

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053274.D
 Acq On : 22 Apr 2022 23:30
 Operator : CG/JU
 Sample : N2487-10MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

Manual Integrations

APPROVED

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

Quant Time: Apr 24 01:16:57 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Apr 24 01:13:30 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	24998	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	105458	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	84130	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	210519	20.000	ng	0.00
76) Chrysene-d12	21.763	240	198075	20.000	ng	0.00
86) Perylene-d12	25.058	264	205143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	156960	107.632	ng	0.00
7) Phenol-d6	7.271	99	168806	75.063	ng	0.00
23) Nitrobenzene-d5	9.274	82	251993	97.022	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	200325	149.667	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	575273	94.288	ng	0.00
79) Terphenyl-d14	20.083	244	1097370	93.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.552	88	19009	27.295	ng	# 84
3) Pyridine	3.952	79	42498	23.137	ng	96
4) n-Nitrosodimethylamine	3.864	42	32381	35.600	ng	91
6) Aniline	7.429	93	94123	36.114	ng	94
8) 2-Chlorophenol	7.676	128	83580	53.088	ng	97
9) Benzaldehyde	7.241	77	71143	52.924	ng	97
10) Phenol	7.294	94	64434	28.784	ng	90
11) bis(2-Chloroethyl)ether	7.517	93	89781	55.639	ng	92
12) 1,3-Dichlorobenzene	7.999	146	88436	48.340	ng	# 92
13) 1,4-Dichlorobenzene	8.146	146	91332	48.969	ng	97
14) 1,2-Dichlorobenzene	8.463	146	89852	49.958	ng	98
15) Benzyl Alcohol	8.346	79	88820	44.434	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.633	45	138348	51.354	ng	98
17) 2-Methylphenol	8.551	107	74245	49.013	ng	95
18) Hexachloroethane	9.197	117	33205	47.477	ng	96
19) n-Nitroso-di-n-propyla...	8.910	70	87426	53.101	ng	97
20) 3+4-Methylphenols	8.880	107	94485	44.185	ng	93
22) Acetophenone	8.927	105	153727	52.544	ng	94
24) Nitrobenzene	9.315	77	134302	53.162	ng	90
25) Isophorone	9.838	82	247089	55.971	ng	97
26) 2-Nitrophenol	10.026	139	53755	50.886	ng	# 91
27) 2,4-Dimethylphenol	10.084	122	90060	59.527	ng	94
28) bis(2-Chloroethoxy)met...	10.314	93	128195	51.689	ng	99
29) 2,4-Dichlorophenol	10.572	162	103026	54.168	ng	97
30) 1,2,4-Trichlorobenzene	10.784	180	101645	47.219	ng	95
31) Naphthalene	10.972	128	280166	49.795	ng	99
32) Benzoic acid	10.220	122	24607m	26.731	ng	
33) 4-Chloroaniline	11.071	127	68165	28.291	ng	95
34) Hexachlorobutadiene	11.259	225	71022	44.415	ng	96
35) Caprolactam	11.853	113	10706m	15.969	ng	
36) 4-Chloro-3-methylphenol	12.193	107	117989	53.285	ng	95
37) 2-Methylnaphthalene	12.569	142	212931	51.145	ng	97
38) 1-Methylnaphthalene	12.787	142	205921m	50.672	ng	
40) 1,2,4,5-Tetrachloroben...	12.939	216	138947	48.628	ng	99
41) Hexachlorocyclopentadiene	12.916	237	127913	86.719	ng	91
43) 2,4,6-Trichlorophenol	13.174	196	100236	50.880	ng	96

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Quant Time: Apr 24 01:16:57 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Apr 24 01:13:30 2022

Response via : Initial Calibration

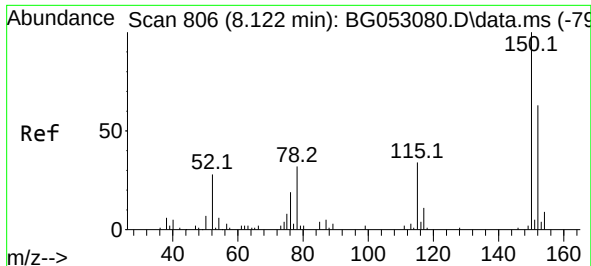
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	106398	50.682	ng	98
46) 1,1'-Biphenyl	13.568	154	304981	50.339	ng	97
47) 2-Chloronaphthalene	13.615	162	237612	49.158	ng	94
48) 2-Nitroaniline	13.815	65	98226	53.548	ng	93
49) Acenaphthylene	14.455	152	414006	54.715	ng	98
50) Dimethylphthalate	14.185	163	347429	51.631	ng	99
51) 2,6-Dinitrotoluene	14.302	165	76455	54.463	ng	# 84
52) Acenaphthene	14.796	154	306823m	59.795	ng	
53) 3-Nitroaniline	14.631	138	49669	33.461	ng	91
54) 2,4-Dinitrophenol	14.843	184	99185	111.043	ng	# 88
55) Dibenzofuran	15.131	168	408566	50.850	ng	98
56) 4-Nitrophenol	14.948	139	71236	62.924	ng	# 82
57) 2,4-Dinitrotoluene	15.089	165	111181	55.630	ng	90
58) Fluorene	15.777	166	340891	52.531	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.360	232	106448	52.213	ng	98
60) Diethylphthalate	15.542	149	360255	51.098	ng	99
61) 4-Chlorophenyl-phenyle...	15.765	204	187079	50.855	ng	99
62) 4-Nitroaniline	15.794	138	77180	49.274	ng	# 75
63) Azobenzene	16.059	77	357010	50.224	ng	97
65) 4,6-Dinitro-2-methylph...	15.859	198	69399	47.251	ng	94
66) n-Nitrosodiphenylamine	15.982	169	299939	49.545	ng	100
67) 4-Bromophenyl-phenylether	16.658	248	138074	51.186	ng	95
68) Hexachlorobenzene	16.787	284	149431	51.153	ng	96
69) Atrazine	16.928	200	133894	56.621	ng	96
70) Pentachlorophenol	17.134	266	172311	107.928	ng	92
71) Phenanthrene	17.521	178	586666	51.019	ng	99
72) Anthracene	17.615	178	583978	51.263	ng	99
73) Carbazole	17.880	167	535585	48.366	ng	99
74) Di-n-butylphthalate	18.426	149	624397	49.717	ng	98
75) Fluoranthene	19.531	202	722069	48.988	ng	98
77) Benzidine	19.701	184	191977	33.970	ng	97
78) Pyrene	19.889	202	735595	52.144	ng	99
80) Butylbenzylphthalate	20.764	149	272687	51.849	ng	98
81) Benzo(a)anthracene	21.745	228	714589	52.765	ng	99
82) 3,3'-Dichlorobenzidine	21.651	252	187504	37.647	ng	98
83) Chrysene	21.810	228	656394	52.224	ng	99
84) Bis(2-ethylhexyl)phtha...	21.634	149	382067	53.744	ng	99
85) Di-n-octyl phthalate	22.867	149	642237	54.017	ng	97
87) Indeno(1,2,3-cd)pyrene	28.841	276	796511	52.261	ng	# 96
88) Benzo(b)fluoranthene	24.013	252	747265	57.734	ng	98
89) Benzo(k)fluoranthene	24.083	252	701527	55.148	ng	98
90) Benzo(a)pyrene	24.906	252	703839	63.831	ng	97
91) Dibenzo(a,h)anthracene	28.906	278	687272	54.788	ng	98
92) Benzo(g,h,i)perylene	30.028	276	698200	56.471	ng	98

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

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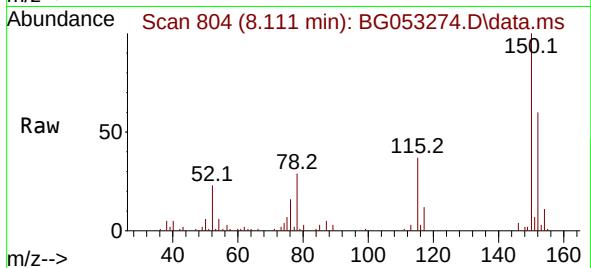
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

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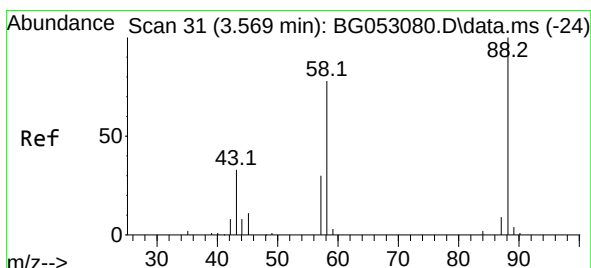
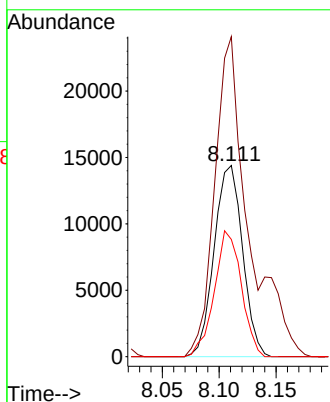
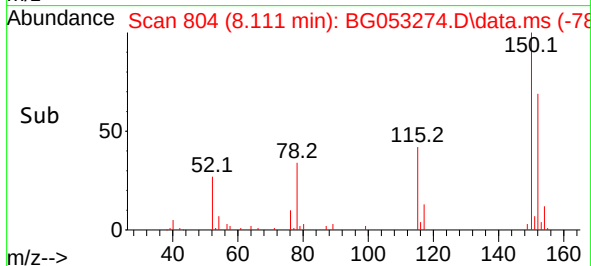


Tgt Ion:152 Resp: 24998
Ion Ratio Lower Upper
152 100
150 167.4 114.6 172.0
115 61.4 45.9 68.9

Manual Integrations

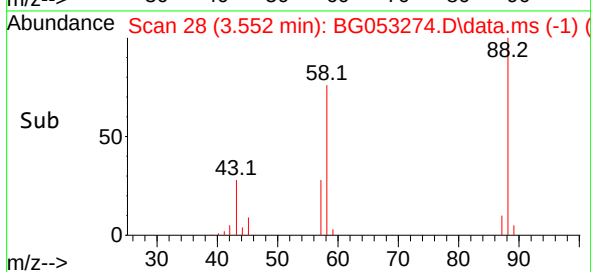
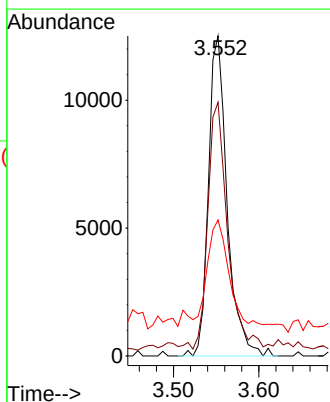
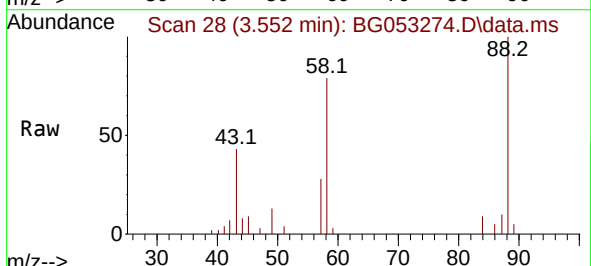
APPROVED

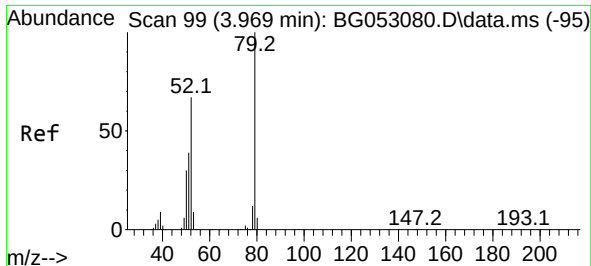
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#2
1,4-Dioxane
Concen: 27.295 ng
RT: 3.552 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion: 88 Resp: 19009
Ion Ratio Lower Upper
88 100
58 81.1 58.2 87.2
43 46.0 23.4 35.0#





#3
 Pyridine
 Concen: 23.137 ng
 RT: 3.952 min Scan# 90
 Delta R.T. -0.009 min
 Lab File: BG053274.D
 Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

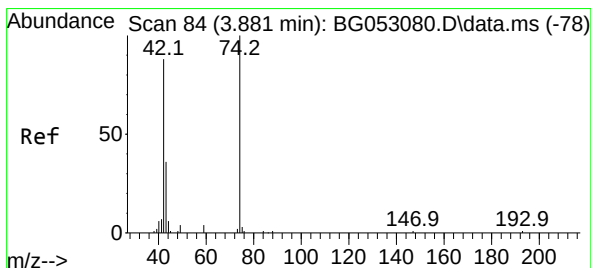
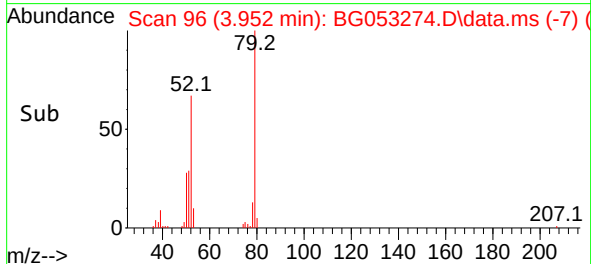
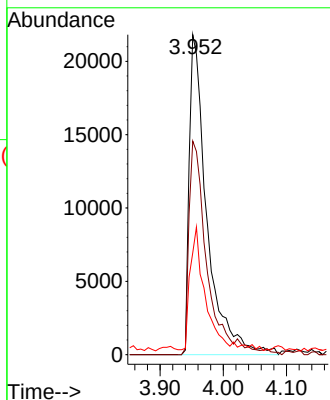
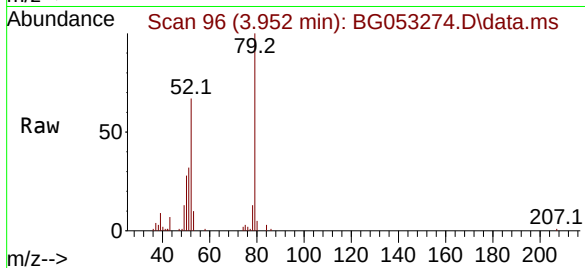
UST-1-WMSD

Tgt Ion: 79 Resp: 42498
 Ion Ratio Lower Upper
 79 100
 52 66.7 50.9 76.3
 51 31.9 24.4 36.6

Manual Integrations

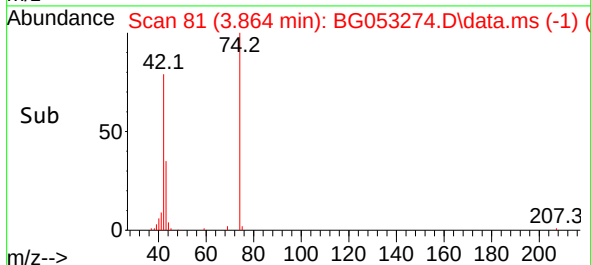
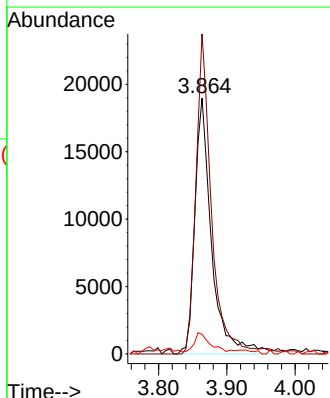
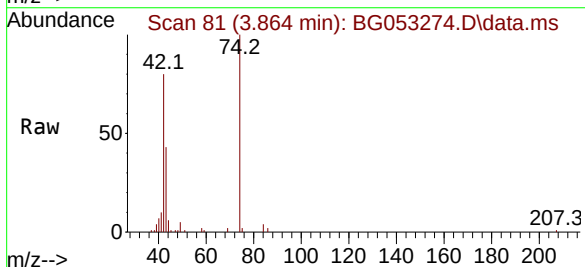
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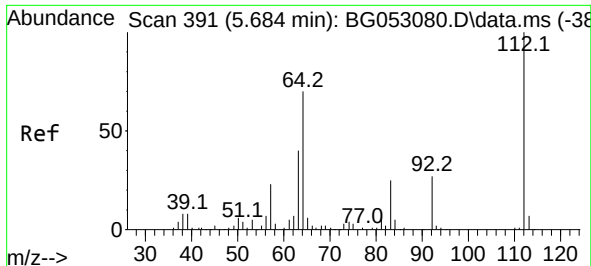
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#4
 n-Nitrosodimethylamine
 Concen: 35.600 ng
 RT: 3.864 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG053274.D
 Acq: 22 Apr 2022 23:30

Tgt Ion: 42 Resp: 32381
 Ion Ratio Lower Upper
 42 100
 74 125.1 108.9 163.3
 44 7.7 5.7 8.5





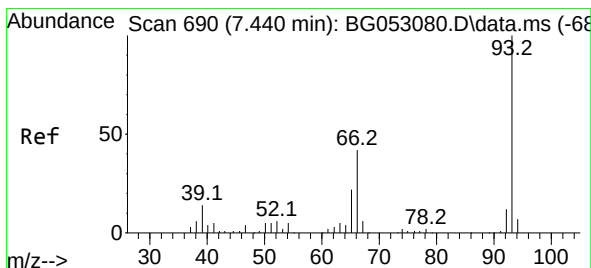
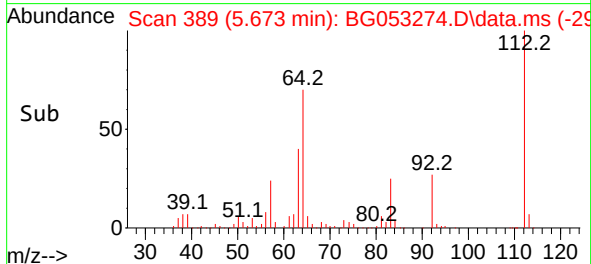
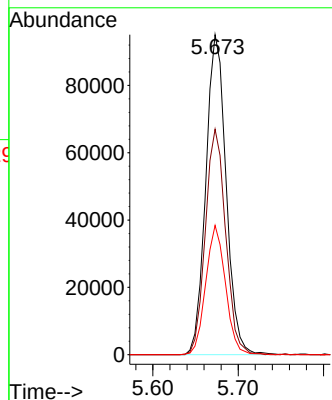
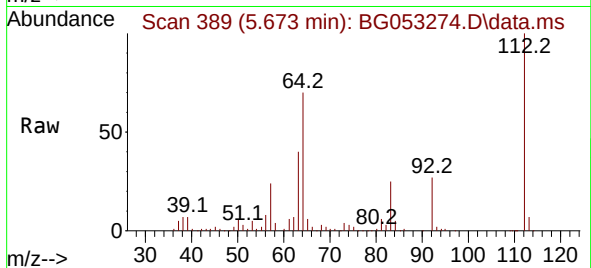
#5
2-Fluorophenol
Concen: 107.632 ng
RT: 5.673 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD

Tgt Ion:112 Resp: 156960
Ion Ratio Lower Upper
112 100
64 70.5 48.0 72.0
63 40.4 26.5 39.7

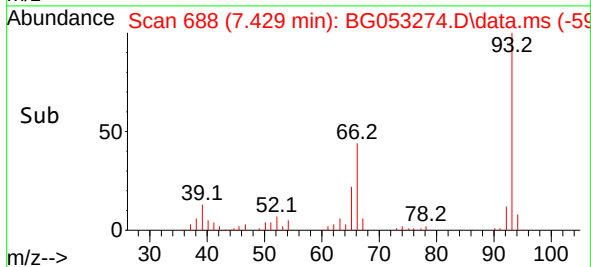
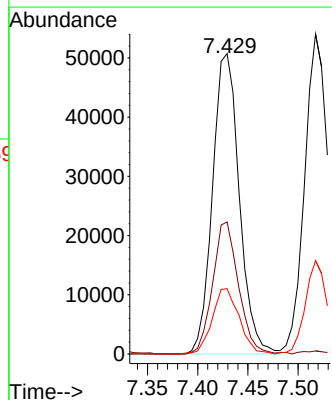
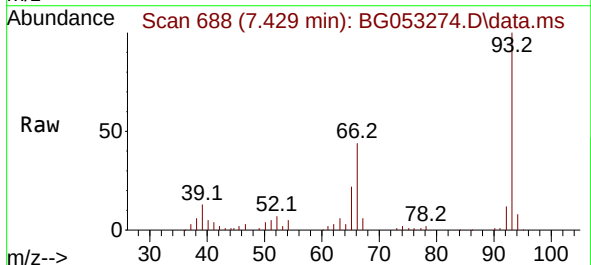
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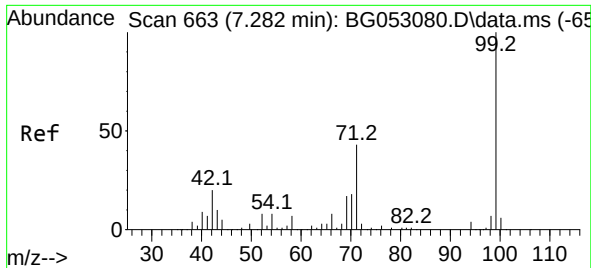
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#6
Aniline
Concen: 36.114 ng
RT: 7.429 min Scan# 688
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion: 93 Resp: 94123
Ion Ratio Lower Upper
93 100
66 44.0 31.3 46.9
65 21.8 16.7 25.1





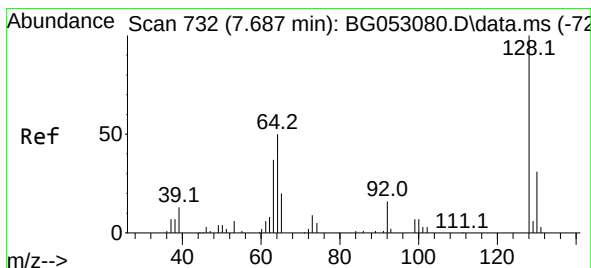
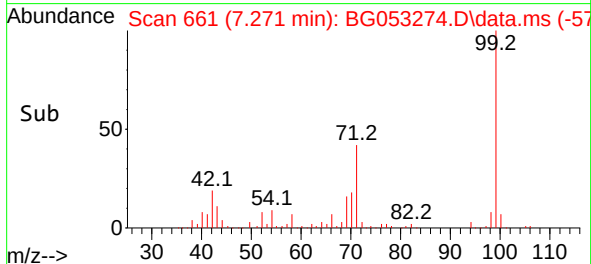
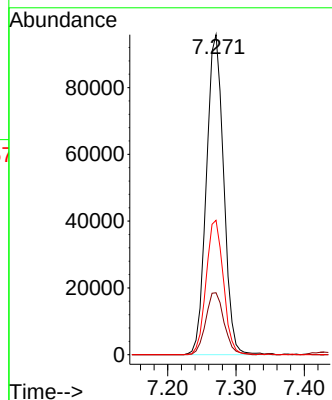
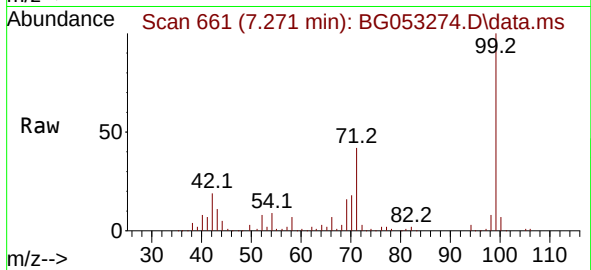
#7
Phenol-d6
Concen: 75.063 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :
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UST-1-WMSD

Tgt Ion: 99 Resp: 168800
Ion Ratio Lower Upper
99 100
42 19.3 14.7 22.1
71 42.0 29.2 43.8

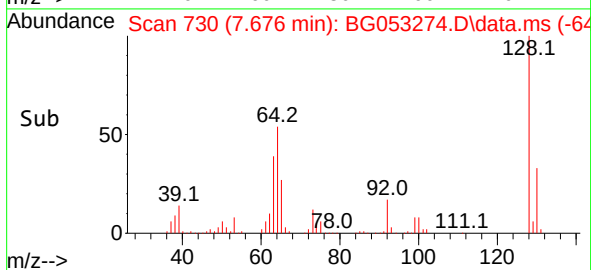
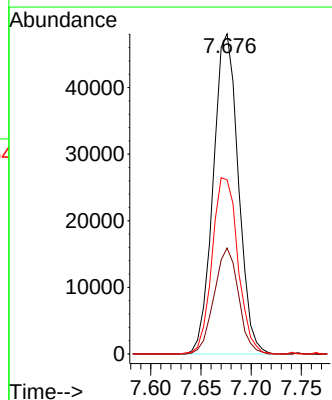
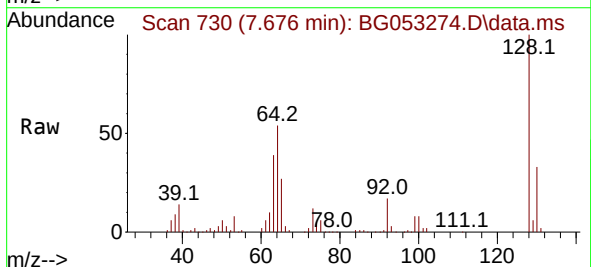
Manual Integrations
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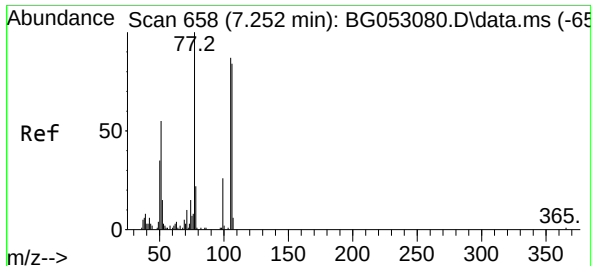
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#8
2-Chlorophenol
Concen: 53.088 ng
RT: 7.676 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

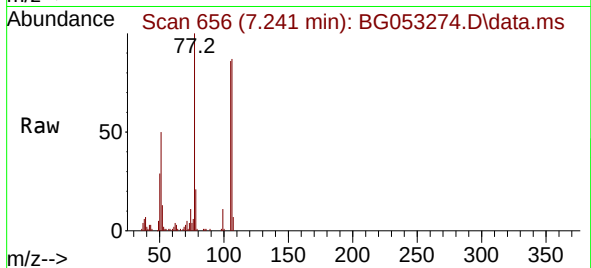
Tgt Ion:128 Resp: 83580
Ion Ratio Lower Upper
128 100
130 33.1 13.4 53.4
64 54.4 30.9 70.9





#9
Benzaldehyde
Concen: 52.924 ng
RT: 7.241 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

