

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055763.D
 Acq On : 23 Nov 2022 20:16
 Operator : CG/JU
 Sample : PB149128BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149128BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/25/2022
 Supervised By : Jagrut Upadhyay 11/25/2022

Quant Time: Nov 24 06:09:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	28095	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	125795	20.000	ng	0.00
39) Acenaphthene-d10	14.864	164	100509	20.000	ng	0.00
64) Phenanthrene-d10	17.602	188	243510	20.000	ng	0.00
76) Chrysene-d12	21.897	240	234950	20.000	ng	0.00
86) Perylene-d12	25.299	264	248856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.769	112	246808	158.786	ng	0.00
7) Phenol-d6	7.385	99	327348	158.210	ng	0.00
23) Nitrobenzene-d5	9.412	82	199153	83.677	ng	0.00
42) 2,4,6-Tribromophenol	16.345	330	203141	143.532	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	547736	81.642	ng	0.00
79) Terphenyl-d14	20.188	244	1054342	89.756	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.595	88	23774	35.791	ng	98
3) Pyridine	4.007	79	67030	32.894	ng	98
4) n-Nitrosodimethylamine	3.918	42	44938	41.653	ng	94
6) Aniline	7.549	93	90150	34.689	ng	99
8) 2-Chlorophenol	7.796	128	93358	52.540	ng	98
9) Benzaldehyde	7.361	77	50016	35.594	ng	97
10) Phenol	7.414	94	119298	51.494	ng	99
11) bis(2-Chloroethyl)ether	7.643	93	80238	45.193	ng	98
12) 1,3-Dichlorobenzene	8.125	146	92696	44.371	ng	95
13) 1,4-Dichlorobenzene	8.272	146	92375	43.758	ng	99
14) 1,2-Dichlorobenzene	8.595	146	91711	45.335	ng	96
15) Benzyl Alcohol	8.472	79	84057m	49.987	ng	
16) 2,2'-oxybis(1-Chloropr...	8.760	45	145783	45.358	ng	99
17) 2-Methylphenol	8.678	107	84311	51.259	ng	98
18) Hexachloroethane	9.330	117	32803	45.146	ng	98
19) n-Nitroso-di-n-propyla...	9.042	70	73426	46.187	ng	98
20) 3+4-Methylphenols	9.001	107	119197	51.878	ng	99
22) Acetophenone	9.065	105	140491	42.980	ng	# 99
24) Nitrobenzene	9.453	77	106064	42.665	ng	99
25) Isophorone	9.970	82	209258	46.404	ng	98
26) 2-Nitrophenol	10.170	139	54577	47.557	ng	96
27) 2,4-Dimethylphenol	10.217	122	98468m	56.376	ng	
28) bis(2-Chloroethoxy)met...	10.452	93	119585	49.397	ng	99
29) 2,4-Dichlorophenol	10.710	162	106238	50.818	ng	99
30) 1,2,4-Trichlorobenzene	10.922	180	104416	42.991	ng	99
31) Naphthalene	11.116	128	287387	42.261	ng	99
32) Benzoic acid	10.364	122	57775	40.205	ng	97
33) 4-Chloroaniline	11.216	127	45141	16.092	ng	100
34) Hexachlorobutadiene	11.392	225	70571	42.553	ng	98
35) Caprolactam	11.991	113	35896m	49.618	ng	
36) 4-Chloro-3-methylphenol	12.326	107	116895	50.874	ng	98
37) 2-Methylnaphthalene	12.708	142	223662	43.927	ng	100
38) 1-Methylnaphthalene	12.920	142	212314	42.953	ng	98
40) 1,2,4,5-Tetrachloroben...	13.067	216	134809	42.681	ng	99
41) Hexachlorocyclopentadiene	13.043	237	157910	99.195	ng	99
43) 2,4,6-Trichlorophenol	13.302	196	95730	44.431	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.378	196	105364	44.500	ng	97
46) 1,1'-Biphenyl	13.695	154	314631	42.957	ng	98
47) 2-Chloronaphthalene	13.748	162	238966	41.976	ng	98
48) 2-Nitroaniline	13.942	65	81852	43.732	ng	97
49) Acenaphthylene	14.588	152	403653	43.058	ng	99
50) Dimethylphthalate	14.306	163	348291	43.470	ng	98
51) 2,6-Dinitrotoluene	14.430	165	75586	46.139	ng	98
52) Acenaphthene	14.929	154	295410m	48.215	ng	
53) 3-Nitroaniline	14.759	138	40011	22.248	ng	97
54) 2,4-Dinitrophenol	14.970	184	93038	98.775	ng	99
55) Dibenzofuran	15.258	168	404993	42.848	ng	99
56) 4-Nitrophenol	15.070	139	122698	86.929	ng	98
57) 2,4-Dinitrotoluene	15.217	165	109243	47.296	ng	94
58) Fluorene	15.904	166	324710	43.013	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.481	232	102859	44.834	ng	98
60) Diethylphthalate	15.658	149	349361	43.128	ng	99
61) 4-Chlorophenyl-phenylether	15.887	204	184970	44.574	ng	98
62) 4-Nitroaniline	15.922	138	77447	41.197	ng	99
63) Azobenzene	16.181	77	300836	42.539	ng	99
65) 4,6-Dinitro-2-methylph...	15.981	198	65811	48.400	ng	94
66) n-Nitrosodiphenylamine	16.104	169	299788	44.672	ng	100
67) 4-Bromophenyl-phenylether	16.780	248	124307	44.803	ng	99
68) Hexachlorobenzene	16.909	284	139542	45.358	ng	98
69) Atrazine	17.038	200	128577	48.444	ng	98
70) Pentachlorophenol	17.250	266	160008	85.021	ng	98
71) Phenanthrene	17.649	178	562019	42.769	ng	99
72) Anthracene	17.738	178	572119	44.809	ng	100
73) Carbazole	18.002	167	512744	44.671	ng	99
74) Di-n-butylphthalate	18.537	149	614931	43.145	ng	100
75) Fluoranthene	19.641	202	682914	42.717	ng	100
77) Benzidine	19.812	184	205951	37.890	ng	98
78) Pyrene	20.005	202	691492	43.481	ng	100
80) Butylbenzylphthalate	20.869	149	268755	43.168	ng	98
81) Benzo(a)anthracene	21.880	228	684481	42.298	ng	99
82) 3,3'-Dichlorobenzidine	21.780	252	162987	28.663	ng	97
83) Chrysene	21.950	228	649486	42.159	ng	99
84) Bis(2-ethylhexyl)phtha...	21.750	149	384564	42.981	ng	99
85) Di-n-octyl phthalate	23.014	149	661793	43.221	ng	100
87) Indeno(1,2,3-cd)pyrene	29.212	276	822038	40.322	ng	# 95
88) Benzo(b)fluoranthene	24.212	252	728715	44.963	ng	99
89) Benzo(k)fluoranthene	24.283	252	705020	43.641	ng	99
90) Benzo(a)pyrene	25.141	252	637954	45.871	ng	99
91) Dibenzo(a,h)anthracene	29.283	278	703068	42.202	ng	98
92) Benzo(g,h,i)perylene	30.452	276	684949	40.793	ng	97

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

Manual Integrations APPROVED

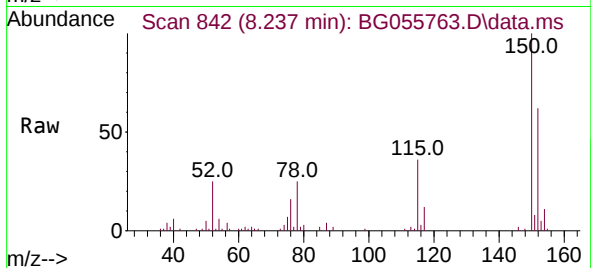
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.237 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

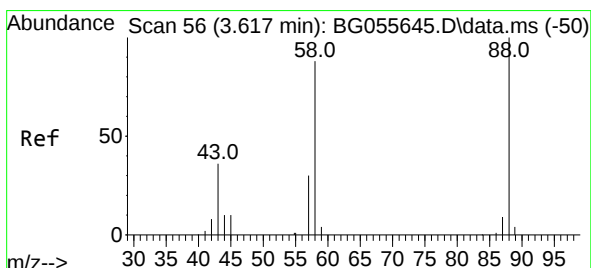
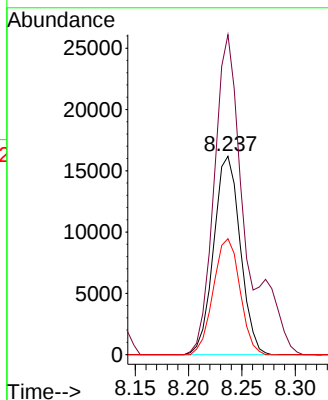
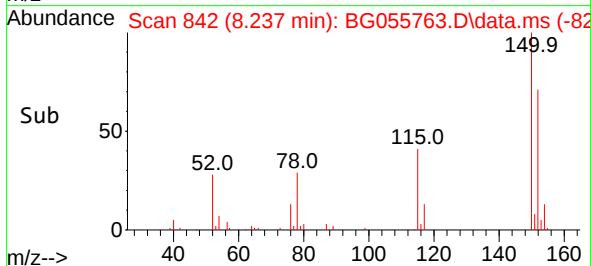
Instrument :
BNA_G
ClientSampleId :
PB149128BS



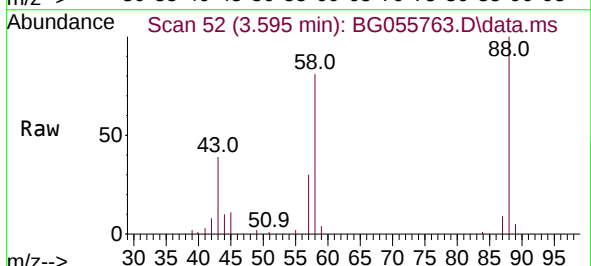
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Ion Ratio Lower Upper
152 100
150 161.4 123.0 184.6
115 58.5 47.0 70.4

Manual Integrations
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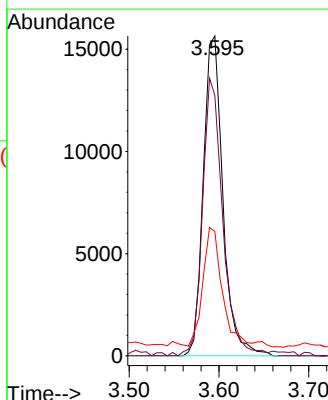
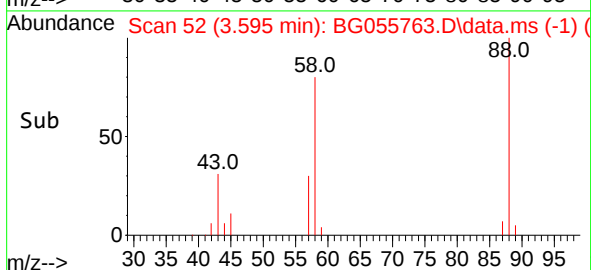
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

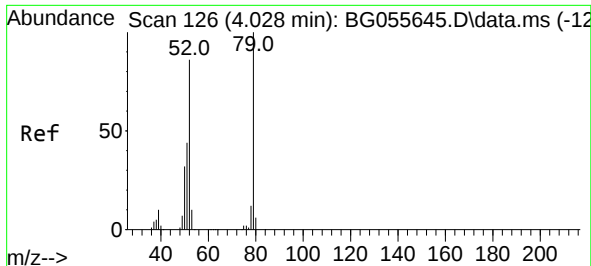


#2
1,4-Dioxane
Concen: 35.791 ng
RT: 3.595 min Scan# 52
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



Tgt Ion: 88 Resp: 23774
Ion Ratio Lower Upper
88 100
58 91.0 71.3 106.9
43 36.1 28.6 43.0





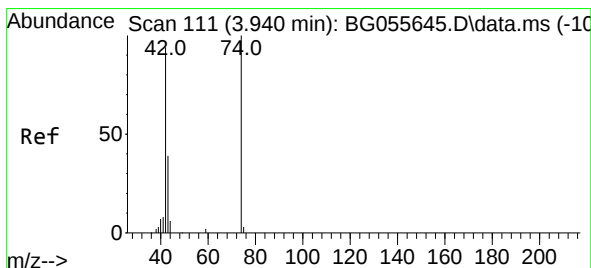
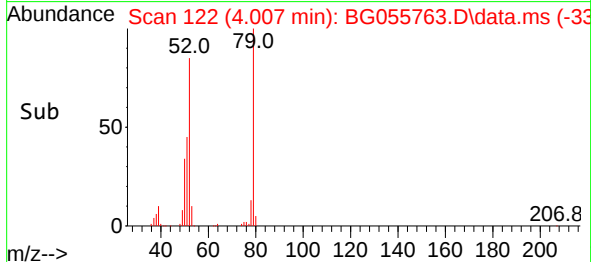
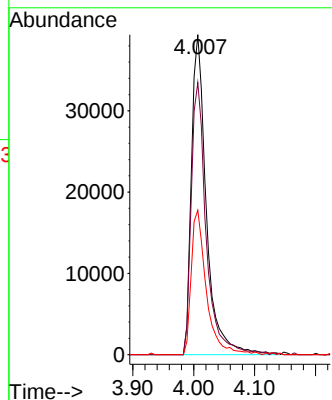
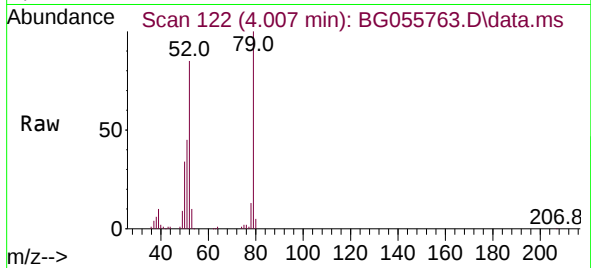
#3
Pyridine
Concen: 32.894 ng
RT: 4.007 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

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Tgt Ion: 79 Resp: 67030
Ion Ratio Lower Upper
79 100
52 85.0 68.9 103.3
51 45.1 34.8 52.2

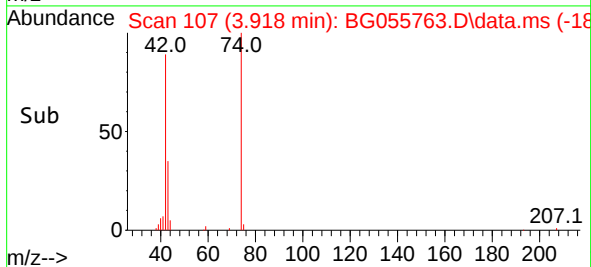
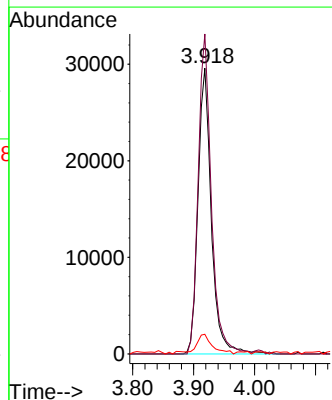
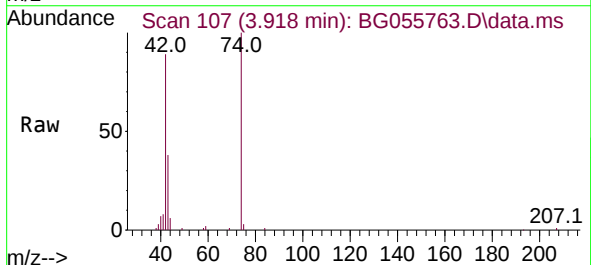
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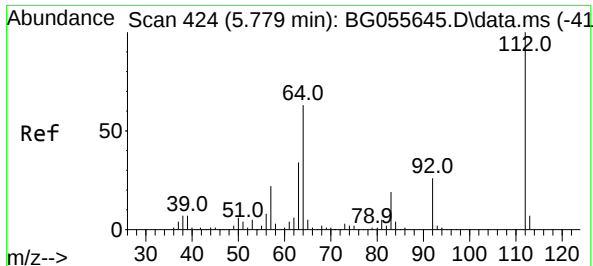
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#4
n-Nitrosodimethylamine
Concen: 41.653 ng
RT: 3.918 min Scan# 107
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion: 42 Resp: 44938
Ion Ratio Lower Upper
42 100
74 112.0 84.7 127.1
44 6.9 5.4 8.0





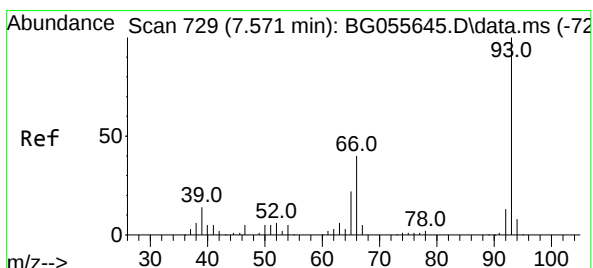
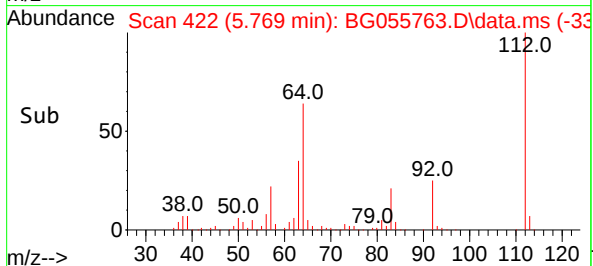
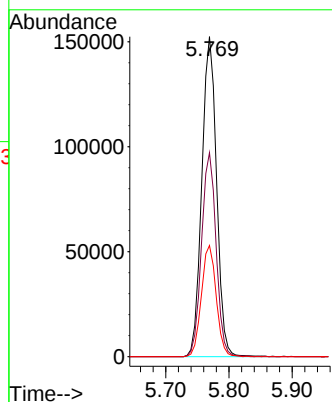
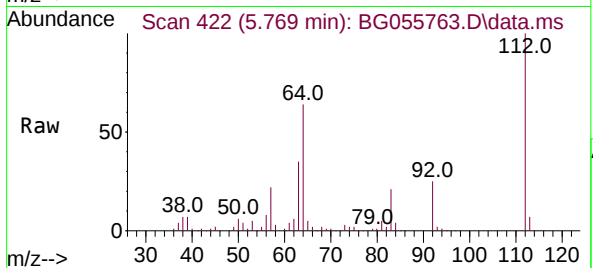
#5
2-Fluorophenol
Concen: 158.786 ng
RT: 5.769 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :
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PB149128BS

Tgt Ion:112 Resp: 246808
Ion Ratio Lower Upper
112 100
64 63.7 50.6 76.0
63 34.7 27.5 41.3

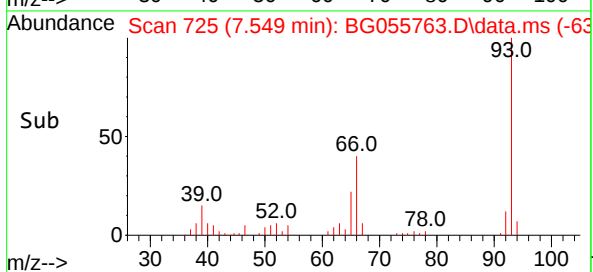
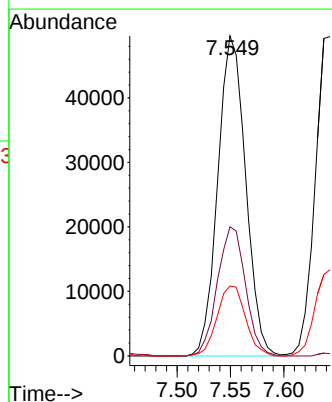
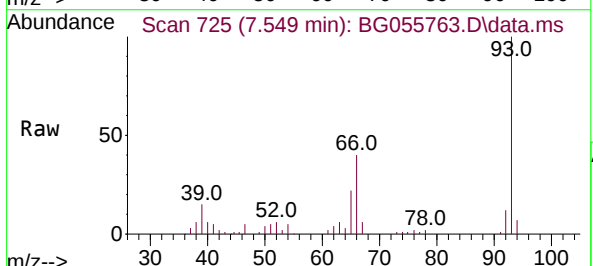
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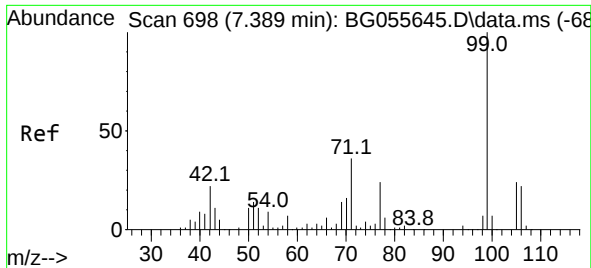
Reviewed By :Christian Giraldo 11/25/2022
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#6
Aniline
Concen: 34.689 ng
RT: 7.549 min Scan# 725
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion: 93 Resp: 90150
Ion Ratio Lower Upper
93 100
66 40.3 31.7 47.5
65 21.8 17.9 26.9





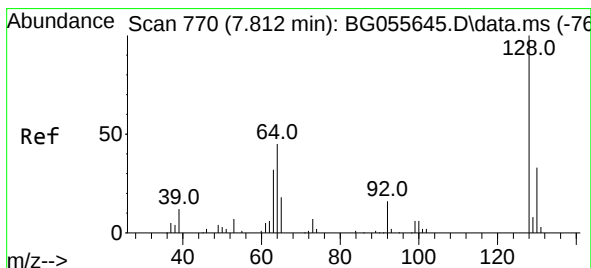
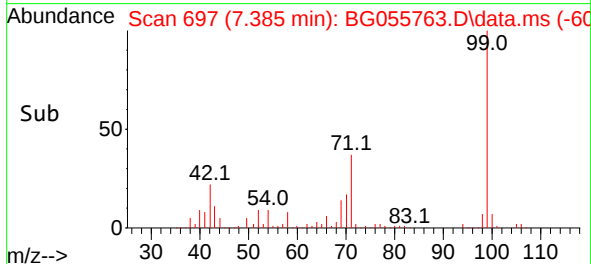
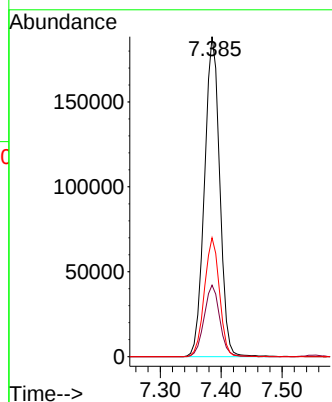
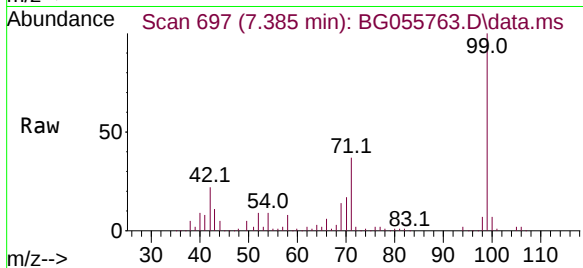
#7
Phenol-d6
Concen: 158.210 ng
RT: 7.385 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :
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ClientSampleId :
PB149128BS

Tgt Ion: 99 Resp: 327348
Ion Ratio Lower Upper
99 100
42 22.4 18.0 27.0
71 37.1 29.0 43.6

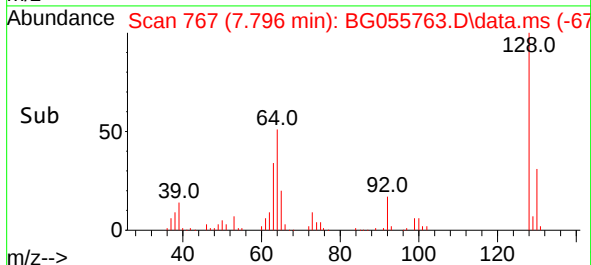
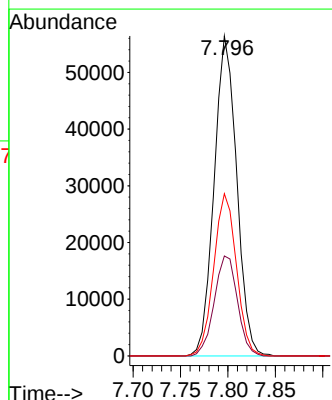
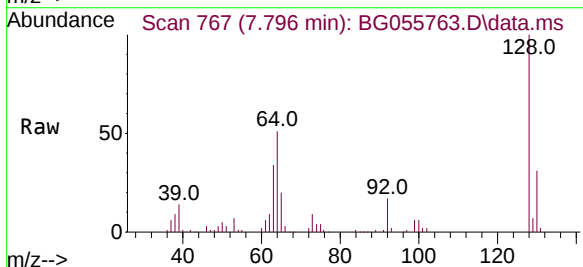
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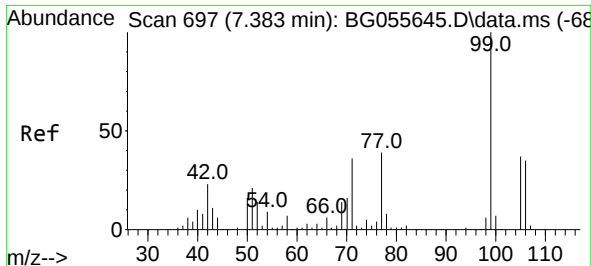
Reviewed By :Christian Giraldo 11/25/2022
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#8
2-Chlorophenol
Concen: 52.540 ng
RT: 7.796 min Scan# 767
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:128 Resp: 93358
Ion Ratio Lower Upper
128 100
130 31.2 13.1 53.1
64 50.7 30.2 70.2





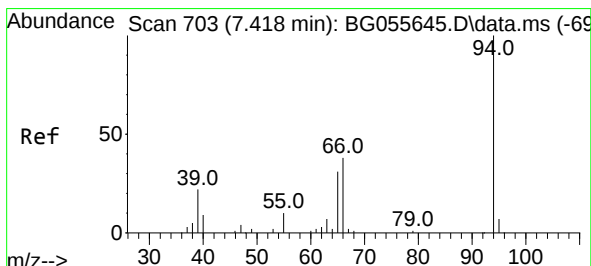
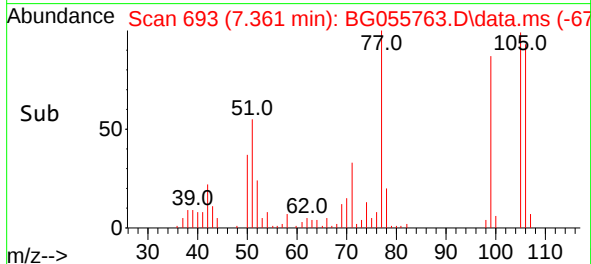
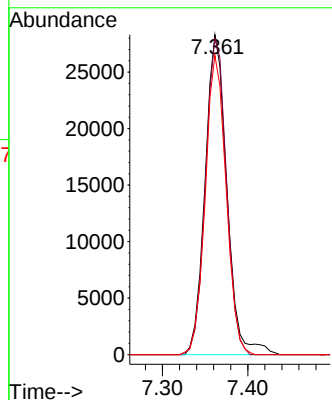
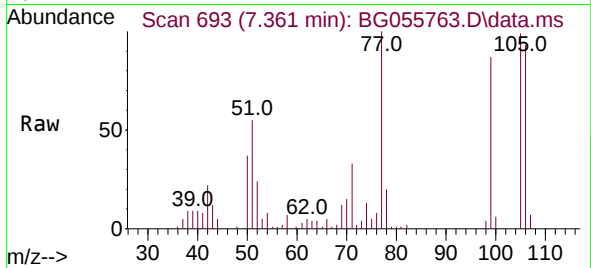
#9
Benzaldehyde
Concen: 35.594 ng
RT: 7.361 min Scan# 69
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :
BNA_G
ClientSampleId :
PB149128BS

