

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055611.D
 Acq On : 14 Nov 2022 19:26
 Operator : CG/JU
 Sample : N5561-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SB-25MSD

Manual Integrations

APPROVED

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

Quant Time: Nov 15 01:04:38 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	8.264	152	52977	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	229096	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	156341	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	339666	20.000	ng	0.00
76) Chrysene-d12	21.937	240	309727	20.000	ng	0.00
86) Perylene-d12	25.362	264	327253	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	411694	148.020	ng	0.00
7) Phenol-d6	7.406	99	529029	137.698	ng	0.00
23) Nitrobenzene-d5	9.439	82	333409	98.659	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	260406	170.710	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	793040	76.513	ng	0.00
79) Terphenyl-d14	20.215	244	1194877	77.487	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.629	88	53584	37.929	ng	93
3) Pyridine	4.040	79	149044	37.944	ng	99
4) n-Nitrosodimethylamine	3.952	42	93989	43.961	ng	99
6) Aniline	7.577	93	126393	24.768	ng	98
8) 2-Chlorophenol	7.824	128	178194	57.227	ng	98
9) Benzaldehyde	7.389	77	110957	36.605	ng	97
10) Phenol	7.436	94	228980	51.772	ng	98
11) bis(2-Chloroethyl)ether	7.671	93	165882	46.584	ng	97
12) 1,3-Dichlorobenzene	8.153	146	197027	50.654	ng	99
13) 1,4-Dichlorobenzene	8.300	146	195936	49.774	ng	97
14) 1,2-Dichlorobenzene	8.623	146	193678	51.809	ng	98
15) Benzyl Alcohol	8.499	79	164852m	49.204	ng	
16) 2,2'-oxybis(1-Chloropr...	8.793	45	312243	45.634	ng	98
17) 2-Methylphenol	8.699	107	159100	51.118	ng	96
18) Hexachloroethane	9.363	117	71549	54.749	ng	97
19) n-Nitroso-di-n-propyla...	9.069	70	137375	43.266	ng	95
20) 3+4-Methylphenols	9.028	107	216088	49.836	ng	96
22) Acetophenone	9.093	105	267322	43.864	ng	99
24) Nitrobenzene	9.481	77	205882	52.955	ng	99
25) Isophorone	10.003	82	384495	44.534	ng	100
26) 2-Nitrophenol	10.197	139	100771	76.648	ng	# 89
27) 2,4-Dimethylphenol	10.244	122	180439m	58.454	ng	
28) bis(2-Chloroethoxy)met...	10.479	93	221751	47.637	ng	99
29) 2,4-Dichlorophenol	10.732	162	185695	54.740	ng	98
30) 1,2,4-Trichlorobenzene	10.955	180	203915	47.987	ng	98
31) Naphthalene	11.149	128	556192	44.904	ng	99
32) Benzoic acid	10.385	122	129232	61.390	ng	92
33) 4-Chloroaniline	11.243	127	113588	21.939	ng	97
34) Hexachlorobutadiene	11.425	225	139753	49.312	ng	99
35) Caprolactam	12.030	113	56059m	48.475	ng	
36) 4-Chloro-3-methylphenol	12.348	107	197164	49.307	ng	100
37) 2-Methylnaphthalene	12.736	142	415427	44.640	ng	98
38) 1-Methylnaphthalene	12.953	142	388388	42.666	ng	99
40) 1,2,4,5-Tetrachloroben...	13.094	216	245178	52.500	ng	99
41) Hexachlorocyclopentadiene	13.070	237	132919	66.483	ng	98
43) 2,4,6-Trichlorophenol	13.329	196	162950	59.342	ng	97

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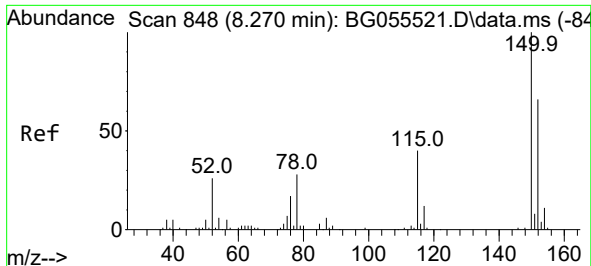
Quant Time: Nov 15 01:04:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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 Supervised By : Jagrut Upadhyay 11/15/2022

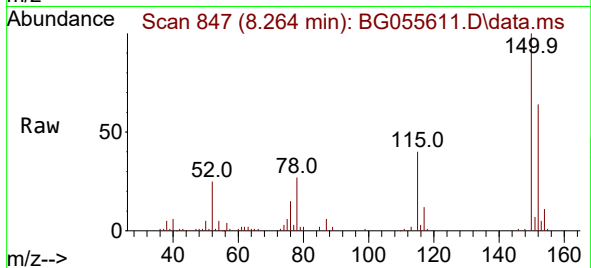
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.399	196	174833	55.616	ng	98
46) 1,1'-Biphenyl	13.723	154	546625	47.791	ng	98
47) 2-Chloronaphthalene	13.775	162	416260	47.119	ng	99
48) 2-Nitroaniline	13.964	65	134744	58.328	ng	98
49) Acenaphthylene	14.616	152	662757	45.340	ng	99
50) Dimethylphthalate	14.334	163	529519	44.573	ng	100
51) 2,6-Dinitrotoluene	14.451	165	113497	53.932	ng	99
52) Acenaphthene	14.951	154	438904	48.096	ng	99
53) 3-Nitroaniline	14.780	138	89131	36.436	ng	# 96
54) 2,4-Dinitrophenol	14.986	184	73579	99.613	ng	# 75
55) Dibenzofuran	15.285	168	646911	44.341	ng	100
56) 4-Nitrophenol	15.080	139	193138	109.793	ng	98
57) 2,4-Dinitrotoluene	15.238	165	156097	55.940	ng	95
58) Fluorene	15.932	166	502972	43.334	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	155627	53.412	ng	99
60) Diethylphthalate	15.685	149	520855	43.098	ng	99
61) 4-Chlorophenyl-phenyle...	15.914	204	281608	45.614	ng	99
62) 4-Nitroaniline	15.944	138	106845	45.364	ng	99
63) Azobenzene	16.208	77	475215	40.567	ng	97
65) 4,6-Dinitro-2-methylph...	15.996	198	54465	49.304	ng	100
66) n-Nitrosodiphenylamine	16.126	169	451529	47.452	ng	99
67) 4-Bromophenyl-phenylether	16.807	248	182809	52.757	ng	98
68) Hexachlorobenzene	16.936	284	199290	48.376	ng	95
69) Atrazine	17.066	200	182857	53.100	ng	98
70) Pentachlorophenol	17.271	266	249603	110.594	ng	98
71) Phenanthrene	17.671	178	803182	43.998	ng	99
72) Anthracene	17.765	178	824420	46.083	ng	100
73) Carbazole	18.029	167	724427	44.806	ng	99
74) Di-n-butylphthalate	18.570	149	854394	46.090	ng	99
75) Fluoranthene	19.669	202	912028	41.896	ng	99
77) Benzidine	19.839	184	280920	33.525	ng	99
78) Pyrene	20.033	202	943558	45.013	ng	99
80) Butylbenzylphthalate	20.902	149	371554	46.641	ng	95
81) Benzo(a)anthracene	21.913	228	945757	44.579	ng	98
82) 3,3'-Dichlorobenzidine	21.813	252	269916	38.984	ng	98
83) Chrysene	21.984	228	886743	43.956	ng	100
84) Bis(2-ethylhexyl)phtha...	21.790	149	538023	50.857	ng	99
85) Di-n-octyl phthalate	23.076	149	916008	50.104	ng	99
87) Indeno(1,2,3-cd)pyrene	29.310	276	916821	36.783	ng	# 93
88) Benzo(b)fluoranthene	24.269	252	968120	46.690	ng	99
89) Benzo(k)fluoranthene	24.340	252	986739	46.548	ng	98
90) Benzo(a)pyrene	25.197	252	881393	49.347	ng	99
91) Dibenzo(a,h)anthracene	29.381	278	804187	38.977	ng	98
92) Benzo(g,h,i)perylene	30.544	276	672009	33.319	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

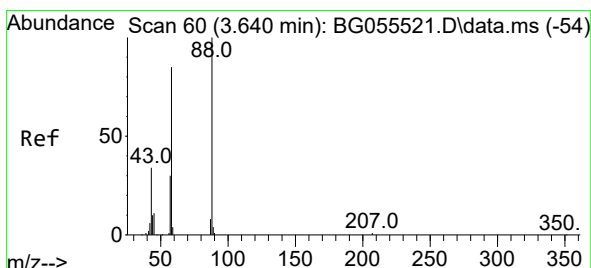
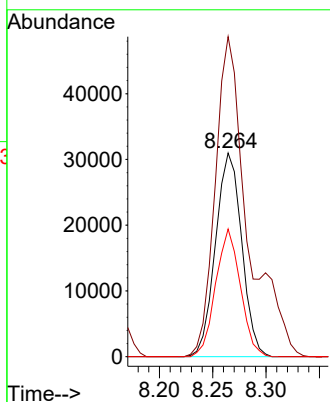
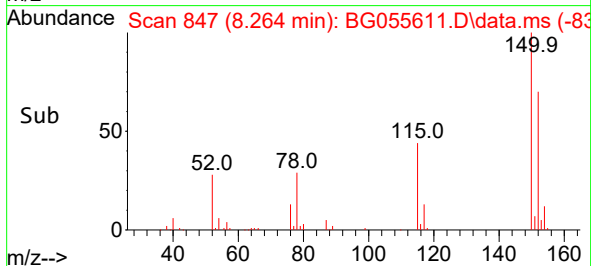
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:152 Resp: 5297
Ion Ratio Lower Upper
152 100
150 157.1 121.0 181.4
115 62.7 47.8 71.8

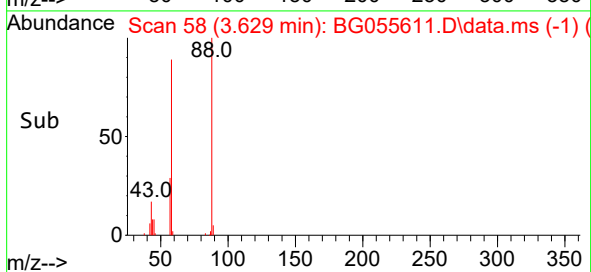
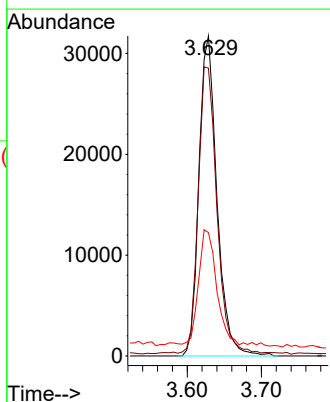
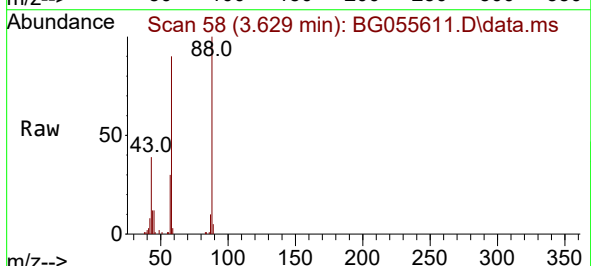
Manual Integrations
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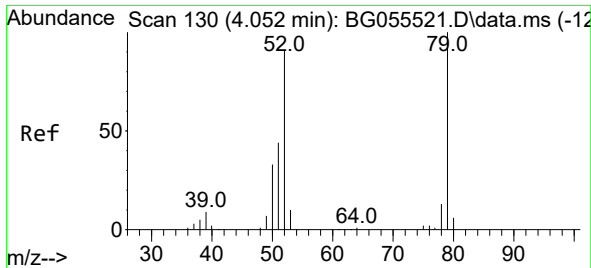
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#2
1,4-Dioxane
Concen: 37.929 ng
RT: 3.629 min Scan# 58
Delta R.T. -0.011 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

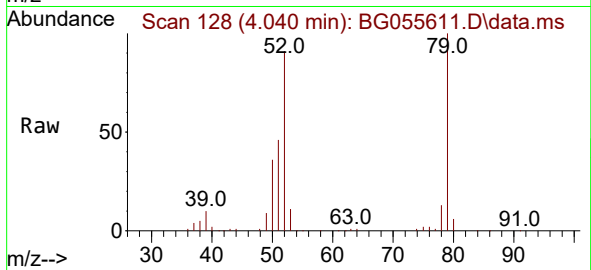
Tgt Ion: 88 Resp: 53584
Ion Ratio Lower Upper
88 100
58 93.7 68.9 103.3
43 35.5 27.1 40.7





#3
Pyridine
Concen: 37.944 ng
RT: 4.040 min Scan# 110
Delta R.T. -0.012 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

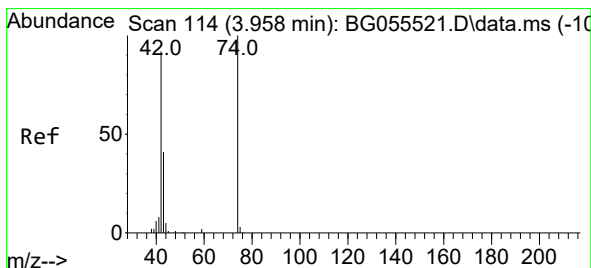
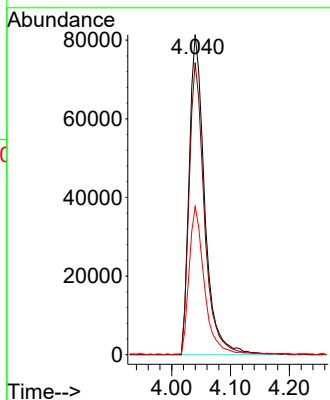
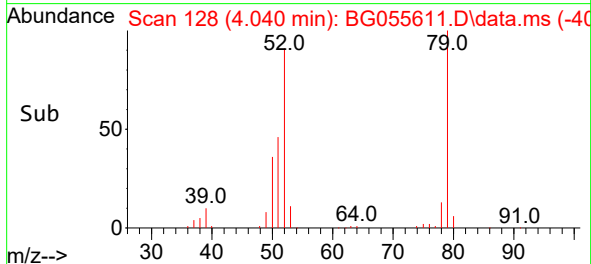
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



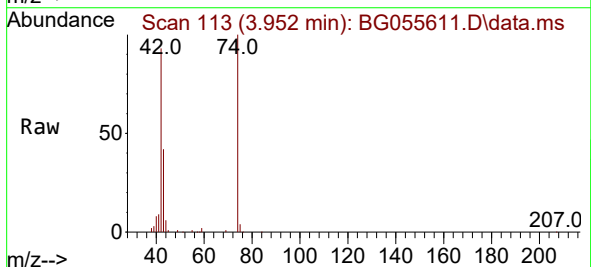
Tgt Ion: 79 Resp: 149044
Ion Ratio Lower Upper
79 100
52 91.3 72.7 109.1
51 46.3 36.0 54.0

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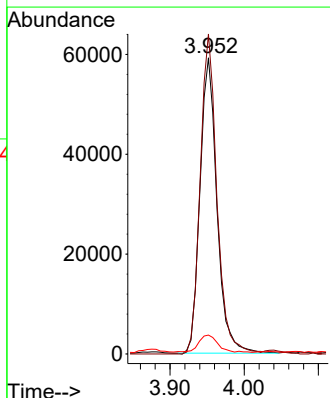
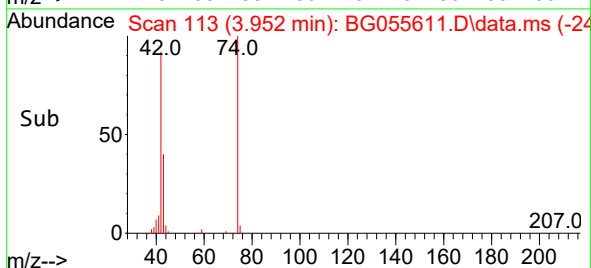
Reviewed By :Christian Giraldo 11/15/2022
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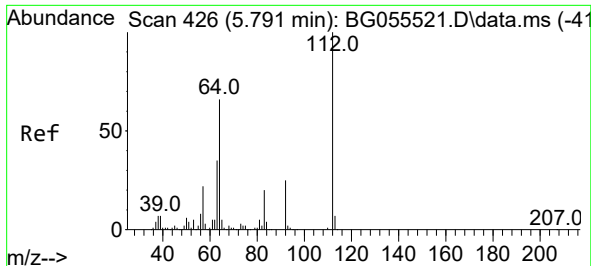


#4
n-Nitrosodimethylamine
Concen: 43.961 ng
RT: 3.952 min Scan# 113
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



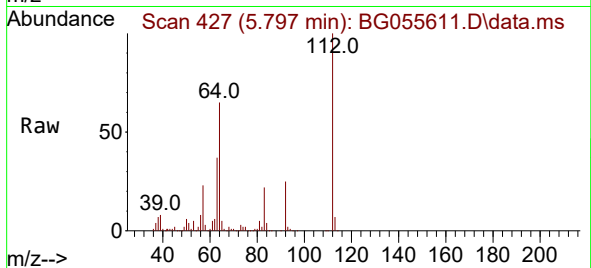
Tgt Ion: 42 Resp: 93989
Ion Ratio Lower Upper
42 100
74 108.1 87.1 130.7
44 6.4 5.6 8.4





#5
2-Fluorophenol
Concen: 148.020 ng
RT: 5.797 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

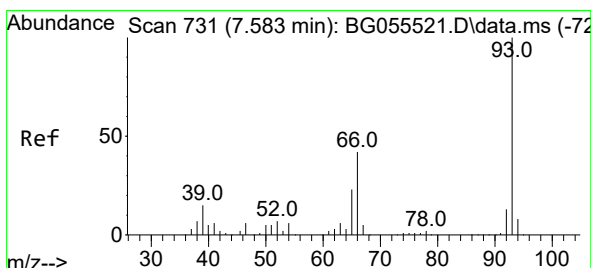
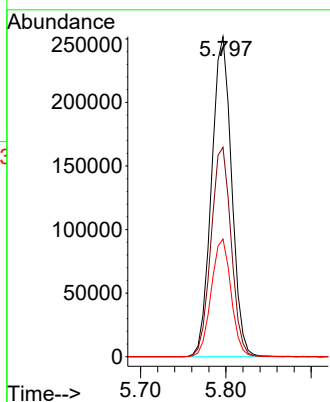
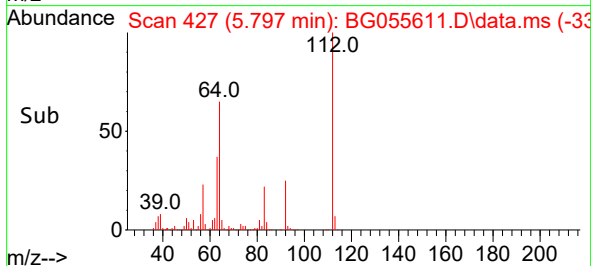
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:112 Resp: 411694
Ion Ratio Lower Upper
112 100
64 65.4 52.6 78.8
63 36.7 28.3 42.5

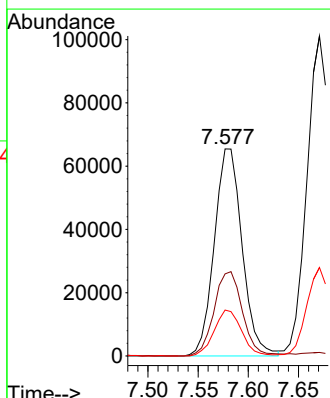
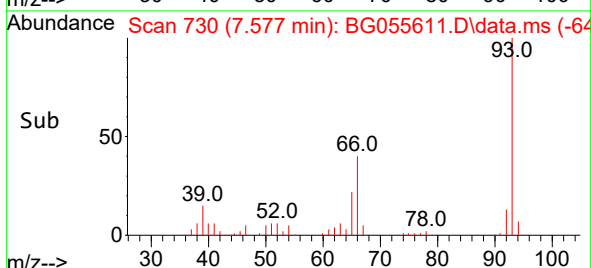
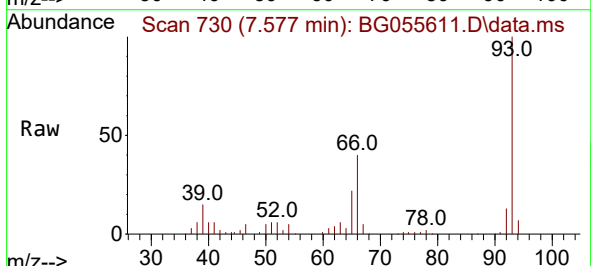
Manual Integrations
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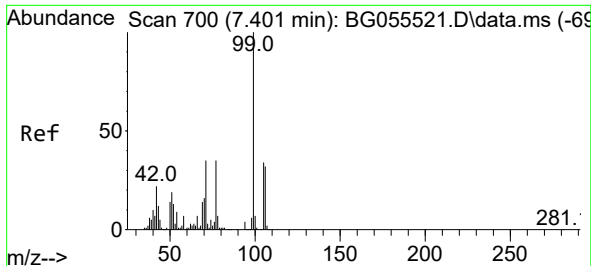
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#6
Aniline
Concen: 24.768 ng
RT: 7.577 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion: 93 Resp: 126393
Ion Ratio Lower Upper
93 100
66 39.7 33.2 49.8
65 22.2 18.1 27.1





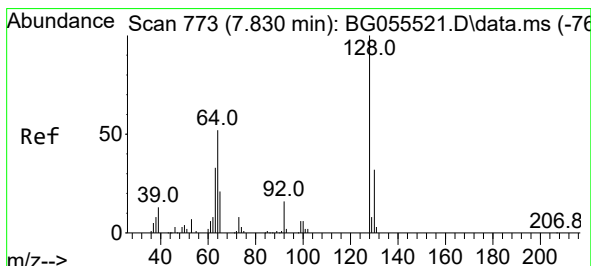
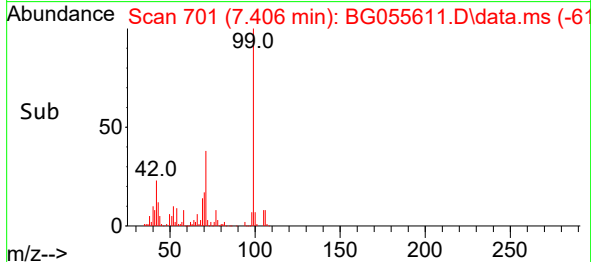
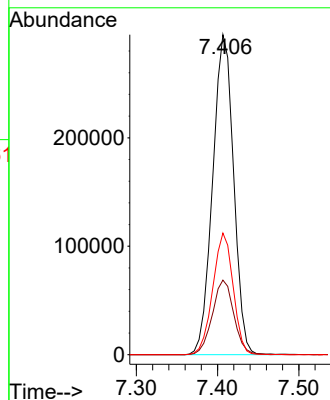
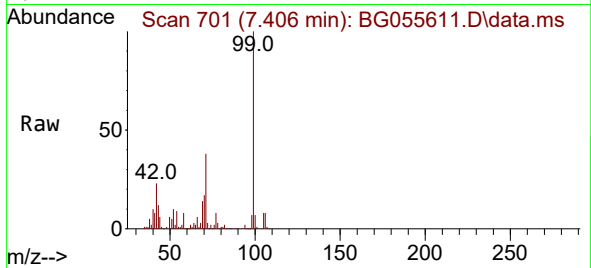
#7
Phenol-d6
Concen: 137.698 ng
RT: 7.406 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Tgt Ion: 99 Resp: 529029
Ion Ratio Lower Upper
99 100
42 23.3 17.5 26.3
71 38.0 28.3 42.5

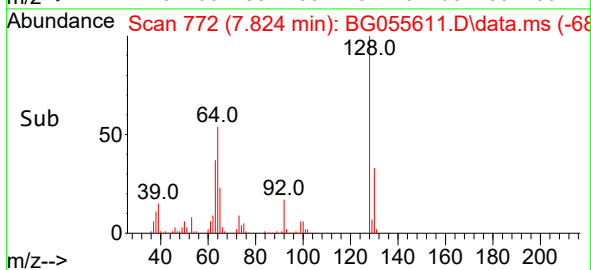
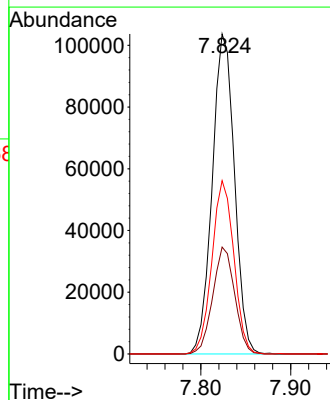
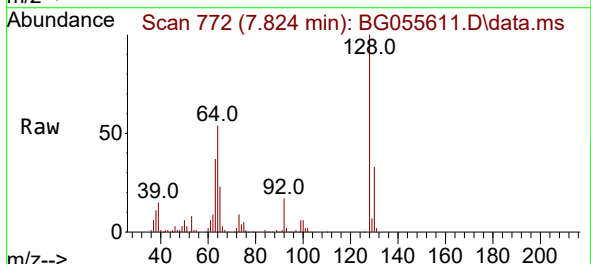
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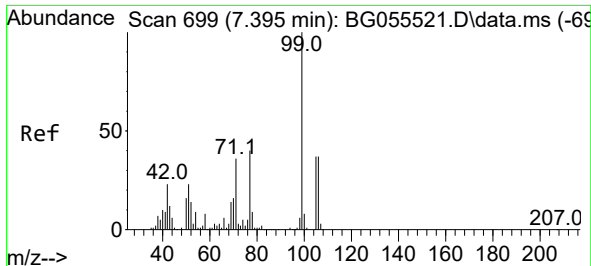
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#8
2-Chlorophenol
Concen: 57.227 ng
RT: 7.824 min Scan# 772
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

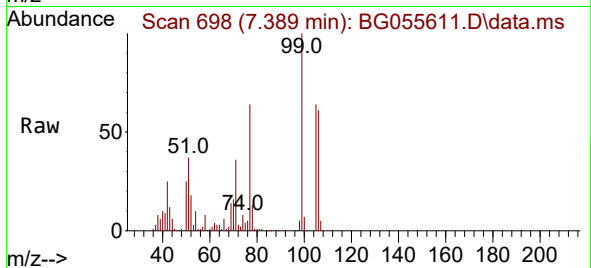
Tgt Ion:128 Resp: 178194
Ion Ratio Lower Upper
128 100
130 33.4 12.2 52.2
64 54.1 35.5 75.5





#9
Benzaldehyde
Concen: 36.605 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

