 Ion Ratio Lower Upper
 82 100
 128 37.7 31.3 46.9
 54 53.1 37.8 56.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022



#24

Nitrobenzene

Concen: 53.491 ng

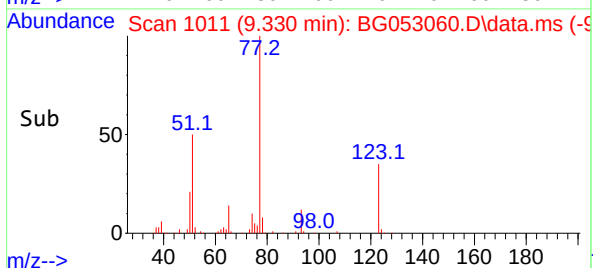
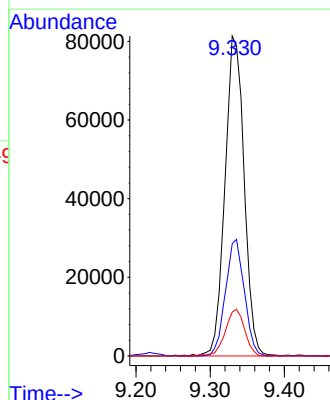
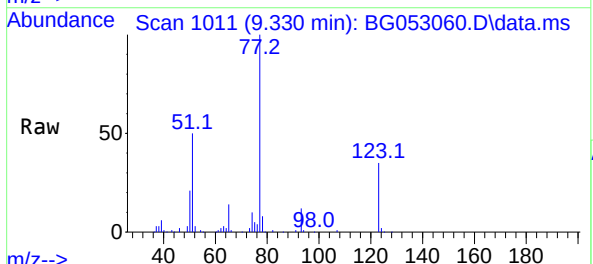
RT: 9.330 min Scan# 1011

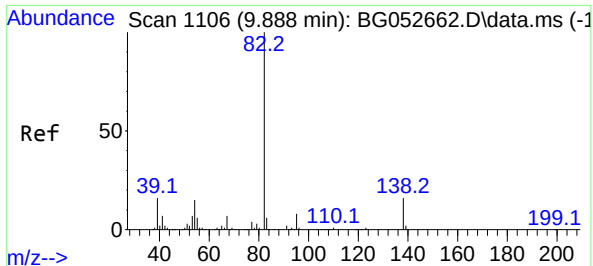
Delta R.T. -0.002 min

Lab File: BG053060.D

Acq: 6 Apr 2022 18:26

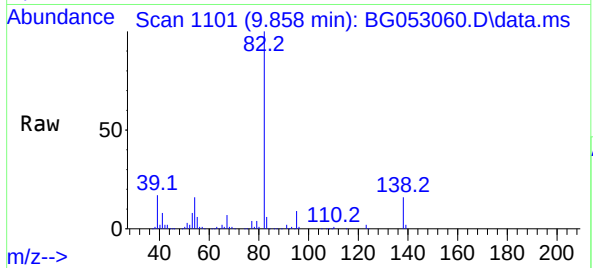
Tgt Ion: 77 Resp: 145964
 Ion Ratio Lower Upper
 77 100
 123 35.0 34.4 51.6
 65 13.7 11.2 16.8





#25
Isophorone
Concen: 48.959 ng
RT: 9.858 min Scan# 1106
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

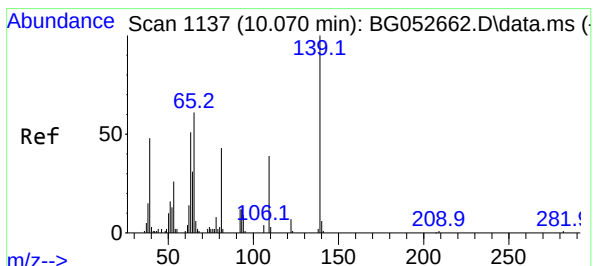
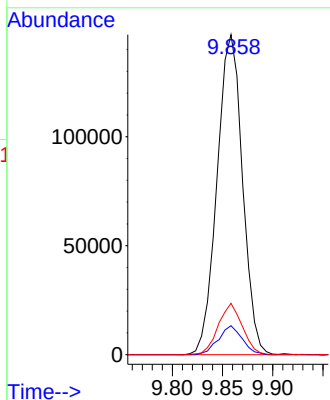
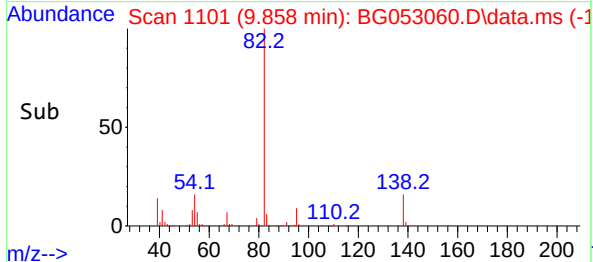
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



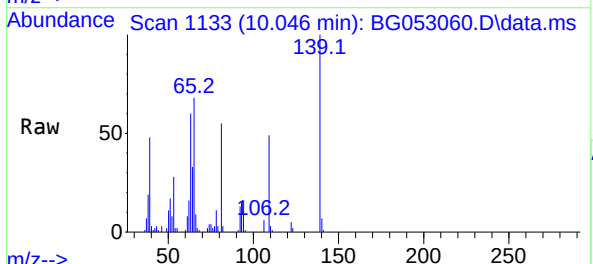
Tgt Ion: 82 Resp: 258538
Ion Ratio Lower Upper
82 100
95 9.1 5.8 8.6
138 16.1 12.6 18.8

Manual Integrations
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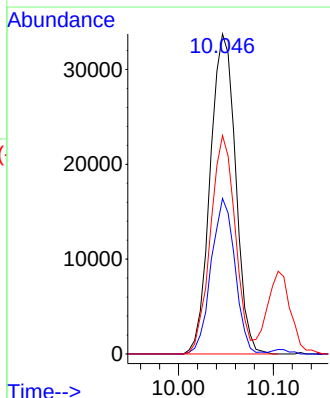
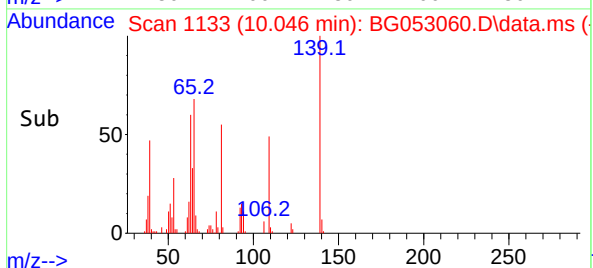
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

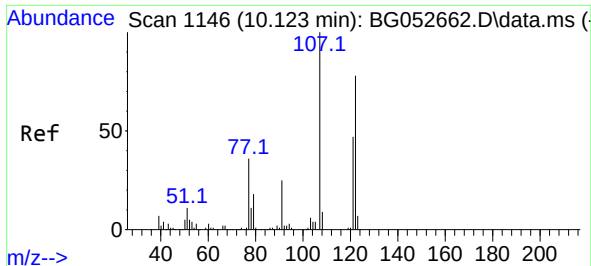


#26
2-Nitrophenol
Concen: 66.122 ng
RT: 10.046 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion:139 Resp: 62657
Ion Ratio Lower Upper
139 100
109 48.6 29.4 44.0#
65 68.2 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 53.876 ng
RT: 10.105 min Scan# 1143
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

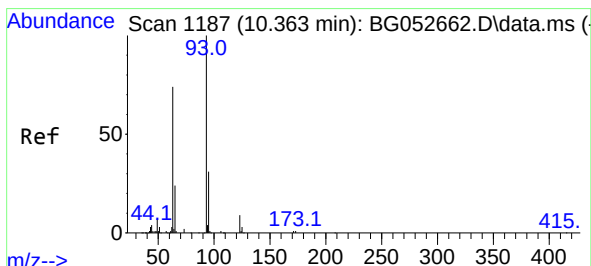
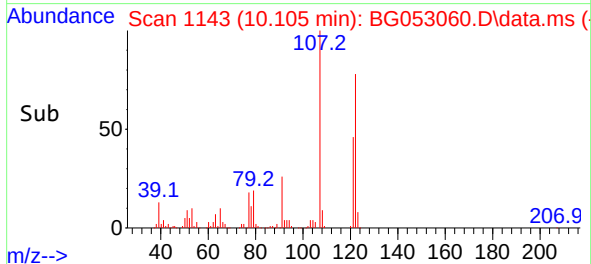
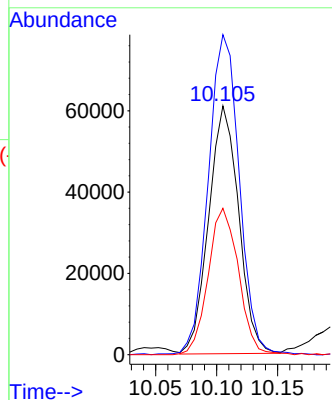
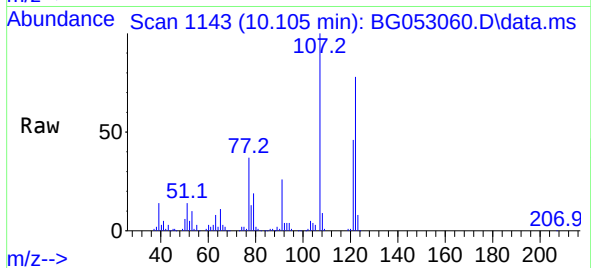
TP-4MSD

Tgt Ion:122 Resp: 104440
Ion Ratio Lower Upper
122 100
107 128.6 96.7 145.1
121 58.8 46.3 69.5

Manual Integrations

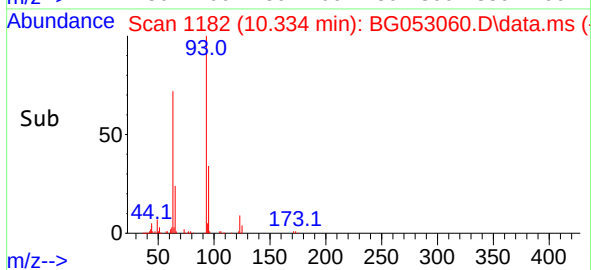
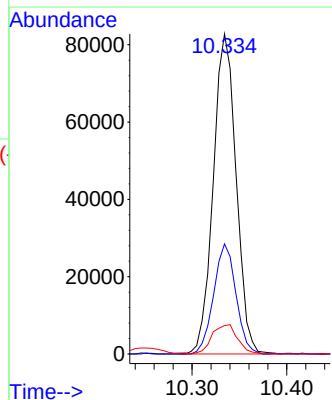
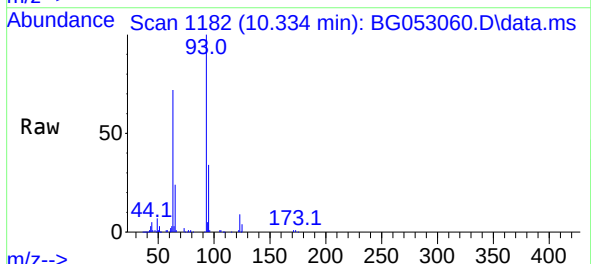
APPROVED

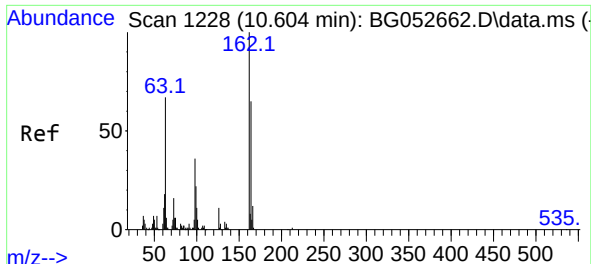
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.438 ng
RT: 10.334 min Scan# 1182
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion: 93 Resp: 138754
Ion Ratio Lower Upper
93 100
95 34.4 26.5 39.7
123 8.8 8.6 12.8





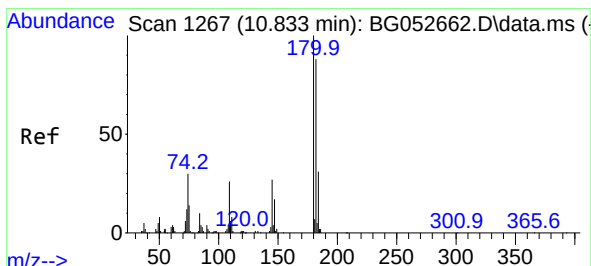
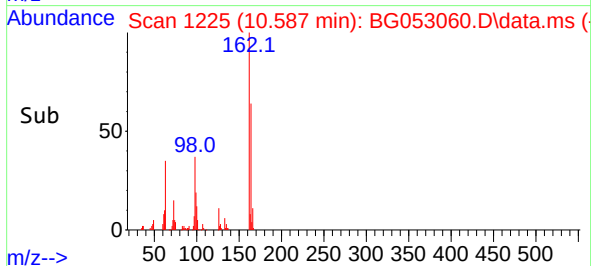
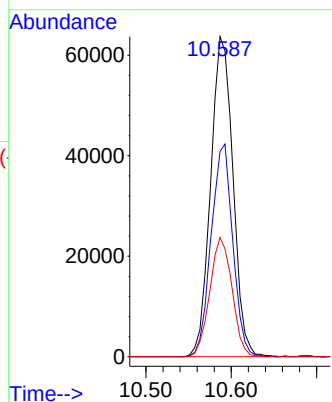
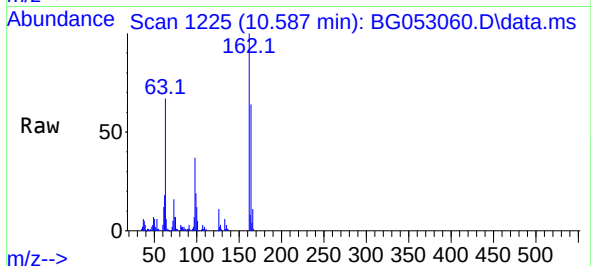
#29
2,4-Dichlorophenol
Concen: 53.111 ng
RT: 10.587 min Scan# 11585
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:162 Resp: 11585
Ion Ratio Lower Upper
162 100
164 64.2 44.0 84.0
98 37.3 17.3 57.3

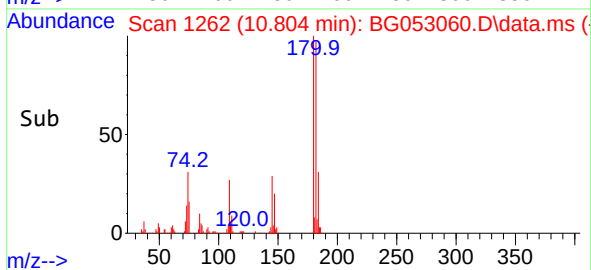
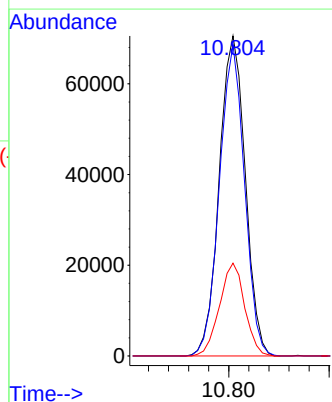
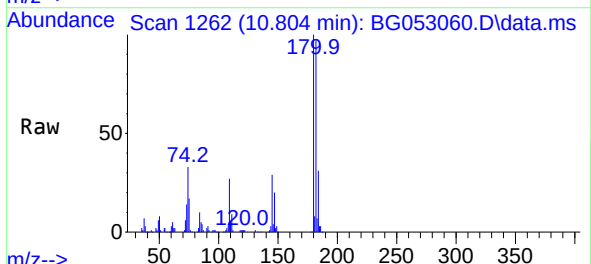
Manual Integrations
APPROVED

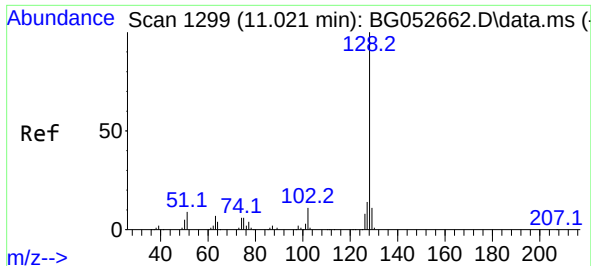
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#30
1,2,4-Trichlorobenzene
Concen: 49.190 ng
RT: 10.804 min Scan# 1262
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:180 Resp: 126585
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.6
145 29.0 24.4 36.6





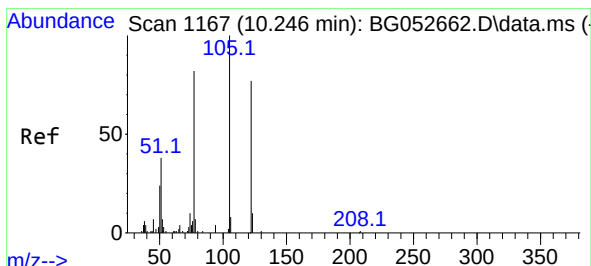
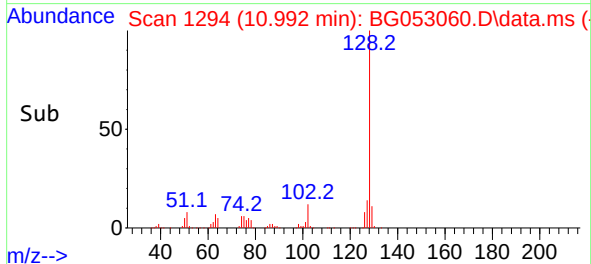
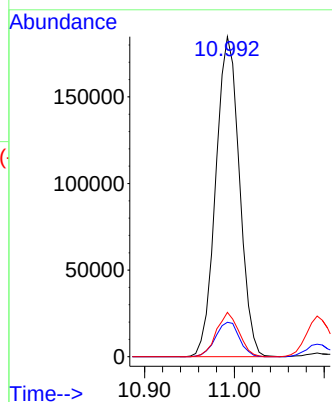
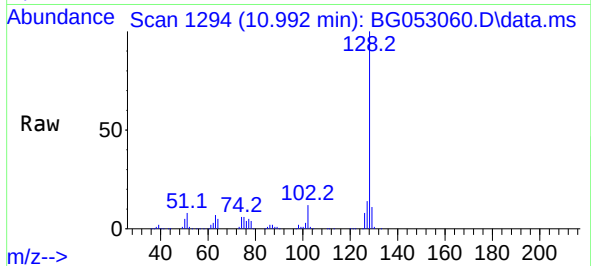
#31
Naphthalene
Concen: 47.615 ng
RT: 10.992 min Scan# 1169
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:128 Resp: 33702
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.9 10.5 15.7

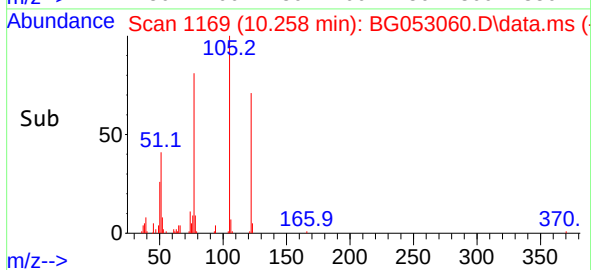
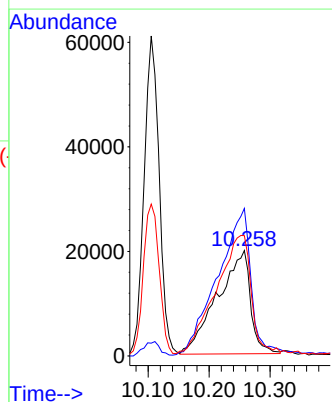
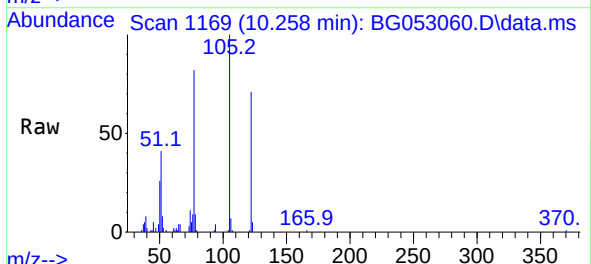
Manual Integrations
APPROVED

