

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055671.D
 Acq On : 17 Nov 2022 18:38
 Operator : CG/JU
 Sample : N5513-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/18/2022
 Supervised By : Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 03:16:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	44679	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	185238	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	129377	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	289432	20.000	ng	0.00
76) Chrysene-d12	21.919	240	280112	20.000	ng	0.00
86) Perylene-d12	25.327	264	304248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	326500	132.088	ng	0.00
7) Phenol-d6	7.395	99	416814	126.675	ng	0.00
23) Nitrobenzene-d5	9.422	82	262423	74.878	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	221656	121.669	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	644646	74.647	ng	0.00
79) Terphenyl-d14	20.204	244	1071289	76.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.617	88	40865	38.685	ng	98
3) Pyridine	4.029	79	113974	35.170	ng	96
4) n-Nitrosodimethylamine	3.940	42	72604	42.317	ng	94
6) Aniline	7.566	93	89911	21.755	ng	97
8) 2-Chlorophenol	7.812	128	133859	47.371	ng	99
9) Benzaldehyde	7.378	77	81022	36.257	ng	95
10) Phenol	7.425	94	169152	45.912	ng	99
11) bis(2-Chloroethyl)ether	7.660	93	120335	42.620	ng	99
12) 1,3-Dichlorobenzene	8.141	146	143360	43.151	ng	98
13) 1,4-Dichlorobenzene	8.288	146	143297	42.684	ng	98
14) 1,2-Dichlorobenzene	8.611	146	140415	43.647	ng	97
15) Benzyl Alcohol	8.482	79	123429m	46.156	ng	
16) 2,2'-oxybis(1-Chloropr...	8.776	45	213342	41.740	ng	99
17) 2-Methylphenol	8.688	107	118641	45.358	ng	99
18) Hexachloroethane	9.346	117	51494	44.565	ng	97
19) n-Nitroso-di-n-propyla...	9.058	70	102247	40.443	ng	97
20) 3+4-Methylphenols	9.011	107	159677	43.700	ng	99
22) Acetophenone	9.076	105	200933	41.744	ng	# 98
24) Nitrobenzene	9.469	77	152069	41.541	ng	100
25) Isophorone	9.986	82	283858	42.747	ng	99
26) 2-Nitrophenol	10.180	139	76798	45.445	ng	95
27) 2,4-Dimethylphenol	10.227	122	131718m	51.213	ng	
28) bis(2-Chloroethoxy)met...	10.468	93	162332	45.536	ng	99
29) 2,4-Dichlorophenol	10.721	162	138771	45.079	ng	100
30) 1,2,4-Trichlorobenzene	10.938	180	149857	41.901	ng	98
31) Naphthalene	11.132	128	410923	41.036	ng	99
32) Benzoic acid	10.368	122	100295	47.397	ng	96
33) 4-Chloroaniline	11.232	127	80865	19.576	ng	98
34) Hexachlorobutadiene	11.408	225	99530	40.756	ng	97
35) Caprolactam	12.013	113	46682m	43.821	ng	
36) 4-Chloro-3-methylphenol	12.336	107	150213	44.396	ng	100
37) 2-Methylnaphthalene	12.718	142	306411	40.867	ng	100
38) 1-Methylnaphthalene	12.936	142	286646	39.382	ng	99
40) 1,2,4,5-Tetrachloroben...	13.083	216	179103	44.052	ng	99
41) Hexachlorocyclopentadiene	13.059	237	166288	81.150	ng	98
43) 2,4,6-Trichlorophenol	13.312	196	124070	44.736	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055671.D
 Acq On : 17 Nov 2022 18:38
 Operator : CG/JU
 Sample : N5513-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/18/2022
 Supervised By : Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 03:16:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

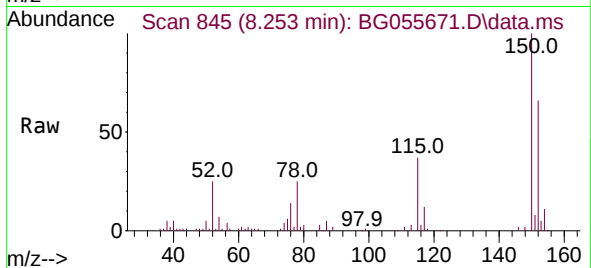
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	133777	43.893	ng	96
46) 1,1'-Biphenyl	13.711	154	410923	43.586	ng	98
47) 2-Chloronaphthalene	13.758	162	313925	42.839	ng	98
48) 2-Nitroaniline	13.952	65	104154	43.231	ng	98
49) Acenaphthylene	14.598	152	509889	42.254	ng	100
50) Dimethylphthalate	14.316	163	411289	39.879	ng	99
51) 2,6-Dinitrotoluene	14.440	165	89889	42.626	ng	98
52) Acenaphthene	14.939	154	382985m	48.561	ng	
53) 3-Nitroaniline	14.769	138	60967	26.336	ng	97
54) 2,4-Dinitrophenol	14.975	184	117353	96.789	ng	99
55) Dibenzofuran	15.268	168	511831	42.069	ng	99
56) 4-Nitrophenol	15.069	139	158809	87.408	ng	97
57) 2,4-Dinitrotoluene	15.221	165	129536	43.568	ng	97
58) Fluorene	15.920	166	403256	41.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.492	232	124072	42.013	ng	98
60) Diethylphthalate	15.674	149	413386	39.645	ng	99
61) 4-Chlorophenyl-phenylether	15.903	204	223238	41.792	ng	99
62) 4-Nitroaniline	15.932	138	94591	39.089	ng	98
63) Azobenzene	16.197	77	364186	40.006	ng	99
65) 4,6-Dinitro-2-methylph...	15.985	198	77997	48.261	ng	98
66) n-Nitrosodiphenylamine	16.114	169	353565	44.326	ng	98
67) 4-Bromophenyl-phenylether	16.796	248	144814	43.913	ng	99
68) Hexachlorobenzene	16.919	284	160644	43.932	ng	99
69) Atrazine	17.054	200	144673	45.860	ng	99
70) Pentachlorophenol	17.260	266	204786	91.549	ng	99
71) Phenanthrene	17.660	178	768998	49.235	ng	100
72) Anthracene	17.748	178	671542	44.251	ng	99
73) Carbazole	18.012	167	596347	43.711	ng	100
74) Di-n-butylphthalate	18.553	149	690407	40.755	ng	99
75) Fluoranthene	19.657	202	909491	47.864	ng	99
77) Benzidine	19.822	184	170929	26.377	ng	99
78) Pyrene	20.016	202	904625	47.712	ng	99
80) Butylbenzylphthalate	20.885	149	315067	42.447	ng	99
81) Benzo(a)anthracene	21.896	228	864648	44.817	ng	100
82) 3,3'-Dichlorobenzidine	21.796	252	181119	26.717	ng	100
83) Chrysene	21.966	228	804455	43.799	ng	99
84) Bis(2-ethylhexyl)phtha...	21.772	149	459832	43.107	ng	100
85) Di-n-octyl phthalate	23.047	149	777656	42.599	ng	100
87) Indeno(1,2,3-cd)pyrene	29.264	276	1005960	40.360	ng	99
88) Benzo(b)fluoranthene	24.240	252	917833	46.322	ng	99
89) Benzo(k)fluoranthene	24.311	252	850739	43.073	ng	99
90) Benzo(a)pyrene	25.168	252	798987	46.990	ng	99
91) Dibenzo(a,h)anthracene	29.328	278	819649	40.242	ng	99
92) Benzo(g,h,i)perylene	30.503	276	850437	41.427	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.253 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38

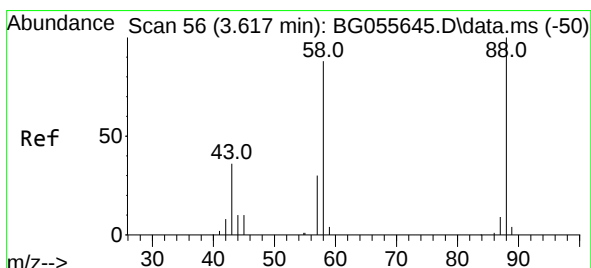
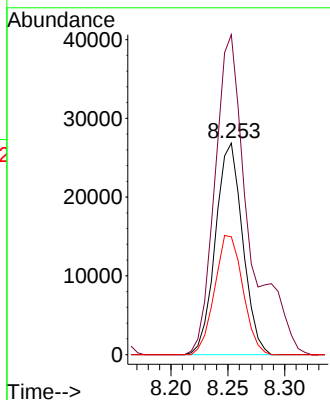
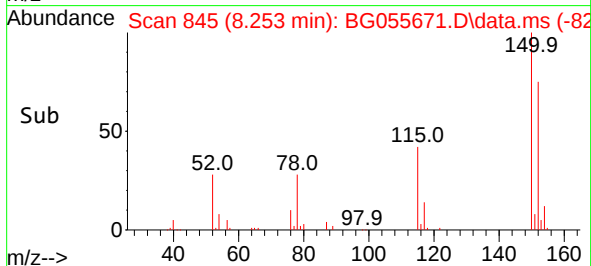
Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD



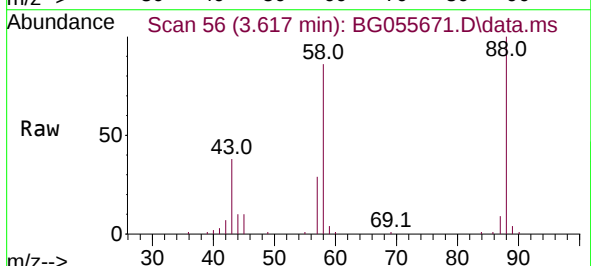
Tgt Ion:152 Resp: 44679
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.0 184.6
 115 55.7 47.0 70.4

Manual Integrations
 APPROVED

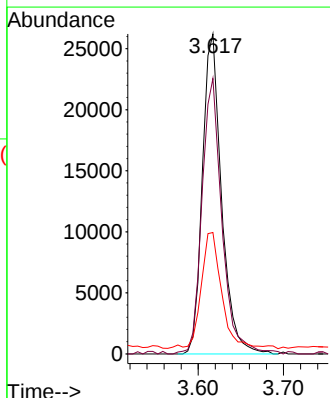
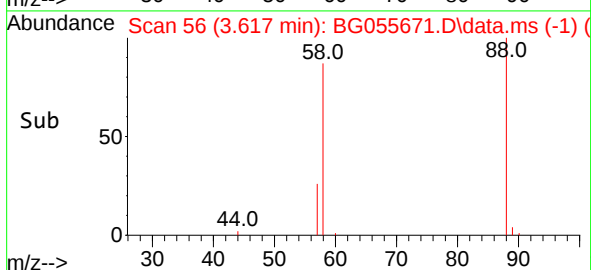
Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

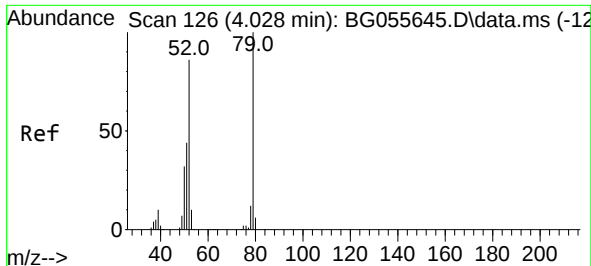


#2
 1,4-Dioxane
 Concen: 38.685 ng
 RT: 3.617 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38



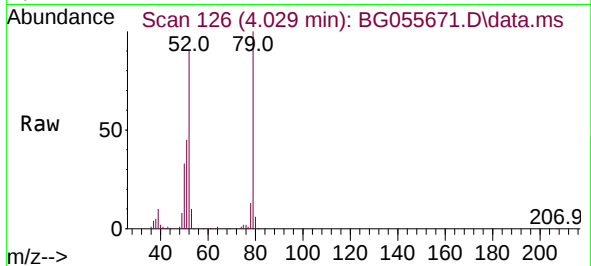
Tgt Ion: 88 Resp: 40865
 Ion Ratio Lower Upper
 88 100
 58 89.9 71.3 106.9
 43 39.4 28.6 43.0





#3
Pyridine
Concen: 35.170 ng
RT: 4.029 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

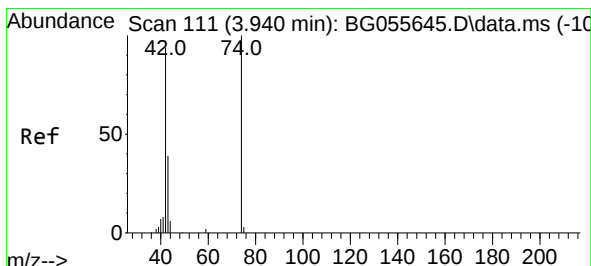
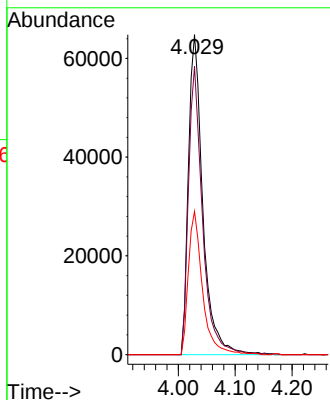
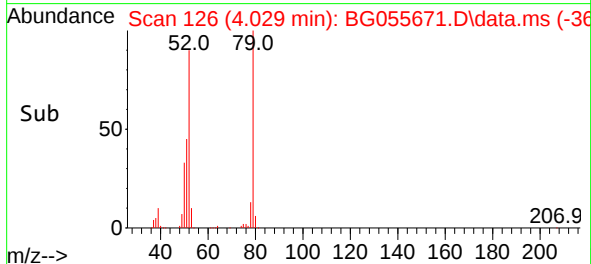
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



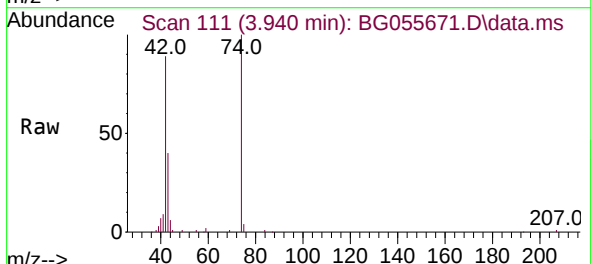
Tgt Ion: 79 Resp: 113974
Ion Ratio Lower Upper
79 100
52 90.0 68.9 103.3
51 44.8 34.8 52.2

Manual Integrations
APPROVED

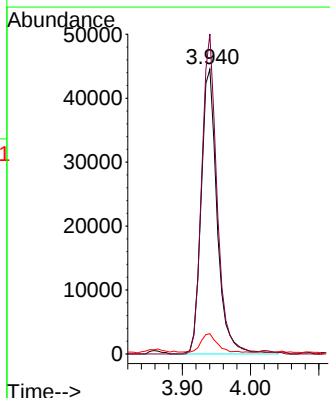
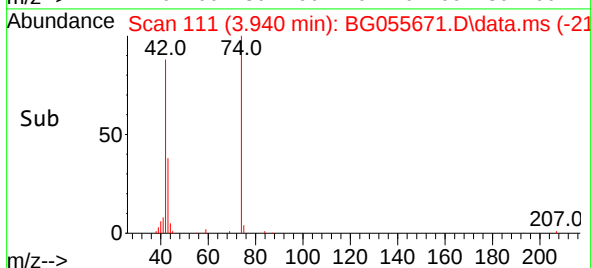
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

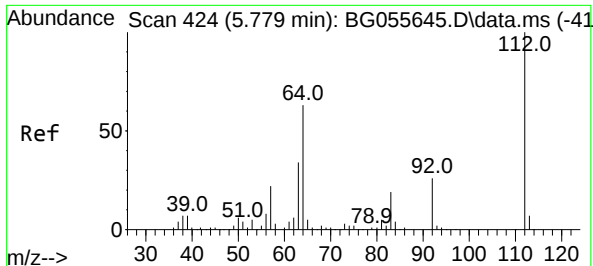


#4
n-Nitrosodimethylamine
Concen: 42.317 ng
RT: 3.940 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



Tgt Ion: 42 Resp: 72604
Ion Ratio Lower Upper
42 100
74 112.4 84.7 127.1
44 7.1 5.4 8.0





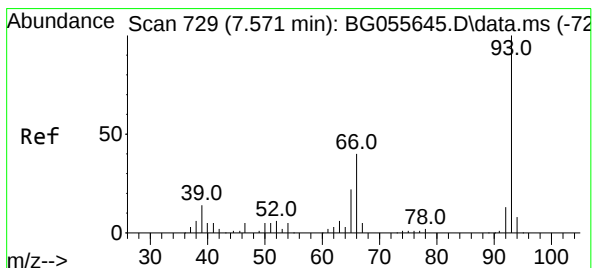
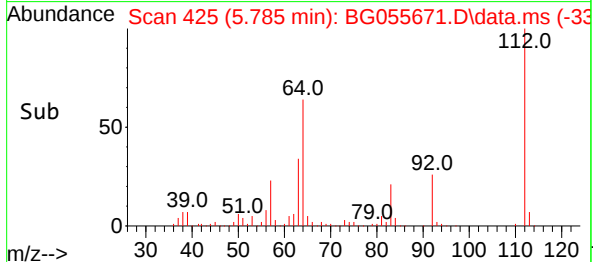
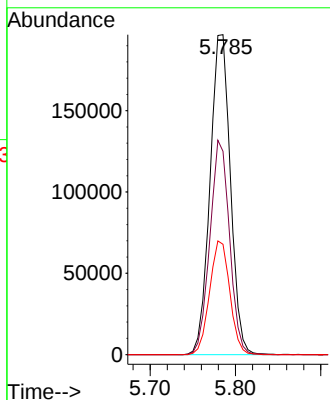
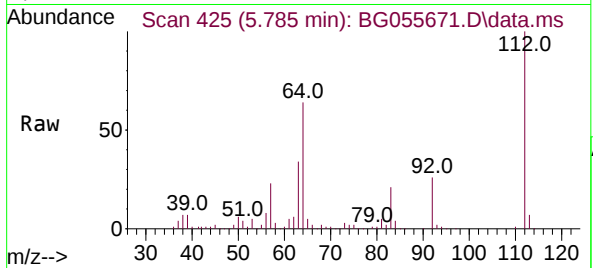
#5
2-Fluorophenol
Concen: 132.088 ng
RT: 5.785 min Scan# 424
Delta R.T. 0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:112 Resp: 326500
Ion Ratio Lower Upper
112 100
64 63.5 50.6 76.0
63 34.5 27.5 41.3

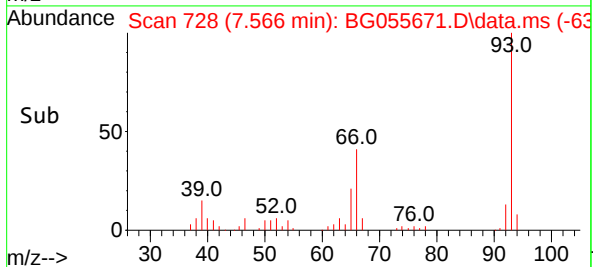
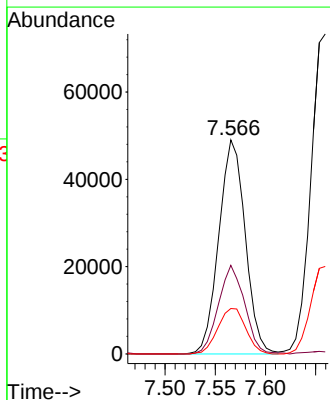
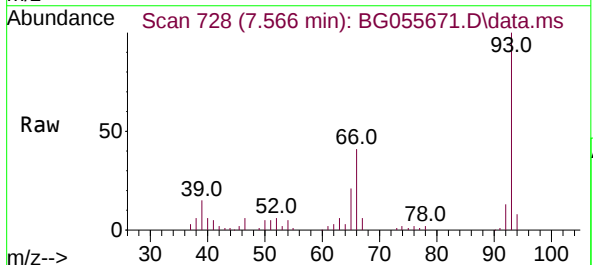
Manual Integrations
APPROVED

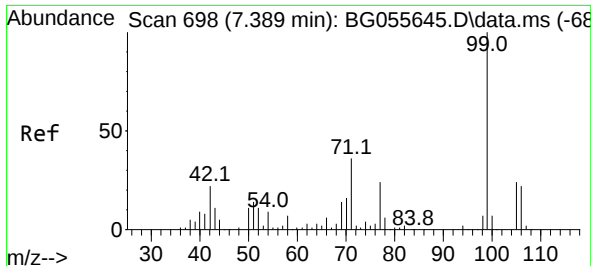
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#6
Aniline
Concen: 21.755 ng
RT: 7.566 min Scan# 728
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion: 93 Resp: 89911
Ion Ratio Lower Upper
93 100
66 41.4 31.7 47.5
65 21.2 17.9 26.9





