

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
 Data File : BG055201.D
 Acq On : 17 Oct 2022 20:53
 Operator : CG/JU
 Sample : N5150-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-C2(0-6)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/18/2022
 Supervised By : Jagrut Upadhyay 10/18/2022

Quant Time: Oct 18 04:43:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	24726	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	108104	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	80083	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	197078	20.000	ng	0.00
76) Chrysene-d12	21.931	240	188004	20.000	ng	0.00
86) Perylene-d12	25.350	264	202545	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	193792	153.340	ng	0.00
7) Phenol-d6	7.442	99	264951	141.722	ng	0.00
23) Nitrobenzene-d5	9.475	82	161414	80.069	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	158473	137.719	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	417552	85.173	ng	0.00
79) Terphenyl-d14	20.215	244	779757	83.533	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	23163	43.314	ng	98
3) Pyridine	4.052	79	62978	37.347	ng	99
4) n-Nitrosodimethylamine	3.964	42	36550	40.845	ng	95
6) Aniline	7.612	93	100348	41.801	ng	98
8) 2-Chlorophenol	7.859	128	81287	52.745	ng	99
9) Benzaldehyde	7.424	77	41122	32.706	ng	95
10) Phenol	7.471	94	107630	51.820	ng	97
11) bis(2-Chloroethyl)ether	7.700	93	69028	46.987	ng	99
12) 1,3-Dichlorobenzene	8.188	146	86149	48.095	ng	96
13) 1,4-Dichlorobenzene	8.335	146	87479	48.373	ng	97
14) 1,2-Dichlorobenzene	8.658	146	85527	49.385	ng	97
15) Benzyl Alcohol	8.535	79	77264	46.229	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.823	45	105838	43.096	ng	96
17) 2-Methylphenol	8.734	107	73957	49.490	ng	96
18) Hexachloroethane	9.398	117	29568	48.230	ng	98
19) n-Nitroso-di-n-propyla...	9.105	70	63670	42.199	ng	96
20) 3+4-Methylphenols	9.063	107	100696	46.964	ng	95
22) Acetophenone	9.128	105	124366	46.464	ng	# 97
24) Nitrobenzene	9.516	77	92205	44.209	ng	97
25) Isophorone	10.039	82	174583	44.594	ng	97
26) 2-Nitrophenol	10.233	139	48240	48.817	ng	97
27) 2,4-Dimethylphenol	10.280	122	85195m	56.690	ng	
28) bis(2-Chloroethoxy)met...	10.515	93	98184	50.605	ng	99
29) 2,4-Dichlorophenol	10.767	162	90220	50.230	ng	99
30) 1,2,4-Trichlorobenzene	10.991	180	88262	45.555	ng	99
31) Naphthalene	11.185	128	257880	45.359	ng	99
32) Benzoic acid	10.409	122	52672	41.319	ng	94
33) 4-Chloroaniline	11.279	127	81338	33.284	ng	97
34) Hexachlorobutadiene	11.461	225	57693	46.701	ng	96
35) Caprolactam	12.048	113	30754m	41.680	ng	
36) 4-Chloro-3-methylphenol	12.377	107	97228	48.003	ng	97
37) 2-Methylnaphthalene	12.765	142	190828	44.823	ng	97
38) 1-Methylnaphthalene	12.982	142	181988	43.814	ng	99
40) 1,2,4,5-Tetrachloroben...	13.123	216	112819	49.948	ng	99
41) Hexachlorocyclopentadiene	13.100	237	132995	117.838	ng	99
43) 2,4,6-Trichlorophenol	13.353	196	81540	49.667	ng	98

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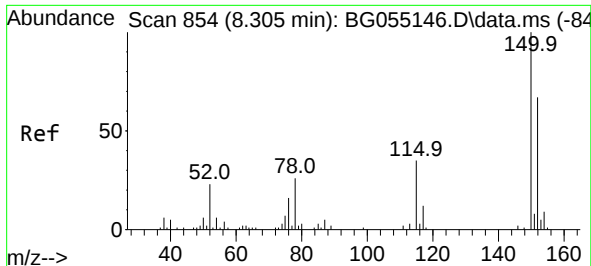
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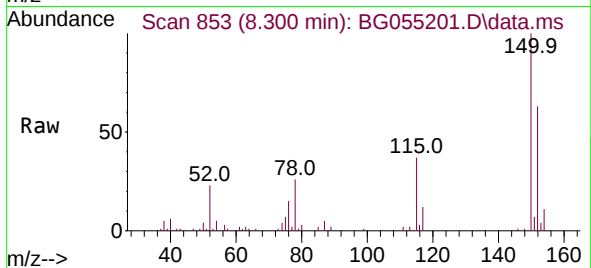
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	88966	48.836	ng	97
46) 1,1'-Biphenyl	13.752	154	267277	50.270	ng	98
47) 2-Chloronaphthalene	13.799	162	207849	48.328	ng	97
48) 2-Nitroaniline	13.993	65	68447	44.610	ng	99
49) Acenaphthylene	14.639	152	337185	46.703	ng	99
50) Dimethylphthalate	14.351	163	281559	43.738	ng	100
51) 2,6-Dinitrotoluene	14.475	165	62514	47.191	ng	93
52) Acenaphthene	14.974	154	237052m	50.755	ng	
53) 3-Nitroaniline	14.804	138	54998	35.809	ng	# 99
54) 2,4-Dinitrophenol	15.009	184	71565	88.808	ng	90
55) Dibenzofuran	15.303	168	339358	46.571	ng	99
56) 4-Nitrophenol	15.103	139	105149	87.918	ng	99
57) 2,4-Dinitrotoluene	15.256	165	90147	46.461	ng	96
58) Fluorene	15.950	166	268529	44.881	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.527	232	78148	43.471	ng	100
60) Diethylphthalate	15.703	149	291607	43.007	ng	99
61) 4-Chlorophenyl-phenyle...	15.932	204	150995	47.132	ng	100
62) 4-Nitroaniline	15.961	138	69767	42.075	ng	98
63) Azobenzene	16.226	77	251518	43.693	ng	96
65) 4,6-Dinitro-2-methylph...	16.020	198	51941	44.839	ng	94
66) n-Nitrosodiphenylamine	16.143	169	249151	47.922	ng	99
67) 4-Bromophenyl-phenylether	16.825	248	103859	48.343	ng	96
68) Hexachlorobenzene	16.948	284	119033	48.205	ng	98
69) Atrazine	17.084	200	106407	51.913	ng	100
70) Pentachlorophenol	17.289	266	127149	86.424	ng	97
71) Phenanthrene	17.689	178	513149	50.199	ng	99
72) Anthracene	17.777	178	480872	48.136	ng	99
73) Carbazole	18.041	167	441043	47.416	ng	99
74) Di-n-butylphthalate	18.576	149	524202	45.779	ng	99
75) Fluoranthene	19.675	202	650275	50.889	ng	99
77) Benzidine	19.839	184	288199	68.358	ng	99
78) Pyrene	20.033	202	640450	51.102	ng	99
80) Butylbenzylphthalate	20.897	149	219743	45.674	ng	99
81) Benzo(a)anthracene	21.907	228	575266	47.824	ng	100
82) 3,3'-Dichlorobenzidine	21.807	252	161135	39.033	ng	100
83) Chrysene	21.978	228	536280	47.261	ng	99
84) Bis(2-ethylhexyl)phtha...	21.784	149	311379	45.435	ng	99
85) Di-n-octyl phthalate	23.059	149	516973	45.246	ng	98
87) Indeno(1,2,3-cd)pyrene	29.299	276	693742	46.239	ng	# 94
88) Benzo(b)fluoranthene	24.263	252	627536	51.982	ng	99
89) Benzo(k)fluoranthene	24.334	252	569379	46.944	ng	99
90) Benzo(a)pyrene	25.192	252	540019	52.312	ng	99
91) Dibenzo(a,h)anthracene	29.363	278	583680	47.012	ng	99
92) Benzo(g,h,i)perylene	30.532	276	595236	48.943	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.300 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

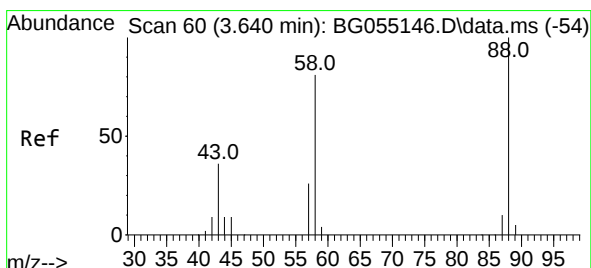
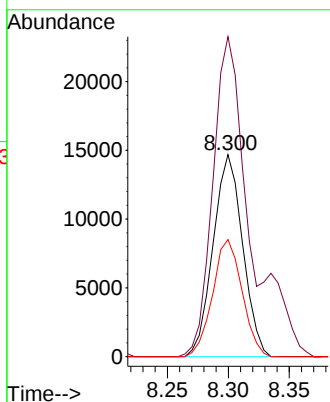
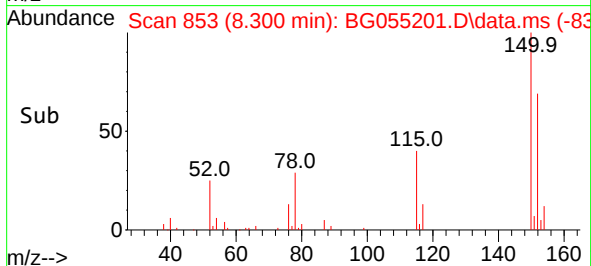
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



Tgt Ion:152 Resp: 24726
Ion Ratio Lower Upper
152 100
150 158.5 119.7 179.5
115 57.9 42.4 63.6

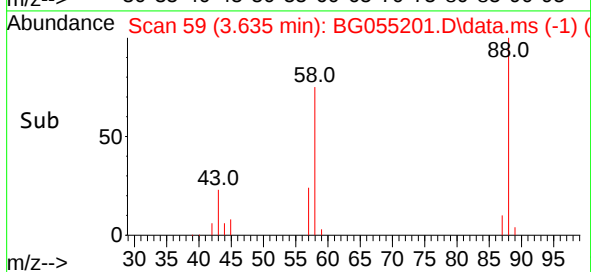
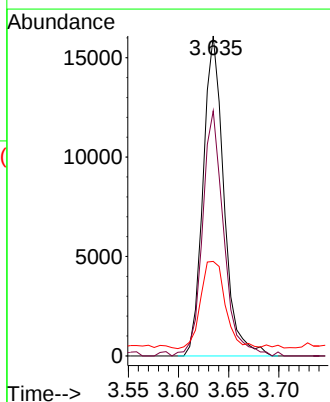
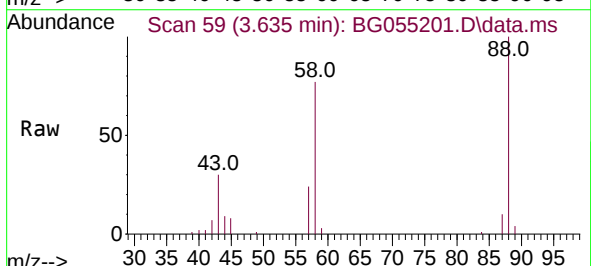
Manual Integrations
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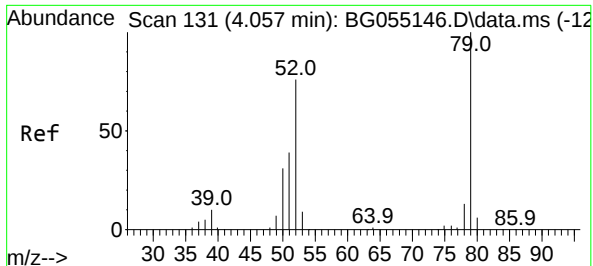
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#2
1,4-Dioxane
Concen: 43.314 ng
RT: 3.635 min Scan# 59
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Tgt Ion: 88 Resp: 23163
Ion Ratio Lower Upper
88 100
58 78.3 61.0 91.4
43 32.5 26.5 39.7





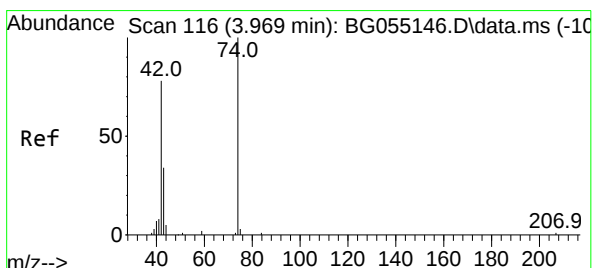
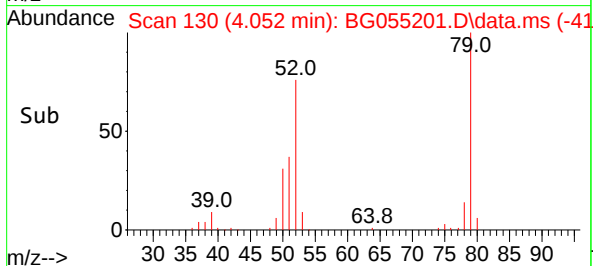
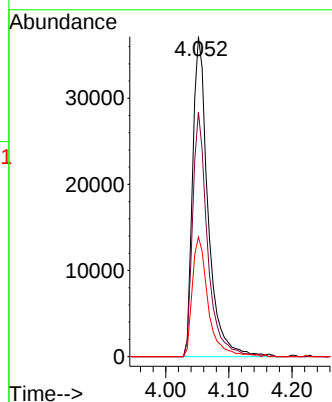
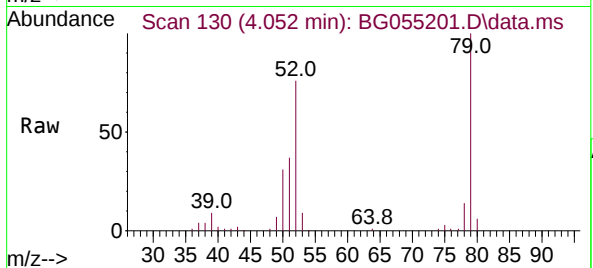
#3
Pyridine
Concen: 37.347 ng
RT: 4.052 min Scan# 131
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion: 79 Resp: 62978
Ion Ratio Lower Upper
79 100
52 76.4 60.9 91.3
51 37.4 31.6 47.4

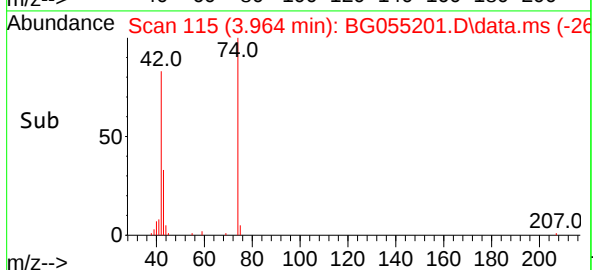
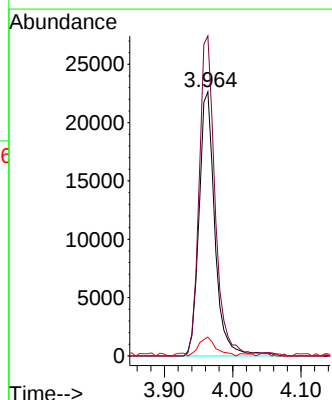
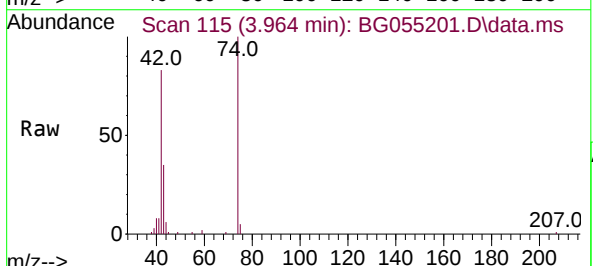
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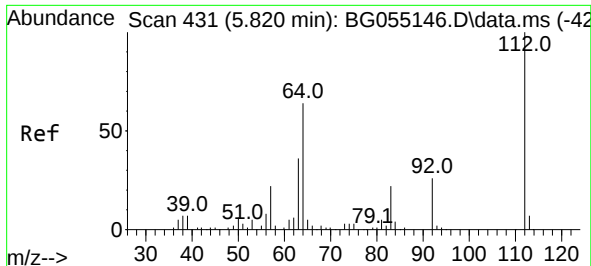
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#4
n-Nitrosodimethylamine
Concen: 40.845 ng
RT: 3.964 min Scan# 115
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Tgt Ion: 42 Resp: 36550
Ion Ratio Lower Upper
42 100
74 121.2 101.9 152.9
44 7.1 5.5 8.3





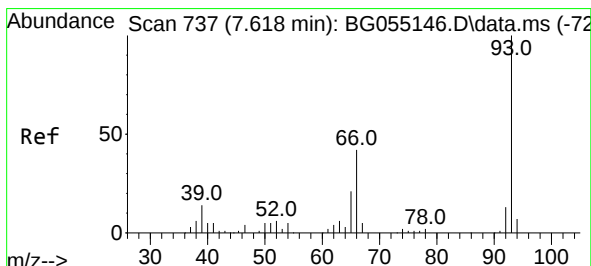
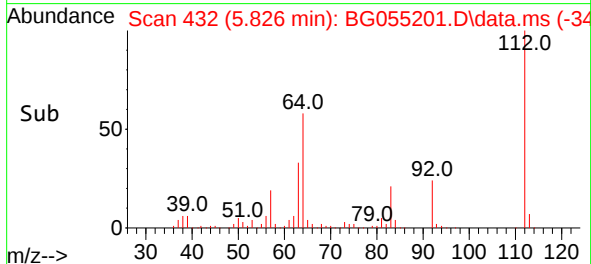
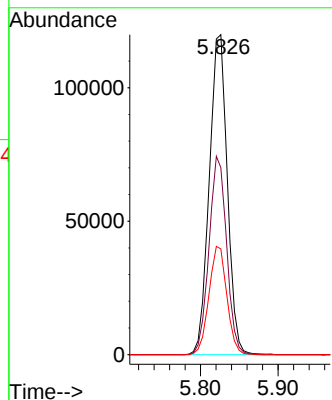
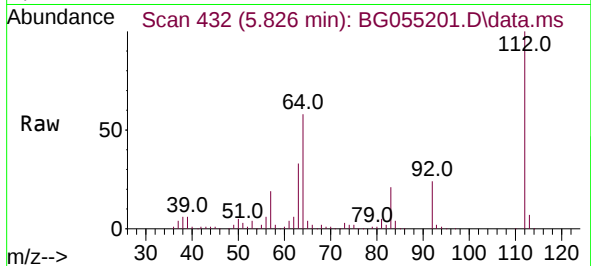
#5
2-Fluorophenol
Concen: 153.340 ng
RT: 5.826 min Scan# 431
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion:112 Resp: 193792
Ion Ratio Lower Upper
112 100
64 58.4 50.9 76.3
63 33.0 29.0 43.6

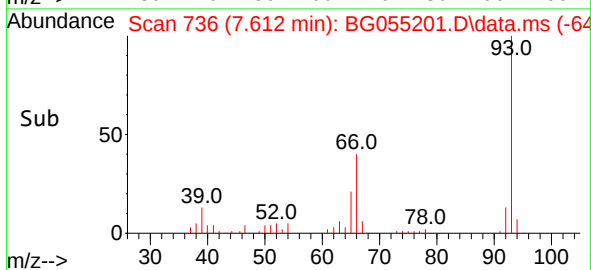
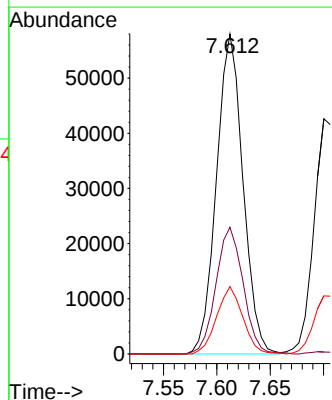
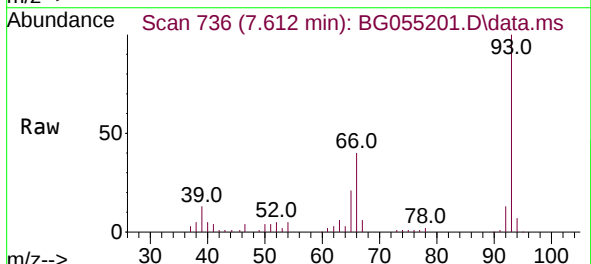
Manual Integrations
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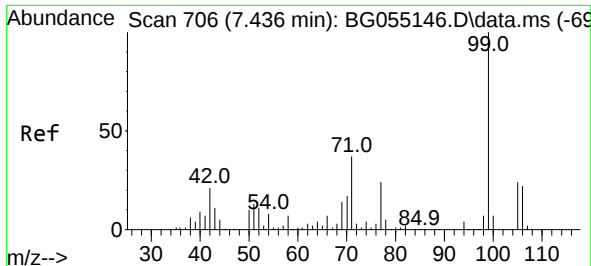
Reviewed By :Christian Giraldo 10/18/2022
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#6
Aniline
Concen: 41.801 ng
RT: 7.612 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

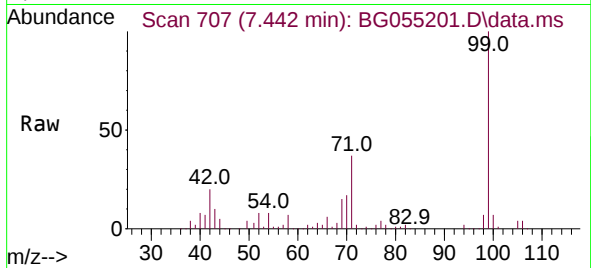
Tgt Ion: 93 Resp: 100348
Ion Ratio Lower Upper
93 100
66 39.6 33.3 49.9
65 21.0 16.6 25.0





#7
Phenol-d6
Concen: 141.722 ng
RT: 7.442 min Scan# 706
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

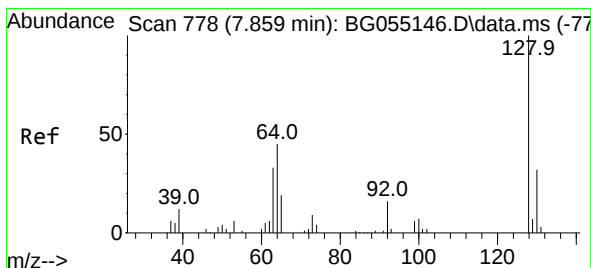
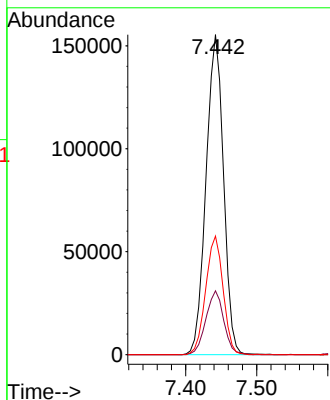
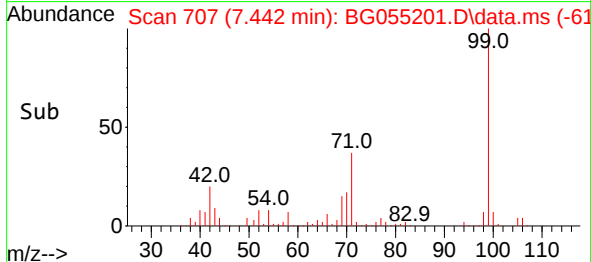
Instrument :
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Tgt Ion: 99 Resp: 26495
Ion Ratio Lower Upper
99 100
42 19.9 16.6 25.0
71 37.0 29.6 44.4

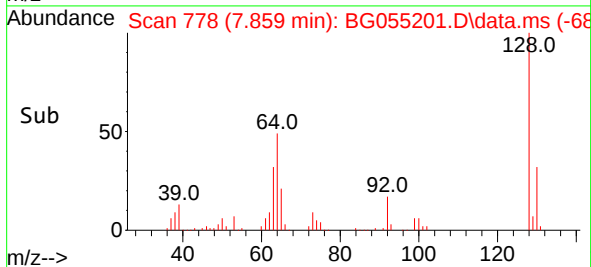
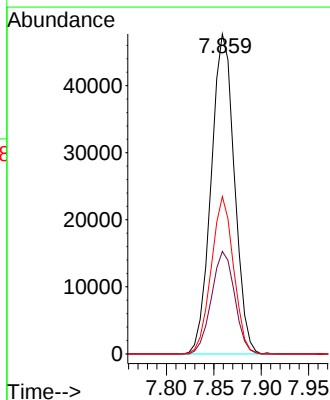
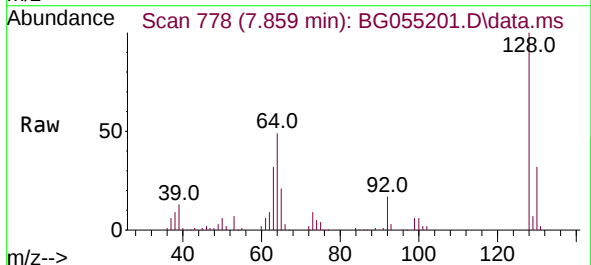
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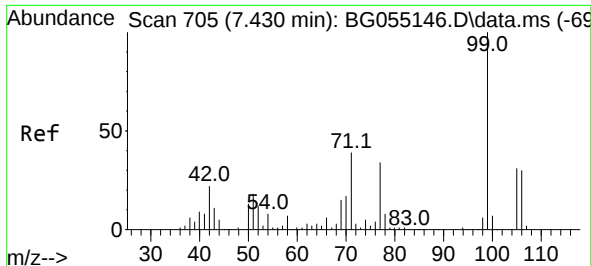
Reviewed By :Christian Giraldo 10/18/2022
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#8
2-Chlorophenol
Concen: 52.745 ng
RT: 7.859 min Scan# 778
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

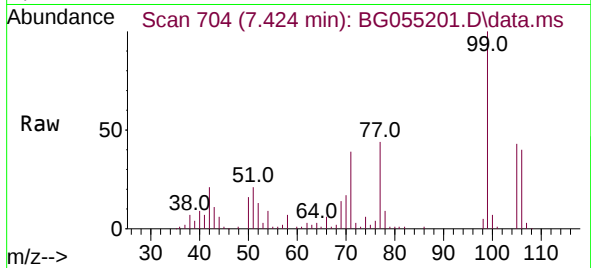
Tgt Ion:128 Resp: 81287
Ion Ratio Lower Upper
128 100
130 32.0 11.8 51.8
64 49.2 29.7 69.7





#9
Benzaldehyde
Concen: 32.706 ng
RT: 7.424 min Scan# 704
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