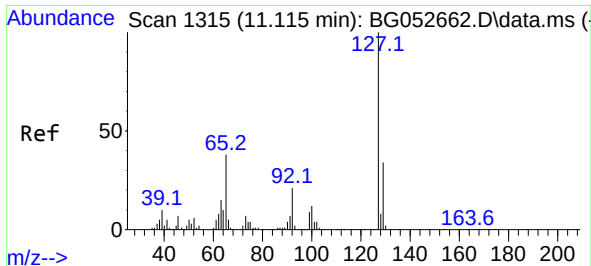
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#32
Benzoic acid
Concen: 51.267 ng
RT: 10.258 min Scan# 1169
Delta R.T. 0.021 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

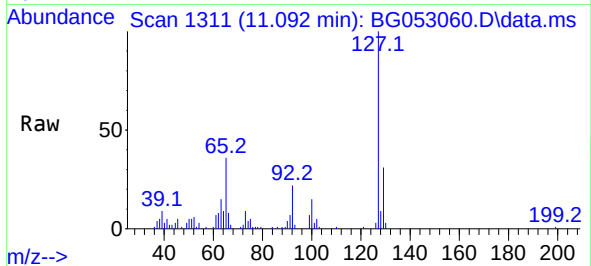
Tgt Ion:122 Resp: 74434
Ion Ratio Lower Upper
122 100
105 139.9 112.8 152.8
77 114.1 78.4 118.4





#33
4-Chloroaniline
Concen: 14.895 ng
RT: 11.092 min Scan# 1109
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

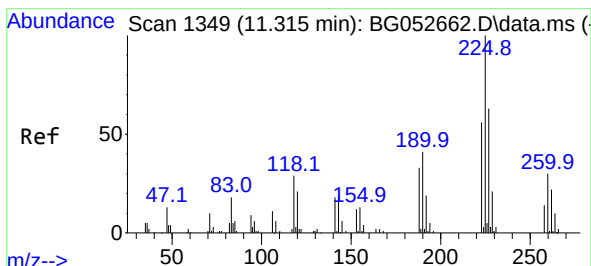
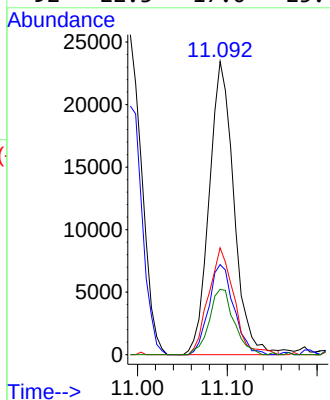
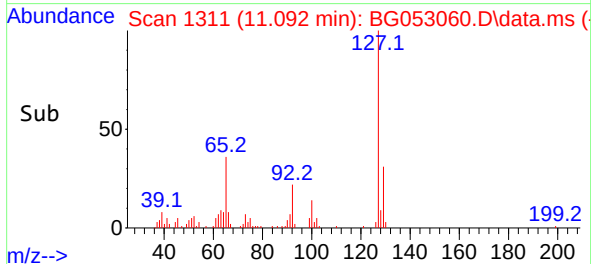


Tgt Ion:127 Resp: 44680

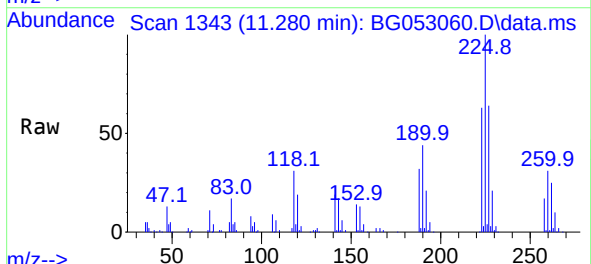
Ion	Ratio	Lower	Upper
127	100		
129	30.7	27.6	41.4
65	36.5	28.2	42.4
92	22.3	17.0	25.4

Manual Integrations
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Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

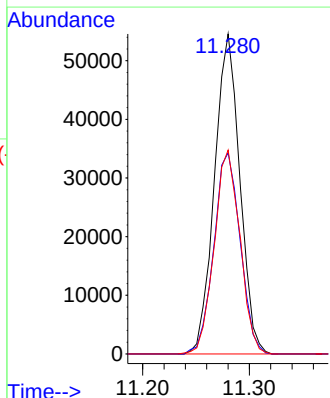
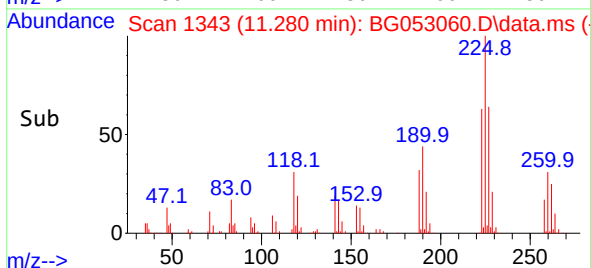


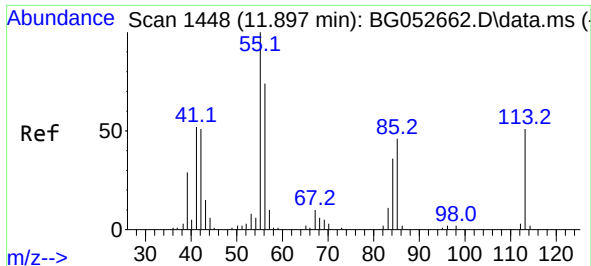
#34
Hexachlorobutadiene
Concen: 48.747 ng
RT: 11.280 min Scan# 1343
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion:225 Resp: 89940

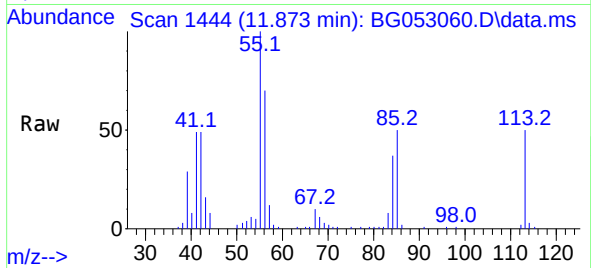
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.7	52.0	78.0





#35
Caprolactam
Concen: 62.540 ng m
RT: 11.873 min Scan# 14
Delta R.T. 0.015 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

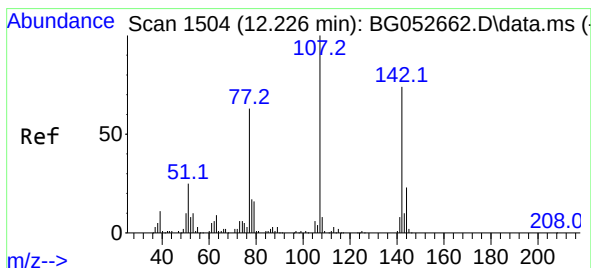
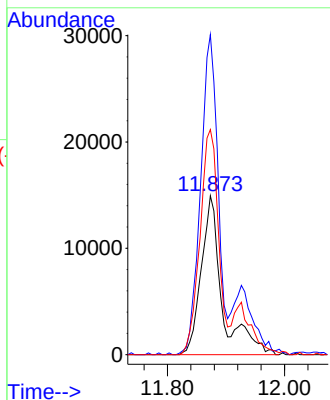
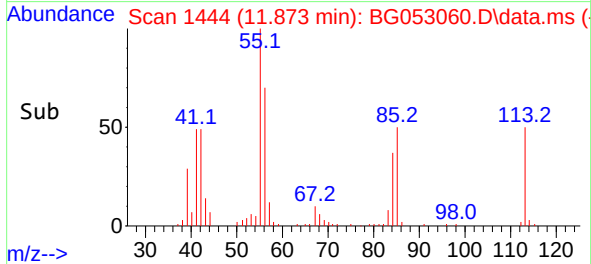
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



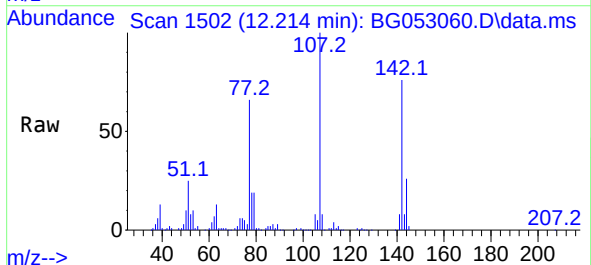
Tgt Ion:113 Resp: 3725
Ion Ratio Lower Upper
113 100
55 201.4 151.3 191.3
56 141.6 128.5 168.5

Manual Integrations
APPROVED

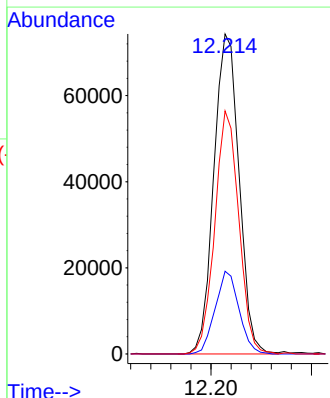
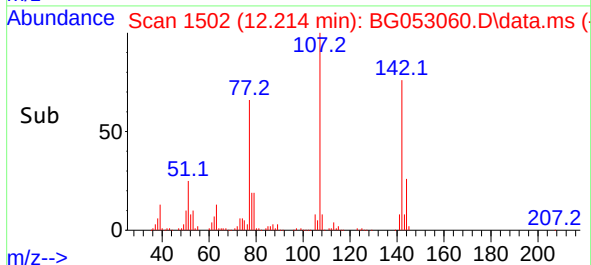
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

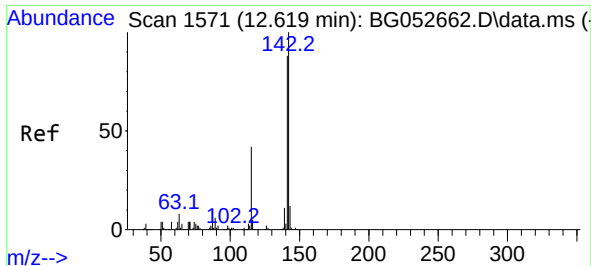


#36
4-Chloro-3-methylphenol
Concen: 51.164 ng
RT: 12.214 min Scan# 1502
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



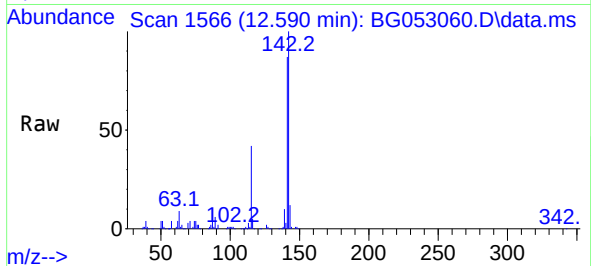
Tgt Ion:107 Resp: 129606
Ion Ratio Lower Upper
107 100
144 25.9 21.4 32.0
142 76.0 61.7 92.5





#37
2-Methylnaphthalene
Concen: 47.111 ng
RT: 12.590 min Scan# 1566
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

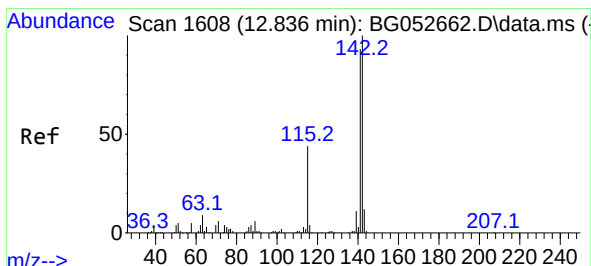
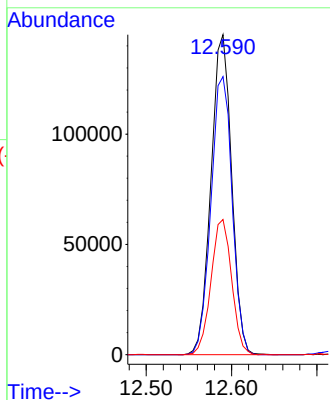
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



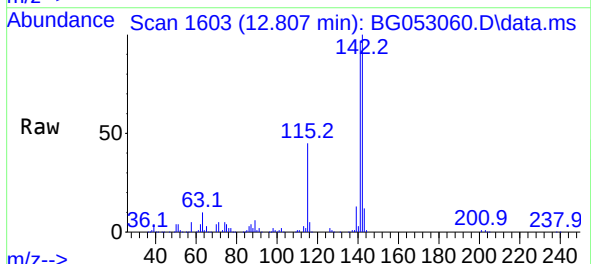
Tgt Ion:142 Resp: 244204
Ion Ratio Lower Upper
142 100
141 86.9 71.3 106.9
115 42.2 29.5 44.3

Manual Integrations
APPROVED

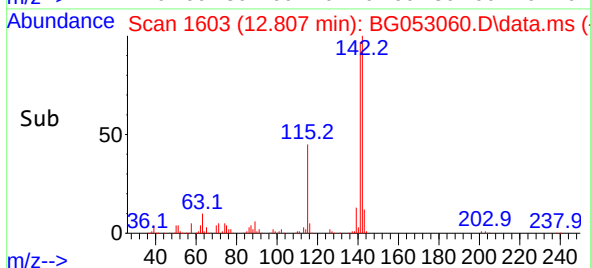
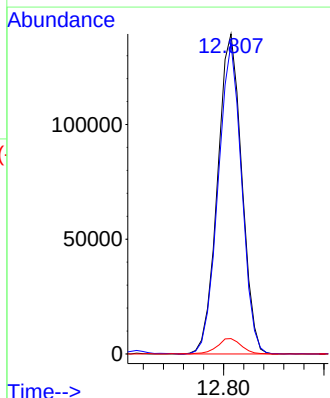
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

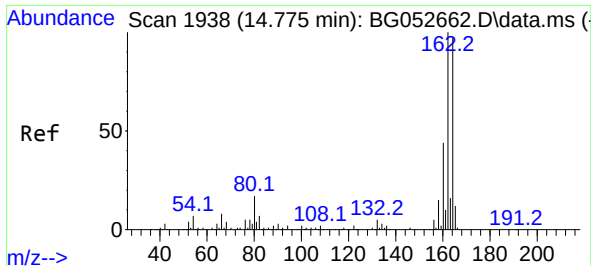


#38
1-Methylnaphthalene
Concen: 46.005 ng
RT: 12.807 min Scan# 1603
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



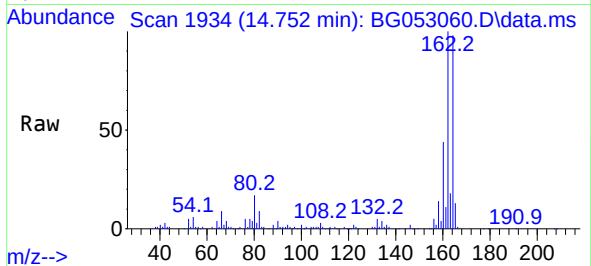
Tgt Ion:142 Resp: 232742
Ion Ratio Lower Upper
142 100
141 97.1 70.5 105.7
116 4.8 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.752 min Scan# 1934
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

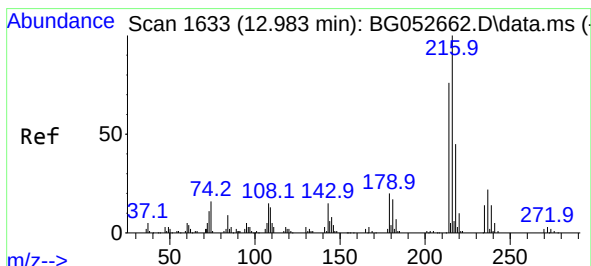
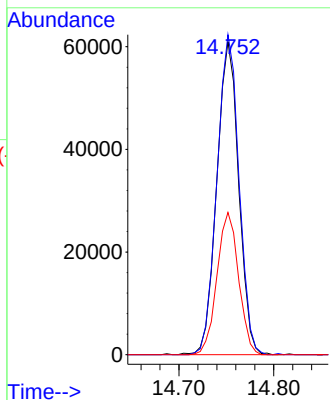
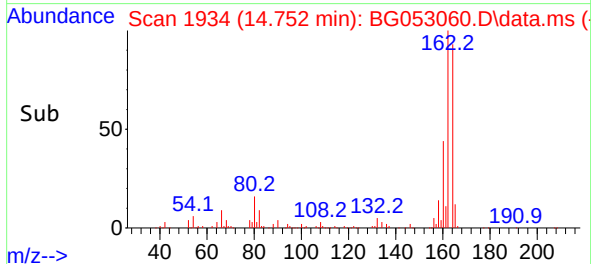
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



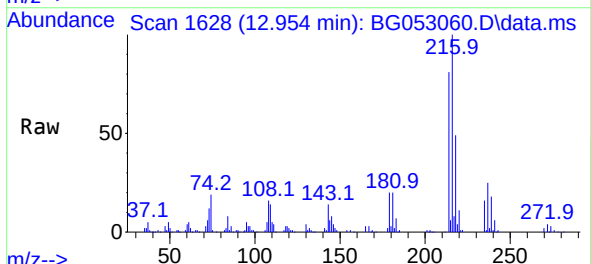
Tgt Ion:164 Resp: 9776
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 45.5 38.8 58.2

Manual Integrations
APPROVED

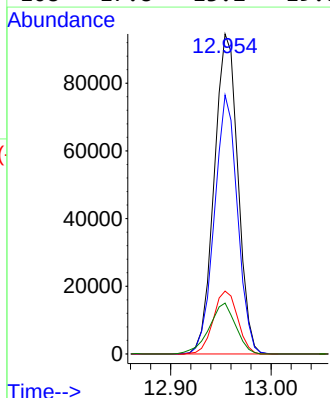
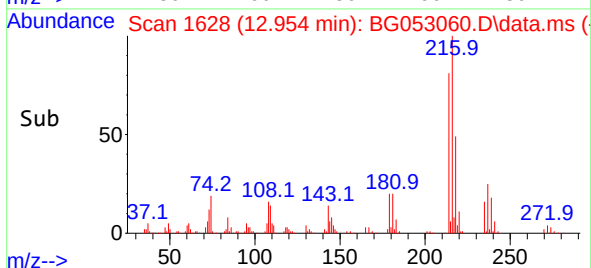
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

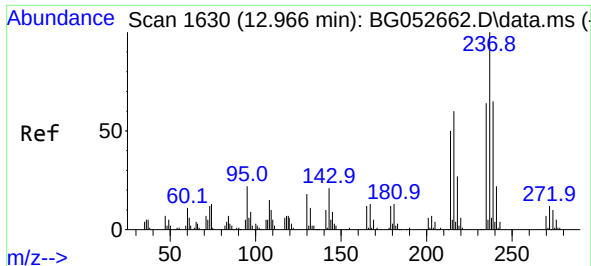


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.554 ng
RT: 12.954 min Scan# 1628
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



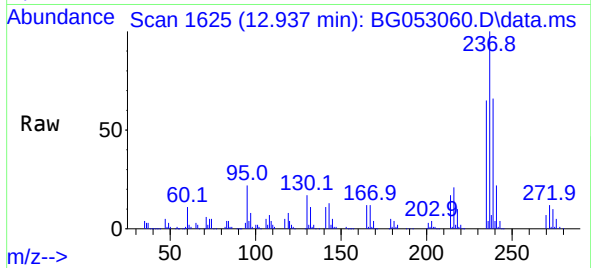
Tgt Ion:216 Resp: 154409
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.6
179 20.2 15.7 23.5
108 17.8 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 84.853 ng
RT: 12.937 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