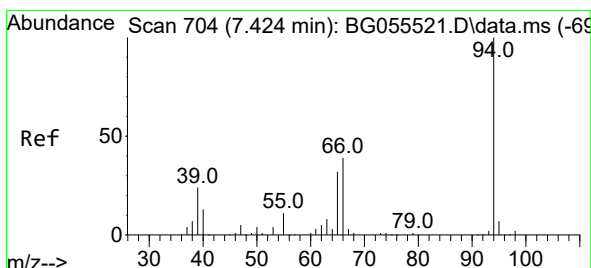
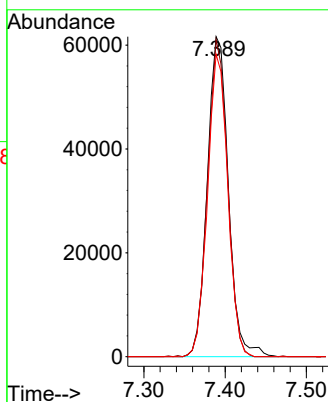
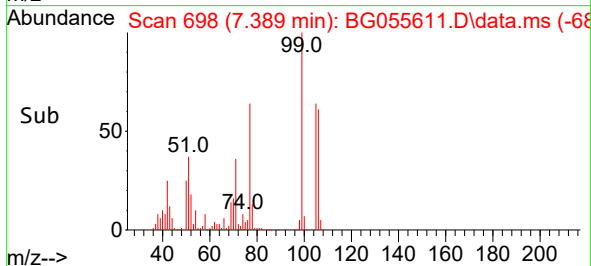
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



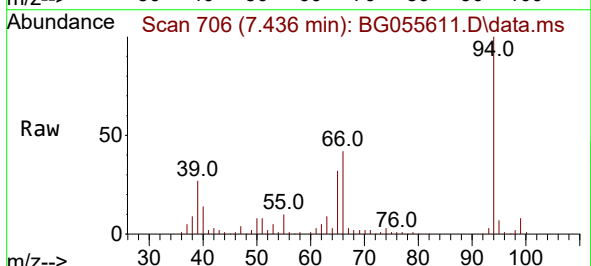
Tgt Ion: 77 Resp: 11095
Ion Ratio Lower Upper
77 100
105 99.0 73.9 113.9
106 94.5 73.1 113.1

Manual Integrations
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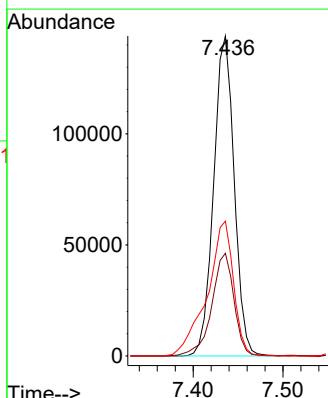
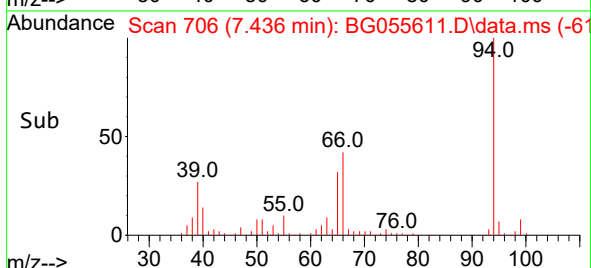
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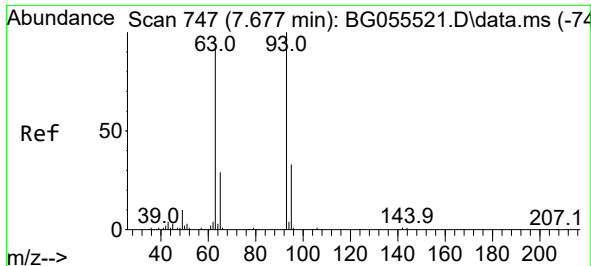


#10
Phenol
Concen: 51.772 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.012 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



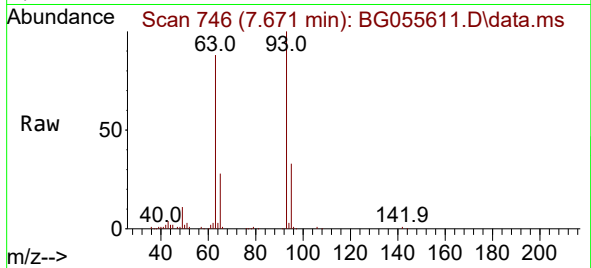
Tgt Ion: 94 Resp: 228980
Ion Ratio Lower Upper
94 100
65 32.1 11.9 51.9
66 42.1 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 46.584 ng
RT: 7.671 min Scan# 747
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

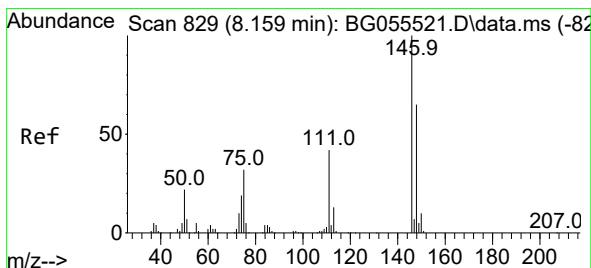
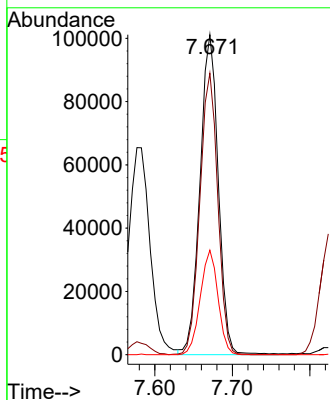
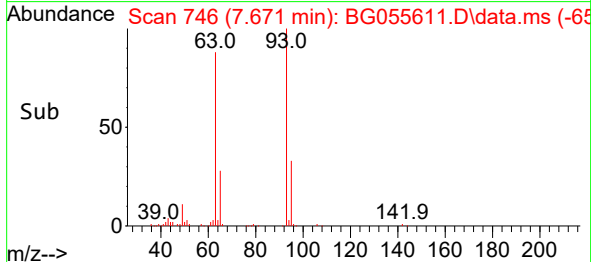
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion: 93 Resp: 16588
Ion Ratio Lower Upper
93 100
63 87.9 71.2 111.2
95 32.7 12.4 52.4

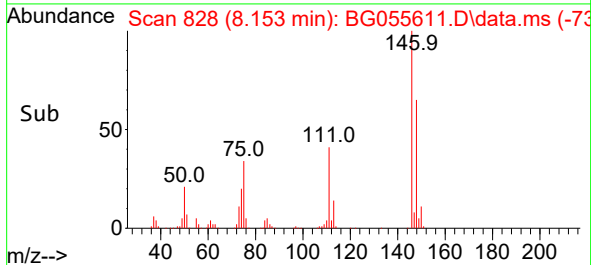
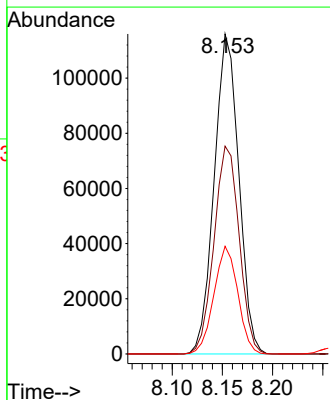
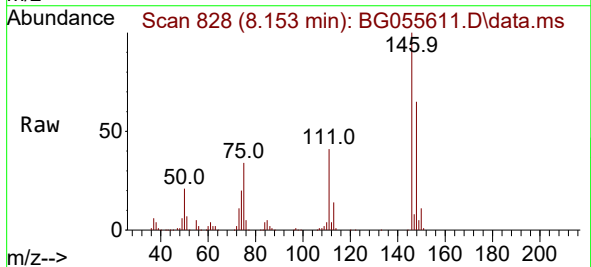
Manual Integrations
APPROVED

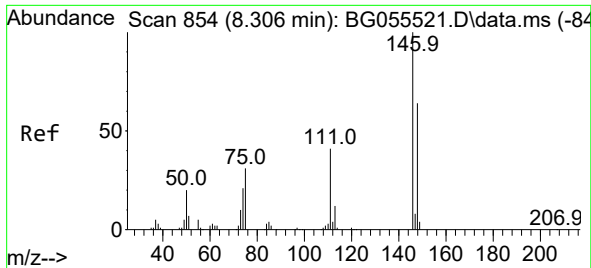
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#12
1,3-Dichlorobenzene
Concen: 50.654 ng
RT: 8.153 min Scan# 828
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:146 Resp: 197027
Ion Ratio Lower Upper
146 100
148 65.0 52.2 78.4
75 33.7 25.8 38.8





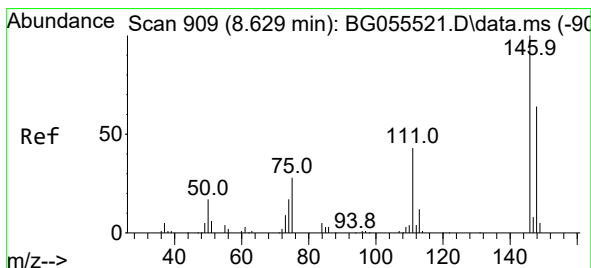
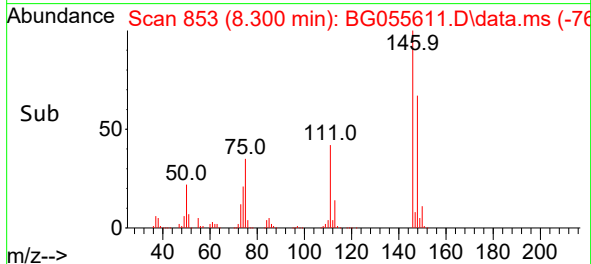
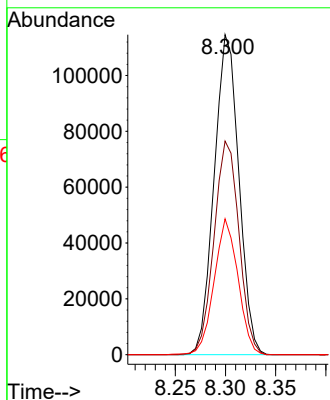
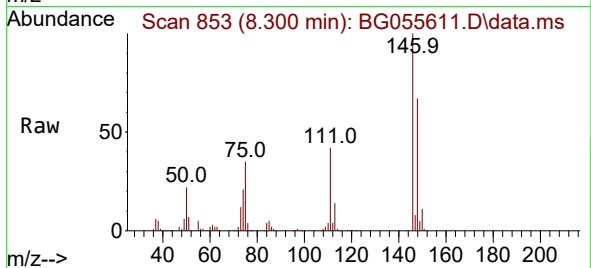
#13
1,4-Dichlorobenzene
Concen: 49.774 ng
RT: 8.300 min Scan# 811
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Tgt Ion:146 Resp: 195930
Ion Ratio Lower Upper
146 100
148 66.8 51.0 76.6
111 42.4 33.0 49.6

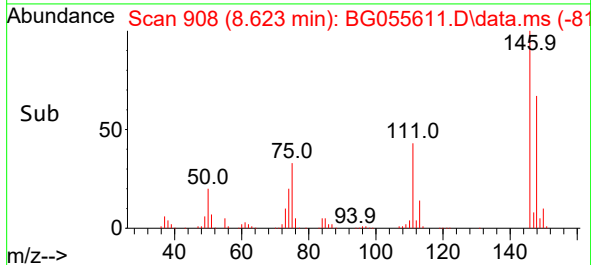
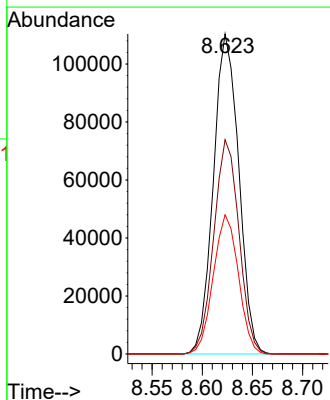
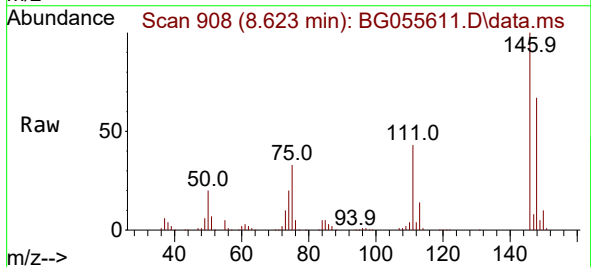
Manual Integrations
APPROVED

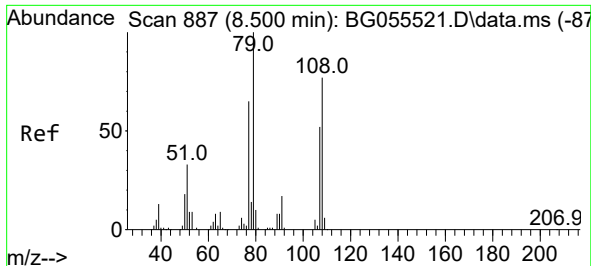
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#14
1,2-Dichlorobenzene
Concen: 51.809 ng
RT: 8.623 min Scan# 908
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

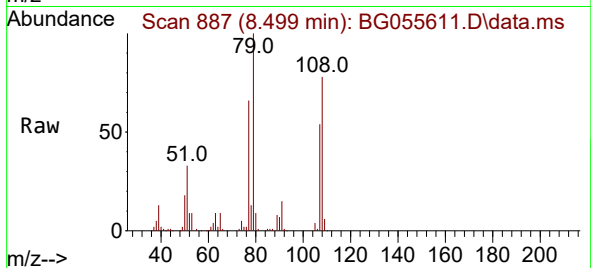
Tgt Ion:146 Resp: 193678
Ion Ratio Lower Upper
146 100
148 67.0 51.8 77.6
111 43.5 34.6 52.0





#15
Benzyl Alcohol
Concen: 49.204 ng m
RT: 8.499 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

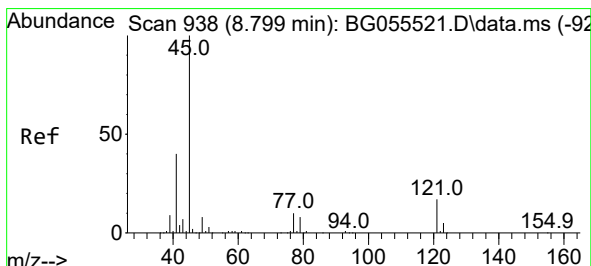
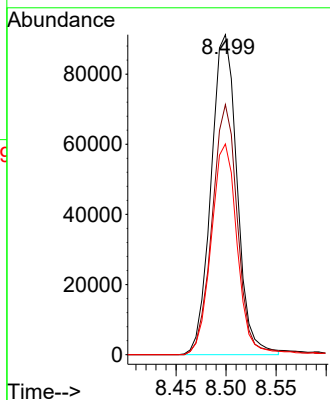
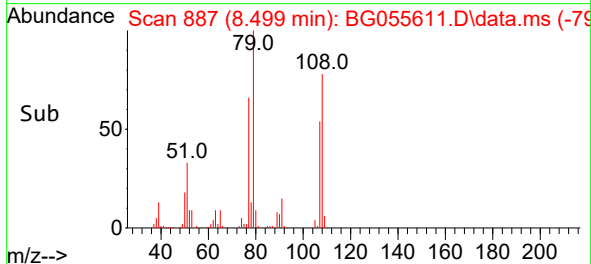
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion: 79 Resp: 164852
Ion Ratio Lower Upper
79 100
108 78.2 61.8 92.6
77 65.8 52.4 78.6

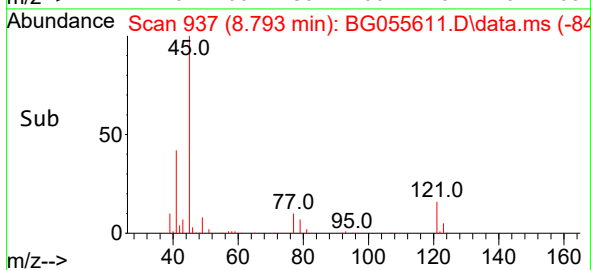
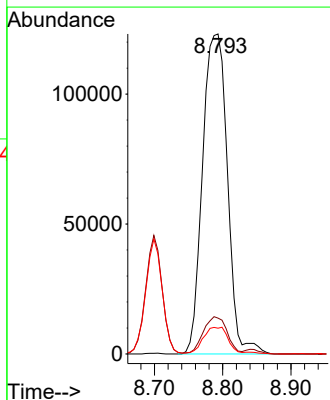
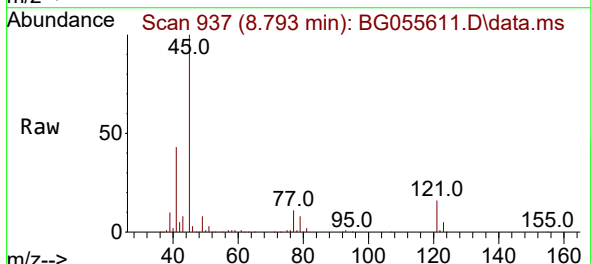
Manual Integrations
APPROVED

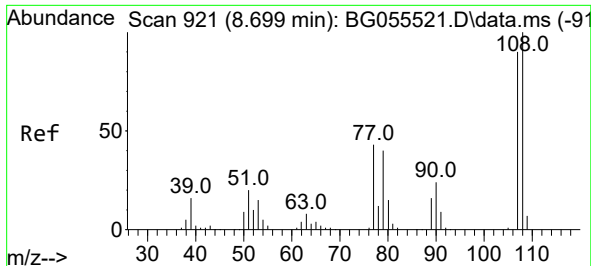
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.634 ng
RT: 8.793 min Scan# 937
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion: 45 Resp: 312243
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.4
79 8.0 0.0 28.3





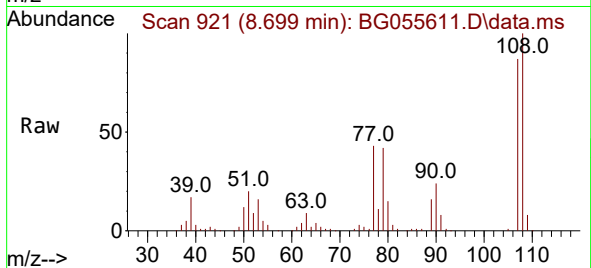
#17
2-Methylphenol
Concen: 51.118 ng
RT: 8.699 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

SB-25MSD

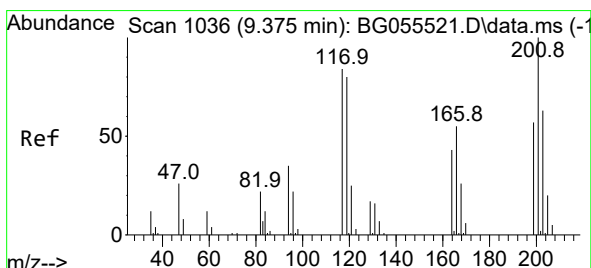
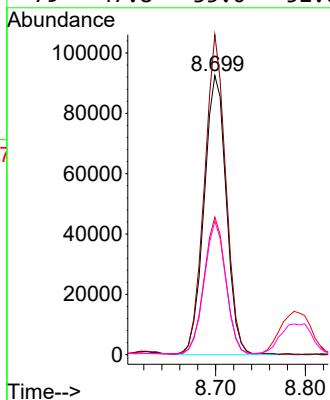
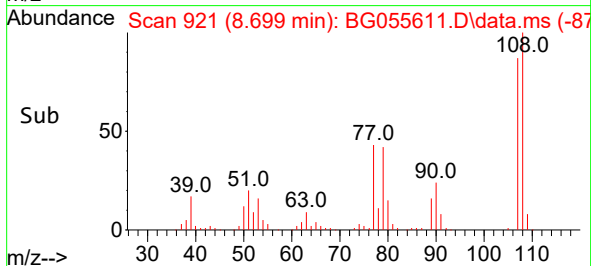


Tgt Ion:107 Resp: 159100
Ion Ratio Lower Upper
107 100
108 114.6 88.6 132.8
77 49.3 38.2 57.2
79 47.8 35.0 52.6

Manual Integrations

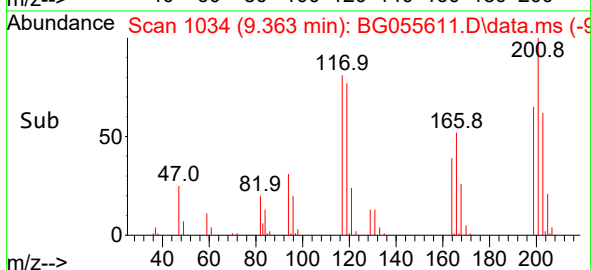
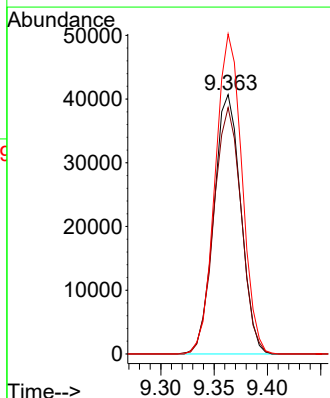
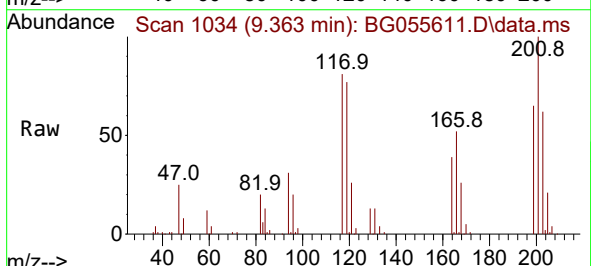
APPROVED

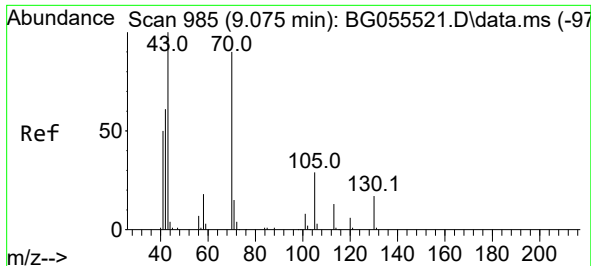
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#18
Hexachloroethane
Concen: 54.749 ng
RT: 9.363 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

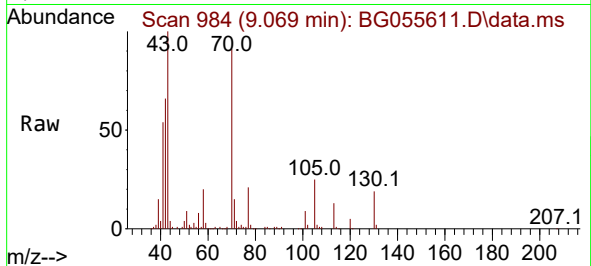
Tgt Ion:117 Resp: 71549
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
201 123.4 94.8 142.2





#19
n-Nitroso-di-n-propylamine
Concen: 43.266 ng
RT: 9.069 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

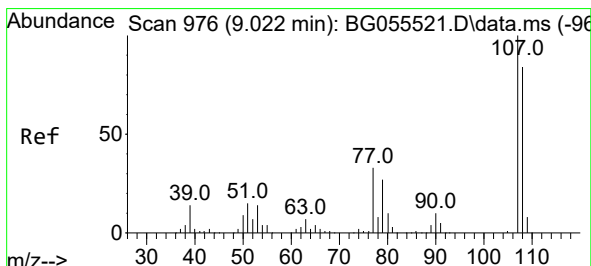
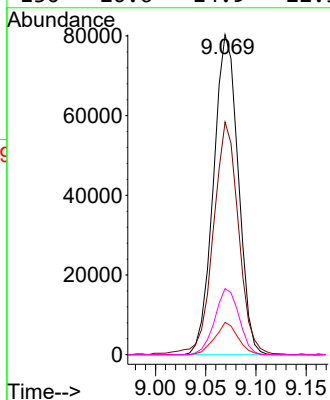
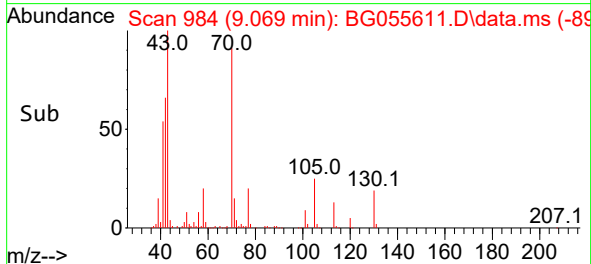
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



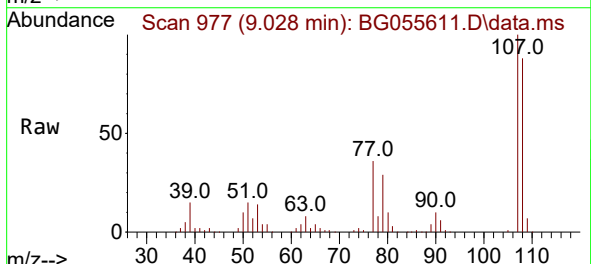
Tgt Ion: 70 Resp: 137375
Ion Ratio Lower Upper
70 100
42 72.7 54.8 82.2
101 10.1 6.8 10.2
130 20.6 14.9 22.3

Manual Integrations
APPROVED

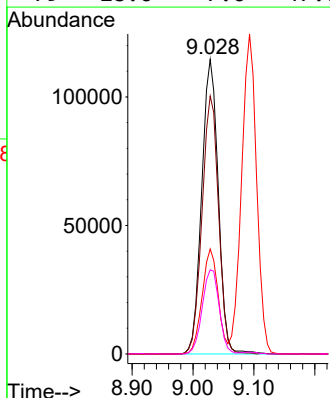
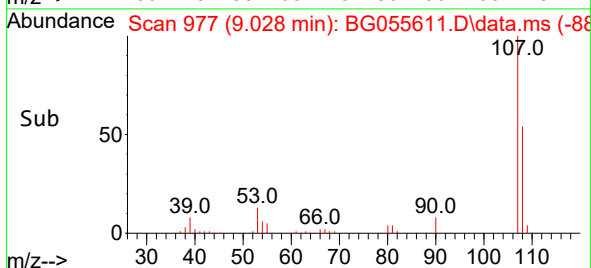
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

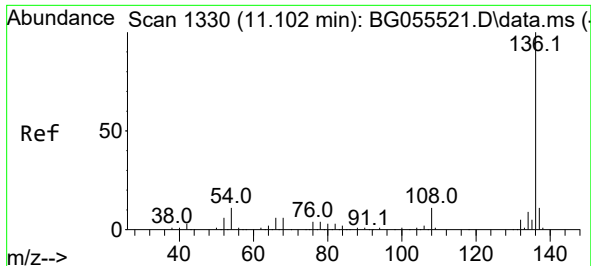


#20
3+4-Methylphenols
Concen: 49.836 ng
RT: 9.028 min Scan# 977
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



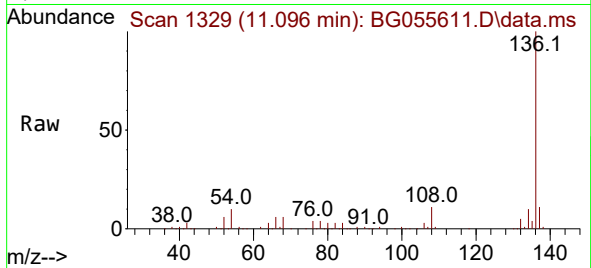
Tgt Ion:107 Resp: 216088
Ion Ratio Lower Upper
107 100
108 87.5 63.9 103.9
77 35.6 13.2 53.2
79 28.6 7.6 47.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

