

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053181.D
 Acq On : 18 Apr 2022 15:42
 Operator : CG/JU
 Sample : N2444-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/19/2022
 Supervised By : Jagrut Upadhyay 04/19/2022

Quant Time: Apr 19 04:20:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	32888	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	127106	20.000	ng	0.00
39) Acenaphthene-d10	14.738	164	95688	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	233543	20.000	ng	-0.01
76) Chrysene-d12	21.769	240	246812	20.000	ng	0.00
86) Perylene-d12	25.065	264	263287	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	202714	105.658	ng	0.00
7) Phenol-d6	7.277	99	292543	98.877	ng	0.00
23) Nitrobenzene-d5	9.280	82	199377	63.690	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	146960	96.534	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	436789	62.943	ng	0.00
79) Terphenyl-d14	20.083	244	902507	61.757	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	40290	43.973	ng	93
3) Pyridine	3.958	79	97789	40.467	ng	# 89
4) n-Nitrosodimethylamine	3.876	42	55176	46.108	ng	93
6) Aniline	7.436	93	98656	28.772	ng	97
8) 2-Chlorophenol	7.682	128	99519	48.047	ng	94
9) Benzaldehyde	7.248	77	77904m	44.050	ng	
10) Phenol	7.306	94	140584	47.736	ng	93
11) bis(2-Chloroethyl)ether	7.530	93	93388	43.990	ng	90
12) 1,3-Dichlorobenzene	8.005	146	108599	45.121	ng	97
13) 1,4-Dichlorobenzene	8.152	146	107497	43.809	ng	95
14) 1,2-Dichlorobenzene	8.470	146	105407	44.547	ng	98
15) Benzyl Alcohol	8.352	79	113516	43.165	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.640	45	146168	41.240	ng	97
17) 2-Methylphenol	8.558	107	93120	46.726	ng	97
18) Hexachloroethane	9.204	117	40814	44.356	ng	96
19) n-Nitroso-di-n-propyla...	8.916	70	90712	41.879	ng	# 94
20) 3+4-Methylphenols	8.887	107	126279	44.886	ng	92
22) Acetophenone	8.934	105	156183	44.291	ng	94
24) Nitrobenzene	9.321	77	136752	44.912	ng	91
25) Isophorone	9.844	82	242334	45.545	ng	98
26) 2-Nitrophenol	10.038	139	55480	43.574	ng	# 90
27) 2,4-Dimethylphenol	10.091	122	96757	53.061	ng	91
28) bis(2-Chloroethoxy)met...	10.320	93	130946	43.806	ng	99
29) 2,4-Dichlorophenol	10.573	162	108397	47.285	ng	99
30) 1,2,4-Trichlorobenzene	10.790	180	113461	43.731	ng	90
31) Naphthalene	10.978	128	305281	45.018	ng	99
32) Benzoic acid	10.244	122	59977	50.346	ng	90
33) 4-Chloroaniline	11.078	127	58816	20.253	ng	94
34) Hexachlorobutadiene	11.266	225	82643	42.880	ng	99
35) Caprolactam	11.853	113	35997m	44.549	ng	
36) 4-Chloro-3-methylphenol	12.200	107	120802	45.264	ng	98
37) 2-Methylnaphthalene	12.576	142	215754	42.997	ng	96
38) 1-Methylnaphthalene	12.793	142	210497	42.976	ng	99
40) 1,2,4,5-Tetrachloroben...	12.946	216	140793	43.322	ng	99
41) Hexachlorocyclopentadiene	12.928	237	167086	99.594	ng	96
43) 2,4,6-Trichlorophenol	13.181	196	99765	44.524	ng	100

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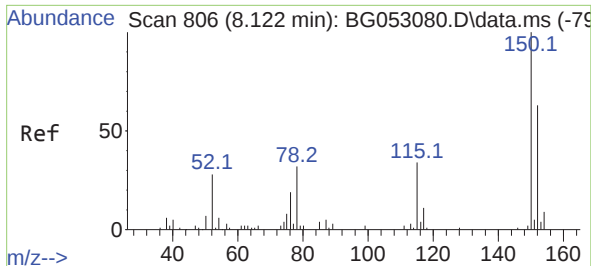
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	107086	44.848	ng	99
46) 1,1'-Biphenyl	13.574	154	302425	43.888	ng	99
47) 2-Chloronaphthalene	13.621	162	236357	42.992	ng	98
48) 2-Nitroaniline	13.815	65	93494	44.812	ng	95
49) Acenaphthylene	14.461	152	398705	46.328	ng	99
50) Dimethylphthalate	14.185	163	327261	42.760	ng	100
51) 2,6-Dinitrotoluene	14.303	165	71805	44.972	ng	90
52) Acenaphthene	14.802	154	289668m	49.633	ng	
53) 3-Nitroaniline	14.638	138	38430	22.762	ng	98
54) 2,4-Dinitrophenol	14.849	184	94354	92.875	ng	94
55) Dibenzofuran	15.137	168	384917	42.120	ng	97
56) 4-Nitrophenol	14.949	139	121706	94.519	ng	# 81
57) 2,4-Dinitrotoluene	15.096	165	104725	46.070	ng	87
58) Fluorene	15.783	166	316723	42.911	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.366	232	103089	44.458	ng	99
60) Diethylphthalate	15.542	149	338541	42.218	ng	98
61) 4-Chlorophenyl-phenyle...	15.771	204	174241	41.644	ng	98
62) 4-Nitroaniline	15.801	138	73138	41.053	ng	# 80
63) Azobenzene	16.065	77	337826	41.785	ng	98
65) 4,6-Dinitro-2-methylph...	15.860	198	67653	41.521	ng	96
66) n-Nitrosodiphenylamine	15.989	169	286674	42.686	ng	98
67) 4-Bromophenyl-phenylether	16.664	248	126440	42.252	ng	94
68) Hexachlorobenzene	16.794	284	140608	43.387	ng	95
69) Atrazine	16.929	200	127292	48.522	ng	97
70) Pentachlorophenol	17.134	266	169446	95.670	ng	87
71) Phenanthrene	17.528	178	556075	43.591	ng	98
72) Anthracene	17.616	178	556738	44.053	ng	99
73) Carbazole	17.880	167	525255	42.757	ng	98
74) Di-n-butylphthalate	18.433	149	604877	43.414	ng	99
75) Fluoranthene	19.531	202	740965	45.314	ng	99
77) Benzidine	19.701	184	271500	38.555	ng	99
78) Pyrene	19.895	202	727226	41.371	ng	99
80) Butylbenzylphthalate	20.771	149	275909	42.102	ng	100
81) Benzo(a)anthracene	21.746	228	736251	43.629	ng	99
82) 3,3'-Dichlorobenzidine	21.658	252	154171	24.842	ng	99
83) Chrysene	21.816	228	668936	42.712	ng	99
84) Bis(2-ethylhexyl)phtha...	21.640	149	381642	43.083	ng	99
85) Di-n-octyl phthalate	22.874	149	654254	44.162	ng	96
87) Indeno(1,2,3-cd)pyrene	28.836	276	844738	43.185	ng	# 98
88) Benzo(b)fluoranthene	24.019	252	789855	47.548	ng	99
89) Benzo(k)fluoranthene	24.090	252	718113	43.985	ng	100
90) Benzo(a)pyrene	24.912	252	743217	52.517	ng	# 98
91) Dibenzo(a,h)anthracene	28.907	278	723228	44.922	ng	# 98
92) Benzo(g,h,i)perylene	30.023	276	719798	45.361	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053181.D
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Instrument :

BNA_G

ClientSampleId :

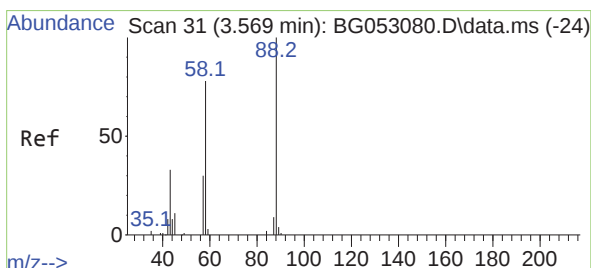
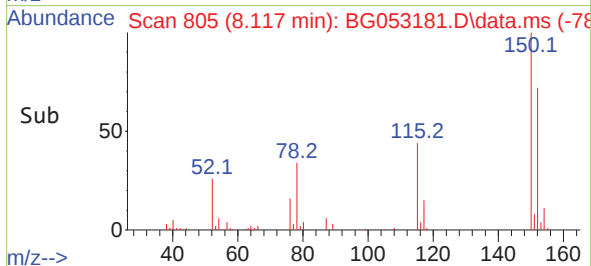
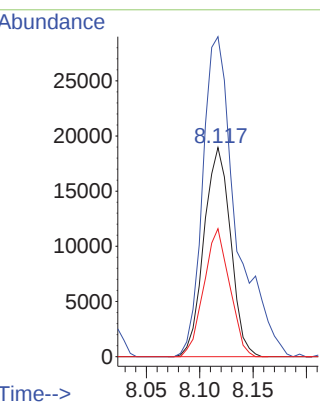
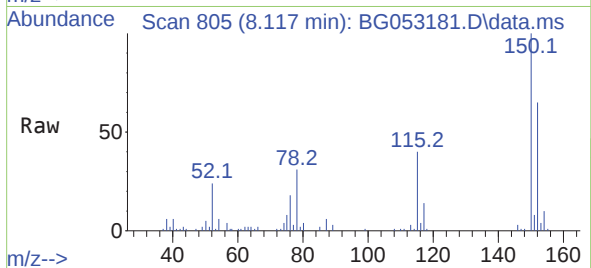
SB-1MSD

Tgt Ion:152 Resp: 3288
Ion Ratio Lower Upper
152 100
150 153.0 114.6 172.0
115 61.2 45.9 68.9

Manual Integrations

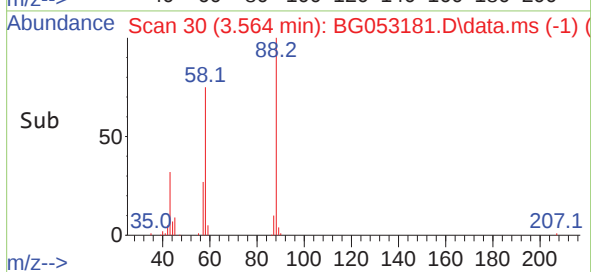
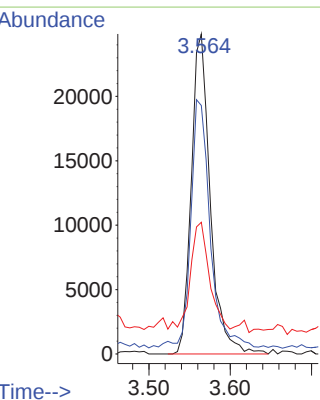
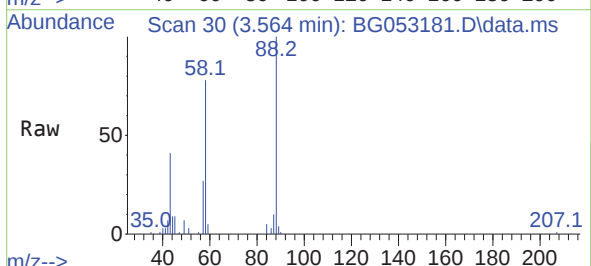
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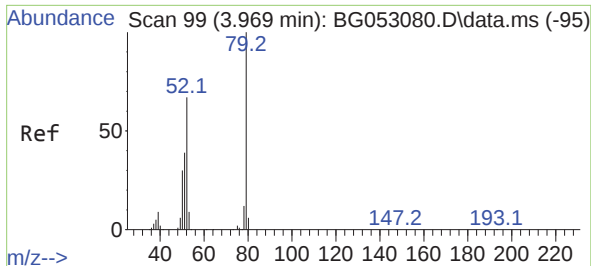
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#2
1,4-Dioxane
Concen: 43.973 ng
RT: 3.564 min Scan# 30
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

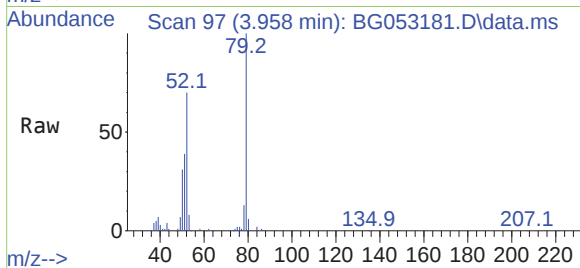
Tgt Ion: 88 Resp: 40290
Ion Ratio Lower Upper
88 100
58 79.1 58.2 87.2
43 32.2 23.4 35.0





#3
Pyridine
Concen: 40.467 ng
RT: 3.958 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

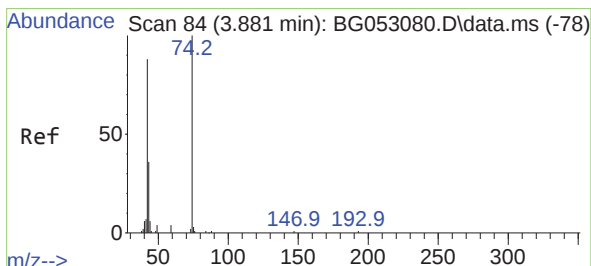
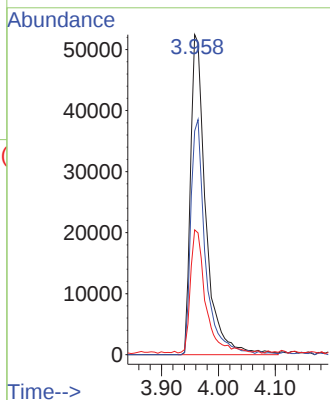
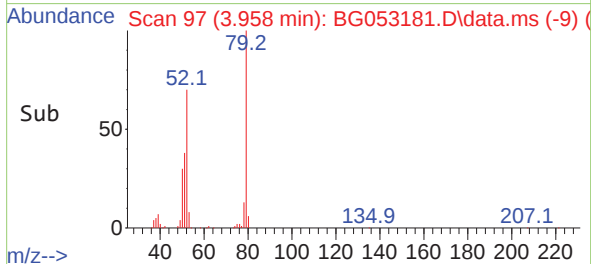
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion: 79 Resp: 97789
Ion Ratio Lower Upper
79 100
52 69.9 50.9 76.3
51 39.0 24.4 36.6

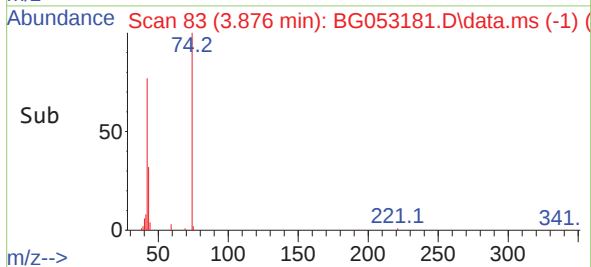
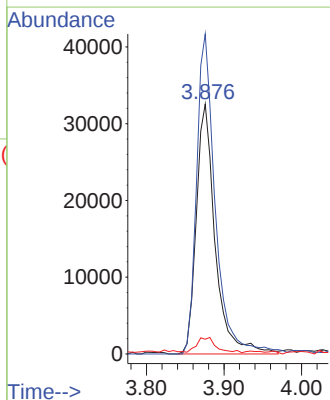
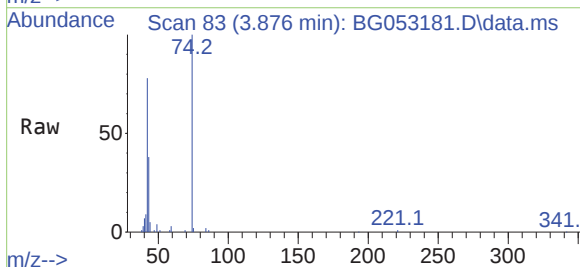
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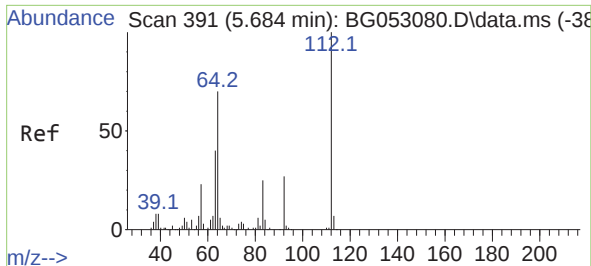
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#4
n-Nitrosodimethylamine
Concen: 46.108 ng
RT: 3.876 min Scan# 83
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

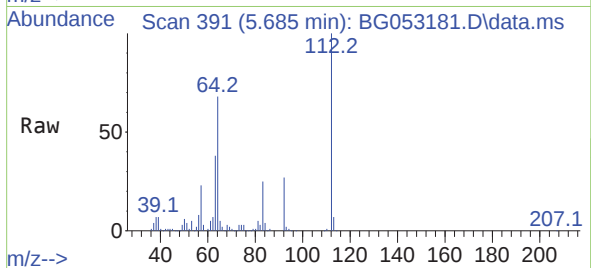
Tgt Ion: 42 Resp: 55176
Ion Ratio Lower Upper
42 100
74 128.1 108.9 163.3
44 5.9 5.7 8.5





#5
2-Fluorophenol
Concen: 105.658 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

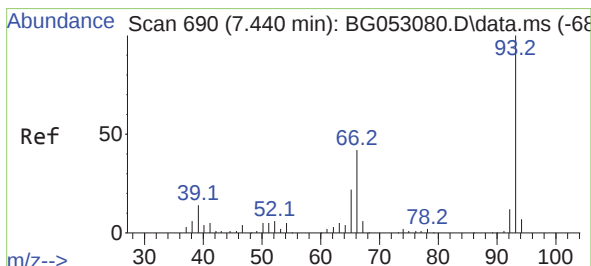
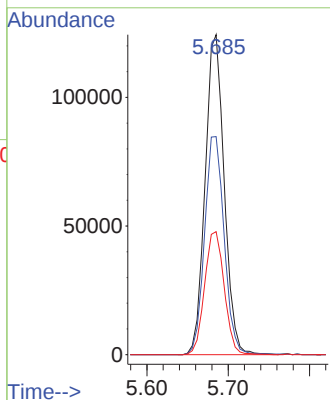
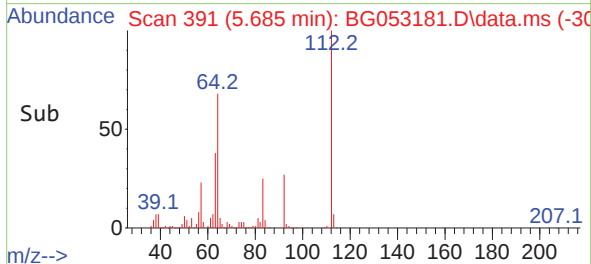
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Tgt Ion: 112 Resp: 202714
Ion Ratio Lower Upper
112 100
64 68.2 48.0 72.0
63 38.4 26.5 39.7

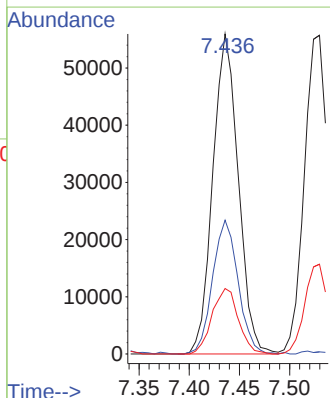
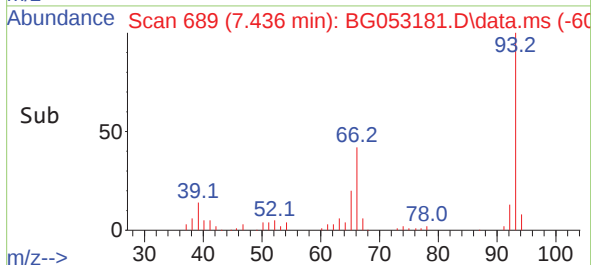
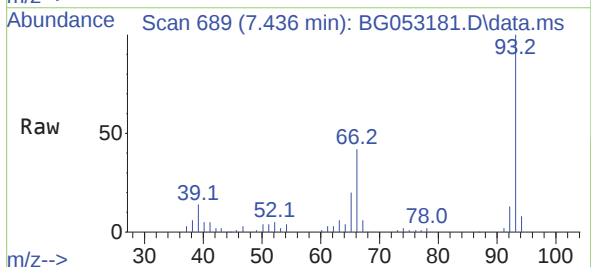
Manual Integrations
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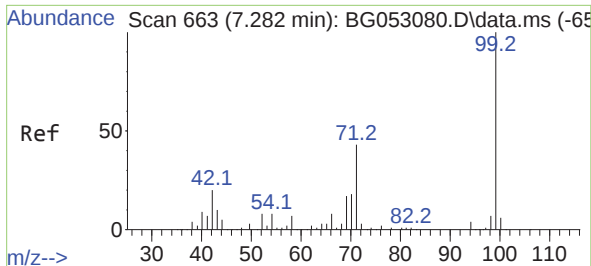
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#6
Aniline
Concen: 28.772 ng
RT: 7.436 min Scan# 689
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion: 93 Resp: 98656
Ion Ratio Lower Upper
93 100
66 41.8 31.3 46.9
65 20.5 16.7 25.1





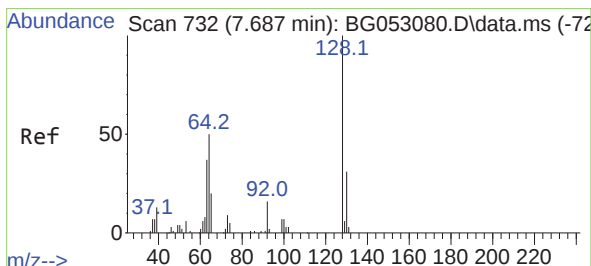
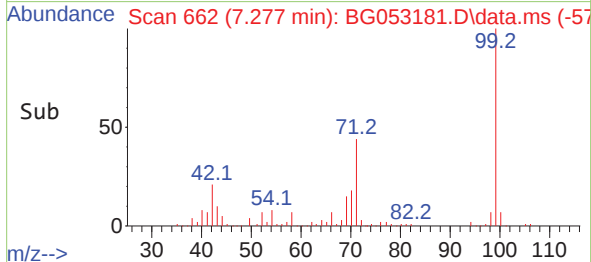
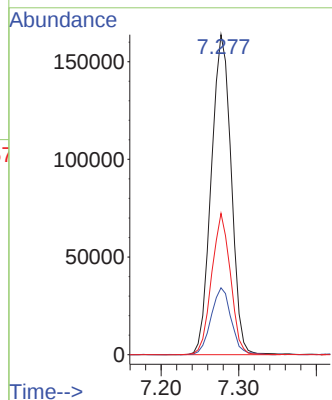
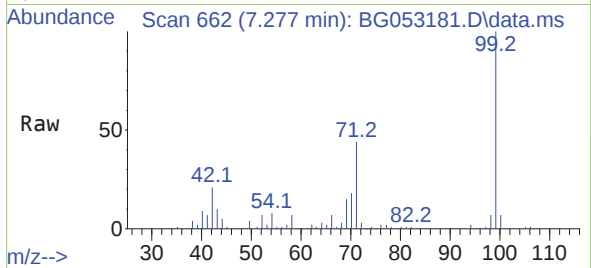
#7
Phenol-d6
Concen: 98.877 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion: 99 Resp: 29254
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 44.1 29.2 43.8

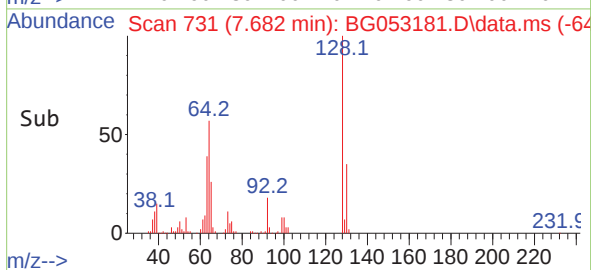
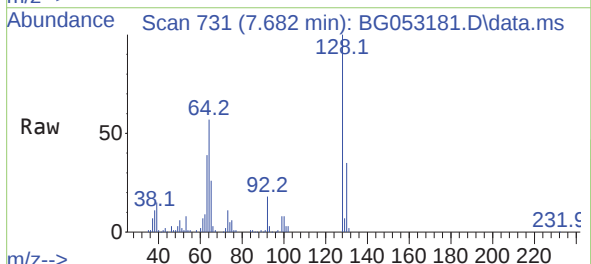
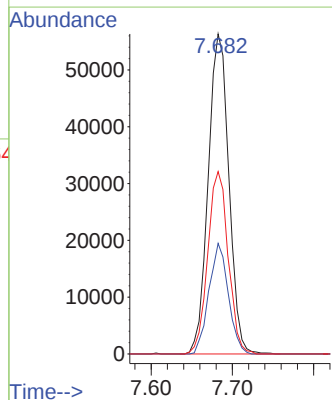
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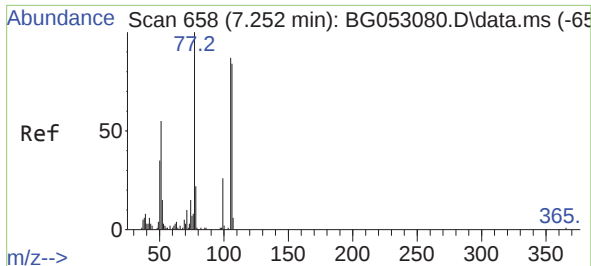
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#8
2-Chlorophenol
Concen: 48.047 ng
RT: 7.682 min Scan# 731
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

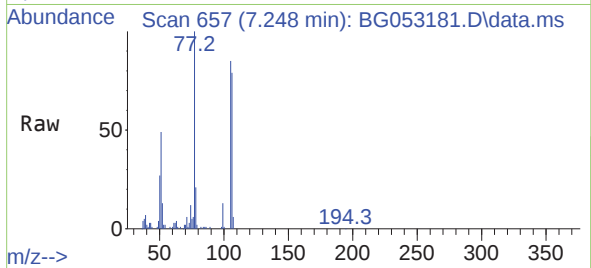
Tgt Ion:128 Resp: 99519
Ion Ratio Lower Upper
128 100
130 34.5 13.4 53.4
64 57.0 30.9 70.9





#9
Benzaldehyde
Concen: 44.050 ng m
RT: 7.248 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

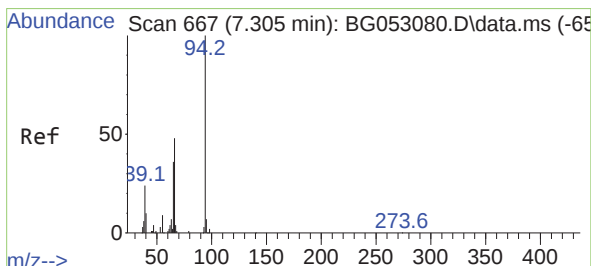
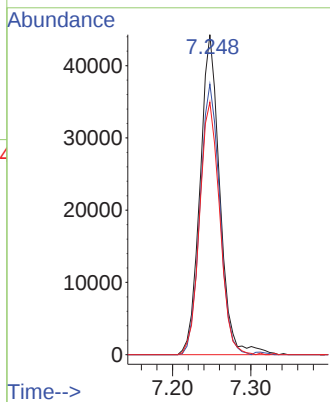
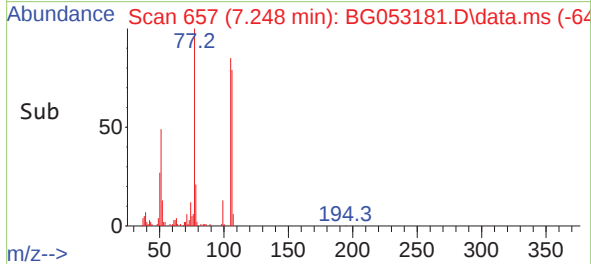
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion: 77 Resp: 77904
Ion Ratio Lower Upper
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105 84.5 70.6 110.6
106 78.9 67.6 107.6