Tgt Ion: 77 Resp: 50016
Ion Ratio Lower Upper
77 100
105 98.8 76.3 116.3
106 93.5 69.8 109.8

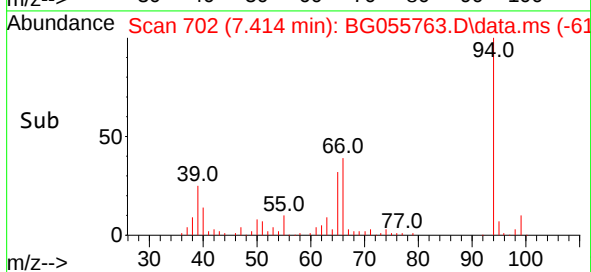
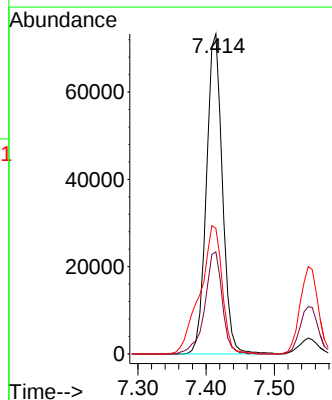
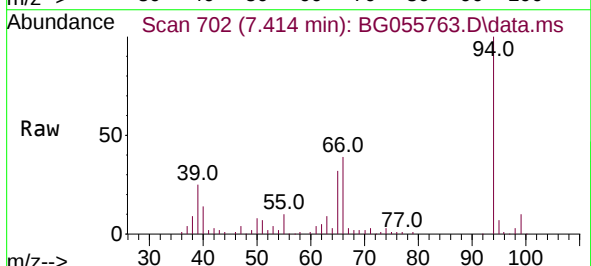
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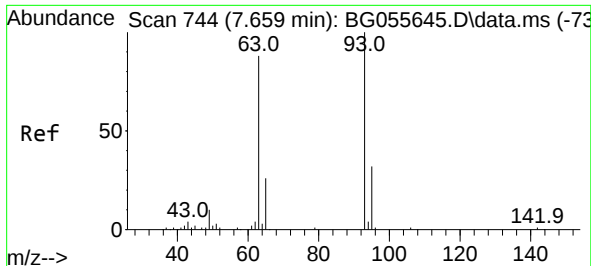
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#10
Phenol
Concen: 51.494 ng
RT: 7.414 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion: 94 Resp: 119298
Ion Ratio Lower Upper
94 100
65 31.9 11.8 51.8
66 39.2 20.5 60.5





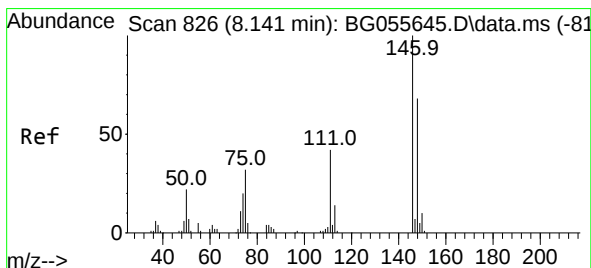
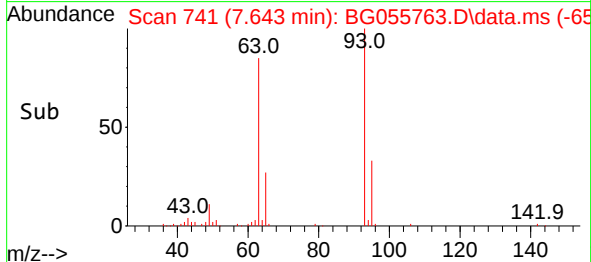
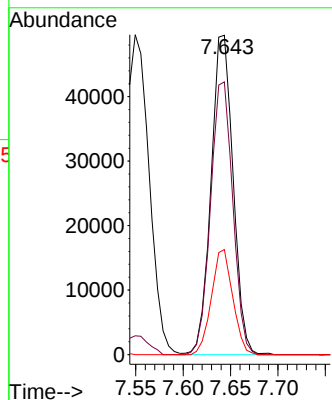
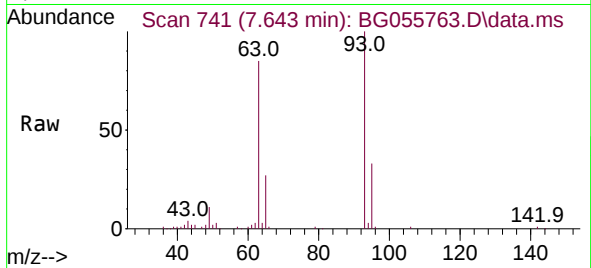
#11
bis(2-Chloroethyl)ether
Concen: 45.193 ng
RT: 7.643 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :
BNA_G
ClientSampleId :
PB149128BS

Tgt Ion: 93 Resp: 80238
Ion Ratio Lower Upper
93 100
63 85.4 67.6 107.6
95 32.9 11.8 51.8

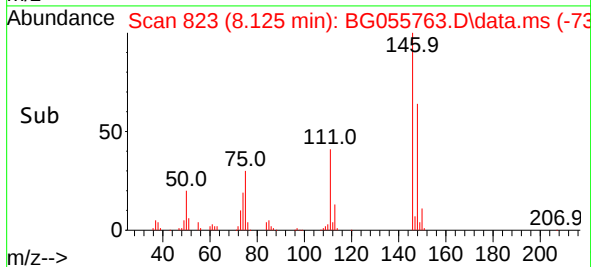
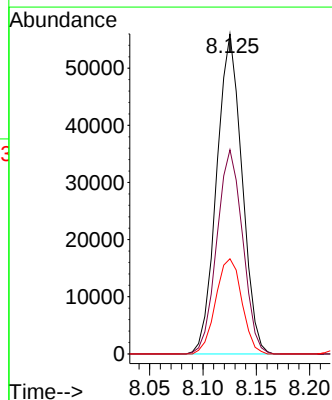
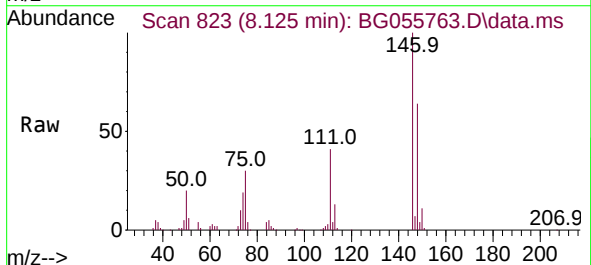
Manual Integrations
APPROVED

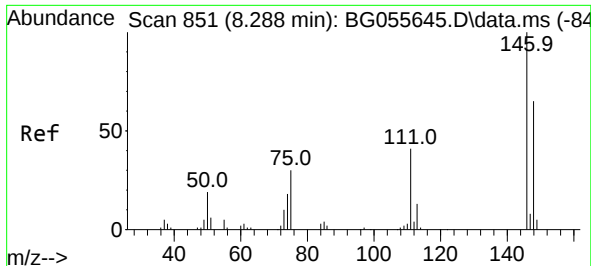
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#12
1,3-Dichlorobenzene
Concen: 44.371 ng
RT: 8.125 min Scan# 823
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

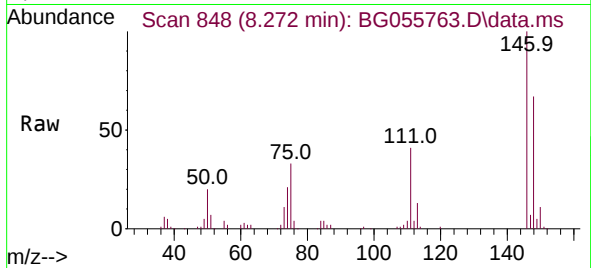
Tgt Ion:146 Resp: 92696
Ion Ratio Lower Upper
146 100
148 63.8 54.6 81.8
75 29.7 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 43.758 ng
RT: 8.272 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

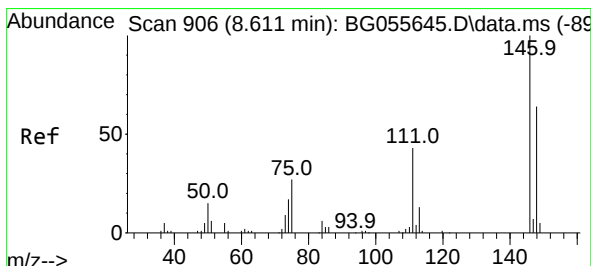
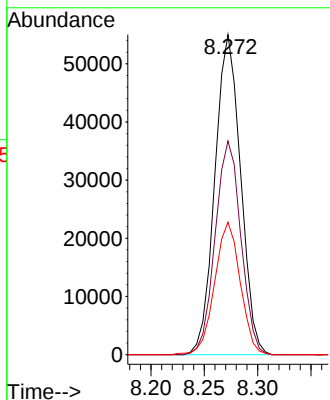
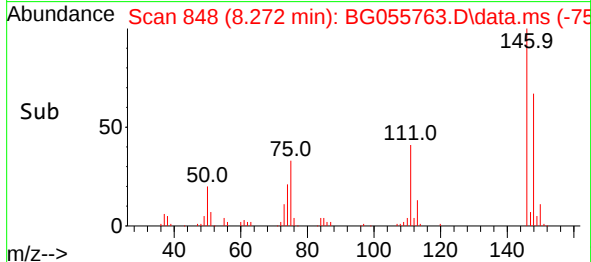
Instrument :
BNA_G
ClientSampleId :
PB149128BS



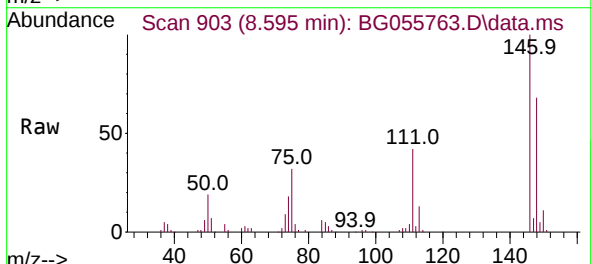
Tgt Ion:146 Resp: 92375
Ion Ratio Lower Upper
146 100
148 66.7 52.1 78.1
111 41.4 33.0 49.4

Manual Integrations
APPROVED

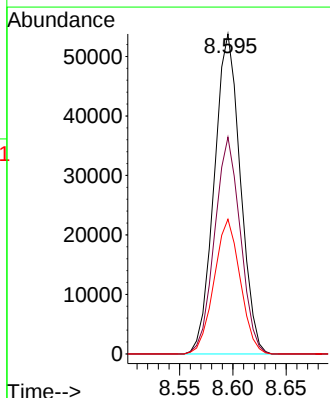
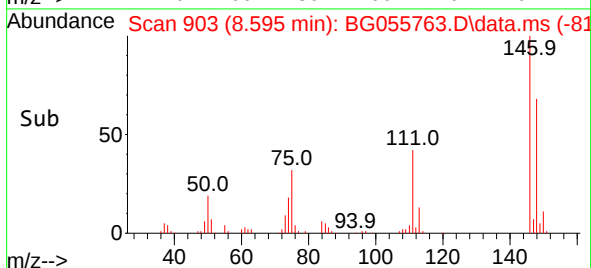
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#14
1,2-Dichlorobenzene
Concen: 45.335 ng
RT: 8.595 min Scan# 903
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



Tgt Ion:146 Resp: 91711
Ion Ratio Lower Upper
146 100
148 67.7 50.9 76.3
111 42.1 34.5 51.7





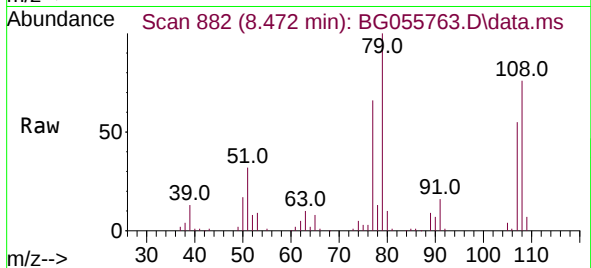
#15
Benzyl Alcohol
Concen: 49.987 ng m
RT: 8.472 min Scan# 885
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

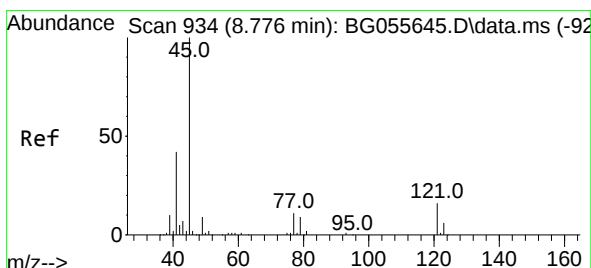
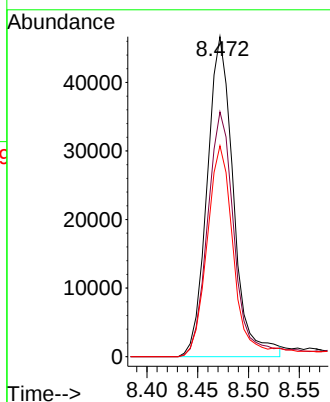
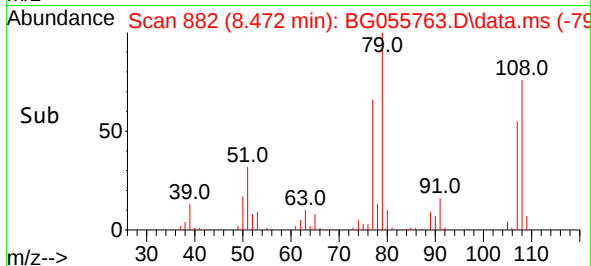
PB149128BS



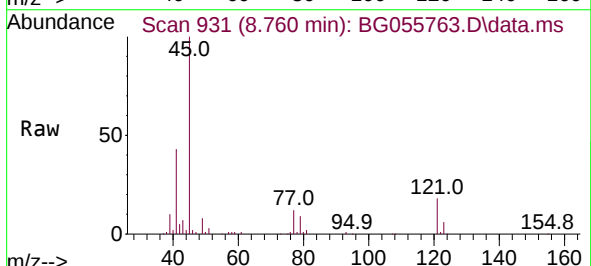
Tgt Ion: 79 Resp: 84052
Ion Ratio Lower Upper
79 100
108 76.5 62.6 93.8
77 65.9 52.4 78.6

Manual Integrations
APPROVED

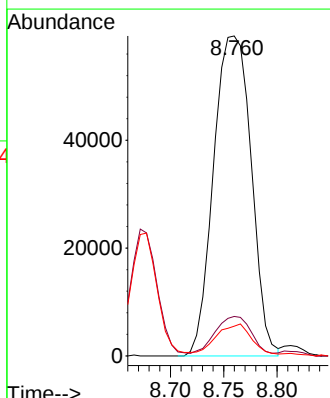
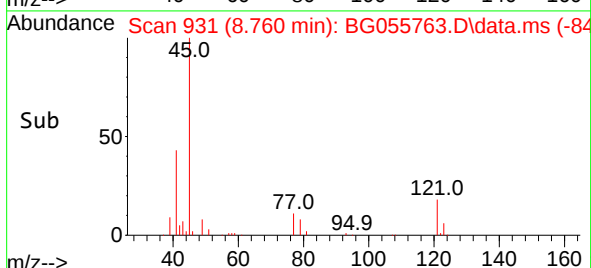
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

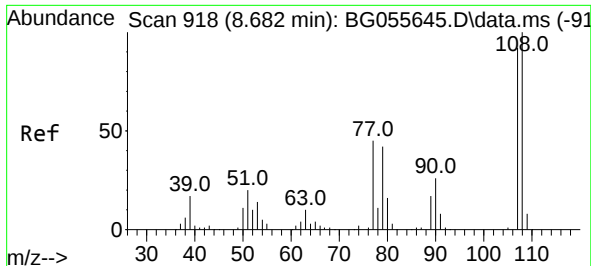


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.358 ng
RT: 8.760 min Scan# 931
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



Tgt Ion: 45 Resp: 145783
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.7
79 9.3 0.0 29.5





#17
2-Methylphenol
Concen: 51.259 ng
RT: 8.678 min Scan# 918
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

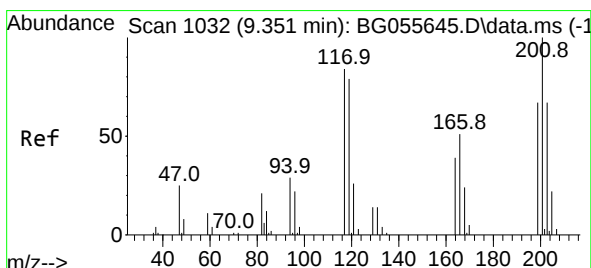
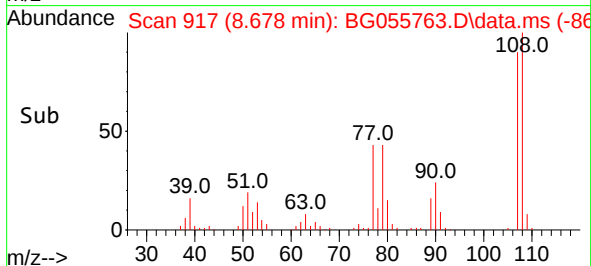
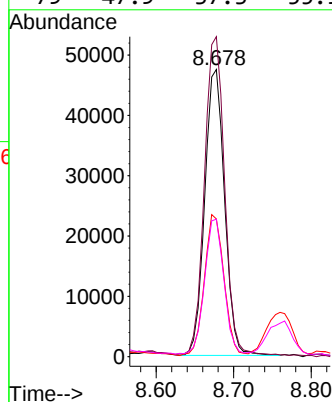
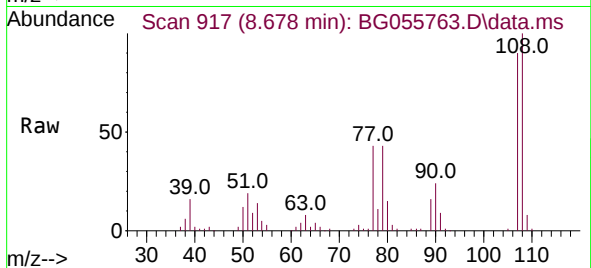
PB149128BS

Tgt Ion:107 Resp: 8431
Ion Ratio Lower Upper
107 100
108 111.5 87.3 130.9
77 47.9 39.4 59.0
79 47.9 37.3 55.9

Manual Integrations

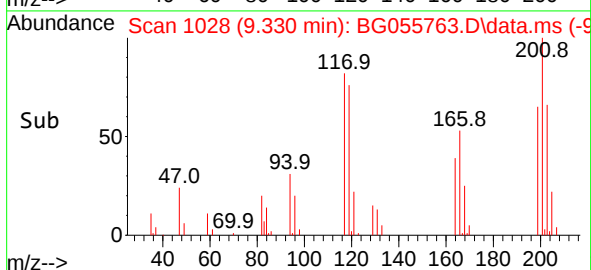
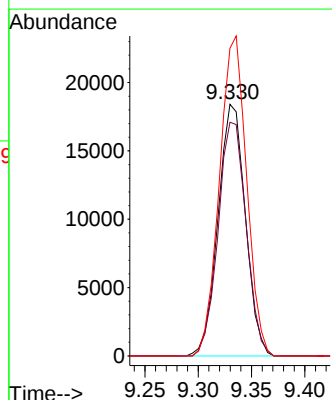
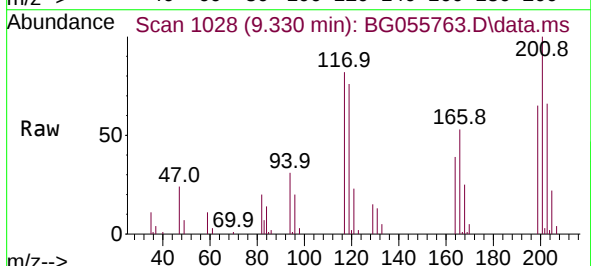
APPROVED

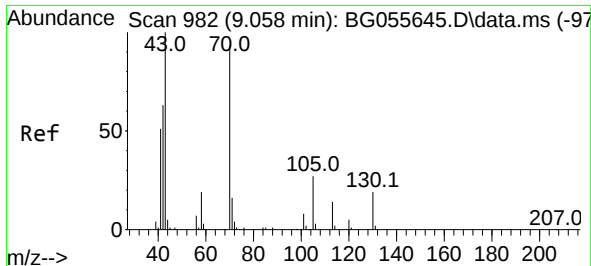
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#18
Hexachloroethane
Concen: 45.146 ng
RT: 9.330 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:117 Resp: 32803
Ion Ratio Lower Upper
117 100
119 92.8 76.0 114.0
201 122.2 98.6 148.0





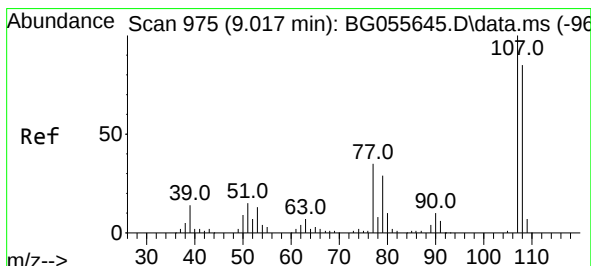
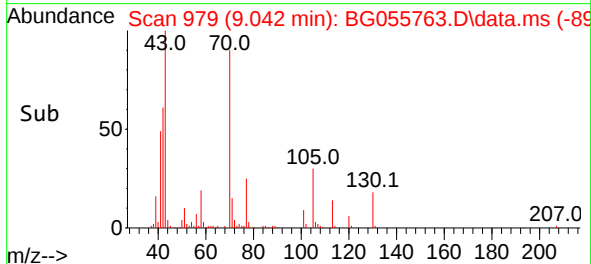
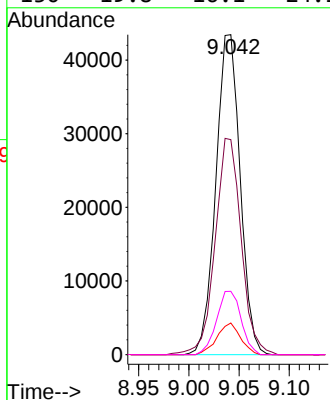
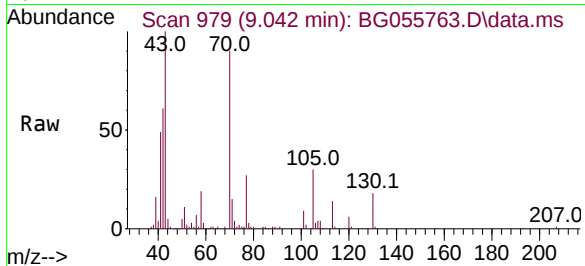
#19
n-Nitroso-di-n-propylamine
Concen: 46.187 ng
RT: 9.042 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :
BNA_G
ClientSampleId :
PB149128BS

Tgt Ion: 70 Resp: 73426
Ion Ratio Lower Upper
70 100
42 67.2 55.2 82.8
101 9.9 7.1 10.7
130 19.8 16.1 24.1

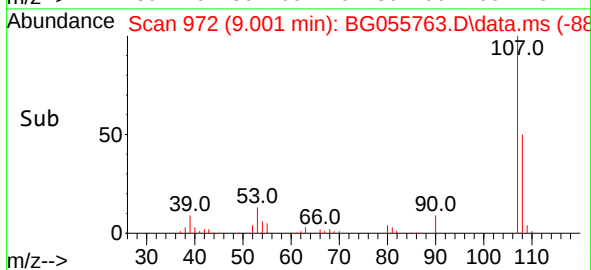
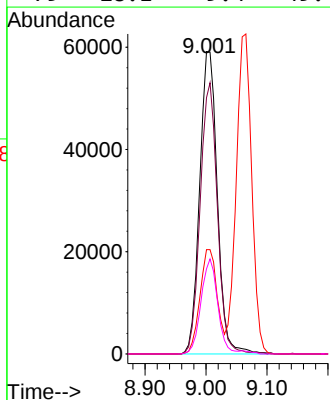
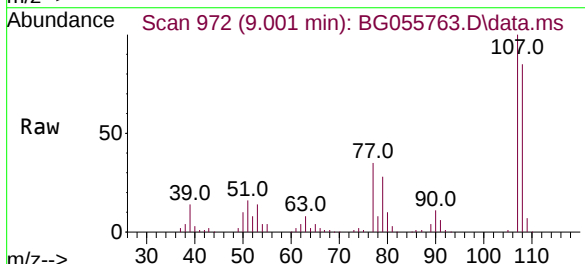
Manual Integrations
APPROVED

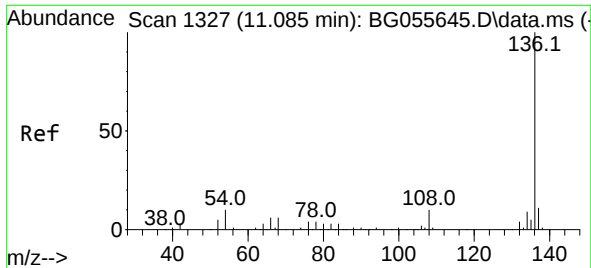
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#20
3+4-Methylphenols
Concen: 51.878 ng
RT: 9.001 min Scan# 972
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:107 Resp: 119197
Ion Ratio Lower Upper
107 100
108 84.8 65.5 105.5
77 34.5 14.6 54.6
79 28.1 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