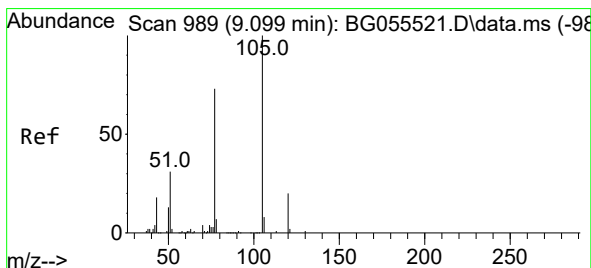
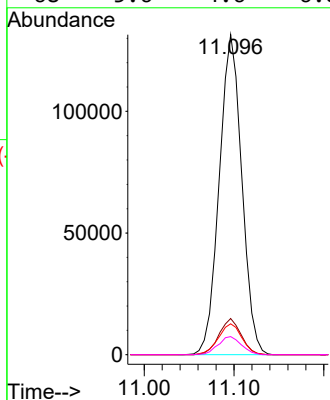
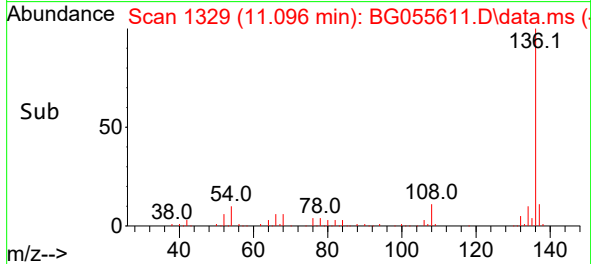
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:136 Resp: 229090
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.7 8.6 12.8
68 5.6 4.6 6.8

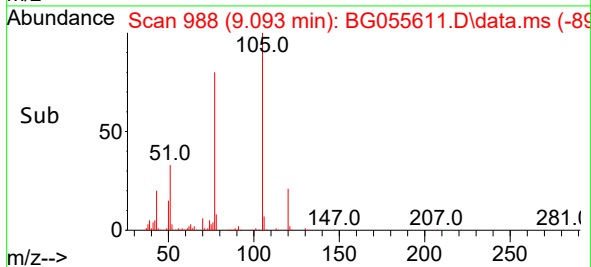
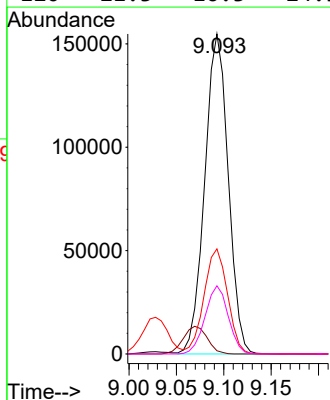
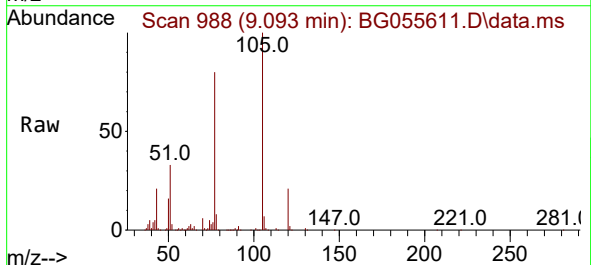
Manual Integrations
APPROVED

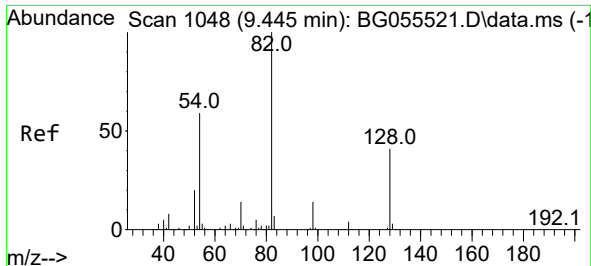
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#22
Acetophenone
Concen: 43.864 ng
RT: 9.093 min Scan# 988
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

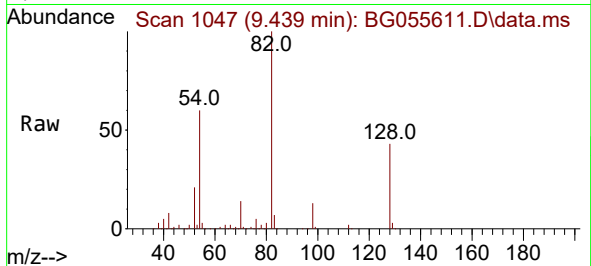
Tgt Ion:105 Resp: 267322
Ion Ratio Lower Upper
105 100
71 1.0 0.8 1.2
51 32.8 26.5 39.7
120 21.3 16.3 24.5





#23
Nitrobenzene-d5
Concen: 98.659 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

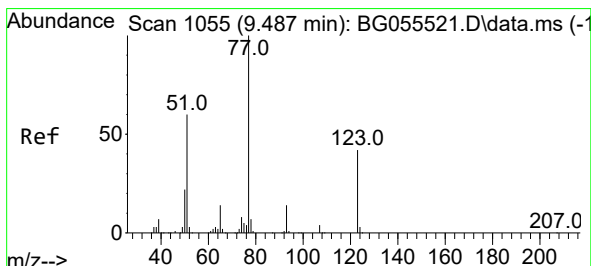
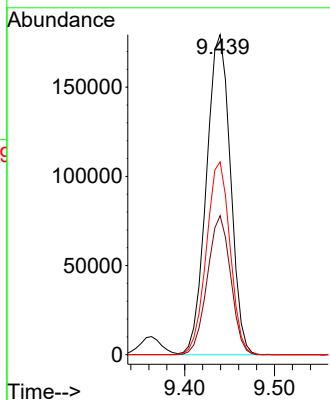
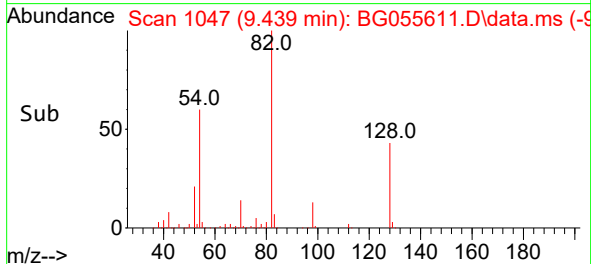
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



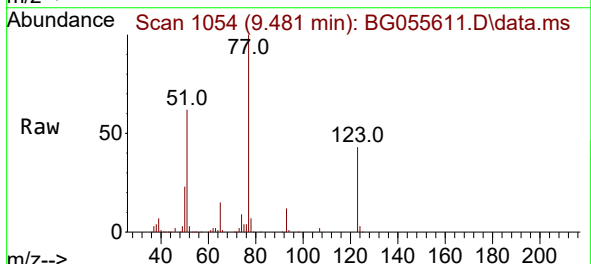
Tgt Ion: 82 Resp: 333409
Ion Ratio Lower Upper
82 100
128 43.5 32.6 49.0
54 60.2 47.3 70.9

Manual Integrations
APPROVED

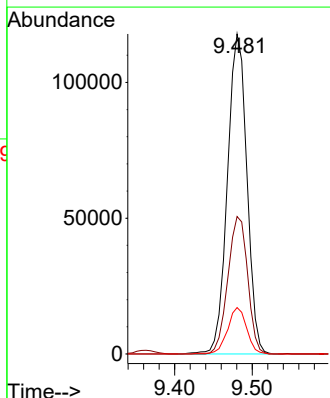
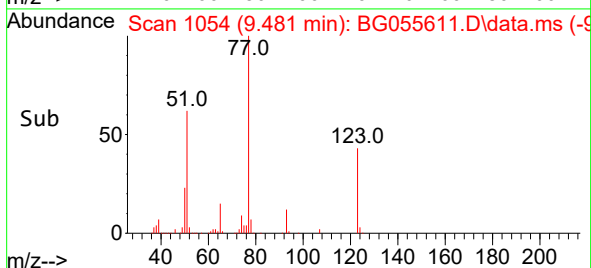
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

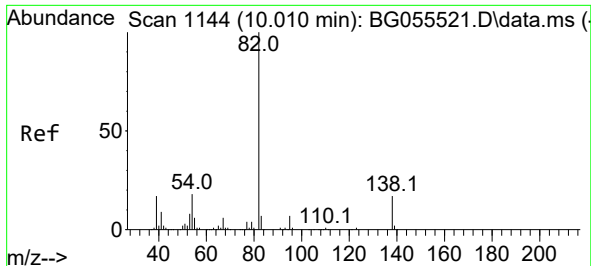


#24
Nitrobenzene
Concen: 52.955 ng
RT: 9.481 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



Tgt Ion: 77 Resp: 205882
Ion Ratio Lower Upper
77 100
123 43.0 33.4 50.2
65 14.5 11.5 17.3





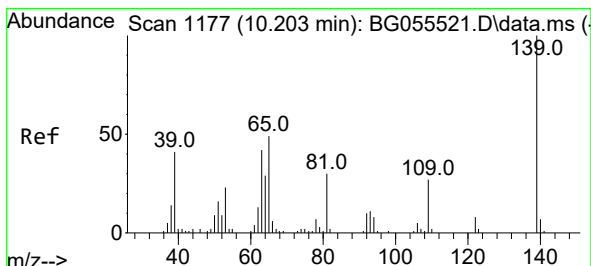
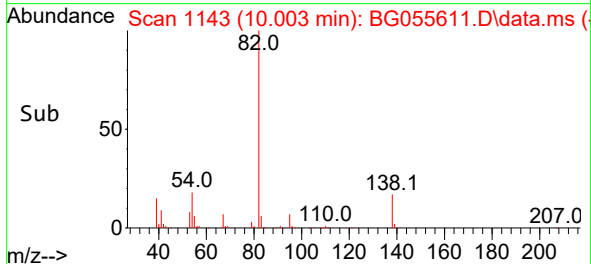
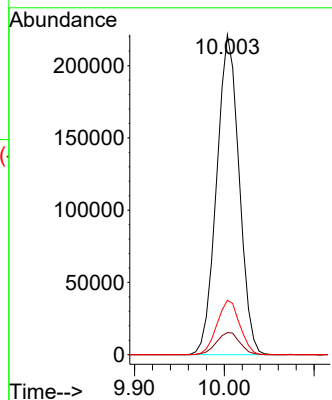
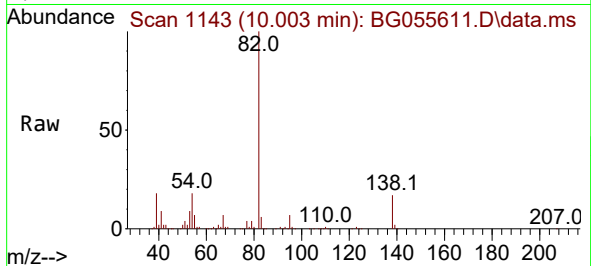
#25
Isophorone
Concen: 44.534 ng
RT: 10.003 min Scan# 1143
Delta R.T. -0.007 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Tgt Ion: 82 Resp: 38449
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.0 13.8 20.6

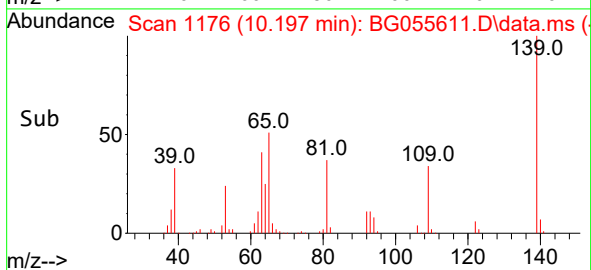
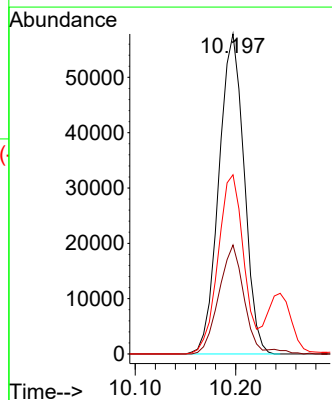
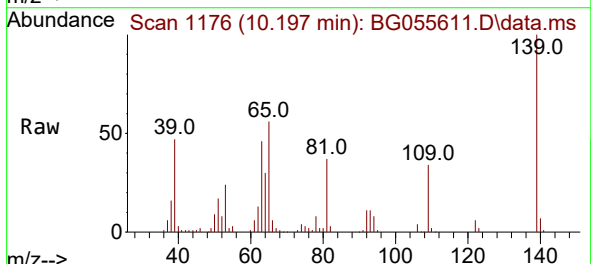
Manual Integrations
APPROVED

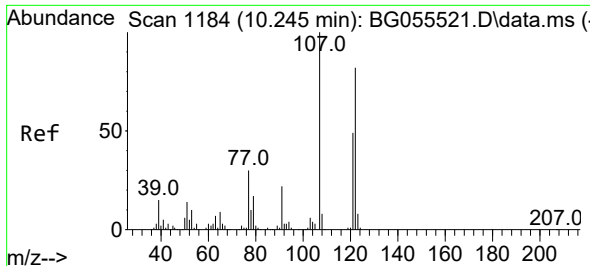
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#26
2-Nitrophenol
Concen: 76.648 ng
RT: 10.197 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:139 Resp: 100771
Ion Ratio Lower Upper
139 100
109 34.1 21.5 32.3#
65 56.0 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 58.454 ng m

RT: 10.244 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

SB-25MSD

Tgt Ion:122 Resp: 180439

Ion Ratio Lower Upper

122 100

107 118.0 97.8 146.6

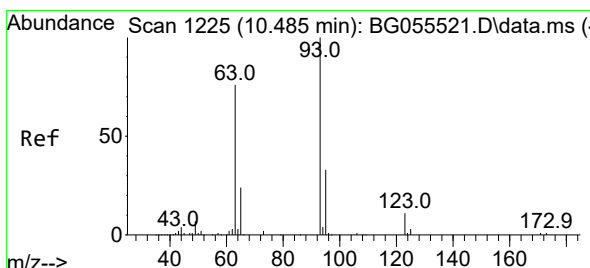
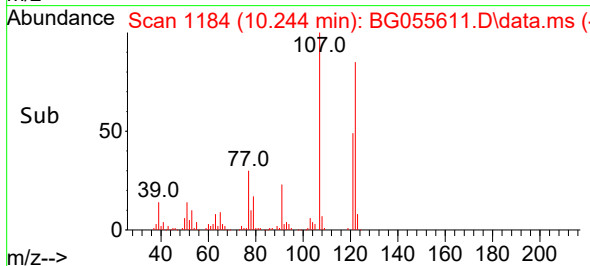
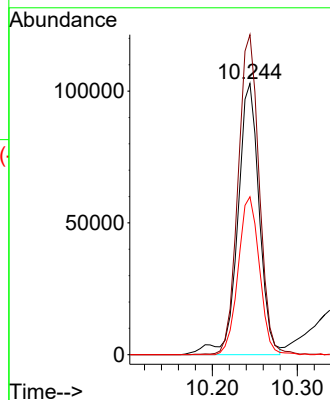
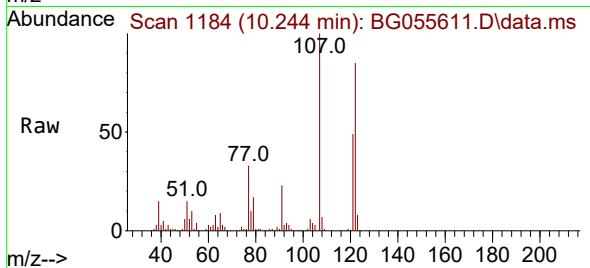
121 58.2 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.637 ng

RT: 10.479 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

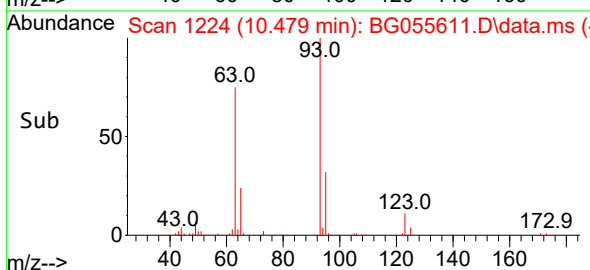
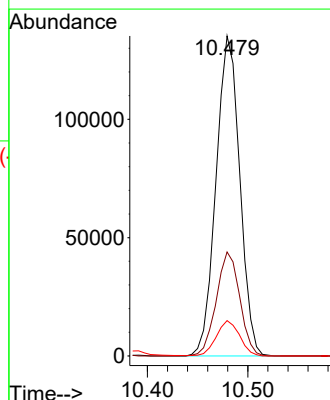
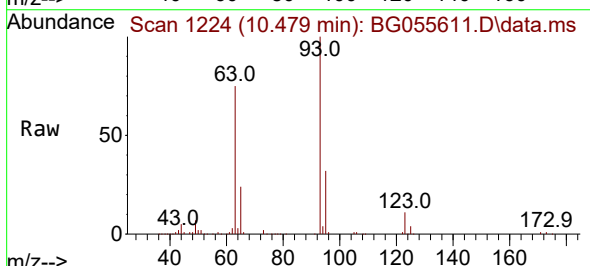
Tgt Ion: 93 Resp: 221751

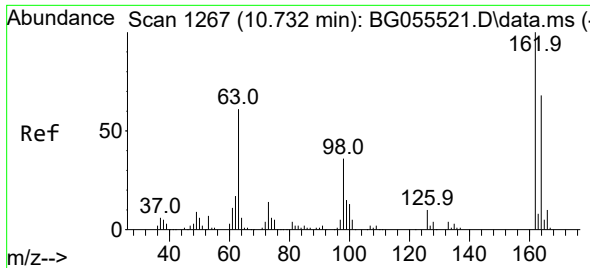
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

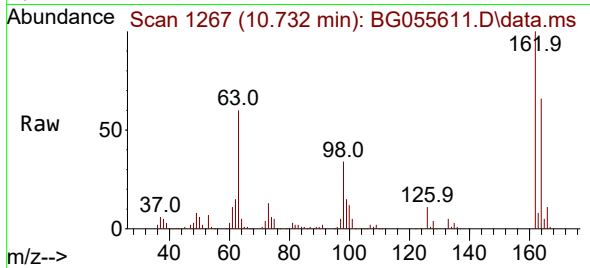
123 11.0 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 54.740 ng
RT: 10.732 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

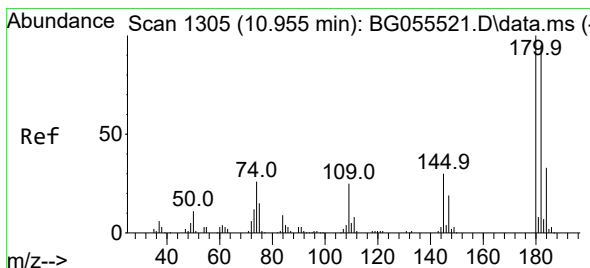
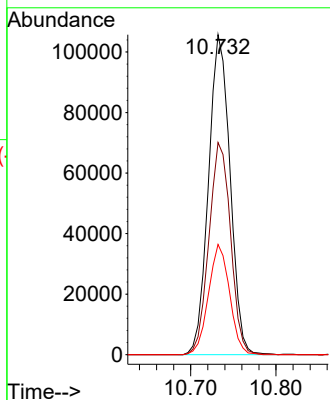
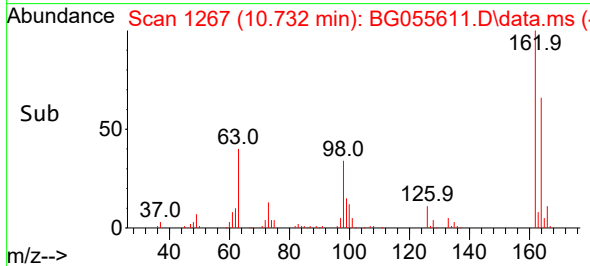
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



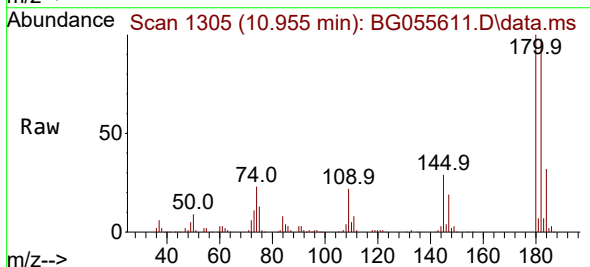
Tgt Ion:162 Resp: 18569
Ion Ratio Lower Upper
162 100
164 66.3 48.3 88.3
98 34.4 15.6 55.6

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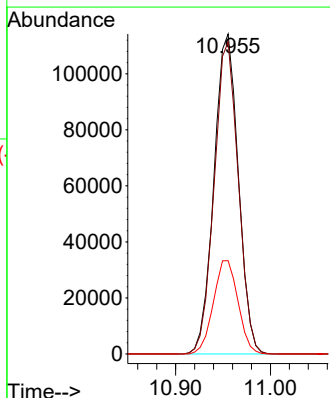
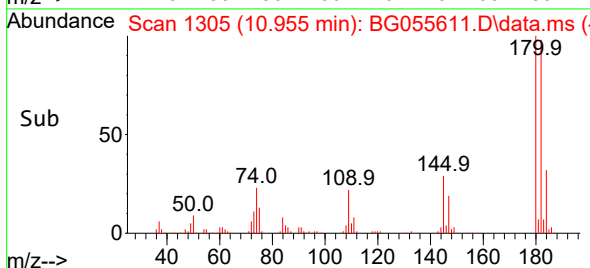
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

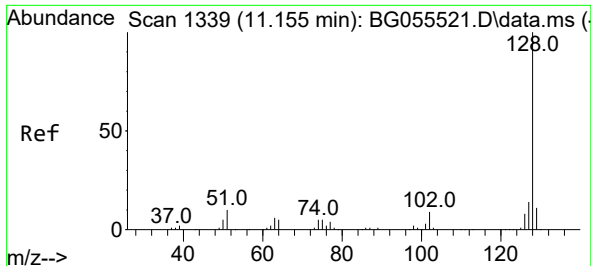


#30
1,2,4-Trichlorobenzene
Concen: 47.987 ng
RT: 10.955 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



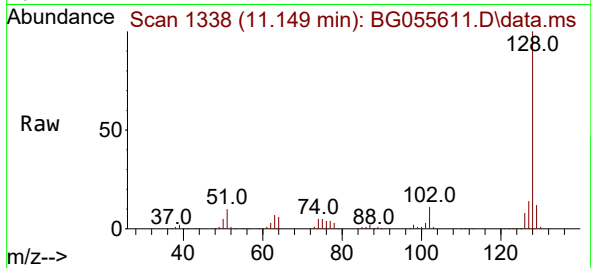
Tgt Ion:180 Resp: 203915
Ion Ratio Lower Upper
180 100
182 97.5 75.9 113.9
145 29.1 23.8 35.6





#31
Naphthalene
Concen: 44.904 ng
RT: 11.149 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

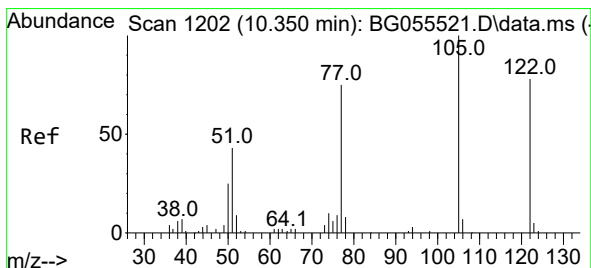
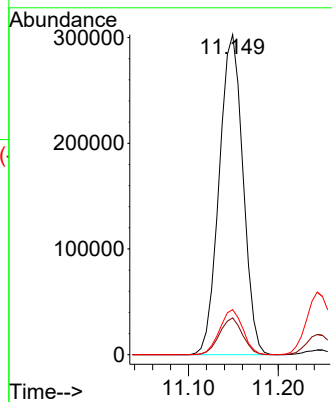
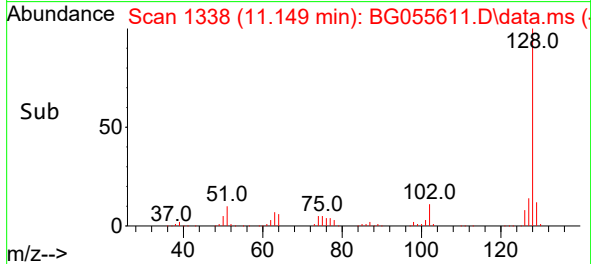
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:128 Resp: 556192
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.1 11.1 16.7

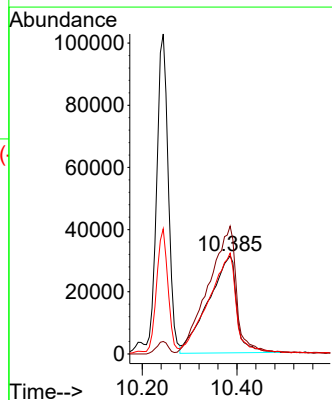
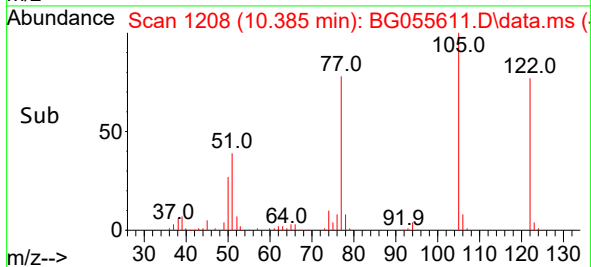
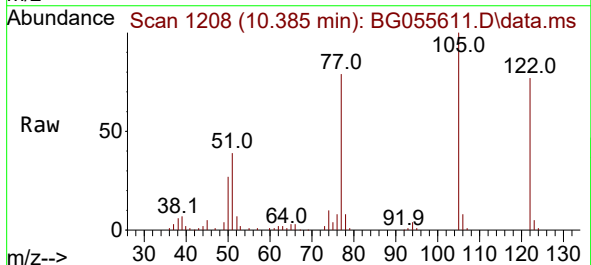
Manual Integrations
APPROVED

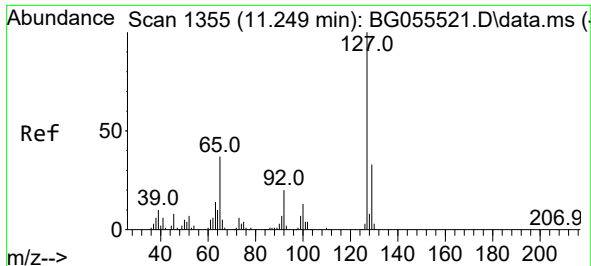
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#32
Benzoic acid
Concen: 61.390 ng
RT: 10.385 min Scan# 1208
Delta R.T. 0.035 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

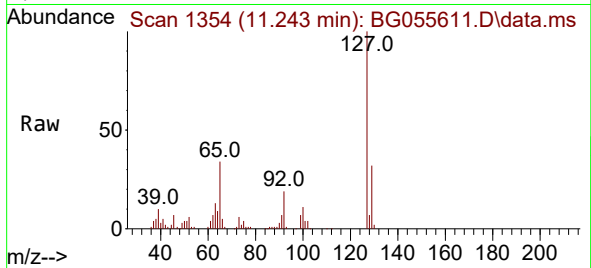
Tgt Ion:122 Resp: 129232
Ion Ratio Lower Upper
122 100
105 130.4 101.2 141.2
77 102.8 74.4 114.4