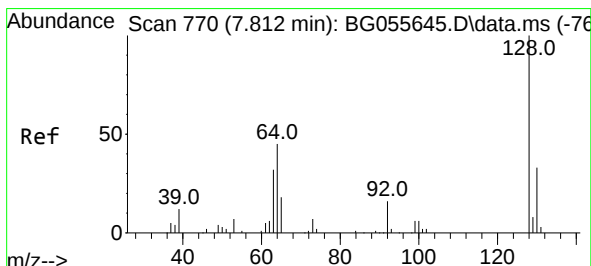
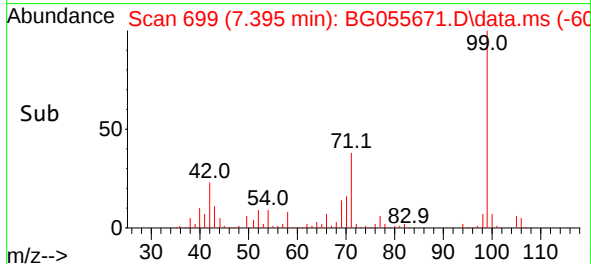
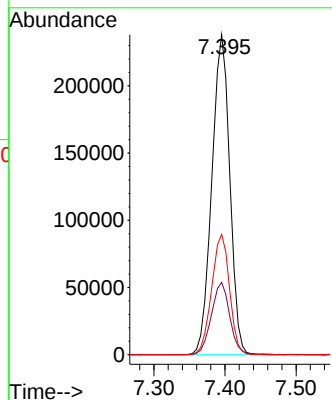
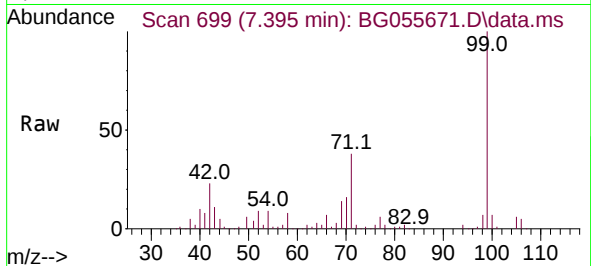
#7
Phenol-d6
Concen: 126.675 ng
RT: 7.395 min Scan# 698
Delta R.T. 0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion: 99 Resp: 416814
Ion Ratio Lower Upper
99 100
42 22.6 18.0 27.0
71 37.6 29.0 43.6

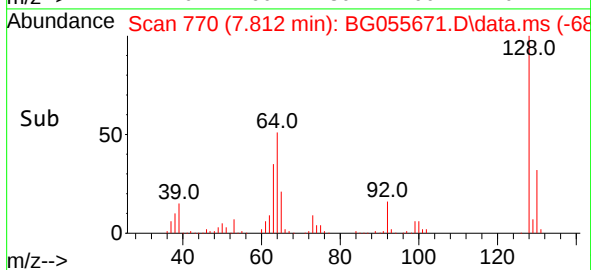
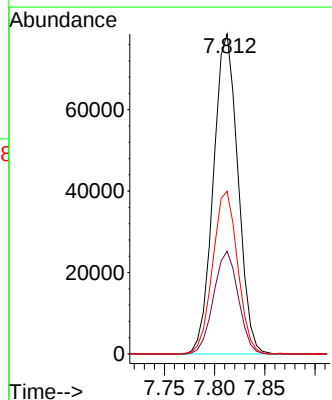
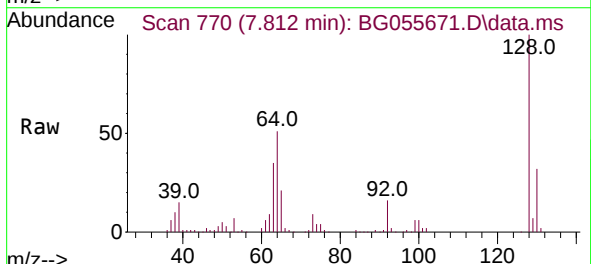
Manual Integrations
APPROVED

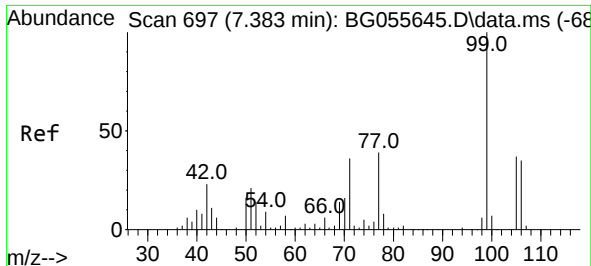
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#8
2-Chlorophenol
Concen: 47.371 ng
RT: 7.812 min Scan# 770
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:128 Resp: 133859
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 50.8 30.2 70.2





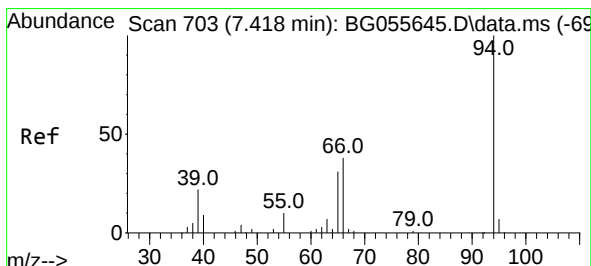
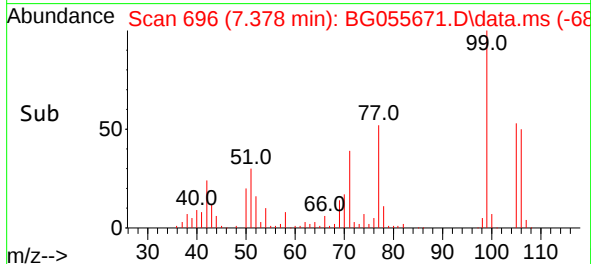
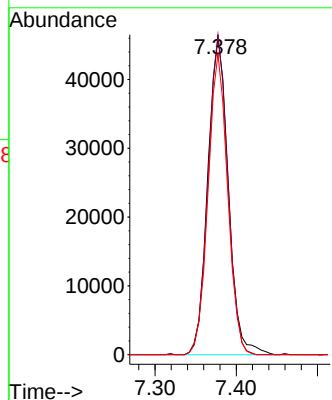
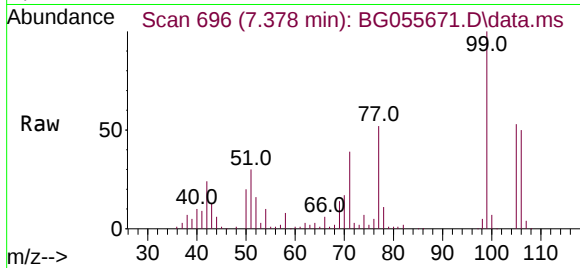
#9
Benzaldehyde
Concen: 36.257 ng
RT: 7.378 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion: 77 Resp: 81022
Ion Ratio Lower Upper
77 100
105 101.1 76.3 116.3
106 94.9 69.8 109.8

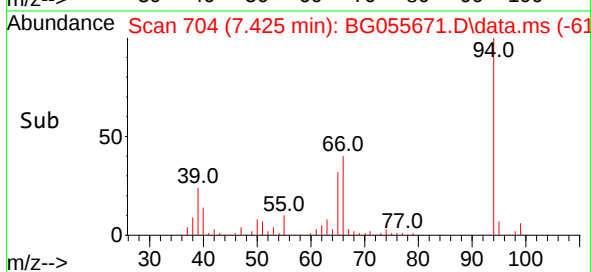
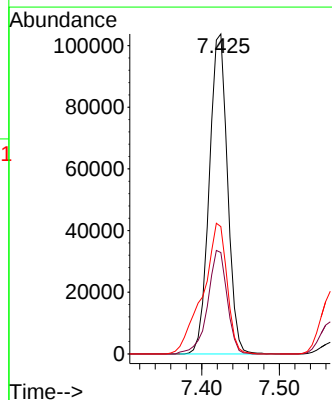
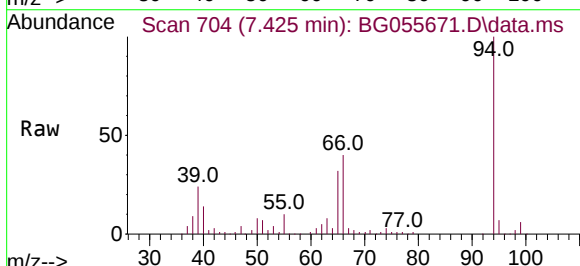
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#10
Phenol
Concen: 45.912 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion: 94 Resp: 169152
Ion Ratio Lower Upper
94 100
65 31.7 11.8 51.8
66 39.8 20.5 60.5





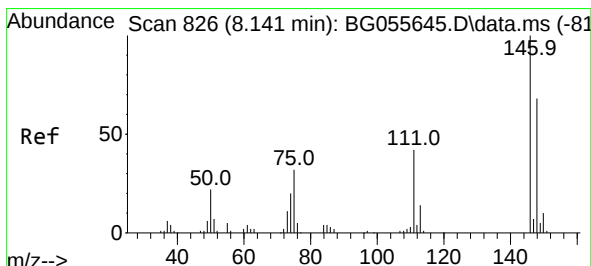
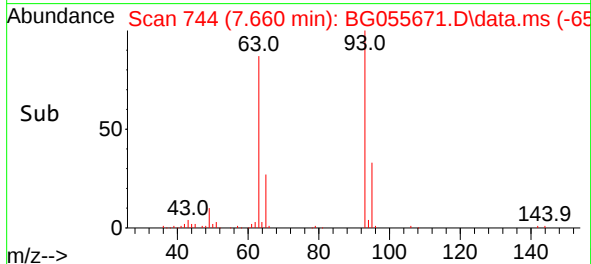
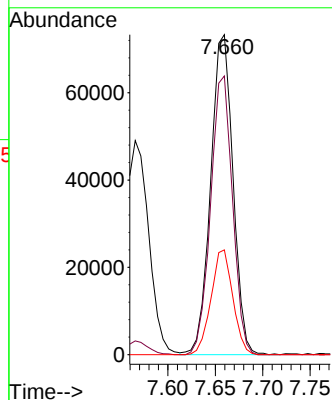
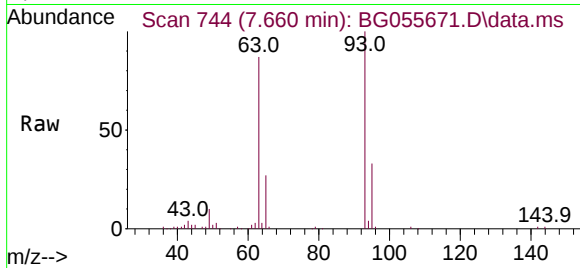
#11
bis(2-Chloroethyl)ether
Concen: 42.620 ng
RT: 7.660 min Scan# 744
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion: 93 Resp: 120335
Ion Ratio Lower Upper
93 100
63 87.1 67.6 107.6
95 32.7 11.8 51.8

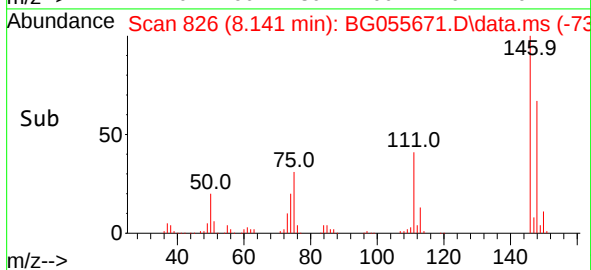
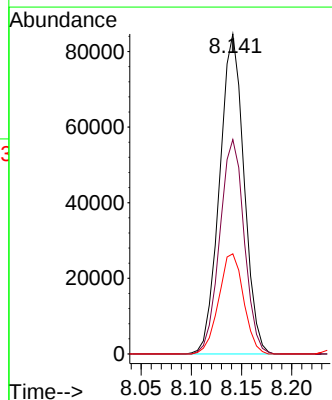
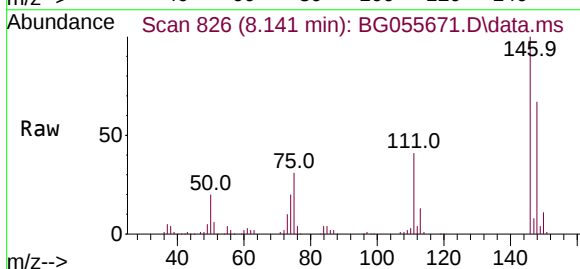
Manual Integrations
APPROVED

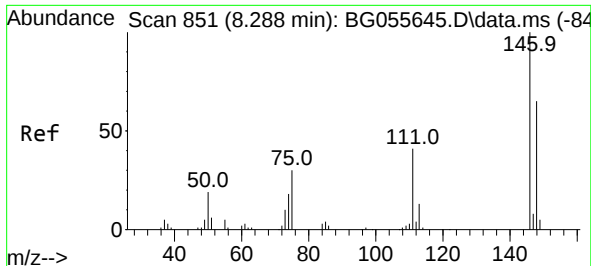
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#12
1,3-Dichlorobenzene
Concen: 43.151 ng
RT: 8.141 min Scan# 826
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

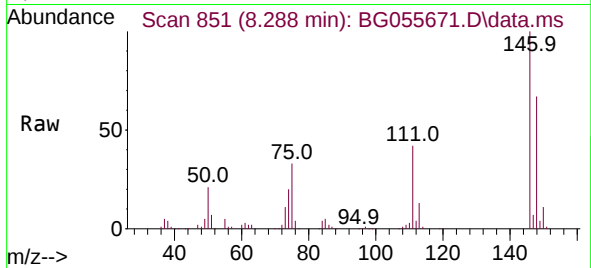
Tgt Ion:146 Resp: 143360
Ion Ratio Lower Upper
146 100
148 67.0 54.6 81.8
75 31.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 42.684 ng
RT: 8.288 min Scan# 851
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

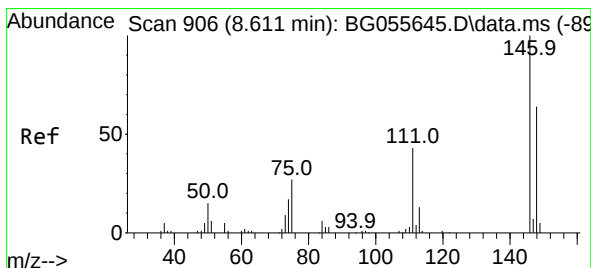
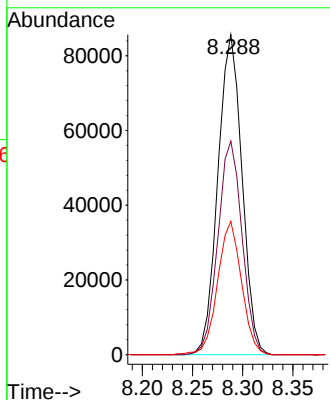
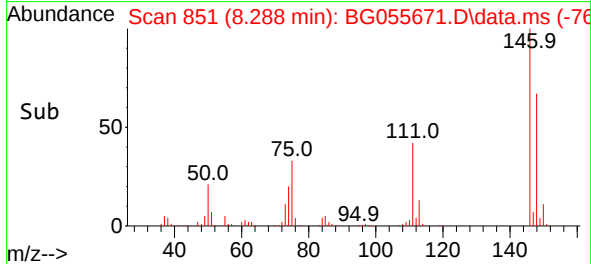
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



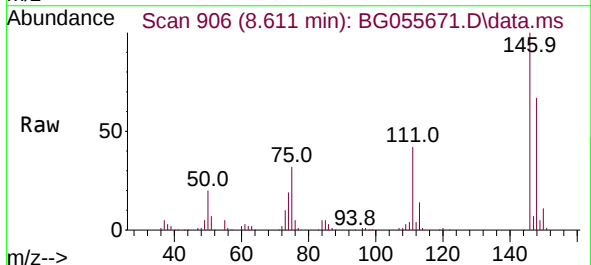
Tgt Ion:146 Resp: 143297
Ion Ratio Lower Upper
146 100
148 66.7 52.1 78.1
111 41.6 33.0 49.4

Manual Integrations
APPROVED

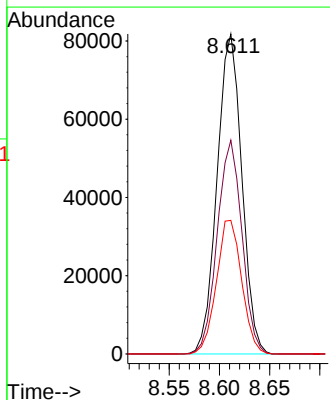
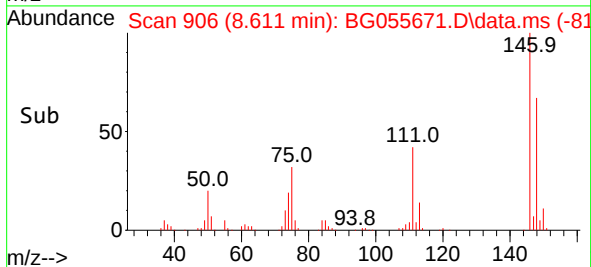
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#14
1,2-Dichlorobenzene
Concen: 43.647 ng
RT: 8.611 min Scan# 906
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



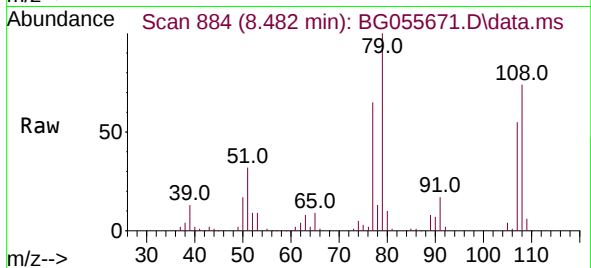
Tgt Ion:146 Resp: 140415
Ion Ratio Lower Upper
146 100
148 66.8 50.9 76.3
111 41.7 34.5 51.7





#15
Benzyl Alcohol
Concen: 46.156 ng m
RT: 8.482 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

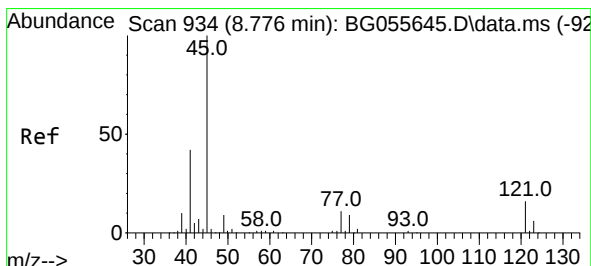
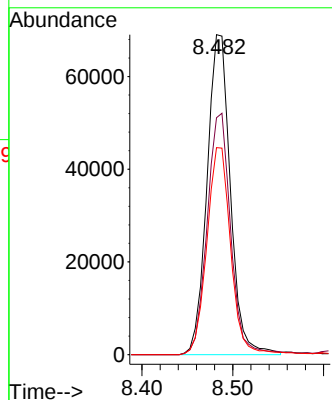
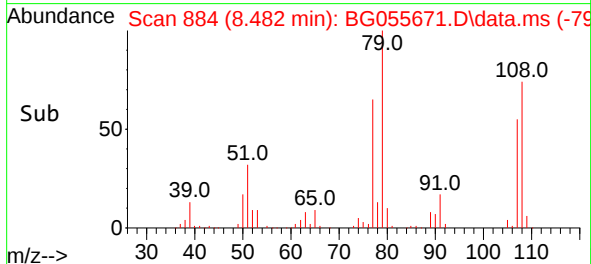
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion: 79 Resp: 123429
Ion Ratio Lower Upper
79 100
108 74.0 62.6 93.8
77 64.7 52.4 78.6

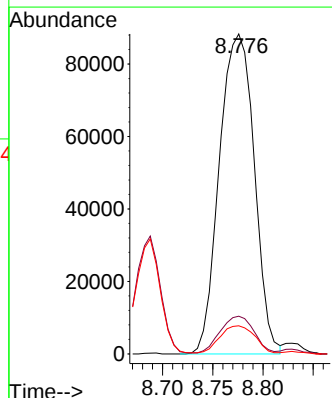
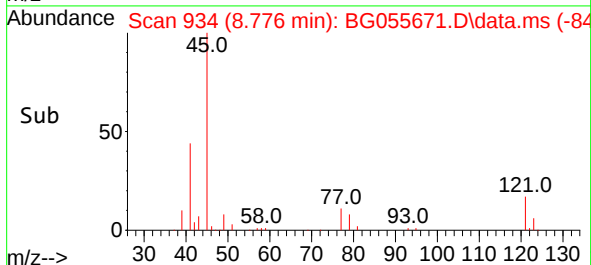
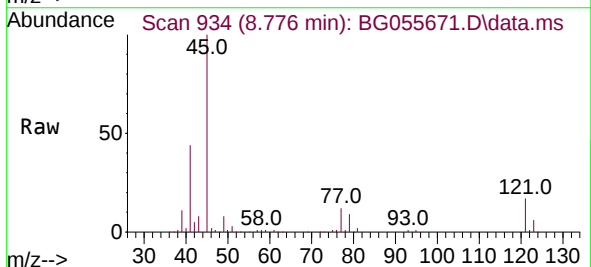
Manual Integrations
APPROVED

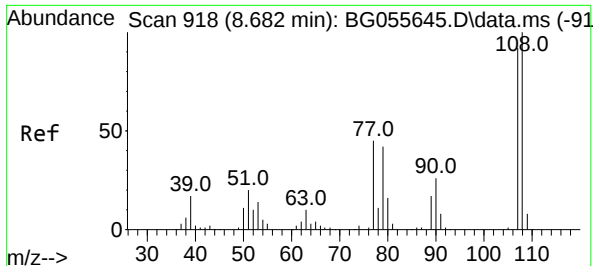
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.740 ng
RT: 8.776 min Scan# 934
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion: 45 Resp: 213342
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.7
79 8.8 0.0 29.5