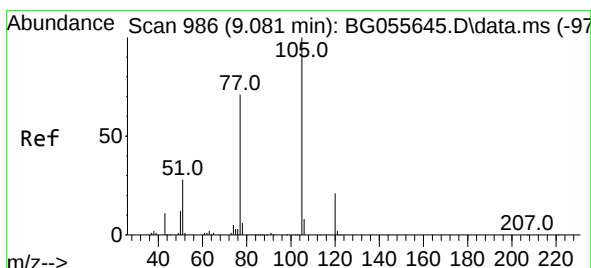
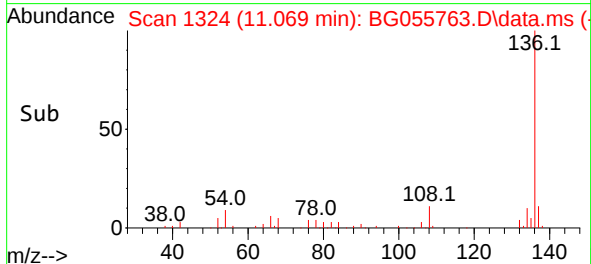
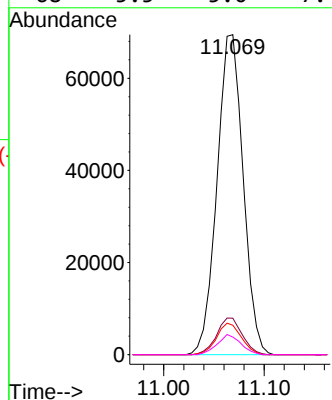
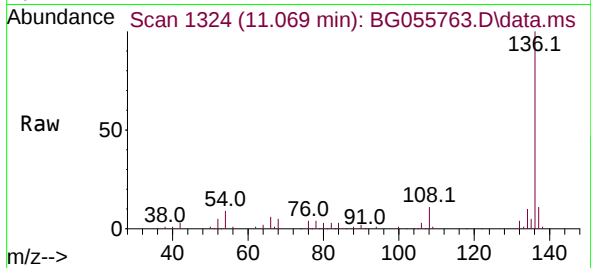
PB149128BS

Tgt Ion:136 Resp: 125795
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.2 7.8 11.6
68 5.5 5.0 7.4

Manual Integrations

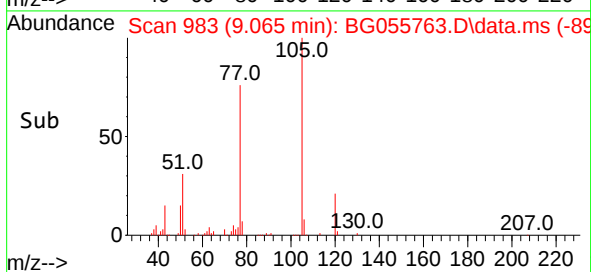
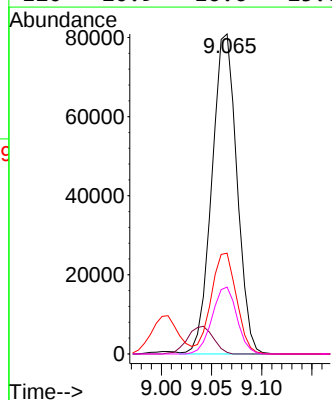
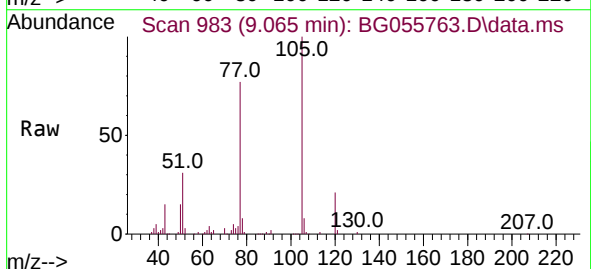
APPROVED

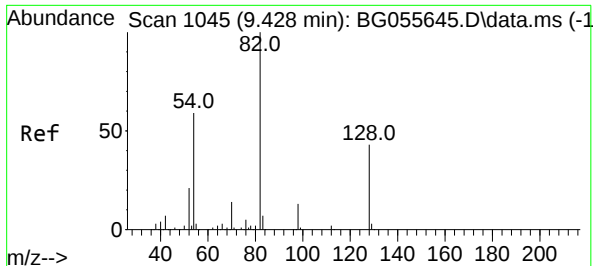
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#22
Acetophenone
Concen: 42.980 ng
RT: 9.065 min Scan# 983
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:105 Resp: 140491
Ion Ratio Lower Upper
105 100
71 0.5 0.6 1.0#
51 31.5 24.5 36.7
120 20.9 16.6 25.0





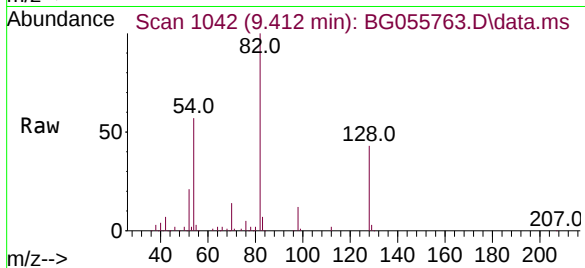
#23
Nitrobenzene-d5
Concen: 83.677 ng
RT: 9.412 min Scan# 1042
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

PB149128BS

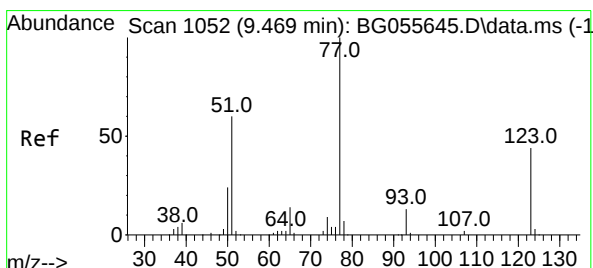
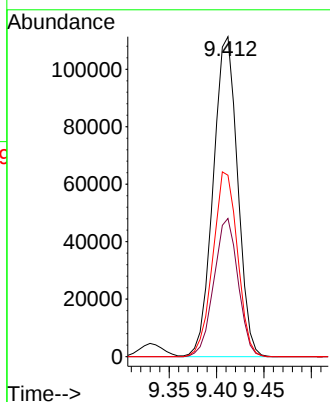
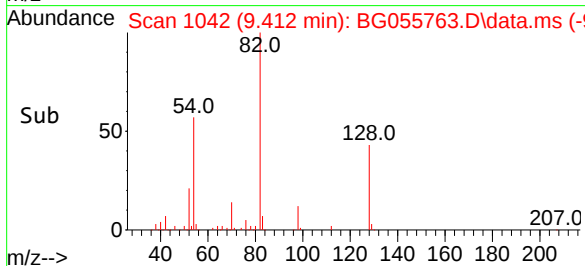


Tgt Ion: 82 Resp: 199153
Ion Ratio Lower Upper
82 100
128 43.2 34.1 51.1
54 56.7 47.3 70.9

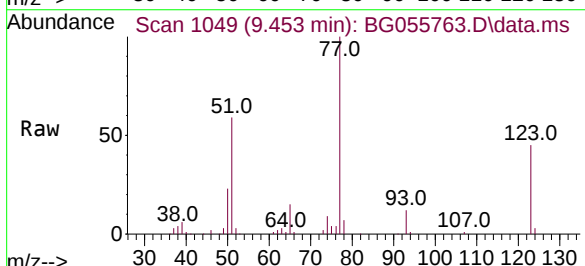
Manual Integrations

APPROVED

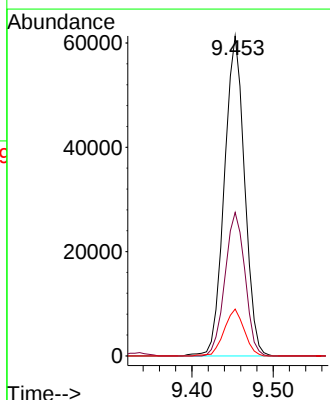
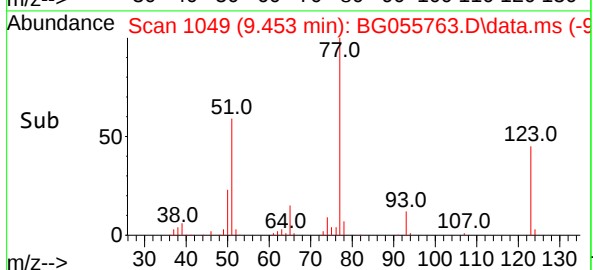
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

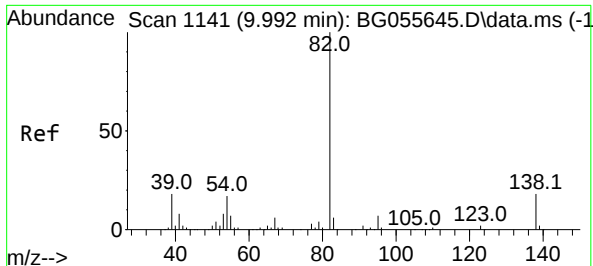


#24
Nitrobenzene
Concen: 42.665 ng
RT: 9.453 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



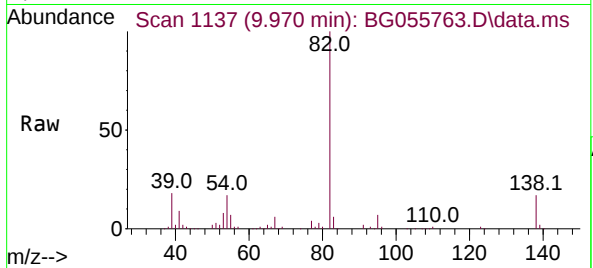
Tgt Ion: 77 Resp: 106064
Ion Ratio Lower Upper
77 100
123 44.8 35.5 53.3
65 14.6 11.5 17.3





#25
Isophorone
Concen: 46.404 ng
RT: 9.970 min Scan# 1141
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

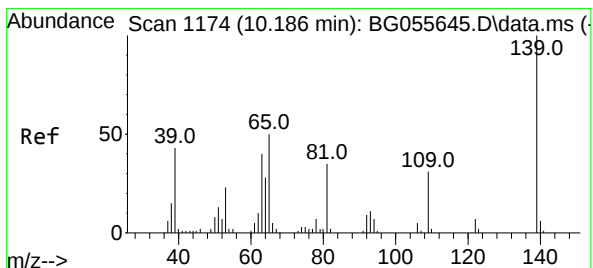
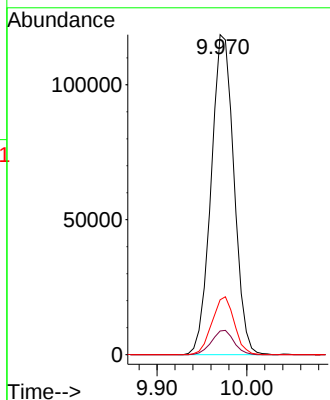
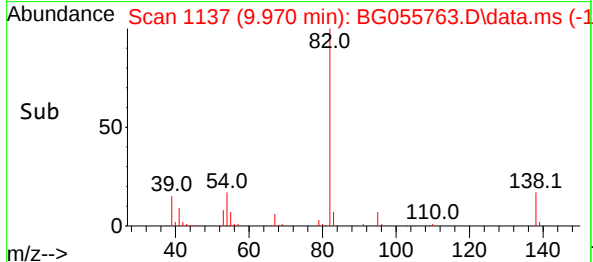
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion: 82 Resp: 209258
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.1 14.2 21.4

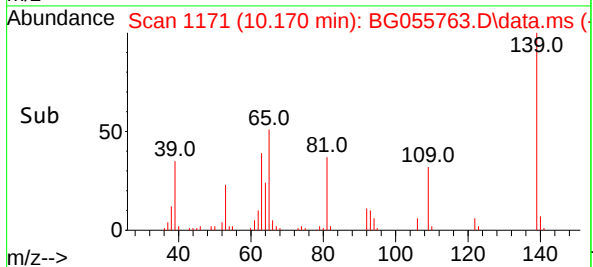
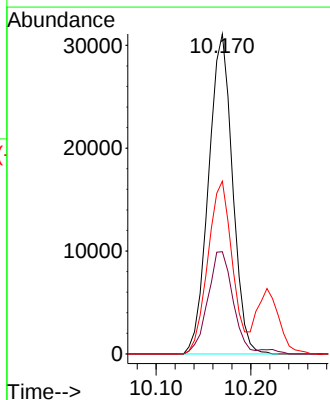
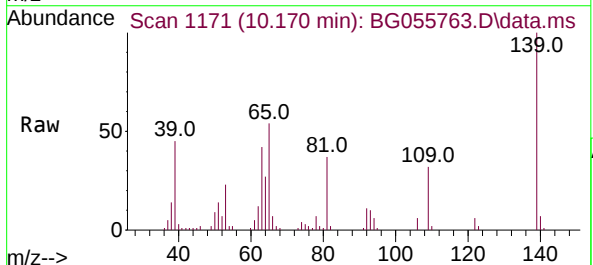
Manual Integrations
APPROVED

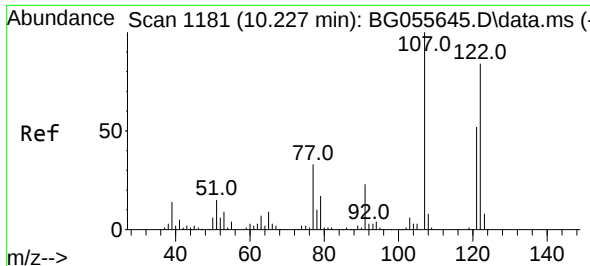
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#26
2-Nitrophenol
Concen: 47.557 ng
RT: 10.170 min Scan# 1171
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:139 Resp: 54577
Ion Ratio Lower Upper
139 100
109 31.9 24.4 36.6
65 54.0 40.2 60.2





#27
2,4-Dimethylphenol
Concen: 56.376 ng m
RT: 10.217 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

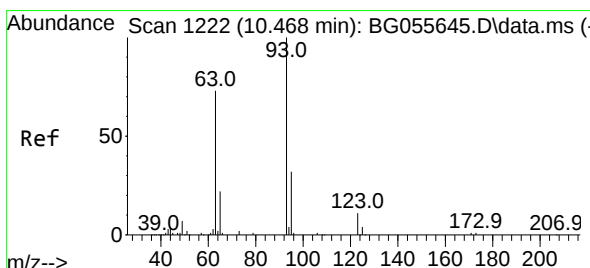
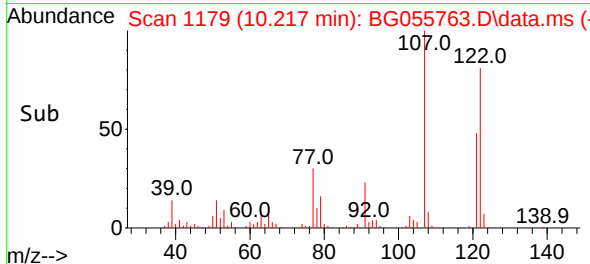
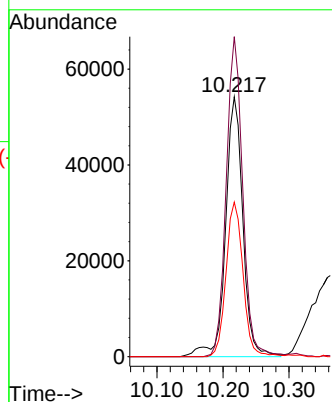
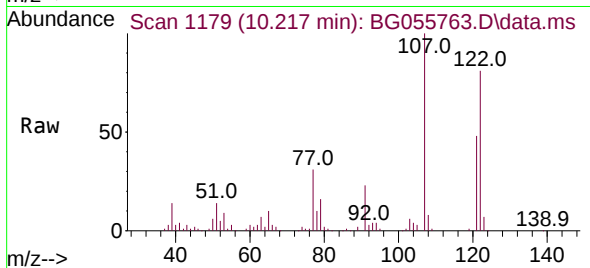
PB149128BS

Tgt Ion:122 Resp: 98468
Ion Ratio Lower Upper
122 100
107 123.2 95.8 143.6
121 59.5 49.6 74.4

Manual Integrations

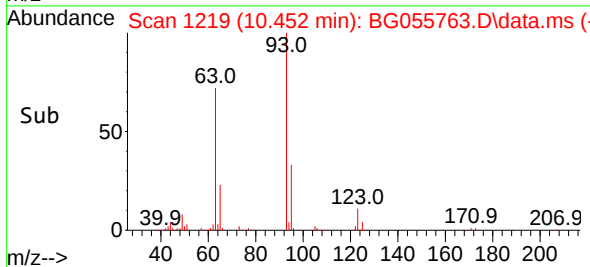
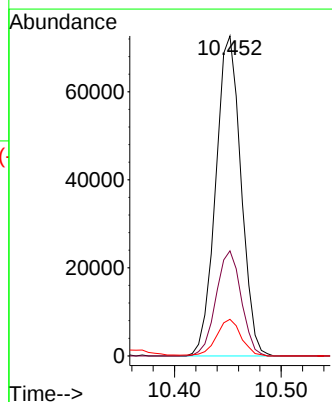
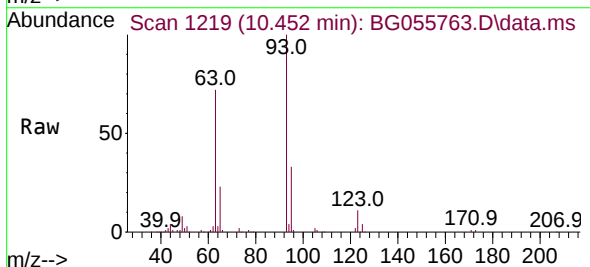
APPROVED

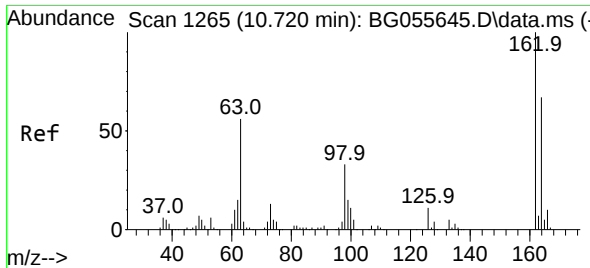
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.397 ng
RT: 10.452 min Scan# 1219
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion: 93 Resp: 119585
Ion Ratio Lower Upper
93 100
95 32.8 25.7 38.5
123 11.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.818 ng

RT: 10.710 min Scan# 1263

Delta R.T. 0.001 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

PB149128BS

Tgt Ion:162 Resp: 106238

Ion Ratio Lower Upper

162 100

164 66.0 46.7 86.7

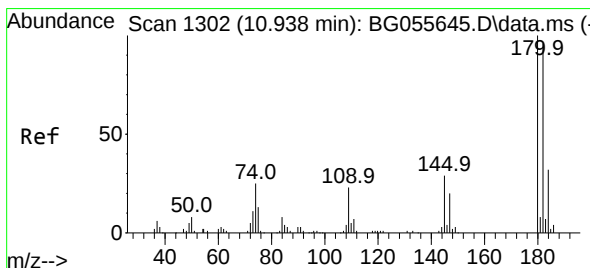
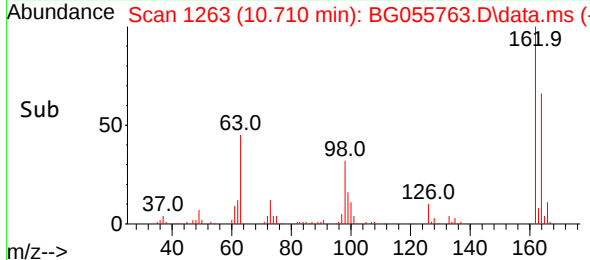
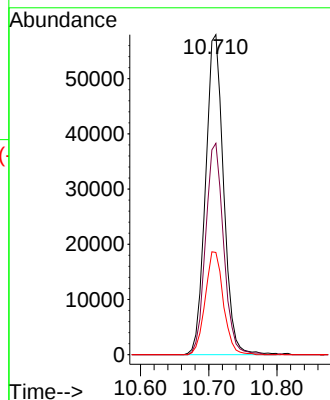
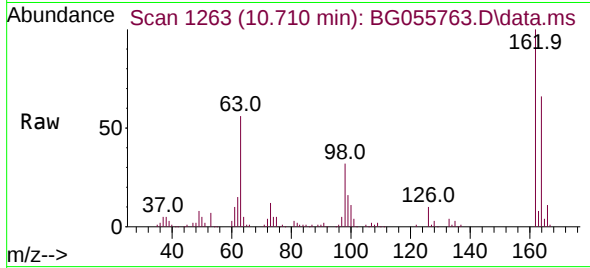
98 31.9 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/25/2022

Supervised By :Jagrut Upadhyay 11/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.991 ng

RT: 10.922 min Scan# 1299

Delta R.T. -0.004 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

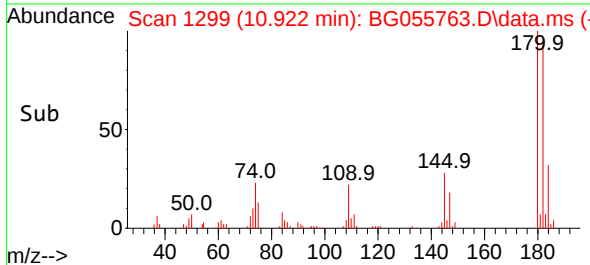
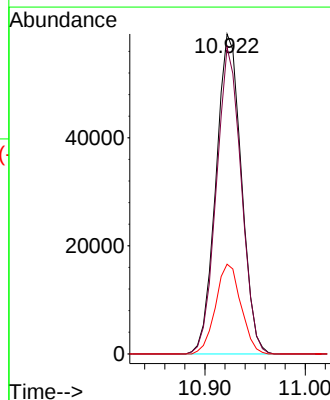
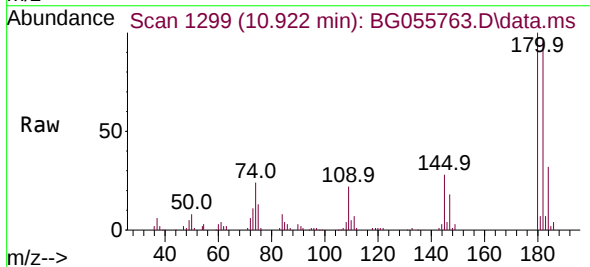
Tgt Ion:180 Resp: 104416

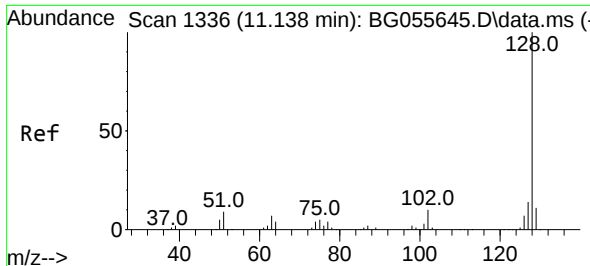
Ion Ratio Lower Upper

180 100

182 95.8 77.1 115.7

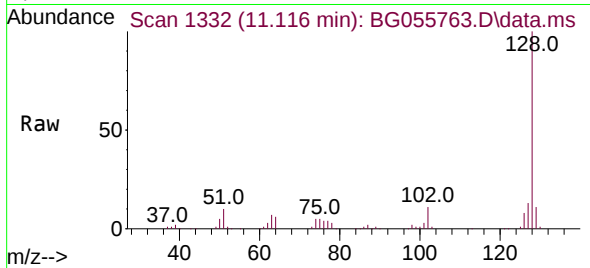
145 28.0 22.9 34.3





#31
Naphthalene
Concen: 42.261 ng
RT: 11.116 min Scan# 1336
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

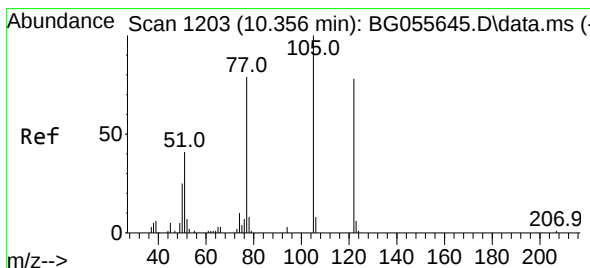
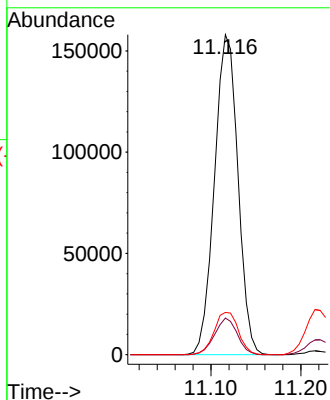
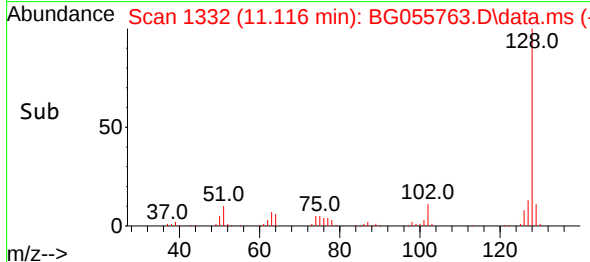
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion:128 Resp: 28738
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.2 10.9 16.3

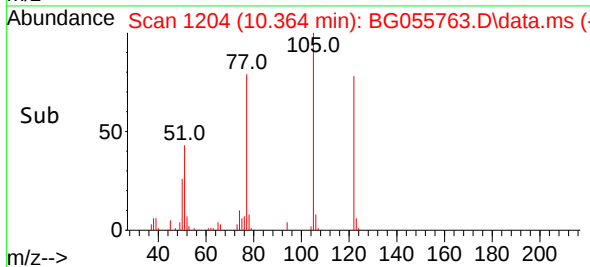
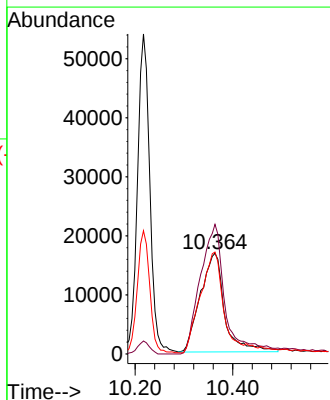
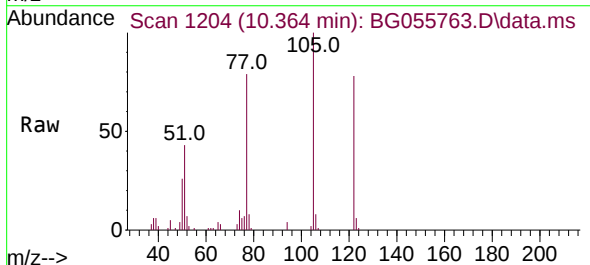
Manual Integrations
APPROVED

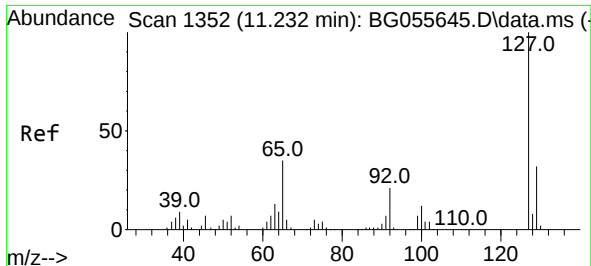
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#32
Benzoic acid
Concen: 40.205 ng
RT: 10.364 min Scan# 1204
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:122 Resp: 57775
Ion Ratio Lower Upper
122 100
105 128.9 104.3 144.3
77 101.4 79.9 119.9