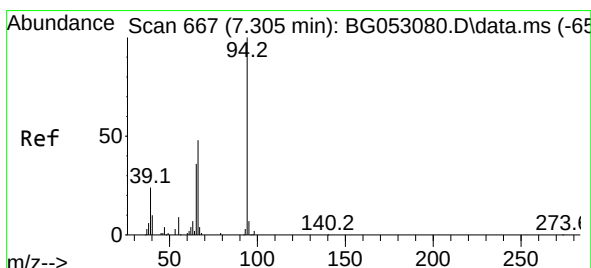
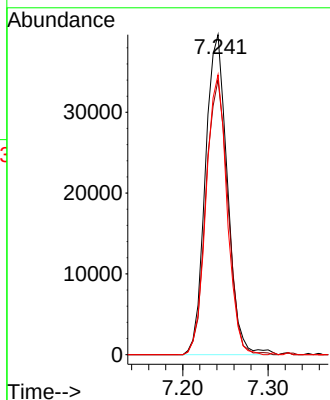
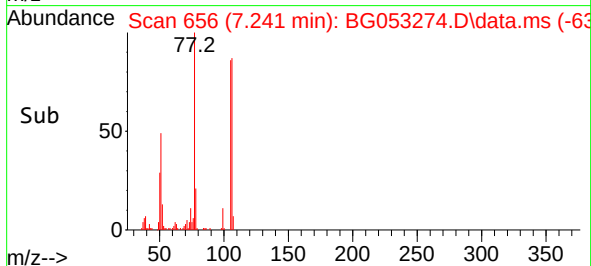
Instrument :
BNA_G
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UST-1-WMSD



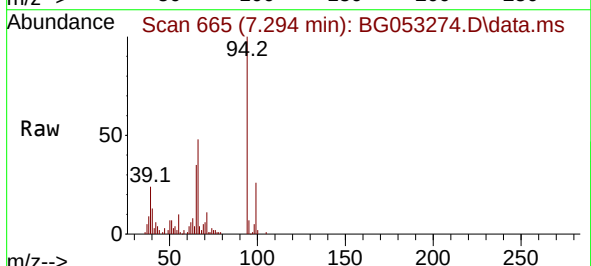
Tgt Ion: 77 Resp: 7114
Ion Ratio Lower Upper
77 100
105 85.9 70.6 110.6
106 87.4 67.6 107.6

Manual Integrations
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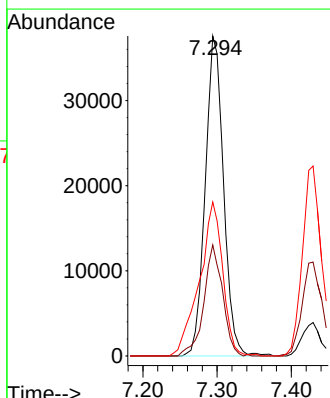
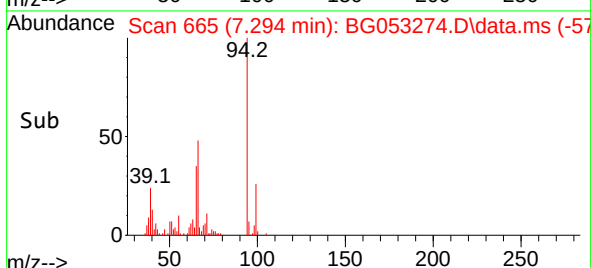
Reviewed By :Christian Giraldo 04/25/2022
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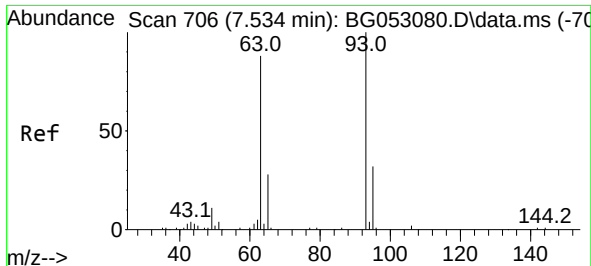


#10
Phenol
Concen: 28.784 ng
RT: 7.294 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



Tgt Ion: 94 Resp: 64434
Ion Ratio Lower Upper
94 100
65 34.7 11.1 51.1
66 48.1 20.0 60.0





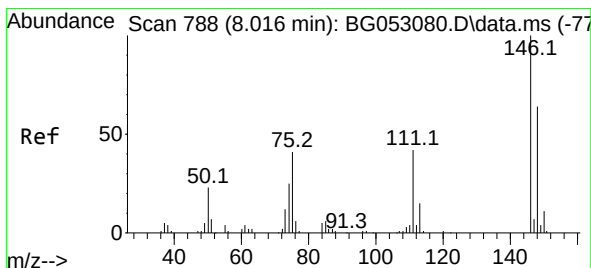
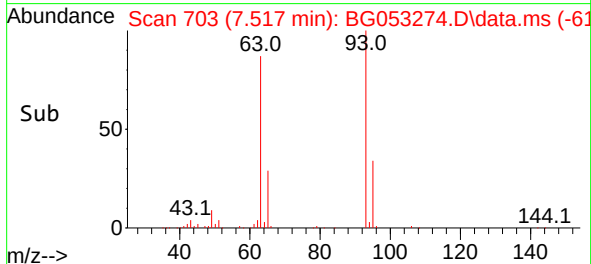
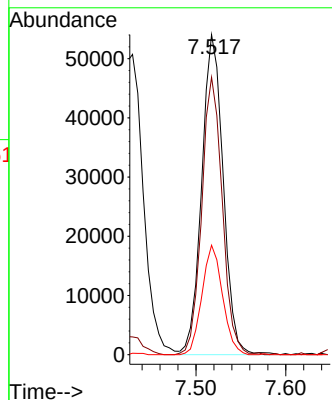
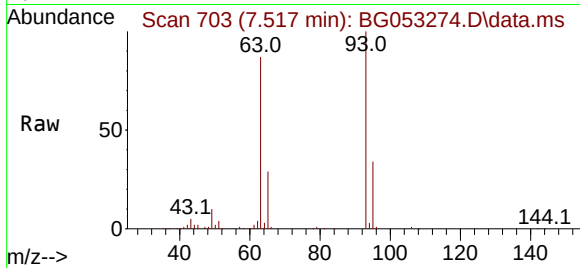
#11
bis(2-Chloroethyl)ether
Concen: 55.639 ng
RT: 7.517 min Scan# 706
Delta R.T. -0.009 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD

Tgt Ion: 93 Resp: 8978
Ion Ratio Lower Upper
93 100
63 86.7 56.9 96.9
95 34.2 14.5 54.5

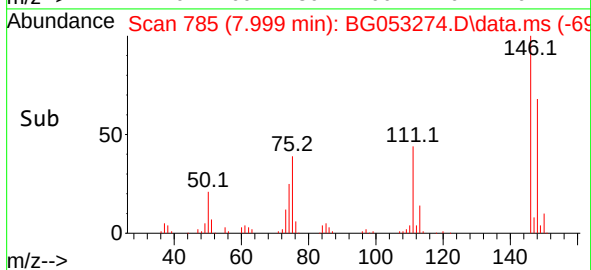
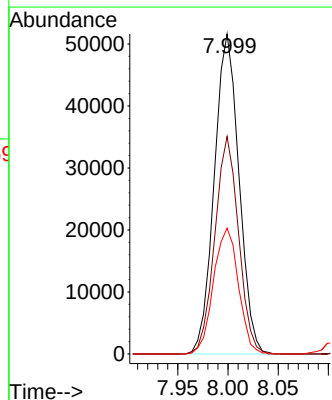
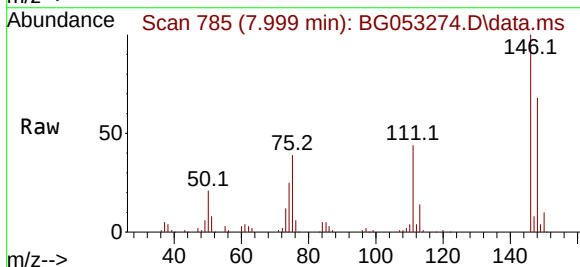
Manual Integrations
APPROVED

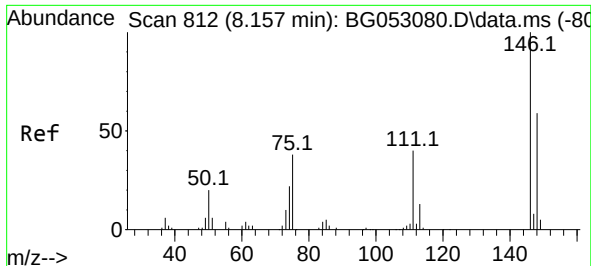
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#12
1,3-Dichlorobenzene
Concen: 48.340 ng
RT: 7.999 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:146 Resp: 88436
Ion Ratio Lower Upper
146 100
148 67.9 50.6 76.0
75 39.3 25.9 38.9#





#13

1,4-Dichlorobenzene

Concen: 48.969 ng

RT: 8.146 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

Tgt Ion:146 Resp: 9133

Ion Ratio Lower Upper

146 100

148 62.1 50.0 75.0

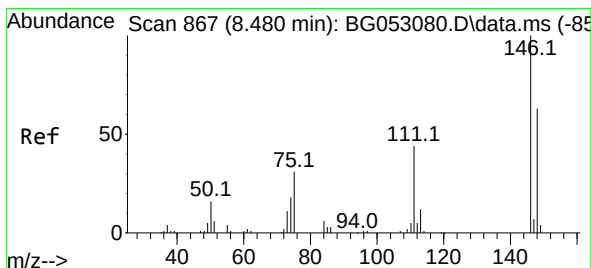
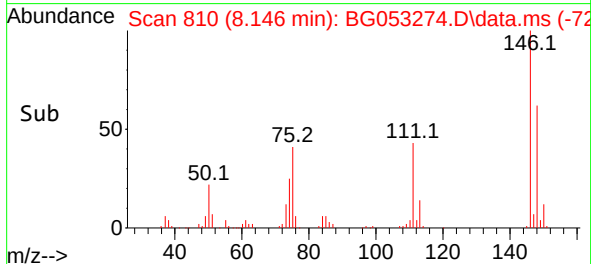
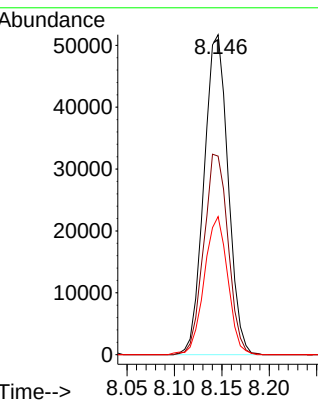
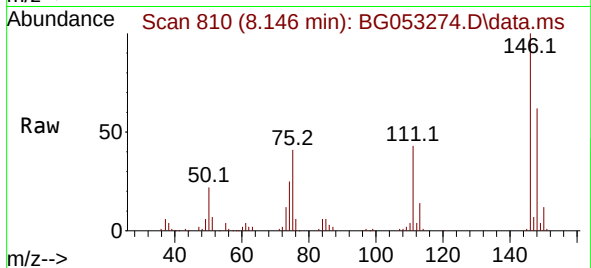
111 43.2 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#14

1,2-Dichlorobenzene

Concen: 49.958 ng

RT: 8.463 min Scan# 864

Delta R.T. -0.009 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

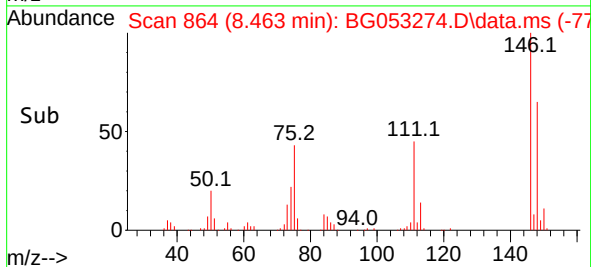
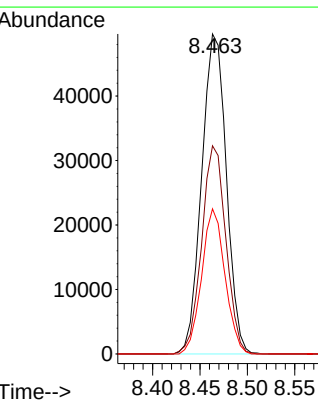
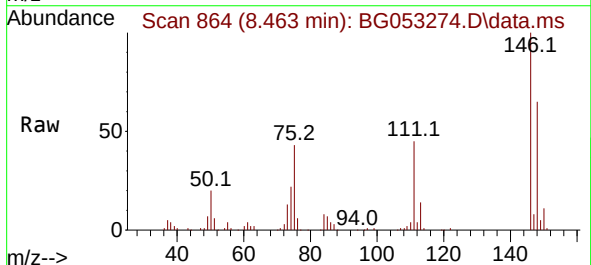
Tgt Ion:146 Resp: 89852

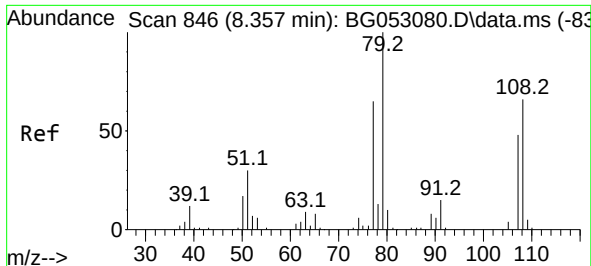
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

111 45.4 34.7 52.1





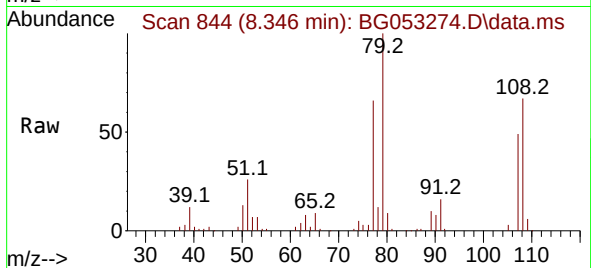
#15
Benzyl Alcohol
Concen: 44.434 ng
RT: 8.346 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

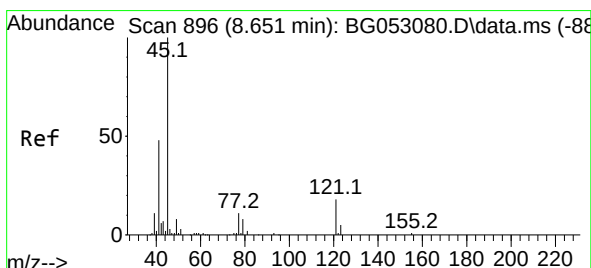
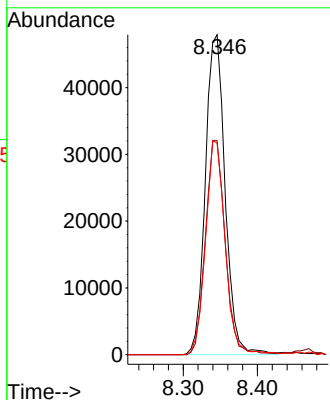
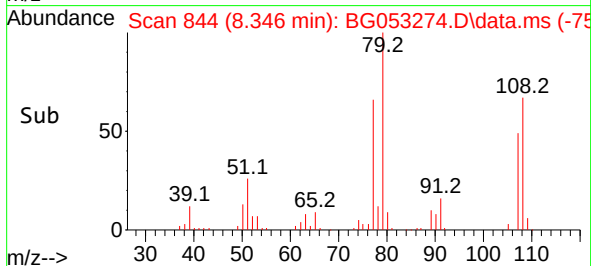


Tgt Ion: 79 Resp: 88820
Ion Ratio Lower Upper
79 100
108 66.9 55.1 82.7
77 66.1 52.4 78.6

Manual Integrations

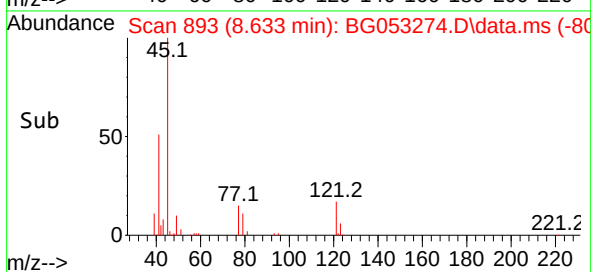
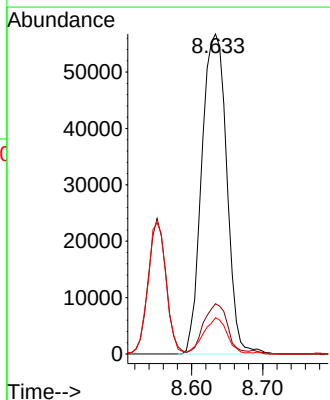
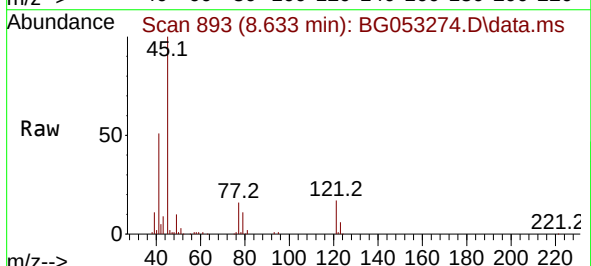
APPROVED

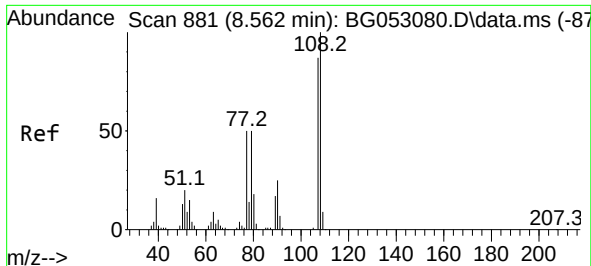
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.354 ng
RT: 8.633 min Scan# 893
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion: 45 Resp: 138348
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.9
79 11.4 0.0 30.7





#17
2-Methylphenol
Concen: 49.013 ng
RT: 8.551 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

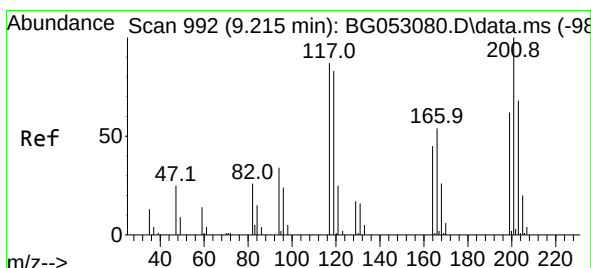
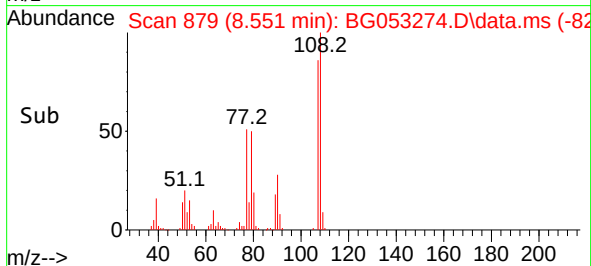
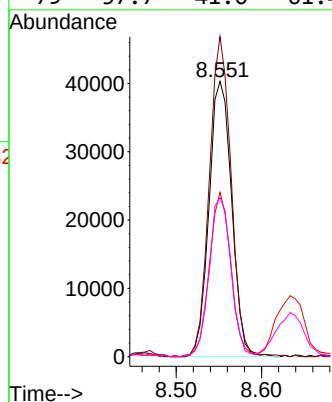
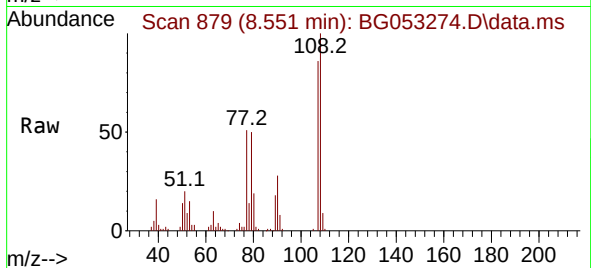
UST-1-WMSD

Tgt Ion:107 Resp: 7424
Ion Ratio Lower Upper
107 100
108 116.2 91.5 137.3
77 59.7 42.5 63.7
79 57.7 41.0 61.4

Manual Integrations

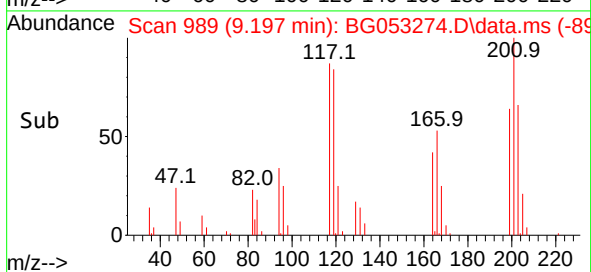
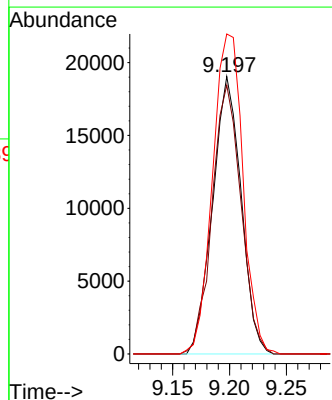
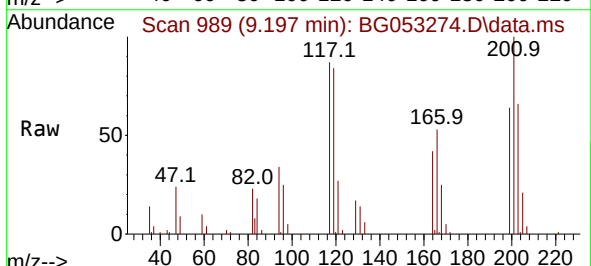
APPROVED

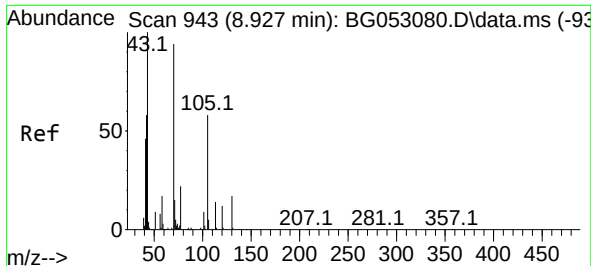
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#18
Hexachloroethane
Concen: 47.477 ng
RT: 9.197 min Scan# 989
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:117 Resp: 33205
Ion Ratio Lower Upper
117 100
119 96.9 75.1 112.7
201 115.3 96.6 145.0





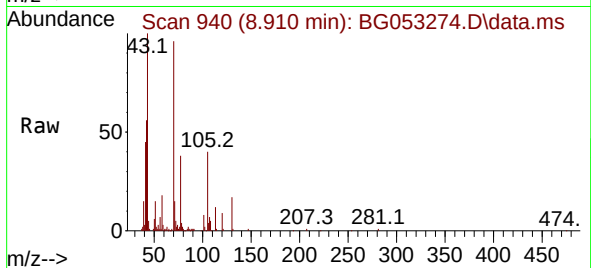
#19
n-Nitroso-di-n-propylamine
Concen: 53.101 ng
RT: 8.910 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

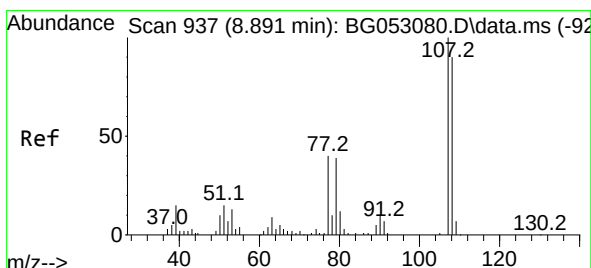
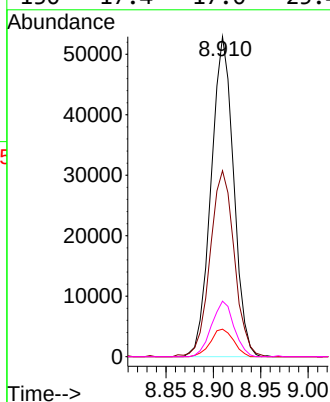
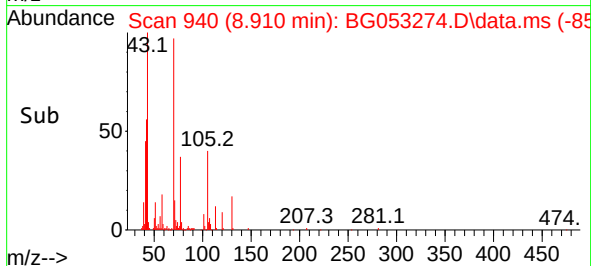


Tgt Ion: 70 Resp: 87420
Ion Ratio Lower Upper
70 100
42 58.1 46.0 69.0
101 8.6 6.2 9.4
130 17.4 17.0 25.4

Manual Integrations

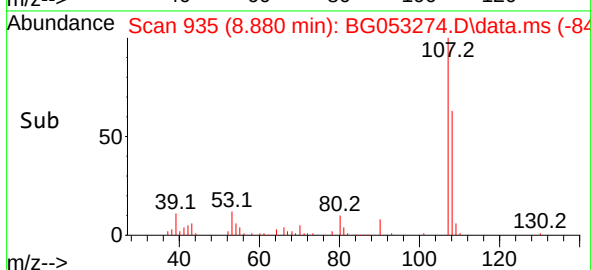
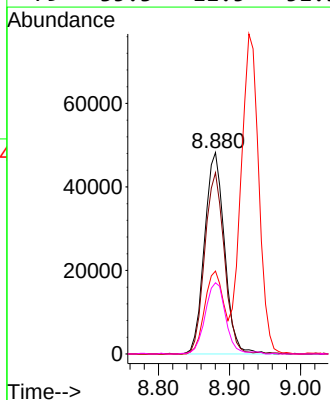
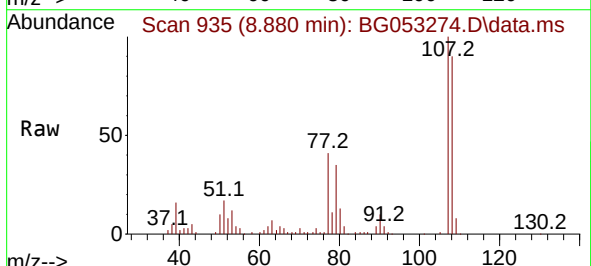
APPROVED

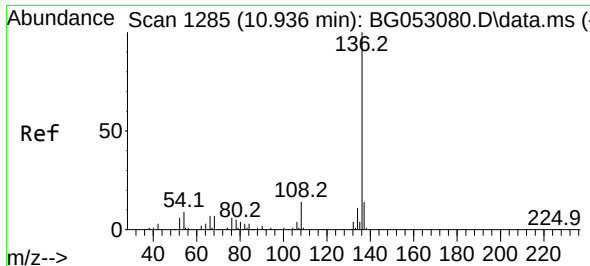
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#20
3+4-Methylphenols
Concen: 44.185 ng
RT: 8.880 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:107 Resp: 94485
Ion Ratio Lower Upper
107 100
108 90.0 64.8 104.8
77 41.1 15.9 55.9
79 35.3 11.5 51.5





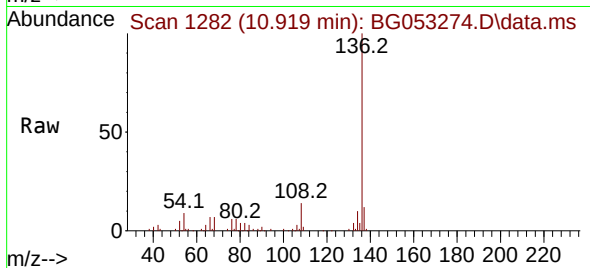
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 105458
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