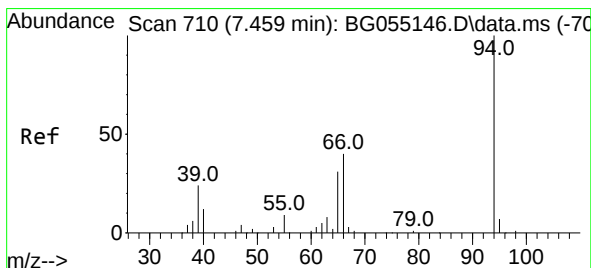
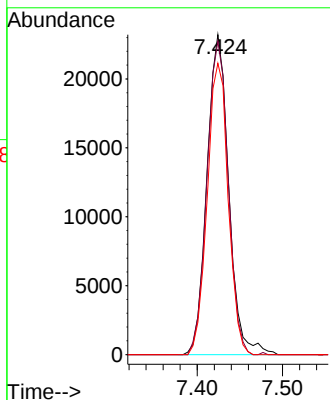
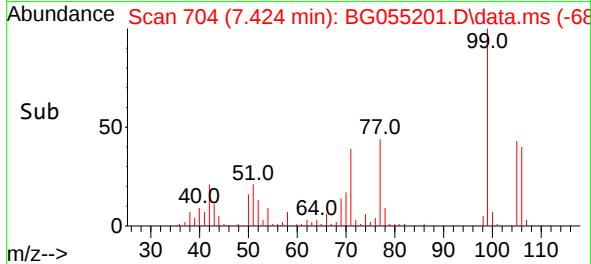
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



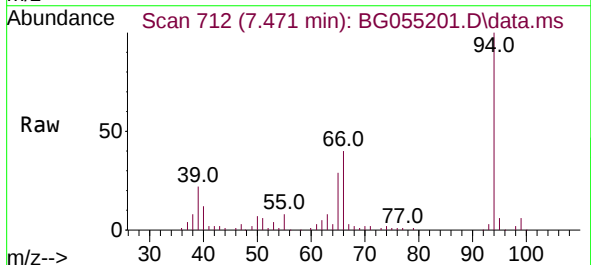
Tgt Ion: 77 Resp: 41122
Ion Ratio Lower Upper
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105 97.9 71.2 111.2
106 91.0 68.6 108.6

Manual Integrations
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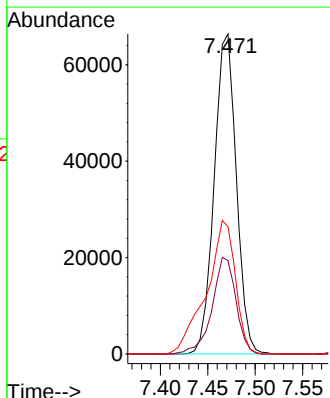
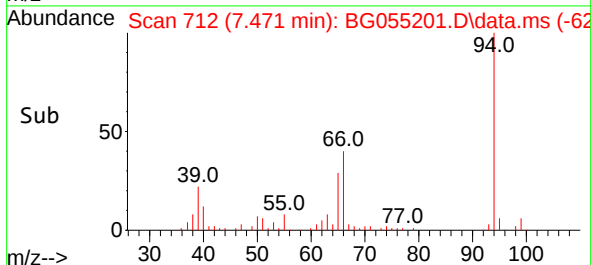
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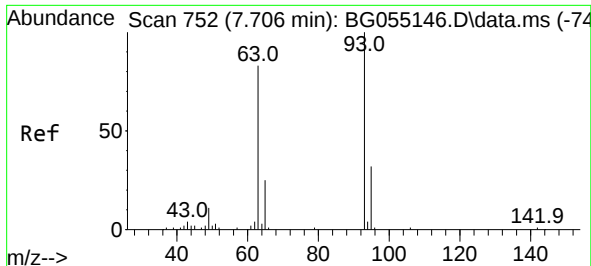


#10
Phenol
Concen: 51.820 ng
RT: 7.471 min Scan# 712
Delta R.T. 0.012 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



Tgt Ion: 94 Resp: 107630
Ion Ratio Lower Upper
94 100
65 29.2 11.2 51.2
66 39.8 21.5 61.5





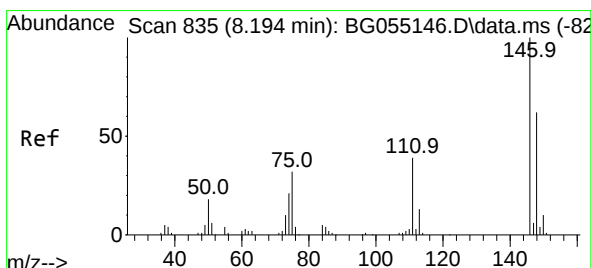
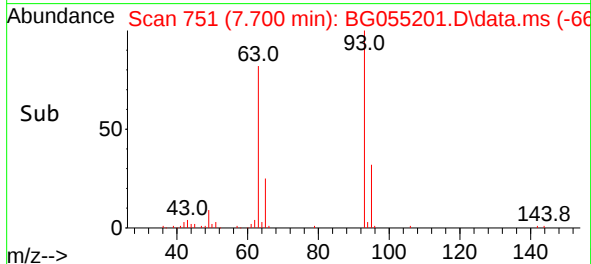
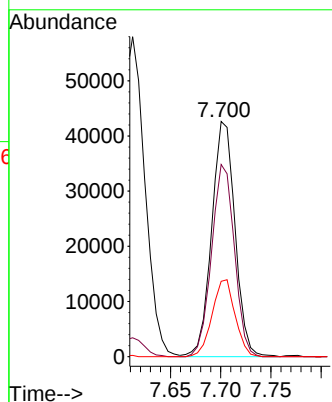
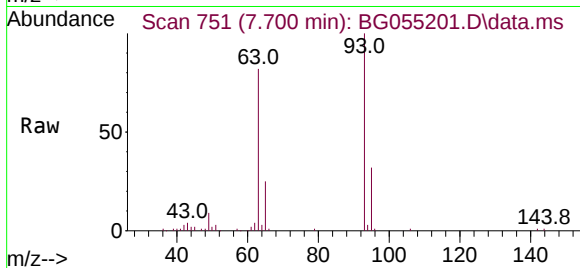
#11
bis(2-Chloroethyl)ether
Concen: 46.987 ng
RT: 7.700 min Scan# 751
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion: 93 Resp: 69028
Ion Ratio Lower Upper
93 100
63 81.7 62.3 102.3
95 32.0 12.0 52.0

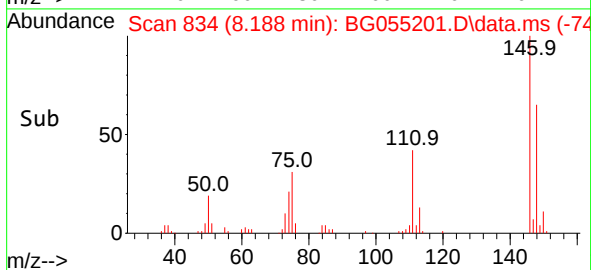
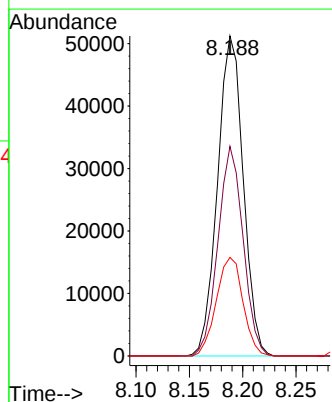
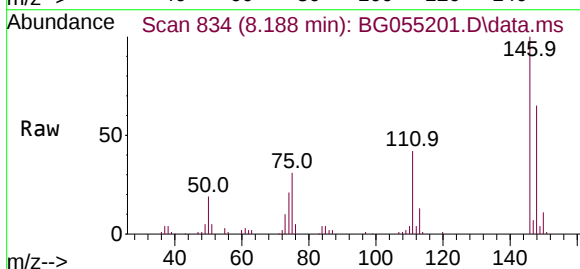
Manual Integrations
APPROVED

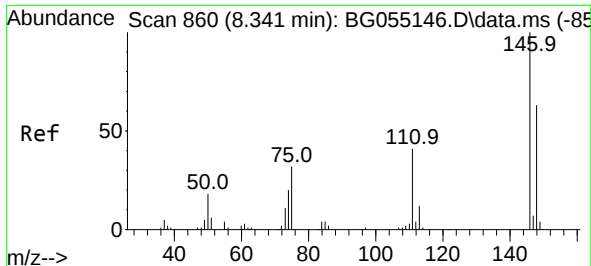
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 48.095 ng
RT: 8.188 min Scan# 834
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Tgt Ion:146 Resp: 86149
Ion Ratio Lower Upper
146 100
148 65.5 49.6 74.4
75 30.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.373 ng

RT: 8.335 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG055201.D

Acq: 17 Oct 2022 20:53

Instrument :

BNA_G

ClientSampleId :

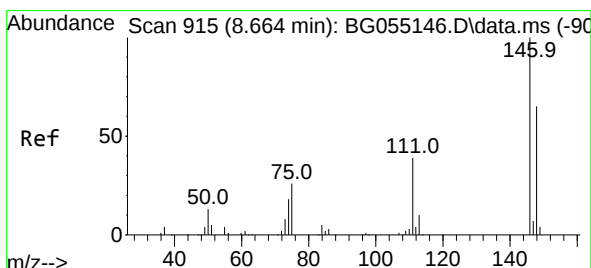
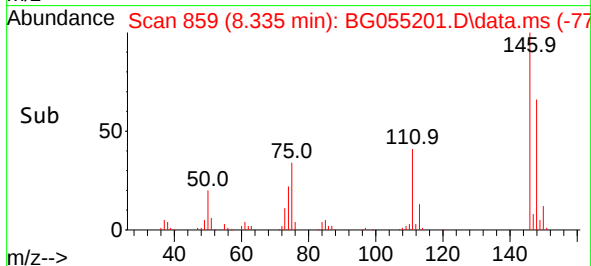
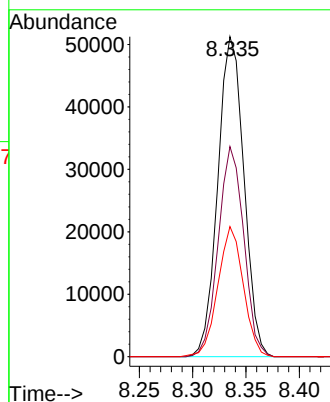
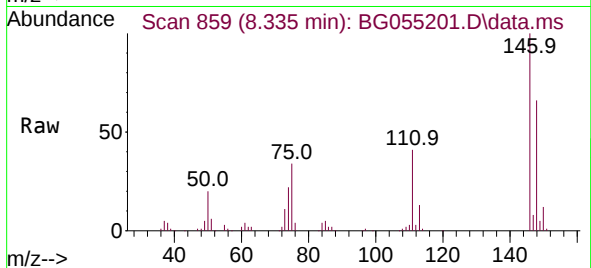
WC-C2(0-6)MSD

Tgt Ion:146 Resp: 87479
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.2 75.2
 111 40.6 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022



#14

1,2-Dichlorobenzene

Concen: 49.385 ng

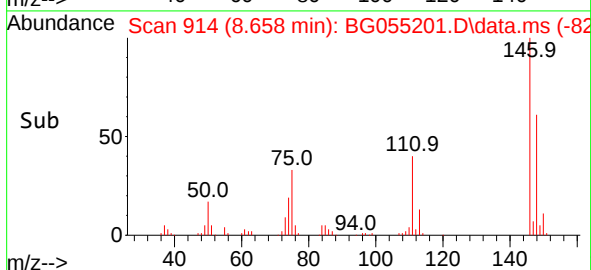
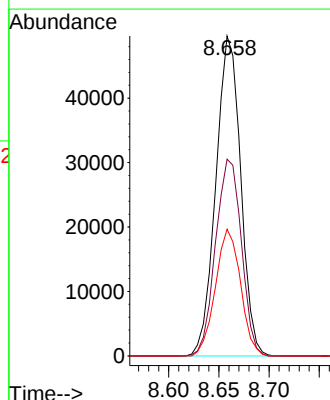
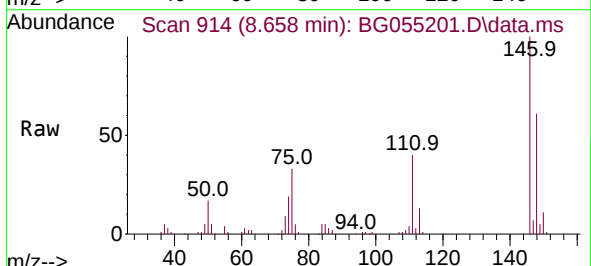
RT: 8.658 min Scan# 914

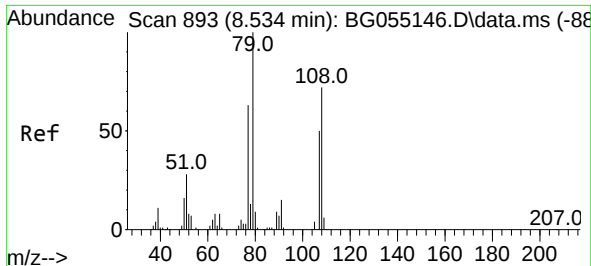
Delta R.T. -0.006 min

Lab File: BG055201.D

Acq: 17 Oct 2022 20:53

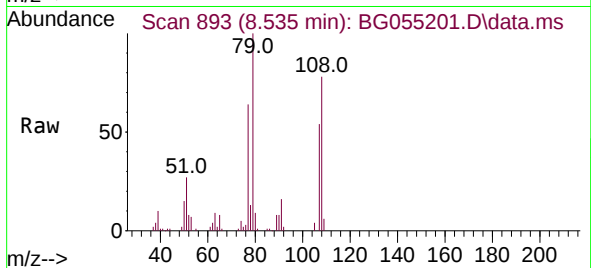
Tgt Ion:146 Resp: 85527
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.7 77.5
 111 39.6 32.1 48.1





#15
Benzyl Alcohol
Concen: 46.229 ng
RT: 8.535 min Scan# 893
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

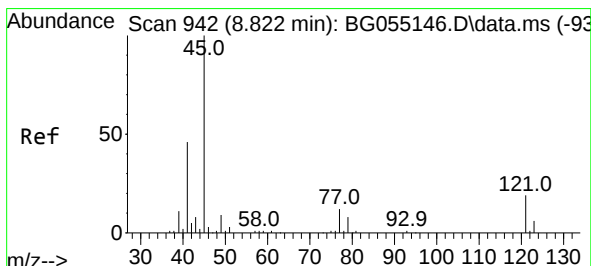
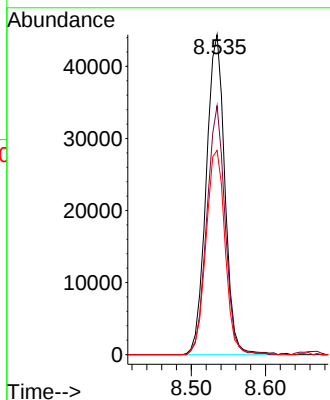
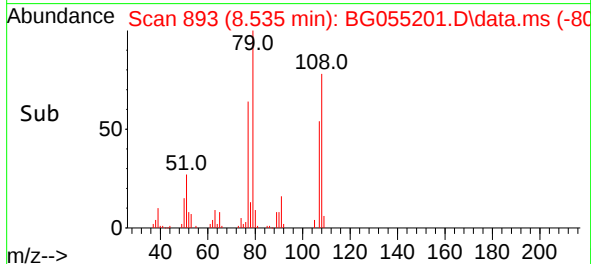
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



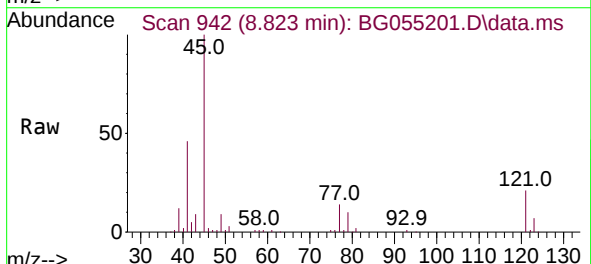
Tgt Ion: 79 Resp: 77264
Ion Ratio Lower Upper
79 100
108 77.8 58.0 87.0
77 63.8 50.6 75.8

Manual Integrations
APPROVED

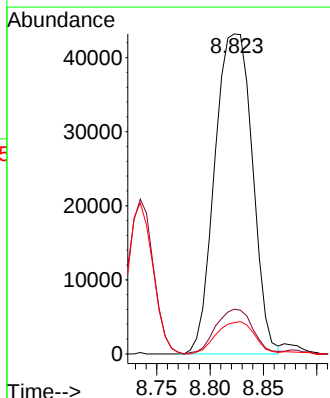
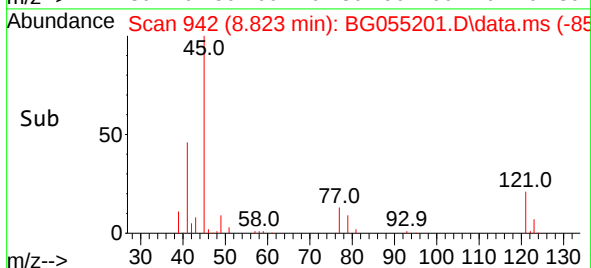
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

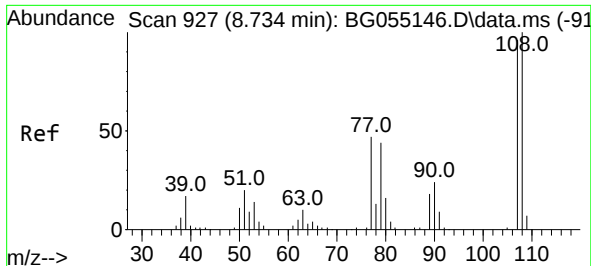


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.096 ng
RT: 8.823 min Scan# 942
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



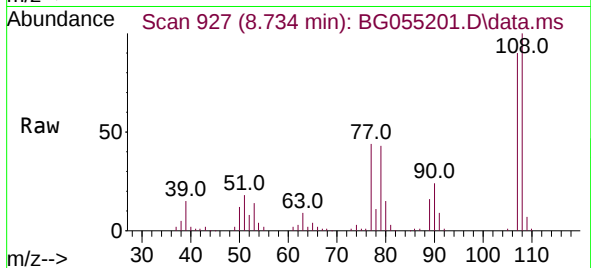
Tgt Ion: 45 Resp: 105838
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.0
79 9.8 0.0 28.6





#17
2-Methylphenol
Concen: 49.490 ng
RT: 8.734 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

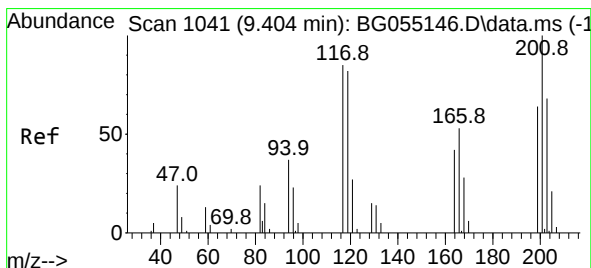
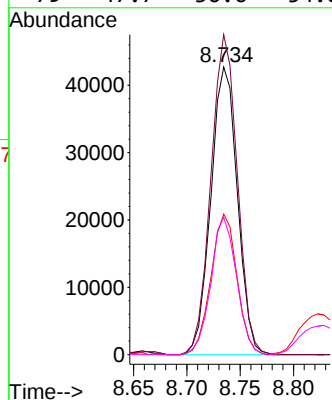
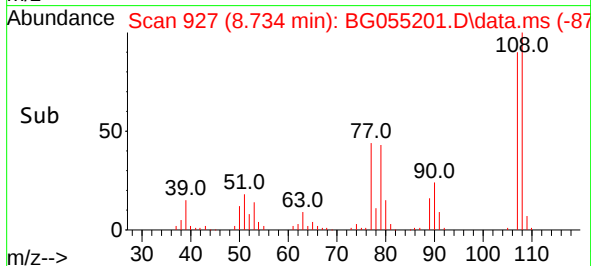
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



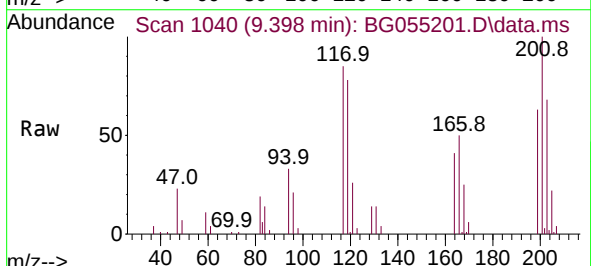
Tgt Ion:	107	Resp:	7395
Ion	Ratio	Lower	Upper
107	100		
108	111.2	83.4	125.0
77	48.9	39.0	58.6
79	47.7	36.6	54.8

Manual Integrations
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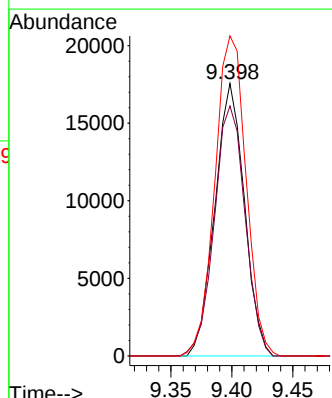
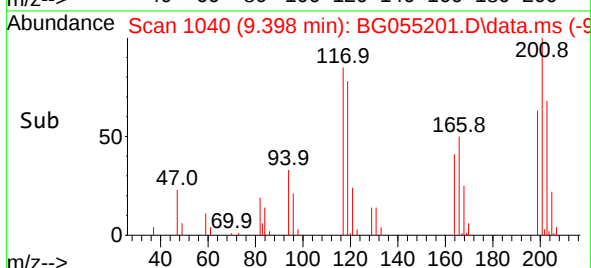
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

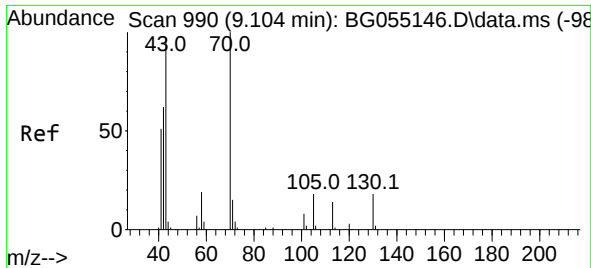


#18
Hexachloroethane
Concen: 48.230 ng
RT: 9.398 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



Tgt Ion:	117	Resp:	29568
Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.8	115.2
201	117.5	93.8	140.8





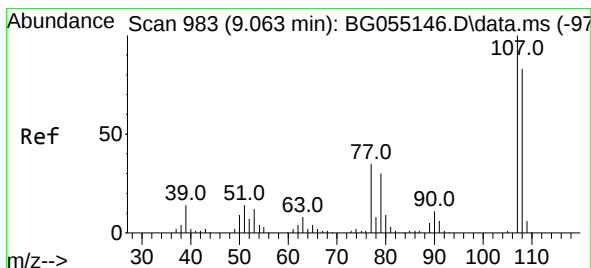
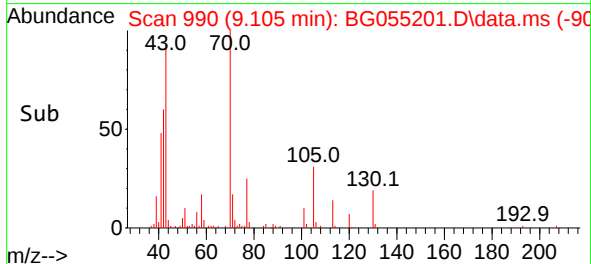
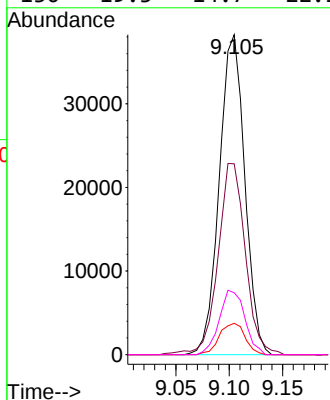
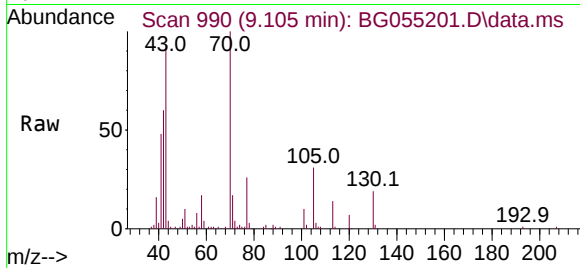
#19
n-Nitroso-di-n-propylamine
Concen: 42.199 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion: 70 Resp: 63670
Ion Ratio Lower Upper
70 100
42 59.6 50.1 75.1
101 9.8 6.6 10.0
130 19.3 14.7 22.1

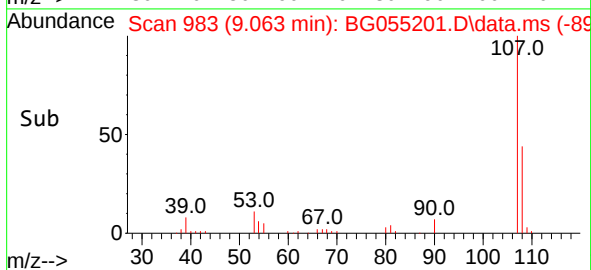
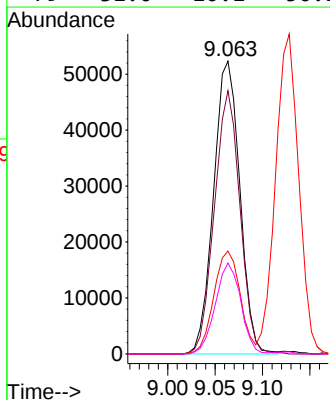
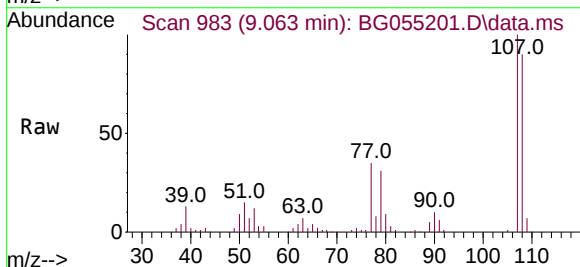
Manual Integrations
APPROVED

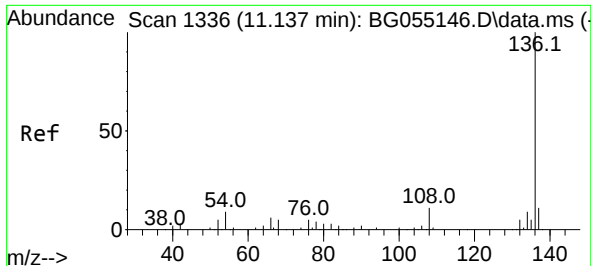
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#20
3+4-Methylphenols
Concen: 46.964 ng
RT: 9.063 min Scan# 983
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Tgt Ion:107 Resp: 100696
Ion Ratio Lower Upper
107 100
108 89.9 63.1 103.1
77 35.1 15.1 55.1
79 31.0 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1336
Delta R.T. -0.005 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :

BNA_G

ClientSampleId :