#33
4-Chloroaniline
Concen: 21.939 ng
RT: 11.243 min Scan# 11358
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

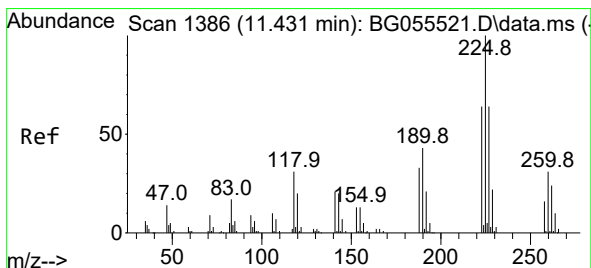
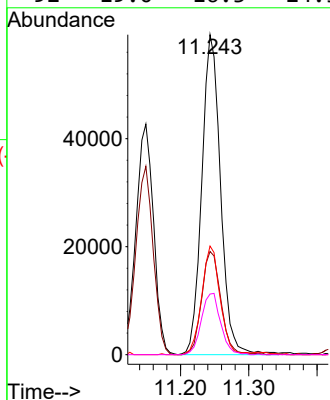
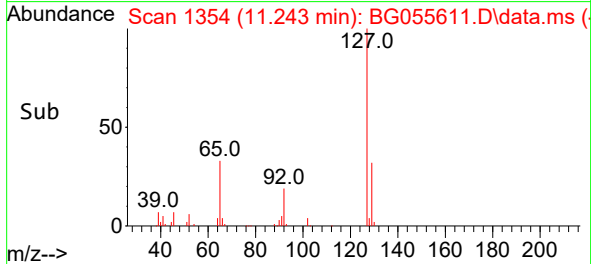
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:127 Resp: 11358
Ion Ratio Lower Upper
127 100
129 32.2 26.5 39.7
65 33.9 29.3 43.9
92 19.0 16.3 24.5

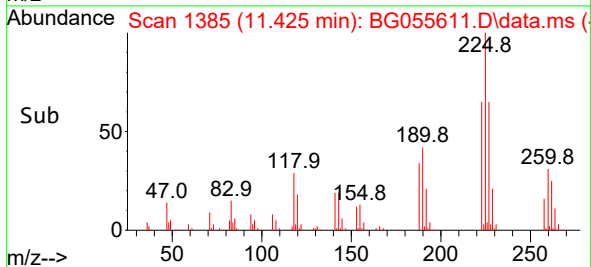
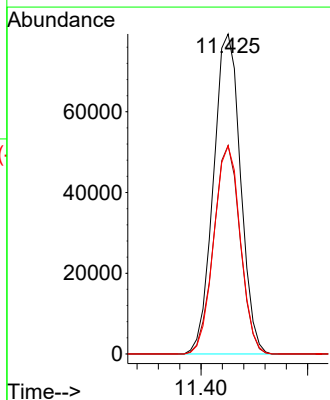
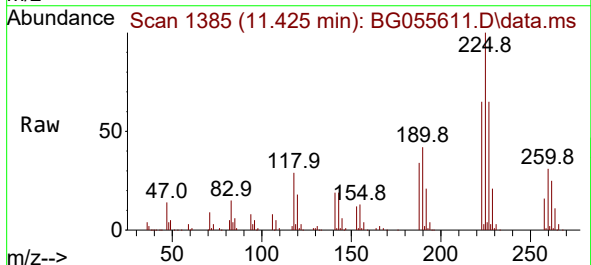
Manual Integrations
APPROVED

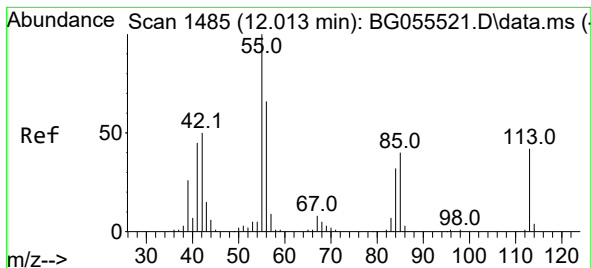
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#34
Hexachlorobutadiene
Concen: 49.312 ng
RT: 11.425 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:225 Resp: 139753
Ion Ratio Lower Upper
225 100
223 65.1 51.5 77.3
227 65.0 51.6 77.4





#35

Caprolactam

Concen: 48.475 ng m

RT: 12.030 min Scan# 1485

Delta R.T. 0.017 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

SB-25MSD

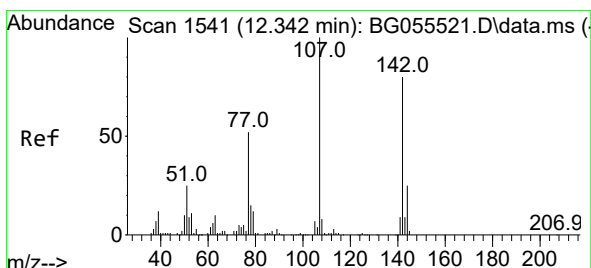
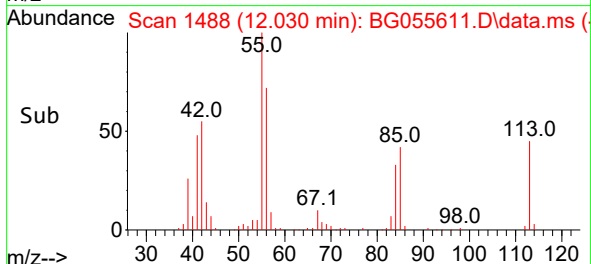
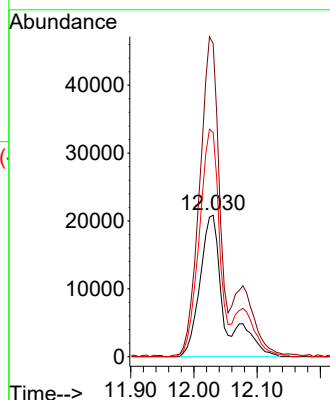
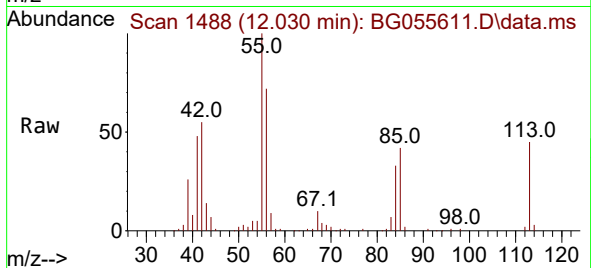
Tgt Ion	Ratio	Lower	Upper
113	100		
55	221.2	215.6	255.6
56	158.5	136.5	176.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#36

4-Chloro-3-methylphenol

Concen: 49.307 ng

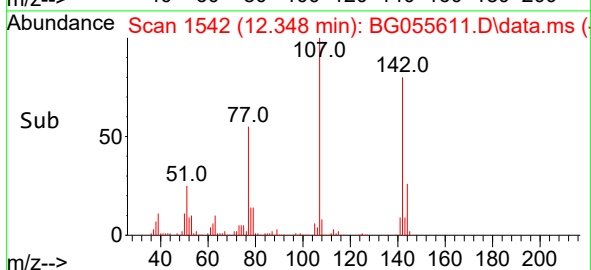
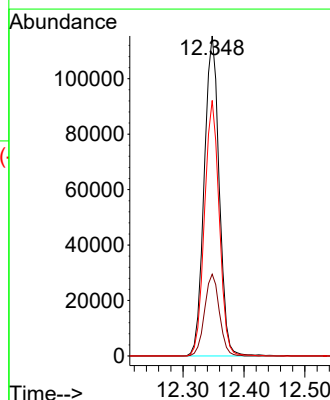
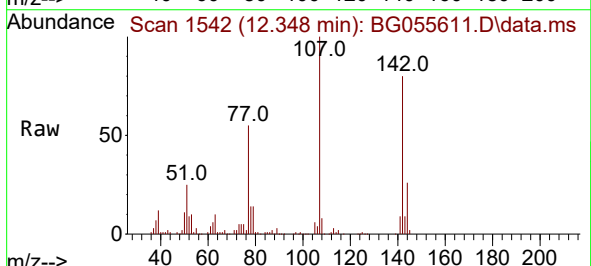
RT: 12.348 min Scan# 1542

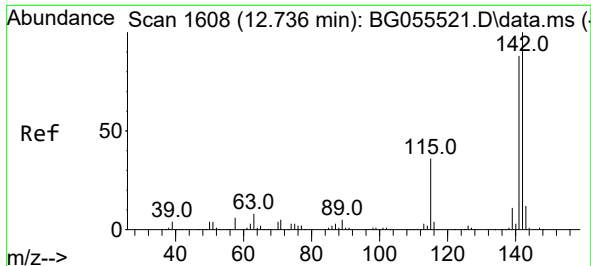
Delta R.T. 0.006 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

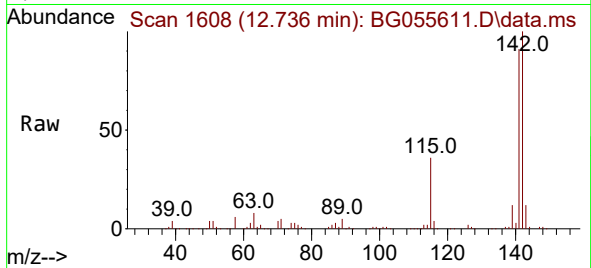
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.3	30.5
142	79.8	64.1	96.1





#37
2-Methylnaphthalene
Concen: 44.640 ng
RT: 12.736 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

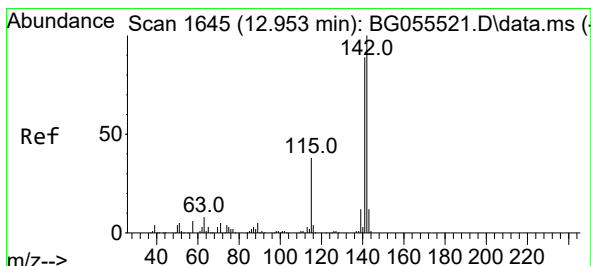
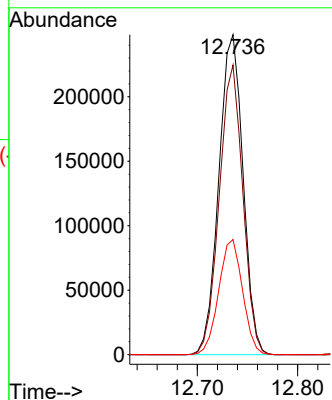
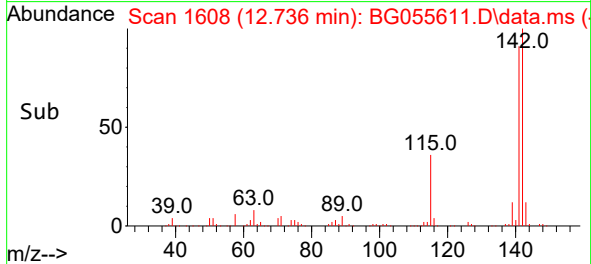
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:142 Resp: 415427
Ion Ratio Lower Upper
142 100
141 90.5 70.3 105.5
115 36.0 28.9 43.3

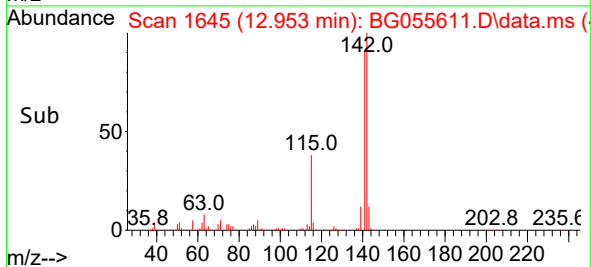
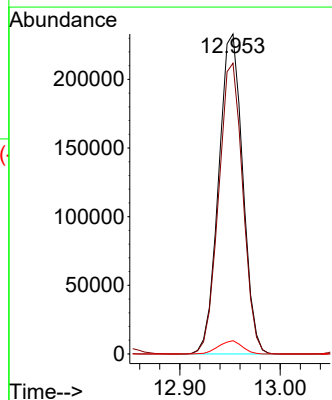
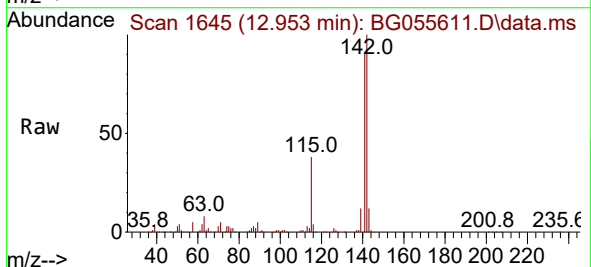
Manual Integrations
APPROVED

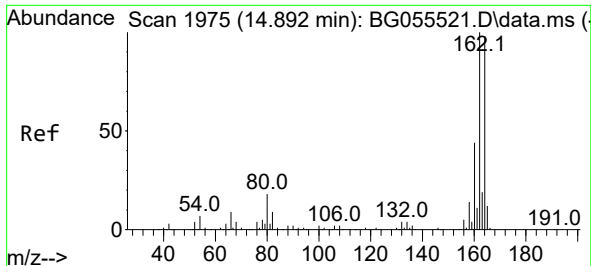
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#38
1-Methylnaphthalene
Concen: 42.666 ng
RT: 12.953 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

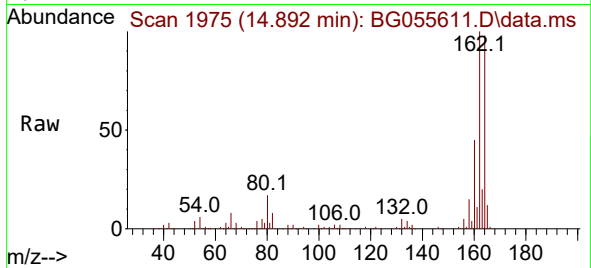
Tgt Ion:142 Resp: 388388
Ion Ratio Lower Upper
142 100
141 90.9 71.6 107.4
116 4.2 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

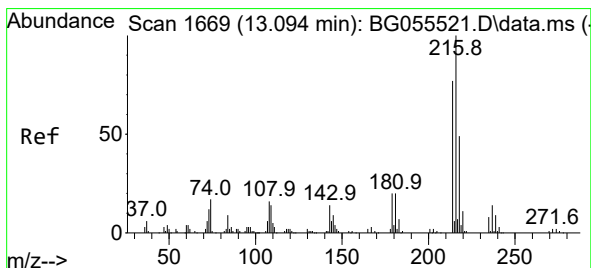
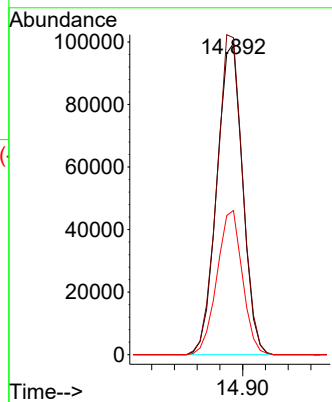
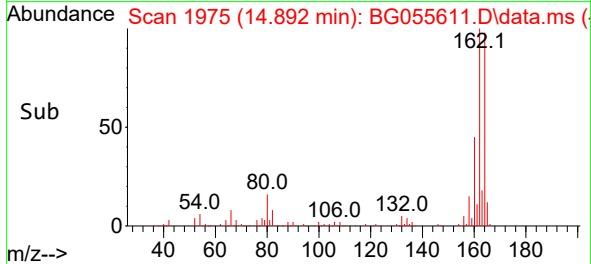
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



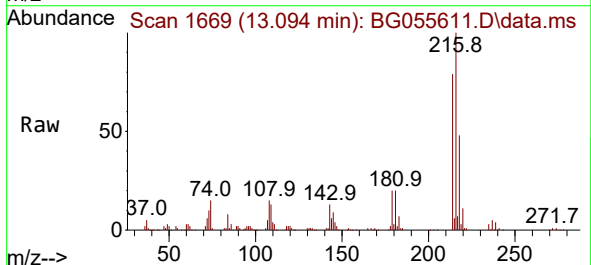
Tgt Ion:164 Resp: 15634
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 46.3 35.9 53.9

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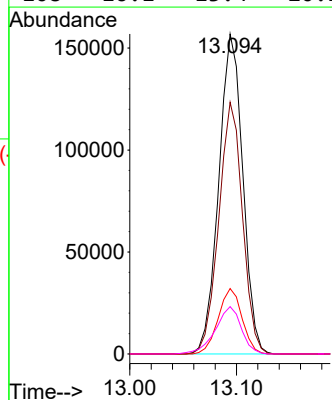
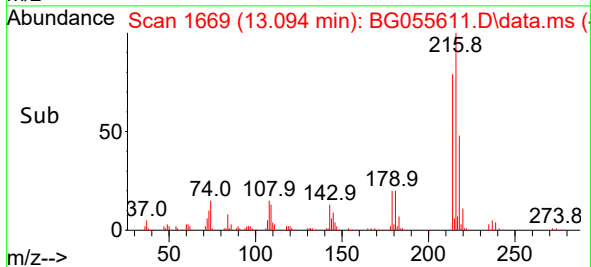
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

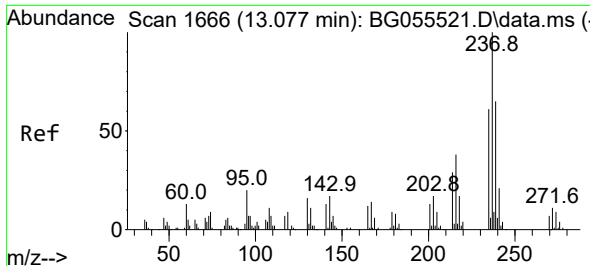


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.500 ng
RT: 13.094 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



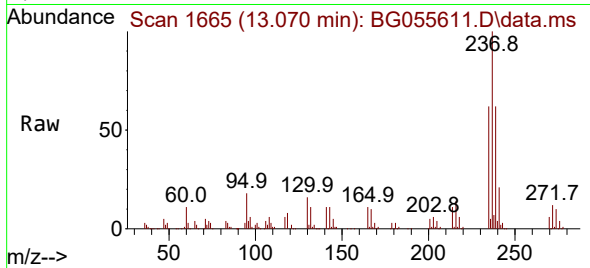
Tgt Ion:216 Resp: 245178
Ion Ratio Lower Upper
216 100
214 77.6 61.3 91.9
179 20.3 16.3 24.5
108 16.1 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 66.483 ng
RT: 13.070 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

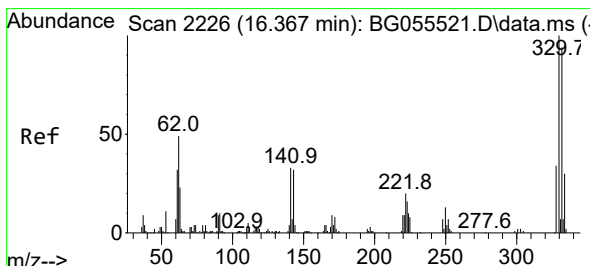
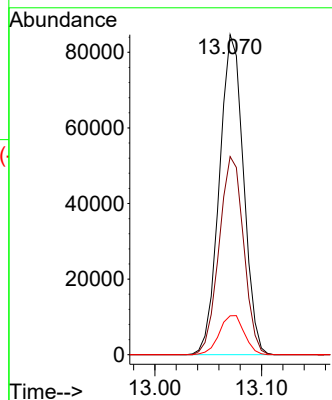
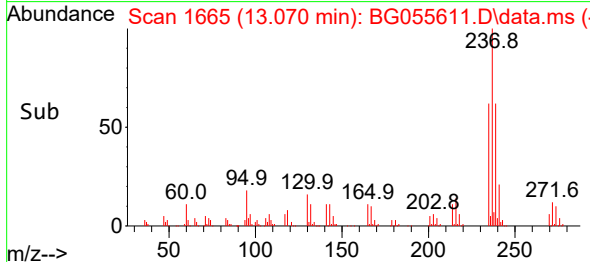
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



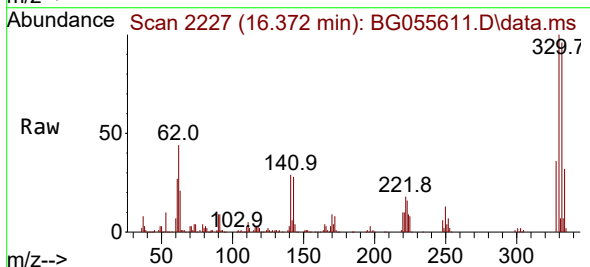
Tgt Ion:237 Resp: 132919
Ion Ratio Lower Upper
237 100
235 61.9 40.6 80.6
272 12.1 0.0 31.4

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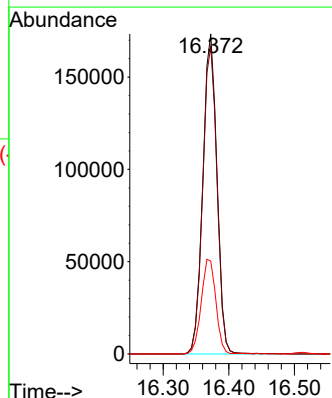
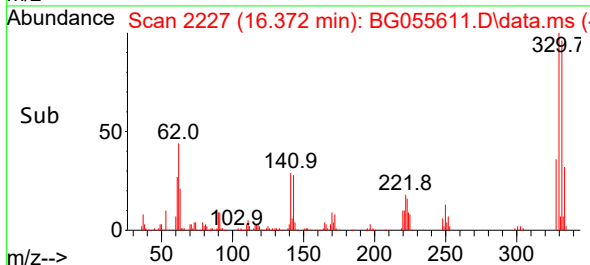
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

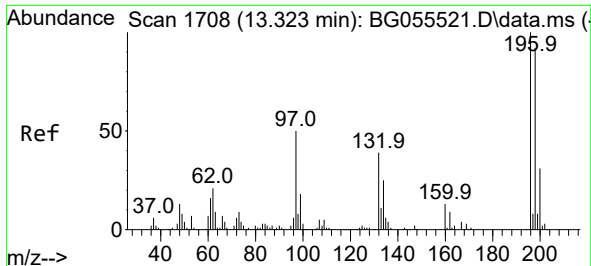


#42
2,4,6-Tribromophenol
Concen: 170.710 ng
RT: 16.372 min Scan# 2227
Delta R.T. 0.005 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



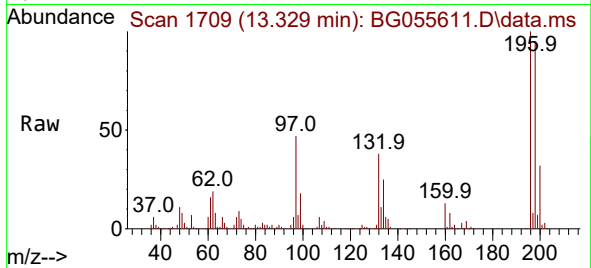
Tgt Ion:330 Resp: 260406
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 30.6 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 59.342 ng
RT: 13.329 min Scan# 1708
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

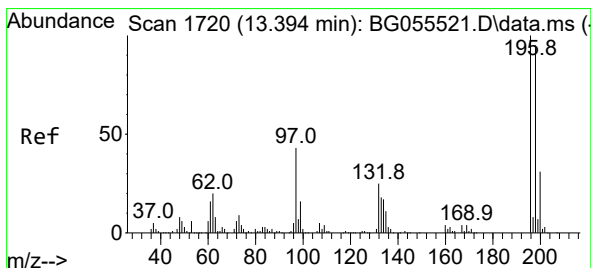
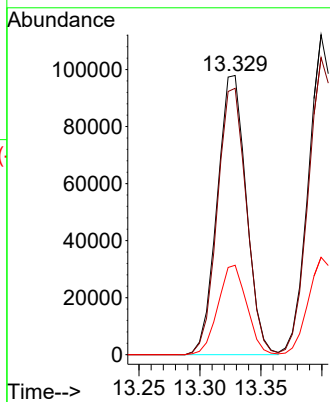
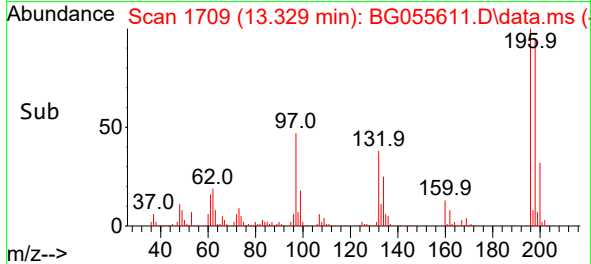
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



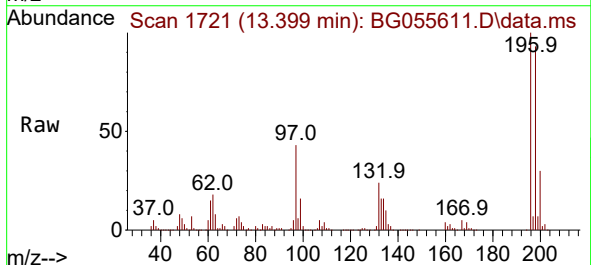
Tgt Ion:196 Resp: 162950
Ion Ratio Lower Upper
196 100
198 95.4 73.9 110.9
200 32.0 24.6 37.0

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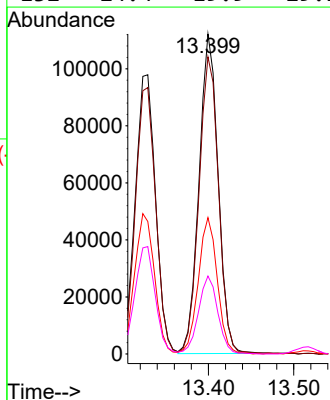
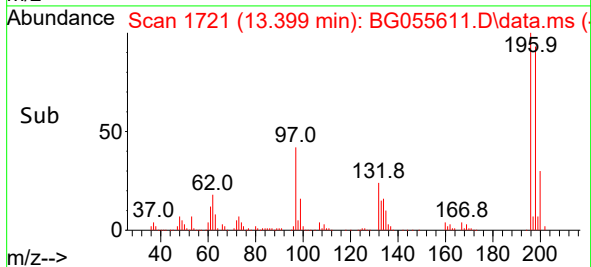
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

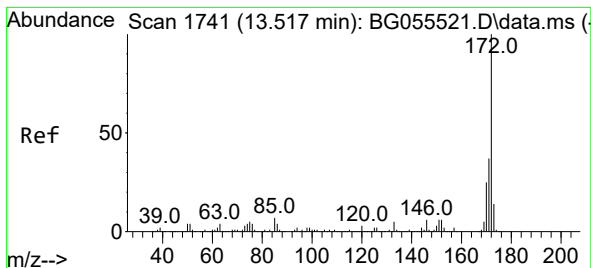


#44
2,4,5-Trichlorophenol
Concen: 55.616 ng
RT: 13.399 min Scan# 1721
Delta R.T. 0.005 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