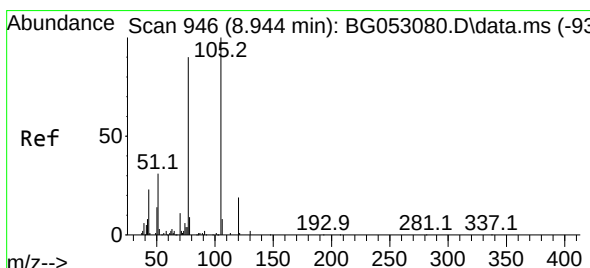
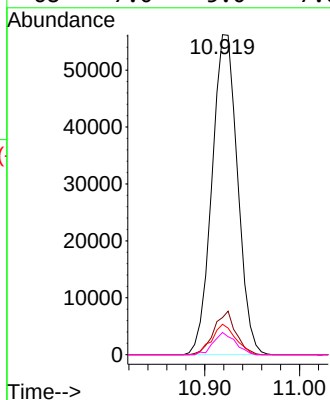
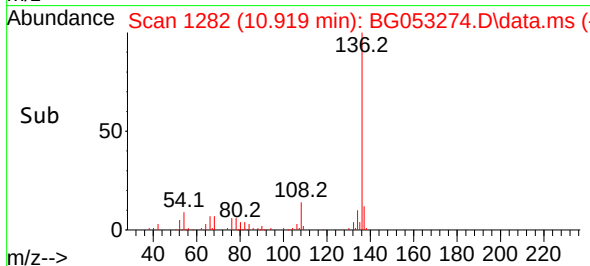


Tgt Ion:136 Resp: 105458
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 9.5 6.4 9.6
68 7.0 5.0 7.6

Manual Integrations

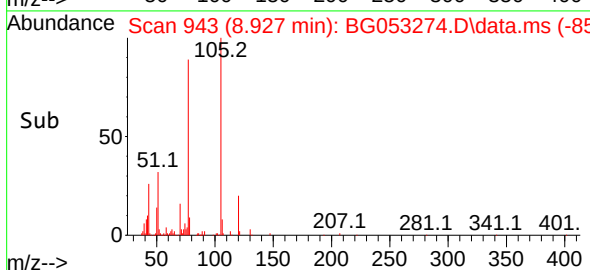
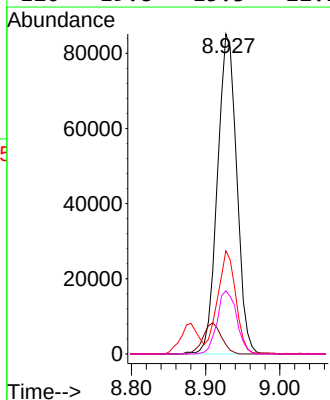
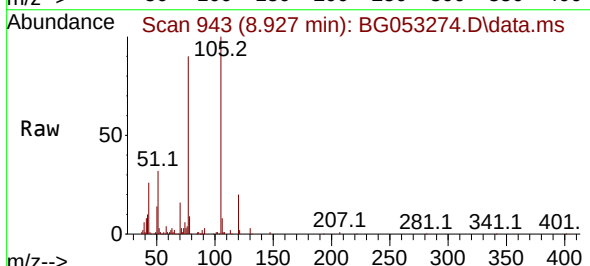
APPROVED

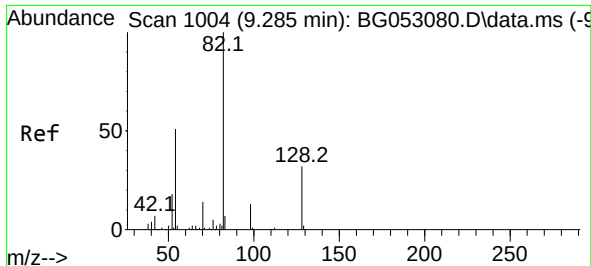
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#22
Acetophenone
Concen: 52.544 ng
RT: 8.927 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

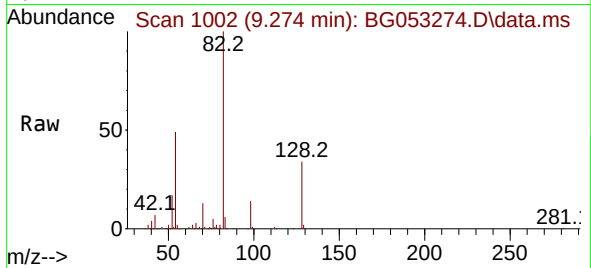
Tgt Ion:105 Resp: 153727
Ion Ratio Lower Upper
105 100
71 2.9 2.1 3.1
51 32.3 21.9 32.9
120 19.8 15.3 22.9





#23
Nitrobenzene-d5
Concen: 97.022 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

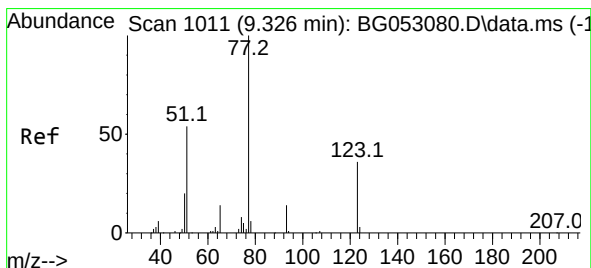
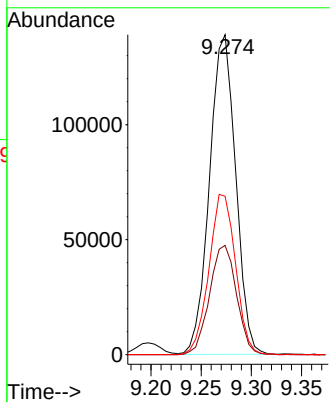
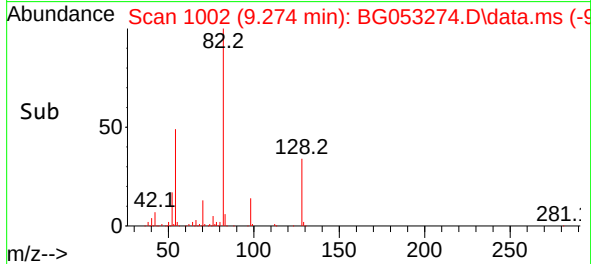
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion: 82 Resp: 25199
Ion Ratio Lower Upper
82 100
128 34.2 31.3 46.9
54 49.5 37.8 56.8

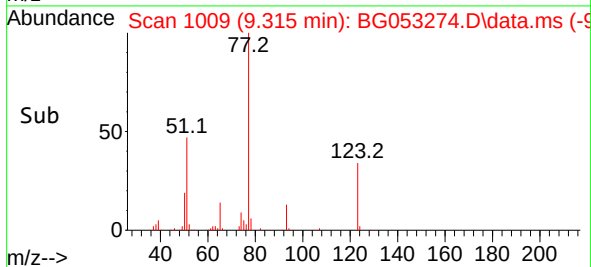
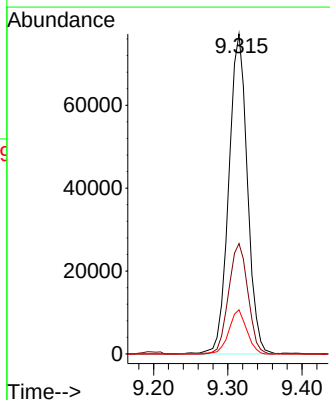
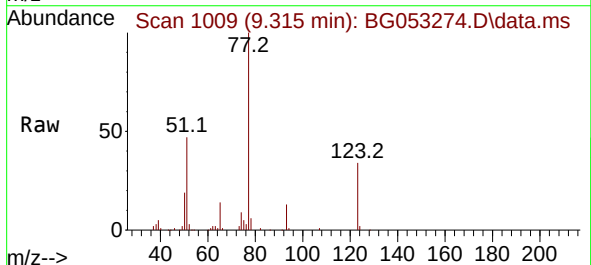
Manual Integrations
APPROVED

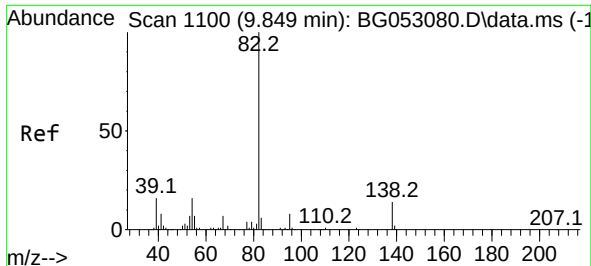
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#24
Nitrobenzene
Concen: 53.162 ng
RT: 9.315 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

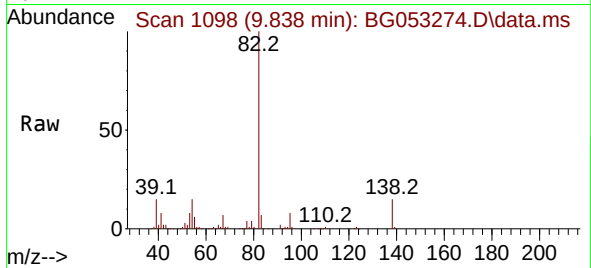
Tgt Ion: 77 Resp: 134302
Ion Ratio Lower Upper
77 100
123 34.5 34.4 51.6
65 13.8 11.2 16.8





#25
Isophorone
Concen: 55.971 ng
RT: 9.838 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

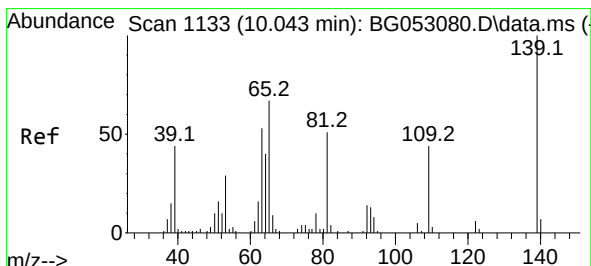
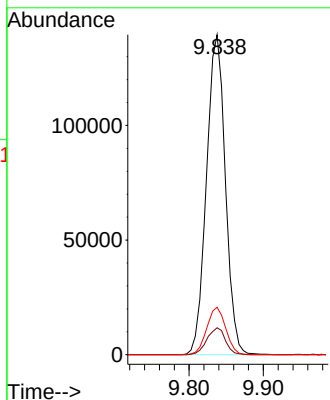
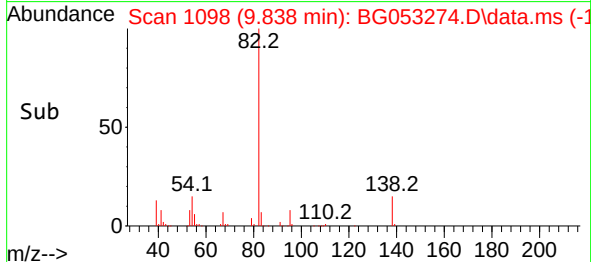
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion: 82 Resp: 247089
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.6
138 14.8 12.6 18.8

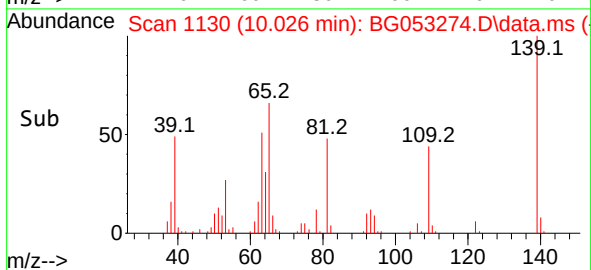
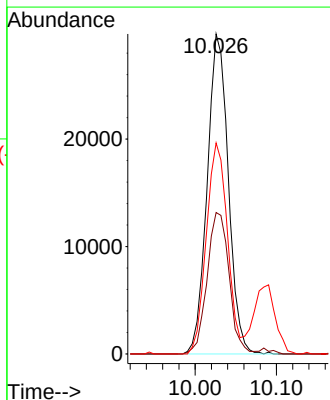
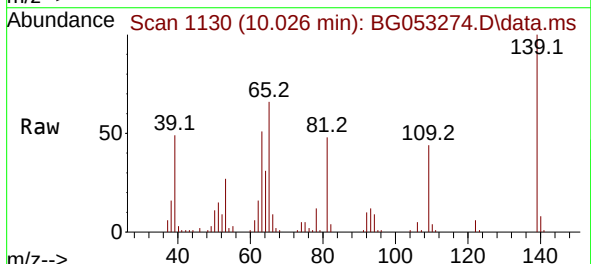
Manual Integrations
APPROVED

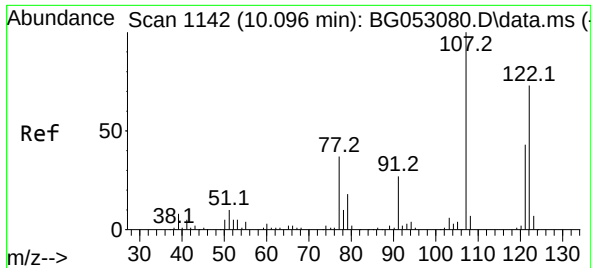
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#26
2-Nitrophenol
Concen: 50.886 ng
RT: 10.026 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:139 Resp: 53755
Ion Ratio Lower Upper
139 100
109 44.2 29.4 44.0#
65 65.9 48.2 72.2





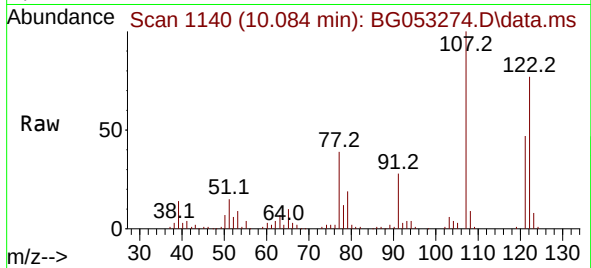
#27
2,4-Dimethylphenol
Concen: 59.527 ng
RT: 10.084 min Scan# 1142
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

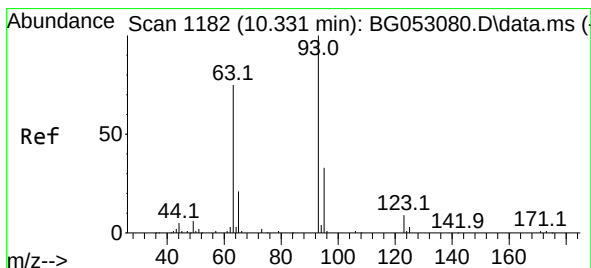
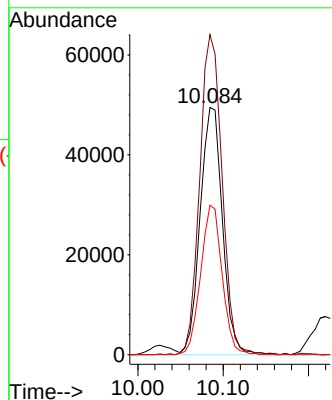
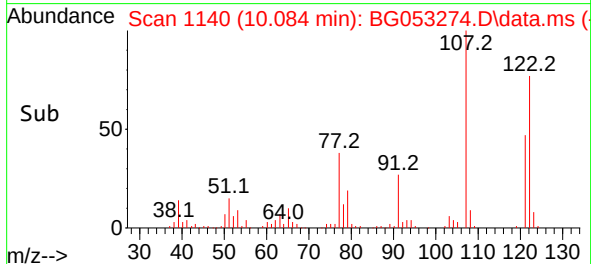


Tgt Ion:122 Resp: 90060
Ion Ratio Lower Upper
122 100
107 129.4 96.7 145.1
121 60.4 46.3 69.5

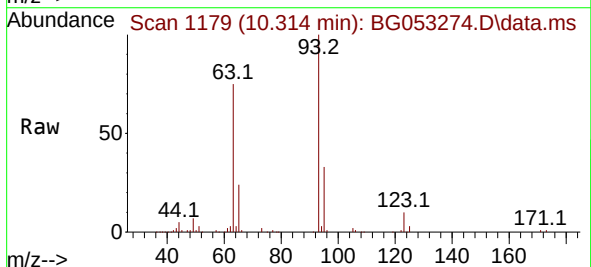
Manual Integrations

APPROVED

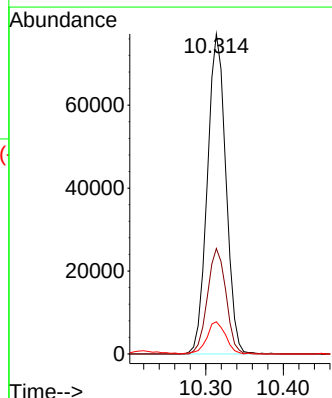
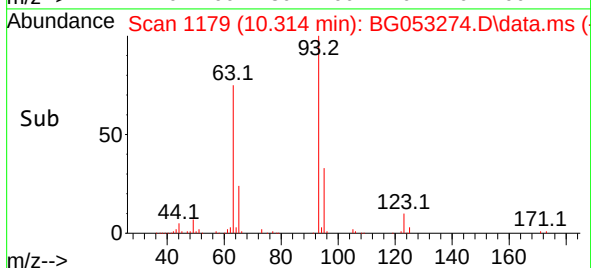
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

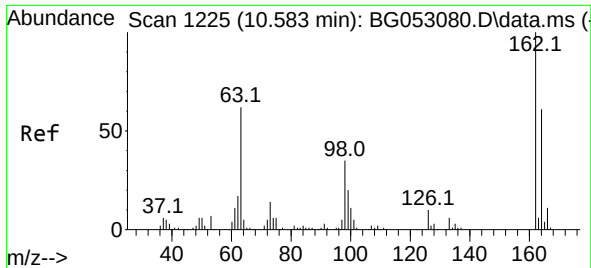


#28
bis(2-Chloroethoxy)methane
Concen: 51.689 ng
RT: 10.314 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



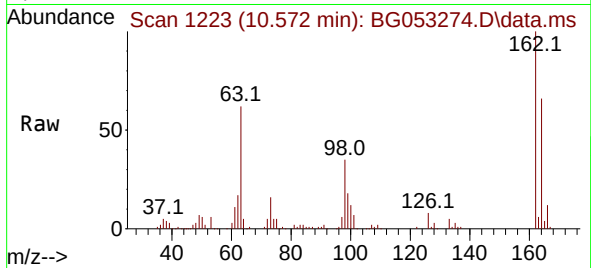
Tgt Ion: 93 Resp: 128195
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 10.1 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 54.168 ng
RT: 10.572 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

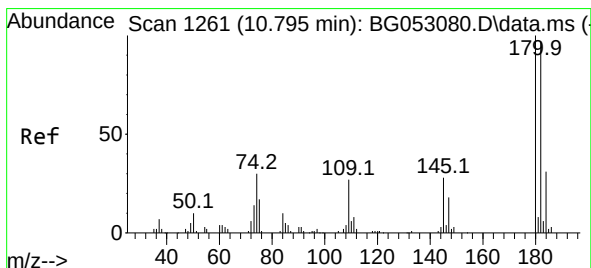
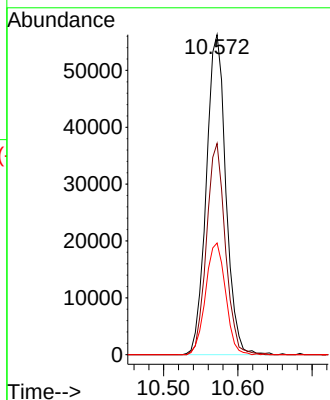
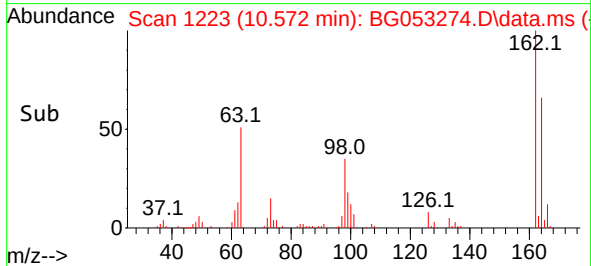
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:162 Resp: 103020
Ion Ratio Lower Upper
162 100
164 66.0 44.0 84.0
98 34.9 17.3 57.3

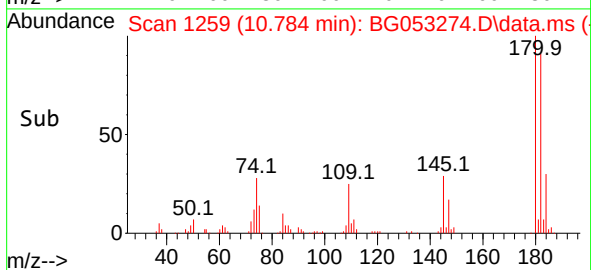
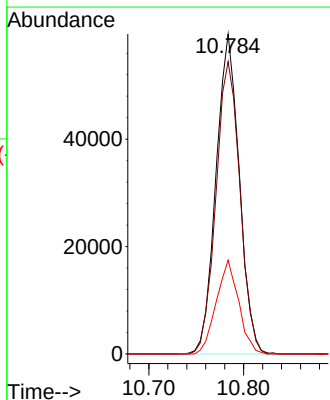
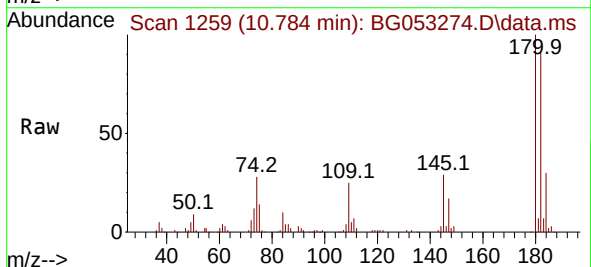
Manual Integrations
APPROVED

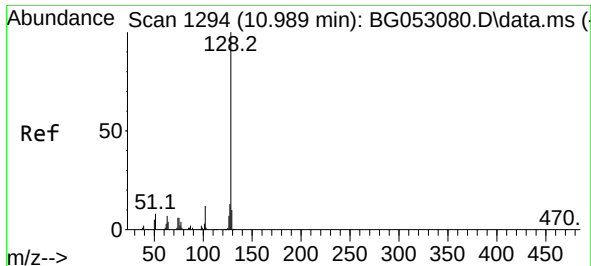
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#30
1,2,4-Trichlorobenzene
Concen: 47.219 ng
RT: 10.784 min Scan# 1259
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

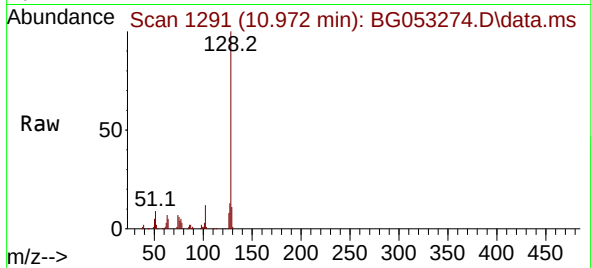
Tgt Ion:180 Resp: 101645
Ion Ratio Lower Upper
180 100
182 91.3 77.8 116.6
145 29.3 24.4 36.6





#31
Naphthalene
Concen: 49.795 ng
RT: 10.972 min Scan# 1163
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

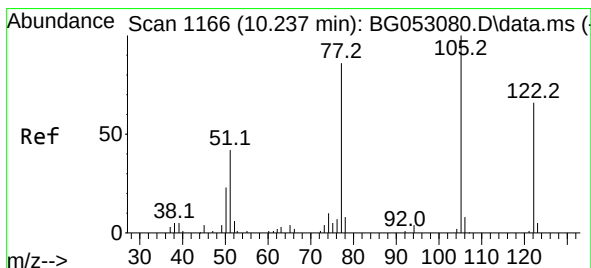
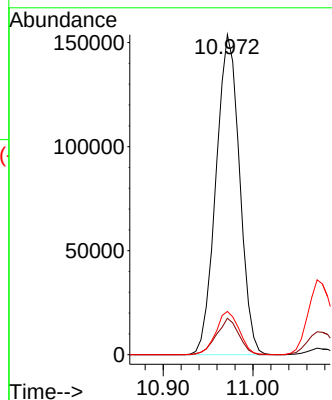
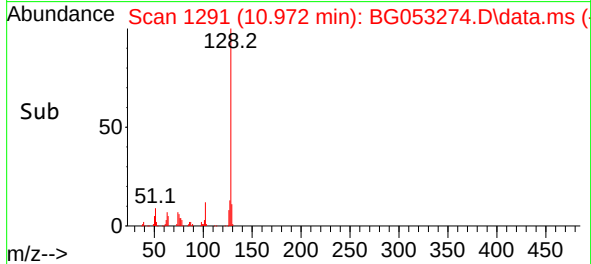
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:128 Resp: 280160
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.5 15.7

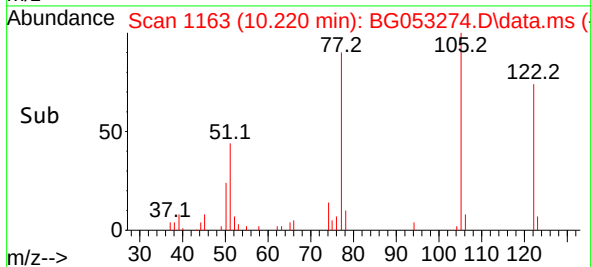
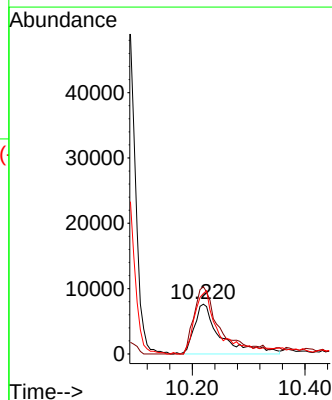
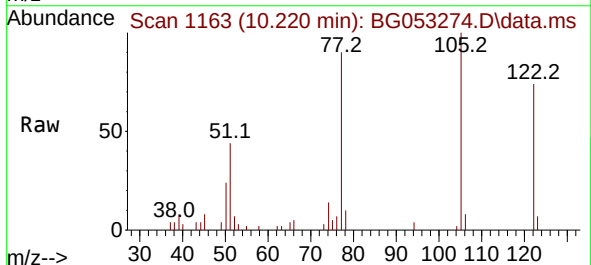
Manual Integrations
APPROVED

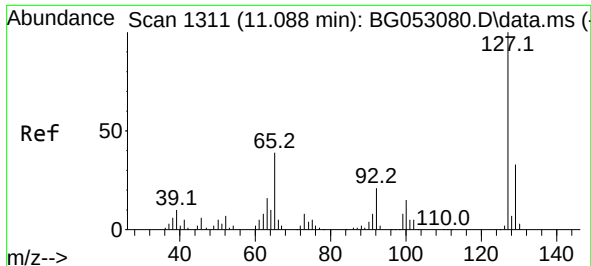
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#32
Benzoic acid
Concen: 26.731 ng m
RT: 10.220 min Scan# 1163
Delta R.T. -0.015 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:122 Resp: 24607
Ion Ratio Lower Upper
122 100
105 135.1 112.8 152.8
77 121.7 78.4 118.4#





