

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055604.D
 Acq On : 14 Nov 2022 14:31
 Operator : CG/JU
 Sample : PB148777BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB148777BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : Jagrut Upadhyay 11/15/2022

Quant Time: Nov 14 15:55:57 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 10 03:39:46 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	43397	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	196626	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	153610	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	384971	20.000	ng	0.00
76) Chrysene-d12	21.933	240	344326	20.000	ng	0.00
86) Perylene-d12	25.353	264	342684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	337850	148.285	ng	0.00
7) Phenol-d6	7.403	99	459589	146.031	ng	0.00
23) Nitrobenzene-d5	9.436	82	276024	95.166	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	269704	179.949	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	734201	72.096	ng	0.00
79) Terphenyl-d14	20.218	244	1367354	79.762	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.626	88	30853	26.660	ng	90
3) Pyridine	4.037	79	87561	27.212	ng	99
4) n-Nitrosodimethylamine	3.949	42	67366	38.464	ng	95
6) Aniline	7.580	93	153699	36.767	ng	99
8) 2-Chlorophenol	7.821	128	127610	50.029	ng	97
9) Benzaldehyde	7.392	77	16801	6.766	ng	91
10) Phenol	7.433	94	168453	46.495	ng	99
11) bis(2-Chloroethyl)ether	7.668	93	113060	38.759	ng	96
12) 1,3-Dichlorobenzene	8.156	146	125353	39.341	ng	99
13) 1,4-Dichlorobenzene	8.302	146	128112	39.729	ng	98
14) 1,2-Dichlorobenzene	8.626	146	127734	41.712	ng	98
15) Benzyl Alcohol	8.496	79	127107m	46.313	ng	
16) 2,2'-oxybis(1-Chloropr...	8.790	45	220749	39.384	ng	98
17) 2-Methylphenol	8.696	107	117559	46.109	ng	97
18) Hexachloroethane	9.360	117	44828	41.874	ng	95
19) n-Nitroso-di-n-propyla...	9.072	70	105206	40.449	ng	98
20) 3+4-Methylphenols	9.025	107	163808	46.119	ng	96
22) Acetophenone	9.090	105	199971	38.231	ng	# 99
24) Nitrobenzene	9.483	77	148371	44.465	ng	100
25) Isophorone	10.000	82	302892	40.876	ng	98
26) 2-Nitrophenol	10.194	139	70459	63.086	ng	94
27) 2,4-Dimethylphenol	10.241	122	135037	50.970	ng	98
28) bis(2-Chloroethoxy)met...	10.482	93	165474	41.417	ng	99
29) 2,4-Dichlorophenol	10.729	162	141667	48.657	ng	97
30) 1,2,4-Trichlorobenzene	10.952	180	139748	38.318	ng	97
31) Naphthalene	11.146	128	397140	37.358	ng	99
32) Benzoic acid	10.371	122	97715	56.368	ng	93
33) 4-Chloroaniline	11.246	127	154341	34.734	ng	98
34) Hexachlorobutadiene	11.422	225	92845	38.170	ng	98
35) Caprolactam	12.010	113	53443m	53.845	ng	
36) 4-Chloro-3-methylphenol	12.345	107	165239	48.147	ng	98
37) 2-Methylnaphthalene	12.732	142	312706	39.151	ng	98
38) 1-Methylnaphthalene	12.950	142	300075	38.408	ng	98
40) 1,2,4,5-Tetrachloroben...	13.097	216	181248	39.500	ng	99
41) Hexachlorocyclopentadiene	13.073	237	212816	108.338	ng	97
43) 2,4,6-Trichlorophenol	13.326	196	132480	49.103	ng	99

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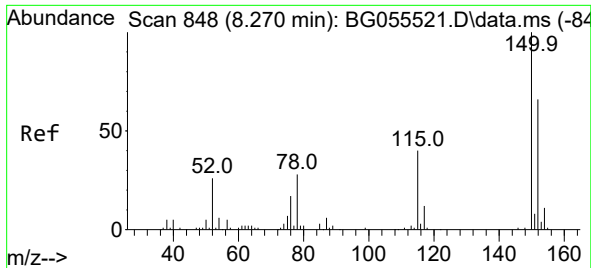
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 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.396	196	144991	46.943	ng	99
46) 1,1'-Biphenyl	13.725	154	433337	38.560	ng	99
47) 2-Chloronaphthalene	13.772	162	328112	37.801	ng	100
48) 2-Nitroaniline	13.966	65	117806	52.320	ng	97
49) Acenaphthylene	14.613	152	553152	38.514	ng	99
50) Dimethylphthalate	14.331	163	483563	41.428	ng	99
51) 2,6-Dinitrotoluene	14.454	165	100367	48.856	ng	94
52) Acenaphthene	14.953	154	404325	45.095	ng	98
53) 3-Nitroaniline	14.783	138	92963	38.446	ng	# 97
54) 2,4-Dinitrophenol	14.989	184	125306	172.659	ng	# 74
55) Dibenzofuran	15.282	168	560689	39.115	ng	100
56) 4-Nitrophenol	15.077	139	185985	107.606	ng	99
57) 2,4-Dinitrotoluene	15.235	165	146743	53.680	ng	# 93
58) Fluorene	15.929	166	447685	39.257	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.500	232	138249	48.291	ng	98
60) Diethylphthalate	15.688	149	490015	41.267	ng	99
61) 4-Chlorophenyl-phenyle...	15.917	204	249332	41.104	ng	98
62) 4-Nitroaniline	15.946	138	113857	49.200	ng	100
63) Azobenzene	16.211	77	431457	37.486	ng	97
65) 4,6-Dinitro-2-methylph...	15.999	198	80466	59.795	ng	97
66) n-Nitrosodiphenylamine	16.128	169	414873	38.469	ng	99
67) 4-Bromophenyl-phenylether	16.810	248	168885	43.003	ng	98
68) Hexachlorobenzene	16.933	284	184736	39.566	ng	96
69) Atrazine	17.069	200	154101	39.483	ng	98
70) Pentachlorophenol	17.274	266	241423	94.381	ng	97
71) Phenanthrene	17.674	178	774537	37.436	ng	99
72) Anthracene	17.762	178	789041	38.915	ng	99
73) Carbazole	18.026	167	714747	39.005	ng	100
74) Di-n-butylphthalate	18.567	149	839049	39.936	ng	99
75) Fluoranthene	19.666	202	903256	36.610	ng	100
77) Benzidine	19.836	184	387604	41.609	ng	99
78) Pyrene	20.030	202	908759	38.996	ng	99
80) Butylbenzylphthalate	20.899	149	358492	40.924	ng	97
81) Benzo(a)anthracene	21.910	228	896513	38.012	ng	99
82) 3,3'-Dichlorobenzidine	21.816	252	329024	42.745	ng	100
83) Chrysene	21.980	228	847500	37.789	ng	100
84) Bis(2-ethylhexyl)phtha...	21.792	149	514056	43.709	ng	100
85) Di-n-octyl phthalate	23.073	149	868277	42.721	ng	100
87) Indeno(1,2,3-cd)pyrene	29.307	276	1035807	39.686	ng	99
88) Benzo(b)fluoranthene	24.260	252	960877	44.254	ng	99
89) Benzo(k)fluoranthene	24.337	252	911096	41.044	ng	99
90) Benzo(a)pyrene	25.200	252	830391	44.398	ng	99
91) Dibenzo(a,h)anthracene	29.378	278	913944	42.302	ng	97
92) Benzo(g,h,i)perylene	30.547	276	903877	42.797	ng	99

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



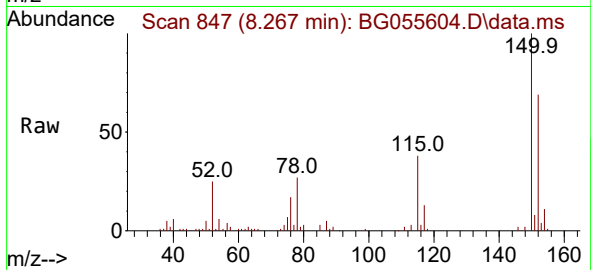
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

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BNA_G

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PB148777BS

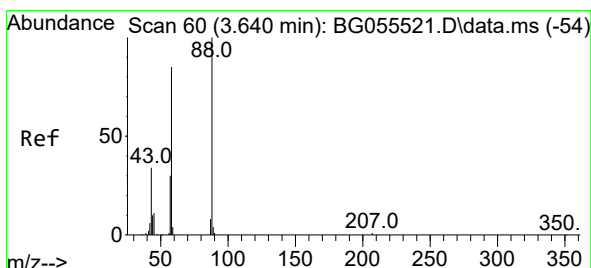
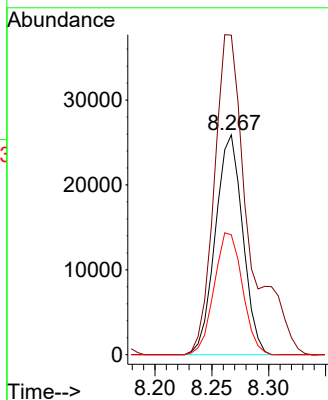
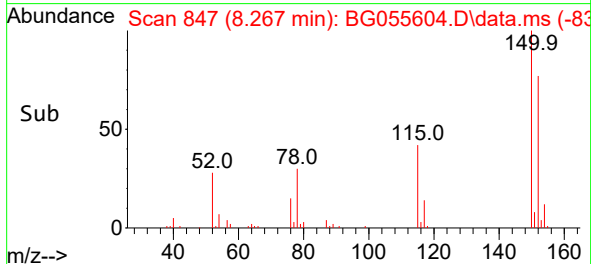


Tgt Ion:152 Resp: 4339
Ion Ratio Lower Upper
152 100
150 145.4 121.0 181.4
115 54.5 47.8 71.8

Manual Integrations

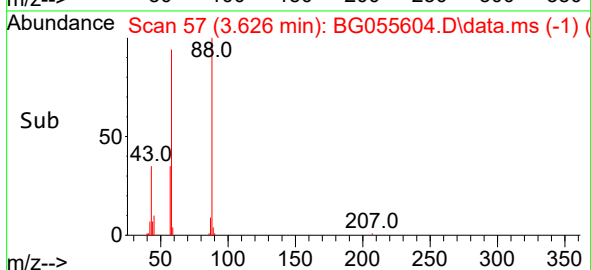
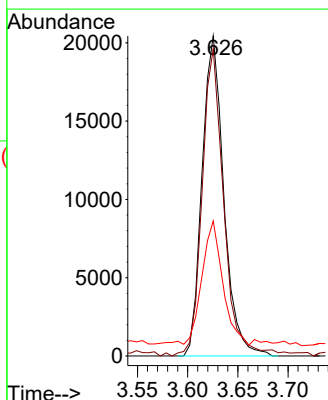
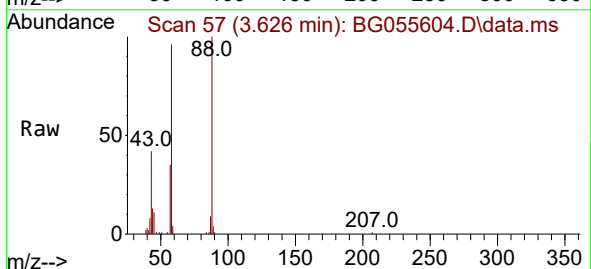
APPROVED

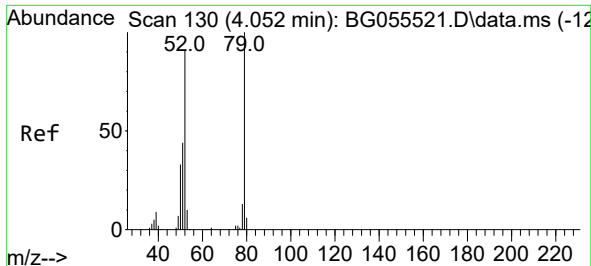
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#2
1,4-Dioxane
Concen: 26.660 ng
RT: 3.626 min Scan# 57
Delta R.T. -0.014 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

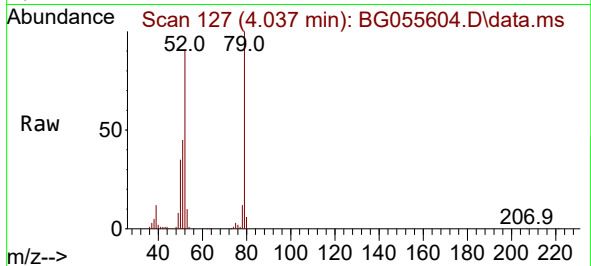
Tgt Ion: 88 Resp: 30853
Ion Ratio Lower Upper
88 100
58 96.3 68.9 103.3
43 38.1 27.1 40.7





#3
Pyridine
Concen: 27.212 ng
RT: 4.037 min Scan# 110
Delta R.T. -0.015 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

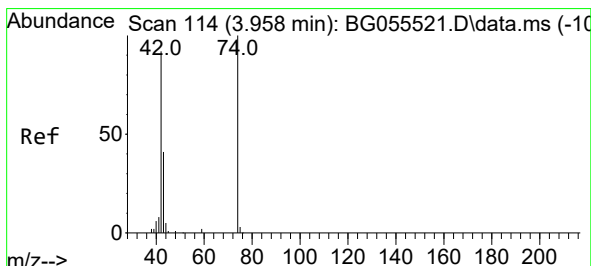
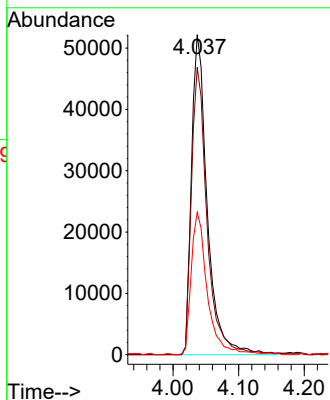
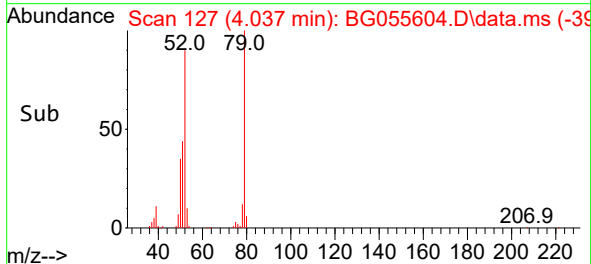
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion: 79 Resp: 8756
Ion Ratio Lower Upper
79 100
52 89.9 72.7 109.1
51 44.5 36.0 54.0

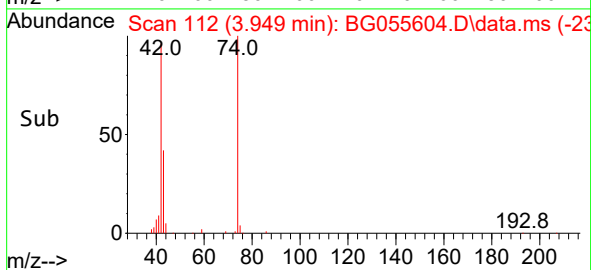
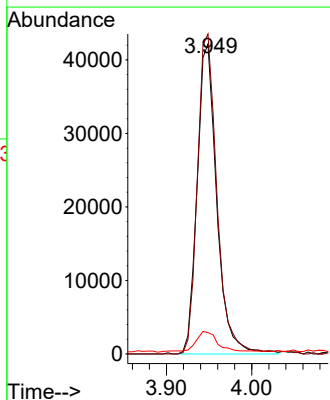
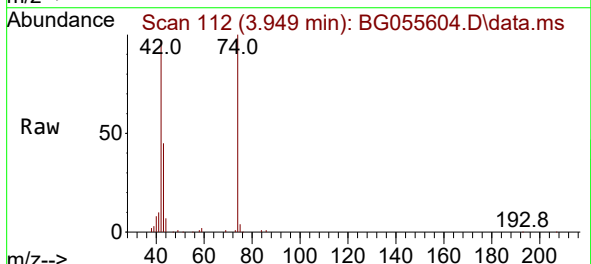
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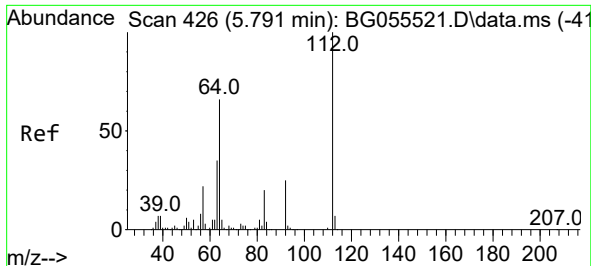
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#4
n-Nitrosodimethylamine
Concen: 38.464 ng
RT: 3.949 min Scan# 112
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

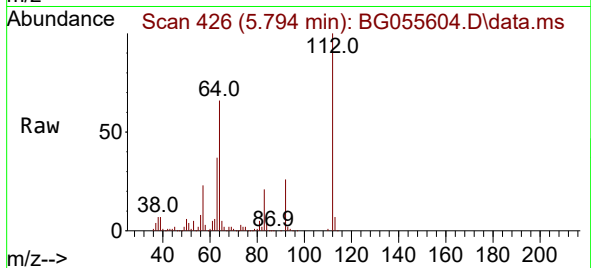
Tgt Ion: 42 Resp: 67366
Ion Ratio Lower Upper
42 100
74 103.3 87.1 130.7
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 148.285 ng
RT: 5.794 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

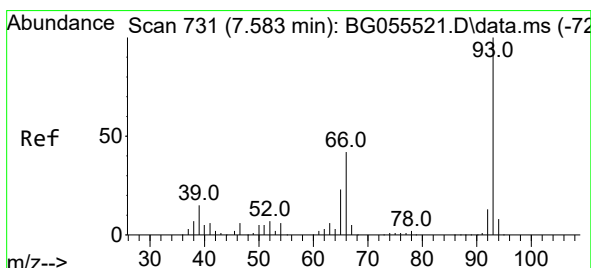
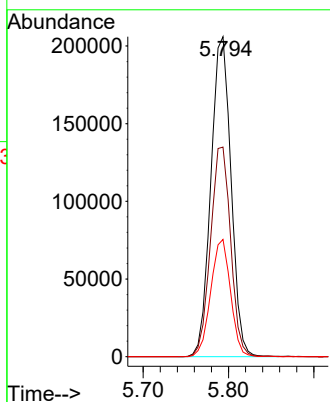
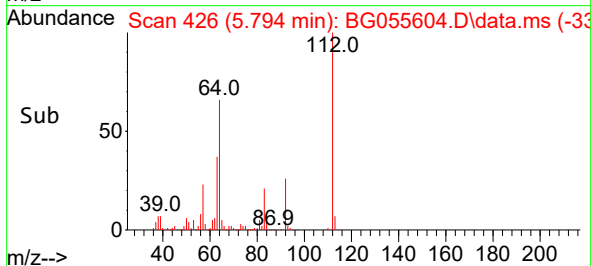
Instrument :
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Tgt Ion:112 Resp: 337850
Ion Ratio Lower Upper
112 100
64 65.5 52.6 78.8
63 36.6 28.3 42.5

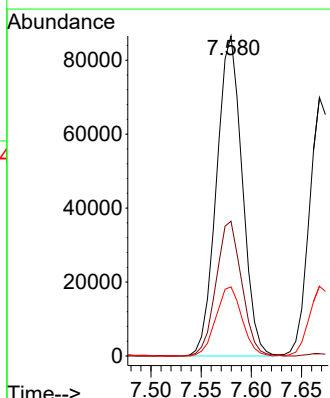
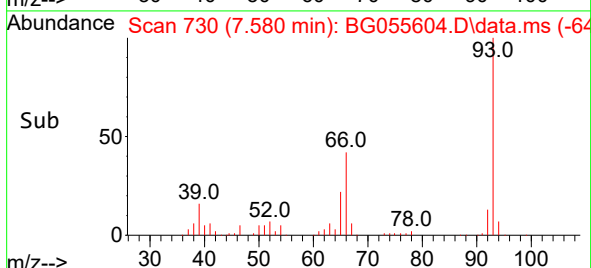
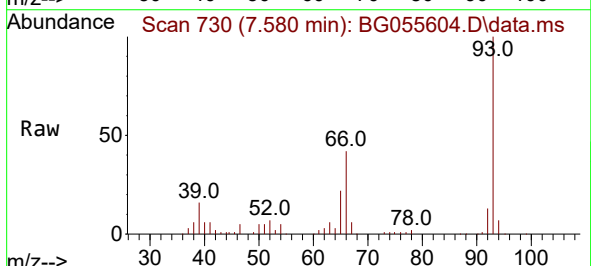
Manual Integrations
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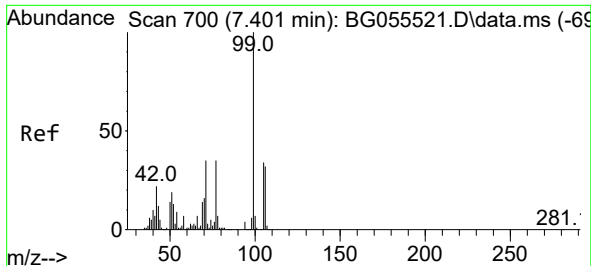
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#6
Aniline
Concen: 36.767 ng
RT: 7.580 min Scan# 730
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

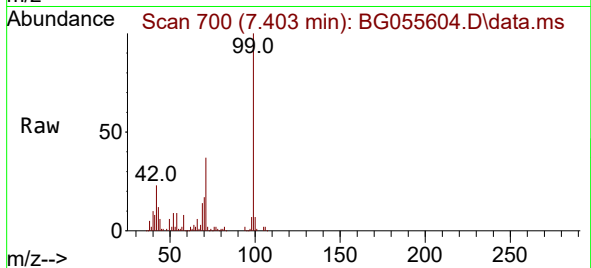
Tgt Ion: 93 Resp: 153699
Ion Ratio Lower Upper
93 100
66 42.1 33.2 49.8
65 21.6 18.1 27.1





#7
Phenol-d6
Concen: 146.031 ng
RT: 7.403 min Scan# 700
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

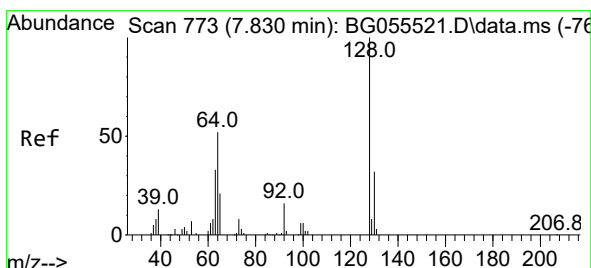
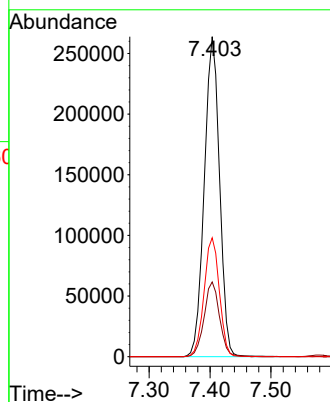
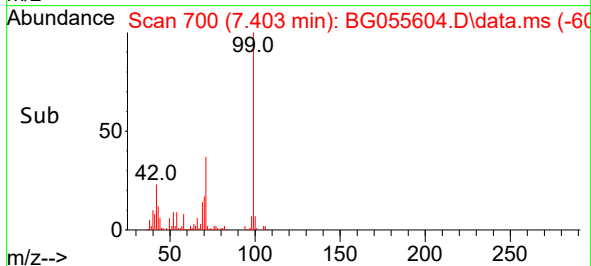
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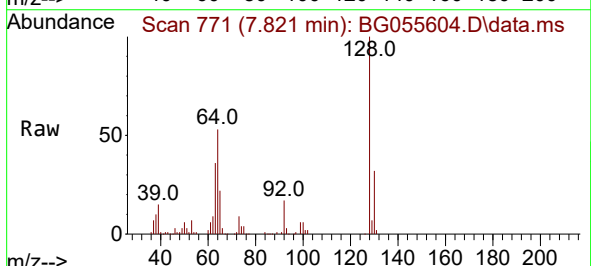
Tgt Ion: 99 Resp: 459589
Ion Ratio Lower Upper
99 100
42 23.4 17.5 26.3
71 37.2 28.3 42.5

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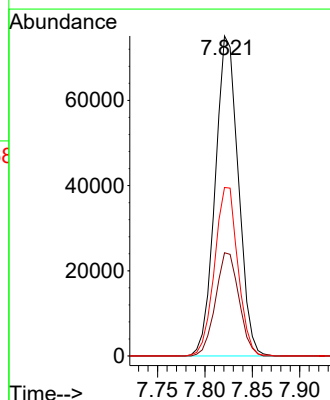
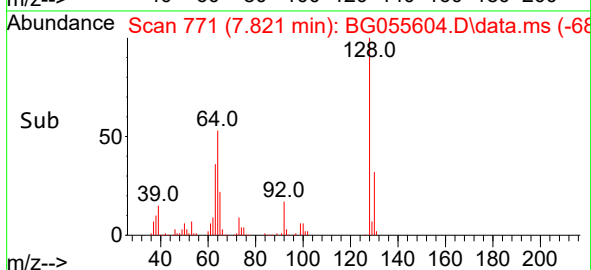
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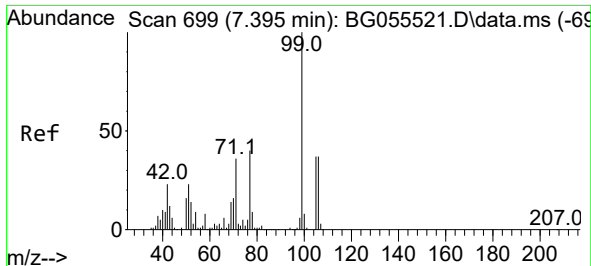


#8
2-Chlorophenol
Concen: 50.029 ng
RT: 7.821 min Scan# 771
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



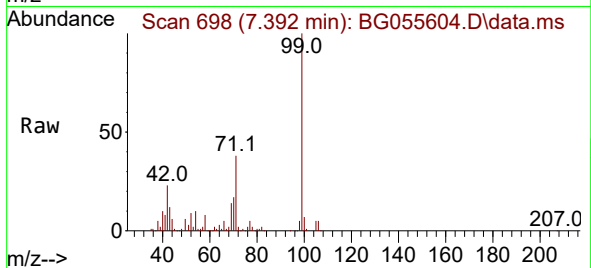
Tgt Ion:128 Resp: 127610
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 52.7 35.5 75.5





#9
Benzaldehyde
Concen: 6.766 ng
RT: 7.392 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