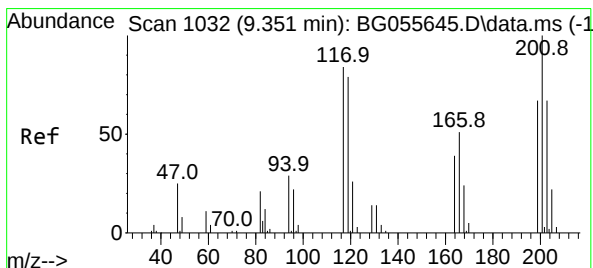
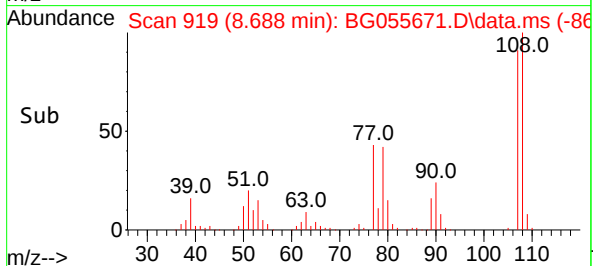
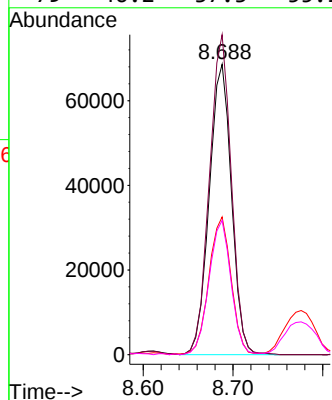
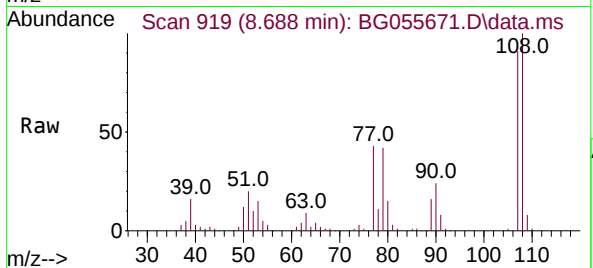
#17
2-Methylphenol
Concen: 45.358 ng
RT: 8.688 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:107 Resp: 11864
Ion Ratio Lower Upper
107 100
108 110.2 87.3 130.9
77 47.4 39.4 59.0
79 46.2 37.3 55.9

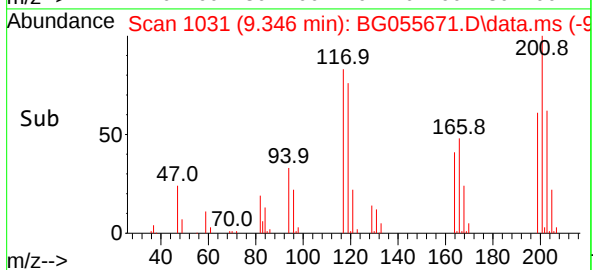
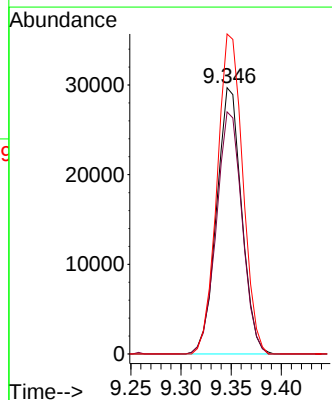
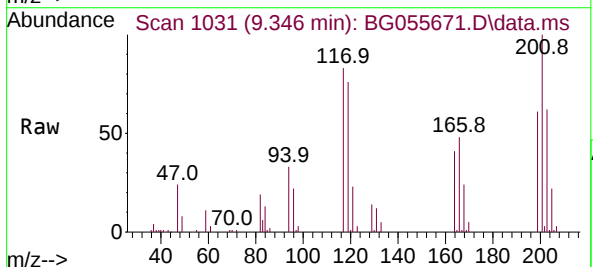
Manual Integrations
APPROVED

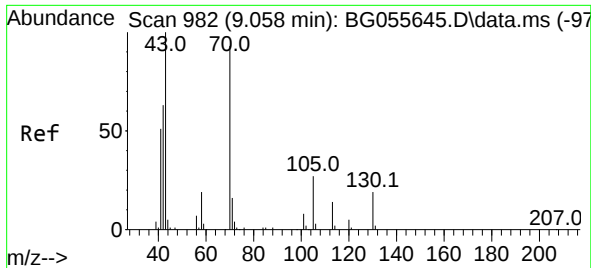
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#18
Hexachloroethane
Concen: 44.565 ng
RT: 9.346 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

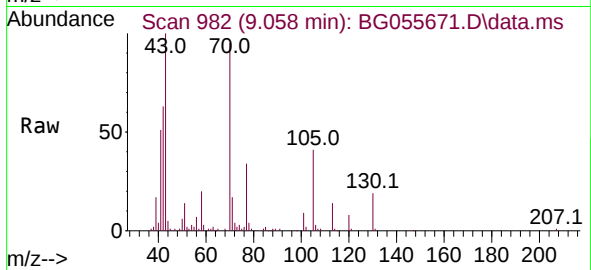
Tgt Ion:117 Resp: 51494
Ion Ratio Lower Upper
117 100
119 90.9 76.0 114.0
201 120.3 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.443 ng
RT: 9.058 min Scan# 982
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

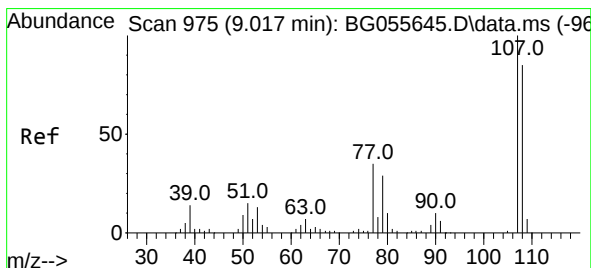
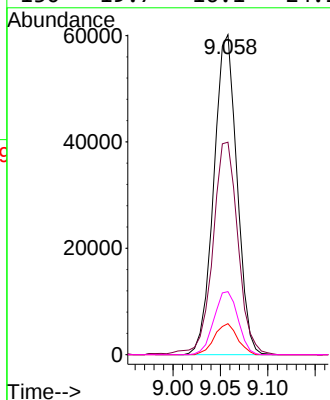
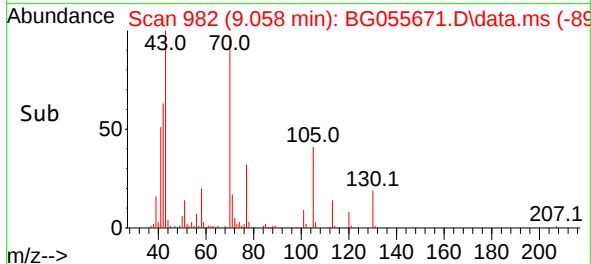
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



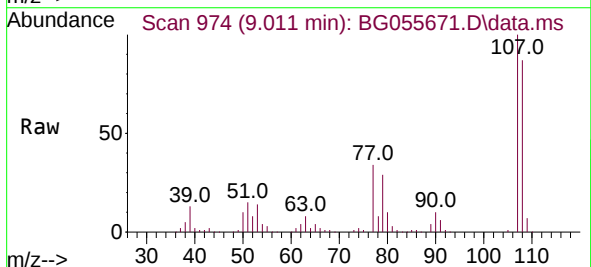
Tgt Ion: 70 Resp: 10224
Ion Ratio Lower Upper
70 100
42 66.4 55.2 82.8
101 9.7 7.1 10.7
130 19.7 16.1 24.1

Manual Integrations
APPROVED

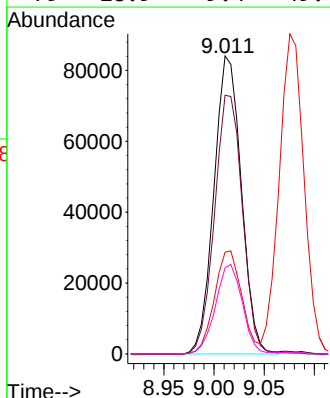
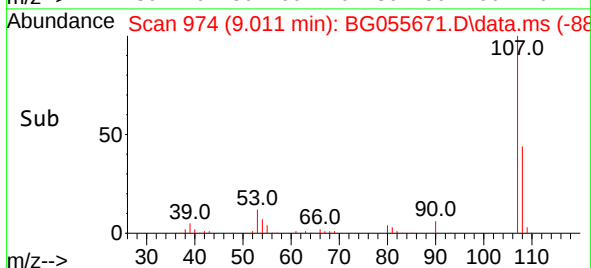
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

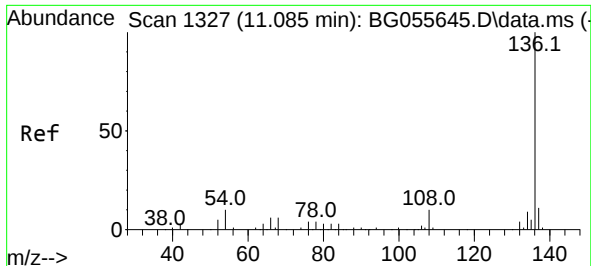


#20
3+4-Methylphenols
Concen: 43.700 ng
RT: 9.011 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



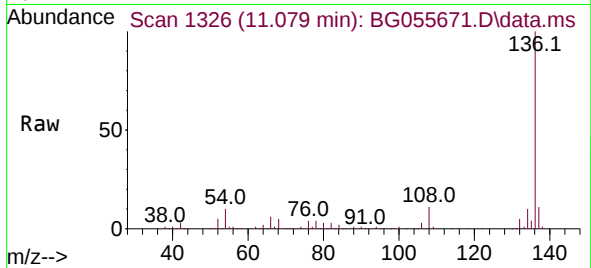
Tgt Ion:107 Resp: 159677
Ion Ratio Lower Upper
107 100
108 86.8 65.5 105.5
77 34.1 14.6 54.6
79 28.9 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

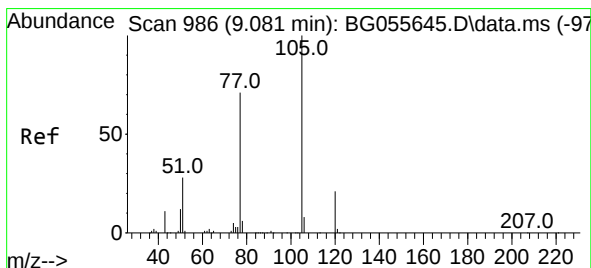
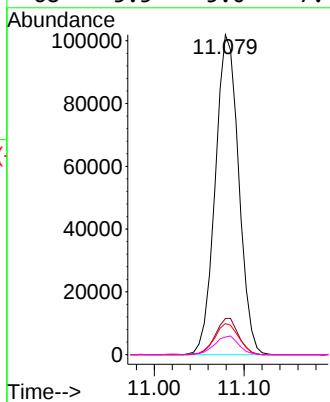
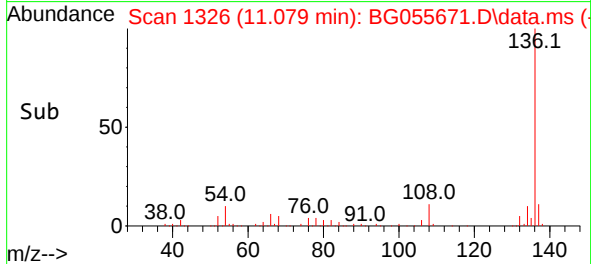
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion:136 Resp: 185238
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 7.8 11.6
68 5.5 5.0 7.4

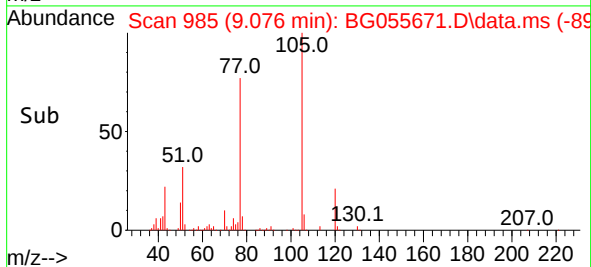
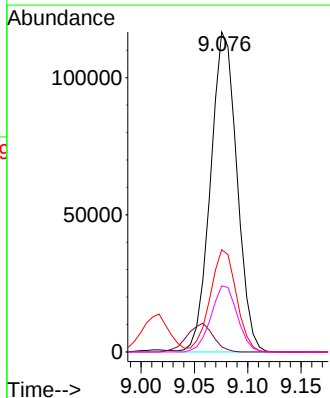
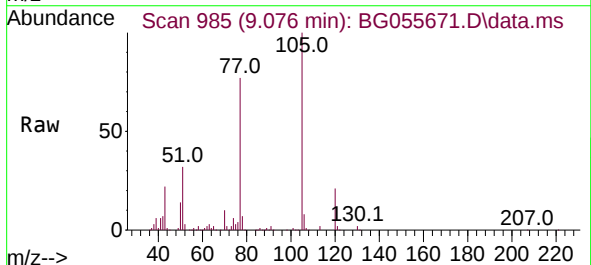
Manual Integrations
APPROVED

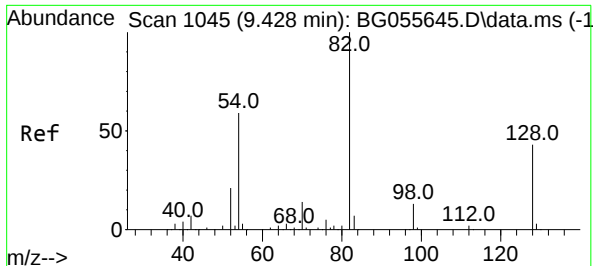
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#22
Acetophenone
Concen: 41.744 ng
RT: 9.076 min Scan# 985
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:105 Resp: 200933
Ion Ratio Lower Upper
105 100
71 1.6 0.6 1.0#
51 31.9 24.5 36.7
120 20.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 74.878 ng

RT: 9.422 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Instrument :

BNA_G

ClientSampleId :

WC-D2(7-9)MSD

Tgt Ion: 82 Resp: 262423

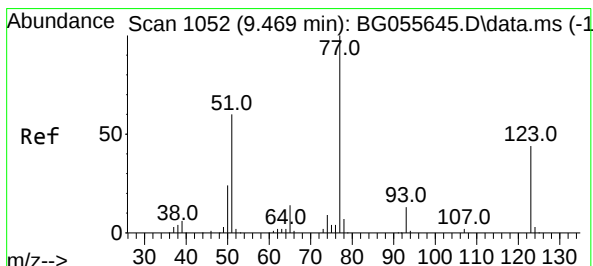
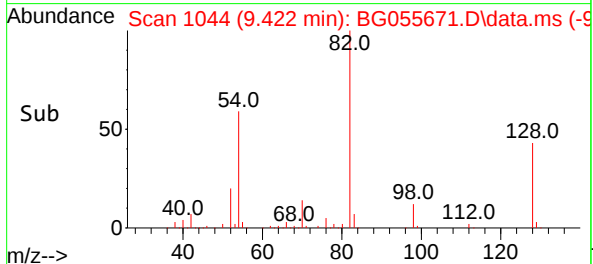
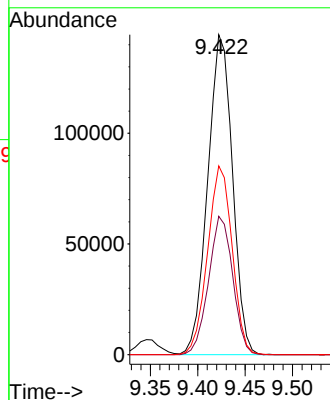
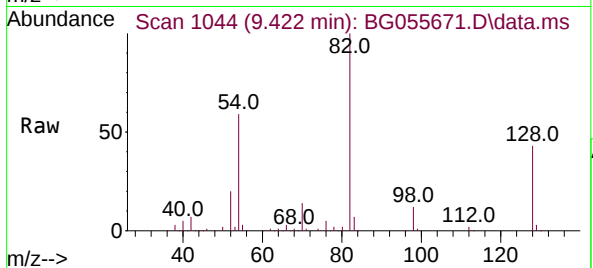
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.1	51.1
54	59.0	47.3	70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#24

Nitrobenzene

Concen: 41.541 ng

RT: 9.469 min Scan# 1052

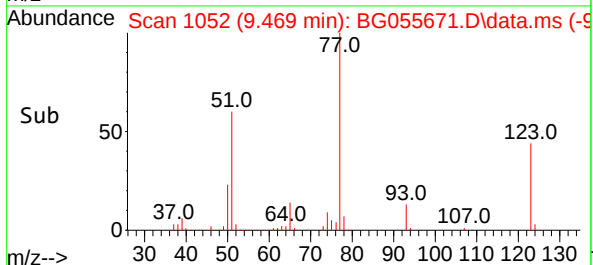
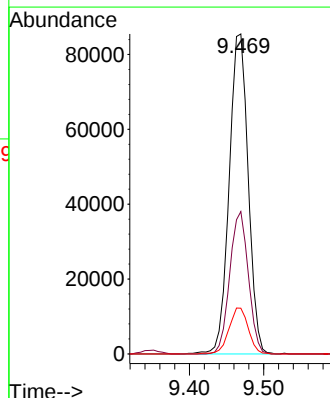
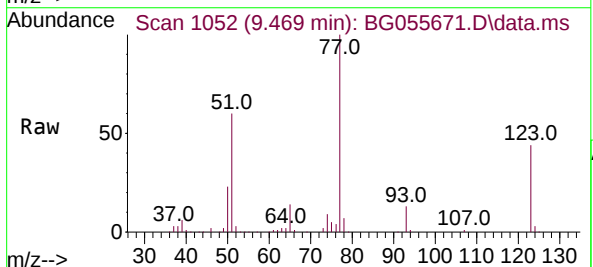
Delta R.T. 0.000 min

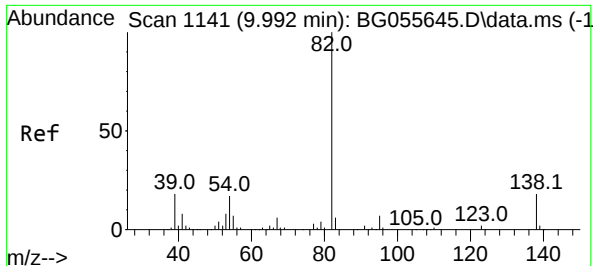
Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Tgt Ion: 77 Resp: 152069

Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.5	53.3
65	14.3	11.5	17.3





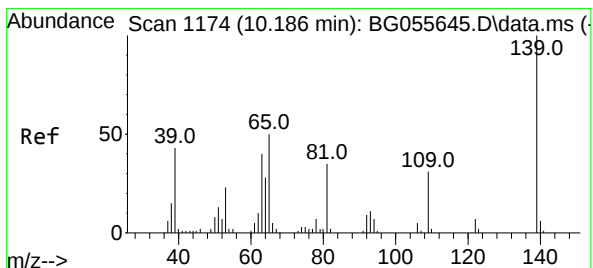
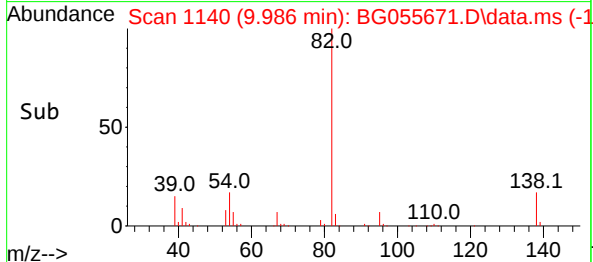
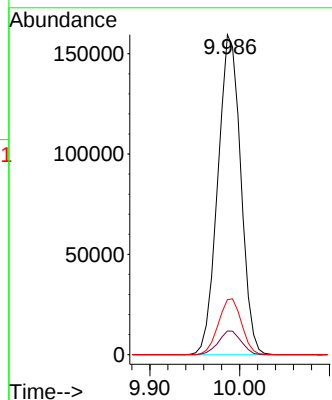
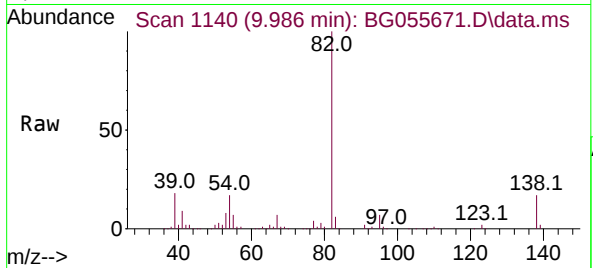
#25
Isophorone
Concen: 42.747 ng
RT: 9.986 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion: 82 Resp: 283858
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.2 14.2 21.4