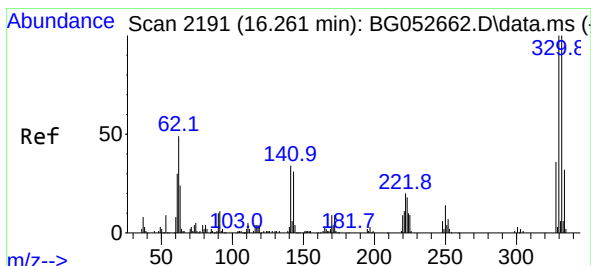
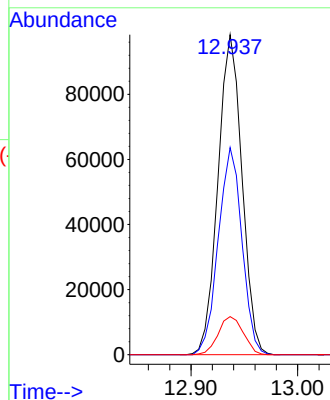
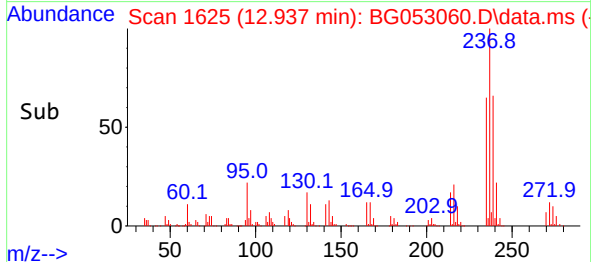
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



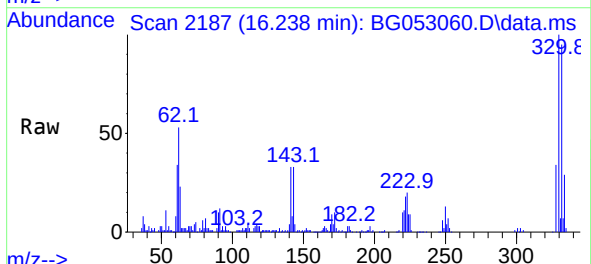
Tgt Ion:237 Resp: 15362
Ion Ratio Lower Upper
237 100
235 64.7 37.7 77.7
272 11.9 0.0 30.7

Manual Integrations
APPROVED

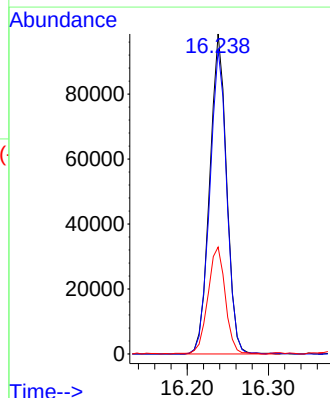
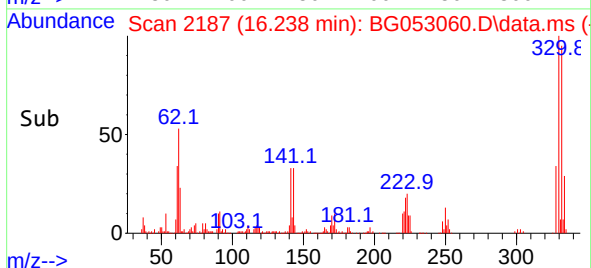
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

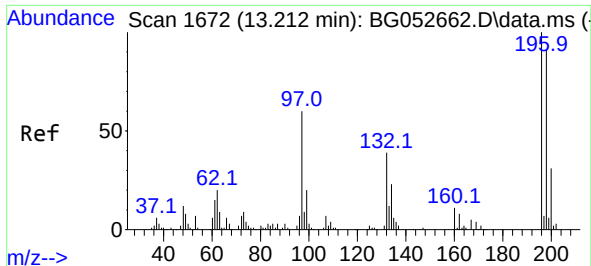


#42
2,4,6-Tribromophenol
Concen: 107.894 ng
RT: 16.238 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion:330 Resp: 141737
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 34.6 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 55.389 ng
RT: 13.189 min Scan# 1668
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

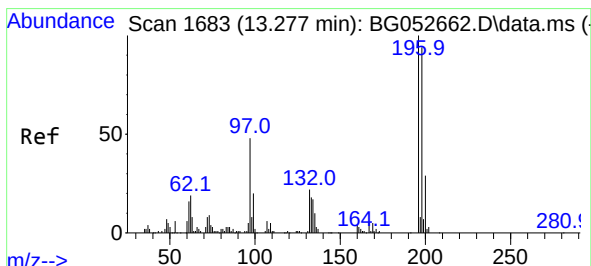
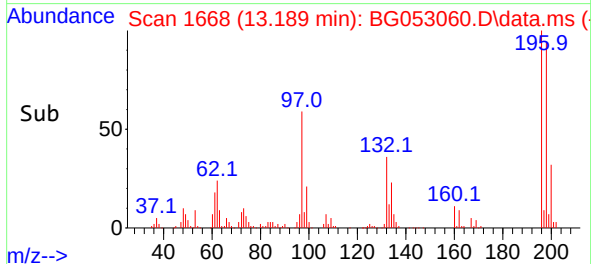
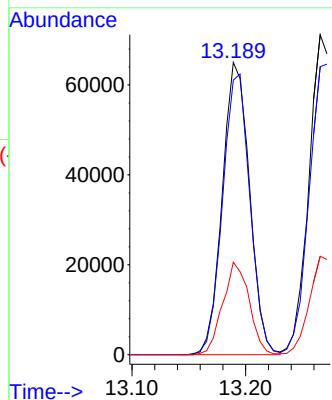
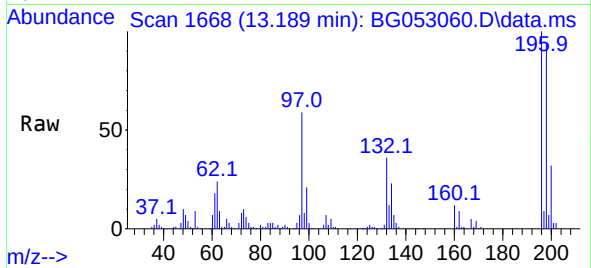
TP-4MSD

Tgt Ion:196 Resp: 108339
Ion Ratio Lower Upper
196 100
198 93.9 78.8 118.2
200 31.6 25.1 37.7

Manual Integrations

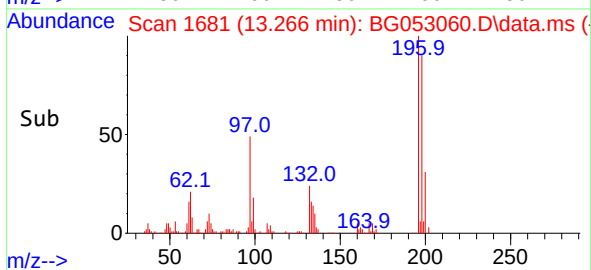
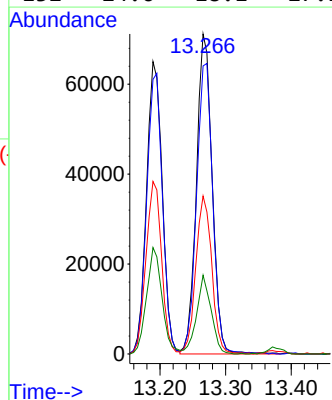
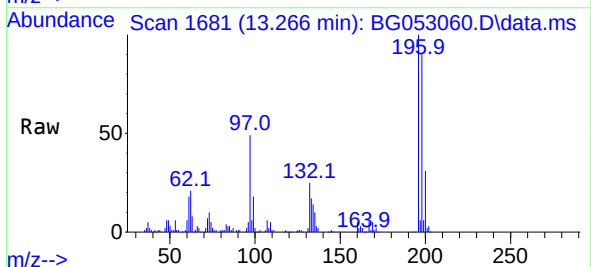
APPROVED

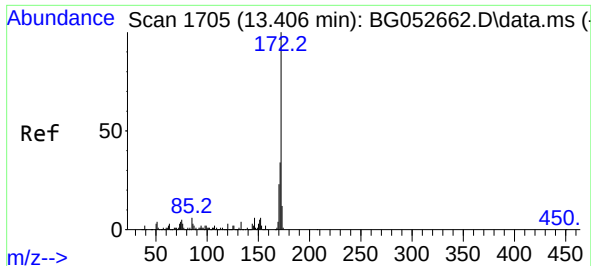
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#44
2,4,5-Trichlorophenol
Concen: 60.113 ng
RT: 13.266 min Scan# 1681
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:196 Resp: 119343
Ion Ratio Lower Upper
196 100
198 90.0 75.8 113.6
97 49.4 36.5 54.7
132 24.6 18.1 27.1





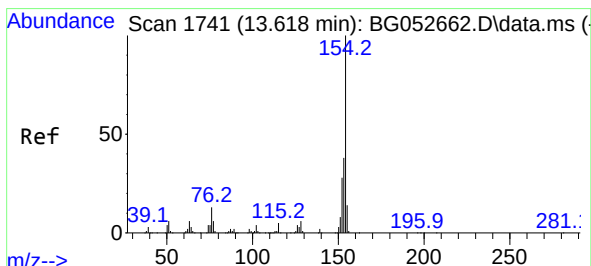
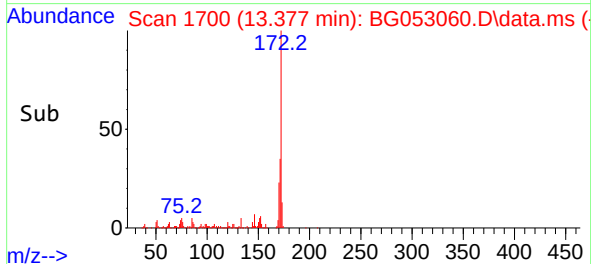
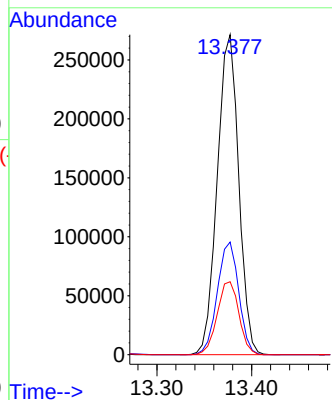
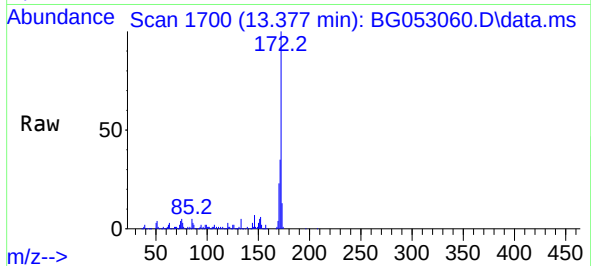
#45
2-Fluorobiphenyl
Concen: 64.377 ng
RT: 13.377 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:172 Resp: 426730
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.8 18.0 27.0

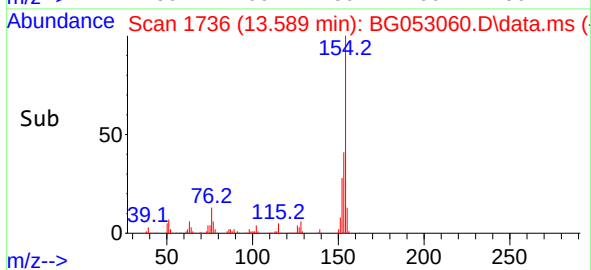
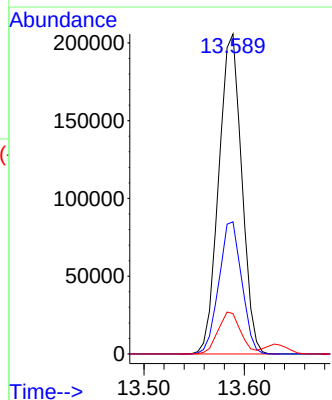
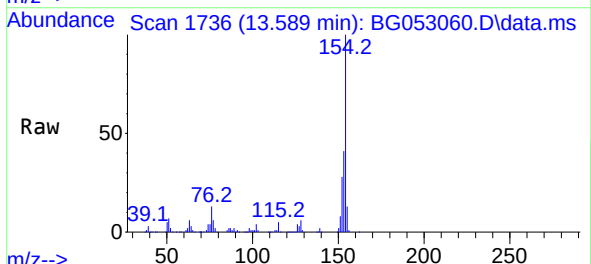
Manual Integrations
APPROVED

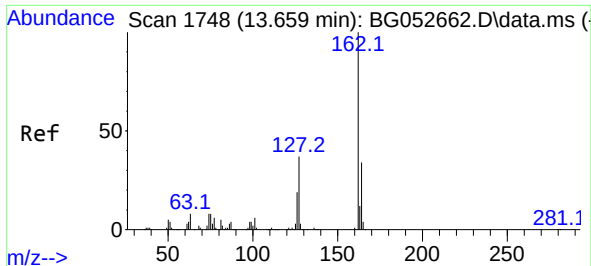
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#46
1,1'-Biphenyl
Concen: 47.739 ng
RT: 13.589 min Scan# 1736
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

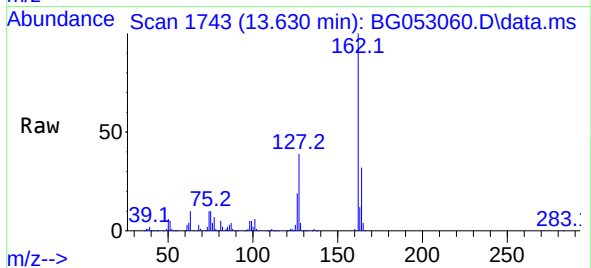
Tgt Ion:154 Resp: 326390
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 12.6 0.0 31.5





#47
2-Chloronaphthalene
Concen: 48.483 ng
RT: 13.630 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

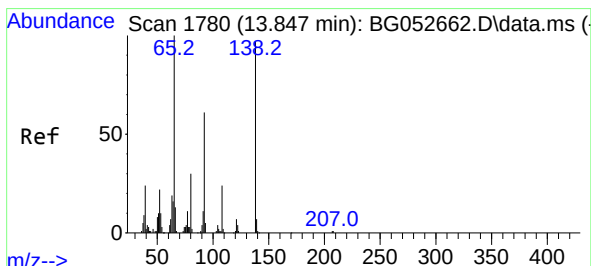
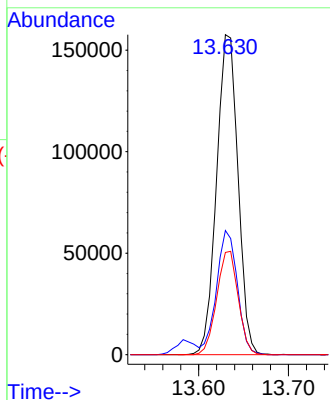
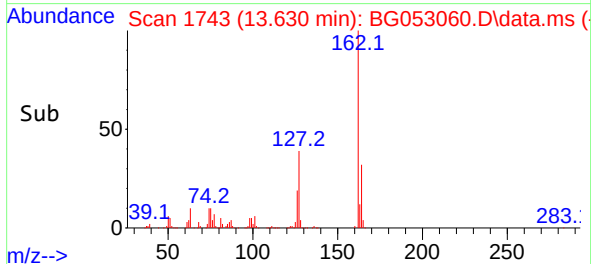
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



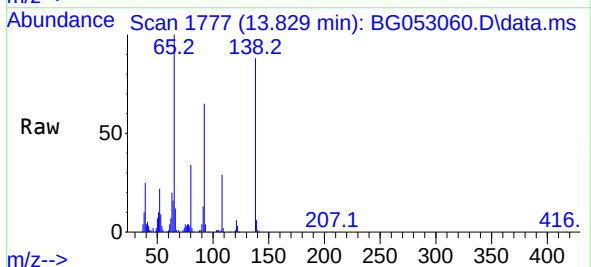
Tgt Ion:162 Resp: 26104
Ion Ratio Lower Upper
162 100
127 38.8 28.1 42.1
164 31.9 26.0 39.0

Manual Integrations
APPROVED

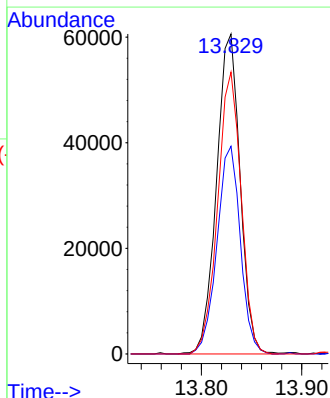
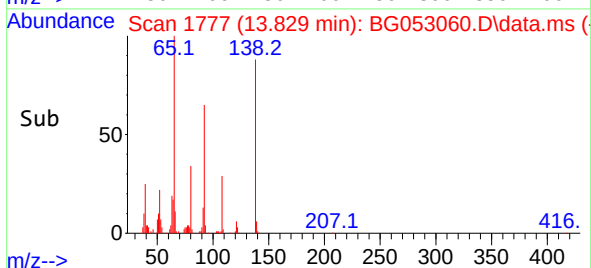
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

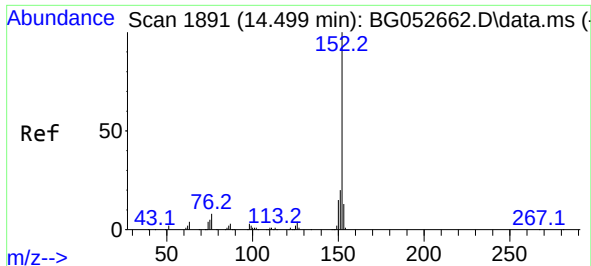


#48
2-Nitroaniline
Concen: 67.085 ng
RT: 13.829 min Scan# 1777
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



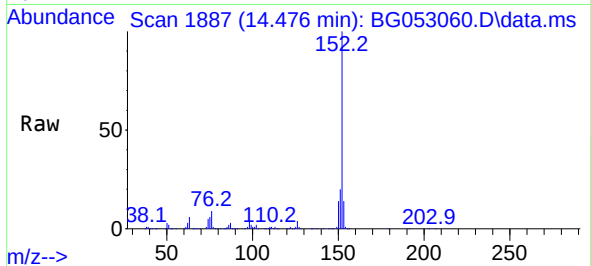
Tgt Ion: 65 Resp: 98783
Ion Ratio Lower Upper
65 100
92 64.9 52.1 78.1
138 88.1 80.1 120.1





#49
Acenaphthylene
Concen: 51.334 ng
RT: 14.476 min Scan# 1887
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

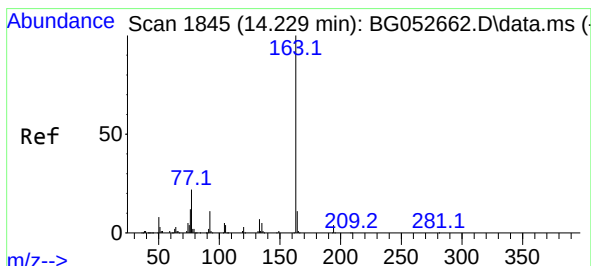
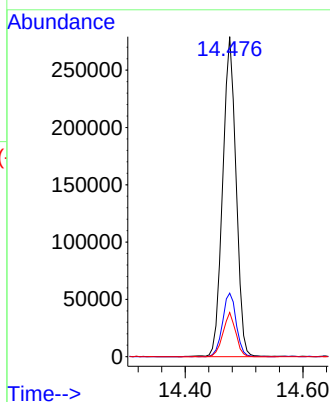
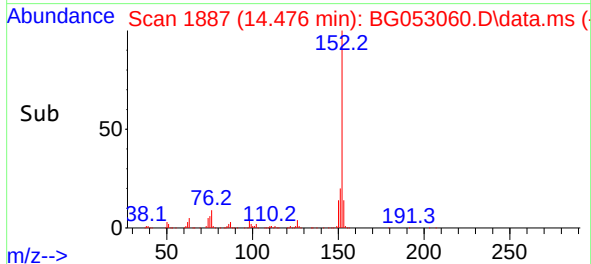
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