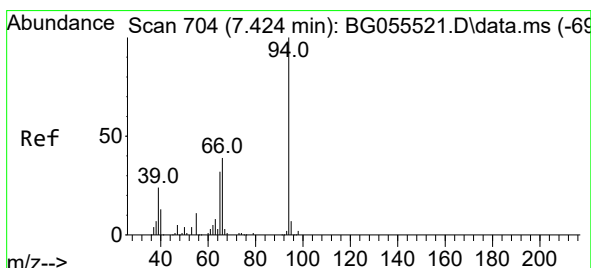
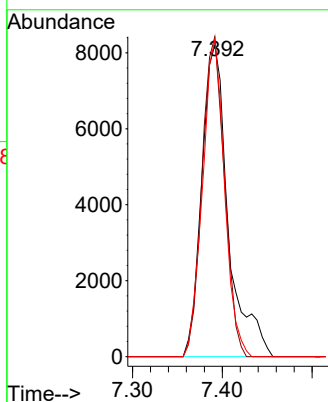
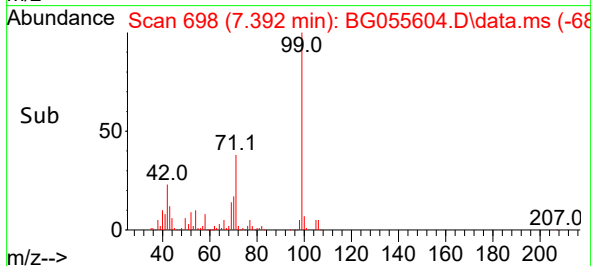
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion: 77 Resp: 1680
Ion Ratio Lower Upper
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105 102.7 73.9 113.9
106 101.8 73.1 113.1

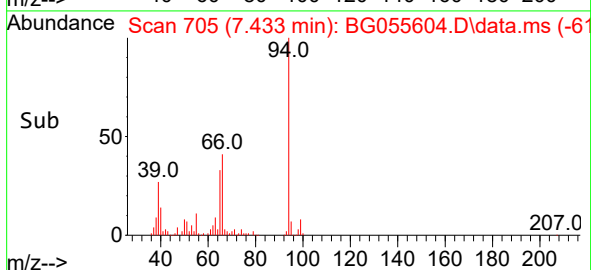
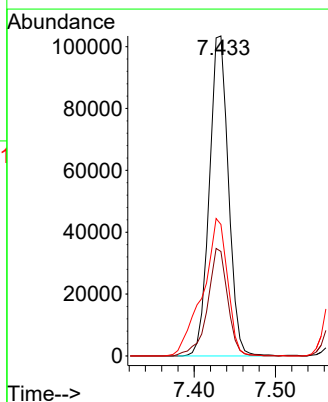
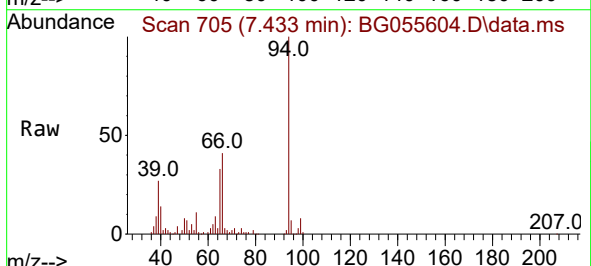
Manual Integrations
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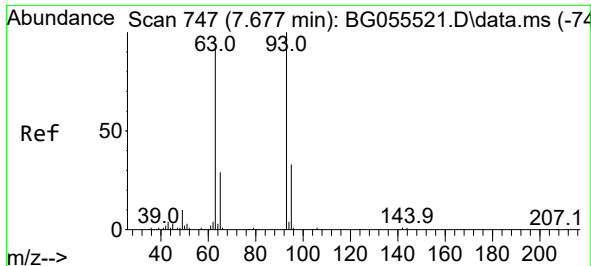
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#10
Phenol
Concen: 46.495 ng
RT: 7.433 min Scan# 705
Delta R.T. 0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion: 94 Resp: 168453
Ion Ratio Lower Upper
94 100
65 32.6 11.9 51.9
66 41.1 20.3 60.3





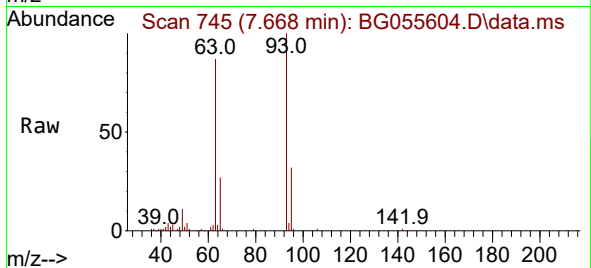
#11
bis(2-Chloroethyl)ether
Concen: 38.759 ng
RT: 7.668 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

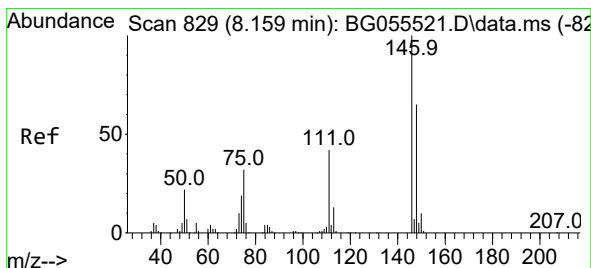
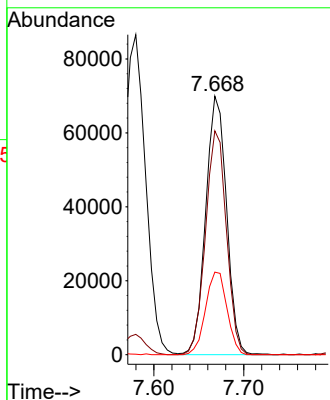
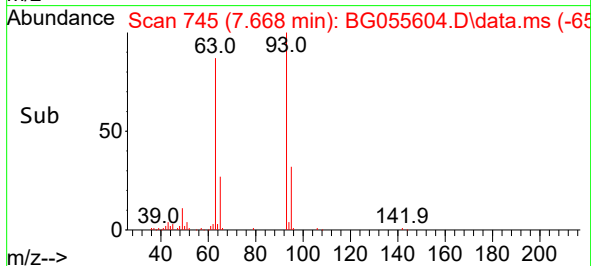
PB148777BS



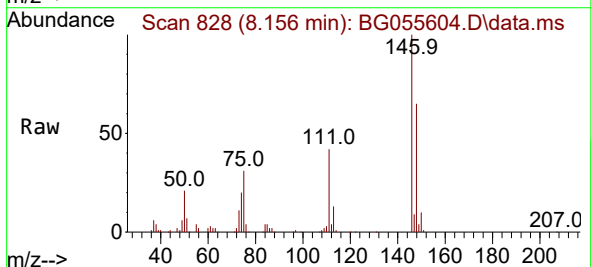
Tgt Ion: 93 Resp: 113060
Ion Ratio Lower Upper
93 100
63 86.6 71.2 111.2
95 31.9 12.4 52.4

Manual Integrations
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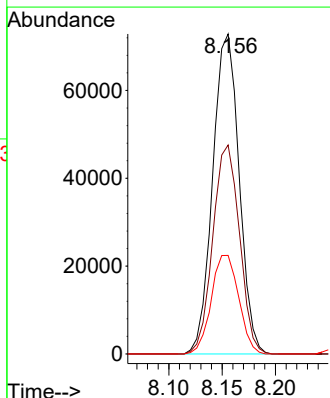
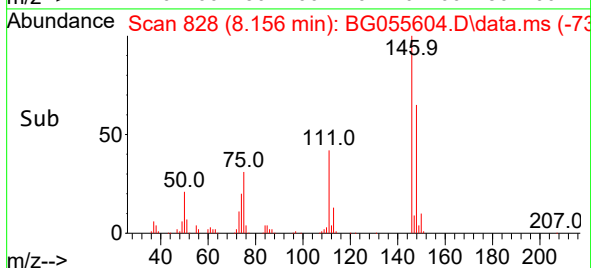
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

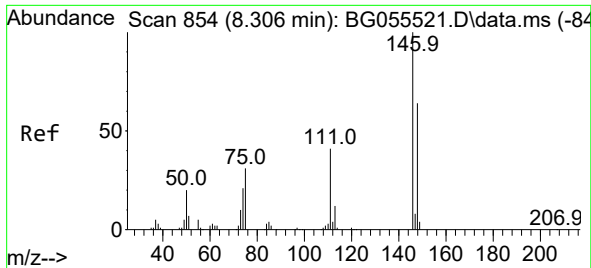


#12
1,3-Dichlorobenzene
Concen: 39.341 ng
RT: 8.156 min Scan# 828
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:146 Resp: 125353
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
75 30.8 25.8 38.8





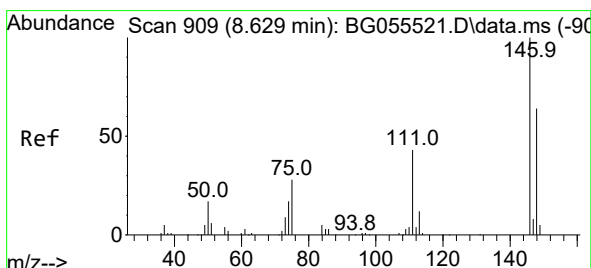
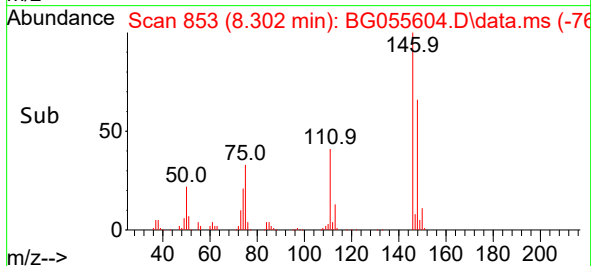
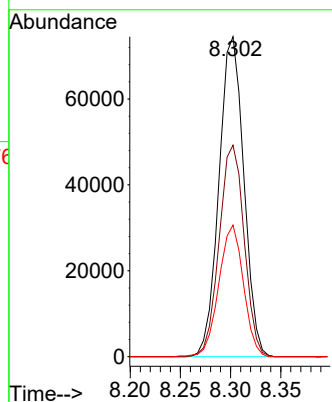
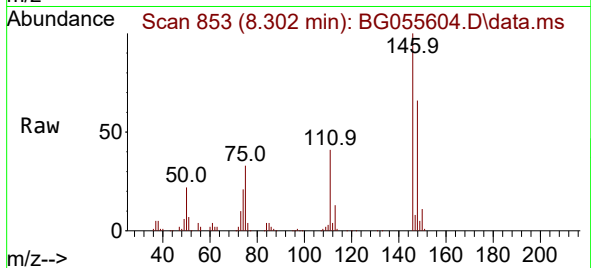
#13
1,4-Dichlorobenzene
Concen: 39.729 ng
RT: 8.302 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :
BNA_G
ClientSampleId :
PB148777BS

Tgt Ion:146 Resp: 12811
Ion Ratio Lower Upper
146 100
148 66.1 51.0 76.6
111 41.1 33.0 49.6

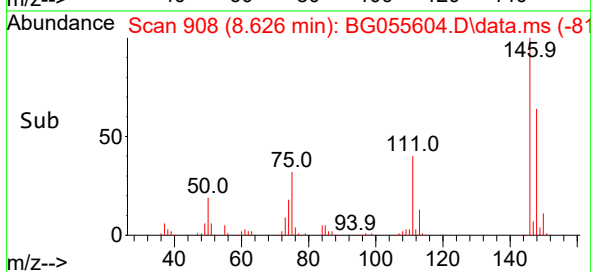
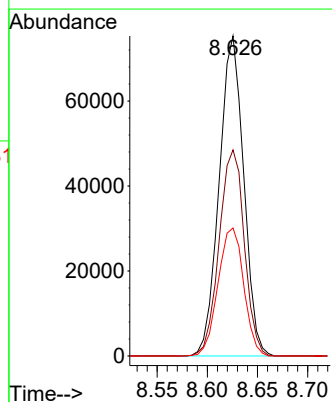
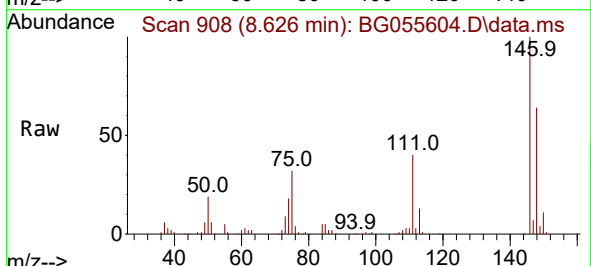
Manual Integrations
APPROVED

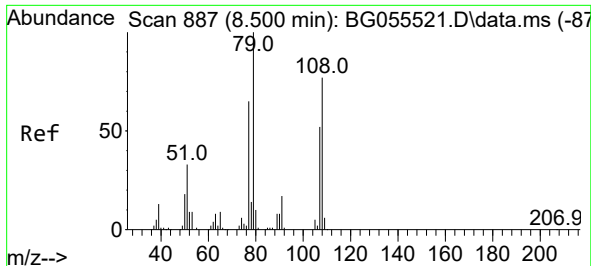
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#14
1,2-Dichlorobenzene
Concen: 41.712 ng
RT: 8.626 min Scan# 908
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

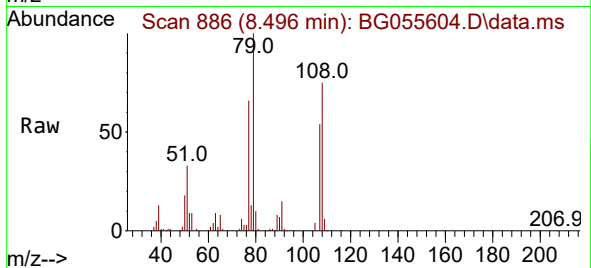
Tgt Ion:146 Resp: 127734
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 40.0 34.6 52.0





#15
Benzyl Alcohol
Concen: 46.313 ng m
RT: 8.496 min Scan# 887
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

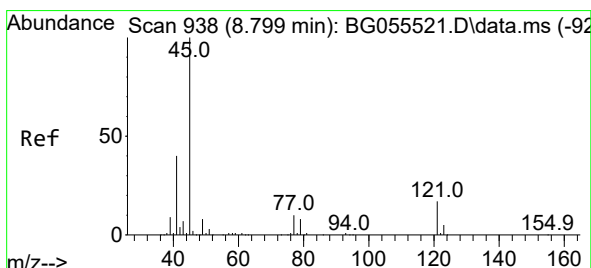
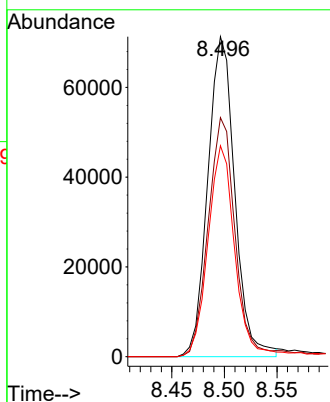
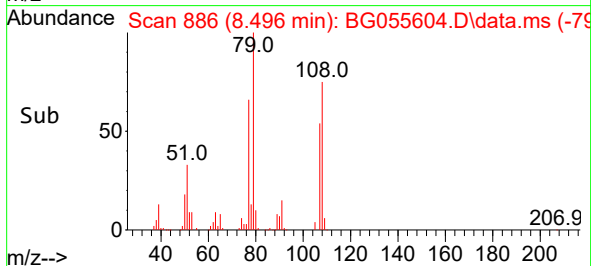
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion: 79 Resp: 12710
Ion Ratio Lower Upper
79 100
108 74.7 61.8 92.6
77 65.9 52.4 78.6

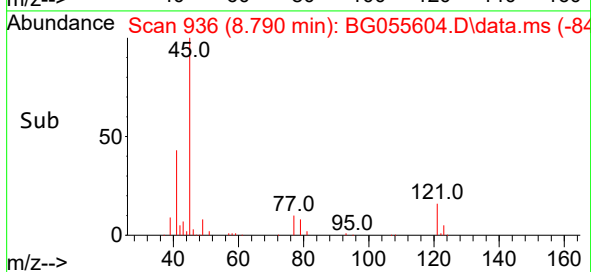
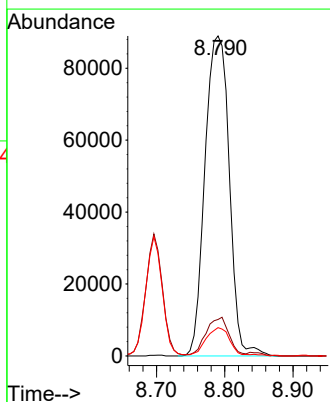
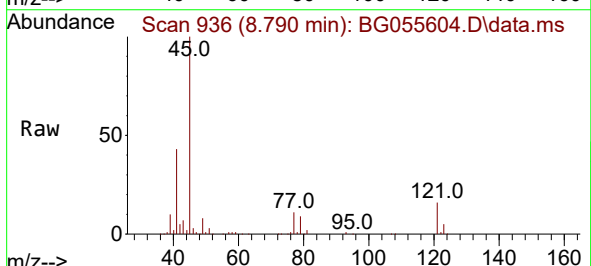
Manual Integrations
APPROVED

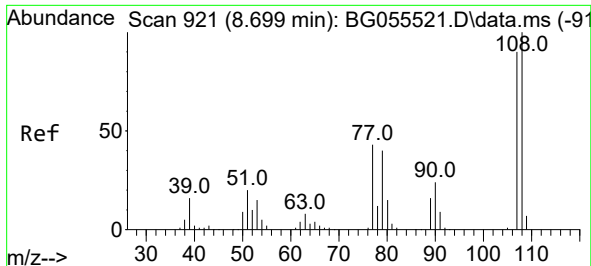
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.384 ng
RT: 8.790 min Scan# 936
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion: 45 Resp: 220749
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.4
79 8.8 0.0 28.3





#17

2-Methylphenol

Concen: 46.109 ng

RT: 8.696 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

Tgt Ion:107 Resp: 11755

Ion Ratio Lower Upper

107 100

108 108.4 88.6 132.8

77 48.9 38.2 57.2

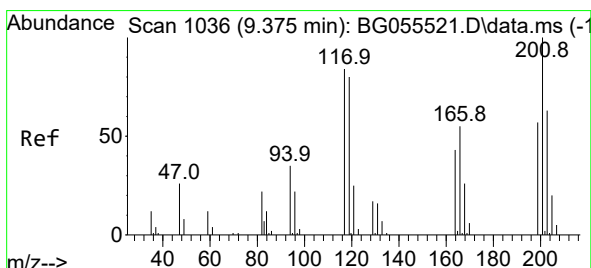
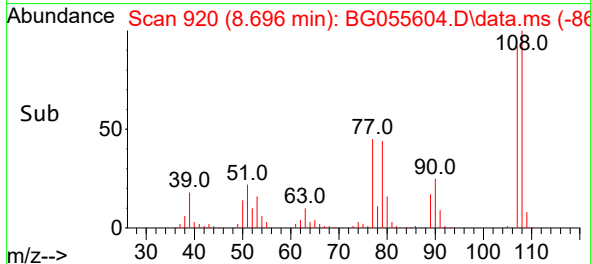
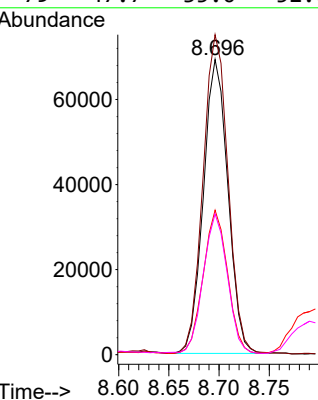
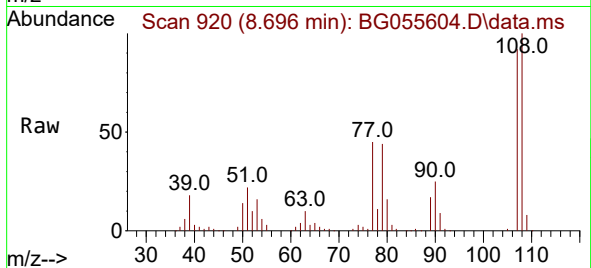
79 47.7 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#18

Hexachloroethane

Concen: 41.874 ng

RT: 9.360 min Scan# 1033

Delta R.T. -0.015 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

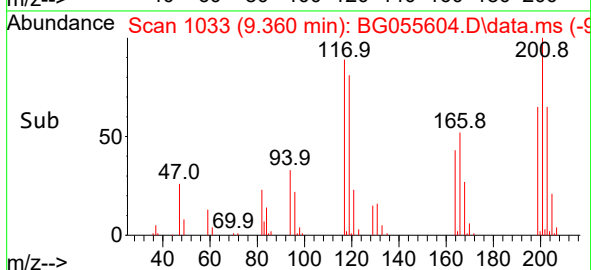
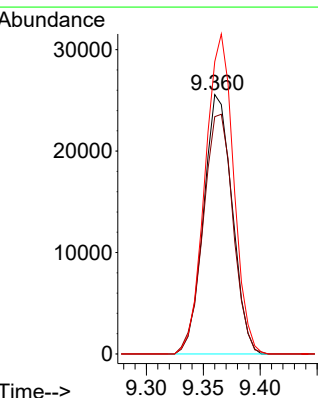
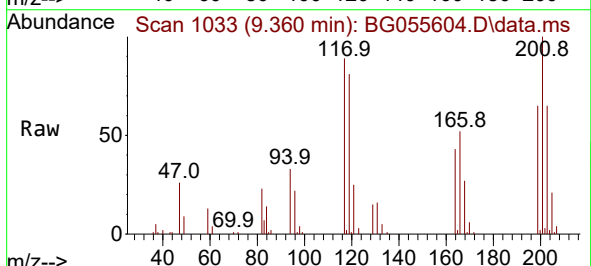
Tgt Ion:117 Resp: 44828

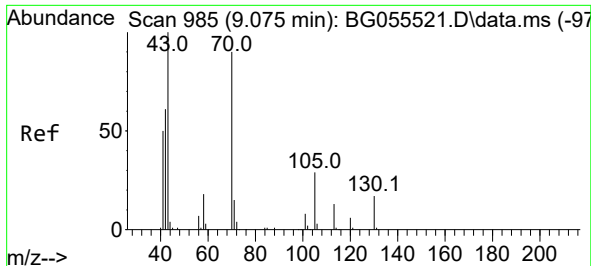
Ion Ratio Lower Upper

117 100

119 91.5 77.3 115.9

201 112.7 94.8 142.2





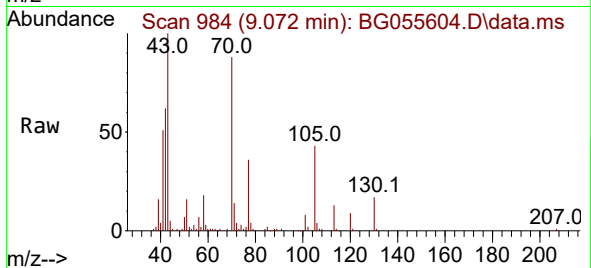
#19
n-Nitroso-di-n-propylamine
Concen: 40.449 ng
RT: 9.072 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

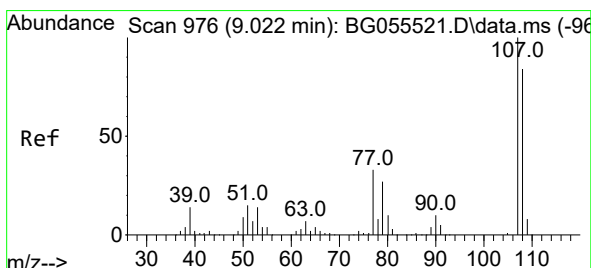
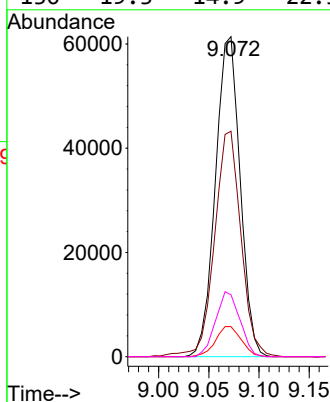
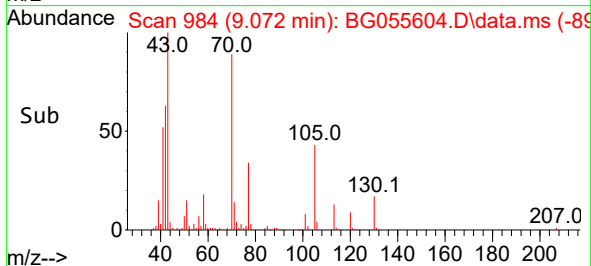


Tgt Ion: 70 Resp: 105200
Ion Ratio Lower Upper
70 100
42 70.5 54.8 82.2
101 9.4 6.8 10.2
130 19.3 14.9 22.3

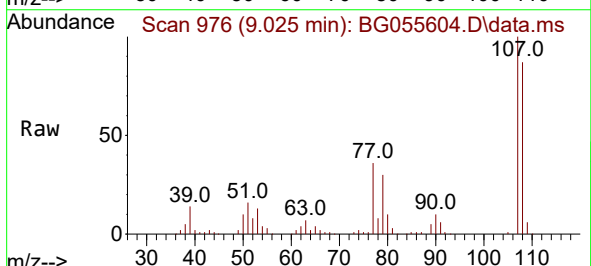
Manual Integrations

APPROVED

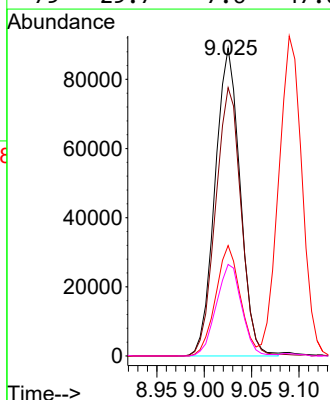
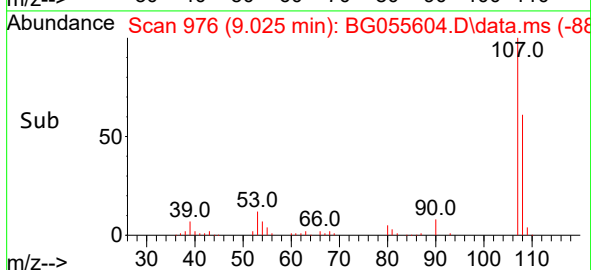
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

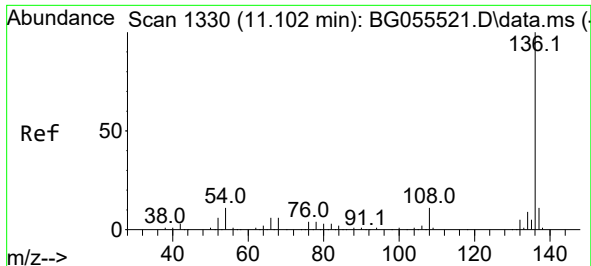


#20
3+4-Methylphenols
Concen: 46.119 ng
RT: 9.025 min Scan# 976
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:107 Resp: 163808
Ion Ratio Lower Upper
107 100
108 87.1 63.9 103.9
77 35.9 13.2 53.2
79 29.7 7.6 47.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

