

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055711.D
 Acq On : 21 Nov 2022 11:53
 Operator : CG/JU
 Sample : PB149157BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149157BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 02:01:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	37860	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	173309	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	132762	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	309982	20.000	ng	0.00
76) Chrysene-d12	21.916	240	285112	20.000	ng	0.00
86) Perylene-d12	25.324	264	298804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	291505	139.171	ng	0.00
7) Phenol-d6	7.398	99	384340	137.844	ng	0.00
23) Nitrobenzene-d5	9.425	82	236996	72.278	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	221735	118.609	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	624487	70.469	ng	0.00
79) Terphenyl-d14	20.200	244	1119062	78.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.608	88	28413	31.742	ng	95
3) Pyridine	4.019	79	80529	29.326	ng	97
4) n-Nitrosodimethylamine	3.931	42	56979	39.192	ng	98
6) Aniline	7.562	93	148257	42.333	ng	98
8) 2-Chlorophenol	7.809	128	111768	46.677	ng	98
9) Benzaldehyde	7.374	77	67020	35.393	ng	98
10) Phenol	7.427	94	141727	45.397	ng	99
11) bis(2-Chloroethyl)ether	7.650	93	97326	40.679	ng	98
12) 1,3-Dichlorobenzene	8.138	146	113838	40.436	ng	98
13) 1,4-Dichlorobenzene	8.285	146	114254	40.162	ng	98
14) 1,2-Dichlorobenzene	8.608	146	112475	41.259	ng	99
15) Benzyl Alcohol	8.485	79	105926m	46.745	ng	
16) 2,2'-oxybis(1-Chloropr...	8.773	45	180607m	41.700	ng	
17) 2-Methylphenol	8.684	107	102754	46.359	ng	98
18) Hexachloroethane	9.343	117	40460	41.322	ng	98
19) n-Nitroso-di-n-propyla...	9.055	70	89569	41.810	ng	99
20) 3+4-Methylphenols	9.019	107	140309	45.316	ng	98
22) Acetophenone	9.078	105	169791	37.703	ng	# 97
24) Nitrobenzene	9.466	77	127827	37.322	ng	99
25) Isophorone	9.989	82	249187	40.109	ng	99
26) 2-Nitrophenol	10.177	139	63974	40.462	ng	93
27) 2,4-Dimethylphenol	10.230	122	115853m	48.145	ng	
28) bis(2-Chloroethoxy)met...	10.465	93	141909	42.547	ng	99
29) 2,4-Dichlorophenol	10.717	162	121962	42.345	ng	98
30) 1,2,4-Trichlorobenzene	10.935	180	123663	36.957	ng	99
31) Naphthalene	11.129	128	341951	36.499	ng	99
32) Benzoic acid	10.377	122	73608	37.180	ng	99
33) 4-Chloroaniline	11.229	127	118947	30.777	ng	98
34) Hexachlorobutadiene	11.405	225	84262	36.879	ng	95
35) Caprolactam	12.004	113	40523m	40.657	ng	
36) 4-Chloro-3-methylphenol	12.339	107	133701	42.236	ng	98
37) 2-Methylnaphthalene	12.715	142	264517	37.708	ng	98
38) 1-Methylnaphthalene	12.932	142	247447	36.336	ng	99
40) 1,2,4,5-Tetrachloroben...	13.079	216	155843	37.354	ng	99
41) Hexachlorocyclopentadiene	13.056	237	191743	91.186	ng	100
43) 2,4,6-Trichlorophenol	13.314	196	110650	38.880	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.391	196	121802	38.945	ng	97
46) 1,1'-Biphenyl	13.708	154	363161	37.538	ng	99
47) 2-Chloronaphthalene	13.761	162	278162	36.991	ng	99
48) 2-Nitroaniline	13.955	65	95066	38.452	ng	97
49) Acenaphthylene	14.601	152	454952	36.741	ng	100
50) Dimethylphthalate	14.313	163	389229	36.778	ng	99
51) 2,6-Dinitrotoluene	14.437	165	83373	38.528	ng	97
52) Acenaphthene	14.936	154	331831m	41.002	ng	
53) 3-Nitroaniline	14.771	138	70563	29.705	ng	98
54) 2,4-Dinitrophenol	14.983	184	104976	84.374	ng	94
55) Dibenzofuran	15.271	168	457325	36.630	ng	99
56) 4-Nitrophenol	15.077	139	141852	76.084	ng	97
57) 2,4-Dinitrotoluene	15.224	165	119473	39.159	ng	97
58) Fluorene	15.917	166	360202	36.123	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.494	232	111613	36.831	ng	99
60) Diethylphthalate	15.670	149	387522	36.217	ng	100
61) 4-Chlorophenyl-phenyle...	15.900	204	205907	37.565	ng	99
62) 4-Nitroaniline	15.935	138	90725	36.536	ng	96
63) Azobenzene	16.193	77	335730	35.940	ng	99
65) 4,6-Dinitro-2-methylph...	15.988	198	70401	40.673	ng	98
66) n-Nitrosodiphenylamine	16.111	169	328407	38.443	ng	98
67) 4-Bromophenyl-phenylether	16.793	248	136361	38.608	ng	99
68) Hexachlorobenzene	16.922	284	152481	38.935	ng	95
69) Atrazine	17.051	200	140356	41.542	ng	99
70) Pentachlorophenol	17.263	266	180303	75.261	ng	98
71) Phenanthrene	17.656	178	613725	36.689	ng	99
72) Anthracene	17.750	178	619899	38.140	ng	99
73) Carbazole	18.015	167	557761	38.173	ng	100
74) Di-n-butylphthalate	18.549	149	675219	37.216	ng	99
75) Fluoranthene	19.654	202	714710	35.120	ng	99
77) Benzidine	19.824	184	393938	59.725	ng	99
78) Pyrene	20.012	202	728840	37.766	ng	99
80) Butylbenzylphthalate	20.882	149	287082	37.999	ng	96
81) Benzo(a)anthracene	21.893	228	727872	37.066	ng	100
82) 3,3'-Dichlorobenzidine	21.799	252	238288	34.533	ng	97
83) Chrysene	21.963	228	685366	36.661	ng	98
84) Bis(2-ethylhexyl)phtha...	21.763	149	413217	38.058	ng	100
85) Di-n-octyl phthalate	23.038	149	710775	38.253	ng	99
87) Indeno(1,2,3-cd)pyrene	29.266	276	865125	35.342	ng	# 94
88) Benzo(b)fluoranthene	24.237	252	764541	39.288	ng	99
89) Benzo(k)fluoranthene	24.313	252	745205	38.417	ng	100
90) Benzo(a)pyrene	25.165	252	677396	40.565	ng	100
91) Dibenzo(a,h)anthracene	29.331	278	744185	37.203	ng	99
92) Benzo(g,h,i)perylene	30.500	276	725487	35.985	ng	99

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

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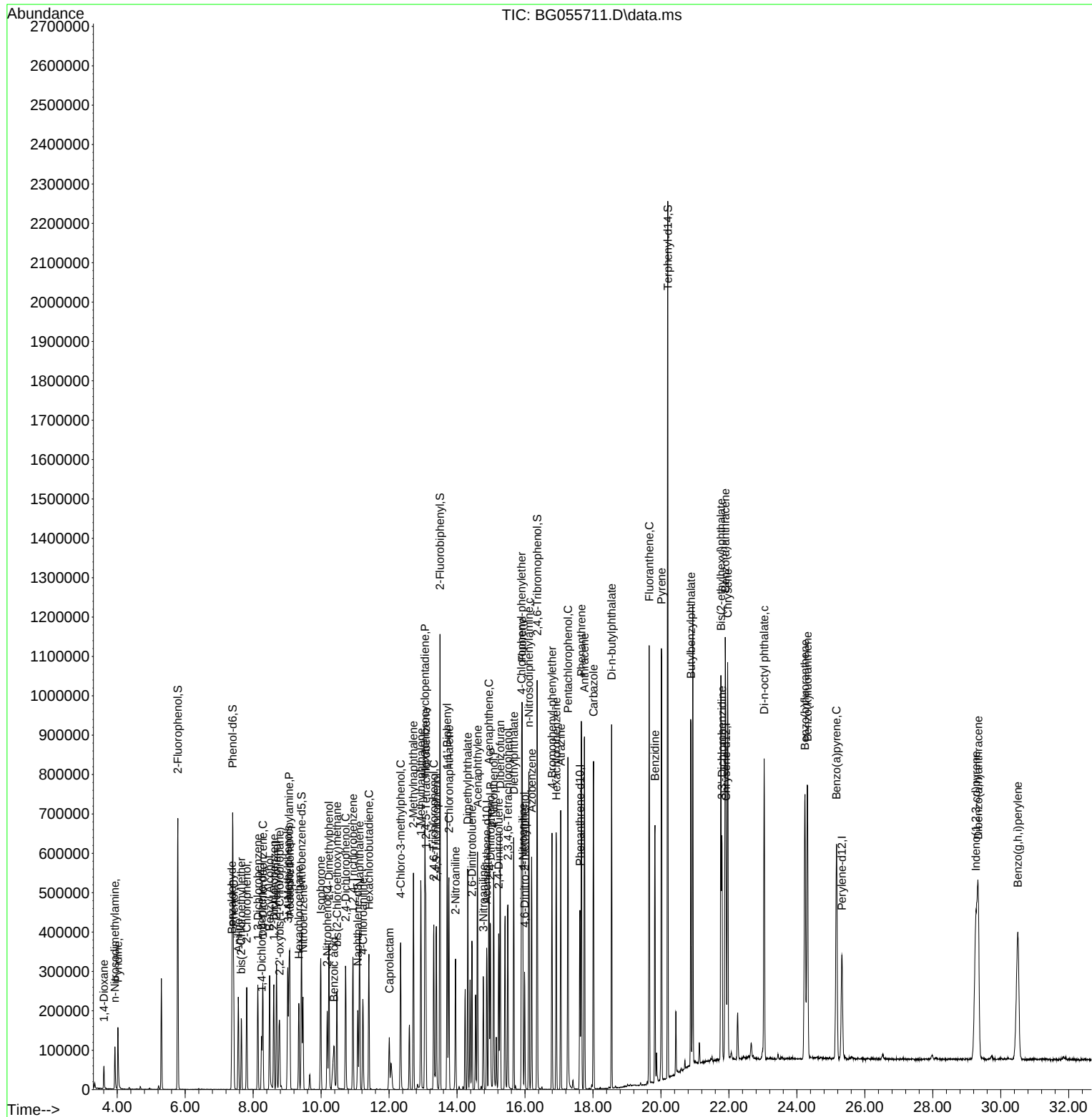
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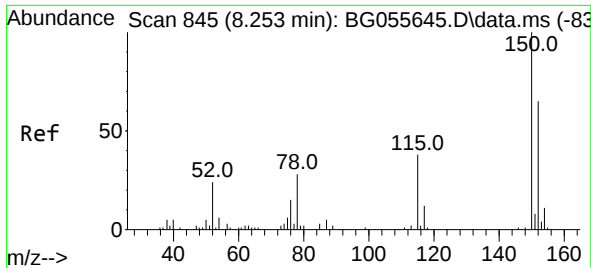
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 17 02:02:46 2022

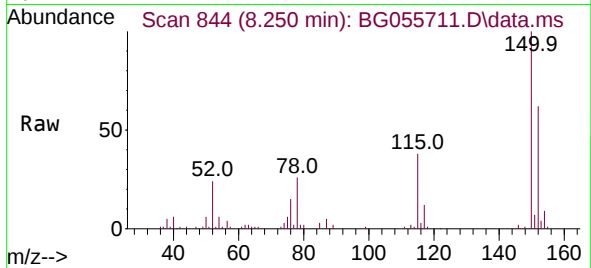
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

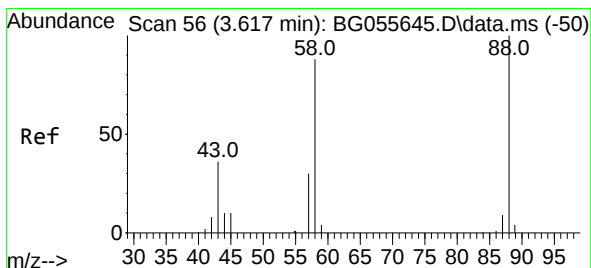
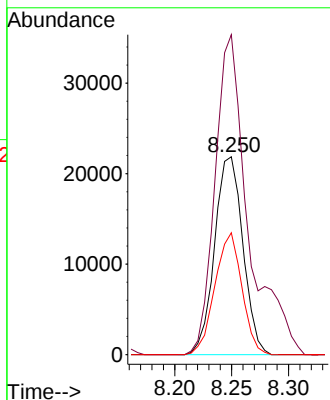
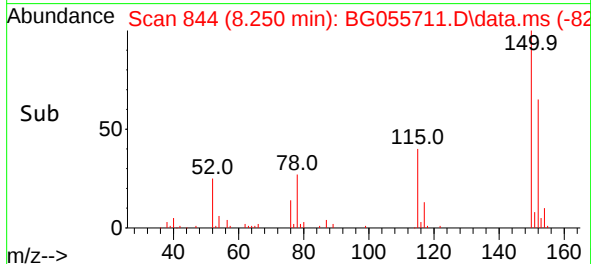
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Tgt Ion:152 Resp: 37860
Ion Ratio Lower Upper
152 100
150 161.8 123.0 184.6
115 61.6 47.0 70.4

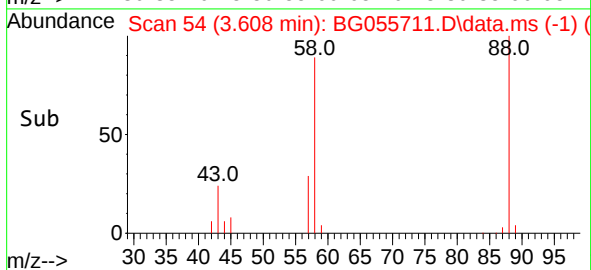
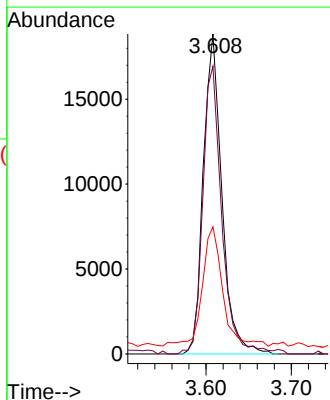
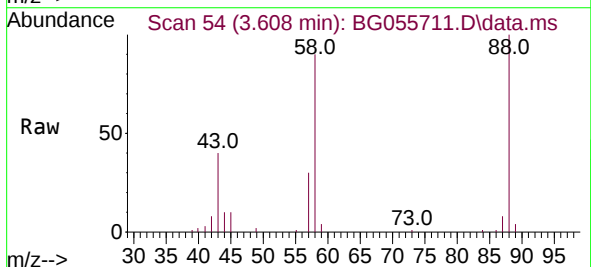
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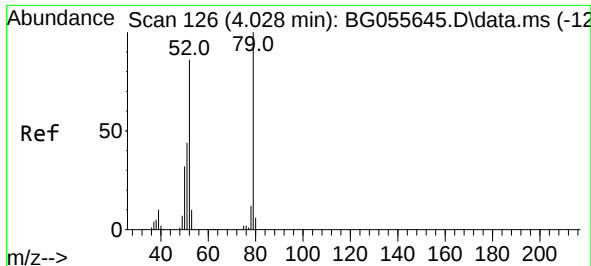
Reviewed By :Christian Giraldo 11/22/2022
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#2
1,4-Dioxane
Concen: 31.742 ng
RT: 3.608 min Scan# 54
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

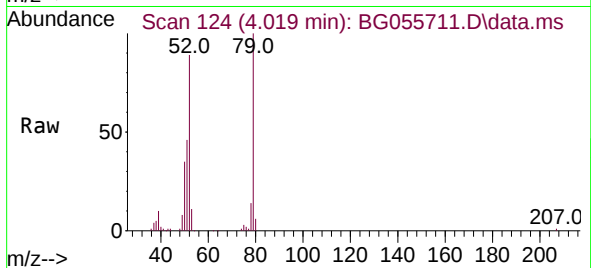
Tgt Ion: 88 Resp: 28413
Ion Ratio Lower Upper
88 100
58 92.5 71.3 106.9
43 41.2 28.6 43.0





#3
Pyridine
Concen: 29.326 ng
RT: 4.019 min Scan# 110
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

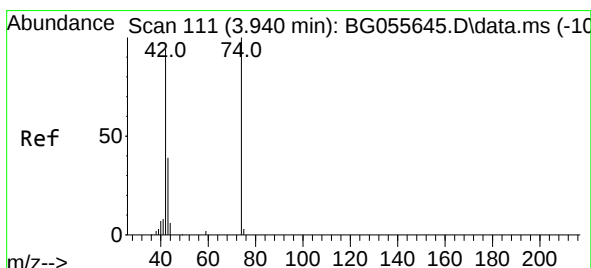
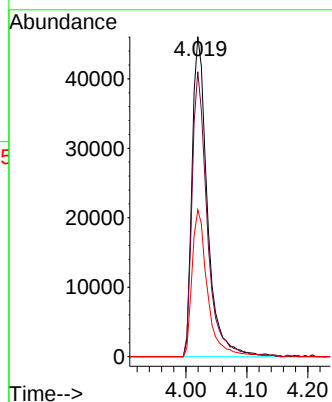
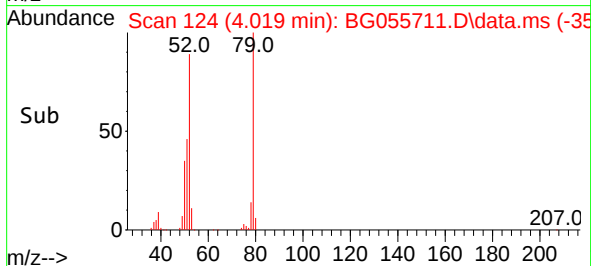
Instrument :
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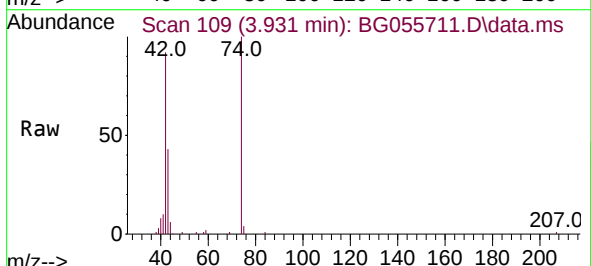
Tgt Ion: 79 Resp: 80529
Ion Ratio Lower Upper
79 100
52 89.0 68.9 103.3
51 45.9 34.8 52.2

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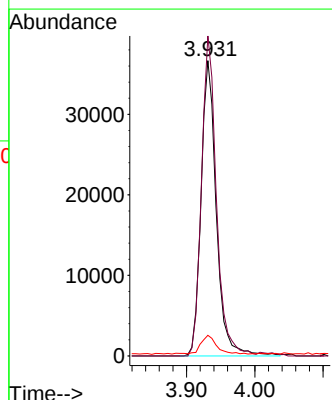
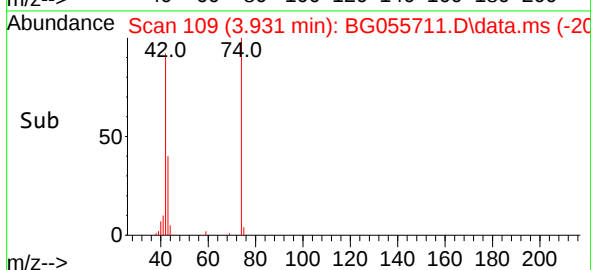
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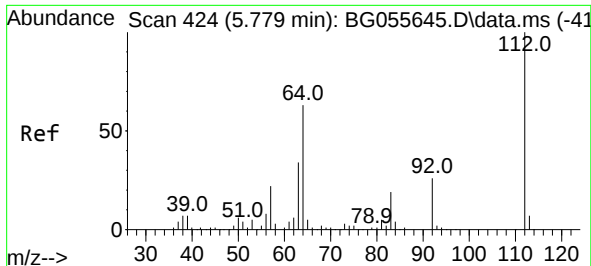


#4
n-Nitrosodimethylamine
Concen: 39.192 ng
RT: 3.931 min Scan# 109
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



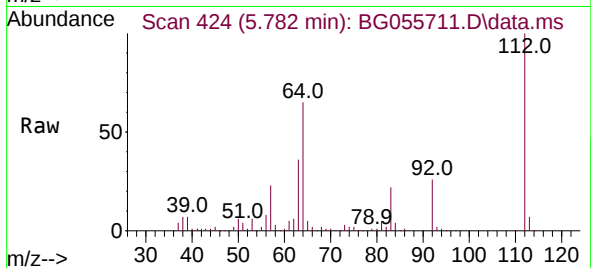
Tgt Ion: 42 Resp: 56979
Ion Ratio Lower Upper
42 100
74 108.4 84.7 127.1
44 7.0 5.4 8.0





#5
2-Fluorophenol
Concen: 139.171 ng
RT: 5.782 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

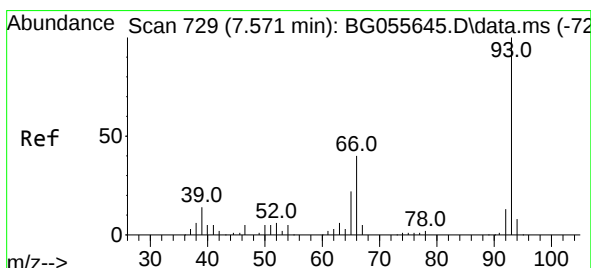
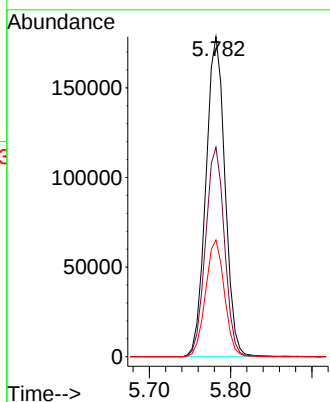
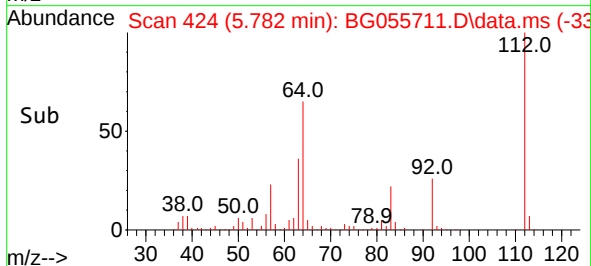
Instrument :
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Tgt Ion:112 Resp: 291505
Ion Ratio Lower Upper
112 100
64 65.5 50.6 76.0
63 36.5 27.5 41.3

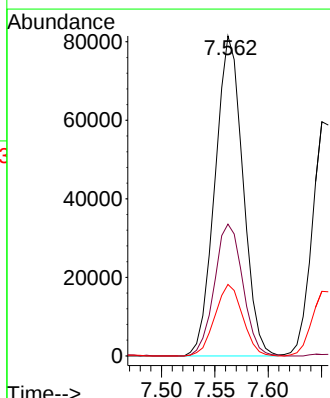
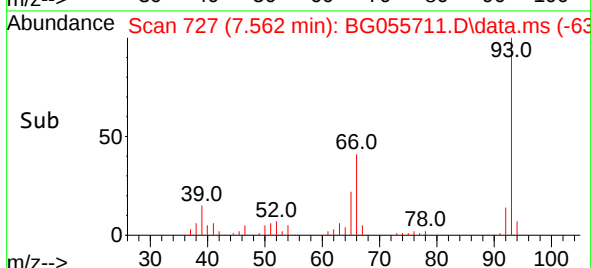
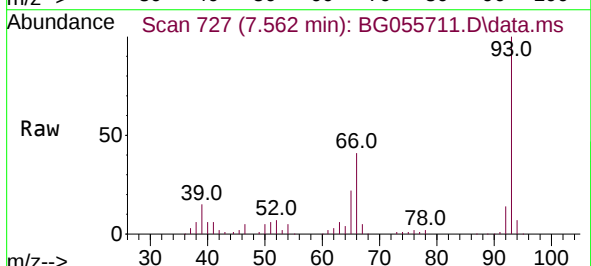
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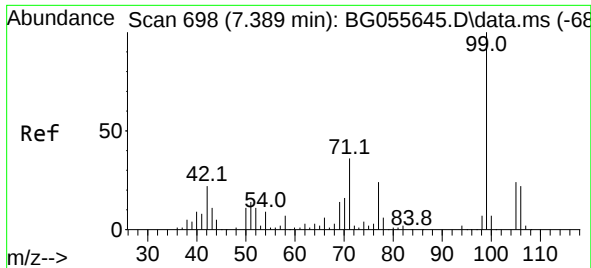
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#6
Aniline
Concen: 42.333 ng
RT: 7.562 min Scan# 727
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 93 Resp: 148257
Ion Ratio Lower Upper
93 100
66 41.2 31.7 47.5
65 22.3 17.9 26.9





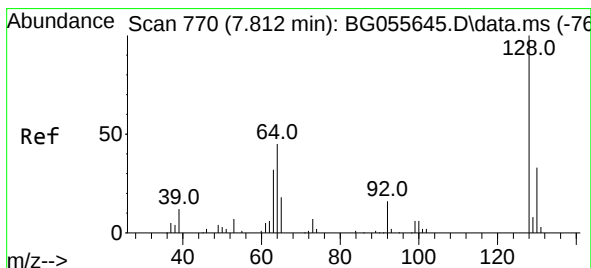
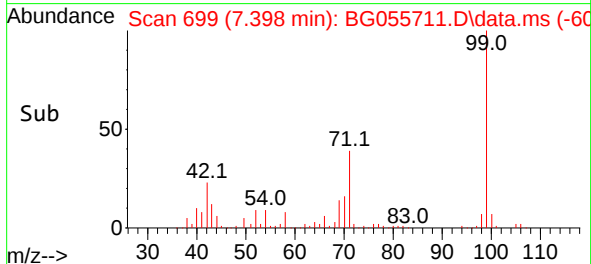
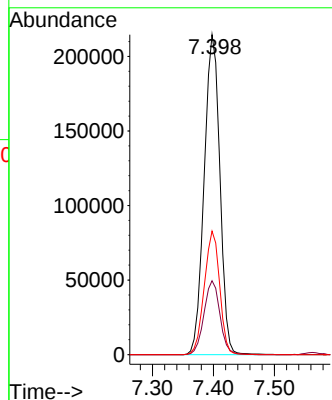
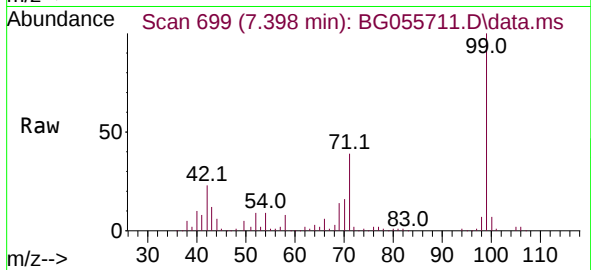
#7
Phenol-d6
Concen: 137.844 ng
RT: 7.398 min Scan# 698
Delta R.T. 0.009 min
Lab File: BG055711.D
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Tgt Ion: 99 Resp: 384340
Ion Ratio Lower Upper
99 100
42 23.1 18.0 27.0
71 38.6 29.0 43.6