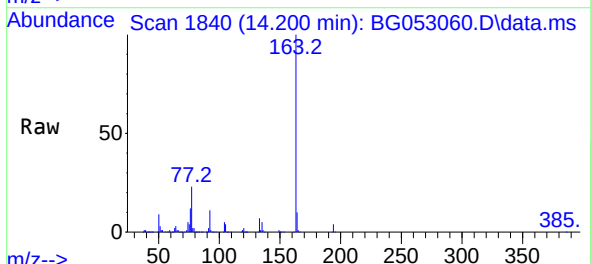
Tgt Ion:152 Resp: 44059
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.8 10.6 15.8

Manual Integrations
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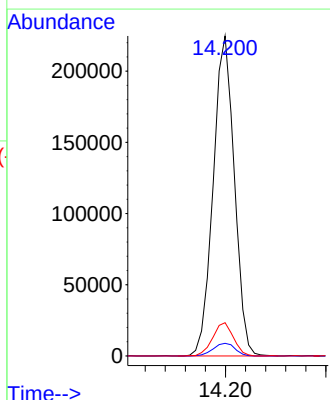
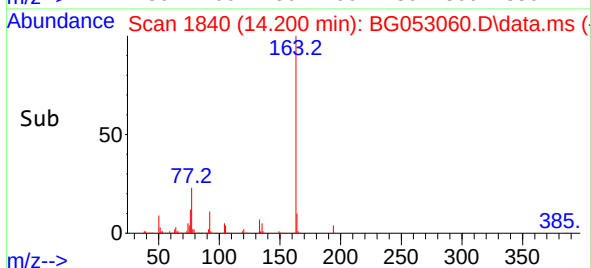
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

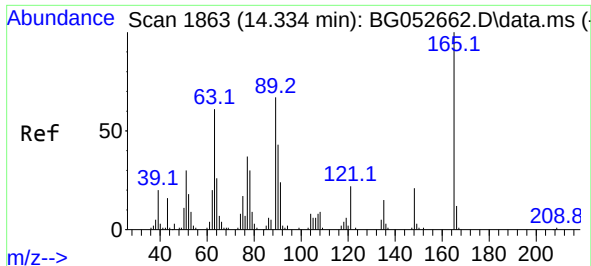


#50
Dimethylphthalate
Concen: 45.202 ng
RT: 14.200 min Scan# 1840
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



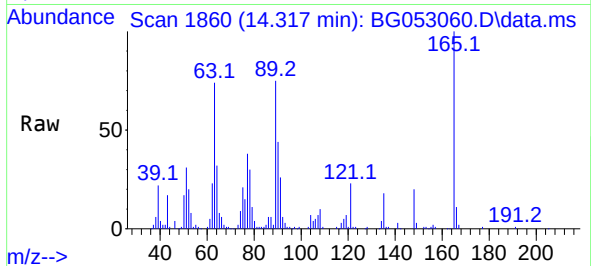
Tgt Ion:163 Resp: 328430
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 60.291 ng
RT: 14.317 min Scan# 1860
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

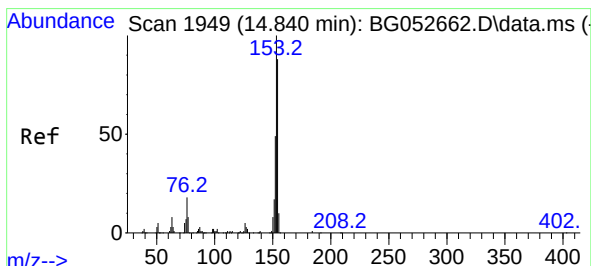
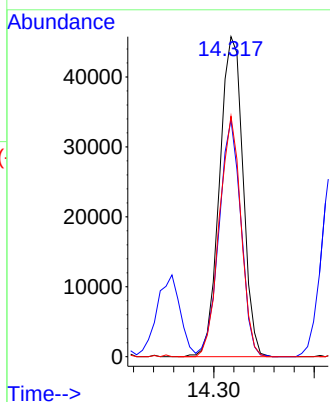
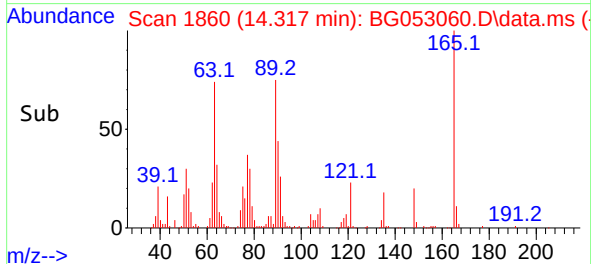
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:165 Resp: 73962
Ion Ratio Lower Upper
165 100
63 74.0 43.7 65.5
89 75.1 45.0 67.4

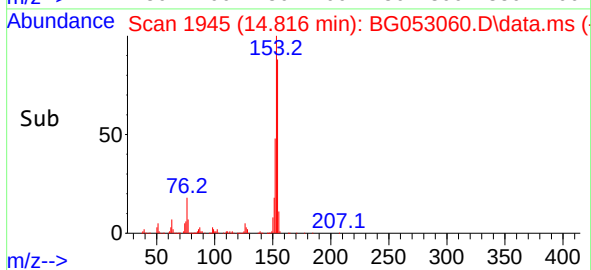
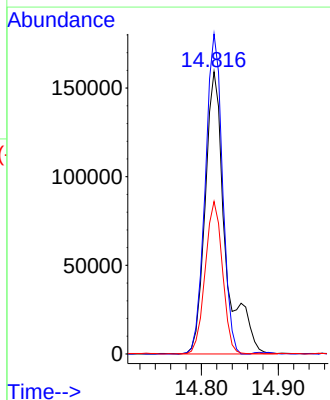
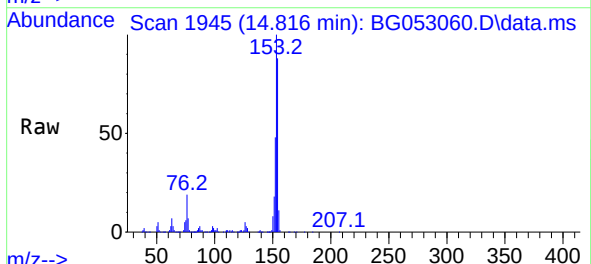
Manual Integrations
APPROVED

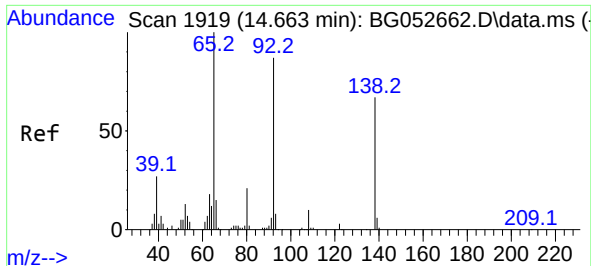
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#52
Acenaphthene
Concen: 52.815 ng m
RT: 14.816 min Scan# 1945
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

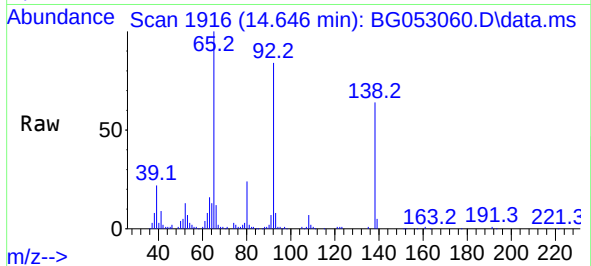
Tgt Ion:154 Resp: 290405
Ion Ratio Lower Upper
154 100
153 113.4 89.0 133.4
152 54.0 40.5 60.7





#53
3-Nitroaniline
Concen: 34.189 ng
RT: 14.646 min Scan# 1916
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

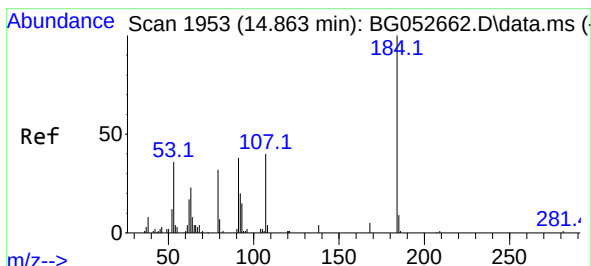
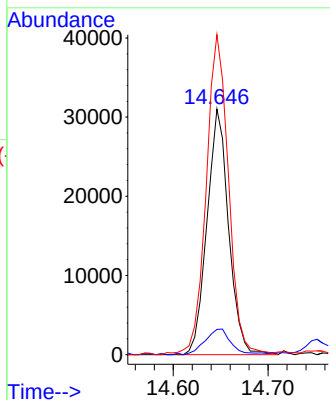
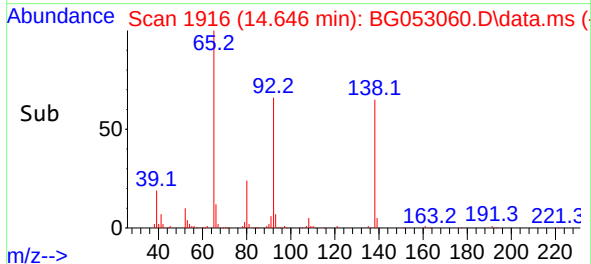
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



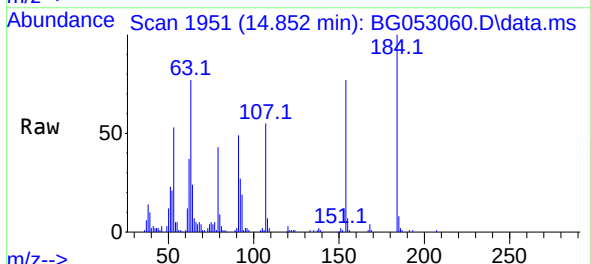
Tgt Ion:138 Resp: 49078
Ion Ratio Lower Upper
138 100
108 10.3 8.0 12.0
92 130.3 96.2 144.2

Manual Integrations
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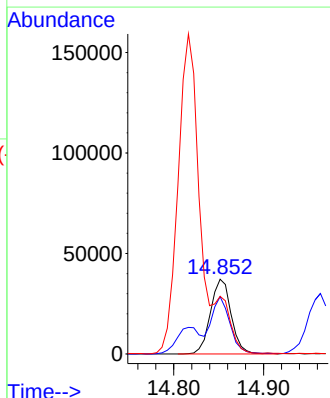
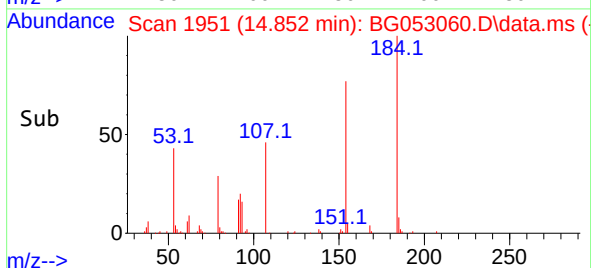
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

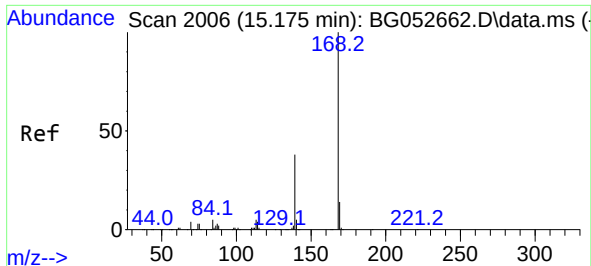


#54
2,4-Dinitrophenol
Concen: 89.015 ng
RT: 14.852 min Scan# 1951
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion:184 Resp: 59523
Ion Ratio Lower Upper
184 100
63 76.7 51.8 77.6
154 77.0 47.8 71.6#





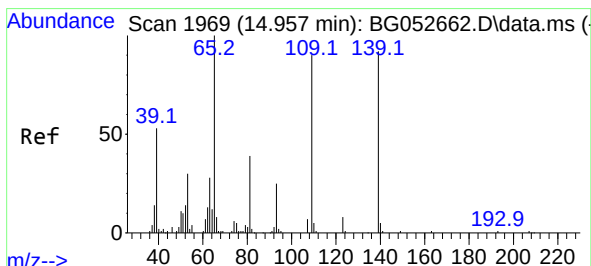
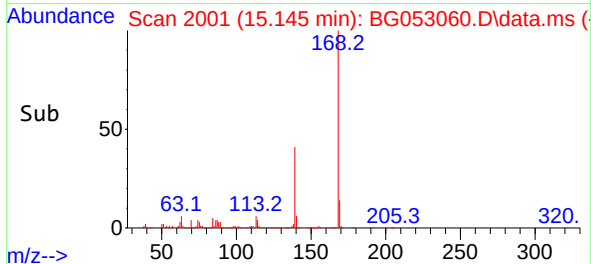
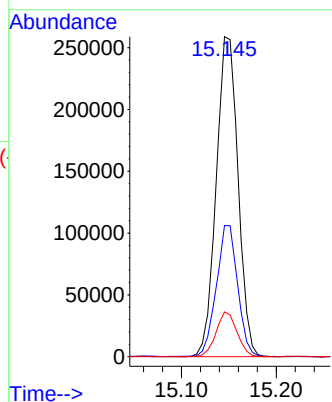
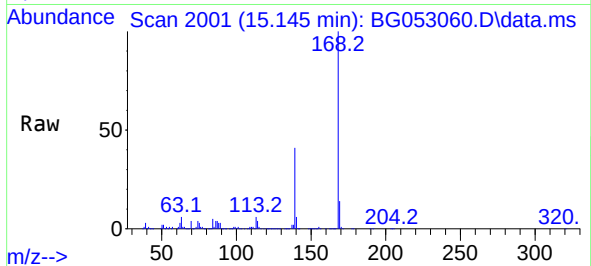
#55
Dibenzenofuran
Concen: 46.133 ng
RT: 15.145 min Scan# 2001
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:168 Resp: 414244
Ion Ratio Lower Upper
168 100
139 41.0 30.2 45.4
169 14.0 10.7 16.1

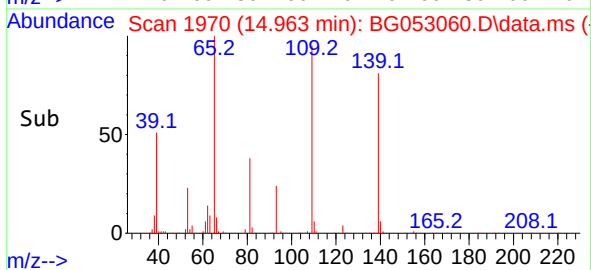
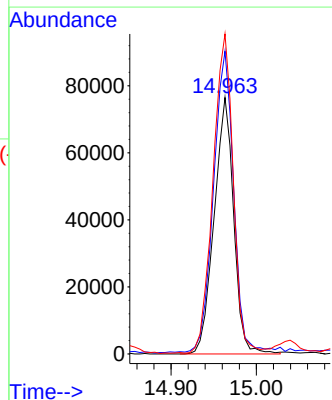
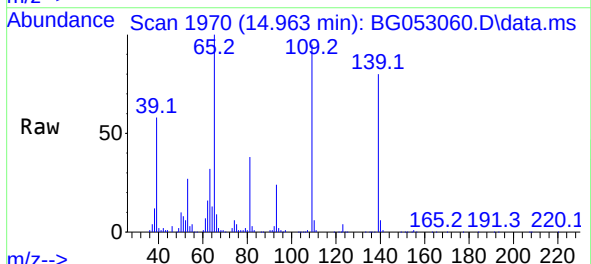
Manual Integrations
APPROVED

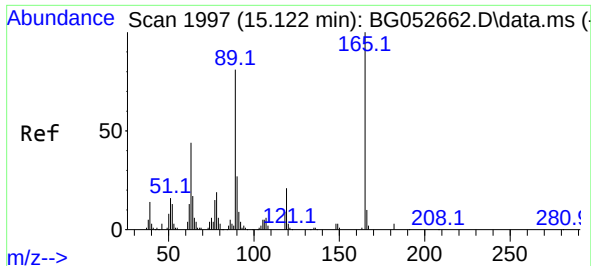
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#56
4-Nitrophenol
Concen: 104.087 ng
RT: 14.963 min Scan# 1970
Delta R.T. 0.021 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

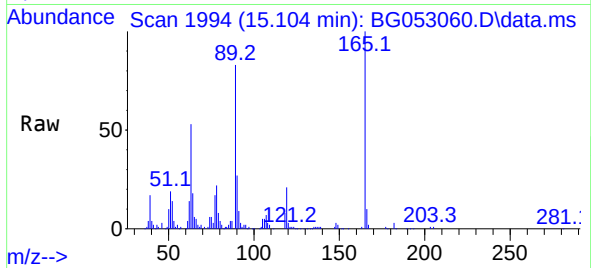
Tgt Ion:139 Resp: 121881
Ion Ratio Lower Upper
139 100
109 118.0 67.1 107.1#
65 124.7 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 60.341 ng
RT: 15.104 min Scan# 1994
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

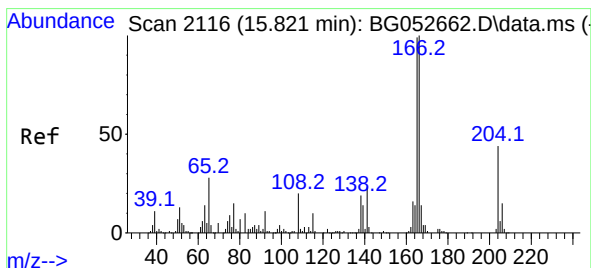
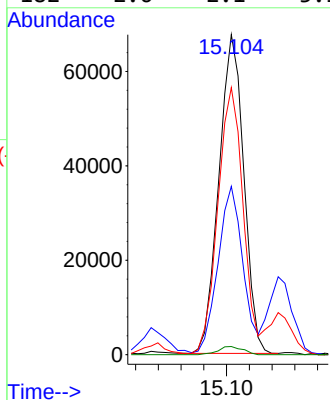
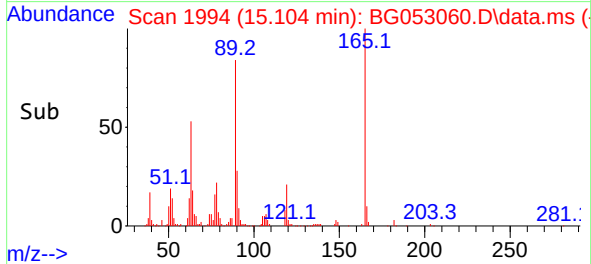
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



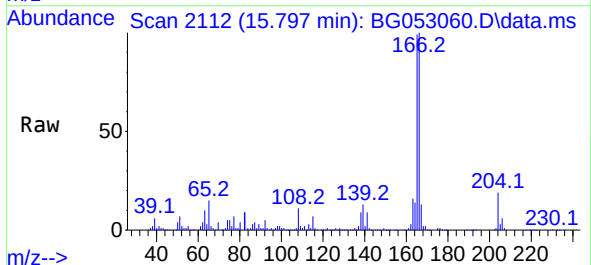
Tgt Ion:165 Resp: 102707
Ion Ratio Lower Upper
165 100
63 52.6 34.8 52.2
89 83.5 57.4 86.0
182 2.6 2.1 3.1