Tgt Ion:196 Resp: 174833
Ion Ratio Lower Upper
196 100
198 92.9 76.1 114.1
97 42.6 34.2 51.4
132 24.4 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 76.513 ng

RT: 13.517 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

SB-25MSD

Tgt Ion:172 Resp: 793040

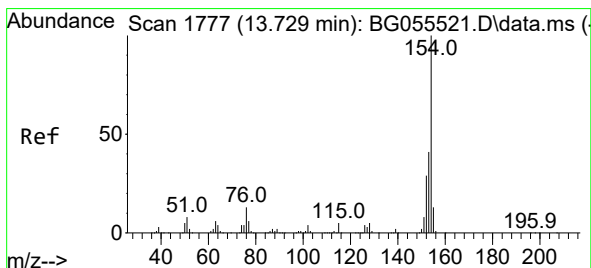
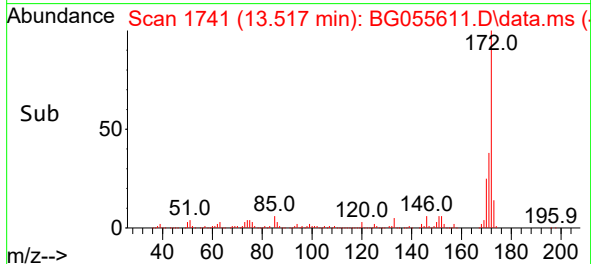
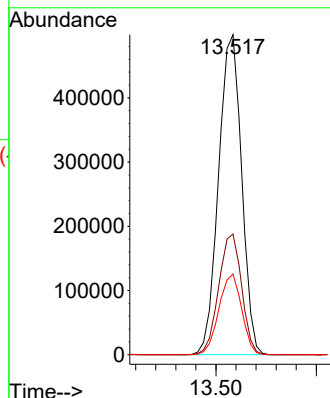
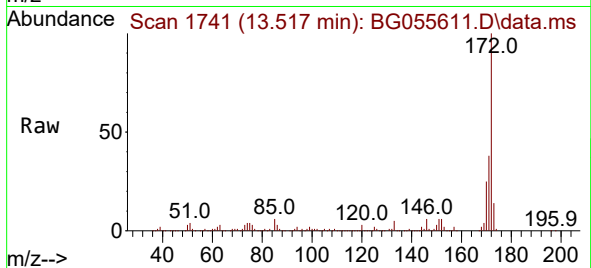
Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.2	19.8	29.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#46

1,1'-Biphenyl

Concen: 47.791 ng

RT: 13.723 min Scan# 1776

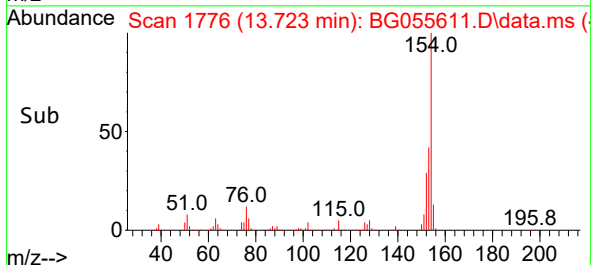
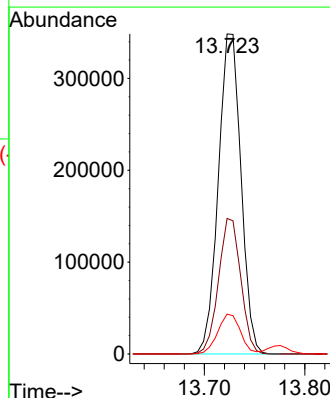
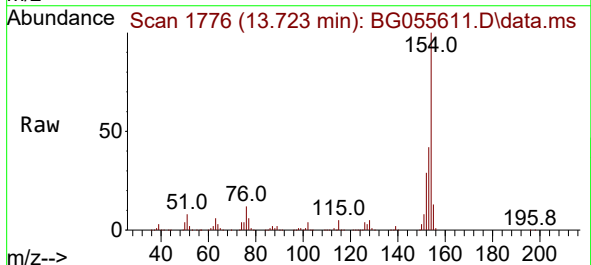
Delta R.T. -0.006 min

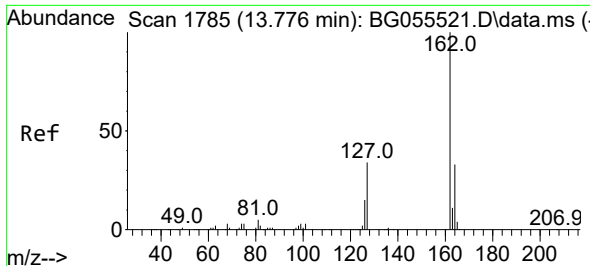
Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Tgt Ion:154 Resp: 546625

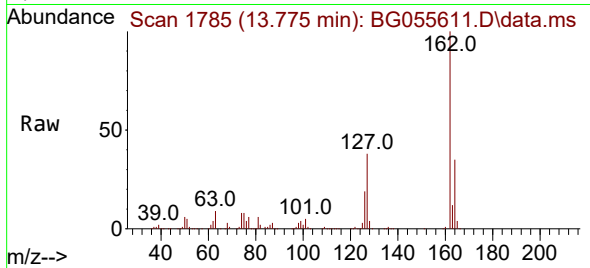
Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.9	60.9
76	12.4	0.0	32.7





#47
2-Chloronaphthalene
Concen: 47.119 ng
RT: 13.775 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

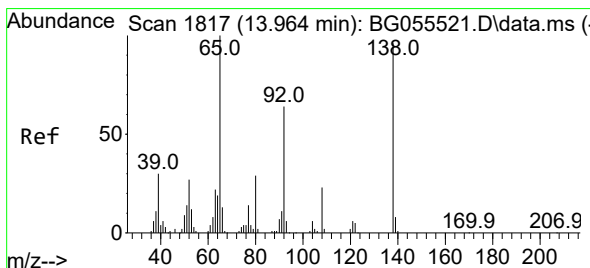
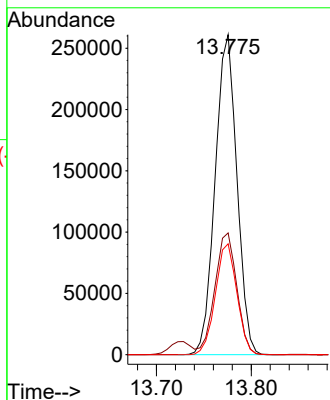
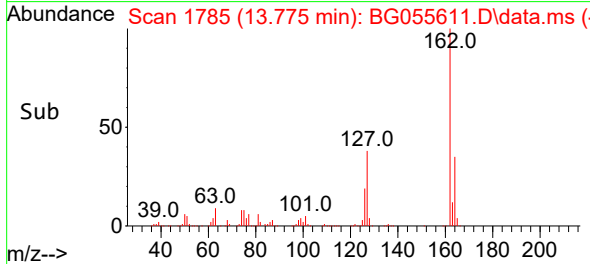
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:162 Resp: 416260
Ion Ratio Lower Upper
162 100
127 38.0 30.9 46.3
164 34.7 26.8 40.2

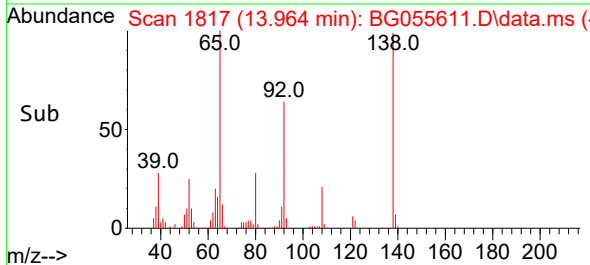
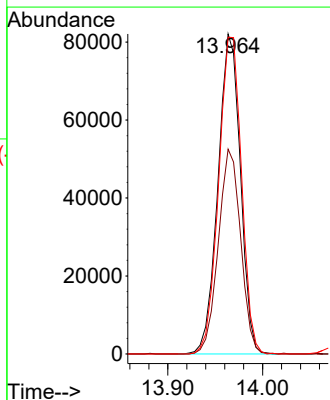
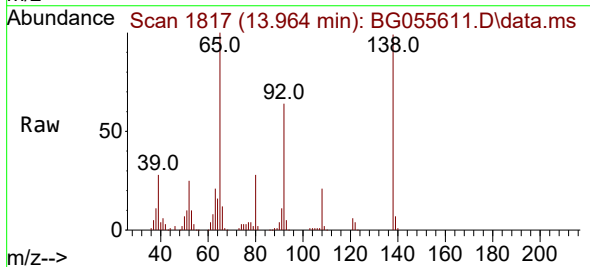
Manual Integrations
APPROVED

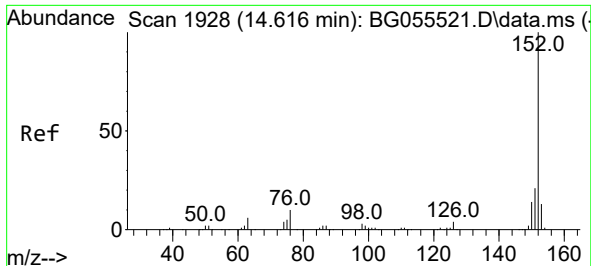
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#48
2-Nitroaniline
Concen: 58.328 ng
RT: 13.964 min Scan# 1817
Delta R.T. -0.001 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion: 65 Resp: 134744
Ion Ratio Lower Upper
65 100
92 64.0 51.6 77.4
138 99.0 77.0 115.4





#49

Acenaphthylene

Concen: 45.340 ng

RT: 14.616 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

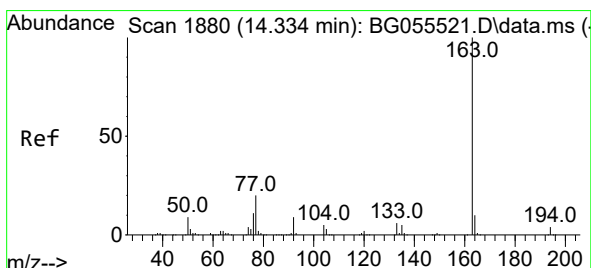
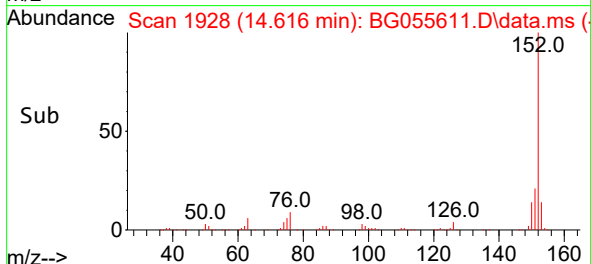
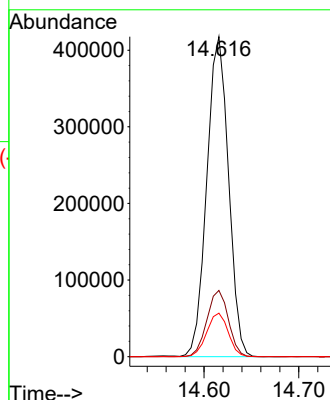
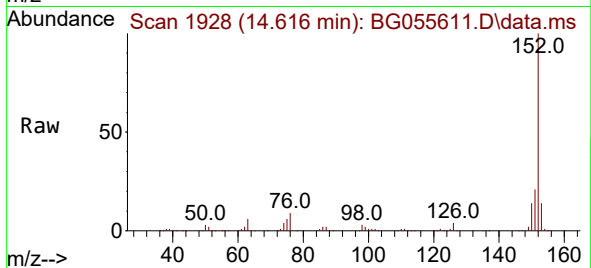
SB-25MSD

Tgt Ion:152 Resp: 66275
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.4 24.6
 153 13.6 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: 44.573 ng

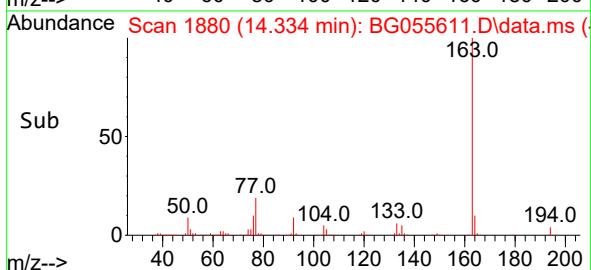
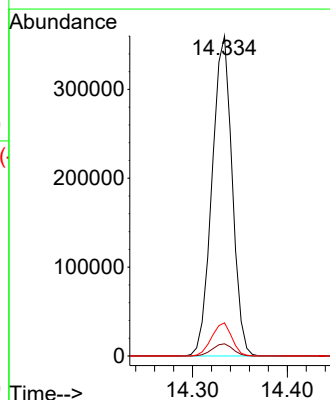
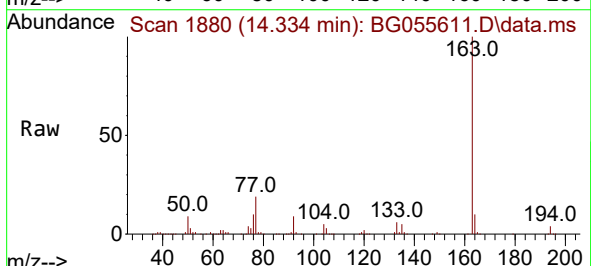
RT: 14.334 min Scan# 1880

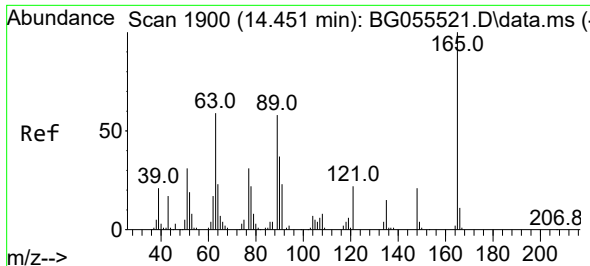
Delta R.T. -0.000 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

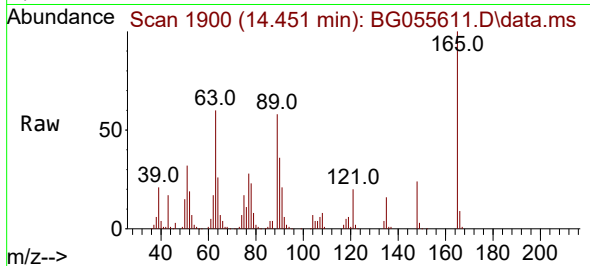
Tgt Ion:163 Resp: 529519
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 53.932 ng
RT: 14.451 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

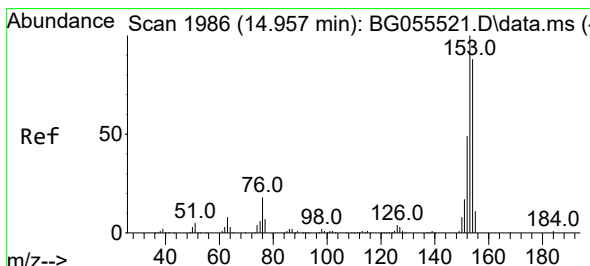
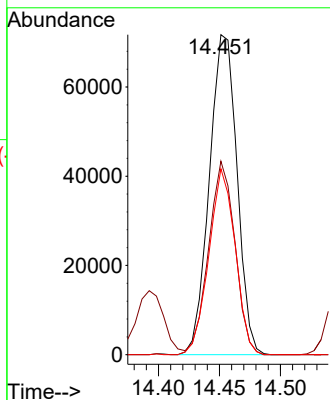
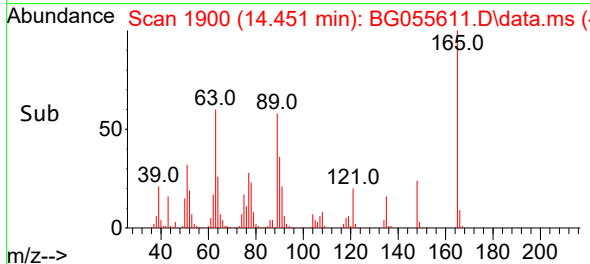
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



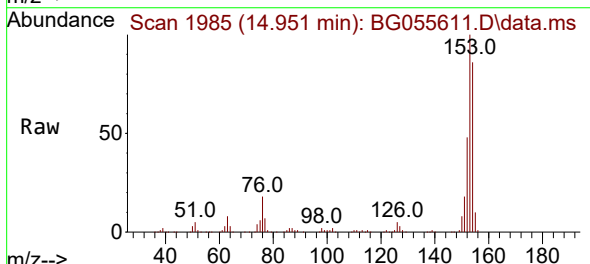
Tgt Ion:165 Resp: 113497
Ion Ratio Lower Upper
165 100
63 60.4 50.1 75.1
89 58.1 46.5 69.7

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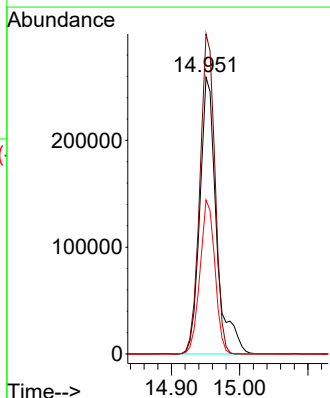
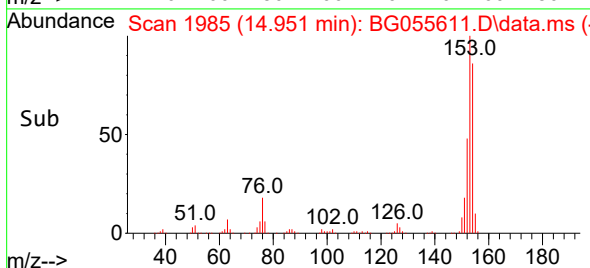
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

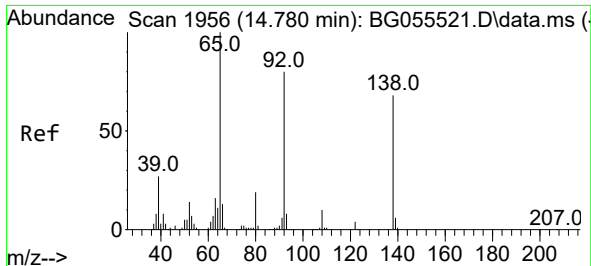


#52
Acenaphthene
Concen: 48.096 ng
RT: 14.951 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



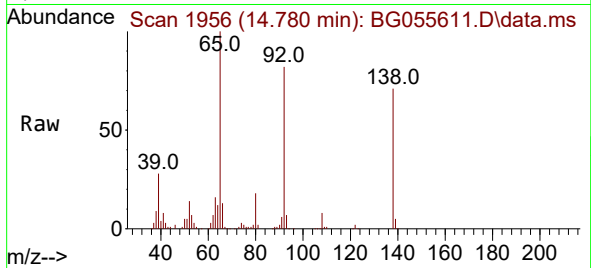
Tgt Ion:154 Resp: 438904
Ion Ratio Lower Upper
154 100
153 115.7 91.4 137.0
152 55.7 44.5 66.7





#53
3-Nitroaniline
Concen: 36.436 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

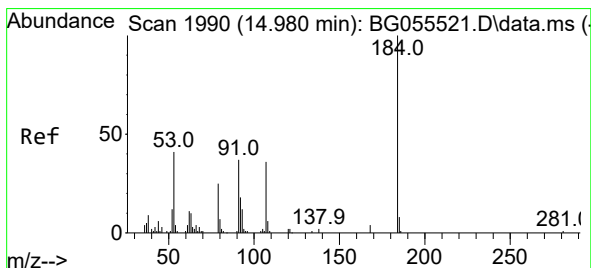
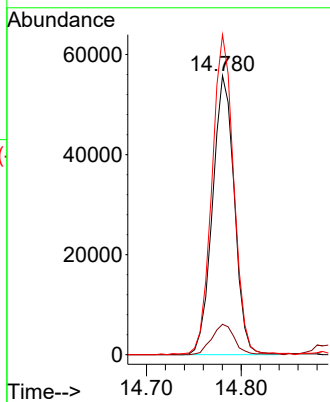
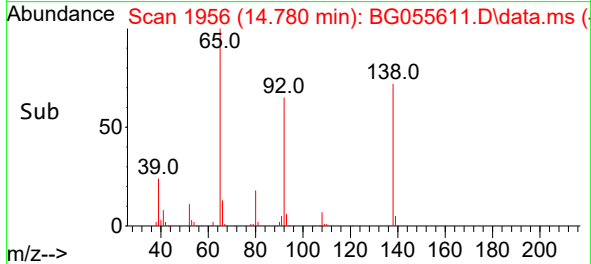
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



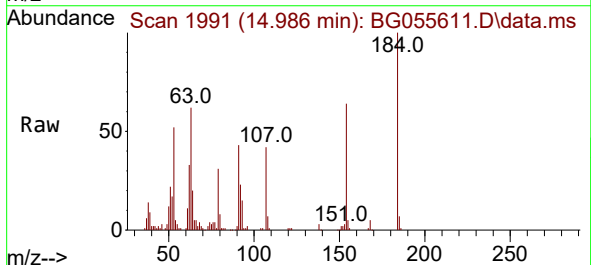
Tgt Ion:138 Resp: 8913
Ion Ratio Lower Upper
138 100
108 10.9 11.7 17.5
92 114.7 94.3 141.5

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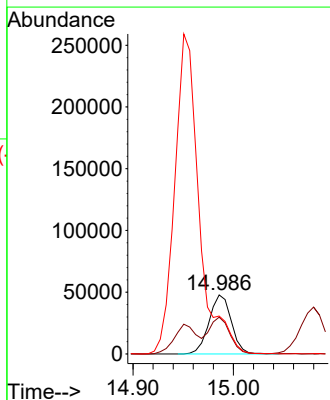
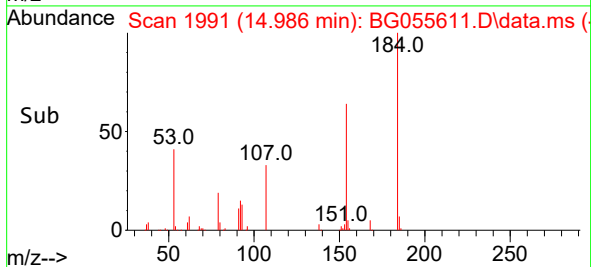
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

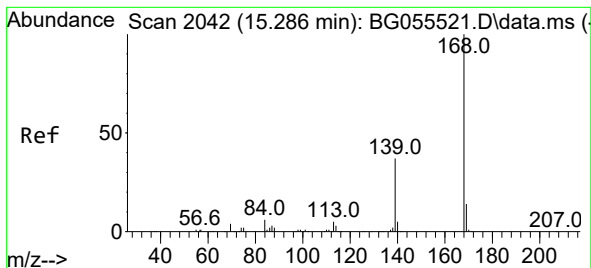


#54
2,4-Dinitrophenol
Concen: 99.613 ng
RT: 14.986 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



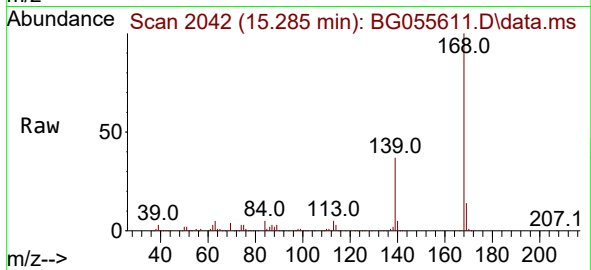
Tgt Ion:184 Resp: 73579
Ion Ratio Lower Upper
184 100
63 62.4 43.8 65.8
154 64.3 77.2 115.8#





#55
Dibenzenofuran
Concen: 44.341 ng
RT: 15.285 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

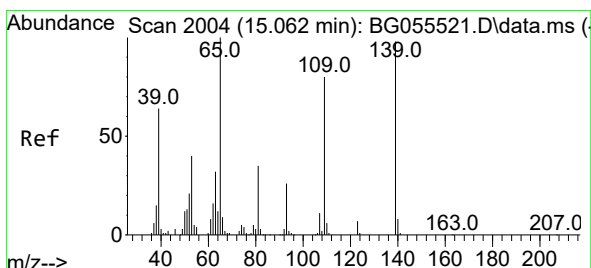
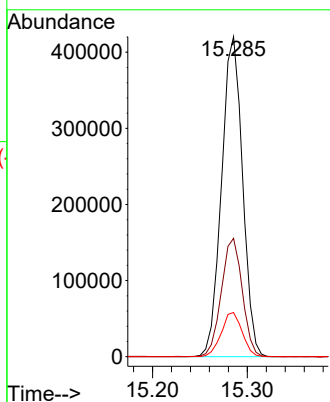
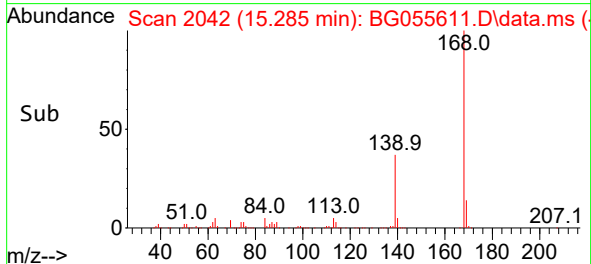
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:168 Resp: 64691
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.2
169 13.8 11.1 16.7

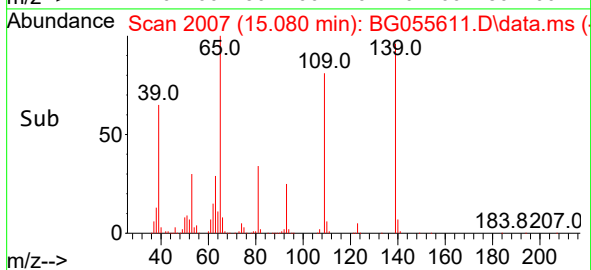
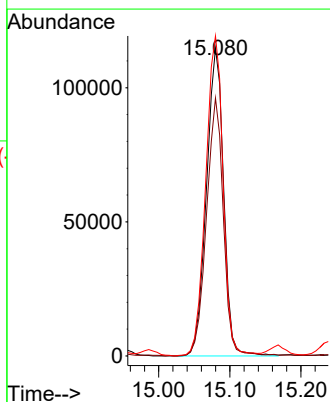
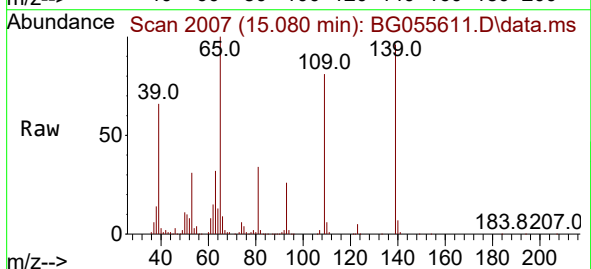
Manual Integrations
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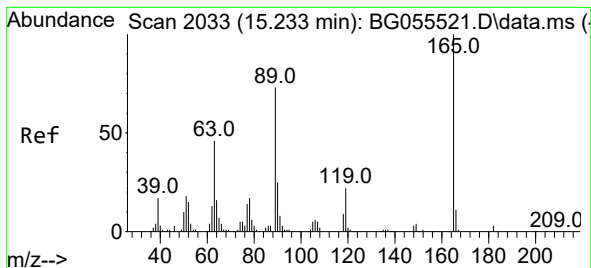
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#56
4-Nitrophenol
Concen: 109.793 ng
RT: 15.080 min Scan# 2007
Delta R.T. 0.018 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