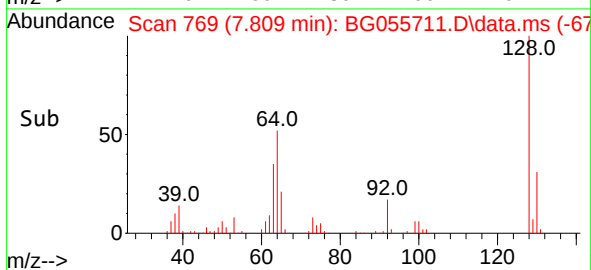
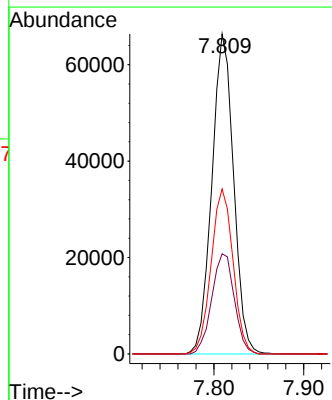
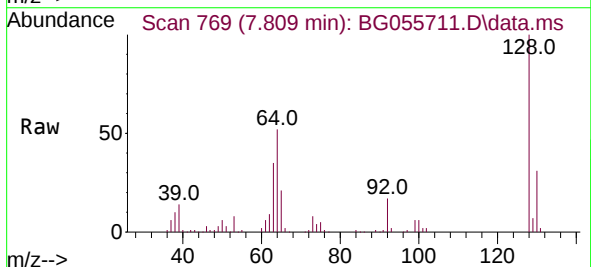
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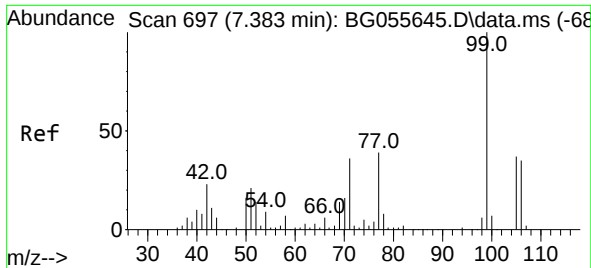
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#8
2-Chlorophenol
Concen: 46.677 ng
RT: 7.809 min Scan# 769
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:128 Resp: 111768
Ion Ratio Lower Upper
128 100
130 31.3 13.1 53.1
64 51.5 30.2 70.2





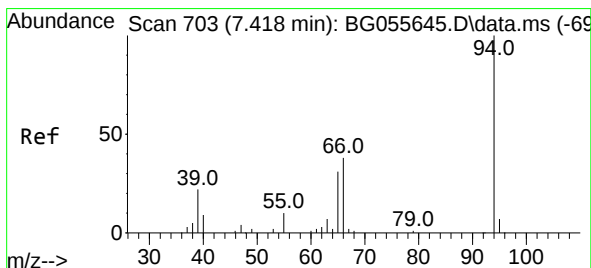
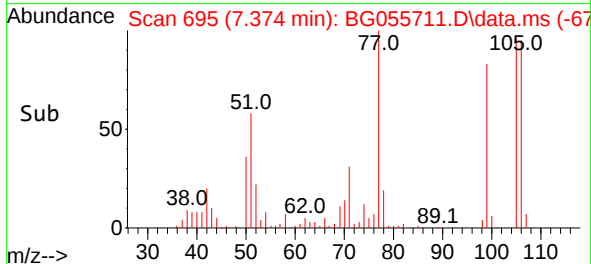
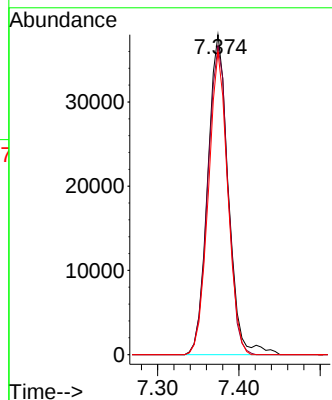
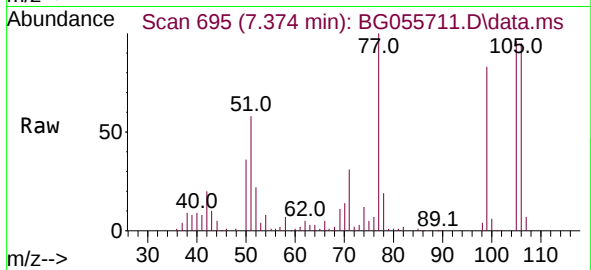
#9
Benzaldehyde
Concen: 35.393 ng
RT: 7.374 min Scan# 697
Delta R.T. -0.009 min
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Tgt Ion: 77 Resp: 67020
Ion Ratio Lower Upper
77 100
105 96.3 76.3 116.3
106 94.6 69.8 109.8

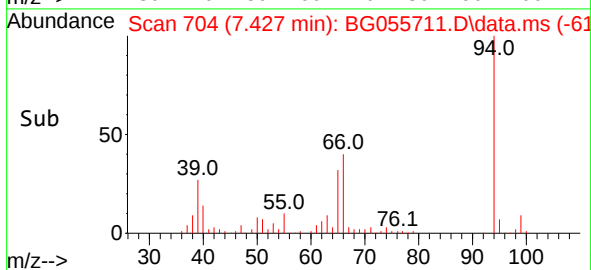
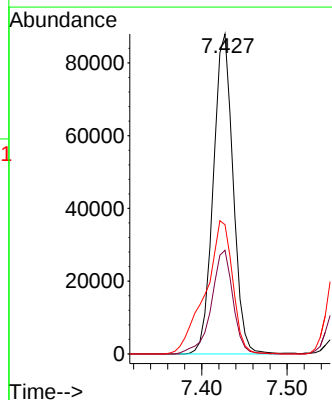
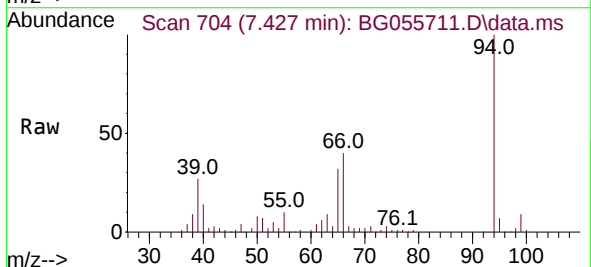
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#10
Phenol
Concen: 45.397 ng
RT: 7.427 min Scan# 704
Delta R.T. 0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 94 Resp: 141727
Ion Ratio Lower Upper
94 100
65 32.4 11.8 51.8
66 40.4 20.5 60.5





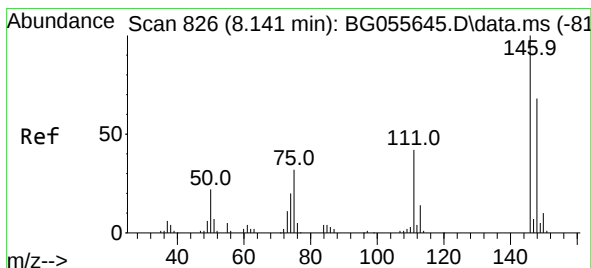
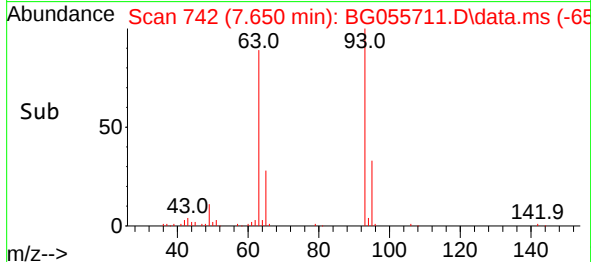
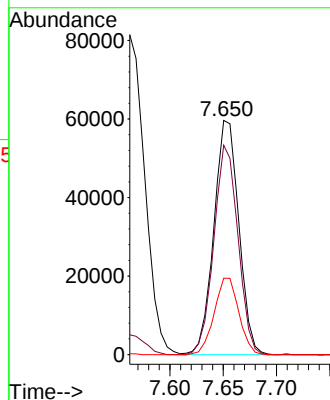
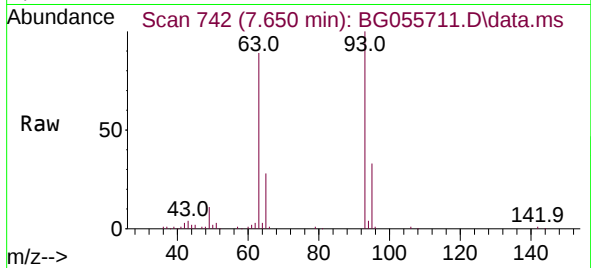
#11
bis(2-Chloroethyl)ether
Concen: 40.679 ng
RT: 7.650 min Scan# 744
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB149157BS

Tgt Ion: 93 Resp: 97326
Ion Ratio Lower Upper
93 100
63 89.4 67.6 107.6
95 32.7 11.8 51.8

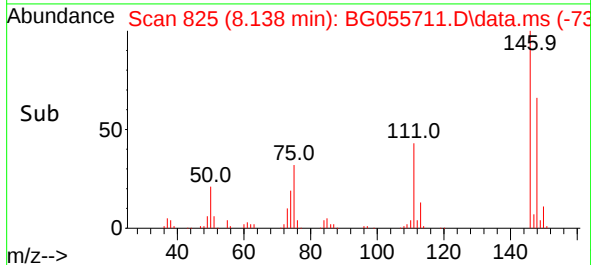
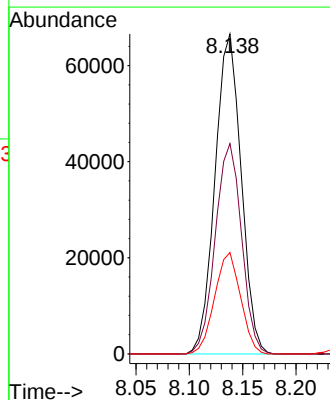
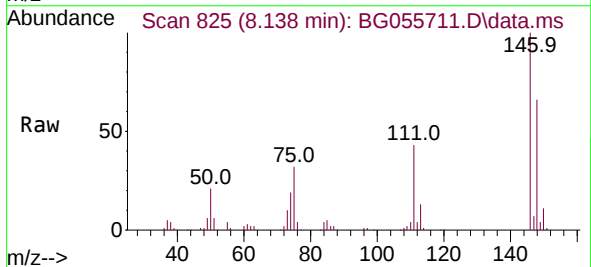
Manual Integrations
APPROVED

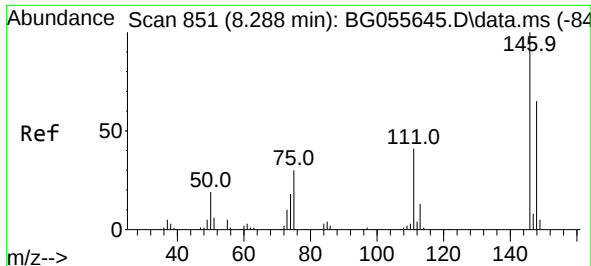
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#12
1,3-Dichlorobenzene
Concen: 40.436 ng
RT: 8.138 min Scan# 825
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

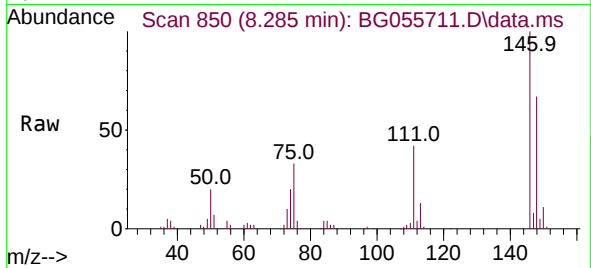
Tgt Ion:146 Resp: 113838
Ion Ratio Lower Upper
146 100
148 65.7 54.6 81.8
75 31.7 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 40.162 ng
RT: 8.285 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

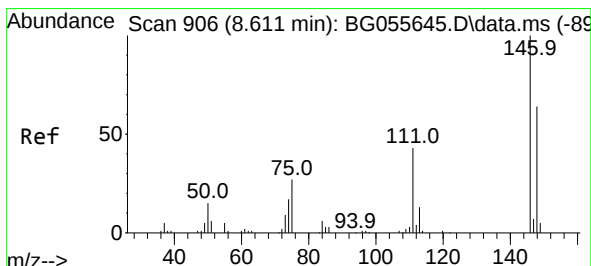
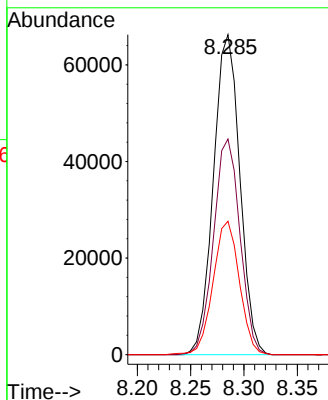
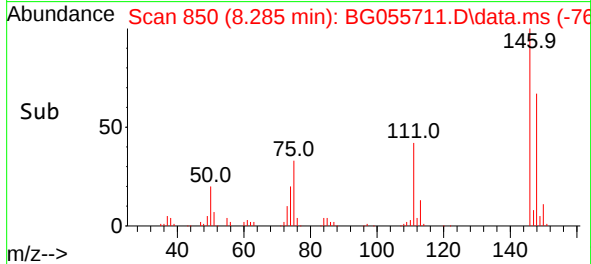
Instrument :
BNA_G
ClientSampleId :
PB149157BS



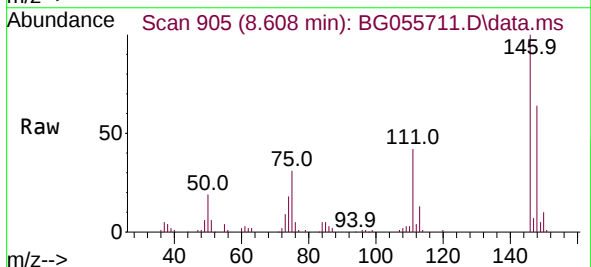
Tgt Ion:146 Resp: 114254
Ion Ratio Lower Upper
146 100
148 67.4 52.1 78.1
111 41.7 33.0 49.4

Manual Integrations
APPROVED

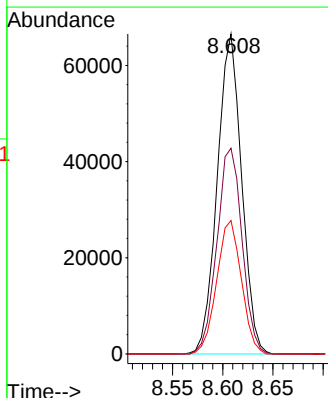
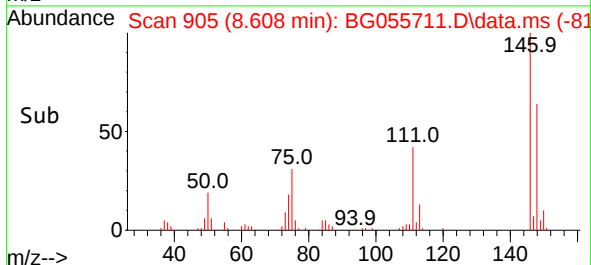
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#14
1,2-Dichlorobenzene
Concen: 41.259 ng
RT: 8.608 min Scan# 905
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



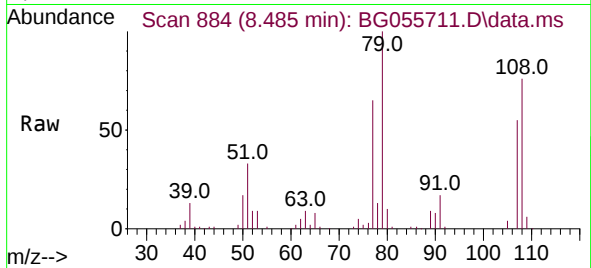
Tgt Ion:146 Resp: 112475
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 41.7 34.5 51.7





#15
Benzyl Alcohol
Concen: 46.745 ng m
RT: 8.485 min Scan# 885
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

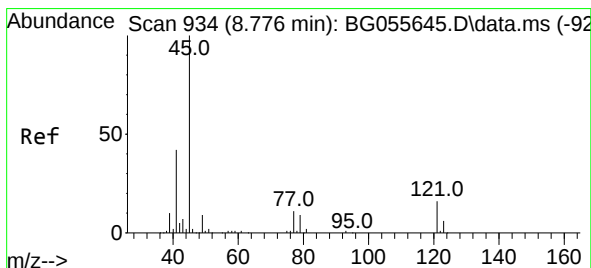
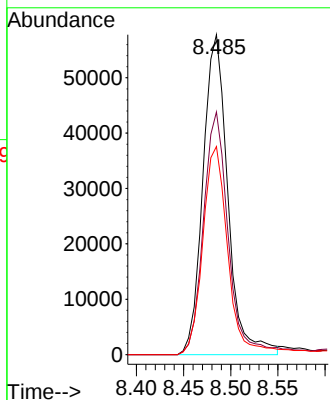
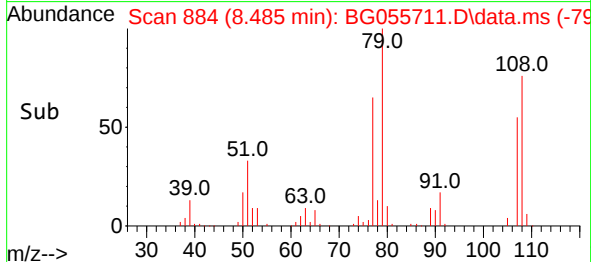
Instrument :
BNA_G
ClientSampleId :
PB149157BS



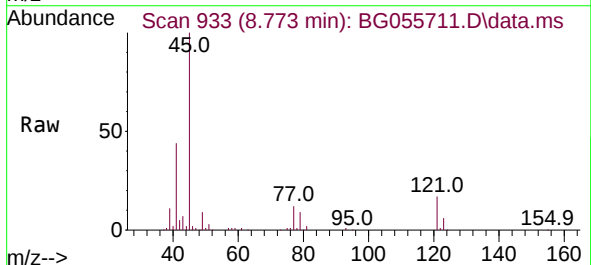
Tgt Ion: 79 Resp: 105926
Ion Ratio Lower Upper
79 100
108 75.8 62.6 93.8
77 65.0 52.4 78.6

Manual Integrations
APPROVED

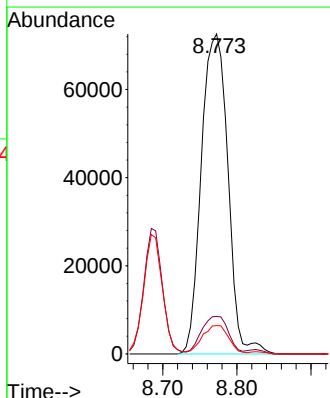
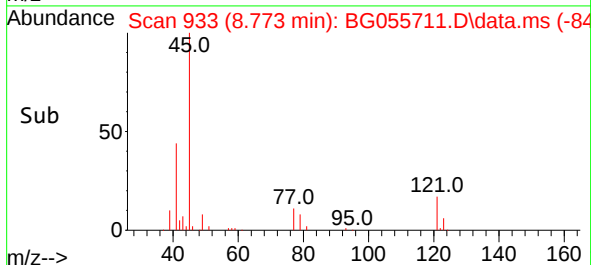
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

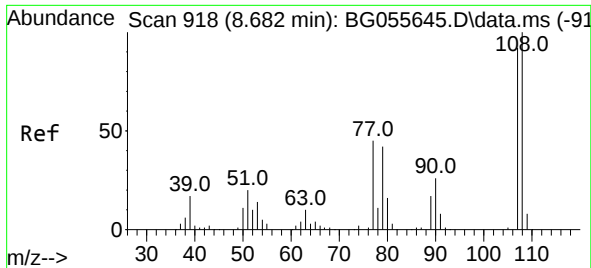


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.700 ng m
RT: 8.773 min Scan# 933
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



Tgt Ion: 45 Resp: 180607
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.7
79 8.8 0.0 29.5





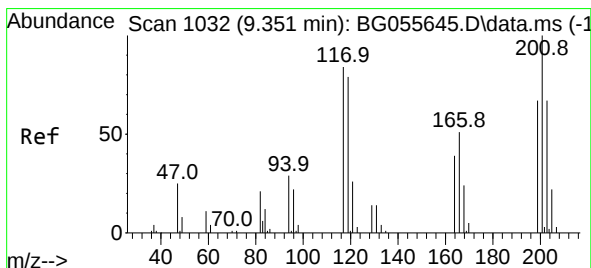
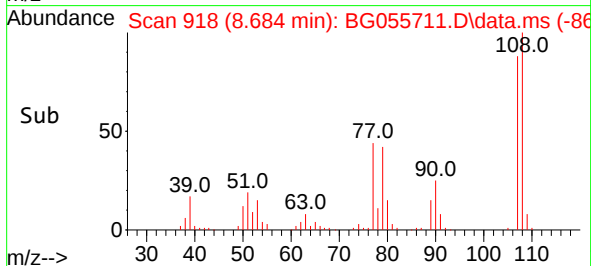
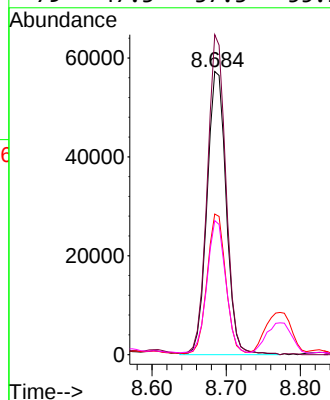
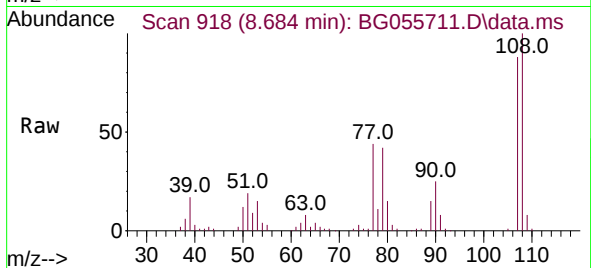
#17
2-Methylphenol
Concen: 46.359 ng
RT: 8.684 min Scan# 918
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB149157BS

Tgt Ion:	107	Resp:	102754
Ion Ratio	Lower	Upper	
107	100		
108	113.0	87.3	130.9
77	49.7	39.4	59.0
79	47.3	37.3	55.9

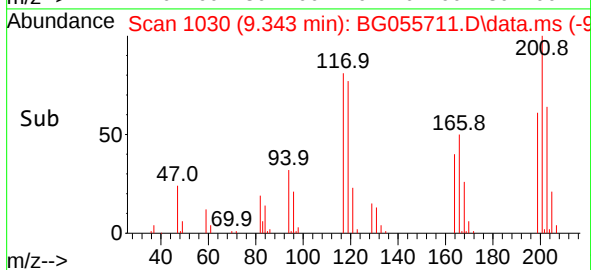
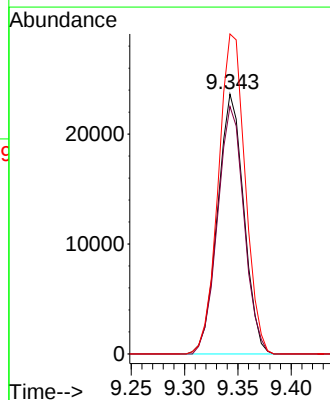
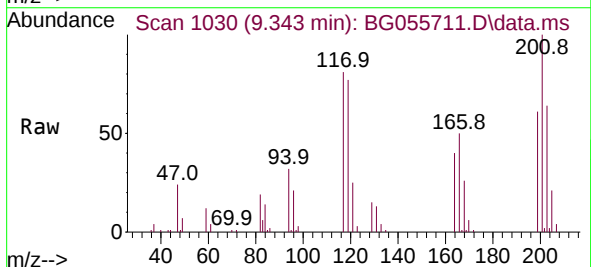
Manual Integrations
APPROVED

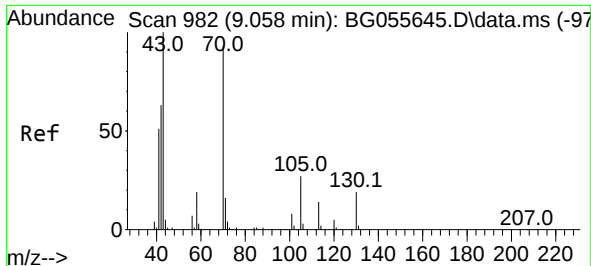
Reviewed By :Christian Giraldo 11/22/2022
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#18
Hexachloroethane
Concen: 41.322 ng
RT: 9.343 min Scan# 1030
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:	117	Resp:	40460
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.0	114.0
201	126.2	98.6	148.0





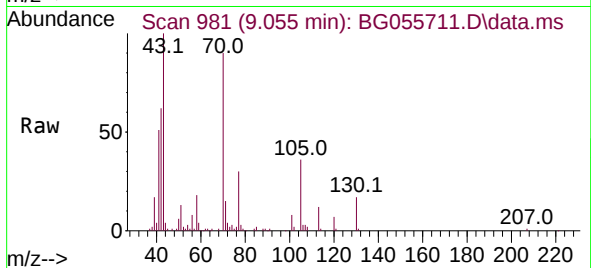
#19
n-Nitroso-di-n-propylamine
Concen: 41.810 ng
RT: 9.055 min Scan# 981
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

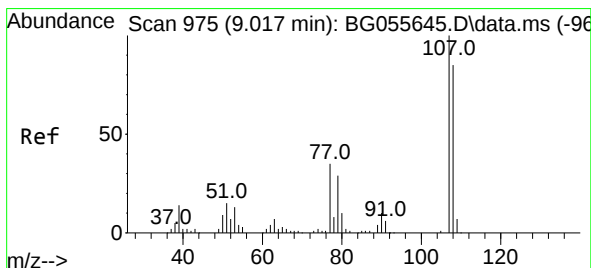
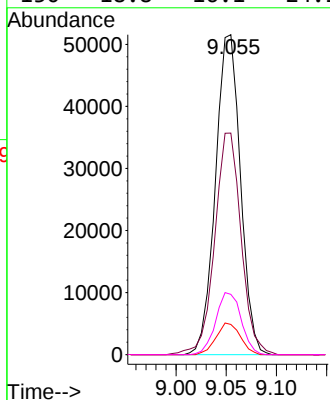
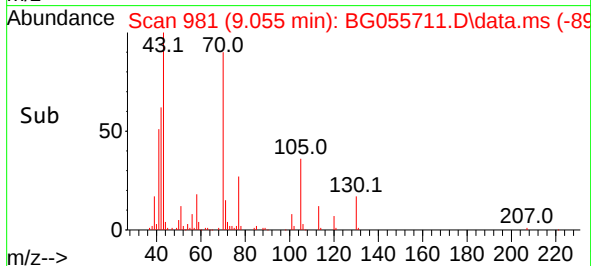


Tgt Ion: 70 Resp: 89569
Ion Ratio Lower Upper
70 100
42 69.2 55.2 82.8
101 9.4 7.1 10.7
130 18.8 16.1 24.1

Manual Integrations

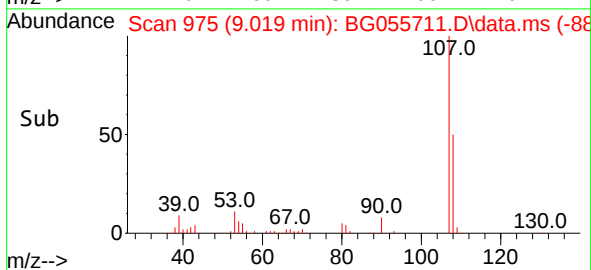
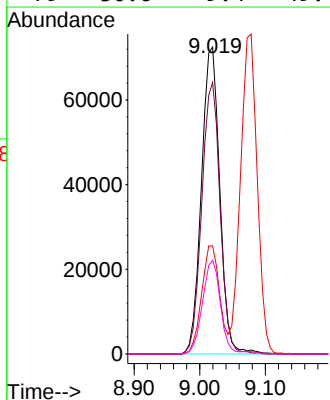
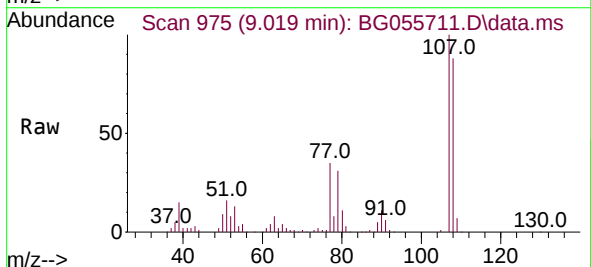
APPROVED