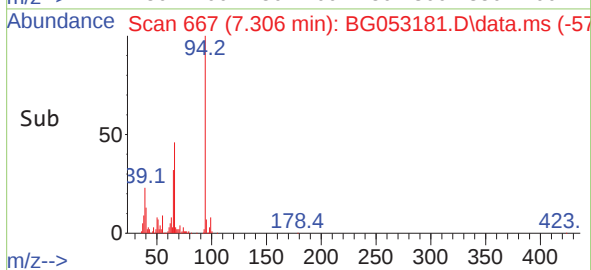
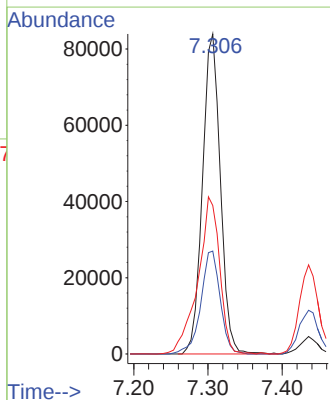
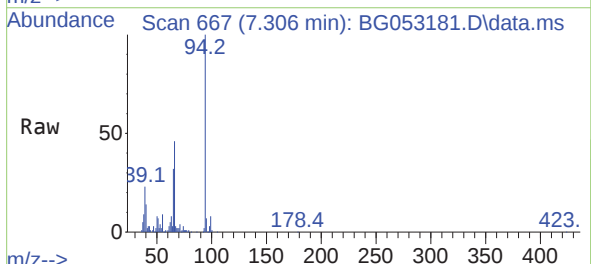
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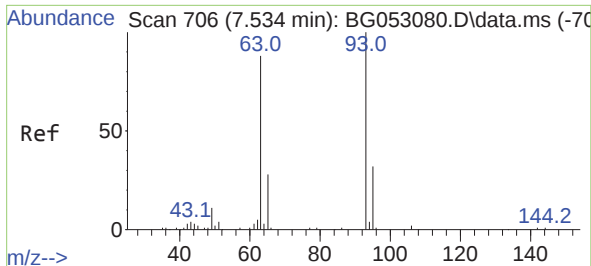
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#10
Phenol
Concen: 47.736 ng
RT: 7.306 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

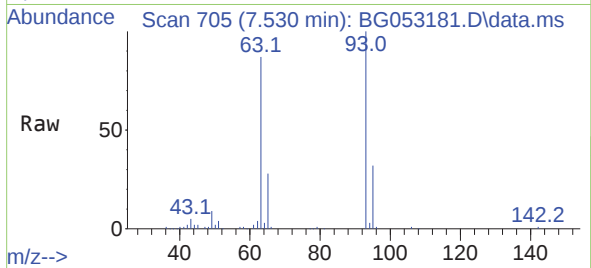
Tgt Ion: 94 Resp: 140584
Ion Ratio Lower Upper
94 100
65 32.1 11.1 51.1
66 46.4 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 43.990 ng
RT: 7.530 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

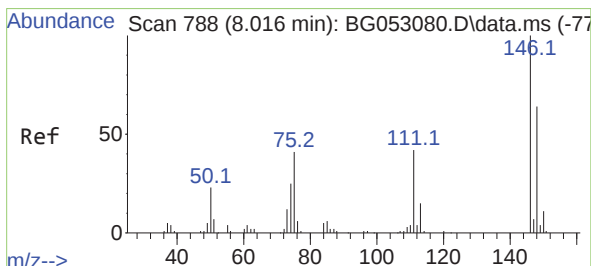
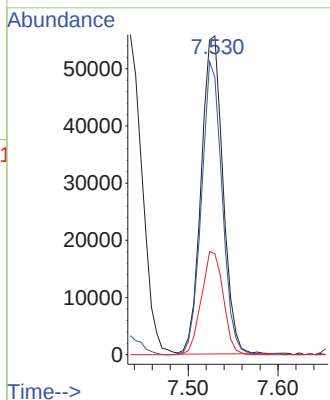
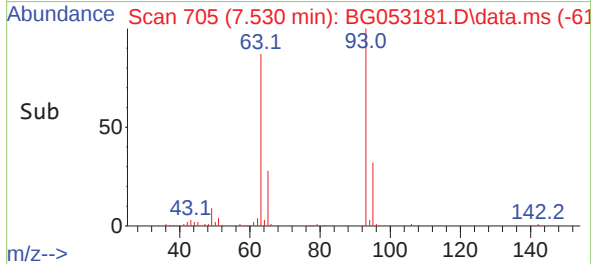
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



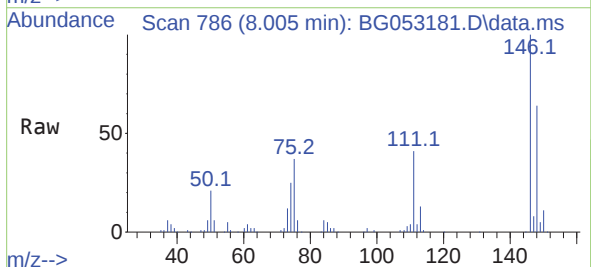
Tgt Ion: 93 Resp: 9338
Ion Ratio Lower Upper
93 100
63 87.0 56.9 96.9
95 31.7 14.5 54.5

Manual Integrations
APPROVED

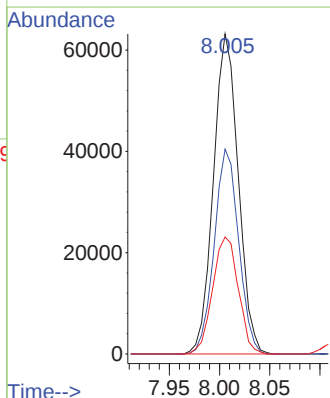
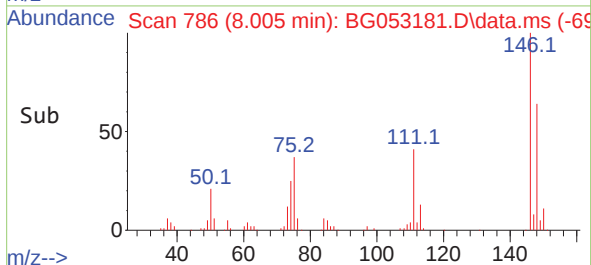
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

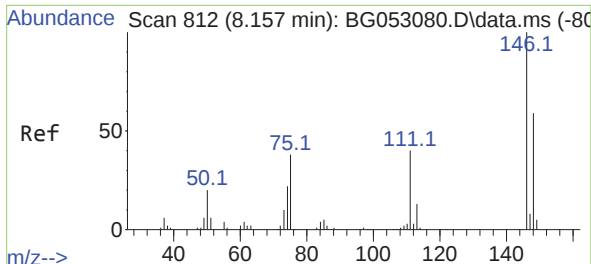


#12
1,3-Dichlorobenzene
Concen: 45.121 ng
RT: 8.005 min Scan# 786
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



Tgt Ion:146 Resp: 108599
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
75 36.5 25.9 38.9





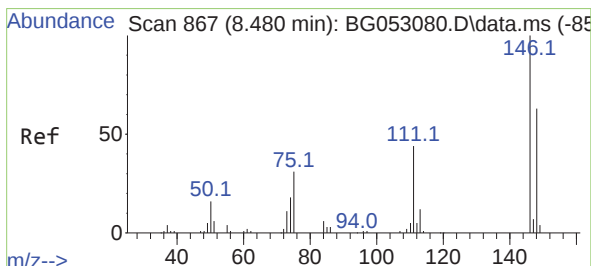
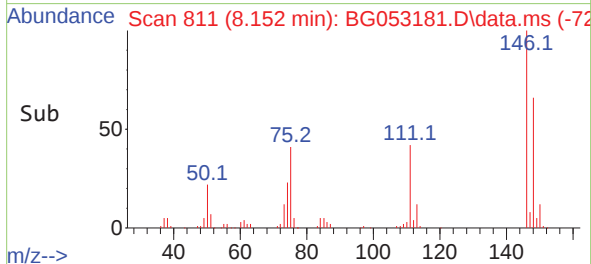
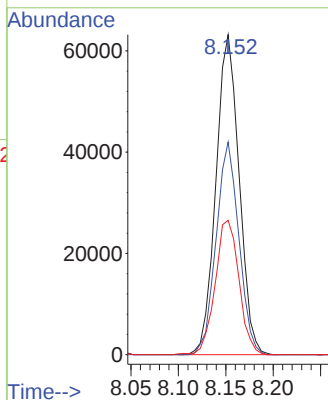
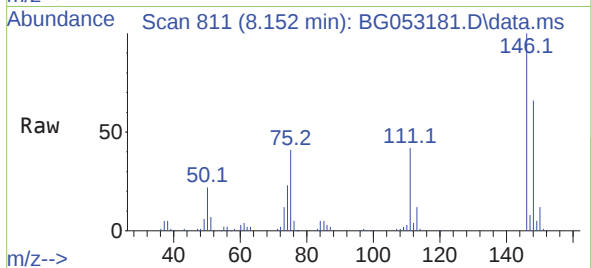
#13
1,4-Dichlorobenzene
Concen: 43.809 ng
RT: 8.152 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:146 Resp: 10749
Ion Ratio Lower Upper
146 100
148 66.4 50.0 75.0
111 42.0 31.0 46.4

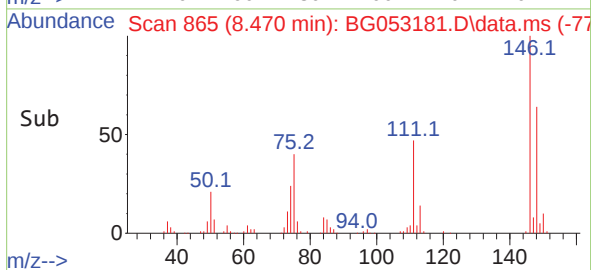
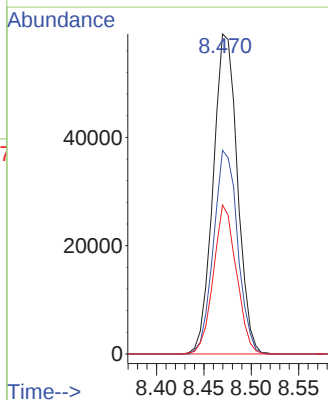
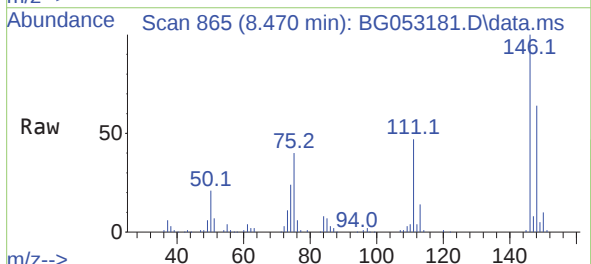
Manual Integrations
APPROVED

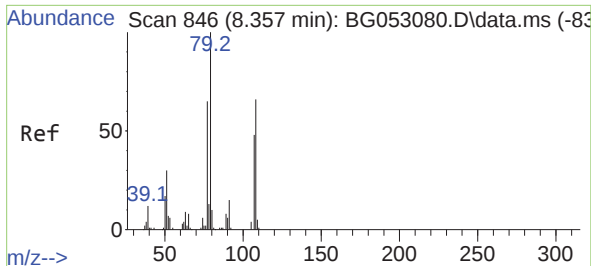
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#14
1,2-Dichlorobenzene
Concen: 44.547 ng
RT: 8.470 min Scan# 865
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

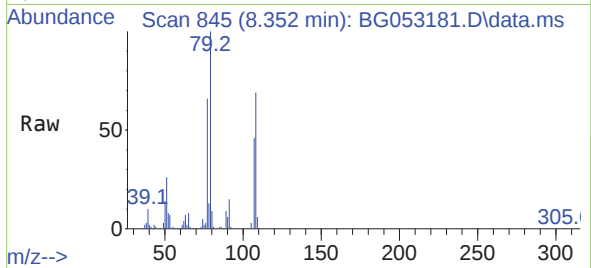
Tgt Ion:146 Resp: 105407
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 46.6 34.7 52.1





#15
Benzyl Alcohol
Concen: 43.165 ng
RT: 8.352 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

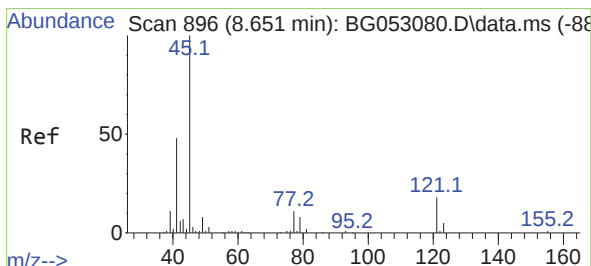
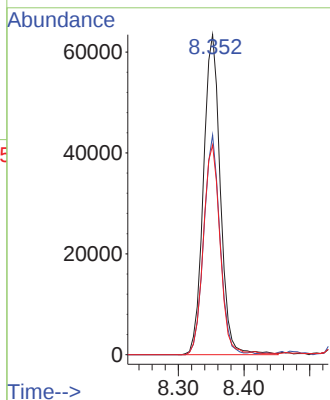
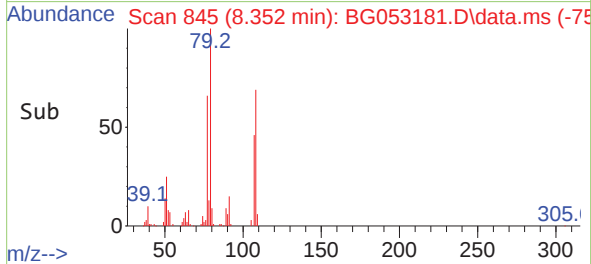
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion: 79 Resp: 113510
Ion Ratio Lower Upper
79 100
108 68.6 55.1 82.7
77 65.5 52.4 78.6

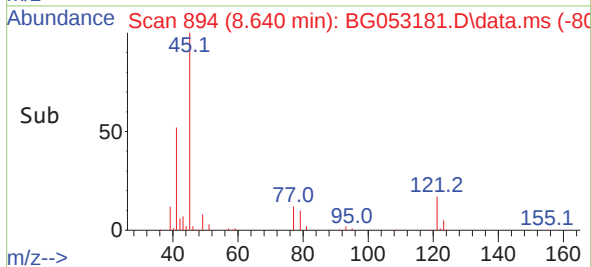
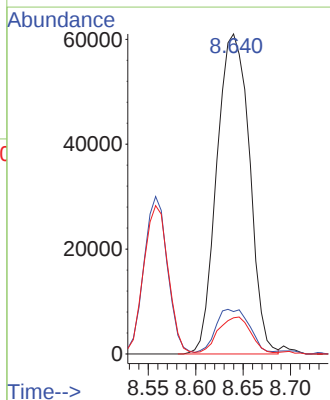
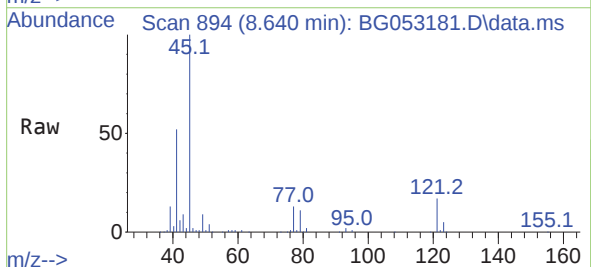
Manual Integrations
APPROVED

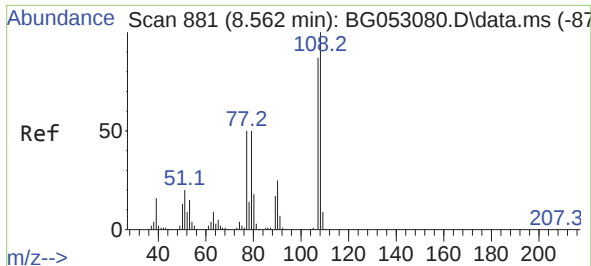
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.240 ng
RT: 8.640 min Scan# 894
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion: 45 Resp: 146168
Ion Ratio Lower Upper
45 100
77 13.2 0.0 34.9
79 11.3 0.0 30.7





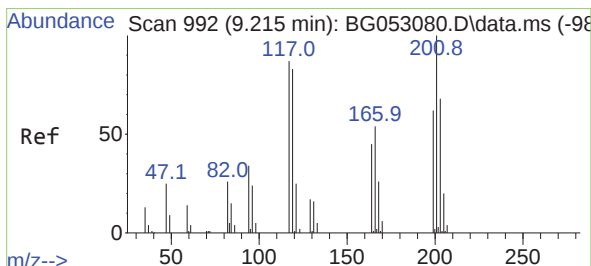
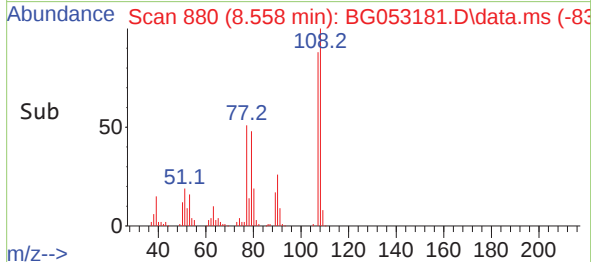
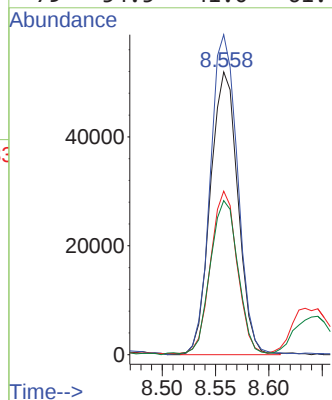
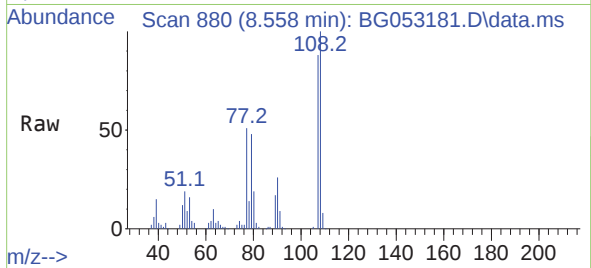
#17
2-Methylphenol
Concen: 46.726 ng
RT: 8.558 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:	107	Resp:	93120
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.5	137.3
77	57.9	42.5	63.7
79	54.5	41.0	61.4

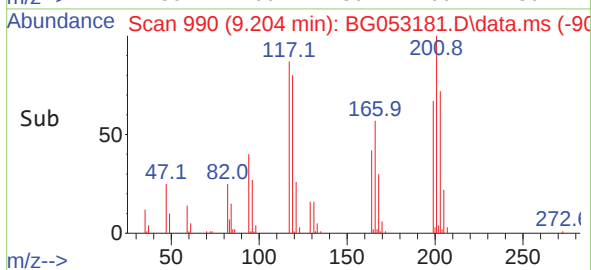
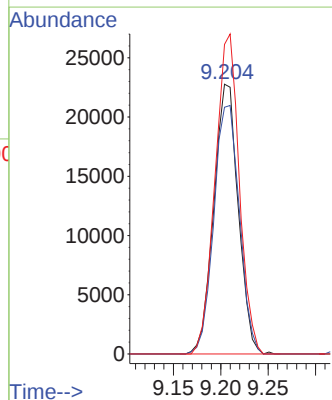
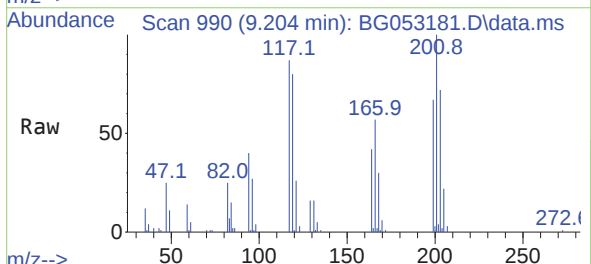
Manual Integrations
APPROVED

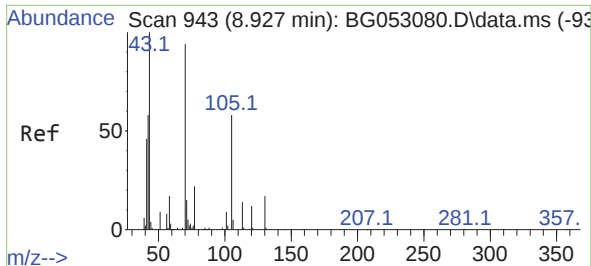
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#18
Hexachloroethane
Concen: 44.356 ng
RT: 9.204 min Scan# 990
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

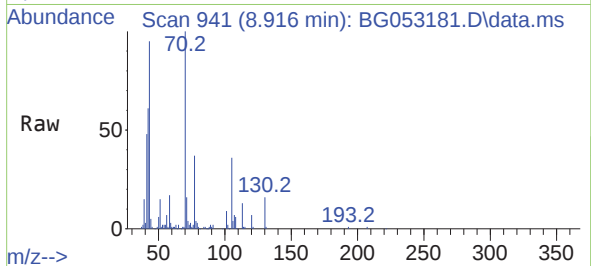
Tgt Ion:	117	Resp:	40814
Ion Ratio	Lower	Upper	
117	100		
119	91.4	75.1	112.7
201	114.8	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.879 ng
RT: 8.916 min Scan# 941
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

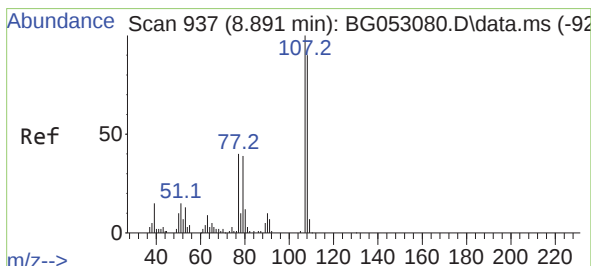
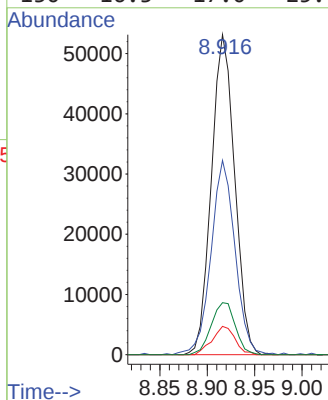
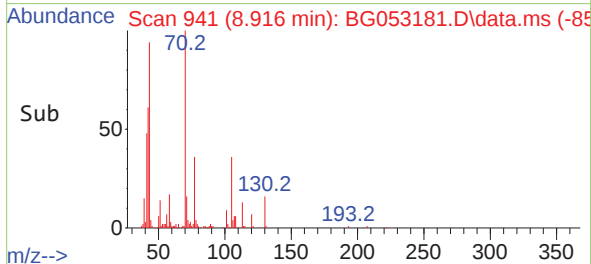
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion: 70 Resp: 90712
Ion Ratio Lower Upper
70 100
42 60.7 46.0 69.0
101 8.8 6.2 9.4
130 16.3 17.0 25.4#

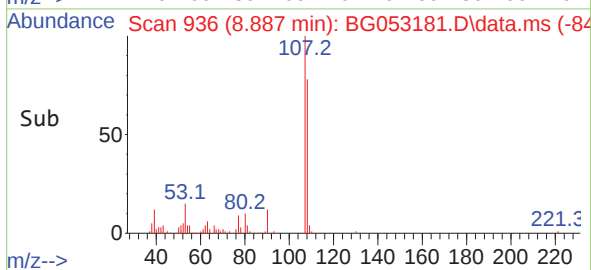
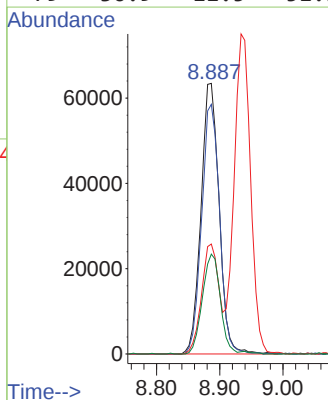
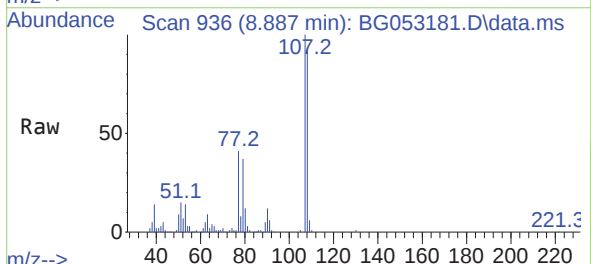
Manual Integrations
APPROVED

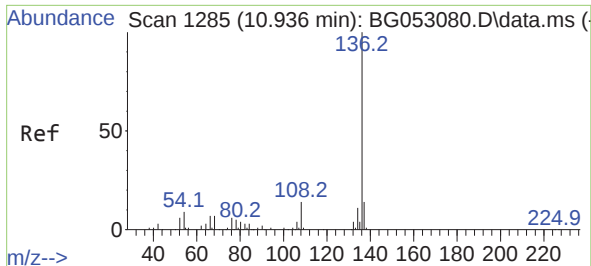
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#20
3+4-Methylphenols
Concen: 44.886 ng
RT: 8.887 min Scan# 936
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:107 Resp: 126279
Ion Ratio Lower Upper
107 100
108 92.3 64.8 104.8
77 40.6 15.9 55.9
79 36.9 11.5 51.5





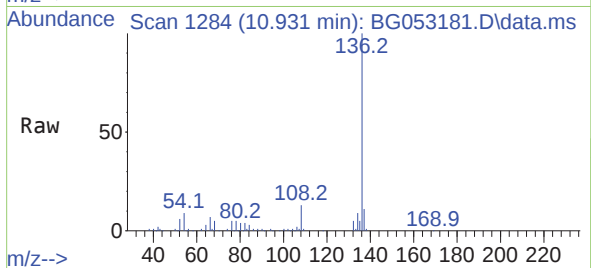
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