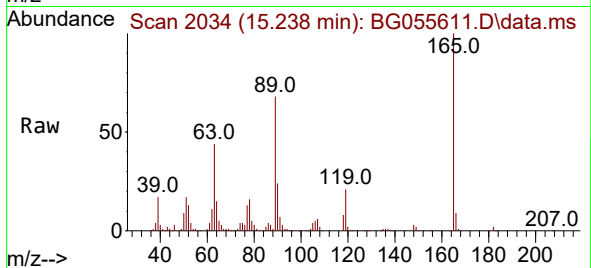
Tgt Ion:139 Resp: 193138
Ion Ratio Lower Upper
139 100
109 83.8 61.8 101.8
65 104.0 82.9 122.9





#57
2,4-Dinitrotoluene
Concen: 55.940 ng
RT: 15.238 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

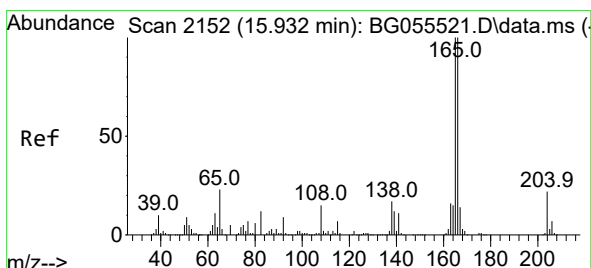
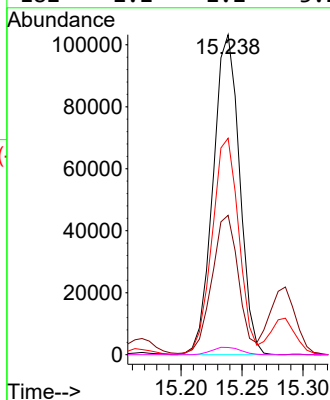
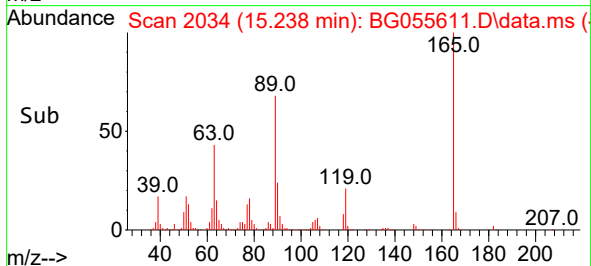
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



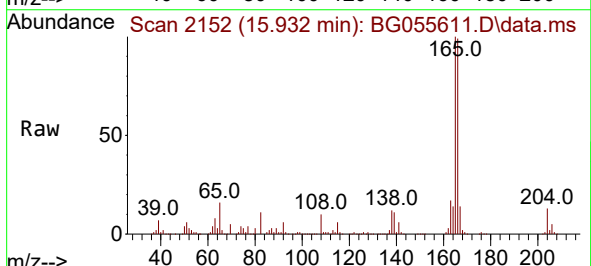
Tgt Ion:165 Resp: 15609
Ion Ratio Lower Upper
165 100
63 43.5 37.0 55.4
89 67.7 58.6 87.8
182 2.2 2.2 3.2

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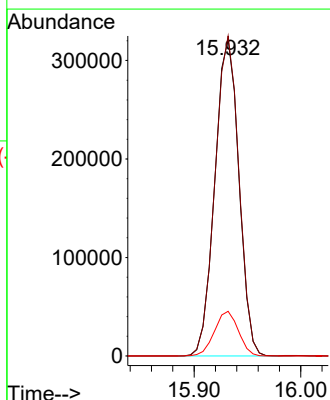
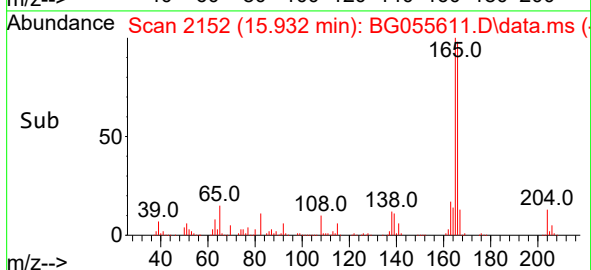
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

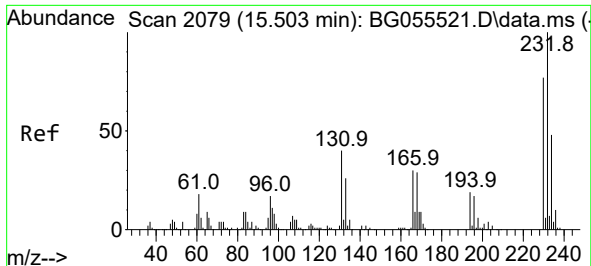


#58
Fluorene
Concen: 43.334 ng
RT: 15.932 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



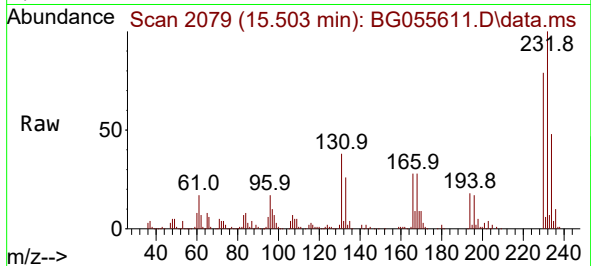
Tgt Ion:166 Resp: 502972
Ion Ratio Lower Upper
166 100
165 101.1 80.2 120.2
167 14.1 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.412 ng
RT: 15.503 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

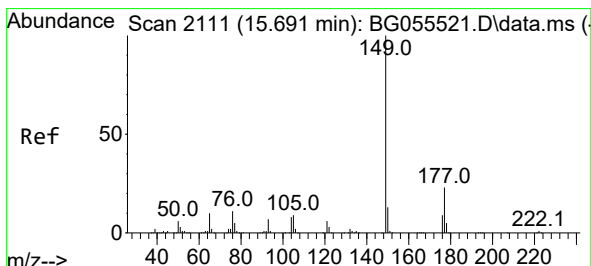
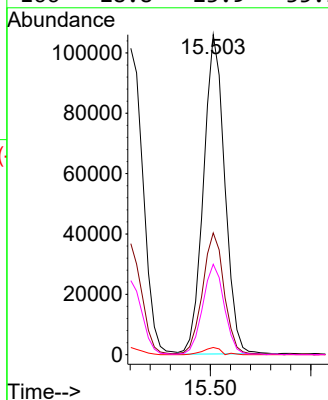
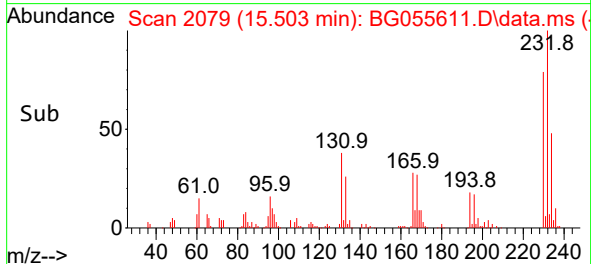
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



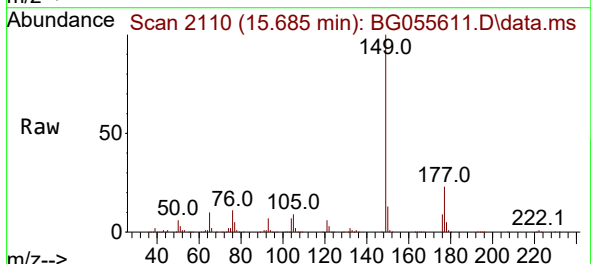
Tgt Ion:232 Resp: 15562
Ion Ratio Lower Upper
232 100
131 39.3 31.8 47.8
130 1.9 1.7 2.5
166 28.8 23.9 35.9

Manual Integrations
APPROVED

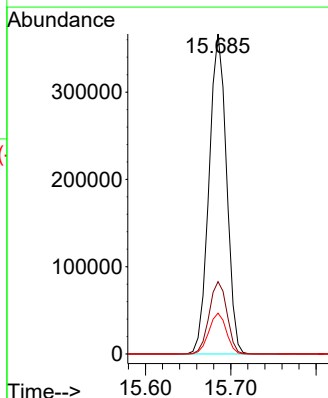
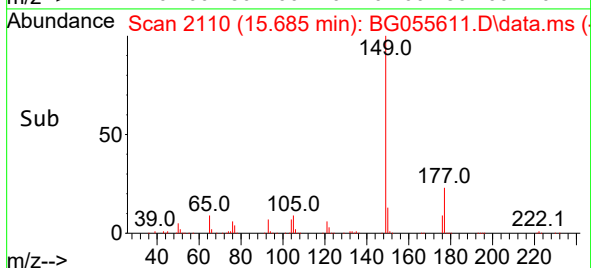
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

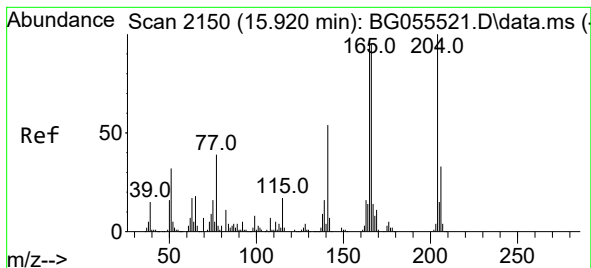


#60
Diethylphthalate
Concen: 43.098 ng
RT: 15.685 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



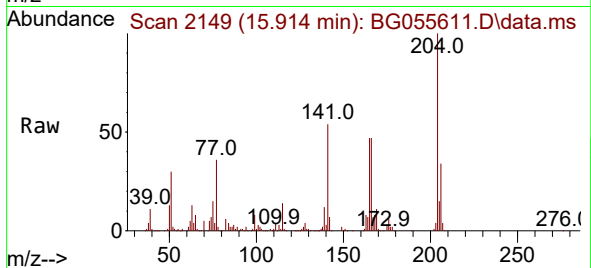
Tgt Ion:149 Resp: 520855
Ion Ratio Lower Upper
149 100
177 22.6 18.6 27.8
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.614 ng
RT: 15.914 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

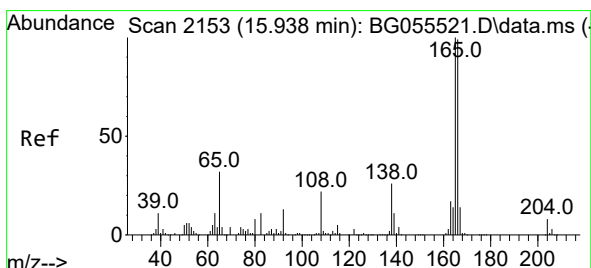
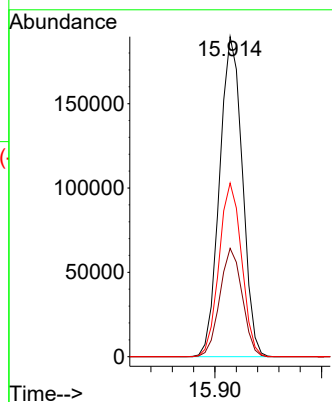
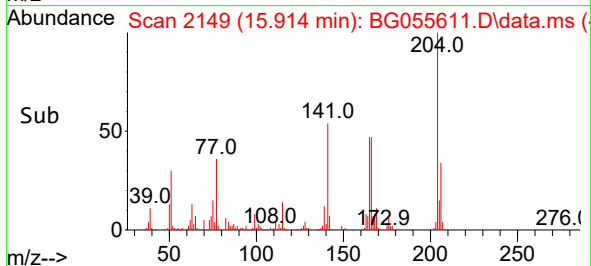
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



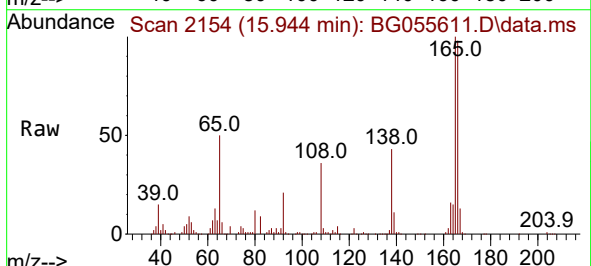
Tgt Ion:204 Resp: 281608
Ion Ratio Lower Upper
204 100
206 33.9 26.8 40.2
141 54.2 43.1 64.7

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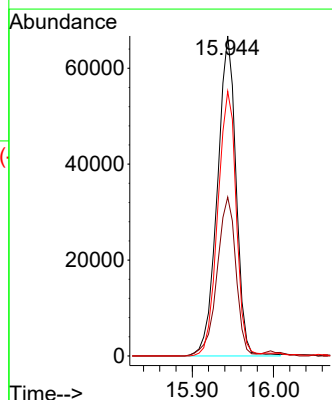
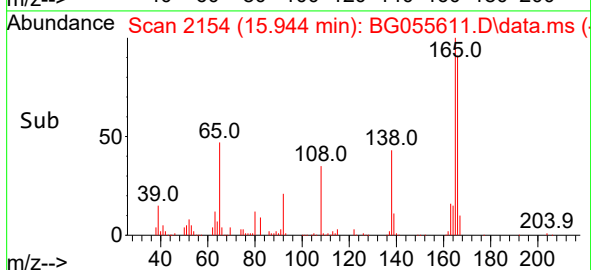
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

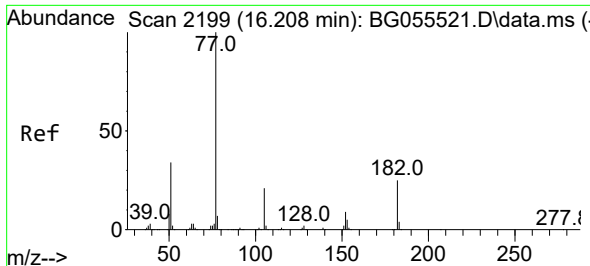


#62
4-Nitroaniline
Concen: 45.364 ng
RT: 15.944 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



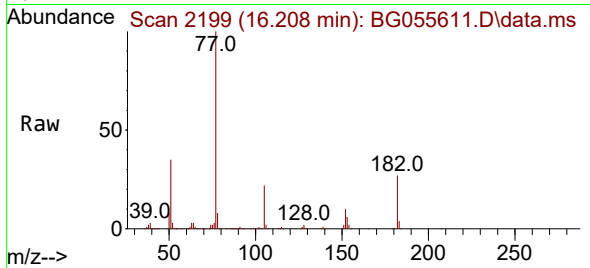
Tgt Ion:138 Resp: 106845
Ion Ratio Lower Upper
138 100
92 49.7 30.6 70.6
108 82.7 64.0 104.0





#63
Azobenzene
Concen: 40.567 ng
RT: 16.208 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

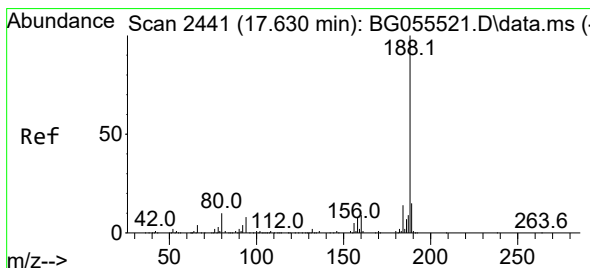
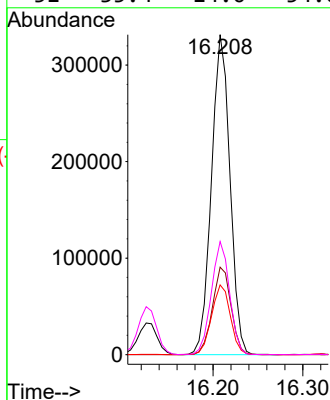
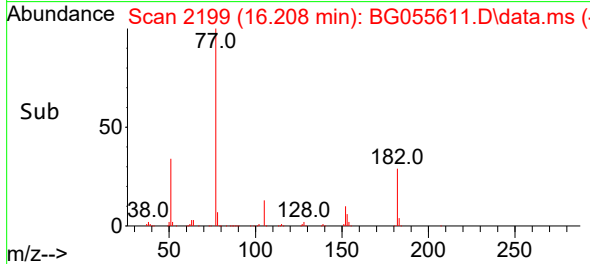
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion: 77	Resp: 47521
Ion Ratio	Lower Upper
77 100	
182 27.3	4.6 44.6
105 21.8	1.2 41.2
51 35.4	14.0 54.0

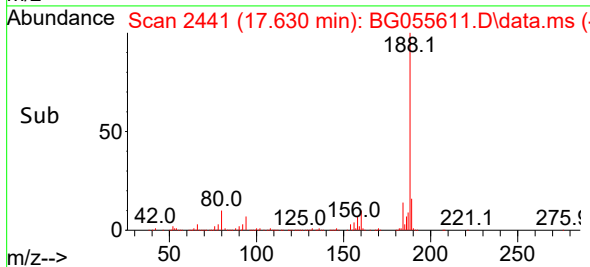
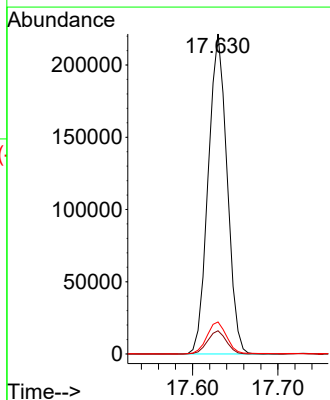
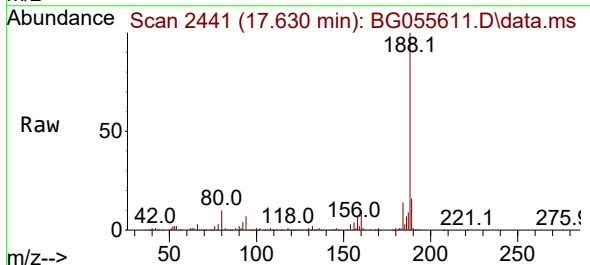
Manual Integrations
APPROVED

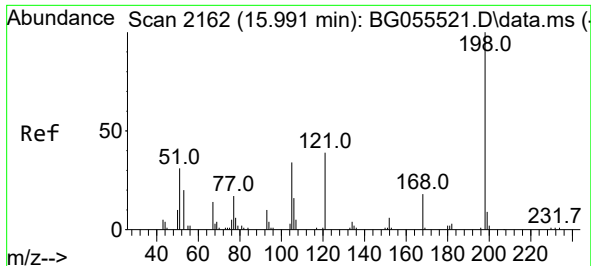
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:188	Resp: 339666
Ion Ratio	Lower Upper
188 100	
94 7.3	6.4 9.6
80 10.0	7.6 11.4





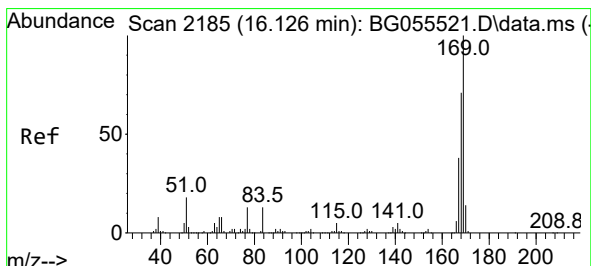
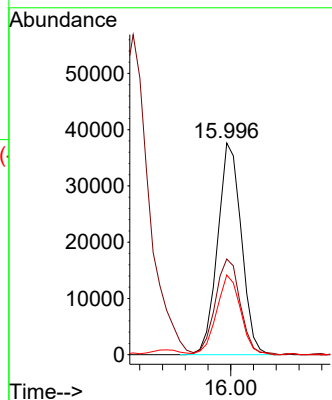
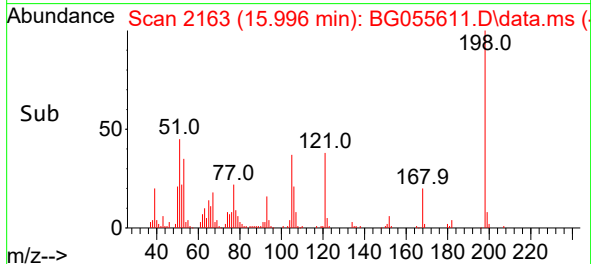
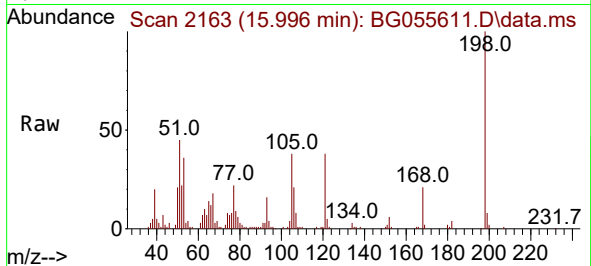
#65
4,6-Dinitro-2-methylphenol
Concen: 49.304 ng
RT: 15.996 min Scan# 2162
Delta R.T. 0.005 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Tgt Ion:198 Resp: 5446
Ion Ratio Lower Upper
198 100
51 45.2 24.7 64.7
105 37.7 17.6 57.6

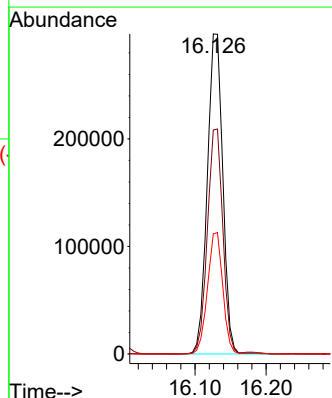
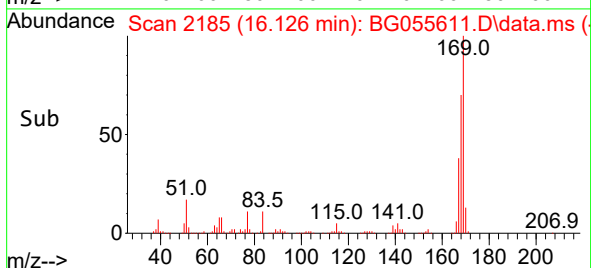
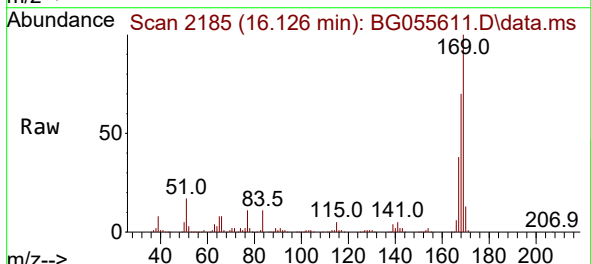
Manual Integrations
APPROVED

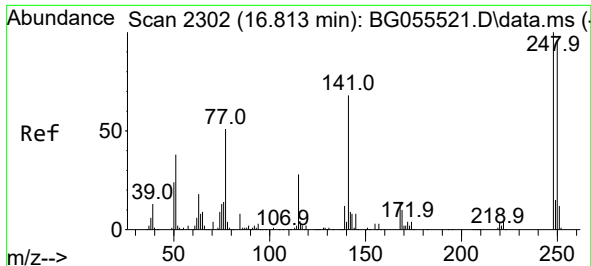
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#66
n-Nitrosodiphenylamine
Concen: 47.452 ng
RT: 16.126 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:169 Resp: 451529
Ion Ratio Lower Upper
169 100
168 70.0 57.0 85.4
167 37.6 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 52.757 ng
RT: 16.807 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

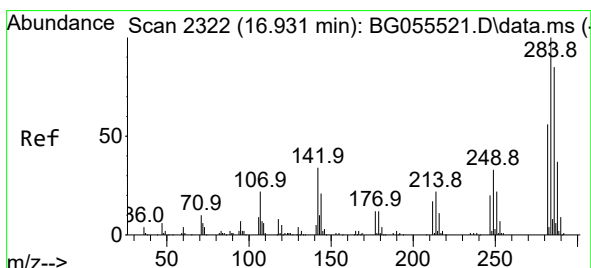
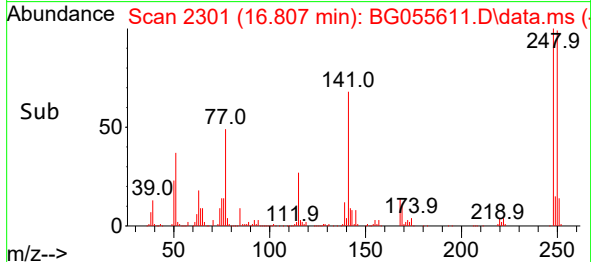
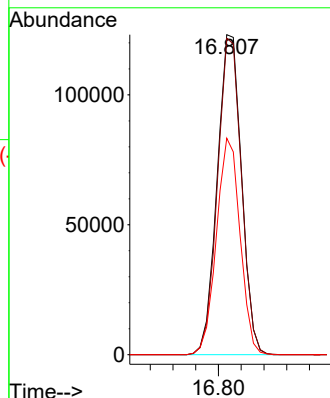
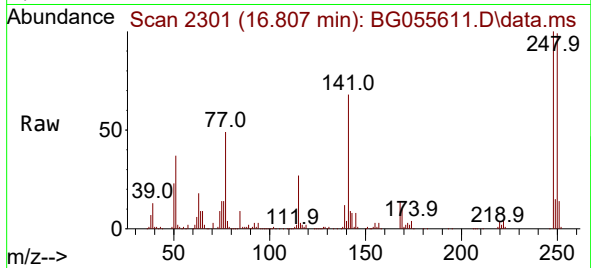
SB-25MSD

Tgt Ion:248 Resp: 182809
Ion Ratio Lower Upper
248 100
250 98.9 76.9 115.3
141 67.7 54.3 81.5

Manual Integrations

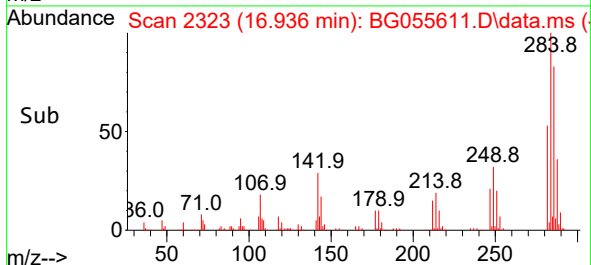
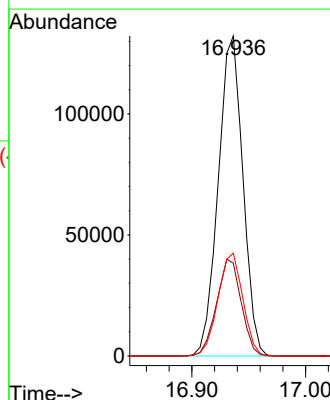
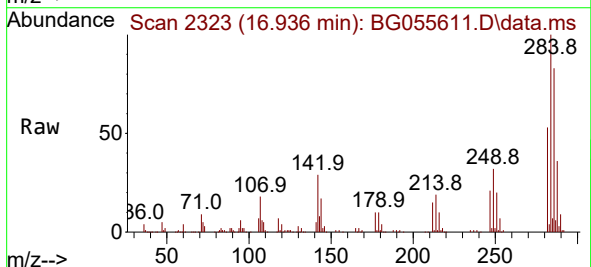
APPROVED