Manual Integrations
APPROVED

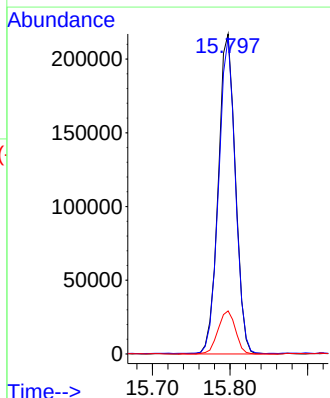
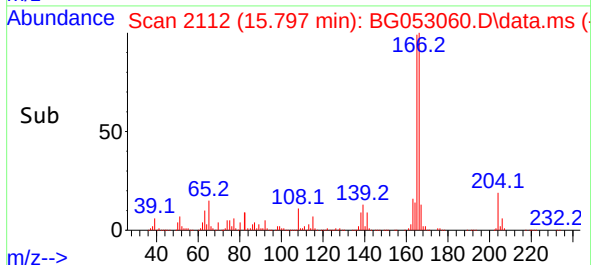
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

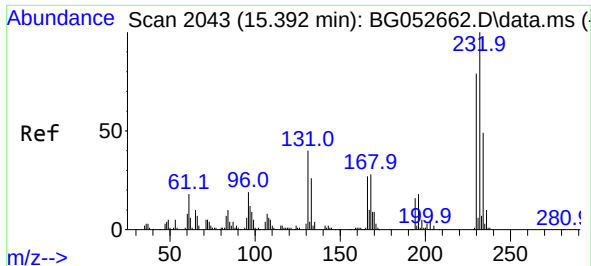


#58
Fluorene
Concen: 45.561 ng
RT: 15.797 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



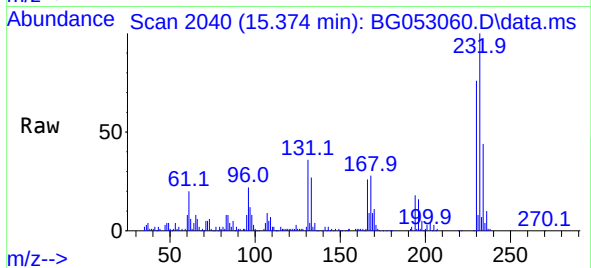
Tgt Ion:166 Resp: 333487
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.560 ng
RT: 15.374 min Scan# 2040
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

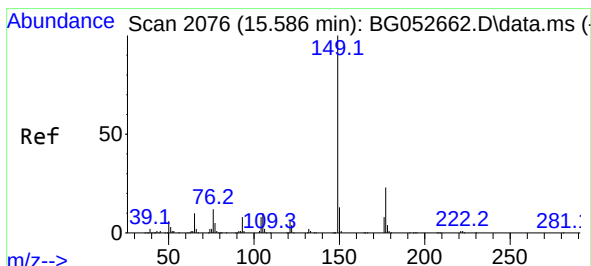
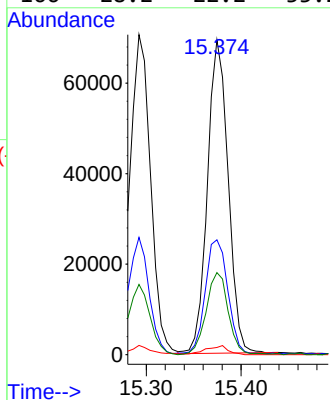
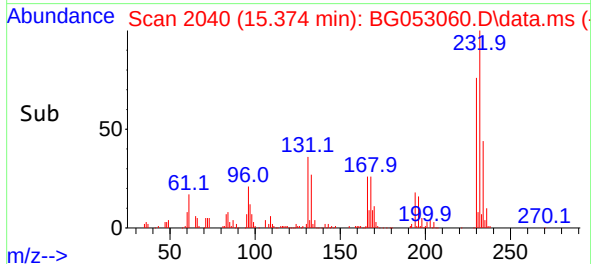
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



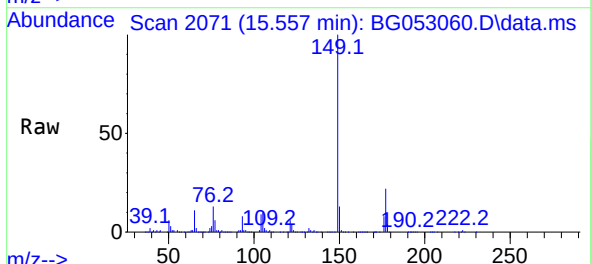
Tgt Ion:232 Resp: 105168
Ion Ratio Lower Upper
232 100
131 39.6 30.1 45.1
130 3.1 1.8 2.8
166 28.2 22.2 33.2

Manual Integrations
APPROVED

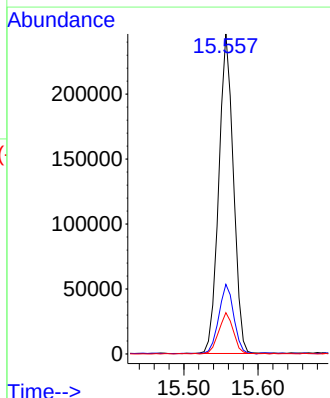
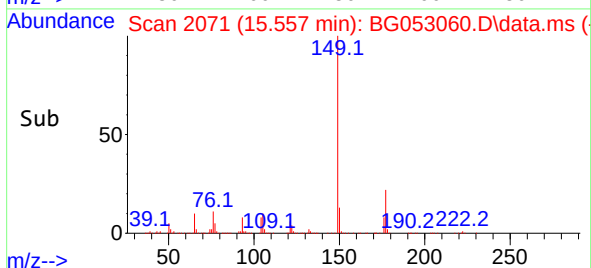
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

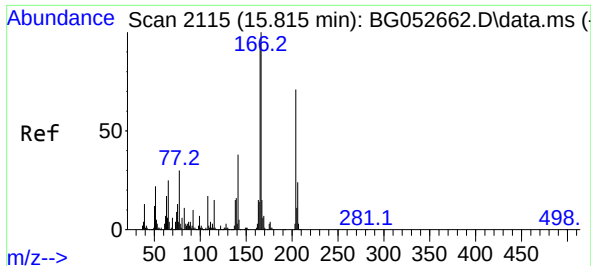


#60
Diethylphthalate
Concen: 43.881 ng
RT: 15.557 min Scan# 2071
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



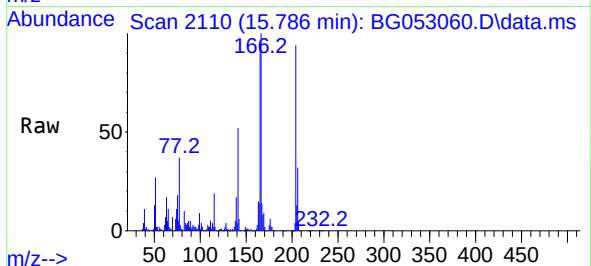
Tgt Ion:149 Resp: 336553
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.753 ng
RT: 15.786 min Scan# 2110
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

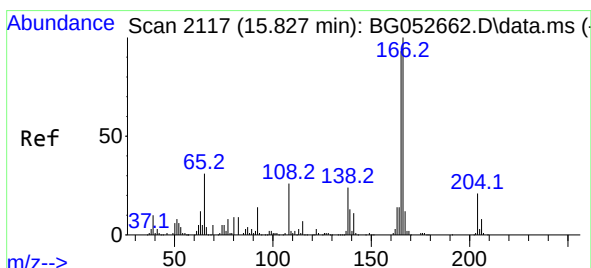
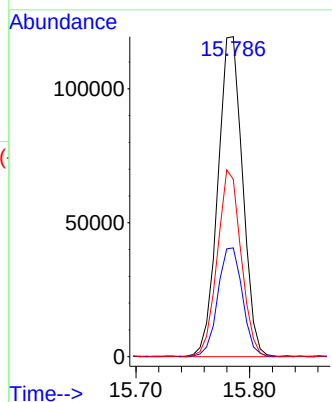
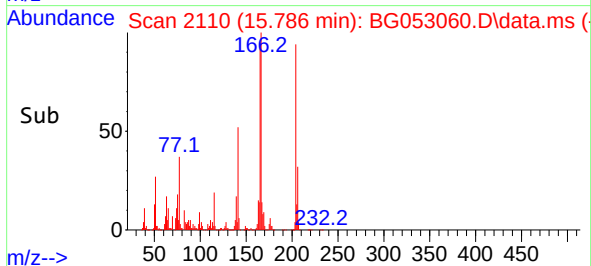
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:204 Resp: 18065
Ion Ratio Lower Upper
204 100
206 34.0 28.3 42.5
141 55.4 45.8 68.8

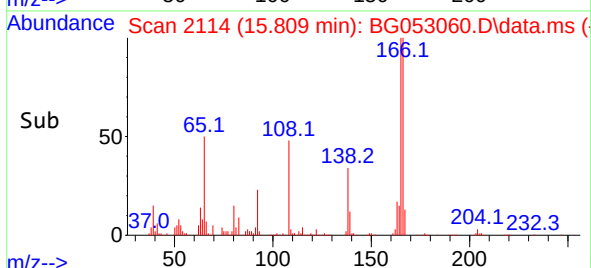
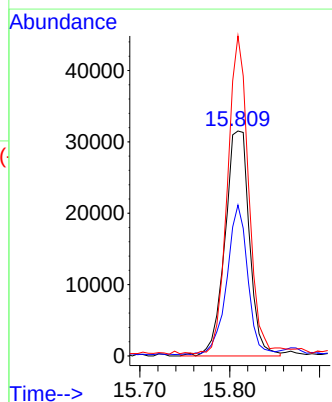
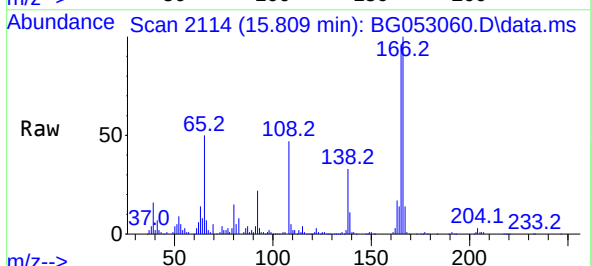
Manual Integrations
APPROVED

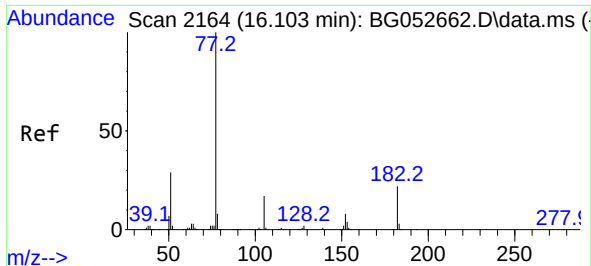
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#62
4-Nitroaniline
Concen: 39.293 ng
RT: 15.809 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:138 Resp: 59599
Ion Ratio Lower Upper
138 100
92 67.1 33.3 73.3
108 142.2 74.2 114.2#





#63
Azobenzene
Concen: 42.393 ng
RT: 16.073 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

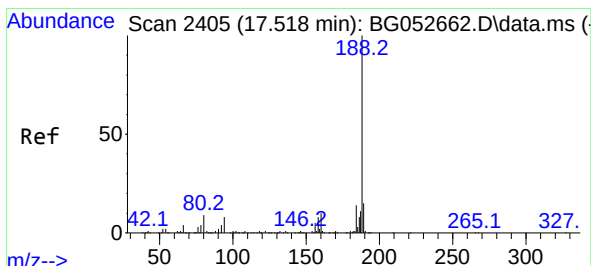
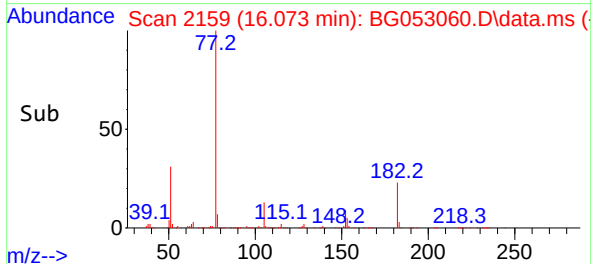
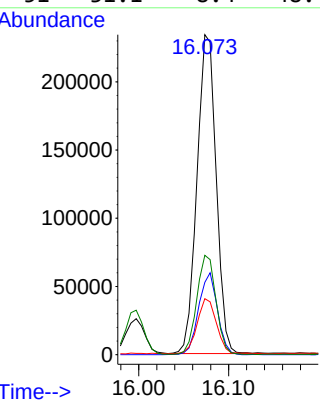
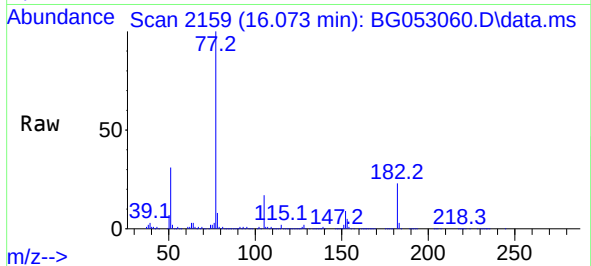
Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion: 77 Resp: 34751

Ion	Ratio	Lower	Upper
77	100		
182	22.6	5.6	45.6
105	17.5	0.0	38.8
51	31.1	8.4	48.4

Manual Integrations
APPROVED

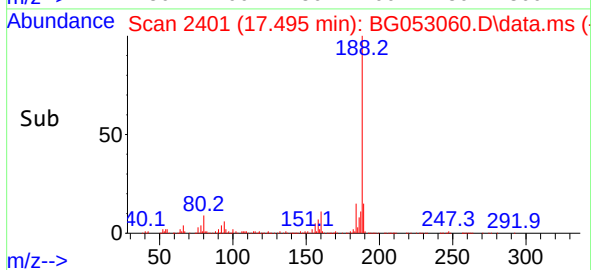
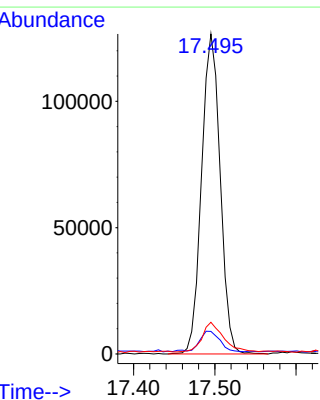
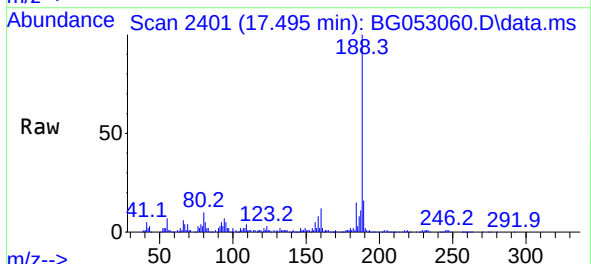
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

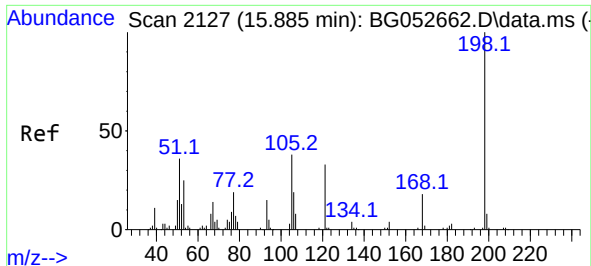


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2401
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:188 Resp: 201608

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	9.9	7.2	10.8





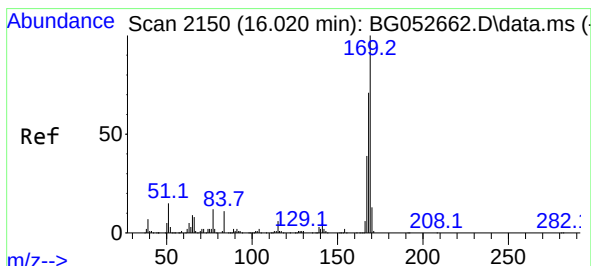
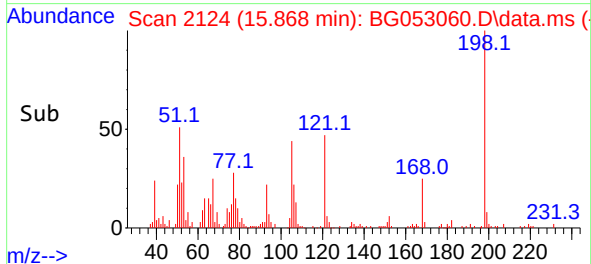
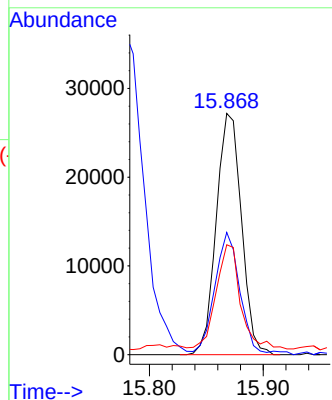
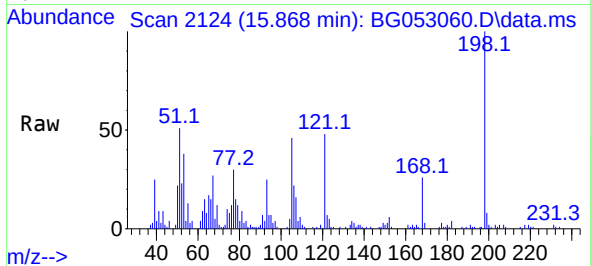
#65
4,6-Dinitro-2-methylphenol
Concen: 46.592 ng
RT: 15.868 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:198 Resp: 4187
Ion Ratio Lower Upper
198 100
51 50.7 21.7 61.7
105 45.5 20.8 60.8

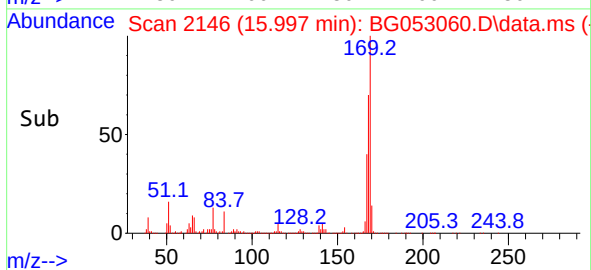
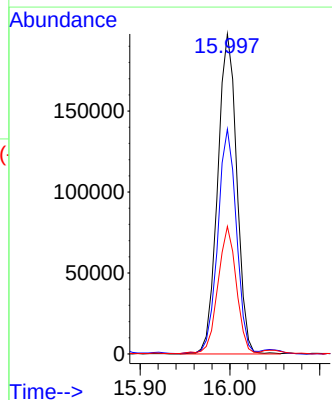
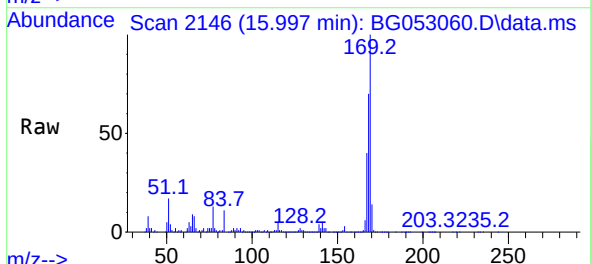
Manual Integrations
APPROVED

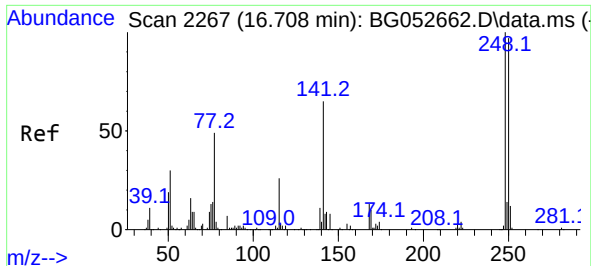
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#66
n-Nitrosodiphenylamine
Concen: 51.449 ng
RT: 15.997 min Scan# 2146
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Tgt Ion:169 Resp: 292019
Ion Ratio Lower Upper
169 100
168 70.2 54.5 81.7
167 39.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 51.127 ng
RT: 16.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