#33
4-Chloroaniline
Concen: 28.291 ng
RT: 11.071 min Scan# 1107
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

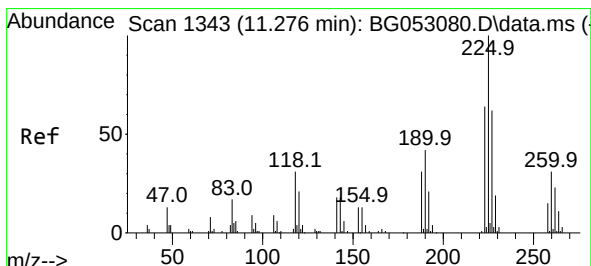
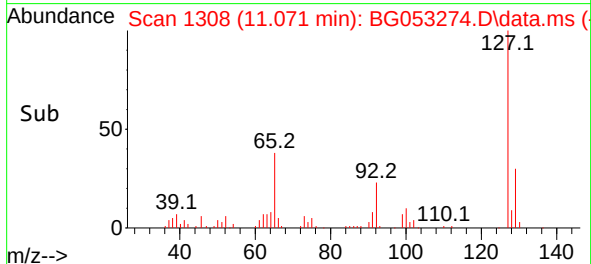
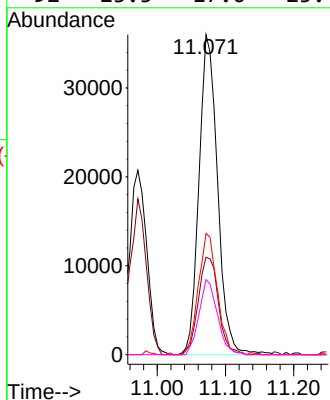
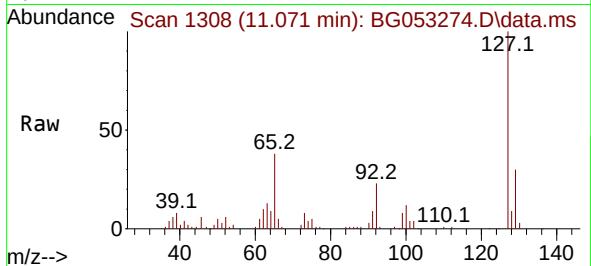
UST-1-WMSD

Tgt Ion:127 Resp: 6816
Ion Ratio Lower Upper
127 100
129 30.5 27.6 41.4
65 37.8 28.2 42.4
92 23.5 17.0 25.4

Manual Integrations

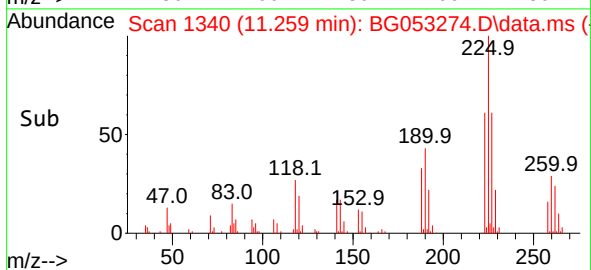
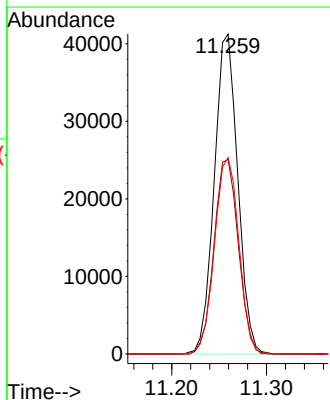
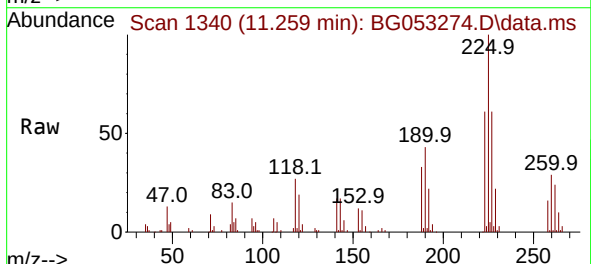
APPROVED

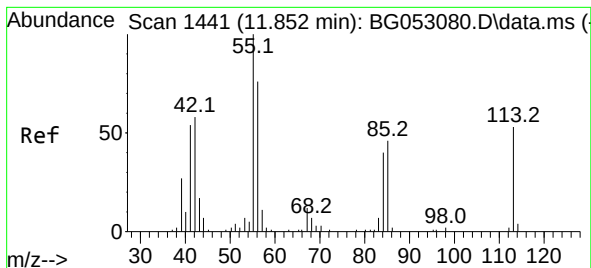
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#34
Hexachlorobutadiene
Concen: 44.415 ng
RT: 11.259 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

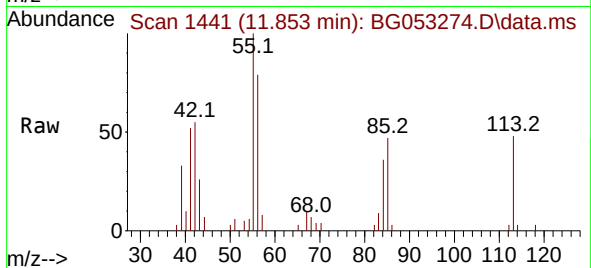
Tgt Ion:225 Resp: 71022
Ion Ratio Lower Upper
225 100
223 60.8 50.2 75.2
227 61.4 52.0 78.0





#35
Caprolactam
Concen: 15.969 ng m
RT: 11.853 min Scan# 1441
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

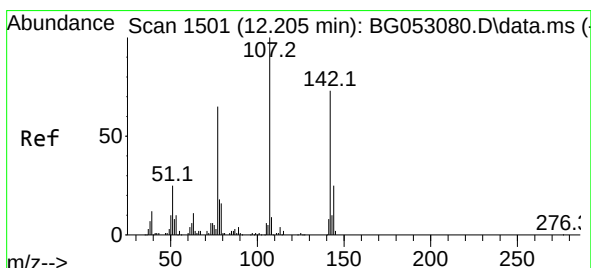
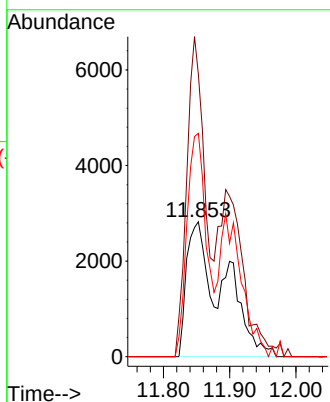
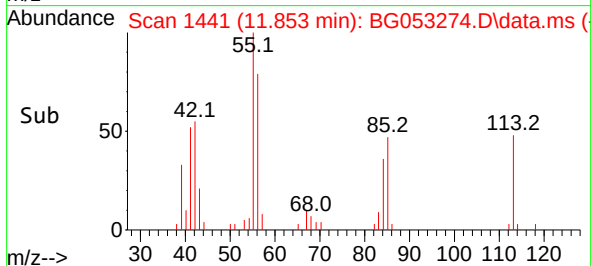
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



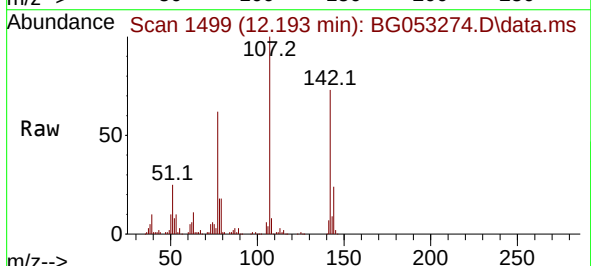
Tgt Ion:113 Resp: 10700
Ion Ratio Lower Upper
113 100
55 209.3 151.3 191.3
56 165.5 128.5 168.5

Manual Integrations
APPROVED

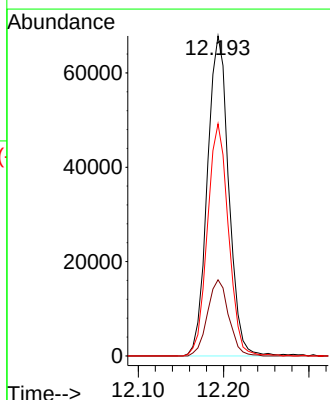
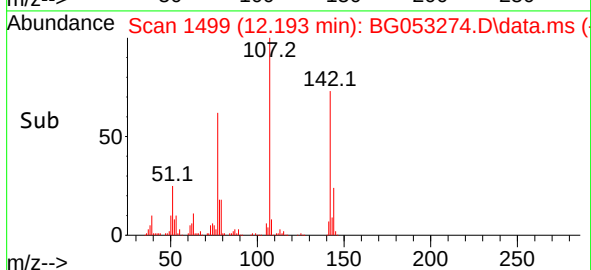
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

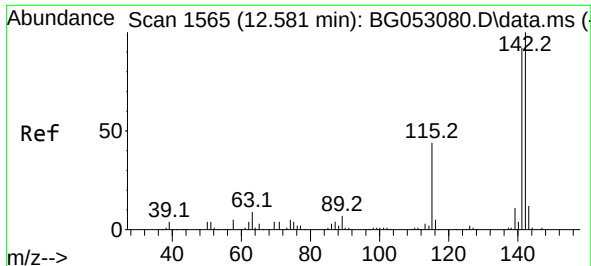


#36
4-Chloro-3-methylphenol
Concen: 53.285 ng
RT: 12.193 min Scan# 1499
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



Tgt Ion:107 Resp: 117989
Ion Ratio Lower Upper
107 100
144 23.8 21.4 32.0
142 72.6 61.7 92.5





#37

2-Methylnaphthalene

Concen: 51.145 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

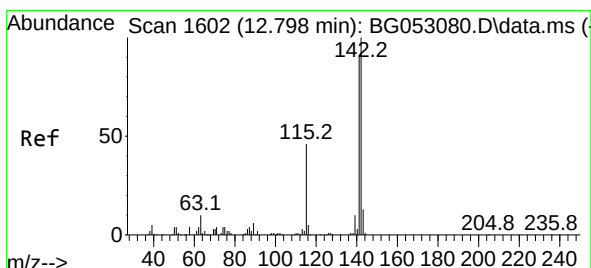
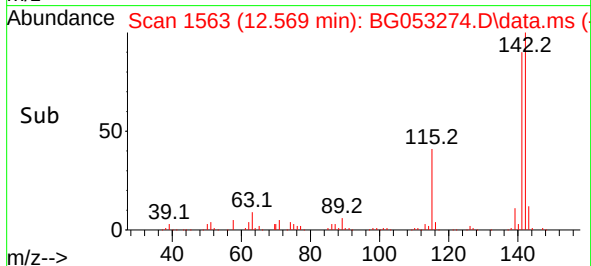
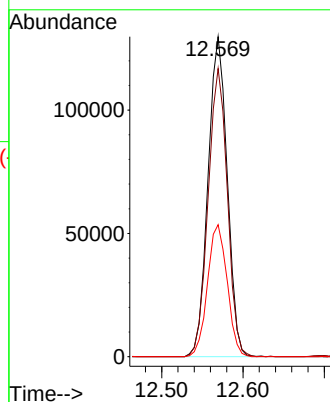
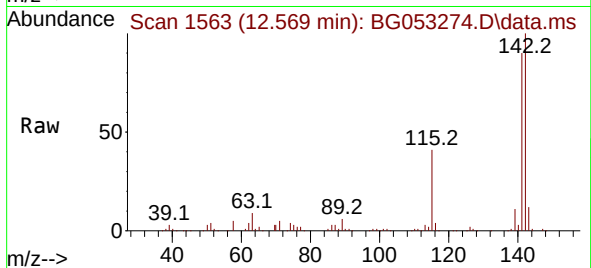
UST-1-WMSD

Tgt Ion:142 Resp: 21293
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.3 106.9
 115 41.2 29.5 44.3

Manual Integrations

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



#38

1-Methylnaphthalene

Concen: 50.672 ng m

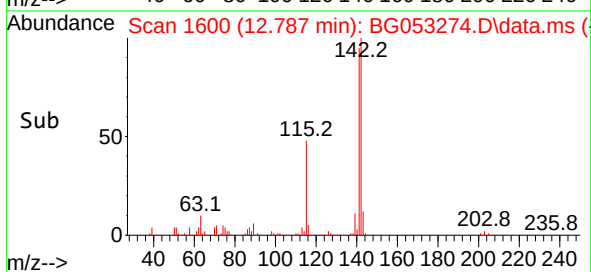
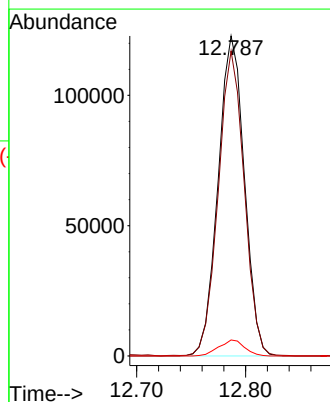
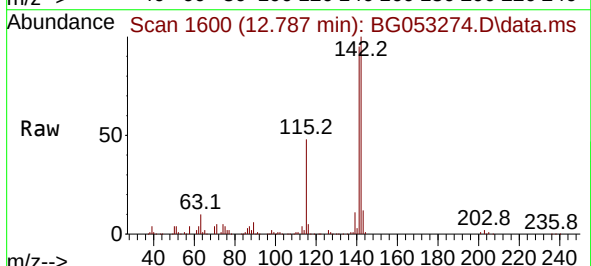
RT: 12.787 min Scan# 1600

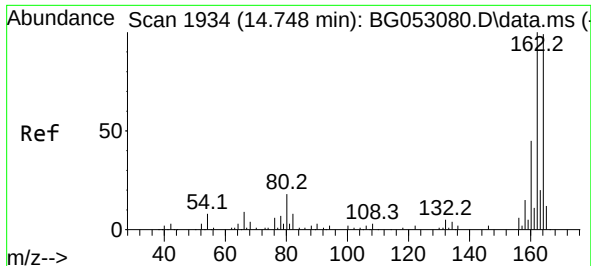
Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

Tgt Ion:142 Resp: 205921
 Ion Ratio Lower Upper
 142 100
 141 95.3 70.5 105.7
 116 5.0 3.1 4.7#





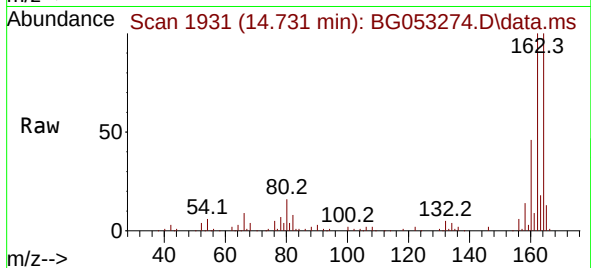
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

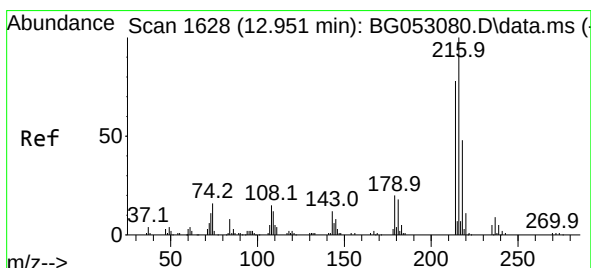
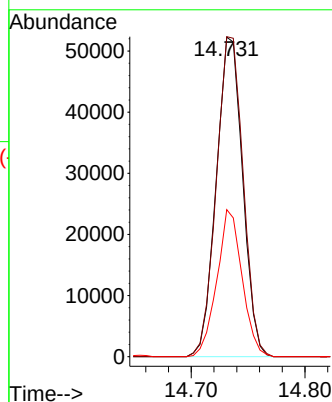
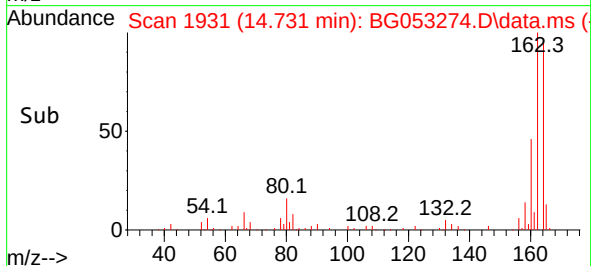


Tgt Ion:164 Resp: 84130
Ion Ratio Lower Upper
164 100
162 100.2 80.0 120.0
160 46.0 38.8 58.2

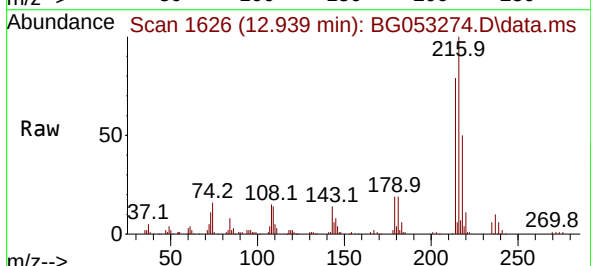
Manual Integrations

APPROVED

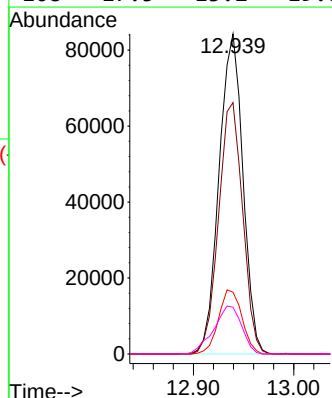
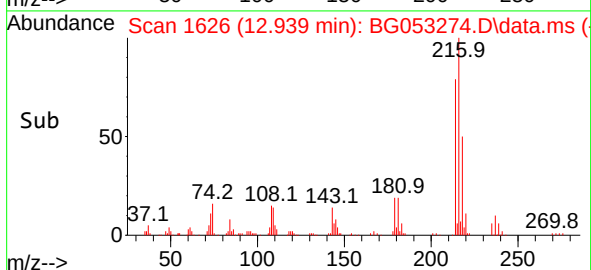
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

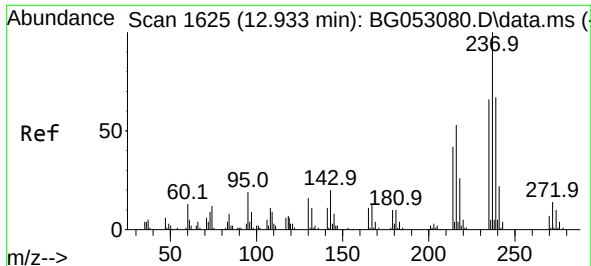


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.628 ng
RT: 12.939 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



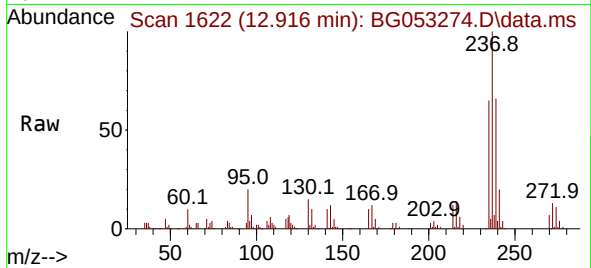
Tgt Ion:216 Resp: 138947
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
179 19.7 15.7 23.5
108 17.5 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 86.719 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

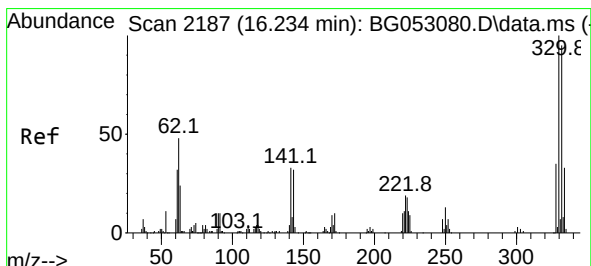
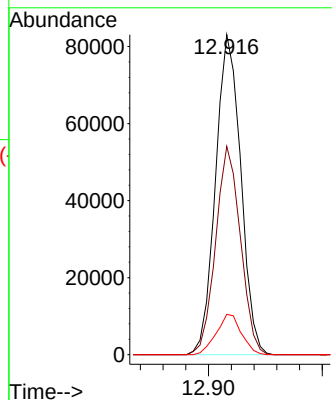
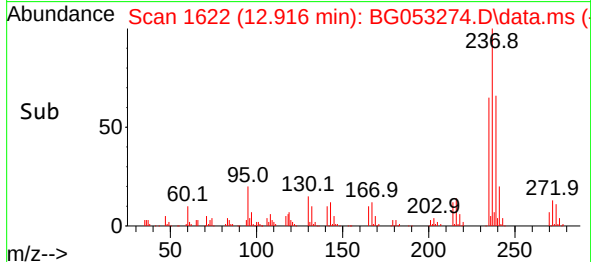
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



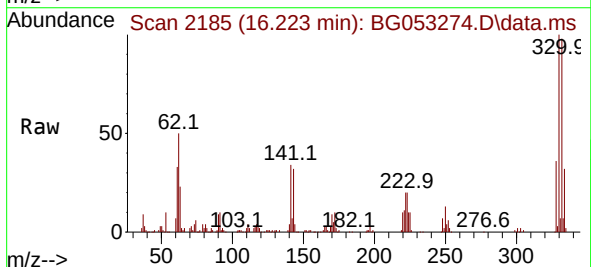
Tgt Ion:237 Resp: 12791
Ion Ratio Lower Upper
237 100
235 65.1 37.7 77.7
272 12.6 0.0 30.7

Manual Integrations
APPROVED

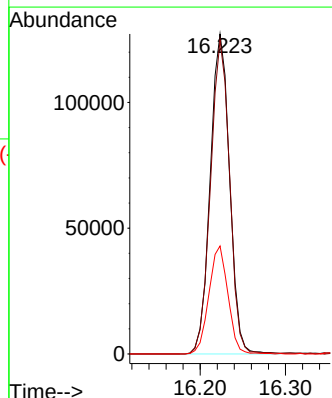
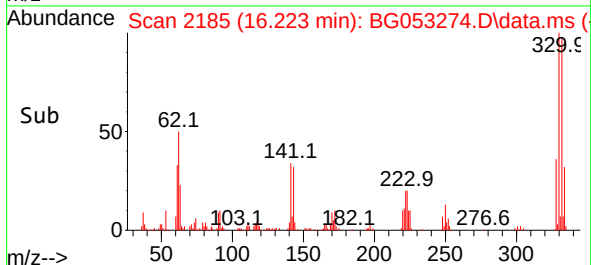
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

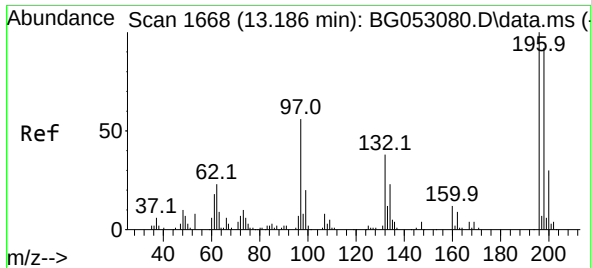


#42
2,4,6-Tribromophenol
Concen: 149.667 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



Tgt Ion:330 Resp: 200325
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 33.2 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 50.880 ng
RT: 13.174 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

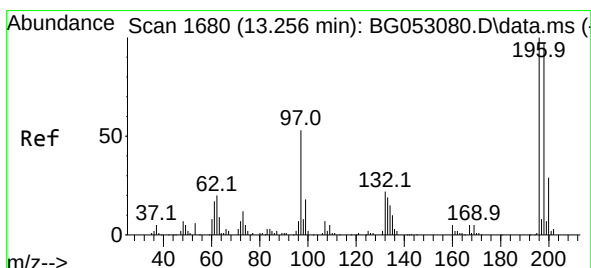
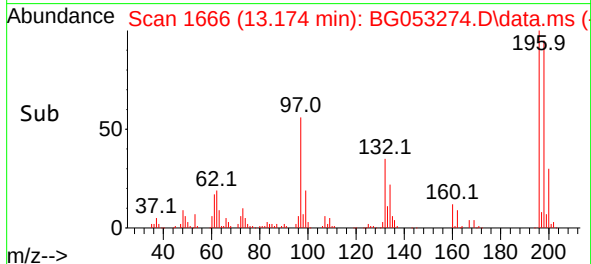
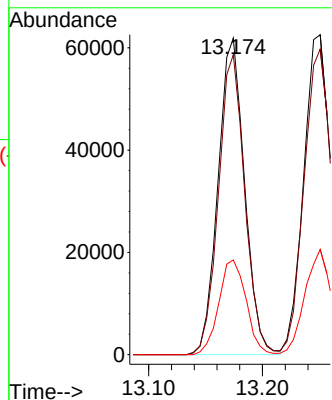
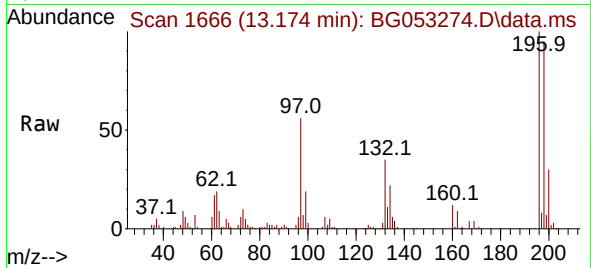
UST-1-WMSD

Tgt Ion:196 Resp: 100230
Ion Ratio Lower Upper
196 100
198 94.8 78.8 118.2
200 29.9 25.1 37.7

Manual Integrations

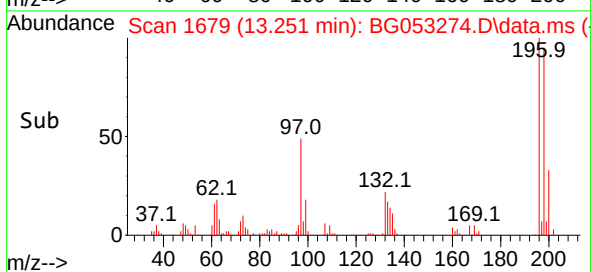
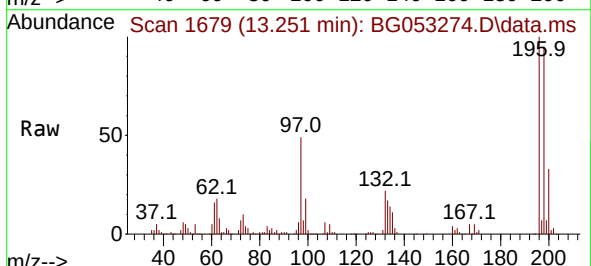
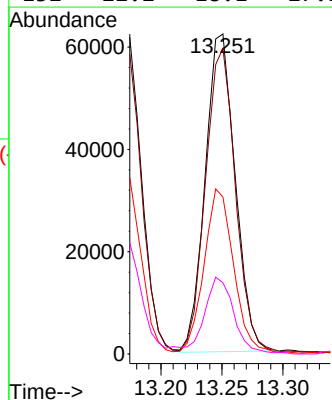
APPROVED