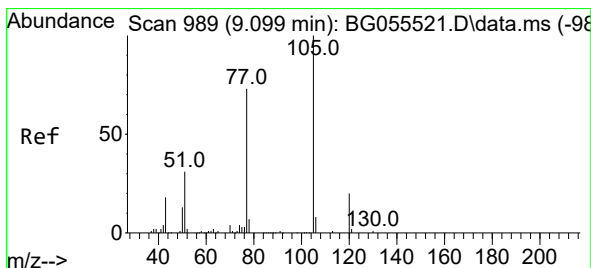
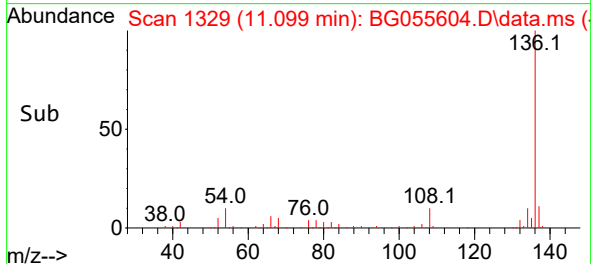
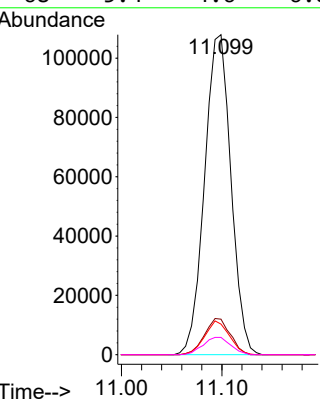
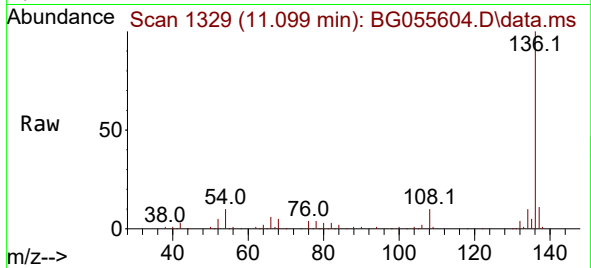
PB148777BS

Tgt Ion:136 Resp: 196620
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.5 8.6 12.8
68 5.4 4.6 6.8

Manual Integrations

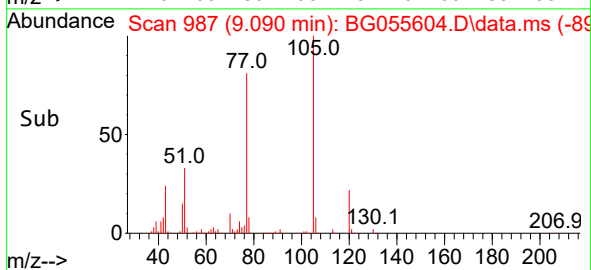
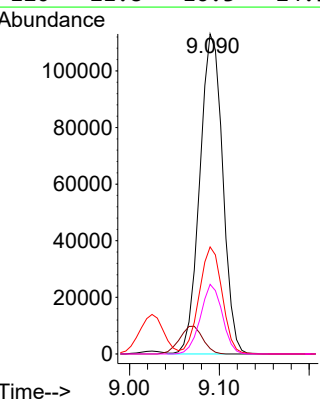
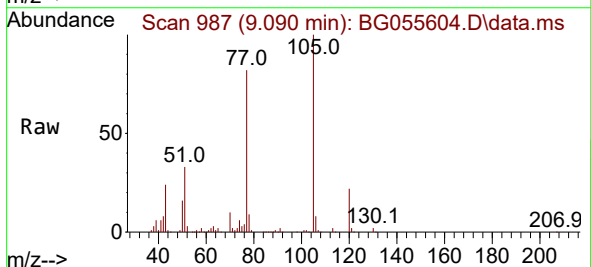
APPROVED

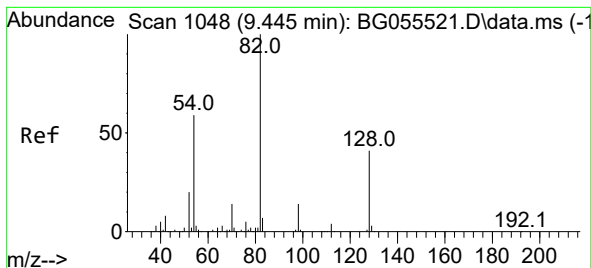
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#22
Acetophenone
Concen: 38.231 ng
RT: 9.090 min Scan# 987
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:105 Resp: 199971
Ion Ratio Lower Upper
105 100
71 1.7 0.8 1.2#
51 33.4 26.5 39.7
120 21.8 16.3 24.5





#23
Nitrobenzene-d5
Concen: 95.166 ng
RT: 9.436 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

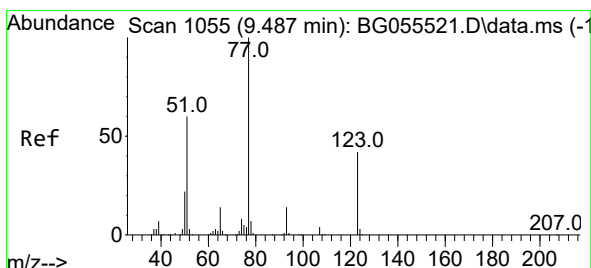
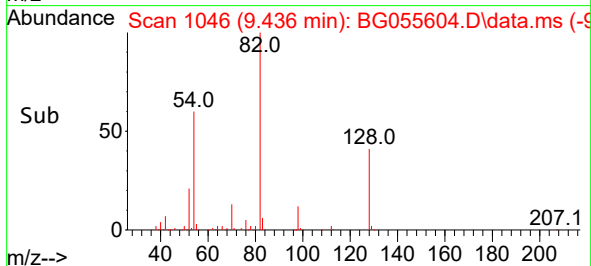
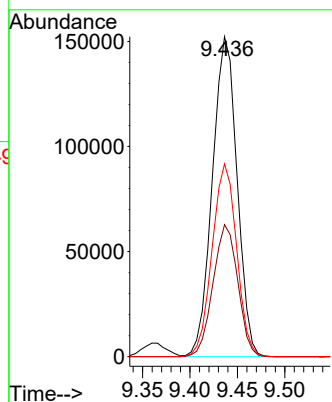
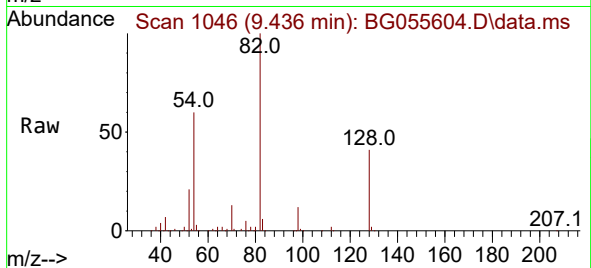
ClientSampleId :

PB148777BS

Tgt Ion: 82 Resp: 276024
Ion Ratio Lower Upper
82 100
128 41.2 32.6 49.0
54 60.3 47.3 70.9

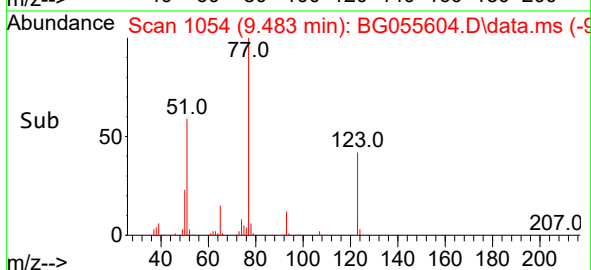
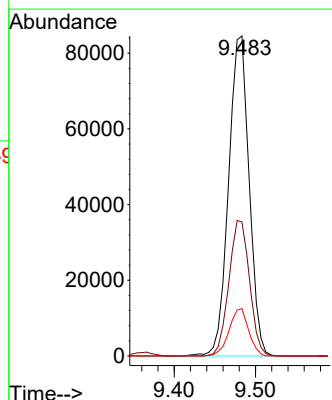
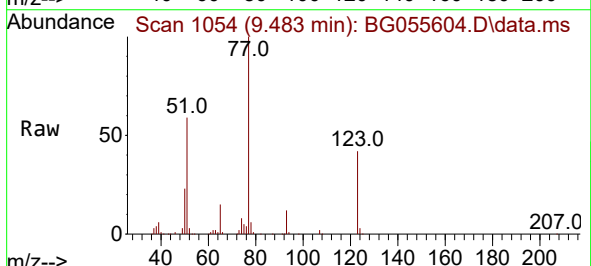
Manual Integrations
APPROVED

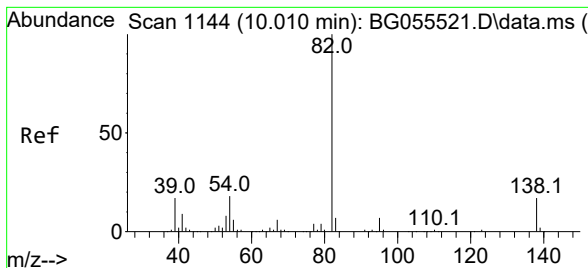
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#24
Nitrobenzene
Concen: 44.465 ng
RT: 9.483 min Scan# 1054
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion: 77 Resp: 148371
Ion Ratio Lower Upper
77 100
123 41.9 33.4 50.2
65 14.8 11.5 17.3





#25

Isophorone

Concen: 40.876 ng

RT: 10.000 min Scan# 1142

Delta R.T. -0.010 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

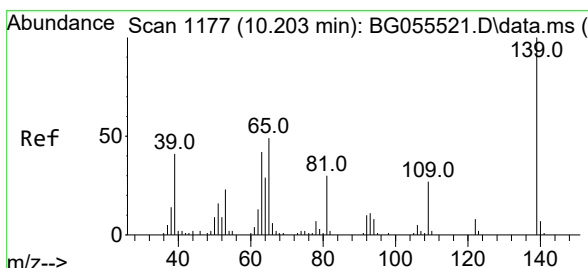
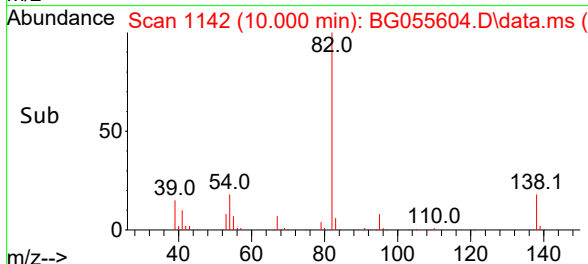
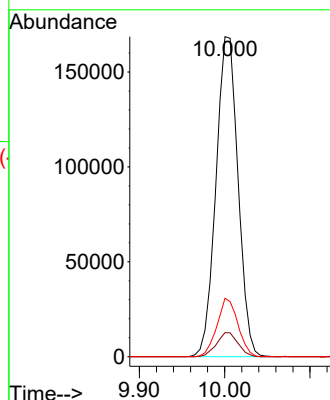
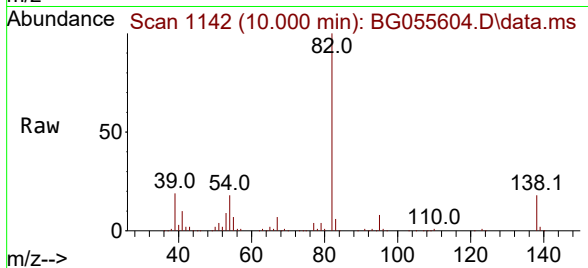
Tgt Ion:	82	Resp:	30289
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	18.3	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#26

2-Nitrophenol

Concen: 63.086 ng

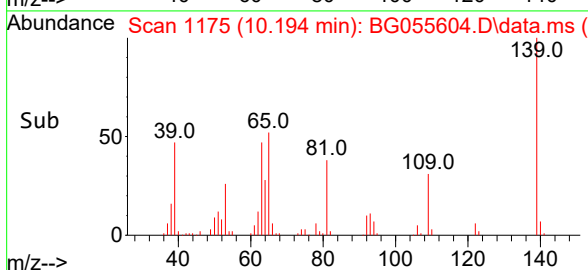
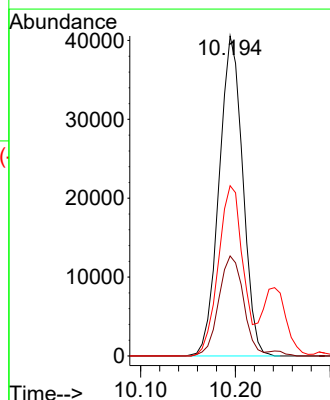
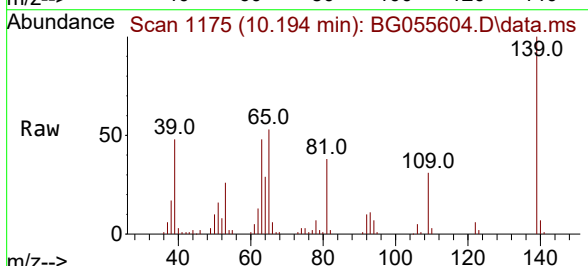
RT: 10.194 min Scan# 1175

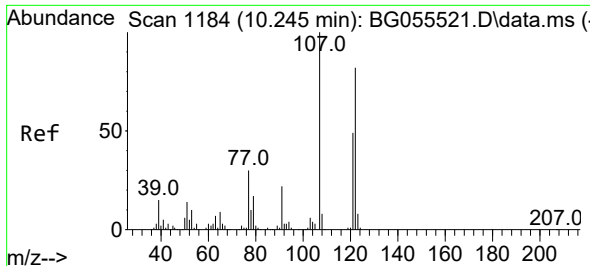
Delta R.T. -0.009 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

Tgt Ion:	139	Resp:	70459
Ion Ratio	Lower	Upper	
139	100		
109	31.2	21.5	32.3
65	53.2	39.6	59.4





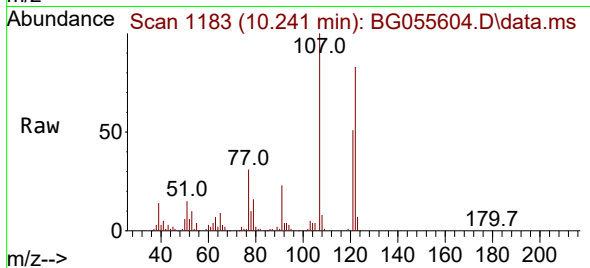
#27
2,4-Dimethylphenol
Concen: 50.970 ng
RT: 10.241 min Scan# 1183
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

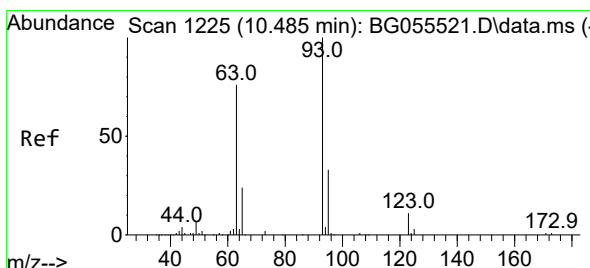
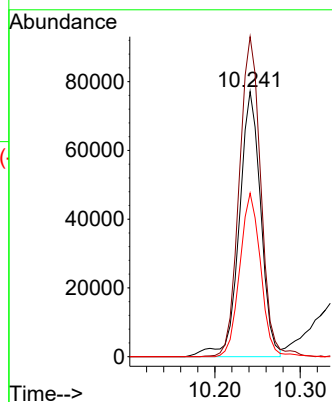
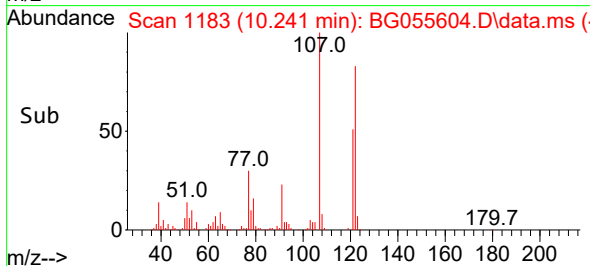


Tgt Ion:122 Resp: 13503
Ion Ratio Lower Upper
122 100
107 120.7 97.8 146.6
121 61.7 47.9 71.9

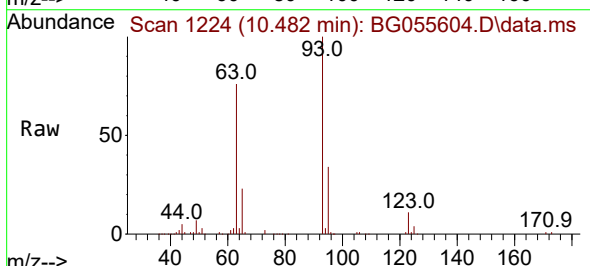
Manual Integrations

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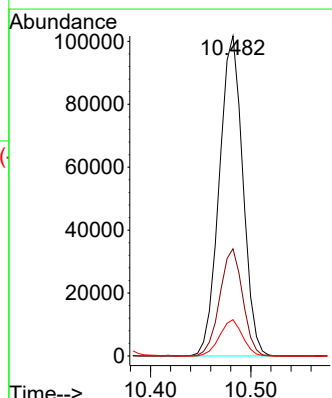
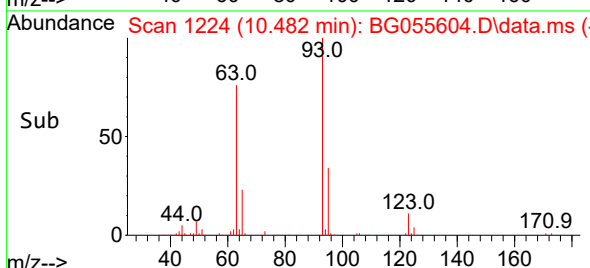
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

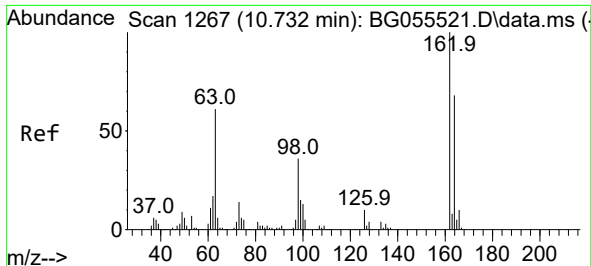


#28
bis(2-Chloroethoxy)methane
Concen: 41.417 ng
RT: 10.482 min Scan# 1224
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion: 93 Resp: 165474
Ion Ratio Lower Upper
93 100
95 33.5 26.2 39.4
123 11.4 9.0 13.4





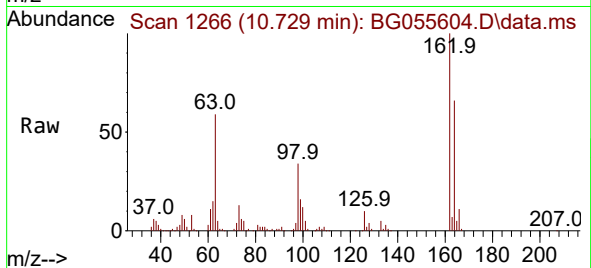
#29
2,4-Dichlorophenol
Concen: 48.657 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

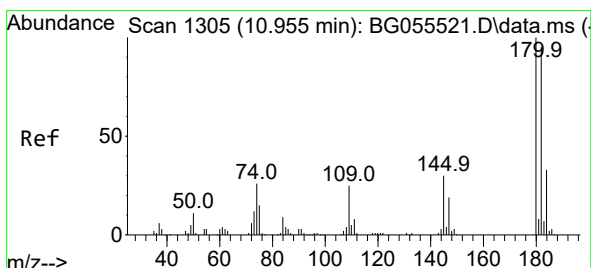
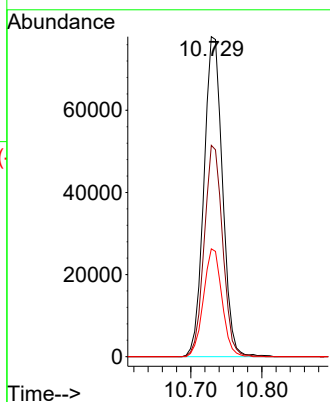
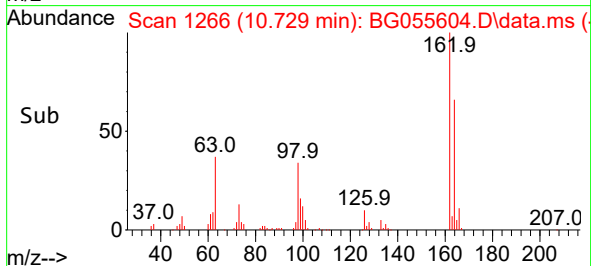


Tgt Ion:162 Resp: 14166
Ion Ratio Lower Upper
162 100
164 66.1 48.3 88.3
98 33.7 15.6 55.6

Manual Integrations

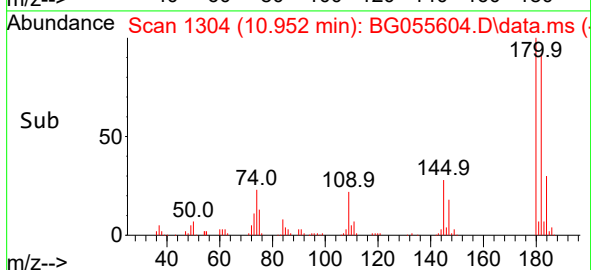
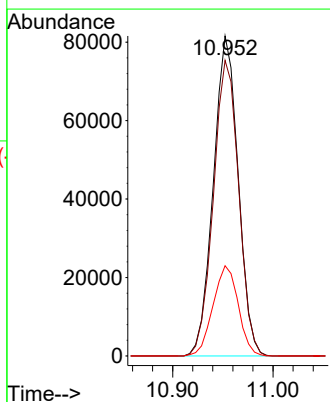
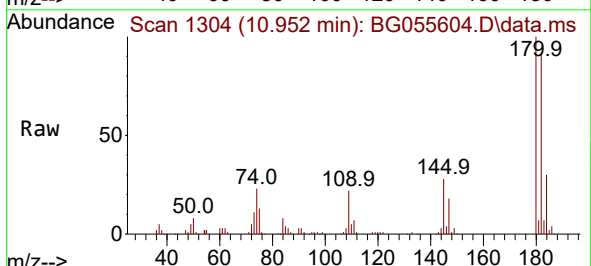
APPROVED

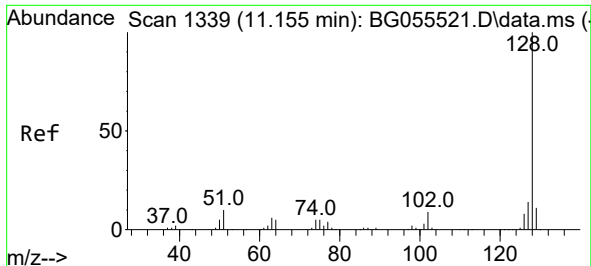
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#30
1,2,4-Trichlorobenzene
Concen: 38.318 ng
RT: 10.952 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

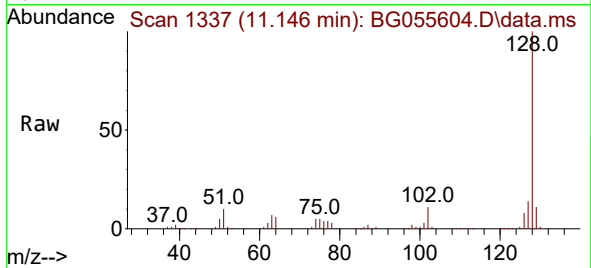
Tgt Ion:180 Resp: 139748
Ion Ratio Lower Upper
180 100
182 92.4 75.9 113.9
145 28.2 23.8 35.6





#31
Naphthalene
Concen: 37.358 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

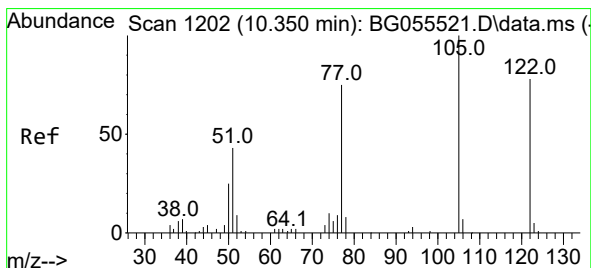
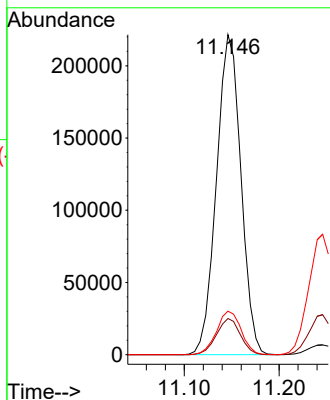
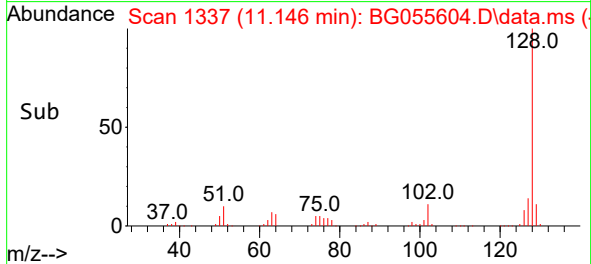
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion:128 Resp: 397140
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 11.1 16.7

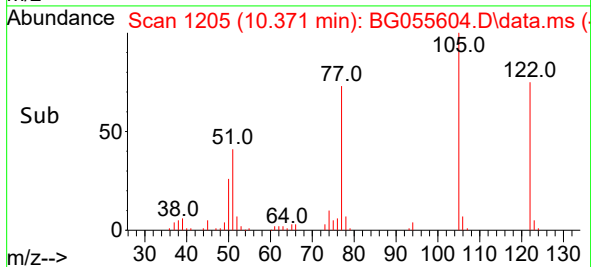
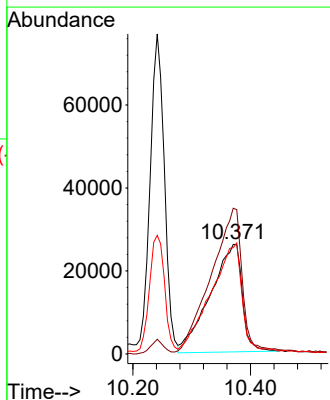
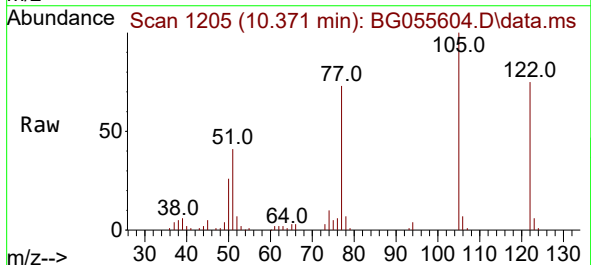
Manual Integrations
APPROVED

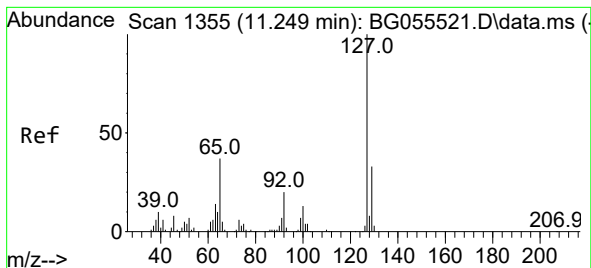
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#32
Benzoic acid
Concen: 56.368 ng
RT: 10.371 min Scan# 1205
Delta R.T. 0.021 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

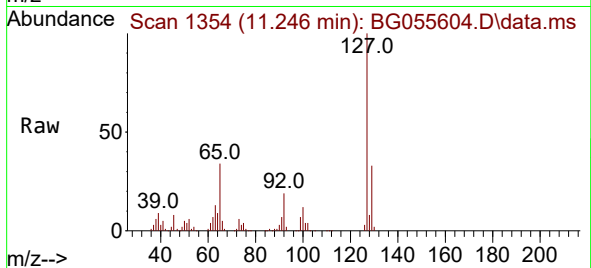
Tgt Ion:122 Resp: 97715
Ion Ratio Lower Upper
122 100
105 132.9 101.2 141.2
77 96.8 74.4 114.4





#33
4-Chloroaniline
Concen: 34.734 ng
RT: 11.246 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