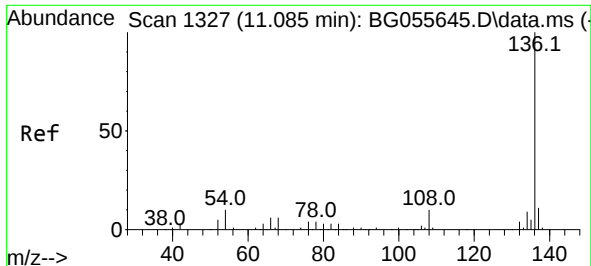
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#20
3+4-Methylphenols
Concen: 45.316 ng
RT: 9.019 min Scan# 975
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

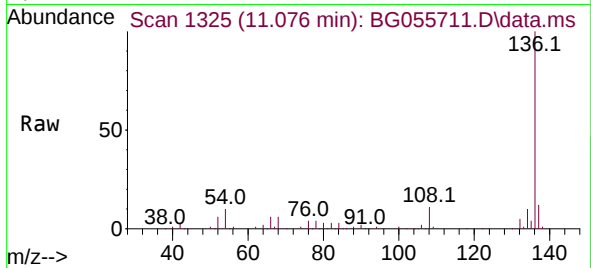
Tgt Ion:107 Resp: 140309
Ion Ratio Lower Upper
107 100
108 88.4 65.5 105.5
77 35.2 14.6 54.6
79 30.6 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

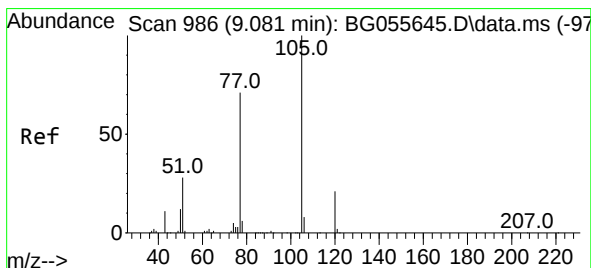
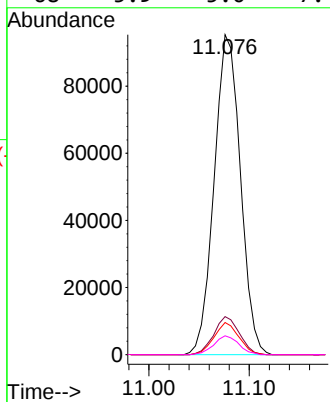
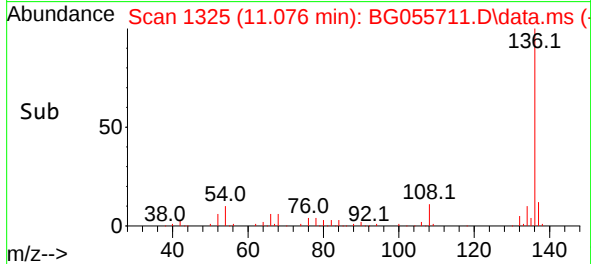
Instrument :
BNA_G
ClientSampleId :
PB149157BS



Tgt Ion:136 Resp: 173309
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 10.0 7.8 11.6
68 5.9 5.0 7.4

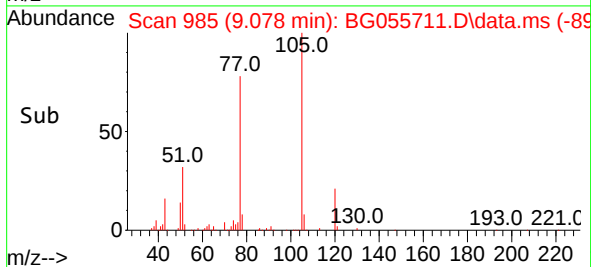
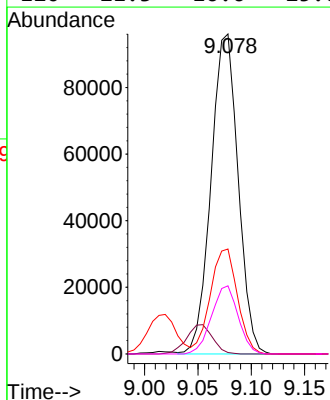
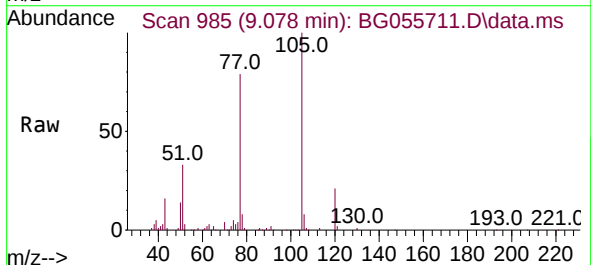
Manual Integrations
APPROVED

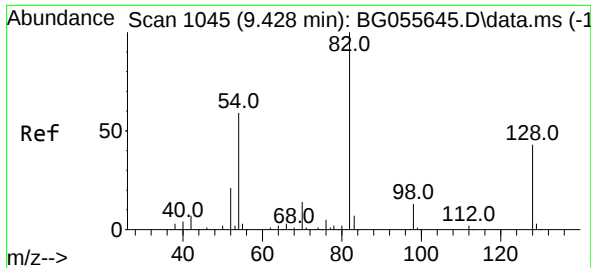
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#22
Acetophenone
Concen: 37.703 ng
RT: 9.078 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:105 Resp: 169791
Ion Ratio Lower Upper
105 100
71 0.5 0.6 1.0#
51 32.8 24.5 36.7
120 21.3 16.6 25.0





#23
Nitrobenzene-d5
Concen: 72.278 ng
RT: 9.425 min Scan# 1045
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

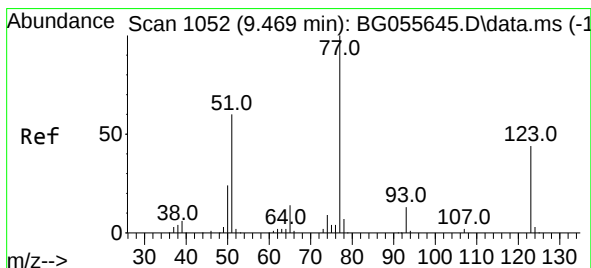
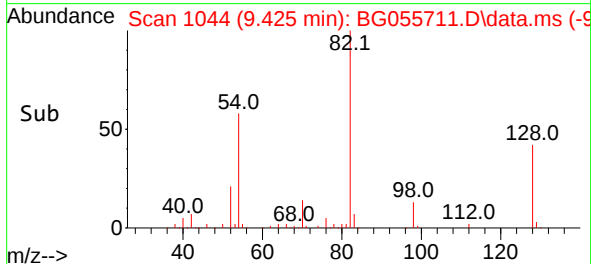
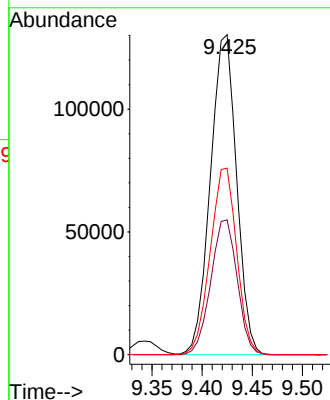
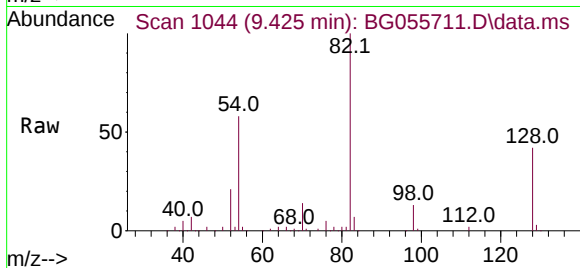
PB149157BS

Tgt Ion: 82 Resp: 236996
Ion Ratio Lower Upper
82 100
128 42.1 34.1 51.1
54 58.3 47.3 70.9

Manual Integrations

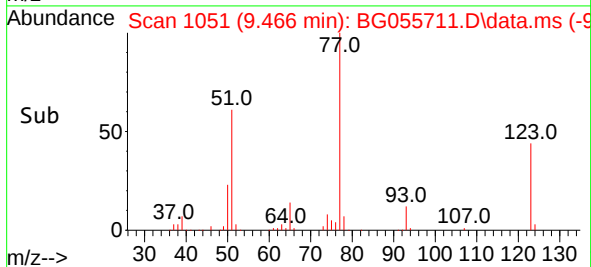
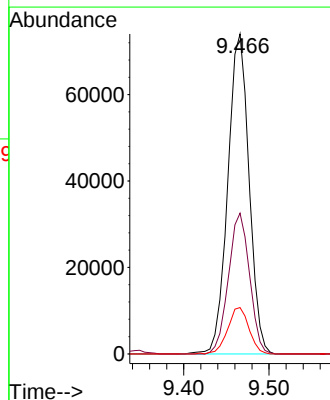
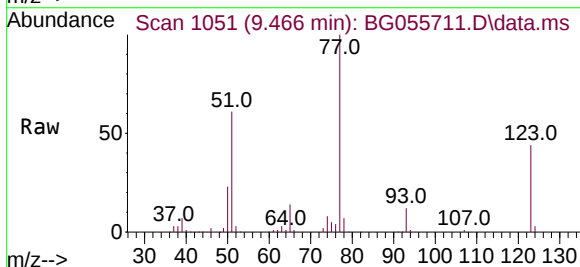
APPROVED

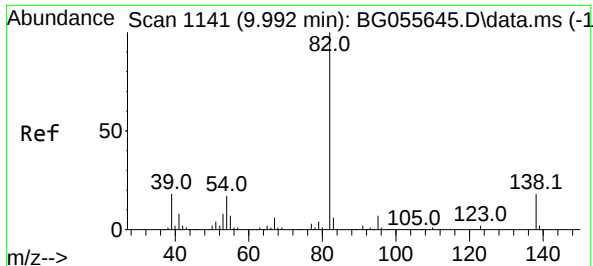
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#24
Nitrobenzene
Concen: 37.322 ng
RT: 9.466 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

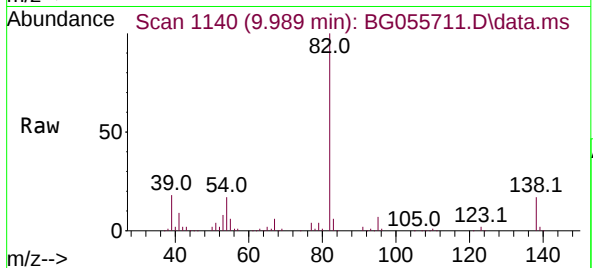
Tgt Ion: 77 Resp: 127827
Ion Ratio Lower Upper
77 100
123 44.0 35.5 53.3
65 14.5 11.5 17.3





#25
Isophorone
Concen: 40.109 ng
RT: 9.989 min Scan# 1140
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

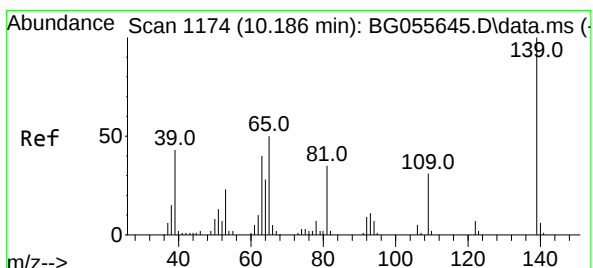
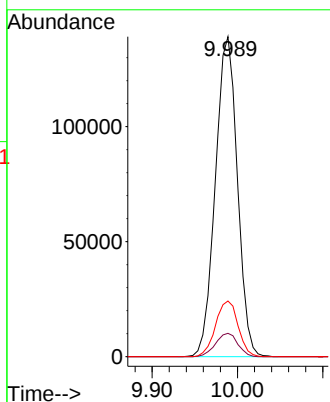
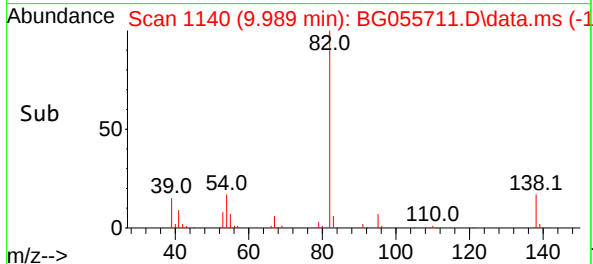
Instrument :
BNA_G
ClientSampleId :
PB149157BS



Tgt Ion: 82 Resp: 249187
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.4 14.2 21.4

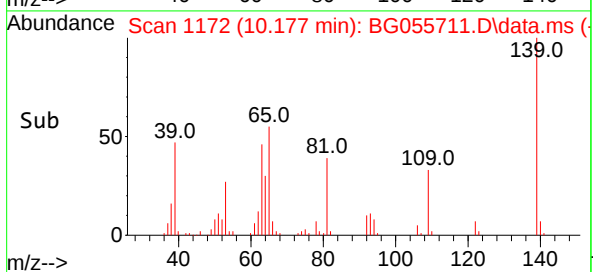
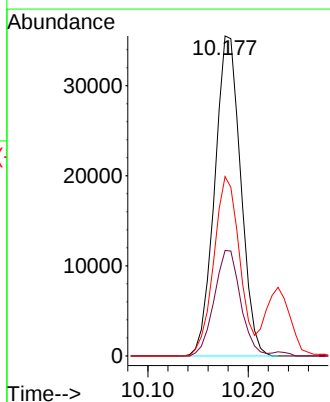
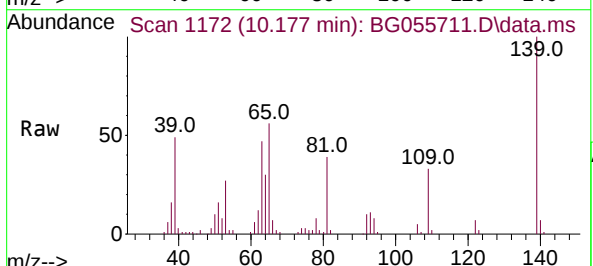
Manual Integrations
APPROVED

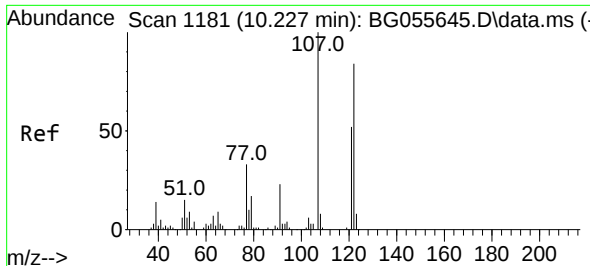
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#26
2-Nitrophenol
Concen: 40.462 ng
RT: 10.177 min Scan# 1172
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:139 Resp: 63974
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 56.0 40.2 60.2





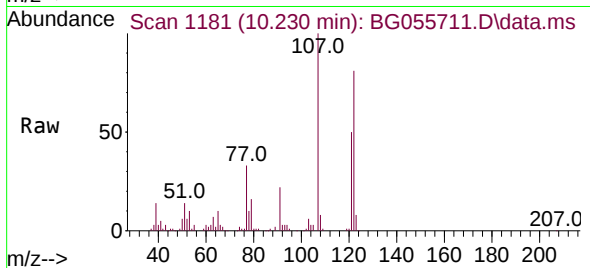
#27
2,4-Dimethylphenol
Concen: 48.145 ng m
RT: 10.230 min Scan# 1181
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

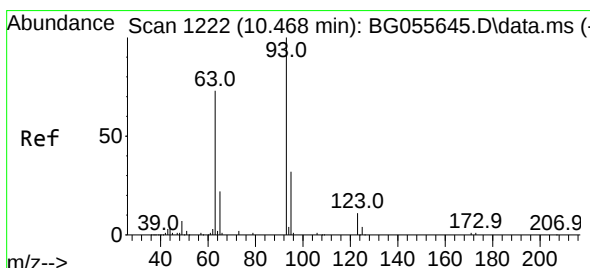
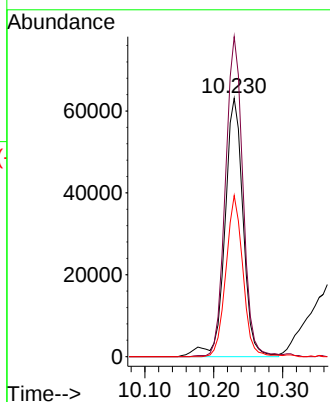
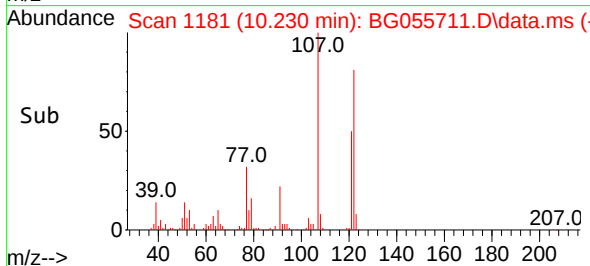


Tgt Ion:122 Resp: 11585
Ion Ratio Lower Upper
122 100
107 123.8 95.8 143.6
121 62.3 49.6 74.4

Manual Integrations

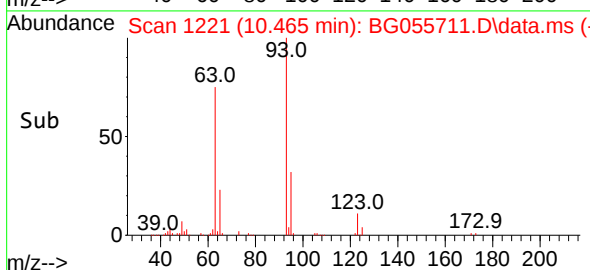
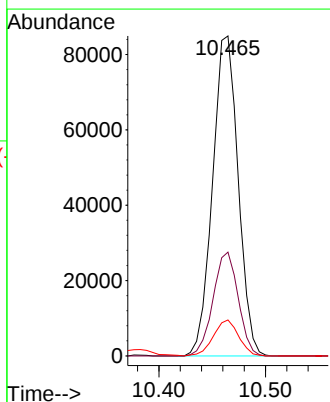
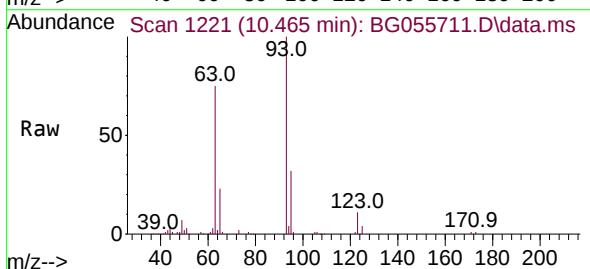
APPROVED

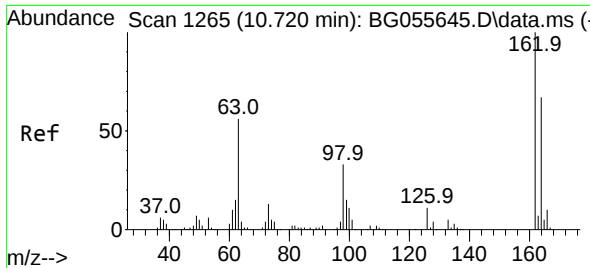
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.547 ng
RT: 10.465 min Scan# 1221
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 93 Resp: 141909
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 11.2 8.9 13.3





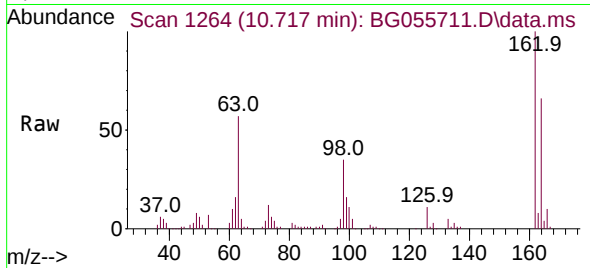
#29
2,4-Dichlorophenol
Concen: 42.345 ng
RT: 10.717 min Scan# 1264
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

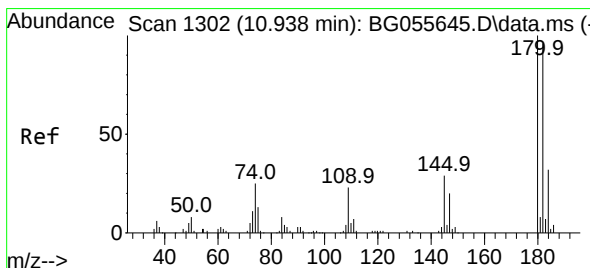
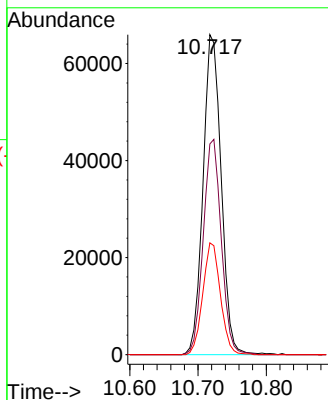
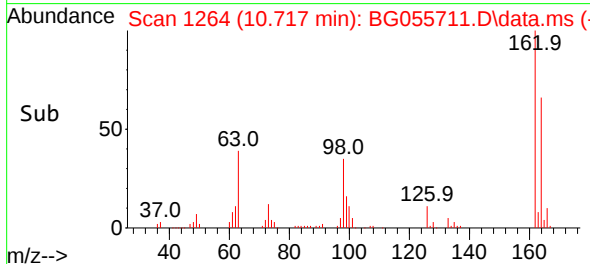


Tgt Ion:162 Resp: 121962
Ion Ratio Lower Upper
162 100
164 65.8 46.7 86.7
98 34.9 12.8 52.8

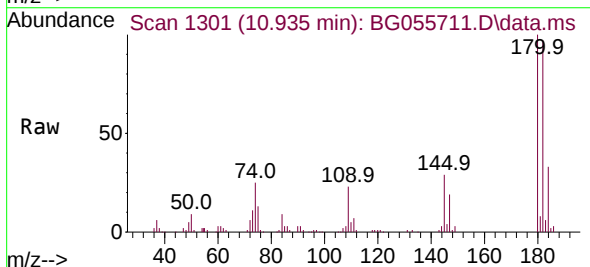
Manual Integrations

APPROVED

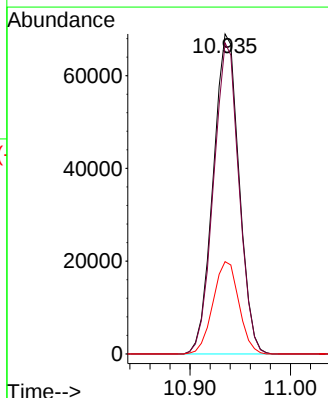
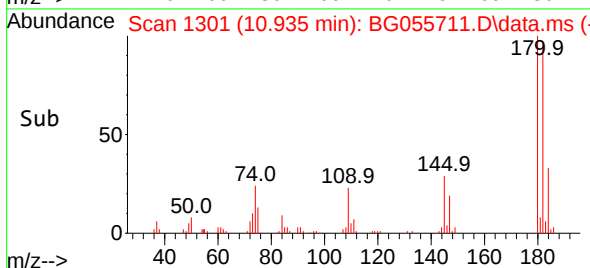
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

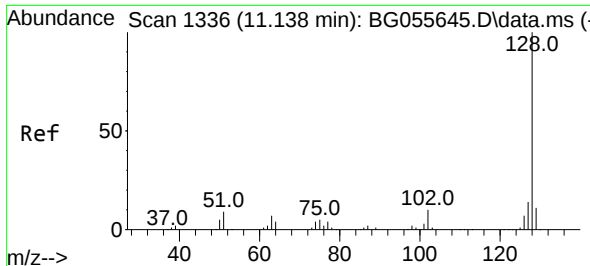


#30
1,2,4-Trichlorobenzene
Concen: 36.957 ng
RT: 10.935 min Scan# 1301
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



Tgt Ion:180 Resp: 123663
Ion Ratio Lower Upper
180 100
182 97.2 77.1 115.7
145 28.8 22.9 34.3





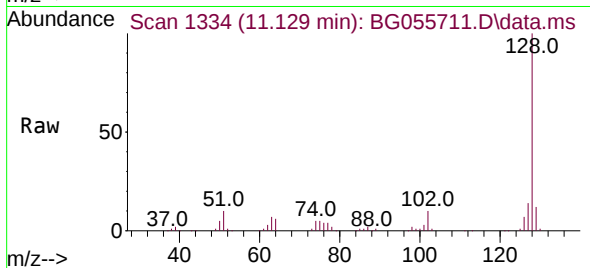
#31
Naphthalene
Concen: 36.499 ng
RT: 11.129 min Scan# 1336
Delta R.T. -0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

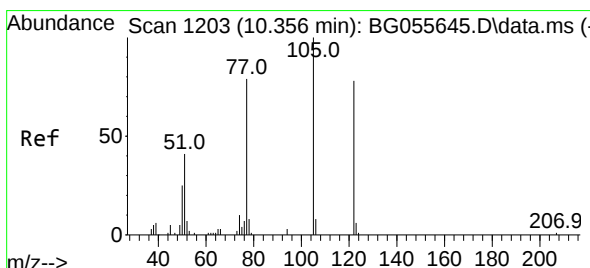
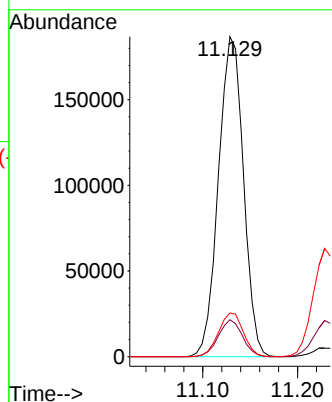
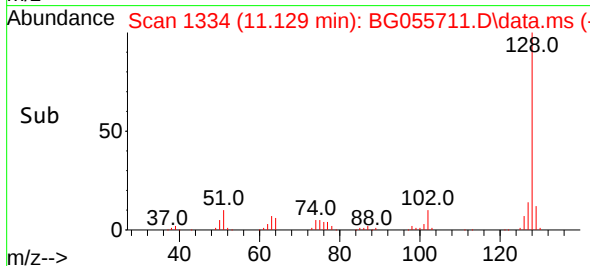


Tgt Ion:128 Resp: 34195
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.7 10.9 16.3

Manual Integrations

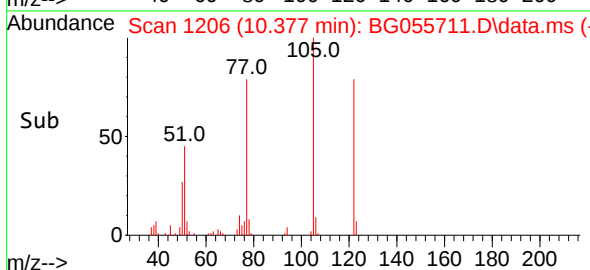
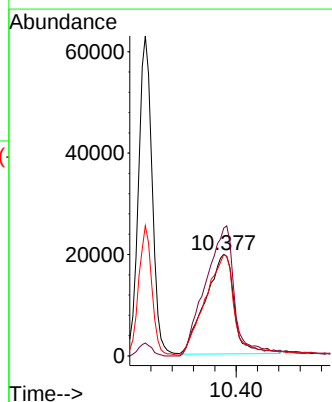
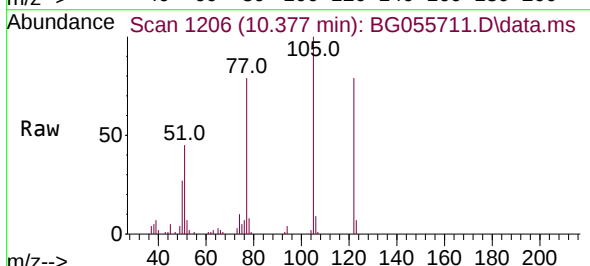
APPROVED