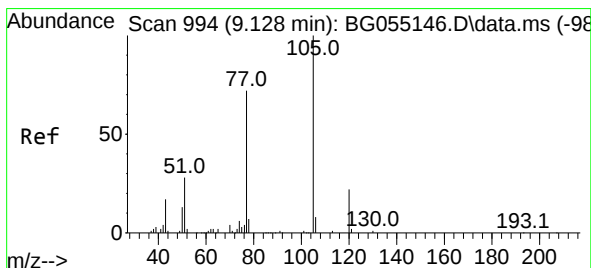
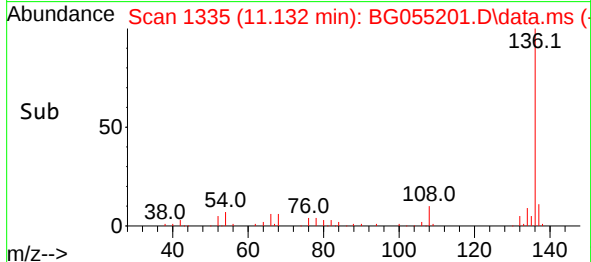
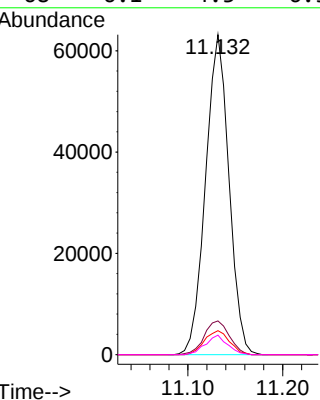
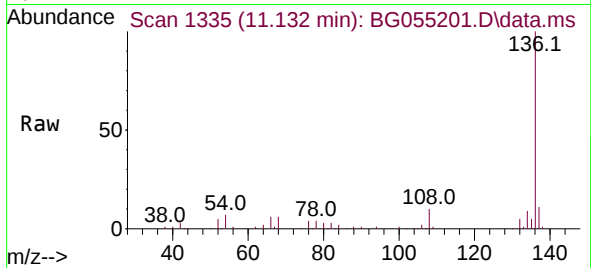
WC-C2(0-6)MSD

Tgt Ion:136 Resp: 108104
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.5 7.0 10.6
68 6.1 4.3 6.5

Manual Integrations

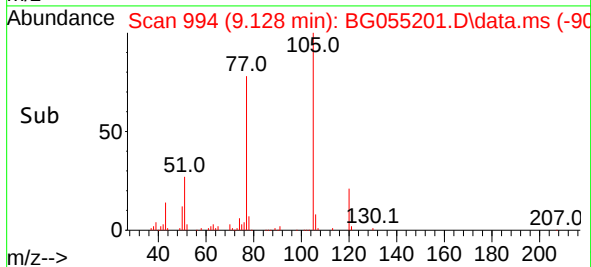
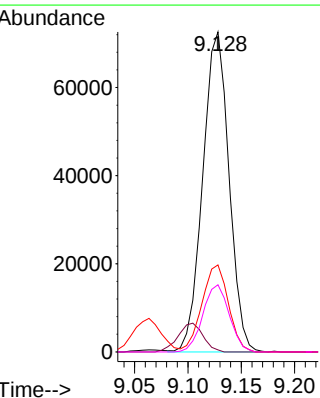
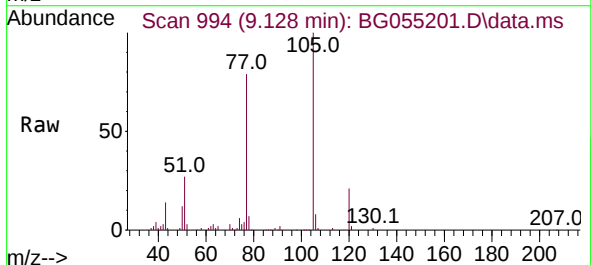
APPROVED

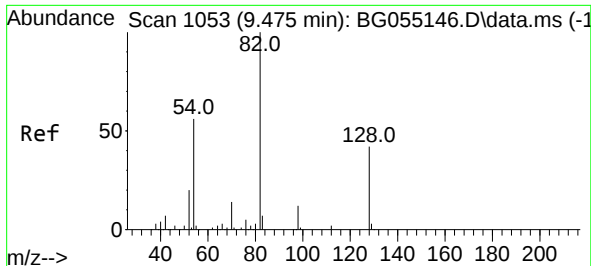
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#22
Acetophenone
Concen: 46.464 ng
RT: 9.128 min Scan# 994
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

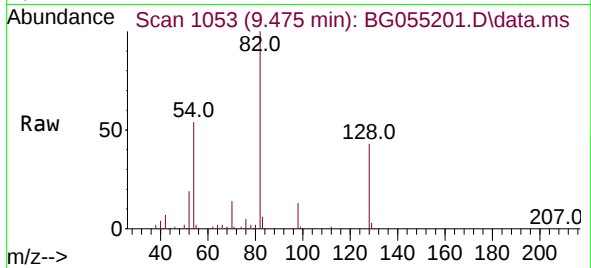
Tgt Ion:105 Resp: 124366
Ion Ratio Lower Upper
105 100
71 0.6 1.3 1.9#
51 27.2 23.8 35.6
120 21.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 80.069 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

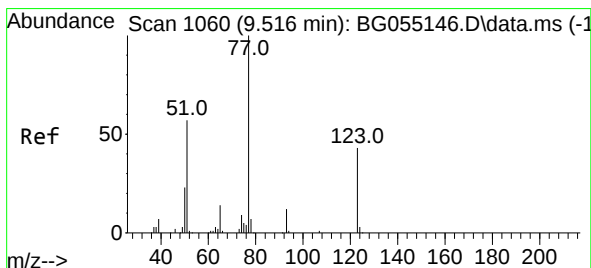
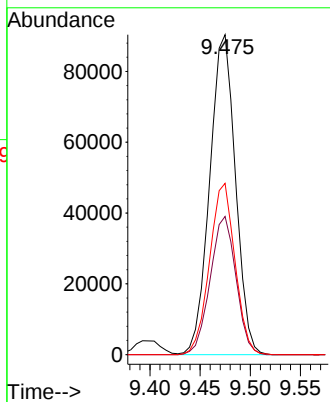
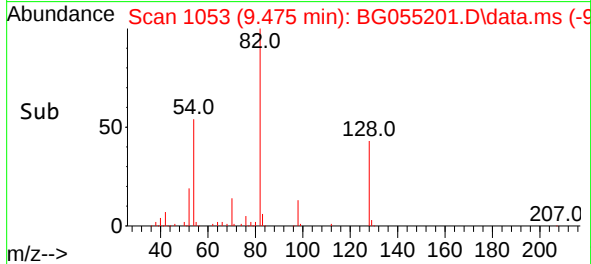
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



Tgt Ion: 82 Resp: 161414
Ion Ratio Lower Upper
82 100
128 43.2 33.5 50.3
54 53.5 44.7 67.1

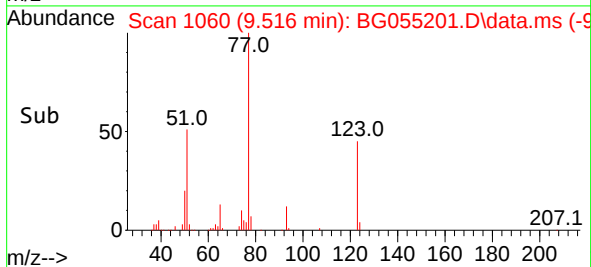
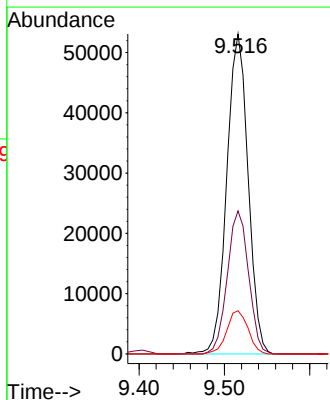
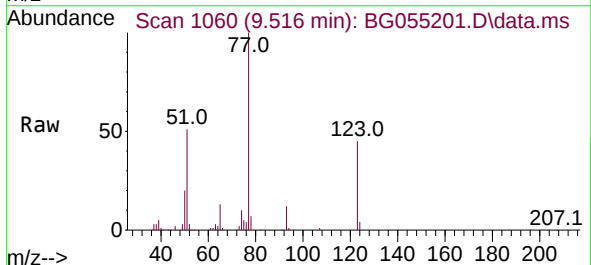
Manual Integrations
APPROVED

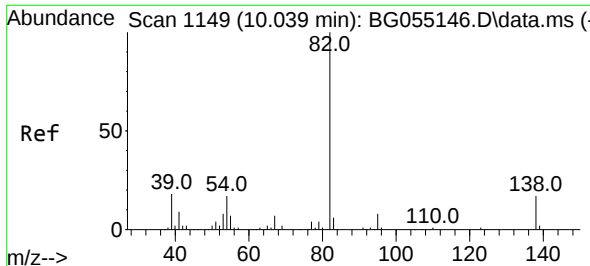
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#24
Nitrobenzene
Concen: 44.209 ng
RT: 9.516 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

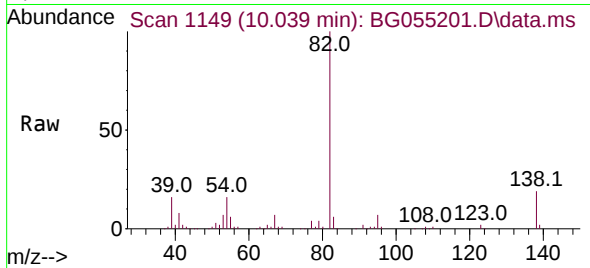
Tgt Ion: 77 Resp: 92205
Ion Ratio Lower Upper
77 100
123 44.7 34.2 51.4
65 13.5 11.4 17.0





#25
Isophorone
Concen: 44.594 ng
RT: 10.039 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

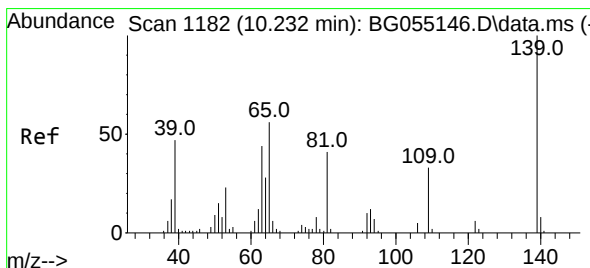
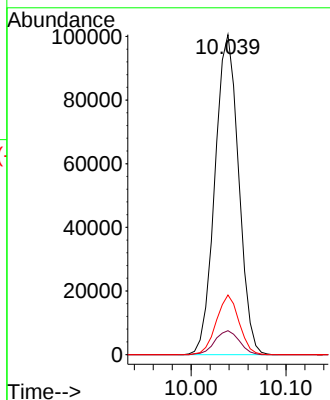
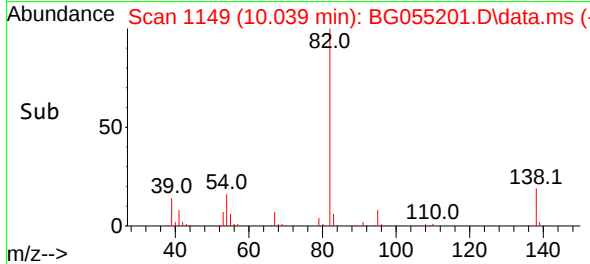
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



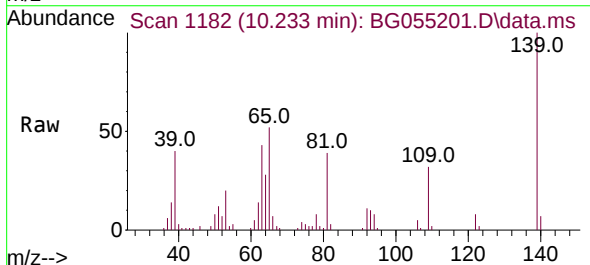
Tgt Ion: 82 Resp: 174583
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 18.6 13.8 20.6

Manual Integrations
APPROVED

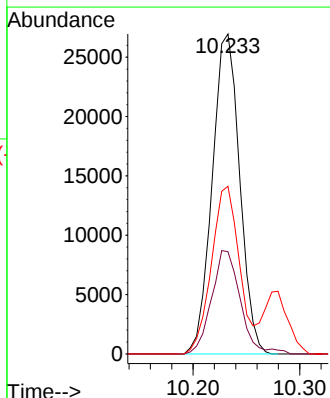
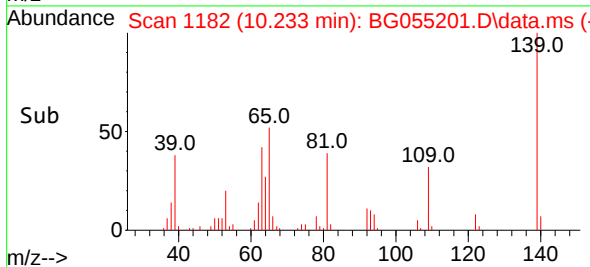
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

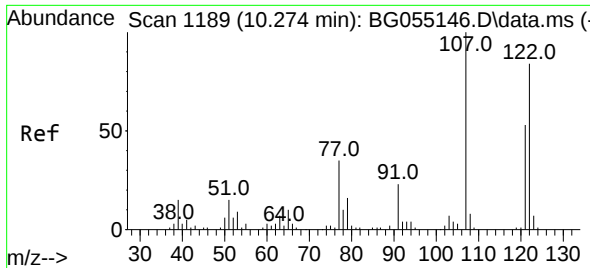


#26
2-Nitrophenol
Concen: 48.817 ng
RT: 10.233 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



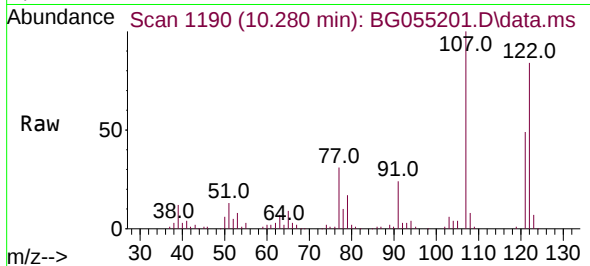
Tgt Ion:139 Resp: 48240
Ion Ratio Lower Upper
139 100
109 31.9 26.5 39.7
65 52.4 44.4 66.6





#27
2,4-Dimethylphenol
Concen: 56.690 ng m
RT: 10.280 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

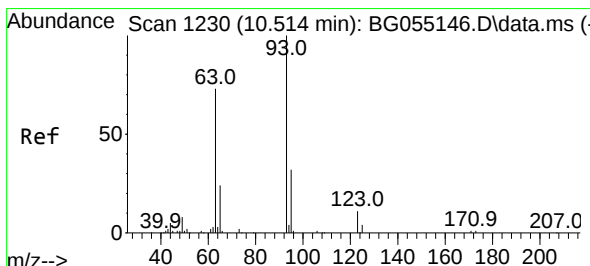
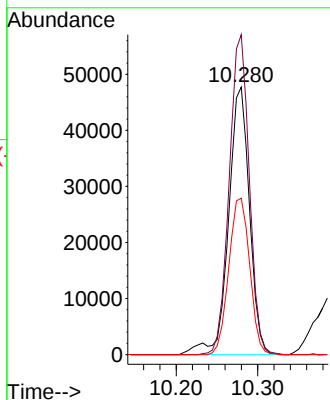
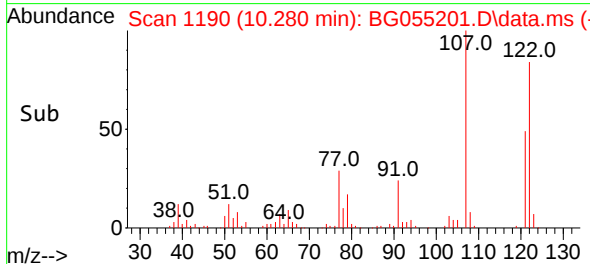
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



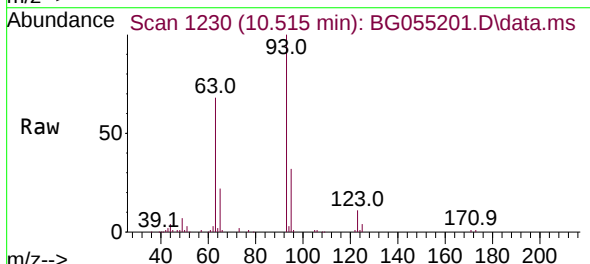
Tgt Ion:122 Resp: 85195
Ion Ratio Lower Upper
122 100
107 119.6 95.3 142.9
121 58.4 50.4 75.6

Manual Integrations
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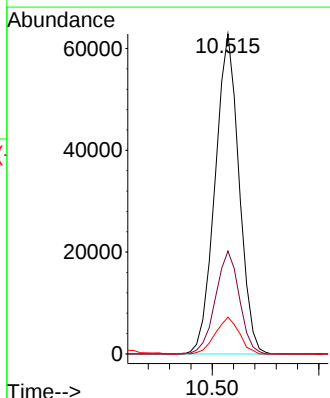
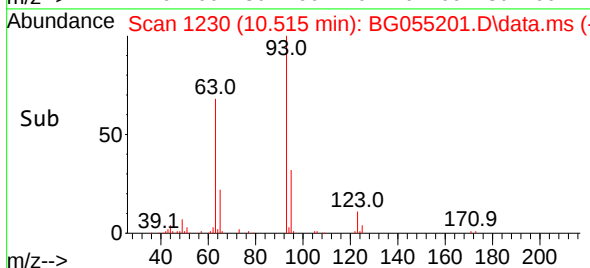
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

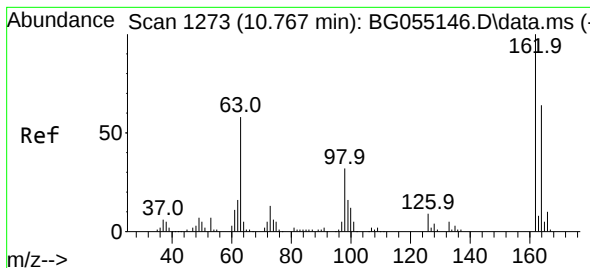


#28
bis(2-Chloroethoxy)methane
Concen: 50.605 ng
RT: 10.515 min Scan# 1230
Delta R.T. 0.001 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



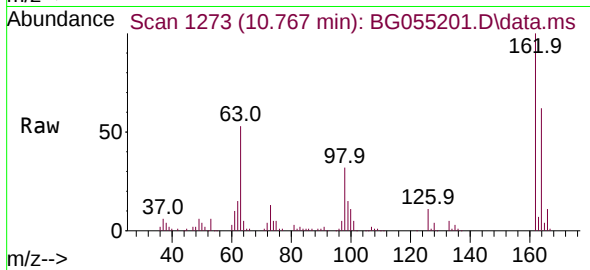
Tgt Ion: 93 Resp: 98184
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 11.5 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.230 ng
RT: 10.767 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

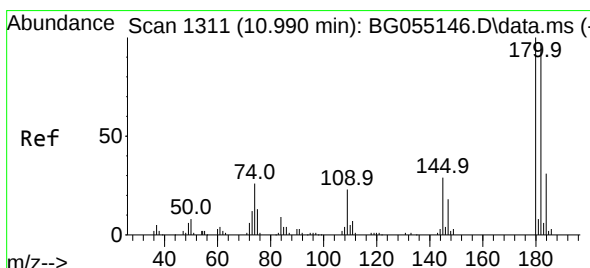
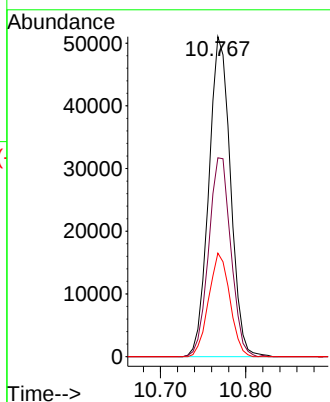
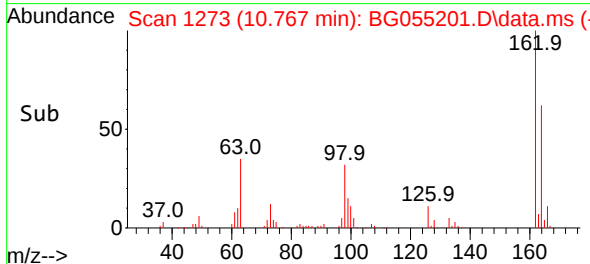
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



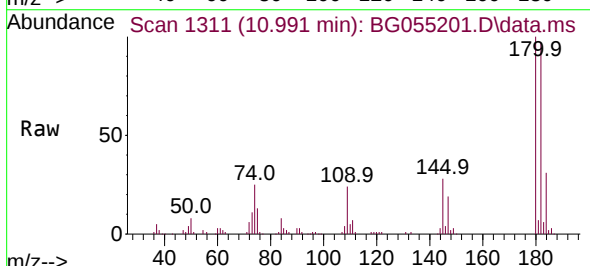
Tgt Ion:162 Resp: 90220
Ion Ratio Lower Upper
162 100
164 62.1 43.6 83.6
98 32.3 12.3 52.3

Manual Integrations
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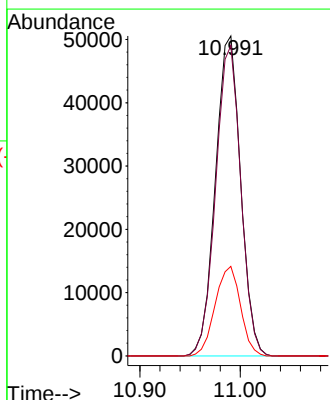
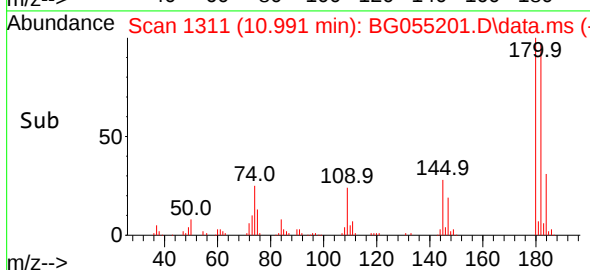
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

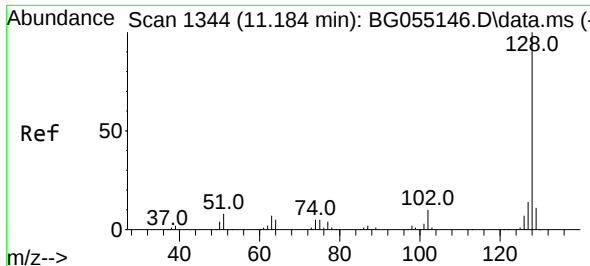


#30
1,2,4-Trichlorobenzene
Concen: 45.555 ng
RT: 10.991 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



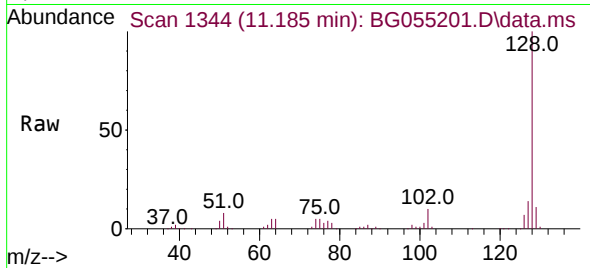
Tgt Ion:180 Resp: 88262
Ion Ratio Lower Upper
180 100
182 97.0 77.2 115.8
145 28.0 22.8 34.2





#31
Naphthalene
Concen: 45.359 ng
RT: 11.185 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

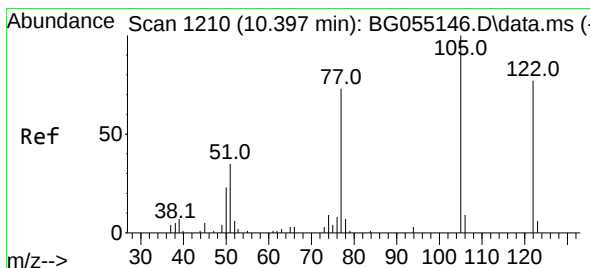
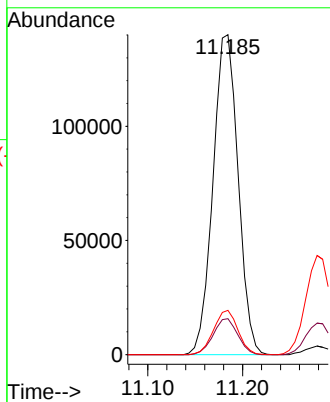
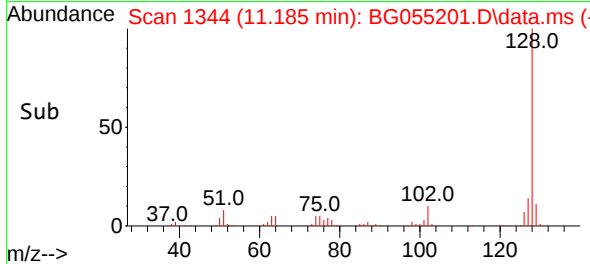
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



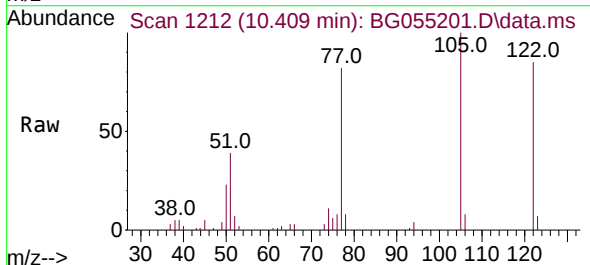
Tgt Ion:128 Resp: 257880
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.8 11.1 16.7

Manual Integrations
APPROVED

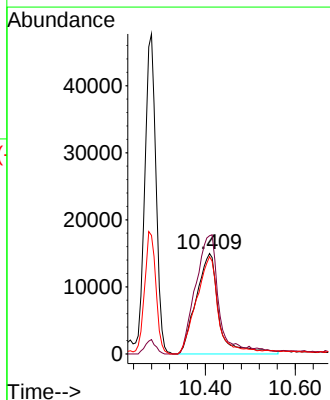
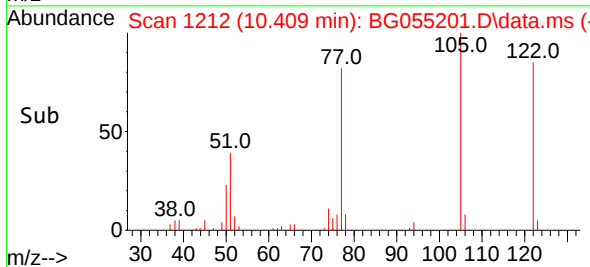
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

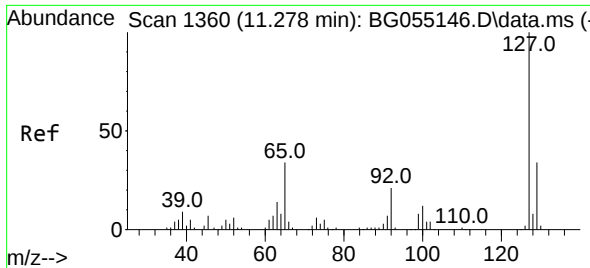


#32
Benzoic acid
Concen: 41.319 ng
RT: 10.409 min Scan# 1212
Delta R.T. 0.012 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



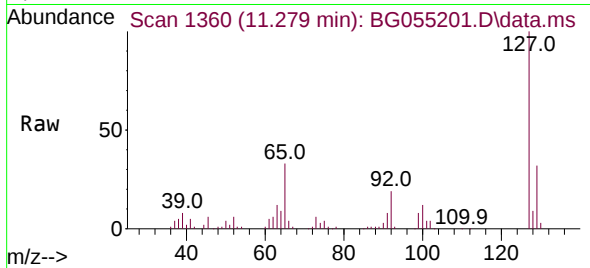
Tgt Ion:122 Resp: 52672
Ion Ratio Lower Upper
122 100
105 117.6 107.2 147.2
77 96.8 74.2 114.2