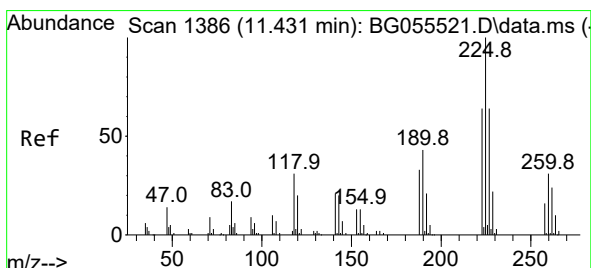
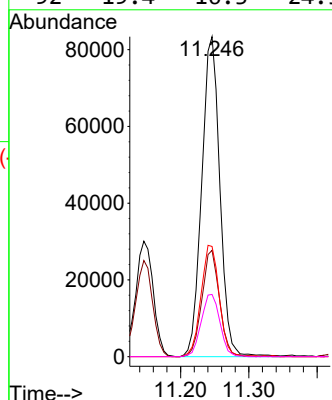
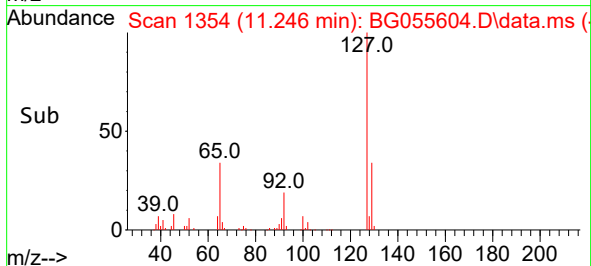
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion:127 Resp: 15434
Ion Ratio Lower Upper
127 100
129 33.3 26.5 39.7
65 34.5 29.3 43.9
92 19.4 16.3 24.5

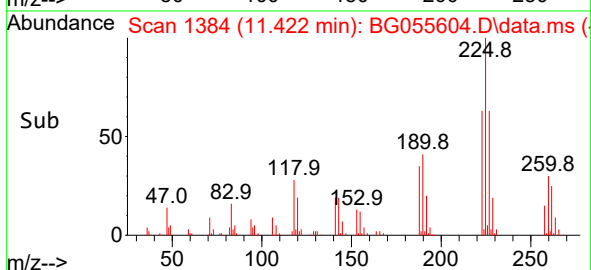
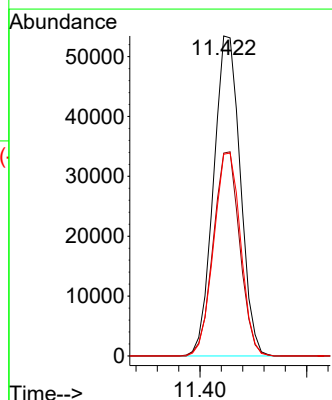
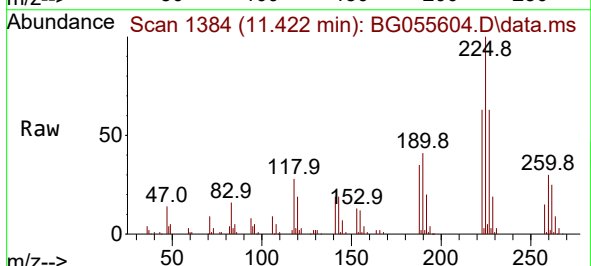
Manual Integrations
APPROVED

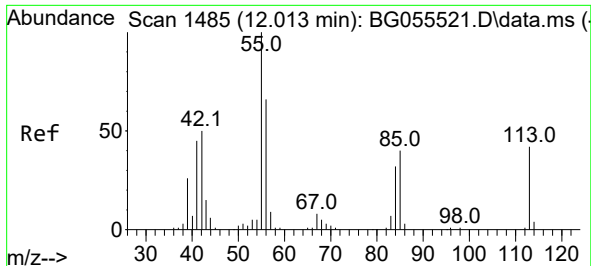
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#34
Hexachlorobutadiene
Concen: 38.170 ng
RT: 11.422 min Scan# 1384
Delta R.T. -0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:225 Resp: 92845
Ion Ratio Lower Upper
225 100
223 63.4 51.5 77.3
227 63.0 51.6 77.4





#35
Caprolactam
Concen: 53.845 ng m
RT: 12.010 min Scan# 1485
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

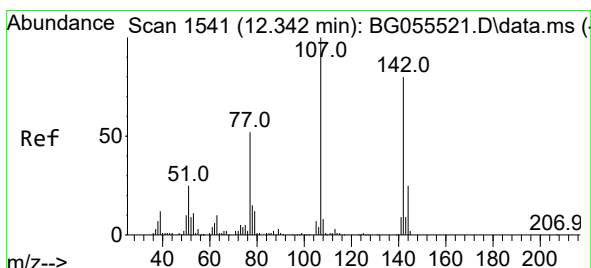
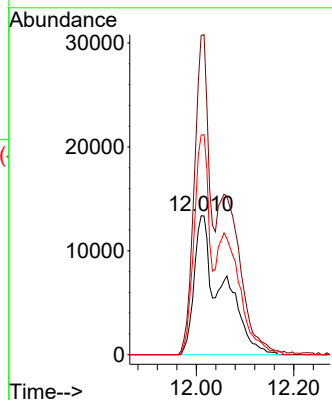
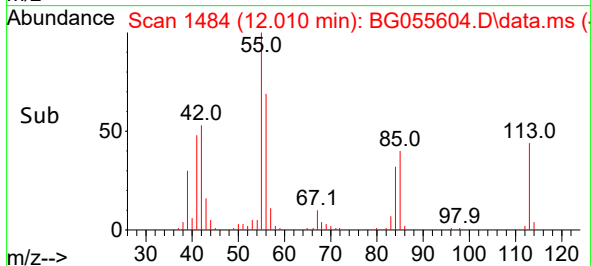
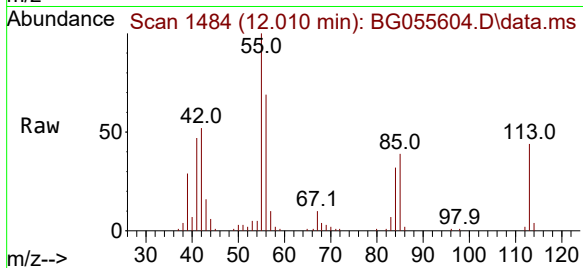
ClientSampleId :

PB148777BS

Tgt Ion:113 Resp: 5344
Ion Ratio Lower Upper
113 100
55 229.7 215.6 255.6
56 158.0 136.5 176.5

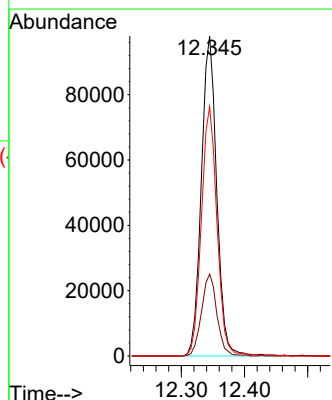
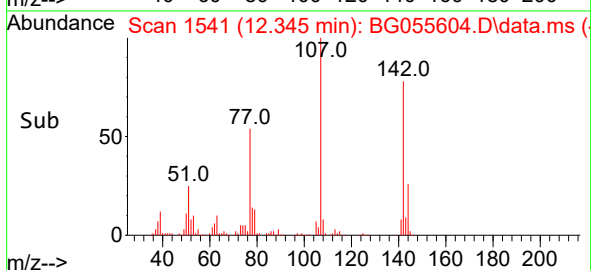
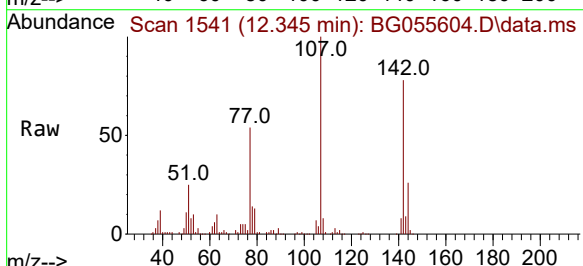
Manual Integrations
APPROVED

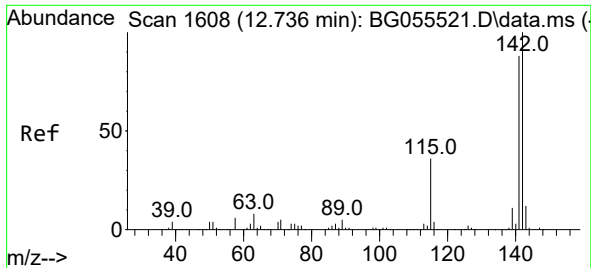
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#36
4-Chloro-3-methylphenol
Concen: 48.147 ng
RT: 12.345 min Scan# 1541
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:107 Resp: 165239
Ion Ratio Lower Upper
107 100
144 25.6 20.3 30.5
142 77.9 64.1 96.1





#37

2-Methylnaphthalene

Concen: 39.151 ng

RT: 12.732 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

Tgt Ion:142 Resp: 312700

Ion Ratio Lower Upper

142 100

141 91.1 70.3 105.5

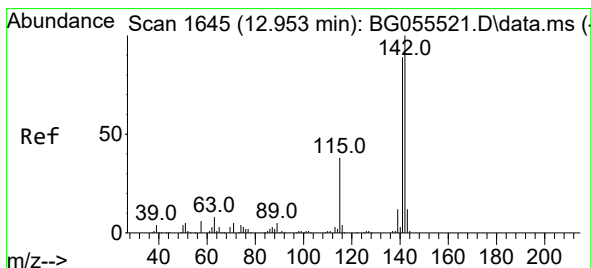
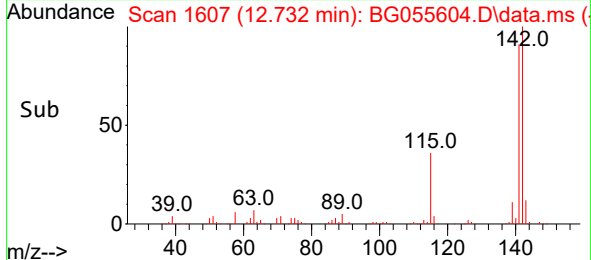
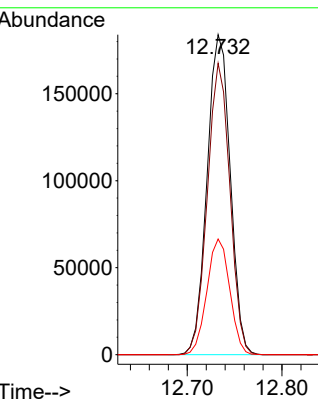
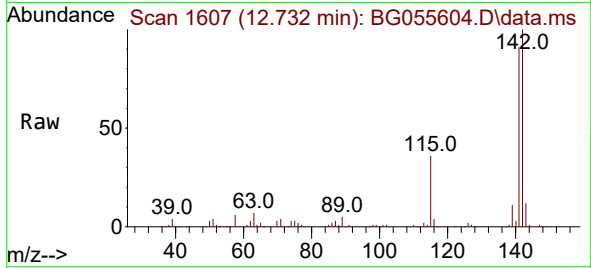
115 36.1 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#38

1-Methylnaphthalene

Concen: 38.408 ng

RT: 12.950 min Scan# 1644

Delta R.T. -0.003 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

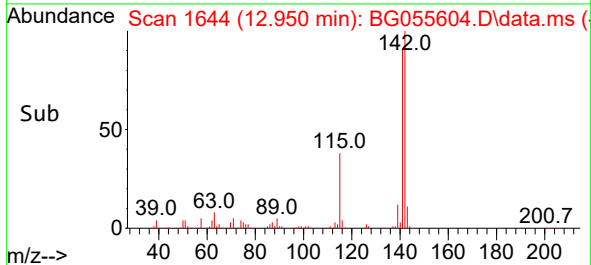
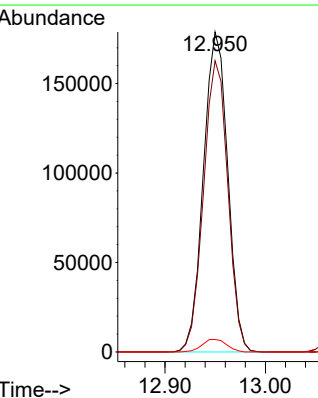
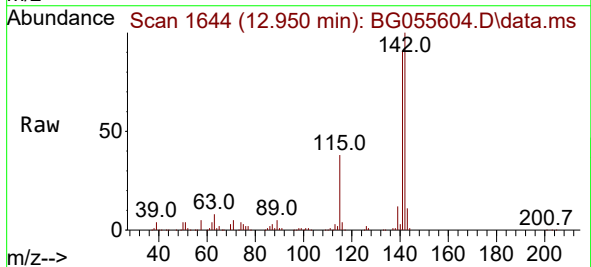
Tgt Ion:142 Resp: 300075

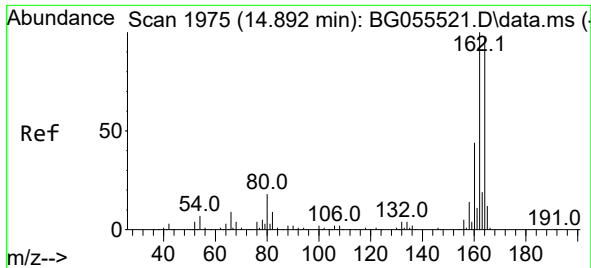
Ion Ratio Lower Upper

142 100

141 91.0 71.6 107.4

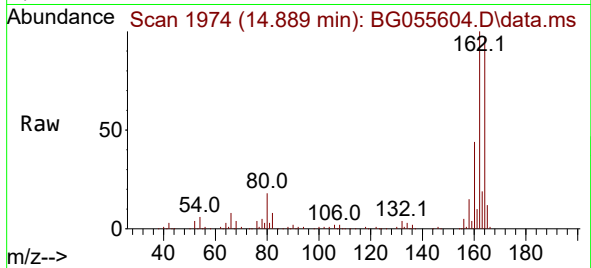
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.889 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

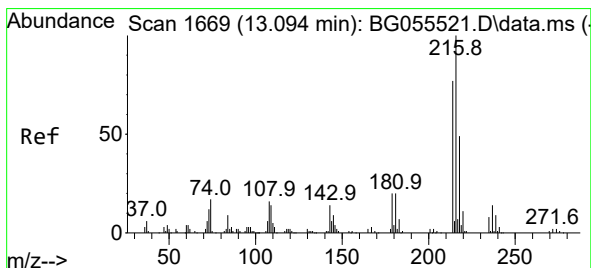
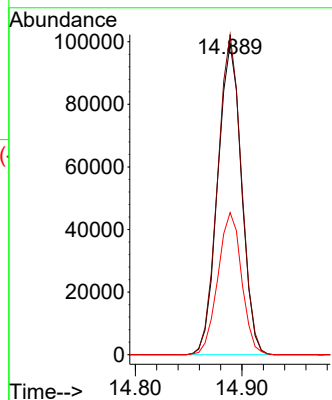
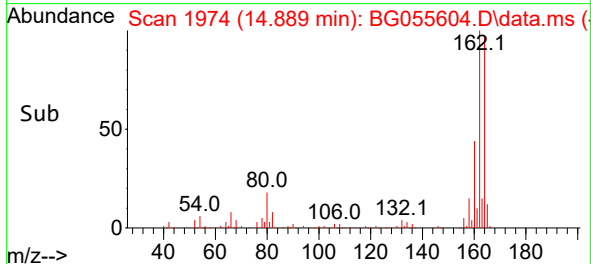
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion:164 Resp: 153610
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 45.7 35.9 53.9

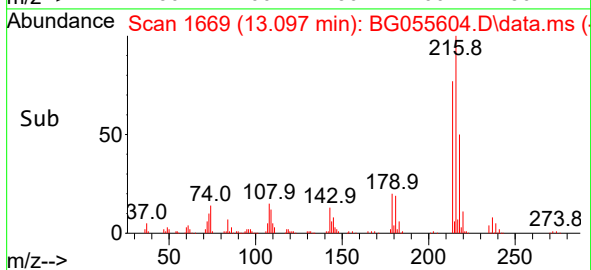
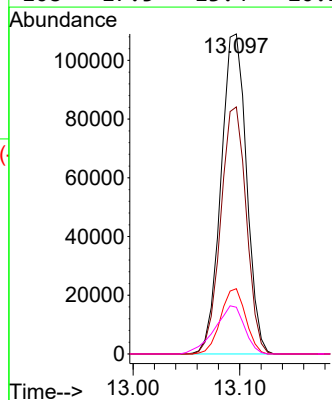
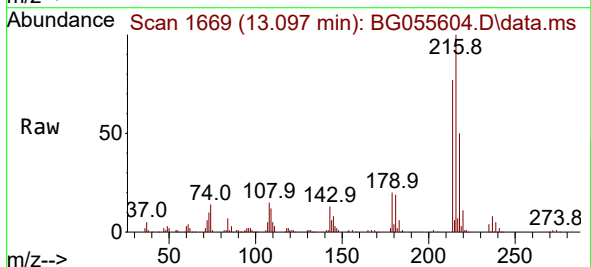
Manual Integrations
APPROVED

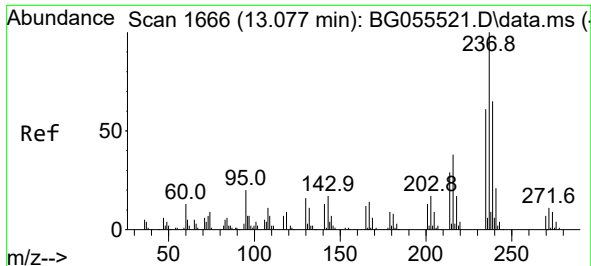
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.500 ng
RT: 13.097 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

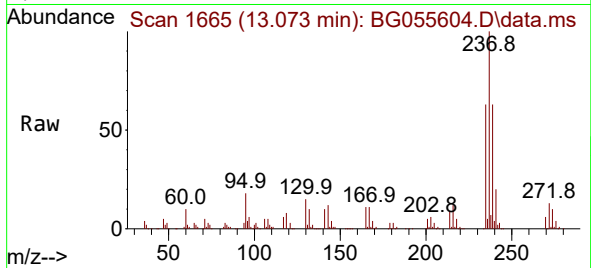
Tgt Ion:216 Resp: 181248
Ion Ratio Lower Upper
216 100
214 77.0 61.3 91.9
179 20.0 16.3 24.5
108 17.5 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 108.338 ng
RT: 13.073 min Scan# 1666
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

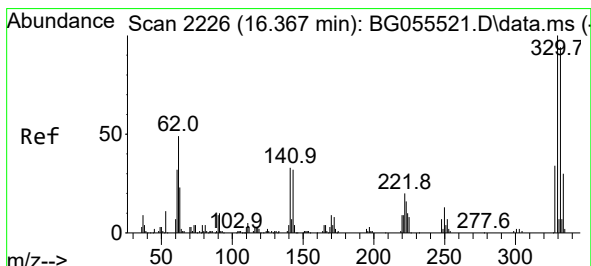
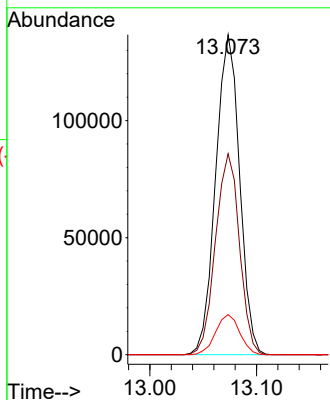
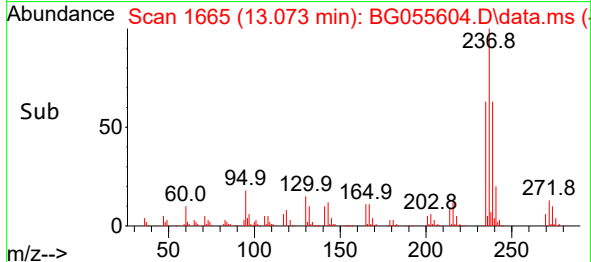
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion:237 Resp: 212810
Ion Ratio Lower Upper
237 100
235 62.8 40.6 80.6
272 12.5 0.0 31.4

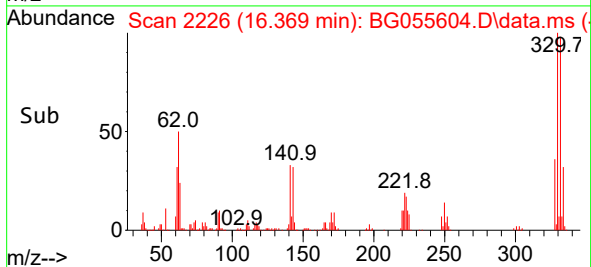
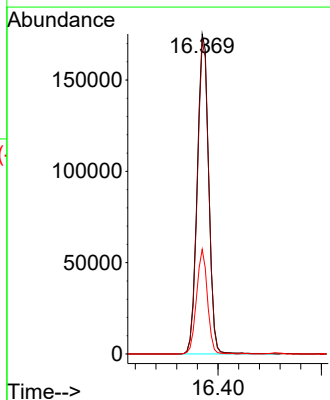
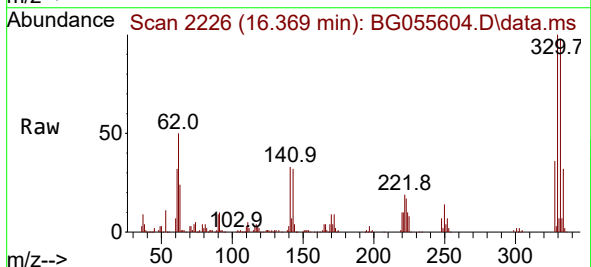
Manual Integrations
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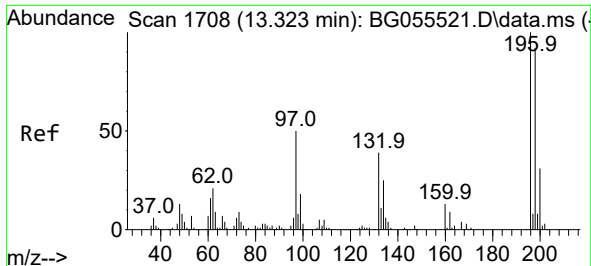
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#42
2,4,6-Tribromophenol
Concen: 179.949 ng
RT: 16.369 min Scan# 2226
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

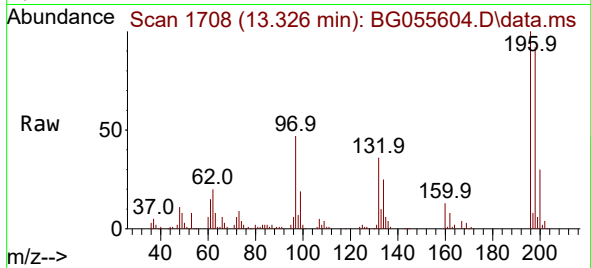
Tgt Ion:330 Resp: 269704
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 31.0 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 49.103 ng
RT: 13.326 min Scan# 1708
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

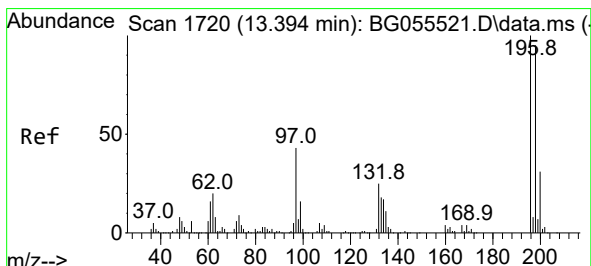
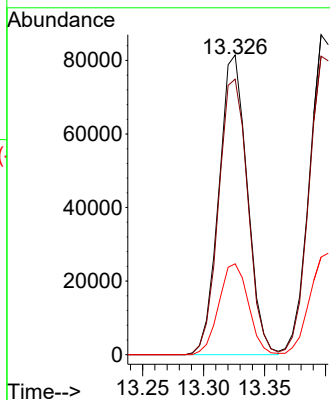
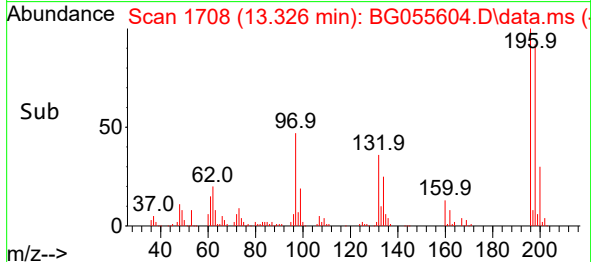
Instrument :
BNA_G
ClientSampleId :
PB148777BS



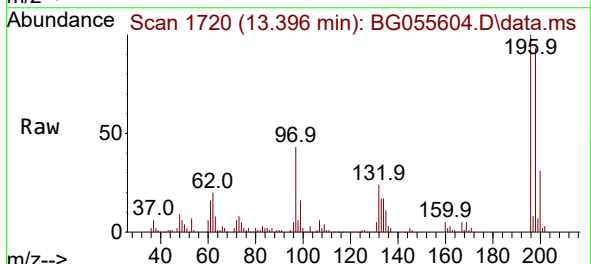
Tgt Ion:196 Resp: 132480
Ion Ratio Lower Upper
196 100
198 92.0 73.9 110.9
200 30.3 24.6 37.0

Manual Integrations
APPROVED

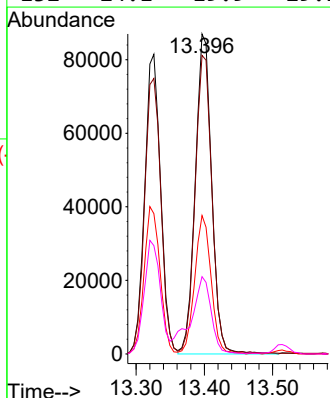
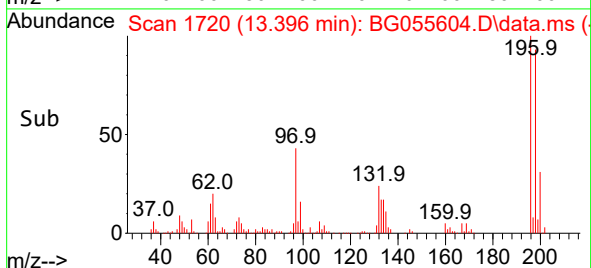
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

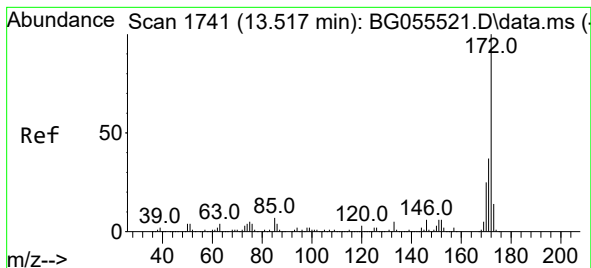


#44
2,4,5-Trichlorophenol
Concen: 46.943 ng
RT: 13.396 min Scan# 1720
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:196 Resp: 144991
Ion Ratio Lower Upper
196 100
198 93.3 76.1 114.1
97 43.2 34.2 51.4
132 24.1 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 72.096 ng
RT: 13.514 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