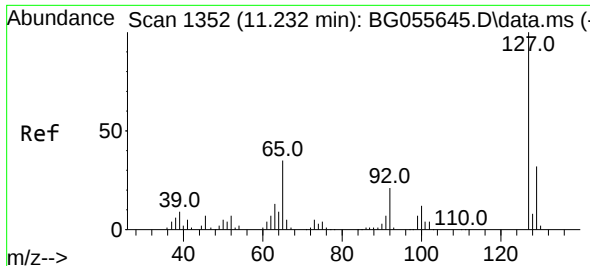
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#32
Benzoic acid
Concen: 37.180 ng
RT: 10.377 min Scan# 1206
Delta R.T. 0.021 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:122 Resp: 73608
Ion Ratio Lower Upper
122 100
105 125.8 104.3 144.3
77 99.8 79.9 119.9





#33

4-Chloroaniline

Concen: 30.777 ng

RT: 11.229 min Scan# 1351

Delta R.T. -0.003 min

Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

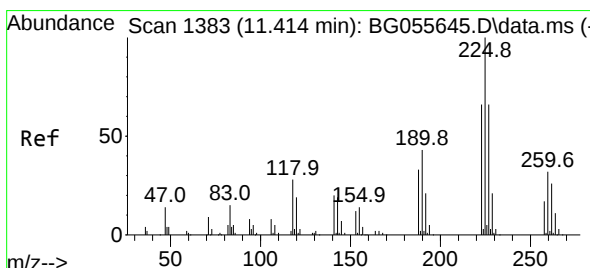
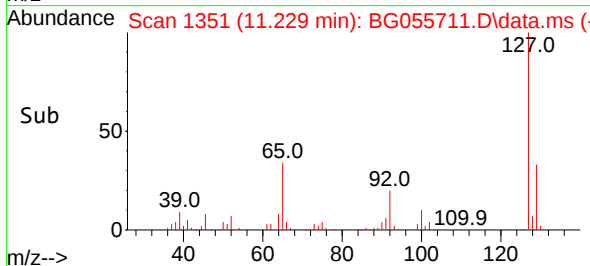
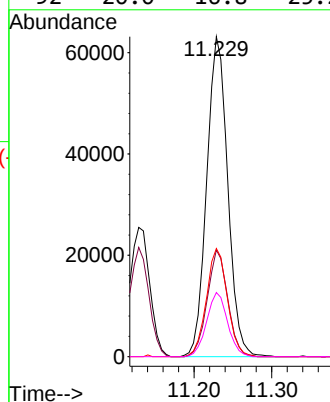
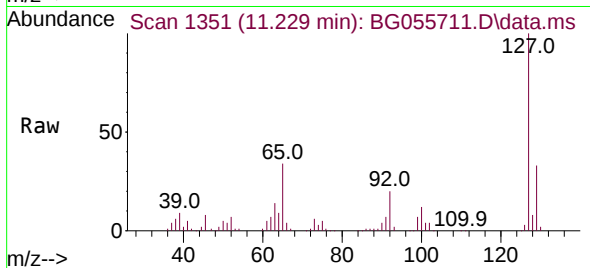
PB149157BS

Tgt Ion:	127	Resp:	11894
Ion Ratio	Lower	Upper	
127	100		
129	33.3	25.9	38.9
65	33.8	27.9	41.9
92	20.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#34

Hexachlorobutadiene

Concen: 36.879 ng

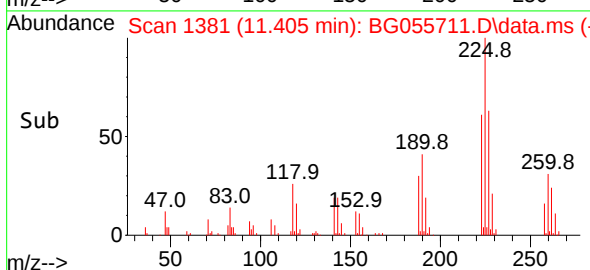
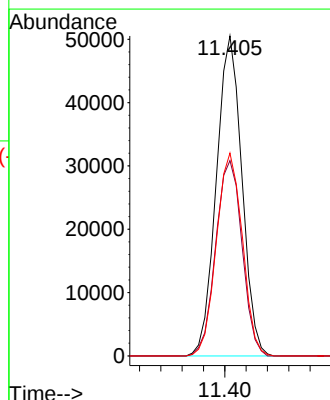
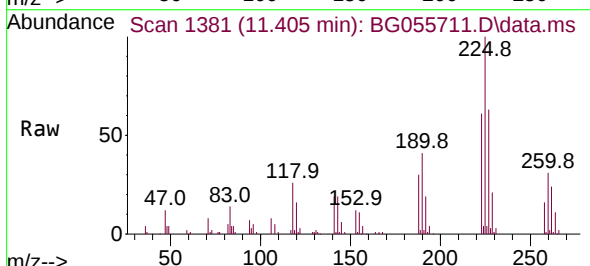
RT: 11.405 min Scan# 1381

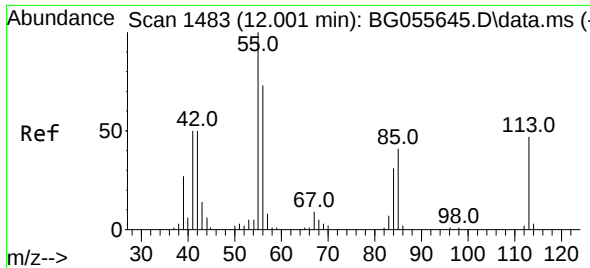
Delta R.T. -0.009 min

Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

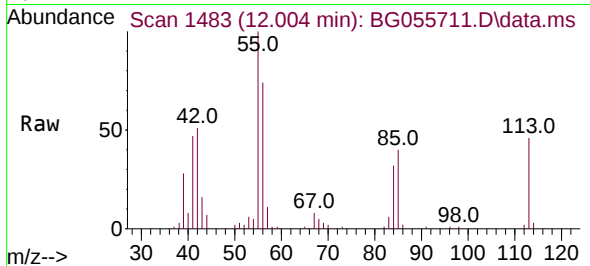
Tgt Ion:	225	Resp:	84262
Ion Ratio	Lower	Upper	
225	100		
223	61.0	52.9	79.3
227	63.4	52.6	79.0





#35
Caprolactam
Concen: 40.657 ng m
RT: 12.004 min Scan# 1483
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

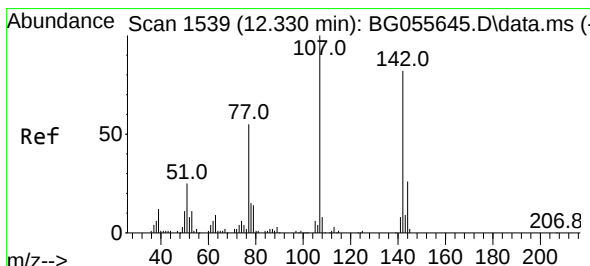
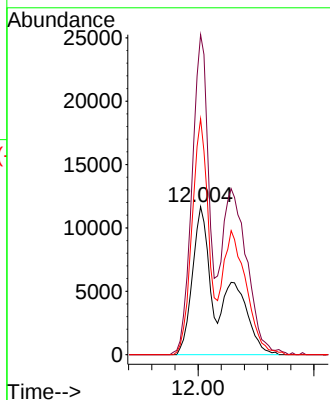
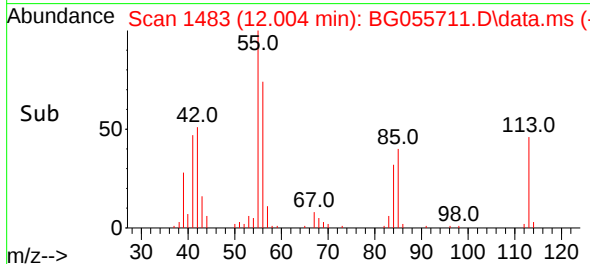
Instrument :
BNA_G
ClientSampleId :
PB149157BS



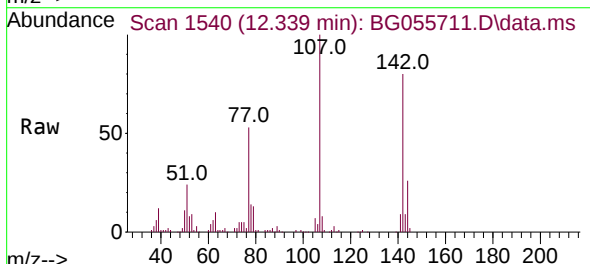
Tgt Ion:113 Resp: 40523
Ion Ratio Lower Upper
113 100
55 216.4 193.5 233.5
56 159.4 135.2 175.2

Manual Integrations
APPROVED

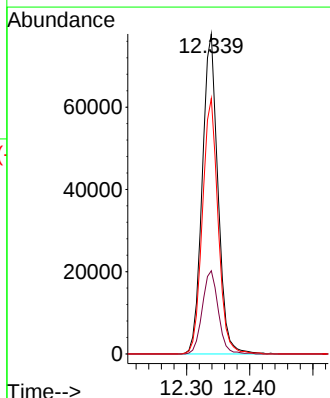
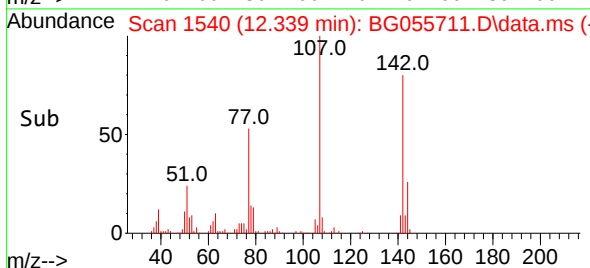
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

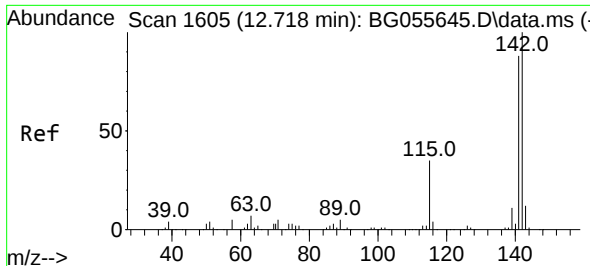


#36
4-Chloro-3-methylphenol
Concen: 42.236 ng
RT: 12.339 min Scan# 1540
Delta R.T. 0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



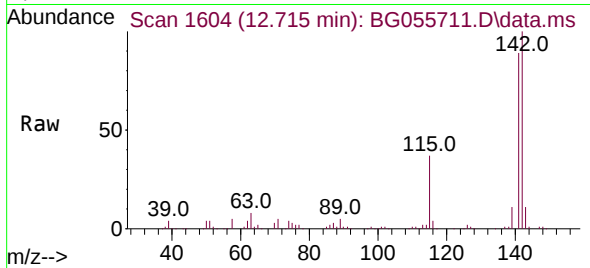
Tgt Ion:107 Resp: 133701
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.4
142 79.9 65.9 98.9





#37
2-Methylnaphthalene
Concen: 37.708 ng
RT: 12.715 min Scan# 1604
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

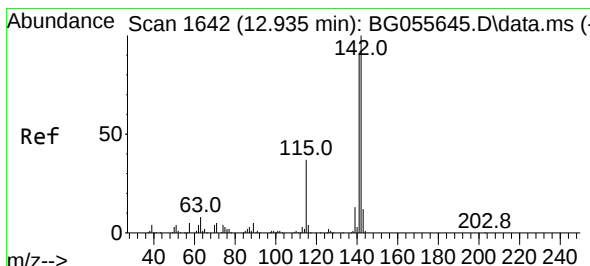
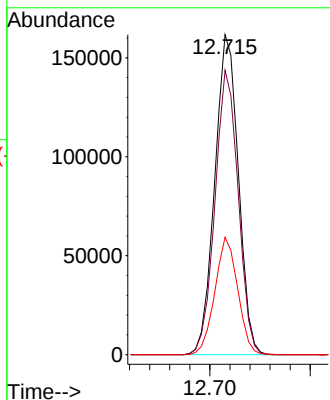
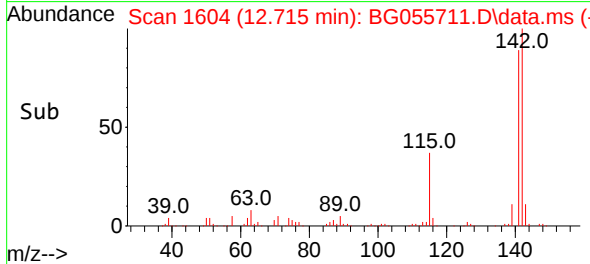
Instrument :
BNA_G
ClientSampleId :
PB149157BS



Tgt Ion:142 Resp: 264517
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 36.7 27.9 41.9

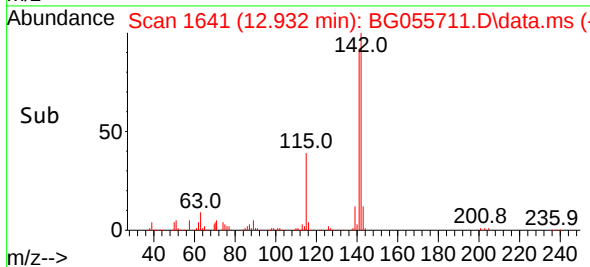
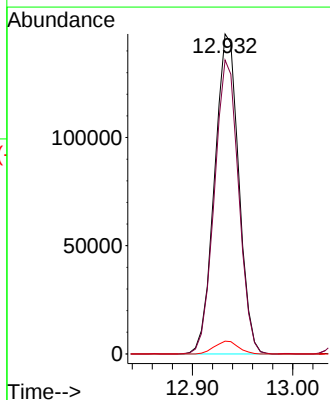
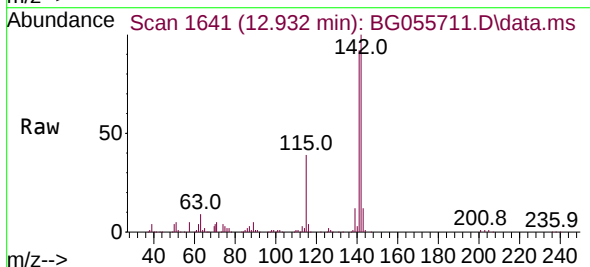
Manual Integrations
APPROVED

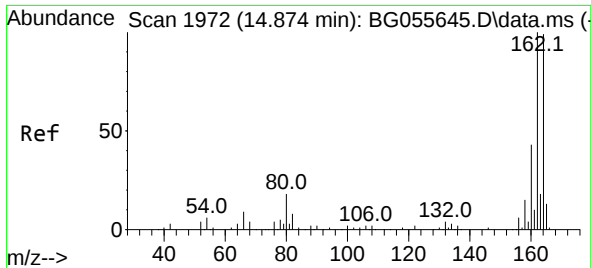
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#38
1-Methylnaphthalene
Concen: 36.336 ng
RT: 12.932 min Scan# 1641
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:142 Resp: 247447
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

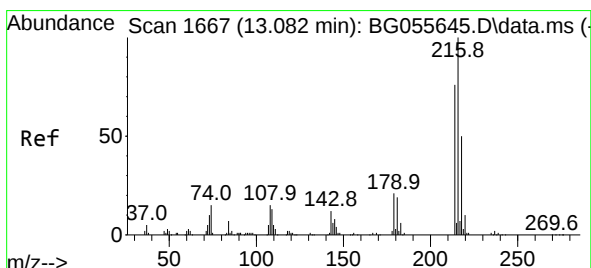
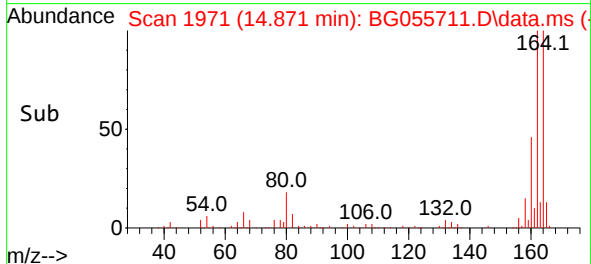
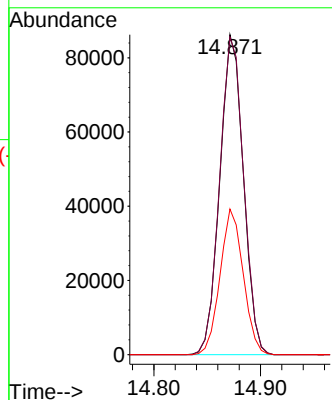
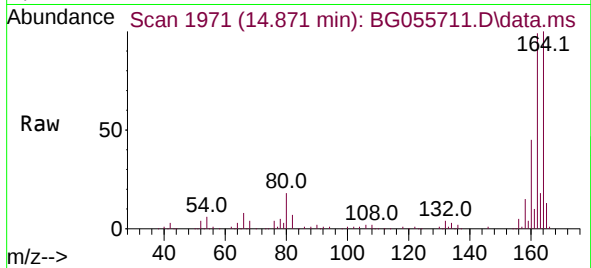
PB149157BS

Tgt Ion:164 Resp: 132762
Ion Ratio Lower Upper
164 100
162 99.2 81.1 121.7
160 45.5 34.8 52.2

Manual Integrations

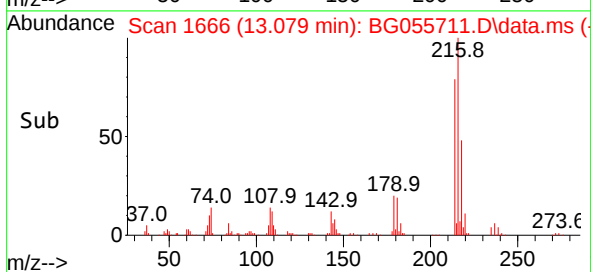
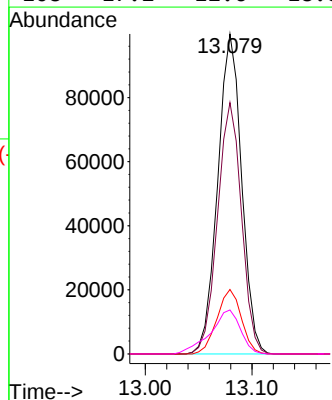
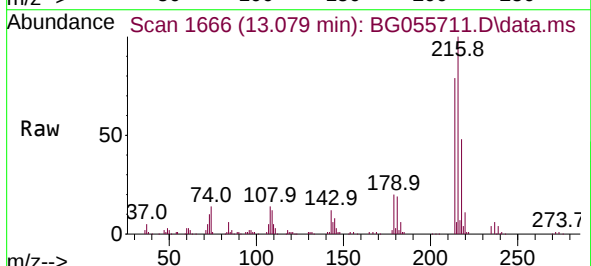
APPROVED

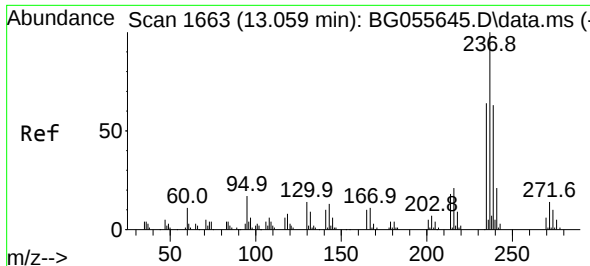
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.354 ng
RT: 13.079 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

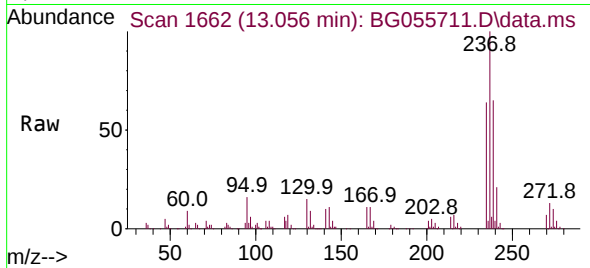
Tgt Ion:216 Resp: 155843
Ion Ratio Lower Upper
216 100
214 78.5 62.1 93.1
179 20.5 16.5 24.7
108 17.2 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 91.186 ng
RT: 13.056 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

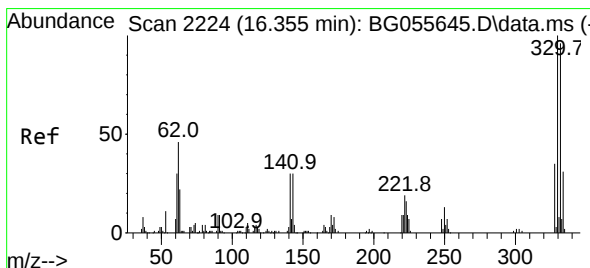
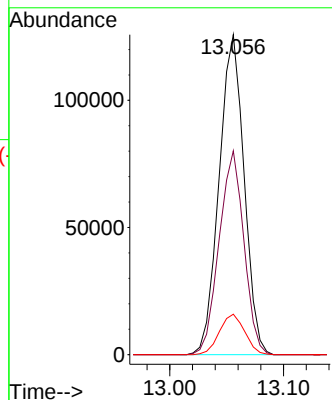
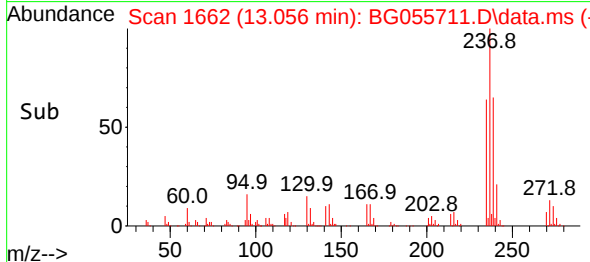
Instrument :
BNA_G
ClientSampleId :
PB149157BS



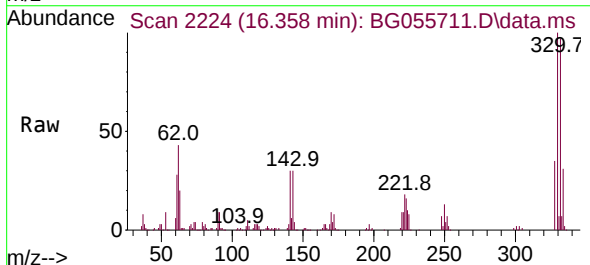
Tgt Ion:237 Resp: 191743
Ion Ratio Lower Upper
237 100
235 63.7 43.7 83.7
272 12.6 0.0 33.6

Manual Integrations
APPROVED

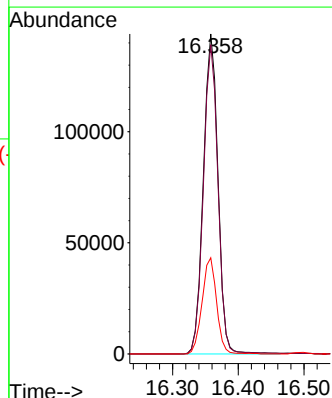
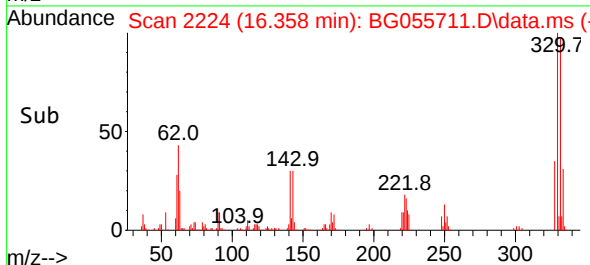
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

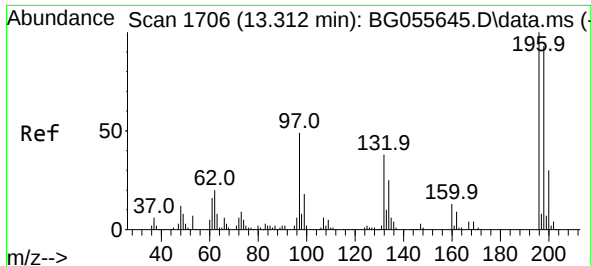


#42
2,4,6-Tribromophenol
Concen: 118.609 ng
RT: 16.358 min Scan# 2224
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



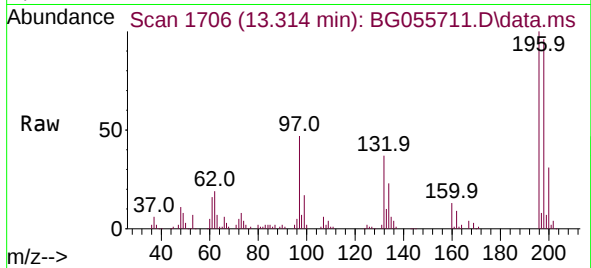
Tgt Ion:330 Resp: 221735
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 29.7 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 38.880 ng
RT: 13.314 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

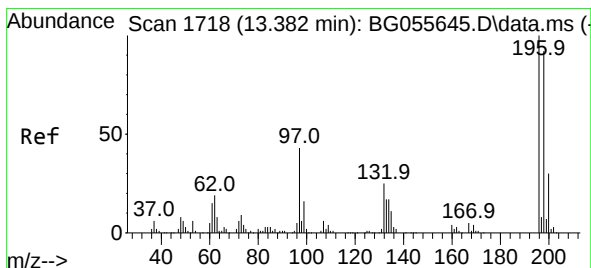
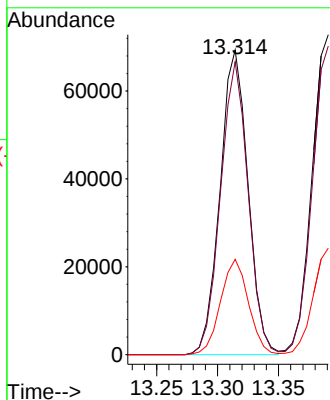
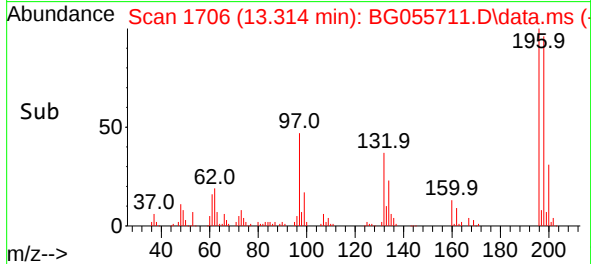
Instrument :
BNA_G
ClientSampleId :
PB149157BS



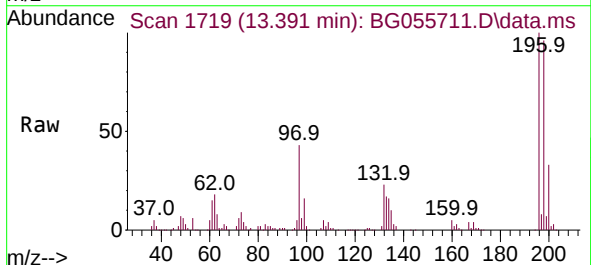
Tgt Ion:196 Resp: 110650
Ion Ratio Lower Upper
196 100
198 96.1 74.6 112.0
200 31.3 23.7 35.5