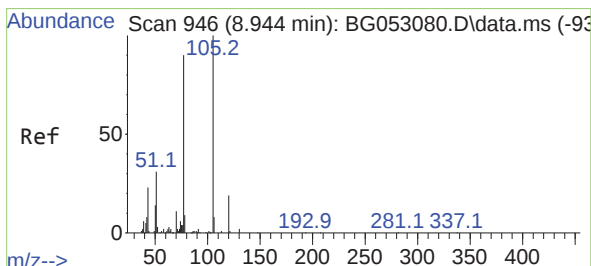
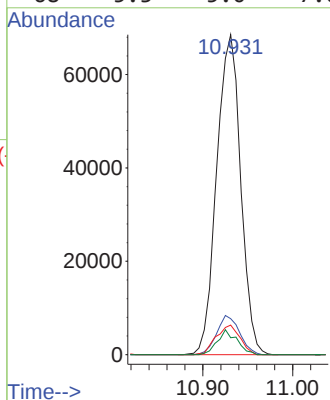
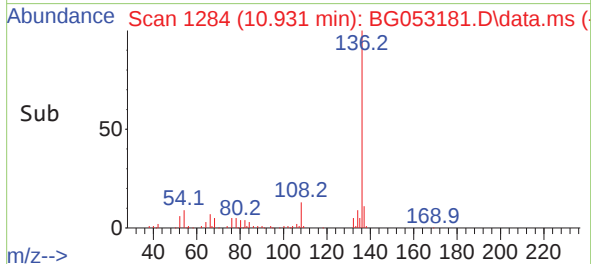


Tgt Ion:136 Resp: 127100
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 9.3 6.4 9.6
68 5.3 5.0 7.6

Manual Integrations

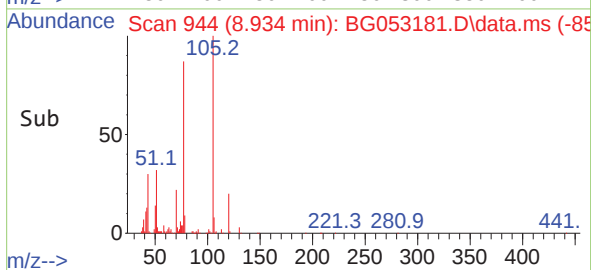
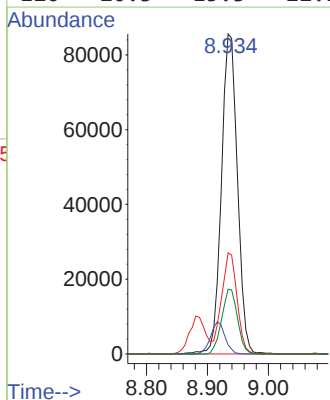
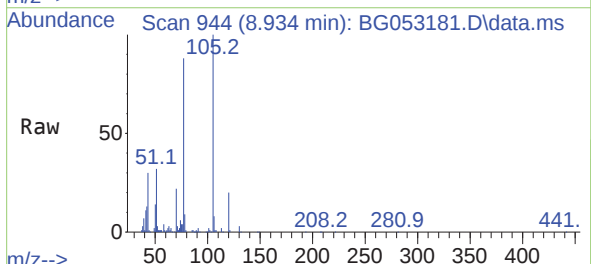
APPROVED

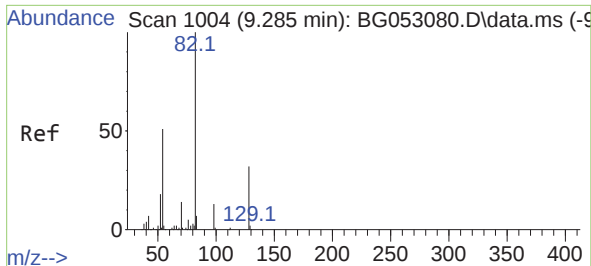
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#22
Acetophenone
Concen: 44.291 ng
RT: 8.934 min Scan# 944
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:105 Resp: 156183
Ion Ratio Lower Upper
105 100
71 2.8 2.1 3.1
51 31.6 21.9 32.9
120 20.3 15.3 22.9





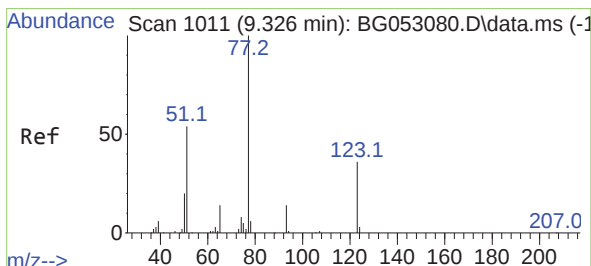
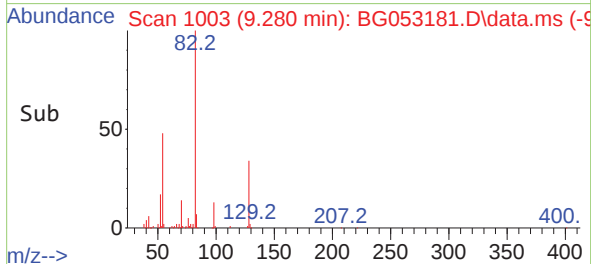
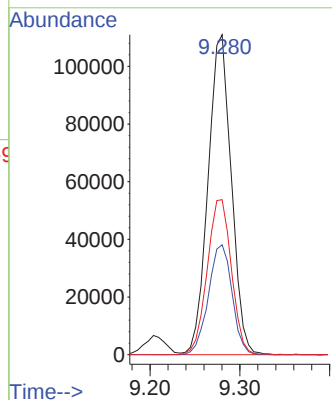
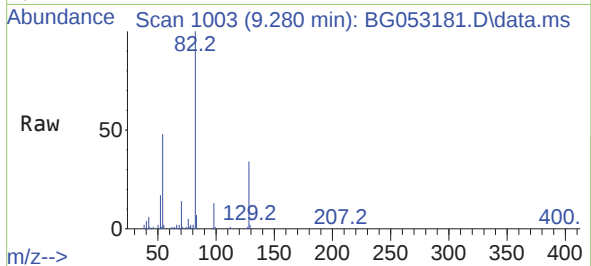
#23
Nitrobenzene-d5
Concen: 63.690 ng
RT: 9.280 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion: 82 Resp: 19937
Ion Ratio Lower Upper
82 100
128 34.4 31.3 46.9
54 48.4 37.8 56.8

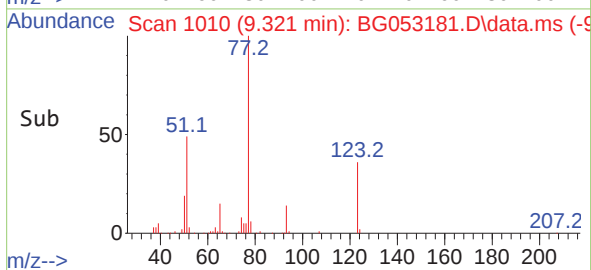
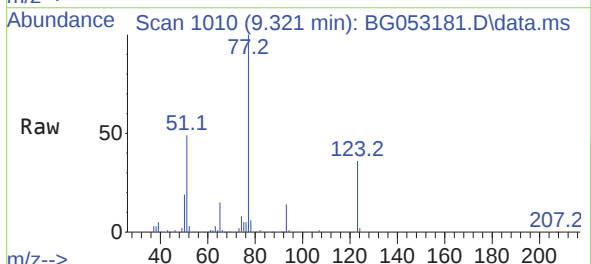
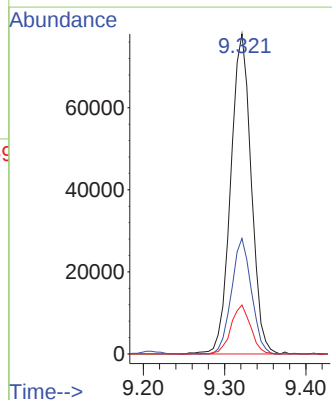
Manual Integrations
APPROVED

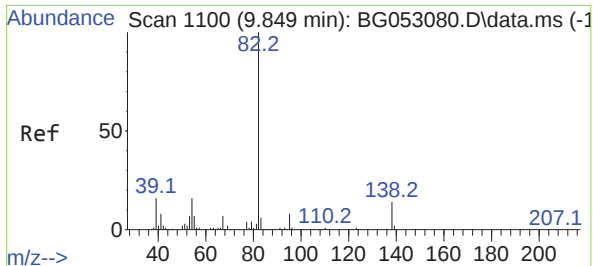
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#24
Nitrobenzene
Concen: 44.912 ng
RT: 9.321 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

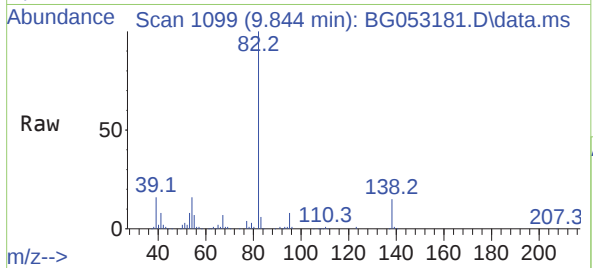
Tgt Ion: 77 Resp: 136752
Ion Ratio Lower Upper
77 100
123 36.1 34.4 51.6
65 15.3 11.2 16.8





#25
Isophorone
Concen: 45.545 ng
RT: 9.844 min Scan# 1099
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

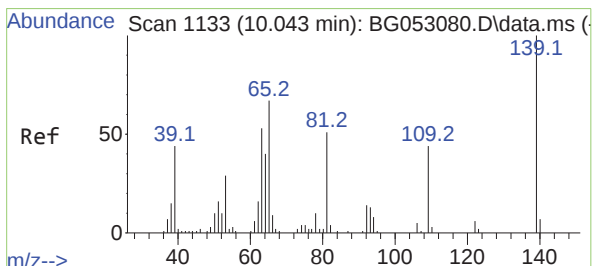
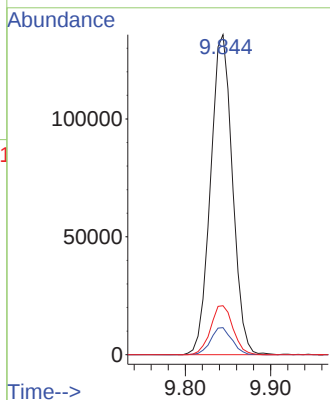
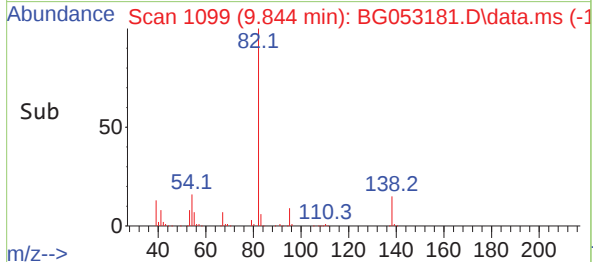
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion: 82 Resp: 242334
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.6
138 15.3 12.6 18.8

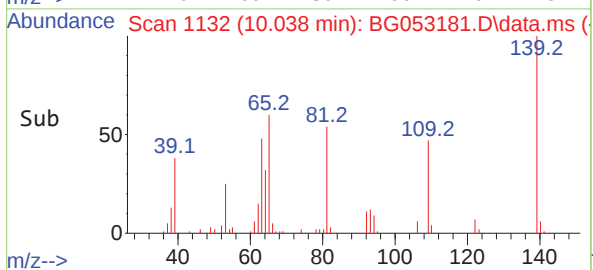
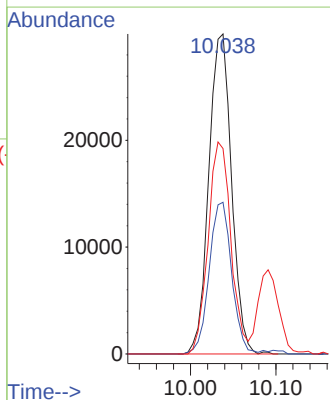
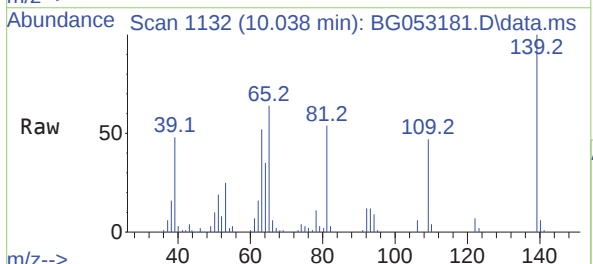
Manual Integrations
APPROVED

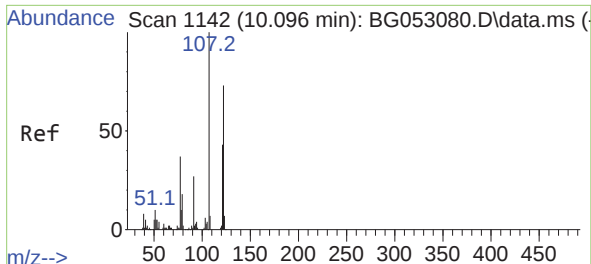
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#26
2-Nitrophenol
Concen: 43.574 ng
RT: 10.038 min Scan# 1132
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:139 Resp: 55480
Ion Ratio Lower Upper
139 100
109 47.4 29.4 44.0#
65 64.2 48.2 72.2





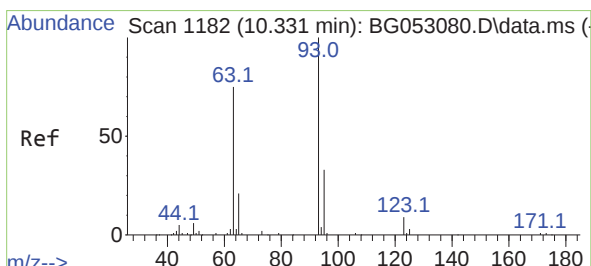
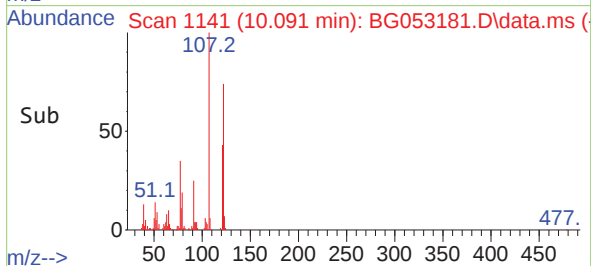
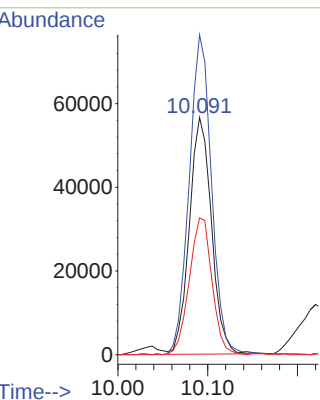
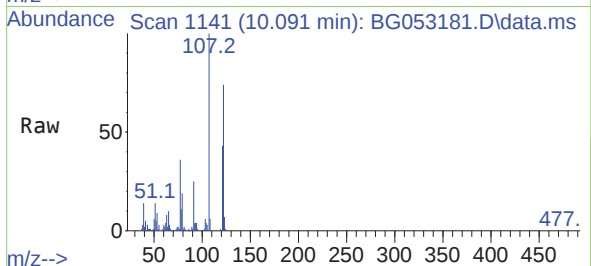
#27
2,4-Dimethylphenol
Concen: 53.061 ng
RT: 10.091 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:122 Resp: 9675
Ion Ratio Lower Upper
122 100
107 134.9 96.7 145.1
121 57.7 46.3 69.5

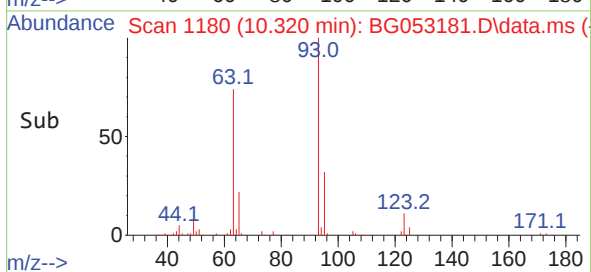
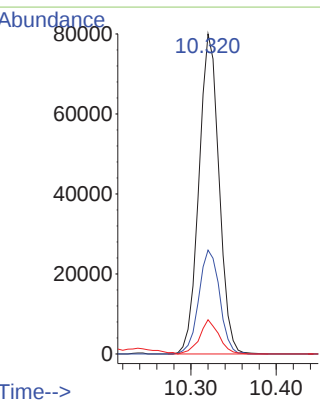
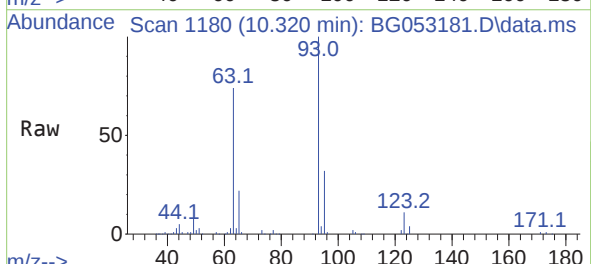
Manual Integrations
APPROVED

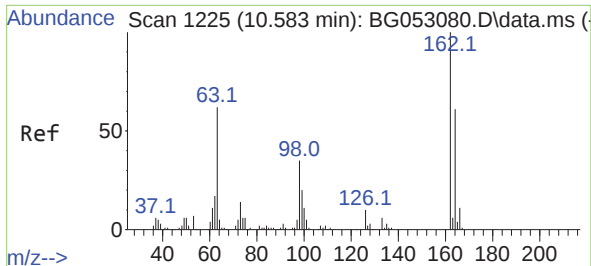
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.806 ng
RT: 10.320 min Scan# 1180
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion: 93 Resp: 130946
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 10.7 8.6 12.8





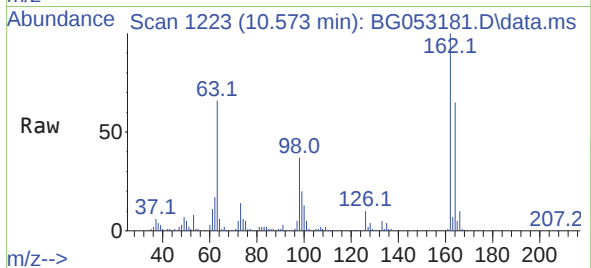
#29
2,4-Dichlorophenol
Concen: 47.285 ng
RT: 10.573 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

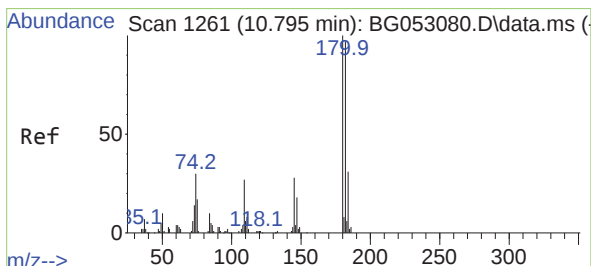
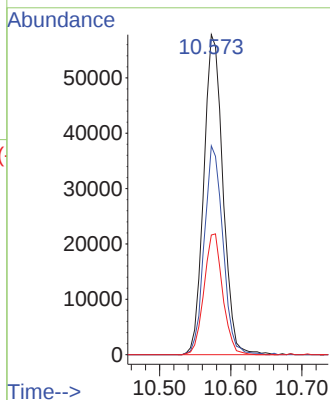
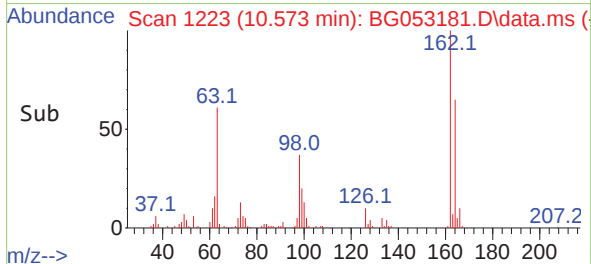


Tgt Ion:162 Resp: 10839
Ion Ratio Lower Upper
162 100
164 65.3 44.0 84.0
98 37.4 17.3 57.3

Manual Integrations

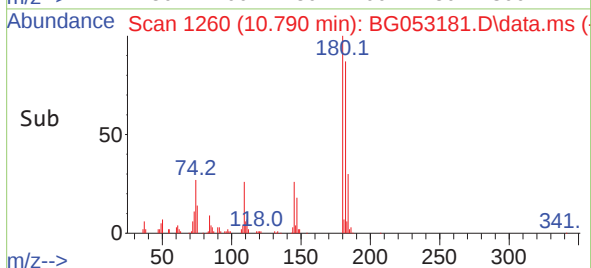
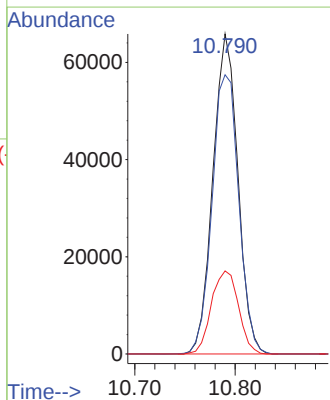
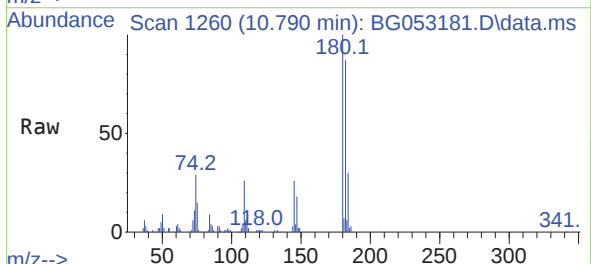
APPROVED

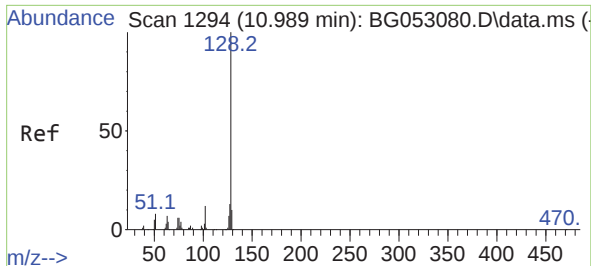
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.731 ng
RT: 10.790 min Scan# 1260
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:180 Resp: 113461
Ion Ratio Lower Upper
180 100
182 87.2 77.8 116.6
145 26.0 24.4 36.6





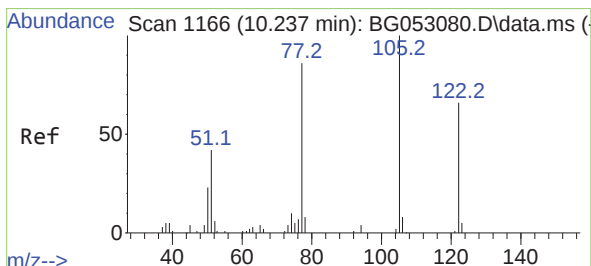
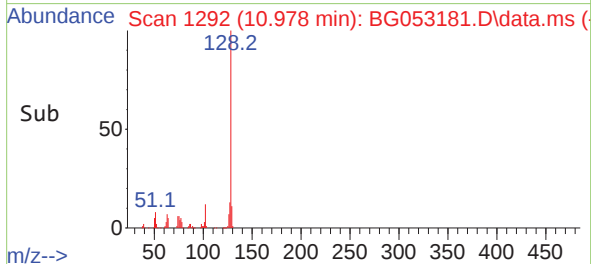
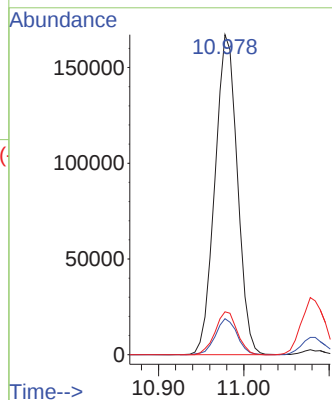
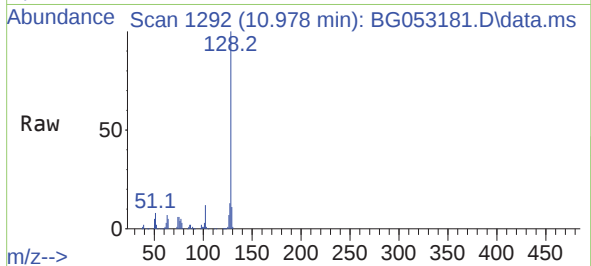
#31
Naphthalene
Concen: 45.018 ng
RT: 10.978 min Scan# 1167
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:128 Resp: 30528
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.5 15.7

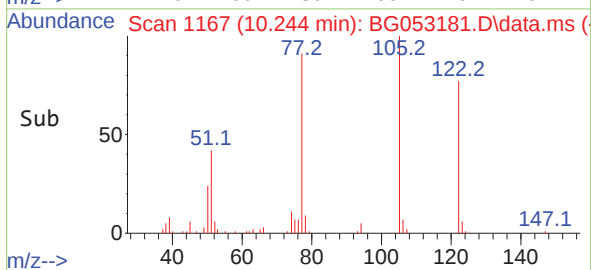
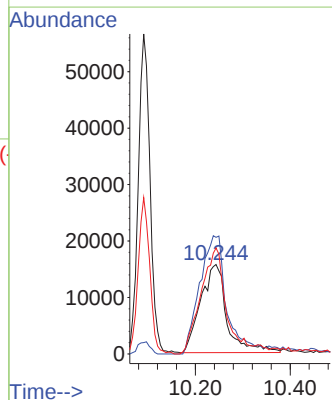
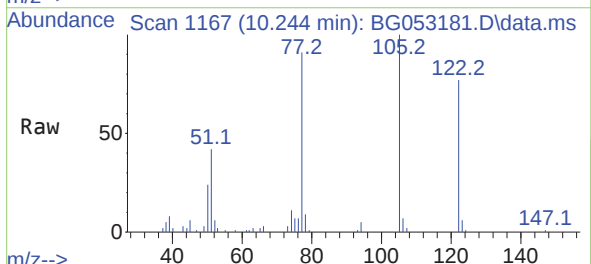
Manual Integrations
APPROVED

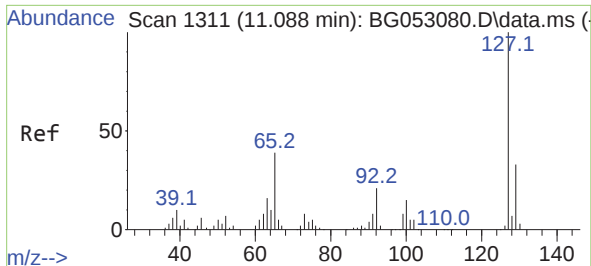
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#32
Benzoic acid
Concen: 50.346 ng
RT: 10.244 min Scan# 1167
Delta R.T. 0.007 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:122 Resp: 59977
Ion Ratio Lower Upper
122 100
105 130.4 112.8 152.8
77 118.4 78.4 118.4





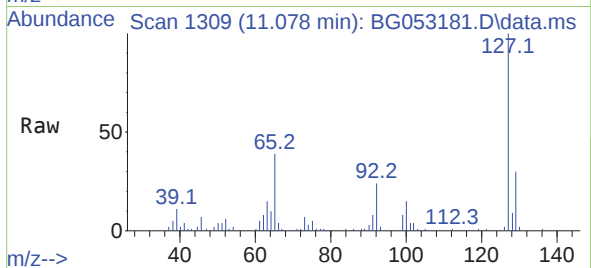
#33
4-Chloroaniline
Concen: 20.253 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