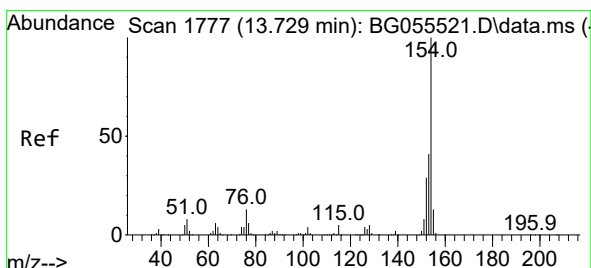
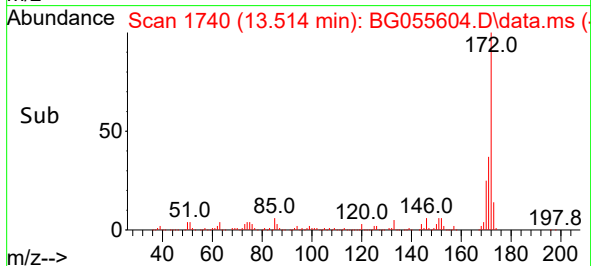
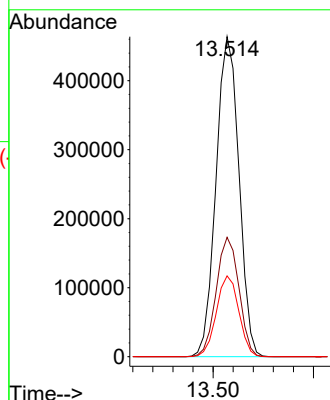
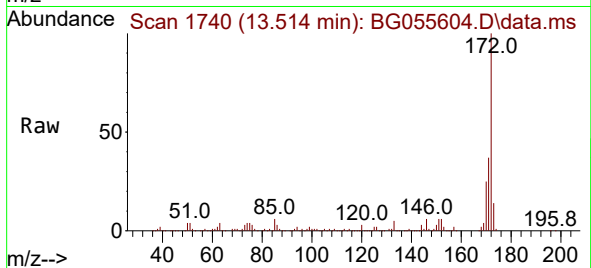
PB148777BS

Tgt Ion:172 Resp: 73420
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.3 19.8 29.6

Manual Integrations

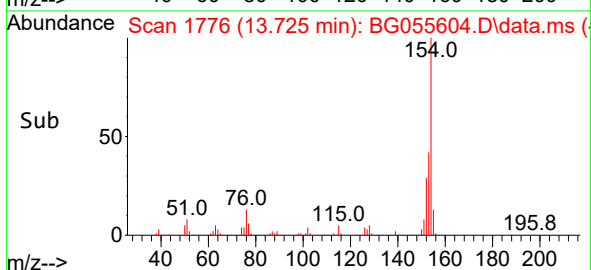
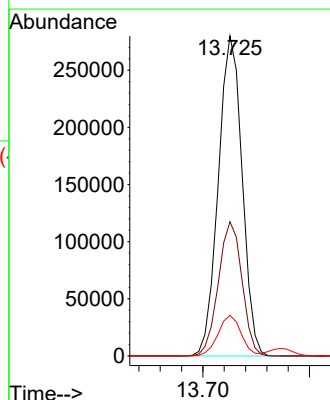
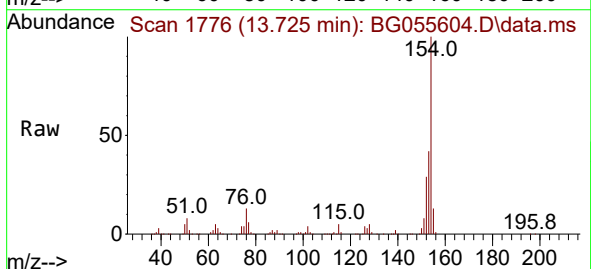
APPROVED

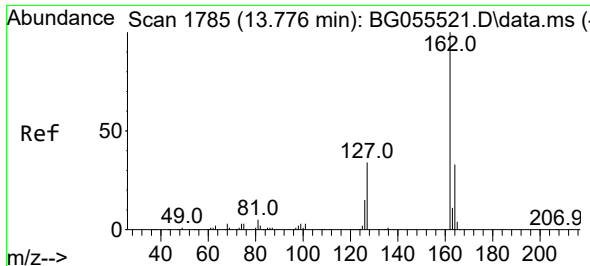
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#46
1,1'-Biphenyl
Concen: 38.560 ng
RT: 13.725 min Scan# 1776
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:154 Resp: 433337
Ion Ratio Lower Upper
154 100
153 42.0 20.9 60.9
76 12.7 0.0 32.7





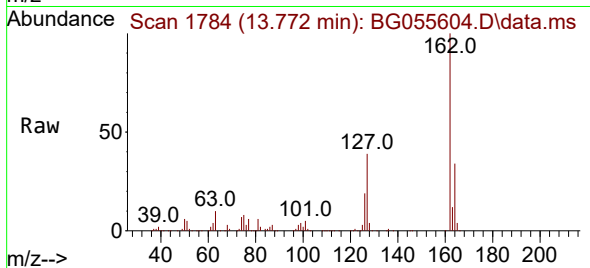
#47
2-Chloronaphthalene
Concen: 37.801 ng
RT: 13.772 min Scan# 1785
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

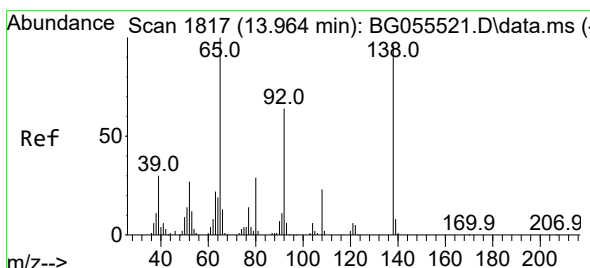
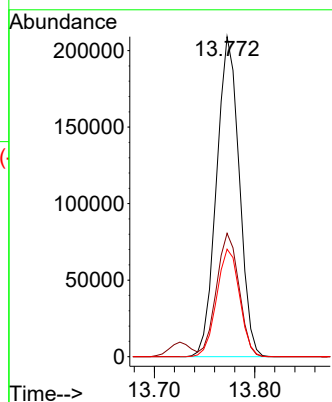
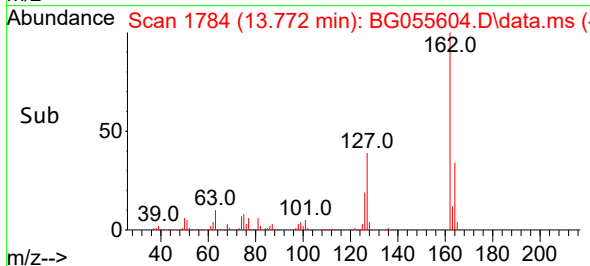


Tgt Ion:162 Resp: 32811
Ion Ratio Lower Upper
162 100
127 38.5 30.9 46.3
164 33.6 26.8 40.2

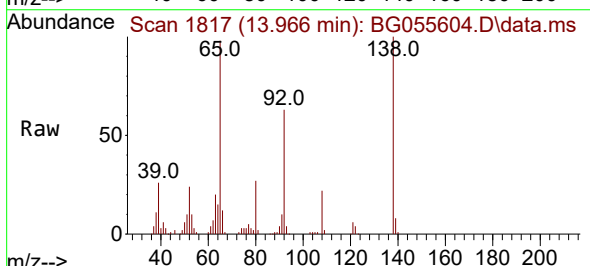
Manual Integrations

APPROVED

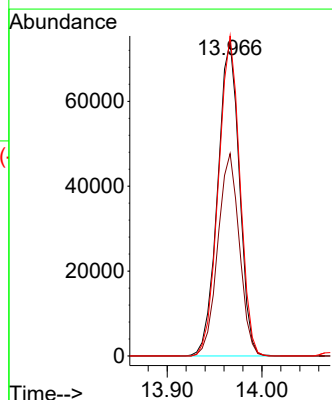
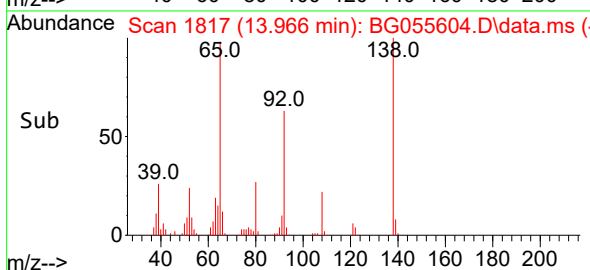
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

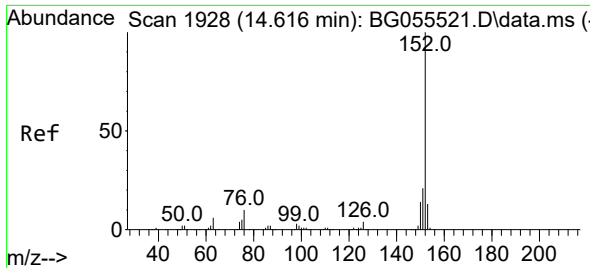


#48
2-Nitroaniline
Concen: 52.320 ng
RT: 13.966 min Scan# 1817
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



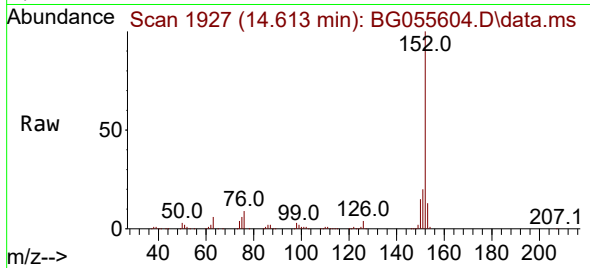
Tgt Ion: 65 Resp: 117806
Ion Ratio Lower Upper
65 100
92 64.4 51.6 77.4
138 101.8 77.0 115.4





#49
Acenaphthylene
Concen: 38.514 ng
RT: 14.613 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

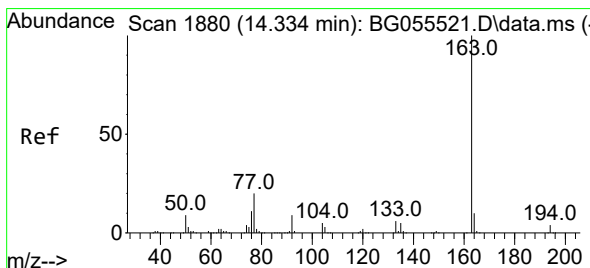
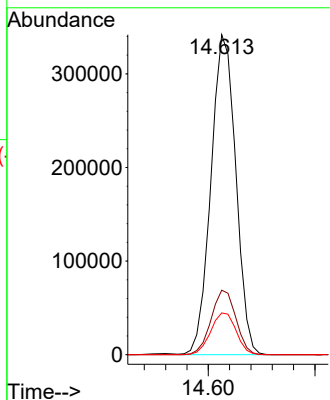
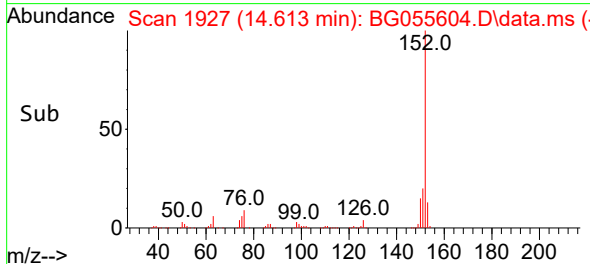
Instrument :
BNA_G
ClientSampleId :
PB148777BS



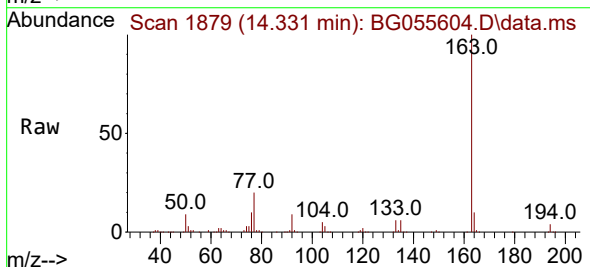
Tgt Ion:152 Resp: 553152
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.0 10.6 16.0

Manual Integrations
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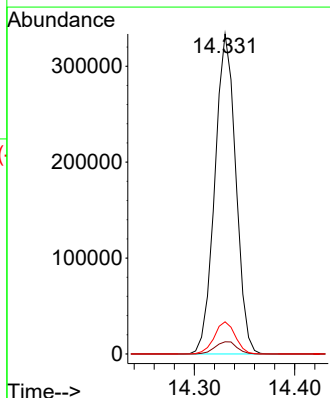
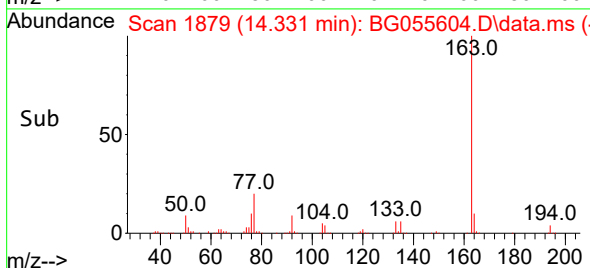
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

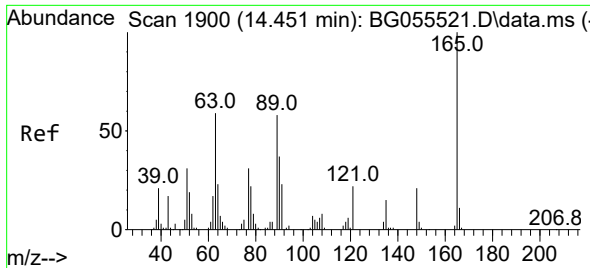


#50
Dimethylphthalate
Concen: 41.428 ng
RT: 14.331 min Scan# 1879
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



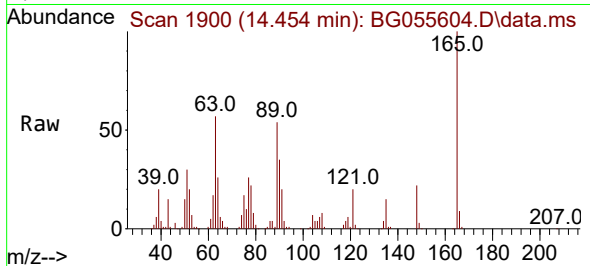
Tgt Ion:163 Resp: 483563
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.856 ng
RT: 14.454 min Scan# 1900
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

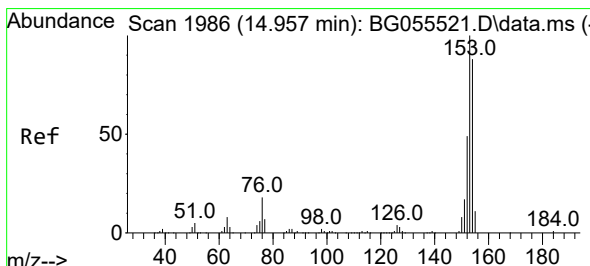
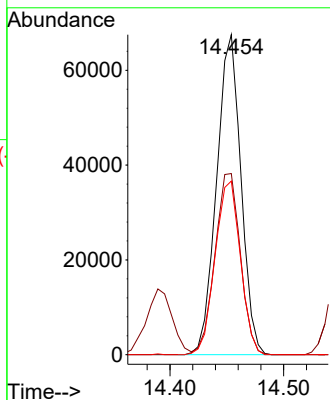
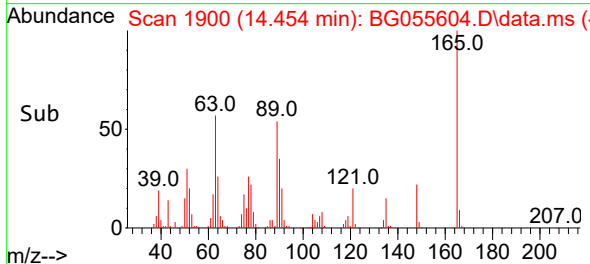
Instrument :
BNA_G
ClientSampleId :
PB148777BS



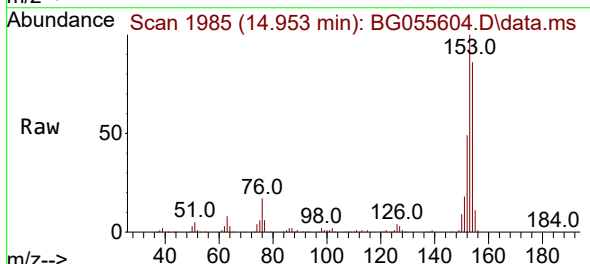
Tgt Ion:165 Resp: 10036
Ion Ratio Lower Upper
165 100
63 56.6 50.1 75.1
89 54.3 46.5 69.7

Manual Integrations
APPROVED

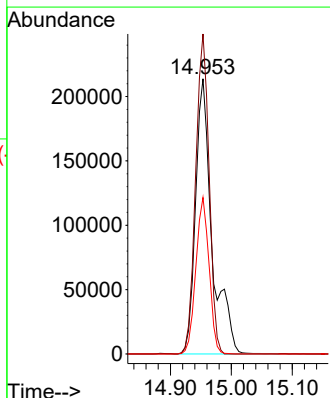
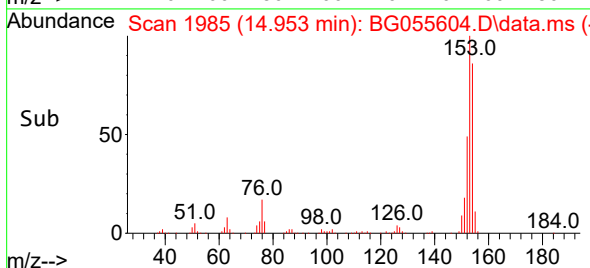
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

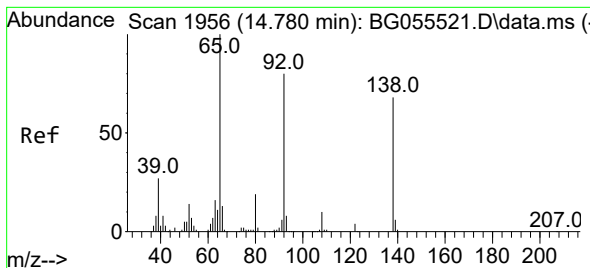


#52
Acenaphthene
Concen: 45.095 ng
RT: 14.953 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:154 Resp: 404325
Ion Ratio Lower Upper
154 100
153 116.2 91.4 137.0
152 56.9 44.5 66.7





#53
3-Nitroaniline
Concen: 38.446 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

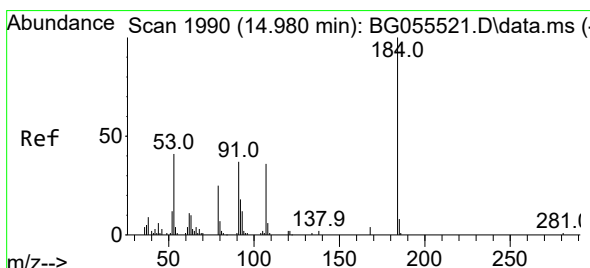
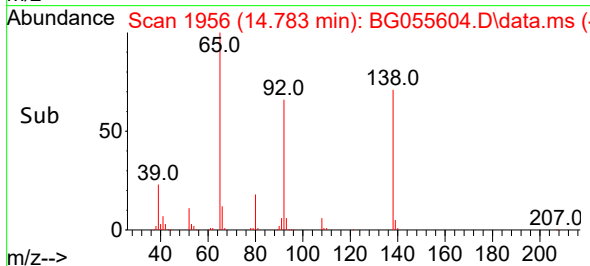
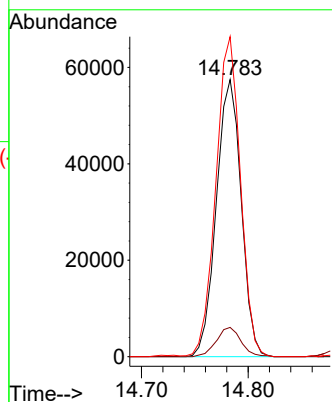
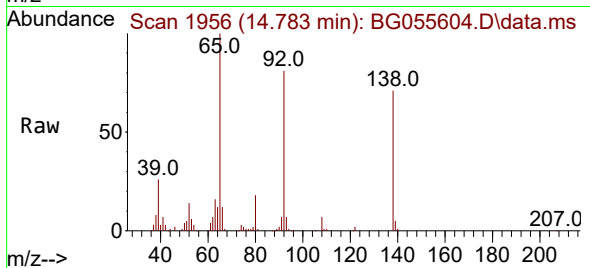
PB148777BS

Tgt Ion:138 Resp: 9296
Ion Ratio Lower Upper
138 100
108 10.6 11.7 17.5
92 115.5 94.3 141.5

Manual Integrations

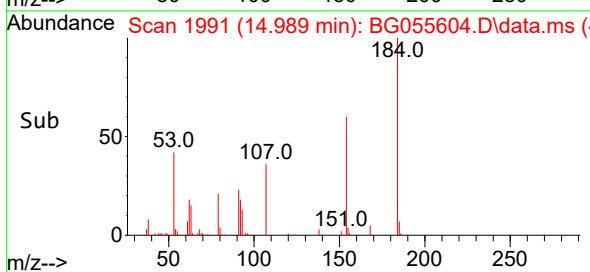
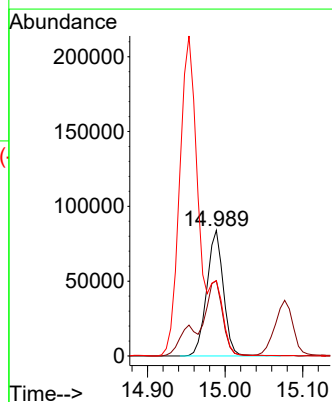
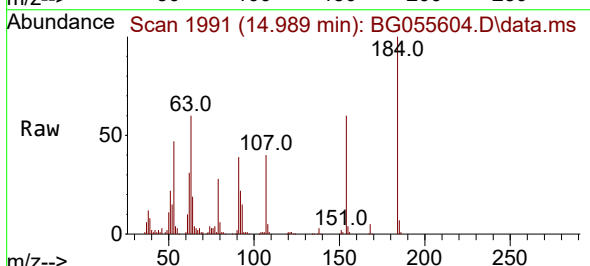
APPROVED

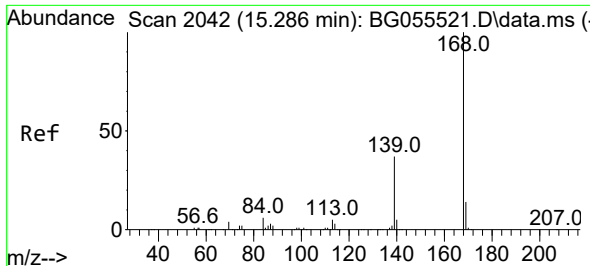
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#54
2,4-Dinitrophenol
Concen: 172.659 ng
RT: 14.989 min Scan# 1991
Delta R.T. 0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:184 Resp: 125306
Ion Ratio Lower Upper
184 100
63 59.9 43.8 65.8
154 60.1 77.2 115.8#





#55
Dibenzofuran
Concen: 39.115 ng
RT: 15.282 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

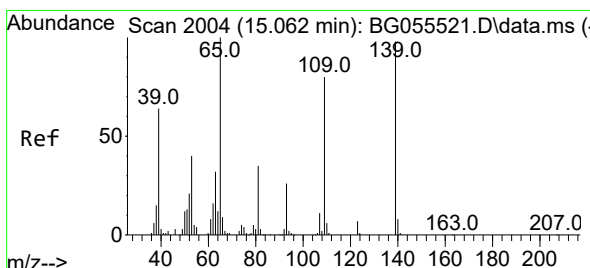
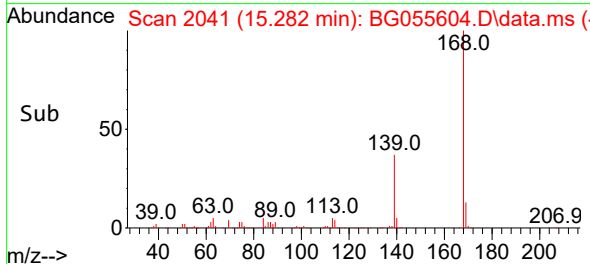
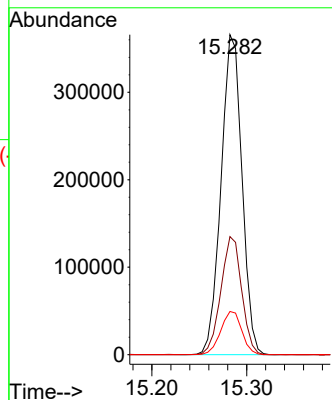
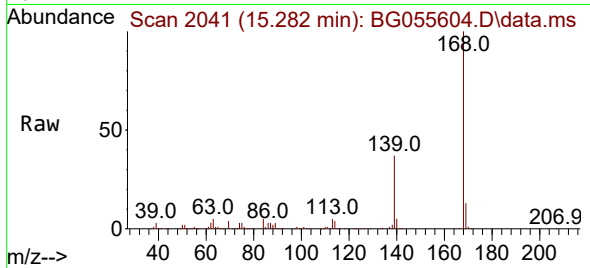
ClientSampleId :

PB148777BS

Tgt Ion:168 Resp: 560685
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.2
169 13.5 11.1 16.7

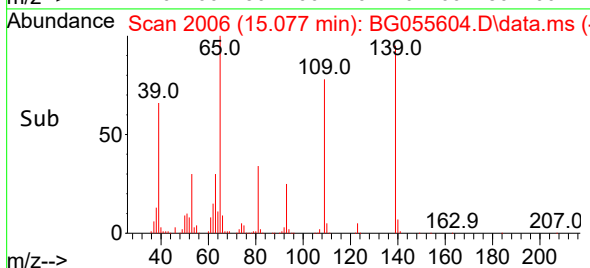
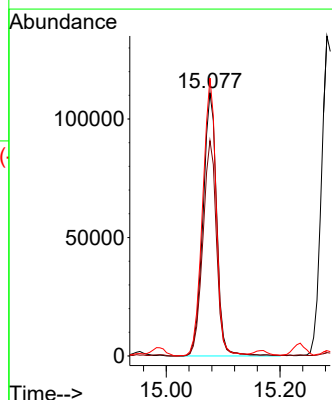
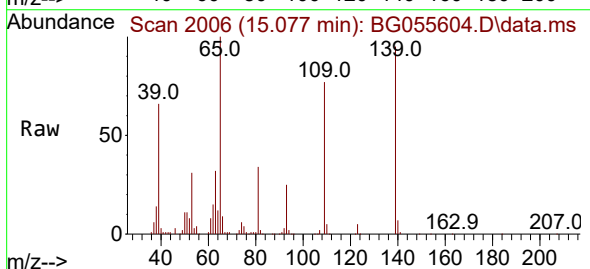
Manual Integrations
APPROVED

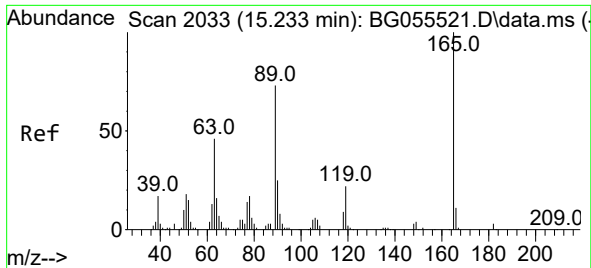
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#56
4-Nitrophenol
Concen: 107.606 ng
RT: 15.077 min Scan# 2006
Delta R.T. 0.015 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:139 Resp: 185985
Ion Ratio Lower Upper
139 100
109 81.8 61.8 101.8
65 105.6 82.9 122.9