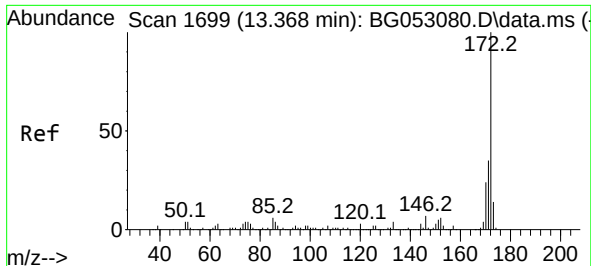
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#44
2,4,5-Trichlorophenol
Concen: 50.682 ng
RT: 13.251 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:196 Resp: 106398
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.6
97 49.0 36.5 54.7
132 22.2 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 94.288 ng
RT: 13.357 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

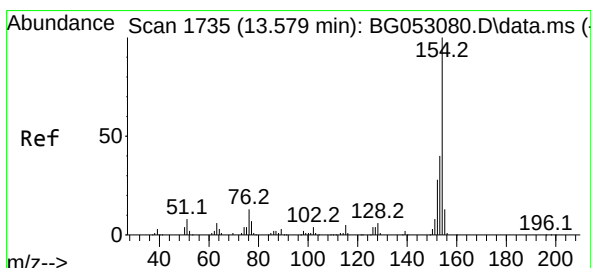
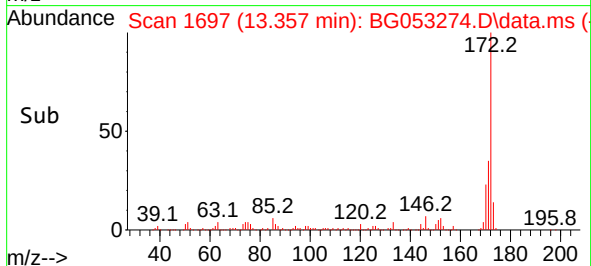
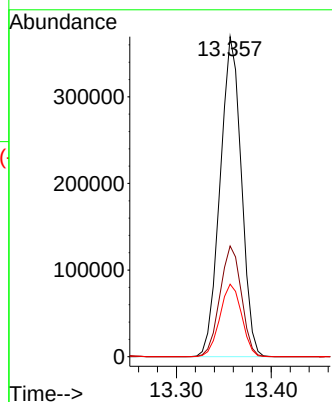
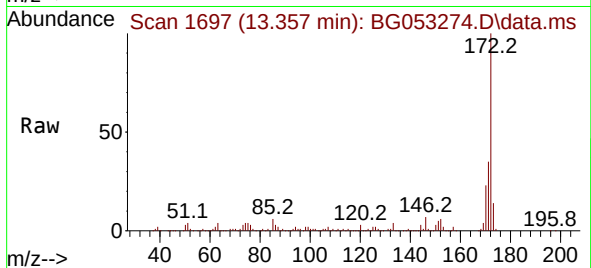
UST-1-WMSD

Tgt Ion:172 Resp: 57527
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.6 18.0 27.0

Manual Integrations

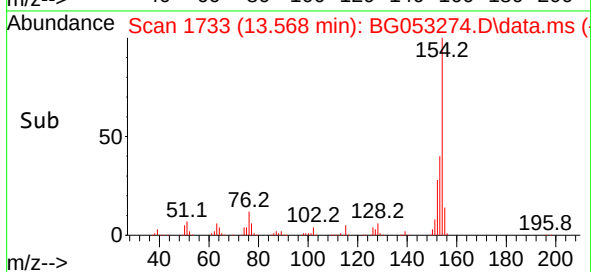
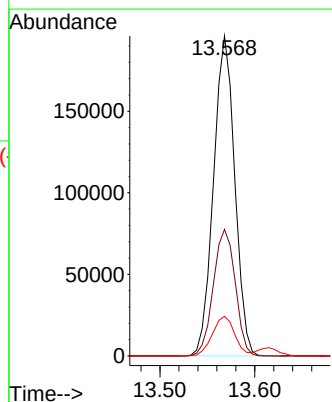
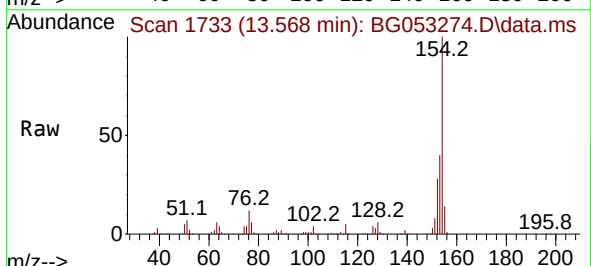
APPROVED

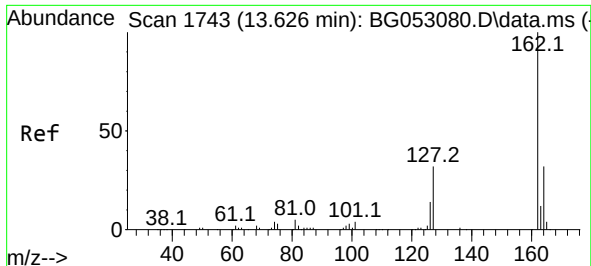
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#46
1,1'-Biphenyl
Concen: 50.339 ng
RT: 13.568 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

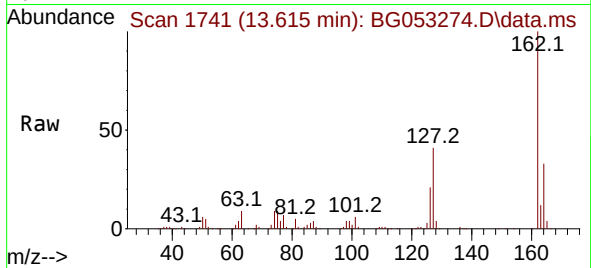
Tgt Ion:154 Resp: 304981
Ion Ratio Lower Upper
154 100
153 39.6 21.6 61.6
76 12.4 0.0 31.5





#47
2-Chloronaphthalene
Concen: 49.158 ng
RT: 13.615 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

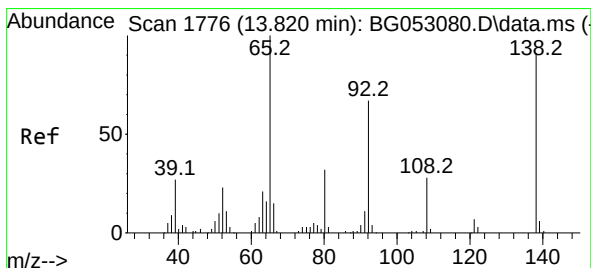
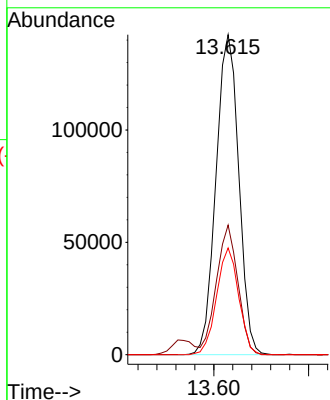
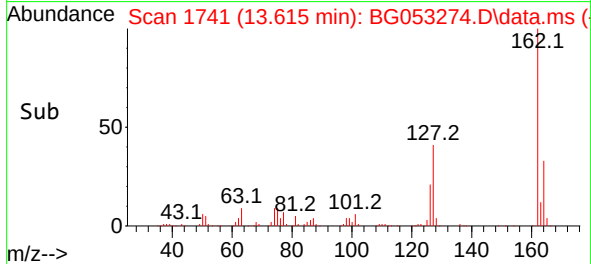
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:162 Resp: 23761
Ion Ratio Lower Upper
162 100
127 40.5 28.1 42.1
164 33.4 26.0 39.0

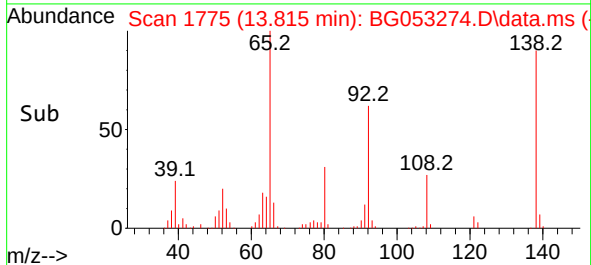
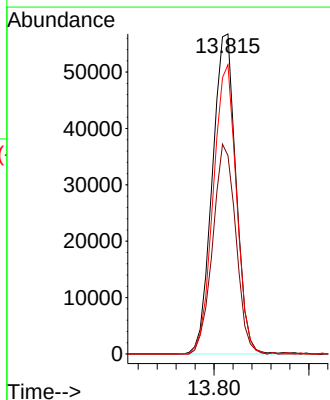
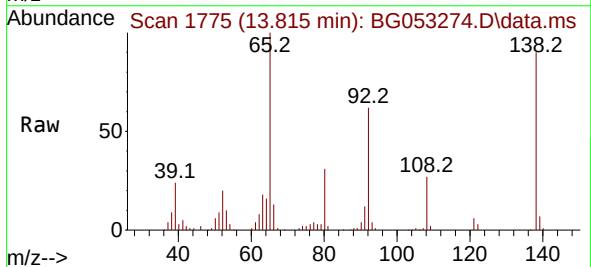
Manual Integrations
APPROVED

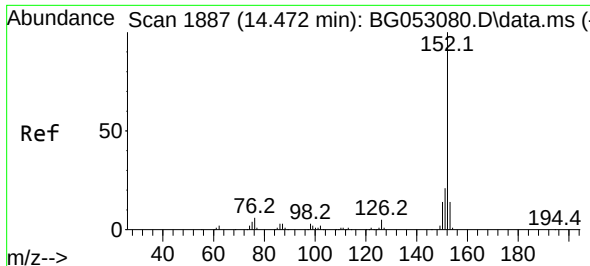
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#48
2-Nitroaniline
Concen: 53.548 ng
RT: 13.815 min Scan# 1775
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

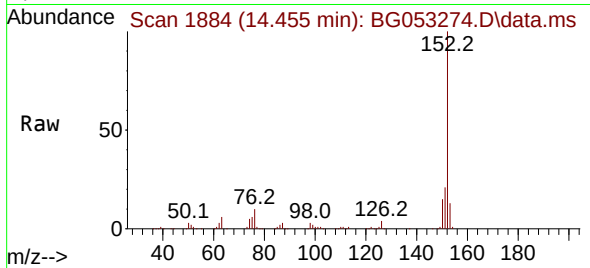
Tgt Ion: 65 Resp: 98226
Ion Ratio Lower Upper
65 100
92 62.0 52.1 78.1
138 90.4 80.1 120.1





#49
Acenaphthylene
Concen: 54.715 ng
RT: 14.455 min Scan# 1884
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

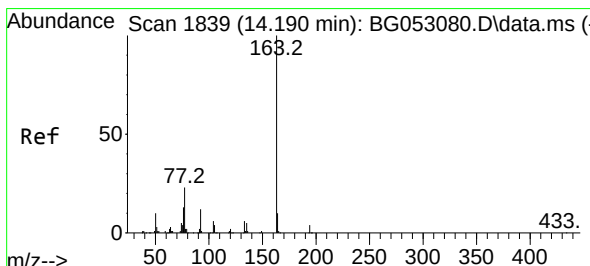
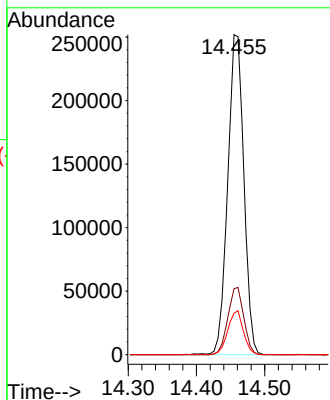
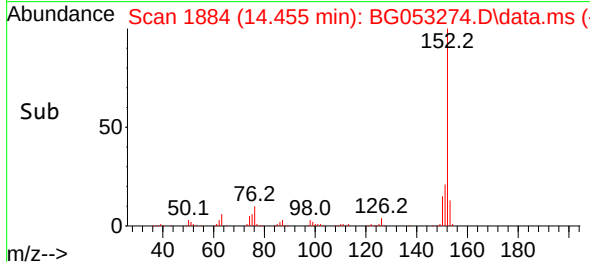
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



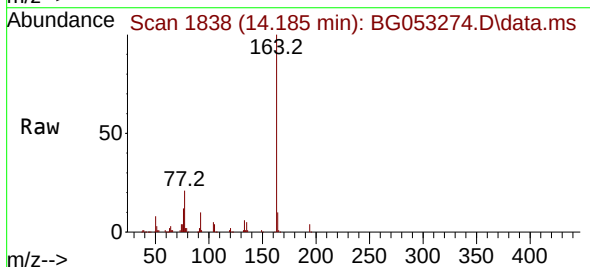
Tgt Ion:152 Resp: 414000
Ion Ratio Lower Upper
152 100
151 20.7 15.8 23.6
153 12.9 10.6 15.8

Manual Integrations
APPROVED

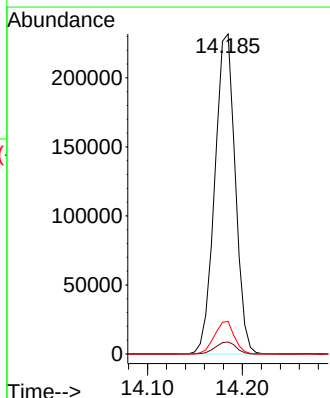
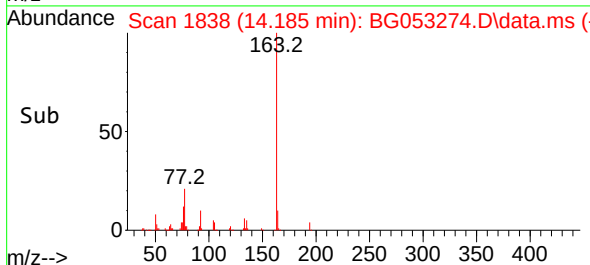
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

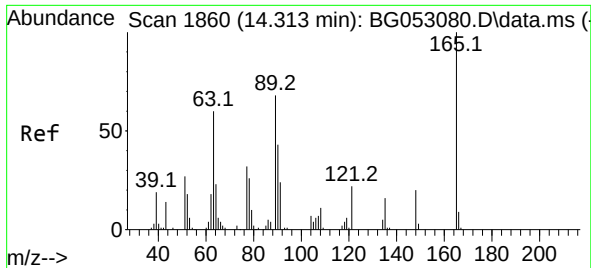


#50
Dimethylphthalate
Concen: 51.631 ng
RT: 14.185 min Scan# 1838
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



Tgt Ion:163 Resp: 347429
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 54.463 ng
RT: 14.302 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

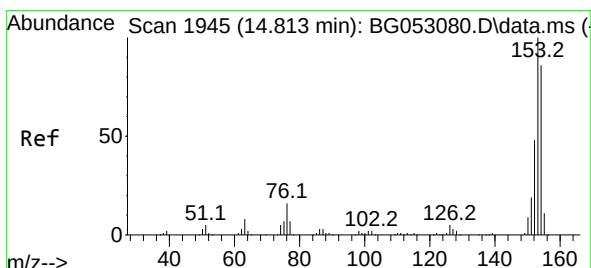
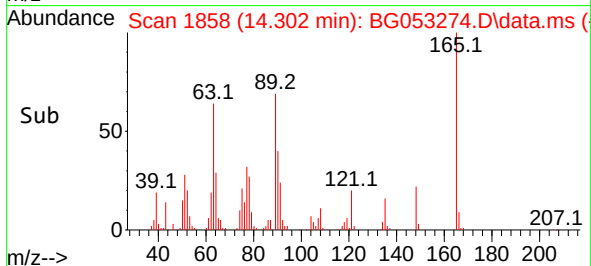
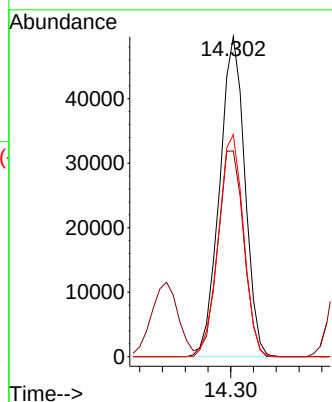
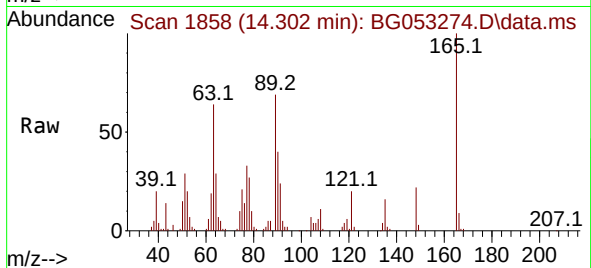
UST-1-WMSD

Tgt Ion:165 Resp: 7645
Ion Ratio Lower Upper
165 100
63 64.3 43.7 65.5
89 69.4 45.0 67.4

Manual Integrations

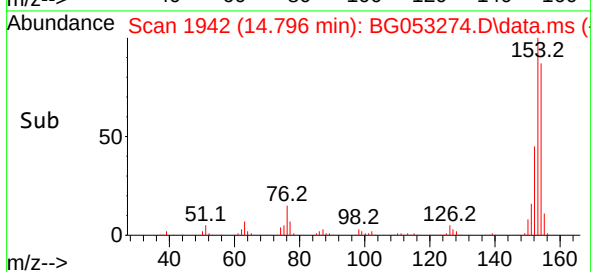
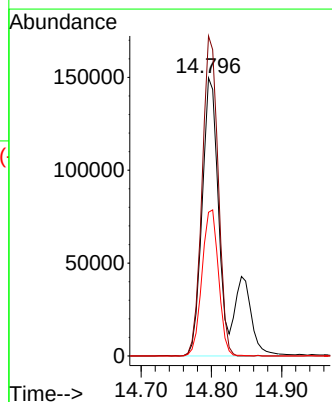
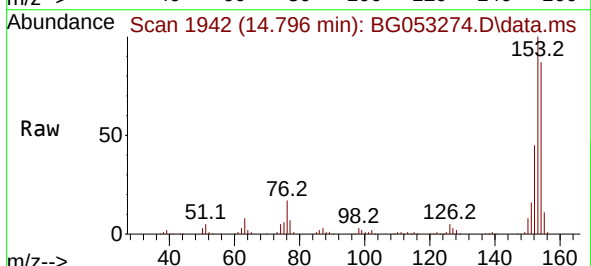
APPROVED

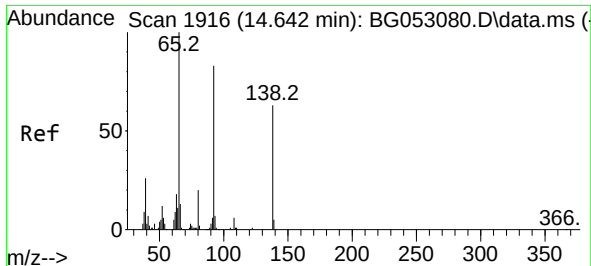
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#52
Acenaphthene
Concen: 59.795 ng m
RT: 14.796 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

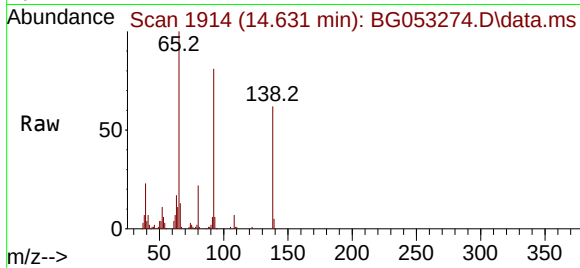
Tgt Ion:154 Resp: 306823
Ion Ratio Lower Upper
154 100
153 115.0 89.0 133.4
152 51.7 40.5 60.7





#53
3-Nitroaniline
Concen: 33.461 ng
RT: 14.631 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

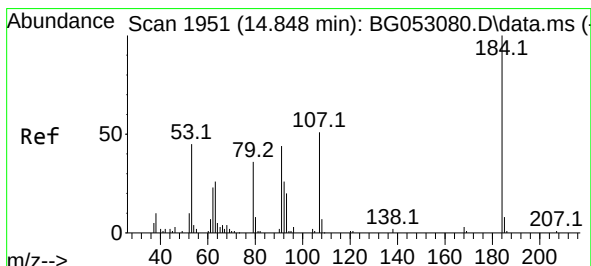
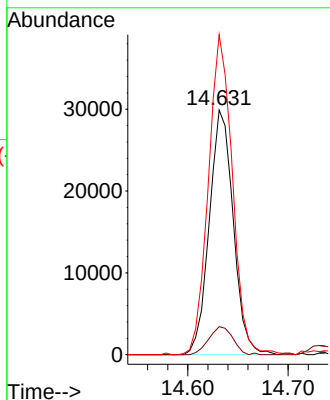
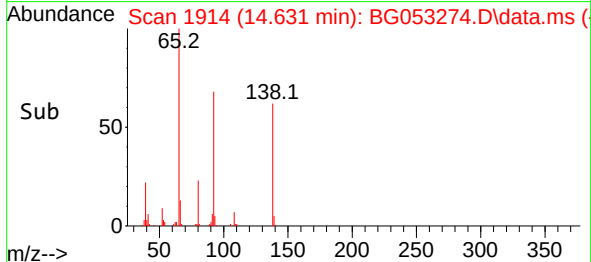
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:138 Resp: 4966
Ion Ratio Lower Upper
138 100
108 11.5 8.0 12.0
92 130.8 96.2 144.2

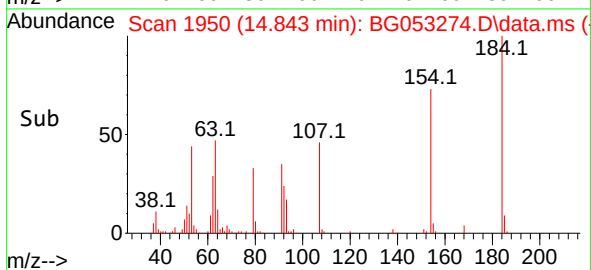
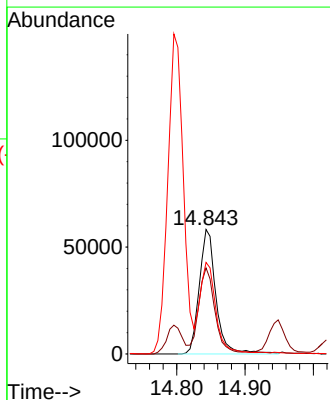
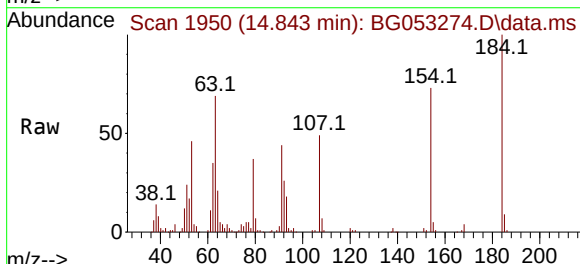
Manual Integrations
APPROVED

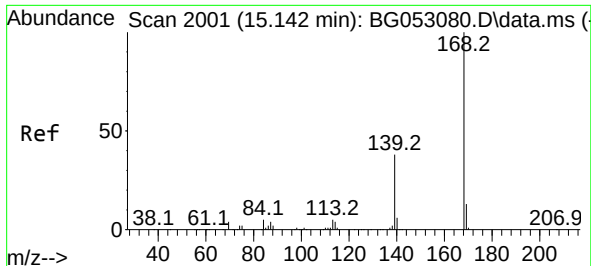
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#54
2,4-Dinitrophenol
Concen: 111.043 ng
RT: 14.843 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:184 Resp: 99185
Ion Ratio Lower Upper
184 100
63 69.1 51.8 77.6
154 73.5 47.8 71.6#





#55
Dibenzofuran
Concen: 50.850 ng
RT: 15.131 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

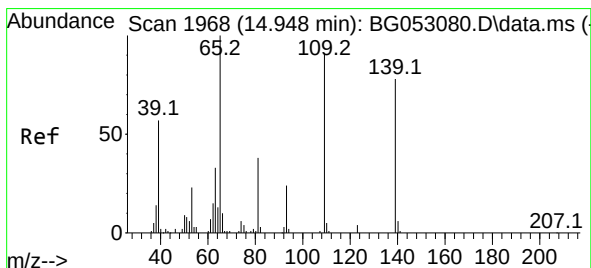
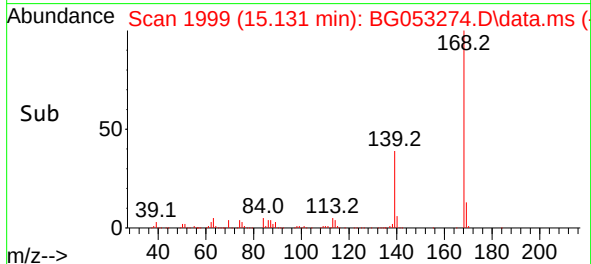
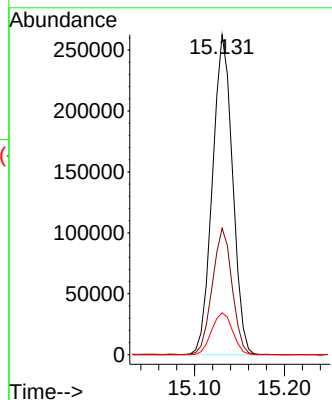
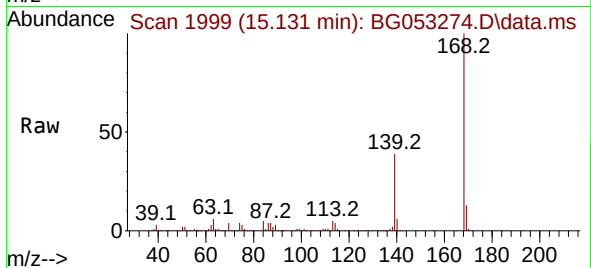
UST-1-WMSD

Tgt Ion:168 Resp: 40856
Ion Ratio Lower Upper
168 100
139 39.5 30.2 45.4
169 13.1 10.7 16.1

Manual Integrations

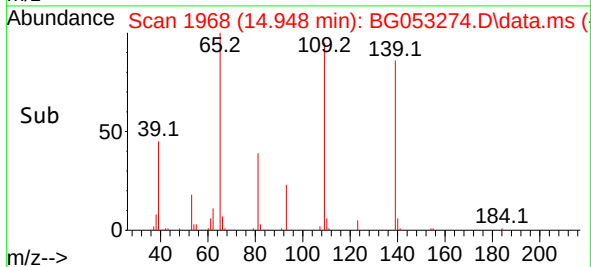
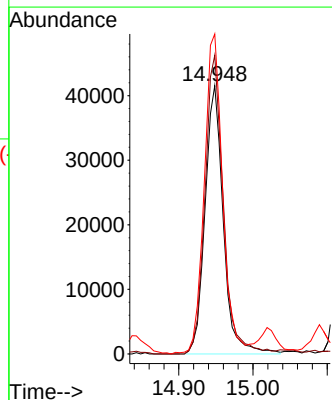
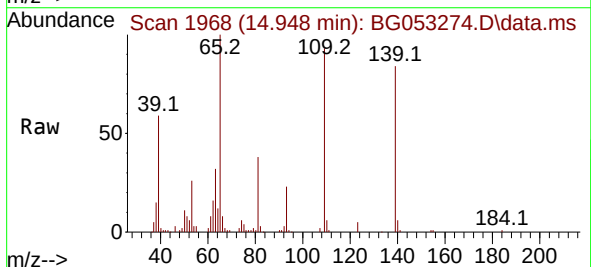
APPROVED