#33
4-Chloroaniline
Concen: 33.284 ng
RT: 11.279 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

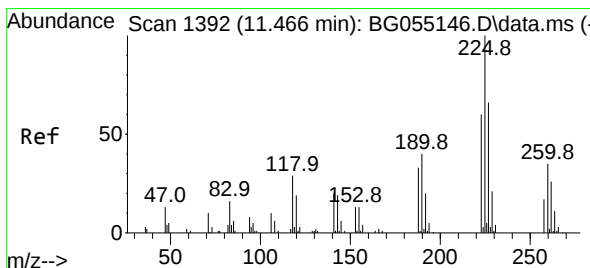
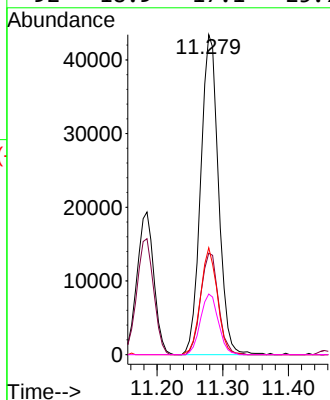
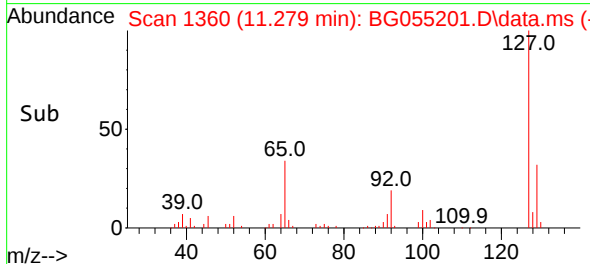
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



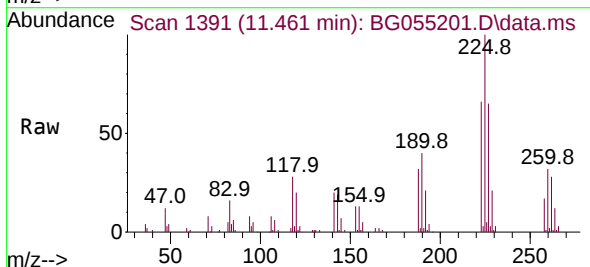
Tgt Ion:127 Resp: 81338
Ion Ratio Lower Upper
127 100
129 31.7 27.0 40.4
65 33.4 27.4 41.2
92 18.9 17.1 25.7

Manual Integrations
APPROVED

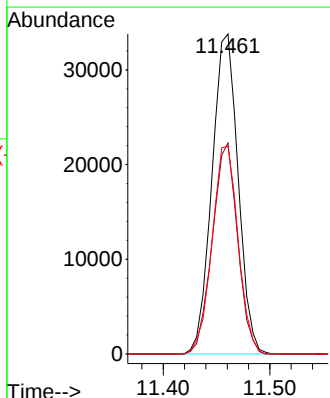
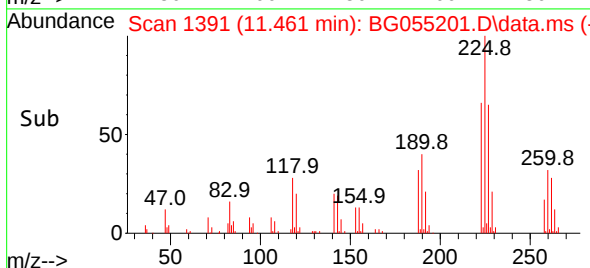
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

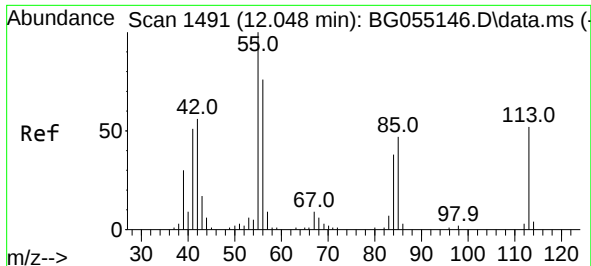


#34
Hexachlorobutadiene
Concen: 46.701 ng
RT: 11.461 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



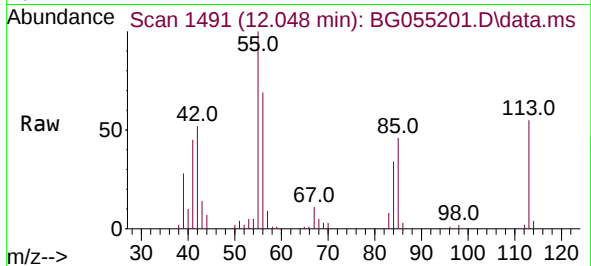
Tgt Ion:225 Resp: 57693
Ion Ratio Lower Upper
225 100
223 65.9 48.2 72.4
227 64.9 52.5 78.7





#35
 Caprolactam
 Concen: 41.680 ng m
 RT: 12.048 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53

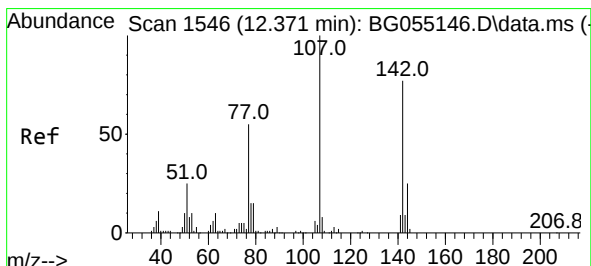
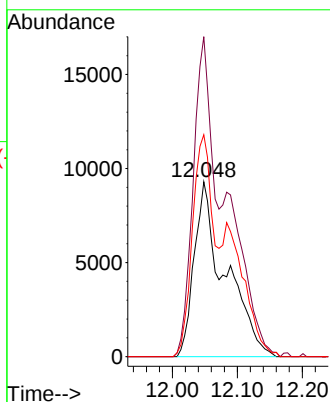
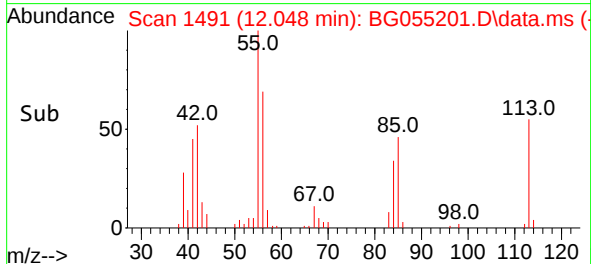
Instrument :
 BNA_G
 ClientSampleId :
 WC-C2(0-6)MSD



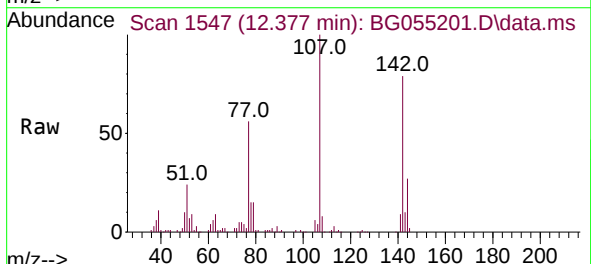
Tgt Ion:113 Resp: 30754
 Ion Ratio Lower Upper
 113 100
 55 183.1 172.1 212.1
 56 126.9 126.0 166.0

Manual Integrations
 APPROVED

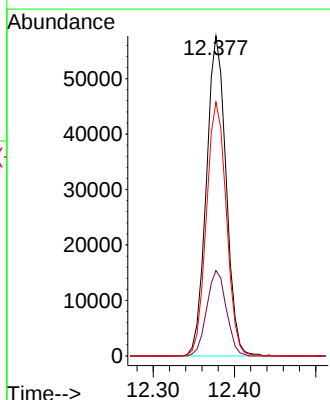
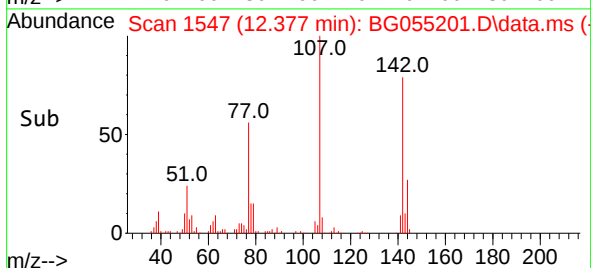
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

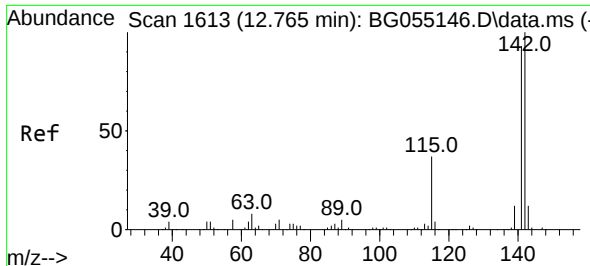


#36
 4-Chloro-3-methylphenol
 Concen: 48.003 ng
 RT: 12.377 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53



Tgt Ion:107 Resp: 97228
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.8 29.8
 142 79.3 61.9 92.9





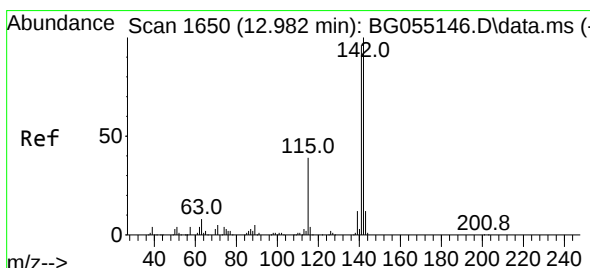
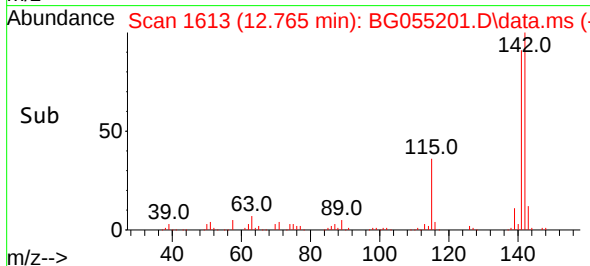
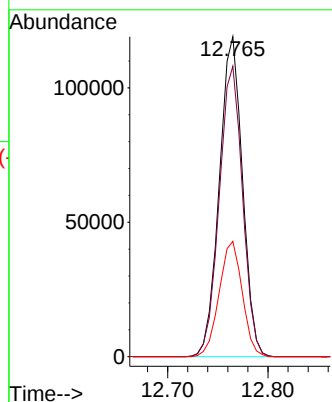
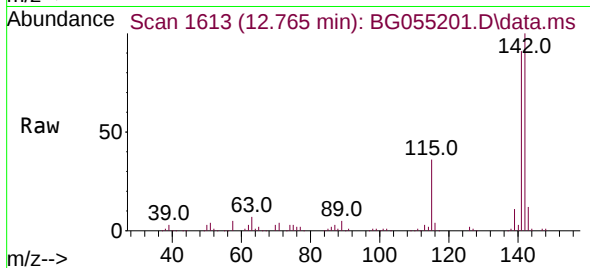
#37
2-Methylnaphthalene
Concen: 44.823 ng
RT: 12.765 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion:142 Resp: 190828
Ion Ratio Lower Upper
142 100
141 90.7 74.8 112.2
115 36.0 29.8 44.6

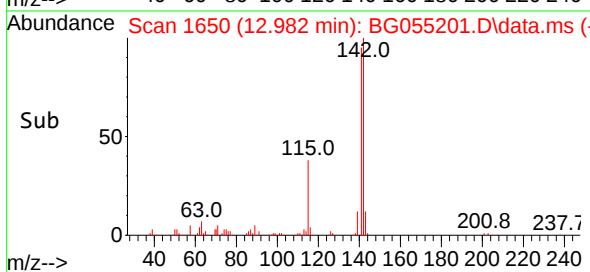
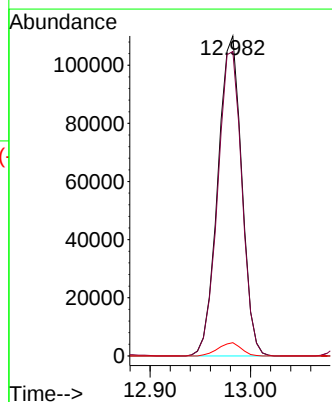
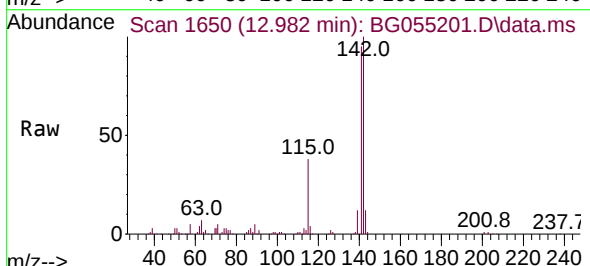
Manual Integrations
APPROVED

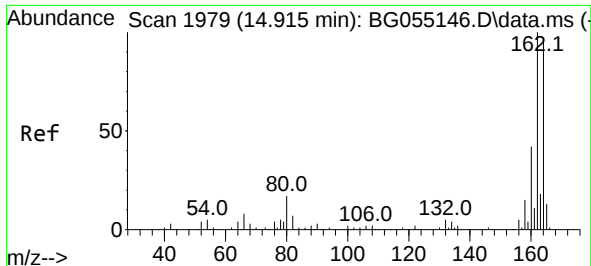
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#38
1-Methylnaphthalene
Concen: 43.814 ng
RT: 12.982 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

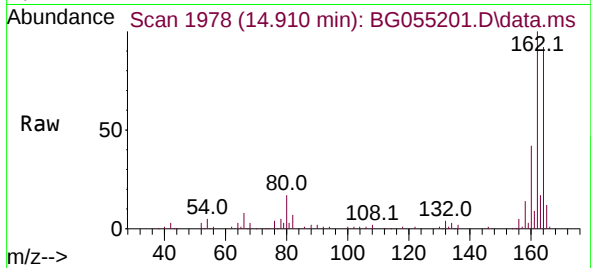
Tgt Ion:142 Resp: 181988
Ion Ratio Lower Upper
142 100
141 95.1 76.9 115.3
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

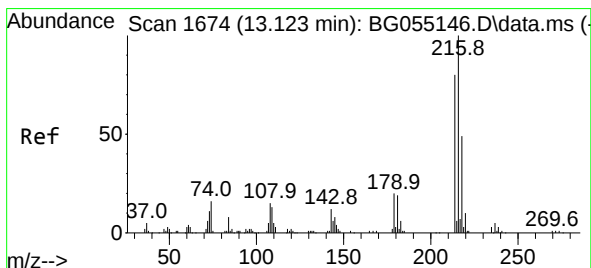
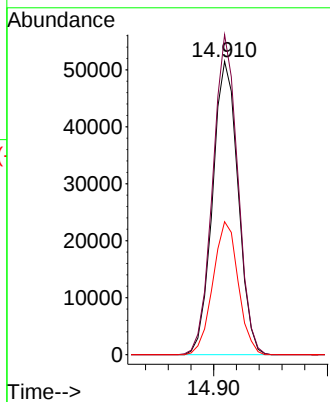
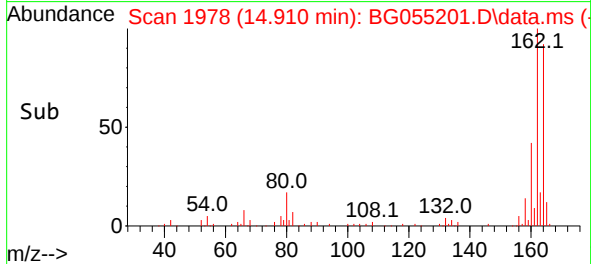
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



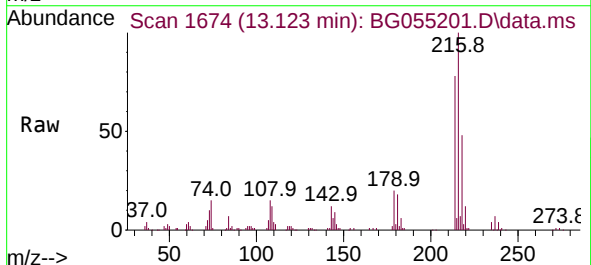
Tgt Ion:164 Resp: 80083
Ion Ratio Lower Upper
164 100
162 109.2 83.3 124.9
160 45.3 35.3 52.9

Manual Integrations
APPROVED

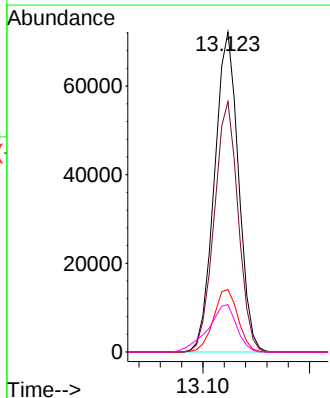
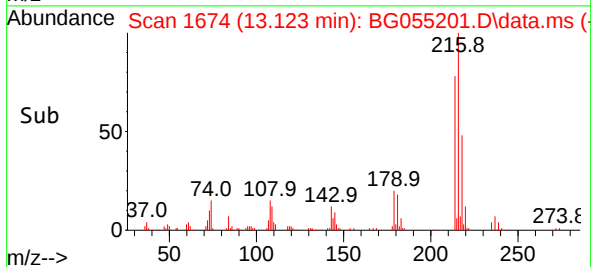
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

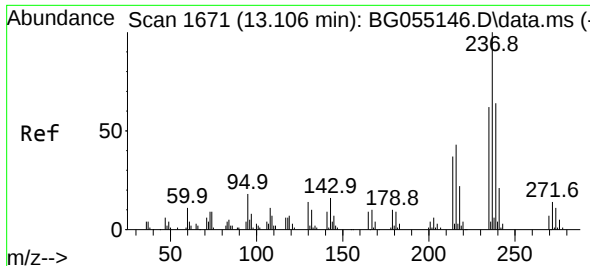


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.948 ng
RT: 13.123 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



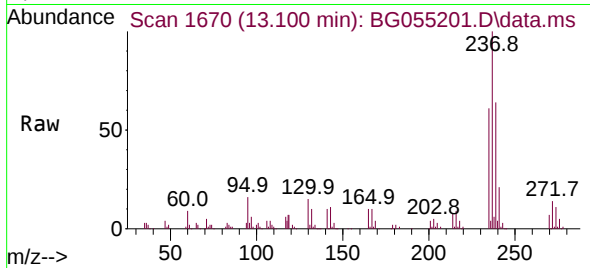
Tgt Ion:216 Resp: 112819
Ion Ratio Lower Upper
216 100
214 77.8 63.1 94.7
179 19.9 16.1 24.1
108 17.6 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 117.838 ng
RT: 13.100 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

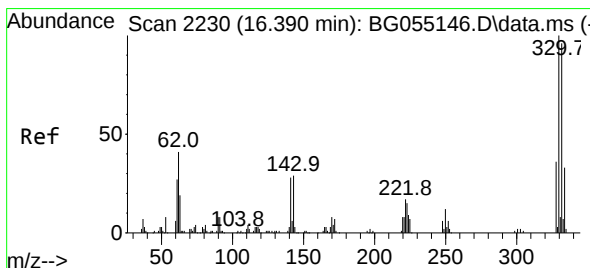
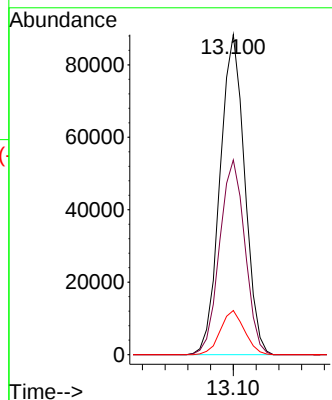
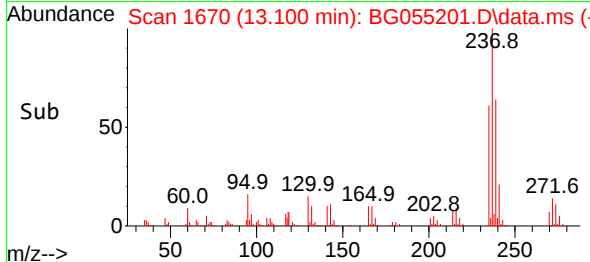
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



Tgt Ion:237 Resp: 132995
Ion Ratio Lower Upper
237 100
235 60.9 41.8 81.8
272 13.8 0.0 34.3

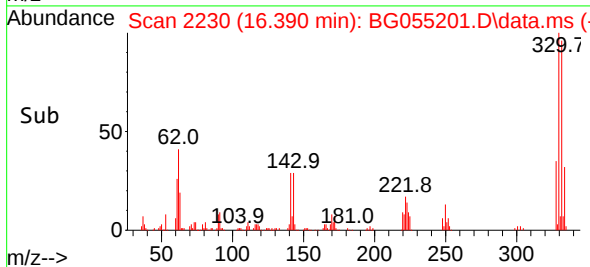
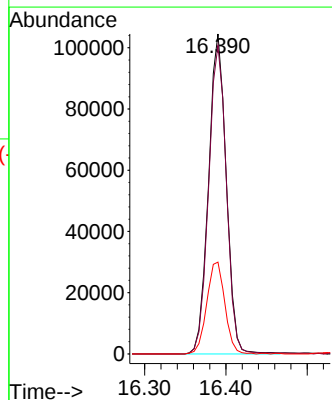
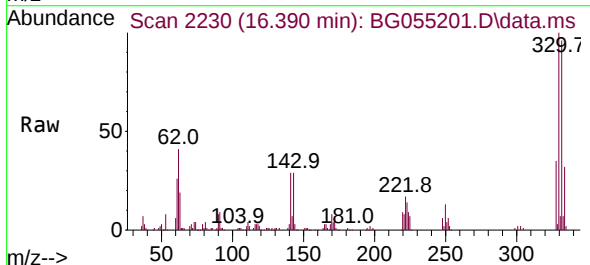
Manual Integrations
APPROVED

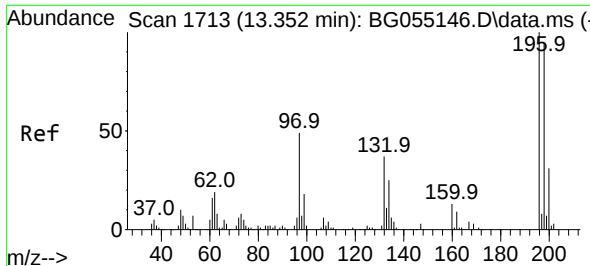
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#42
2,4,6-Tribromophenol
Concen: 137.719 ng
RT: 16.390 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Tgt Ion:330 Resp: 158473
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 29.3 24.6 36.8





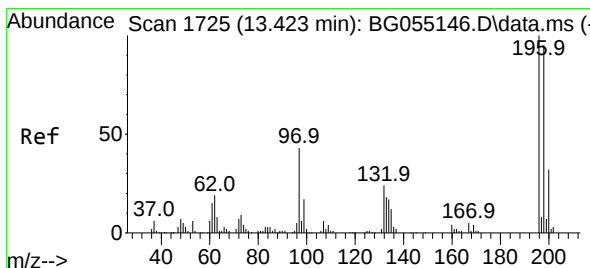
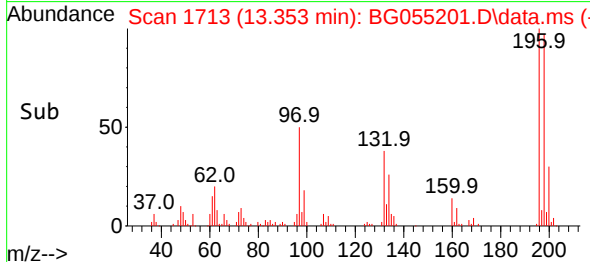
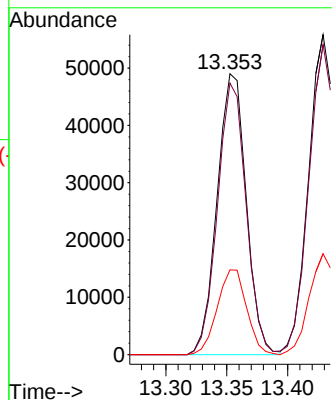
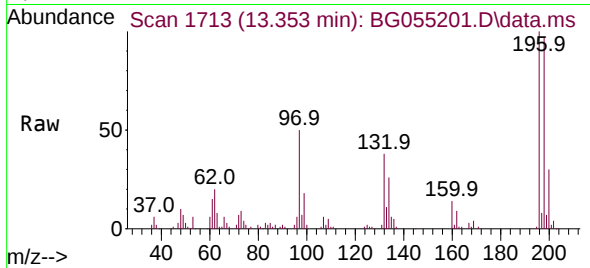
#43
2,4,6-Trichlorophenol
Concen: 49.667 ng
RT: 13.353 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion:196 Resp: 81540
Ion Ratio Lower Upper
196 100
198 96.7 75.0 112.6
200 30.2 24.5 36.7

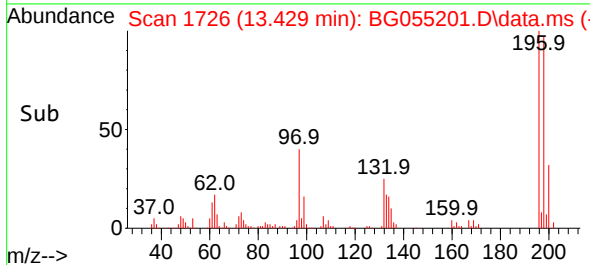
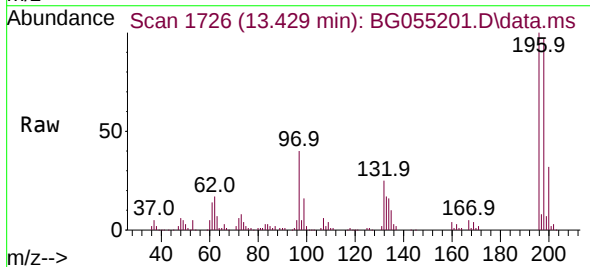
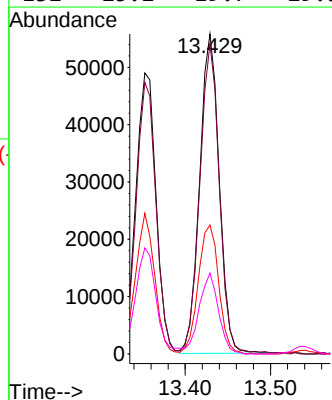
Manual Integrations
APPROVED

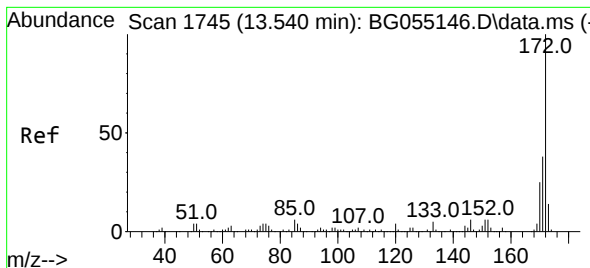
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#44
2,4,5-Trichlorophenol
Concen: 48.836 ng
RT: 13.429 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