#33

4-Chloroaniline

Concen: 16.092 ng

RT: 11.216 min Scan# 1349

Delta R.T. -0.004 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

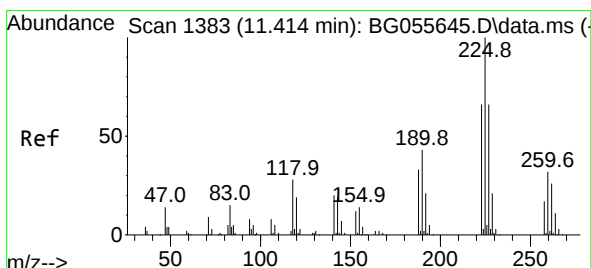
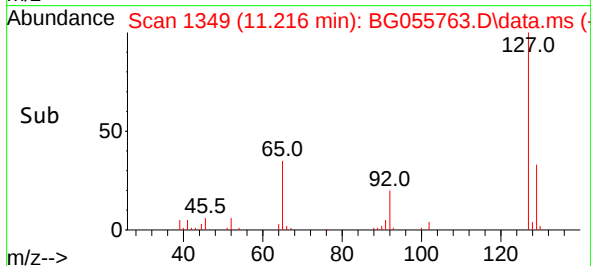
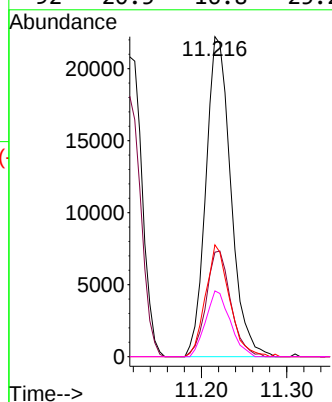
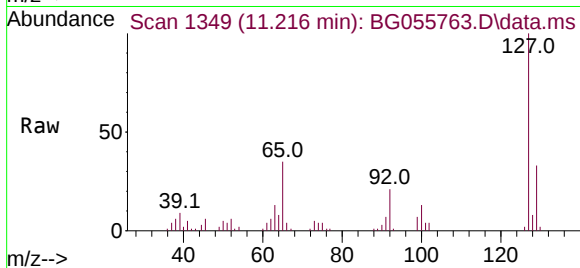
PB149128BS

Tgt Ion:127	Resp: 4514
Ion Ratio	Lower Upper
127 100	
129 32.6	25.9 38.9
65 34.9	27.9 41.9
92 20.5	16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#34

Hexachlorobutadiene

Concen: 42.553 ng

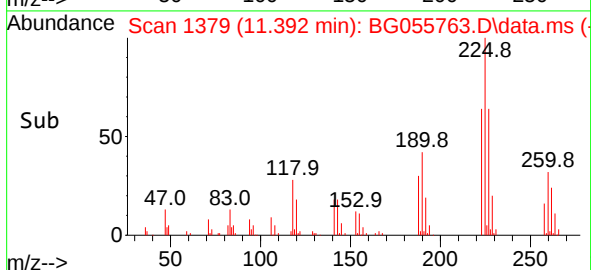
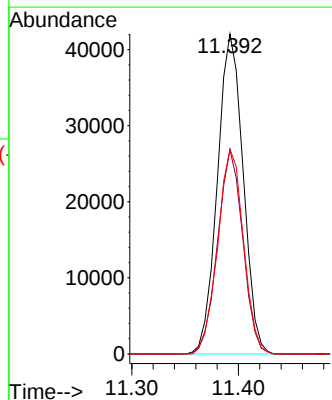
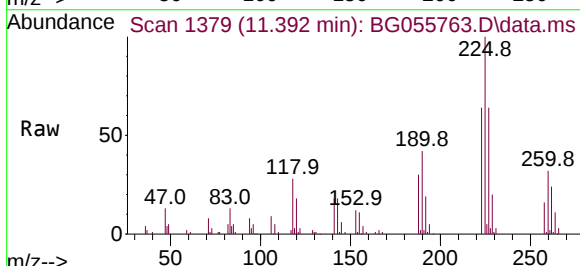
RT: 11.392 min Scan# 1379

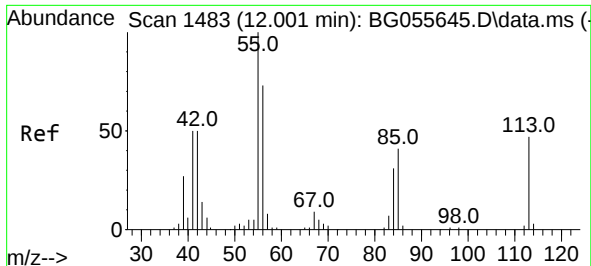
Delta R.T. 0.001 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

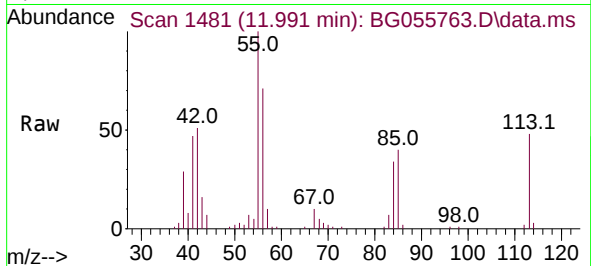
Tgt Ion:225	Resp: 70571
Ion Ratio	Lower Upper
225 100	
223 63.8	52.9 79.3
227 66.5	52.6 79.0





#35
 Caprolactam
 Concen: 49.618 ng m
 RT: 11.991 min Scan# 1483
 Delta R.T. -0.005 min
 Lab File: BG055763.D
 Acq: 23 Nov 2022 20:16

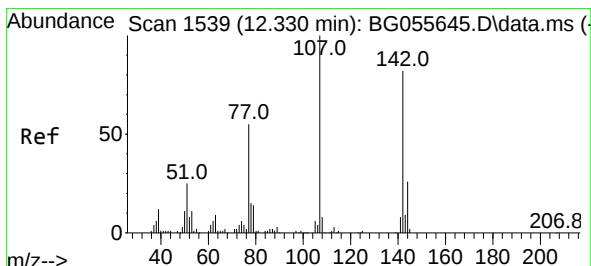
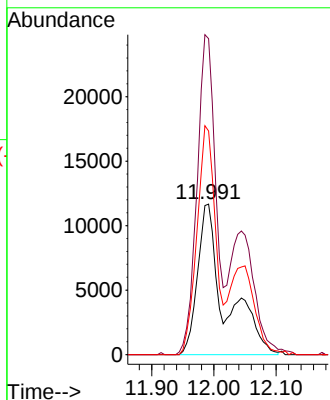
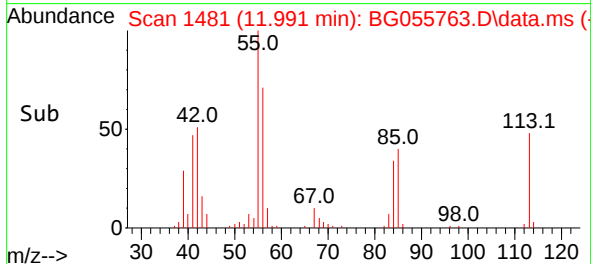
Instrument :
 BNA_G
 ClientSampleId :
 PB149128BS



Tgt Ion:113 Resp: 35896
 Ion Ratio Lower Upper
 113 100
 55 209.9 193.5 233.5
 56 148.6 135.2 175.2

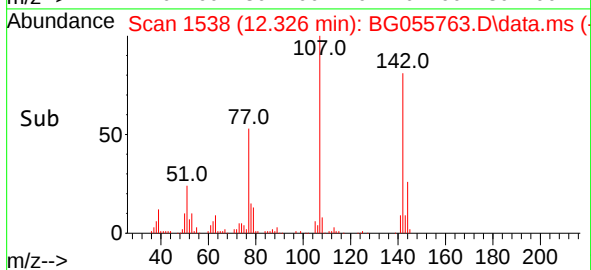
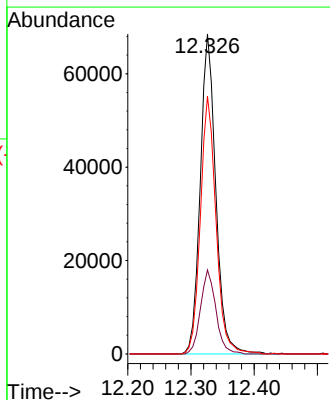
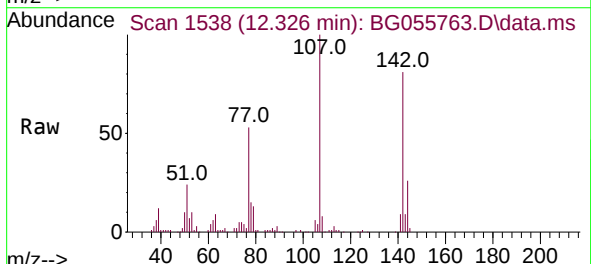
Manual Integrations
 APPROVED

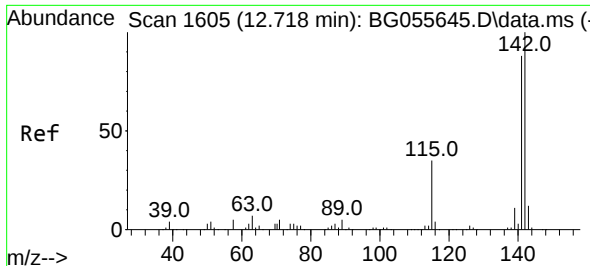
Reviewed By :Christian Giraldo 11/25/2022
 Supervised By :Jagrut Upadhyay 11/25/2022



#36
 4-Chloro-3-methylphenol
 Concen: 50.874 ng
 RT: 12.326 min Scan# 1538
 Delta R.T. 0.001 min
 Lab File: BG055763.D
 Acq: 23 Nov 2022 20:16

Tgt Ion:107 Resp: 116895
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.0 31.4
 142 80.5 65.9 98.9





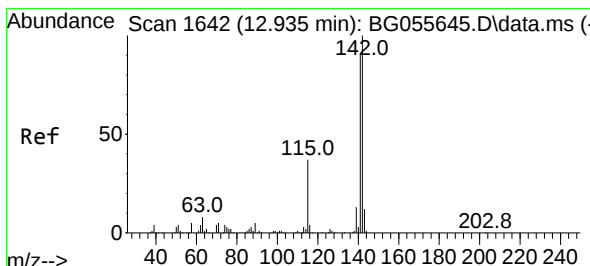
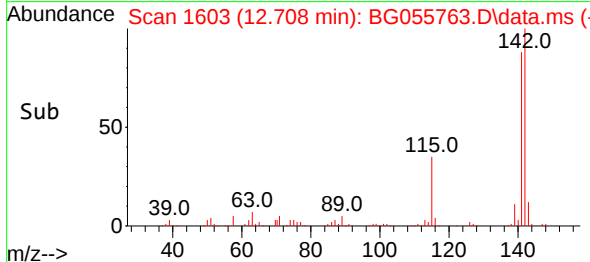
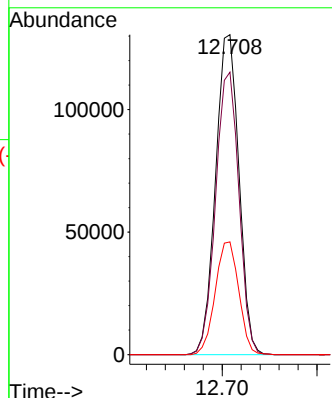
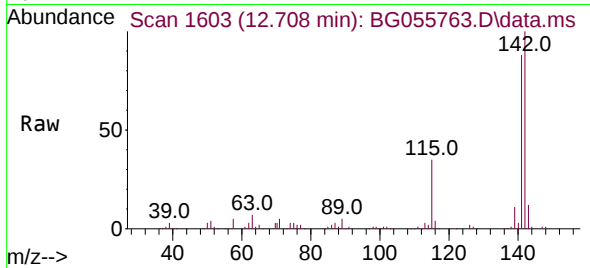
#37
2-Methylnaphthalene
Concen: 43.927 ng
RT: 12.708 min Scan# 1603
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :
BNA_G
ClientSampleId :
PB149128BS

Tgt Ion:142 Resp: 223662
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 35.2 27.9 41.9

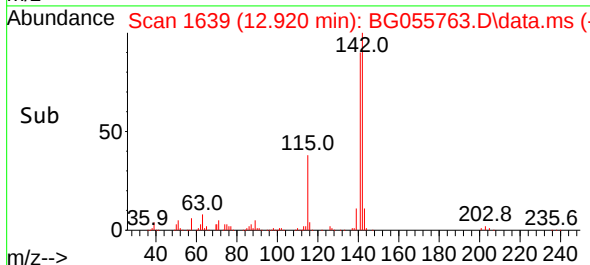
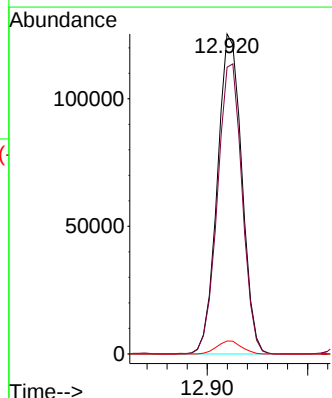
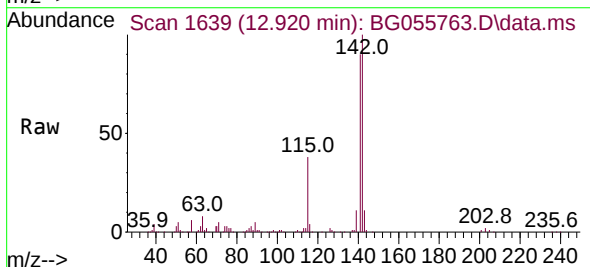
Manual Integrations
APPROVED

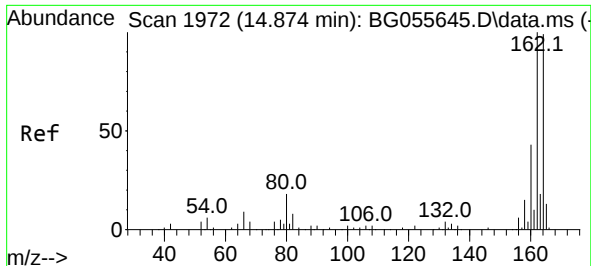
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#38
1-Methylnaphthalene
Concen: 42.953 ng
RT: 12.920 min Scan# 1639
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:142 Resp: 212314
Ion Ratio Lower Upper
142 100
141 89.6 73.0 109.4
116 4.0 3.1 4.7





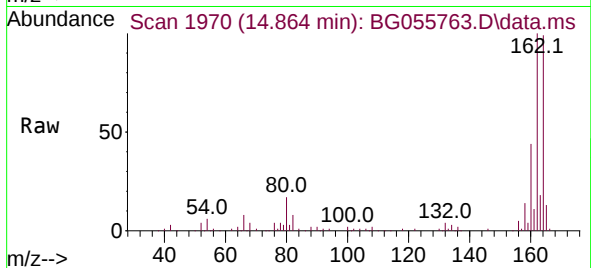
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.864 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

PB149128BS

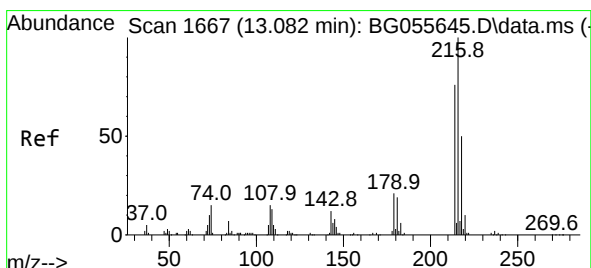
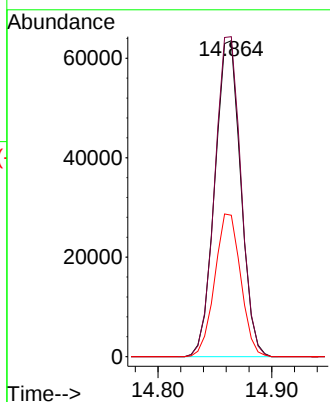
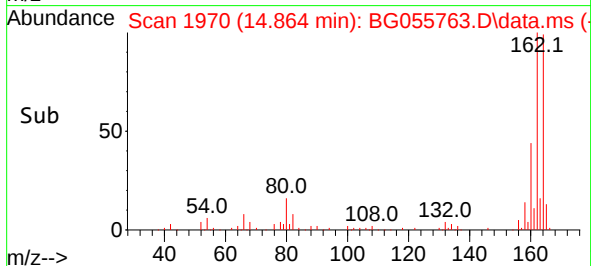


Tgt Ion:164 Resp: 100509
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 44.7 34.8 52.2

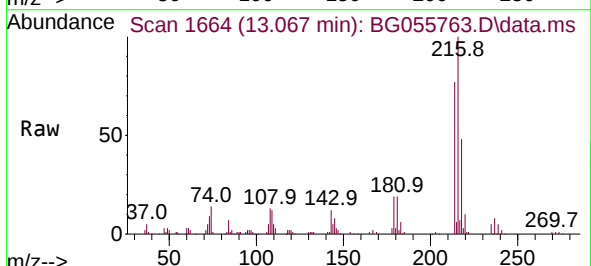
Manual Integrations

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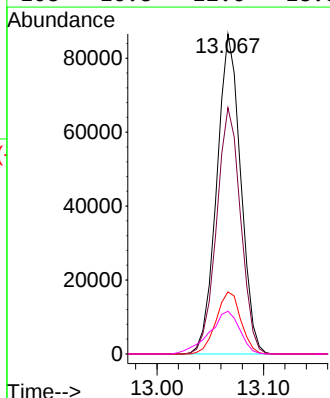
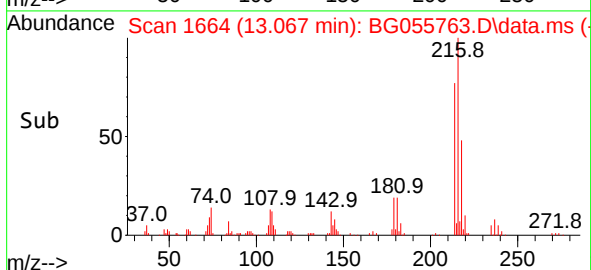
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.681 ng
RT: 13.067 min Scan# 1664
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



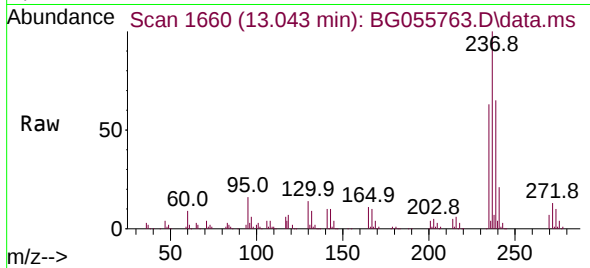
Tgt Ion:216 Resp: 134809
Ion Ratio Lower Upper
216 100
214 77.3 62.1 93.1
179 20.0 16.5 24.7
108 16.8 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 99.195 ng
RT: 13.043 min Scan# 1660
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

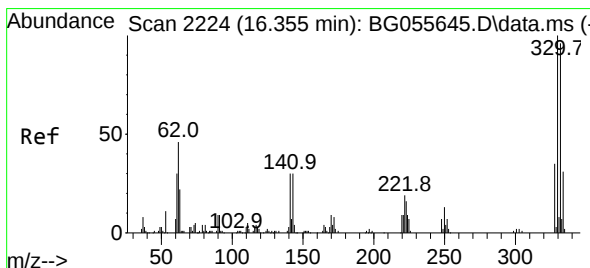
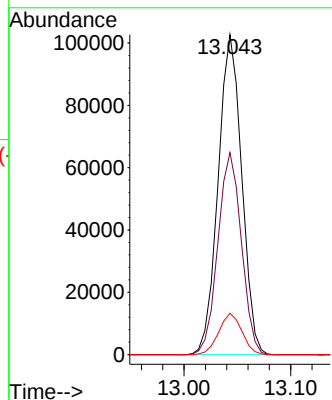
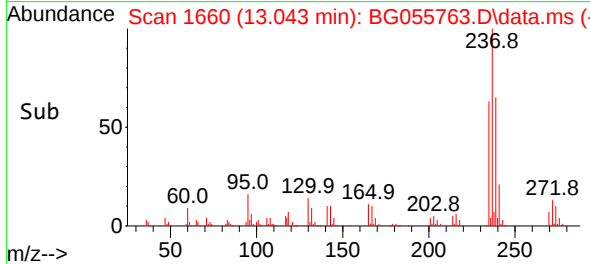
Instrument :
BNA_G
ClientSampleId :
PB149128BS



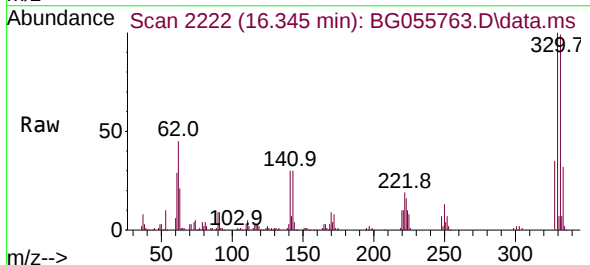
Tgt Ion:237 Resp: 157910
Ion Ratio Lower Upper
237 100
235 63.1 43.7 83.7
272 12.9 0.0 33.6

Manual Integrations
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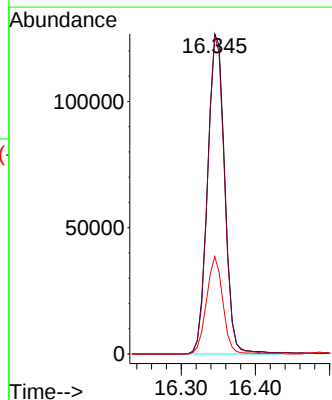
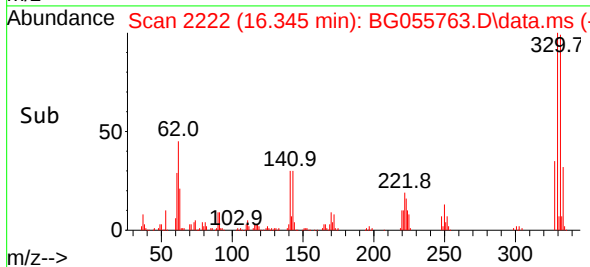
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

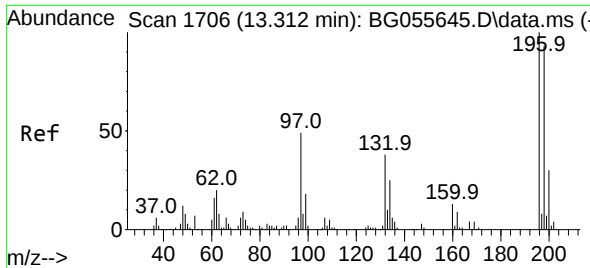


#42
2,4,6-Tribromophenol
Concen: 143.532 ng
RT: 16.345 min Scan# 2222
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



Tgt Ion:330 Resp: 203141
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 28.9 23.9 35.9





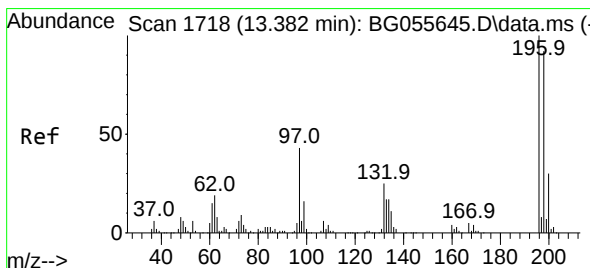
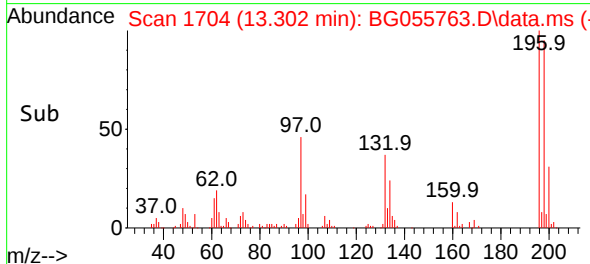
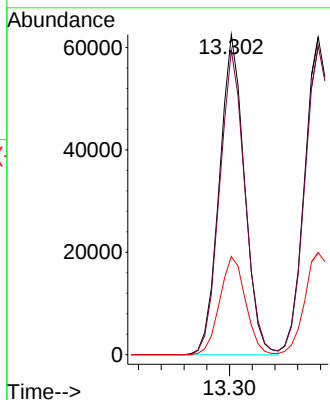
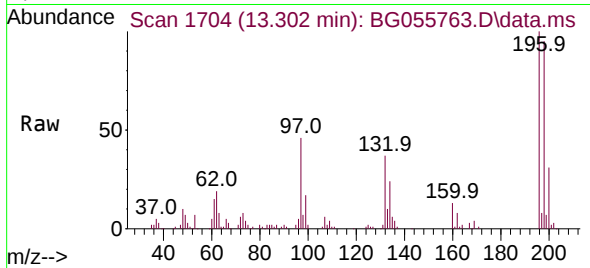
#43
2,4,6-Trichlorophenol
Concen: 44.431 ng
RT: 13.302 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :
BNA_G
ClientSampleId :
PB149128BS

Tgt Ion:196 Resp: 95736
Ion Ratio Lower Upper
196 100
198 95.2 74.6 112.0
200 30.7 23.7 35.5

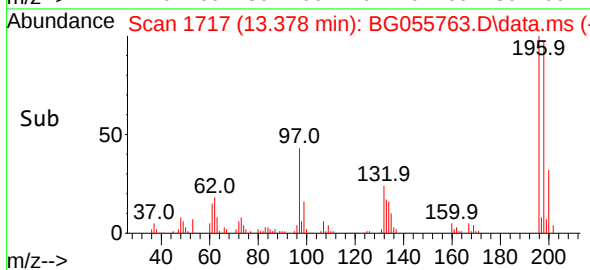
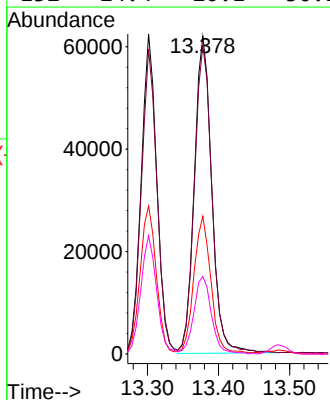
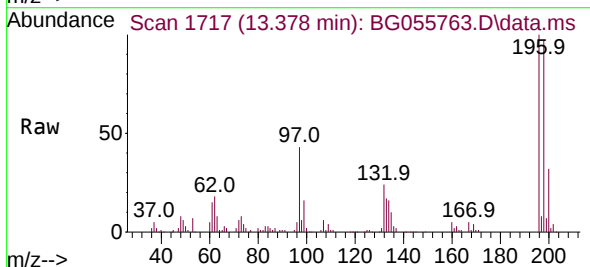
Manual Integrations
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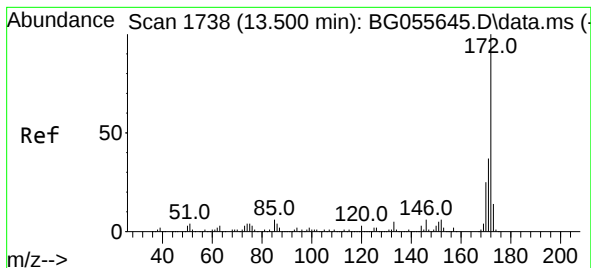
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#44
2,4,5-Trichlorophenol
Concen: 44.500 ng
RT: 13.378 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:196 Resp: 105364
Ion Ratio Lower Upper
196 100
198 97.2 74.1 111.1
97 43.3 34.8 52.2
132 24.4 20.1 30.1