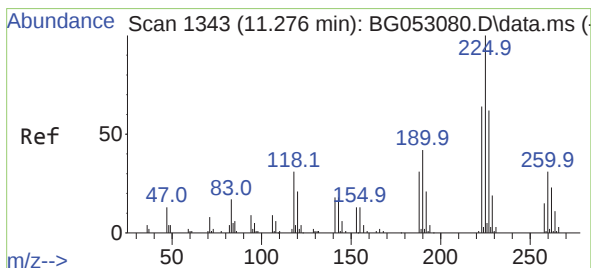
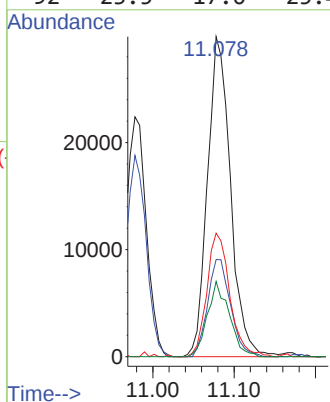
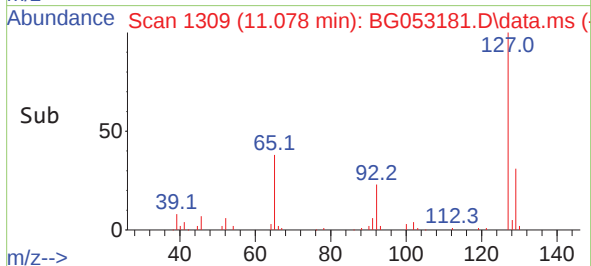


Tgt Ion:127 Resp: 58810
Ion Ratio Lower Upper
127 100
129 30.3 27.6 41.4
65 38.6 28.2 42.4
92 23.5 17.0 25.4

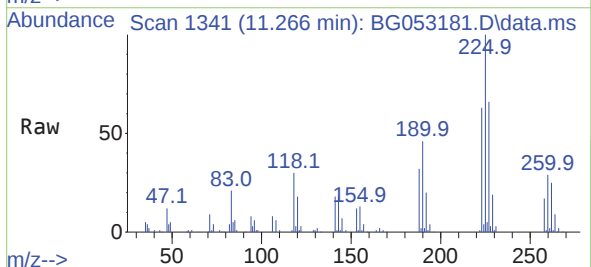
Manual Integrations

APPROVED

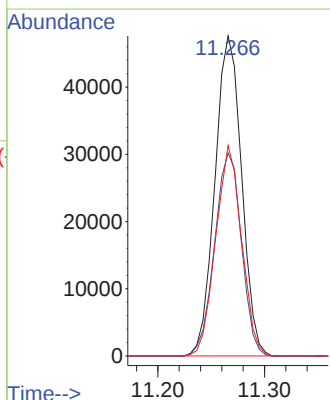
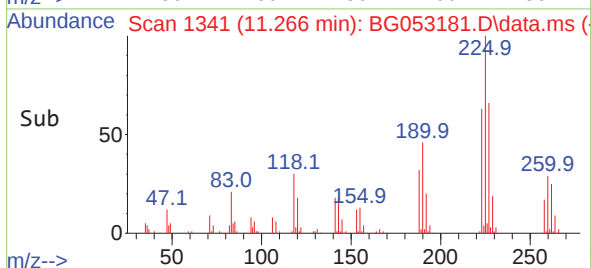
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

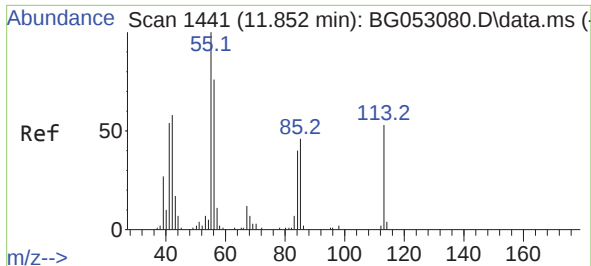


#34
Hexachlorobutadiene
Concen: 42.880 ng
RT: 11.266 min Scan# 1341
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



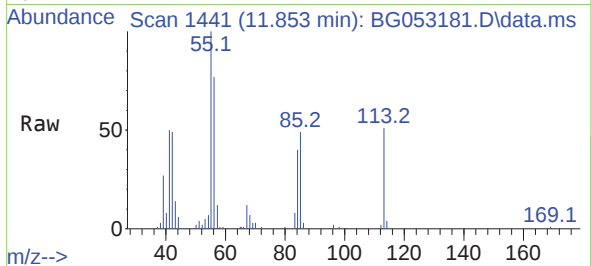
Tgt Ion:225 Resp: 82643
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.2
227 65.8 52.0 78.0





#35
Caprolactam
Concen: 44.549 ng m
RT: 11.853 min Scan# 1441
Delta R.T. 0.001 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

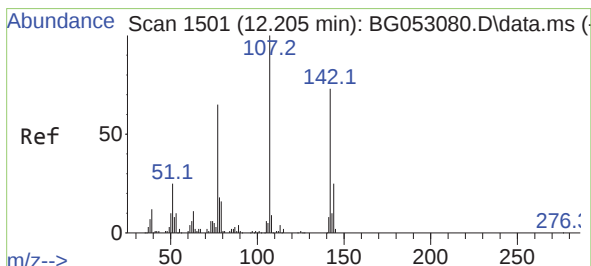
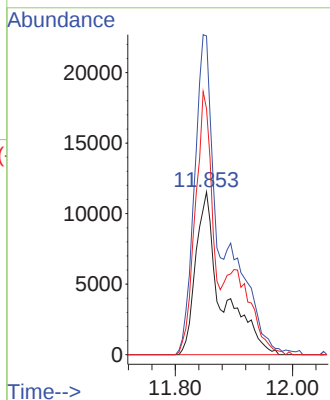
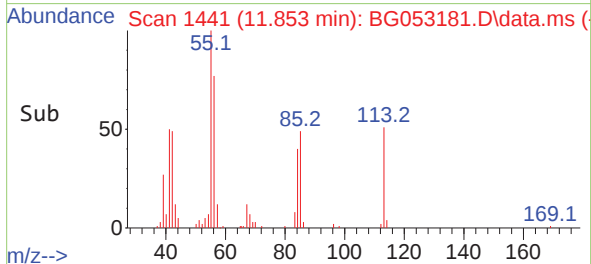
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



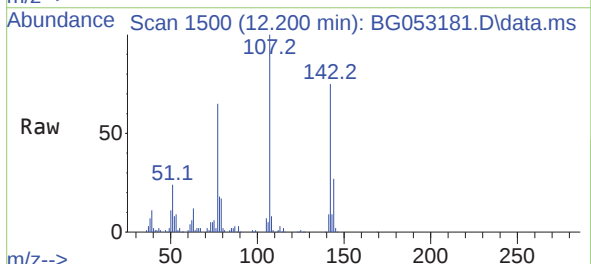
Tgt Ion:113 Resp: 3599
Ion Ratio Lower Upper
113 100
55 195.9 151.3 191.3
56 151.2 128.5 168.5

Manual Integrations
APPROVED

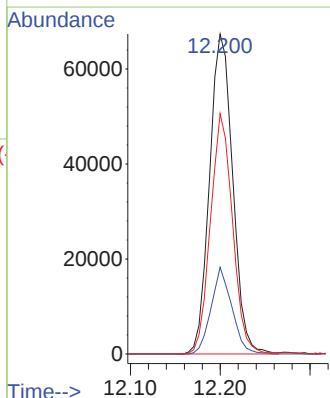
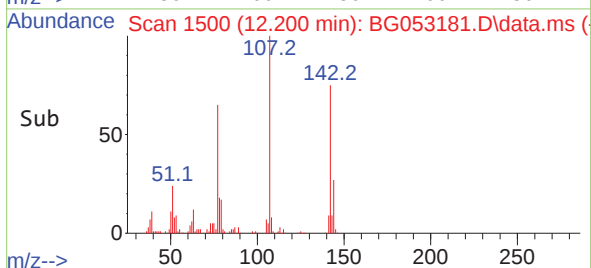
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

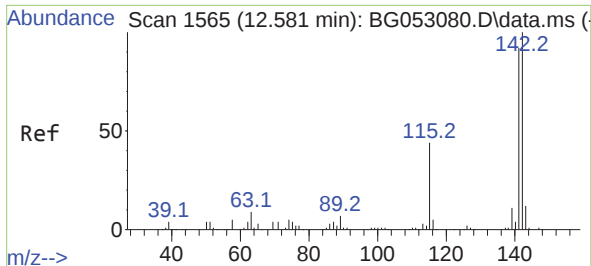


#36
4-Chloro-3-methylphenol
Concen: 45.264 ng
RT: 12.200 min Scan# 1500
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



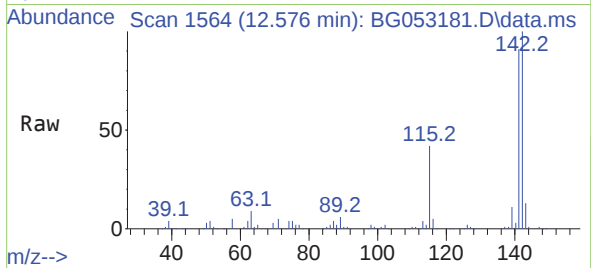
Tgt Ion:107 Resp: 120802
Ion Ratio Lower Upper
107 100
144 27.1 21.4 32.0
142 75.1 61.7 92.5





#37
2-Methylnaphthalene
Concen: 42.997 ng
RT: 12.576 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

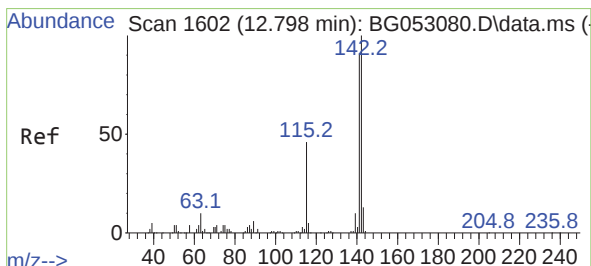
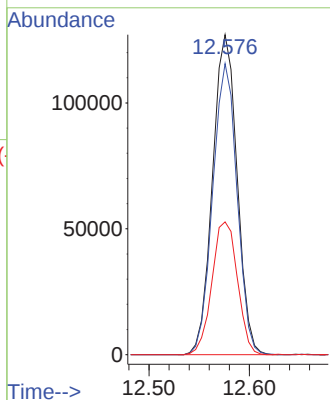
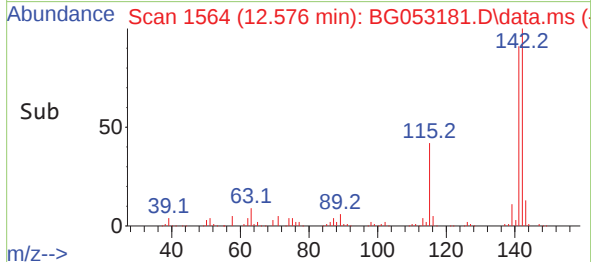
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:142 Resp: 215754
Ion Ratio Lower Upper
142 100
141 90.9 71.3 106.9
115 41.5 29.5 44.3

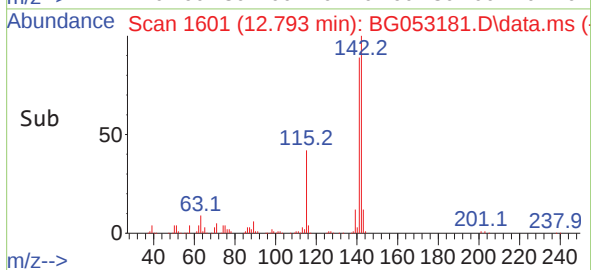
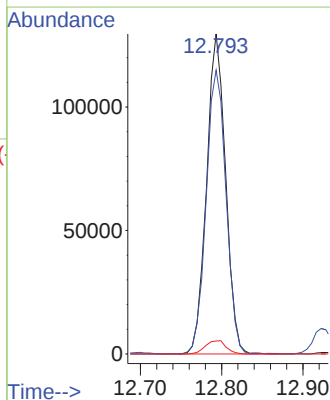
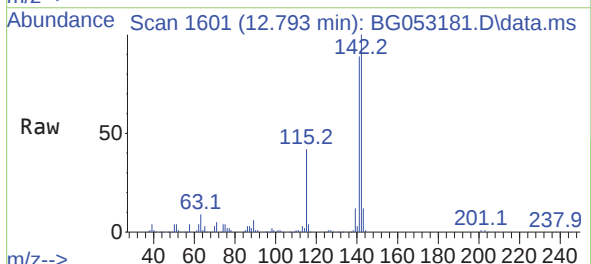
Manual Integrations
APPROVED

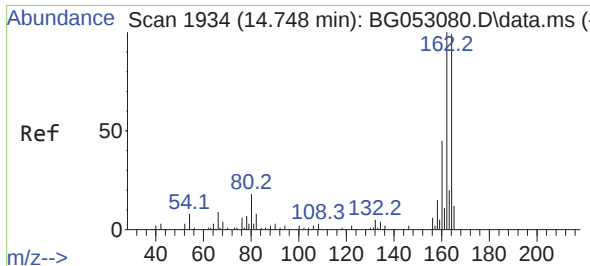
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#38
1-Methylnaphthalene
Concen: 42.976 ng
RT: 12.793 min Scan# 1601
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:142 Resp: 210497
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

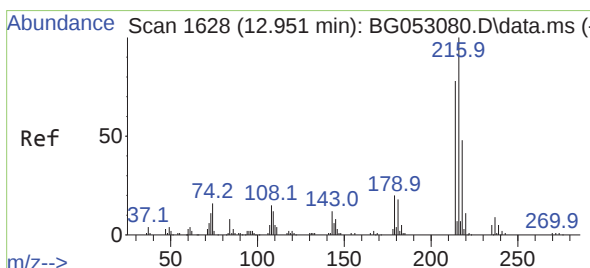
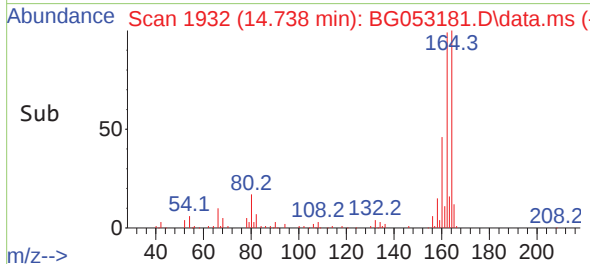
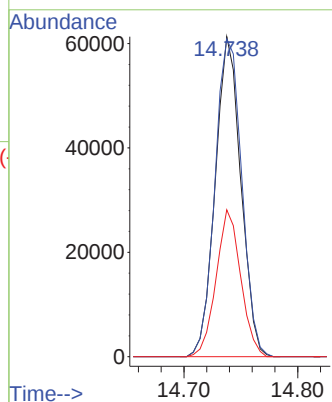
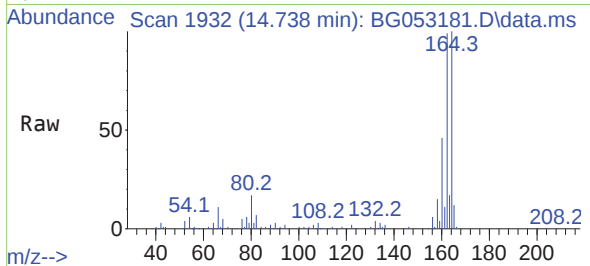
ClientSampleId :

SB-1MSD

Tgt Ion:164 Resp: 9568
Ion Ratio Lower Upper
164 100
162 99.3 80.0 120.0
160 45.9 38.8 58.2

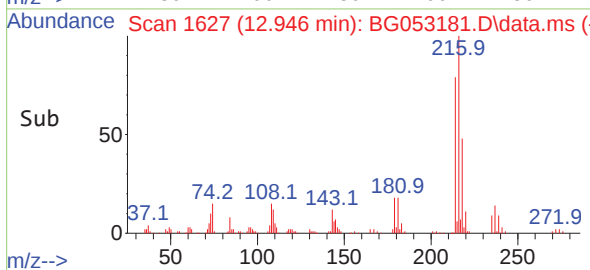
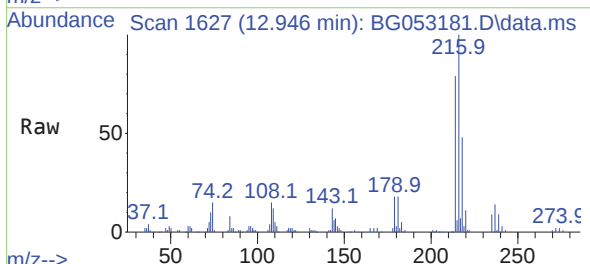
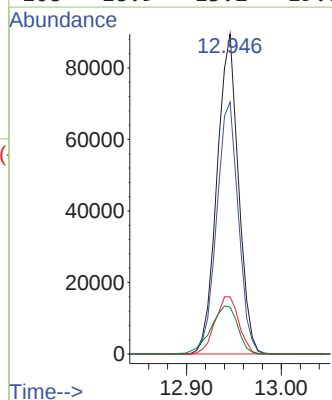
Manual Integrations
APPROVED

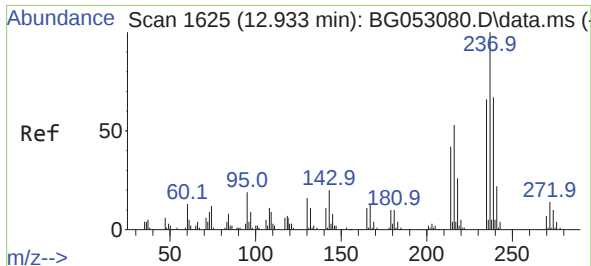
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.322 ng
RT: 12.946 min Scan# 1627
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

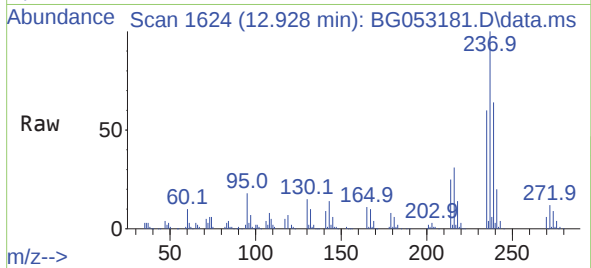
Tgt Ion:216 Resp: 140793
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 19.8 15.7 23.5
108 18.9 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 99.594 ng
RT: 12.928 min Scan# 1624
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

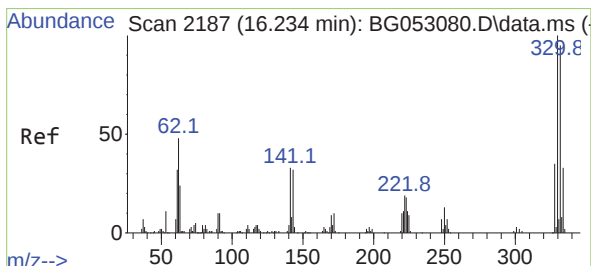
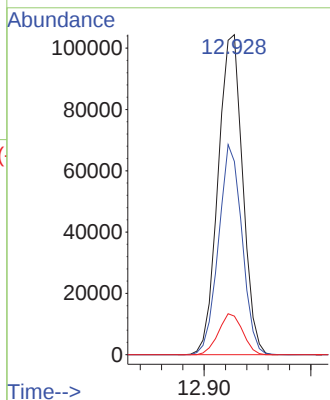
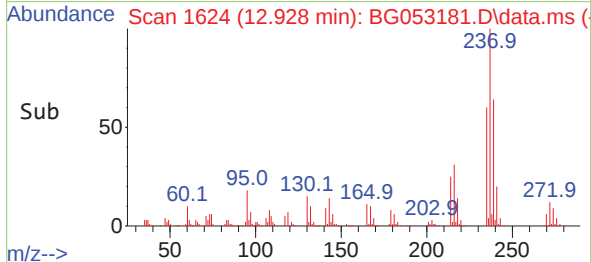
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



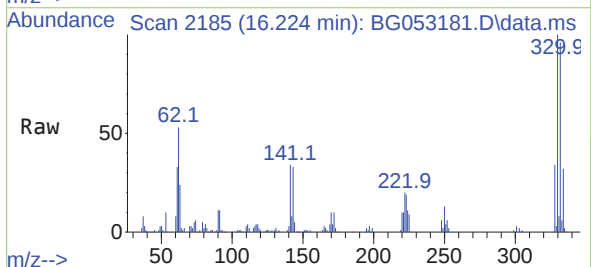
Tgt Ion:237 Resp: 167080
Ion Ratio Lower Upper
237 100
235 60.4 37.7 77.7
272 12.1 0.0 30.7

Manual Integrations
APPROVED

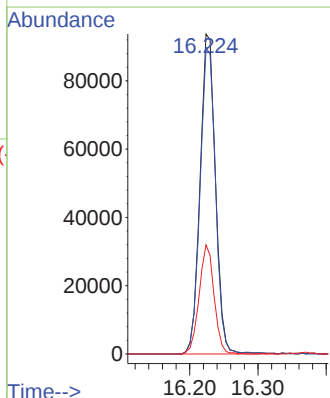
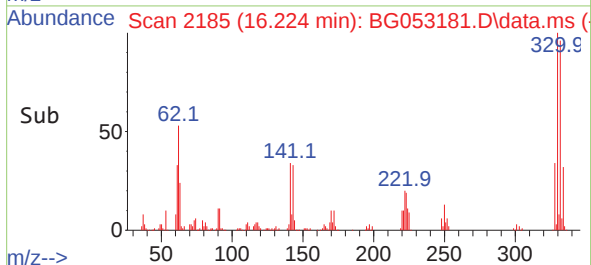
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

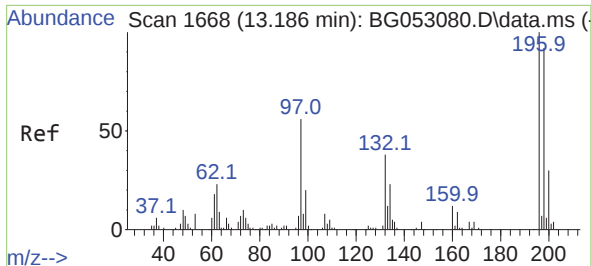


#42
2,4,6-Tribromophenol
Concen: 96.534 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



Tgt Ion:330 Resp: 146960
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 33.0 24.6 36.8





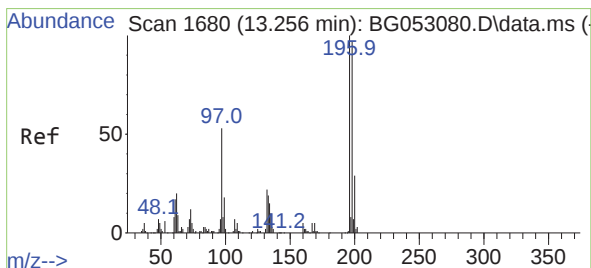
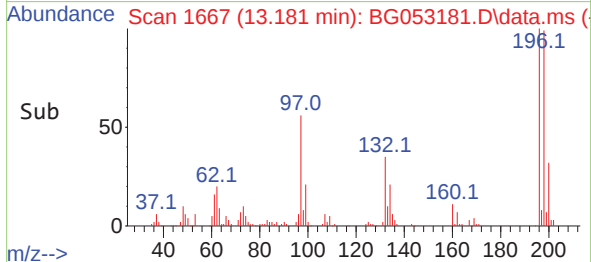
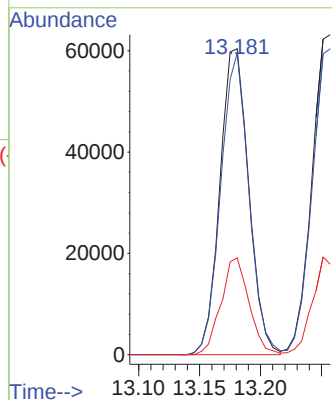
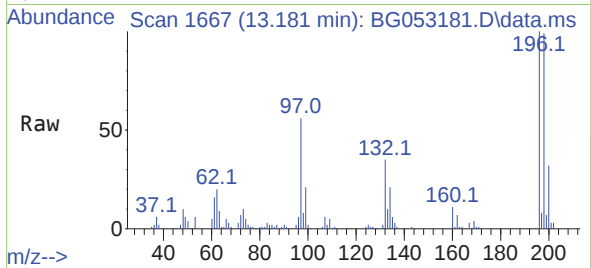
#43
2,4,6-Trichlorophenol
Concen: 44.524 ng
RT: 13.181 min Scan# 1668
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:196 Resp: 9976
Ion Ratio Lower Upper
196 100
198 98.5 78.8 118.2
200 31.6 25.1 37.7

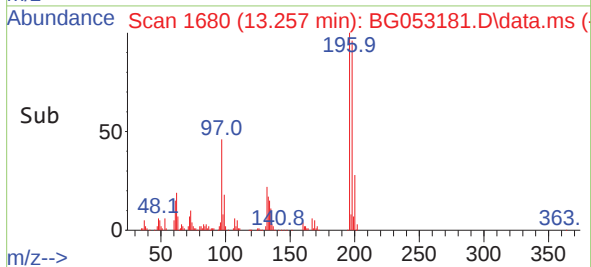
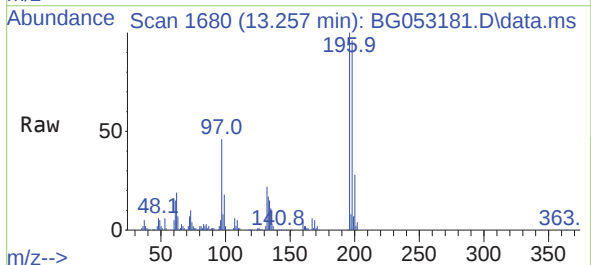
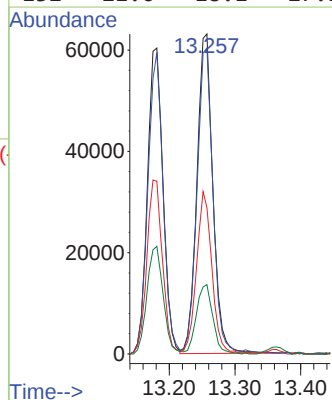
Manual Integrations
APPROVED

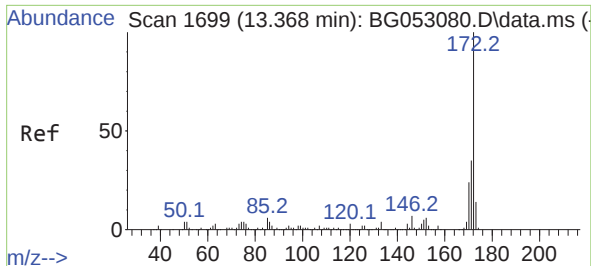
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#44
2,4,5-Trichlorophenol
Concen: 44.848 ng
RT: 13.257 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:196 Resp: 107086
Ion Ratio Lower Upper
196 100
198 95.6 75.8 113.6
97 45.8 36.5 54.7
132 21.6 18.1 27.1