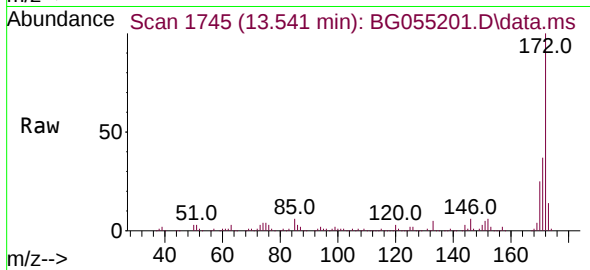
Tgt Ion:196 Resp: 88966
Ion Ratio Lower Upper
196 100
198 96.9 76.0 114.0
97 40.3 34.7 52.1
132 25.2 19.7 29.5





#45
2-Fluorobiphenyl
Concen: 85.173 ng
RT: 13.541 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

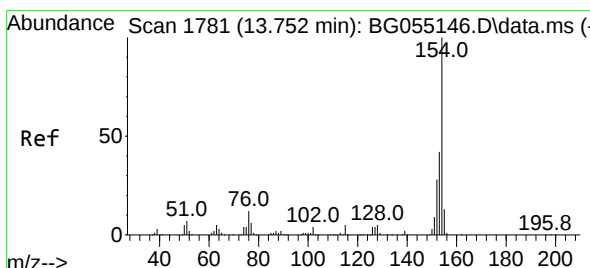
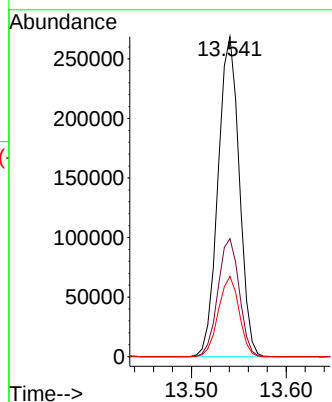
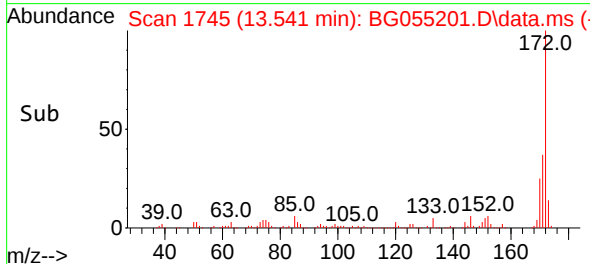
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



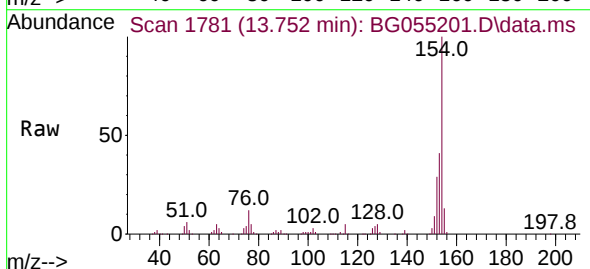
Tgt Ion:172 Resp: 417552
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 25.1 19.8 29.6

Manual Integrations
APPROVED

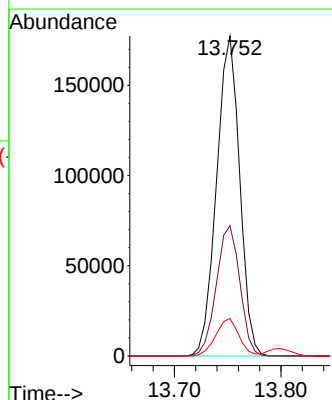
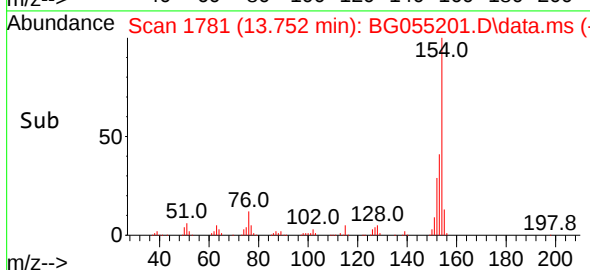
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

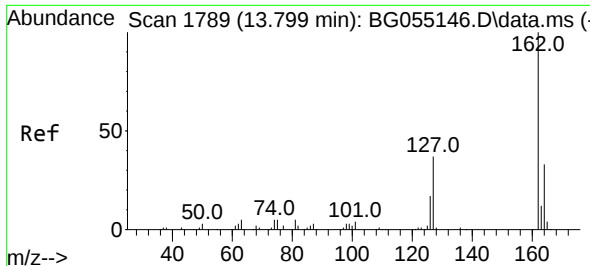


#46
1,1'-Biphenyl
Concen: 50.270 ng
RT: 13.752 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



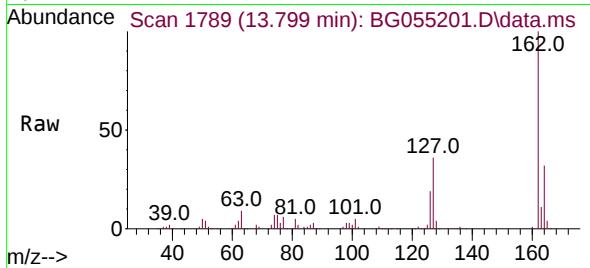
Tgt Ion:154 Resp: 267277
Ion Ratio Lower Upper
154 100
153 40.7 22.0 62.0
76 11.7 0.0 32.1





#47
2-Chloronaphthalene
Concen: 48.328 ng
RT: 13.799 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

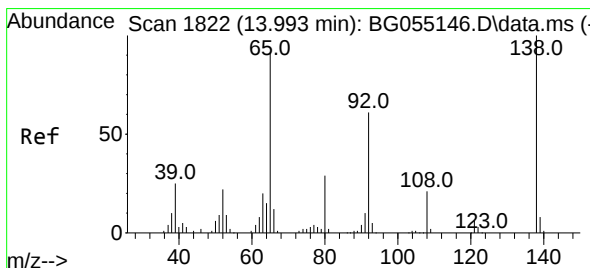
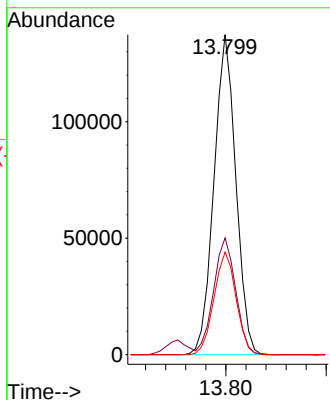
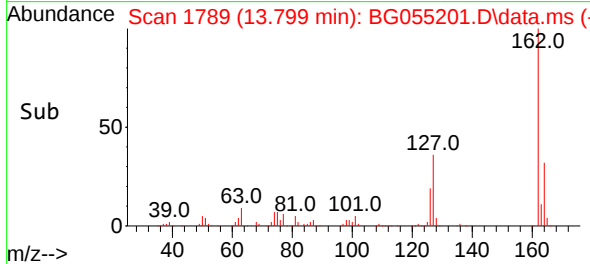
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



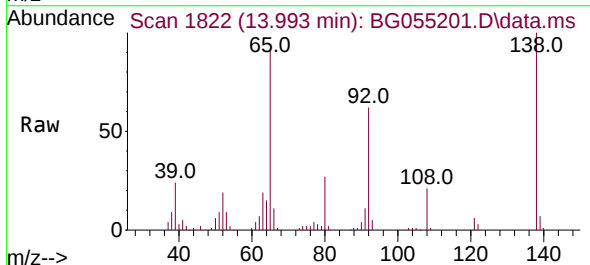
Tgt Ion:162 Resp: 207849
Ion Ratio Lower Upper
162 100
127 36.5 31.0 46.4
164 32.1 26.6 39.8

Manual Integrations
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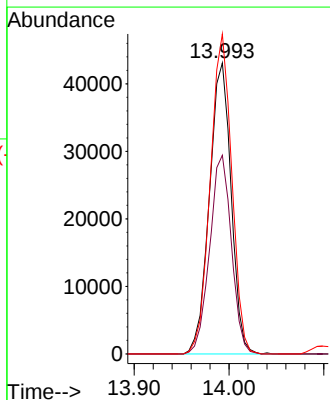
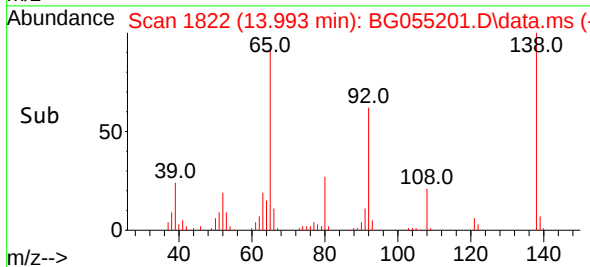
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

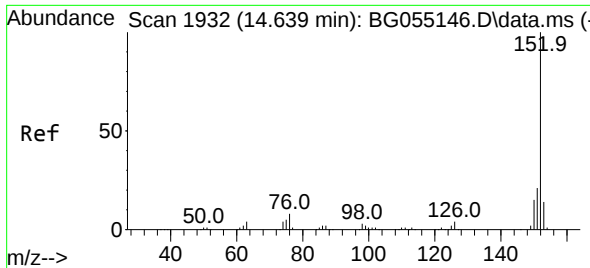


#48
2-Nitroaniline
Concen: 44.610 ng
RT: 13.993 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



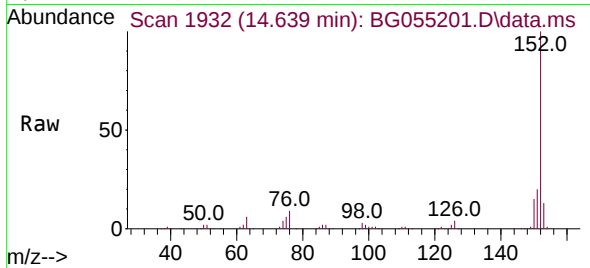
Tgt Ion: 65 Resp: 68447
Ion Ratio Lower Upper
65 100
92 68.3 53.0 79.4
138 110.0 87.5 131.3





#49
Acenaphthylene
Concen: 46.703 ng
RT: 14.639 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

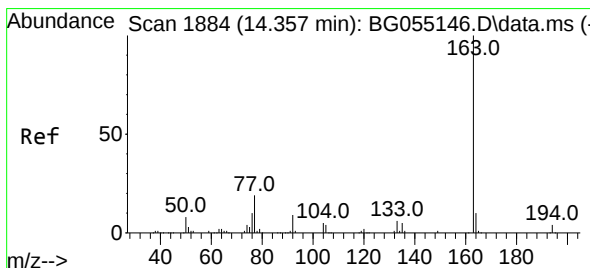
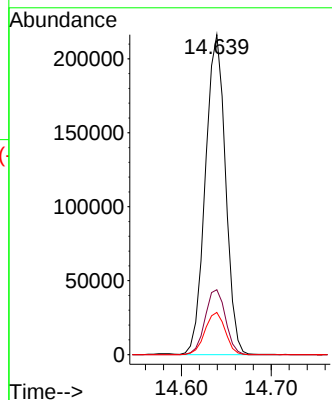
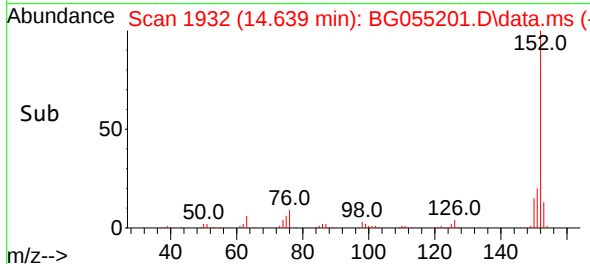
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



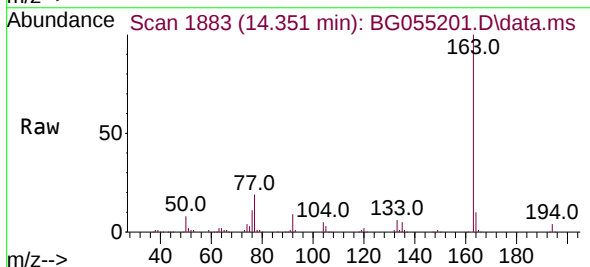
Tgt Ion:152 Resp: 337185
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.2 10.8 16.2

Manual Integrations
APPROVED

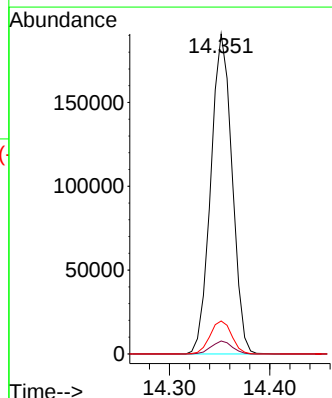
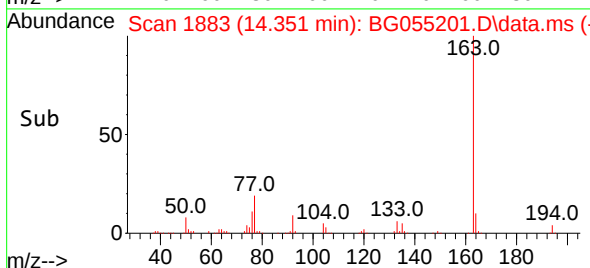
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

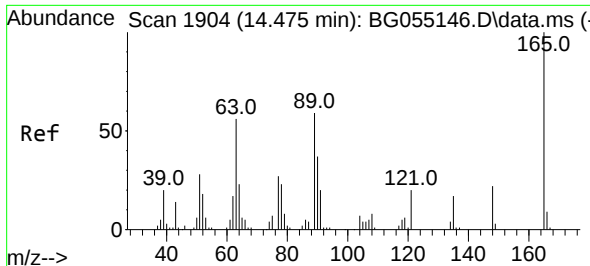


#50
Dimethylphthalate
Concen: 43.738 ng
RT: 14.351 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



Tgt Ion:163 Resp: 281559
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.1 12.1





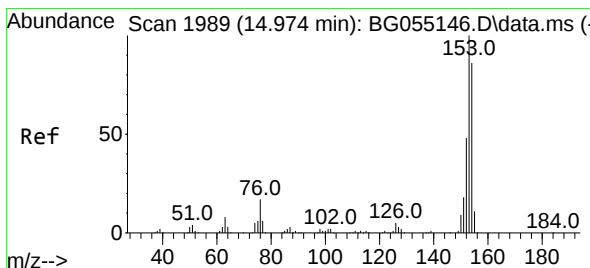
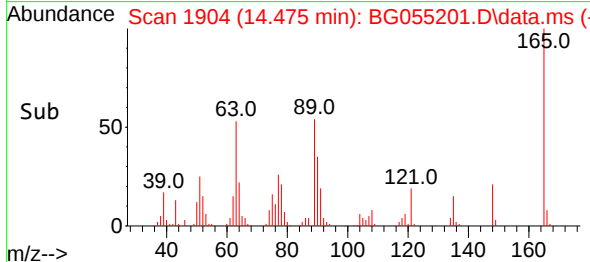
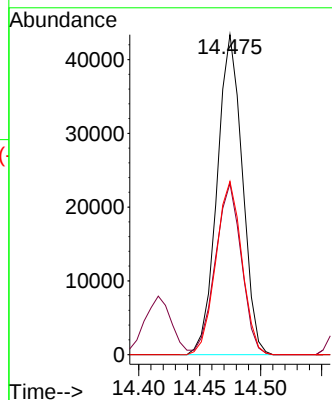
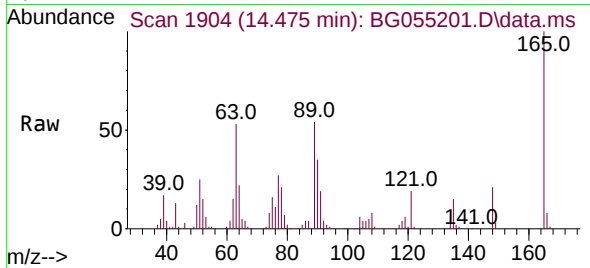
#51
2,6-Dinitrotoluene
Concen: 47.191 ng
RT: 14.475 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion:165 Resp: 62514
Ion Ratio Lower Upper
165 100
63 53.5 46.6 70.0
89 54.1 47.6 71.4

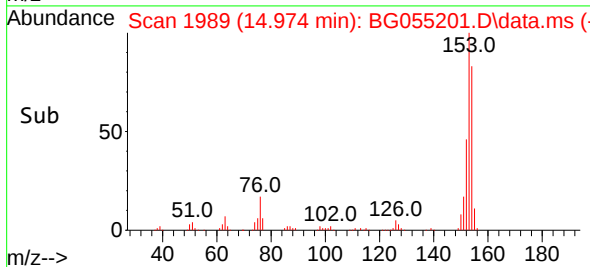
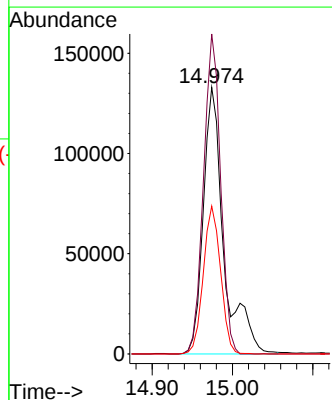
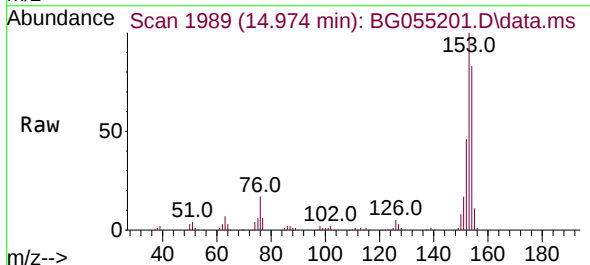
Manual Integrations
APPROVED

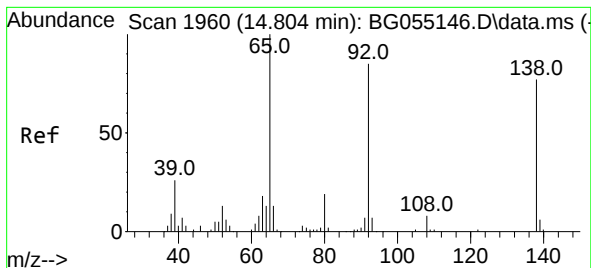
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#52
Acenaphthene
Concen: 50.755 ng m
RT: 14.974 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Tgt Ion:154 Resp: 237052
Ion Ratio Lower Upper
154 100
153 120.1 93.0 139.4
152 55.4 44.6 66.8





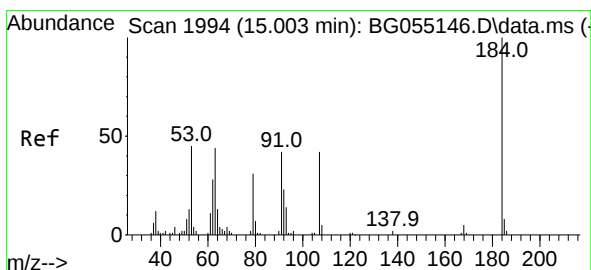
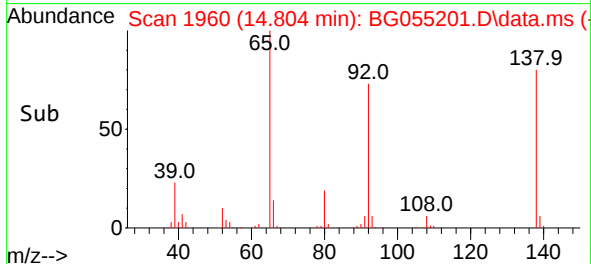
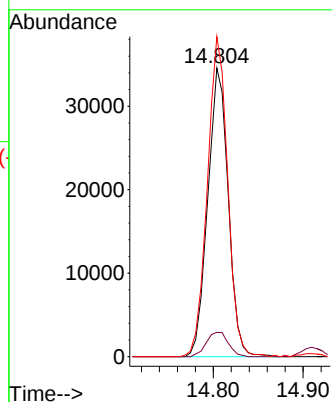
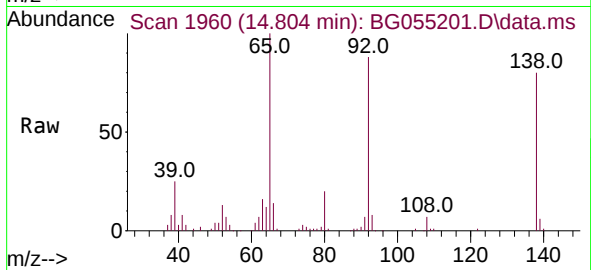
#53
3-Nitroaniline
Concen: 35.809 ng
RT: 14.804 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion:138 Resp: 54998
Ion Ratio Lower Upper
138 100
108 8.4 8.6 13.0
92 110.9 88.5 132.7

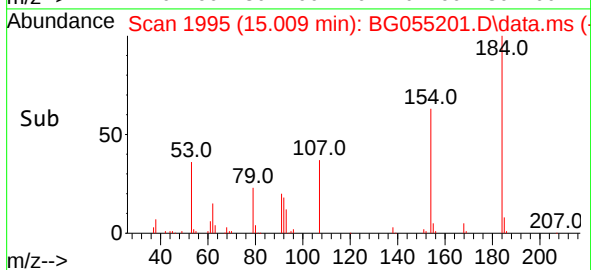
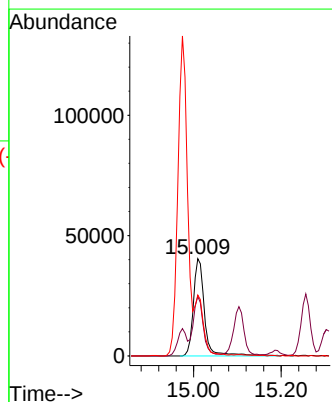
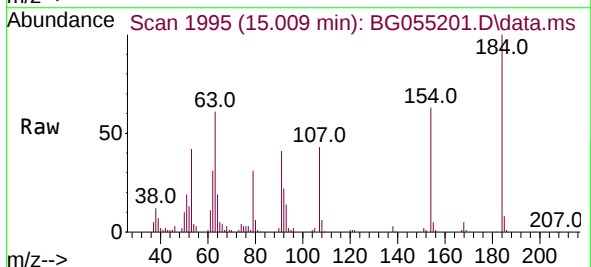
Manual Integrations
APPROVED

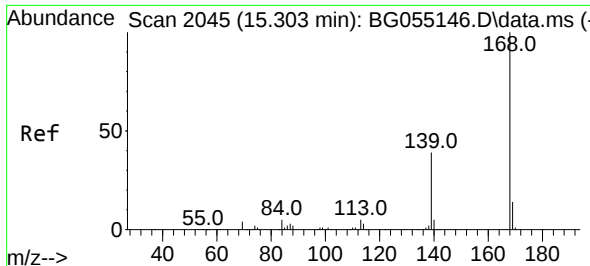
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#54
2,4-Dinitrophenol
Concen: 88.808 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

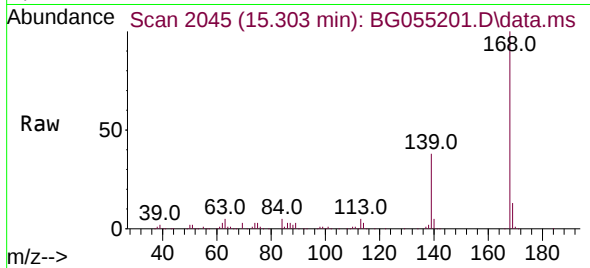
Tgt Ion:184 Resp: 71565
Ion Ratio Lower Upper
184 100
63 61.1 52.6 78.8
154 62.7 59.1 88.7





#55
Dibenzofuran
Concen: 46.571 ng
RT: 15.303 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

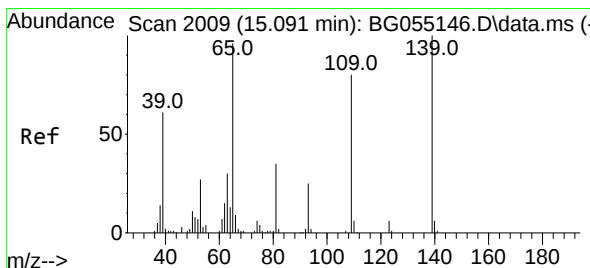
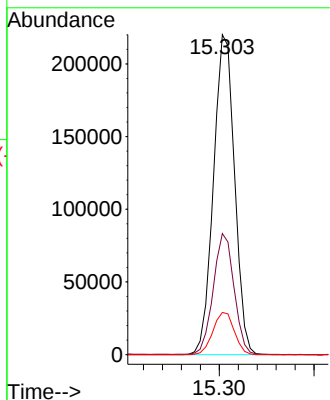
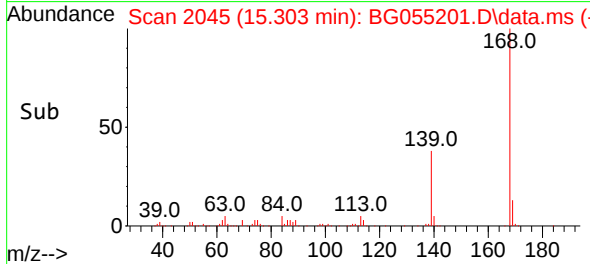
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



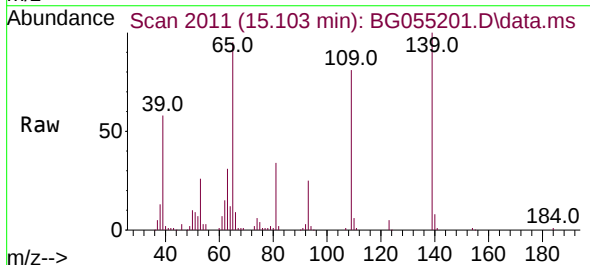
Tgt Ion:168 Resp: 339358
Ion Ratio Lower Upper
168 100
139 37.8 30.9 46.3
169 13.2 11.0 16.6

Manual Integrations
APPROVED

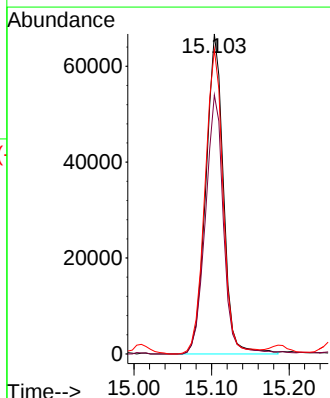
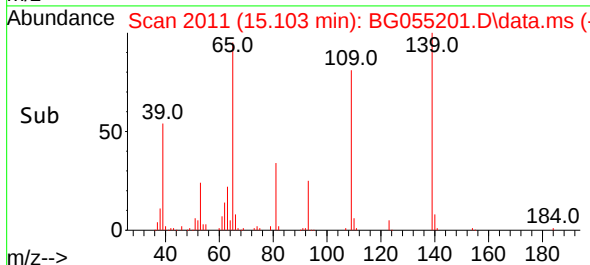
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

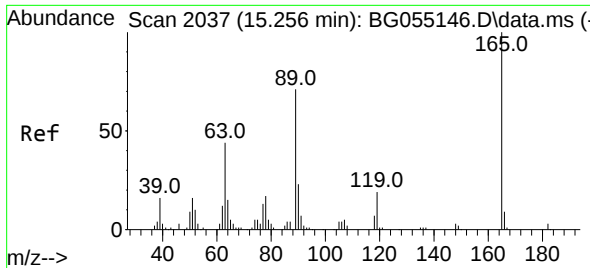


#56
4-Nitrophenol
Concen: 87.918 ng
RT: 15.103 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