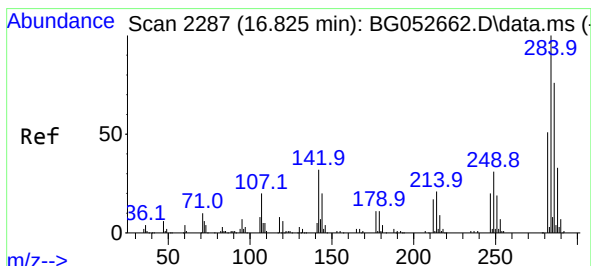
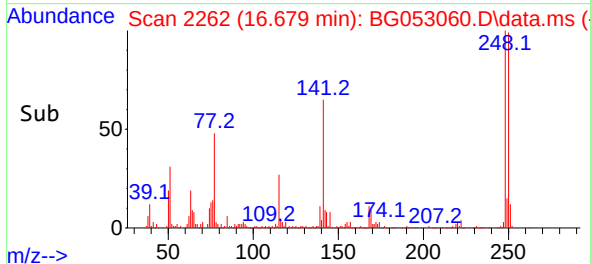
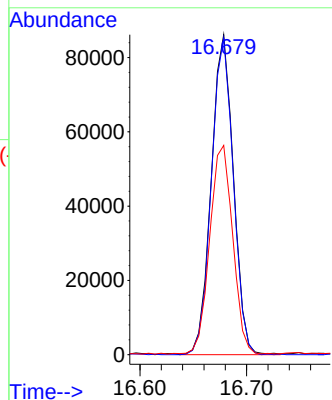
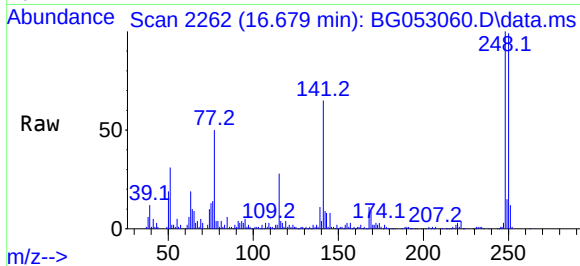
TP-4MSD

Tgt Ion:248 Resp: 124272
Ion Ratio Lower Upper
248 100
250 99.0 77.9 116.9
141 65.4 49.2 73.8

Manual Integrations

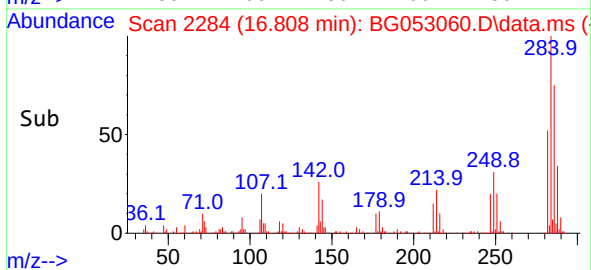
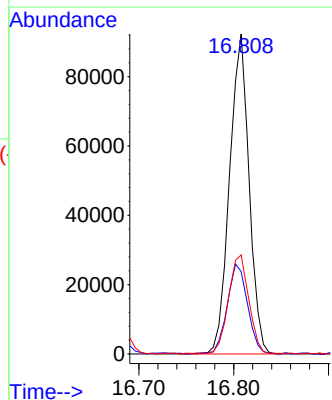
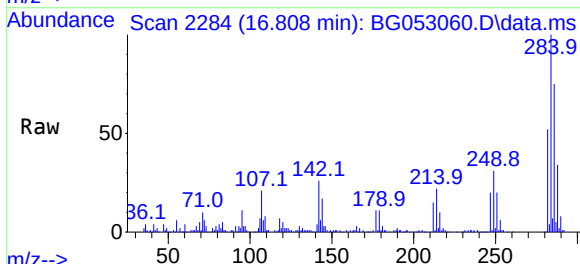
APPROVED

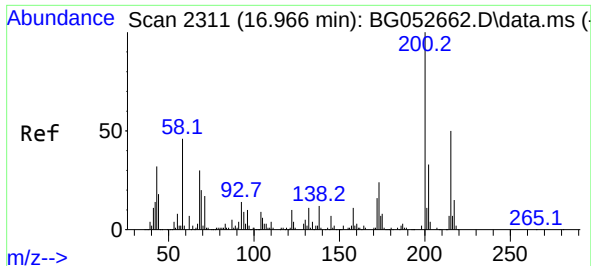
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#68
Hexachlorobenzene
Concen: 50.336 ng
RT: 16.808 min Scan# 2284
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

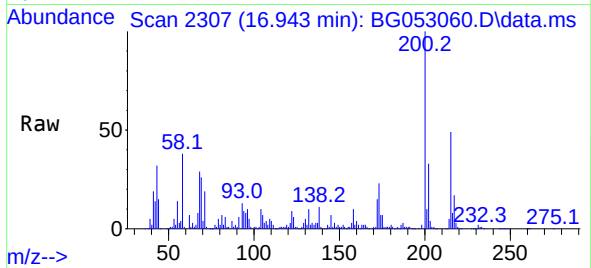
Tgt Ion:284 Resp: 131510
Ion Ratio Lower Upper
284 100
142 25.8 21.0 31.4
249 31.0 22.7 34.1





#69
 Atrazine
 Concen: 55.341 ng
 RT: 16.943 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26

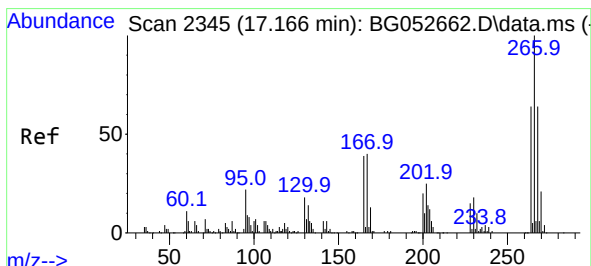
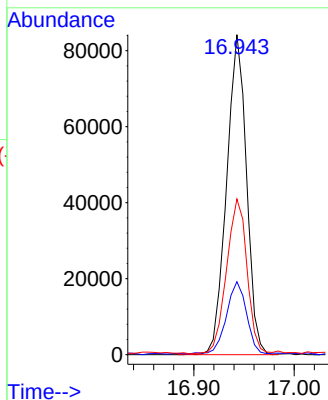
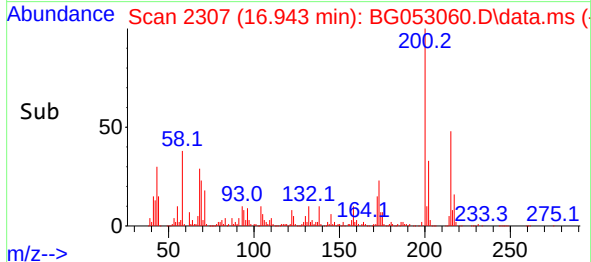
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MSD



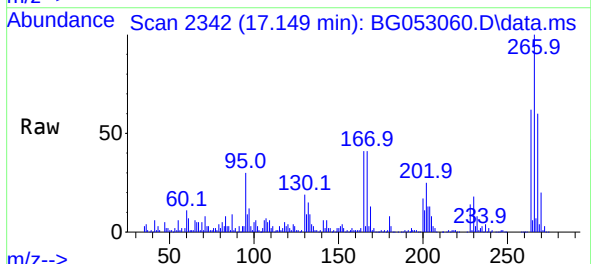
Tgt Ion:200 Resp: 11582
 Ion Ratio Lower Upper
 200 100
 173 22.8 3.8 43.8
 215 48.7 26.3 66.3

Manual Integrations
 APPROVED

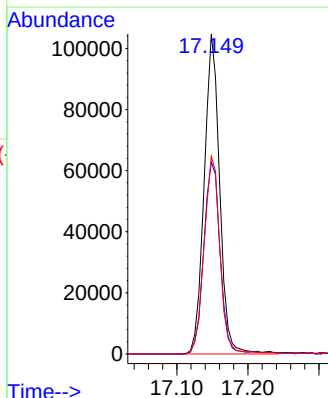
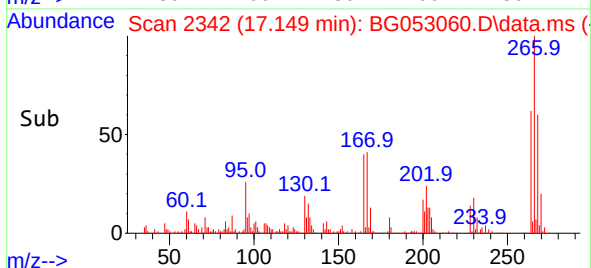
Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022

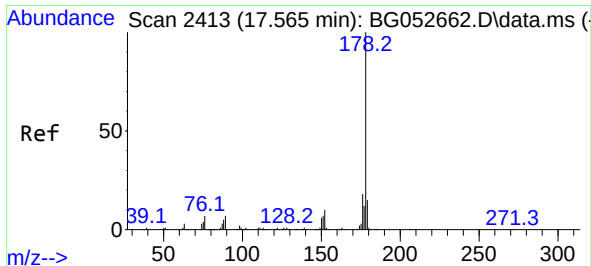


#70
 Pentachlorophenol
 Concen: 98.146 ng
 RT: 17.149 min Scan# 2342
 Delta R.T. 0.009 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26



Tgt Ion:266 Resp: 159079
 Ion Ratio Lower Upper
 266 100
 268 60.0 45.9 68.9
 264 61.8 45.3 67.9





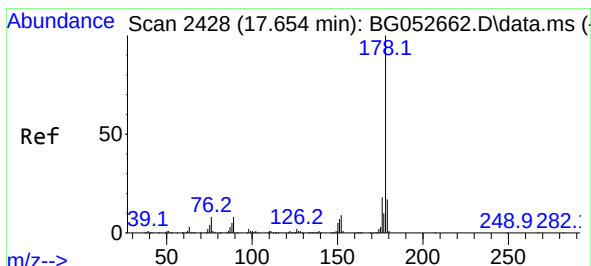
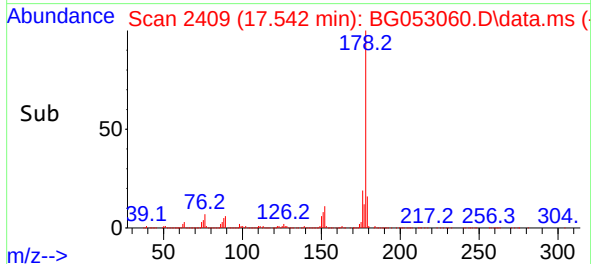
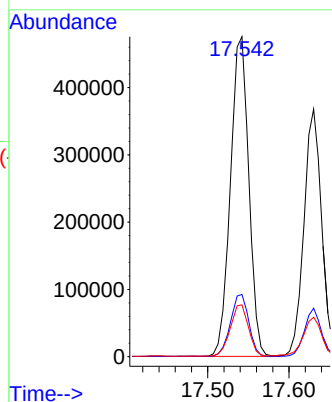
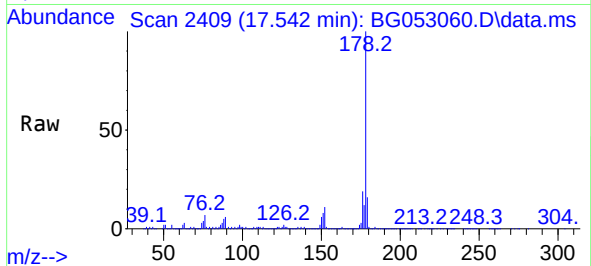
#71
Phenanthrene
Concen: 69.040 ng
RT: 17.542 min Scan# 2413
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:178 Resp: 744633
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.2 13.4 20.2

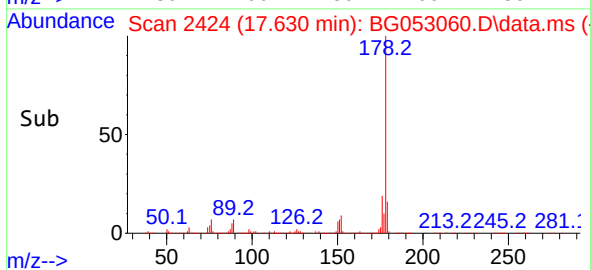
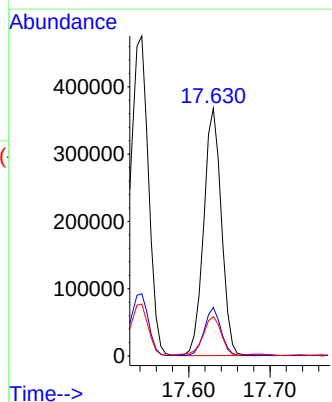
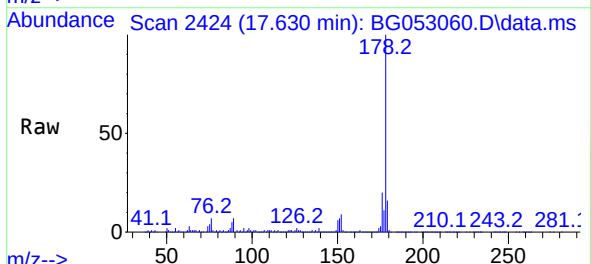
Manual Integrations
APPROVED

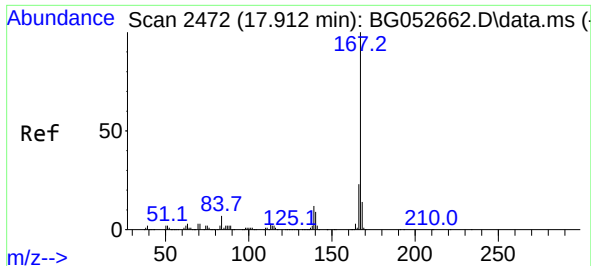
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#72
Anthracene
Concen: 52.020 ng
RT: 17.630 min Scan# 2424
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

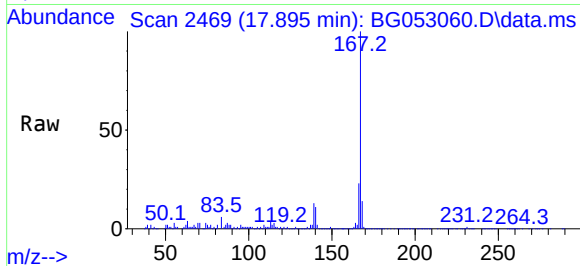
Tgt Ion:178 Resp: 554646
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 15.9 13.2 19.8





#73
 Carbazole
 Concen: 45.589 ng
 RT: 17.895 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26

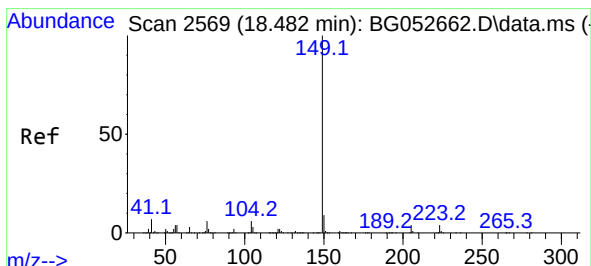
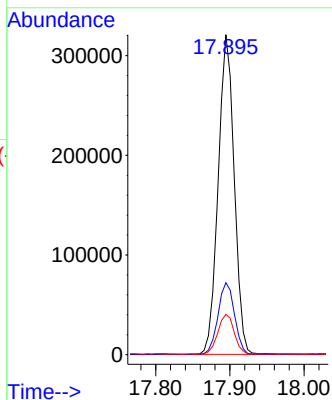
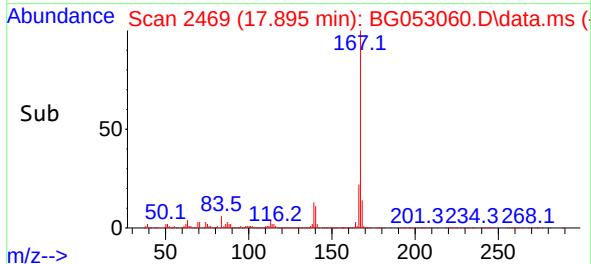
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MSD



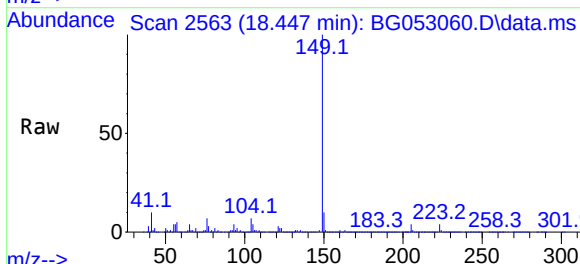
Tgt Ion:167 Resp: 481408
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.5 27.7
 139 12.6 10.0 15.0

Manual Integrations
 APPROVED

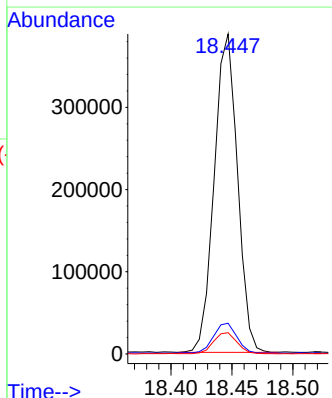
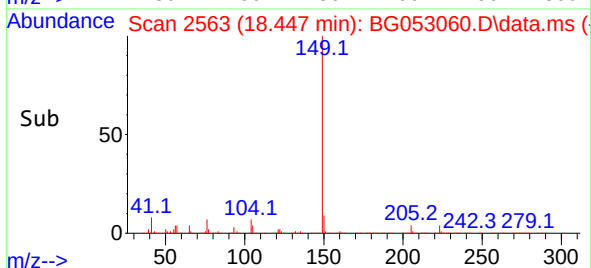
Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022

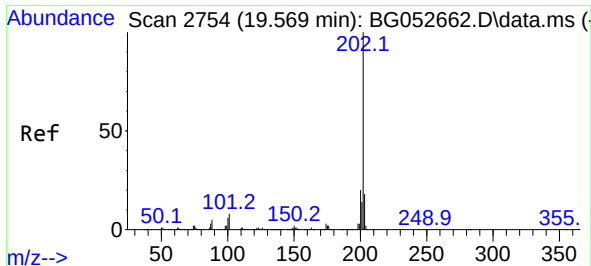


#74
 Di-n-butylphthalate
 Concen: 44.564 ng
 RT: 18.447 min Scan# 2563
 Delta R.T. 0.003 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26



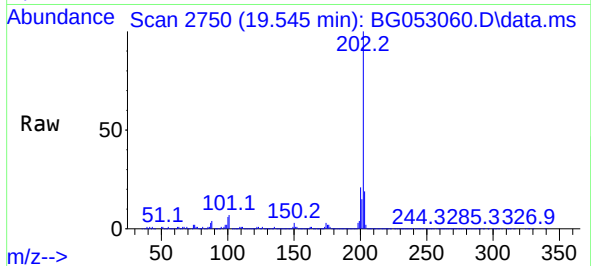
Tgt Ion:149 Resp: 514085
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.0 10.6
 104 6.7 4.6 7.0





#75
Fluoranthene
Concen: 78.460 ng
RT: 19.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