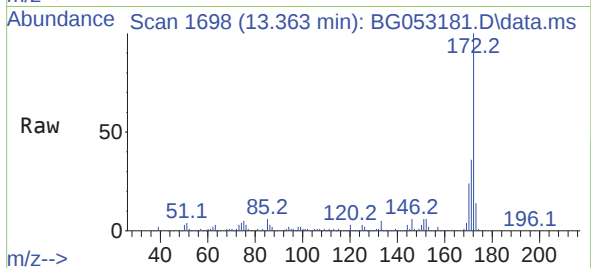
#45
2-Fluorobiphenyl
Concen: 62.943 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

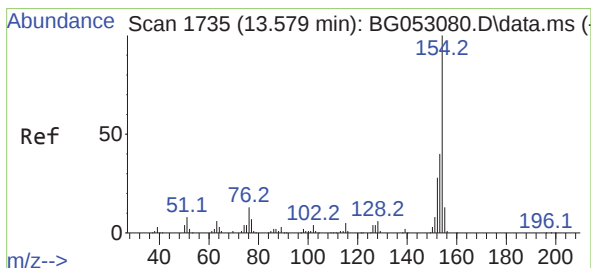
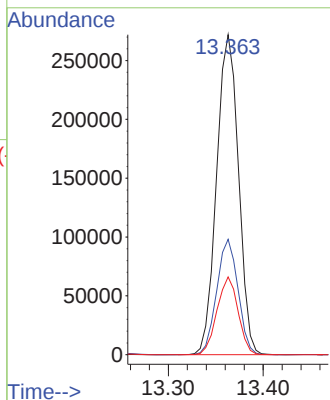
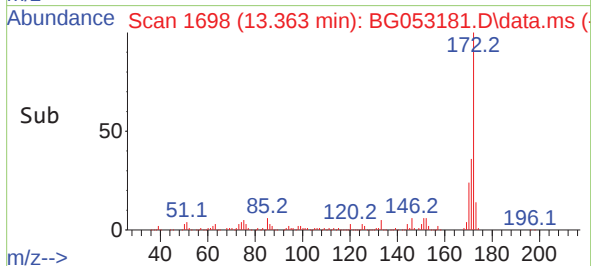


Tgt Ion:172 Resp: 436789
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 24.3 18.0 27.0

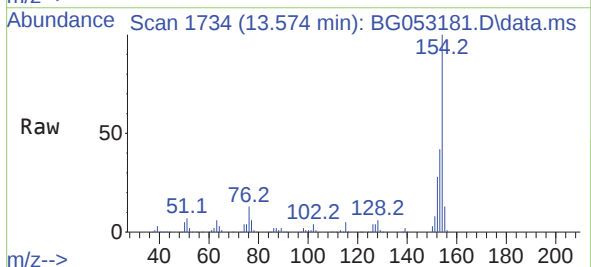
Manual Integrations

APPROVED

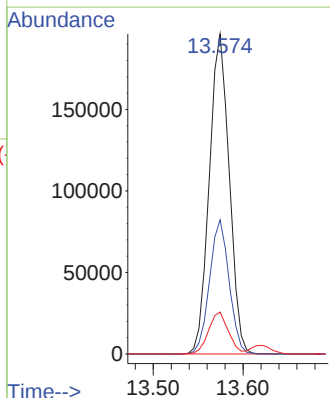
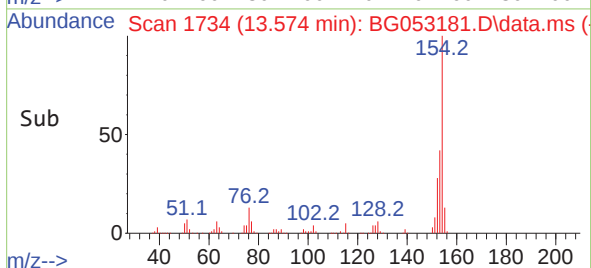
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

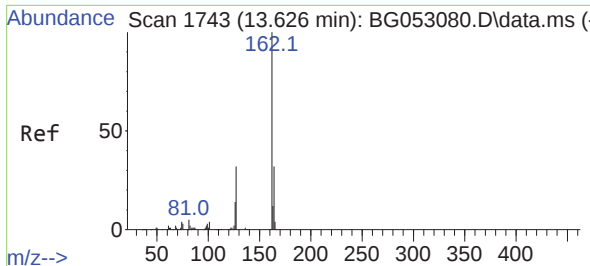


#46
1,1'-Biphenyl
Concen: 43.888 ng
RT: 13.574 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



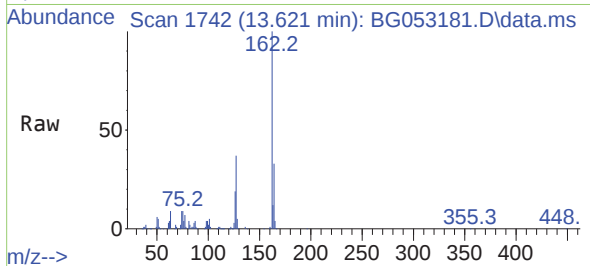
Tgt Ion:154 Resp: 302425
Ion Ratio Lower Upper
154 100
153 41.9 21.6 61.6
76 13.1 0.0 31.5





#47
2-Chloronaphthalene
Concen: 42.992 ng
RT: 13.621 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

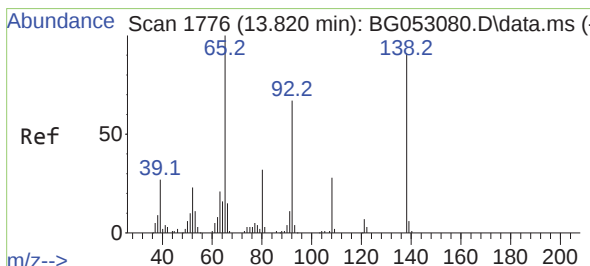
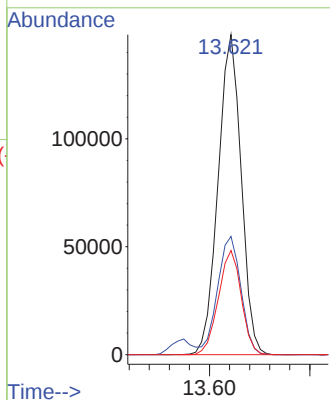
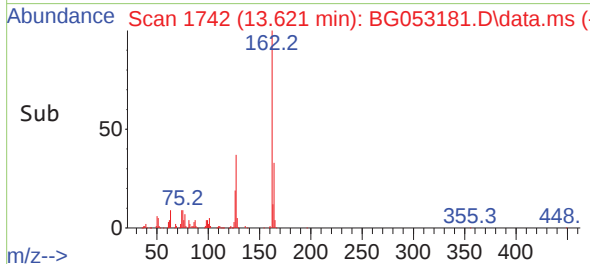
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:162 Resp: 23635
Ion Ratio Lower Upper
162 100
127 37.0 28.1 42.1
164 32.6 26.0 39.0

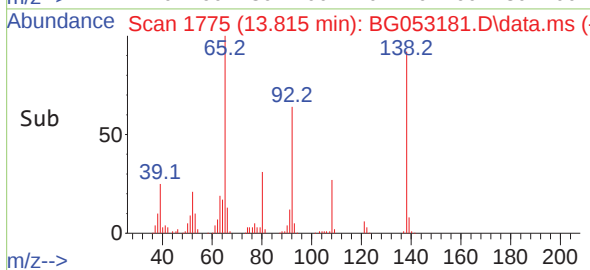
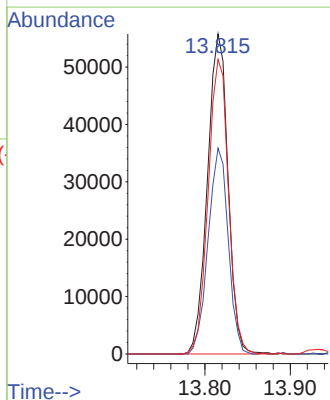
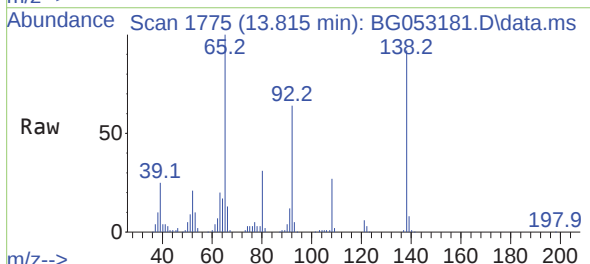
Manual Integrations
APPROVED

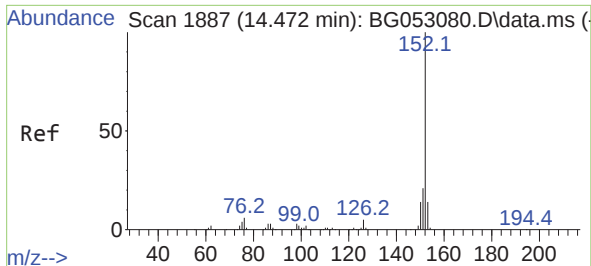
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#48
2-Nitroaniline
Concen: 44.812 ng
RT: 13.815 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

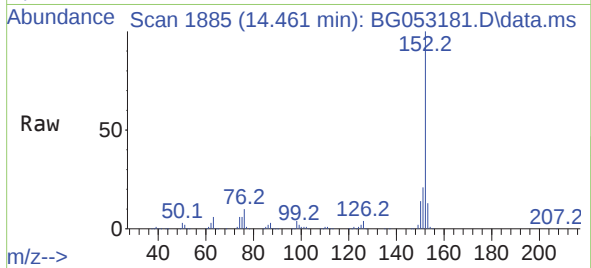
Tgt Ion: 65 Resp: 93494
Ion Ratio Lower Upper
65 100
92 64.3 52.1 78.1
138 92.1 80.1 120.1





#49
Acenaphthylene
Concen: 46.328 ng
RT: 14.461 min Scan# 1885
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

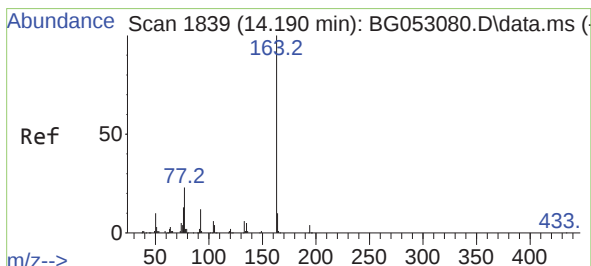
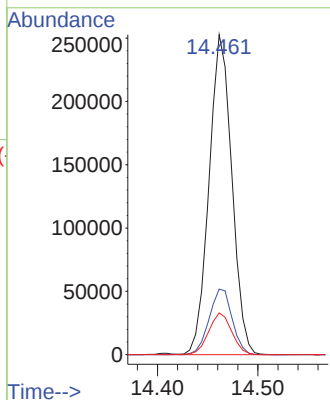
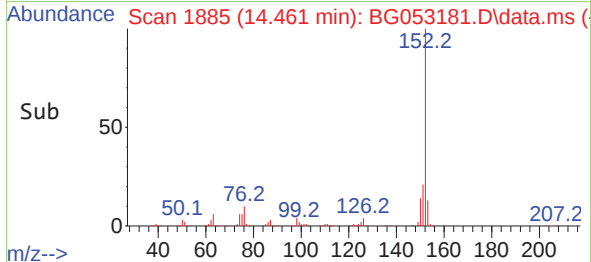
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



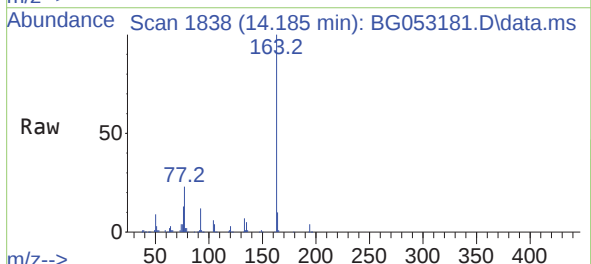
Tgt Ion:152 Resp: 39870
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 13.0 10.6 15.8

Manual Integrations
APPROVED

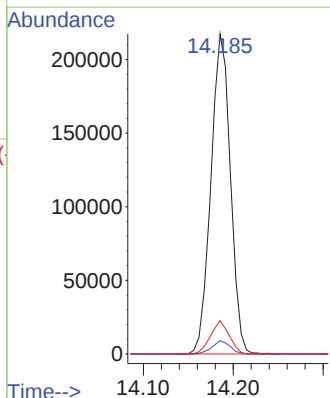
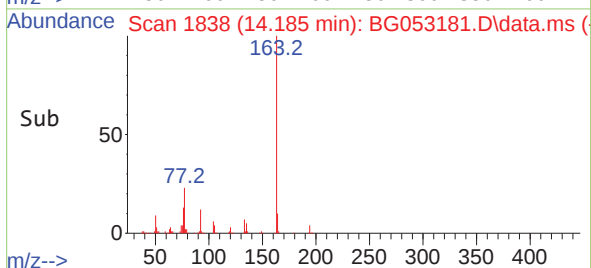
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

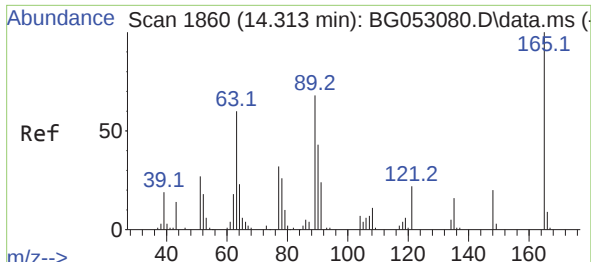


#50
Dimethylphthalate
Concen: 42.760 ng
RT: 14.185 min Scan# 1838
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



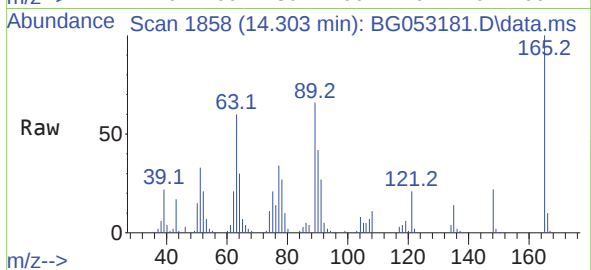
Tgt Ion:163 Resp: 327261
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.972 ng
RT: 14.303 min Scan# 1860
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

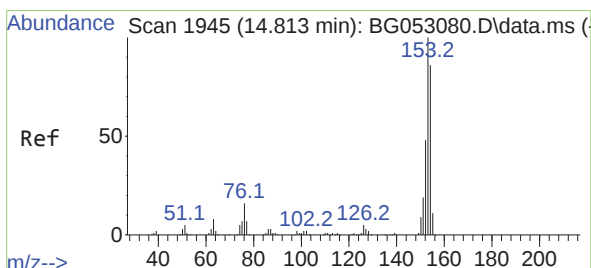
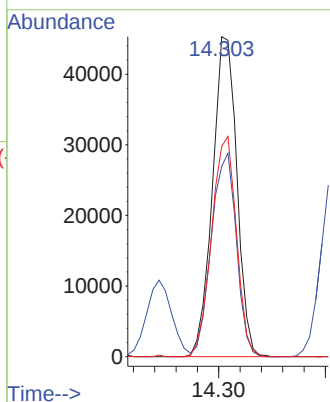
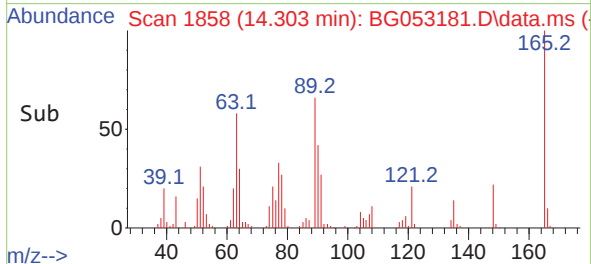
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:165 Resp: 7180
Ion Ratio Lower Upper
165 100
63 59.5 43.7 65.5
89 65.8 45.0 67.4

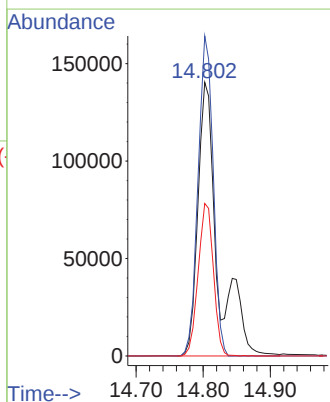
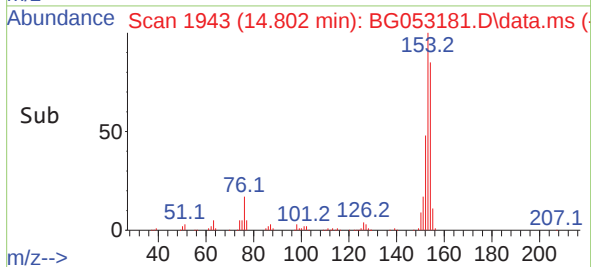
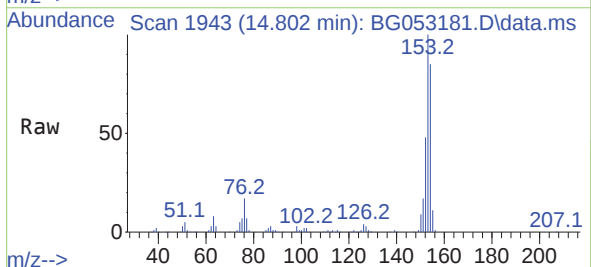
Manual Integrations
APPROVED

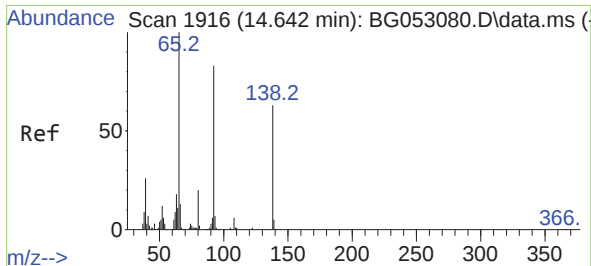
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#52
Acenaphthene
Concen: 49.633 ng m
RT: 14.802 min Scan# 1943
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

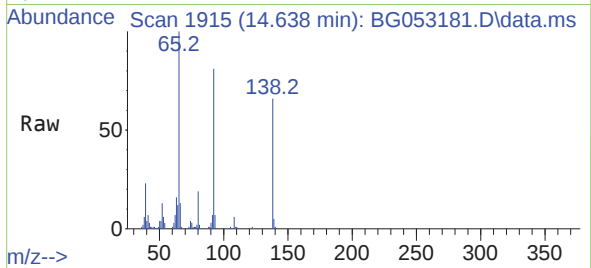
Tgt Ion:154 Resp: 289668
Ion Ratio Lower Upper
154 100
153 117.0 89.0 133.4
152 55.7 40.5 60.7





#53
3-Nitroaniline
Concen: 22.762 ng
RT: 14.638 min Scan# 1916
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

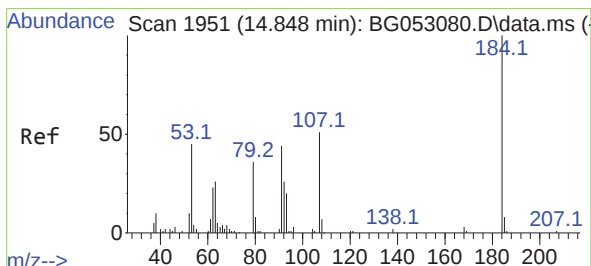
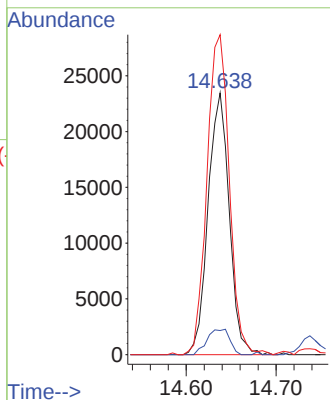
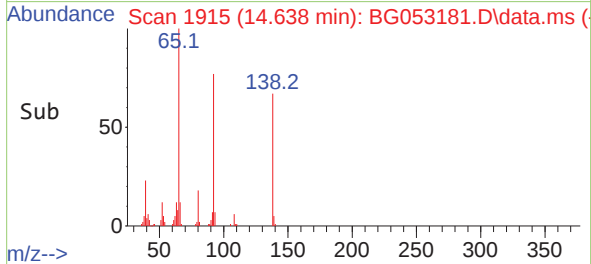
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:138 Resp: 38430
Ion Ratio Lower Upper
138 100
108 9.2 8.0 12.0
92 122.3 96.2 144.2

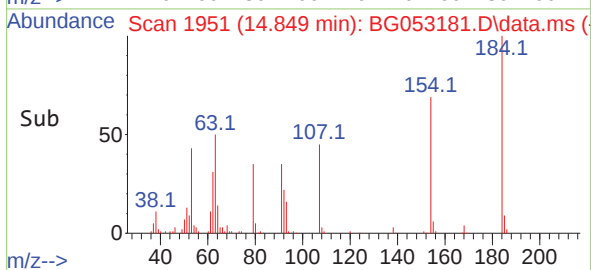
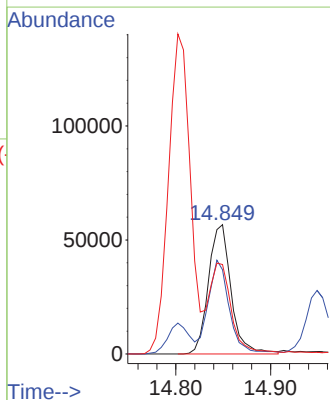
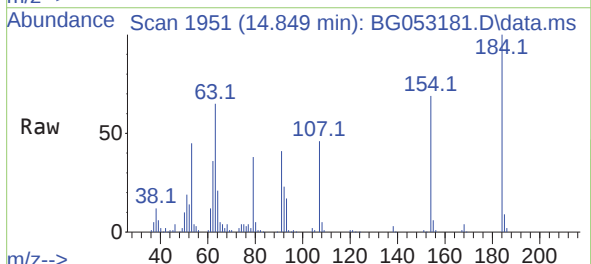
Manual Integrations
APPROVED

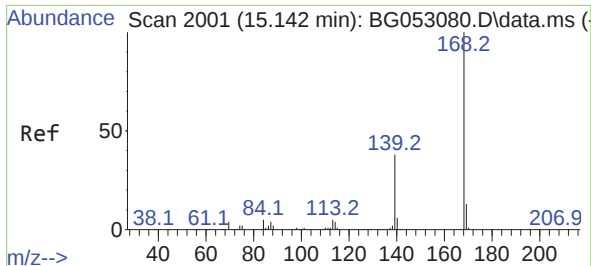
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#54
2,4-Dinitrophenol
Concen: 92.875 ng
RT: 14.849 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:184 Resp: 94354
Ion Ratio Lower Upper
184 100
63 65.2 51.8 77.6
154 69.2 47.8 71.6





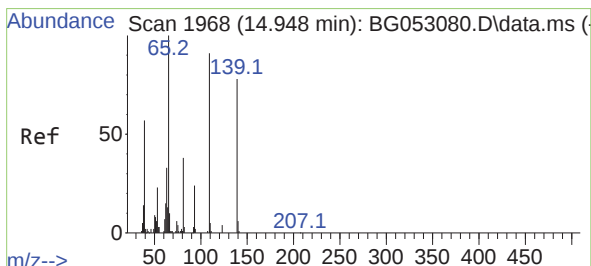
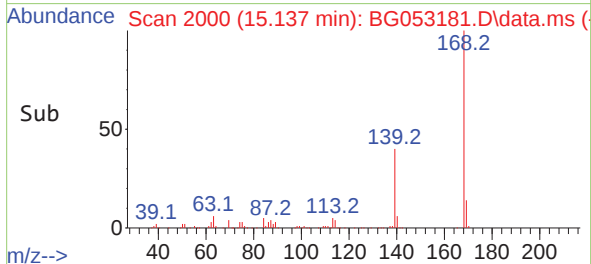
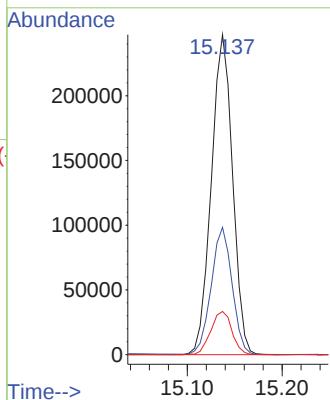
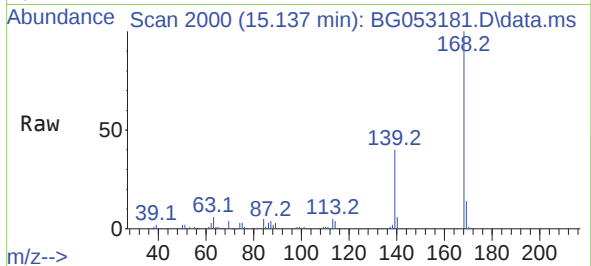
#55
Dibenzenofuran
Concen: 42.120 ng
RT: 15.137 min Scan# 2000
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:168 Resp: 38491
Ion Ratio Lower Upper
168 100
139 39.8 30.2 45.4
169 13.5 10.7 16.1

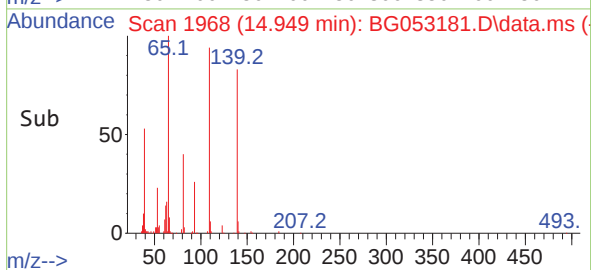
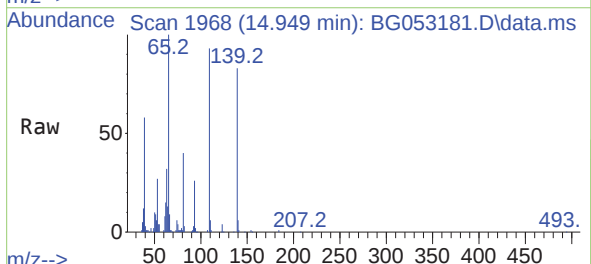
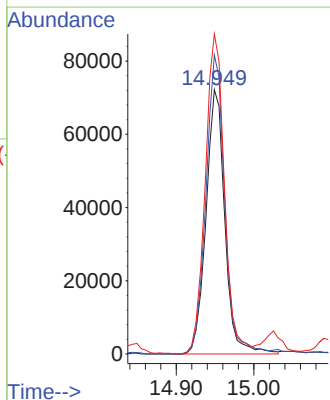
Manual Integrations
APPROVED

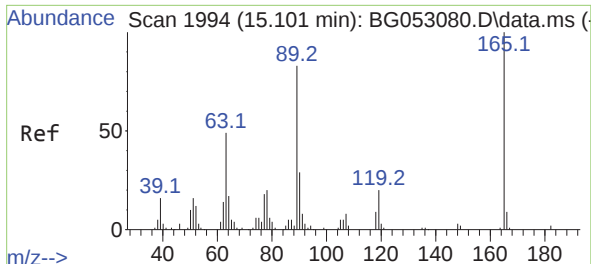
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#56
4-Nitrophenol
Concen: 94.519 ng
RT: 14.949 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