Manual Integrations
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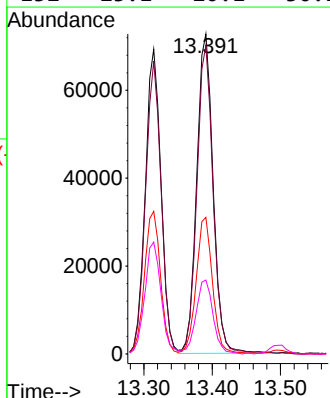
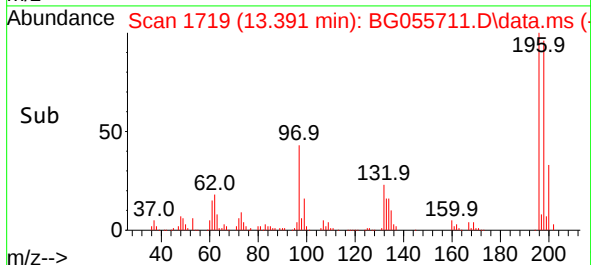
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

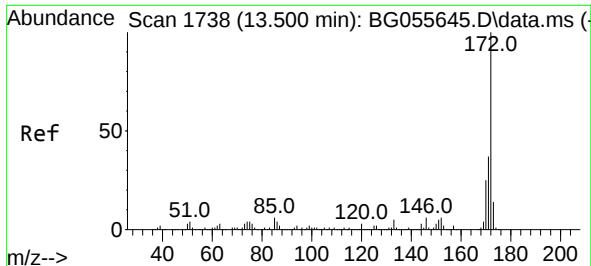


#44
2,4,5-Trichlorophenol
Concen: 38.945 ng
RT: 13.391 min Scan# 1719
Delta R.T. 0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



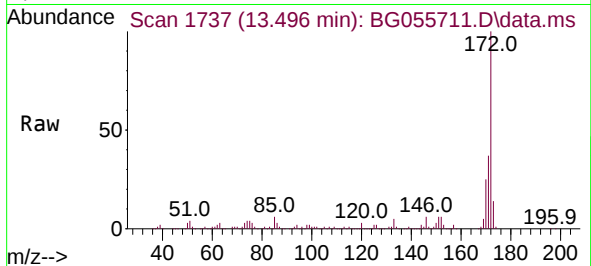
Tgt Ion:196 Resp: 121802
Ion Ratio Lower Upper
196 100
198 96.4 74.1 111.1
97 42.7 34.8 52.2
132 23.1 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 70.469 ng
RT: 13.496 min Scan# 1738
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

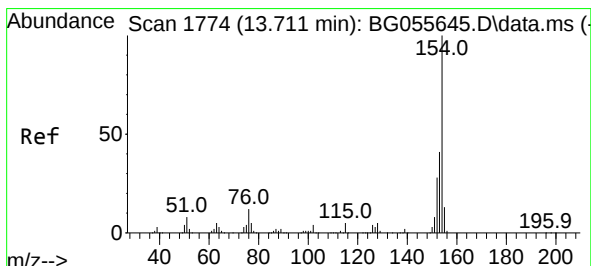
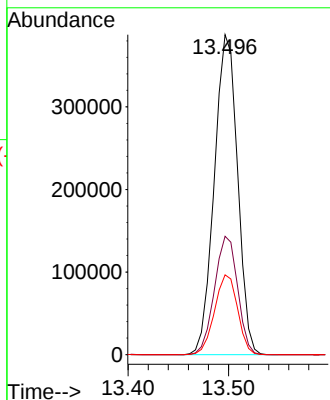
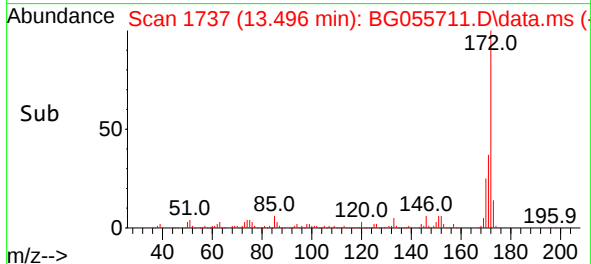
Instrument :
BNA_G
ClientSampleId :
PB149157BS



Tgt Ion:172 Resp: 62448
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.9 20.2 30.4

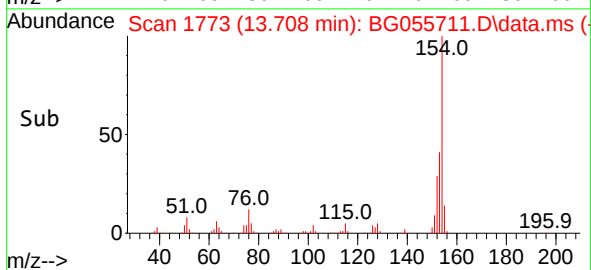
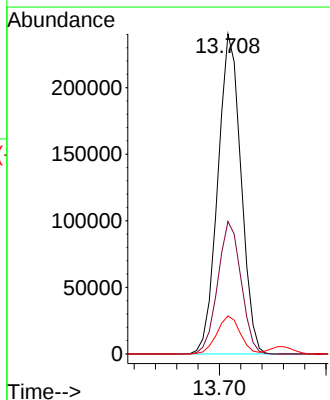
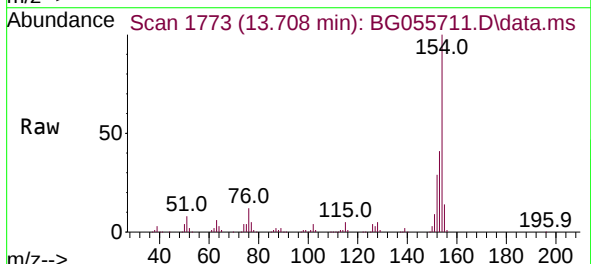
Manual Integrations
APPROVED

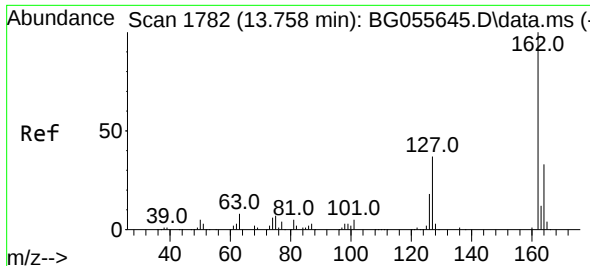
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#46
1,1'-Biphenyl
Concen: 37.538 ng
RT: 13.708 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

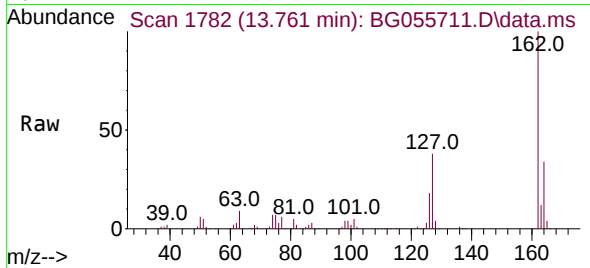
Tgt Ion:154 Resp: 363161
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 11.9 0.0 32.4





#47
2-Chloronaphthalene
Concen: 36.991 ng
RT: 13.761 min Scan# 1782
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

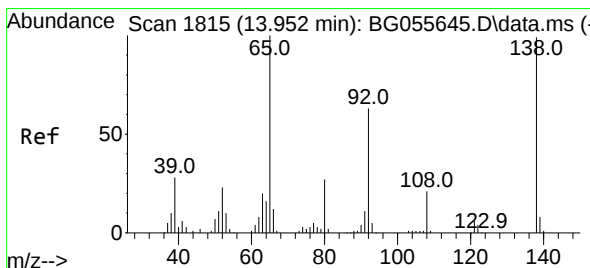
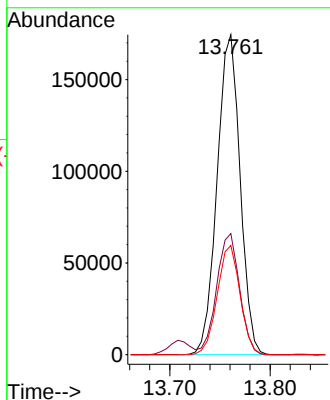
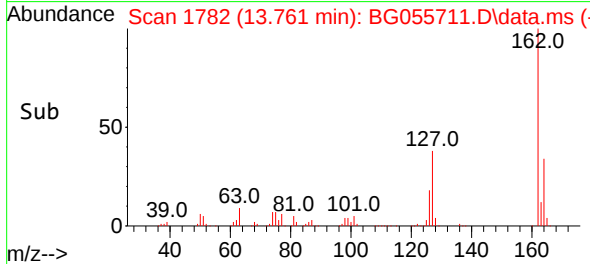
Instrument :
BNA_G
ClientSampleId :
PB149157BS



Tgt Ion:162 Resp: 278162
Ion Ratio Lower Upper
162 100
127 37.8 29.9 44.9
164 34.1 26.4 39.6

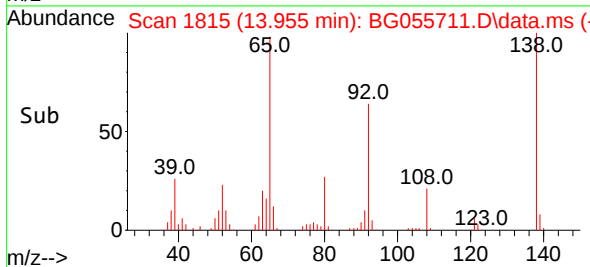
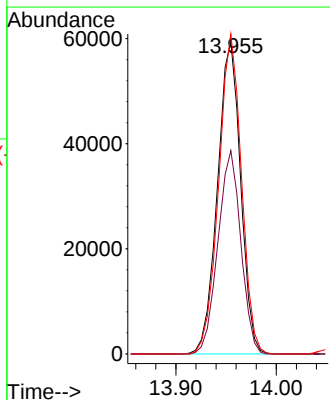
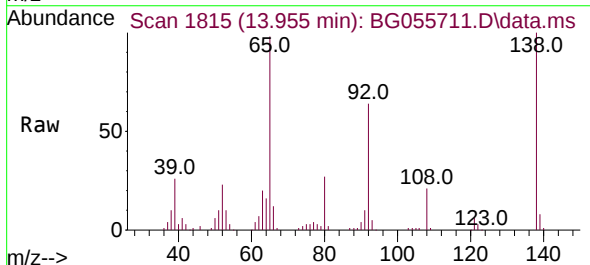
Manual Integrations
APPROVED

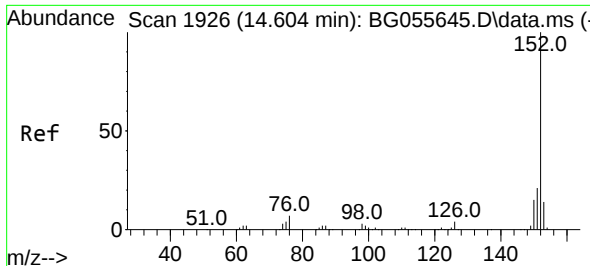
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#48
2-Nitroaniline
Concen: 38.452 ng
RT: 13.955 min Scan# 1815
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 65 Resp: 95066
Ion Ratio Lower Upper
65 100
92 65.1 50.1 75.1
138 102.4 79.4 119.0





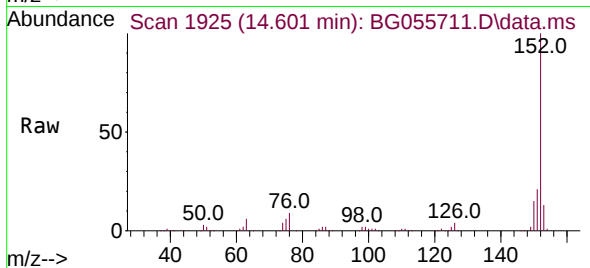
#49
Acenaphthylene
Concen: 36.741 ng
RT: 14.601 min Scan# 1925
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

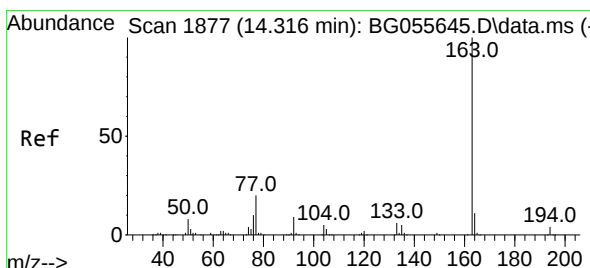
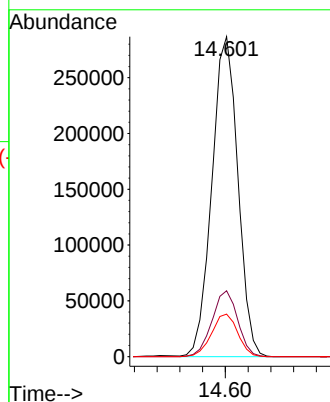
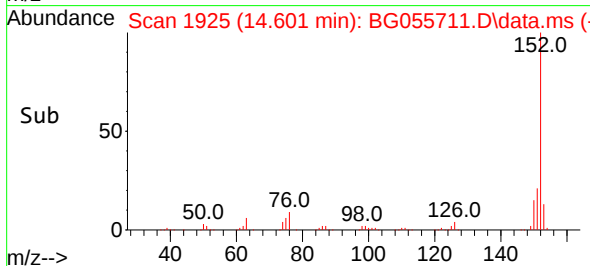


Tgt Ion:152 Resp: 454952
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.3 11.0 16.4

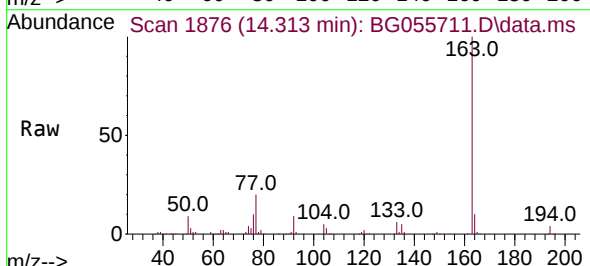
Manual Integrations

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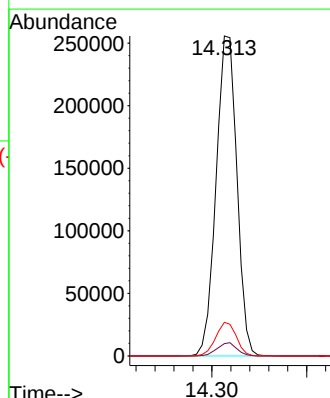
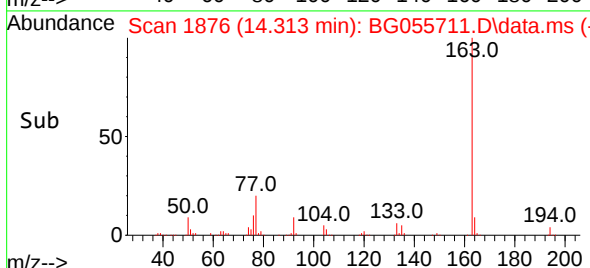
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

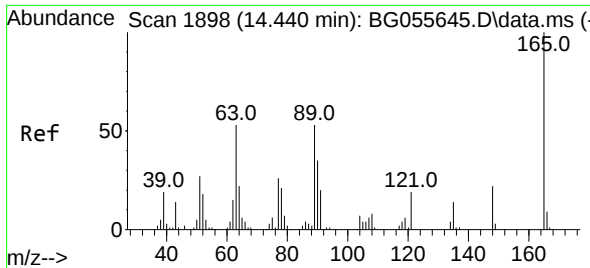


#50
Dimethylphthalate
Concen: 36.778 ng
RT: 14.313 min Scan# 1876
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



Tgt Ion:163 Resp: 389229
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.6 12.8





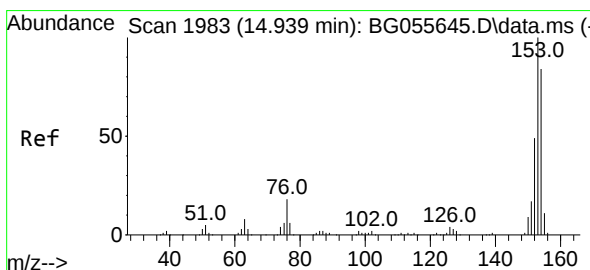
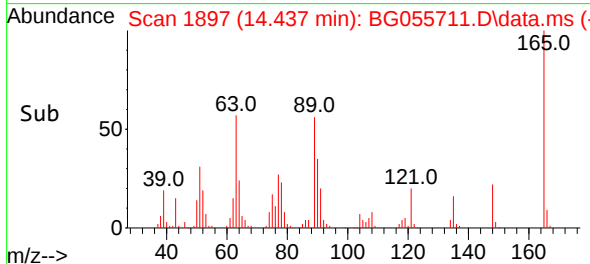
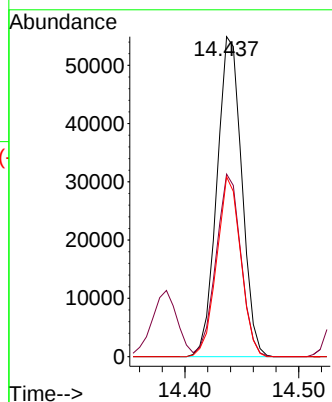
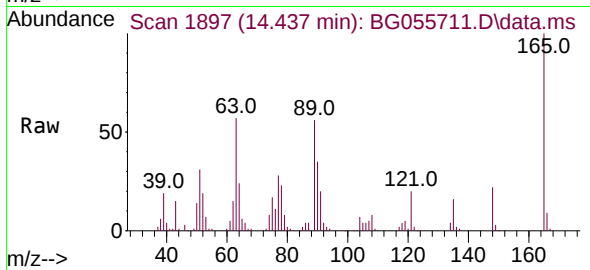
#51
2,6-Dinitrotoluene
Concen: 38.528 ng
RT: 14.437 min Scan# 1897
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB149157BS

Tgt Ion:165 Resp: 83373
Ion Ratio Lower Upper
165 100
63 57.0 44.6 66.8
89 56.2 42.2 63.4

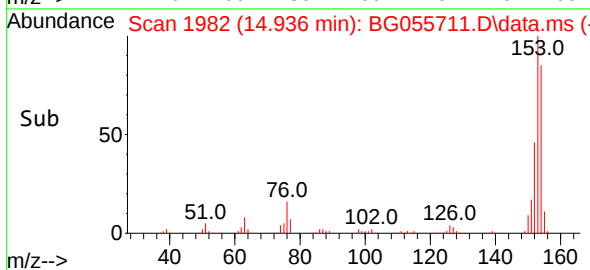
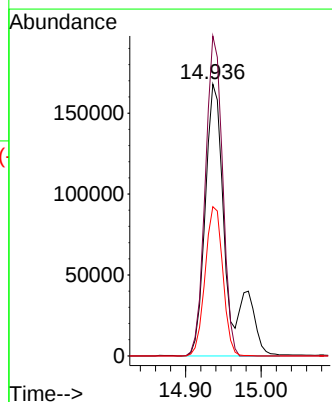
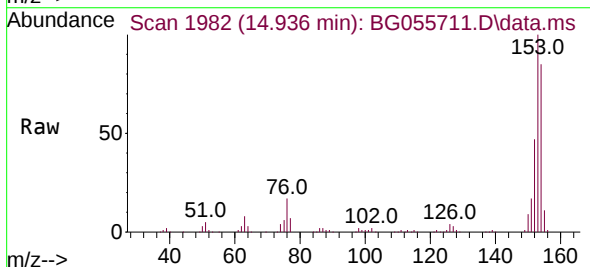
Manual Integrations
APPROVED

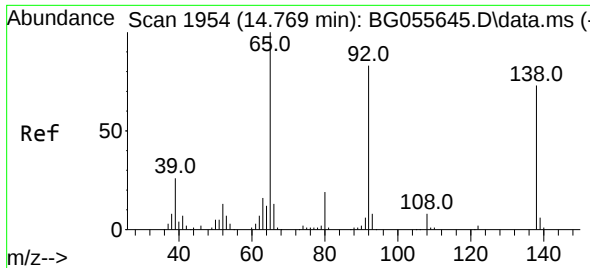
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#52
Acenaphthene
Concen: 41.002 ng m
RT: 14.936 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:154 Resp: 331831
Ion Ratio Lower Upper
154 100
153 117.7 95.0 142.4
152 54.9 46.1 69.1





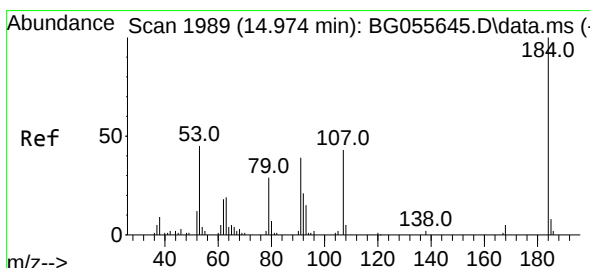
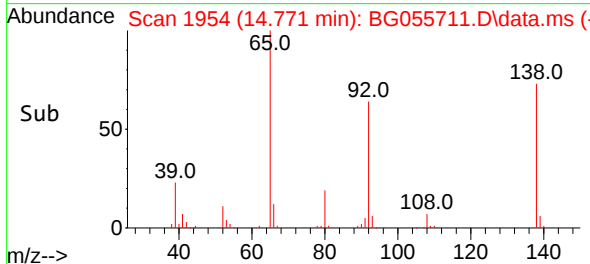
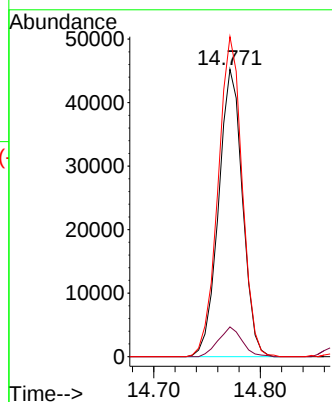
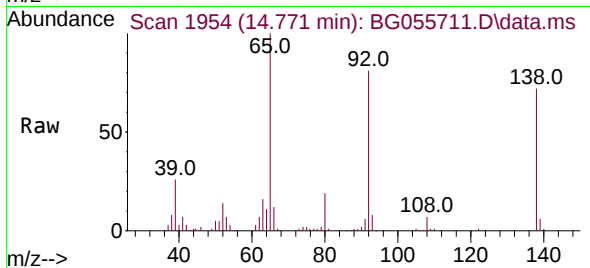
#53
3-Nitroaniline
Concen: 29.705 ng
RT: 14.771 min Scan# 1954
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB149157BS

Tgt Ion:138 Resp: 70563
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 111.4 91.0 136.6

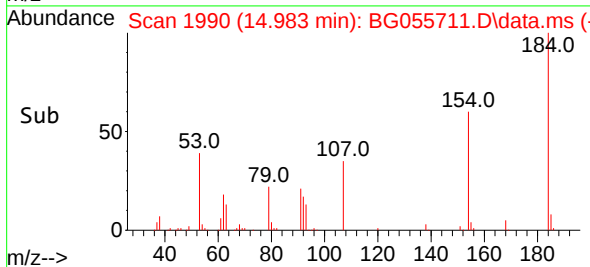
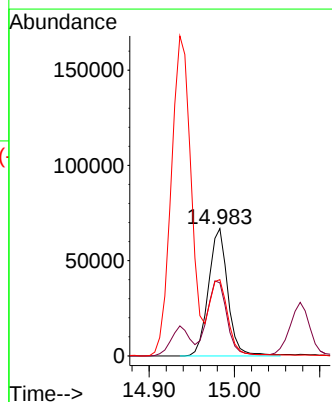
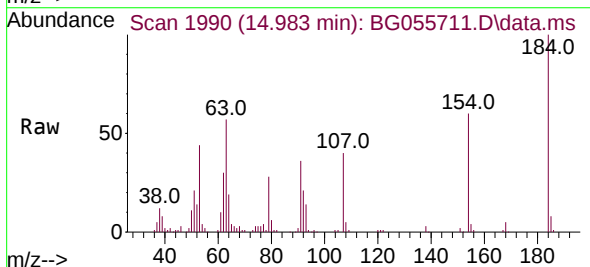
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#54
2,4-Dinitrophenol
Concen: 84.374 ng
RT: 14.983 min Scan# 1990
Delta R.T. 0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

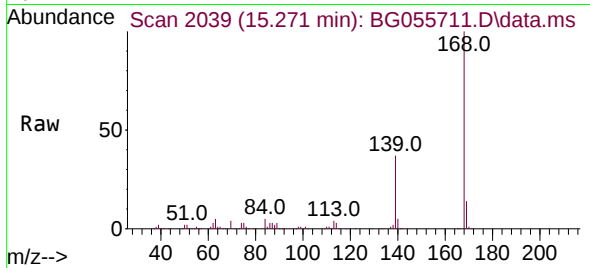
Tgt Ion:184 Resp: 104976
Ion Ratio Lower Upper
184 100
63 57.4 49.5 74.3
154 59.9 52.0 78.0





#55
Dibenzofuran
Concen: 36.630 ng
RT: 15.271 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

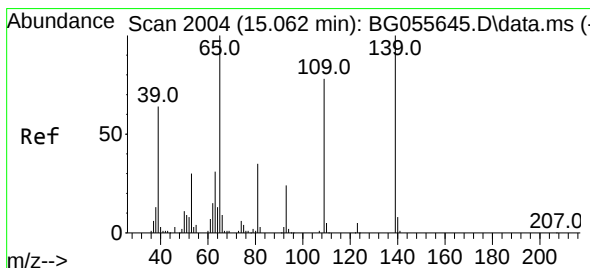
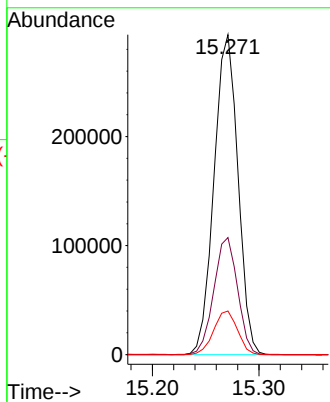
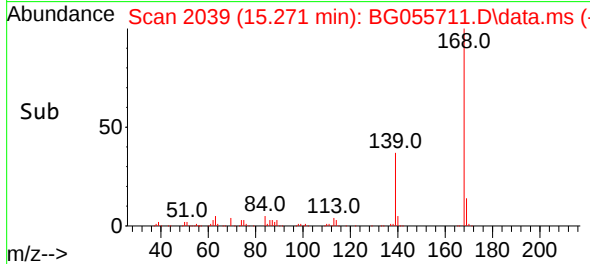
Instrument :
BNA_G
ClientSampleId :
PB149157BS



Tgt Ion:168 Resp: 457325
Ion Ratio Lower Upper
168 100
139 36.6 28.8 43.2
169 13.6 11.0 16.4

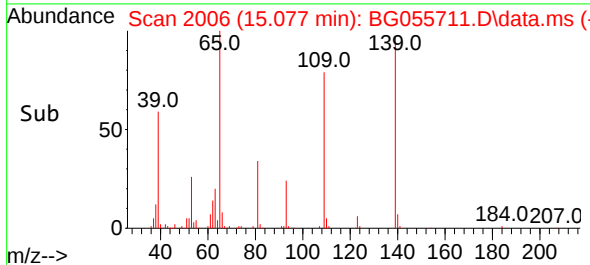
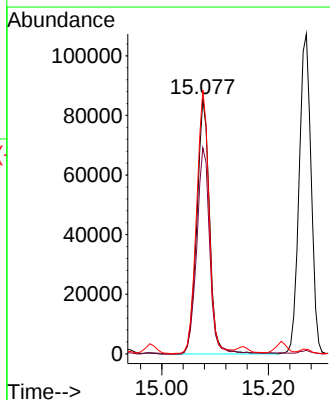
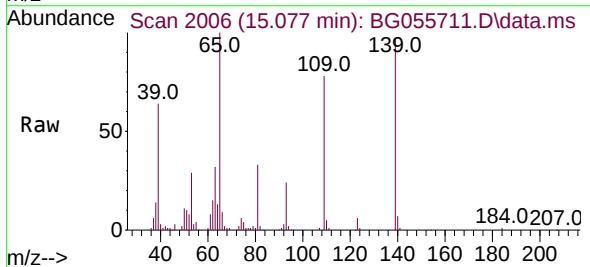
Manual Integrations
APPROVED