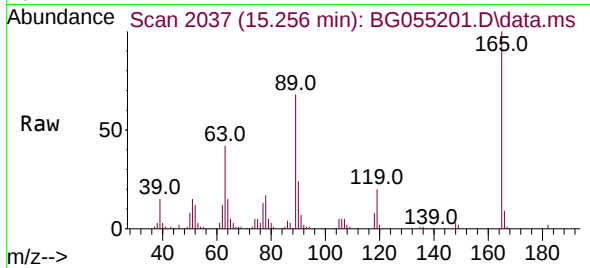
Tgt Ion:139 Resp: 105149
Ion Ratio Lower Upper
139 100
109 80.9 60.1 100.1
65 95.2 76.1 116.1





#57
2,4-Dinitrotoluene
Concen: 46.461 ng
RT: 15.256 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

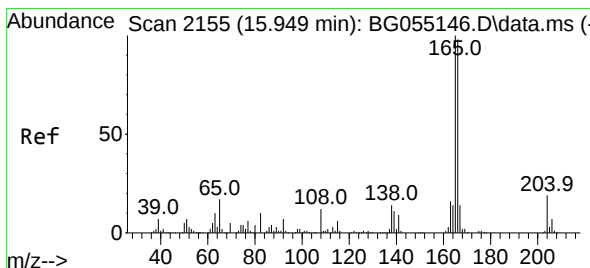
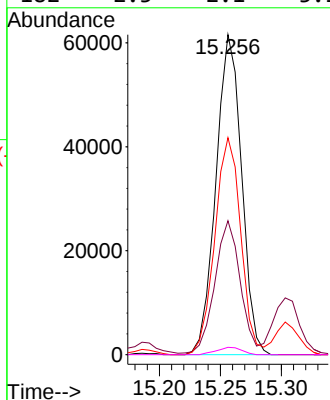
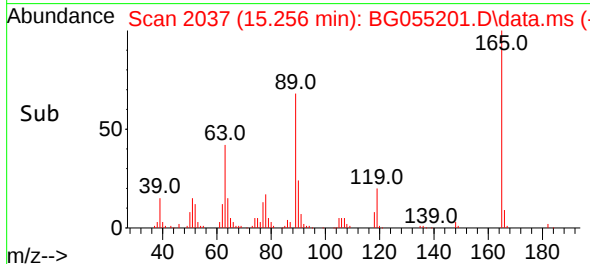
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



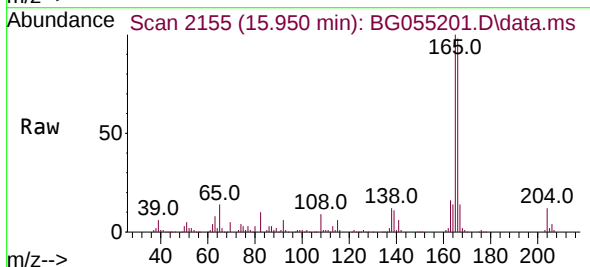
Tgt Ion:165 Resp: 90147
Ion Ratio Lower Upper
165 100
63 41.8 35.6 53.4
89 67.8 56.4 84.6
182 2.3 2.1 3.1

Manual Integrations
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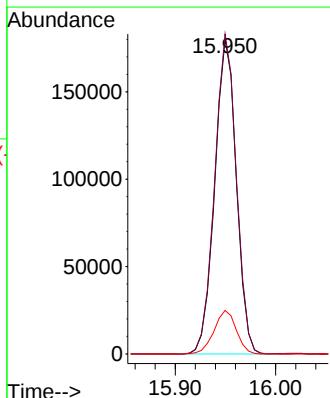
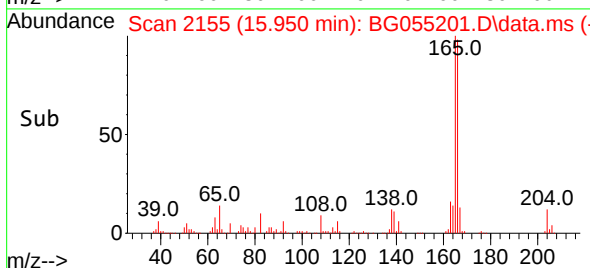
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

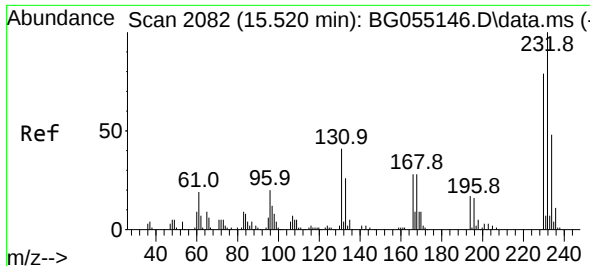


#58
Fluorene
Concen: 44.881 ng
RT: 15.950 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



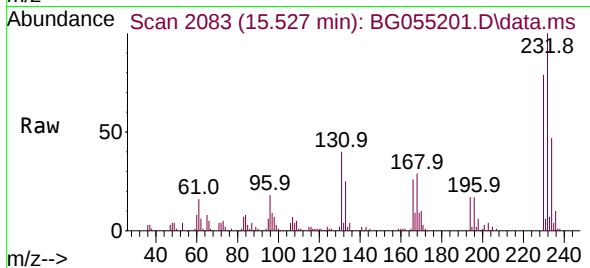
Tgt Ion:166 Resp: 268529
Ion Ratio Lower Upper
166 100
165 101.7 81.6 122.4
167 13.8 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.471 ng
RT: 15.527 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

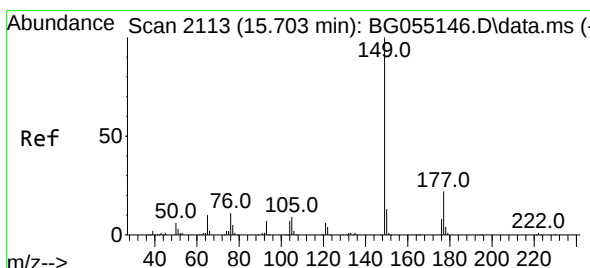
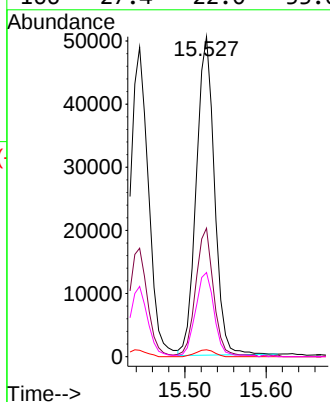
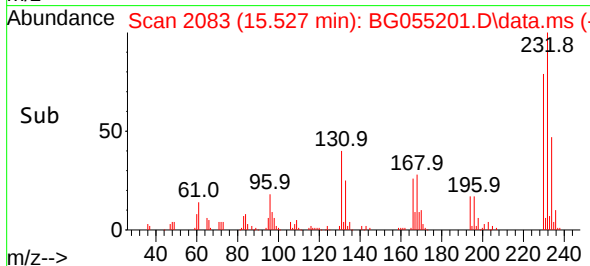
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



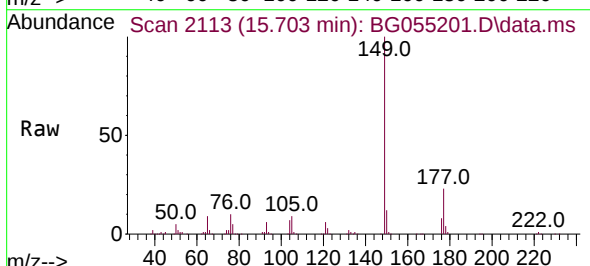
Tgt Ion:232 Resp: 78148
Ion Ratio Lower Upper
232 100
131 39.9 31.8 47.6
130 2.2 1.8 2.6
166 27.4 22.0 33.0

Manual Integrations
APPROVED

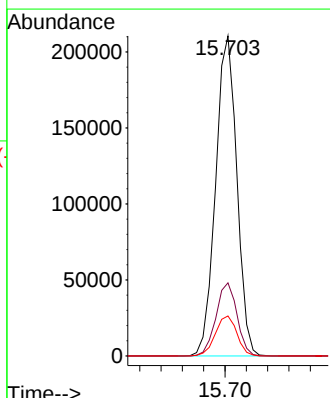
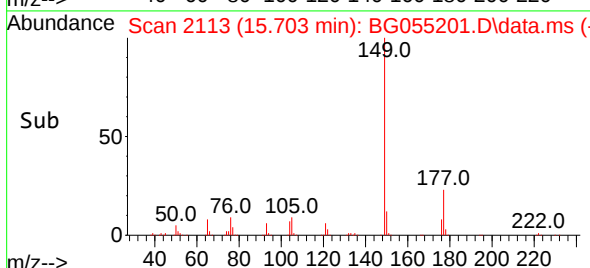
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

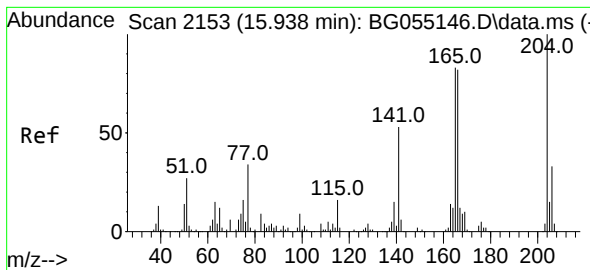


#60
Diethylphthalate
Concen: 43.007 ng
RT: 15.703 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



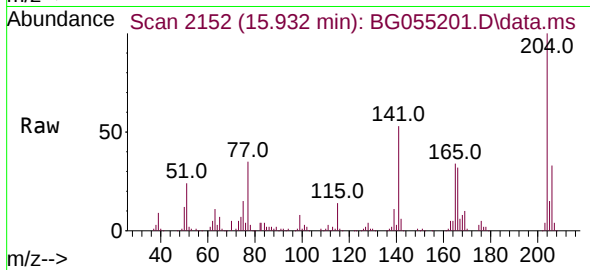
Tgt Ion:149 Resp: 291607
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.132 ng
RT: 15.932 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

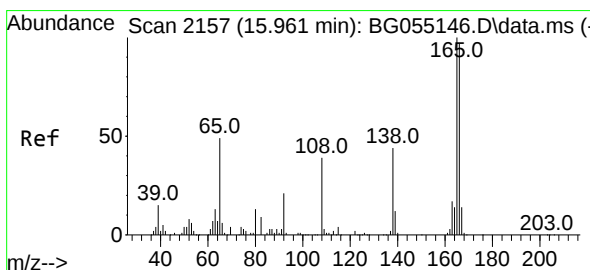
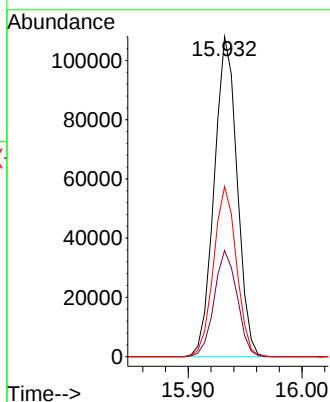
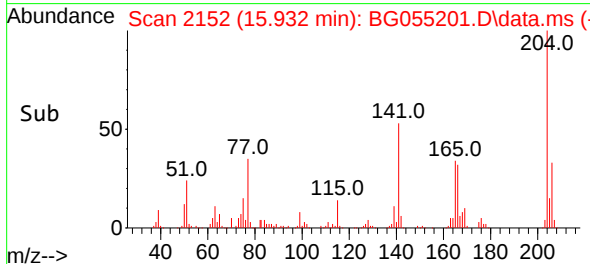
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



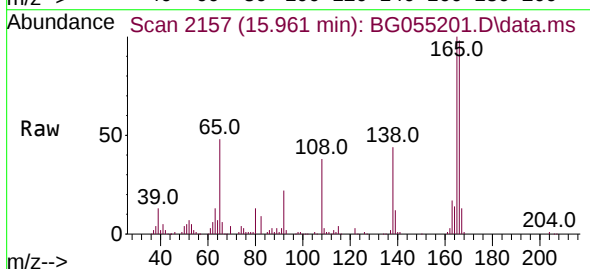
Tgt Ion:204 Resp: 150995
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 53.1 42.6 64.0

Manual Integrations
APPROVED

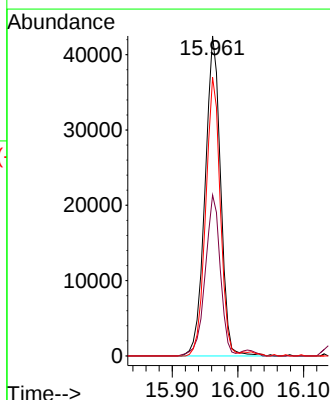
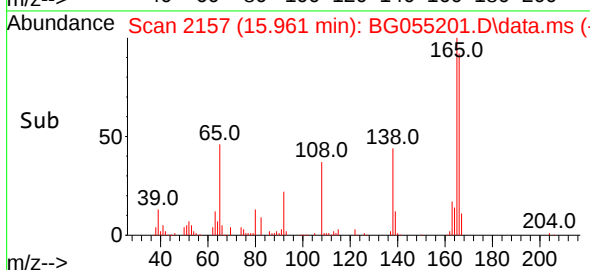
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

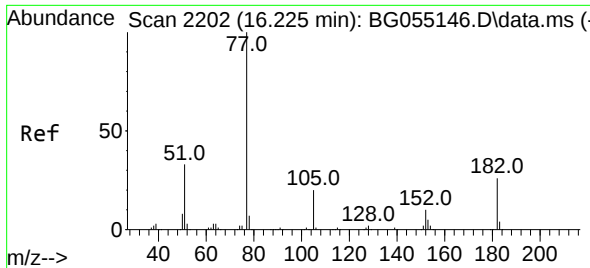


#62
4-Nitroaniline
Concen: 42.075 ng
RT: 15.961 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



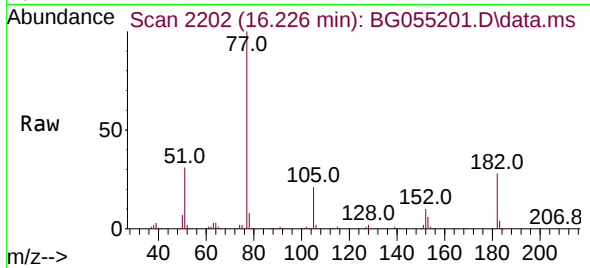
Tgt Ion:138 Resp: 69767
Ion Ratio Lower Upper
138 100
92 50.3 28.0 68.0
108 87.0 68.6 108.6





#63
Azobenzene
Concen: 43.693 ng
RT: 16.226 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

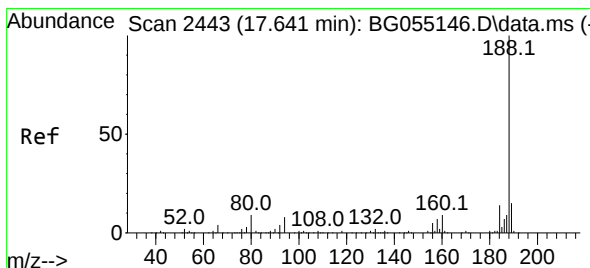
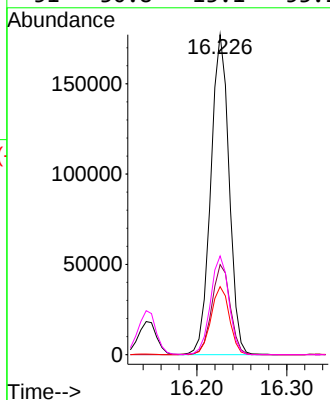
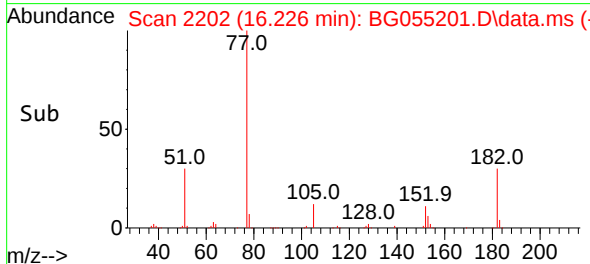
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



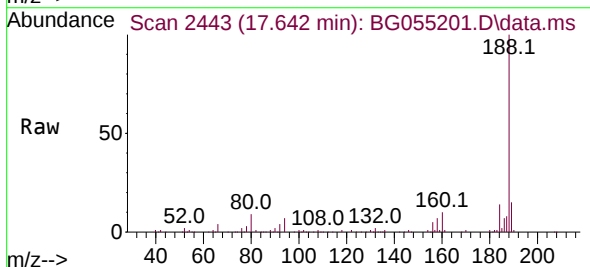
Tgt Ion: 77 Resp: 251518
Ion Ratio Lower Upper
77 100
182 28.1 6.0 46.0
105 21.2 0.0 40.0
51 30.8 13.1 53.1

Manual Integrations
APPROVED

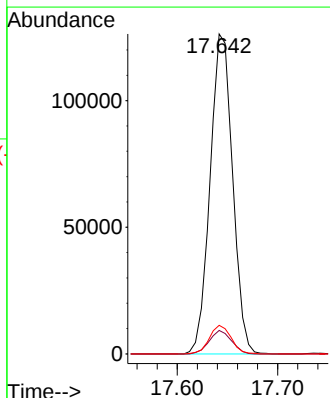
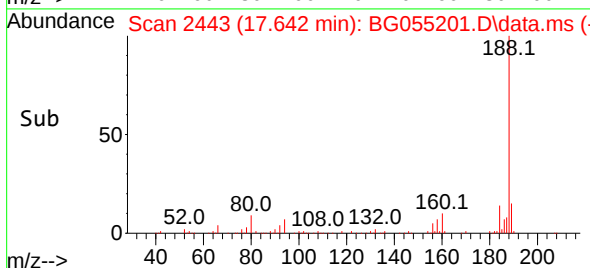
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

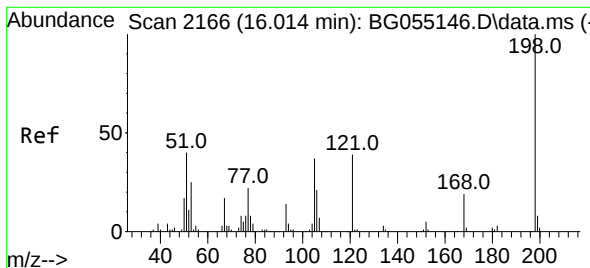


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



Tgt Ion:188 Resp: 197078
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.9 7.0 10.6





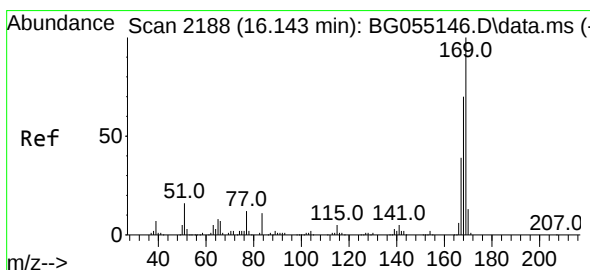
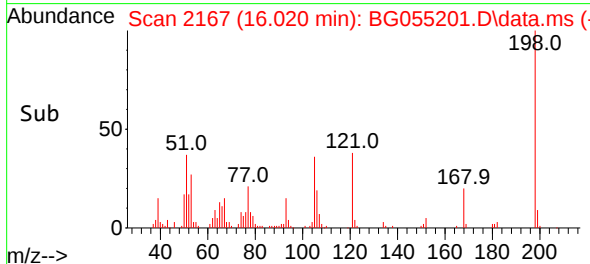
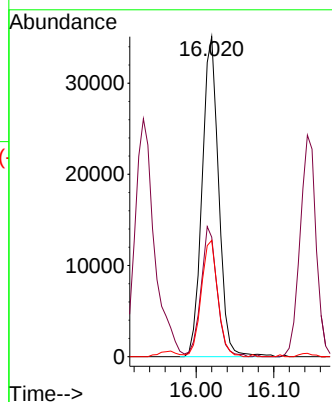
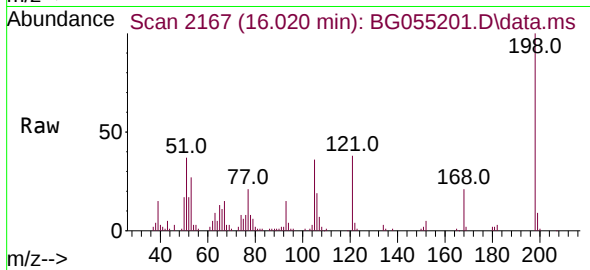
#65
4,6-Dinitro-2-methylphenol
Concen: 44.839 ng
RT: 16.020 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion:198 Resp: 5194
Ion Ratio Lower Upper
198 100
51 37.3 23.7 63.7
105 36.4 17.5 57.5

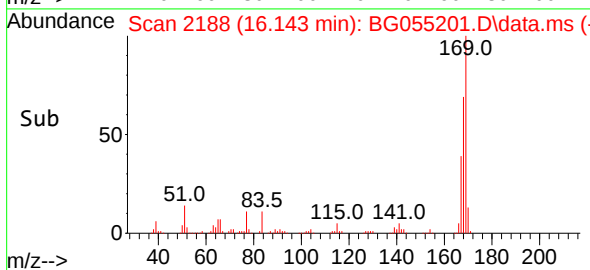
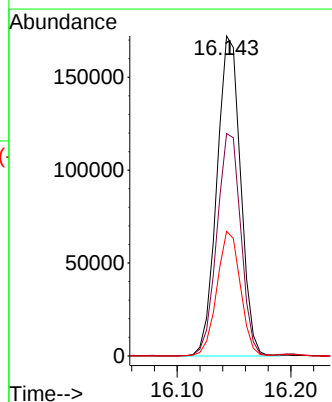
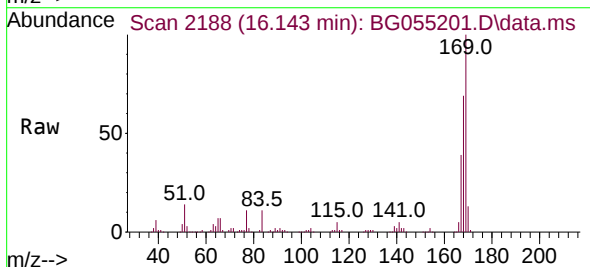
Manual Integrations
APPROVED

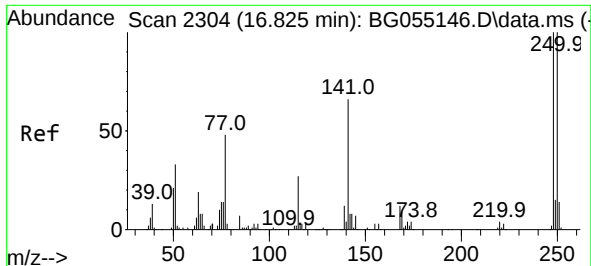
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 47.922 ng
RT: 16.143 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

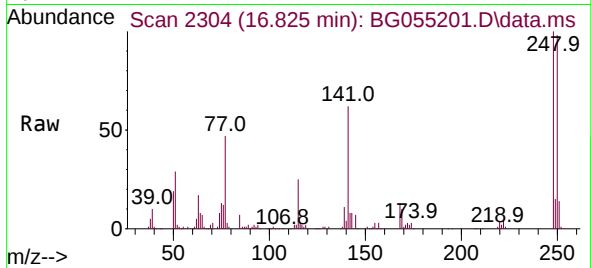
Tgt Ion:169 Resp: 249151
Ion Ratio Lower Upper
169 100
168 69.5 56.3 84.5
167 38.9 31.0 46.4





#67
4-Bromophenyl-phenylether
Concen: 48.343 ng
RT: 16.825 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

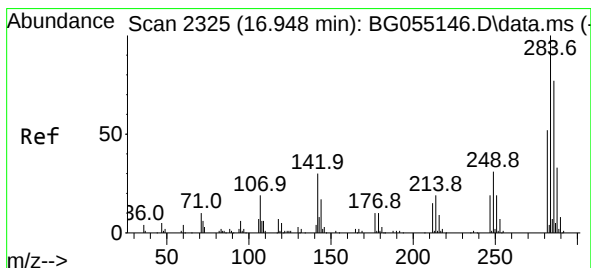
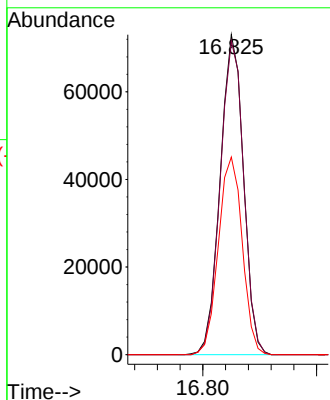
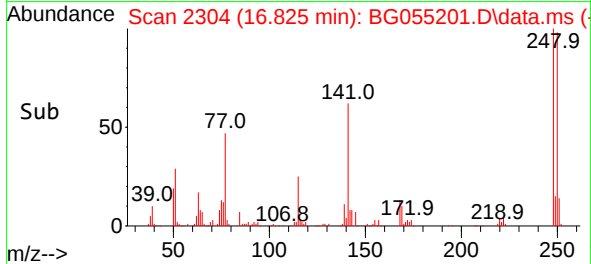
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



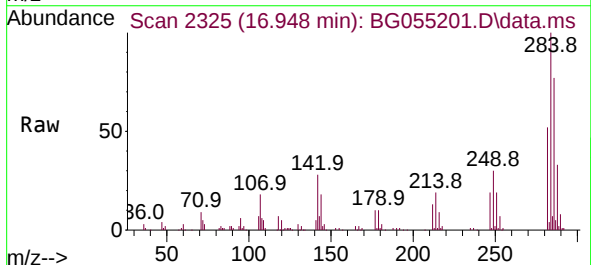
Tgt Ion:248 Resp: 103859
Ion Ratio Lower Upper
248 100
250 98.1 80.1 120.1
141 61.7 53.1 79.7

Manual Integrations
APPROVED

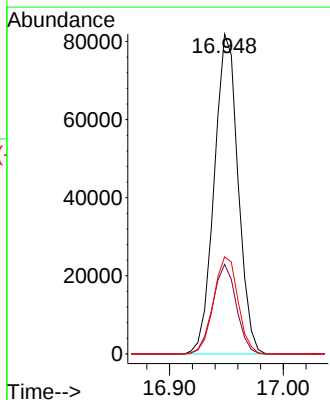
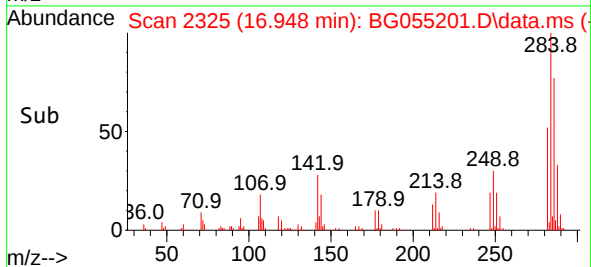
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