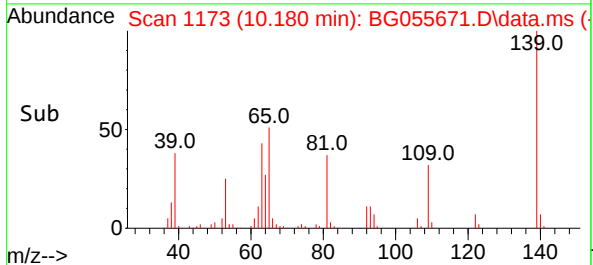
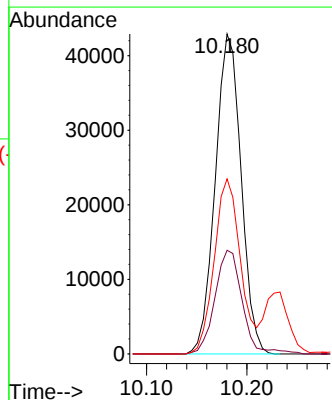
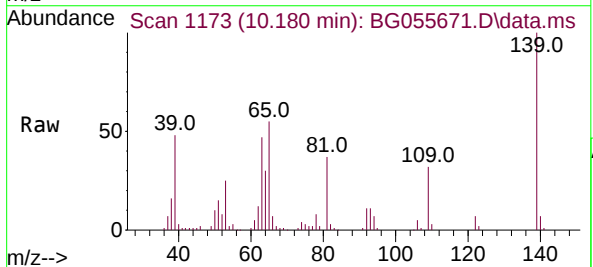
Manual Integrations
APPROVED

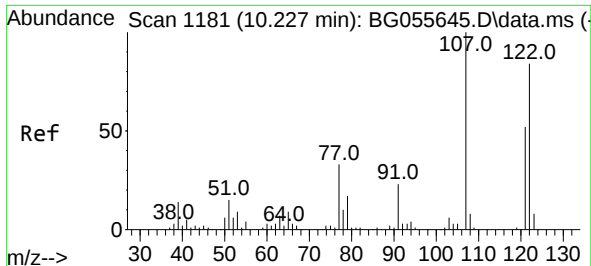
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#26
2-Nitrophenol
Concen: 45.445 ng
RT: 10.180 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:139 Resp: 76798
Ion Ratio Lower Upper
139 100
109 32.4 24.4 36.6
65 54.7 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 51.213 ng m

RT: 10.227 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Instrument :

BNA_G

ClientSampleId :

WC-D2(7-9)MSD

Tgt Ion:122 Resp: 131718

Ion Ratio Lower Upper

122 100

107 120.3 95.8 143.6

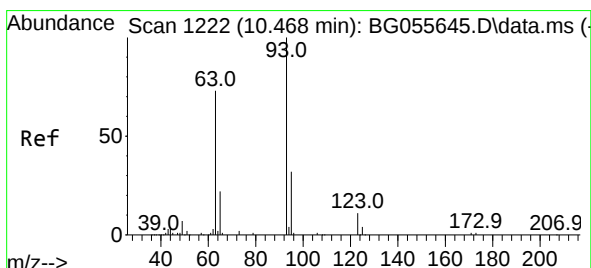
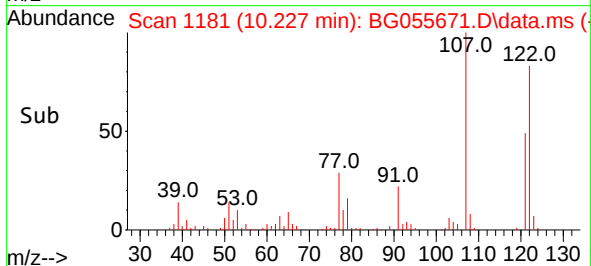
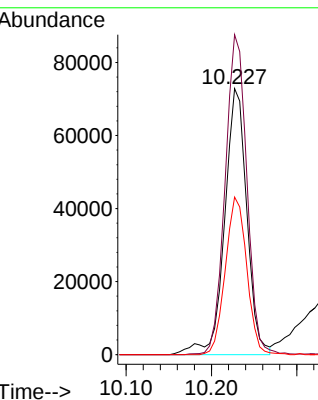
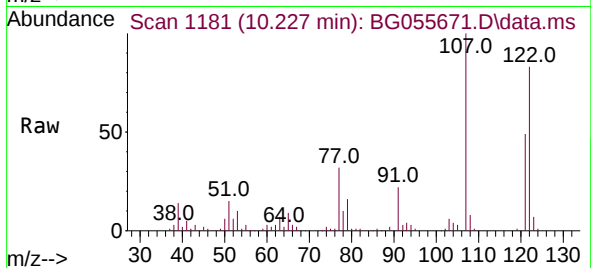
121 59.2 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.536 ng

RT: 10.468 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

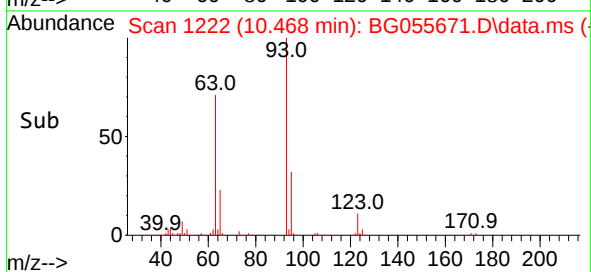
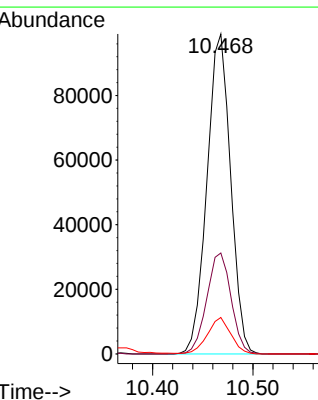
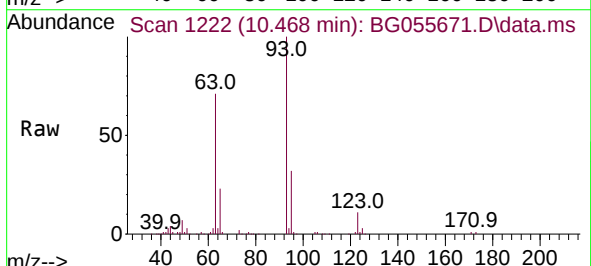
Tgt Ion: 93 Resp: 162332

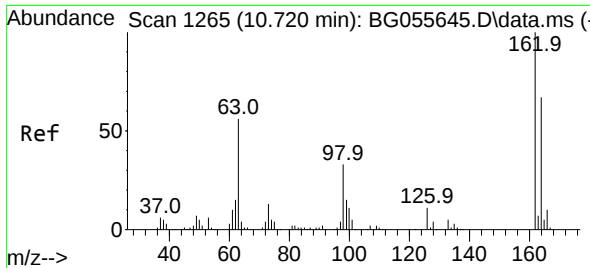
Ion Ratio Lower Upper

93 100

95 31.5 25.7 38.5

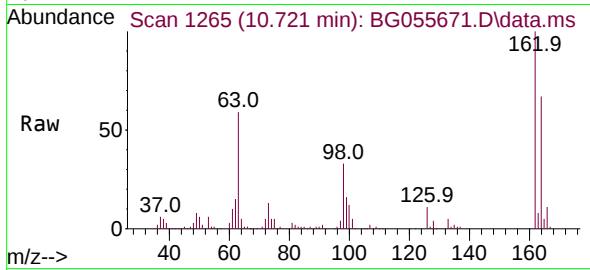
123 11.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.079 ng
RT: 10.721 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

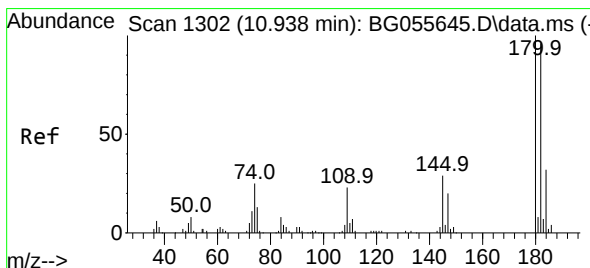
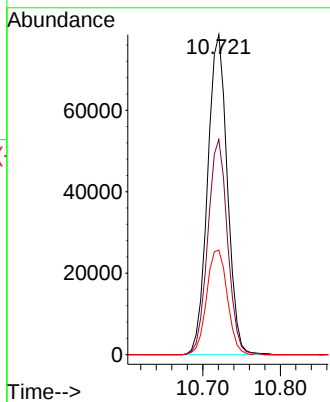
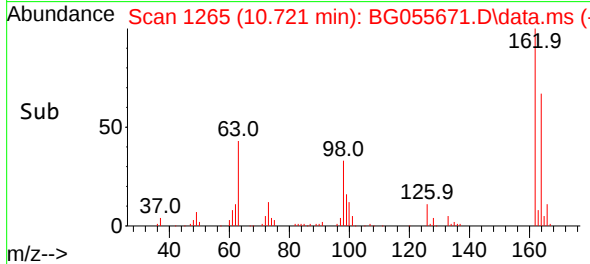
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



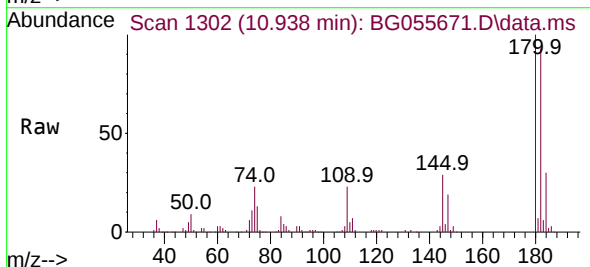
Tgt Ion:162 Resp: 13877
Ion Ratio Lower Upper
162 100
164 67.2 46.7 86.7
98 32.7 12.8 52.8

Manual Integrations
APPROVED

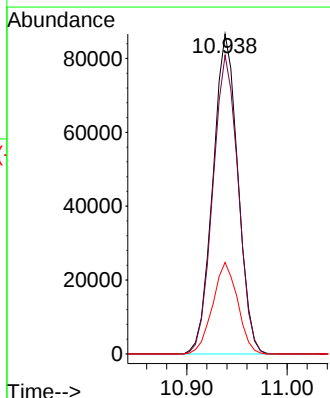
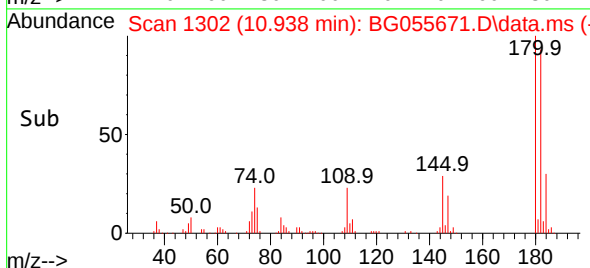
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

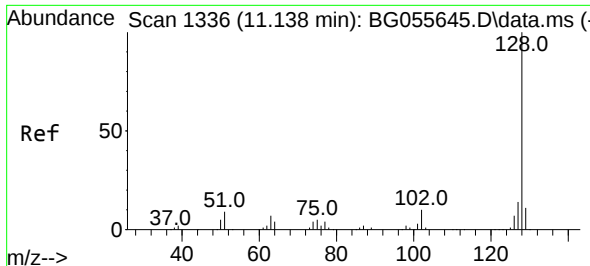


#30
1,2,4-Trichlorobenzene
Concen: 41.901 ng
RT: 10.938 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



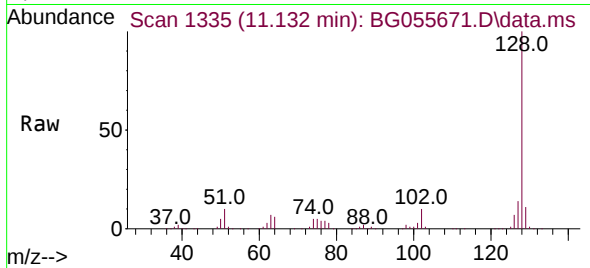
Tgt Ion:180 Resp: 149857
Ion Ratio Lower Upper
180 100
182 93.3 77.1 115.7
145 28.6 22.9 34.3





#31
Naphthalene
Concen: 41.036 ng
RT: 11.132 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

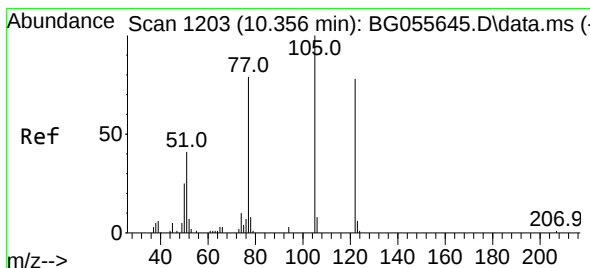
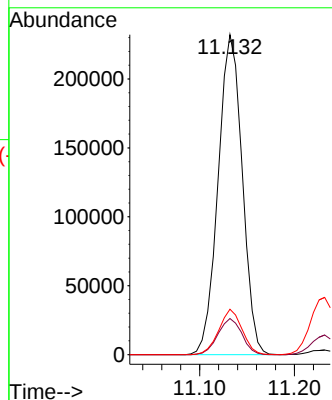
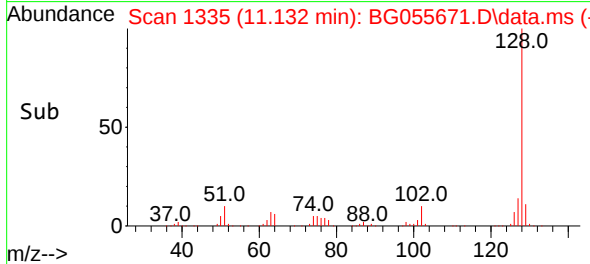
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion:128 Resp: 410923
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.2 10.9 16.3

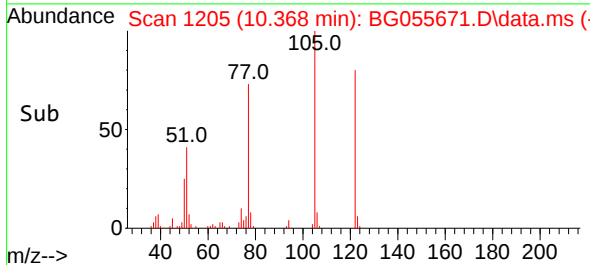
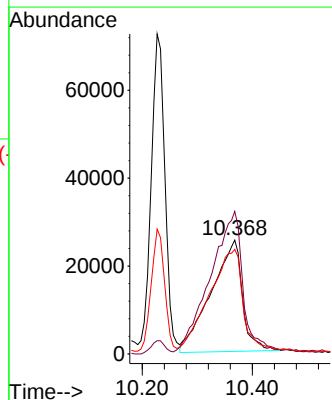
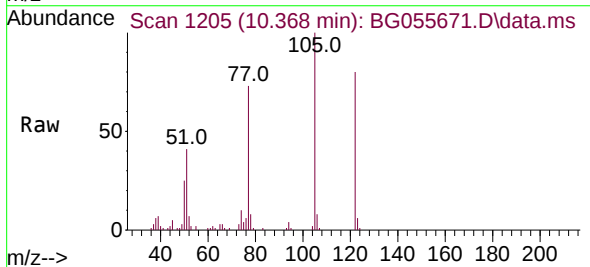
Manual Integrations
APPROVED

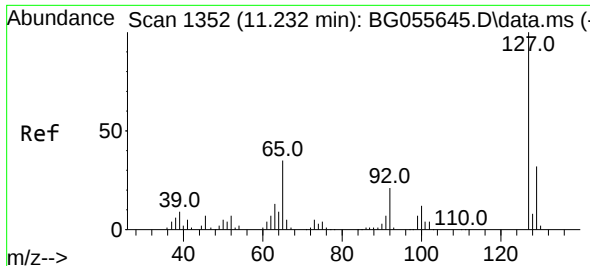
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#32
Benzoic acid
Concen: 47.397 ng
RT: 10.368 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:122 Resp: 100295
Ion Ratio Lower Upper
122 100
105 125.2 104.3 144.3
77 91.8 79.9 119.9





#33

4-Chloroaniline

Concen: 19.576 ng

RT: 11.232 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Instrument :

BNA_G

ClientSampleId :

WC-D2(7-9)MSD

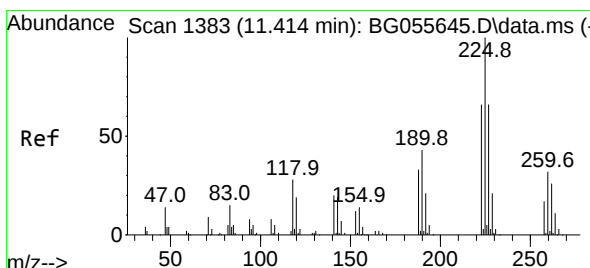
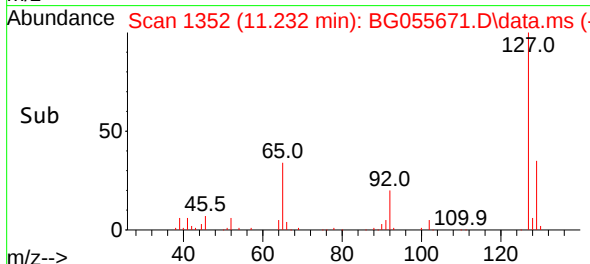
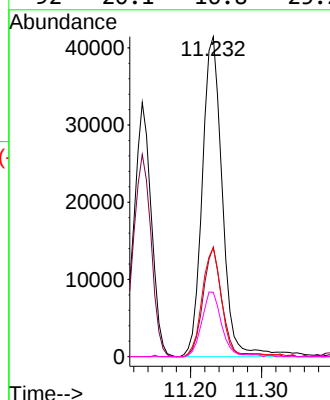
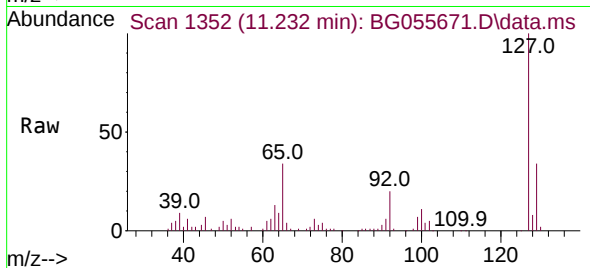
Tgt Ion:127	Resp:	8086	
Ion Ratio	Lower	Upper	
127	100		
129	34.2	25.9	38.9
65	34.0	27.9	41.9
92	20.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#34

Hexachlorobutadiene

Concen: 40.756 ng

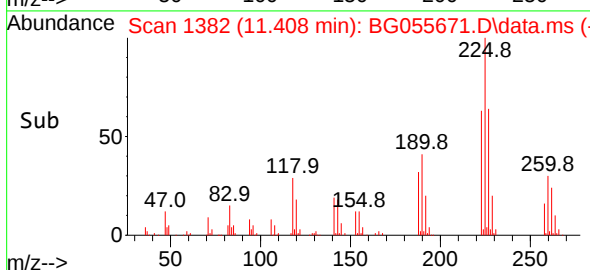
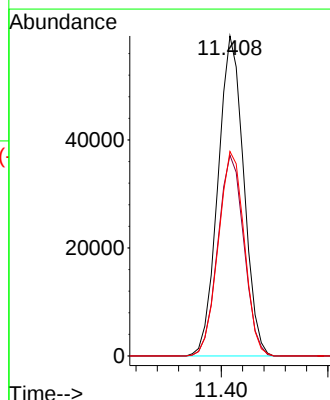
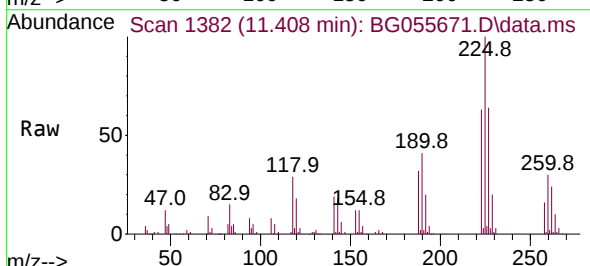
RT: 11.408 min Scan# 1382

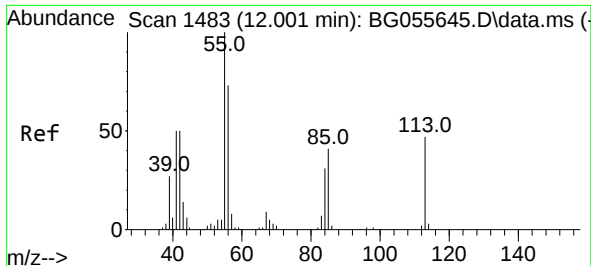
Delta R.T. -0.006 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Tgt Ion:225	Resp:	99530	
Ion Ratio	Lower	Upper	
225	100		
223	62.7	52.9	79.3
227	63.9	52.6	79.0





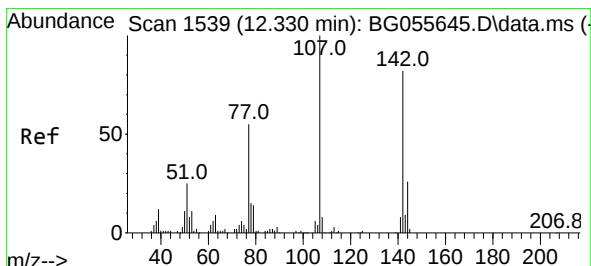
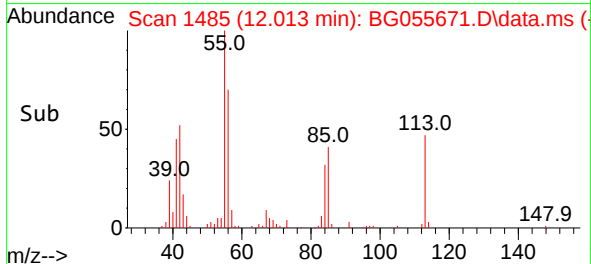
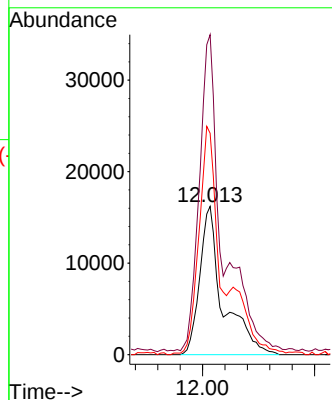
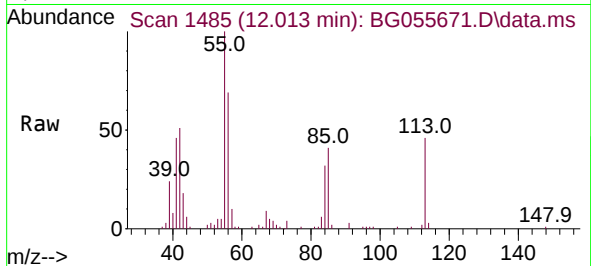
#35
 Caprolactam
 Concen: 43.821 ng m
 RT: 12.013 min Scan# 14
 Delta R.T. 0.012 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38

Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD

Tgt Ion:113 Resp: 46682
 Ion Ratio Lower Upper
 113 100
 55 216.0 193.5 233.5
 56 149.3 135.2 175.2

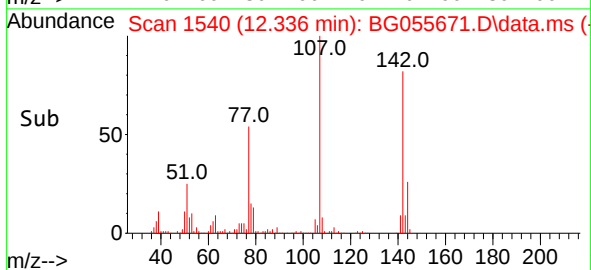
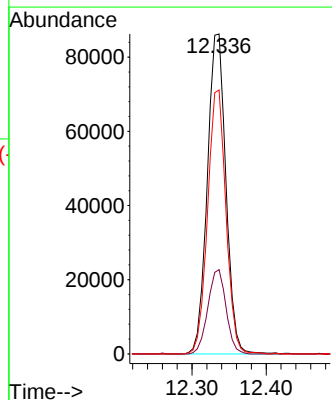
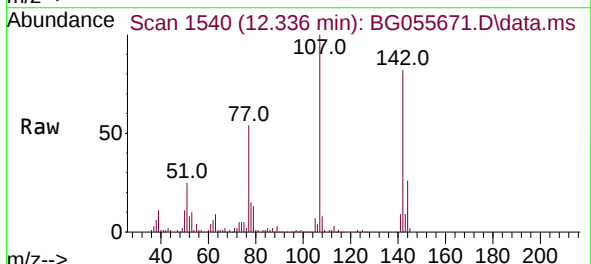
Manual Integrations
 APPROVED

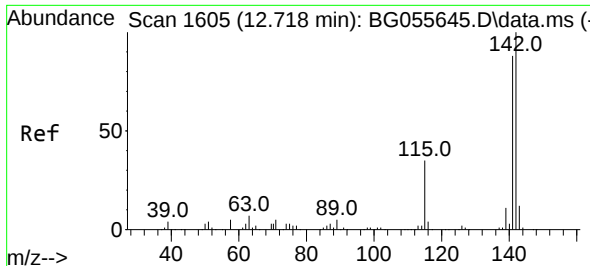
Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.396 ng
 RT: 12.336 min Scan# 1540
 Delta R.T. 0.006 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38

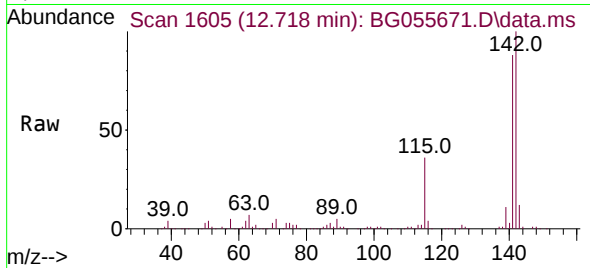
Tgt Ion:107 Resp: 150213
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.0 31.4
 142 82.5 65.9 98.9





#37
2-Methylnaphthalene
Concen: 40.867 ng
RT: 12.718 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

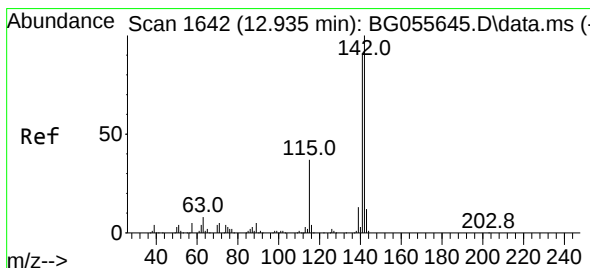
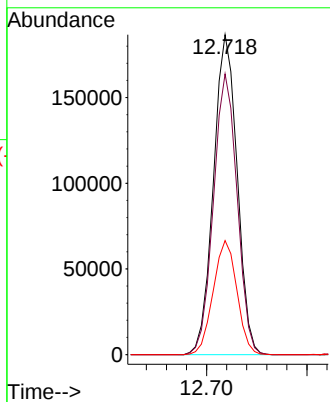
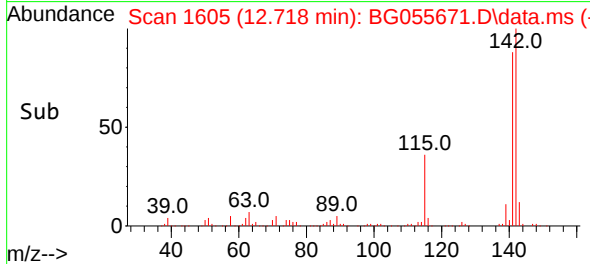
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



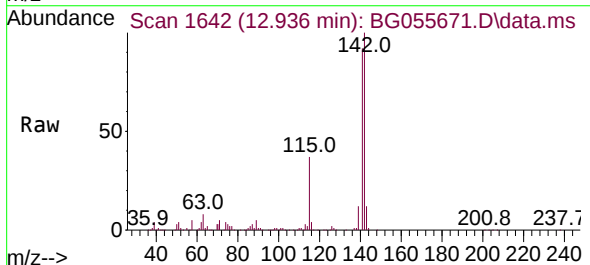
Tgt Ion:142 Resp: 306411
Ion Ratio Lower Upper
142 100
141 87.7 70.3 105.5
115 35.6 27.9 41.9

Manual Integrations
APPROVED

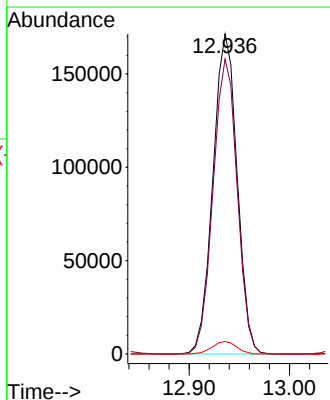
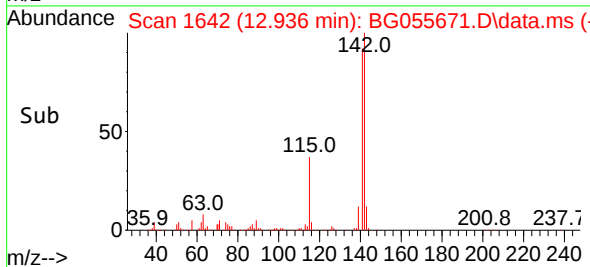
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

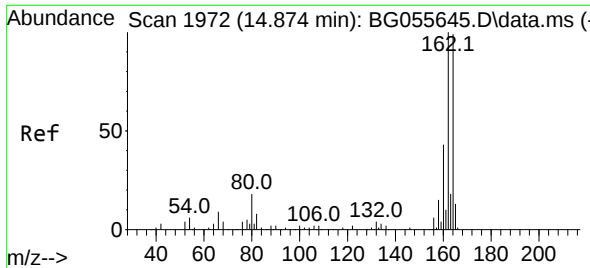


#38
1-Methylnaphthalene
Concen: 39.382 ng
RT: 12.936 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



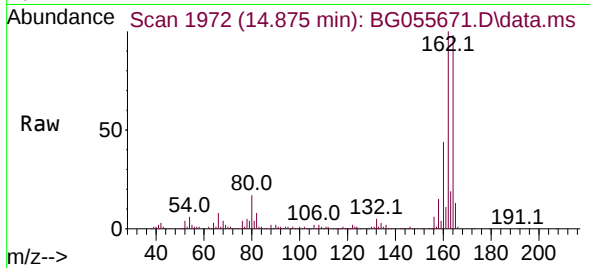
Tgt Ion:142 Resp: 286646
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

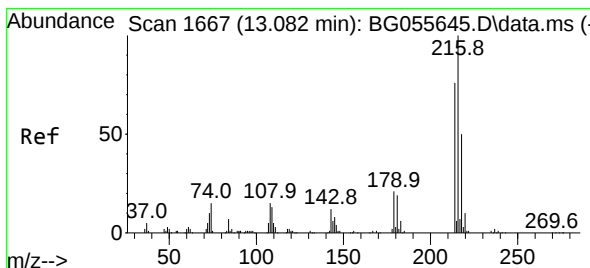
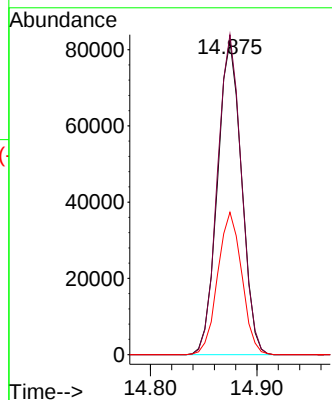
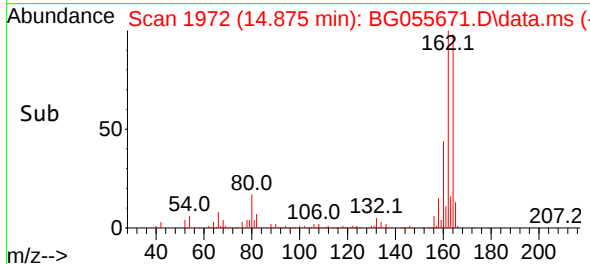
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



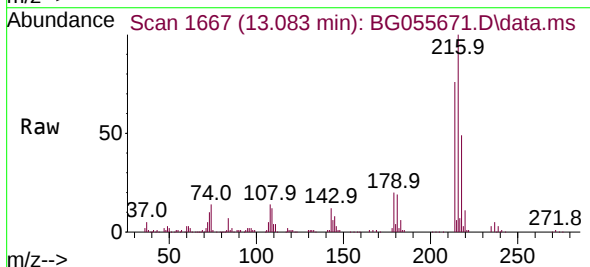
Tgt Ion:164 Resp: 129372
Ion Ratio Lower Upper
164 100
162 101.9 81.1 121.7
160 45.3 34.8 52.2

Manual Integrations
APPROVED

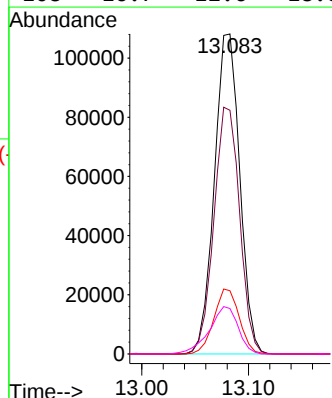
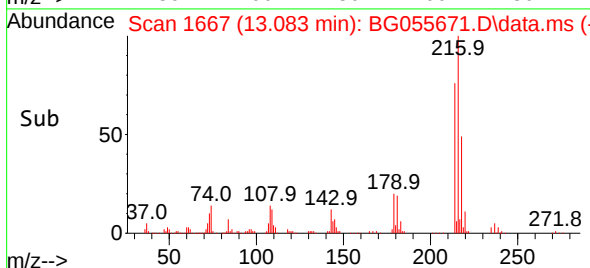
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

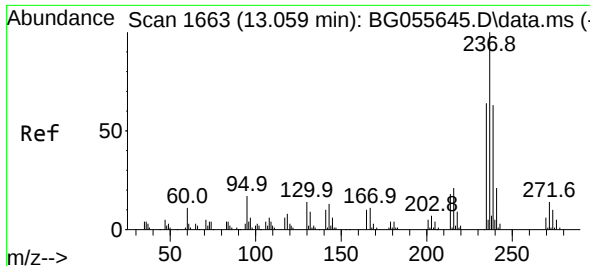


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.052 ng
RT: 13.083 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



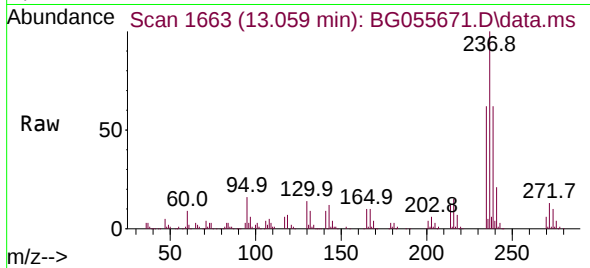
Tgt Ion:216 Resp: 179103
Ion Ratio Lower Upper
216 100
214 77.9 62.1 93.1
179 20.2 16.5 24.7
108 16.7 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 81.150 ng
RT: 13.059 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

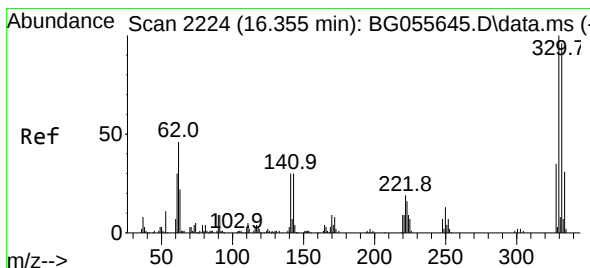
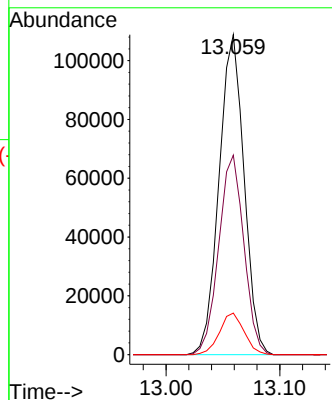
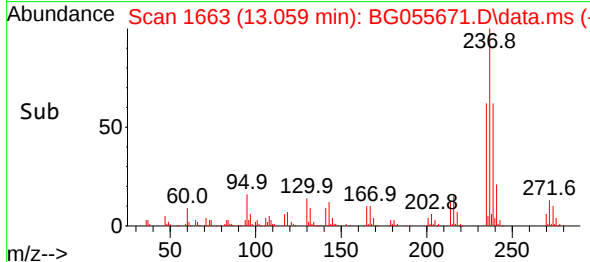
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



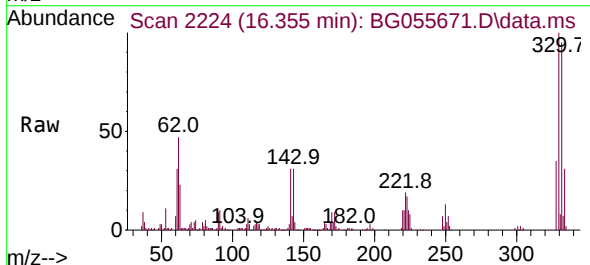
Tgt Ion:237 Resp: 166288
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 13.0 0.0 33.6

Manual Integrations
APPROVED

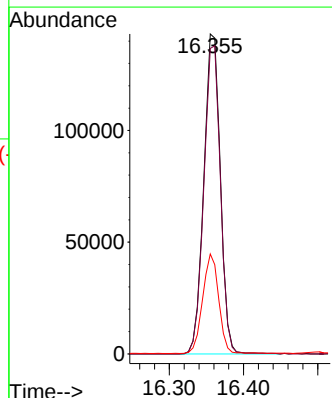
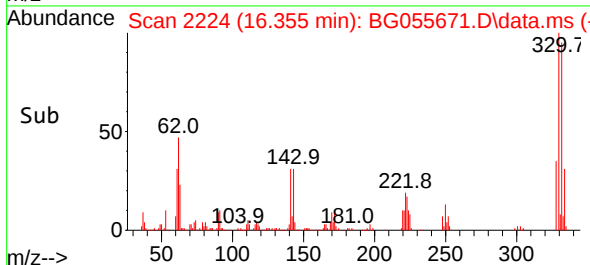
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

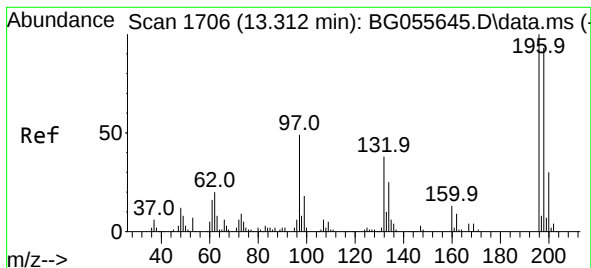


#42
2,4,6-Tribromophenol
Concen: 121.669 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



Tgt Ion:330 Resp: 221656
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 30.1 23.9 35.9





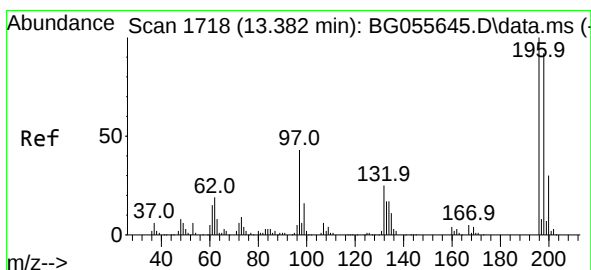
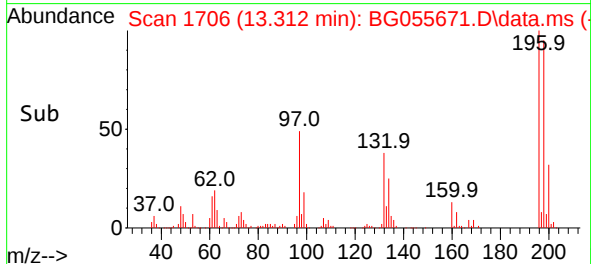
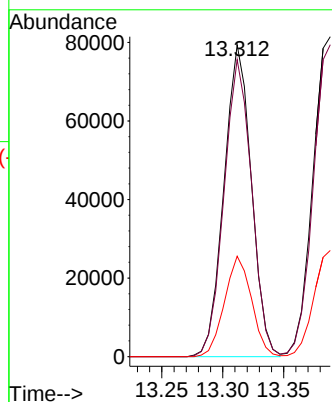
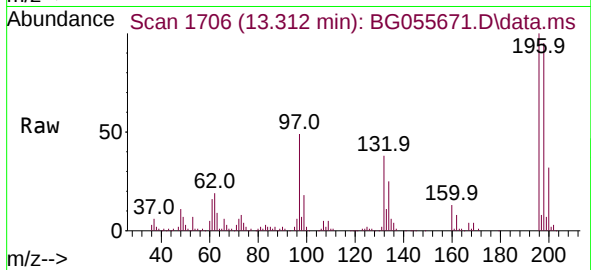
#43
2,4,6-Trichlorophenol
Concen: 44.736 ng
RT: 13.312 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:196 Resp: 124070
Ion Ratio Lower Upper
196 100
198 95.3 74.6 112.0
200 32.2 23.7 35.5

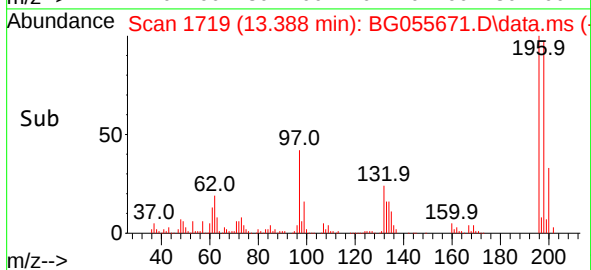
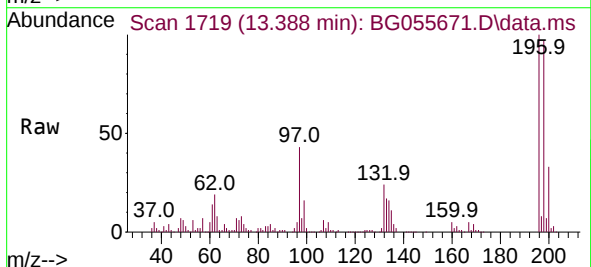
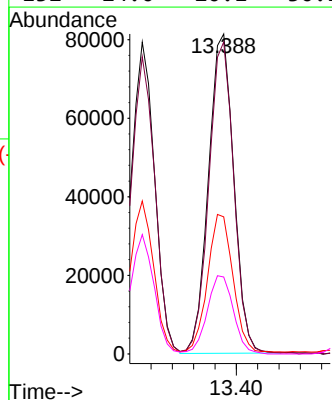
Manual Integrations
APPROVED

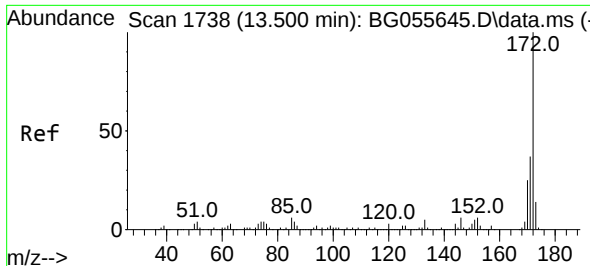
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#44
2,4,5-Trichlorophenol
Concen: 43.893 ng
RT: 13.388 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