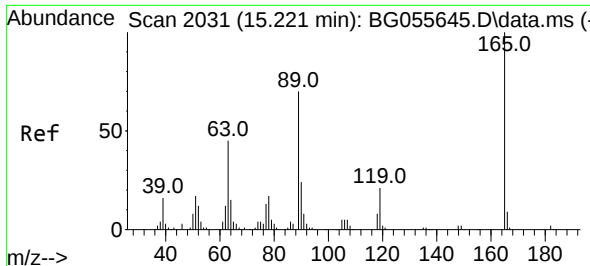
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#56
4-Nitrophenol
Concen: 76.084 ng
RT: 15.077 min Scan# 2006
Delta R.T. 0.015 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:139 Resp: 141852
Ion Ratio Lower Upper
139 100
109 80.8 58.6 98.6
65 103.5 80.5 120.5





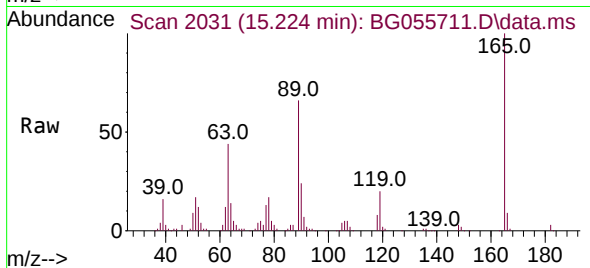
#57
2,4-Dinitrotoluene
Concen: 39.159 ng
RT: 15.224 min Scan# 2031
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

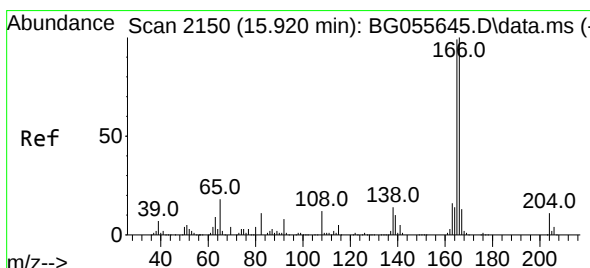
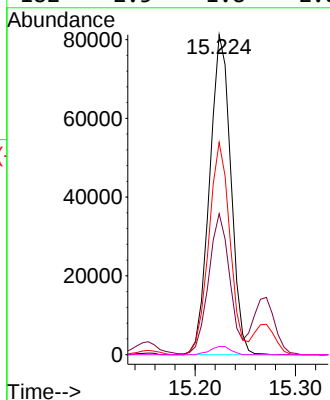
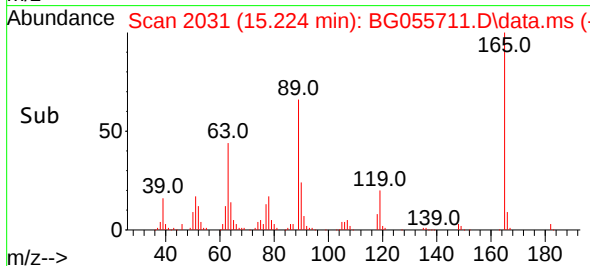


Tgt Ion:165 Resp: 119473
Ion Ratio Lower Upper
165 100
63 44.0 35.8 53.8
89 66.3 56.2 84.4
182 2.5 1.8 2.8

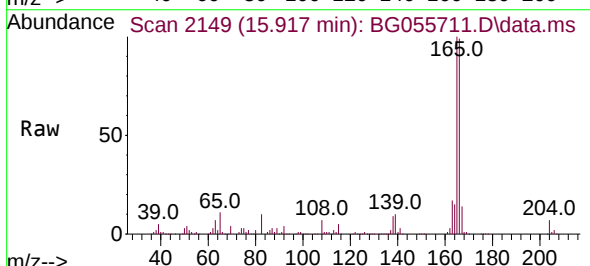
Manual Integrations

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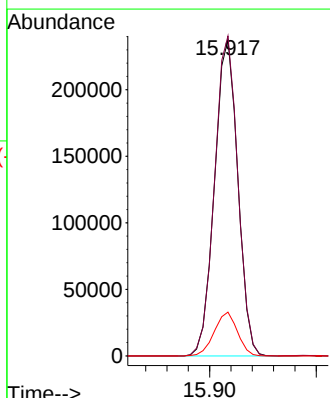
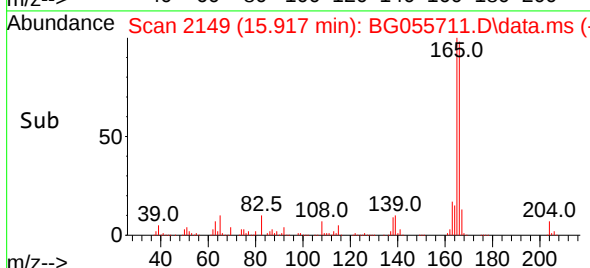
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

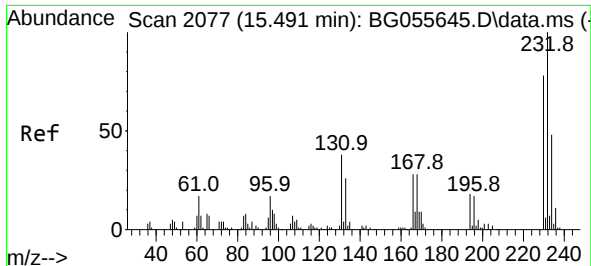


#58
Fluorene
Concen: 36.123 ng
RT: 15.917 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



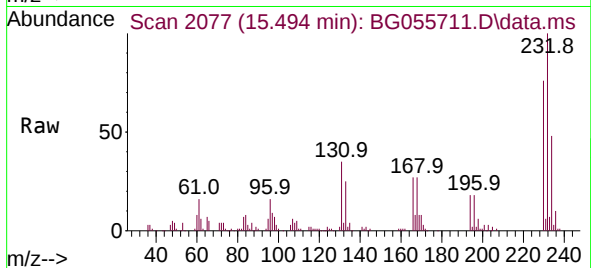
Tgt Ion:166 Resp: 360202
Ion Ratio Lower Upper
166 100
165 101.2 79.3 118.9
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.831 ng
RT: 15.494 min Scan# 2077
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

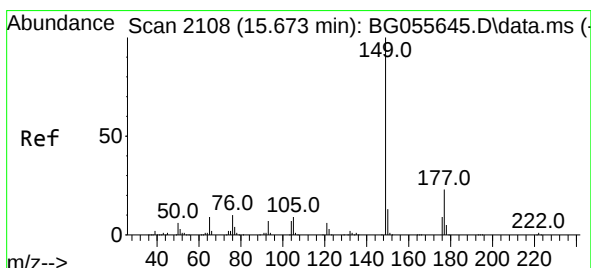
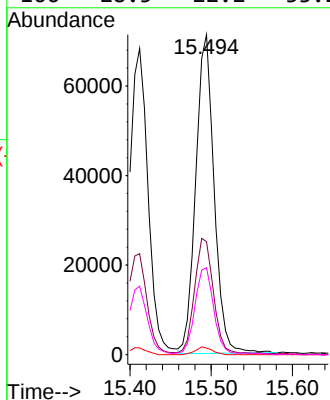
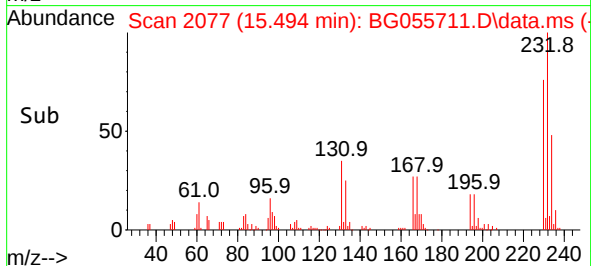
Instrument :
BNA_G
ClientSampleId :
PB149157BS



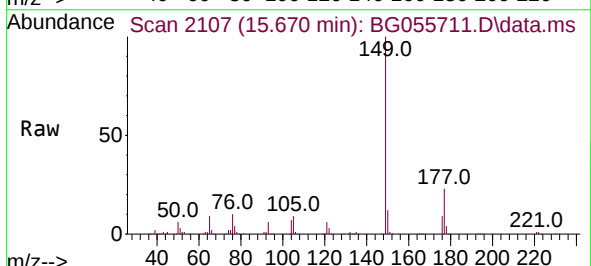
Tgt Ion:232 Resp: 111613
Ion Ratio Lower Upper
232 100
131 37.0 29.8 44.8
130 2.2 1.7 2.5
166 28.5 22.2 33.2

Manual Integrations
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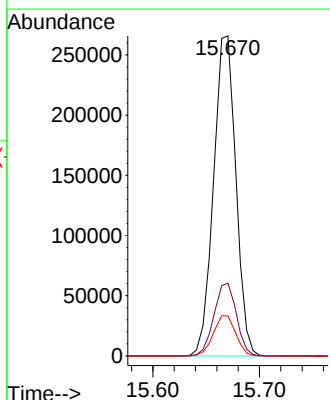
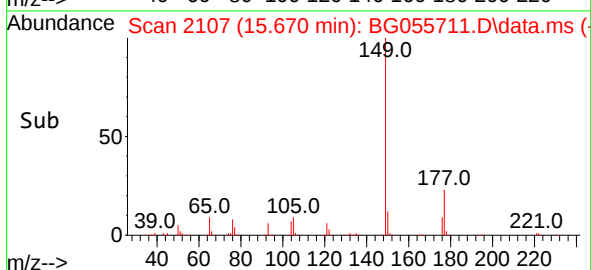
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

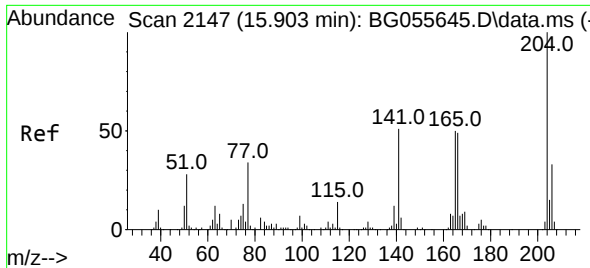


#60
Diethylphthalate
Concen: 36.217 ng
RT: 15.670 min Scan# 2107
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



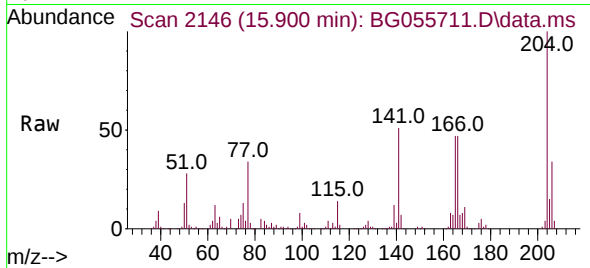
Tgt Ion:149 Resp: 387522
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.565 ng
RT: 15.900 min Scan# 2147
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

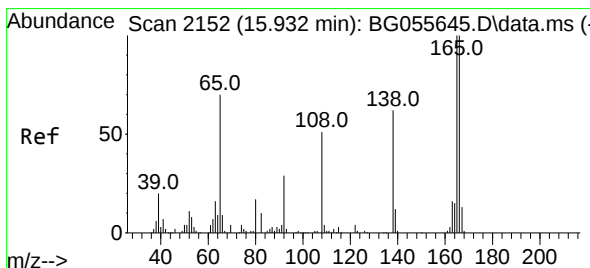
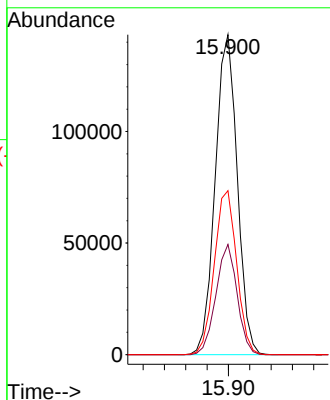
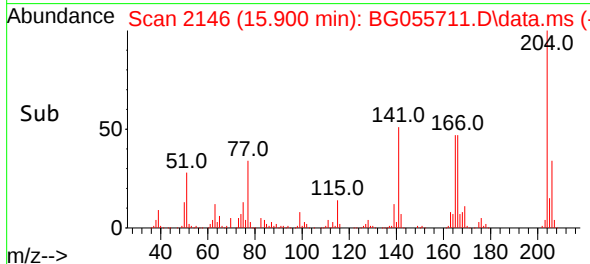
Instrument :
BNA_G
ClientSampleId :
PB149157BS



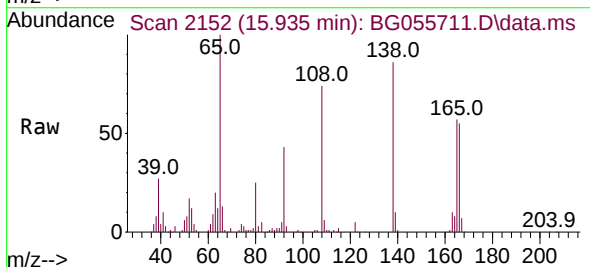
Tgt Ion:204 Resp: 205907
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 51.2 40.6 61.0

Manual Integrations
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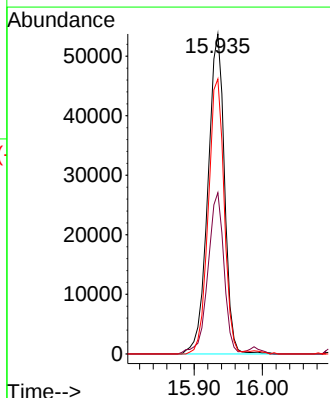
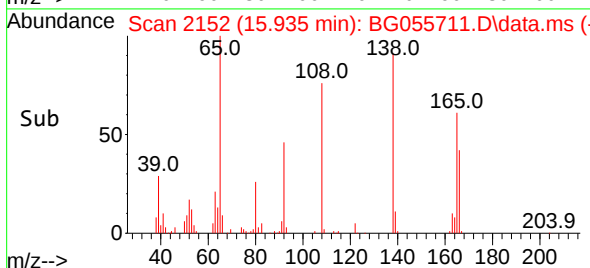
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

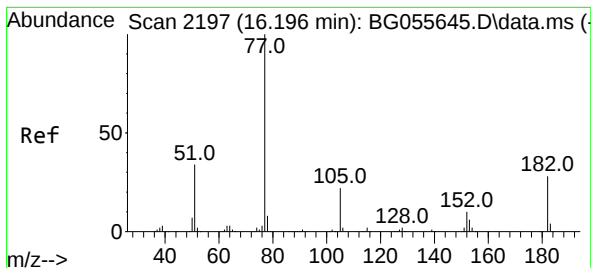


#62
4-Nitroaniline
Concen: 36.536 ng
RT: 15.935 min Scan# 2152
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



Tgt Ion:138 Resp: 90725
Ion Ratio Lower Upper
138 100
92 50.4 27.3 67.3
108 86.0 62.8 102.8





#63

Azobenzene

Concen: 35.940 ng

RT: 16.193 min Scan# 2196

Delta R.T. -0.003 min

Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

Tgt Ion: 77 Resp: 335730

Ion Ratio Lower Upper

77 100

182 28.5 8.1 48.1

105 21.3 1.8 41.8

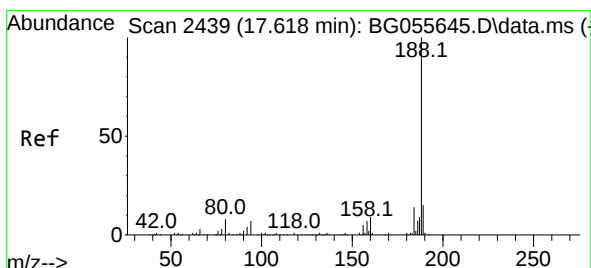
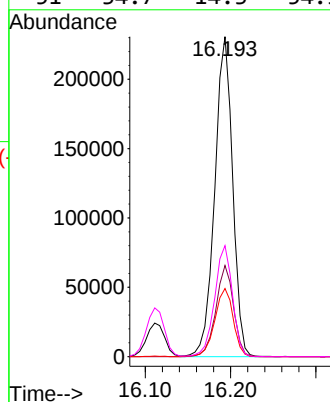
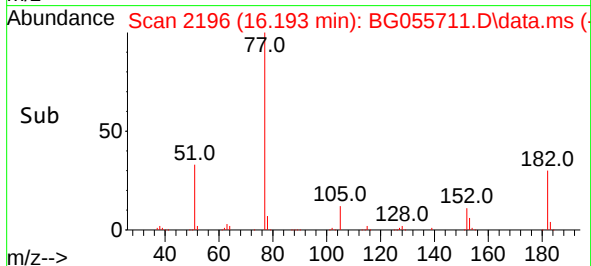
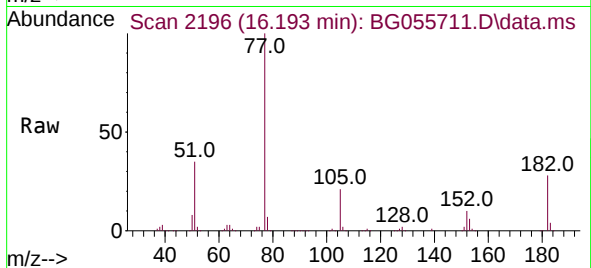
51 34.7 14.3 54.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2438

Delta R.T. -0.003 min

Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

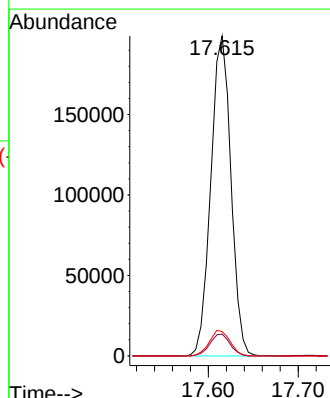
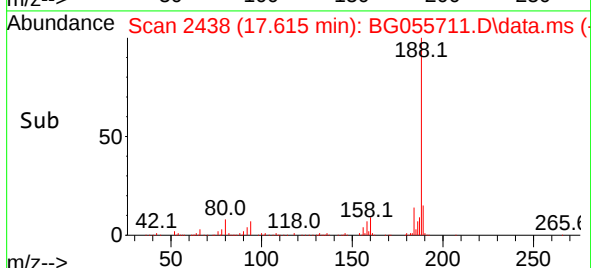
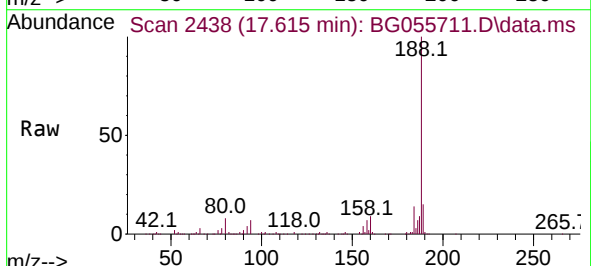
Tgt Ion:188 Resp: 309982

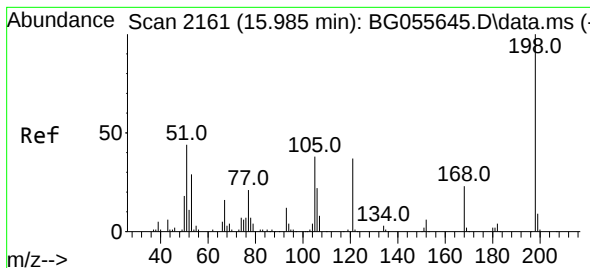
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.6 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.673 ng
RT: 15.988 min Scan# 2161
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

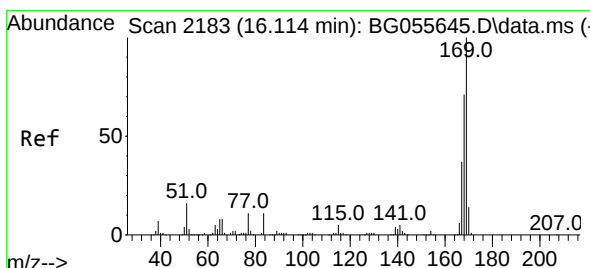
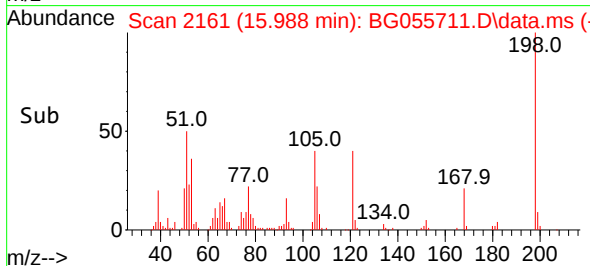
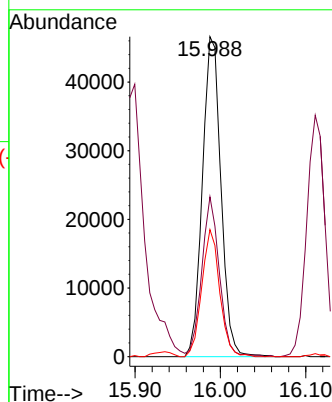
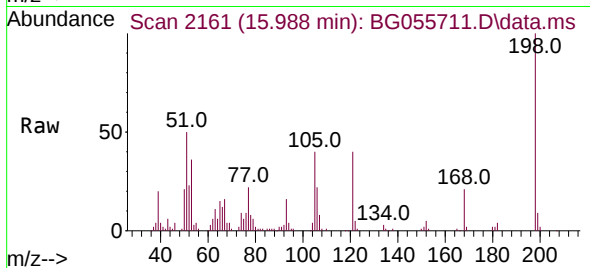
PB149157BS

Tgt Ion:198 Resp: 7040
Ion Ratio Lower Upper
198 100
51 49.9 27.7 67.7
105 39.7 19.3 59.3

Manual Integrations

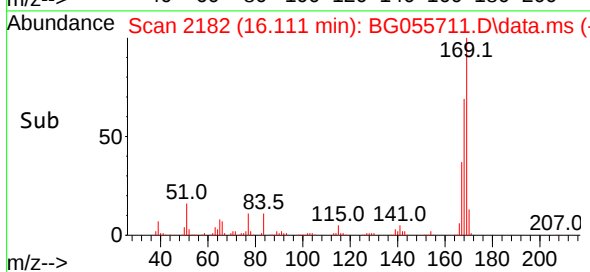
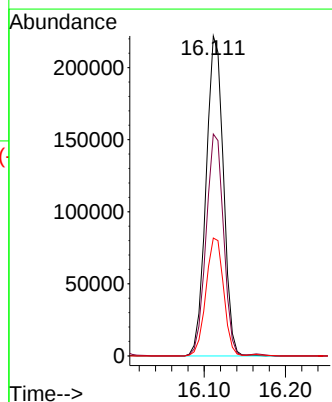
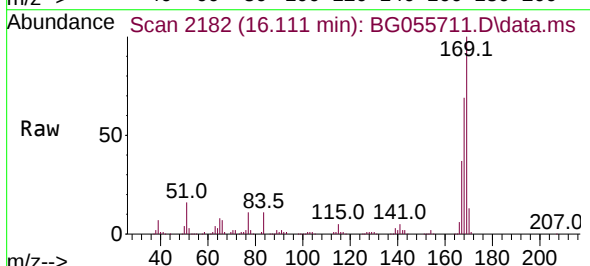
APPROVED

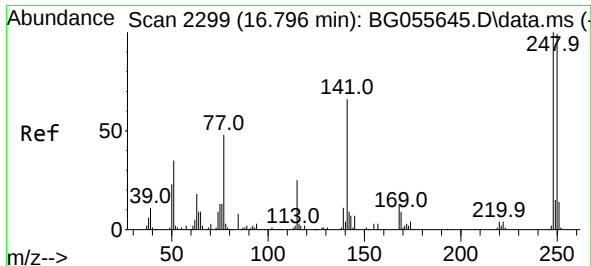
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#66
n-Nitrosodiphenylamine
Concen: 38.443 ng
RT: 16.111 min Scan# 2182
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

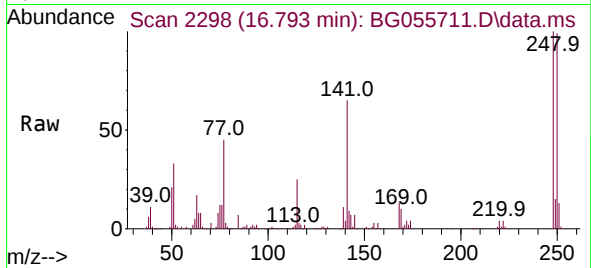
Tgt Ion:169 Resp: 328407
Ion Ratio Lower Upper
169 100
168 69.3 56.6 85.0
167 36.8 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 38.608 ng
RT: 16.793 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

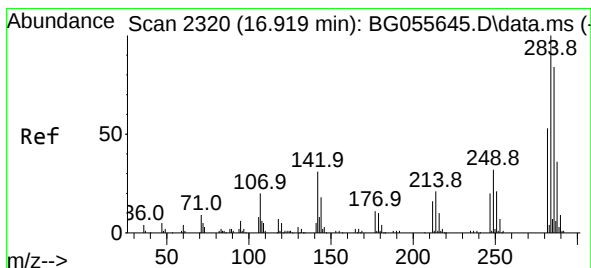
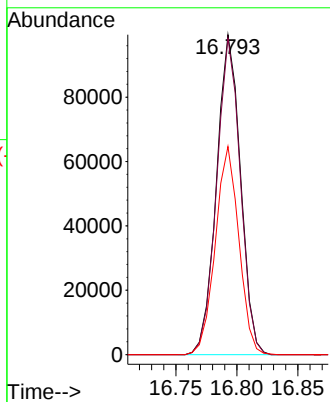
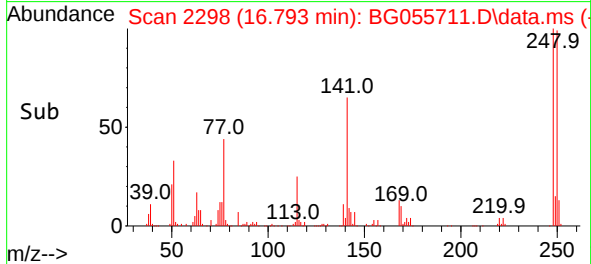
Instrument :
BNA_G
ClientSampleId :
PB149157BS



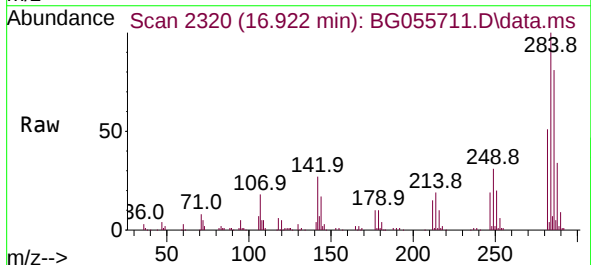
Tgt Ion:248 Resp: 136361
Ion Ratio Lower Upper
248 100
250 98.9 79.0 118.4
141 65.0 52.9 79.3