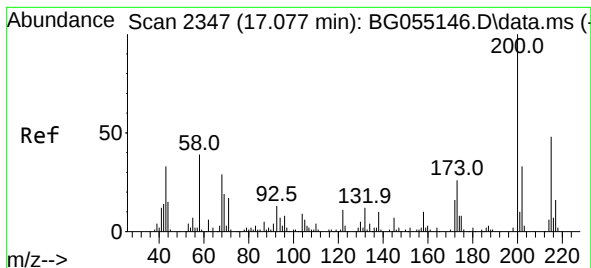


#68
Hexachlorobenzene
Concen: 48.205 ng
RT: 16.948 min Scan# 2325
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



Tgt Ion:284 Resp: 119033
Ion Ratio Lower Upper
284 100
142 28.0 23.9 35.9
249 30.3 24.9 37.3





#69

Atrazine

Concen: 51.913 ng

RT: 17.084 min Scan# 2348

Delta R.T. 0.006 min

Lab File: BG055201.D

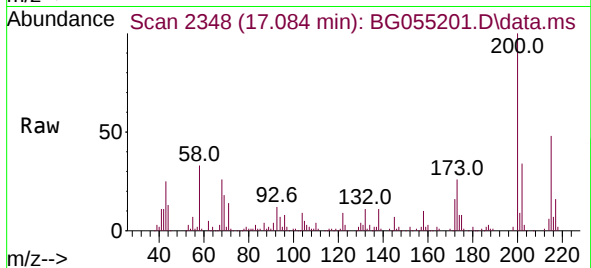
Acq: 17 Oct 2022 20:53

Instrument :

BNA_G

ClientSampleId :

WC-C2(0-6)MSD



Tgt Ion:200 Resp: 106407

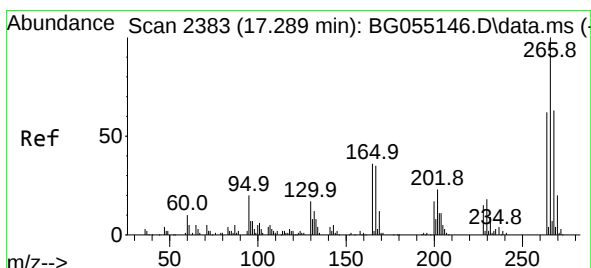
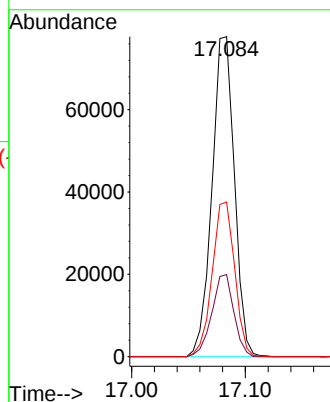
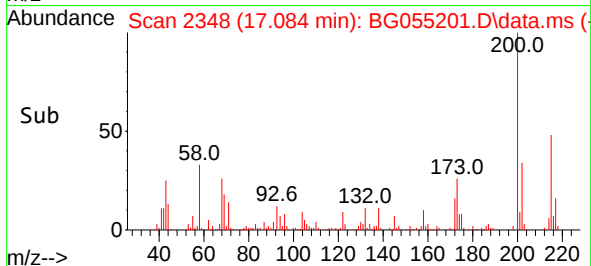
Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.5	45.5
215	48.3	28.2	68.2

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#70

Pentachlorophenol

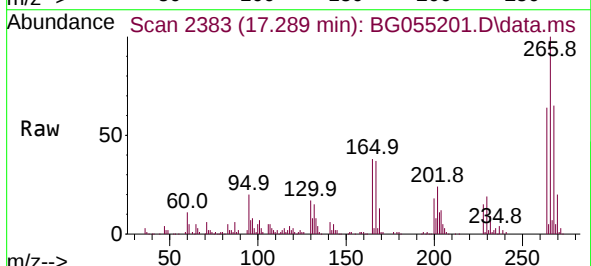
Concen: 86.424 ng

RT: 17.289 min Scan# 2383

Delta R.T. 0.000 min

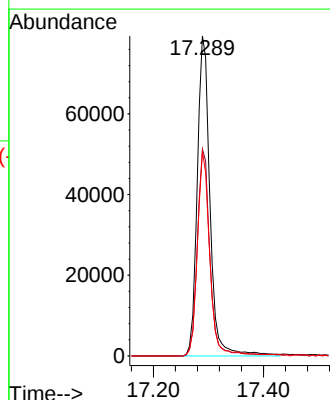
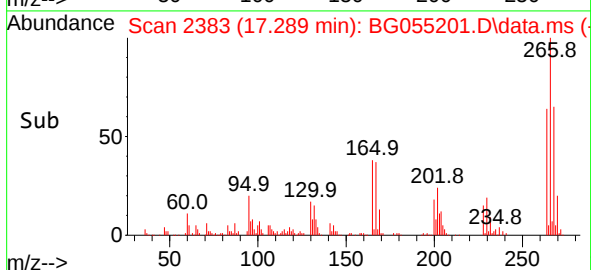
Lab File: BG055201.D

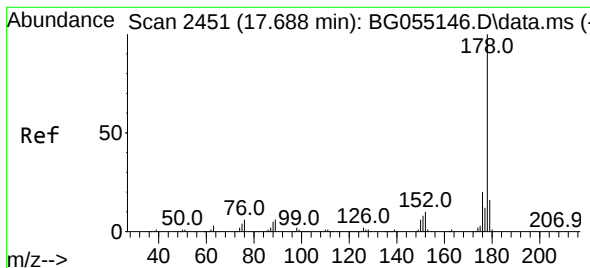
Acq: 17 Oct 2022 20:53



Tgt Ion:266 Resp: 127149

Ion	Ratio	Lower	Upper
266	100		
268	64.7	54.2	81.4
264	63.9	52.7	79.1





#71

Phenanthrene

Concen: 50.199 ng

RT: 17.689 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BG055201.D

Acq: 17 Oct 2022 20:53

Instrument :

BNA_G

ClientSampleId :

WC-C2(0-6)MSD

Tgt Ion:178 Resp: 513149

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

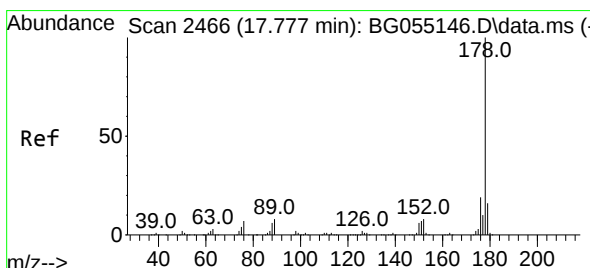
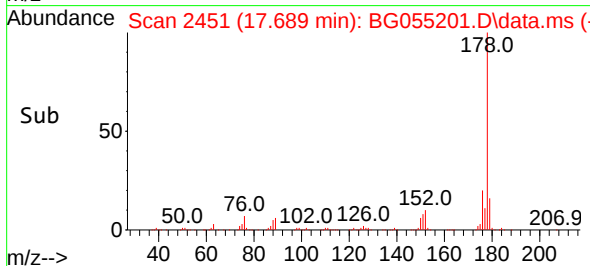
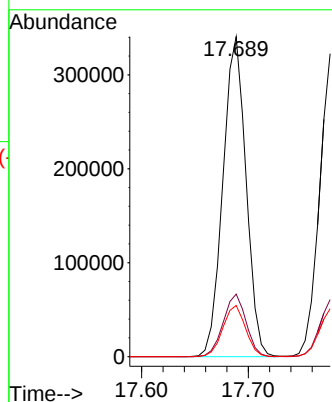
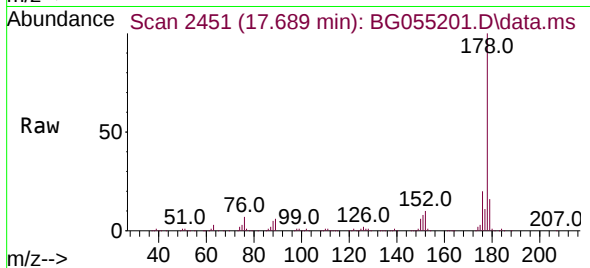
179 16.0 12.7 19.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#72

Anthracene

Concen: 48.136 ng

RT: 17.777 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BG055201.D

Acq: 17 Oct 2022 20:53

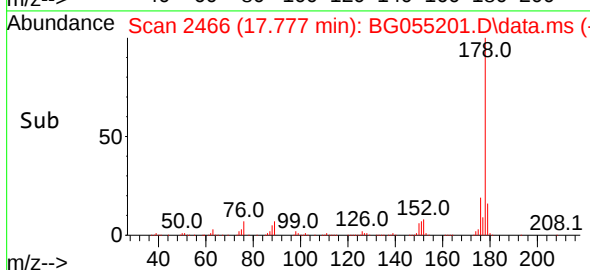
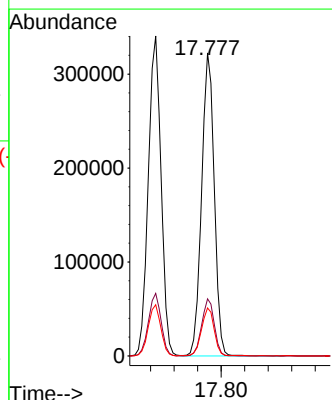
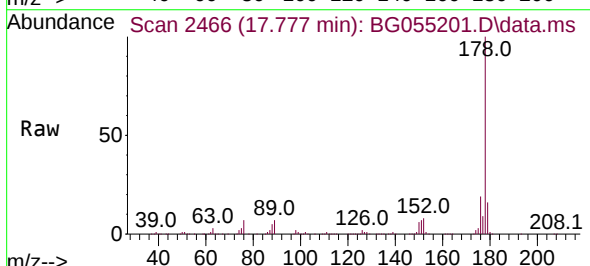
Tgt Ion:178 Resp: 480872

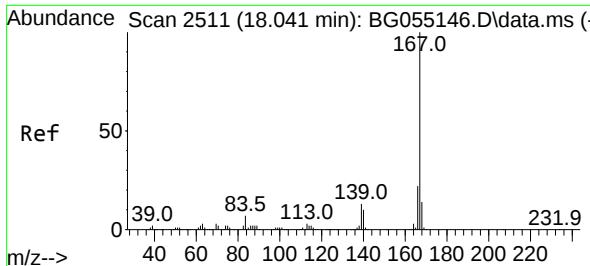
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

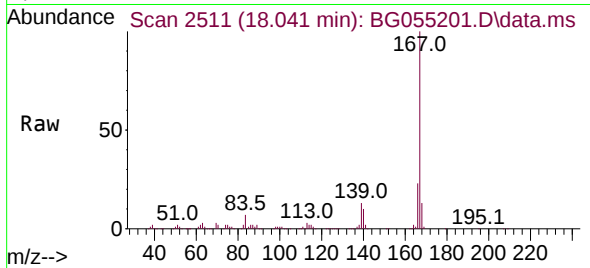
179 15.8 13.0 19.4





#73
 Carbazole
 Concen: 47.416 ng
 RT: 18.041 min Scan# 2511
 Delta R.T. 0.000 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53

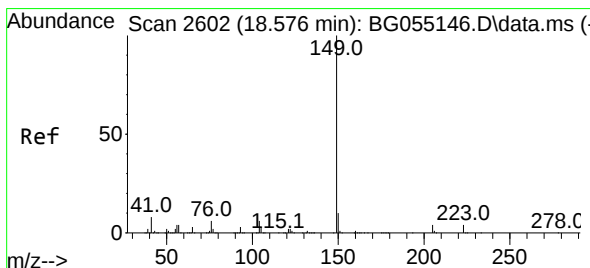
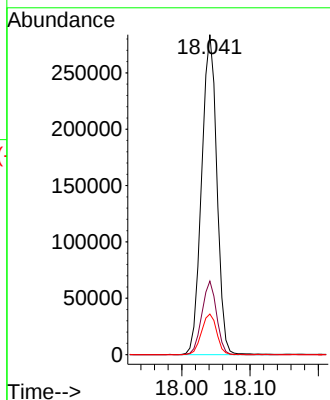
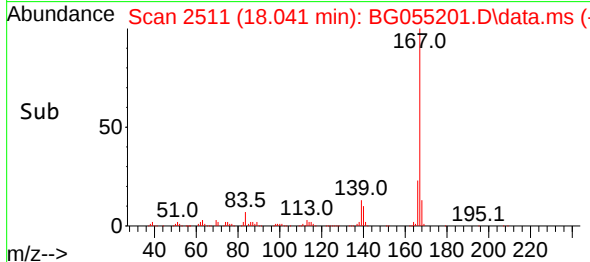
Instrument :
 BNA_G
 ClientSampleId :
 WC-C2(0-6)MSD



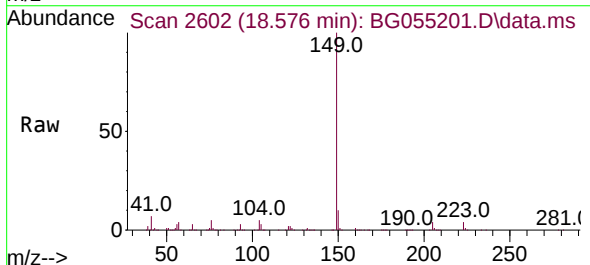
Tgt Ion:167 Resp: 441043
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.9 26.9
 139 12.7 10.2 15.2

Manual Integrations
 APPROVED

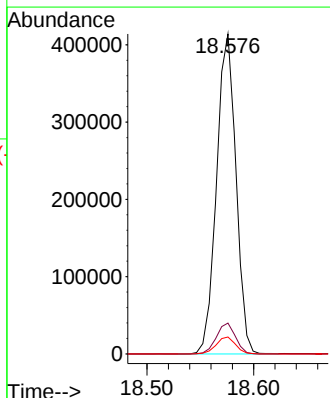
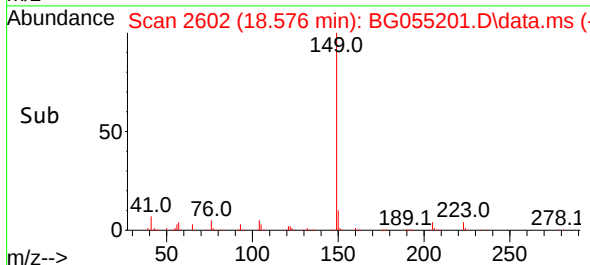
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022

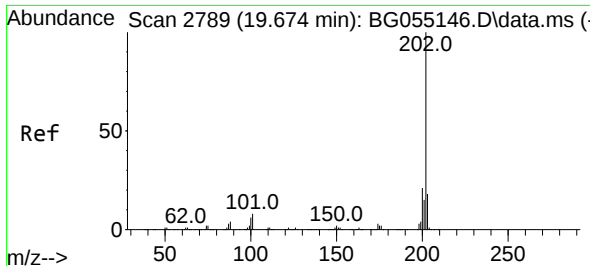


#74
 Di-n-butylphthalate
 Concen: 45.779 ng
 RT: 18.576 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53



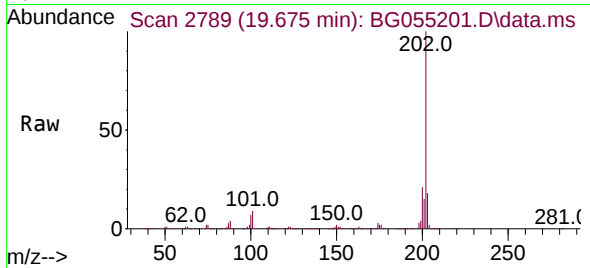
Tgt Ion:149 Resp: 524202
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.6 6.8





#75
Fluoranthene
Concen: 50.889 ng
RT: 19.675 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

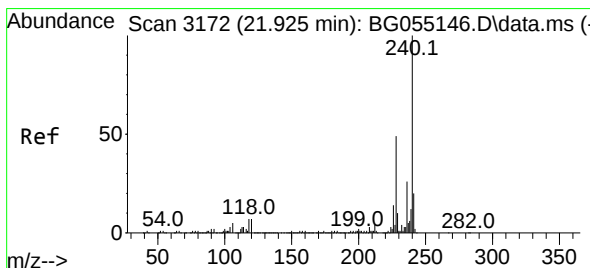
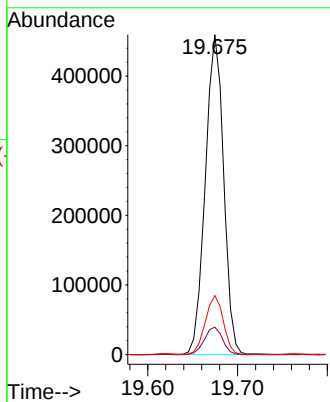
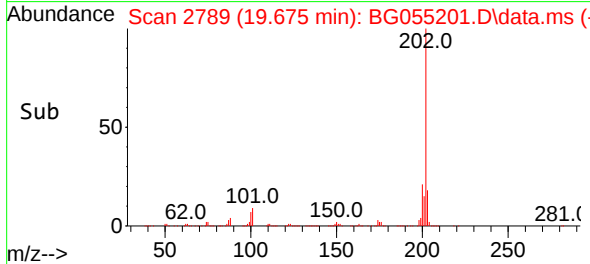
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



Tgt Ion:202 Resp: 650275
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.4
203 18.4 0.0 37.8

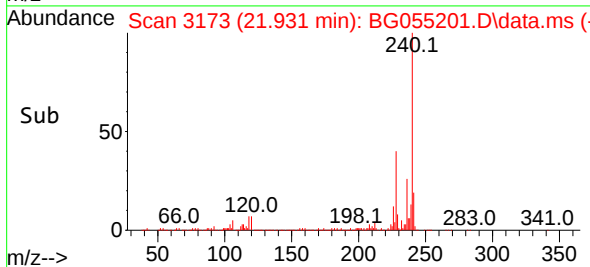
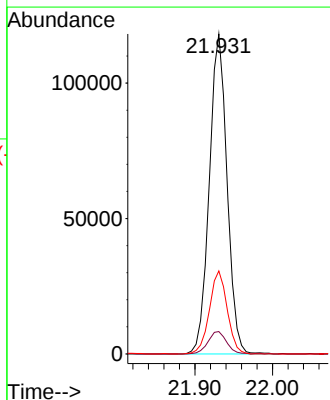
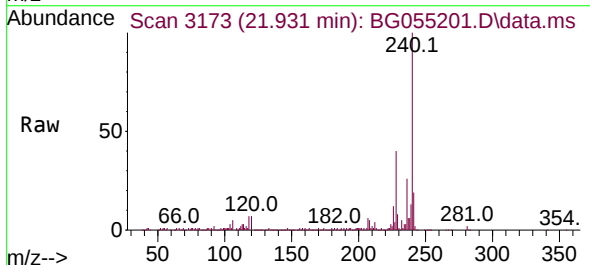
Manual Integrations
APPROVED

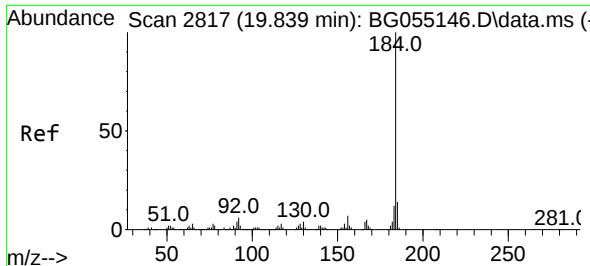
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

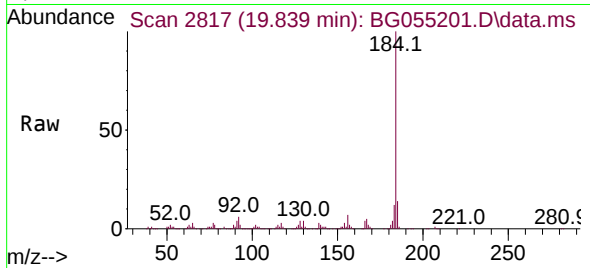
Tgt Ion:240 Resp: 188004
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 25.9 20.6 31.0





#77
Benzidine
Concen: 68.358 ng
RT: 19.839 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

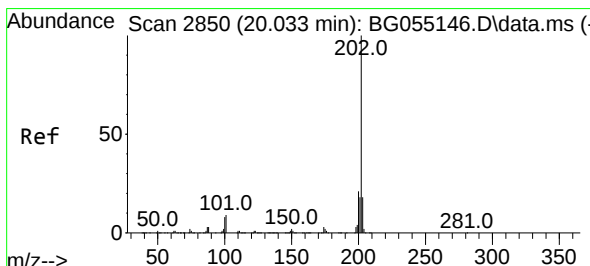
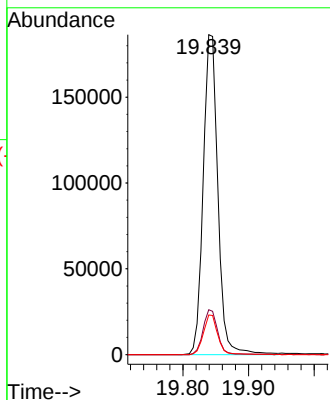
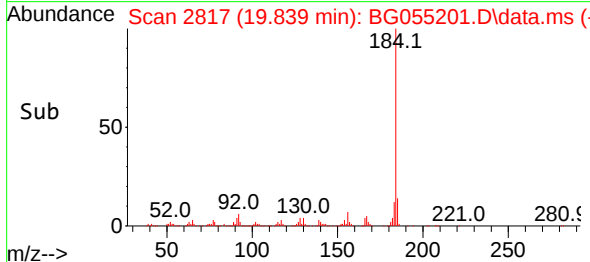
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



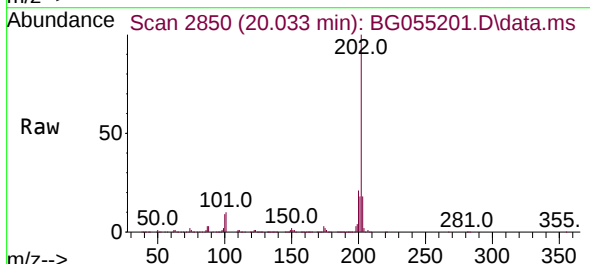
Tgt Ion:184 Resp: 288199
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 12.4 9.4 14.2

Manual Integrations
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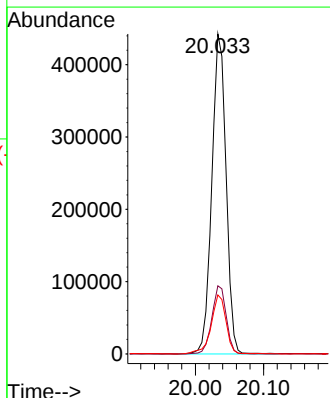
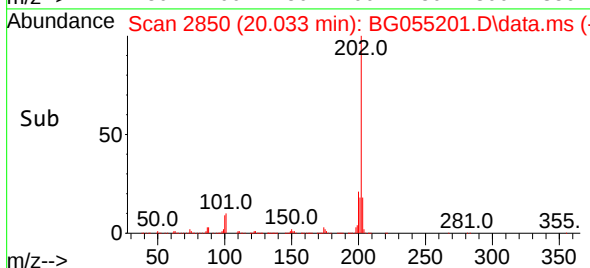
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

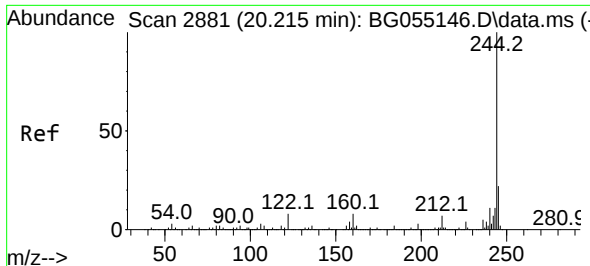


#78
Pyrene
Concen: 51.102 ng
RT: 20.033 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



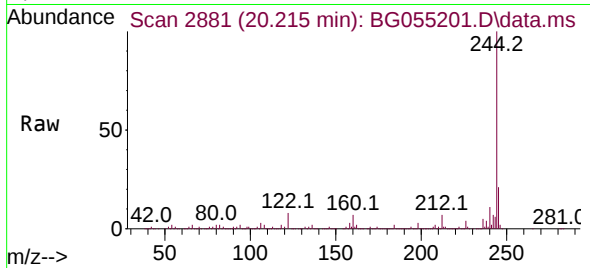
Tgt Ion:202 Resp: 640450
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.4 14.4 21.6





#79
 Terphenyl-d14
 Concen: 83.533 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. 0.000 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53

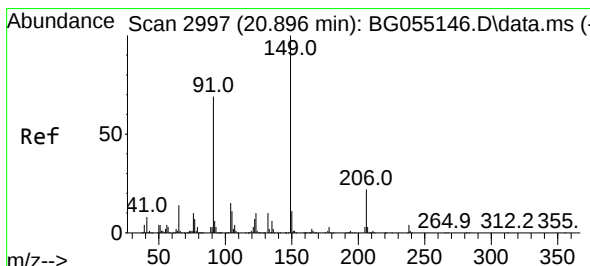
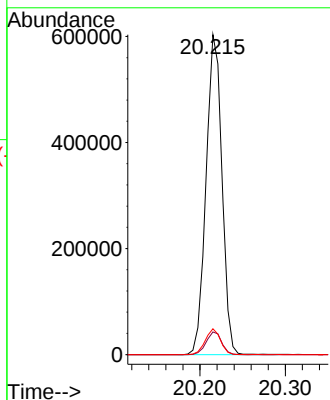
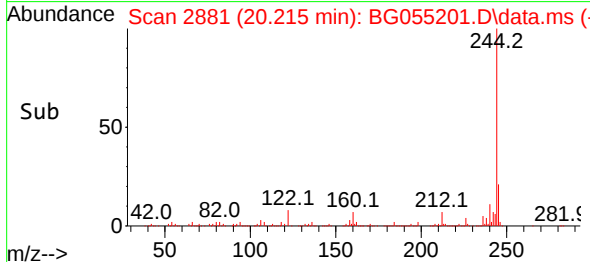
Instrument :
 BNA_G
 ClientSampleId :
 WC-C2(0-6)MSD



Tgt Ion:244 Resp: 779752
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.1 6.6 10.0

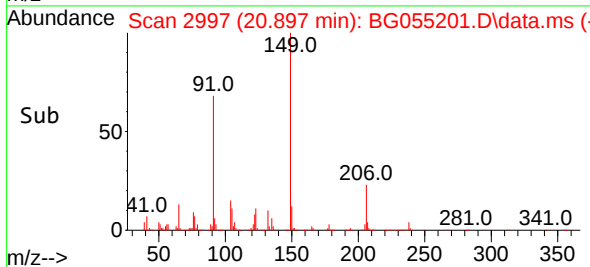
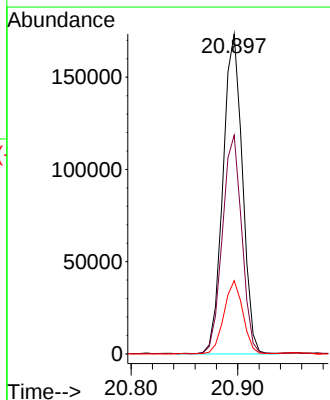
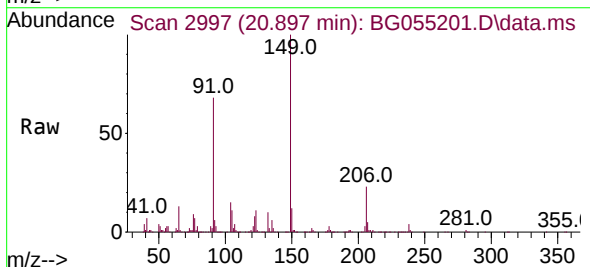
Manual Integrations
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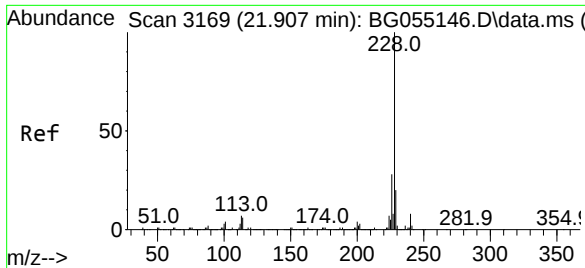
Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022