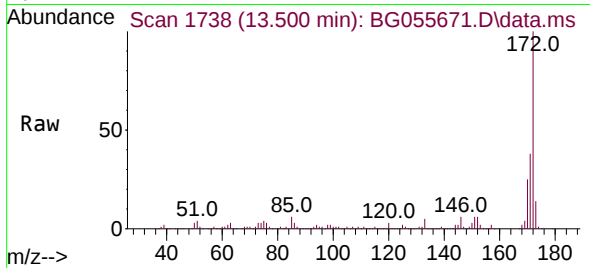
Tgt Ion:196 Resp: 133777
Ion Ratio Lower Upper
196 100
198 97.5 74.1 111.1
97 42.8 34.8 52.2
132 24.0 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 74.647 ng
RT: 13.500 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

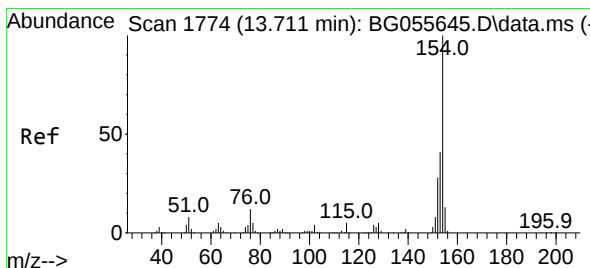
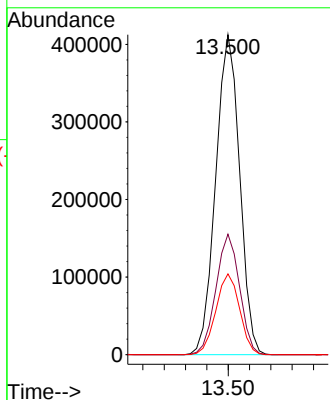
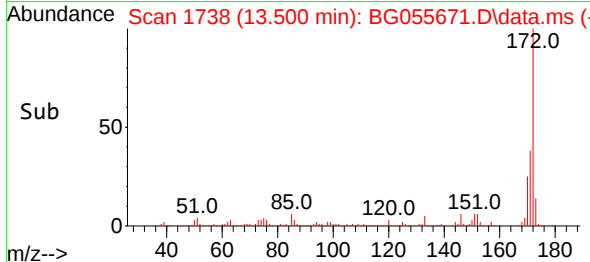
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



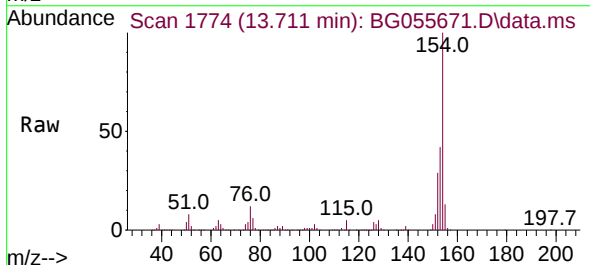
Tgt Ion:172 Resp: 644646
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.2 20.2 30.4

Manual Integrations
APPROVED

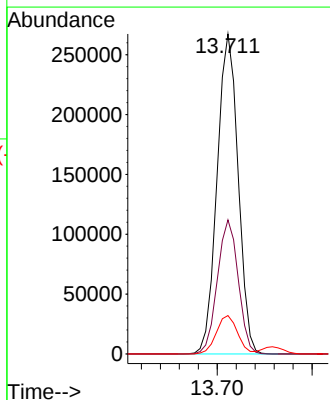
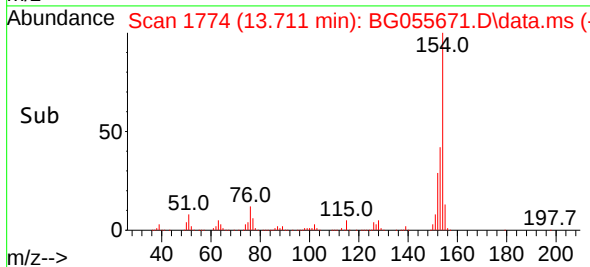
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

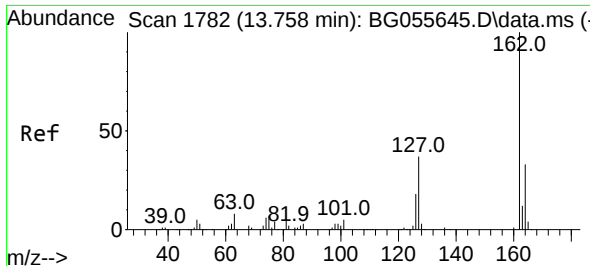


#46
1,1'-Biphenyl
Concen: 43.586 ng
RT: 13.711 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



Tgt Ion:154 Resp: 410923
Ion Ratio Lower Upper
154 100
153 41.9 20.6 60.6
76 12.0 0.0 32.4





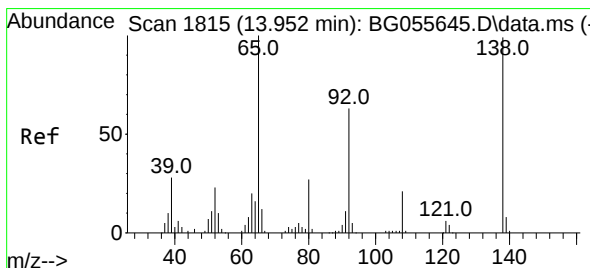
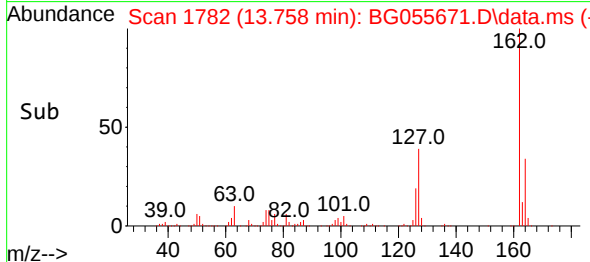
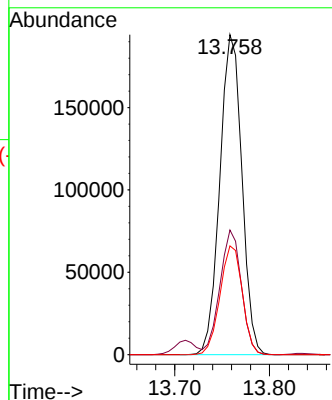
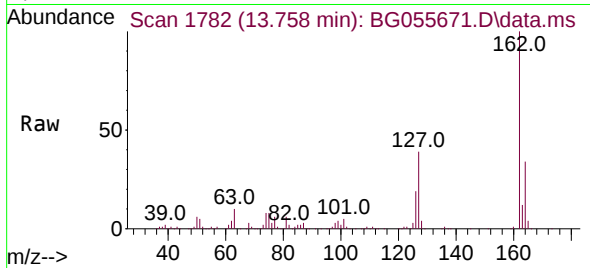
#47
2-Chloronaphthalene
Concen: 42.839 ng
RT: 13.758 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:162 Resp: 313925
Ion Ratio Lower Upper
162 100
127 38.9 29.9 44.9
164 34.0 26.4 39.6

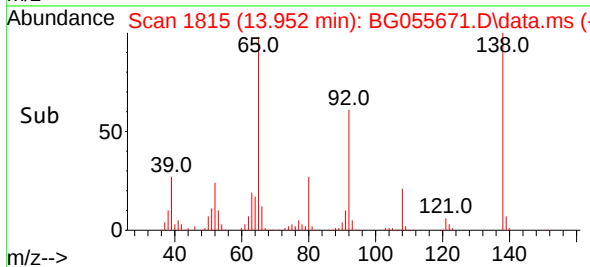
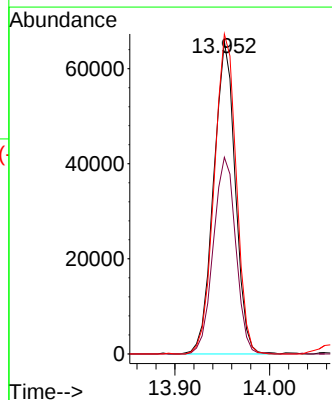
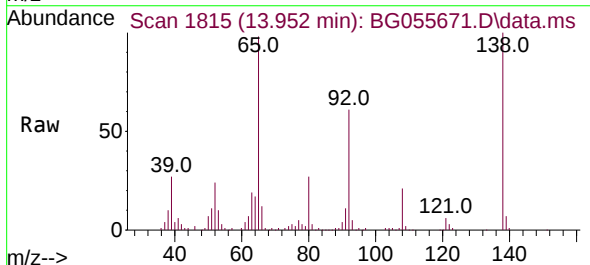
Manual Integrations
APPROVED

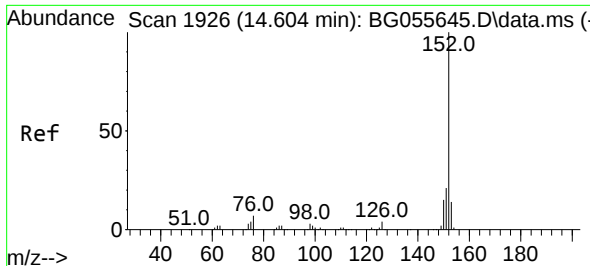
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#48
2-Nitroaniline
Concen: 43.231 ng
RT: 13.952 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

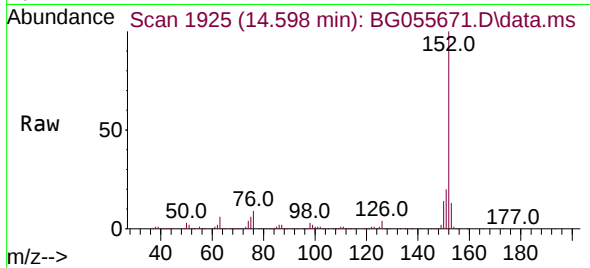
Tgt Ion: 65 Resp: 104154
Ion Ratio Lower Upper
65 100
92 62.9 50.1 75.1
138 102.4 79.4 119.0





#49
Acenaphthylene
Concen: 42.254 ng
RT: 14.598 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

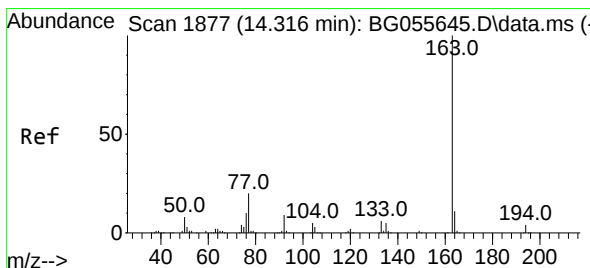
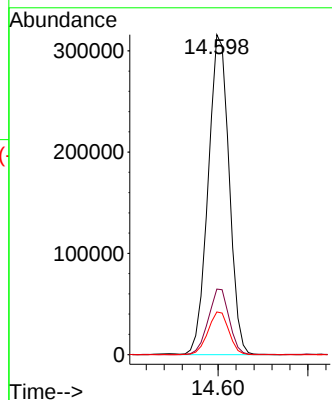
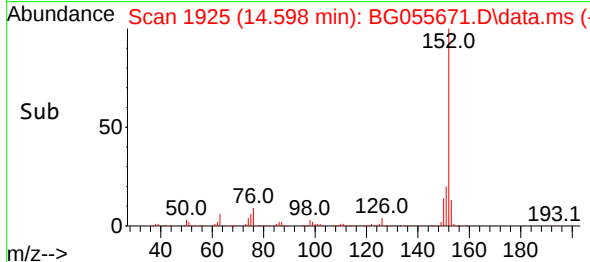
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



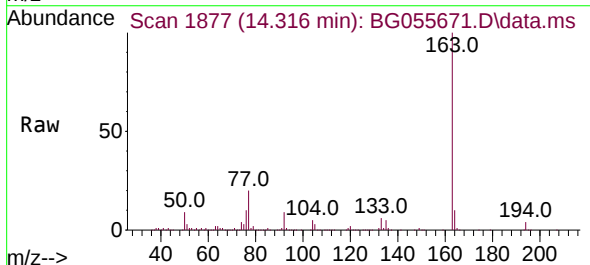
Tgt Ion:152 Resp: 509889
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.3 11.0 16.4

Manual Integrations
APPROVED

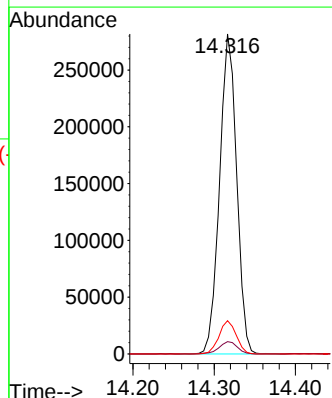
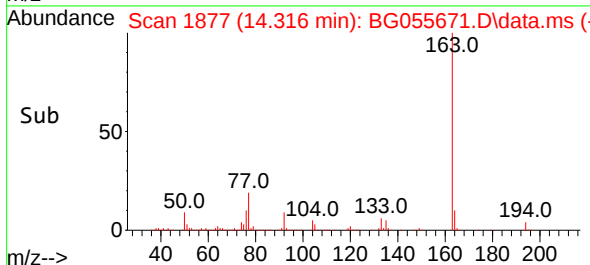
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

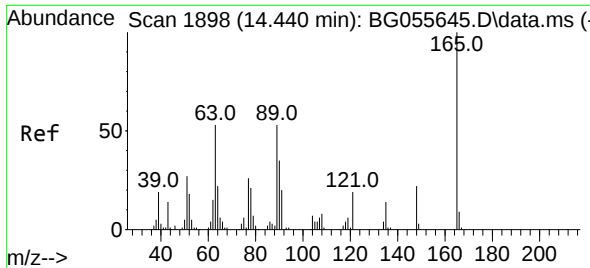


#50
Dimethylphthalate
Concen: 39.879 ng
RT: 14.316 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



Tgt Ion:163 Resp: 411289
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 8.6 12.8





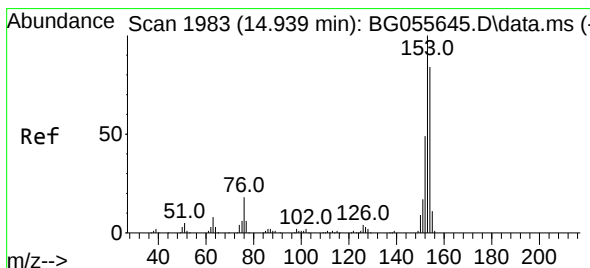
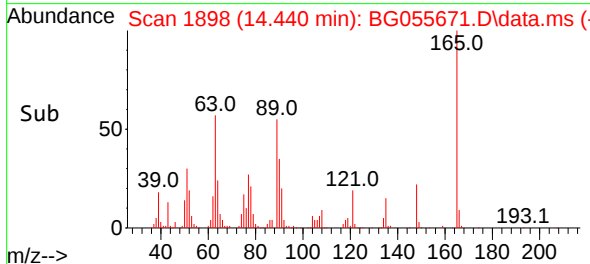
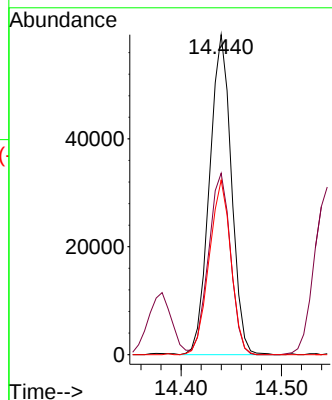
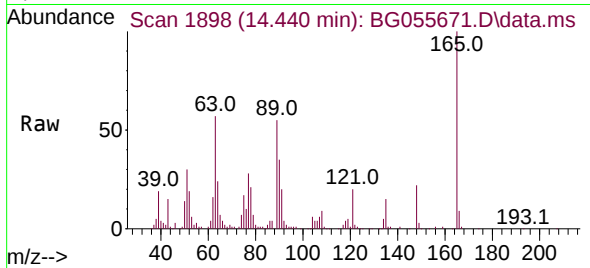
#51
2,6-Dinitrotoluene
Concen: 42.626 ng
RT: 14.440 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:165 Resp: 89889
Ion Ratio Lower Upper
165 100
63 56.7 44.6 66.8
89 54.5 42.2 63.4

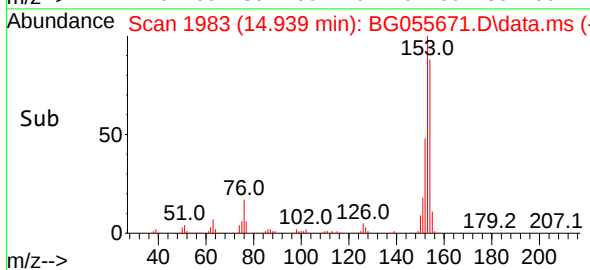
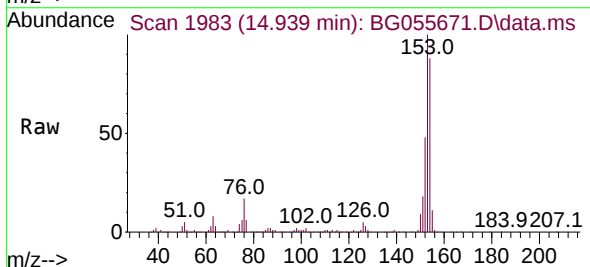
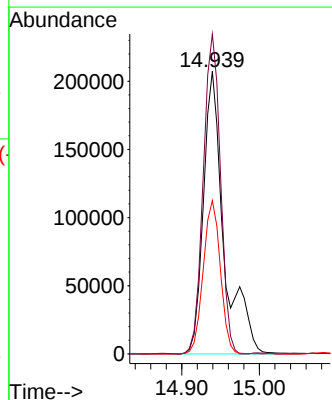
Manual Integrations
APPROVED

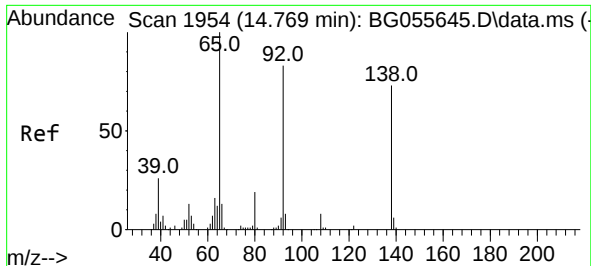
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#52
Acenaphthene
Concen: 48.561 ng m
RT: 14.939 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:154 Resp: 382985
Ion Ratio Lower Upper
154 100
153 113.3 95.0 142.4
152 54.3 46.1 69.1





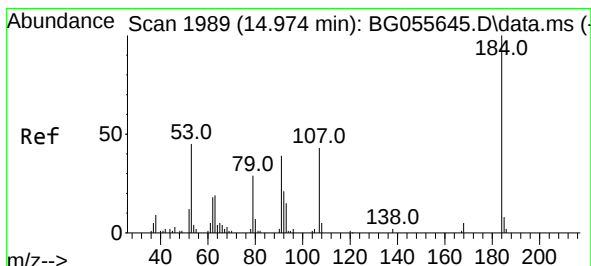
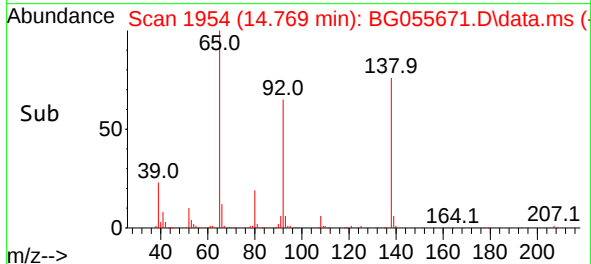
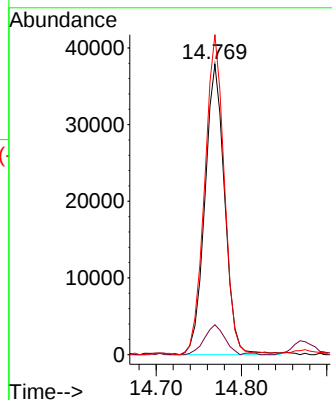
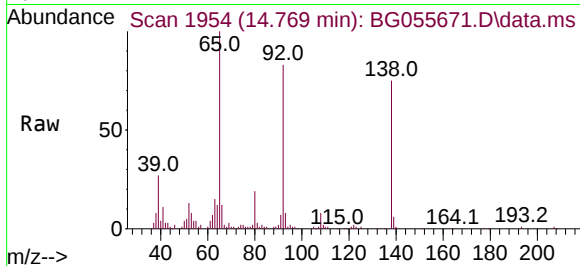
#53
3-Nitroaniline
Concen: 26.336 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:138 Resp: 6096
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 110.2 91.0 136.6