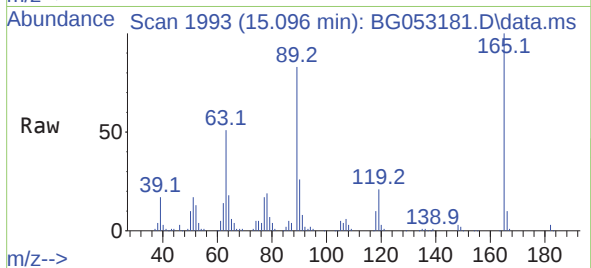
Tgt Ion:139 Resp: 121706
Ion Ratio Lower Upper
139 100
109 113.2 67.1 107.1#
65 121.1 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 46.070 ng
RT: 15.096 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

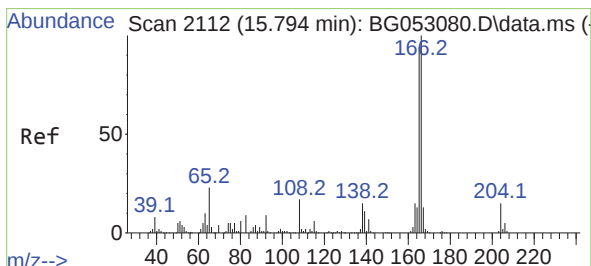
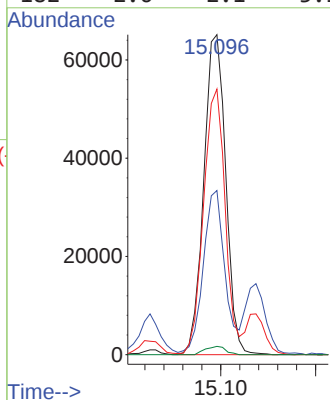
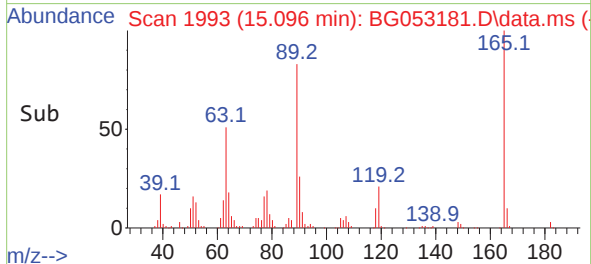
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



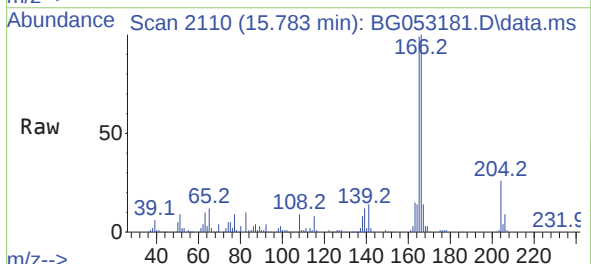
Tgt Ion:165 Resp: 104729
Ion Ratio Lower Upper
165 100
63 51.3 34.8 52.2
89 83.0 57.4 86.0
182 2.6 2.1 3.1

Manual Integrations
APPROVED

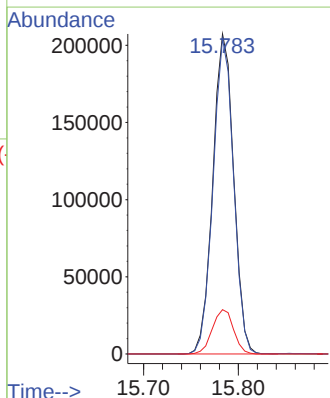
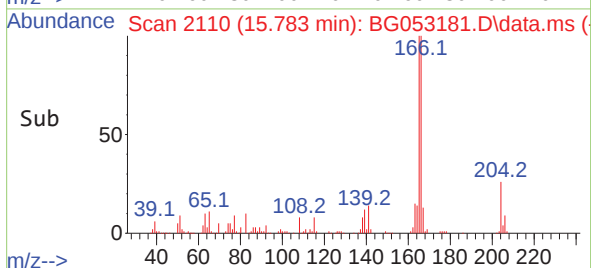
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

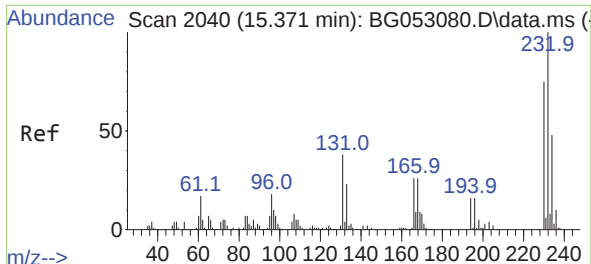


#58
Fluorene
Concen: 42.911 ng
RT: 15.783 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



Tgt Ion:166 Resp: 316723
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.458 ng
RT: 15.366 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

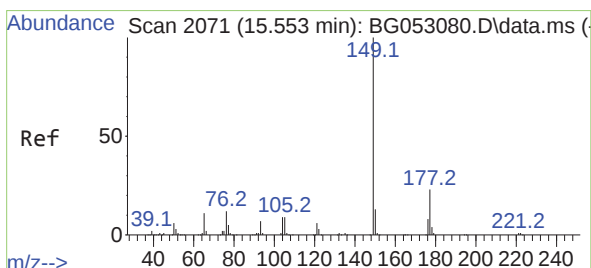
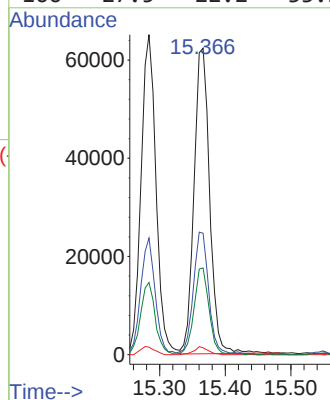
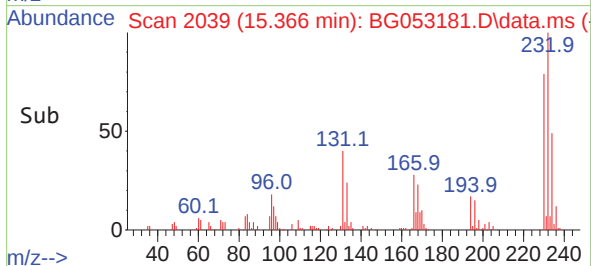
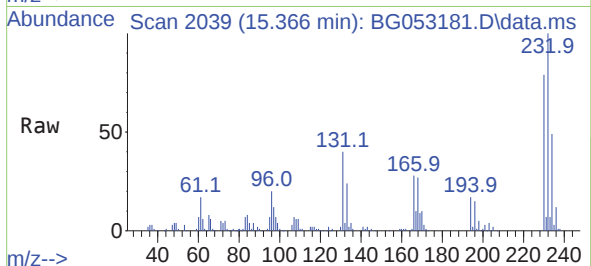
SB-1MSD

Tgt Ion:232 Resp: 103089
Ion Ratio Lower Upper
232 100
131 38.5 30.1 45.1
130 2.3 1.8 2.8
166 27.5 22.2 33.2

Manual Integrations

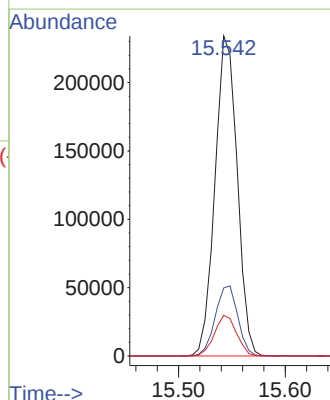
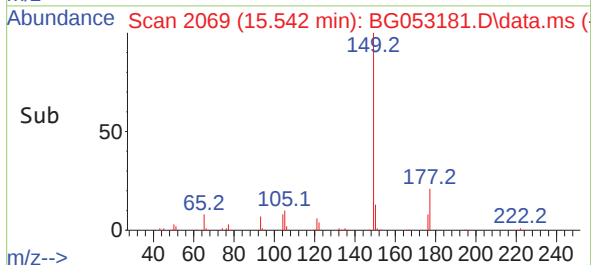
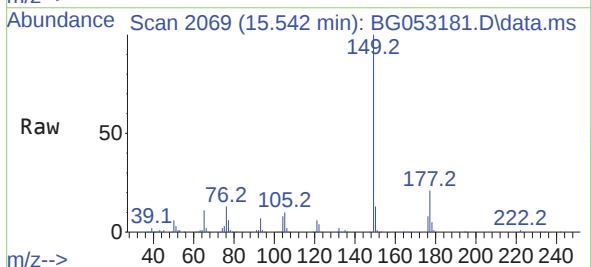
APPROVED

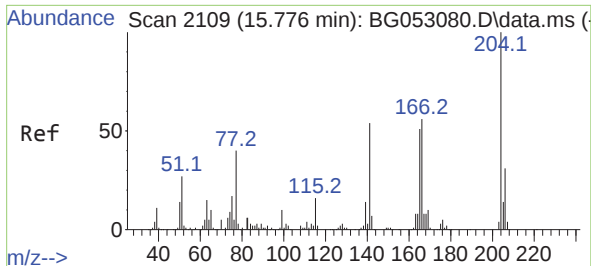
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#60
Diethylphthalate
Concen: 42.218 ng
RT: 15.542 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

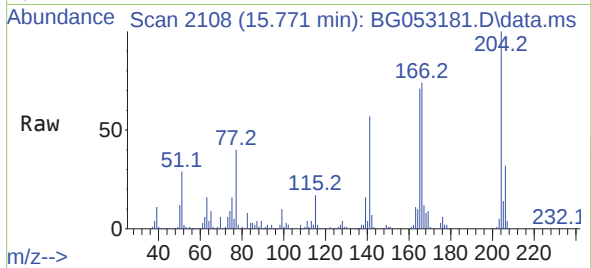
Tgt Ion:149 Resp: 338541
Ion Ratio Lower Upper
149 100
177 21.3 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.644 ng
RT: 15.771 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

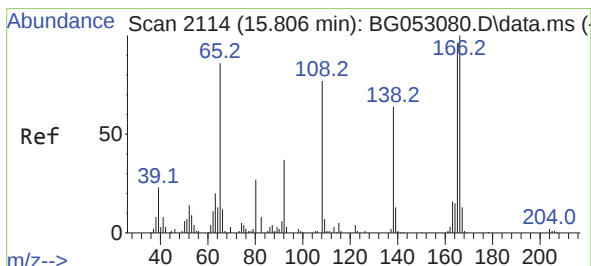
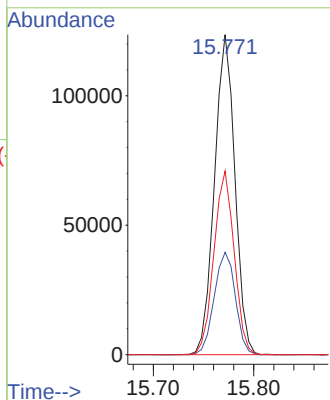
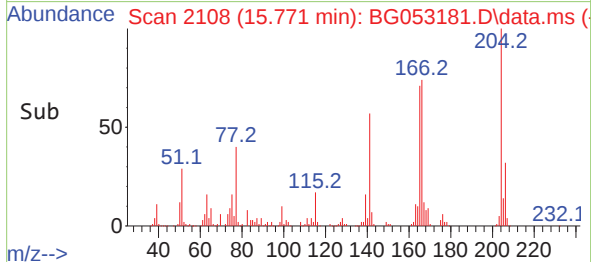
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:204 Resp: 17424
Ion Ratio Lower Upper
204 100
206 32.0 28.3 42.5
141 57.4 45.8 68.8

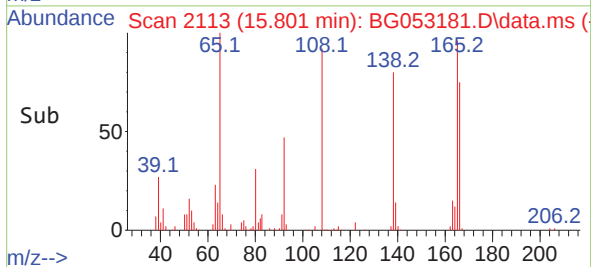
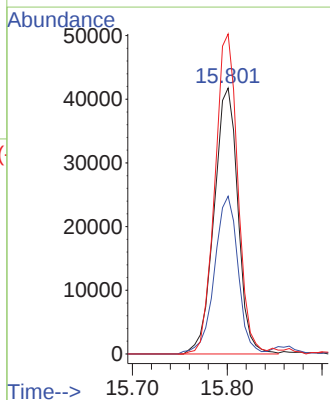
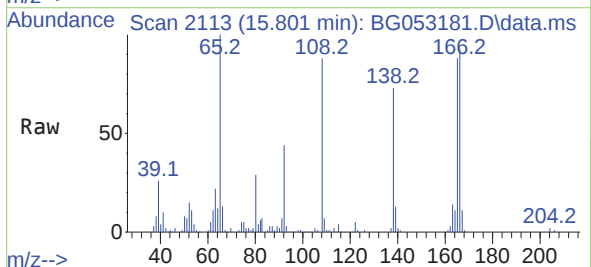
Manual Integrations
APPROVED

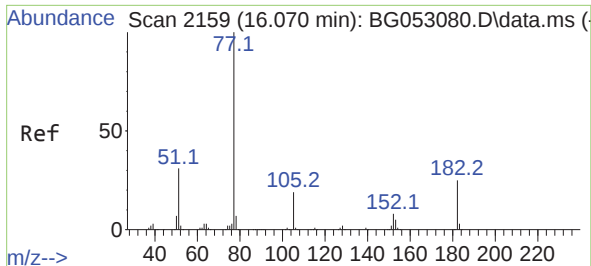
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#62
4-Nitroaniline
Concen: 41.053 ng
RT: 15.801 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:138 Resp: 73138
Ion Ratio Lower Upper
138 100
92 59.3 33.3 73.3
108 120.3 74.2 114.2#





#63
Azobenzene
Concen: 41.785 ng
RT: 16.065 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

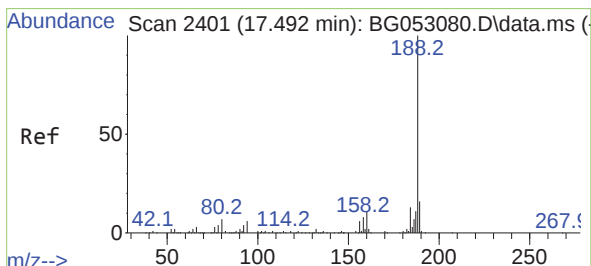
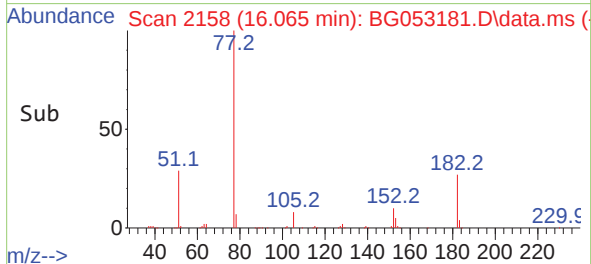
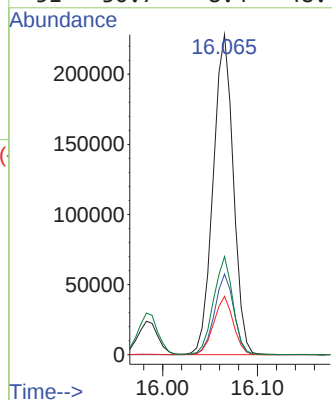
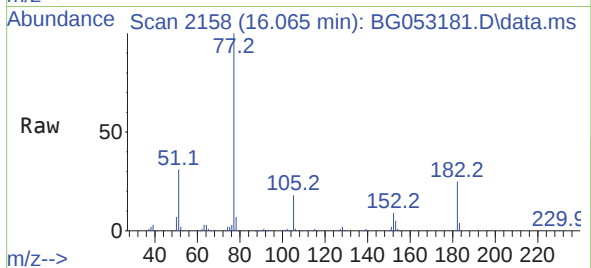
SB-1MSD

Tgt Ion: 77 Resp: 337820
Ion Ratio Lower Upper
77 100
182 25.2 5.6 45.6
105 18.3 0.0 38.8
51 30.7 8.4 48.4

Manual Integrations

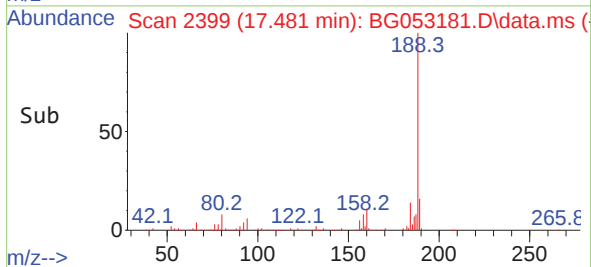
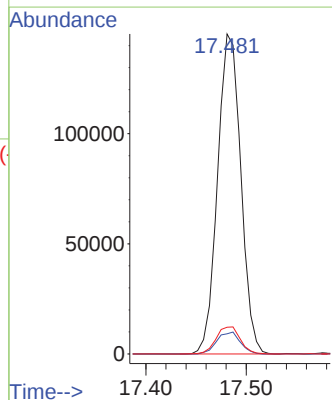
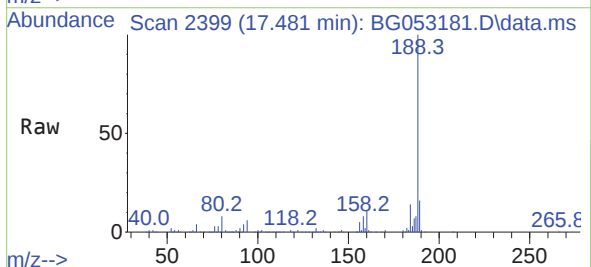
APPROVED

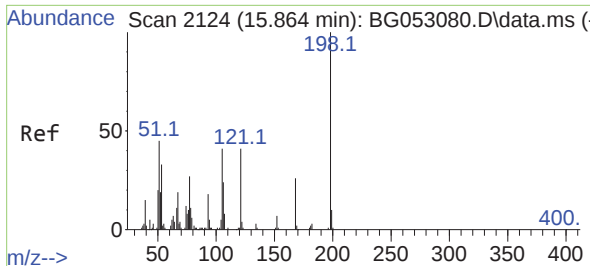
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:188 Resp: 233543
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 8.3 7.2 10.8





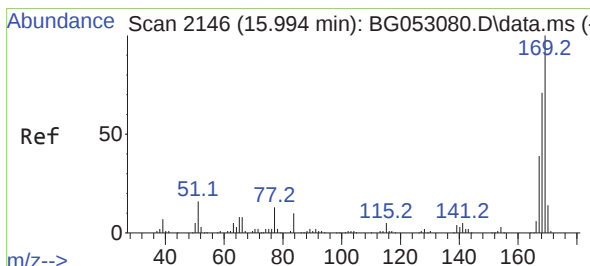
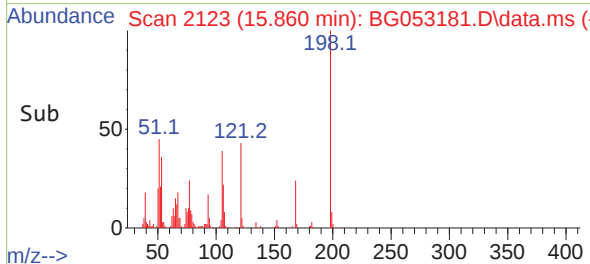
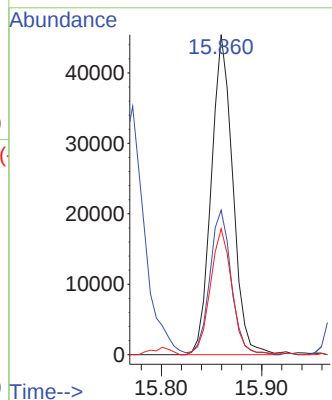
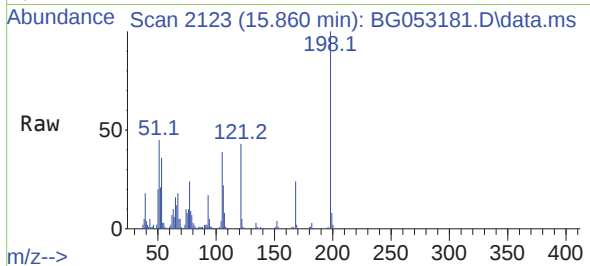
#65
4,6-Dinitro-2-methylphenol
Concen: 41.521 ng
RT: 15.860 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:198 Resp: 6765
Ion Ratio Lower Upper
198 100
51 45.2 21.7 61.7
105 39.4 20.8 60.8

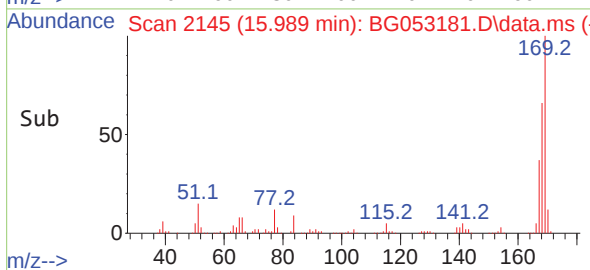
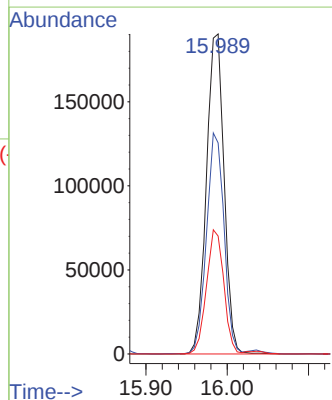
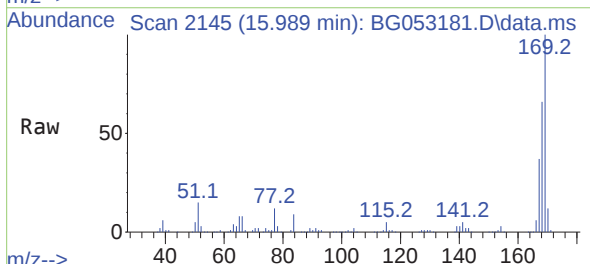
Manual Integrations
APPROVED

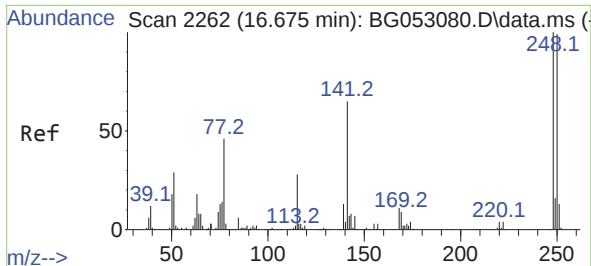
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#66
n-Nitrosodiphenylamine
Concen: 42.686 ng
RT: 15.989 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:169 Resp: 286674
Ion Ratio Lower Upper
169 100
168 65.9 54.5 81.7
167 36.8 29.6 44.4





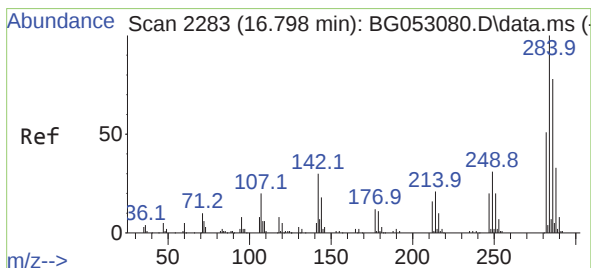
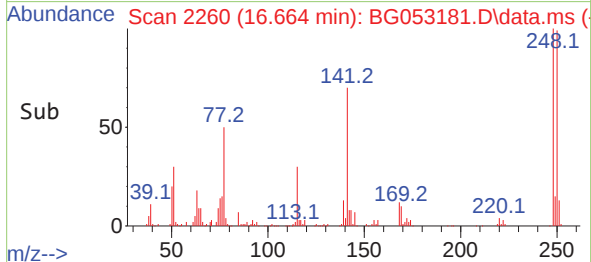
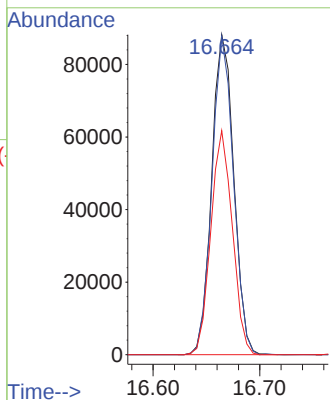
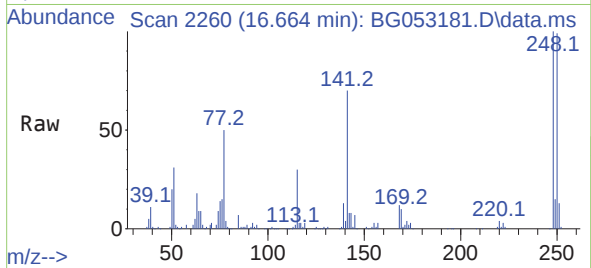
#67
4-Bromophenyl-phenylether
Concen: 42.252 ng
RT: 16.664 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:248 Resp: 126440
Ion Ratio Lower Upper
248 100
250 99.5 77.9 116.9
141 70.0 49.2 73.8

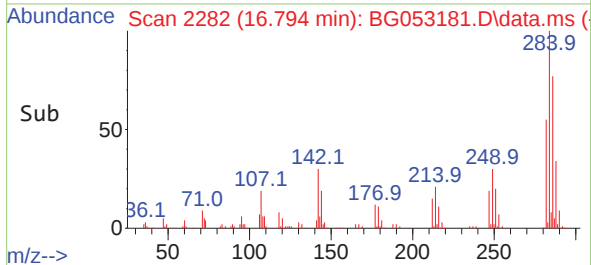
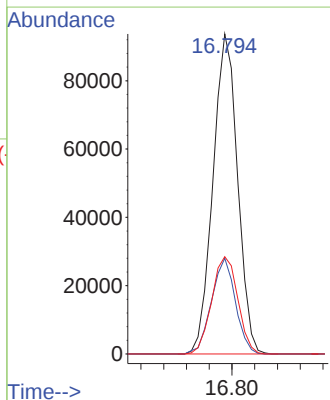
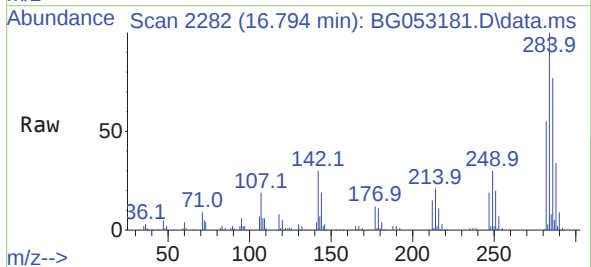
Manual Integrations
APPROVED