#57
2,4-Dinitrotoluene
Concen: 53.680 ng
RT: 15.235 min Scan# 2033
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

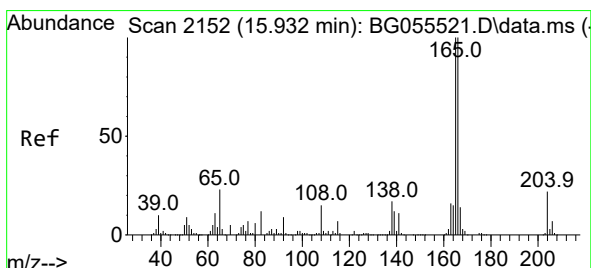
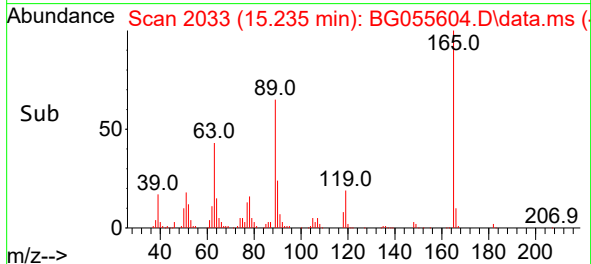
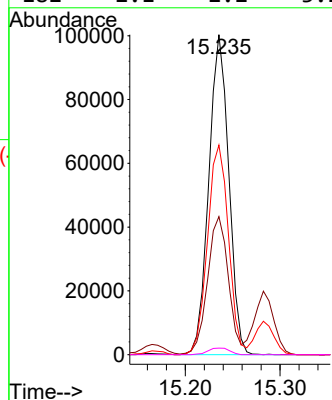
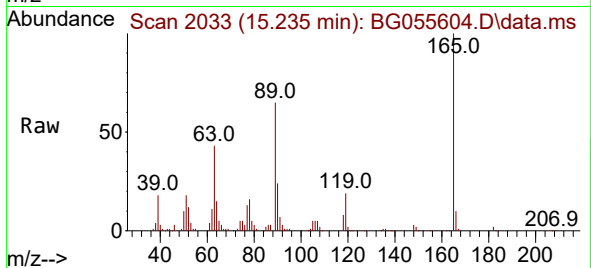
ClientSampleId :

PB148777BS

Tgt Ion:165 Resp: 14674
Ion Ratio Lower Upper
165 100
63 43.2 37.0 55.4
89 65.5 58.6 87.8
182 2.1 2.2 3.2#

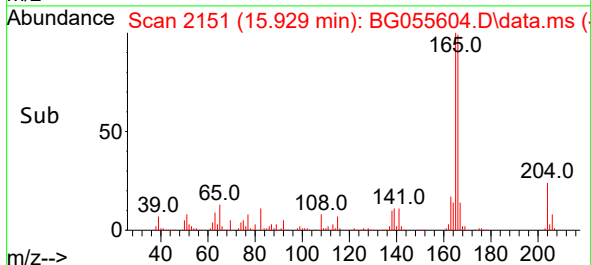
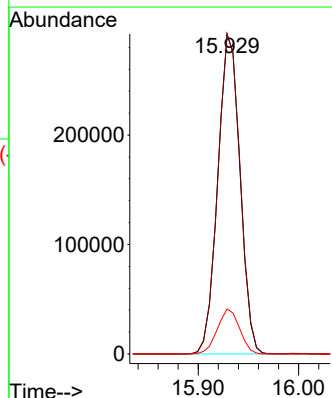
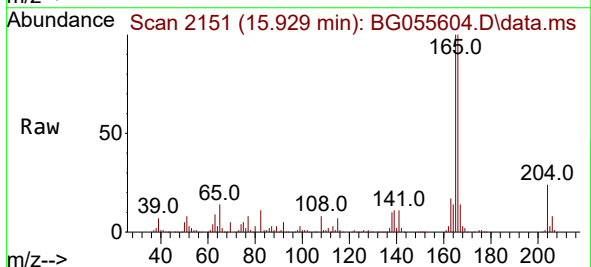
Manual Integrations
APPROVED

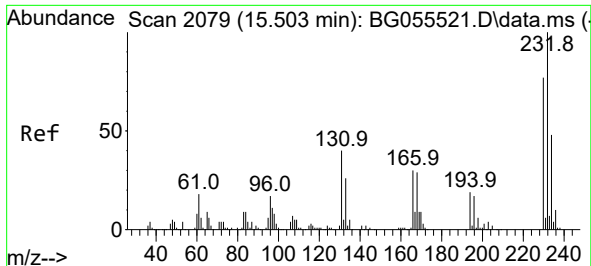
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#58
Fluorene
Concen: 39.257 ng
RT: 15.929 min Scan# 2151
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:166 Resp: 447685
Ion Ratio Lower Upper
166 100
165 100.0 80.2 120.2
167 14.1 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.291 ng
RT: 15.500 min Scan# 2079
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

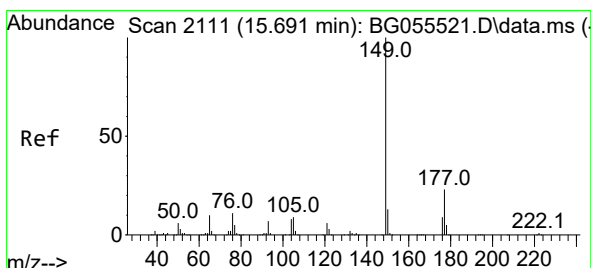
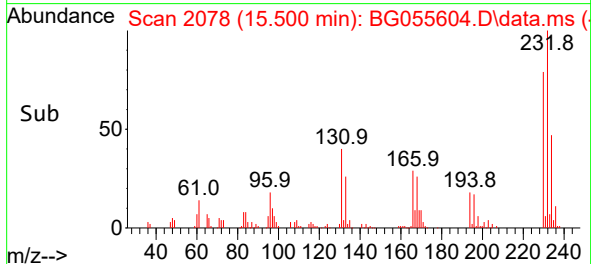
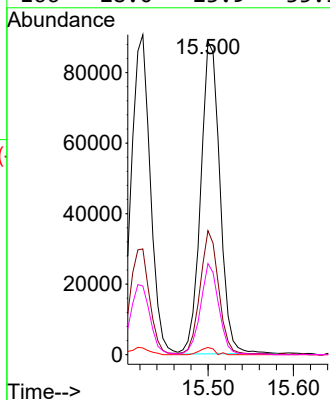
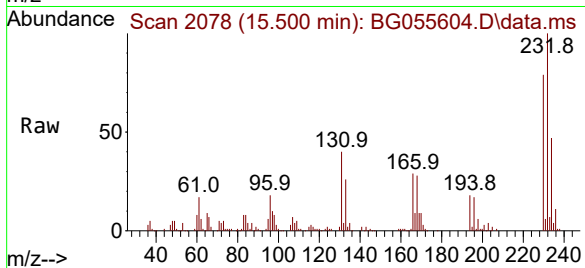
PB148777BS

Tgt Ion:232 Resp: 138249
Ion Ratio Lower Upper
232 100
131 39.2 31.8 47.8
130 1.8 1.7 2.5
166 28.0 23.9 35.9

Manual Integrations

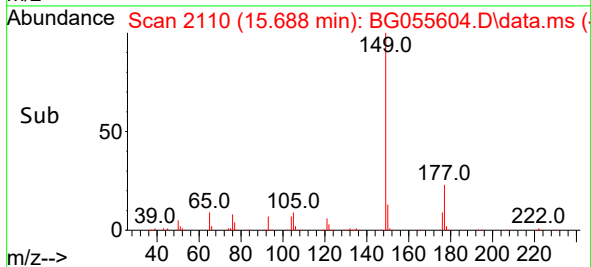
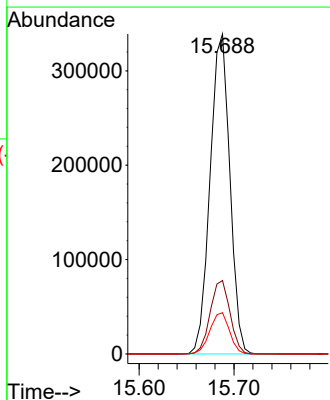
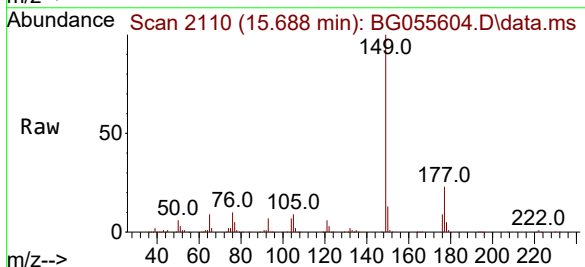
APPROVED

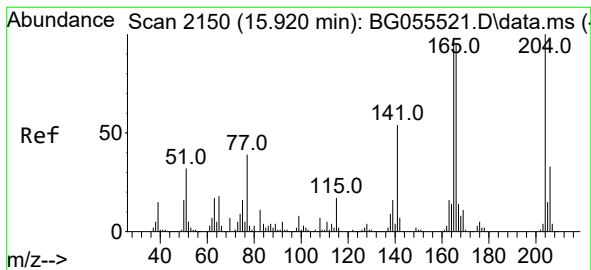
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#60
Diethylphthalate
Concen: 41.267 ng
RT: 15.688 min Scan# 2110
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

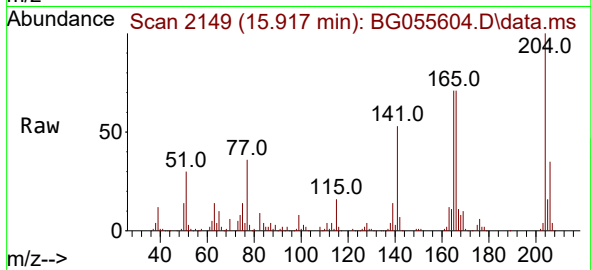
Tgt Ion:149 Resp: 490015
Ion Ratio Lower Upper
149 100
177 22.9 18.6 27.8
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.104 ng
RT: 15.917 min Scan# 2150
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

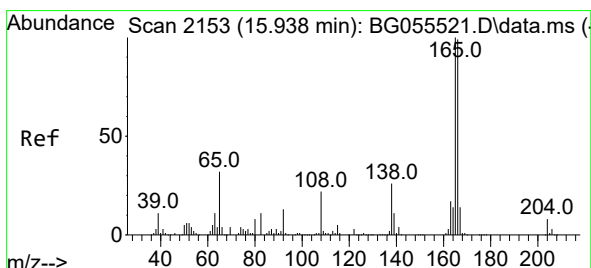
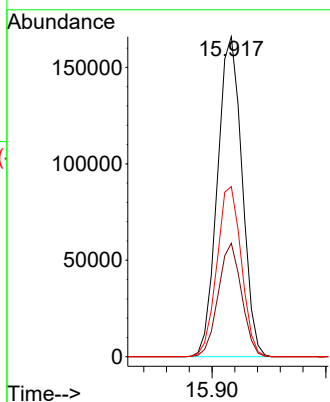
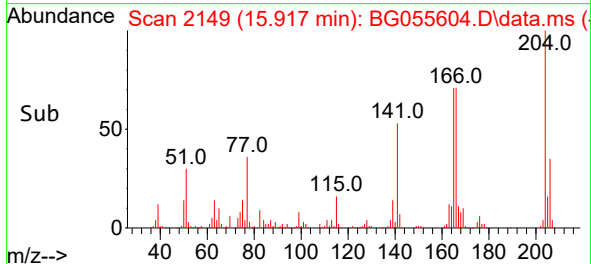
Instrument :
BNA_G
ClientSampleId :
PB148777BS



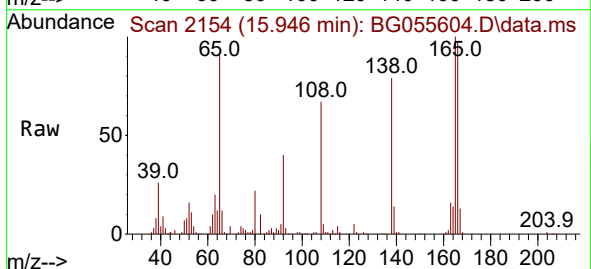
Tgt Ion:204 Resp: 24933
Ion Ratio Lower Upper
204 100
206 35.5 26.8 40.2
141 53.2 43.1 64.7

Manual Integrations
APPROVED

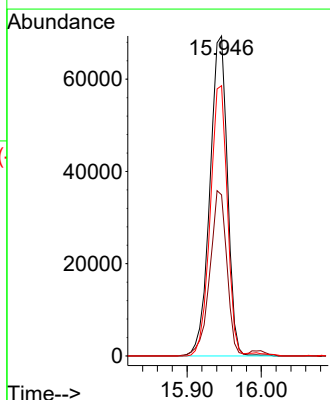
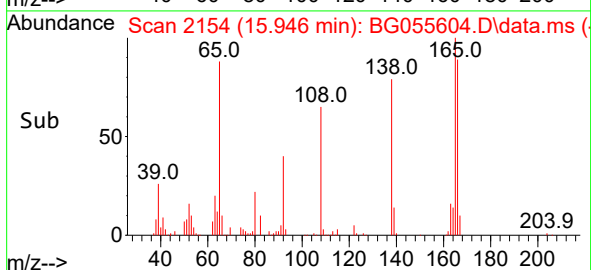
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

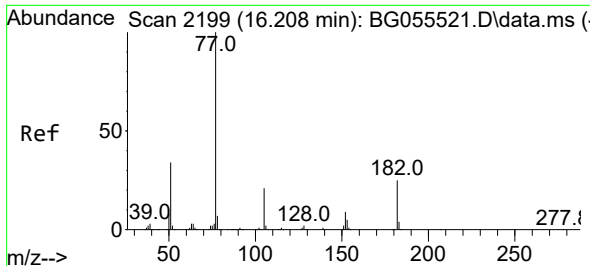


#62
4-Nitroaniline
Concen: 49.200 ng
RT: 15.946 min Scan# 2154
Delta R.T. 0.008 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



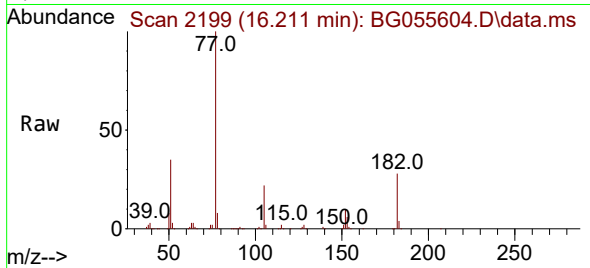
Tgt Ion:138 Resp: 113857
Ion Ratio Lower Upper
138 100
92 50.4 30.6 70.6
108 84.5 64.0 104.0





#63
Azobenzene
Concen: 37.486 ng
RT: 16.211 min Scan# 2199
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

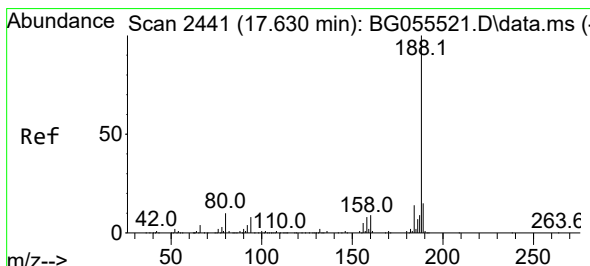
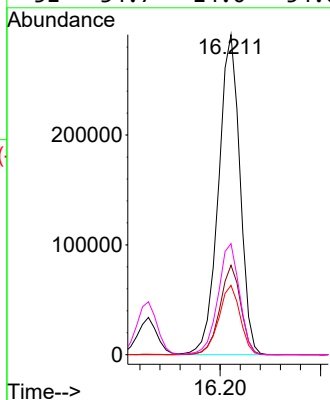
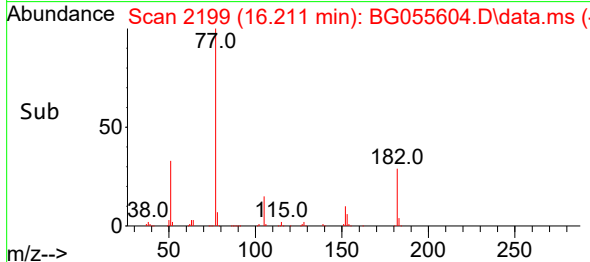
Instrument :
BNA_G
ClientSampleId :
PB148777BS



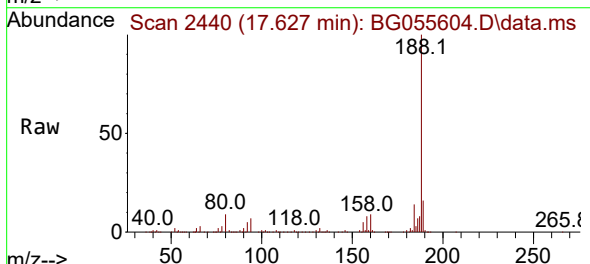
Tgt Ion: 77 Resp: 43145
Ion Ratio Lower Upper
77 100
182 27.9 4.6 44.6
105 21.7 1.2 41.2
51 34.7 14.0 54.0

Manual Integrations
APPROVED

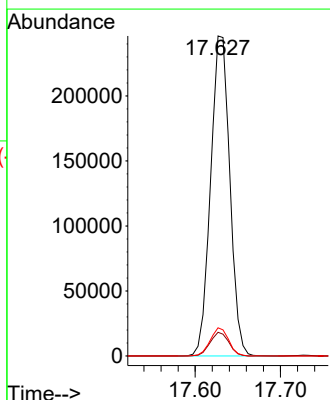
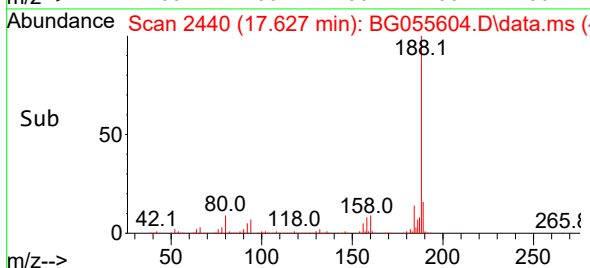
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

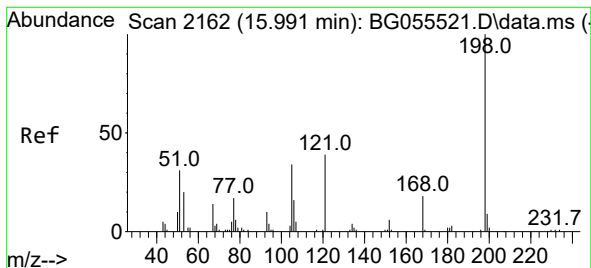


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2440
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:188 Resp: 384971
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.8 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 59.795 ng
RT: 15.999 min Scan# 2163
Delta R.T. 0.008 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

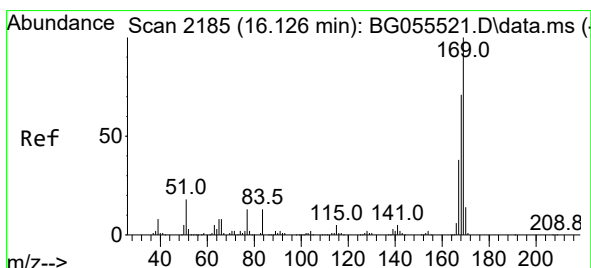
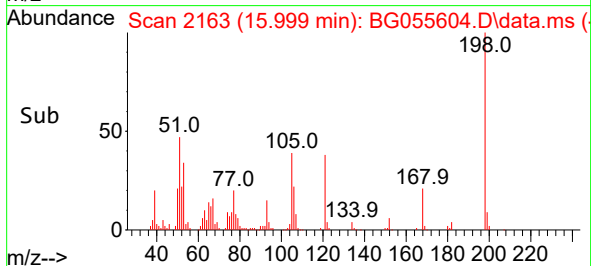
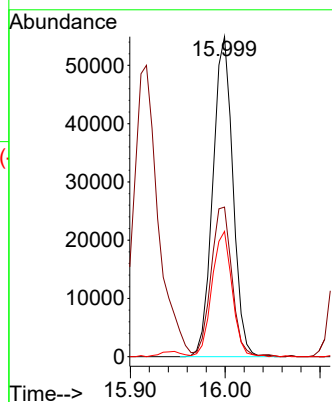
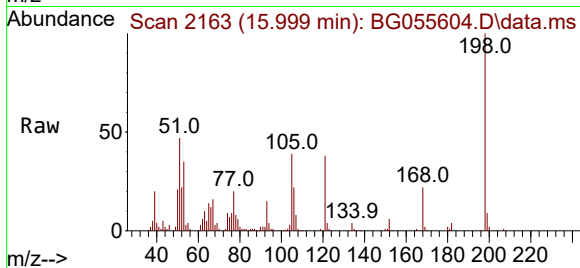
PB148777BS

Tgt Ion:198 Resp: 80460
Ion Ratio Lower Upper
198 100
51 46.8 24.7 64.7
105 39.1 17.6 57.6

Manual Integrations

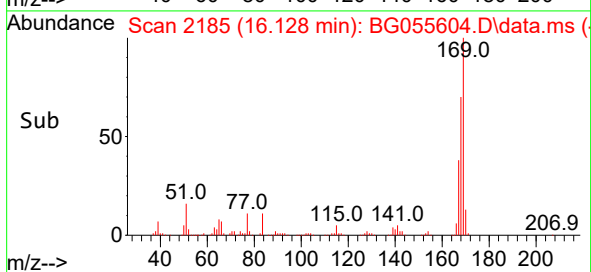
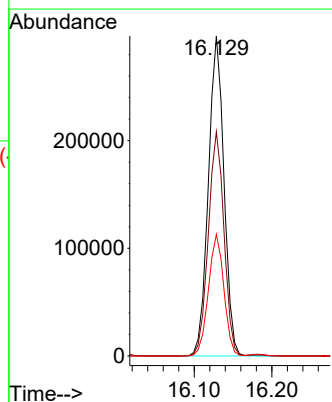
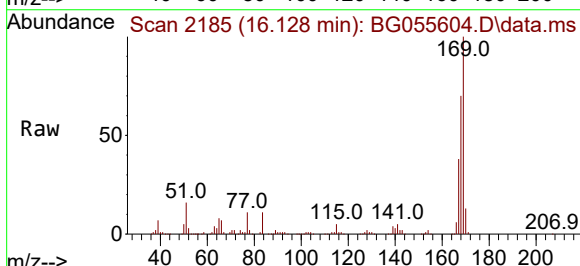
APPROVED

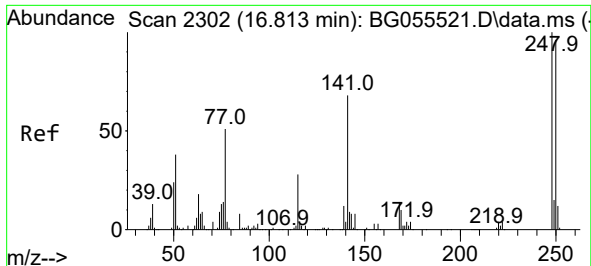
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#66
n-Nitrosodiphenylamine
Concen: 38.469 ng
RT: 16.128 min Scan# 2185
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Tgt Ion:169 Resp: 414873
Ion Ratio Lower Upper
169 100
168 70.0 57.0 85.4
167 38.0 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 43.003 ng
RT: 16.810 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

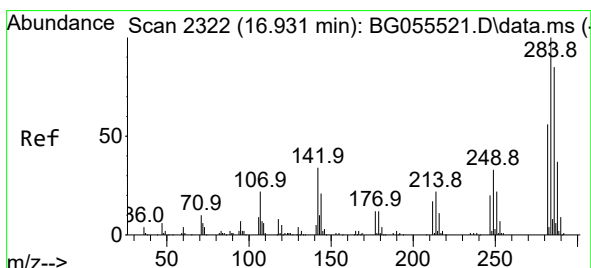
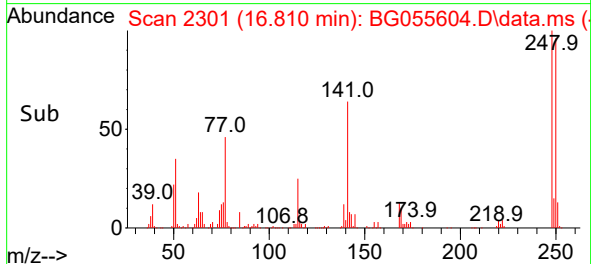
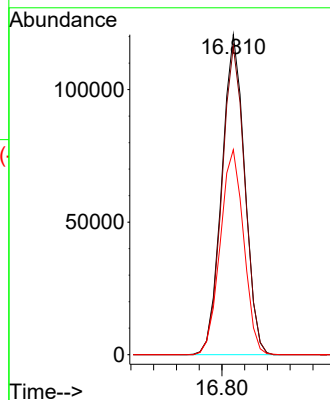
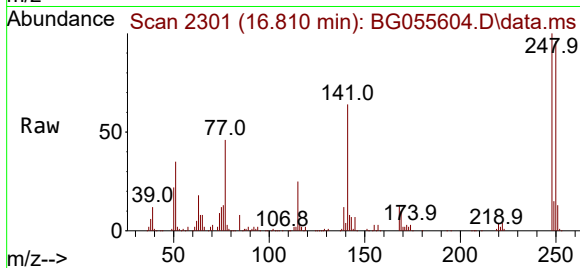
PB148777BS

Tgt Ion:248 Resp: 16888
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 64.1 54.3 81.5

Manual Integrations

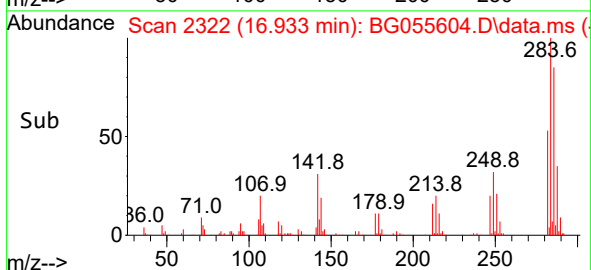
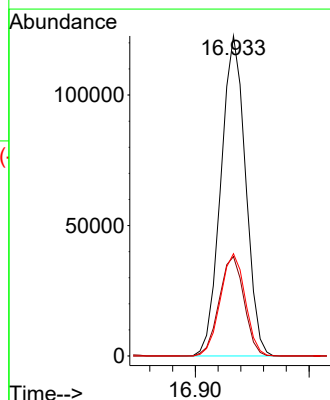
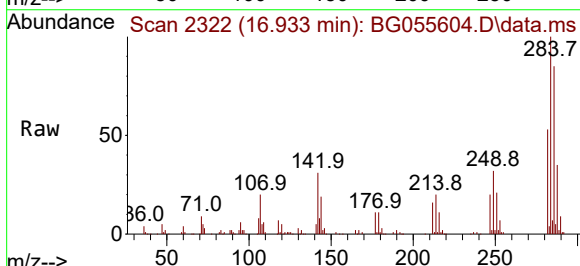
APPROVED