#45

2-Fluorobiphenyl

Concen: 81.642 ng

RT: 13.484 min Scan# 1735

Delta R.T. -0.005 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

PB149128BS

Tgt Ion:172 Resp: 547736

Ion Ratio Lower Upper

172 100

171 36.6 29.8 44.6

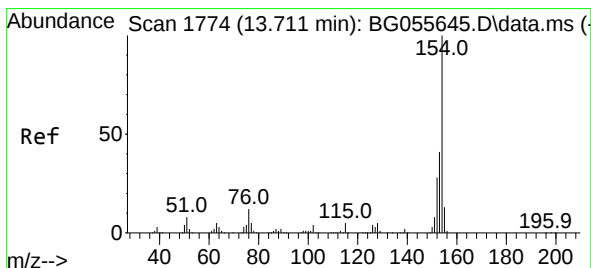
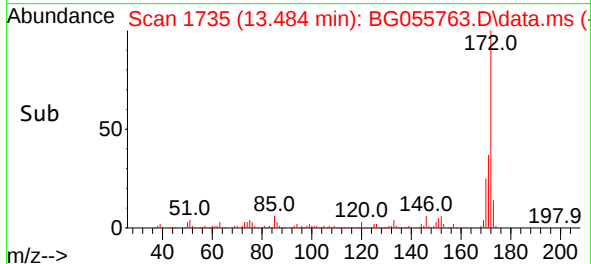
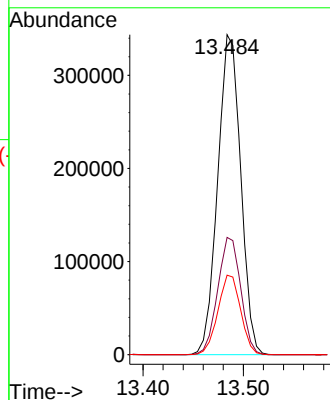
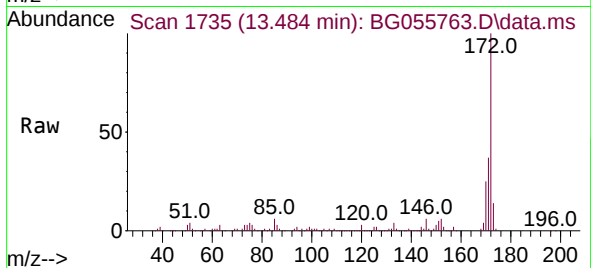
170 24.8 20.2 30.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/25/2022

Supervised By :Jagrut Upadhyay 11/25/2022



#46

1,1'-Biphenyl

Concen: 42.957 ng

RT: 13.695 min Scan# 1771

Delta R.T. -0.005 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

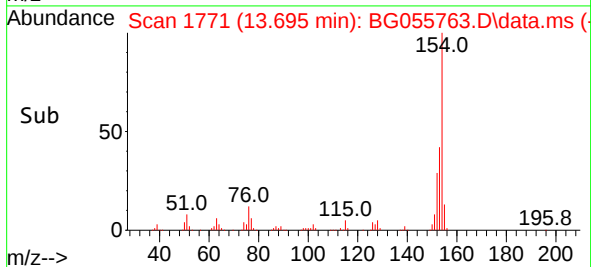
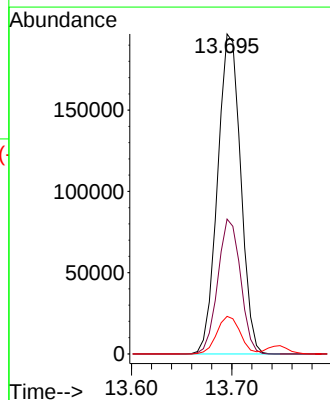
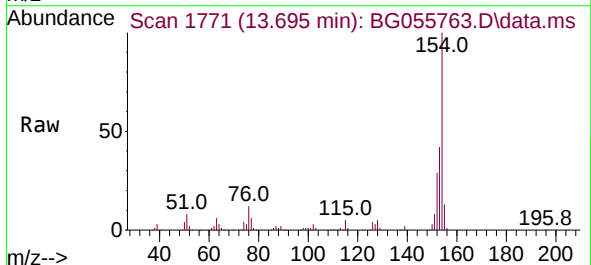
Tgt Ion:154 Resp: 314631

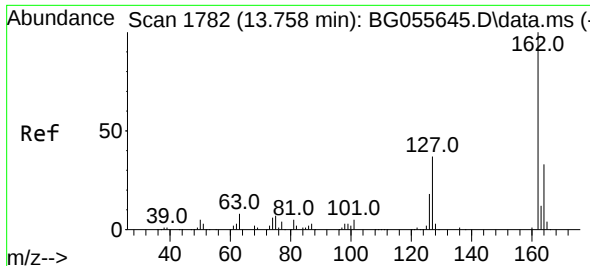
Ion Ratio Lower Upper

154 100

153 42.1 20.6 60.6

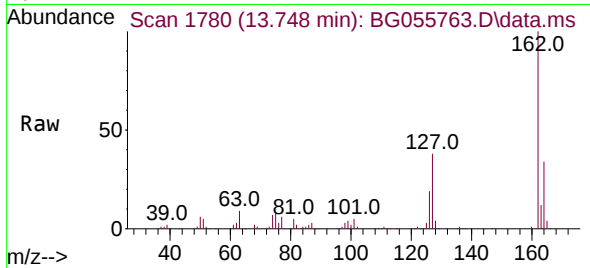
76 11.7 0.0 32.4





#47
2-Chloronaphthalene
Concen: 41.976 ng
RT: 13.748 min Scan# 1782
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

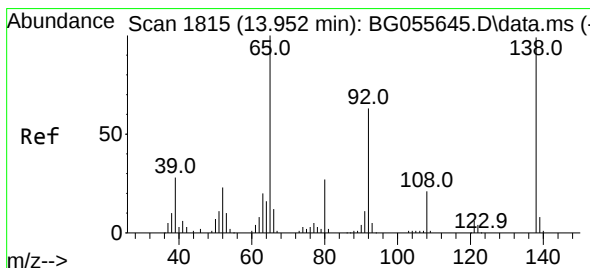
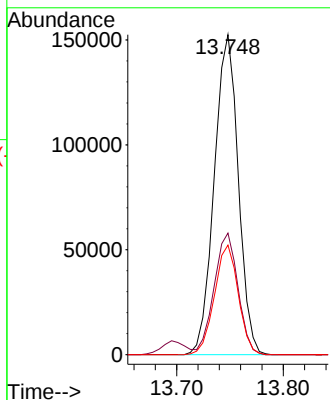
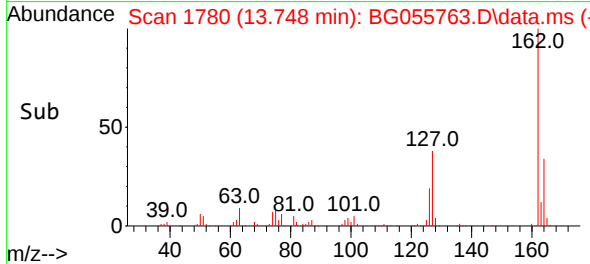
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion:162 Resp: 238966
Ion Ratio Lower Upper
162 100
127 38.0 29.9 44.9
164 34.2 26.4 39.6

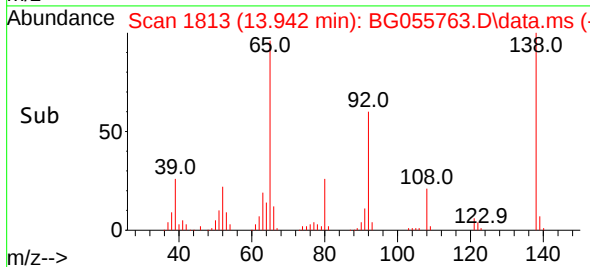
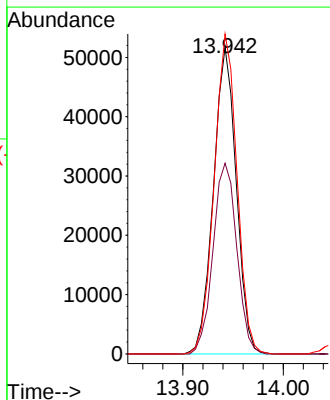
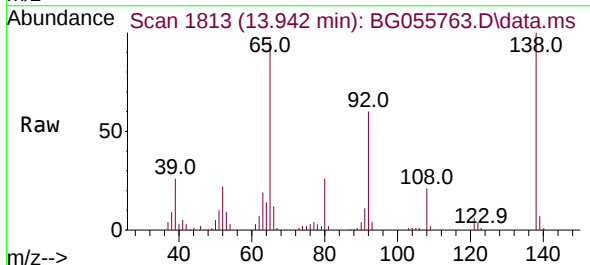
Manual Integrations
APPROVED

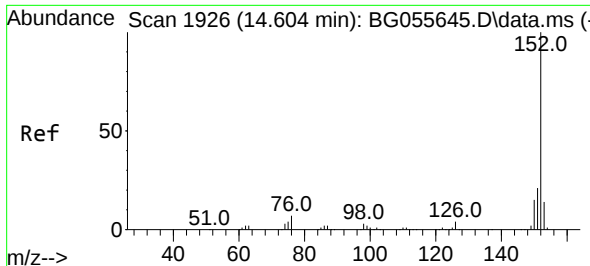
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#48
2-Nitroaniline
Concen: 43.732 ng
RT: 13.942 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion: 65 Resp: 81852
Ion Ratio Lower Upper
65 100
92 62.2 50.1 75.1
138 104.4 79.4 119.0





#49
Acenaphthylene
Concen: 43.058 ng
RT: 14.588 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

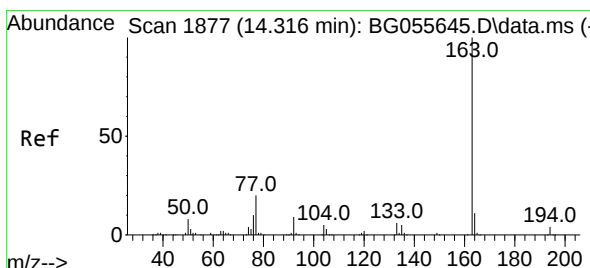
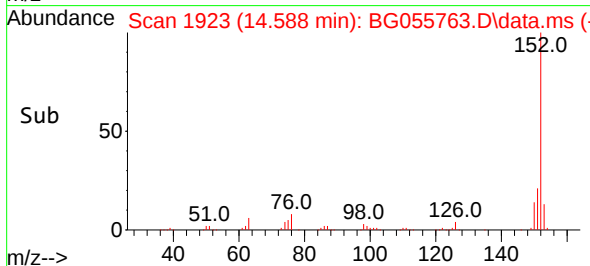
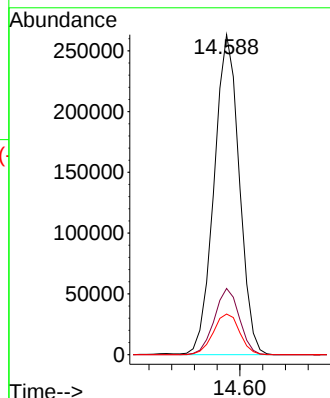
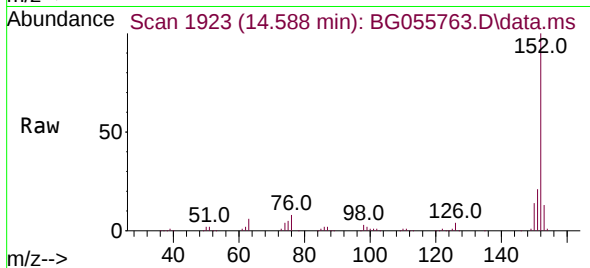
PB149128BS

Tgt Ion:152 Resp: 403653
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 12.7 11.0 16.4

Manual Integrations

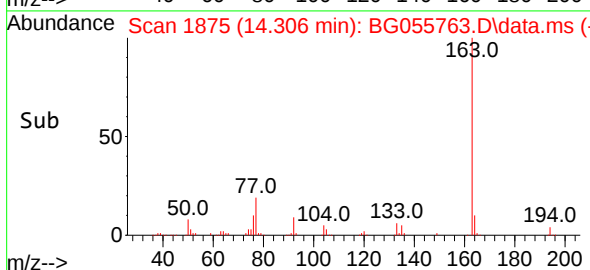
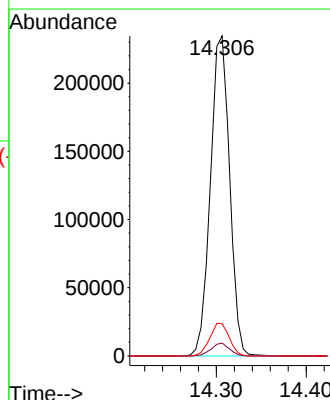
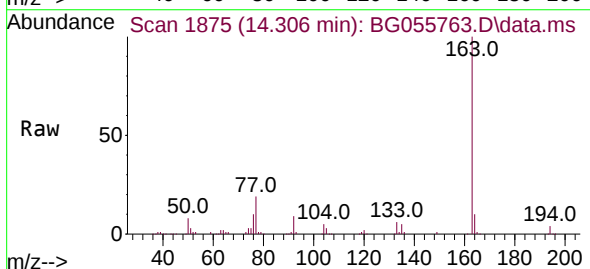
APPROVED

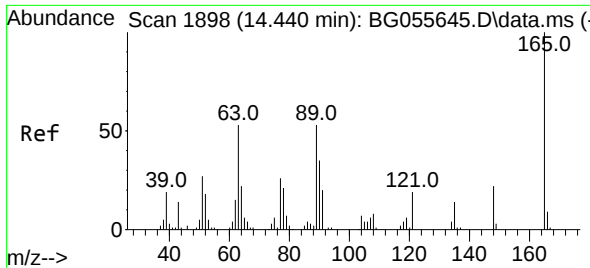
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#50
Dimethylphthalate
Concen: 43.470 ng
RT: 14.306 min Scan# 1875
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

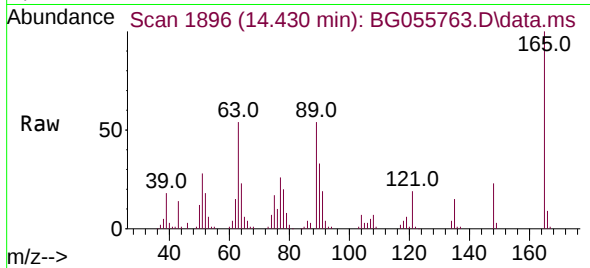
Tgt Ion:163 Resp: 348291
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.0 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.139 ng
RT: 14.430 min Scan# 1898
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

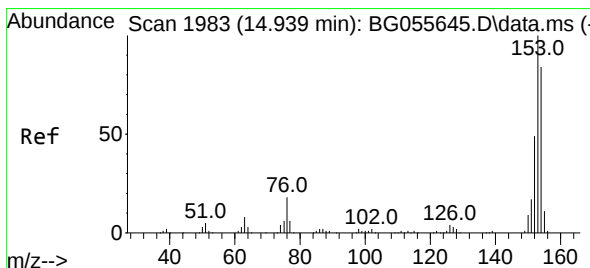
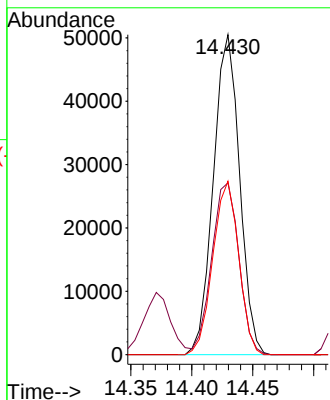
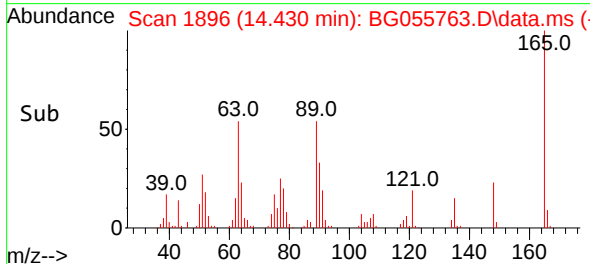
Instrument :
BNA_G
ClientSampleId :
PB149128BS



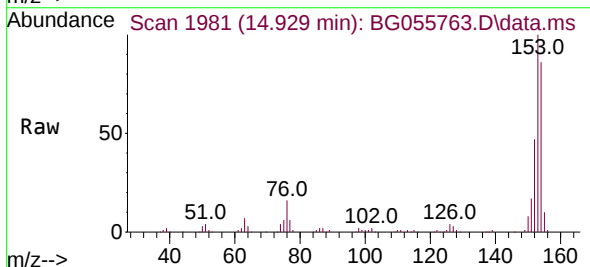
Tgt Ion:165 Resp: 75586
Ion Ratio Lower Upper
165 100
63 53.7 44.6 66.8
89 54.2 42.2 63.4

Manual Integrations
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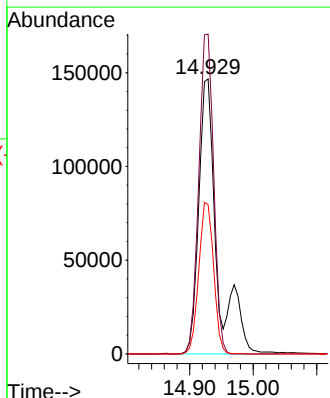
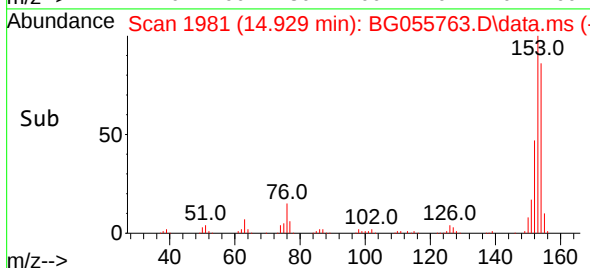
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

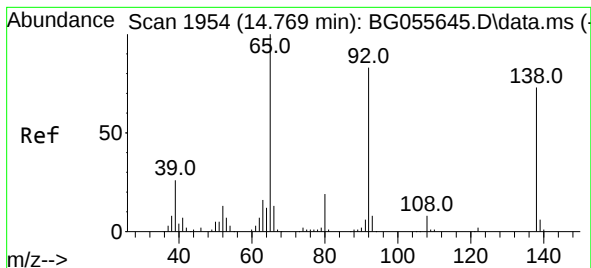


#52
Acenaphthene
Concen: 48.215 ng m
RT: 14.929 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



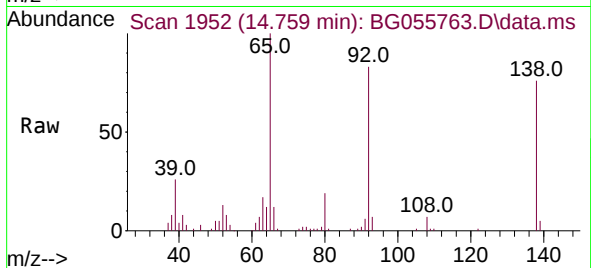
Tgt Ion:154 Resp: 295410
Ion Ratio Lower Upper
154 100
153 116.4 95.0 142.4
152 54.2 46.1 69.1





#53
3-Nitroaniline
Concen: 22.248 ng
RT: 14.759 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

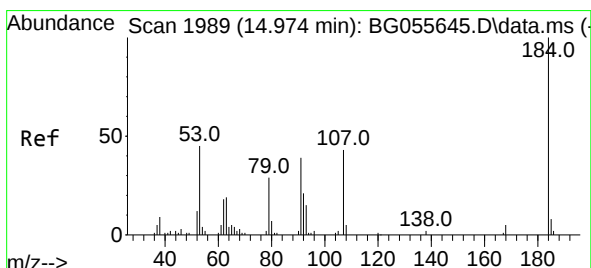
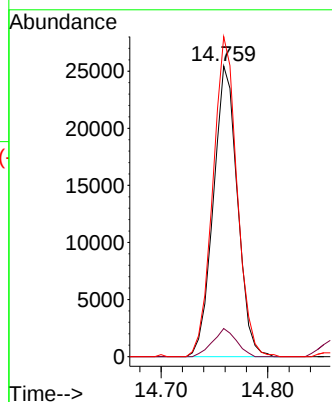
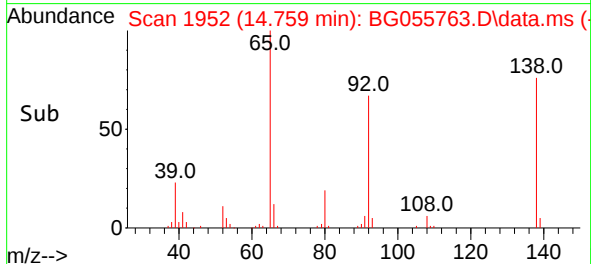
Instrument :
BNA_G
ClientSampleId :
PB149128BS



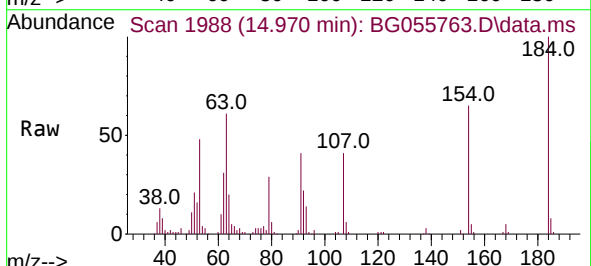
Tgt Ion:138 Resp: 4001
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 110.1 91.0 136.6

Manual Integrations
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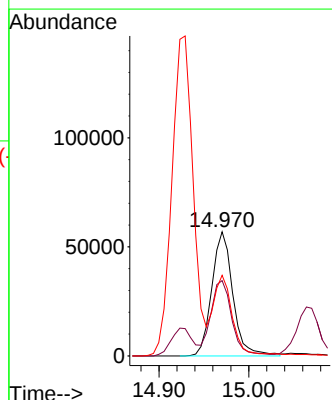
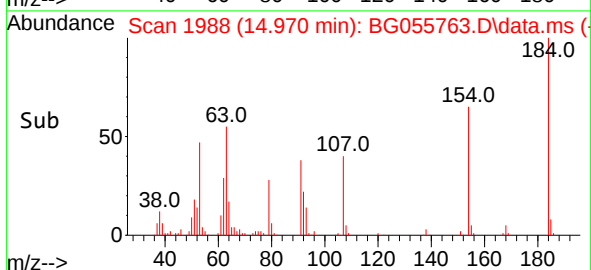
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#54
2,4-Dinitrophenol
Concen: 98.775 ng
RT: 14.970 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



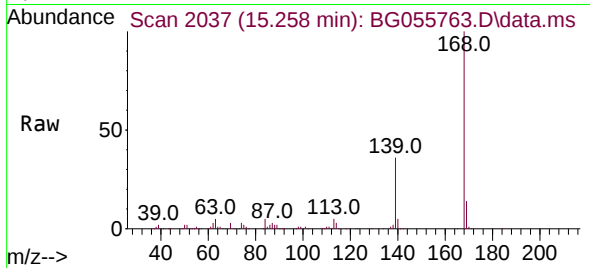
Tgt Ion:184 Resp: 93038
Ion Ratio Lower Upper
184 100
63 60.7 49.5 74.3
154 65.0 52.0 78.0





#55
Dibenzofuran
Concen: 42.848 ng
RT: 15.258 min Scan# 2040
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

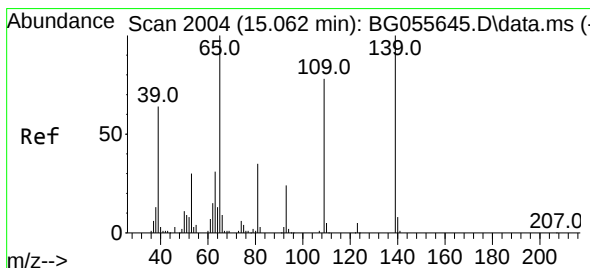
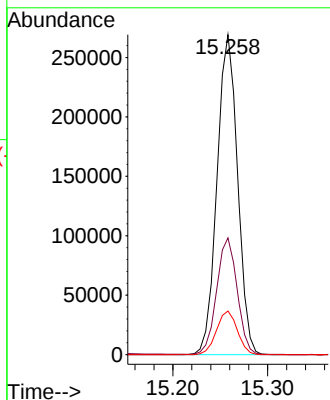
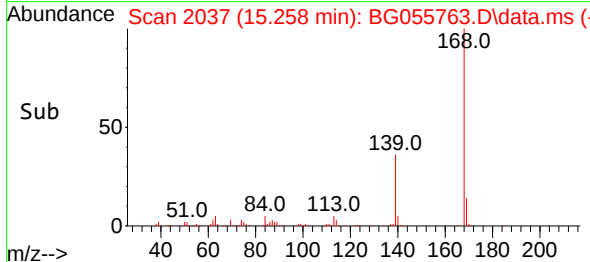
Instrument :
BNA_G
ClientSampleId :
PB149128BS



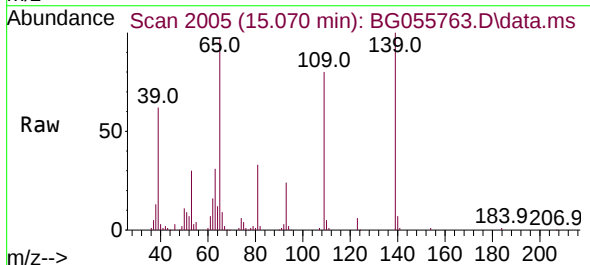
Tgt Ion:168 Resp: 404993
Ion Ratio Lower Upper
168 100
139 36.5 28.8 43.2
169 13.6 11.0 16.4

Manual Integrations
APPROVED

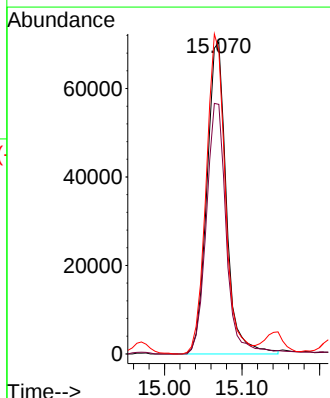
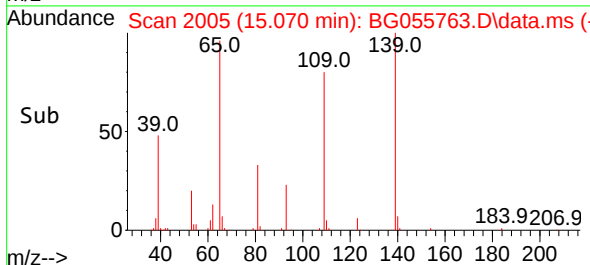
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