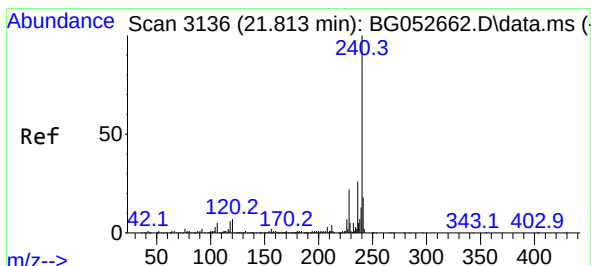
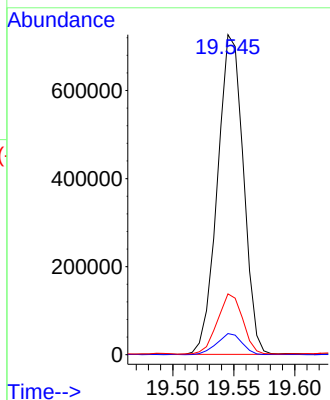
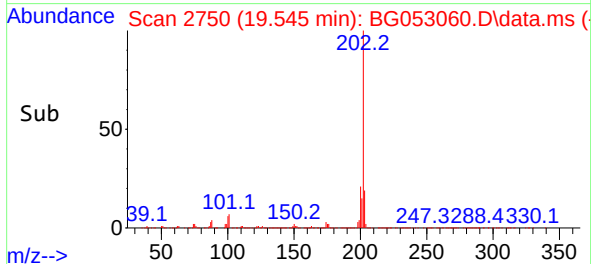
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



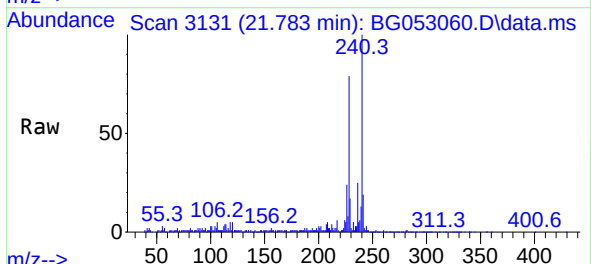
Tgt Ion:202 Resp: 1074180
Ion Ratio Lower Upper
202 100
101 6.6 0.0 27.3
203 19.0 0.0 37.7

Manual Integrations
APPROVED

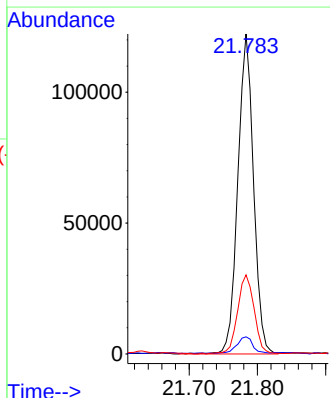
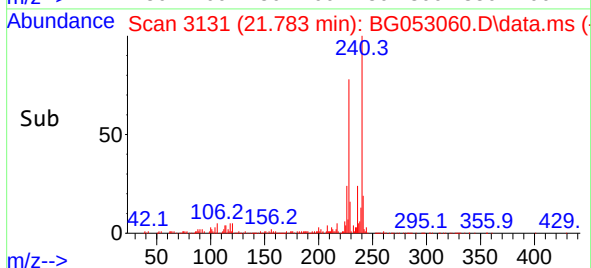
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

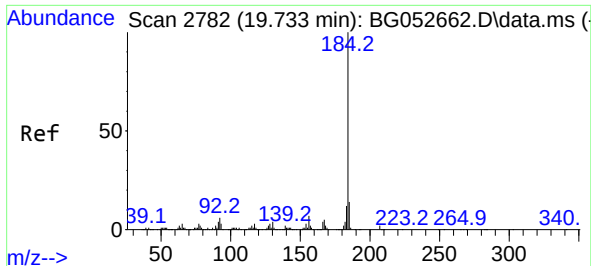


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.783 min Scan# 3131
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



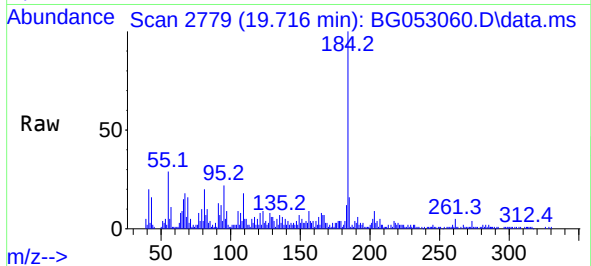
Tgt Ion:240 Resp: 195680
Ion Ratio Lower Upper
240 100
120 5.3 5.4 8.0#
236 24.7 19.8 29.6





#77
Benzidine
Concen: 9.265 ng
RT: 19.716 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

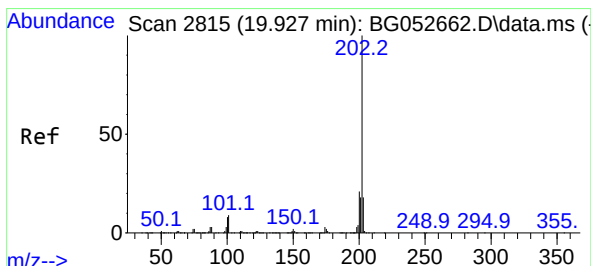
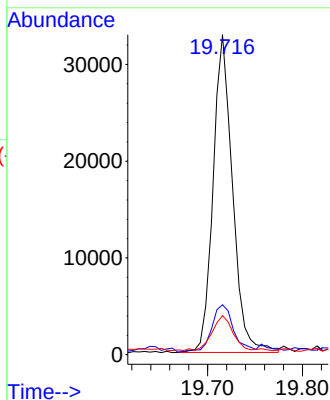
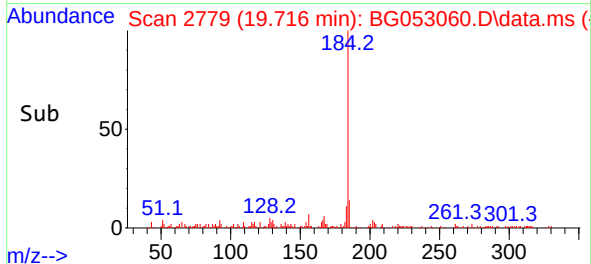
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



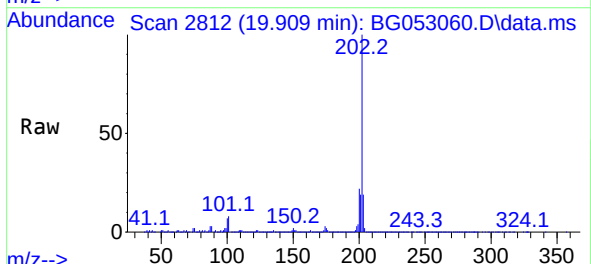
Tgt Ion:184 Resp: 4676
Ion Ratio Lower Upper
184 100
185 15.6 11.5 17.3
183 12.2 9.4 14.2

Manual Integrations
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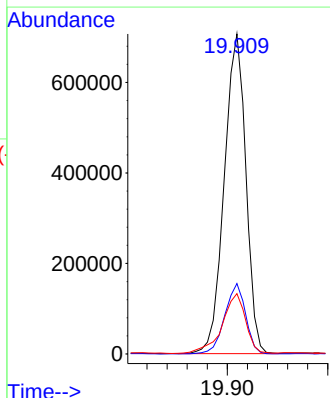
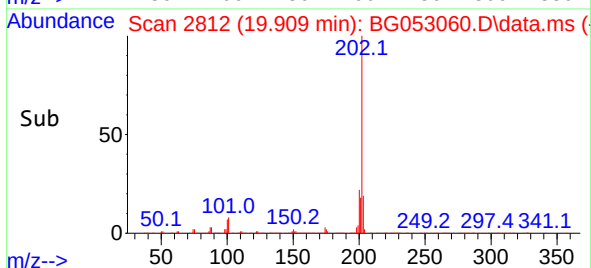
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

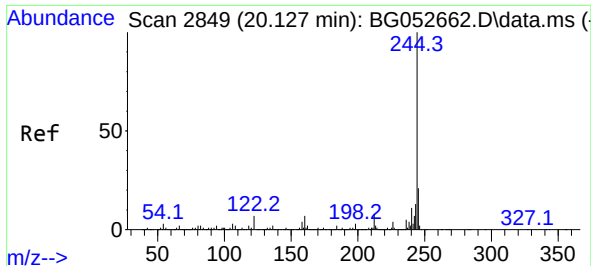


#78
Pyrene
Concen: 77.898 ng
RT: 19.909 min Scan# 2812
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion:202 Resp: 1057363
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.6
203 18.9 15.0 22.6





#79
 Terphenyl-d14
 Concen: 60.137 ng
 RT: 20.097 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26

Instrument :

BNA_G

ClientSampleId :

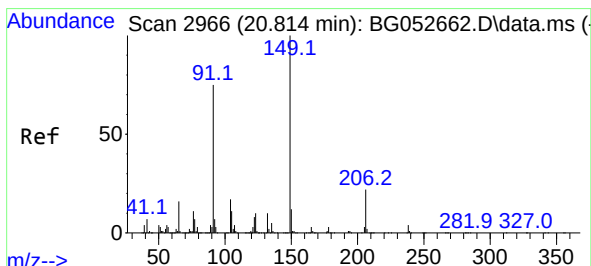
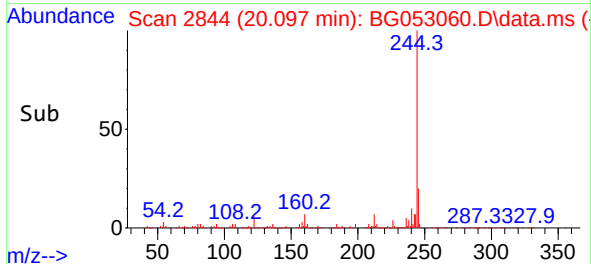
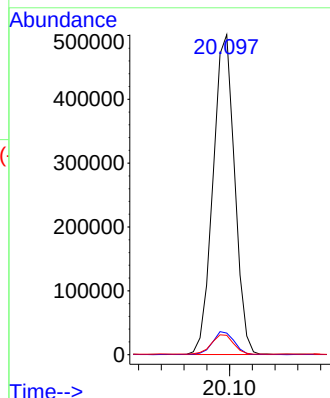
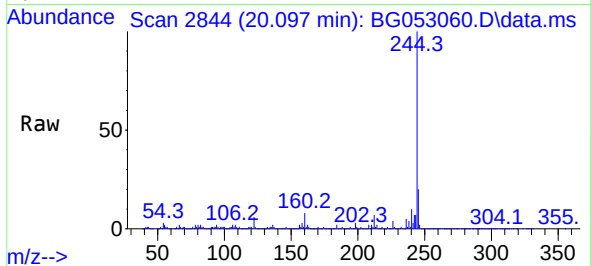
TP-4MSD

Tgt Ion:244 Resp: 66152
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 6.1 5.8 8.6

Manual Integrations

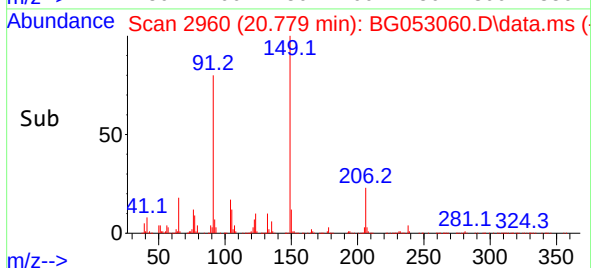
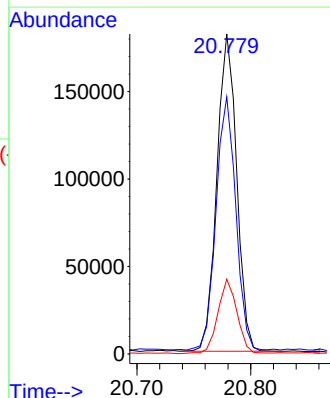
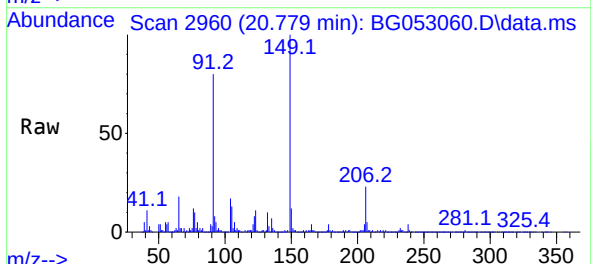
APPROVED

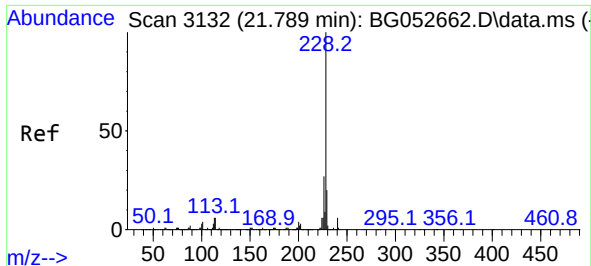
Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022



#80
 Butylbenzylphthalate
 Concen: 45.559 ng
 RT: 20.779 min Scan# 2960
 Delta R.T. 0.003 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26

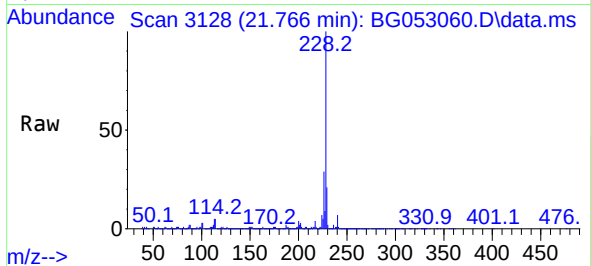
Tgt Ion:149 Resp: 219364
 Ion Ratio Lower Upper
 149 100
 91 80.4 60.2 90.4
 206 23.3 19.4 29.2





#81
Benzo(a)anthracene
Concen: 64.351 ng
RT: 21.766 min Scan# 3112
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

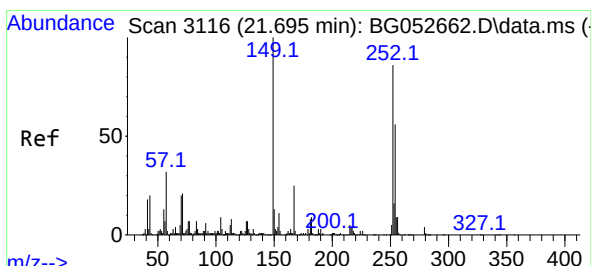
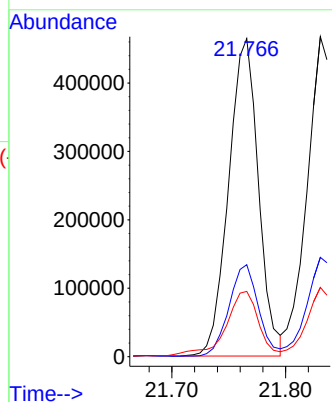
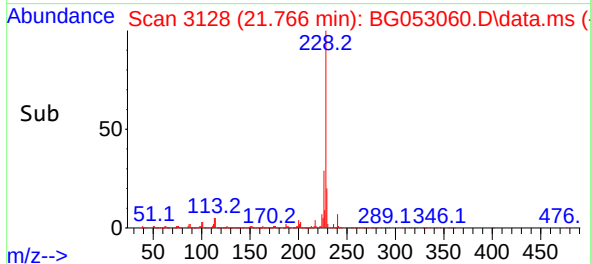
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:228 Resp: 843194
Ion Ratio Lower Upper
228 100
226 28.9 21.4 32.0
229 20.5 16.7 25.1

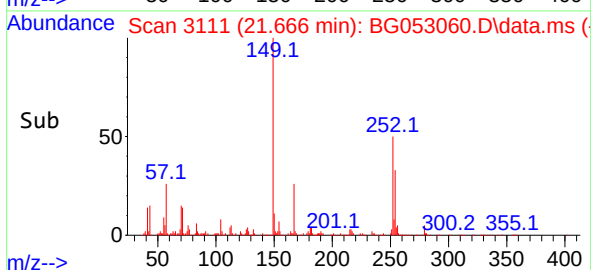
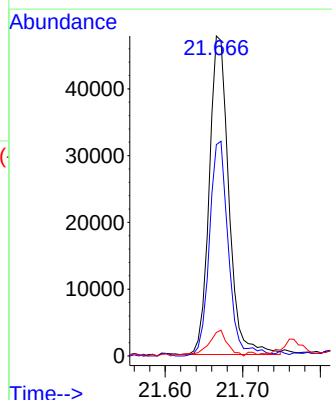
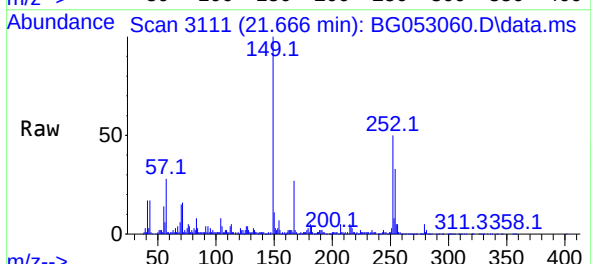
Manual Integrations
APPROVED

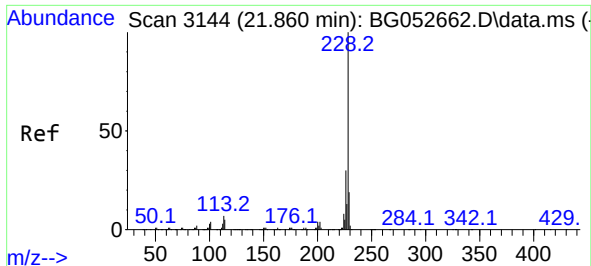
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#82
3,3'-Dichlorobenzidine
Concen: 18.065 ng
RT: 21.666 min Scan# 3111
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

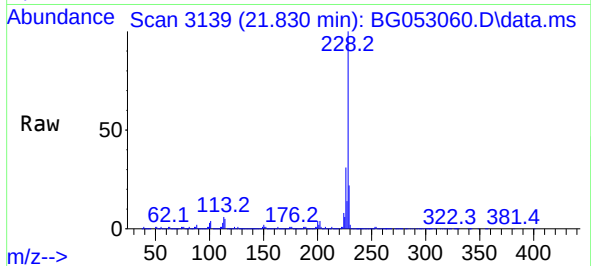
Tgt Ion:252 Resp: 83587
Ion Ratio Lower Upper
252 100
254 66.0 51.2 76.8
126 7.4 5.8 8.8





#83
Chrysene
Concen: 65.385 ng
RT: 21.830 min Scan# 3144
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

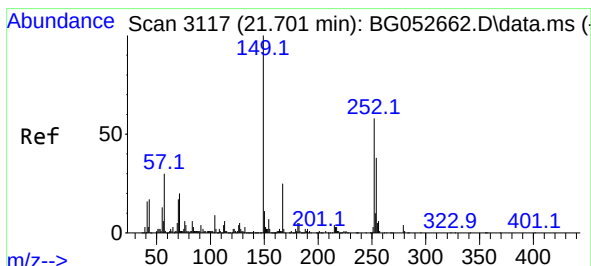
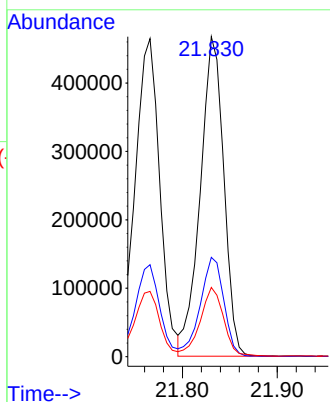
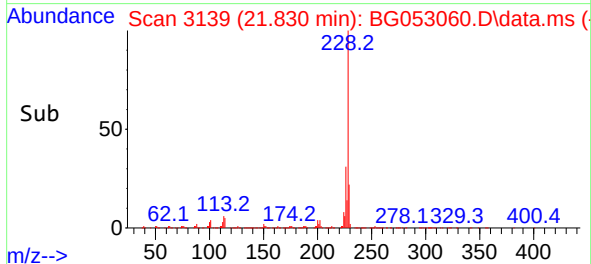
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