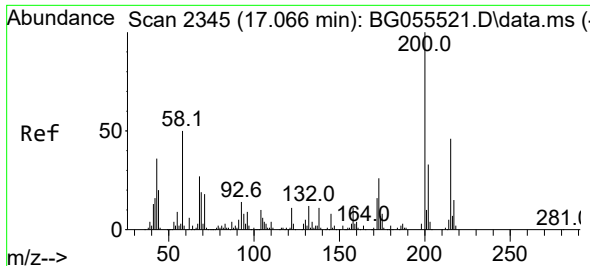
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#68
Hexachlorobenzene
Concen: 39.566 ng
RT: 16.933 min Scan# 2322
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

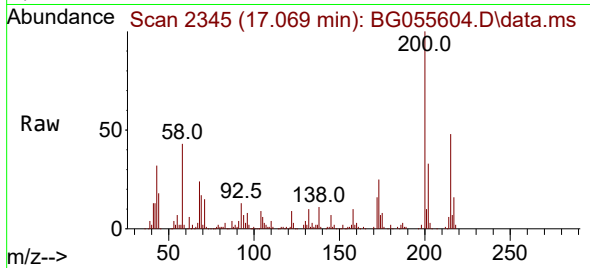
Tgt Ion:284 Resp: 184736
Ion Ratio Lower Upper
284 100
142 31.0 27.2 40.8
249 31.9 26.6 39.8





#69
 Atrazine
 Concen: 39.483 ng
 RT: 17.069 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055604.D
 Acq: 14 Nov 2022 14:31

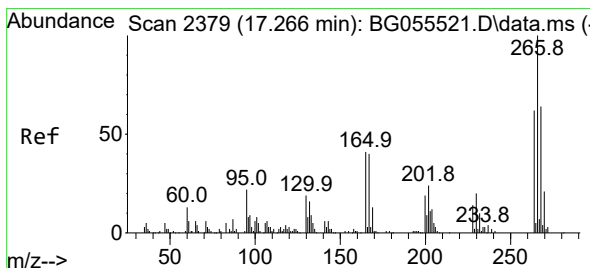
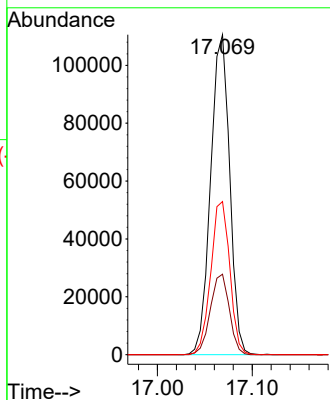
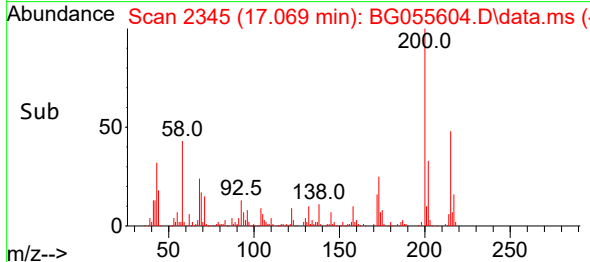
Instrument :
 BNA_G
 ClientSampleId :
 PB148777BS



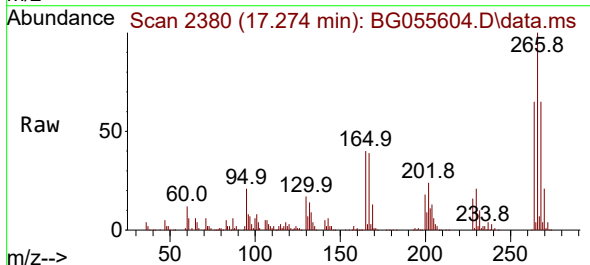
Tgt Ion:200 Resp: 15410
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.3 46.3
 215 47.9 26.4 66.4

Manual Integrations
 APPROVED

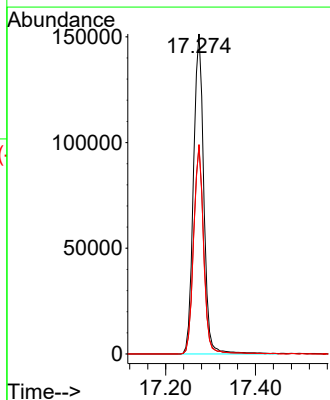
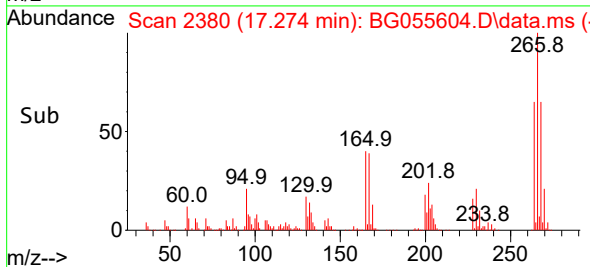
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

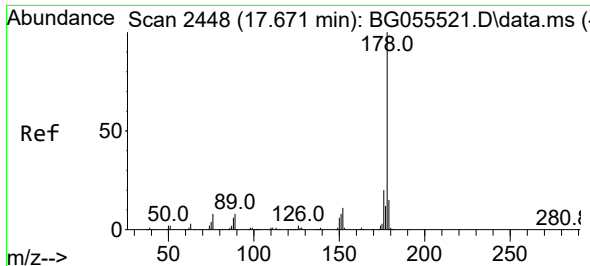


#70
 Pentachlorophenol
 Concen: 94.381 ng
 RT: 17.274 min Scan# 2380
 Delta R.T. 0.008 min
 Lab File: BG055604.D
 Acq: 14 Nov 2022 14:31



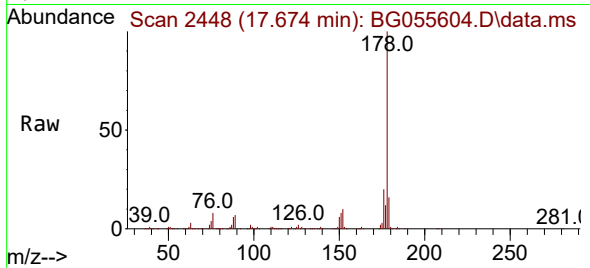
Tgt Ion:266 Resp: 241423
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.4 77.0
 264 65.5 49.5 74.3





#71
Phenanthrene
Concen: 37.436 ng
RT: 17.674 min Scan# 2448
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

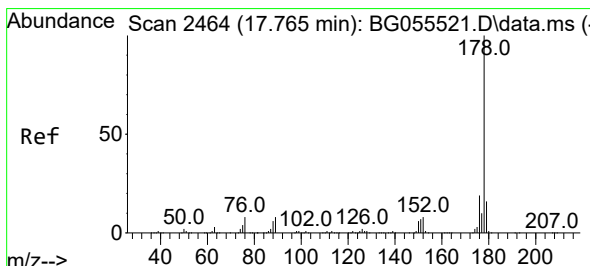
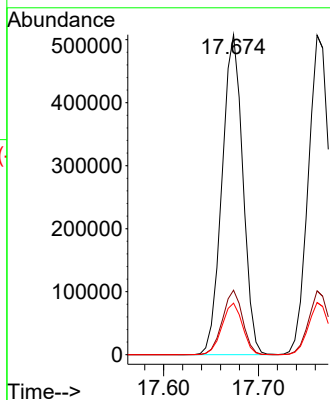
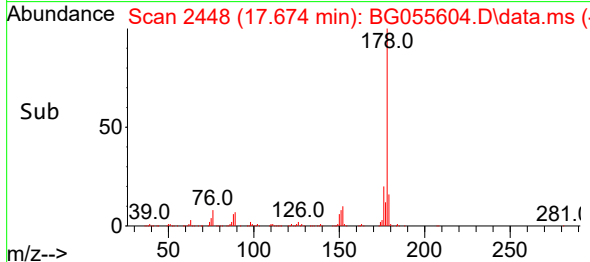
Instrument :
BNA_G
ClientSampleId :
PB148777BS



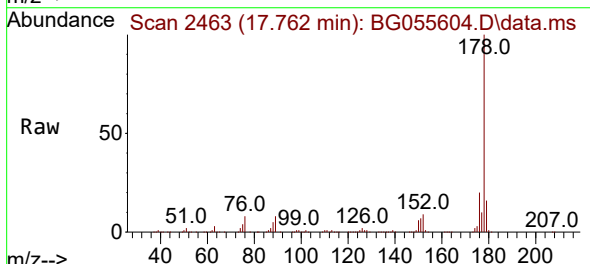
Tgt Ion:178 Resp: 77453
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.1 12.2 18.4

Manual Integrations
APPROVED

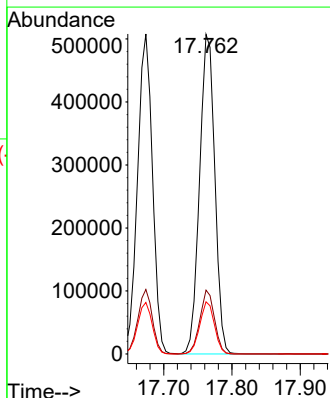
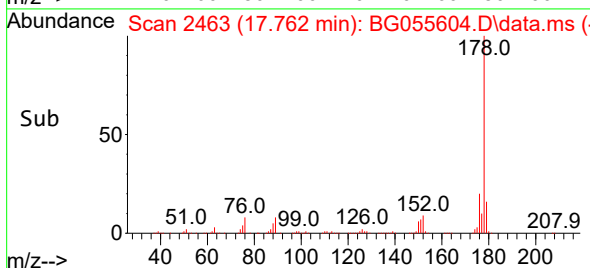
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

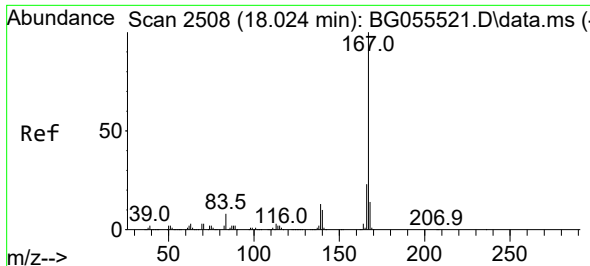


#72
Anthracene
Concen: 38.915 ng
RT: 17.762 min Scan# 2463
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:178 Resp: 789041
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 16.3 13.0 19.4





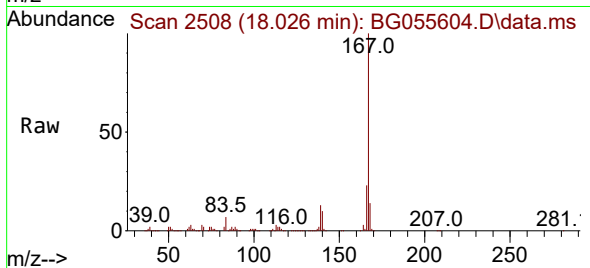
#73
 Carbazole
 Concen: 39.005 ng
 RT: 18.026 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055604.D
 Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

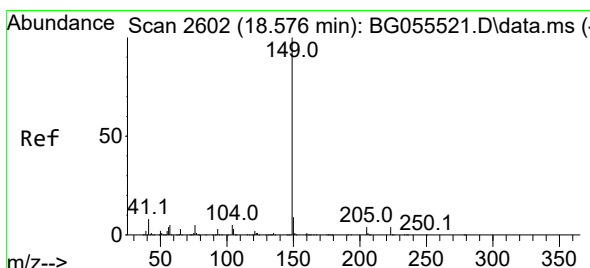
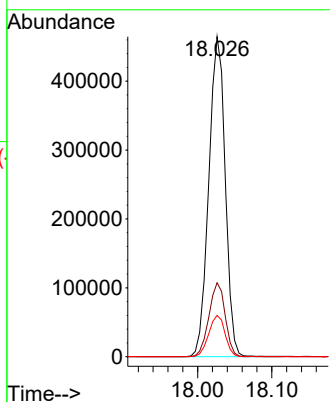
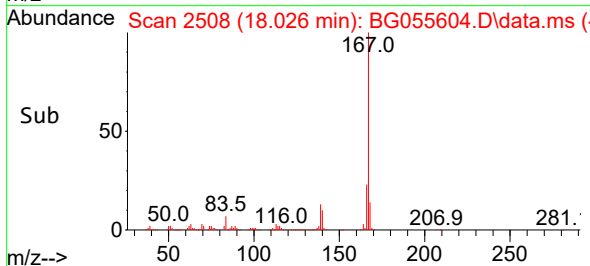


Tgt Ion:167 Resp: 71474
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.9 10.4 15.6

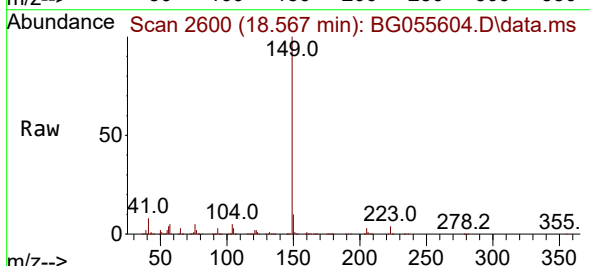
Manual Integrations

APPROVED

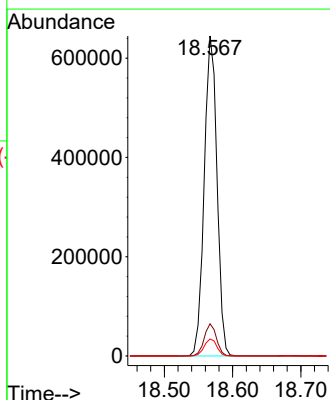
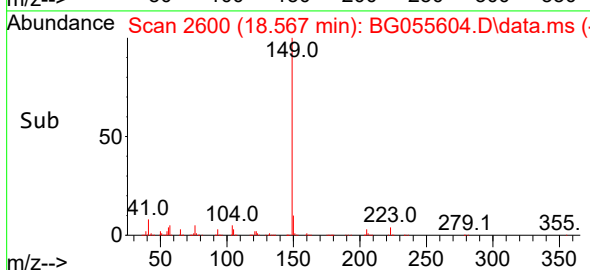
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

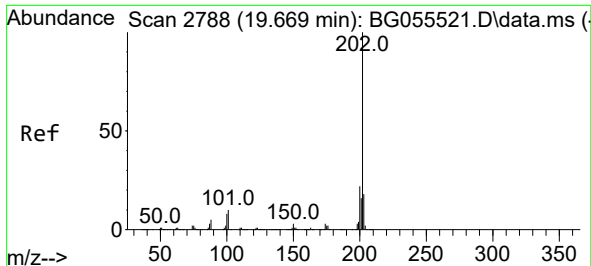


#74
 Di-n-butylphthalate
 Concen: 39.936 ng
 RT: 18.567 min Scan# 2600
 Delta R.T. -0.009 min
 Lab File: BG055604.D
 Acq: 14 Nov 2022 14:31



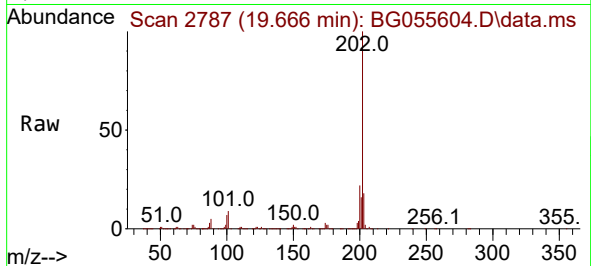
Tgt Ion:149 Resp: 839049
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 36.610 ng
RT: 19.666 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

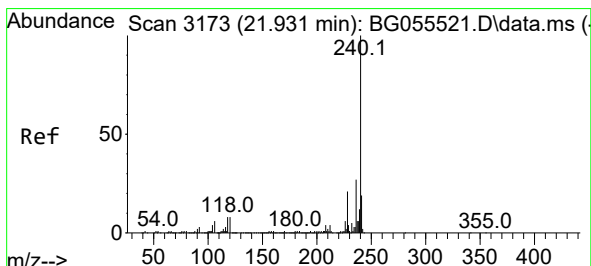
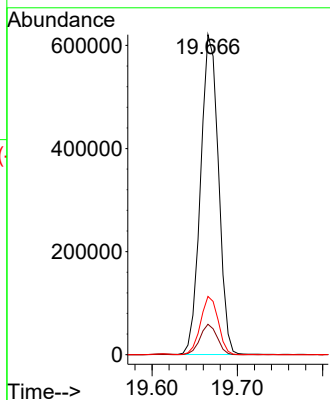
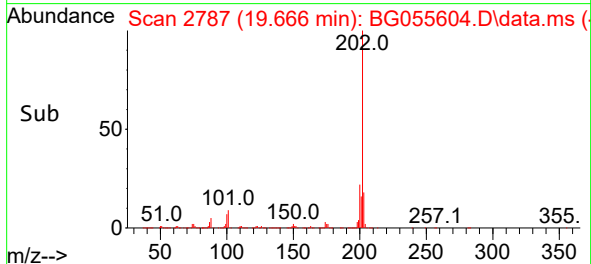
Instrument :
BNA_G
ClientSampleId :
PB148777BS



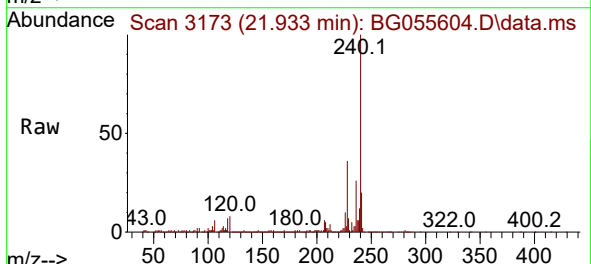
Tgt Ion:202 Resp: 903250
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.8
203 18.2 0.0 38.2

Manual Integrations
APPROVED

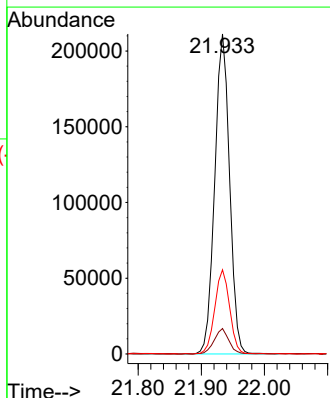
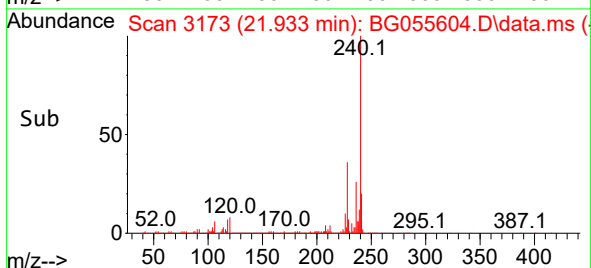
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

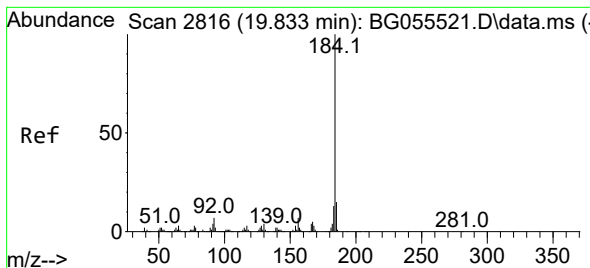


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:240 Resp: 344326
Ion Ratio Lower Upper
240 100
120 7.9 6.1 9.1
236 26.3 21.4 32.0





#77

Benzidine

Concen: 41.609 ng

RT: 19.836 min Scan# 2816

Delta R.T. 0.003 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

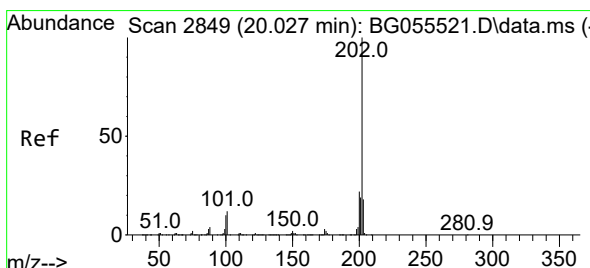
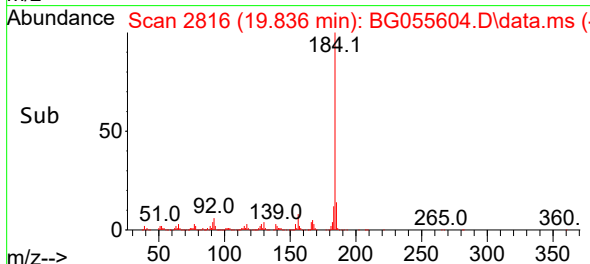
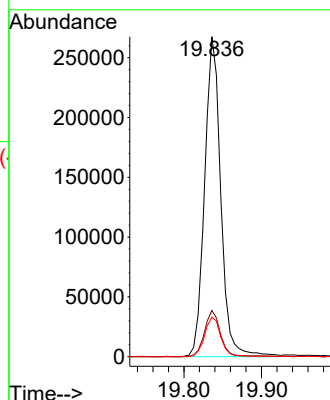
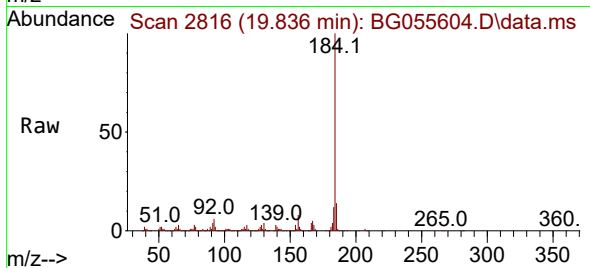
PB148777BS

Tgt Ion:184	Resp: 387604
Ion Ratio	Lower Upper
184 100	
185 14.4	12.0 18.0
183 12.3	10.2 15.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#78

Pyrene

Concen: 38.996 ng

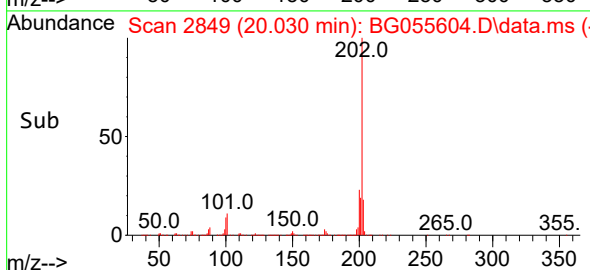
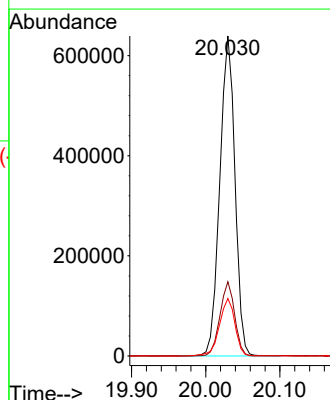
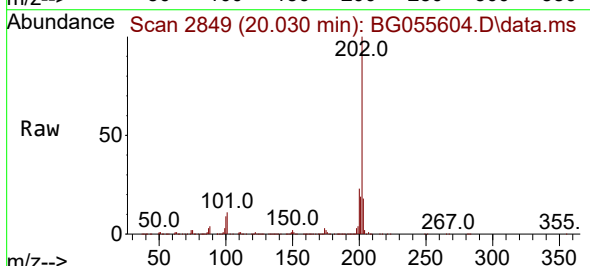
RT: 20.030 min Scan# 2849

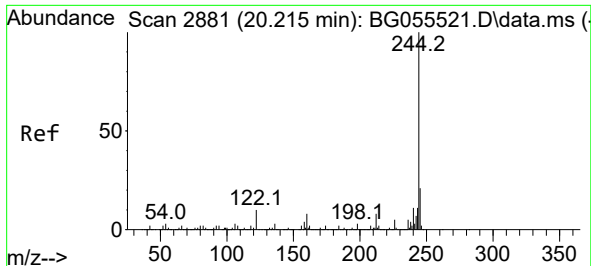
Delta R.T. 0.003 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

Tgt Ion:202	Resp: 908759
Ion Ratio	Lower Upper
202 100	
200 23.2	18.0 27.0
203 18.0	14.2 21.2





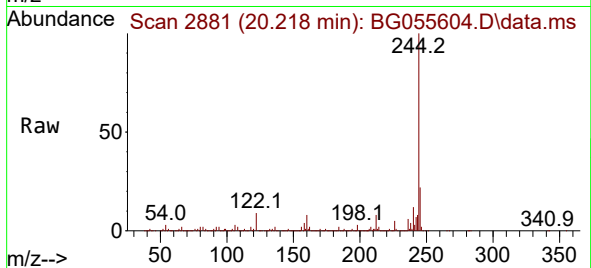
#79
 Terphenyl-d14
 Concen: 79.762 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055604.D
 Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

PB148777BS

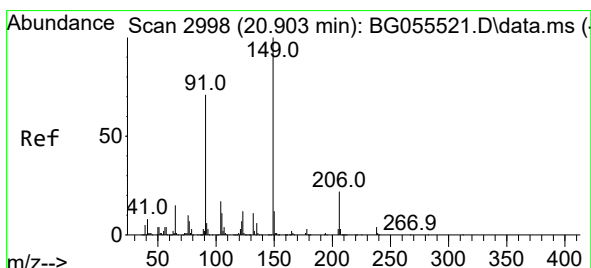
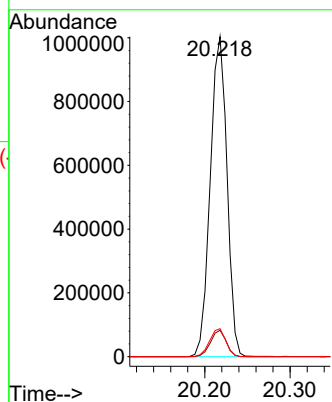
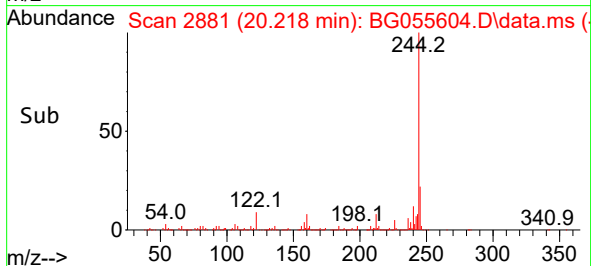


Tgt Ion:244 Resp: 1367354
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 8.7 7.7 11.5

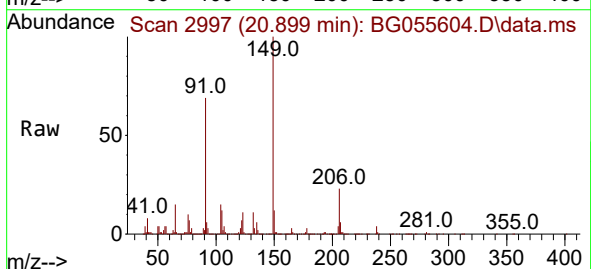
Manual Integrations

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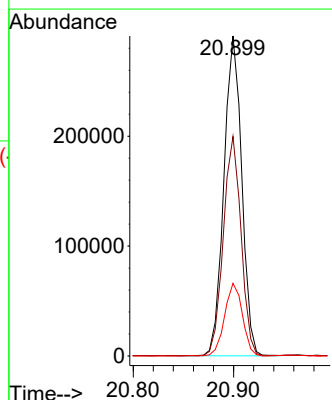
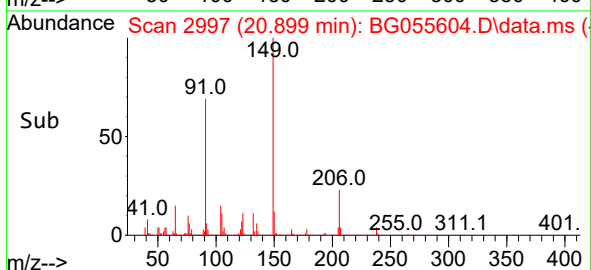
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