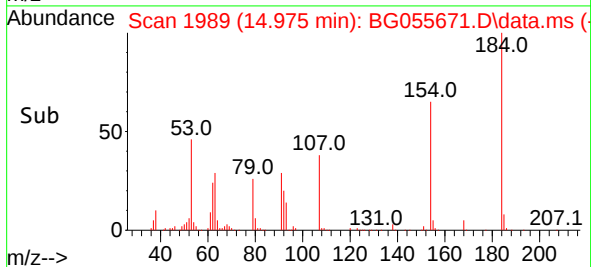
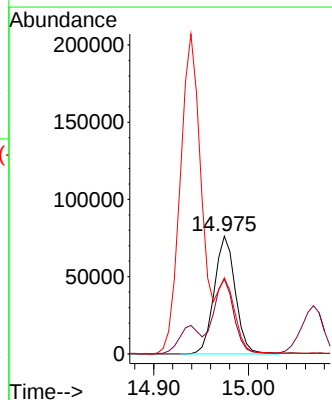
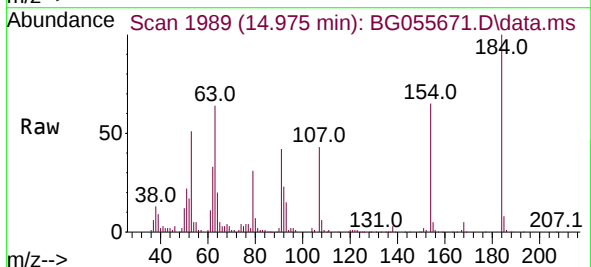
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#54
2,4-Dinitrophenol
Concen: 96.789 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.001 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

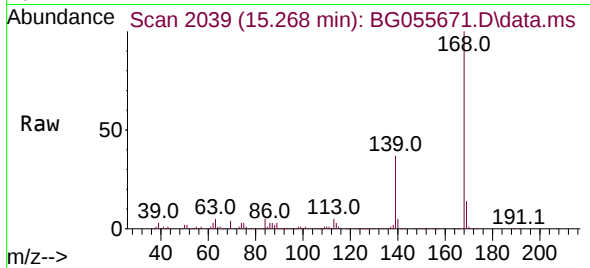
Tgt Ion:184 Resp: 117353
Ion Ratio Lower Upper
184 100
63 63.5 49.5 74.3
154 64.6 52.0 78.0





#55
Dibenzofuran
Concen: 42.069 ng
RT: 15.268 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

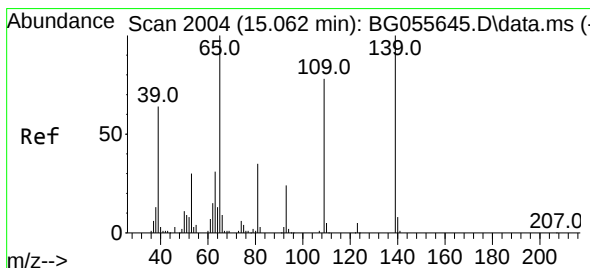
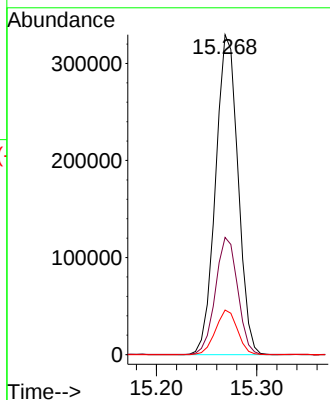
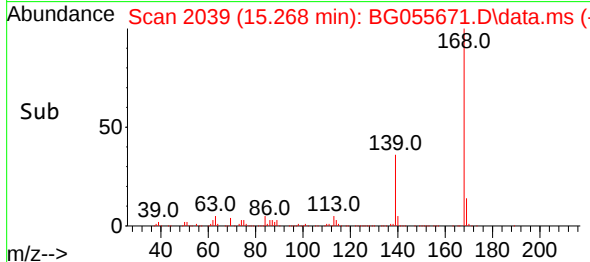
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion:168 Resp: 511831
Ion Ratio Lower Upper
168 100
139 36.6 28.8 43.2
169 13.9 11.0 16.4

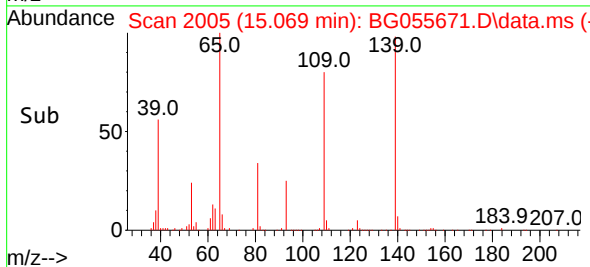
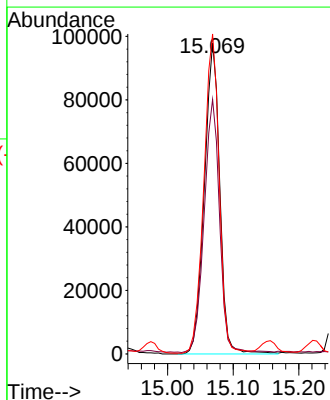
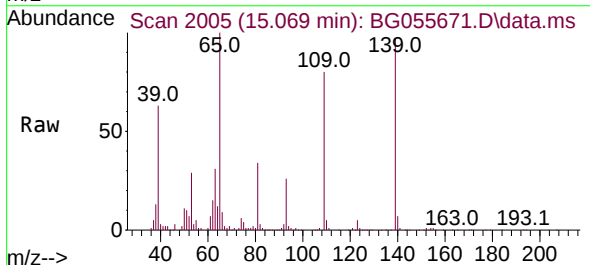
Manual Integrations
APPROVED

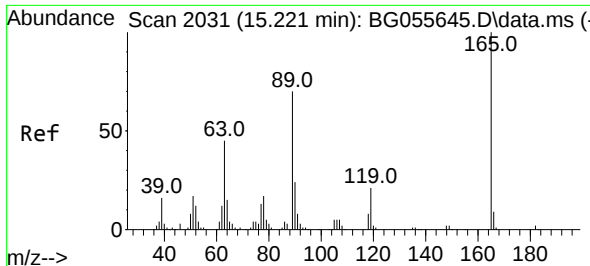
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#56
4-Nitrophenol
Concen: 87.408 ng
RT: 15.069 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

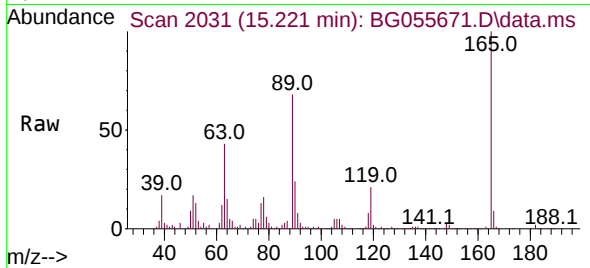
Tgt Ion:139 Resp: 158809
Ion Ratio Lower Upper
139 100
109 82.0 58.6 98.6
65 103.0 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 43.568 ng
RT: 15.221 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

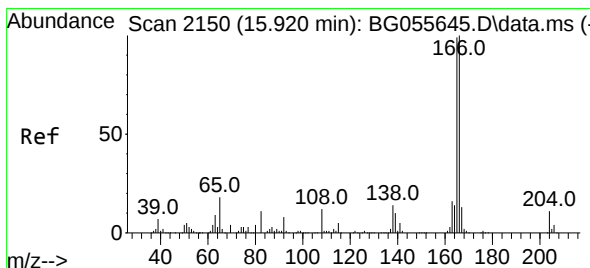
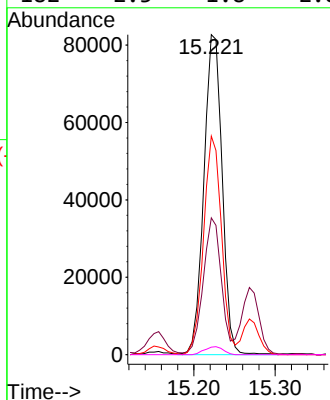
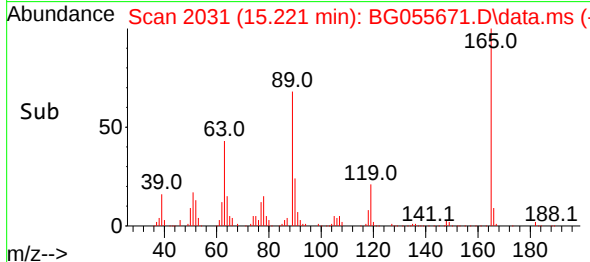
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



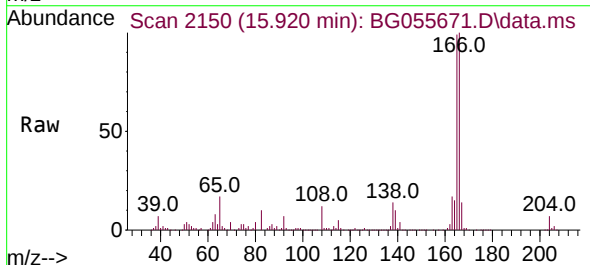
Tgt Ion:165 Resp: 129536
Ion Ratio Lower Upper
165 100
63 42.7 35.8 53.8
89 68.3 56.2 84.4
182 2.3 1.8 2.8

Manual Integrations
APPROVED

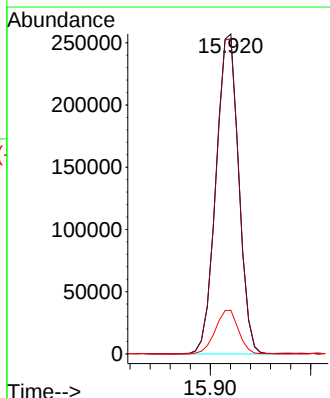
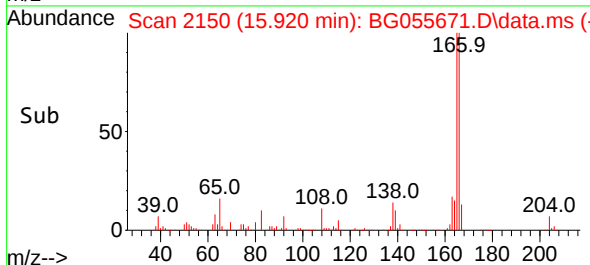
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

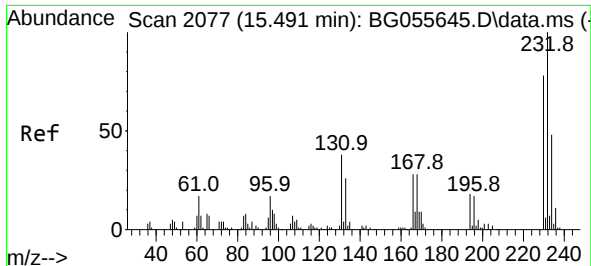


#58
Fluorene
Concen: 41.498 ng
RT: 15.920 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



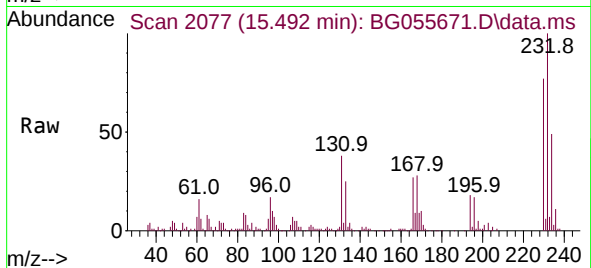
Tgt Ion:166 Resp: 403256
Ion Ratio Lower Upper
166 100
165 98.5 79.3 118.9
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.013 ng
RT: 15.492 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

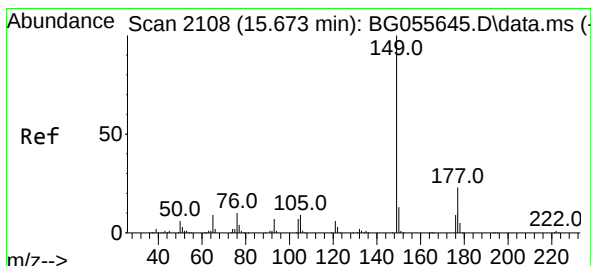
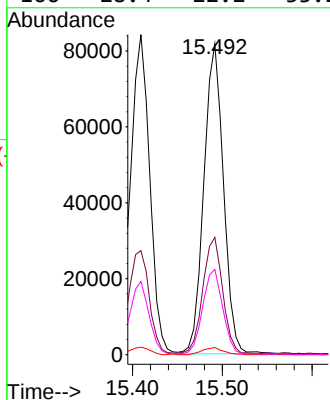
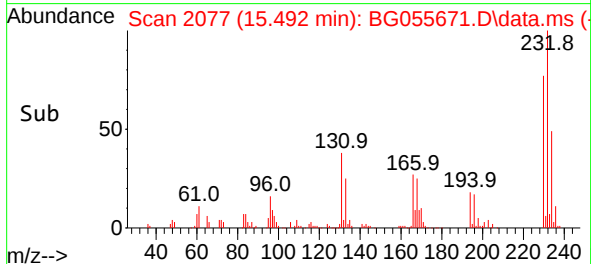
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



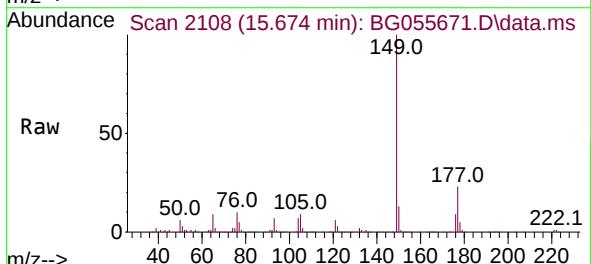
Tgt Ion:232 Resp: 124072
Ion Ratio Lower Upper
232 100
131 38.4 29.8 44.8
130 2.4 1.7 2.5
166 28.4 22.2 33.2

Manual Integrations
APPROVED

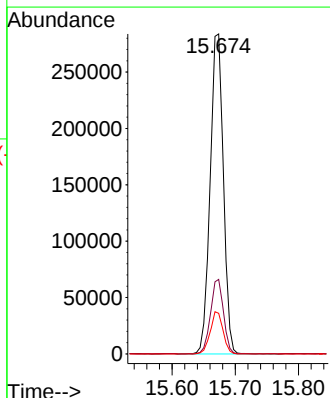
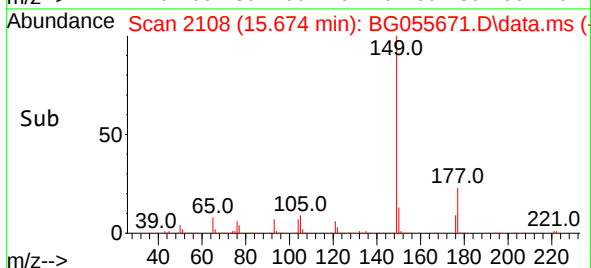
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

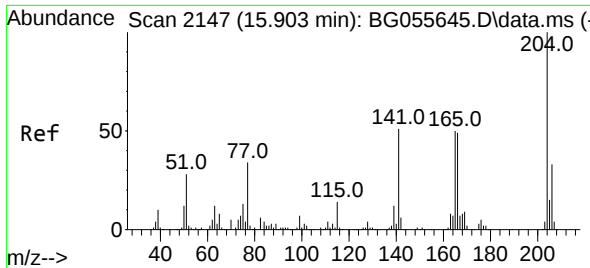


#60
Diethylphthalate
Concen: 39.645 ng
RT: 15.674 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



Tgt Ion:149 Resp: 413386
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.7 10.0 15.0





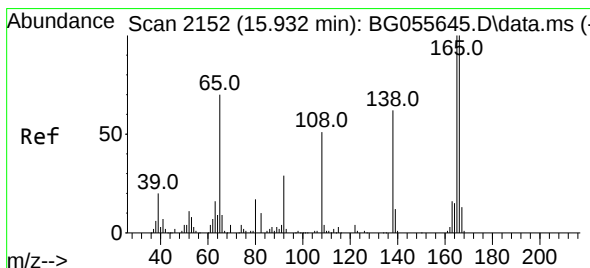
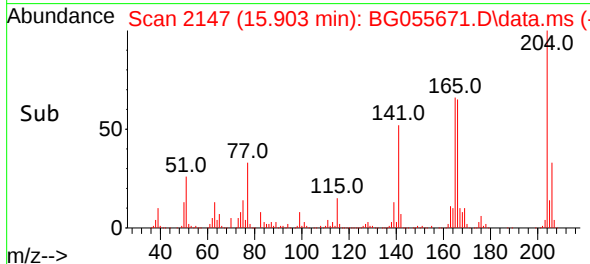
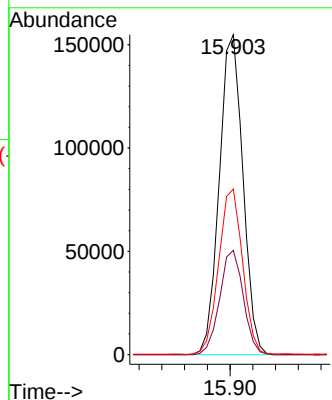
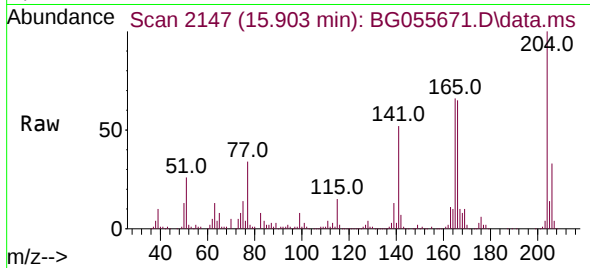
#61
4-Chlorophenyl-phenylether
Concen: 41.792 ng
RT: 15.903 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:204 Resp: 223238
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 51.7 40.6 61.0

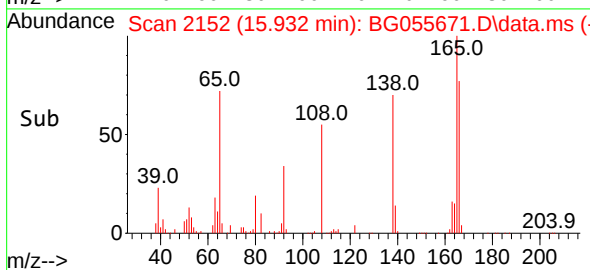
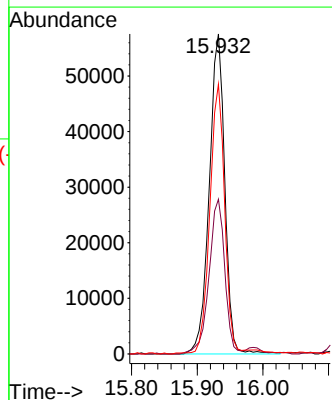
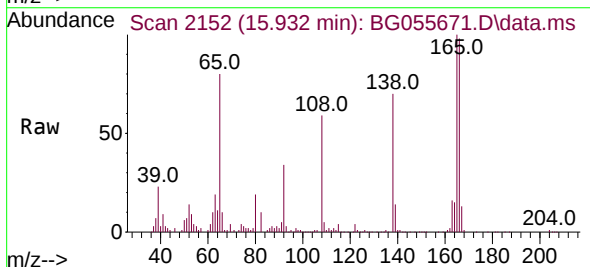
Manual Integrations
APPROVED

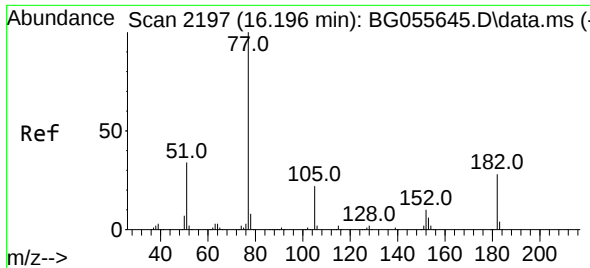
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#62
4-Nitroaniline
Concen: 39.089 ng
RT: 15.932 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

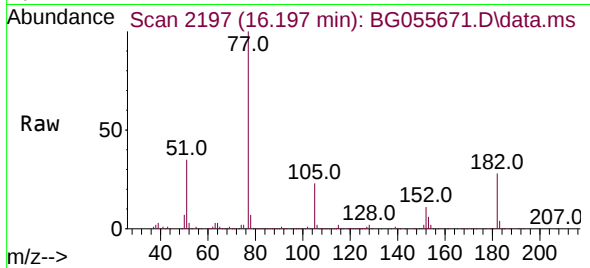
Tgt Ion:138 Resp: 94591
Ion Ratio Lower Upper
138 100
92 48.3 27.3 67.3
108 84.3 62.8 102.8





#63
Azobenzene
Concen: 40.006 ng
RT: 16.197 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

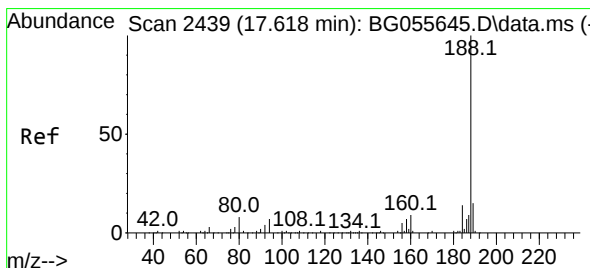
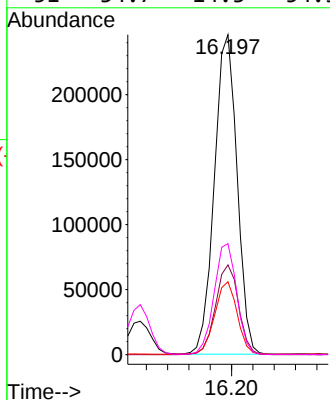
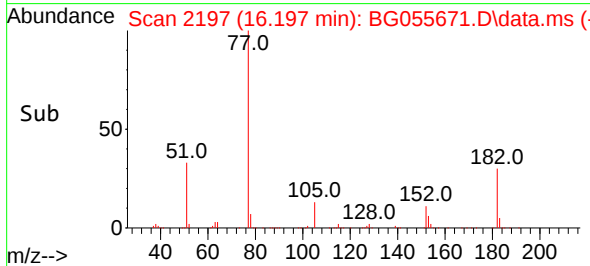
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