#80
 Butylbenzylphthalate
 Concen: 45.674 ng
 RT: 20.897 min Scan# 2997
 Delta R.T. 0.000 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53

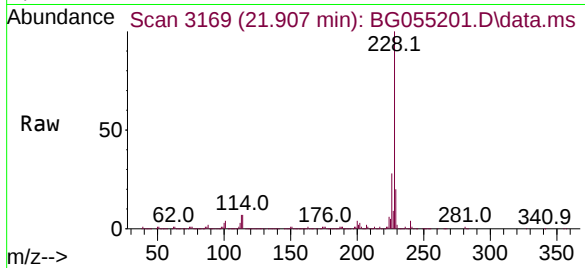
Tgt Ion:149 Resp: 219743
 Ion Ratio Lower Upper
 149 100
 91 68.3 55.1 82.7
 206 22.9 17.9 26.9





#81
Benzo(a)anthracene
Concen: 47.824 ng
RT: 21.907 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

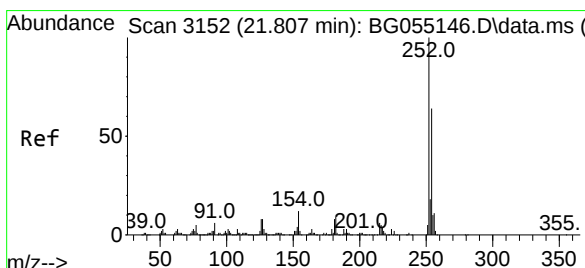
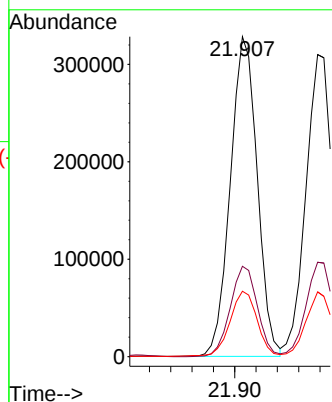
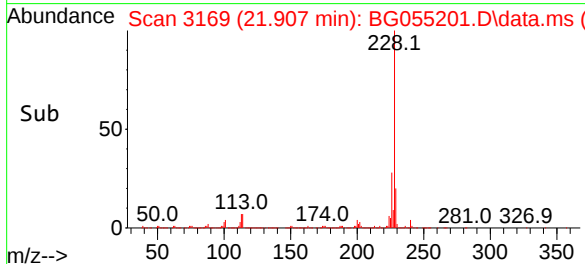
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



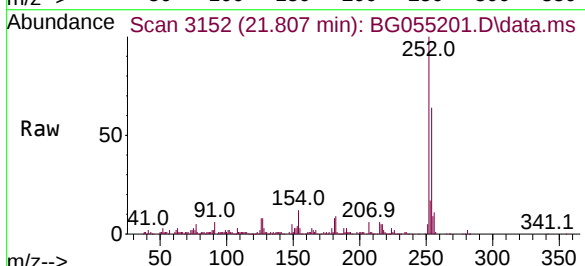
Tgt Ion:228 Resp: 575266
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 20.4 16.2 24.4

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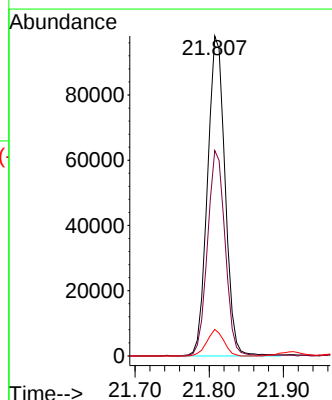
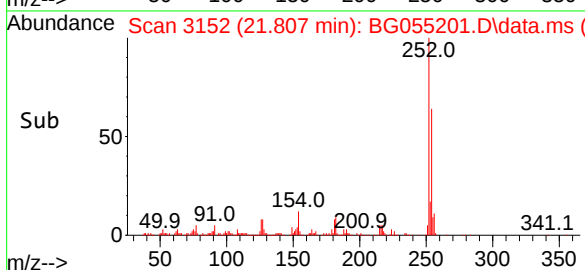
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

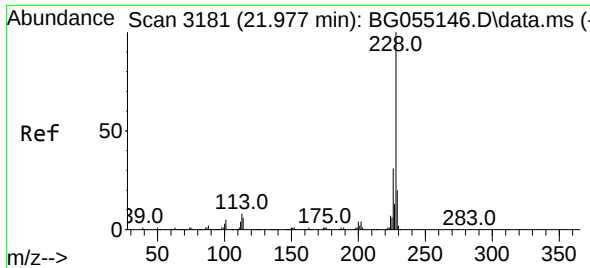


#82
3,3'-Dichlorobenzidine
Concen: 39.033 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53



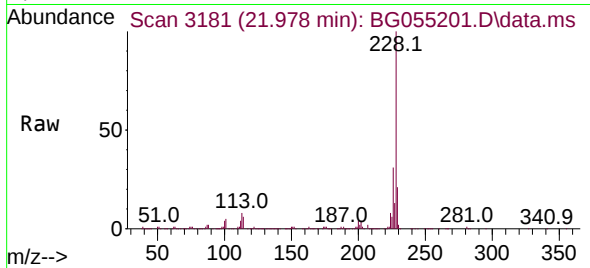
Tgt Ion:252 Resp: 161135
Ion Ratio Lower Upper
252 100
254 64.2 51.6 77.4
126 8.3 6.3 9.5





#83
Chrysene
Concen: 47.261 ng
RT: 21.978 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

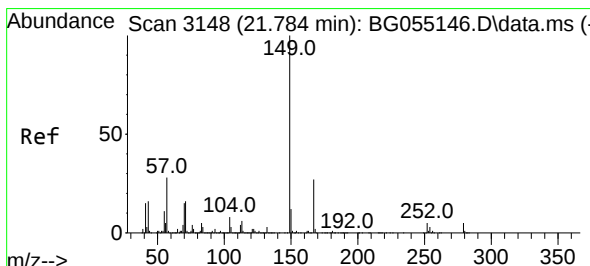
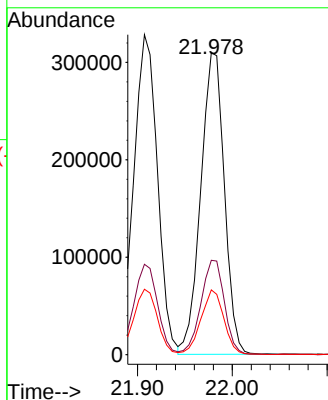
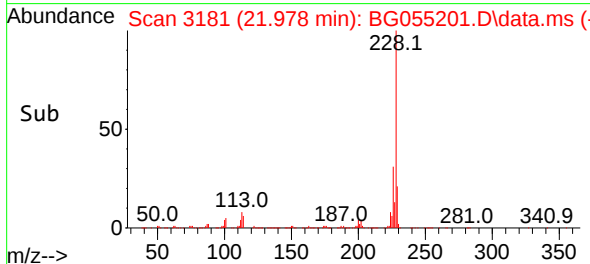
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



Tgt Ion:228 Resp: 536280
Ion Ratio Lower Upper
228 100
226 31.2 25.1 37.7
229 21.4 16.2 24.2

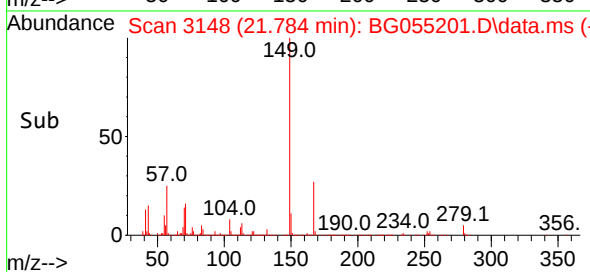
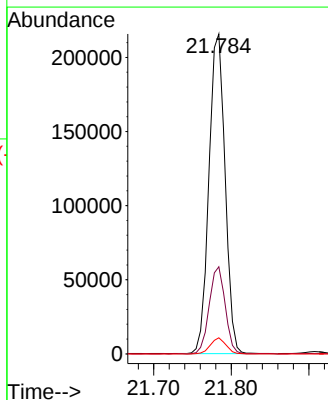
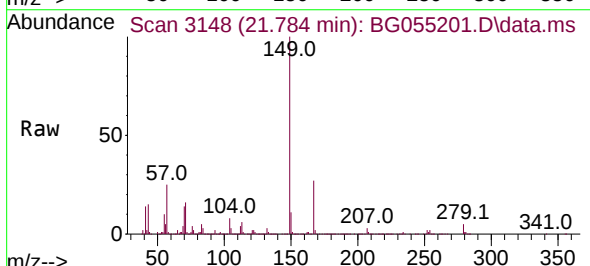
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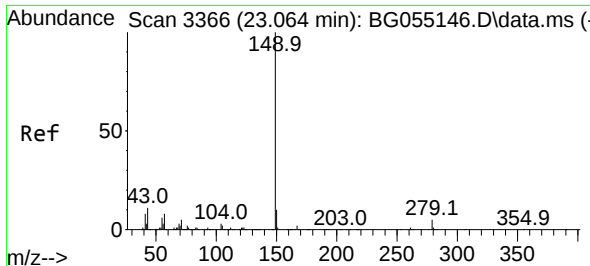
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.435 ng
RT: 21.784 min Scan# 3148
Delta R.T. 0.000 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

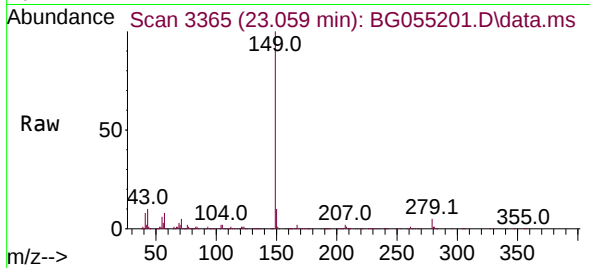
Tgt Ion:149 Resp: 311379
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 45.246 ng
RT: 23.059 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

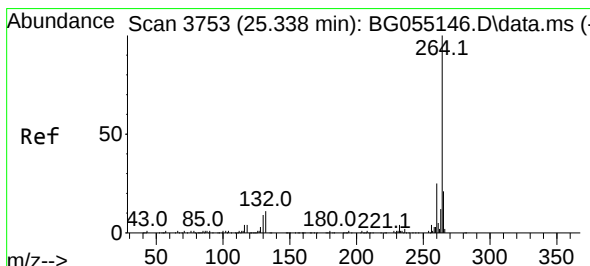
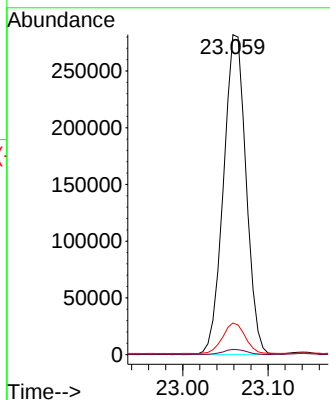
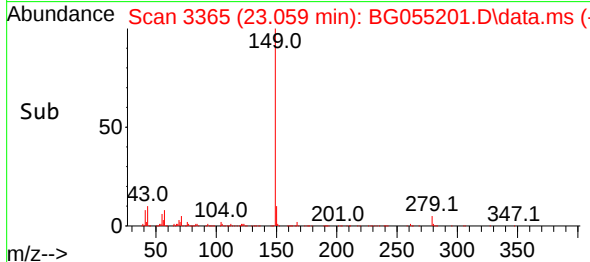
Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD



Tgt Ion:149 Resp: 516973
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.6 8.6 12.8

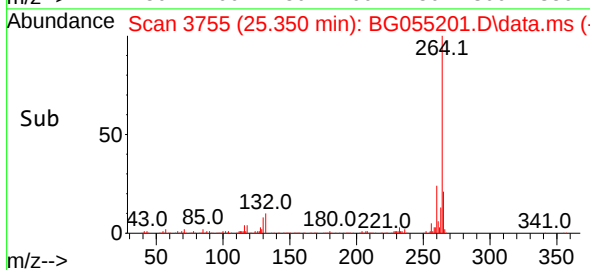
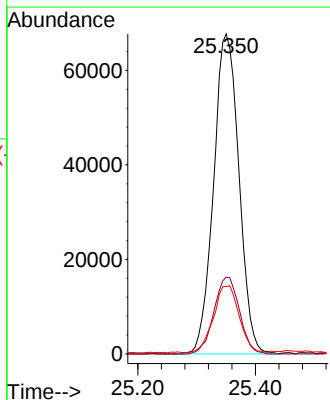
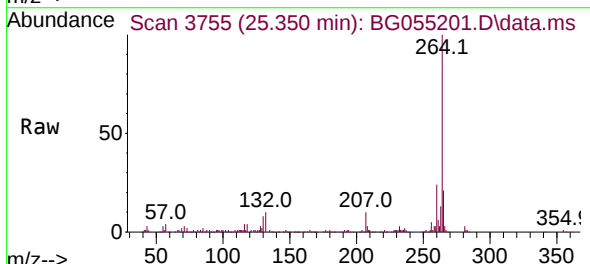
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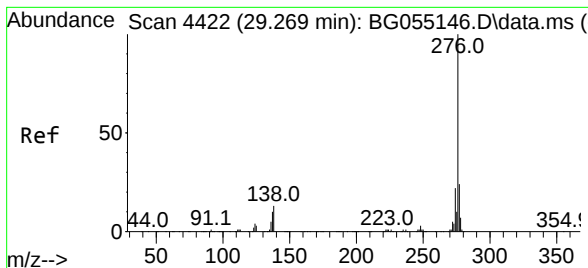
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3755
Delta R.T. 0.012 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Tgt Ion:264 Resp: 202545
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 21.1 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.239 ng

RT: 29.299 min Scan# 44

Delta R.T. 0.030 min

Lab File: BG055201.D

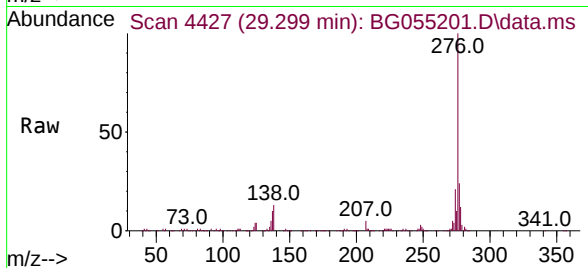
Acq: 17 Oct 2022 20:53

Instrument :

BNA_G

ClientSampleId :

WC-C2(0-6)MSD



Tgt Ion:276 Resp: 69374

Ion Ratio Lower Upper

276 100

138 10.8 13.4 20.0

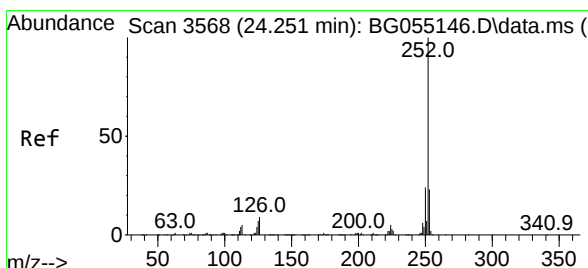
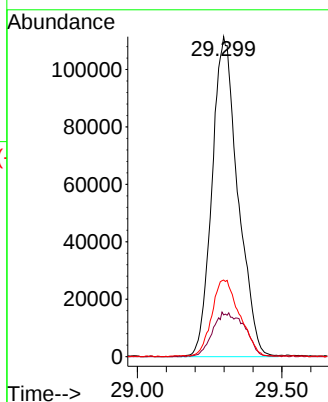
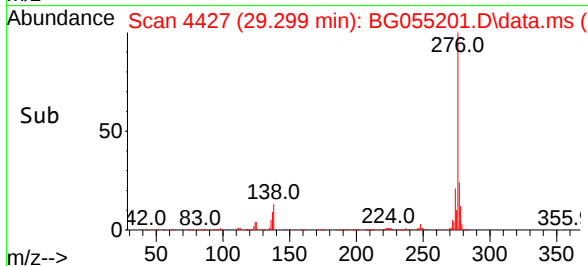
277 25.3 20.5 30.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/18/2022

Supervised By :Jagrut Upadhyay 10/18/2022



#88

Benzo(b)fluoranthene

Concen: 51.982 ng

RT: 24.263 min Scan# 3570

Delta R.T. 0.012 min

Lab File: BG055201.D

Acq: 17 Oct 2022 20:53

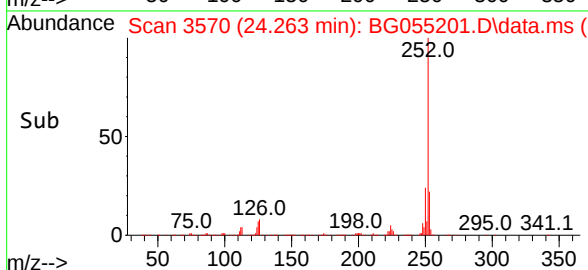
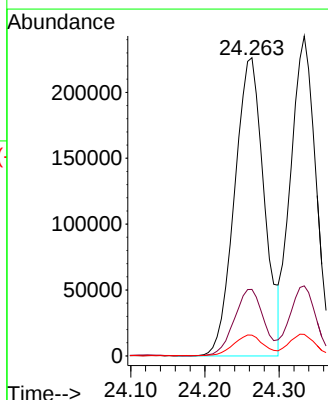
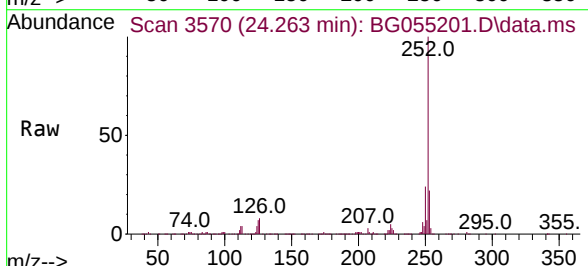
Tgt Ion:252 Resp: 627536

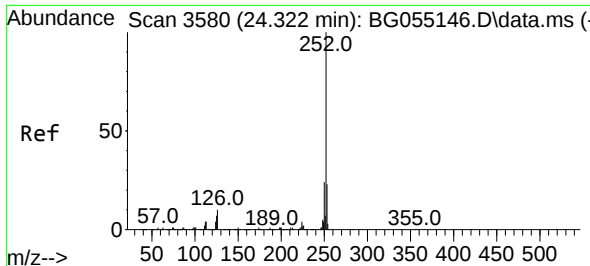
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 6.9 5.7 8.5





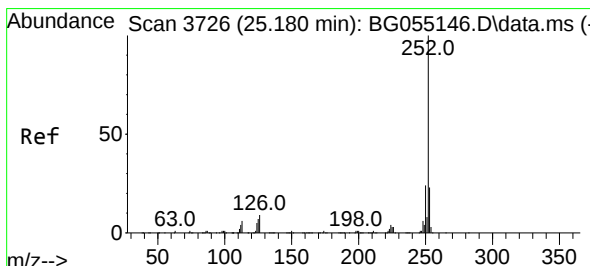
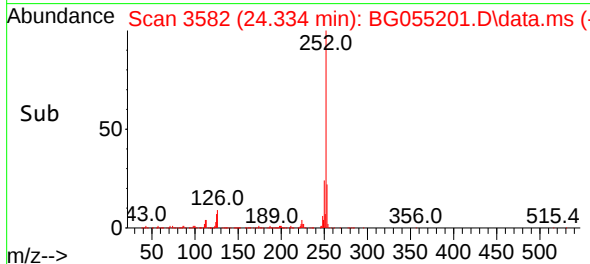
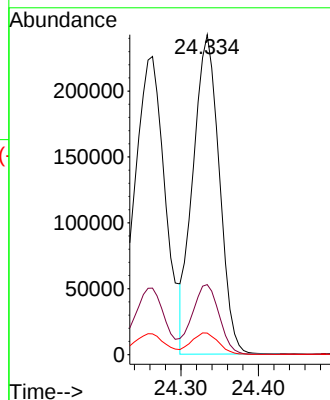
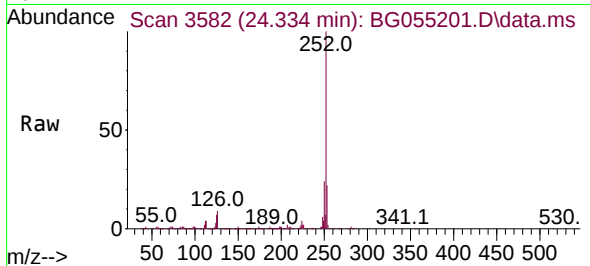
#89
Benzo(k)fluoranthene
Concen: 46.944 ng
RT: 24.334 min Scan# 3580
Delta R.T. 0.012 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

Instrument :
BNA_G
ClientSampleId :
WC-C2(0-6)MSD

Tgt Ion:252 Resp: 569379
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 6.7 5.8 8.6

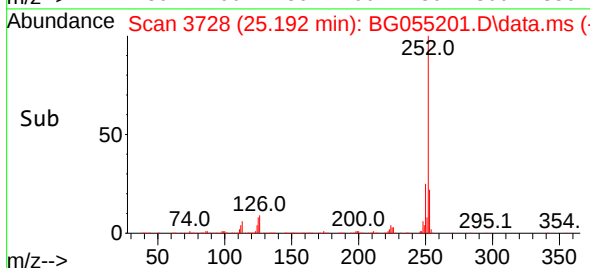
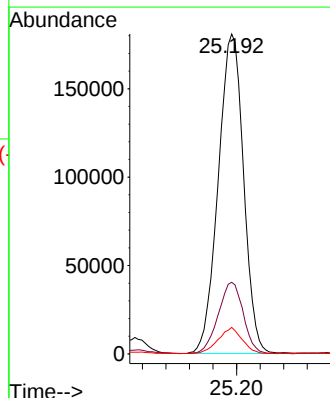
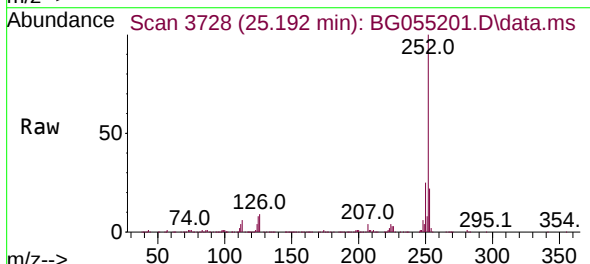
Manual Integrations
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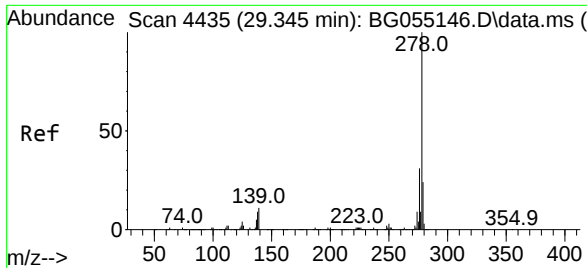
Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022



#90
Benzo(a)pyrene
Concen: 52.312 ng
RT: 25.192 min Scan# 3728
Delta R.T. 0.012 min
Lab File: BG055201.D
Acq: 17 Oct 2022 20:53

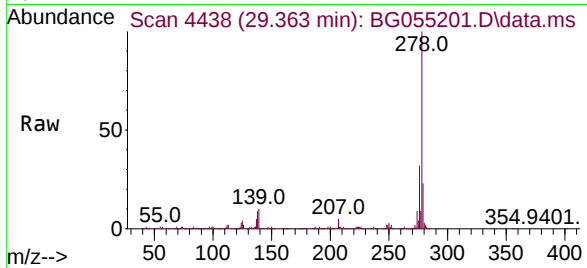
Tgt Ion:252 Resp: 540019
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.3 5.8 8.8





#91
 Dibenzo(a,h)anthracene
 Concen: 47.012 ng
 RT: 29.363 min Scan# 4435
 Delta R.T. 0.018 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53

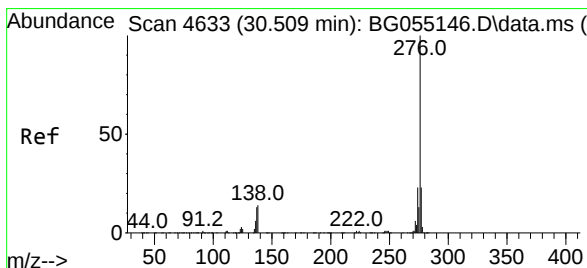
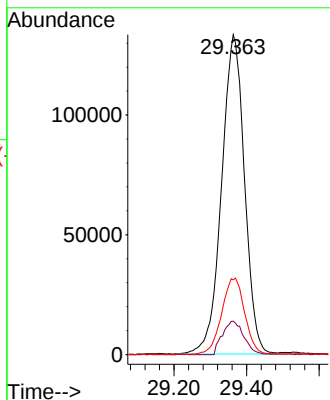
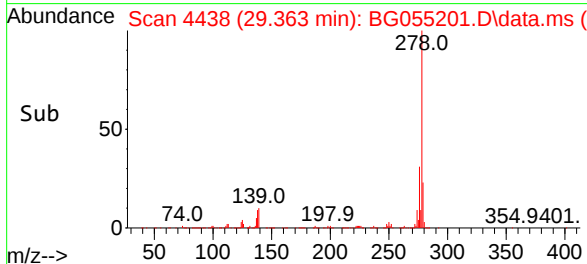
Instrument :
 BNA_G
 ClientSampleId :
 WC-C2(0-6)MSD



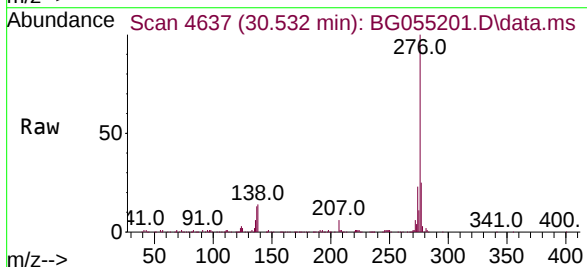
Tgt Ion:278 Resp: 583680
 Ion Ratio Lower Upper
 278 100
 139 10.5 8.4 12.6
 279 23.4 19.2 28.8

Manual Integrations
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Reviewed By :Christian Giraldo 10/18/2022
 Supervised By :Jagrut Upadhyay 10/18/2022



#92
 Benzo(g,h,i)perylene
 Concen: 48.943 ng
 RT: 30.532 min Scan# 4637
 Delta R.T. 0.024 min
 Lab File: BG055201.D
 Acq: 17 Oct 2022 20:53



Tgt Ion:276 Resp: 595236
 Ion Ratio Lower Upper
 276 100
 277 25.2 18.4 27.6
 138 14.2 11.2 16.8