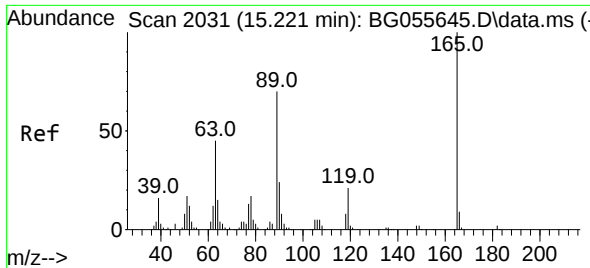


#56
4-Nitrophenol
Concen: 86.929 ng
RT: 15.070 min Scan# 2005
Delta R.T. 0.007 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



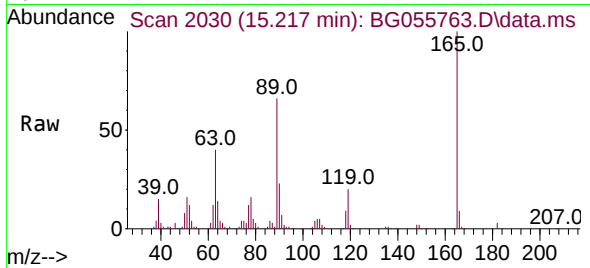
Tgt Ion:139 Resp: 122698
Ion Ratio Lower Upper
139 100
109 80.0 58.6 98.6
65 97.4 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 47.296 ng
RT: 15.217 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

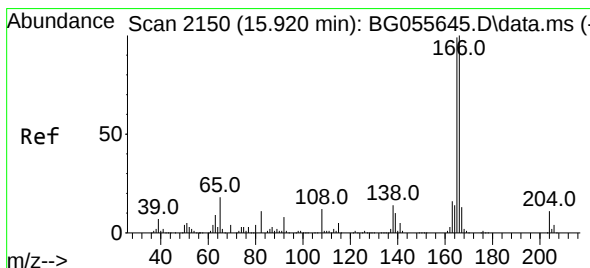
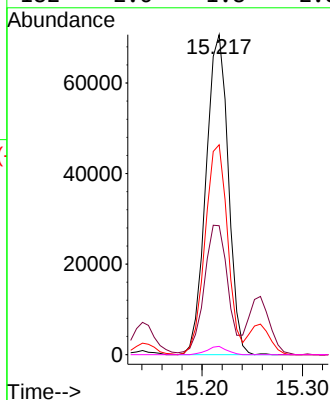
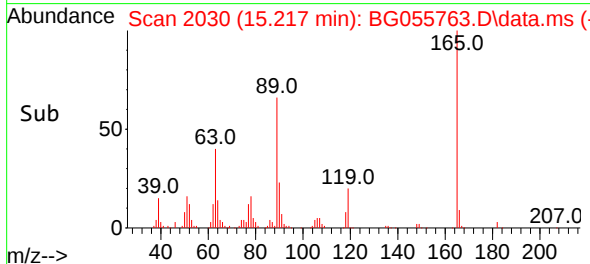
Instrument :
BNA_G
ClientSampleId :
PB149128BS



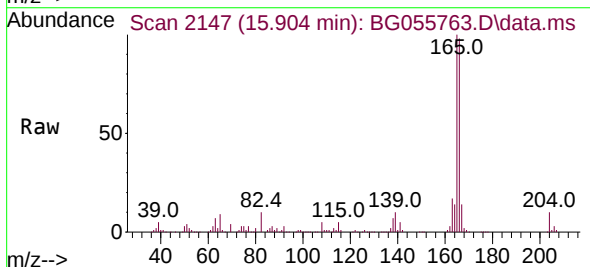
Tgt Ion:165 Resp: 109243
Ion Ratio Lower Upper
165 100
63 40.3 35.8 53.8
89 65.6 56.2 84.4
182 2.6 1.8 2.8

Manual Integrations
APPROVED

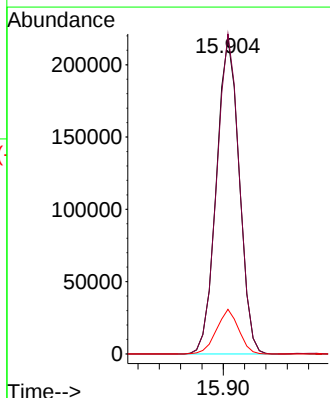
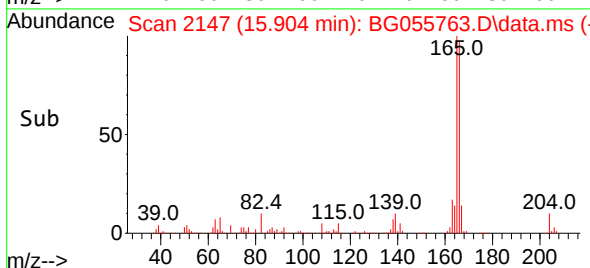
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

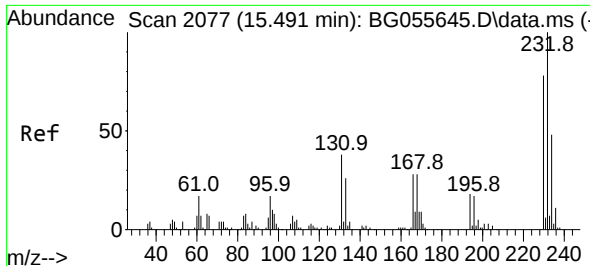


#58
Fluorene
Concen: 43.013 ng
RT: 15.904 min Scan# 2147
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



Tgt Ion:166 Resp: 324710
Ion Ratio Lower Upper
166 100
165 101.6 79.3 118.9
167 14.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.834 ng
RT: 15.481 min Scan# 2075
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

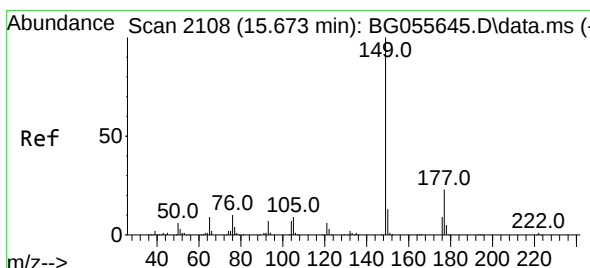
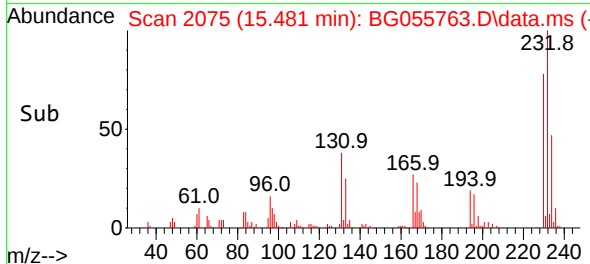
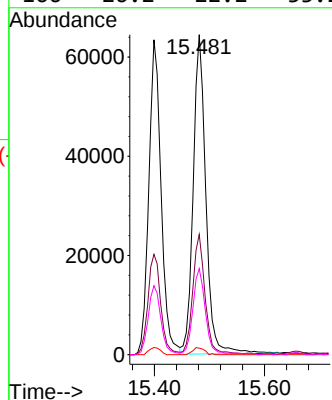
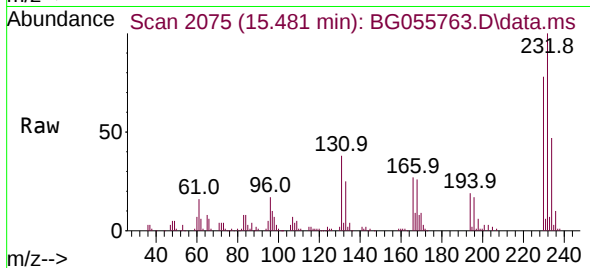
PB149128BS

Tgt Ion:232 Resp: 102859
Ion Ratio Lower Upper
232 100
131 36.0 29.8 44.8
130 2.0 1.7 2.5
166 26.2 22.2 33.2

Manual Integrations

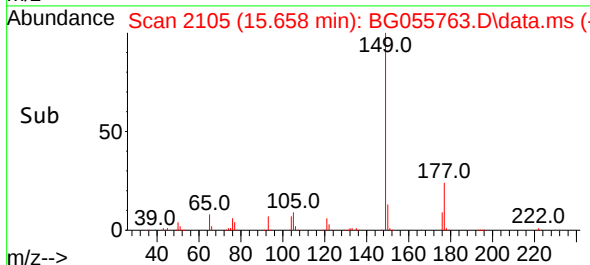
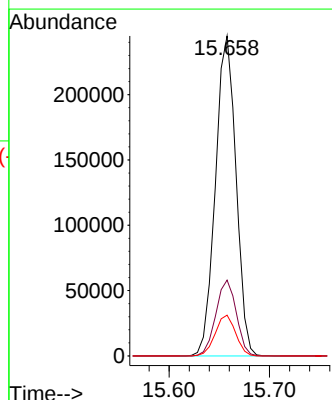
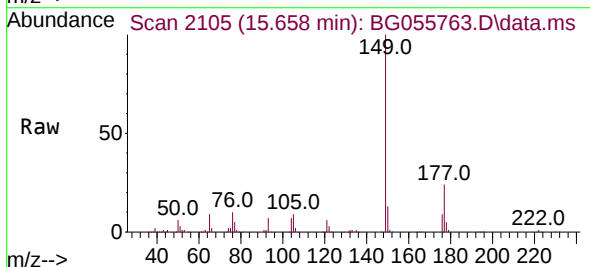
APPROVED

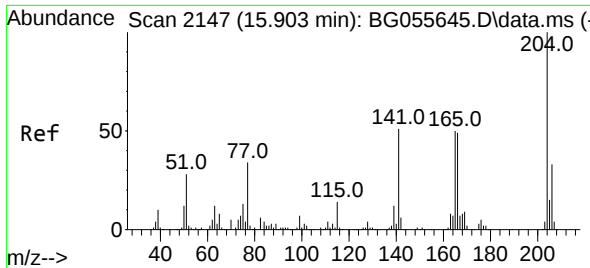
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#60
Diethylphthalate
Concen: 43.128 ng
RT: 15.658 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

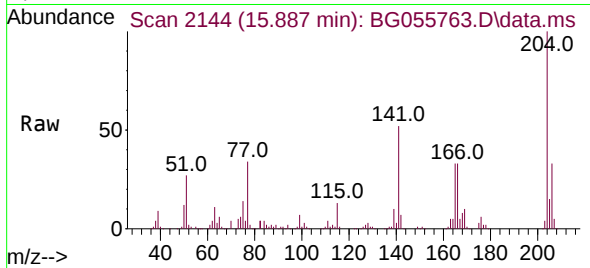
Tgt Ion:149 Resp: 349361
Ion Ratio Lower Upper
149 100
177 23.7 18.3 27.5
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.574 ng
RT: 15.887 min Scan# 2144
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

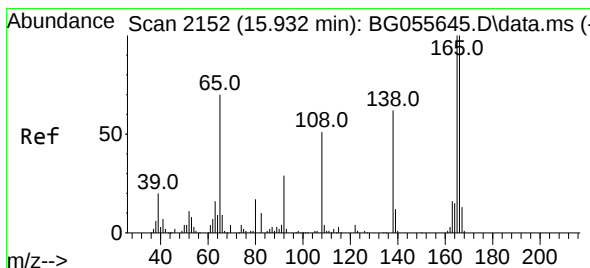
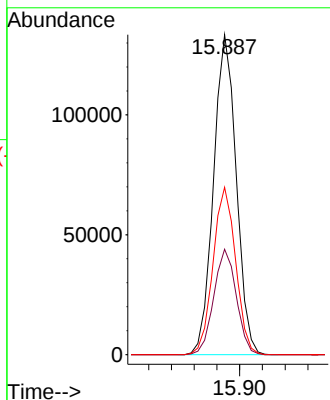
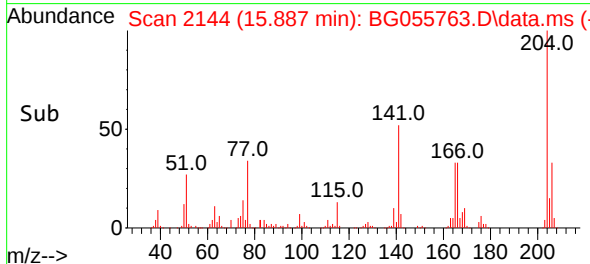
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion:204 Resp: 184970
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 52.3 40.6 61.0

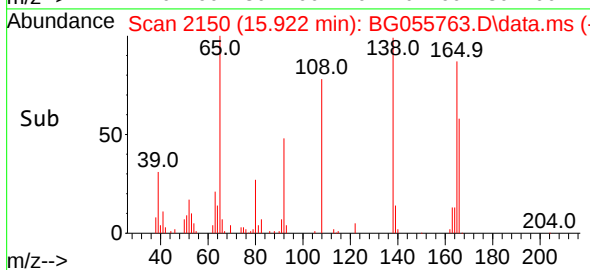
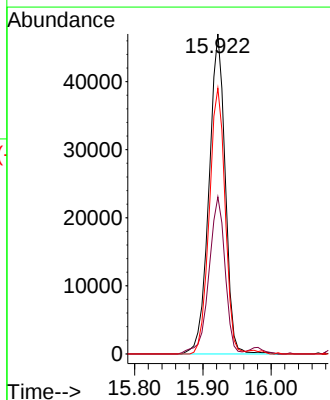
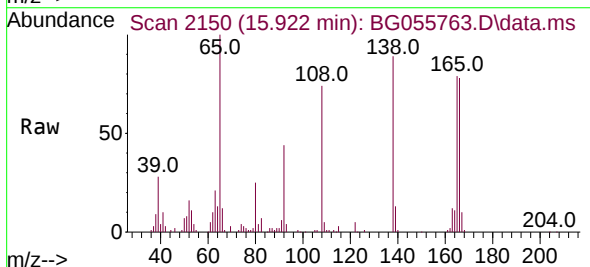
Manual Integrations
APPROVED

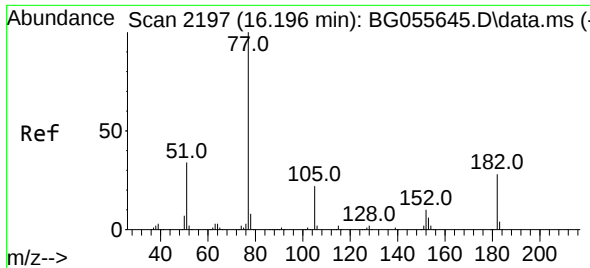
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#62
4-Nitroaniline
Concen: 41.197 ng
RT: 15.922 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:138 Resp: 77447
Ion Ratio Lower Upper
138 100
92 49.1 27.3 67.3
108 83.0 62.8 102.8





#63
Azobenzene
Concen: 42.539 ng
RT: 16.181 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

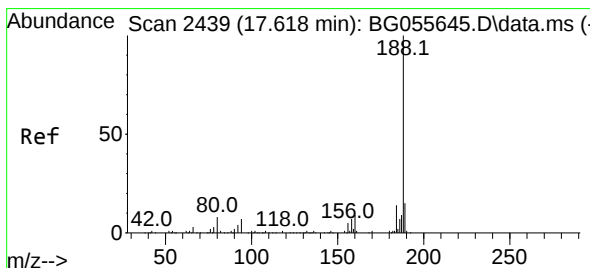
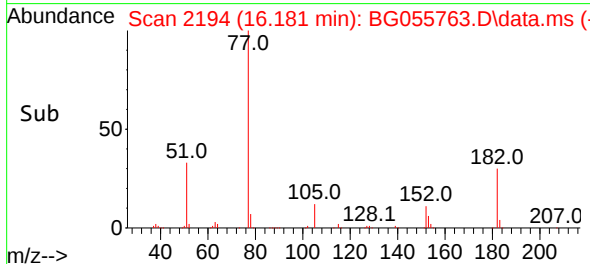
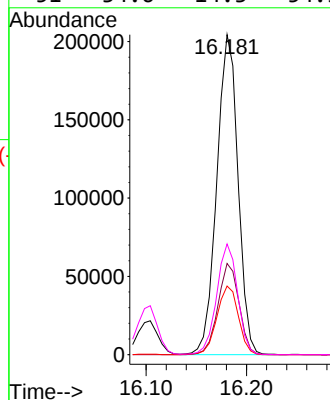
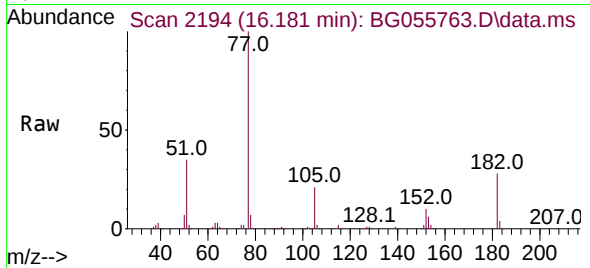
PB149128BS

Tgt Ion: 77 Resp: 300836
Ion Ratio Lower Upper
77 100
182 28.5 8.1 48.1
105 21.4 1.8 41.8
51 34.6 14.3 54.3

Manual Integrations

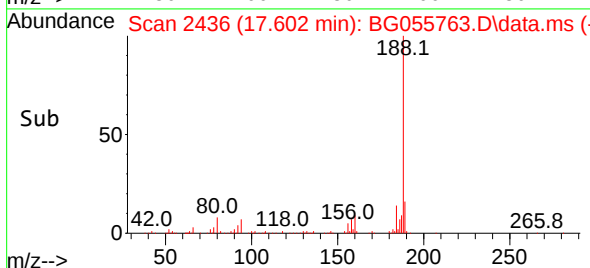
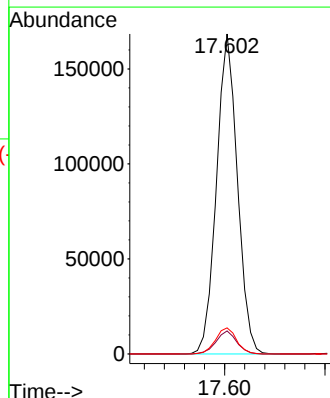
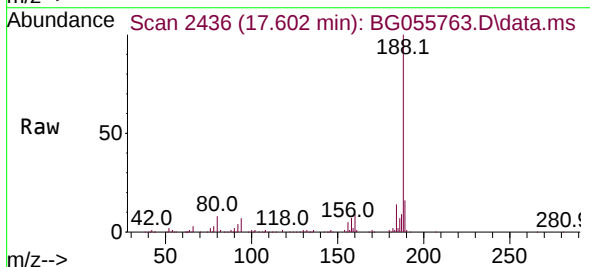
APPROVED

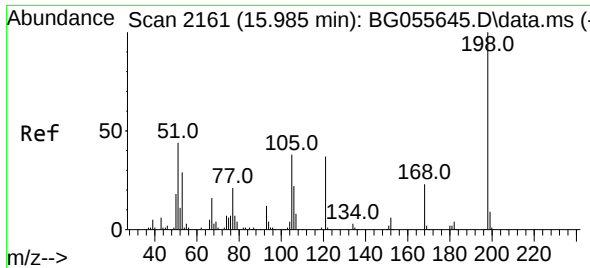
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.602 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:188 Resp: 243510
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.1 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.400 ng
RT: 15.981 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

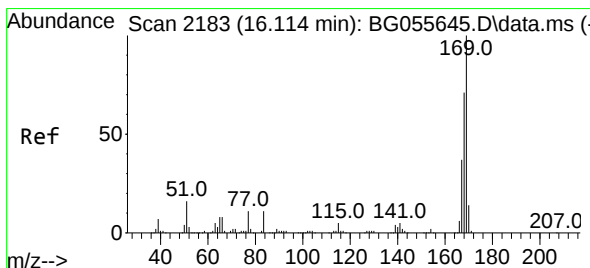
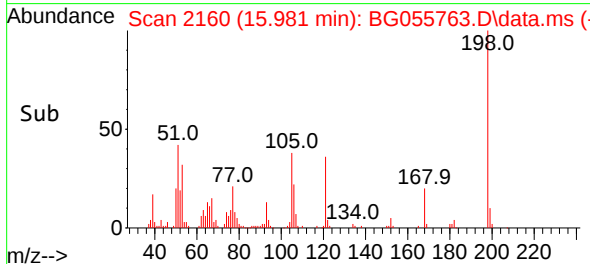
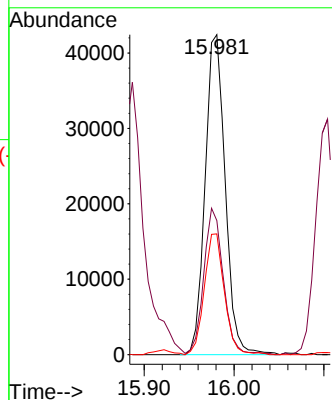
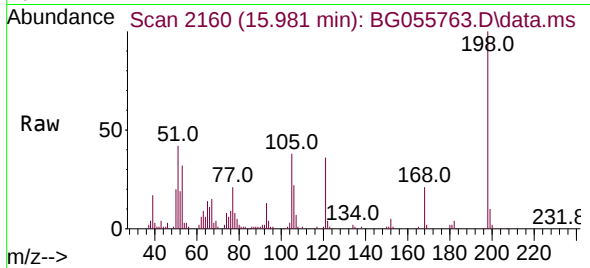
ClientSampleId :

PB149128BS

Tgt Ion:198 Resp: 65811
Ion Ratio Lower Upper
198 100
51 41.9 27.7 67.7
105 37.7 19.3 59.3

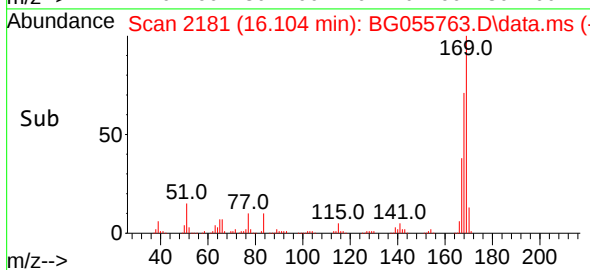
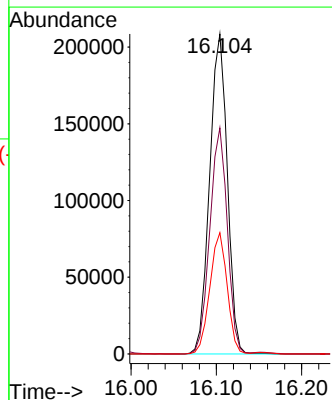
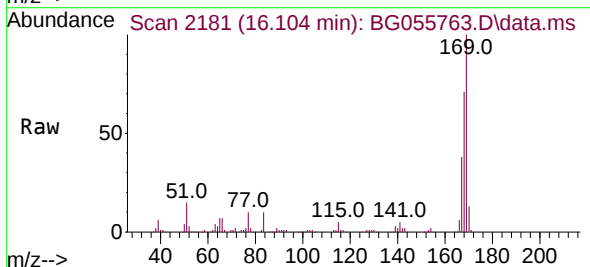
Manual Integrations
APPROVED

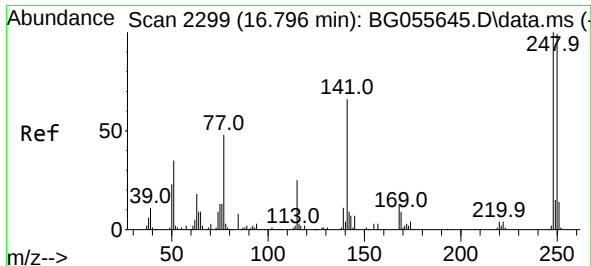
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#66
n-Nitrosodiphenylamine
Concen: 44.672 ng
RT: 16.104 min Scan# 2181
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

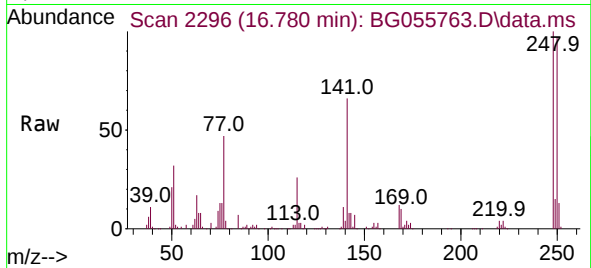
Tgt Ion:169 Resp: 299788
Ion Ratio Lower Upper
169 100
168 70.6 56.6 85.0
167 37.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 44.803 ng
RT: 16.780 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

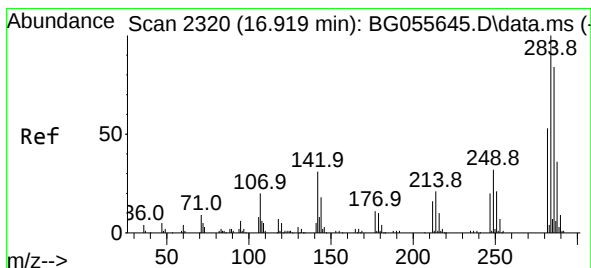
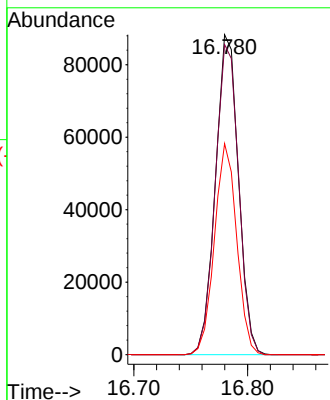
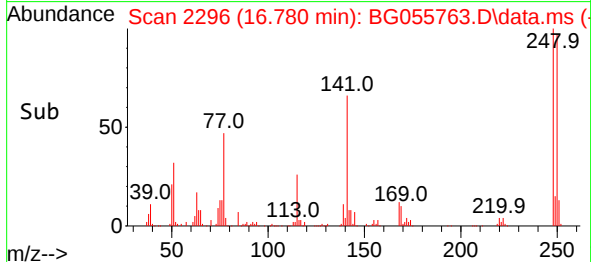
Instrument :
BNA_G
ClientSampleId :
PB149128BS



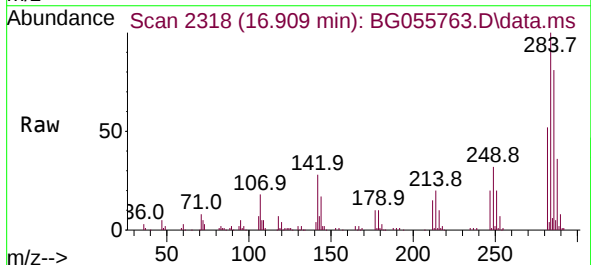
Tgt Ion:248 Resp: 124307
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.4
141 65.9 52.9 79.3

Manual Integrations
APPROVED

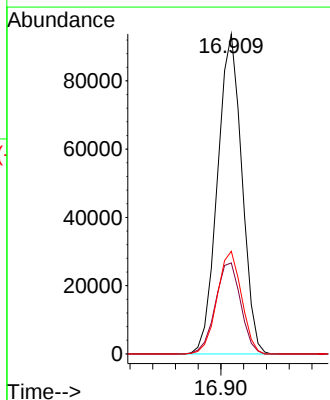
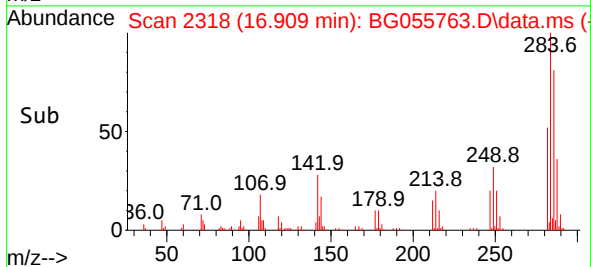
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