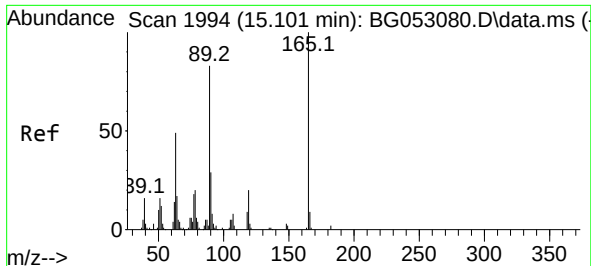
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#56
4-Nitrophenol
Concen: 62.924 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:139 Resp: 71236
Ion Ratio Lower Upper
139 100
109 111.3 67.1 107.1#
65 119.3 88.2 128.2





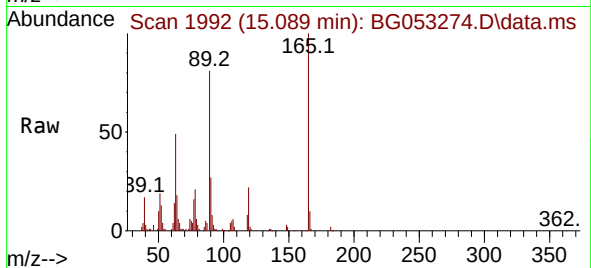
#57
2,4-Dinitrotoluene
Concen: 55.630 ng
RT: 15.089 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

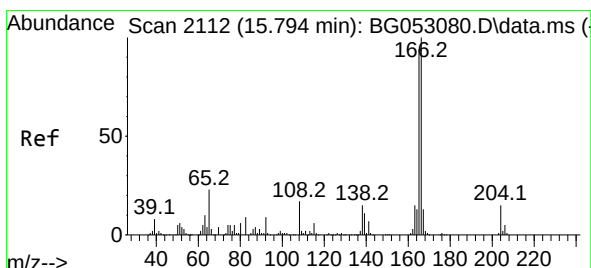
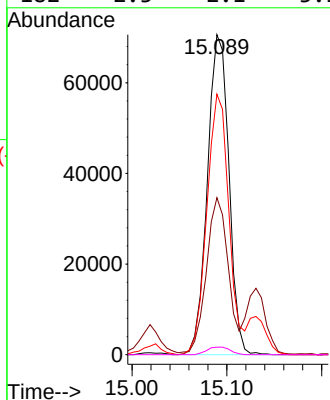
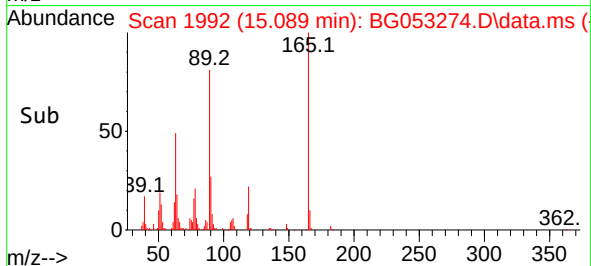


Tgt Ion:165 Resp: 11118
Ion Ratio Lower Upper
165 100
63 49.0 34.8 52.2
89 81.4 57.4 86.0
182 2.3 2.1 3.1

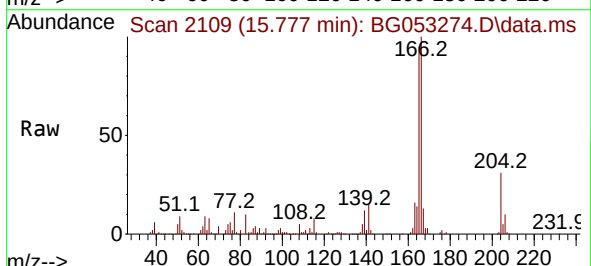
Manual Integrations

APPROVED

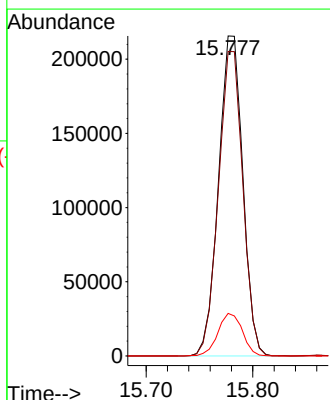
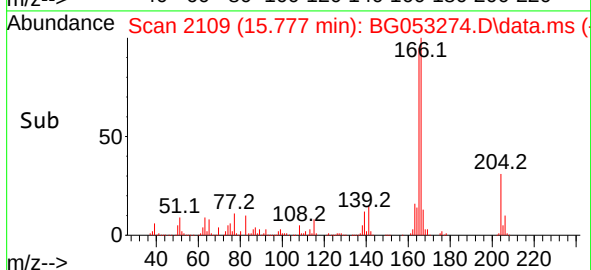
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

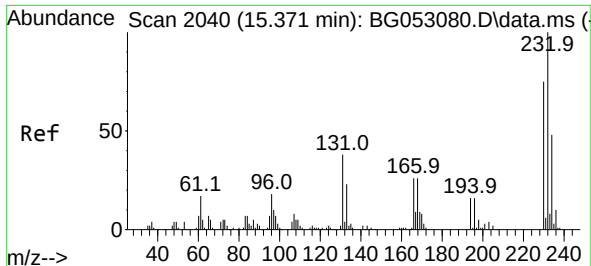


#58
Fluorene
Concen: 52.531 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



Tgt Ion:166 Resp: 340891
Ion Ratio Lower Upper
166 100
165 95.2 78.6 117.8
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.213 ng
RT: 15.360 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

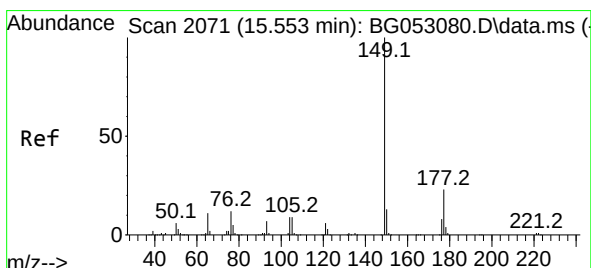
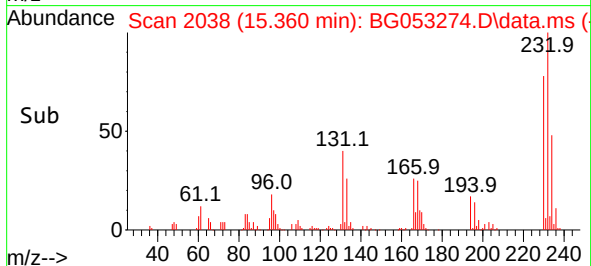
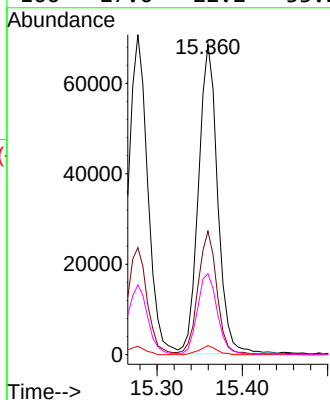
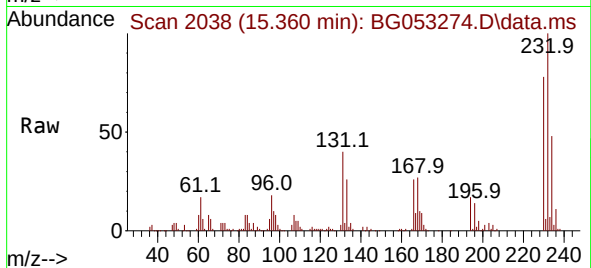
UST-1-WMSD

Tgt Ion:232 Resp: 106448
Ion Ratio Lower Upper
232 100
131 39.1 30.1 45.1
130 2.7 1.8 2.8
166 27.6 22.2 33.2

Manual Integrations

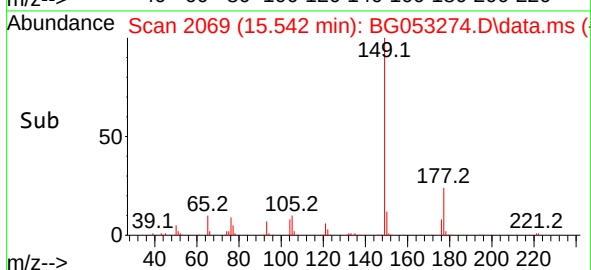
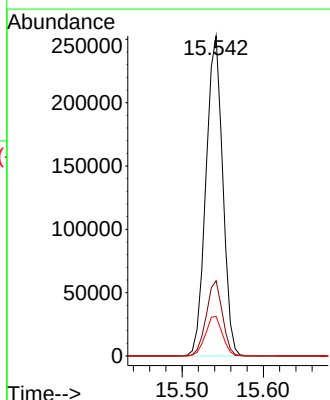
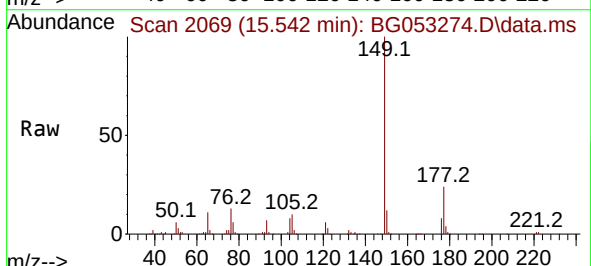
APPROVED

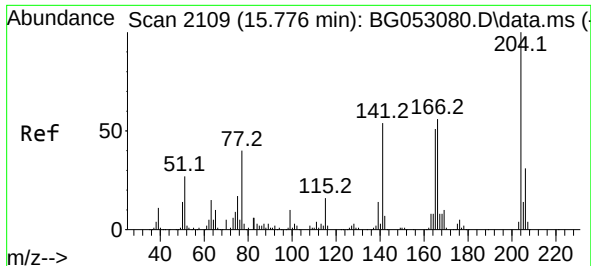
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#60
Diethylphthalate
Concen: 51.098 ng
RT: 15.542 min Scan# 2069
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

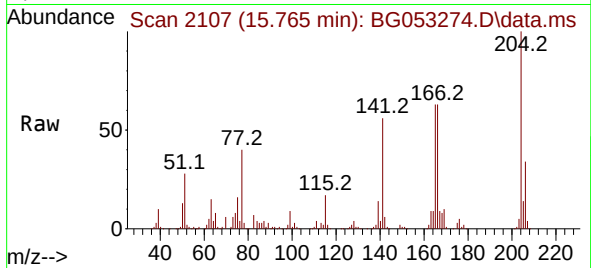
Tgt Ion:149 Resp: 360255
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 50.855 ng
RT: 15.765 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

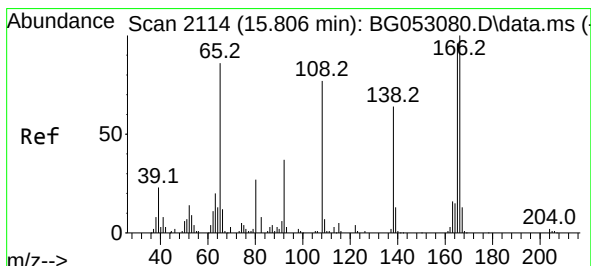
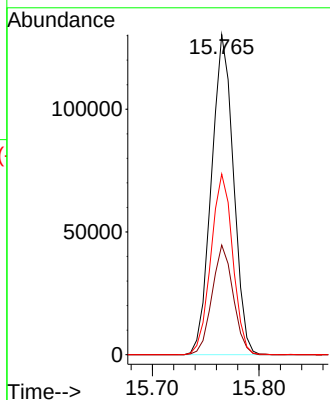
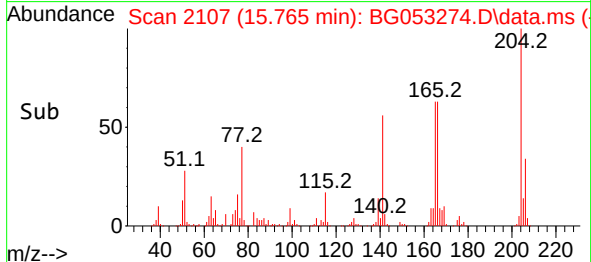
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:204 Resp: 187079
Ion Ratio Lower Upper
204 100
206 34.3 28.3 42.5
141 56.5 45.8 68.8

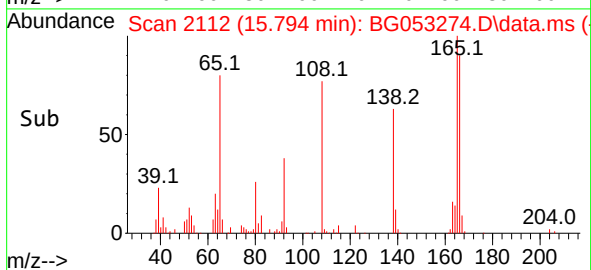
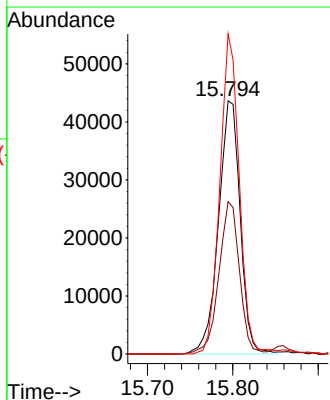
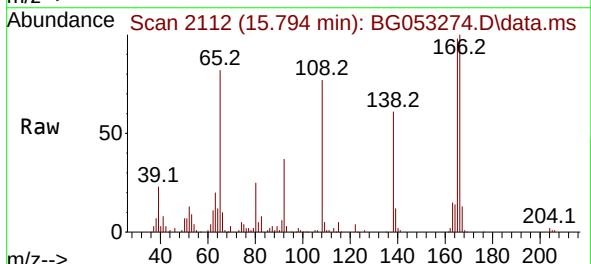
Manual Integrations
APPROVED

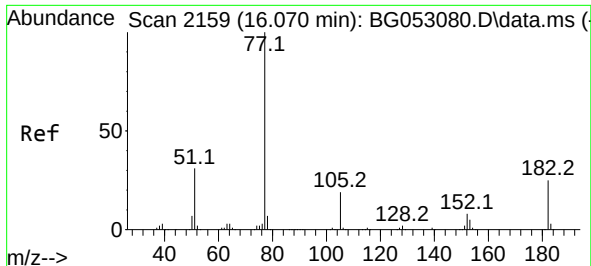
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#62
4-Nitroaniline
Concen: 49.274 ng
RT: 15.794 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:138 Resp: 77180
Ion Ratio Lower Upper
138 100
92 60.2 33.3 73.3
108 126.4 74.2 114.2#





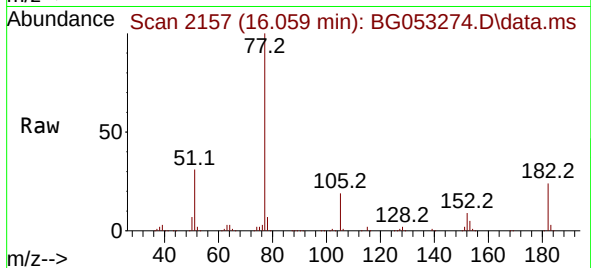
#63
Azobenzene
Concen: 50.224 ng
RT: 16.059 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

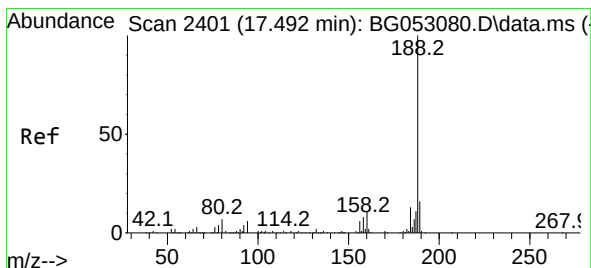
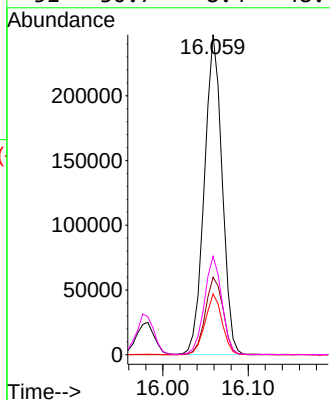
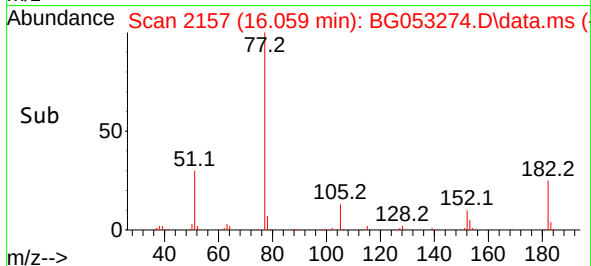


Tgt Ion: 77 Resp: 357010
Ion Ratio Lower Upper
77 100
182 24.2 5.6 45.6
105 19.0 0.0 38.8
51 30.7 8.4 48.4

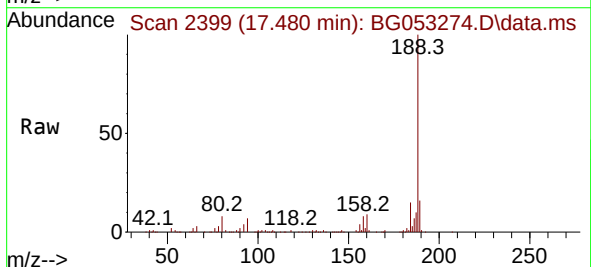
Manual Integrations

APPROVED

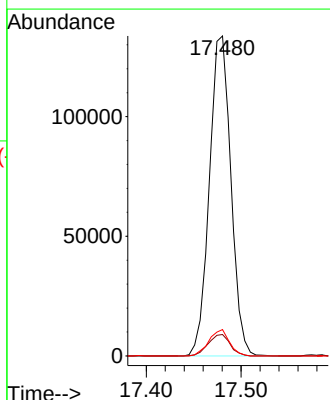
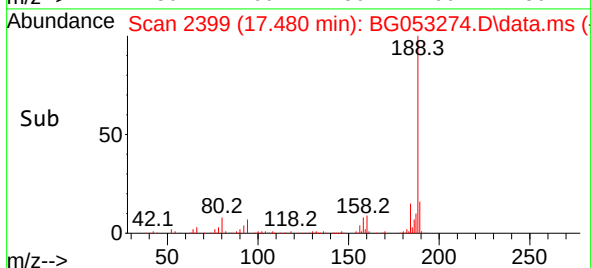
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

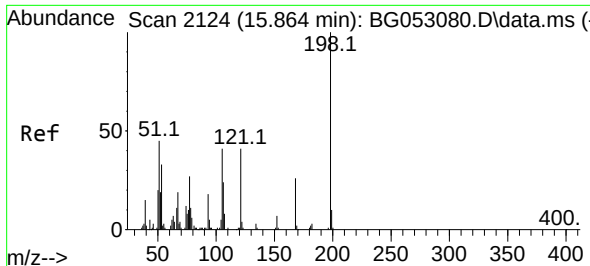


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



Tgt Ion:188 Resp: 210519
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 8.3 7.2 10.8





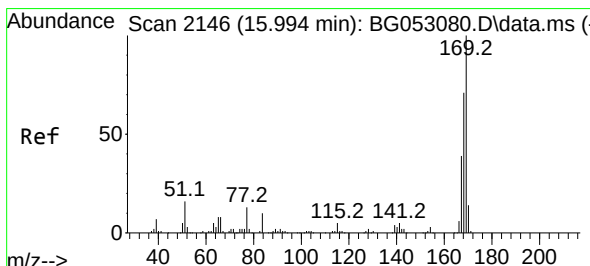
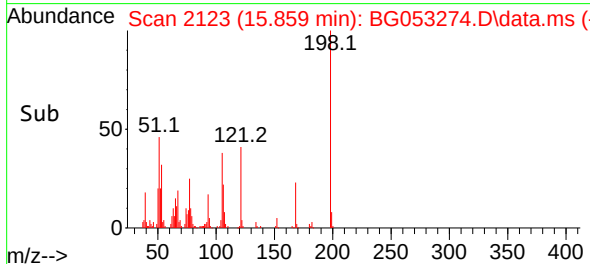
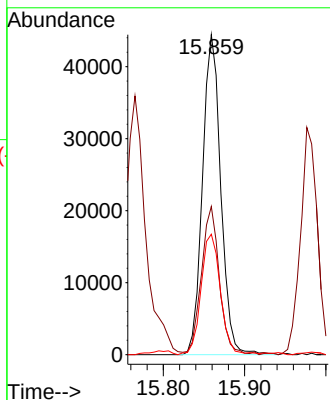
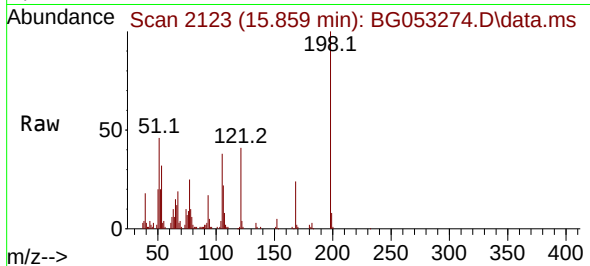
#65
4,6-Dinitro-2-methylphenol
Concen: 47.251 ng
RT: 15.859 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD

Tgt Ion:198 Resp: 69399
Ion Ratio Lower Upper
198 100
51 46.3 21.7 61.7
105 37.7 20.8 60.8

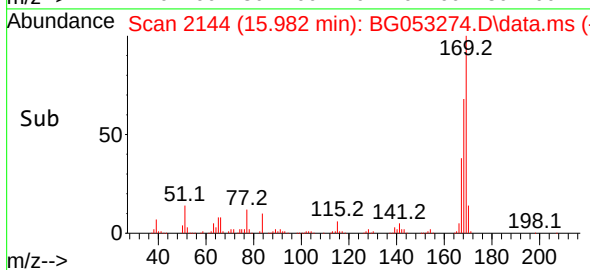
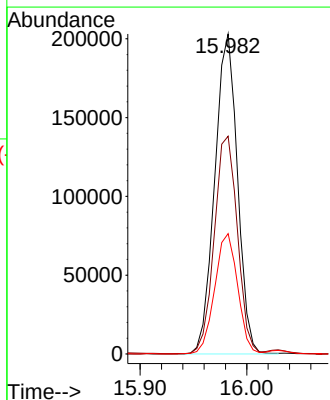
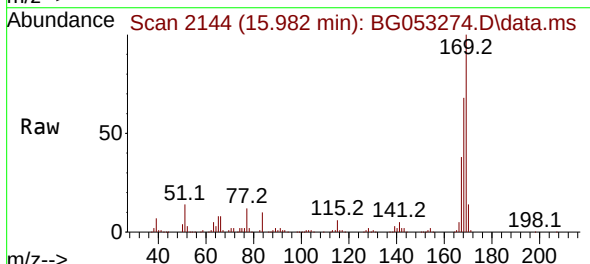
Manual Integrations
APPROVED

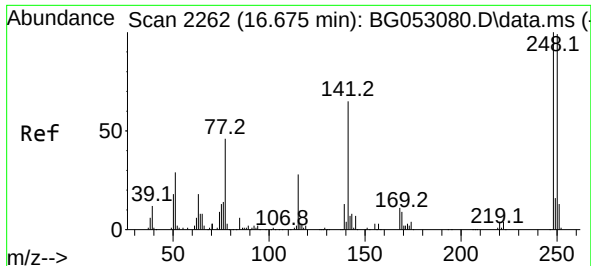
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#66
n-Nitrosodiphenylamine
Concen: 49.545 ng
RT: 15.982 min Scan# 2144
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:169 Resp: 299939
Ion Ratio Lower Upper
169 100
168 68.0 54.5 81.7
167 37.6 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 51.186 ng
RT: 16.658 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

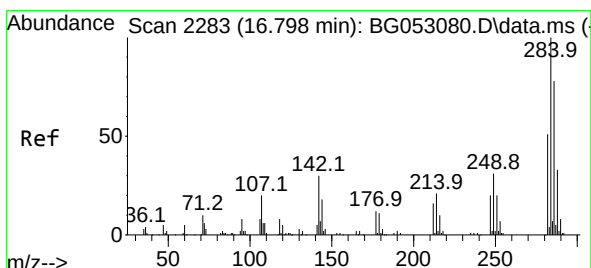
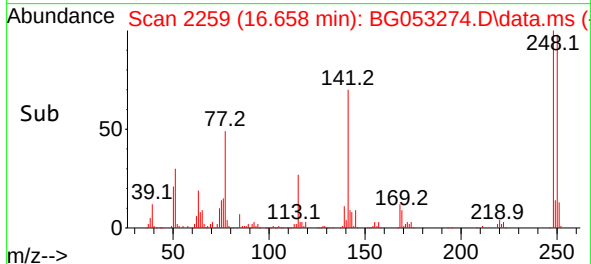
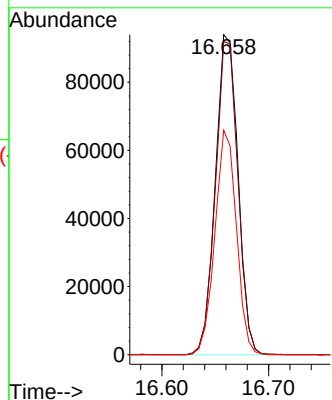
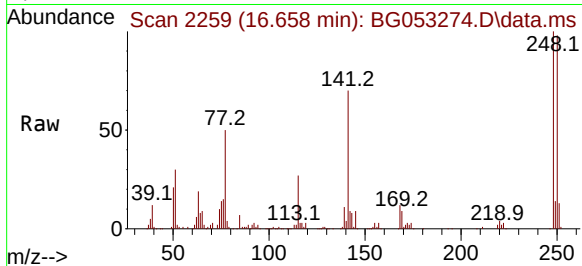
UST-1-WMSD

Tgt Ion:248 Resp: 138074
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 70.1 49.2 73.8

Manual Integrations

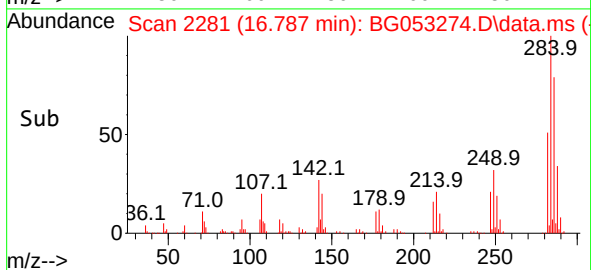
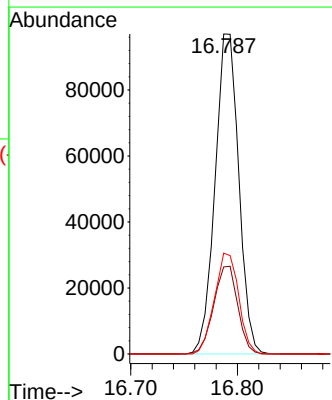
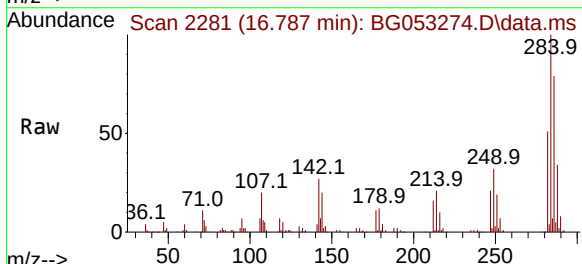
APPROVED