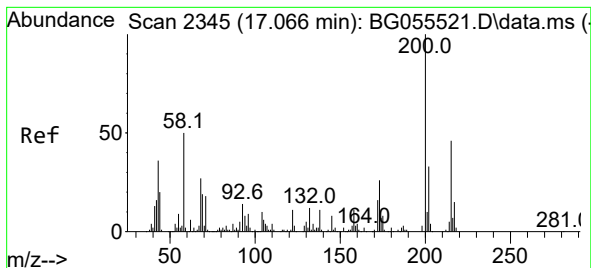
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#68
Hexachlorobenzene
Concen: 48.376 ng
RT: 16.936 min Scan# 2323
Delta R.T. 0.005 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:284 Resp: 199290
Ion Ratio Lower Upper
284 100
142 29.0 27.2 40.8
249 32.2 26.6 39.8





#69

Atrazine

Concen: 53.100 ng

RT: 17.066 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

SB-25MSD

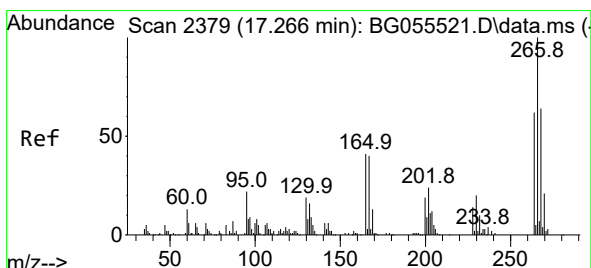
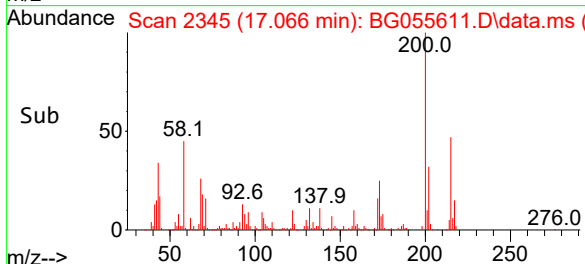
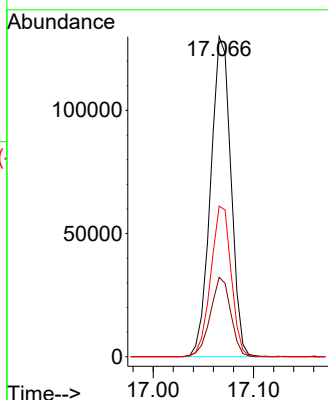
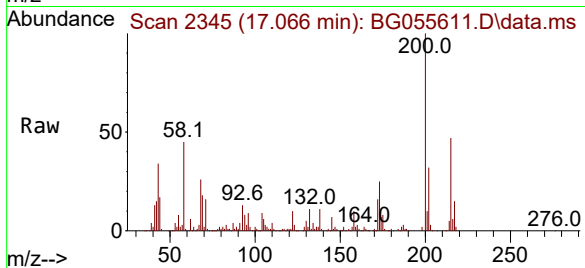
Tgt Ion:200 Resp: 18285
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.3 46.3
 215 47.0 26.4 66.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022



#70

Pentachlorophenol

Concen: 110.594 ng

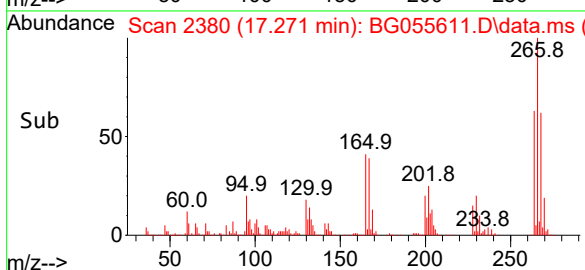
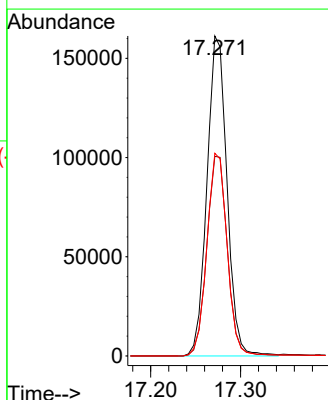
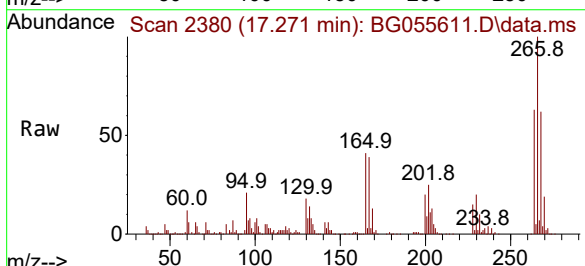
RT: 17.271 min Scan# 2380

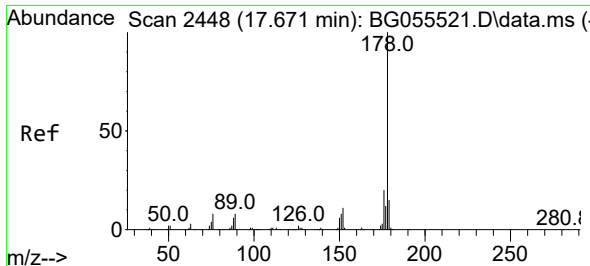
Delta R.T. 0.005 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

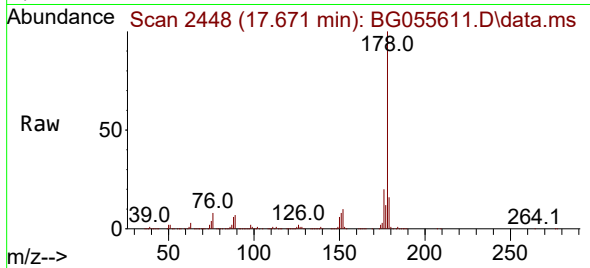
Tgt Ion:266 Resp: 249603
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.4 77.0
 264 63.3 49.5 74.3





#71
Phenanthrene
Concen: 43.998 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

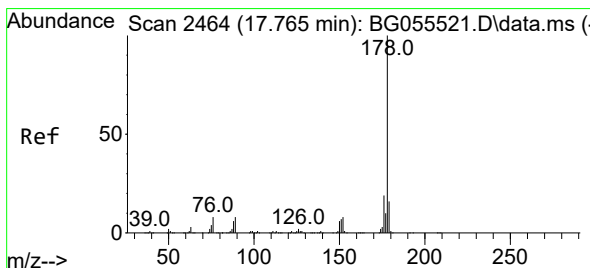
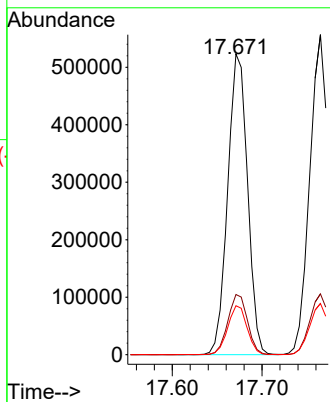
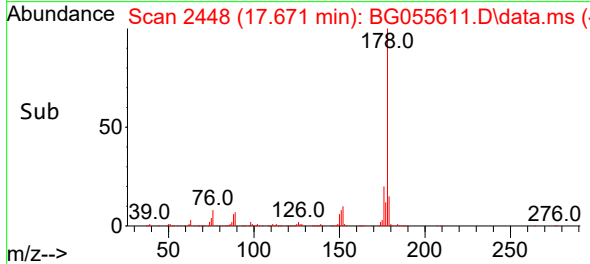
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:178 Resp: 80318
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.3 12.2 18.4

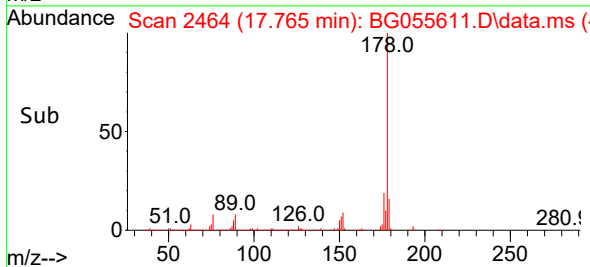
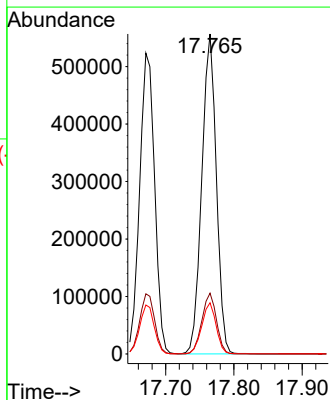
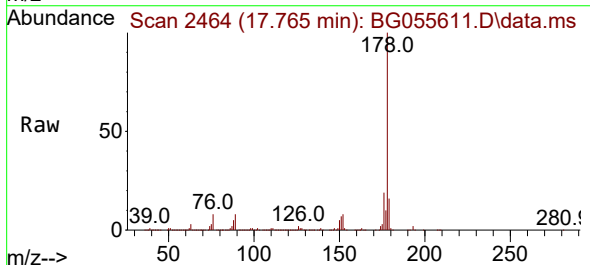
Manual Integrations
APPROVED

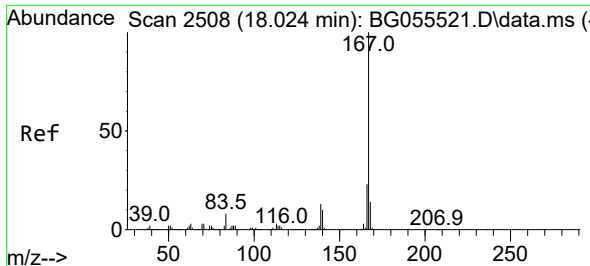
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#72
Anthracene
Concen: 46.083 ng
RT: 17.765 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

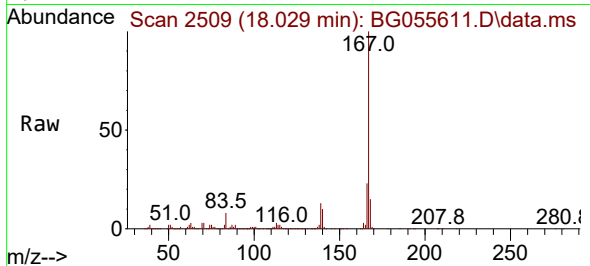
Tgt Ion:178 Resp: 824420
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 16.0 13.0 19.4





#73
 Carbazole
 Concen: 44.806 ng
 RT: 18.029 min Scan# 2509
 Delta R.T. 0.005 min
 Lab File: BG055611.D
 Acq: 14 Nov 2022 19:26

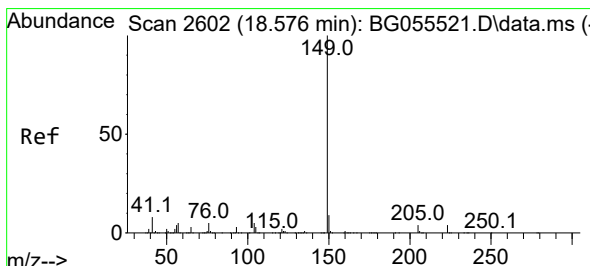
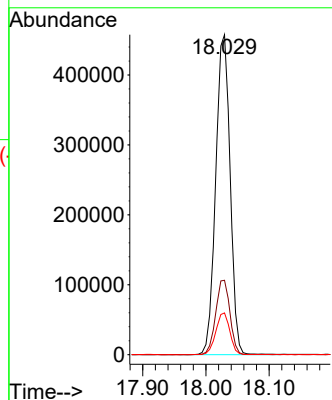
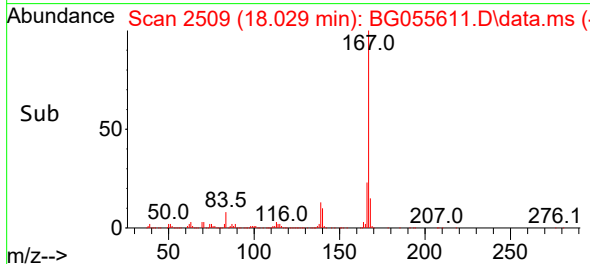
Instrument :
 BNA_G
 ClientSampleId :
 SB-25MSD



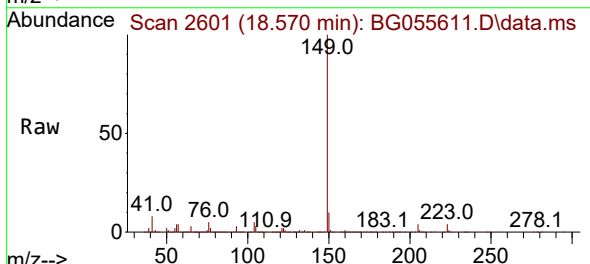
Tgt Ion:167 Resp: 724427
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 13.1 10.4 15.6

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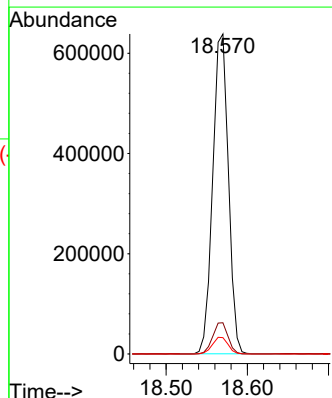
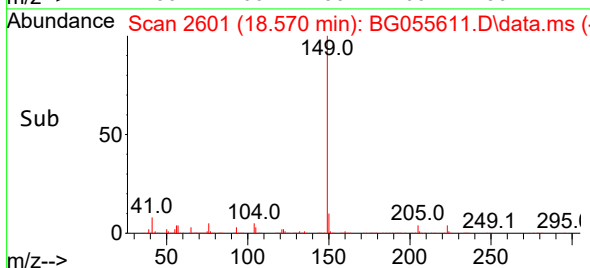
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

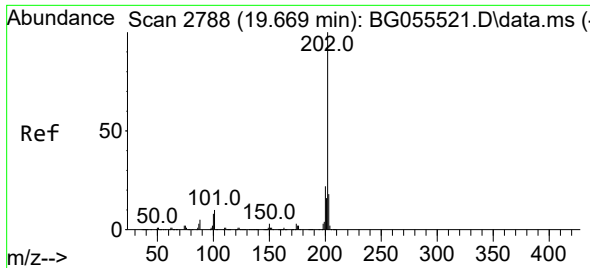


#74
 Di-n-butylphthalate
 Concen: 46.090 ng
 RT: 18.570 min Scan# 2601
 Delta R.T. -0.006 min
 Lab File: BG055611.D
 Acq: 14 Nov 2022 19:26



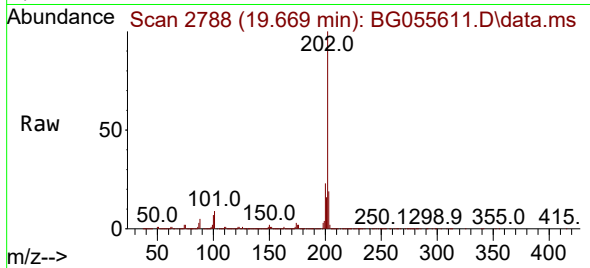
Tgt Ion:149 Resp: 854394
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 41.896 ng
RT: 19.669 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

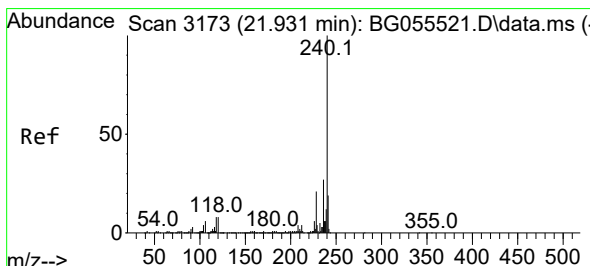
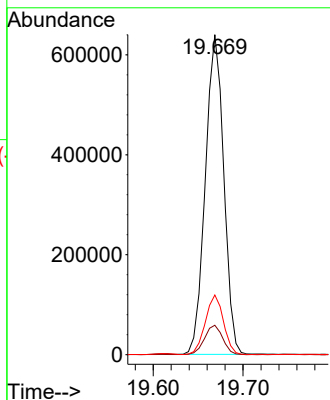
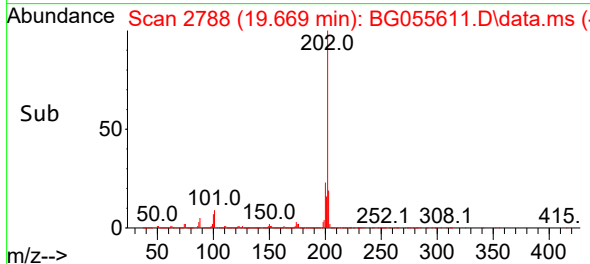
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:202 Resp: 912028
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.8
203 18.6 0.0 38.2

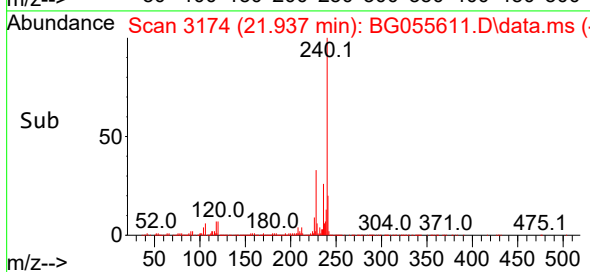
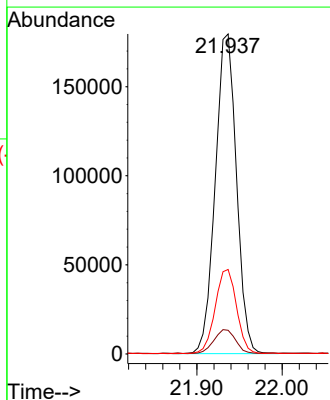
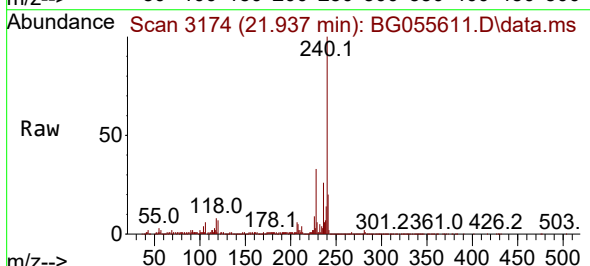
Manual Integrations
APPROVED

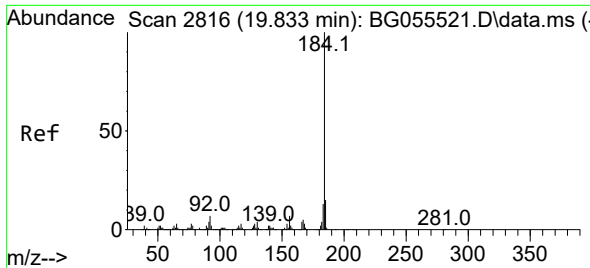
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

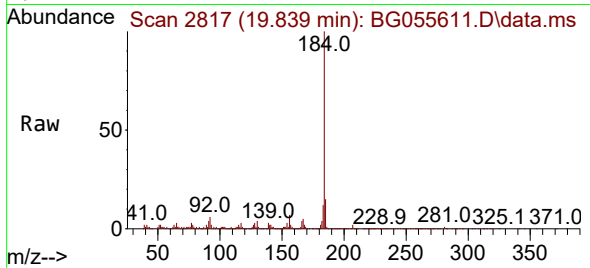
Tgt Ion:240 Resp: 309727
Ion Ratio Lower Upper
240 100
120 7.4 6.1 9.1
236 26.4 21.4 32.0





#77
Benzidine
Concen: 33.525 ng
RT: 19.839 min Scan# 2816
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

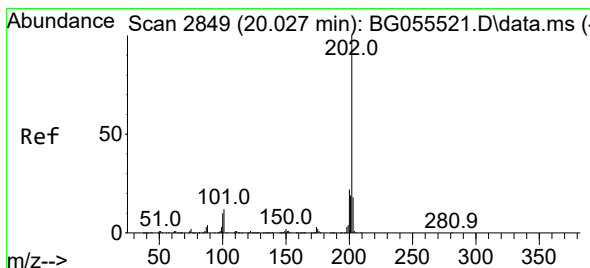
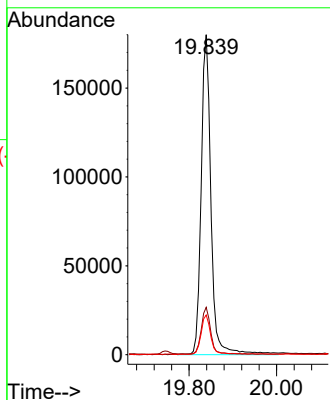
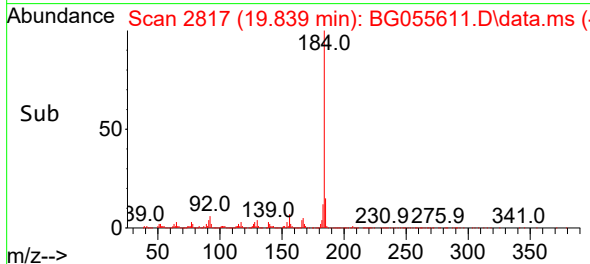
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



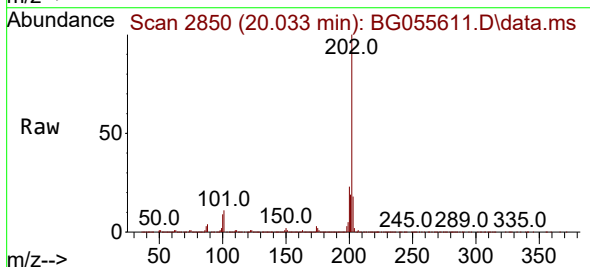
Tgt Ion:184 Resp: 280920
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 12.4 10.2 15.2

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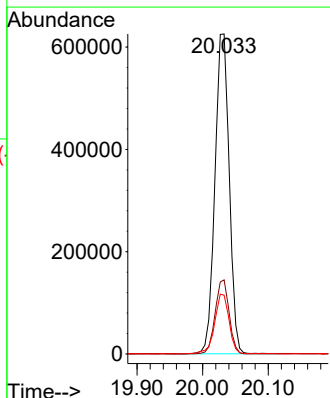
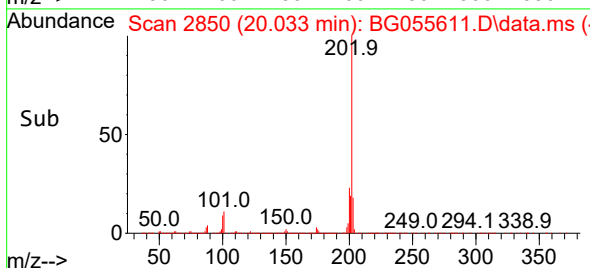
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

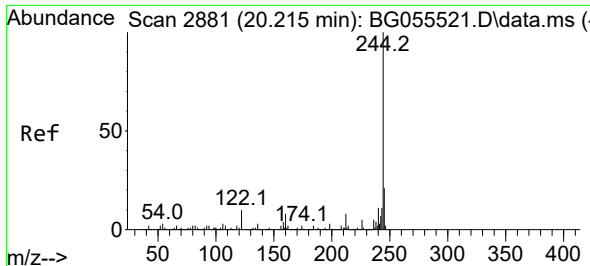


#78
Pyrene
Concen: 45.013 ng
RT: 20.033 min Scan# 2850
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



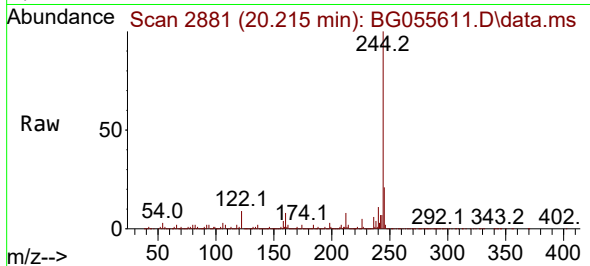
Tgt Ion:202 Resp: 943558
Ion Ratio Lower Upper
202 100
200 23.2 18.0 27.0
203 18.4 14.2 21.2





#79
 Terphenyl-d14
 Concen: 77.487 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055611.D
 Acq: 14 Nov 2022 19:26

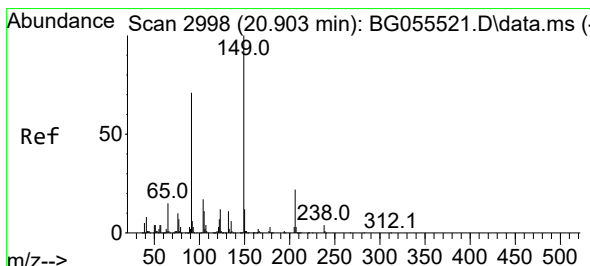
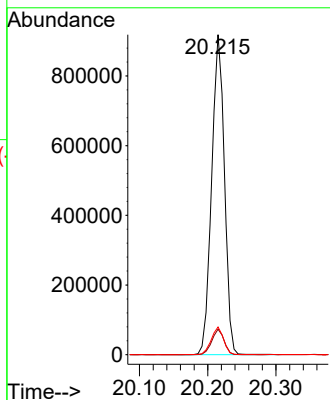
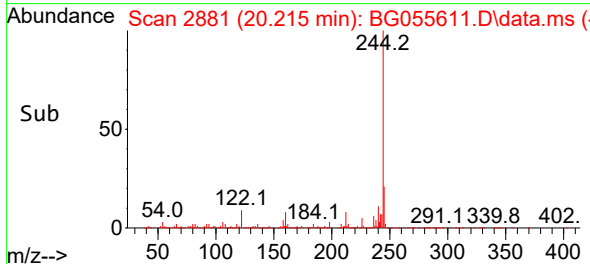
Instrument :
 BNA_G
 ClientSampleId :
 SB-25MSD



Tgt Ion:244 Resp: 119487
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.6 7.7 11.5

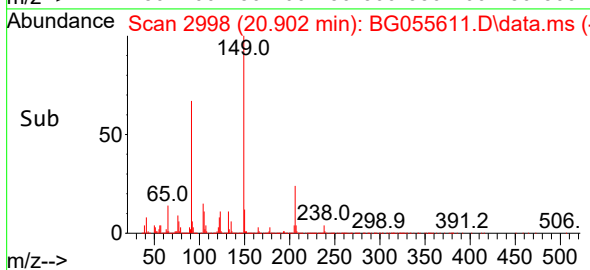
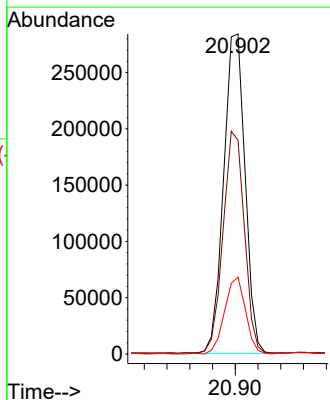
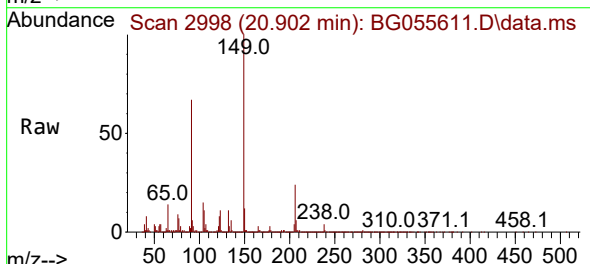
Manual Integrations
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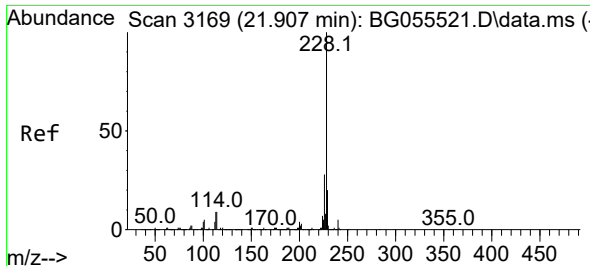
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022