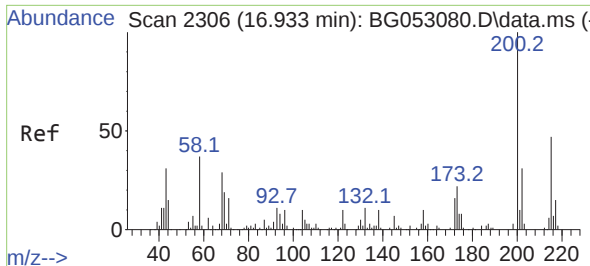
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#68
Hexachlorobenzene
Concen: 43.387 ng
RT: 16.794 min Scan# 2282
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:284 Resp: 140608
Ion Ratio Lower Upper
284 100
142 29.9 21.0 31.4
249 30.4 22.7 34.1





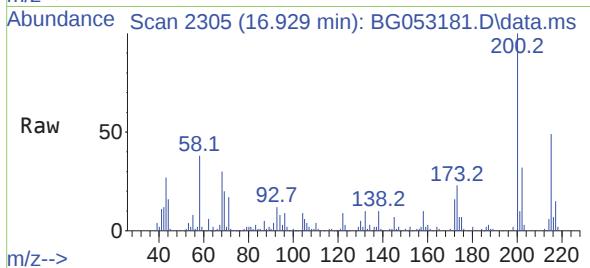
#69
 Atrazine
 Concen: 48.522 ng
 RT: 16.929 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053181.D
 Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

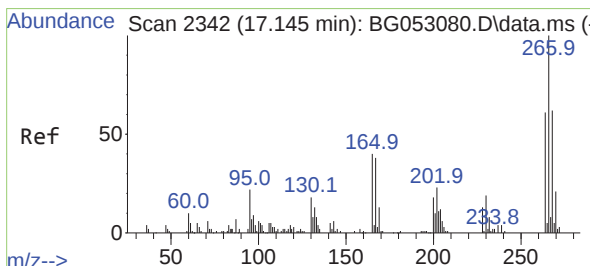
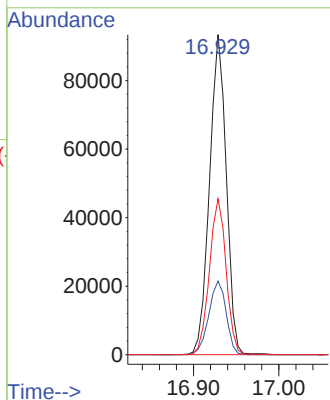
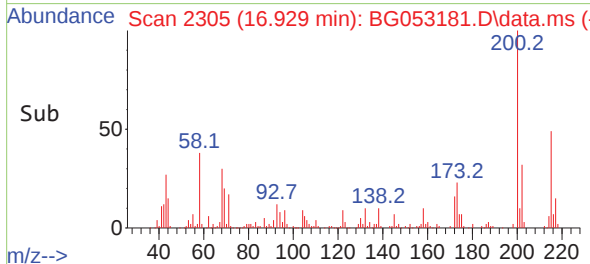


Tgt Ion:200 Resp: 127292
 Ion Ratio Lower Upper
 200 100
 173 23.0 3.8 43.8
 215 48.7 26.3 66.3

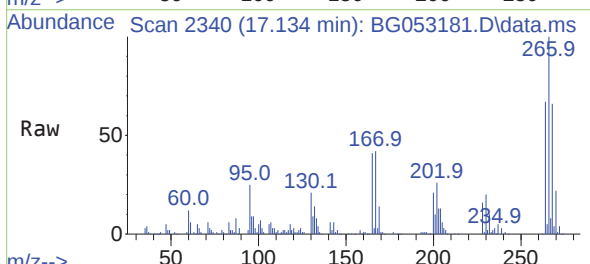
Manual Integrations

APPROVED

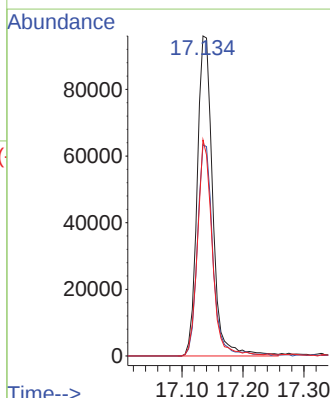
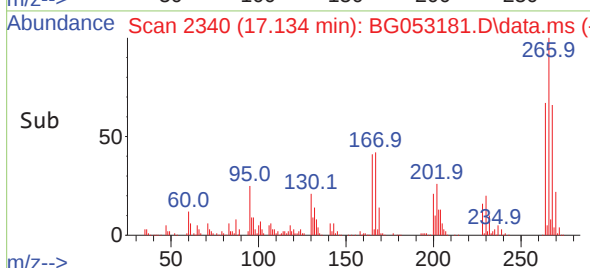
Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022

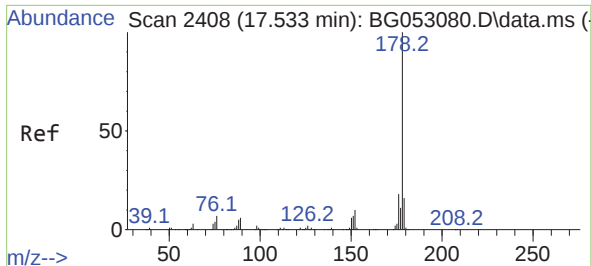


#70
 Pentachlorophenol
 Concen: 95.670 ng
 RT: 17.134 min Scan# 2340
 Delta R.T. -0.011 min
 Lab File: BG053181.D
 Acq: 18 Apr 2022 15:42



Tgt Ion:266 Resp: 169446
 Ion Ratio Lower Upper
 266 100
 268 66.0 45.9 68.9
 264 67.5 45.3 67.9





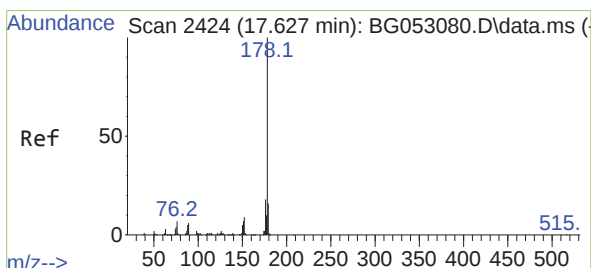
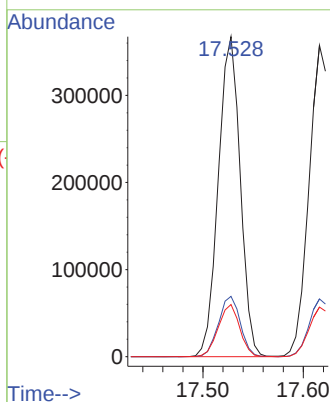
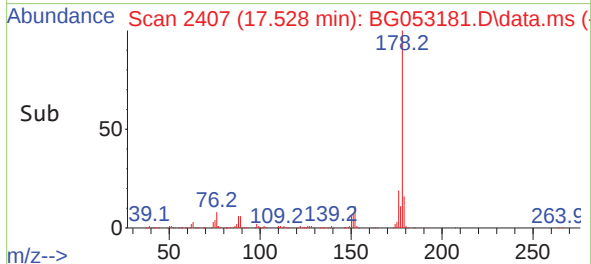
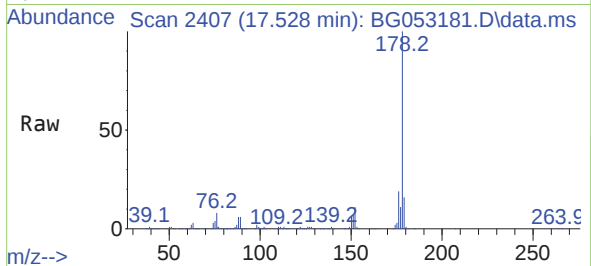
#71
Phenanthrene
Concen: 43.591 ng
RT: 17.528 min Scan# 2408
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Tgt Ion:178 Resp: 556074
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 16.3 13.4 20.2

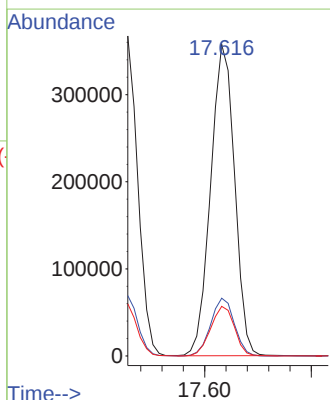
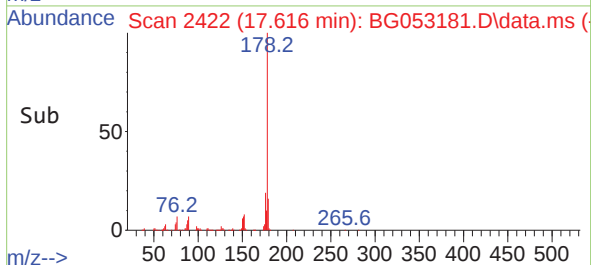
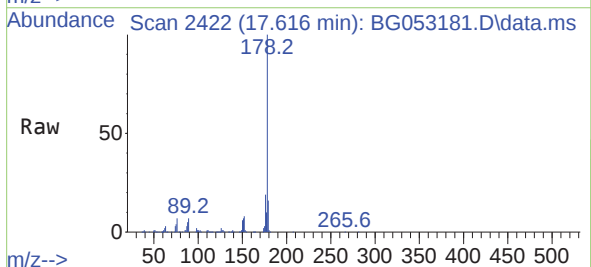
Manual Integrations
APPROVED

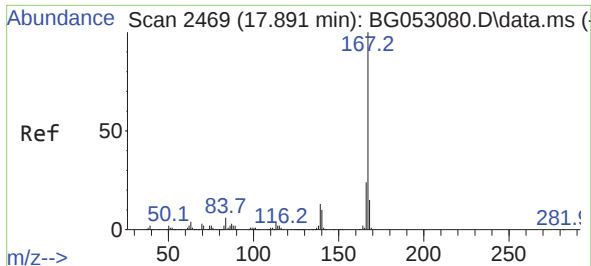
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#72
Anthracene
Concen: 44.053 ng
RT: 17.616 min Scan# 2422
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

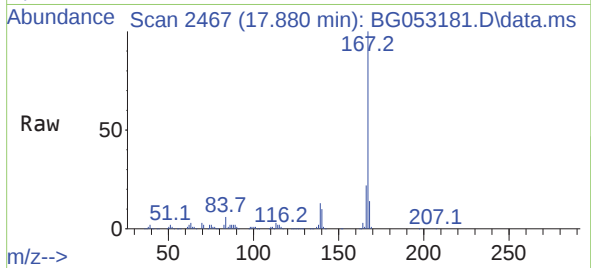
Tgt Ion:178 Resp: 556738
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 16.0 13.2 19.8





#73
Carbazole
Concen: 42.757 ng
RT: 17.880 min Scan# 2469
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

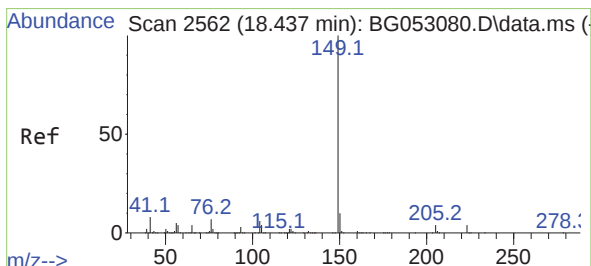
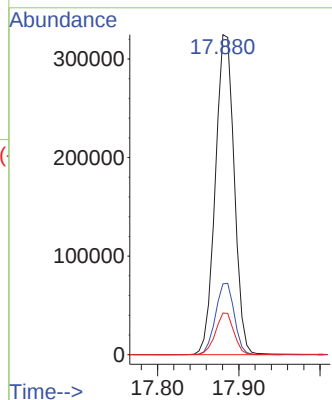
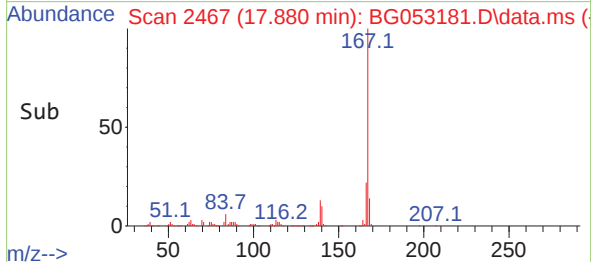
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



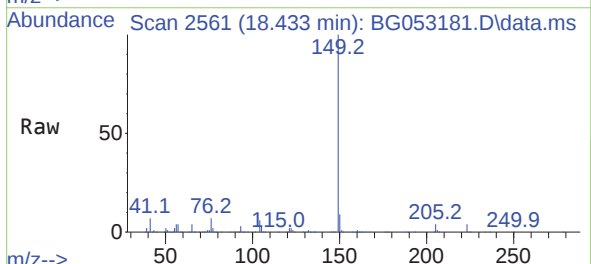
Tgt Ion:167 Resp: 52525
Ion Ratio Lower Upper
167 100
166 22.2 18.5 27.7
139 13.0 10.0 15.0

Manual Integrations
APPROVED

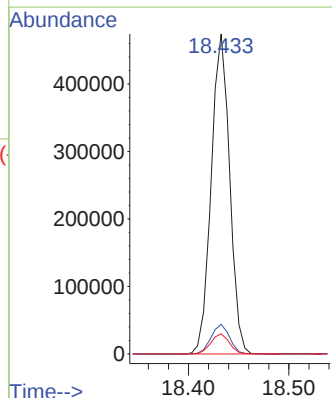
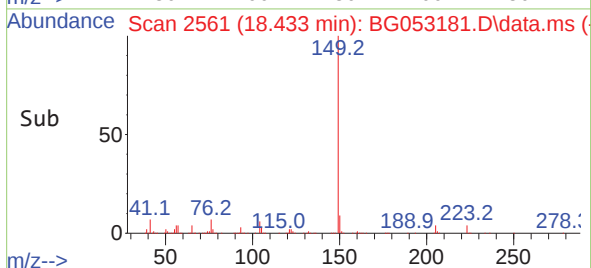
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

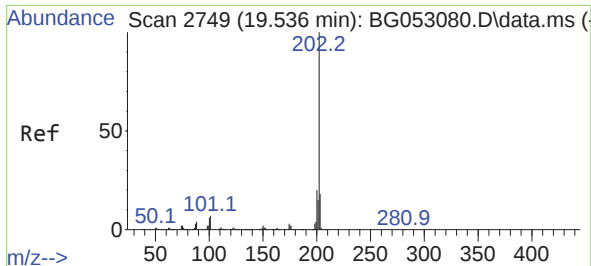


#74
Di-n-butylphthalate
Concen: 43.414 ng
RT: 18.433 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



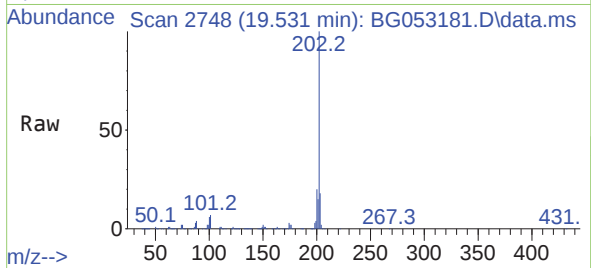
Tgt Ion:149 Resp: 604877
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 6.3 4.6 7.0





#75
Fluoranthene
Concen: 45.314 ng
RT: 19.531 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

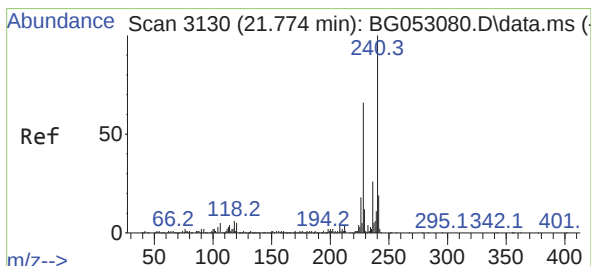
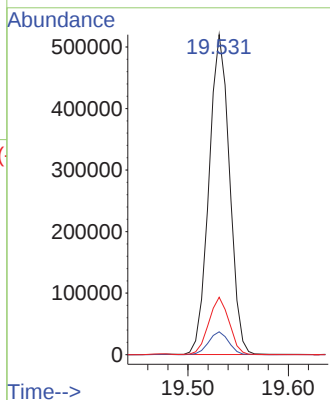
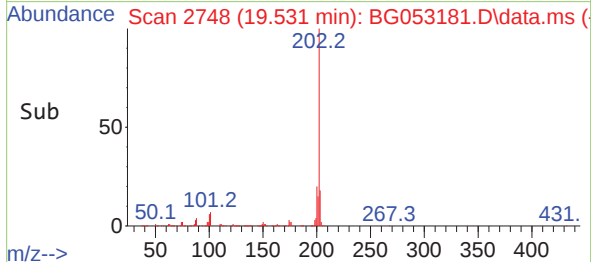
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:202 Resp: 74096
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 18.0 0.0 37.7

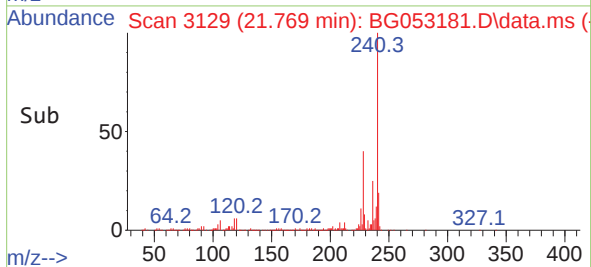
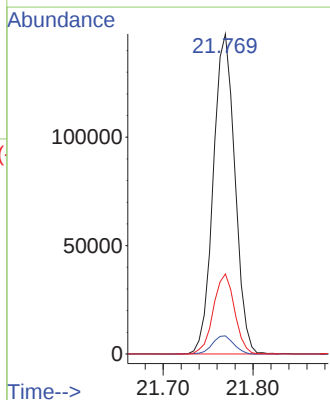
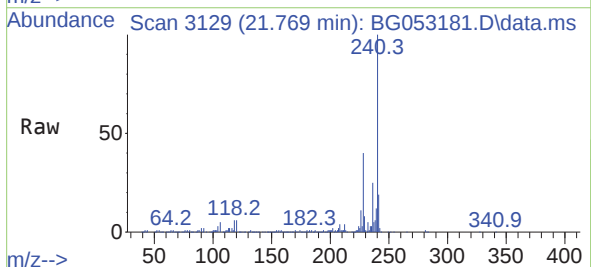
Manual Integrations
APPROVED

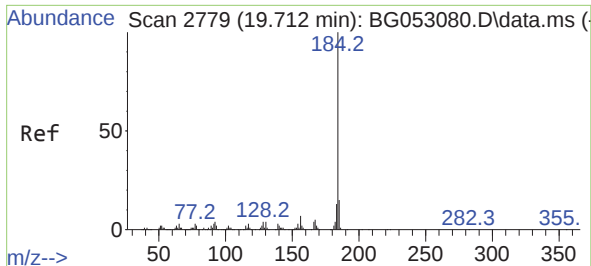
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

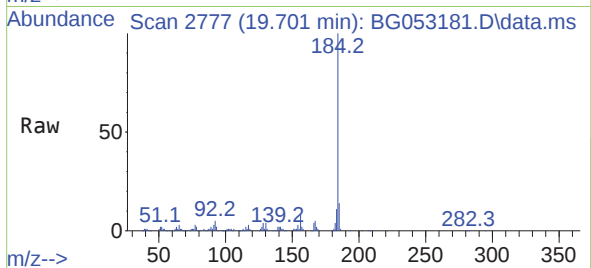
Tgt Ion:240 Resp: 246812
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 25.0 19.8 29.6





#77
Benzidine
Concen: 38.555 ng
RT: 19.701 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

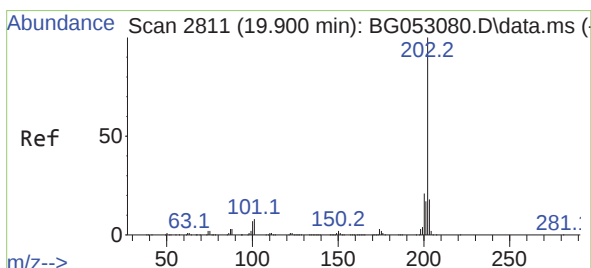
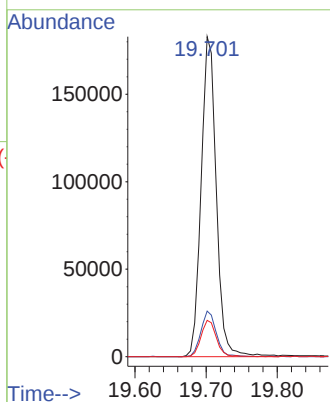
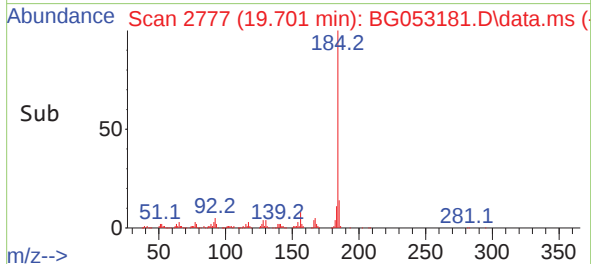
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:184 Resp: 271500
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.4 14.2

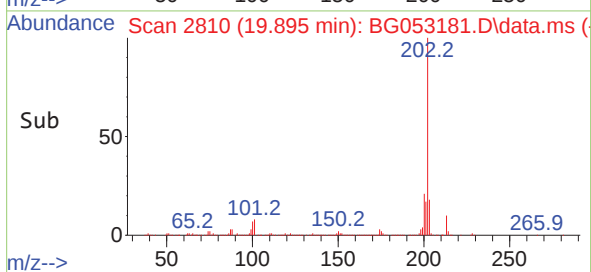
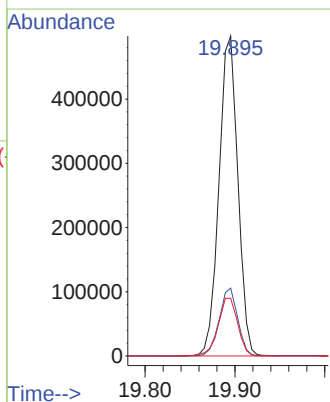
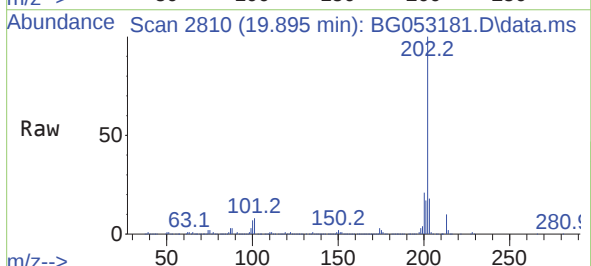
Manual Integrations
APPROVED

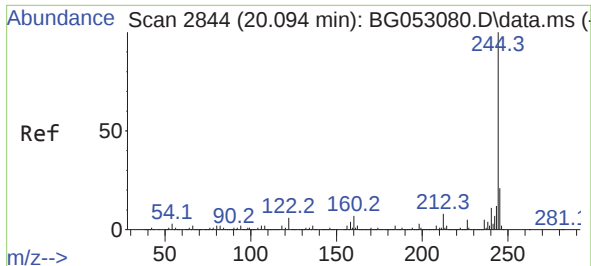
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#78
Pyrene
Concen: 41.371 ng
RT: 19.895 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Tgt Ion:202 Resp: 727226
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 18.0 15.0 22.6





#79
 Terphenyl-d14
 Concen: 61.757 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053181.D
 Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

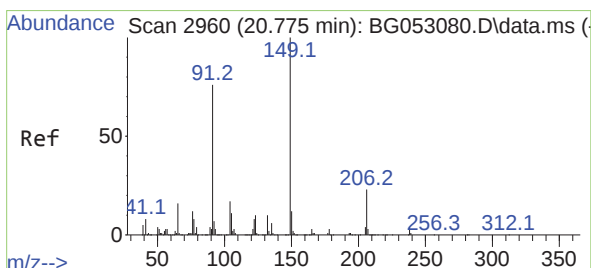
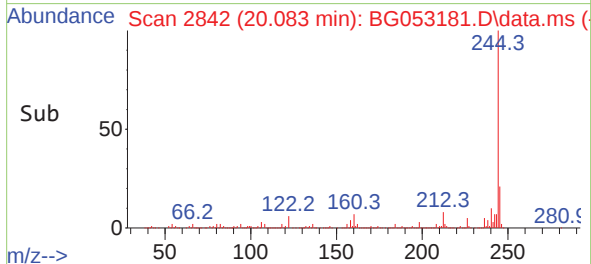
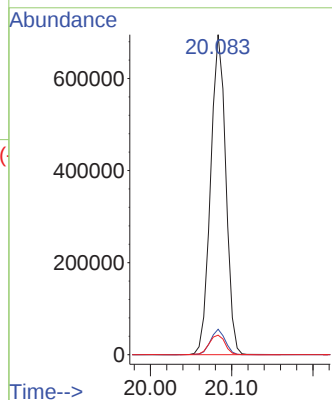
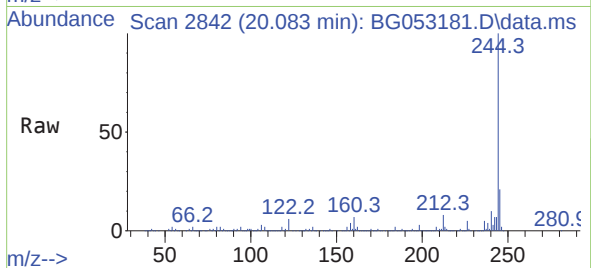
SB-1MSD

Tgt Ion:244 Resp: 90250
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.1 5.8 8.6

Manual Integrations

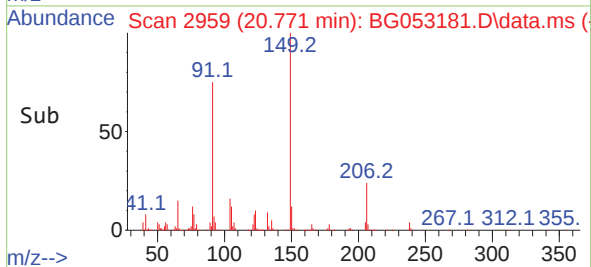
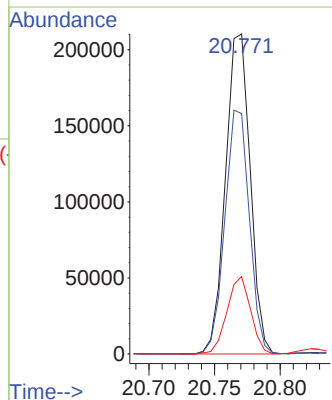
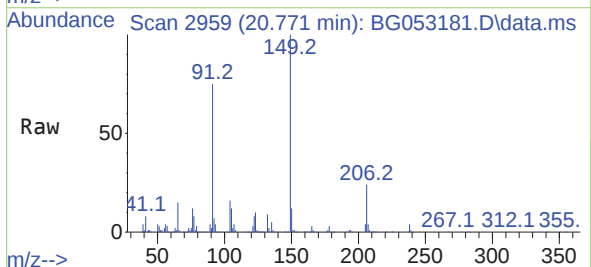
APPROVED