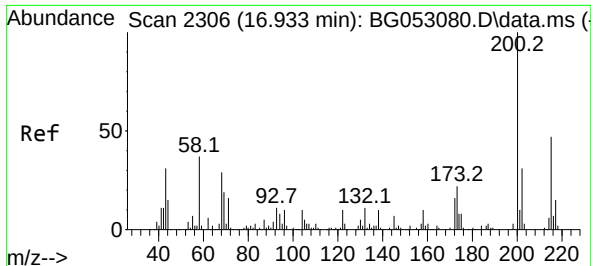
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#68
Hexachlorobenzene
Concen: 51.153 ng
RT: 16.787 min Scan# 2281
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:284 Resp: 149431
Ion Ratio Lower Upper
284 100
142 27.2 21.0 31.4
249 31.5 22.7 34.1





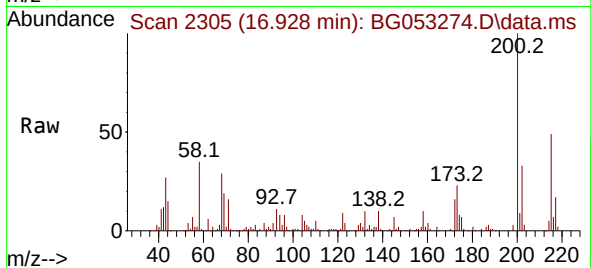
#69
 Atrazine
 Concen: 56.621 ng
 RT: 16.928 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053274.D
 Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

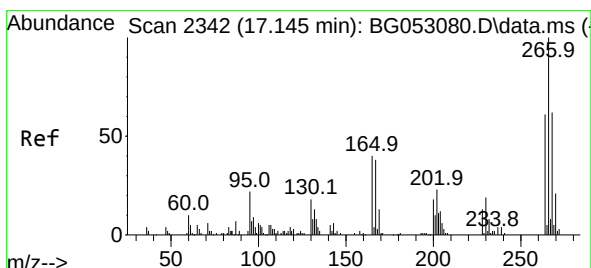
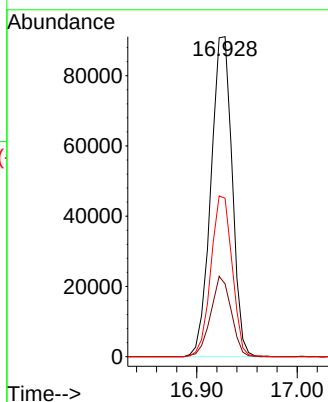
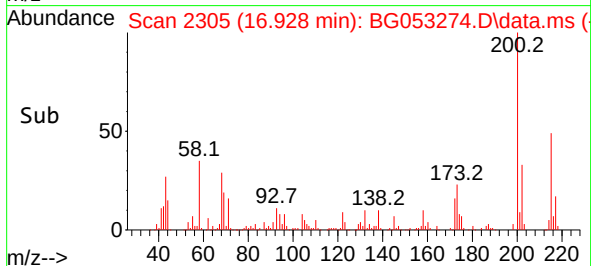


Tgt Ion:200 Resp: 133894
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.8 43.8
 215 49.5 26.3 66.3

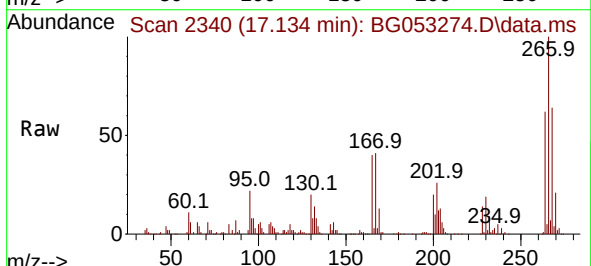
Manual Integrations

APPROVED

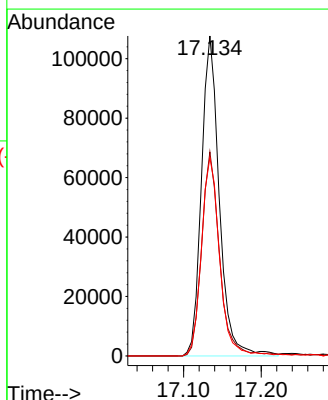
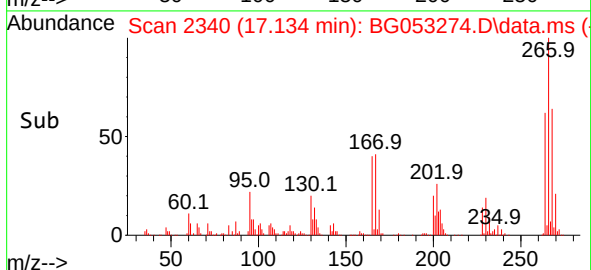
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

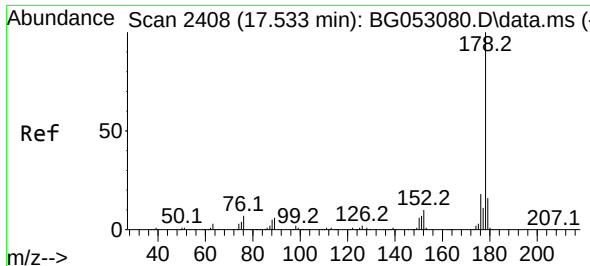


#70
 Pentachlorophenol
 Concen: 107.928 ng
 RT: 17.134 min Scan# 2340
 Delta R.T. -0.003 min
 Lab File: BG053274.D
 Acq: 22 Apr 2022 23:30



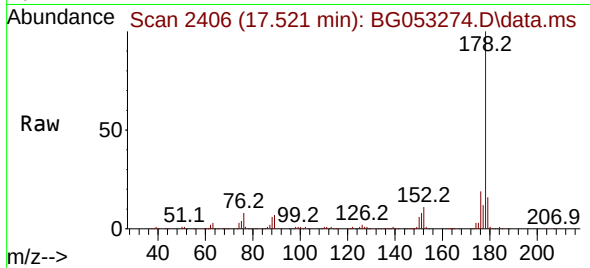
Tgt Ion:266 Resp: 172311
 Ion Ratio Lower Upper
 266 100
 268 63.7 45.9 68.9
 264 62.0 45.3 67.9





#71
Phenanthrene
Concen: 51.019 ng
RT: 17.521 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

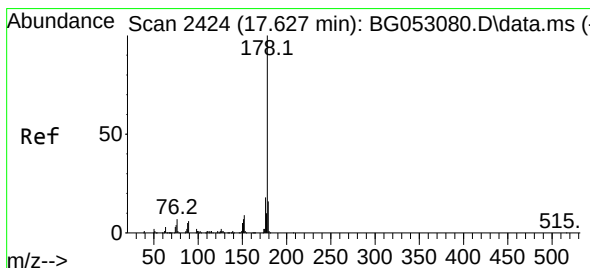
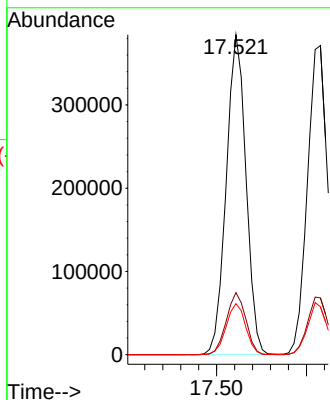
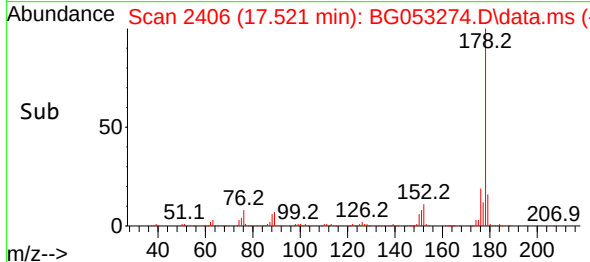
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:178 Resp: 586660
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.9 13.4 20.2

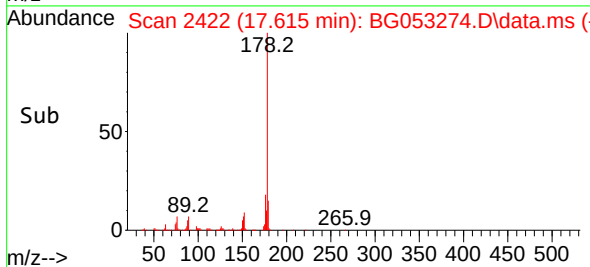
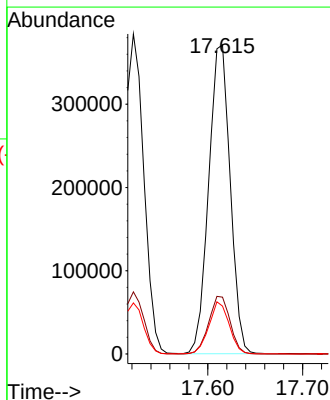
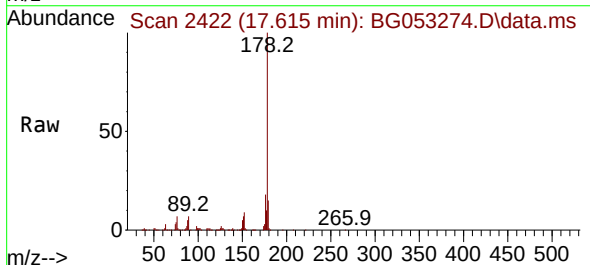
Manual Integrations
APPROVED

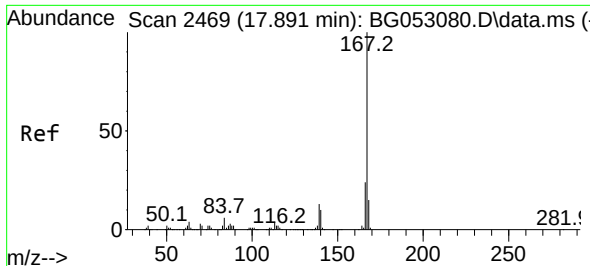
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#72
Anthracene
Concen: 51.263 ng
RT: 17.615 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

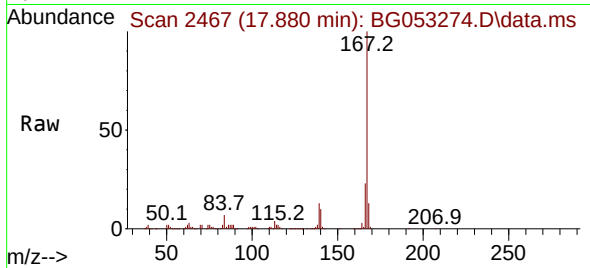
Tgt Ion:178 Resp: 583978
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 13.2 19.8





#73
Carbazole
Concen: 48.366 ng
RT: 17.880 min Scan# 2469
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

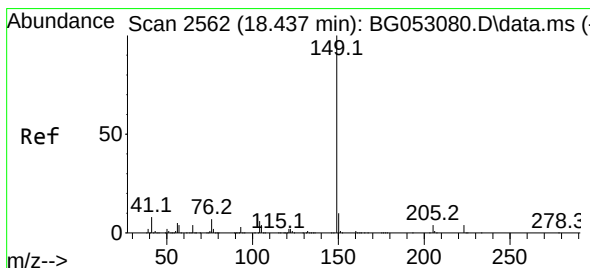
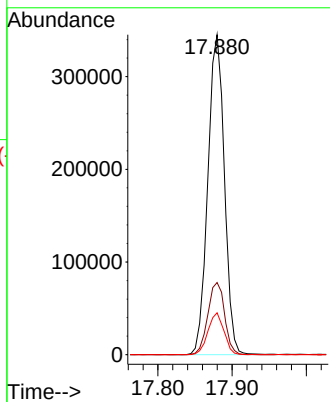
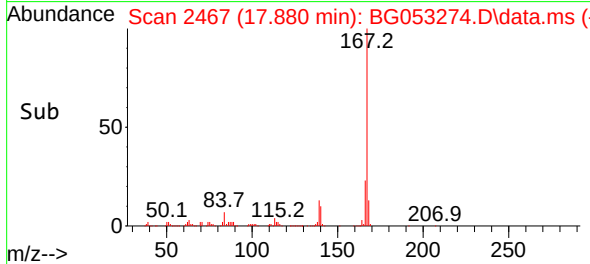
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



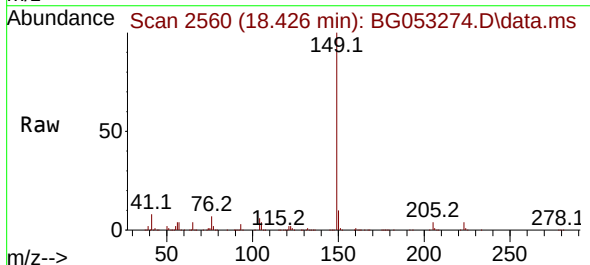
Tgt Ion:167 Resp: 53558
Ion Ratio Lower Upper
167 100
166 22.6 18.5 27.7
139 13.1 10.0 15.0

Manual Integrations
APPROVED

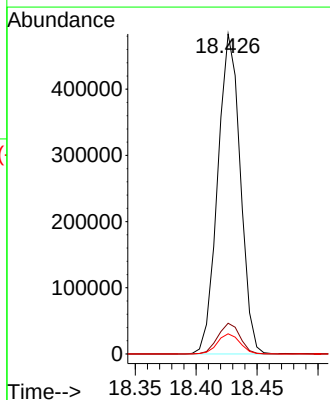
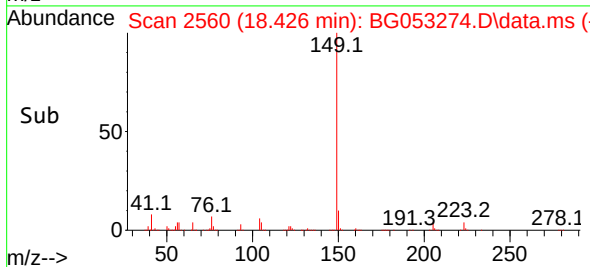
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

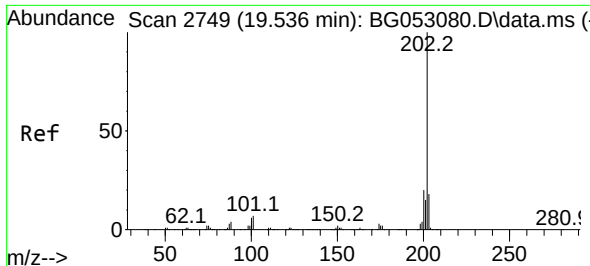


#74
Di-n-butylphthalate
Concen: 49.717 ng
RT: 18.426 min Scan# 2560
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



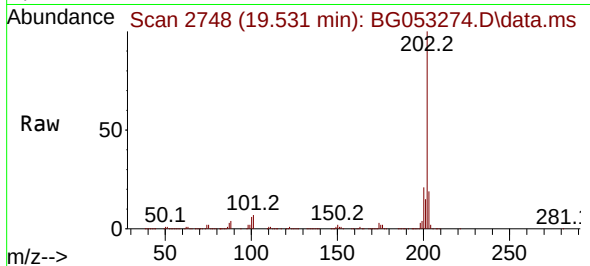
Tgt Ion:149 Resp: 624397
Ion Ratio Lower Upper
149 100
150 9.6 7.0 10.6
104 6.3 4.6 7.0





#75
Fluoranthene
Concen: 48.988 ng
RT: 19.531 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

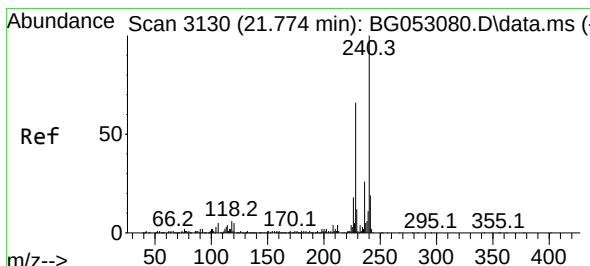
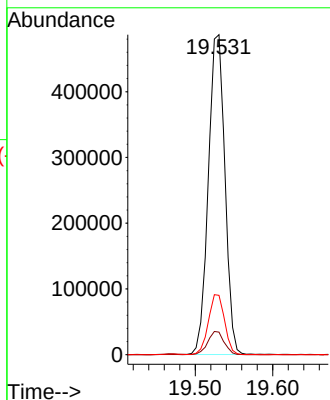
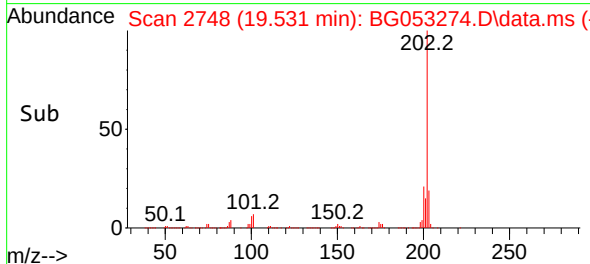
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:202 Resp: 722069
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 18.6 0.0 37.7

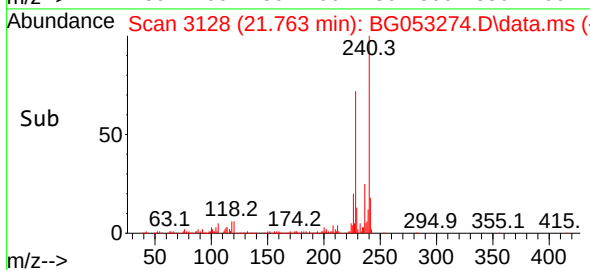
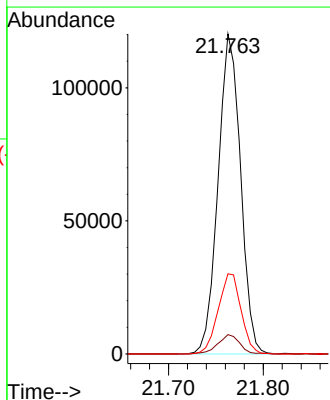
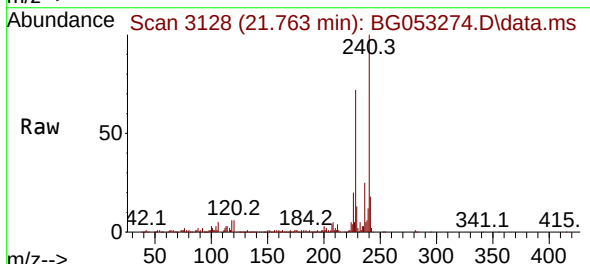
Manual Integrations
APPROVED

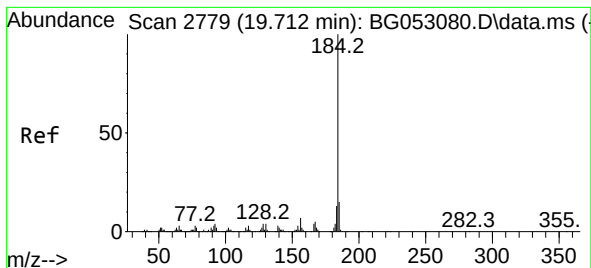
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:240 Resp: 198075
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 25.1 19.8 29.6





#77

Benzidine

Concen: 33.970 ng

RT: 19.701 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

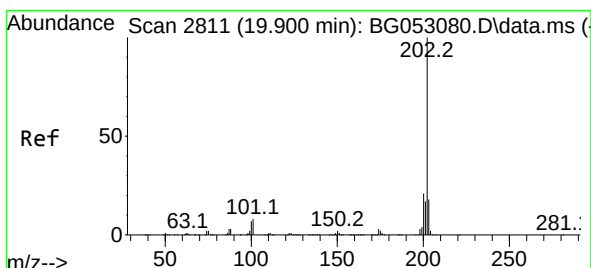
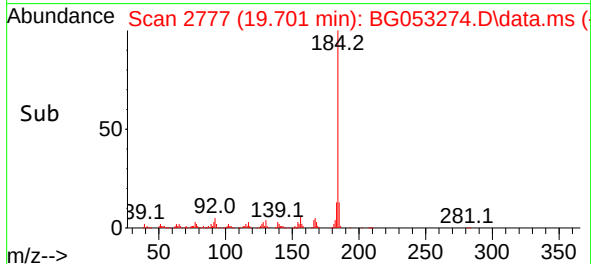
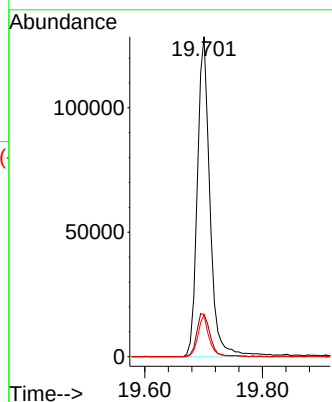
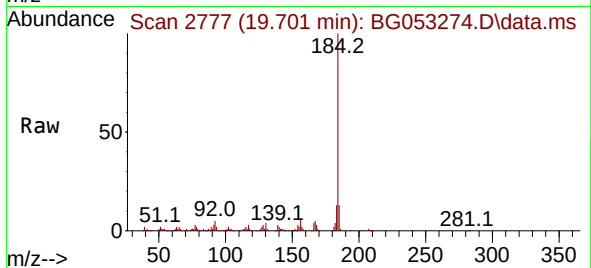
UST-1-WMSD

Tgt Ion:184 Resp: 19197
 Ion Ratio Lower Upper
 184 100
 185 13.2 11.5 17.3
 183 13.1 9.4 14.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 52.144 ng

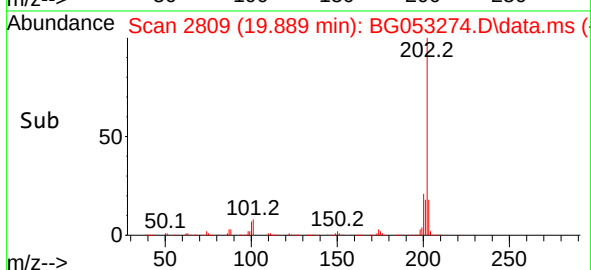
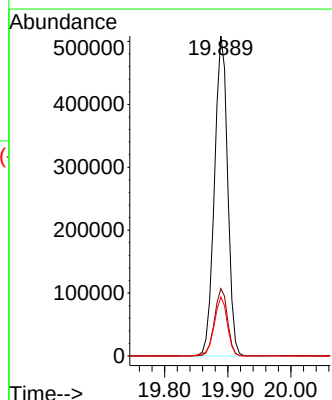
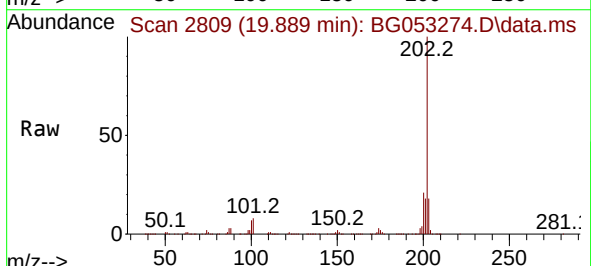
RT: 19.889 min Scan# 2809

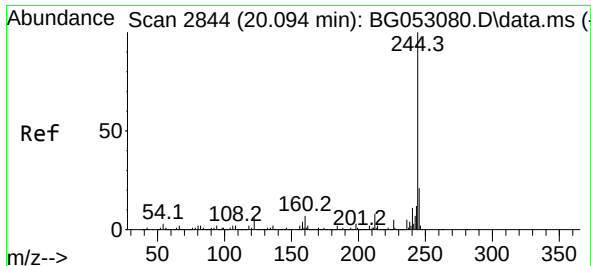
Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

Tgt Ion:202 Resp: 735595
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.6
 203 18.4 15.0 22.6





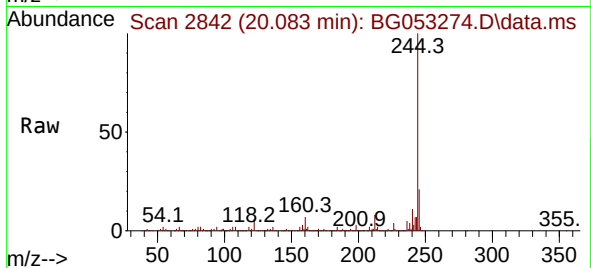
#79
Terphenyl-d14
Concen: 93.568 ng
RT: 20.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

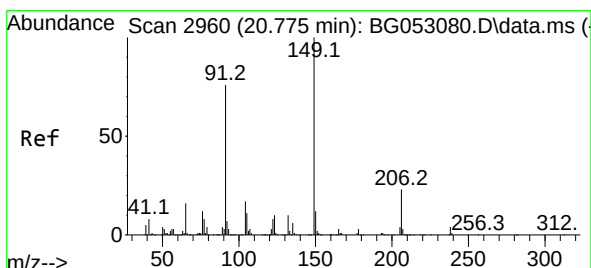
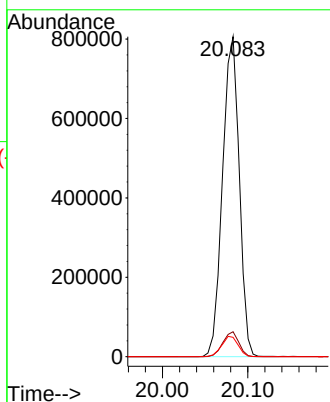
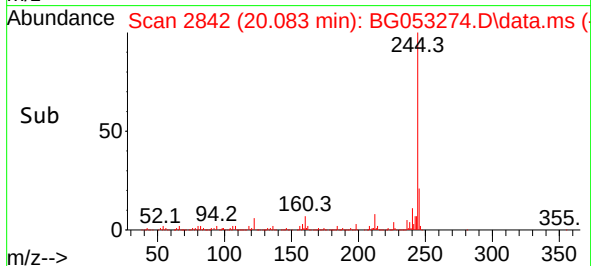


Tgt Ion:244 Resp: 1097370
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.1 5.8 8.6

Manual Integrations

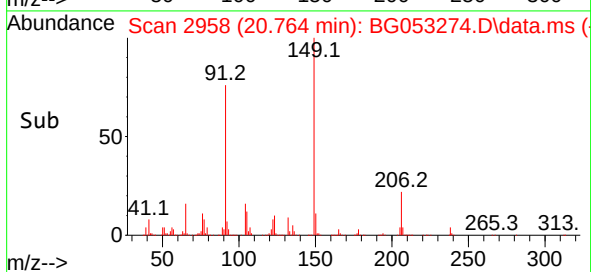
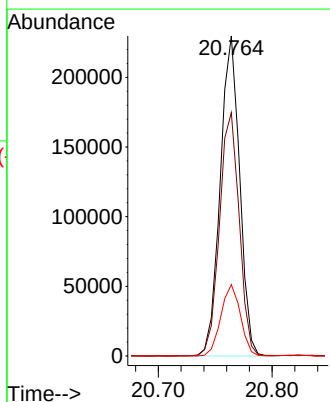
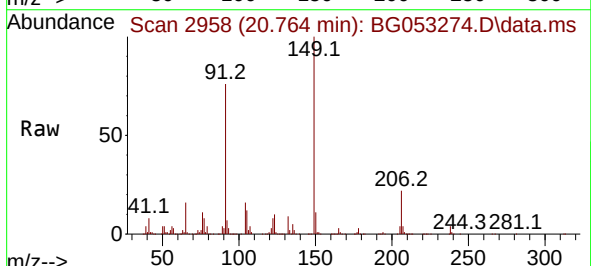
APPROVED