#80
 Butylbenzylphthalate
 Concen: 46.641 ng
 RT: 20.902 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: BG055611.D
 Acq: 14 Nov 2022 19:26

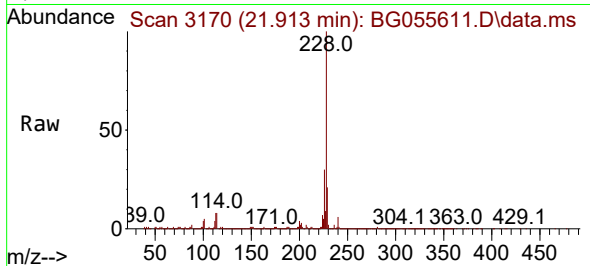
Tgt Ion:149 Resp: 371554
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.8 85.2
 206 24.0 17.3 25.9





#81
Benzo(a)anthracene
Concen: 44.579 ng
RT: 21.913 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

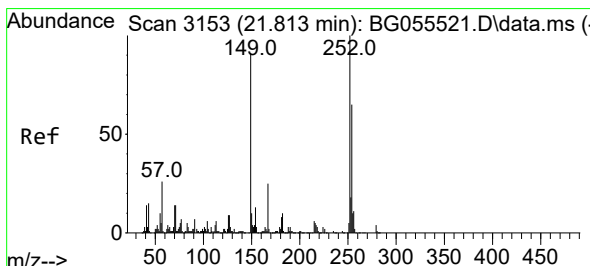
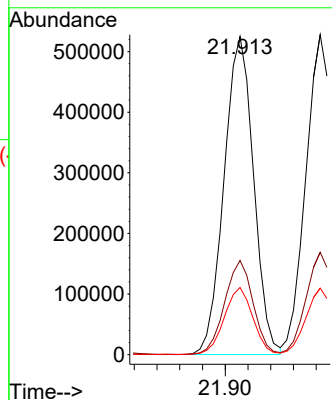
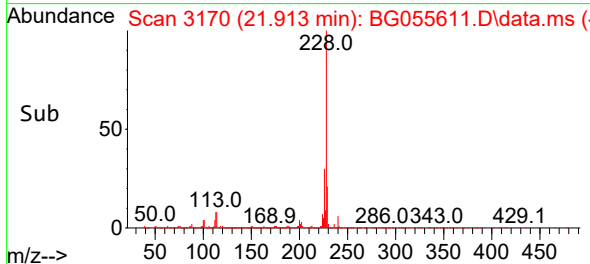
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



Tgt Ion:228 Resp: 94575
Ion Ratio Lower Upper
228 100
226 29.6 22.6 34.0
229 21.1 16.1 24.1

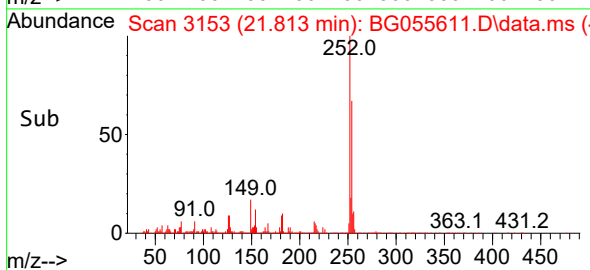
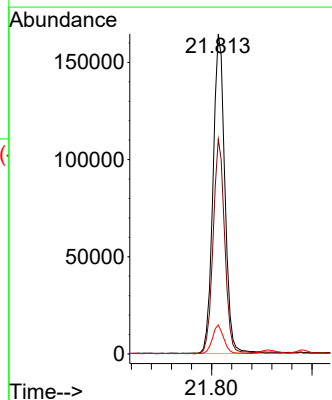
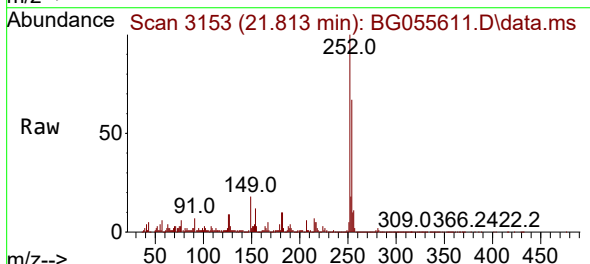
Manual Integrations
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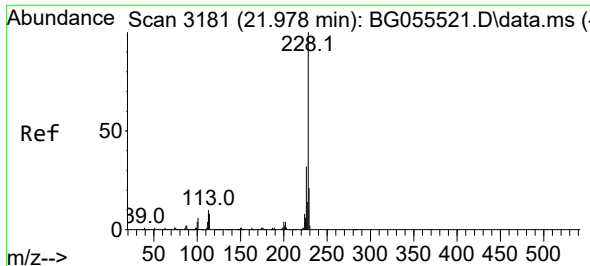
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.984 ng
RT: 21.813 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:252 Resp: 269916
Ion Ratio Lower Upper
252 100
254 67.1 52.2 78.2
126 9.1 6.9 10.3





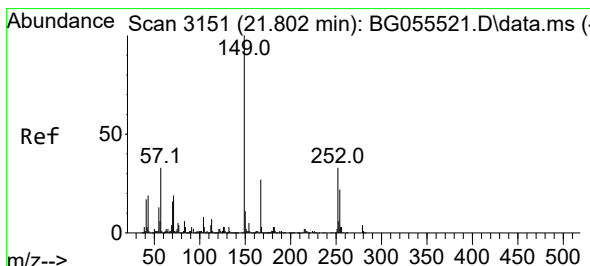
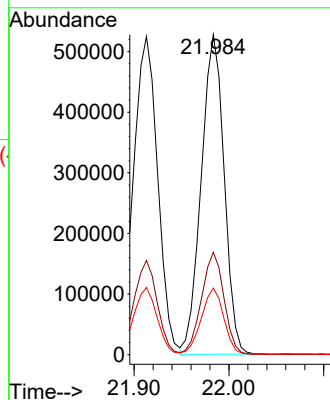
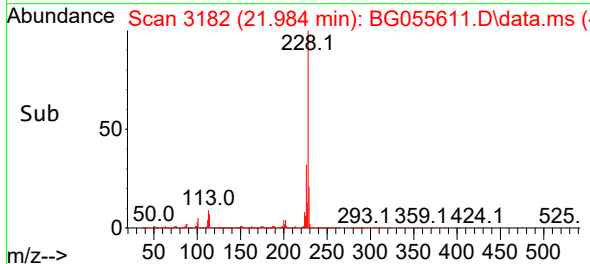
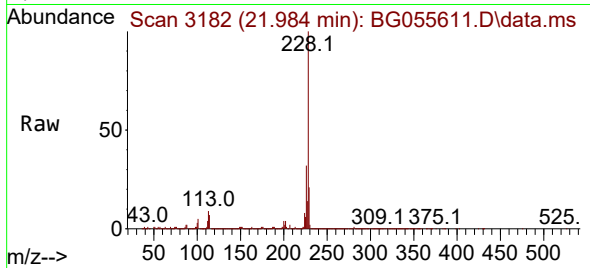
#83
Chrysene
Concen: 43.956 ng
RT: 21.984 min Scan# 3181
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Tgt Ion:228 Resp: 88674
Ion Ratio Lower Upper
228 100
226 32.0 25.7 38.5
229 20.8 16.6 25.0

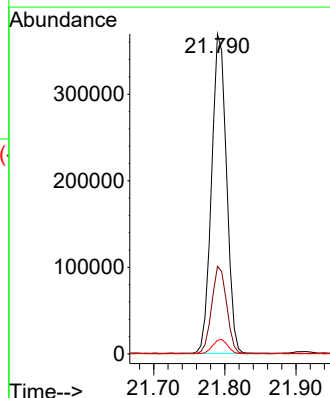
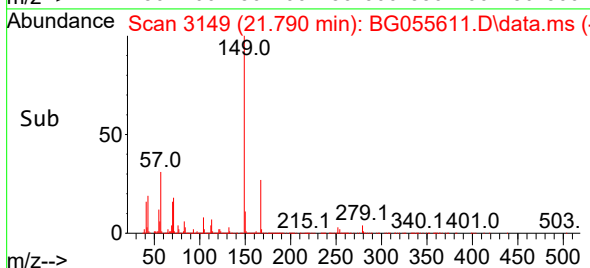
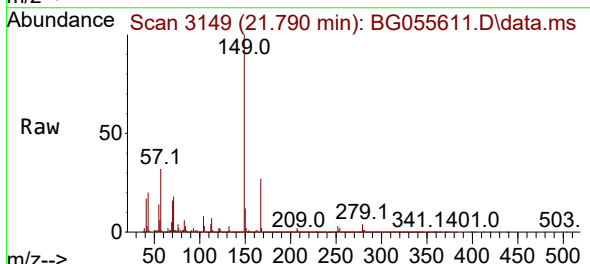
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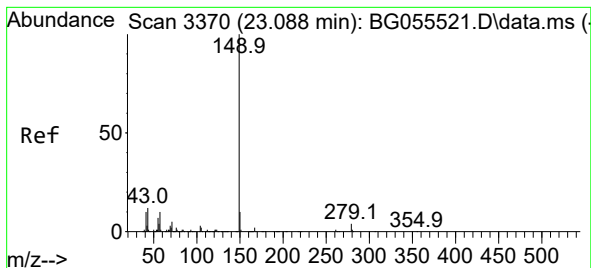
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.857 ng
RT: 21.790 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Tgt Ion:149 Resp: 538023
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.2
279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 50.104 ng

RT: 23.076 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

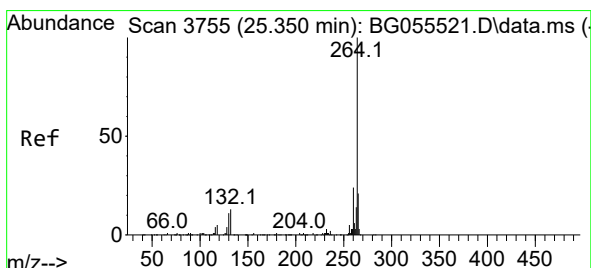
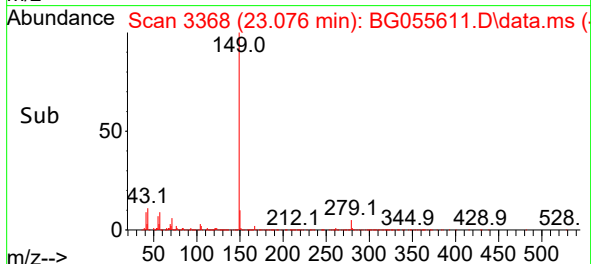
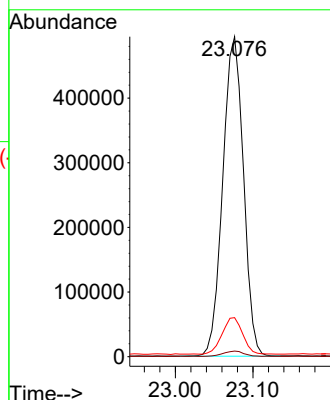
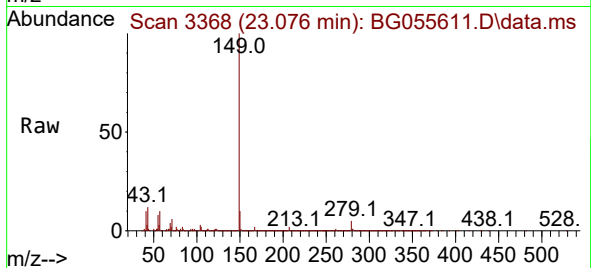
SB-25MSD

Tgt Ion:149 Resp: 916008
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.4 9.3 13.9

Manual Integrations

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



#86

Perylene-d12

Concen: 20.000 ng

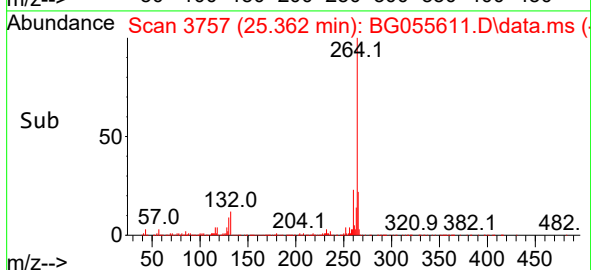
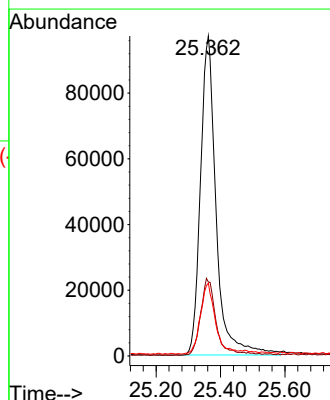
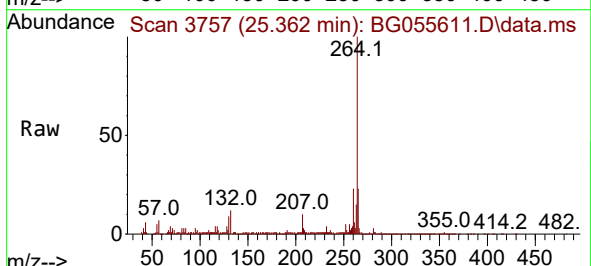
RT: 25.362 min Scan# 3757

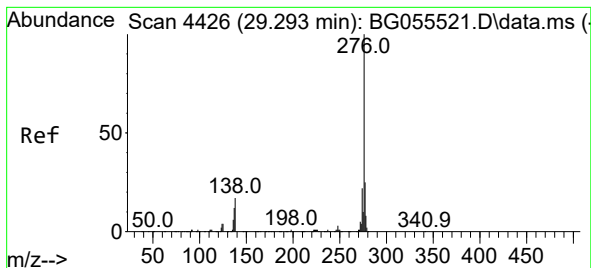
Delta R.T. 0.012 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Tgt Ion:264 Resp: 327253
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 22.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.783 ng

RT: 29.310 min Scan# 4426

Delta R.T. 0.017 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

SB-25MSD

Tgt Ion:276 Resp: 91682

Ion Ratio Lower Upper

276 100

138 8.4 11.5 17.3

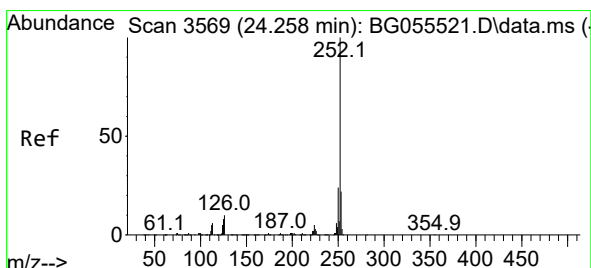
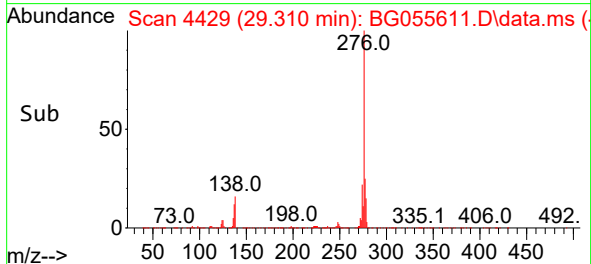
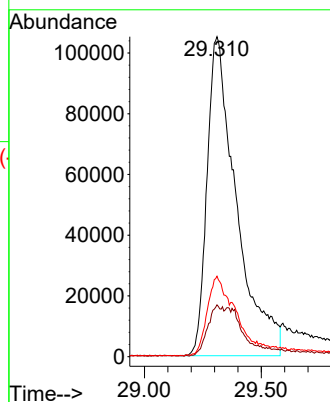
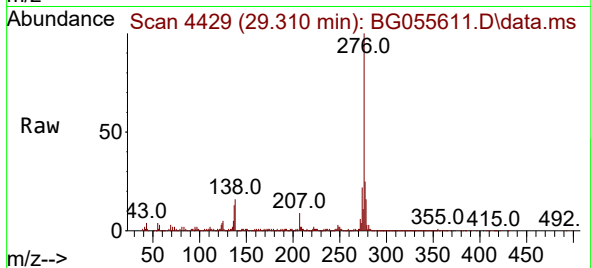
277 24.3 20.4 30.6

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: 46.690 ng

RT: 24.269 min Scan# 3571

Delta R.T. 0.011 min

Lab File: BG055611.D

Acq: 14 Nov 2022 19:26

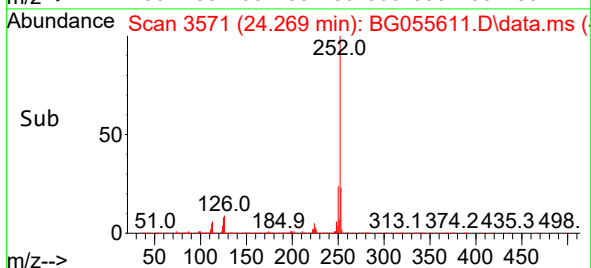
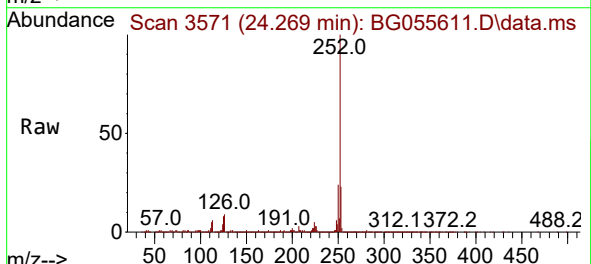
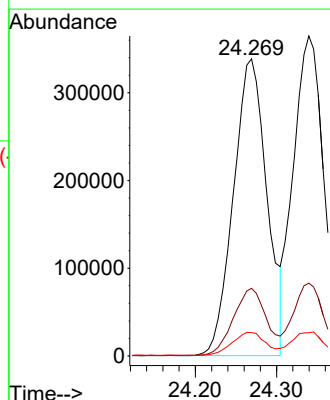
Tgt Ion:252 Resp: 968120

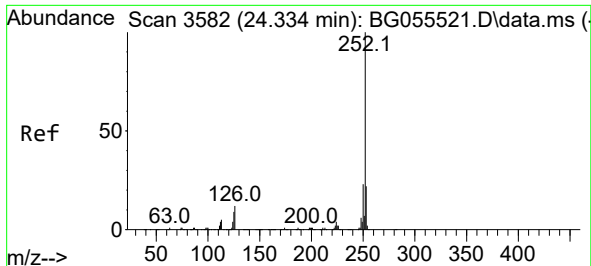
Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 7.8 6.7 10.1





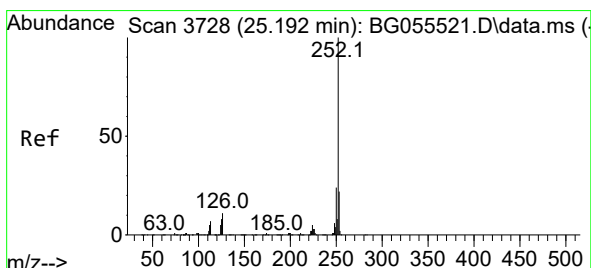
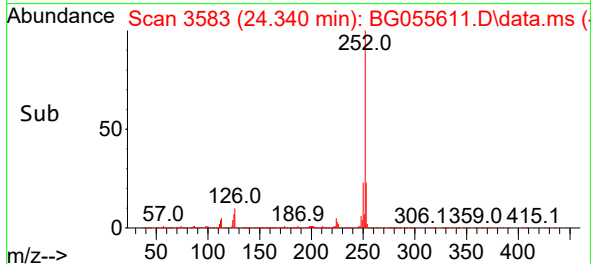
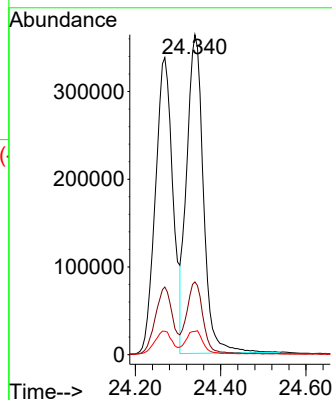
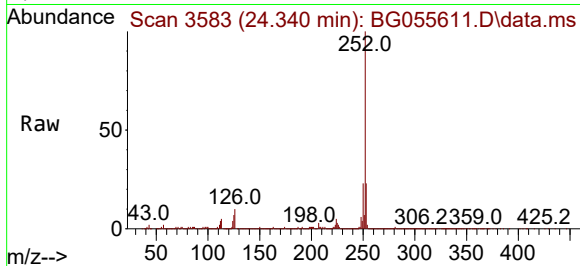
#89
Benzo(k)fluoranthene
Concen: 46.548 ng
RT: 24.340 min Scan# 3582
Delta R.T. 0.006 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

Instrument :
BNA_G
ClientSampleId :
SB-25MSD

Tgt Ion:252 Resp: 986739
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.3 6.9 10.3

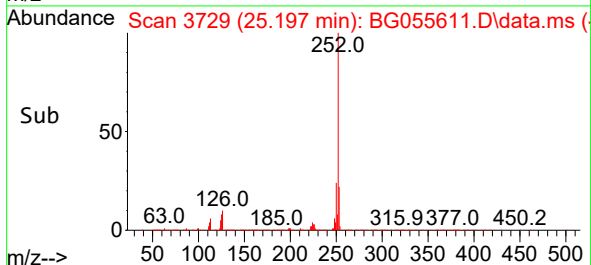
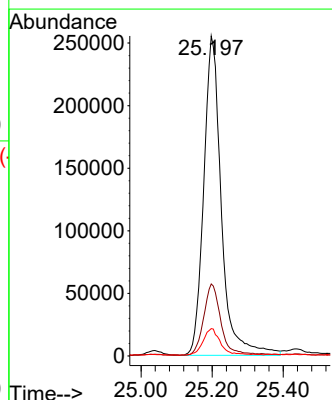
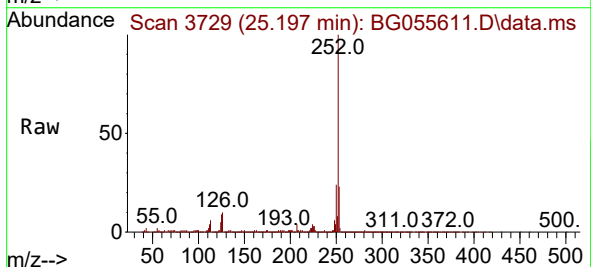
Manual Integrations
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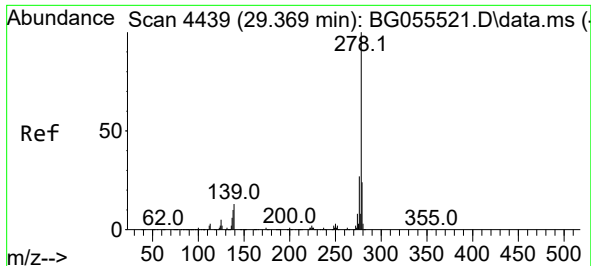
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#90
Benzo(a)pyrene
Concen: 49.347 ng
RT: 25.197 min Scan# 3729
Delta R.T. 0.005 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

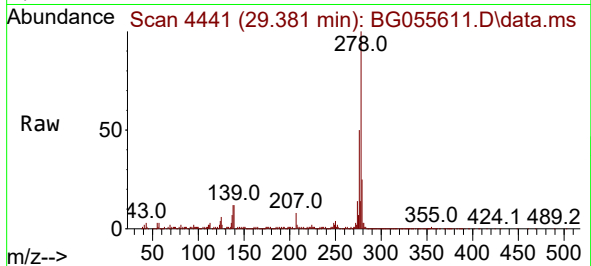
Tgt Ion:252 Resp: 881393
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 8.6 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 38.977 ng
RT: 29.381 min Scan# 4439
Delta R.T. 0.012 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26

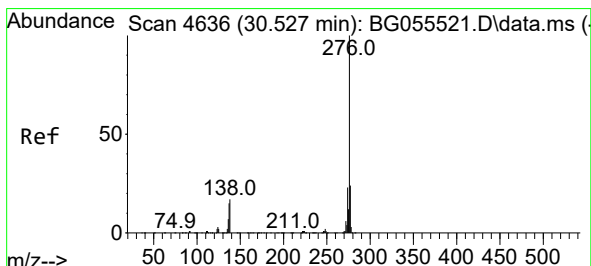
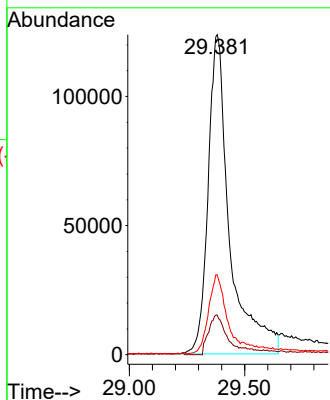
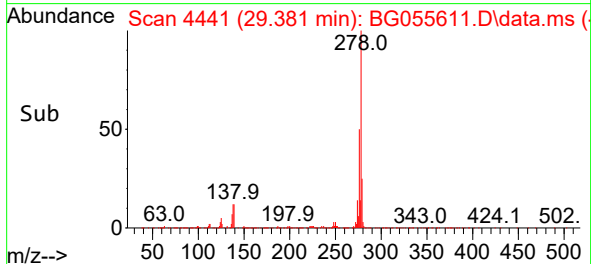
Instrument :
BNA_G
ClientSampleId :
SB-25MSD



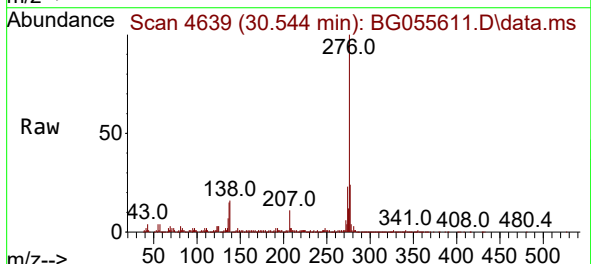
Tgt Ion:278 Resp: 80418
Ion Ratio Lower Upper
278 100
139 12.4 10.6 15.8
279 25.0 19.4 29.2

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



#92
Benzo(g,h,i)perylene
Concen: 33.319 ng
RT: 30.544 min Scan# 4639
Delta R.T. 0.017 min
Lab File: BG055611.D
Acq: 14 Nov 2022 19:26



Tgt Ion:276 Resp: 672009
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 15.9 13.9 20.9