Manual Integrations
APPROVED

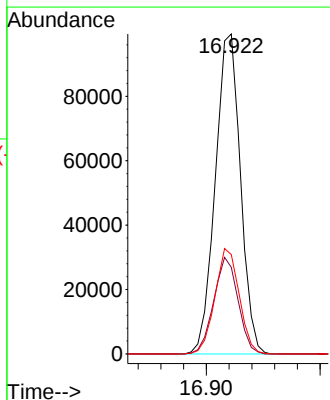
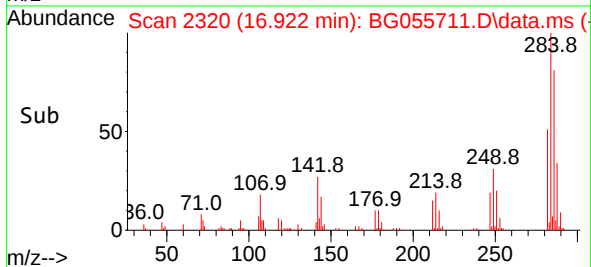
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

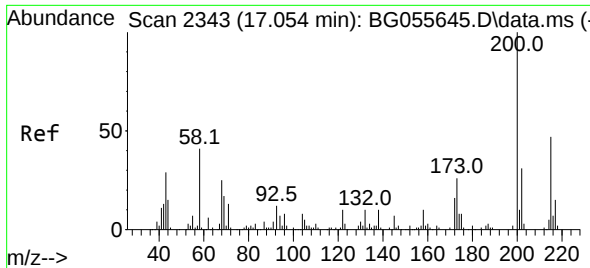


#68
Hexachlorobenzene
Concen: 38.935 ng
RT: 16.922 min Scan# 2320
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



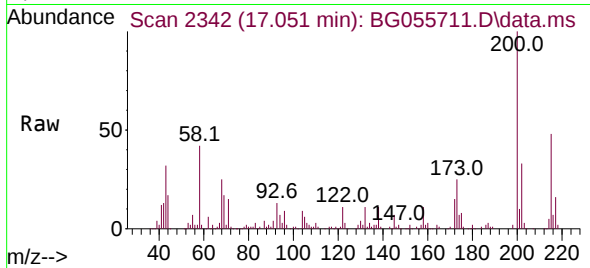
Tgt Ion:284 Resp: 152481
Ion Ratio Lower Upper
284 100
142 27.0 24.8 37.2
249 31.0 25.7 38.5





#69
 Atrazine
 Concen: 41.542 ng
 RT: 17.051 min Scan# 2342
 Delta R.T. -0.003 min
 Lab File: BG055711.D
 Acq: 21 Nov 2022 11:53

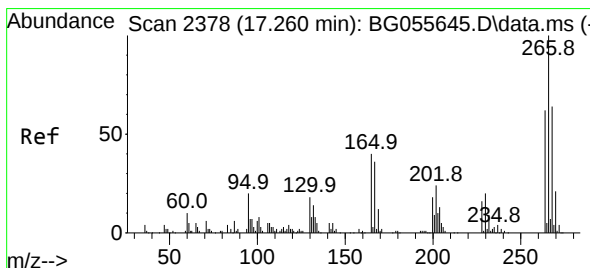
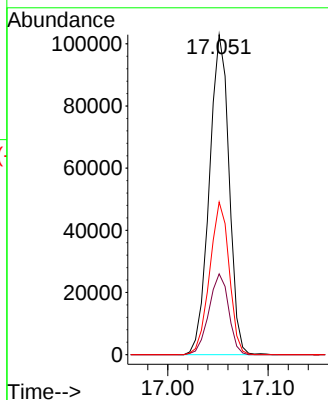
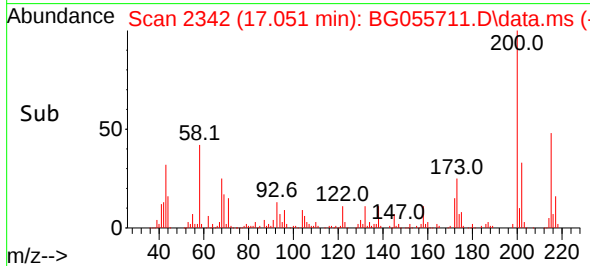
Instrument :
 BNA_G
 ClientSampleId :
 PB149157BS



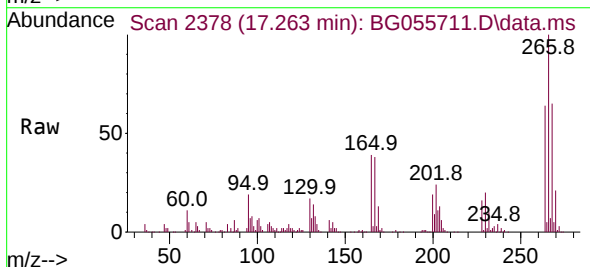
Tgt Ion:200 Resp: 140356
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.6 45.6
 215 47.7 27.2 67.2

Manual Integrations
 APPROVED

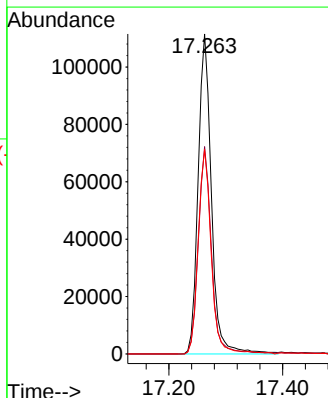
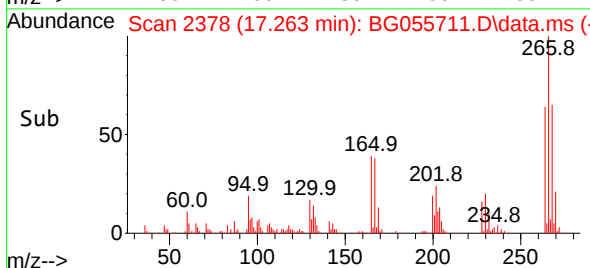
Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022

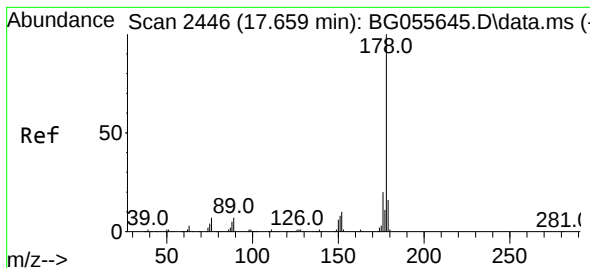


#70
 Pentachlorophenol
 Concen: 75.261 ng
 RT: 17.263 min Scan# 2378
 Delta R.T. 0.003 min
 Lab File: BG055711.D
 Acq: 21 Nov 2022 11:53



Tgt Ion:266 Resp: 180303
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.2 76.8
 264 63.9 49.5 74.3





#71

Phenanthrene

Concen: 36.689 ng

RT: 17.656 min Scan# 2446

Delta R.T. -0.003 min

Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

Tgt Ion:178 Resp: 613725

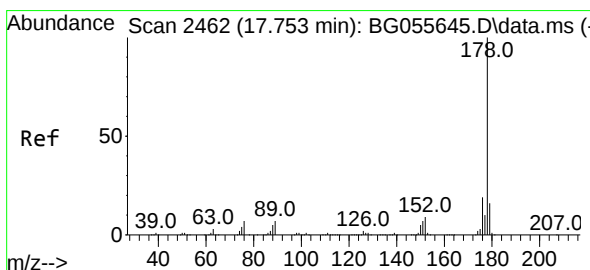
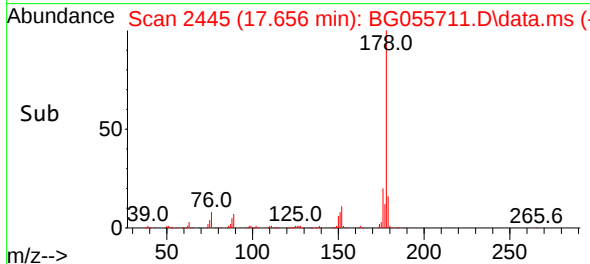
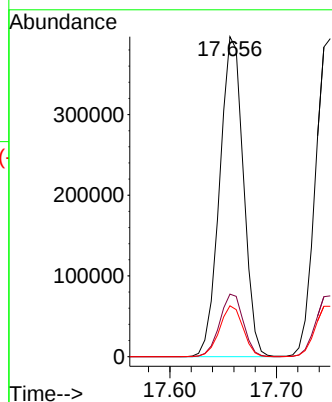
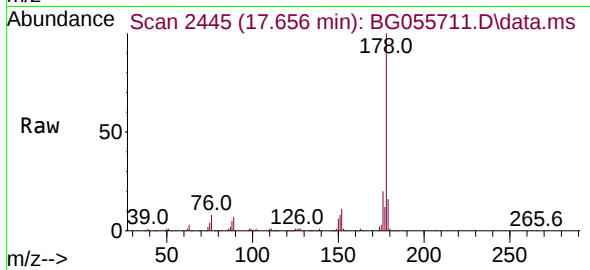
Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.9	12.7	19.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#72

Anthracene

Concen: 38.140 ng

RT: 17.750 min Scan# 2461

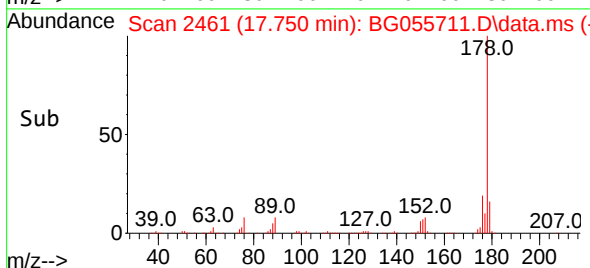
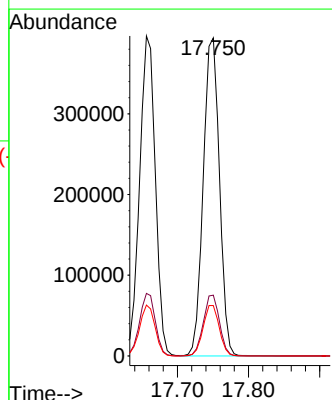
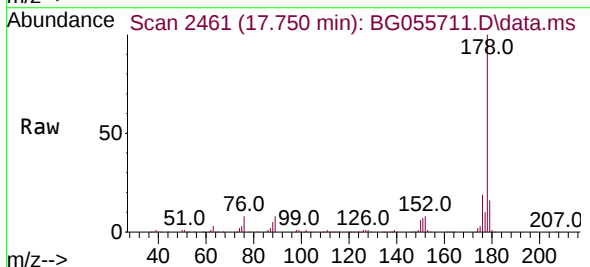
Delta R.T. -0.003 min

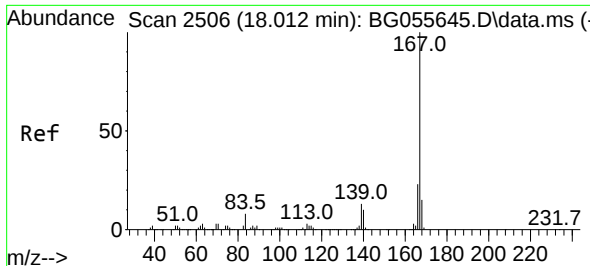
Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

Tgt Ion:178 Resp: 619899

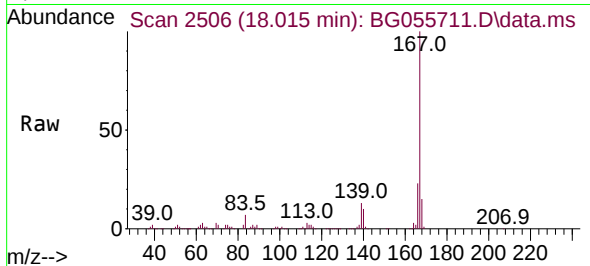
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.8	12.5	18.7





#73
 Carbazole
 Concen: 38.173 ng
 RT: 18.015 min Scan# 2506
 Delta R.T. 0.003 min
 Lab File: BG055711.D
 Acq: 21 Nov 2022 11:53

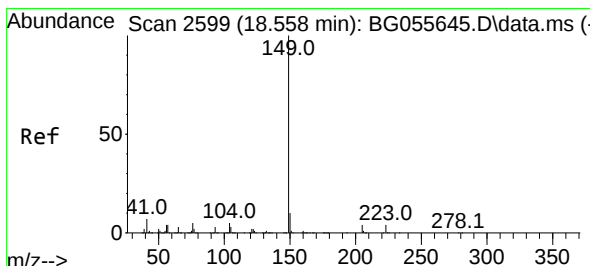
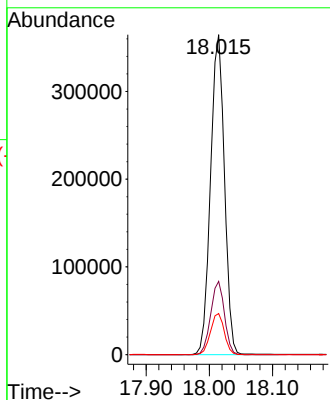
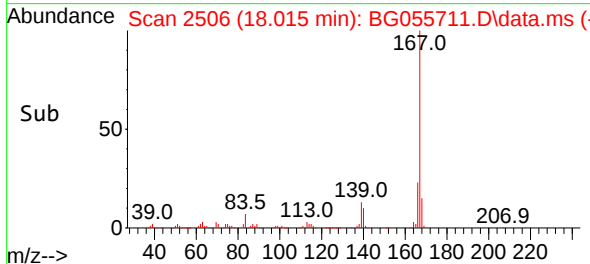
Instrument :
 BNA_G
 ClientSampleId :
 PB149157BS



Tgt Ion:167 Resp: 557761
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 12.8 10.2 15.4

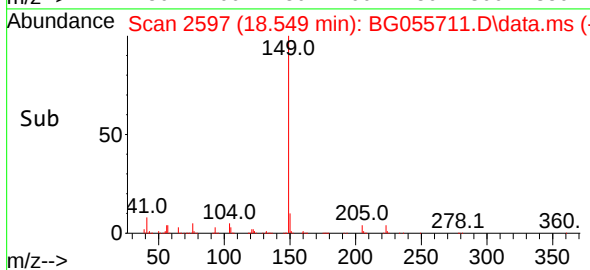
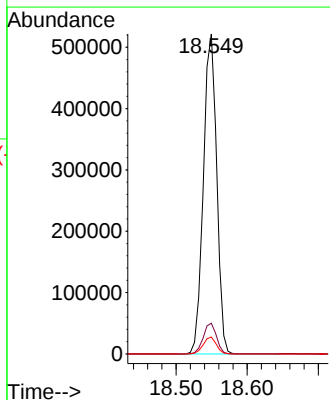
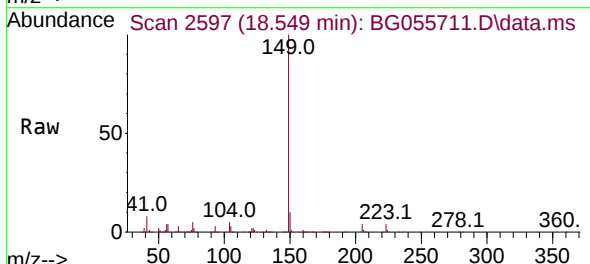
Manual Integrations
 APPROVED

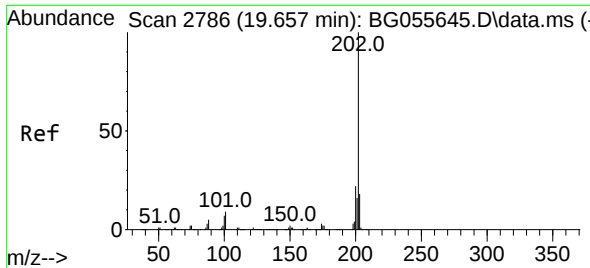
Reviewed By :Christian Giraldo 11/22/2022
 Supervised By :Jagrut Upadhyay 11/22/2022



#74
 Di-n-butylphthalate
 Concen: 37.216 ng
 RT: 18.549 min Scan# 2597
 Delta R.T. -0.009 min
 Lab File: BG055711.D
 Acq: 21 Nov 2022 11:53

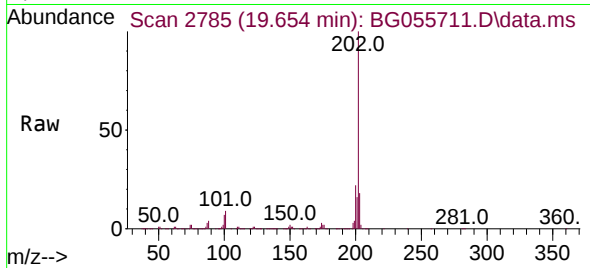
Tgt Ion:149 Resp: 675219
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 35.120 ng
RT: 19.654 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

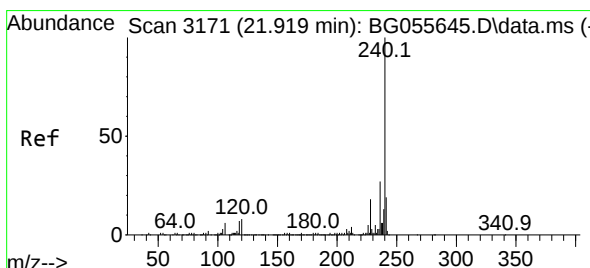
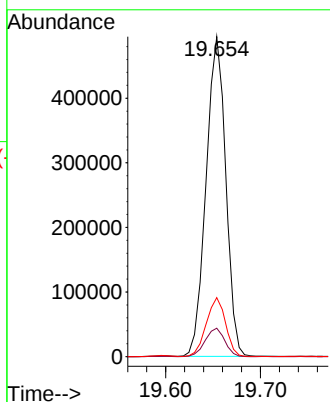
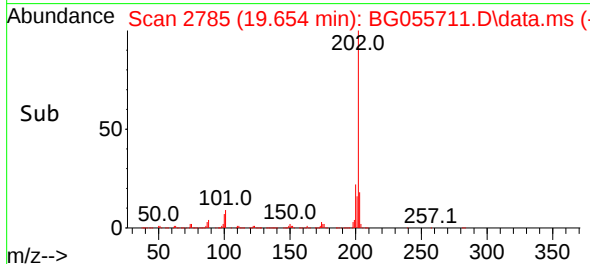
Instrument :
BNA_G
ClientSampleId :
PB149157BS



Tgt Ion:202 Resp: 714710
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 18.4 0.0 38.1

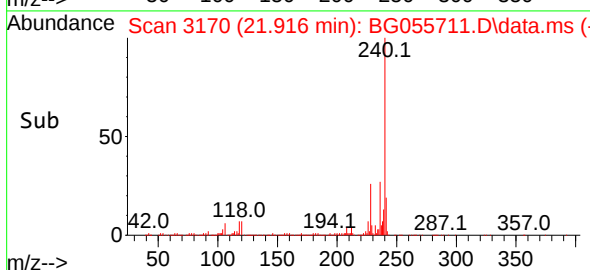
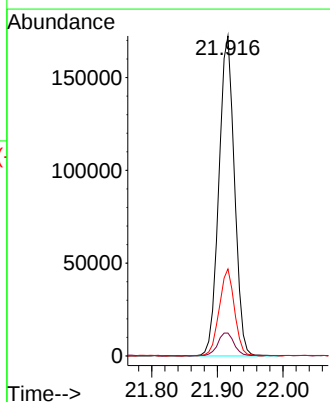
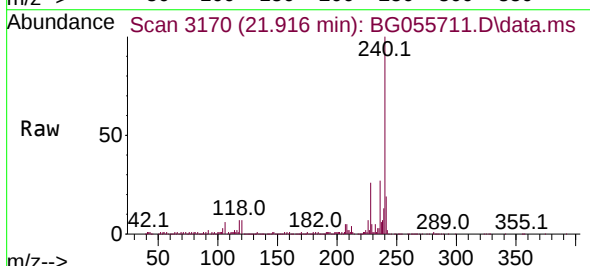
Manual Integrations
APPROVED

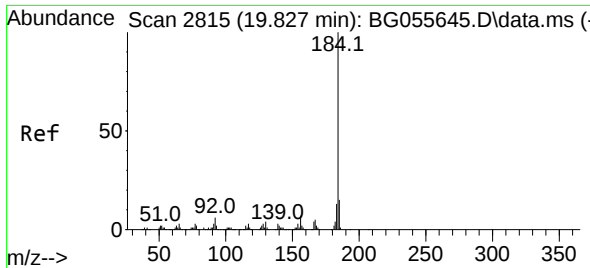
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

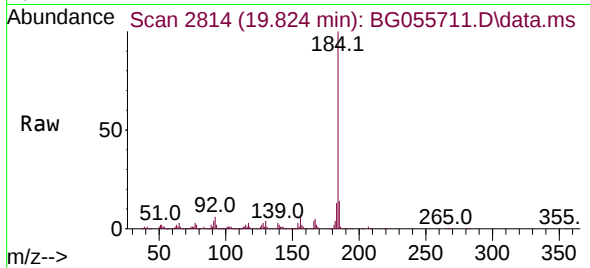
Tgt Ion:240 Resp: 285112
Ion Ratio Lower Upper
240 100
120 7.1 6.3 9.5
236 27.2 21.9 32.9





#77
Benzidine
Concen: 59.725 ng
RT: 19.824 min Scan# 2814
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

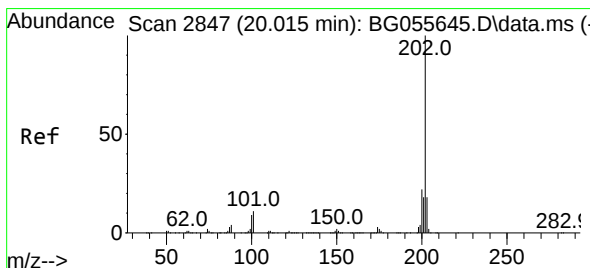
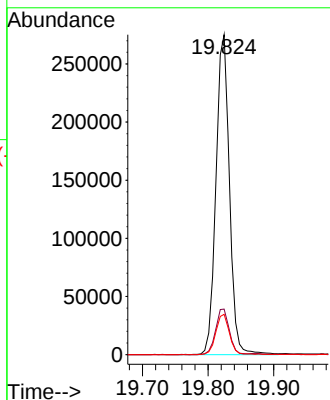
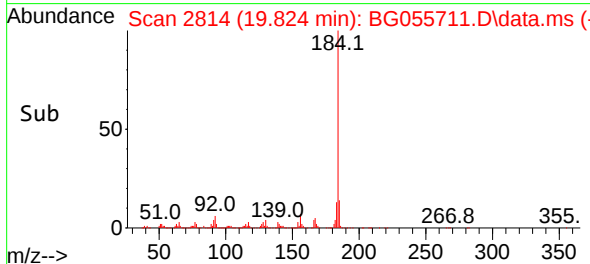
Instrument :
BNA_G
ClientSampleId :
PB149157BS



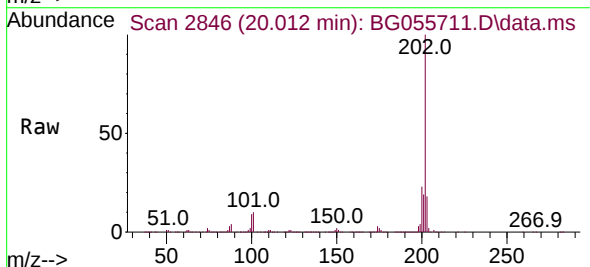
Tgt Ion:184 Resp: 393938
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 12.6 10.6 15.8

Manual Integrations
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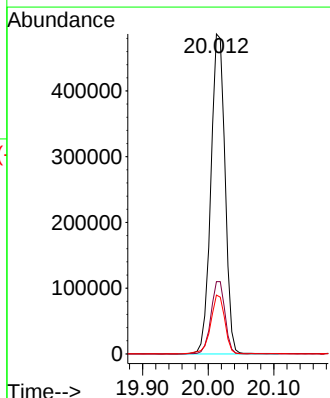
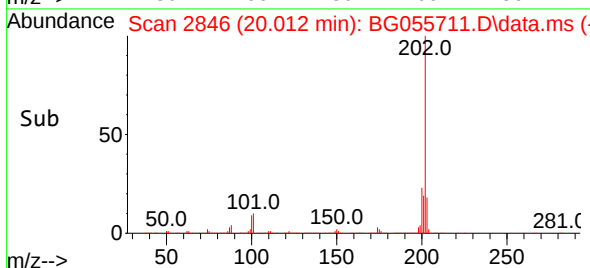
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

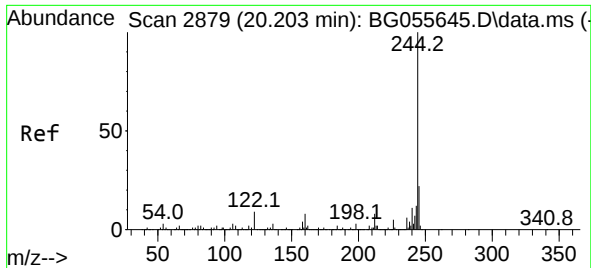


#78
Pyrene
Concen: 37.766 ng
RT: 20.012 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



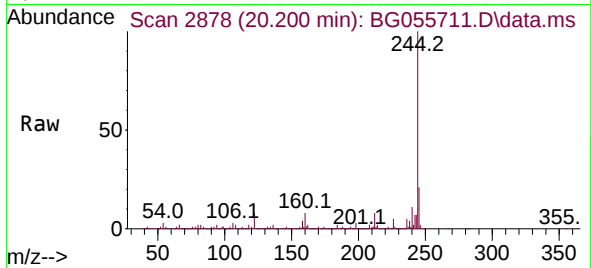
Tgt Ion:202 Resp: 728840
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 18.4 14.4 21.6





#79
Terphenyl-d14
Concen: 78.505 ng
RT: 20.200 min Scan# 2879
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

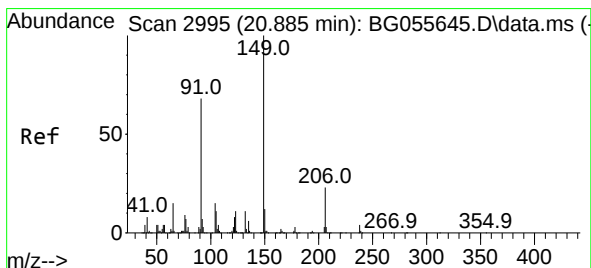
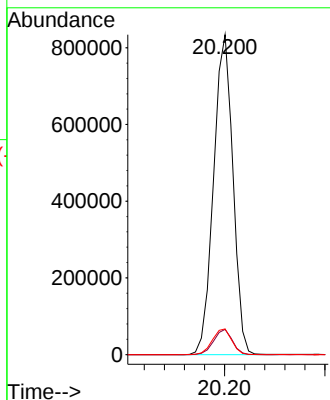
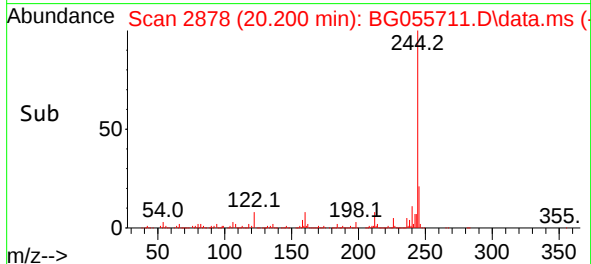
Instrument :
BNA_G
ClientSampleId :
PB149157BS



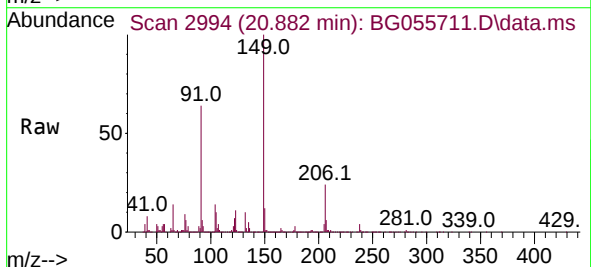
Tgt Ion:244 Resp: 1119062
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.0 6.9 10.3