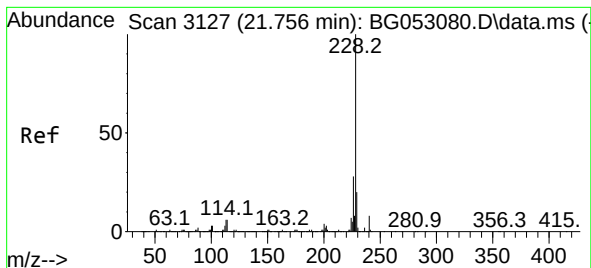
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#80
Butylbenzylphthalate
Concen: 51.849 ng
RT: 20.764 min Scan# 2958
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:149 Resp: 272687
Ion Ratio Lower Upper
149 100
91 76.1 60.2 90.4
206 22.3 19.4 29.2





#81

Benzo(a)anthracene

Concen: 52.765 ng

RT: 21.745 min Scan# 3109

Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

UST-1-WMSD

Tgt Ion:228 Resp: 714589

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.0

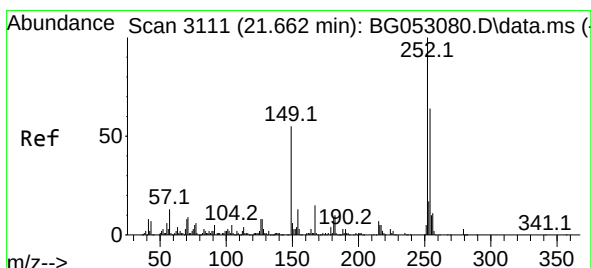
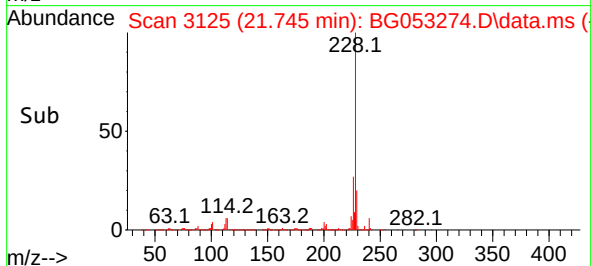
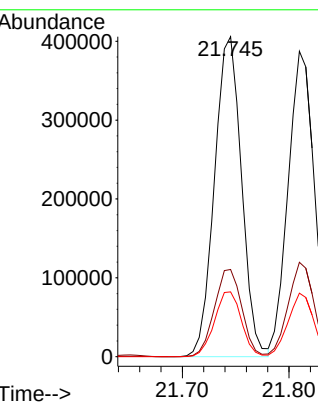
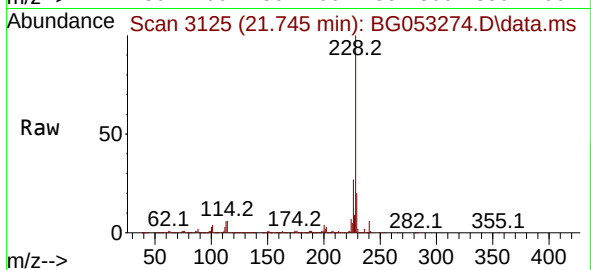
229 20.3 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#82

3,3'-Dichlorobenzidine

Concen: 37.647 ng

RT: 21.651 min Scan# 3109

Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

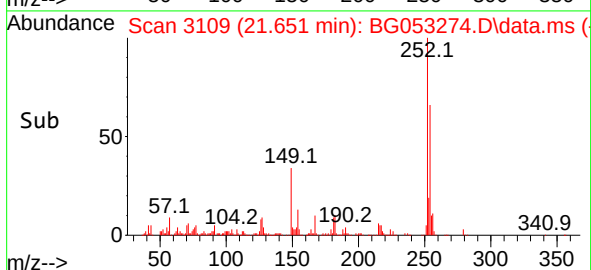
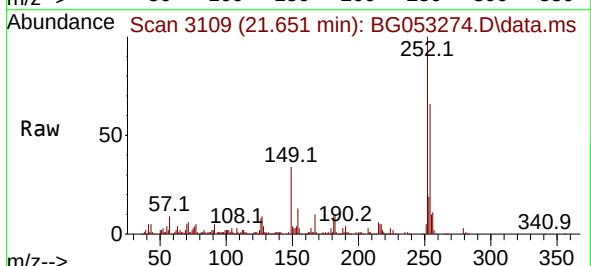
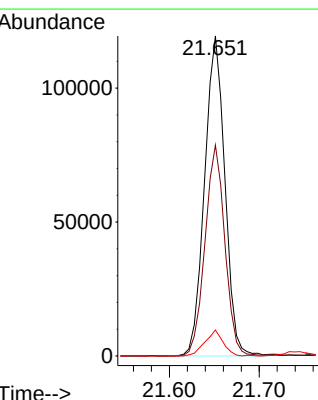
Tgt Ion:252 Resp: 187504

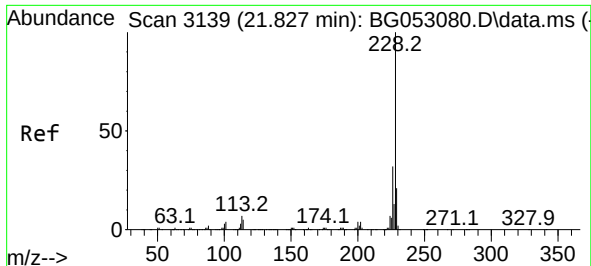
Ion Ratio Lower Upper

252 100

254 65.9 51.2 76.8

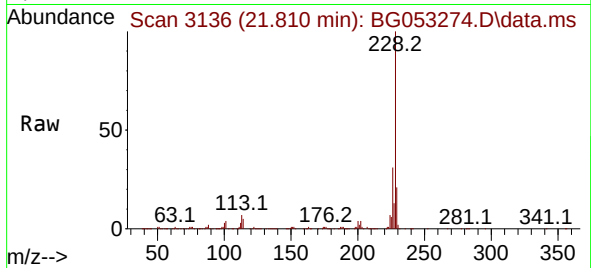
126 8.1 5.8 8.8





#83
Chrysene
Concen: 52.224 ng
RT: 21.810 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

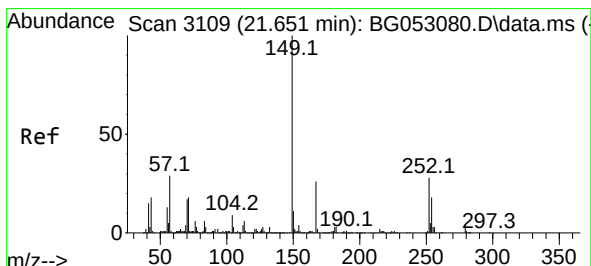
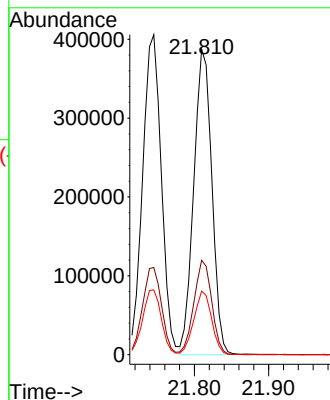
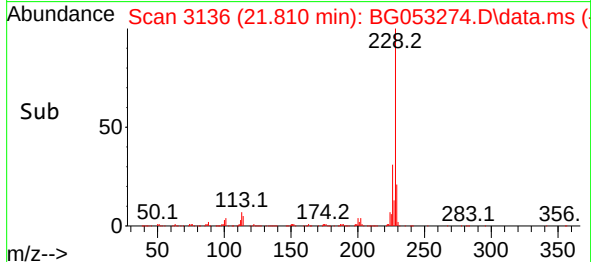
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:228 Resp: 656394
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 20.8 16.3 24.5

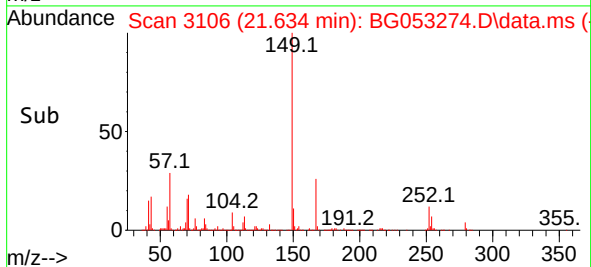
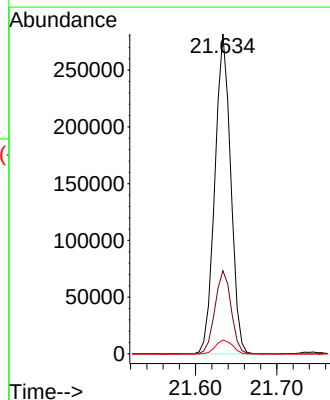
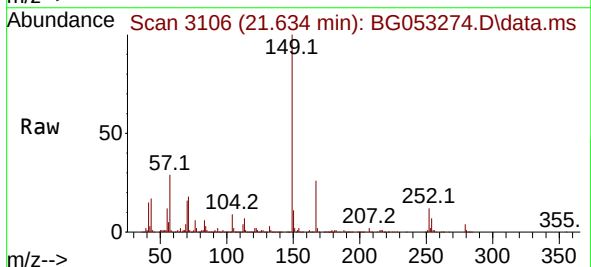
Manual Integrations
APPROVED

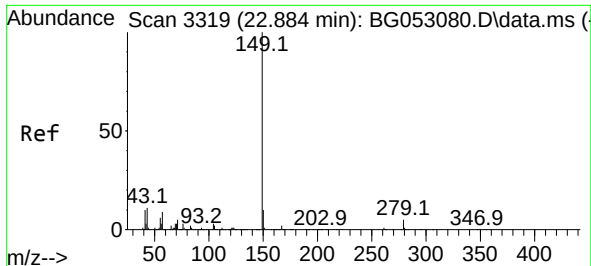
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.744 ng
RT: 21.634 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:149 Resp: 382067
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.2
279 4.4 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 54.017 ng
RT: 22.867 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

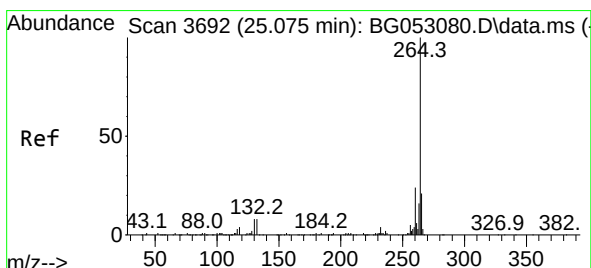
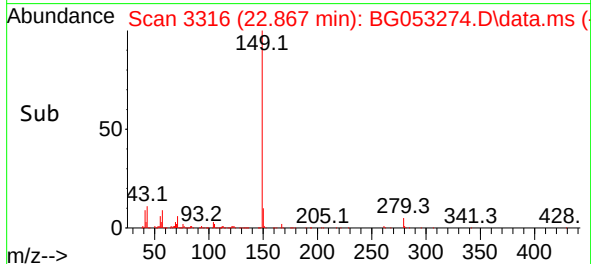
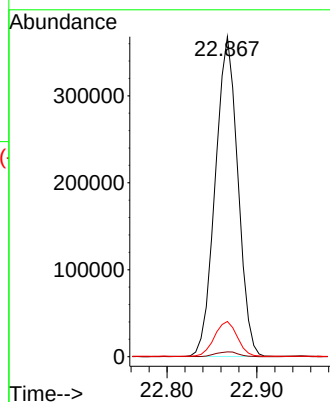
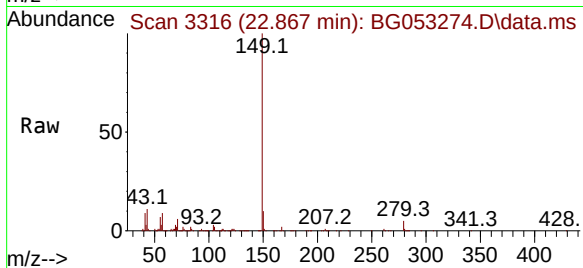
UST-1-WMSD

Tgt Ion:149 Resp: 64223
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 7.6 11.4

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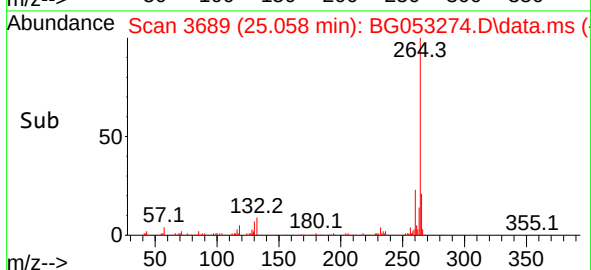
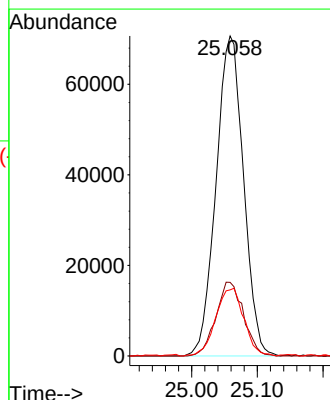
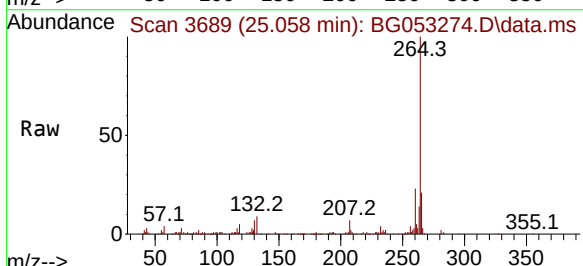
APPROVED

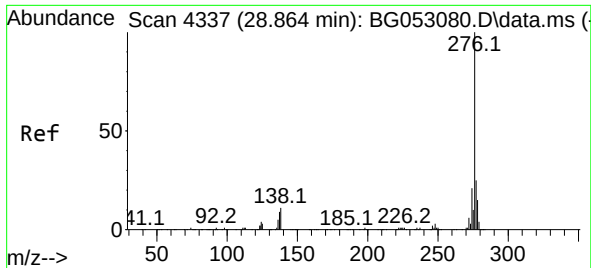
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.058 min Scan# 3689
Delta R.T. -0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

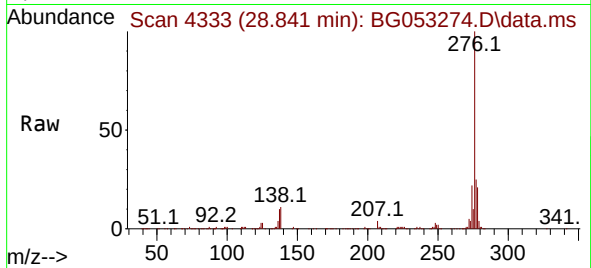
Tgt Ion:264 Resp: 205143
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.2
265 20.6 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.261 ng
RT: 28.841 min Scan# 4333
Delta R.T. -0.009 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

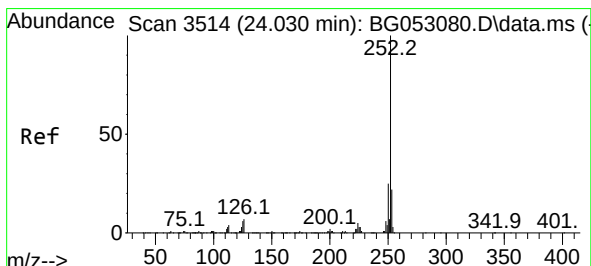
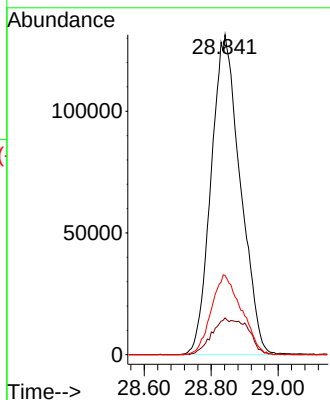
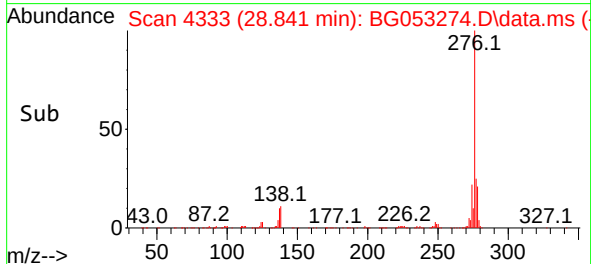
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



Tgt Ion:276 Resp: 79651
Ion Ratio Lower Upper
276 100
138 6.8 8.7 13.1
277 25.7 20.2 30.4

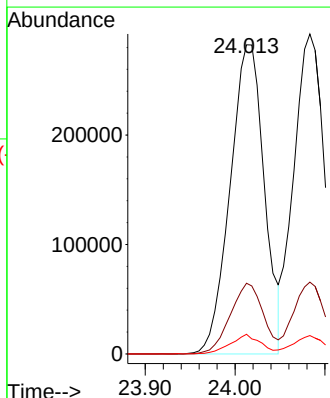
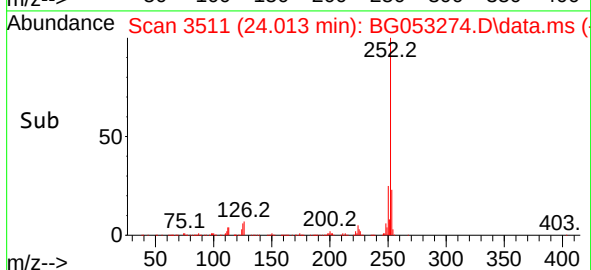
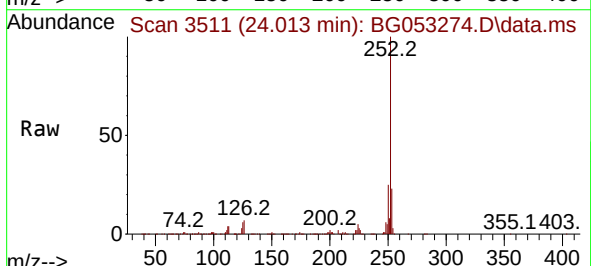
Manual Integrations
APPROVED

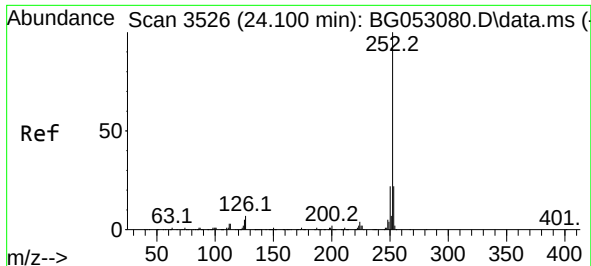
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#88
Benzo(b)fluoranthene
Concen: 57.734 ng
RT: 24.013 min Scan# 3511
Delta R.T. -0.009 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

Tgt Ion:252 Resp: 747265
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 6.3 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 55.148 ng

RT: 24.083 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

Instrument :

BNA_G

ClientSampleId :

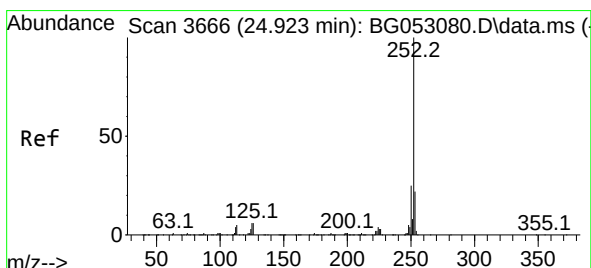
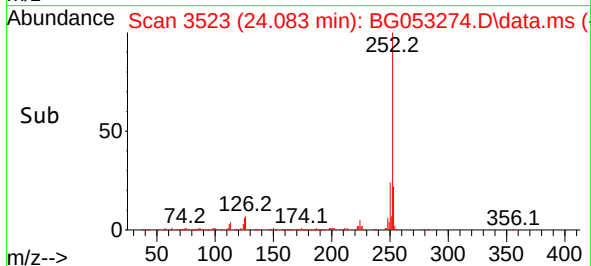
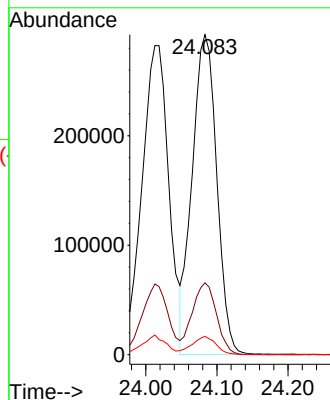
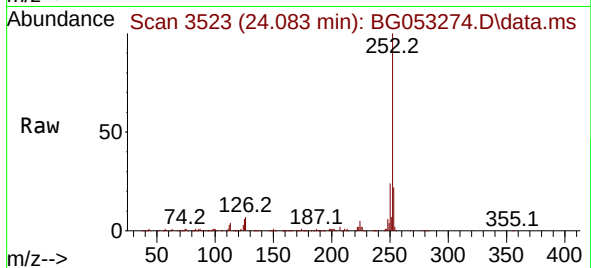
UST-1-WMSD

Tgt Ion:252 Resp: 70152
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 5.7 5.0 7.4

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 63.831 ng

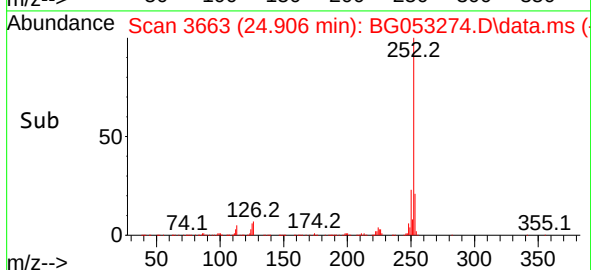
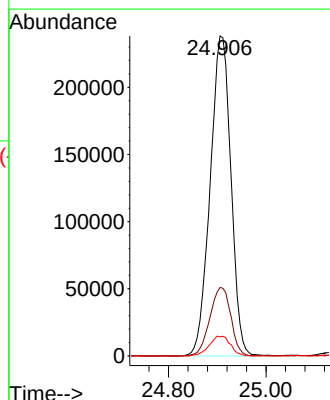
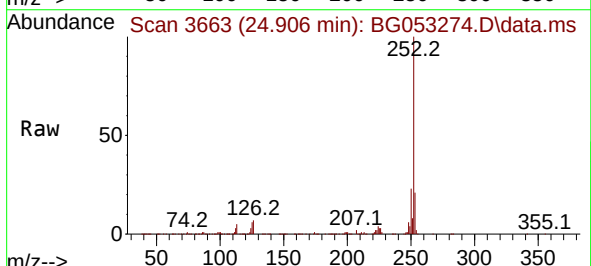
RT: 24.906 min Scan# 3663

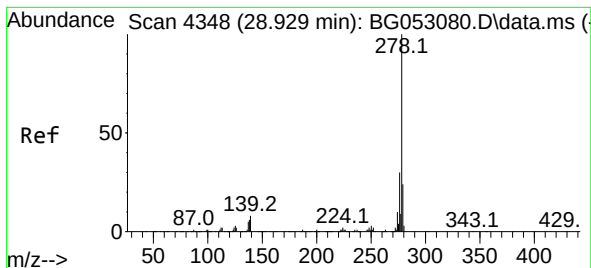
Delta R.T. -0.009 min

Lab File: BG053274.D

Acq: 22 Apr 2022 23:30

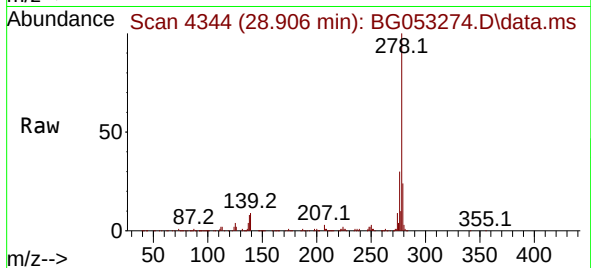
Tgt Ion:252 Resp: 703839
 Ion Ratio Lower Upper
 252 100
 253 21.4 18.4 27.6
 125 6.0 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 54.788 ng
RT: 28.906 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30

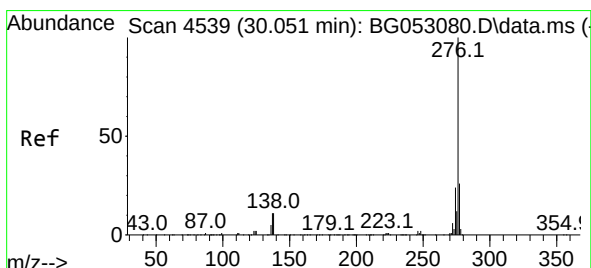
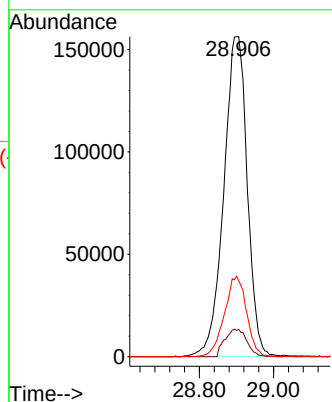
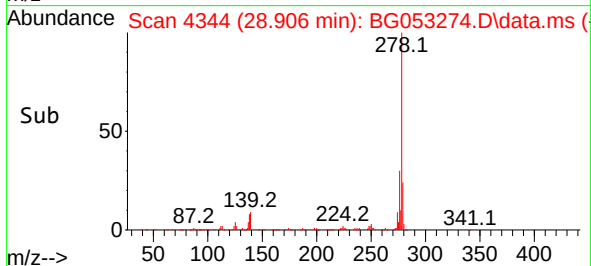
Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD



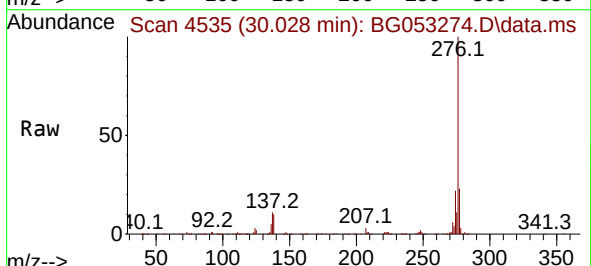
Tgt Ion:278 Resp: 68727
Ion Ratio Lower Upper
278 100
139 8.6 7.8 11.6
279 23.7 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 56.471 ng
RT: 30.028 min Scan# 4535
Delta R.T. -0.009 min
Lab File: BG053274.D
Acq: 22 Apr 2022 23:30



Tgt Ion:276 Resp: 698200
Ion Ratio Lower Upper
276 100
277 23.3 18.2 27.2
138 10.5 9.1 13.7