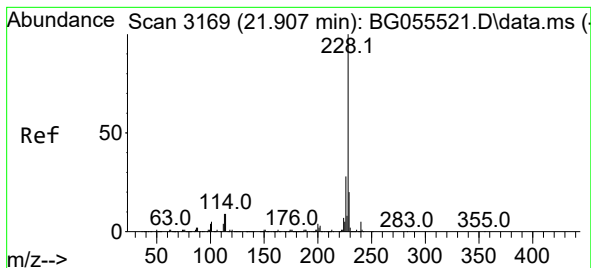


#80
 Butylbenzylphthalate
 Concen: 40.924 ng
 RT: 20.899 min Scan# 2997
 Delta R.T. -0.004 min
 Lab File: BG055604.D
 Acq: 14 Nov 2022 14:31



Tgt Ion:149 Resp: 358492
 Ion Ratio Lower Upper
 149 100
 91 68.6 56.8 85.2
 206 22.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 38.012 ng

RT: 21.910 min Scan# 3169

Delta R.T. 0.003 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

ClientSampleId :

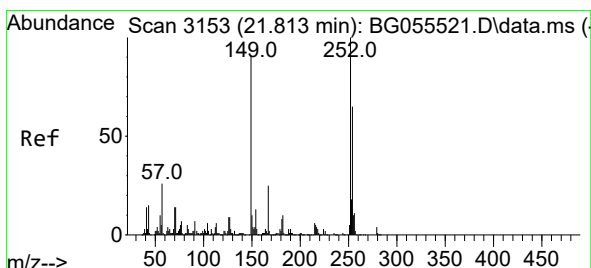
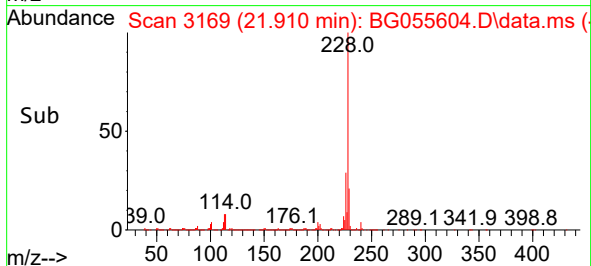
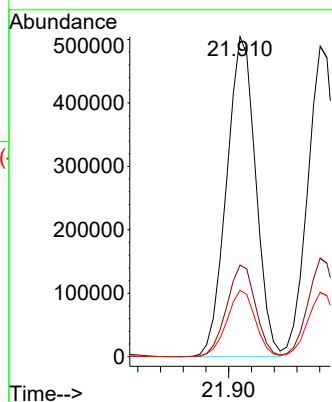
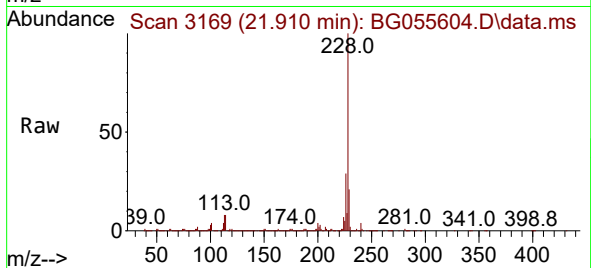
PB148777BS

Tgt Ion:228 Resp: 896511
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.6 34.0
 229 20.8 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022



#82

3,3'-Dichlorobenzidine

Concen: 42.745 ng

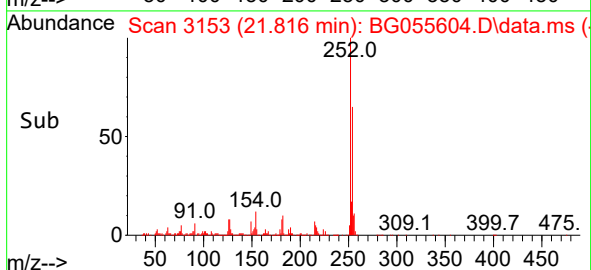
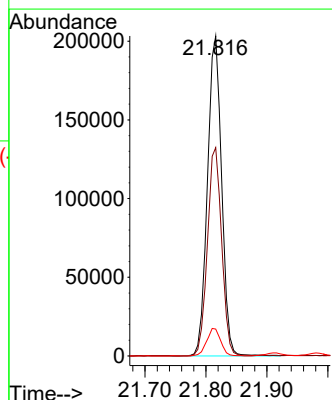
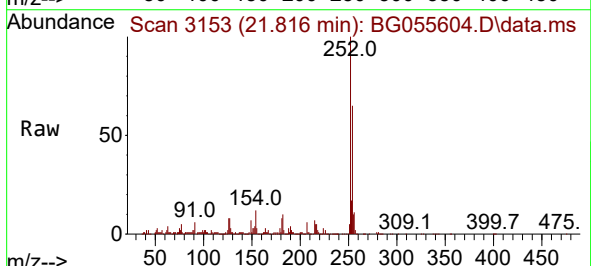
RT: 21.816 min Scan# 3153

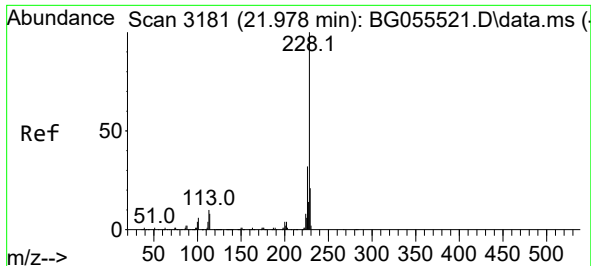
Delta R.T. 0.003 min

Lab File: BG055604.D

Acq: 14 Nov 2022 14:31

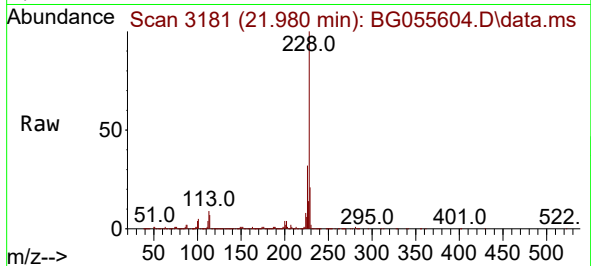
Tgt Ion:252 Resp: 329024
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.2 78.2
 126 8.4 6.9 10.3





#83
Chrysene
Concen: 37.789 ng
RT: 21.980 min Scan# 3181
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

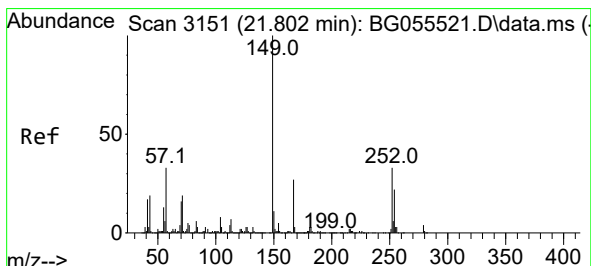
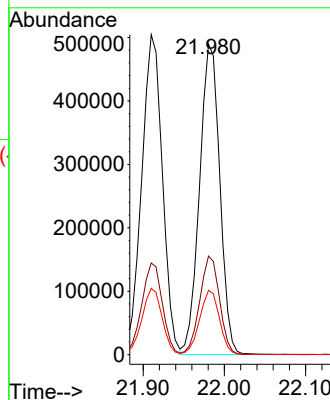
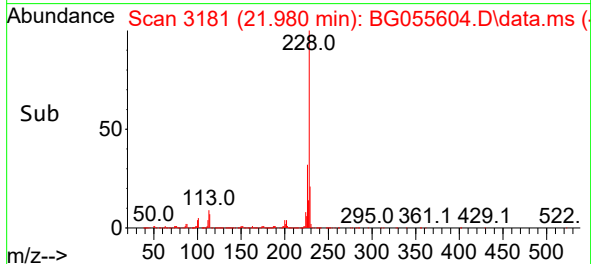
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion:228 Resp: 847500
Ion Ratio Lower Upper
228 100
226 31.7 25.7 38.5
229 20.7 16.6 25.0

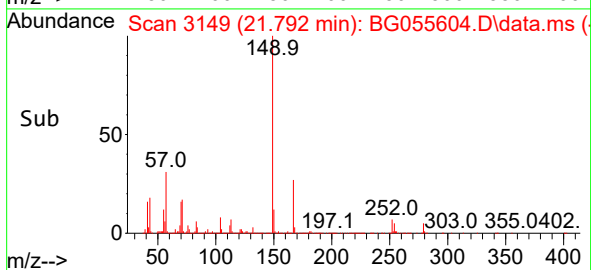
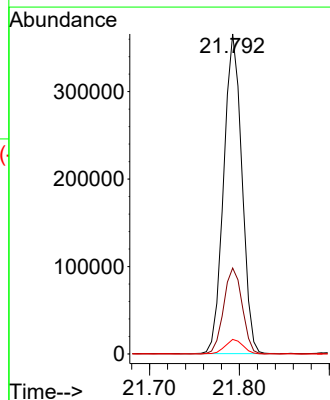
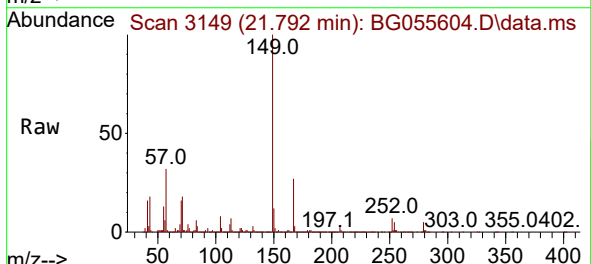
Manual Integrations
APPROVED

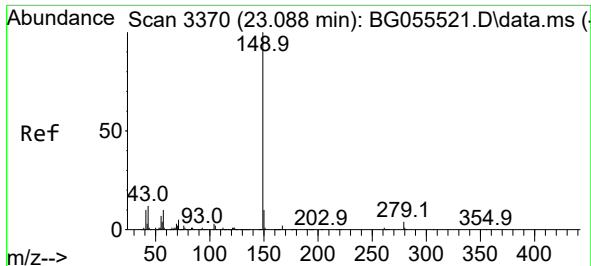
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.709 ng
RT: 21.792 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

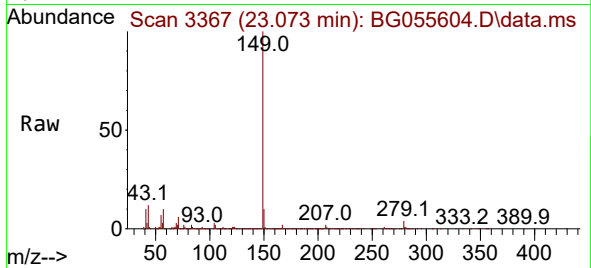
Tgt Ion:149 Resp: 514056
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.2
279 4.6 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 42.721 ng
RT: 23.073 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

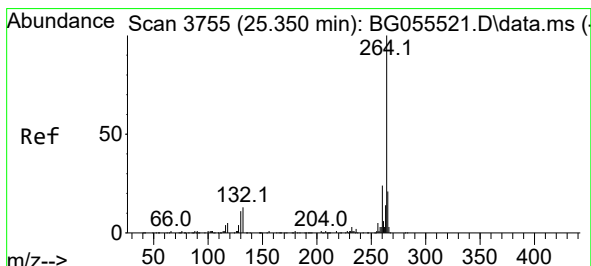
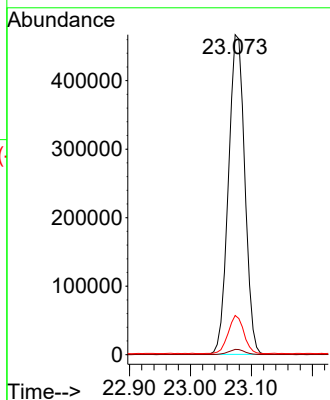
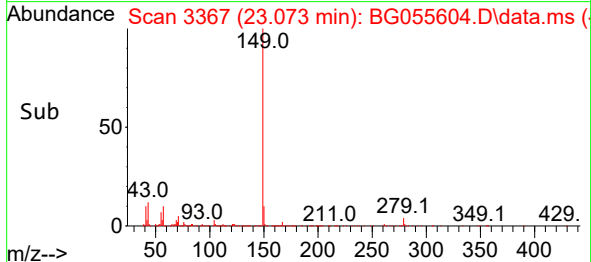
Instrument :
BNA_G
ClientSampleId :
PB148777BS



Tgt Ion:149 Resp: 86827
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 9.3 13.9

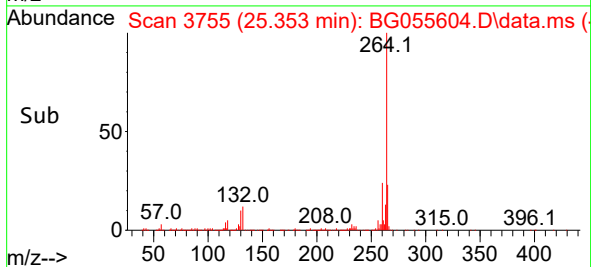
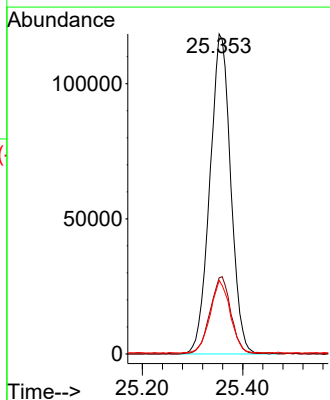
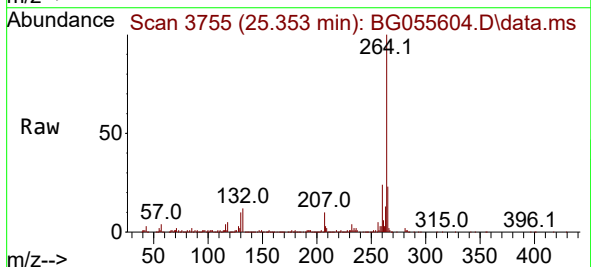
Manual Integrations
APPROVED

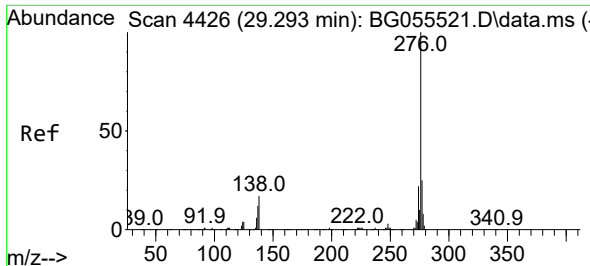
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.353 min Scan# 3755
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

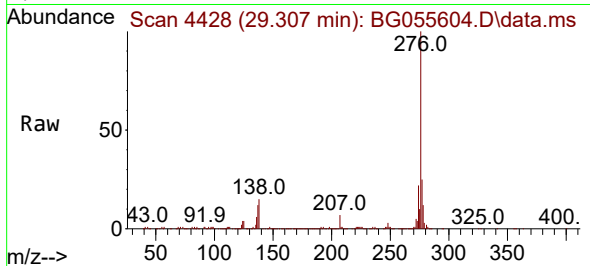
Tgt Ion:264 Resp: 342684
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 22.9 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.686 ng
RT: 29.307 min Scan# 4426
Delta R.T. 0.014 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

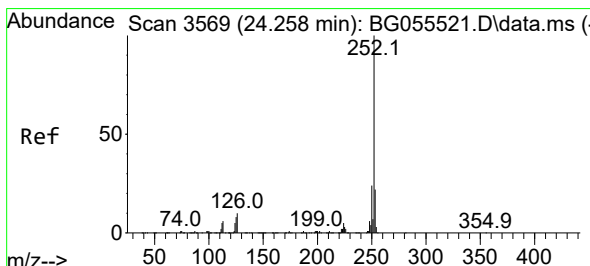
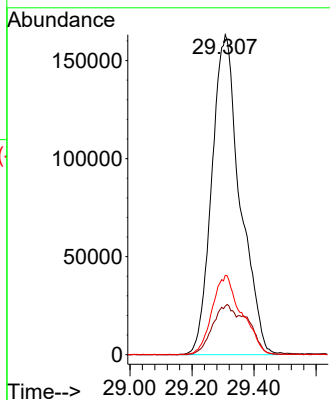
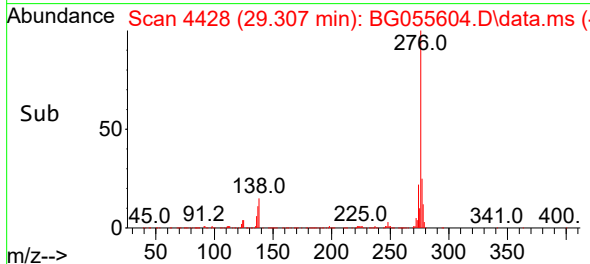
Instrument :
BNA_G
ClientSampleId :
PB148777BS



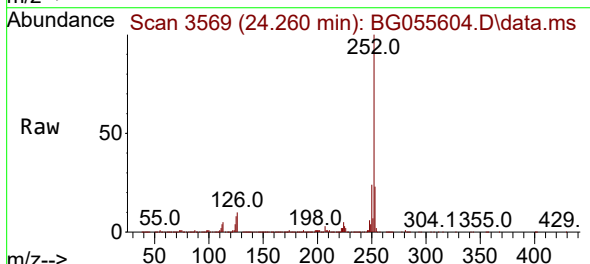
Tgt Ion:276 Resp: 103580
Ion Ratio Lower Upper
276 100
138 13.5 11.5 17.3
277 26.0 20.4 30.6

Manual Integrations
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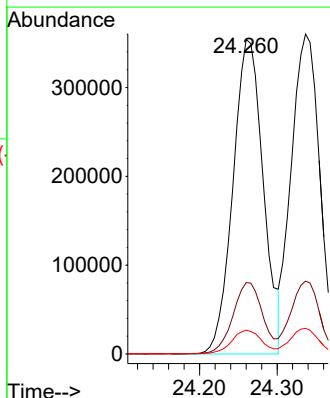
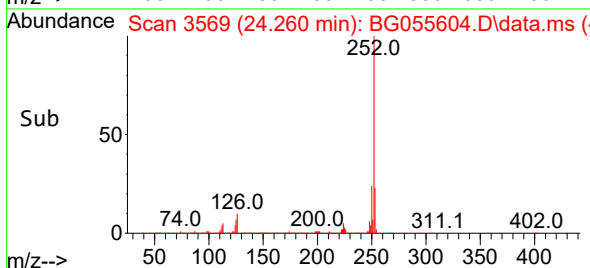
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

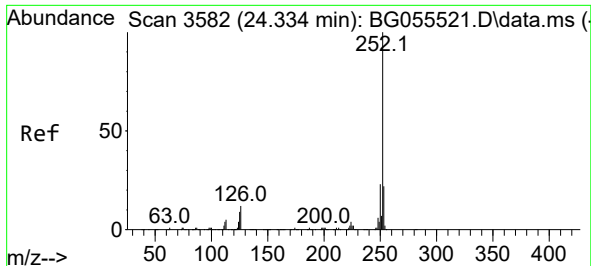


#88
Benzo(b)fluoranthene
Concen: 44.254 ng
RT: 24.260 min Scan# 3569
Delta R.T. 0.002 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:252 Resp: 960877
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 7.6 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 41.044 ng
RT: 24.337 min Scan# 3582
Delta R.T. 0.003 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

Instrument :

BNA_G

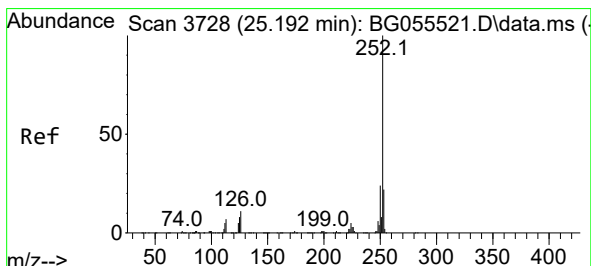
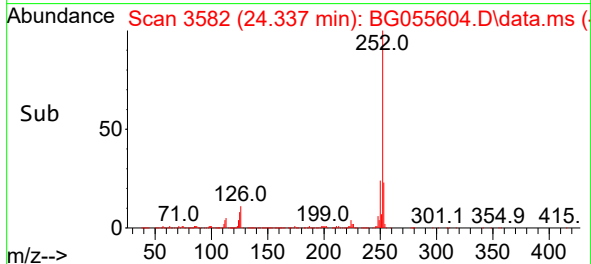
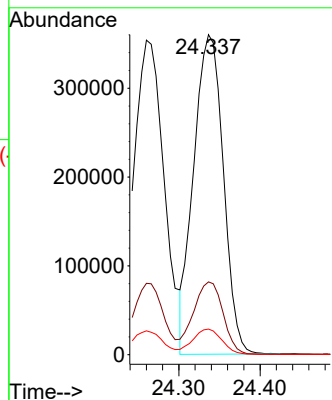
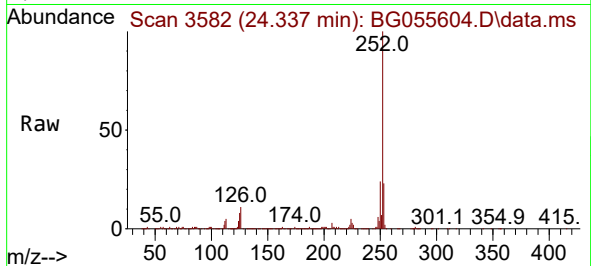
ClientSampleId :

PB148777BS

Tgt Ion:252 Resp: 911090
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.0 6.9 10.3

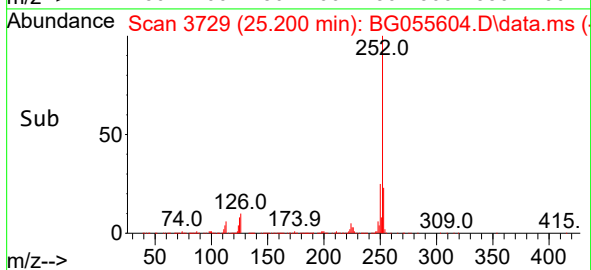
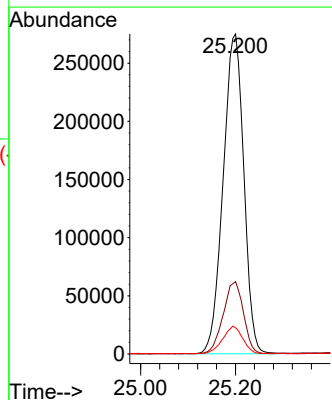
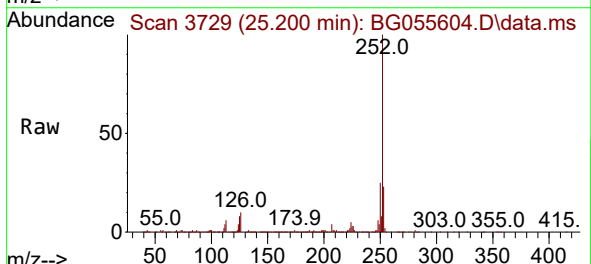
Manual Integrations
APPROVED

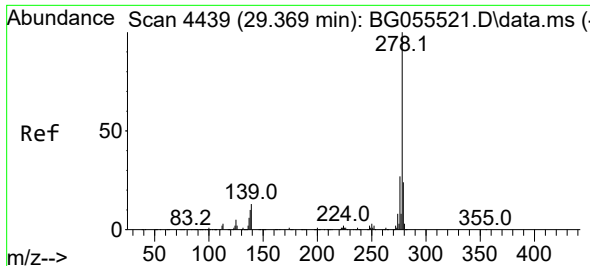
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#90
Benzo(a)pyrene
Concen: 44.398 ng
RT: 25.200 min Scan# 3729
Delta R.T. 0.008 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

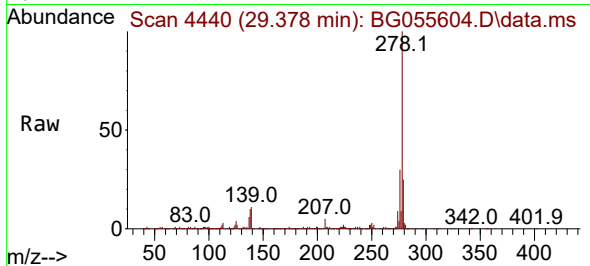
Tgt Ion:252 Resp: 830391
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 8.2 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 42.302 ng
RT: 29.378 min Scan# 4439
Delta R.T. 0.009 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31

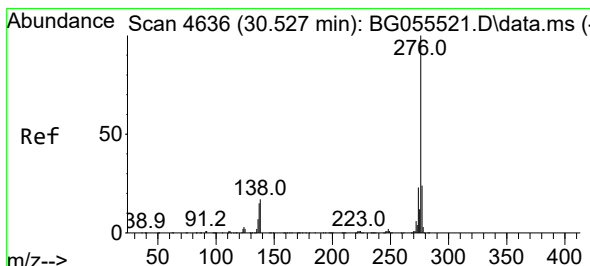
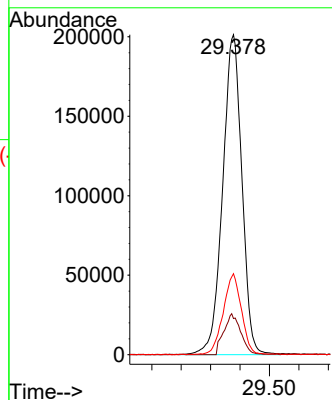
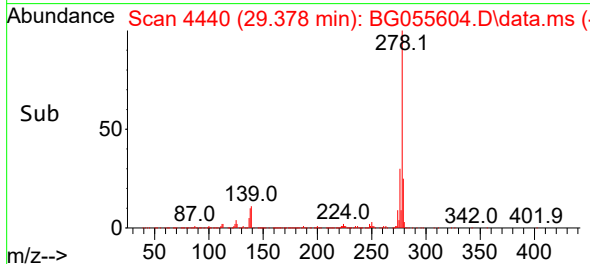
Instrument :
BNA_G
ClientSampleId :
PB148777BS



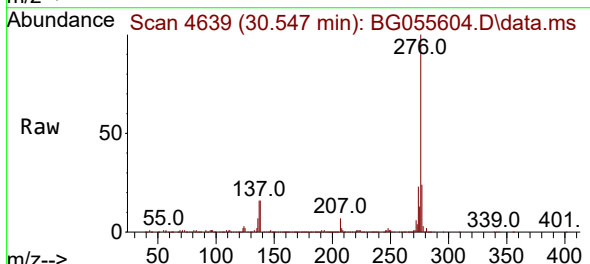
Tgt Ion:278 Resp: 91394
Ion Ratio Lower Upper
278 100
139 11.3 10.6 15.8
279 25.3 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#92
Benzo(g,h,i)perylene
Concen: 42.797 ng
RT: 30.547 min Scan# 4639
Delta R.T. 0.020 min
Lab File: BG055604.D
Acq: 14 Nov 2022 14:31



Tgt Ion:276 Resp: 903877
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 16.3 13.9 20.9