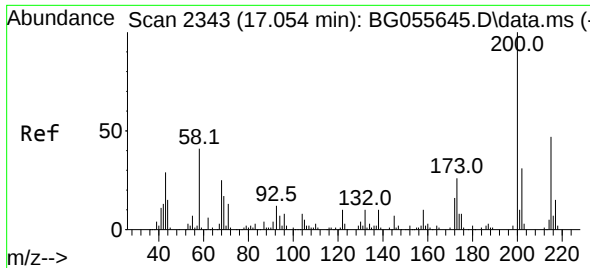


#68
Hexachlorobenzene
Concen: 45.358 ng
RT: 16.909 min Scan# 2318
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



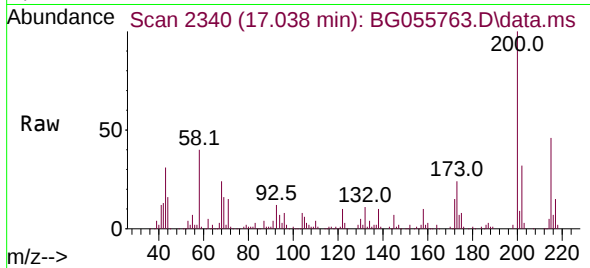
Tgt Ion:284 Resp: 139542
Ion Ratio Lower Upper
284 100
142 28.4 24.8 37.2
249 32.1 25.7 38.5





#69
 Atrazine
 Concen: 48.444 ng
 RT: 17.038 min Scan# 2340
 Delta R.T. -0.005 min
 Lab File: BG055763.D
 Acq: 23 Nov 2022 20:16

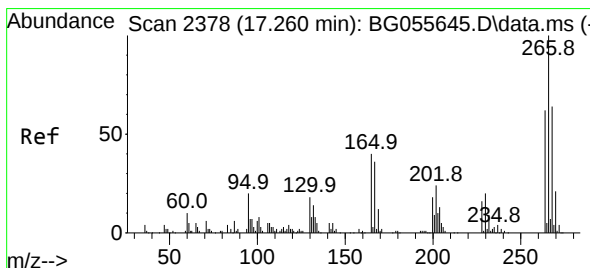
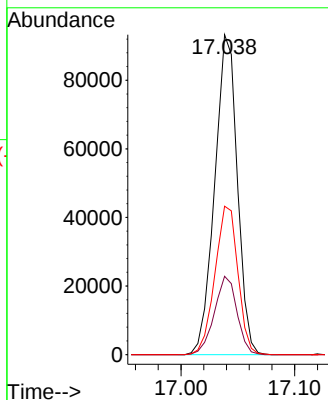
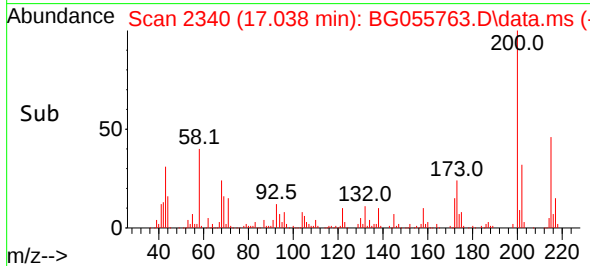
Instrument :
 BNA_G
 ClientSampleId :
 PB149128BS



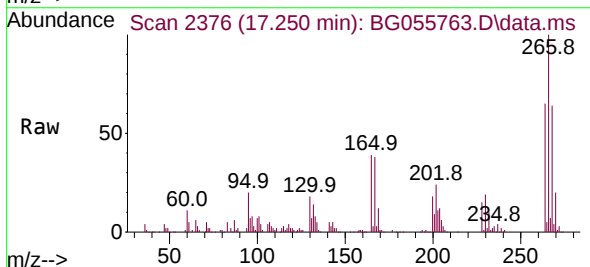
Tgt Ion:200 Resp: 128572
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.6 45.6
 215 46.4 27.2 67.2

Manual Integrations
 APPROVED

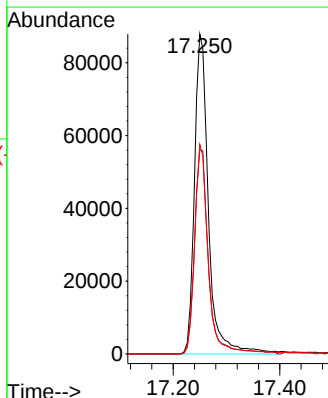
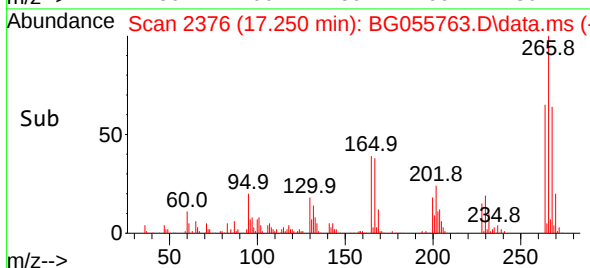
Reviewed By :Christian Giraldo 11/25/2022
 Supervised By :Jagrut Upadhyay 11/25/2022

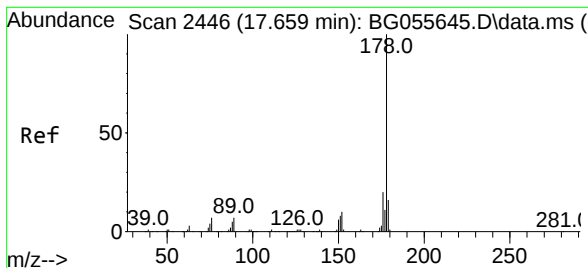


#70
 Pentachlorophenol
 Concen: 85.021 ng
 RT: 17.250 min Scan# 2376
 Delta R.T. -0.005 min
 Lab File: BG055763.D
 Acq: 23 Nov 2022 20:16



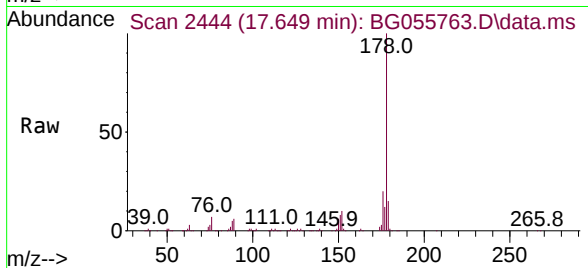
Tgt Ion:266 Resp: 160008
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 65.5 49.5 74.3





#71
Phenanthrene
Concen: 42.769 ng
RT: 17.649 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

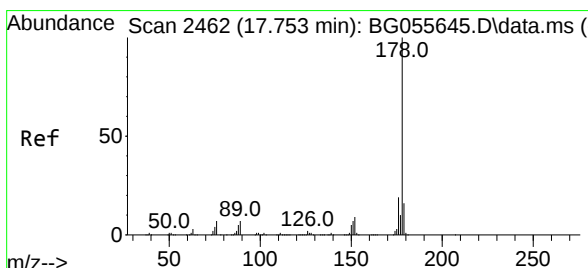
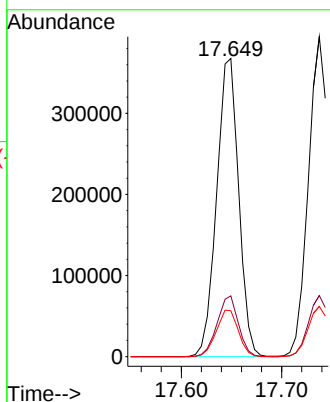
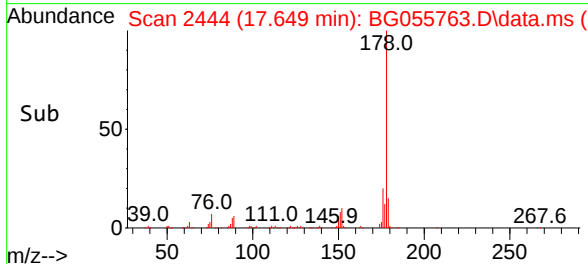
Instrument :
BNA_G
ClientSampleId :
PB149128BS



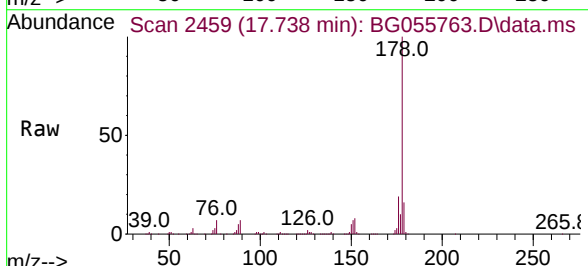
Tgt Ion:178 Resp: 562019
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.4 12.7 19.1

Manual Integrations
APPROVED

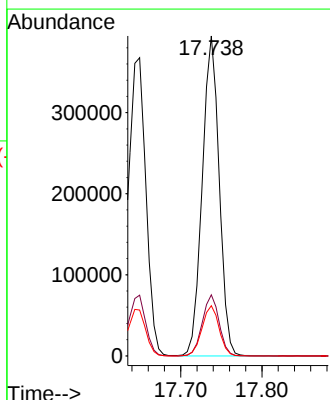
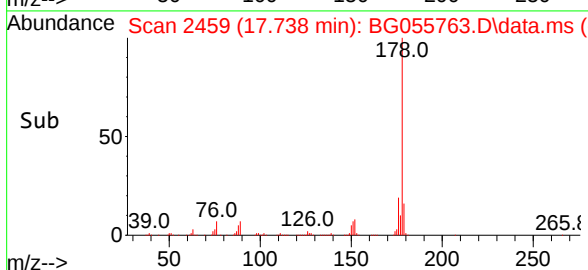
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

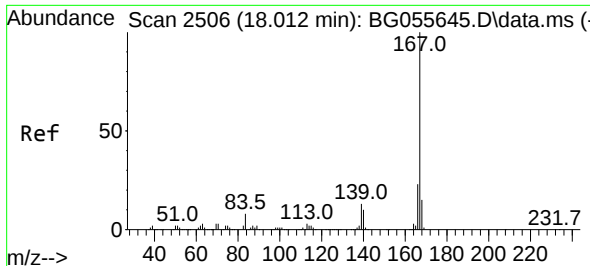


#72
Anthracene
Concen: 44.809 ng
RT: 17.738 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



Tgt Ion:178 Resp: 572119
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.7 12.5 18.7





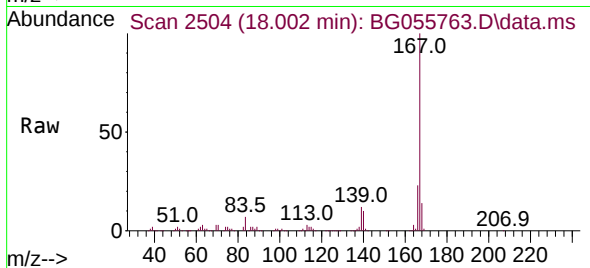
#73
Carbazole
Concen: 44.671 ng
RT: 18.002 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

PB149128BS

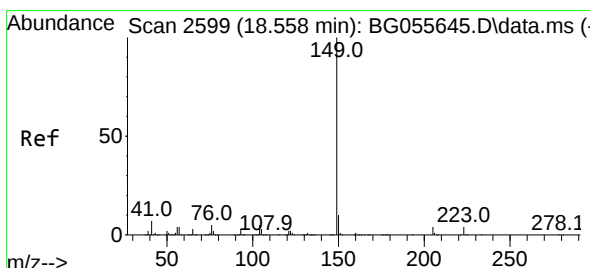
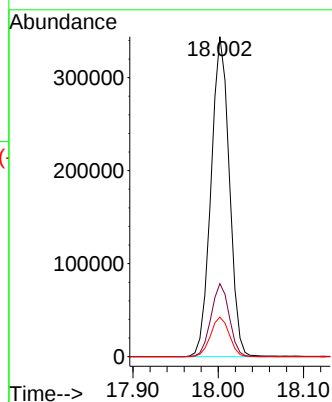
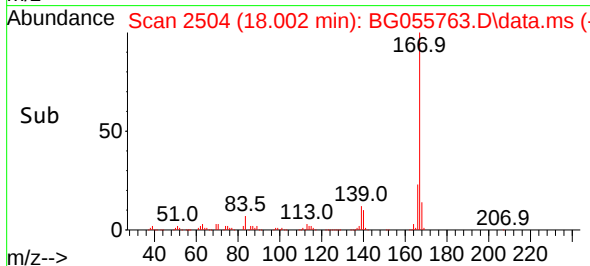


Tgt Ion:167 Resp: 512744
Ion Ratio Lower Upper
167 100
166 22.8 18.2 27.2
139 12.3 10.2 15.4

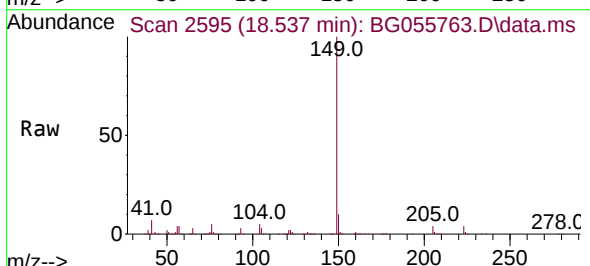
Manual Integrations

APPROVED

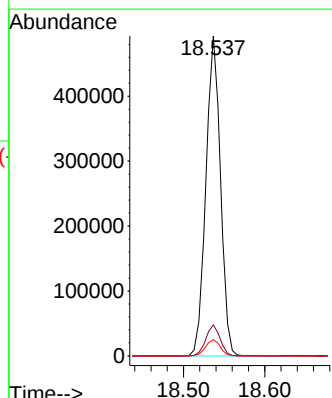
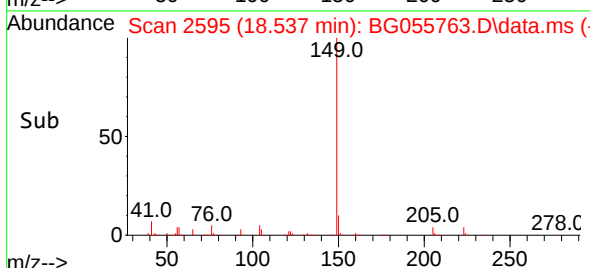
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

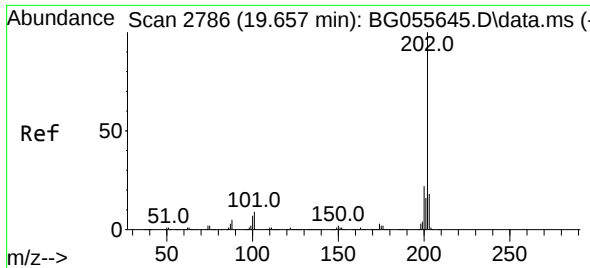


#74
Di-n-butylphthalate
Concen: 43.145 ng
RT: 18.537 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



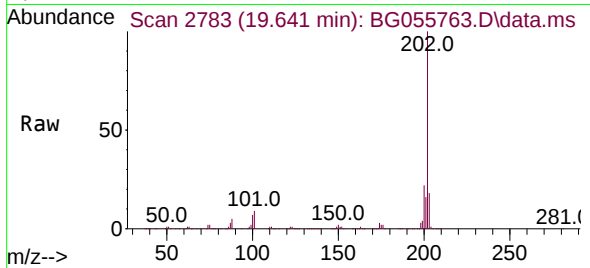
Tgt Ion:149 Resp: 614931
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 42.717 ng
RT: 19.641 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

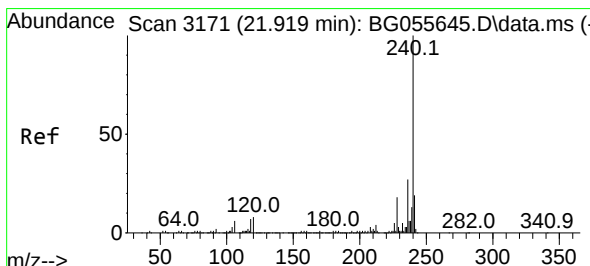
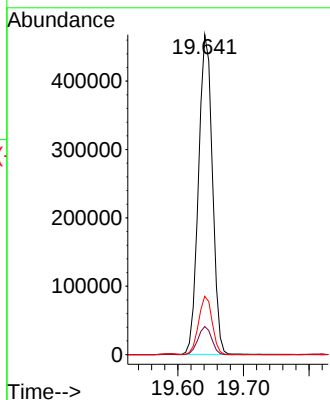
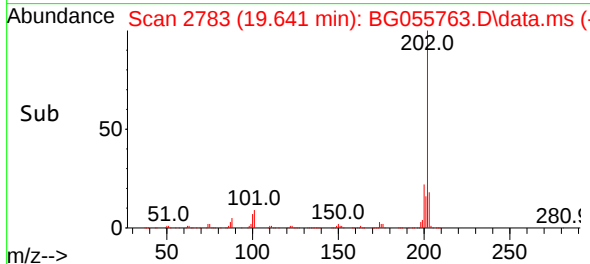
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion:202 Resp: 682914
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.8
203 18.3 0.0 38.1

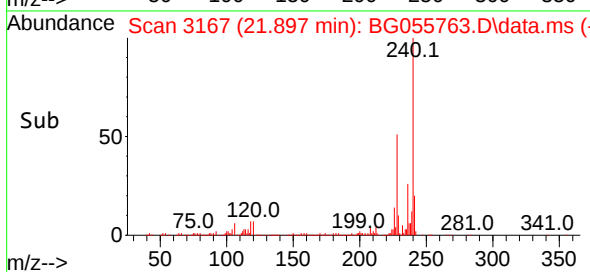
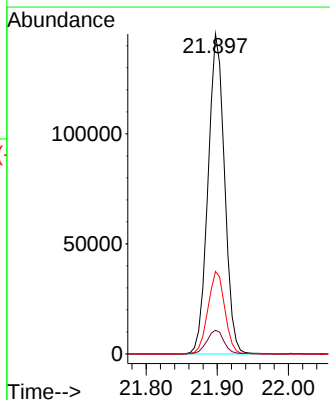
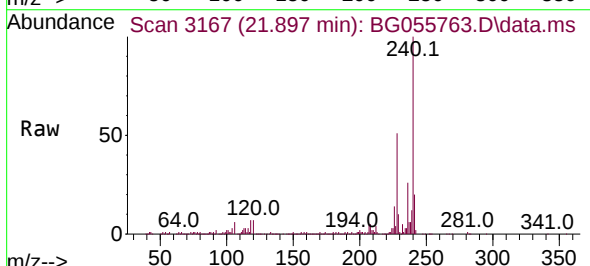
Manual Integrations
APPROVED

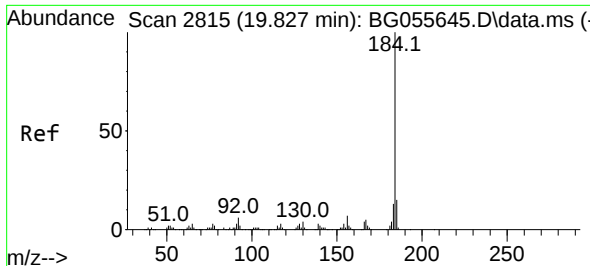
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.897 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

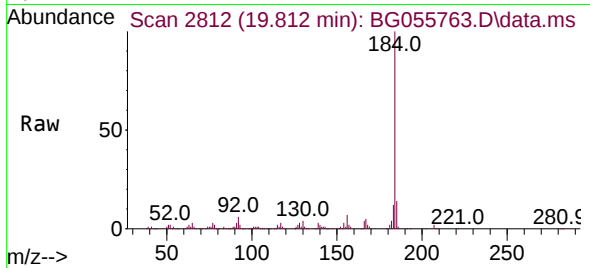
Tgt Ion:240 Resp: 234950
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 25.8 21.9 32.9





#77
Benzidine
Concen: 37.890 ng
RT: 19.812 min Scan# 2812
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

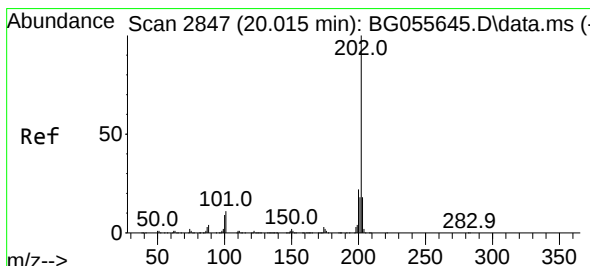
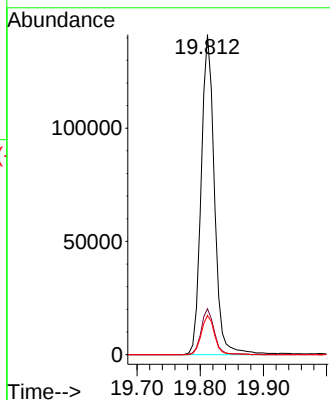
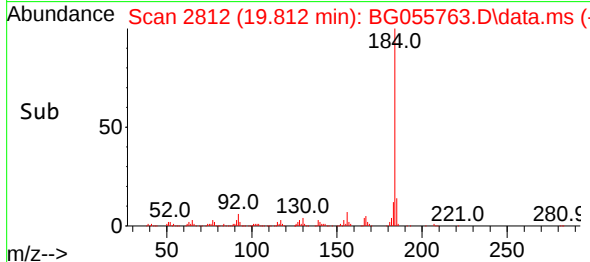
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion:184 Resp: 205951
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 12.3 10.6 15.8

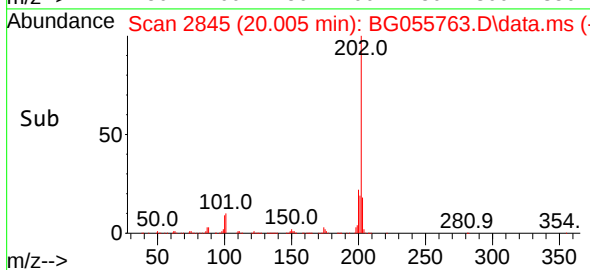
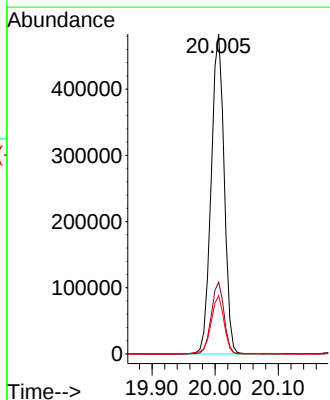
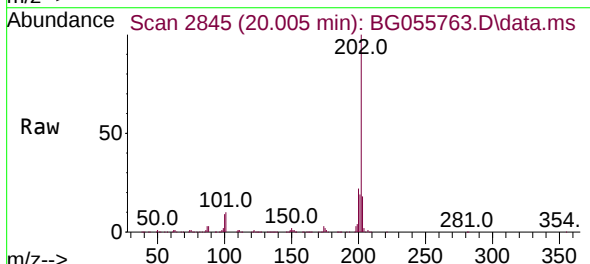
Manual Integrations
APPROVED

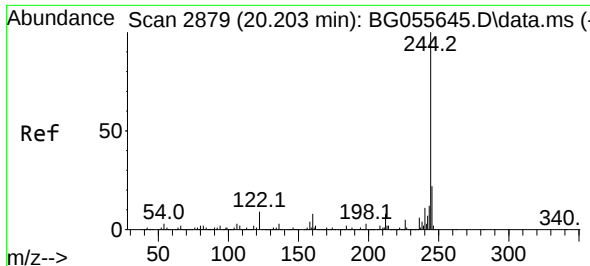
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#78
Pyrene
Concen: 43.481 ng
RT: 20.005 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:202 Resp: 691492
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.2 14.4 21.6





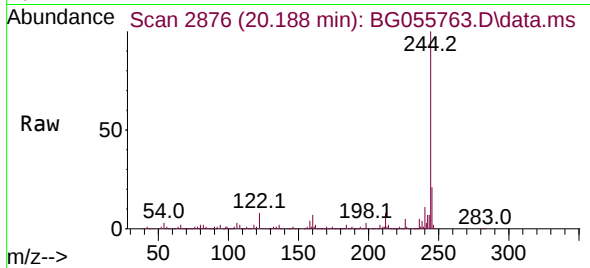
#79
 Terphenyl-d14
 Concen: 89.756 ng
 RT: 20.188 min Scan# 2879
 Delta R.T. -0.005 min
 Lab File: BG055763.D
 Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

PB149128BS

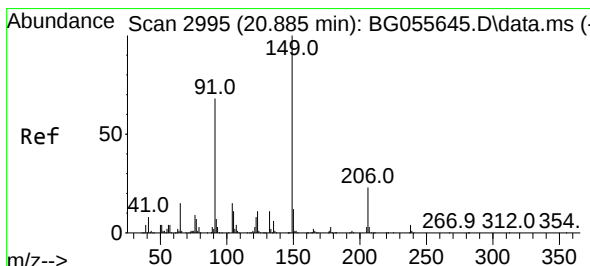
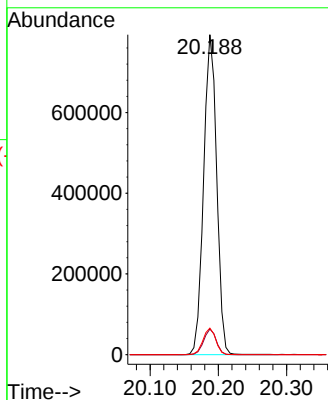
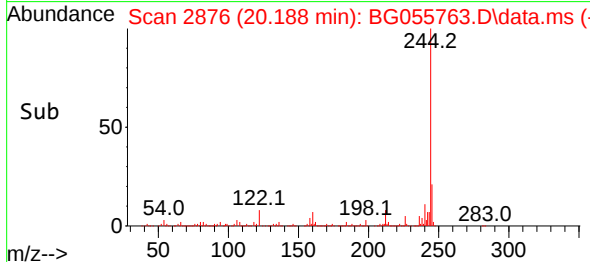


Tgt Ion:244 Resp: 1054342
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.3 6.9 10.3

Manual Integrations

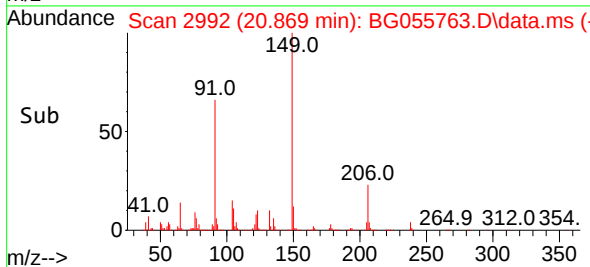
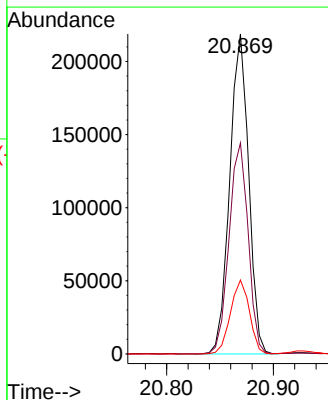
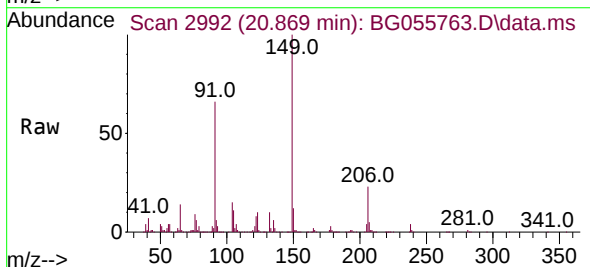
APPROVED