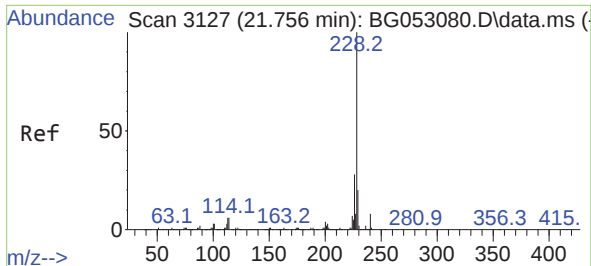
Reviewed By :Christian Giraldo 04/19/2022
 Supervised By :Jagrut Upadhyay 04/19/2022



#80
 Butylbenzylphthalate
 Concen: 42.102 ng
 RT: 20.771 min Scan# 2959
 Delta R.T. -0.005 min
 Lab File: BG053181.D
 Acq: 18 Apr 2022 15:42

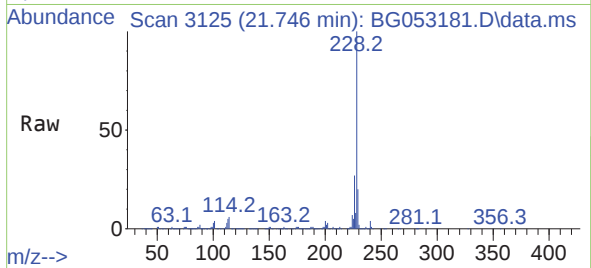
Tgt Ion:149 Resp: 275909
 Ion Ratio Lower Upper
 149 100
 91 75.1 60.2 90.4
 206 24.2 19.4 29.2





#81
Benzo(a)anthracene
Concen: 43.629 ng
RT: 21.746 min Scan# 3127
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

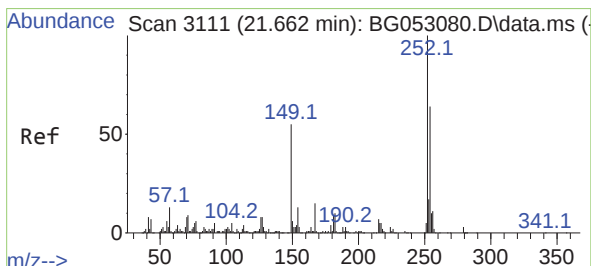
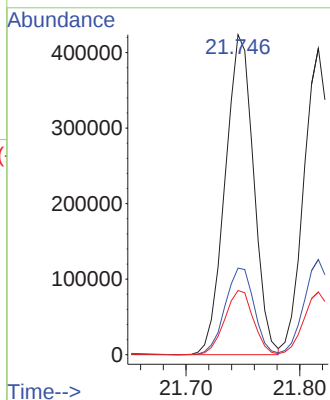
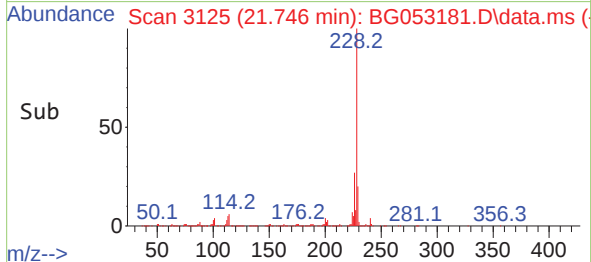
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:228 Resp: 73625
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 20.0 16.7 25.1

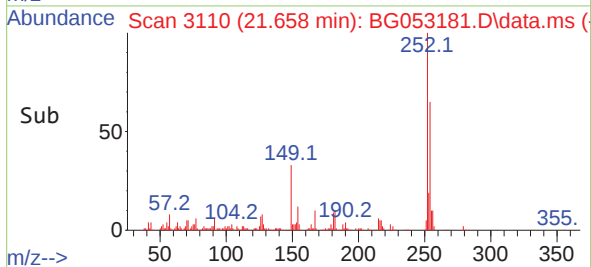
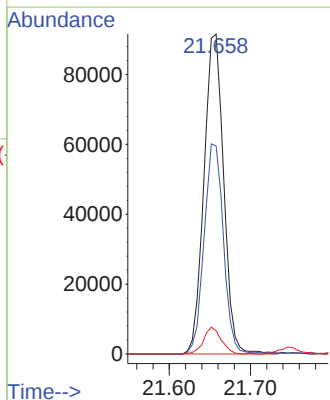
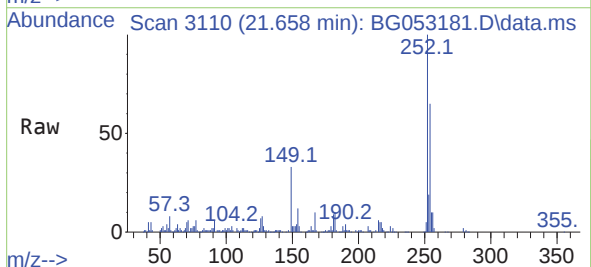
Manual Integrations
APPROVED

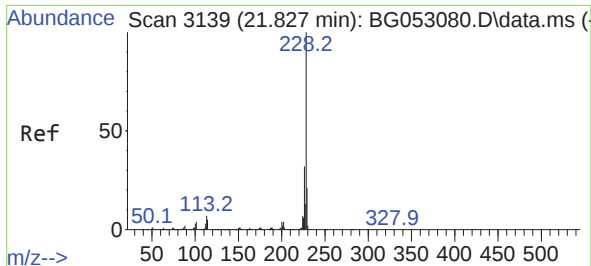
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 24.842 ng
RT: 21.658 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

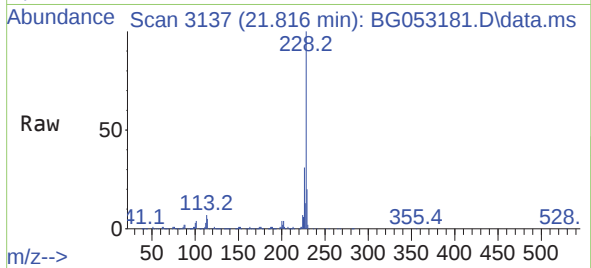
Tgt Ion:252 Resp: 154171
Ion Ratio Lower Upper
252 100
254 65.0 51.2 76.8
126 7.2 5.8 8.8





#83
Chrysene
Concen: 42.712 ng
RT: 21.816 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

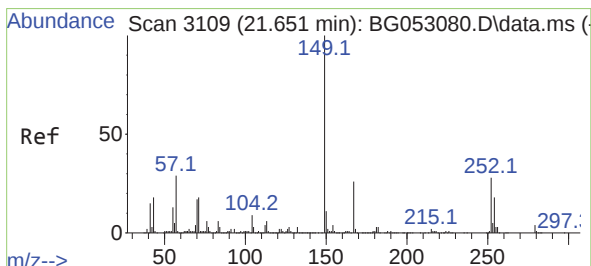
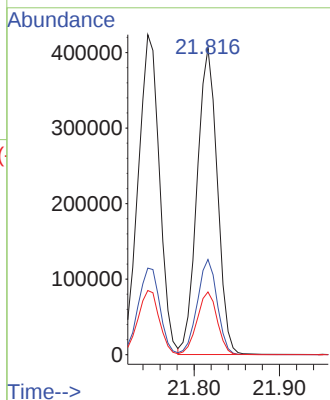
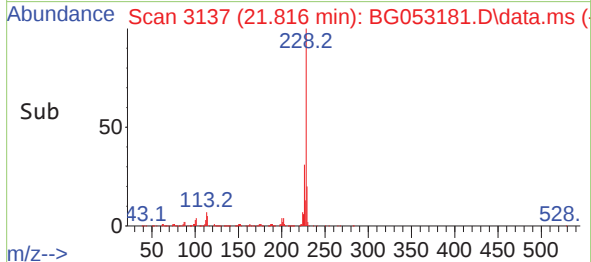
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



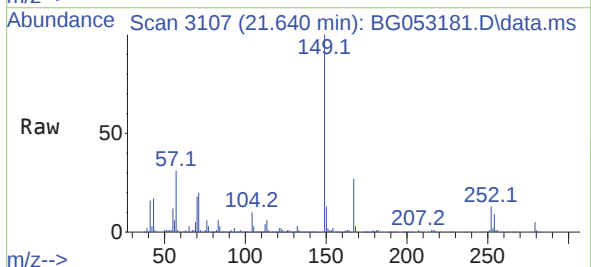
Tgt Ion:228 Resp: 668930
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 20.5 16.3 24.5

Manual Integrations
APPROVED

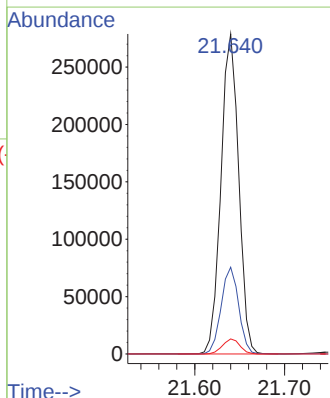
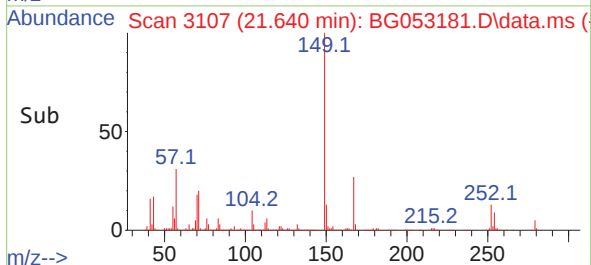
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

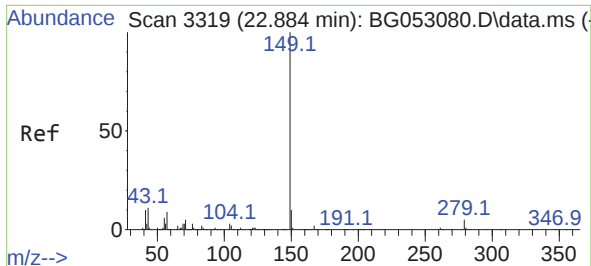


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.083 ng
RT: 21.640 min Scan# 3107
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



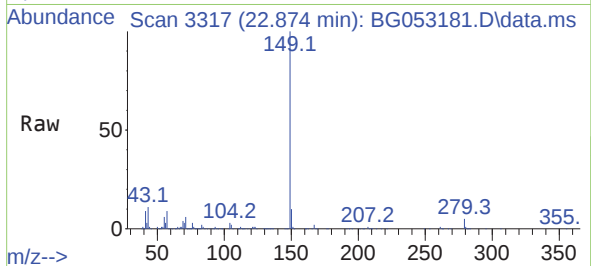
Tgt Ion:149 Resp: 381642
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.2
279 4.7 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 44.162 ng
RT: 22.874 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

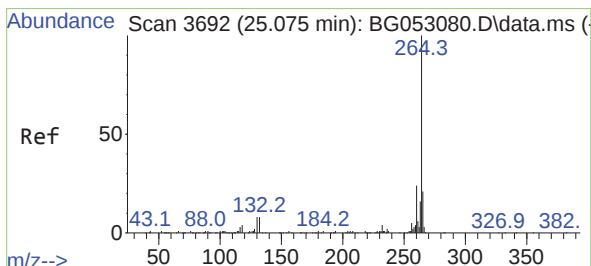
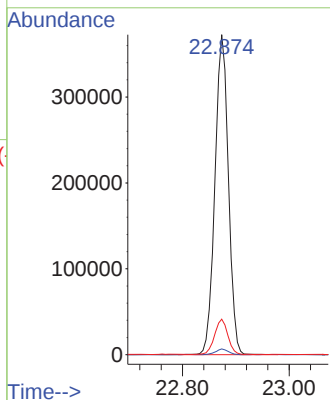
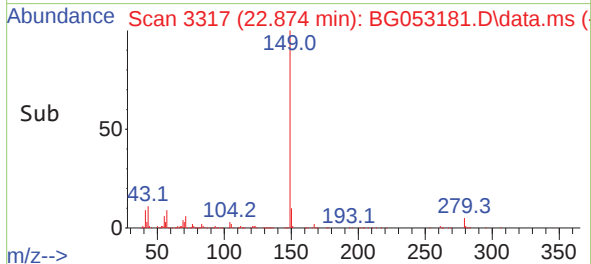
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



Tgt Ion:149 Resp: 654254
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.1 7.6 11.4

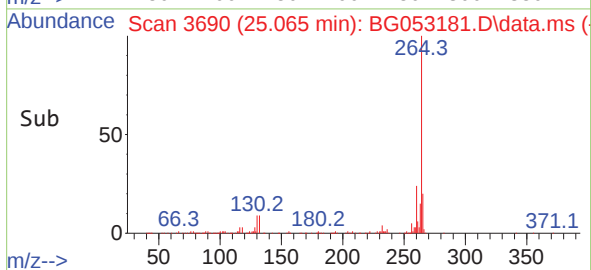
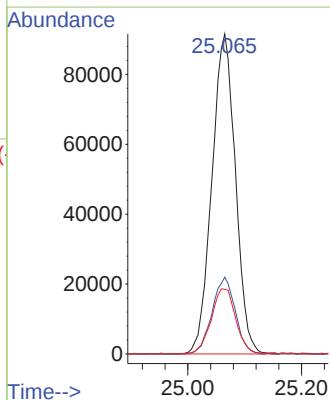
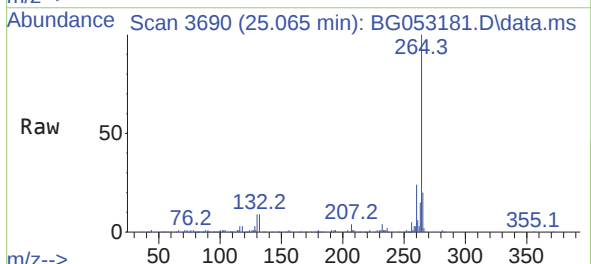
Manual Integrations
APPROVED

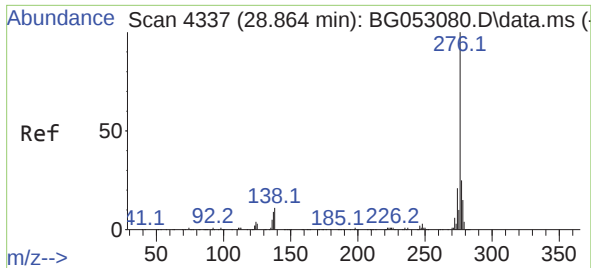
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3690
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

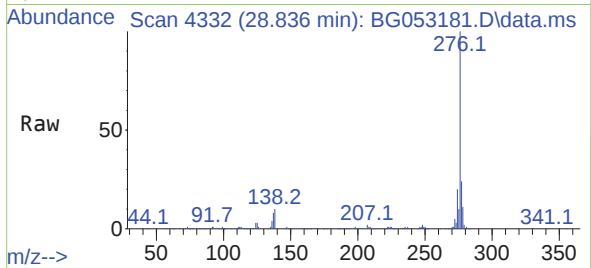
Tgt Ion:264 Resp: 263287
Ion Ratio Lower Upper
264 100
260 24.0 18.2 27.2
265 20.2 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.185 ng
RT: 28.836 min Scan# 4332
Delta R.T. -0.028 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

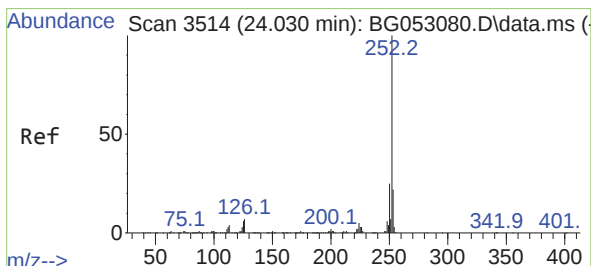
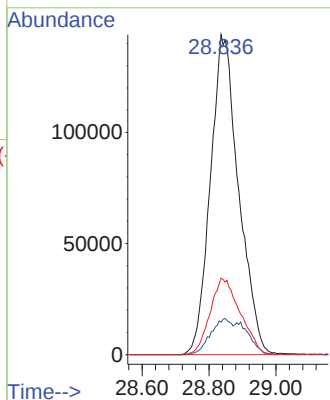
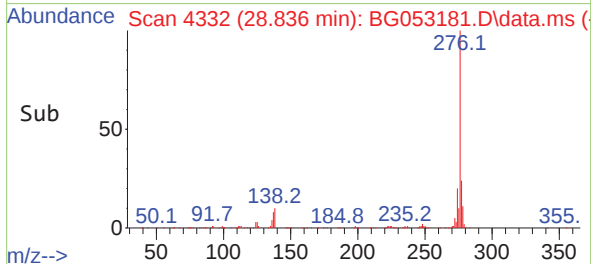
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



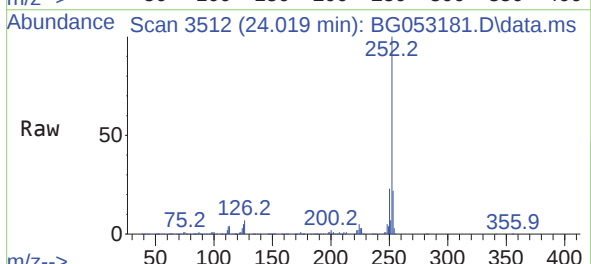
Tgt Ion:276 Resp: 844738
Ion Ratio Lower Upper
276 100
138 8.4 8.7 13.1
277 25.5 20.2 30.4

Manual Integrations
APPROVED

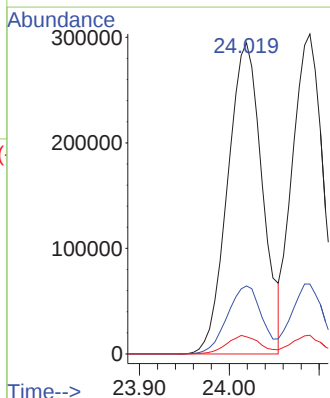
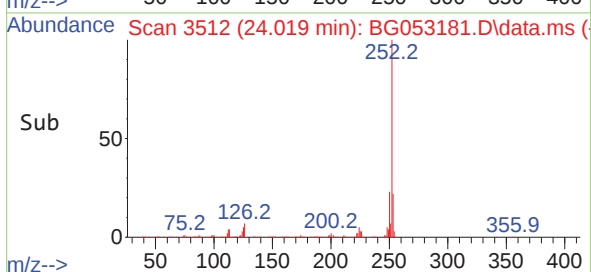
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022

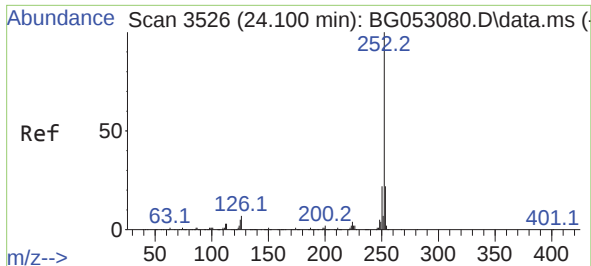


#88
Benzo(b)fluoranthene
Concen: 47.548 ng
RT: 24.019 min Scan# 3512
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



Tgt Ion:252 Resp: 789855
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 5.5 5.2 7.8





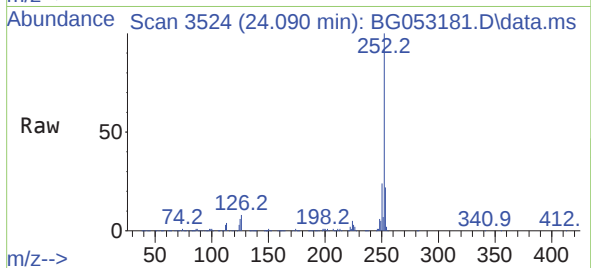
#89
Benzo(k)fluoranthene
Concen: 43.985 ng
RT: 24.090 min Scan# 3526
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

Instrument :

BNA_G

ClientSampleId :

SB-1MSD

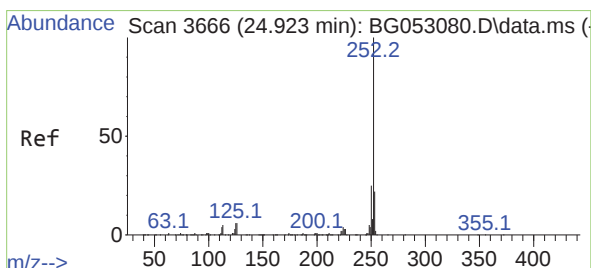
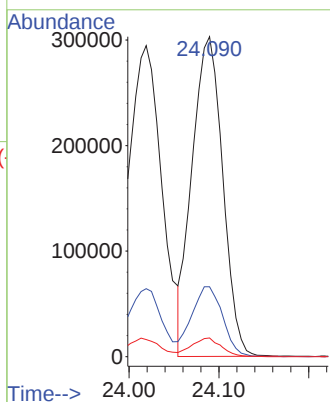
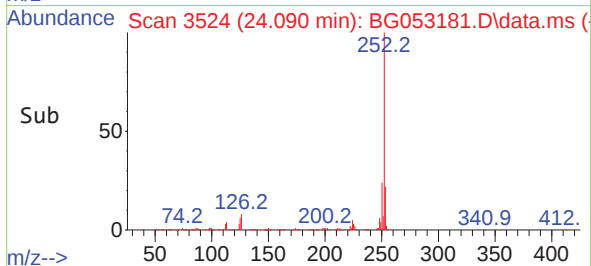


Tgt Ion:252 Resp: 71811
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 5.8 5.0 7.4

Manual Integrations

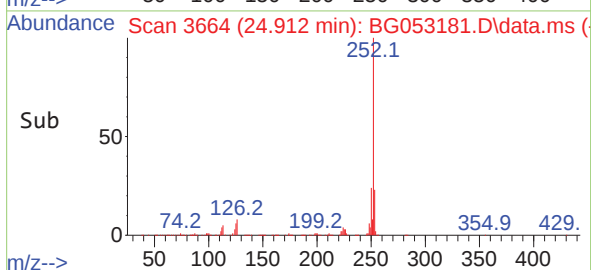
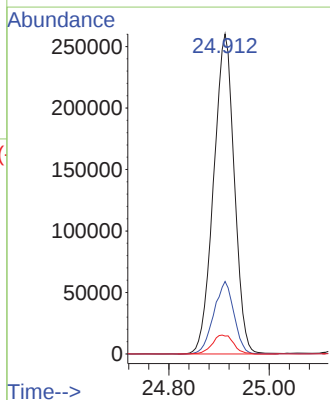
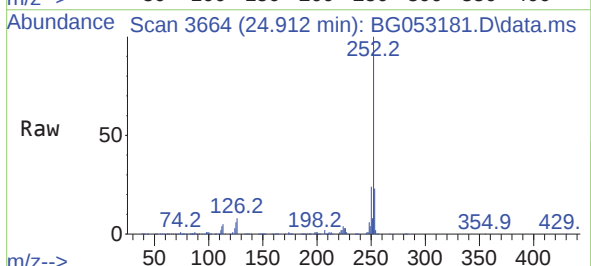
APPROVED

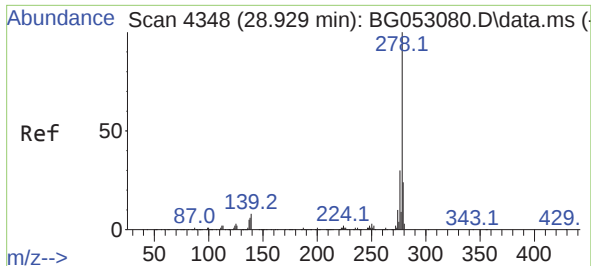
Reviewed By :Christian Giraldo 04/19/2022
Supervised By :Jagrut Upadhyay 04/19/2022



#90
Benzo(a)pyrene
Concen: 52.517 ng
RT: 24.912 min Scan# 3664
Delta R.T. -0.011 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

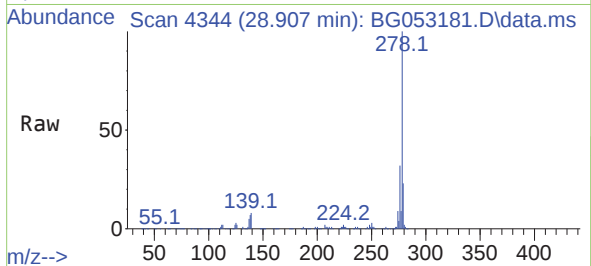
Tgt Ion:252 Resp: 743217
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 5.6 5.6 8.4#





#91
Dibenzo(a,h)anthracene
Concen: 44.922 ng
RT: 28.907 min Scan# 41
Delta R.T. -0.022 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42

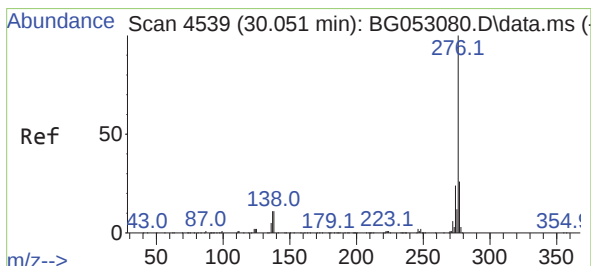
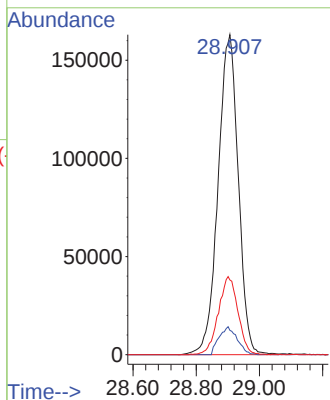
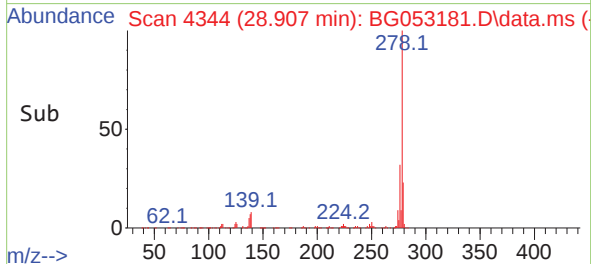
Instrument :
BNA_G
ClientSampleId :
SB-1MSD



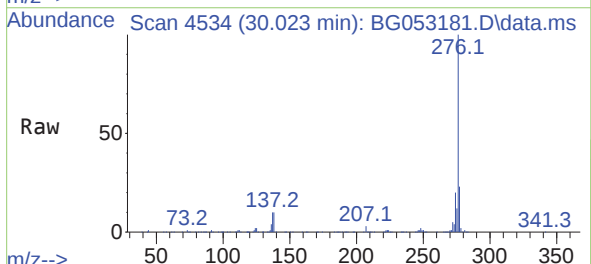
Tgt Ion: 278 Resp: 723228
Ion Ratio Lower Upper
278 100
139 7.6 7.8 11.6
279 23.4 18.5 27.7

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/19/2022
Supervised By : Jagrut Upadhyay 04/19/2022



#92
Benzo(g,h,i)perylene
Concen: 45.361 ng
RT: 30.023 min Scan# 4534
Delta R.T. -0.028 min
Lab File: BG053181.D
Acq: 18 Apr 2022 15:42



Tgt Ion: 276 Resp: 719798
Ion Ratio Lower Upper
276 100
277 23.3 18.2 27.2
138 10.5 9.1 13.7