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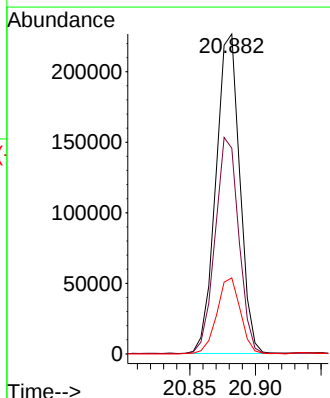
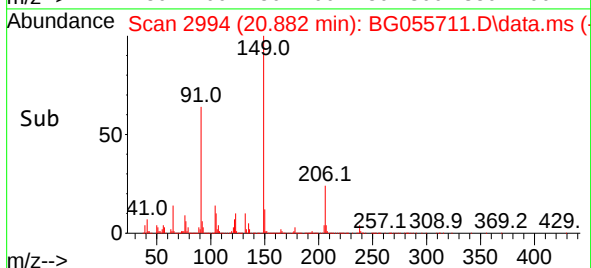
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

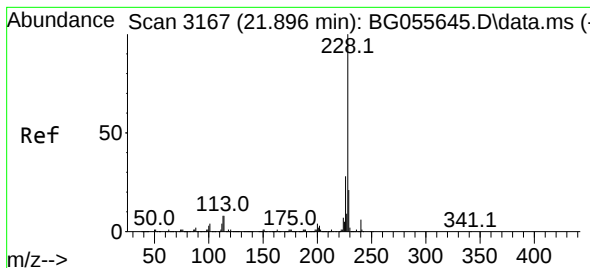


#80
Butylbenzylphthalate
Concen: 37.999 ng
RT: 20.882 min Scan# 2994
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



Tgt Ion:149 Resp: 287082
Ion Ratio Lower Upper
149 100
91 64.3 54.6 81.8
206 23.7 18.3 27.5





#81

Benzo(a)anthracene

Concen: 37.066 ng

RT: 21.893 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB149157BS

Tgt Ion:228 Resp: 727872

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

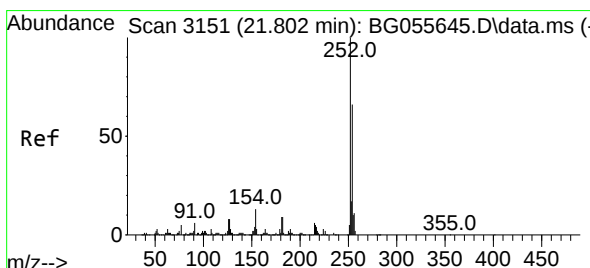
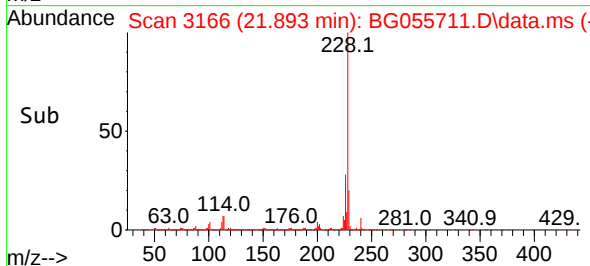
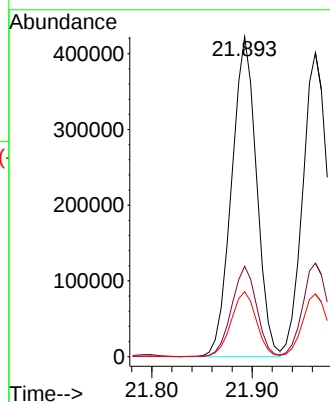
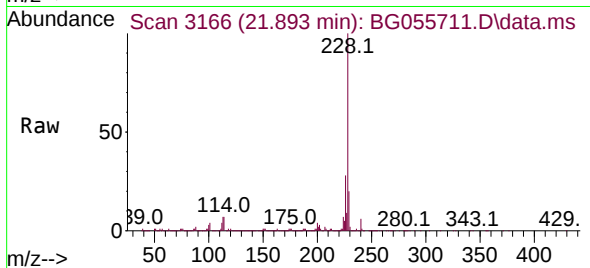
229 20.3 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/22/2022

Supervised By :Jagrut Upadhyay 11/22/2022



#82

3,3'-Dichlorobenzidine

Concen: 34.533 ng

RT: 21.799 min Scan# 3150

Delta R.T. -0.003 min

Lab File: BG055711.D

Acq: 21 Nov 2022 11:53

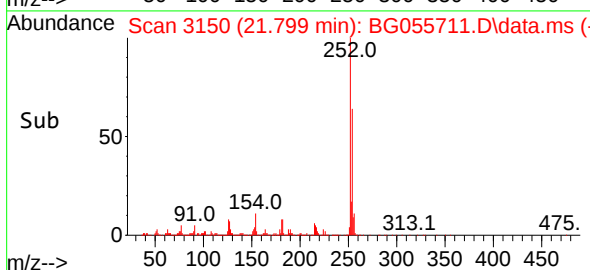
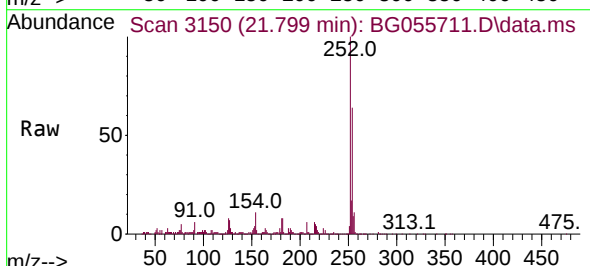
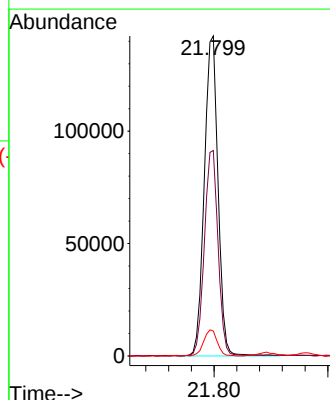
Tgt Ion:252 Resp: 238288

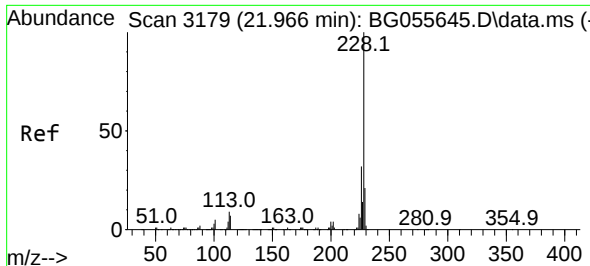
Ion Ratio Lower Upper

252 100

254 64.2 53.0 79.6

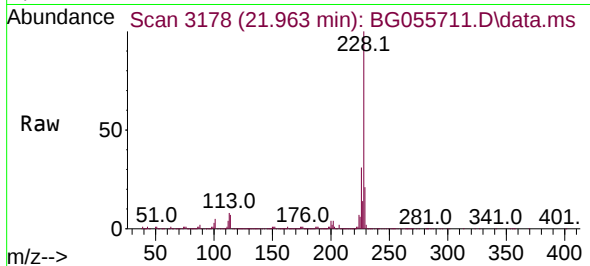
126 7.8 6.7 10.1





#83
Chrysene
Concen: 36.661 ng
RT: 21.963 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

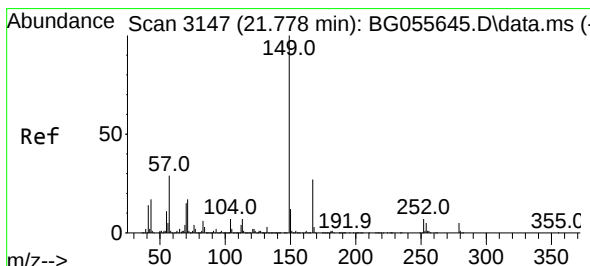
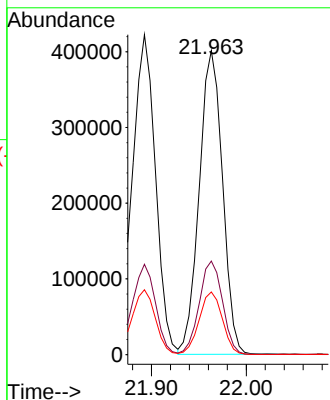
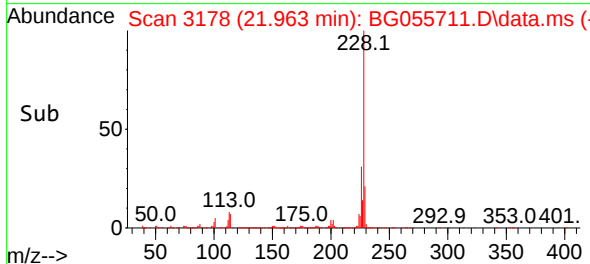
Instrument :
BNA_G
ClientSampleId :
PB149157BS



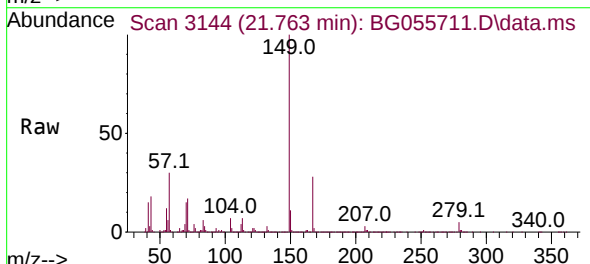
Tgt Ion:228 Resp: 685366
Ion Ratio Lower Upper
228 100
226 30.7 25.4 38.2
229 20.6 17.1 25.7

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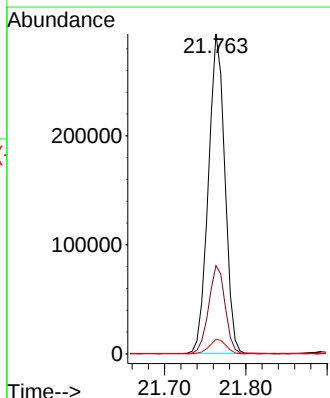
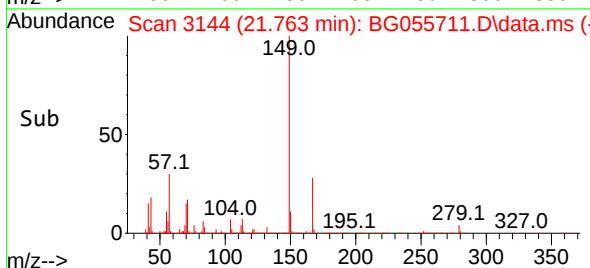
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

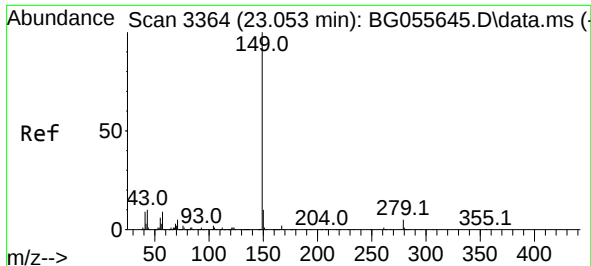


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.058 ng
RT: 21.763 min Scan# 3144
Delta R.T. -0.015 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



Tgt Ion:149 Resp: 413217
Ion Ratio Lower Upper
149 100
167 27.6 22.0 33.0
279 4.5 3.7 5.5





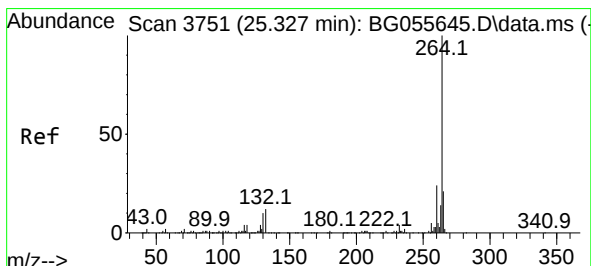
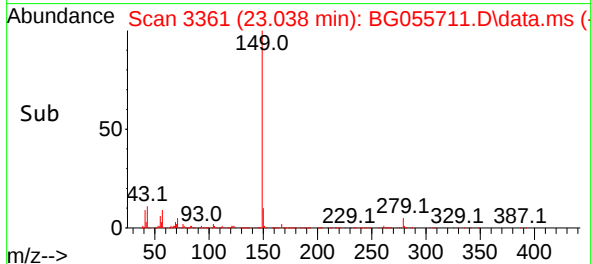
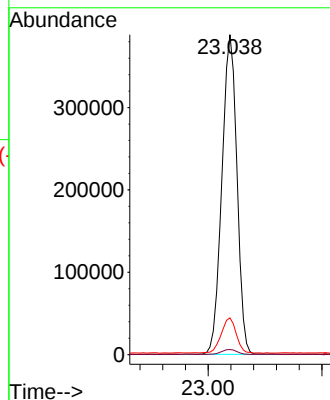
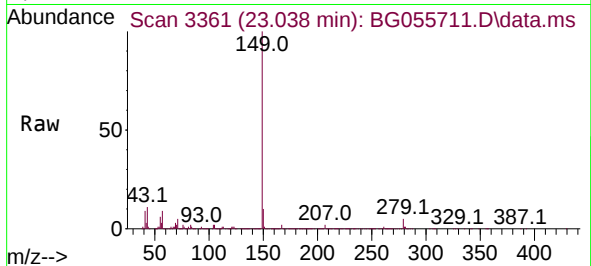
#85
Di-n-octyl phthalate
Concen: 38.253 ng
RT: 23.038 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB149157BS

Tgt Ion:149 Resp: 710775
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 8.4 12.6

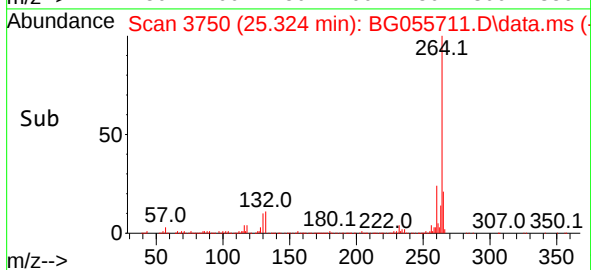
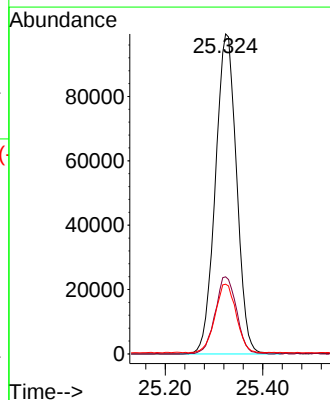
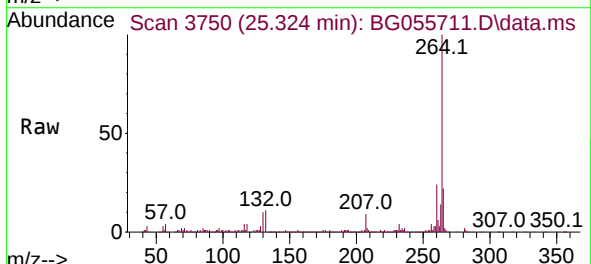
Manual Integrations
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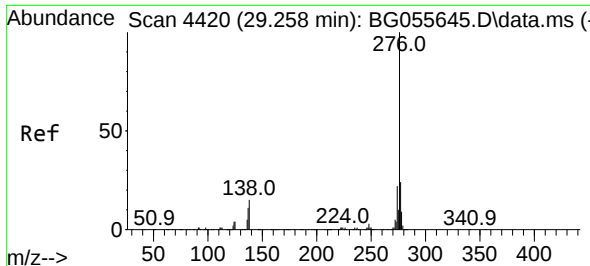
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.324 min Scan# 3750
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:264 Resp: 298804
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.8 17.1 25.7





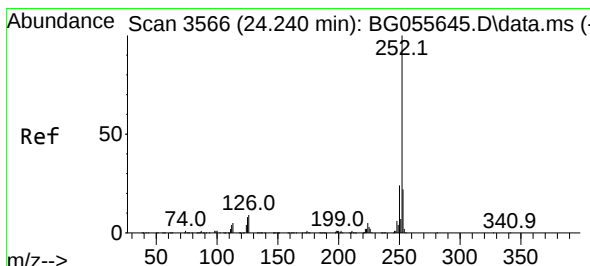
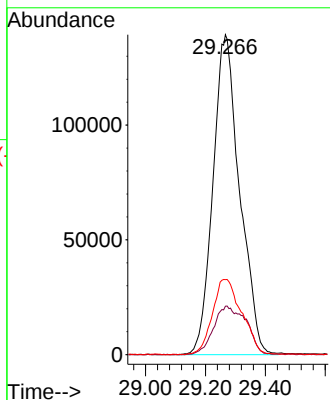
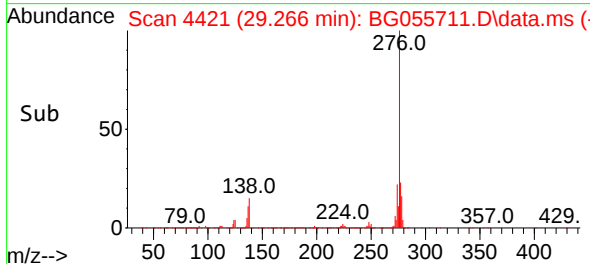
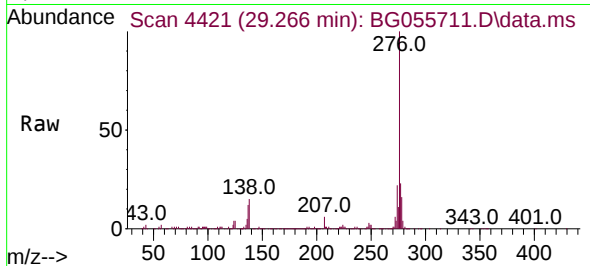
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.342 ng
RT: 29.266 min Scan# 4421
Delta R.T. 0.009 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB149157BS

Tgt Ion:276 Resp: 865125
Ion Ratio Lower Upper
276 100
138 18.6 10.4 15.6
277 25.9 20.2 30.4

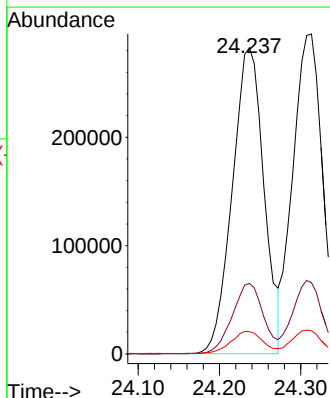
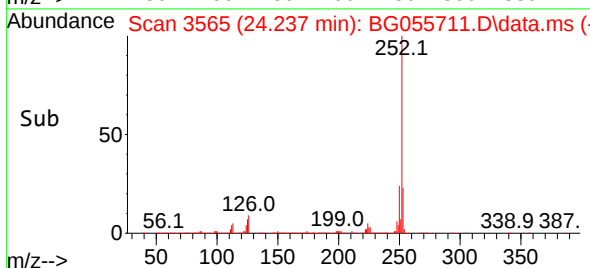
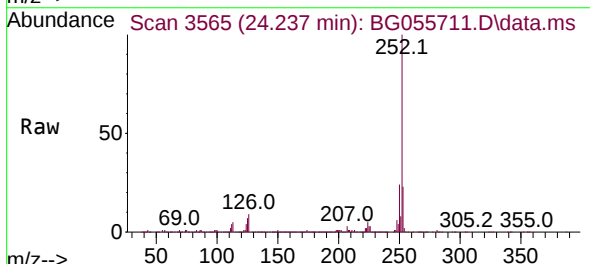
Manual Integrations
APPROVED

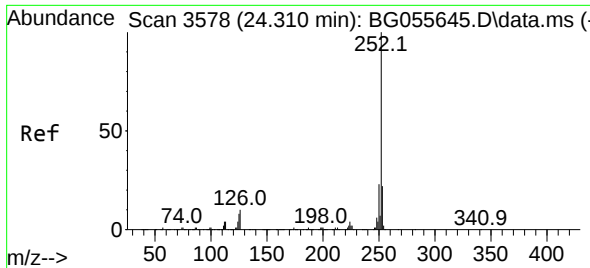
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#88
Benzo(b)fluoranthene
Concen: 39.288 ng
RT: 24.237 min Scan# 3565
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

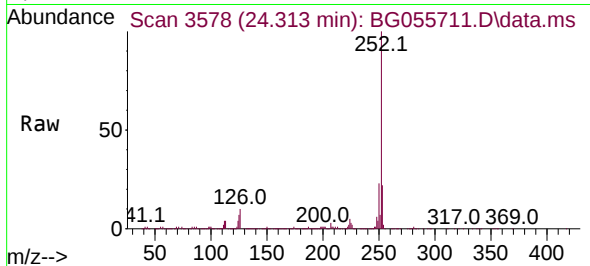
Tgt Ion:252 Resp: 764541
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 7.2 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 38.417 ng
RT: 24.313 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

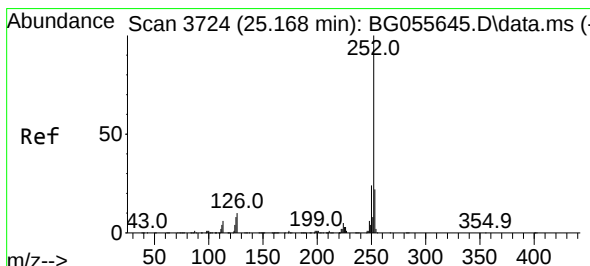
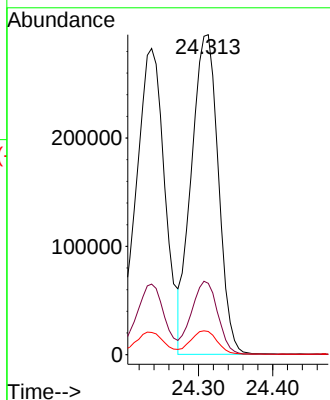
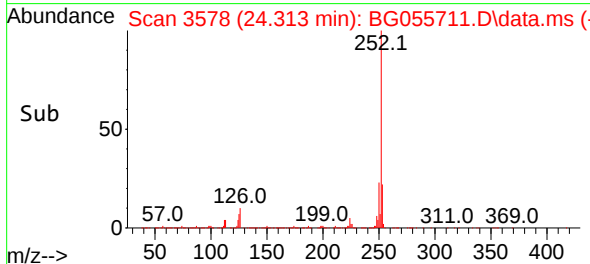
Instrument :
BNA_G
ClientSampleId :
PB149157BS



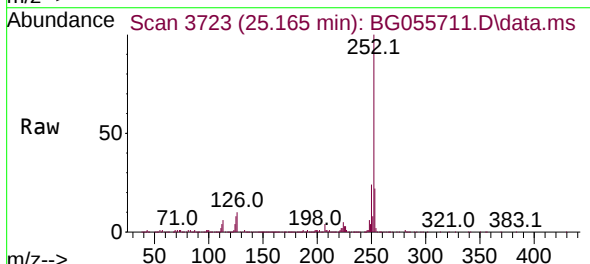
Tgt Ion:252 Resp: 745205
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 7.2 6.1 9.1

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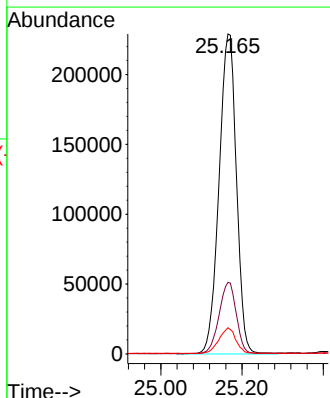
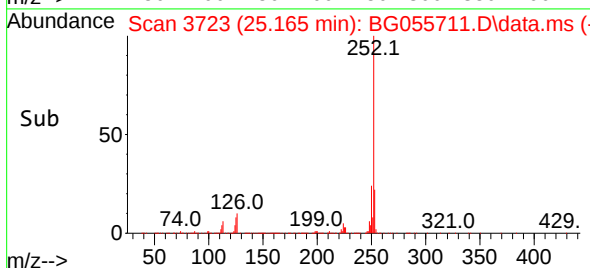
Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

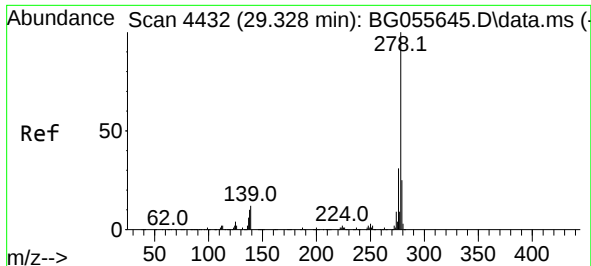


#90
Benzo(a)pyrene
Concen: 40.565 ng
RT: 25.165 min Scan# 3723
Delta R.T. -0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53



Tgt Ion:252 Resp: 677396
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.2 6.4 9.6





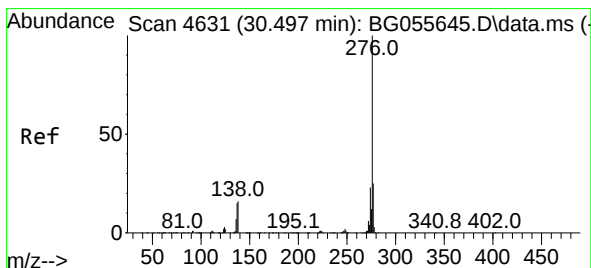
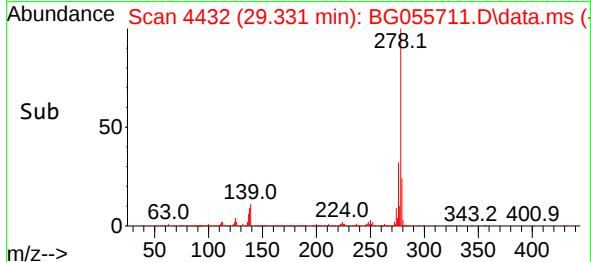
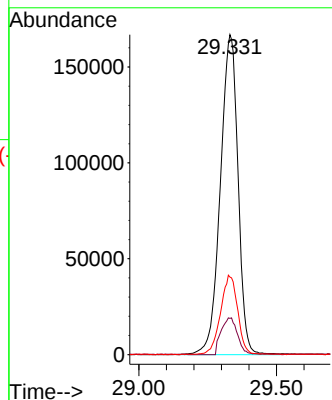
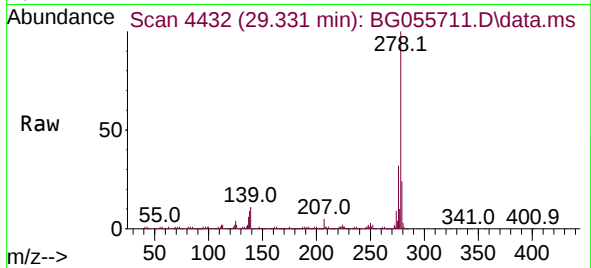
#91
Dibenzo(a,h)anthracene
Concen: 37.203 ng
RT: 29.331 min Scan# 4432
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Instrument :
BNA_G
ClientSampleId :
PB149157BS

Tgt Ion:278 Resp: 744185
Ion Ratio Lower Upper
278 100
139 11.3 9.8 14.8
279 24.2 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022



#92
Benzo(g,h,i)perylene
Concen: 35.985 ng
RT: 30.500 min Scan# 4631
Delta R.T. 0.003 min
Lab File: BG055711.D
Acq: 21 Nov 2022 11:53

Tgt Ion:276 Resp: 725487
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.6
138 16.2 13.1 19.7