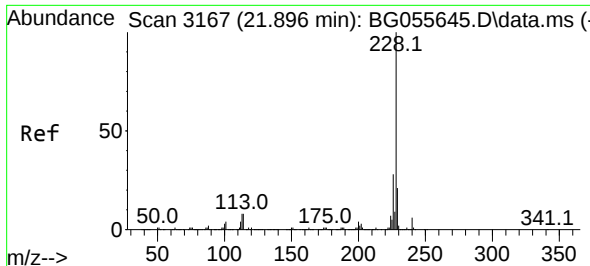
Reviewed By :Christian Giraldo 11/25/2022
 Supervised By :Jagrut Upadhyay 11/25/2022



#80
 Butylbenzylphthalate
 Concen: 43.168 ng
 RT: 20.869 min Scan# 2992
 Delta R.T. 0.001 min
 Lab File: BG055763.D
 Acq: 23 Nov 2022 20:16

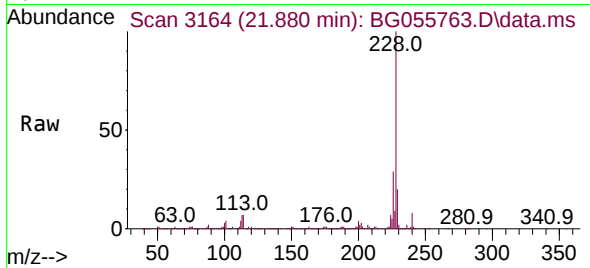
Tgt Ion:149 Resp: 268755
 Ion Ratio Lower Upper
 149 100
 91 65.9 54.6 81.8
 206 23.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 42.298 ng
RT: 21.880 min Scan# 3164
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

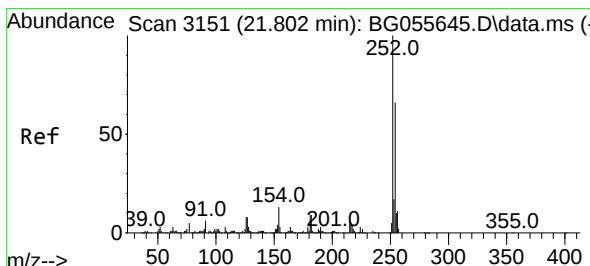
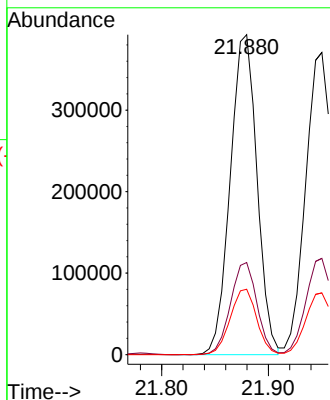
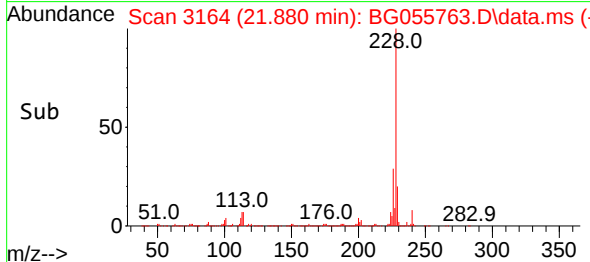
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion:228 Resp: 684481
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.4 16.5 24.7

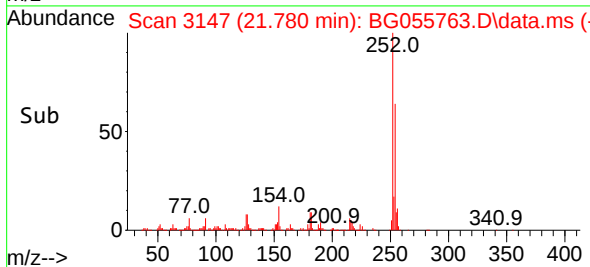
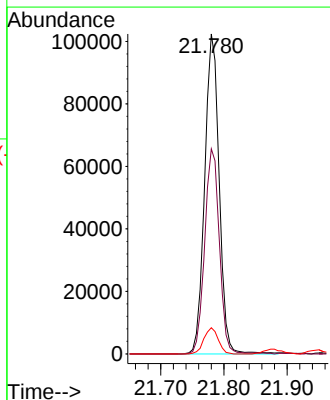
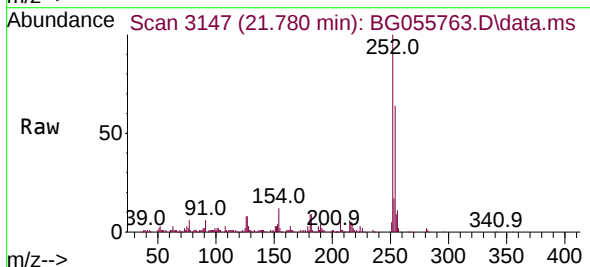
Manual Integrations
APPROVED

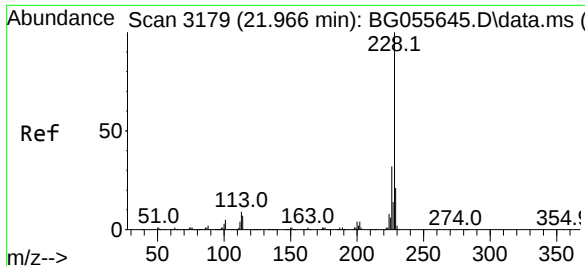
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.663 ng
RT: 21.780 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

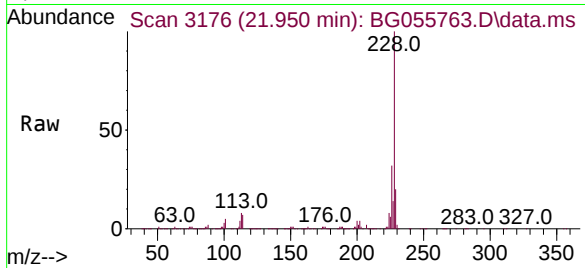
Tgt Ion:252 Resp: 162987
Ion Ratio Lower Upper
252 100
254 64.1 53.0 79.6
126 8.2 6.7 10.1





#83
Chrysene
Concen: 42.159 ng
RT: 21.950 min Scan# 3179
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

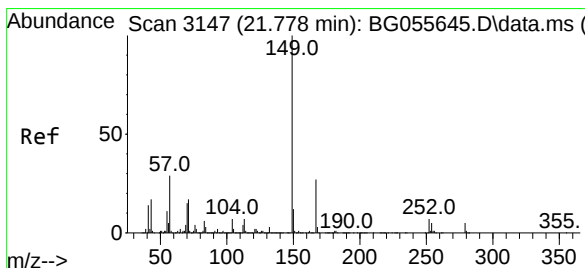
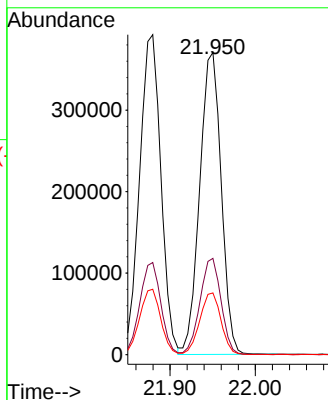
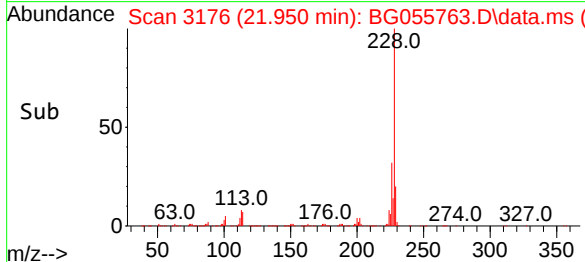
Instrument :
BNA_G
ClientSampleId :
PB149128BS



Tgt Ion:228 Resp: 649486
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.2
229 20.4 17.1 25.7

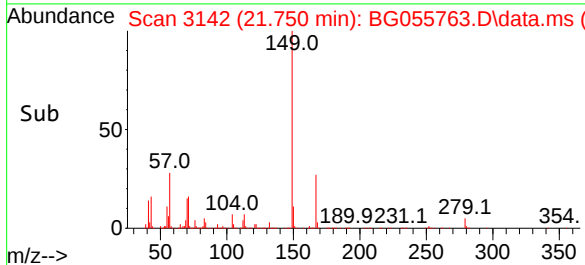
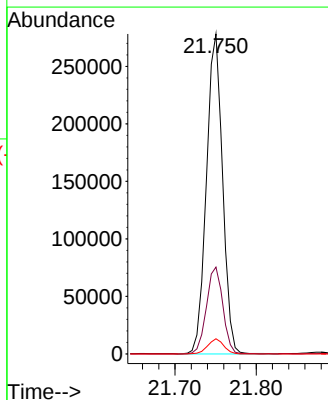
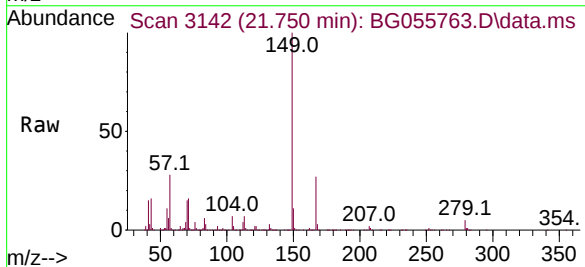
Manual Integrations
APPROVED

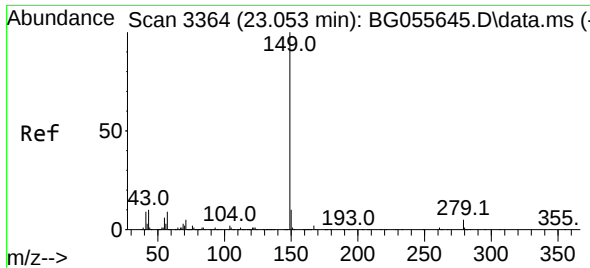
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.981 ng
RT: 21.750 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

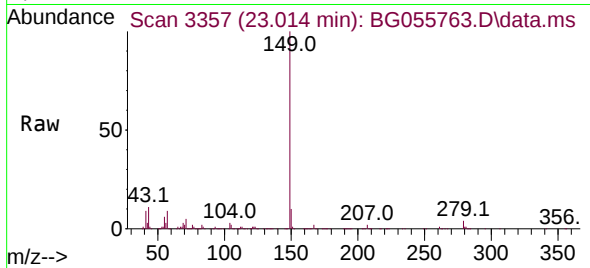
Tgt Ion:149 Resp: 384564
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.7 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 43.221 ng
RT: 23.014 min Scan# 3364
Delta R.T. -0.010 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

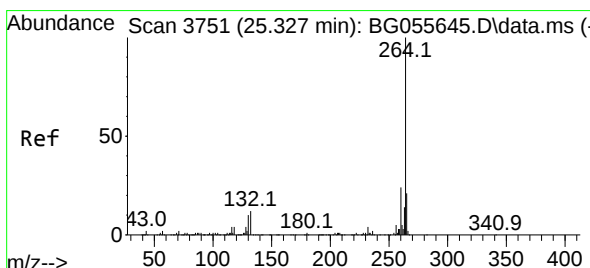
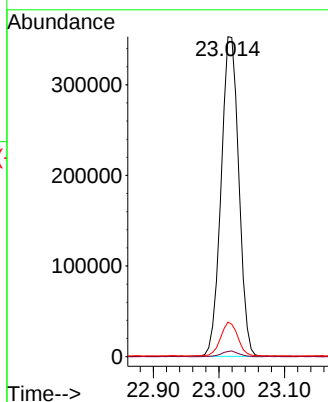
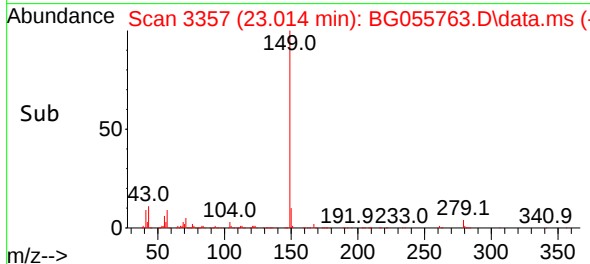
Instrument :
BNA_G
ClientSampleId :
PB149128BS



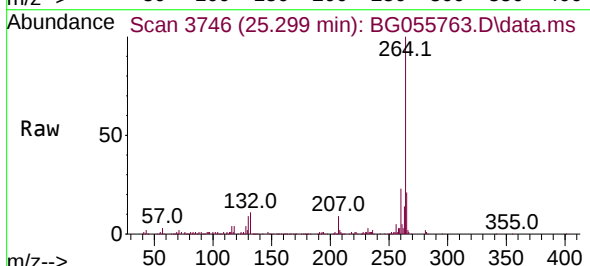
Tgt Ion:149 Resp: 661793
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 8.4 12.6

Manual Integrations
APPROVED

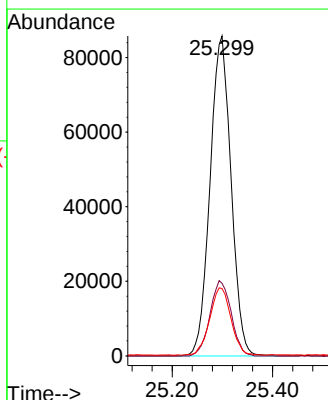
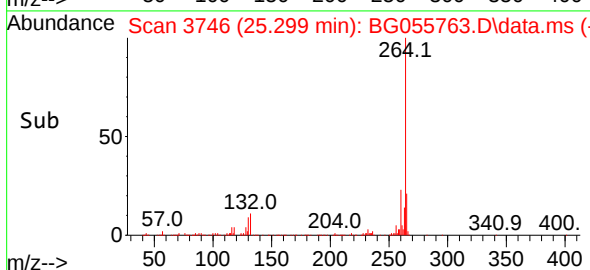
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022

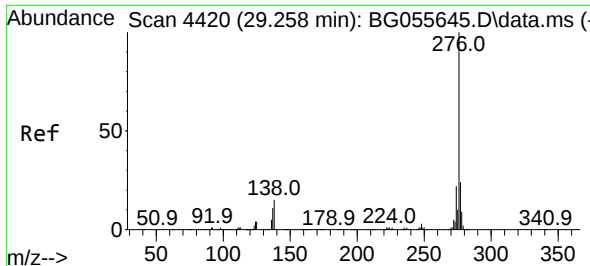


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.299 min Scan# 3746
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16



Tgt Ion:264 Resp: 248856
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.0 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.322 ng
RT: 29.212 min Scan# 4420
Delta R.T. -0.022 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

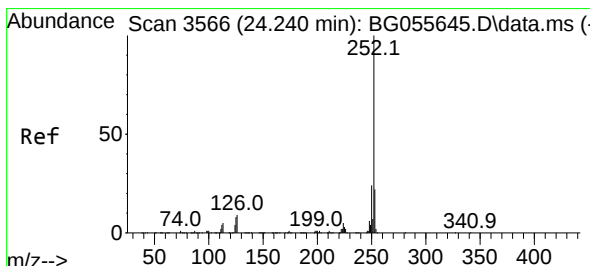
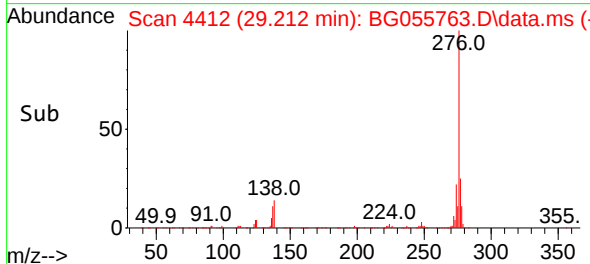
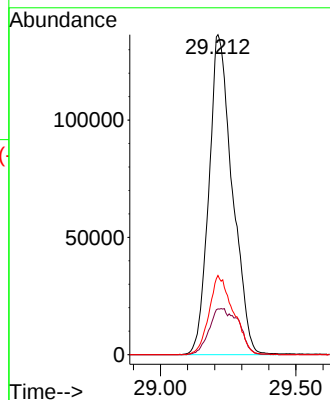
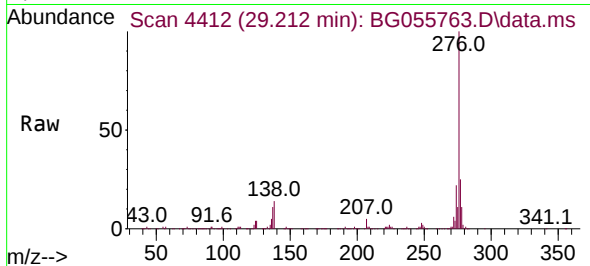
ClientSampleId :

PB149128BS

Tgt Ion:276 Resp: 822038
Ion Ratio Lower Upper
276 100
138 18.2 10.4 15.6
277 25.7 20.2 30.4

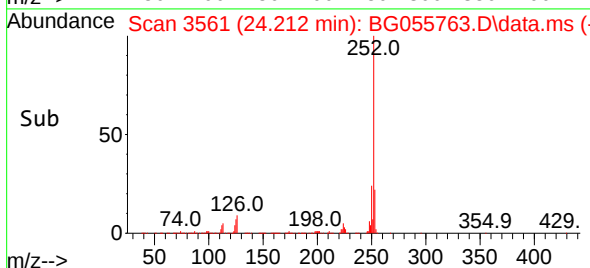
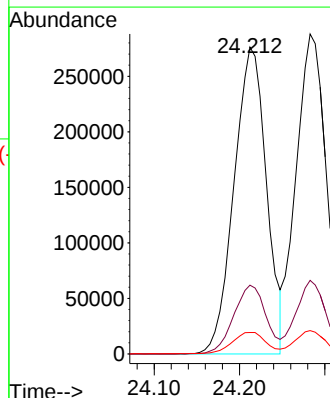
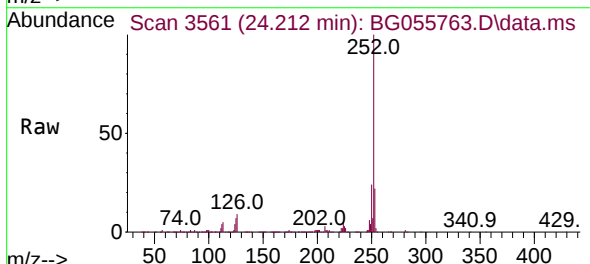
Manual Integrations
APPROVED

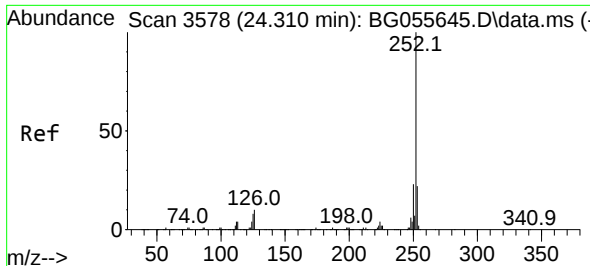
Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#88
Benzo(b)fluoranthene
Concen: 44.963 ng
RT: 24.212 min Scan# 3561
Delta R.T. -0.004 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:252 Resp: 728715
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 7.0 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 43.641 ng

RT: 24.283 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

ClientSampleId :

PB149128BS

Tgt Ion:252 Resp: 705020

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

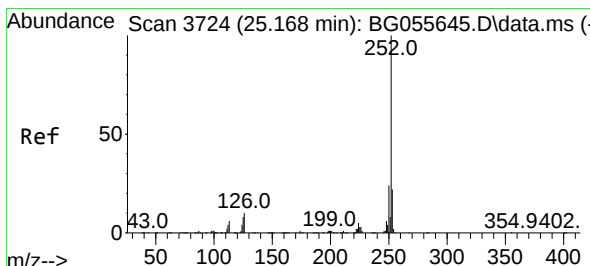
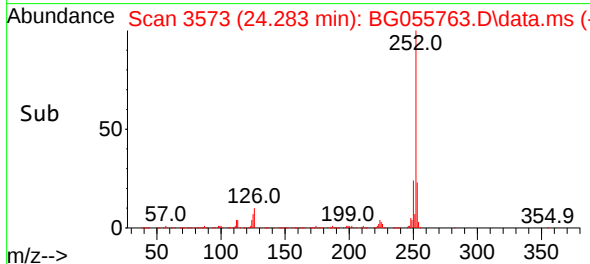
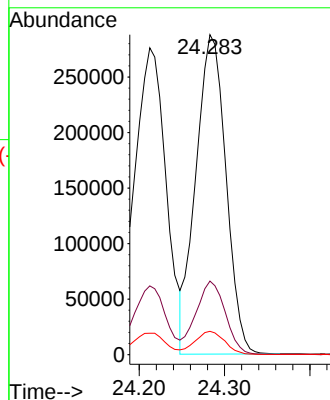
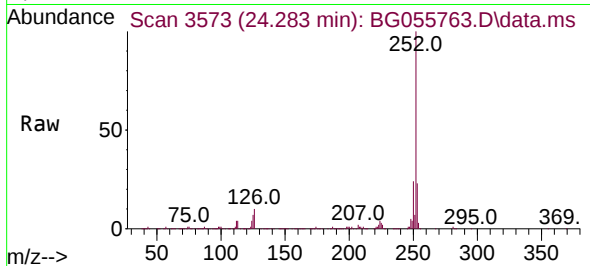
125 7.3 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/25/2022

Supervised By :Jagrut Upadhyay 11/25/2022



#90

Benzo(a)pyrene

Concen: 45.871 ng

RT: 25.141 min Scan# 3719

Delta R.T. -0.005 min

Lab File: BG055763.D

Acq: 23 Nov 2022 20:16

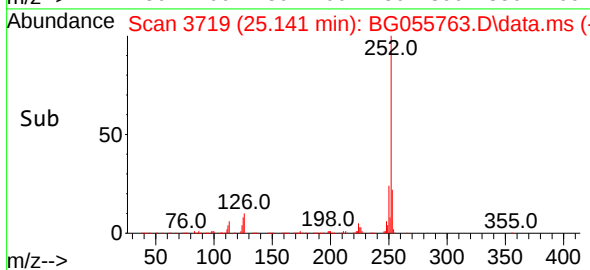
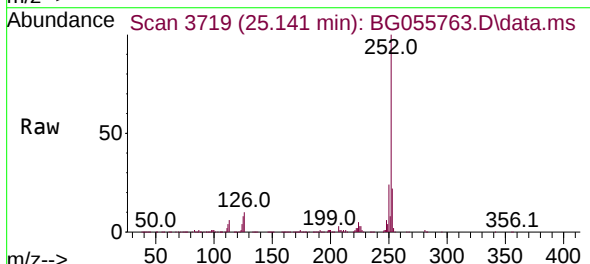
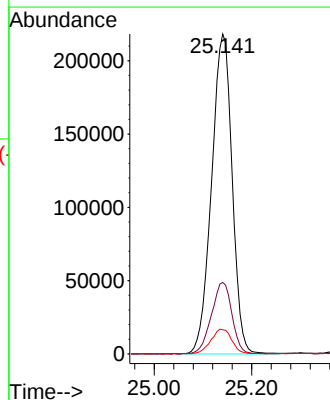
Tgt Ion:252 Resp: 637954

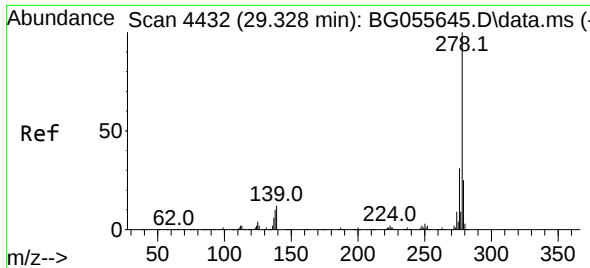
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 7.6 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 42.202 ng
RT: 29.283 min Scan# 4432
Delta R.T. -0.016 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Instrument :

BNA_G

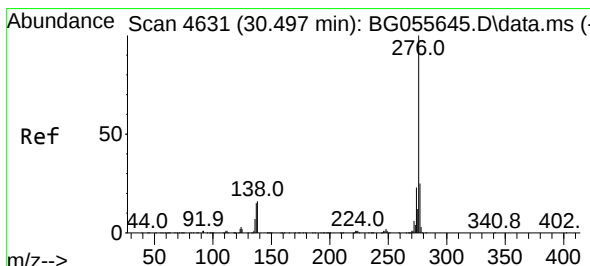
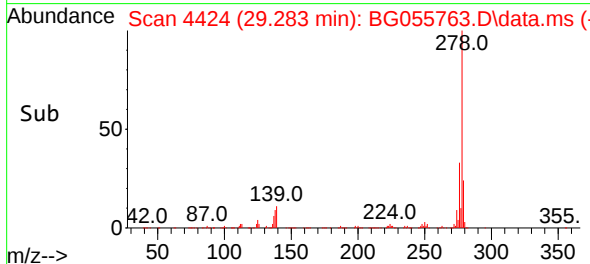
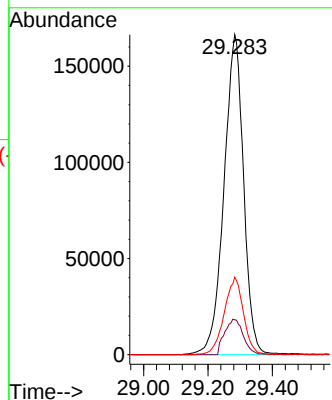
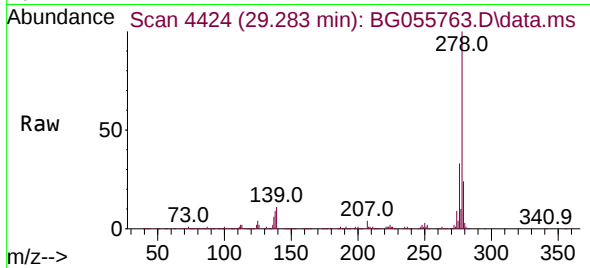
ClientSampleId :

PB149128BS

Tgt Ion:278 Resp: 703068
Ion Ratio Lower Upper
278 100
139 10.9 9.8 14.8
279 24.2 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/25/2022
Supervised By :Jagrut Upadhyay 11/25/2022



#92
Benzo(g,h,i)perylene
Concen: 40.793 ng
RT: 30.452 min Scan# 4623
Delta R.T. -0.010 min
Lab File: BG055763.D
Acq: 23 Nov 2022 20:16

Tgt Ion:276 Resp: 684949
Ion Ratio Lower Upper
276 100
277 23.2 19.8 29.6
138 15.0 13.1 19.7