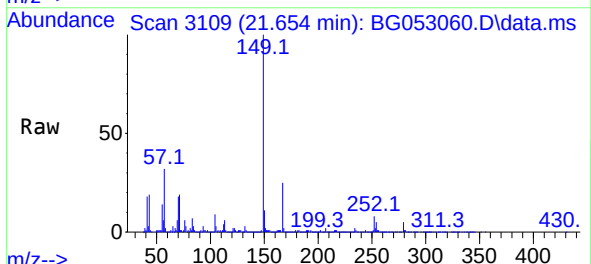
Tgt Ion:228 Resp: 80542
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 21.6 16.3 24.5

Manual Integrations
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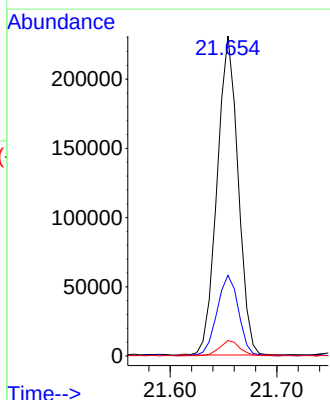
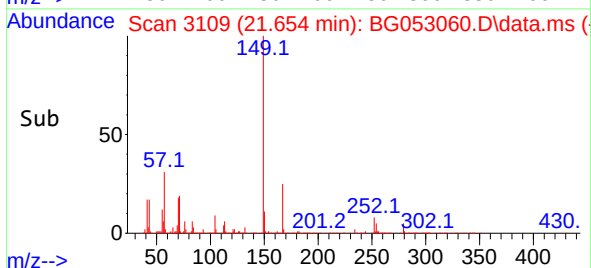
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

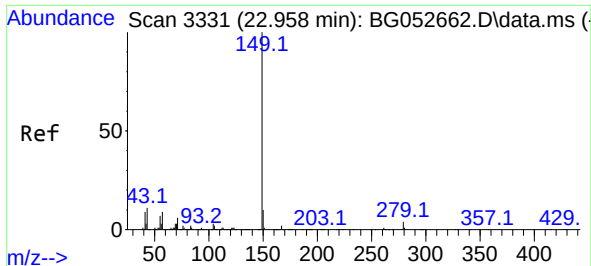


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.040 ng
RT: 21.654 min Scan# 3109
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



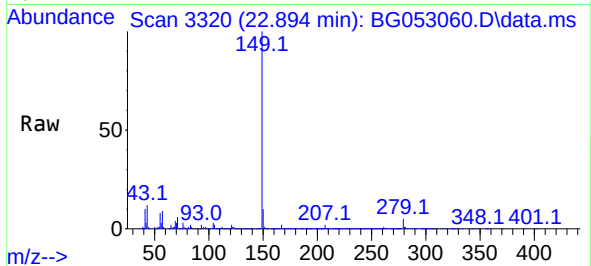
Tgt Ion:149 Resp: 314570
Ion Ratio Lower Upper
149 100
167 25.2 21.4 32.2
279 4.8 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 48.734 ng
RT: 22.894 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

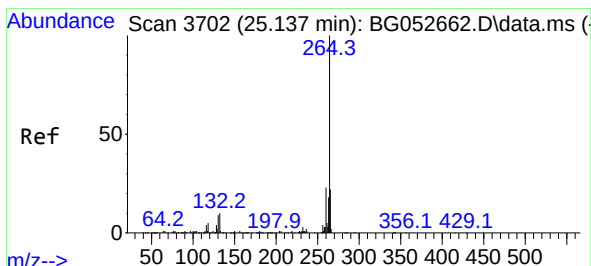
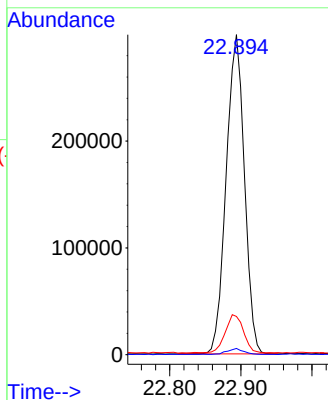
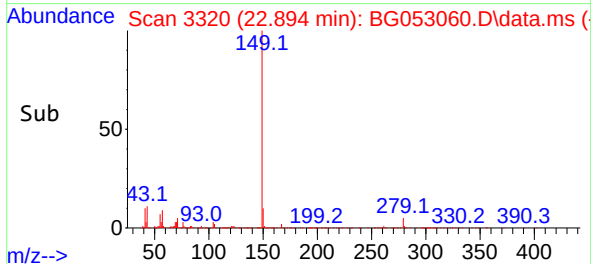
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:149 Resp: 53124
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.0 7.6 11.4

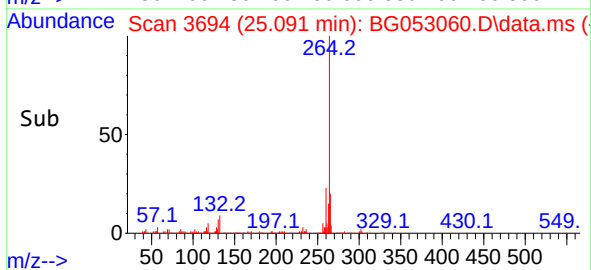
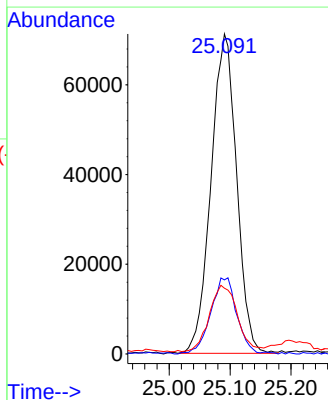
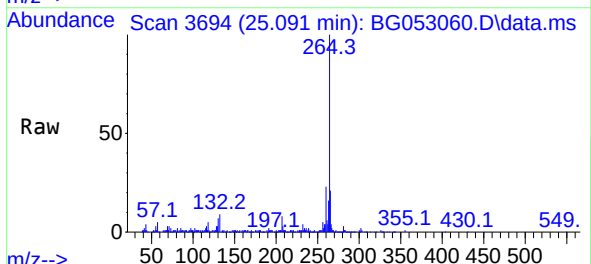
Manual Integrations
APPROVED

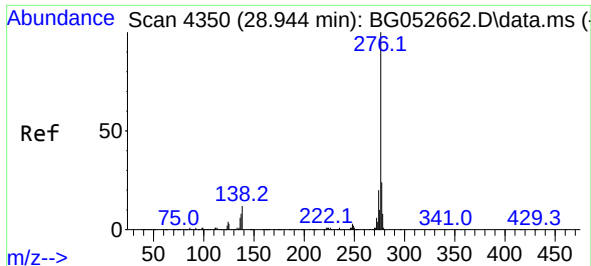
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.091 min Scan# 3694
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

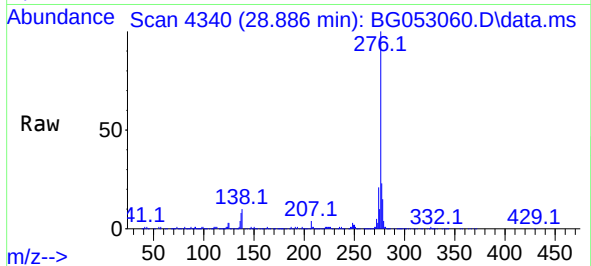
Tgt Ion:264 Resp: 207672
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.2
265 20.5 15.1 22.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.917 ng
 RT: 28.886 min Scan# 41
 Delta R.T. 0.015 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26

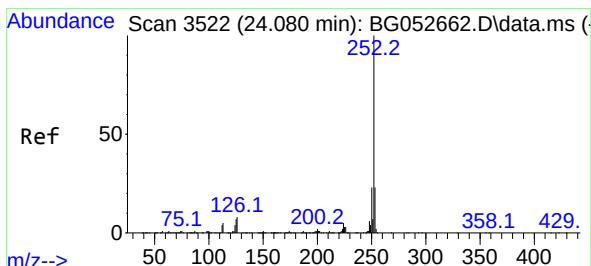
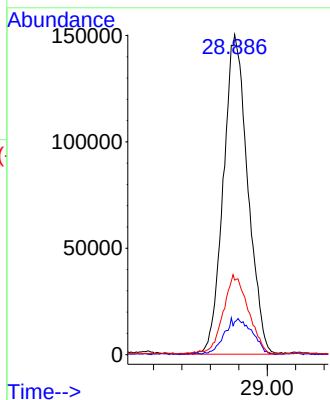
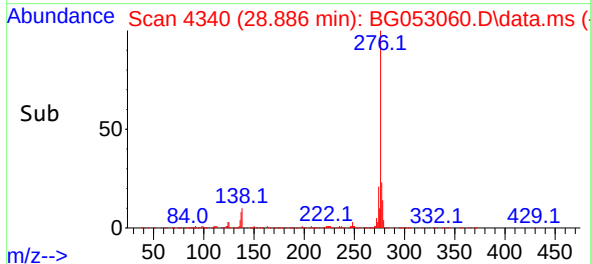
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MSD



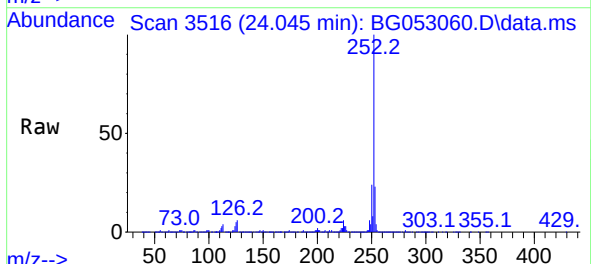
Tgt Ion:276 Resp: 89434
 Ion Ratio Lower Upper
 276 100
 138 4.4 8.7 13.1
 277 25.1 20.2 30.4

Manual Integrations
 APPROVED

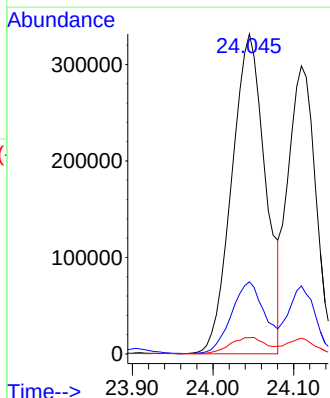
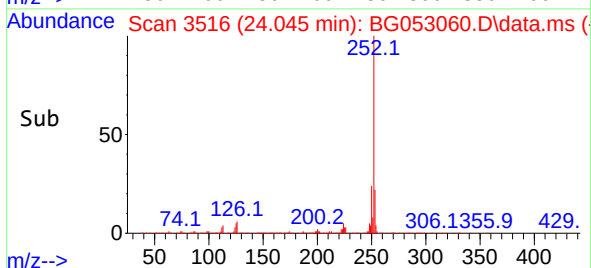
Reviewed By :Christian Giraldo 04/07/2022
 Supervised By :Jagrut Upadhyay 04/07/2022

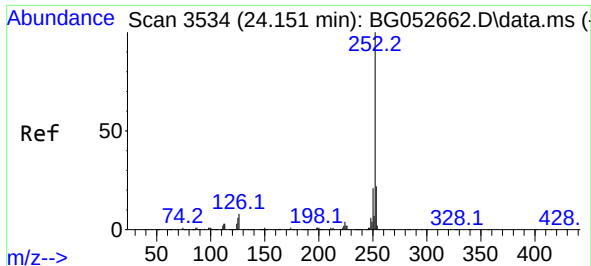


#88
 Benzo(b)fluoranthene
 Concen: 74.581 ng m
 RT: 24.045 min Scan# 3516
 Delta R.T. 0.015 min
 Lab File: BG053060.D
 Acq: 6 Apr 2022 18:26



Tgt Ion:252 Resp: 961690
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.2 25.8
 125 5.1 5.2 7.8#





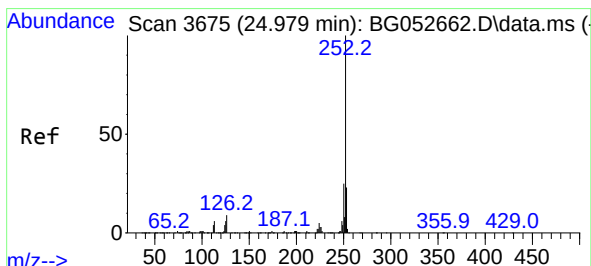
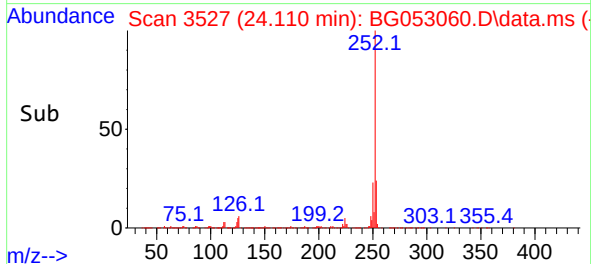
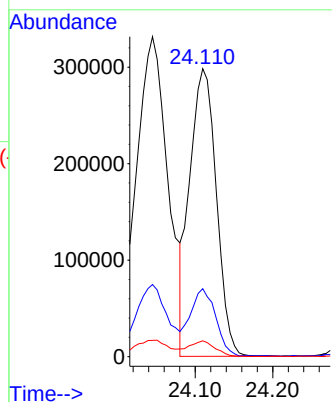
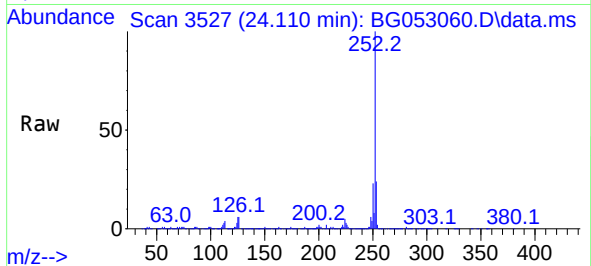
#89
Benzo(k)fluoranthene
Concen: 55.868 ng
RT: 24.110 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:252 Resp: 708774
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 5.5 5.0 7.4

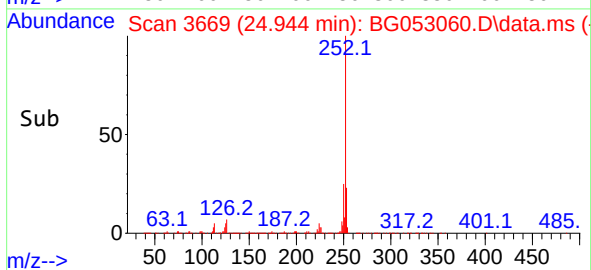
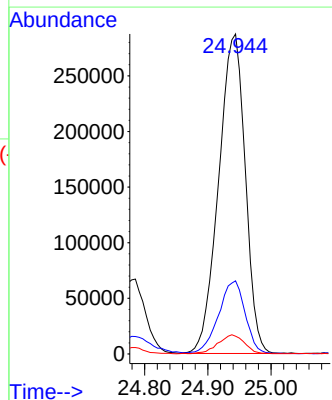
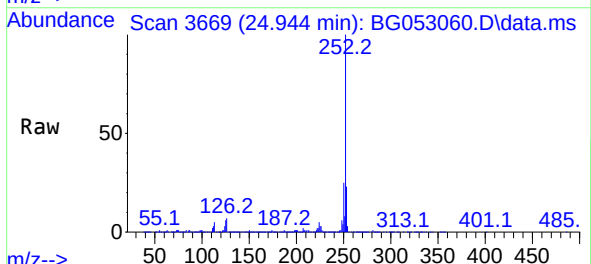
Manual Integrations
APPROVED

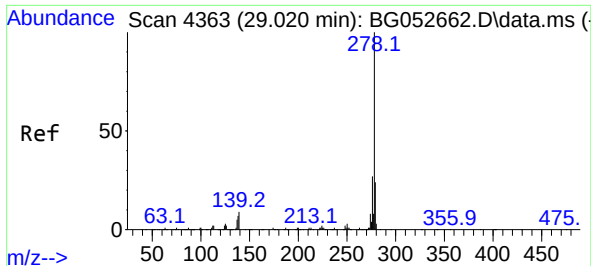
Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#90
Benzo(a)pyrene
Concen: 76.988 ng
RT: 24.944 min Scan# 3669
Delta R.T. 0.015 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

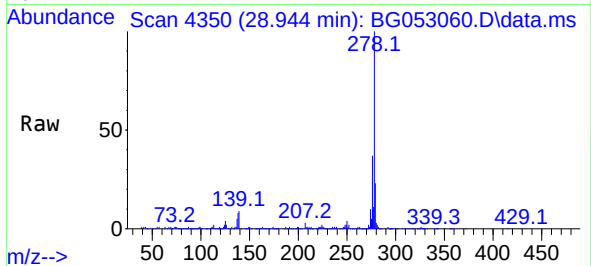
Tgt Ion:252 Resp: 840307
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 5.6 5.6 8.4#





#91
Dibenzo(a,h)anthracene
Concen: 55.643 ng
RT: 28.944 min Scan# 41
Delta R.T. 0.015 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26

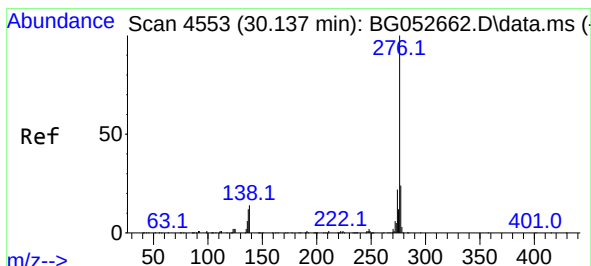
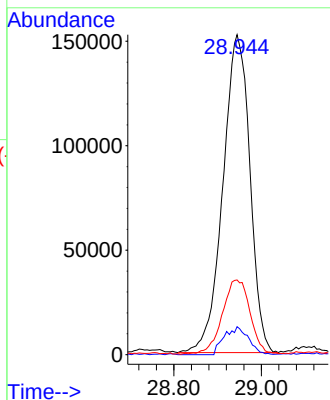
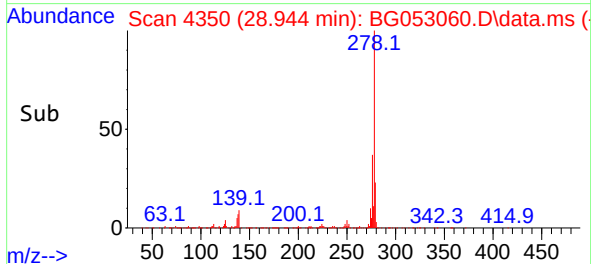
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



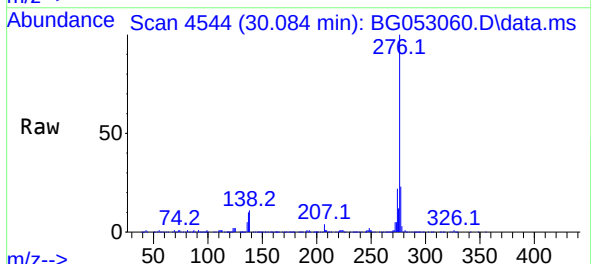
Tgt Ion:278 Resp: 651730
Ion Ratio Lower Upper
278 100
139 8.8 7.8 11.6
279 23.4 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022



#92
Benzo(g,h,i)perylene
Concen: 68.955 ng
RT: 30.084 min Scan# 4544
Delta R.T. 0.033 min
Lab File: BG053060.D
Acq: 6 Apr 2022 18:26



Tgt Ion:276 Resp: 799120
Ion Ratio Lower Upper
276 100
277 23.3 18.2 27.2
138 11.0 9.1 13.7