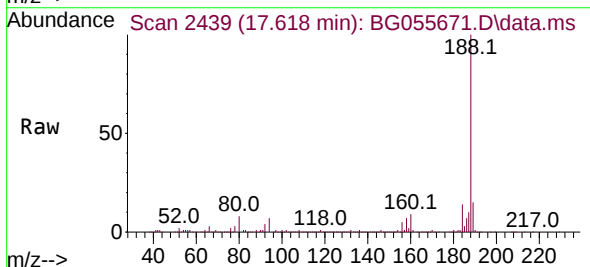
Tgt Ion: 77	Resp: 364186
Ion Ratio	Lower Upper
77 100	
182 28.0	8.1 48.1
105 22.8	1.8 41.8
51 34.7	14.3 54.3

Manual Integrations
APPROVED

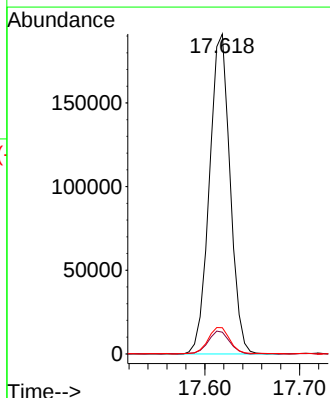
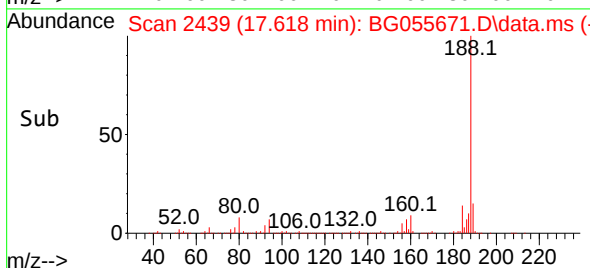
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

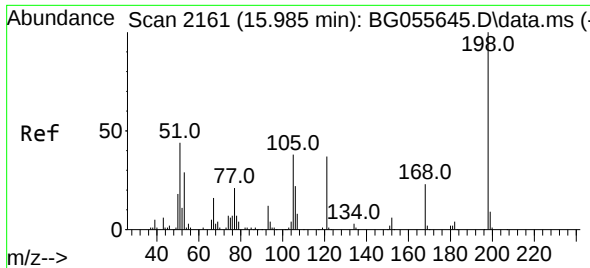


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



Tgt Ion: 188	Resp: 289432
Ion Ratio	Lower Upper
188 100	
94 6.8	5.4 8.2
80 8.2	6.6 10.0





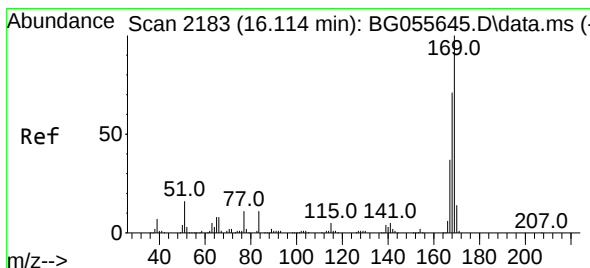
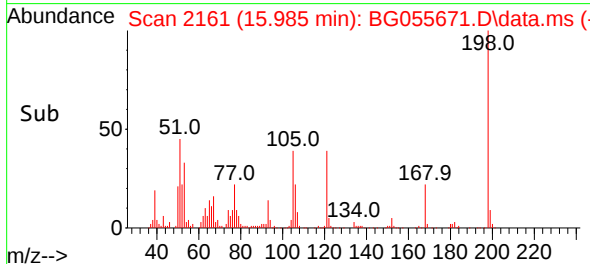
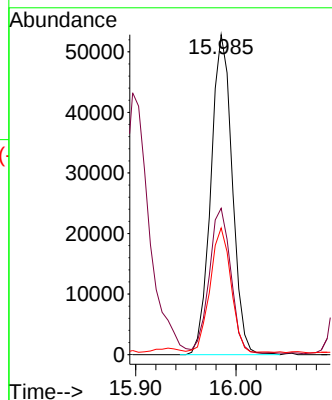
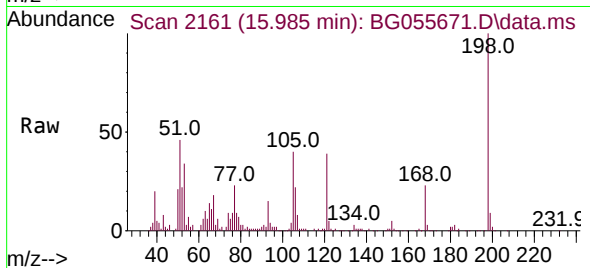
#65
4,6-Dinitro-2-methylphenol
Concen: 48.261 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD

Tgt Ion:198 Resp: 77997
Ion Ratio Lower Upper
198 100
51 45.7 27.7 67.7
105 39.6 19.3 59.3

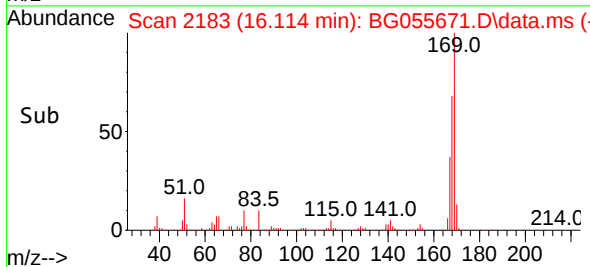
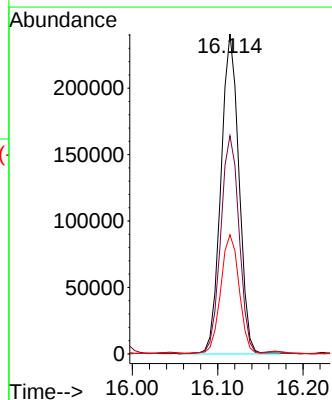
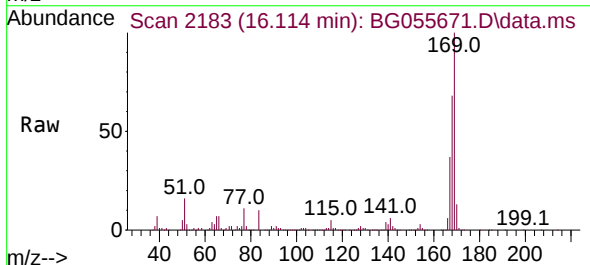
Manual Integrations
APPROVED

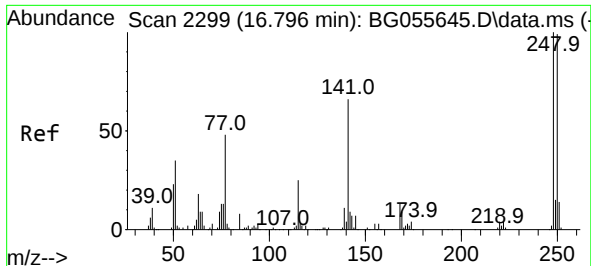
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#66
n-Nitrosodiphenylamine
Concen: 44.326 ng
RT: 16.114 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

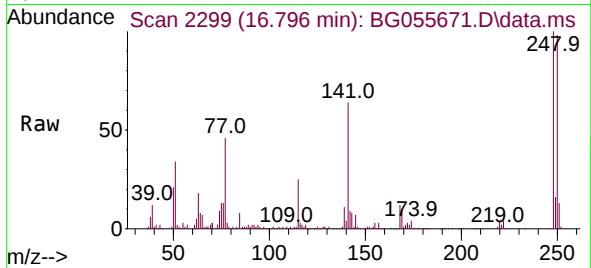
Tgt Ion:169 Resp: 353565
Ion Ratio Lower Upper
169 100
168 68.2 56.6 85.0
167 37.2 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 43.913 ng
RT: 16.796 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

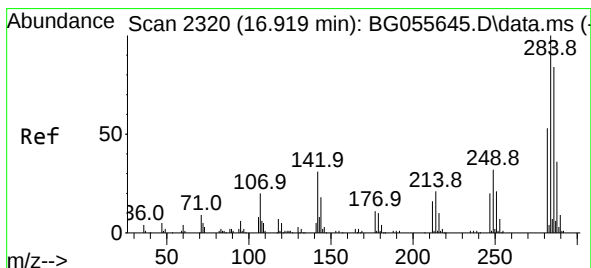
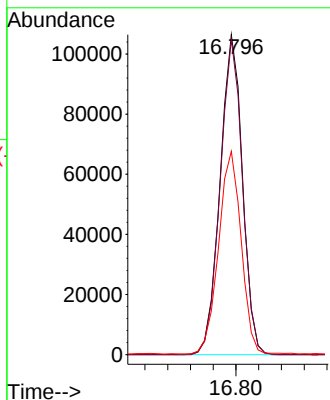
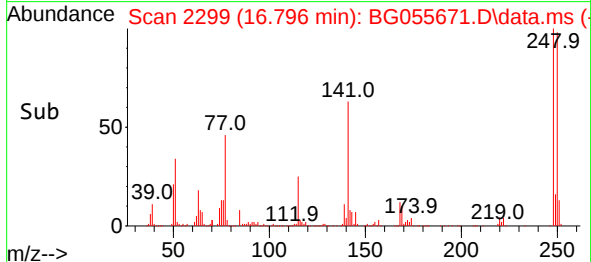
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



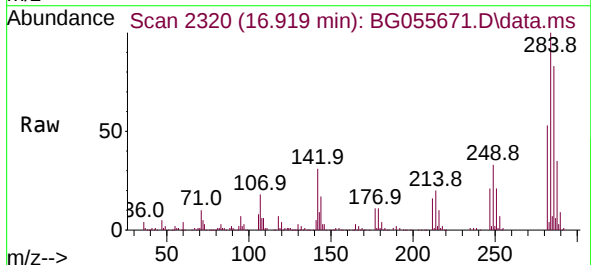
Tgt Ion:248 Resp: 144814
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.4
141 63.5 52.9 79.3

Manual Integrations
APPROVED

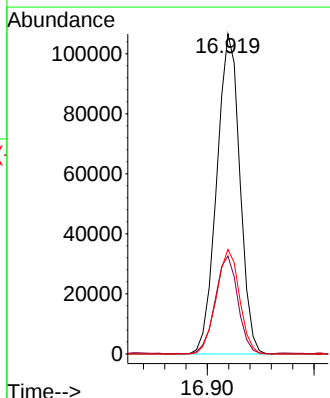
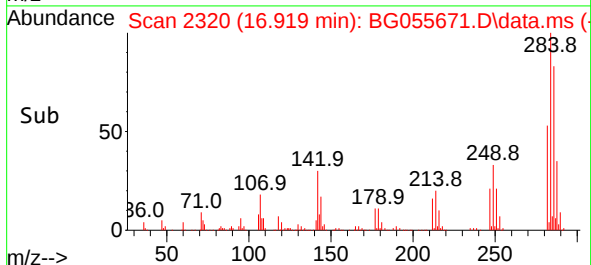
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

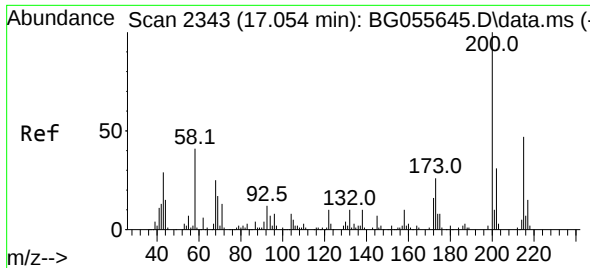


#68
Hexachlorobenzene
Concen: 43.932 ng
RT: 16.919 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



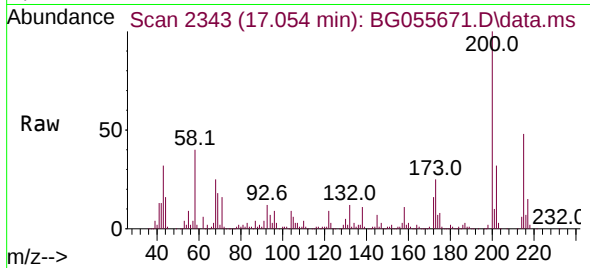
Tgt Ion:284 Resp: 160644
Ion Ratio Lower Upper
284 100
142 30.6 24.8 37.2
249 32.6 25.7 38.5





#69
 Atrazine
 Concen: 45.860 ng
 RT: 17.054 min Scan# 2343
 Delta R.T. 0.000 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38

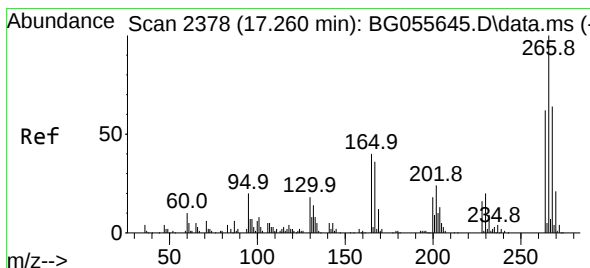
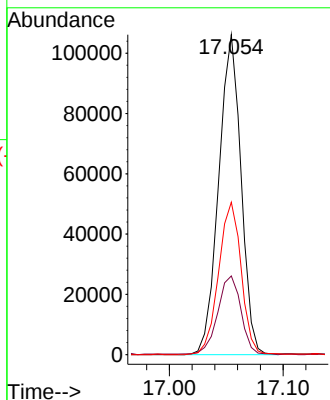
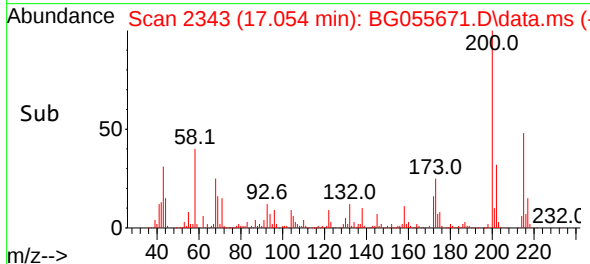
Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD



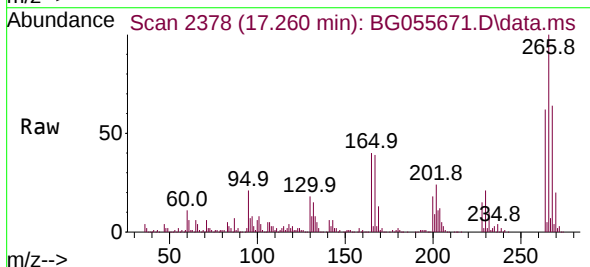
Tgt Ion:200 Resp: 144673
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.6 45.6
 215 47.6 27.2 67.2

Manual Integrations
 APPROVED

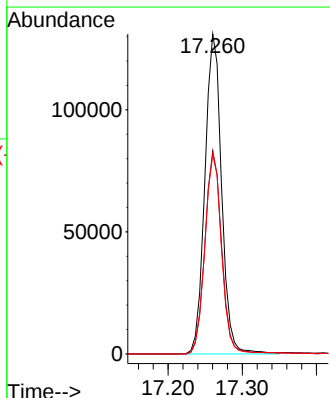
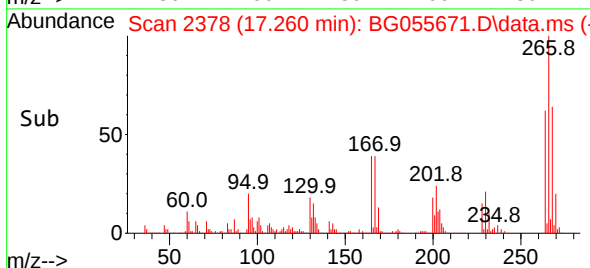
Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

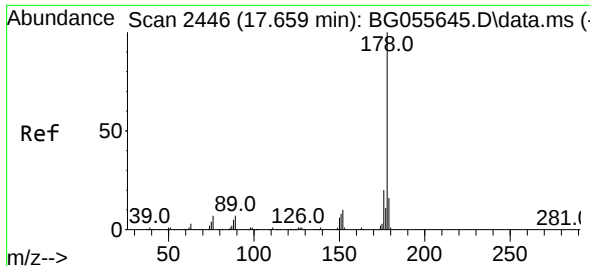


#70
 Pentachlorophenol
 Concen: 91.549 ng
 RT: 17.260 min Scan# 2378
 Delta R.T. 0.000 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38



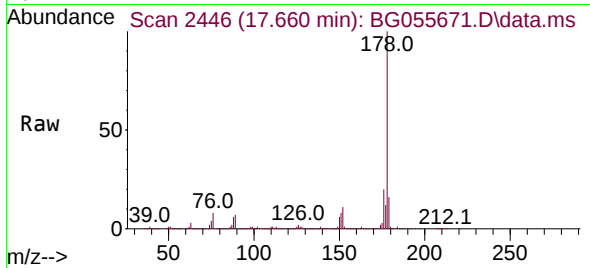
Tgt Ion:266 Resp: 204786
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.2 76.8
 264 62.2 49.5 74.3





#71
Phenanthrene
Concen: 49.235 ng
RT: 17.660 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

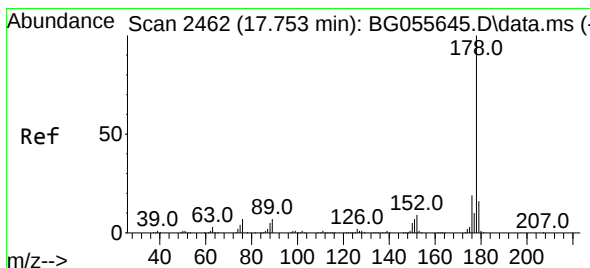
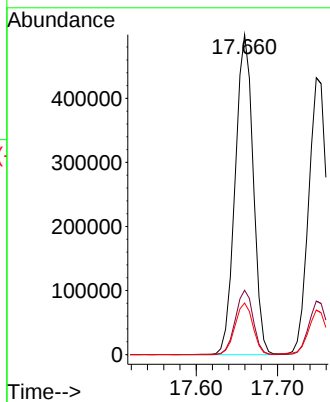
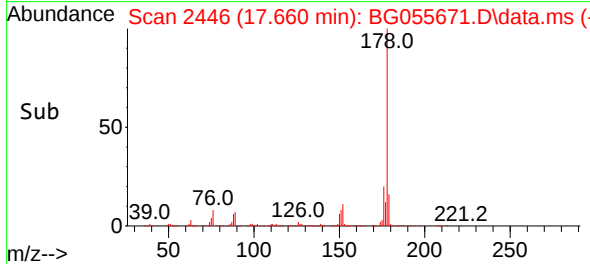
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



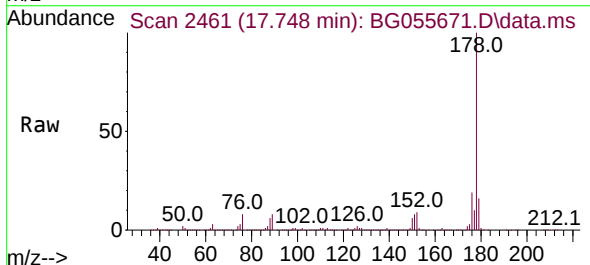
Tgt Ion:178 Resp: 768998
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.1 12.7 19.1

Manual Integrations
APPROVED

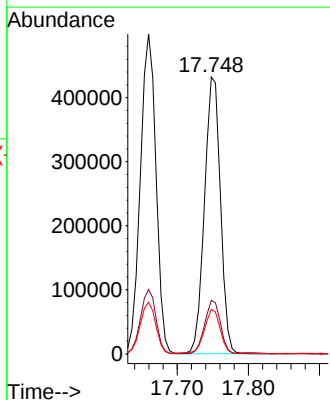
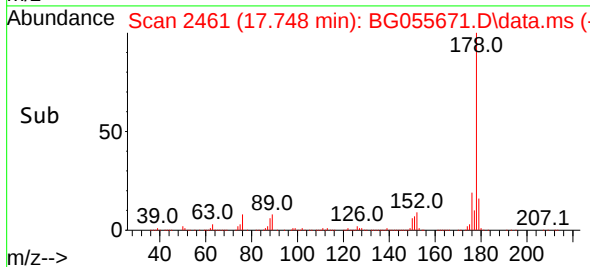
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

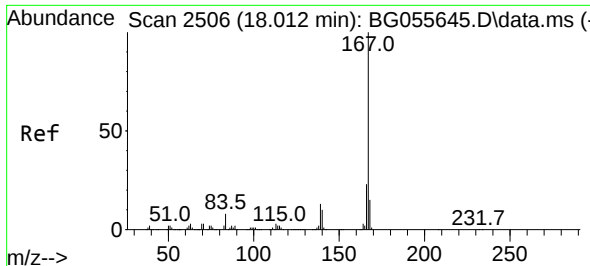


#72
Anthracene
Concen: 44.251 ng
RT: 17.748 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



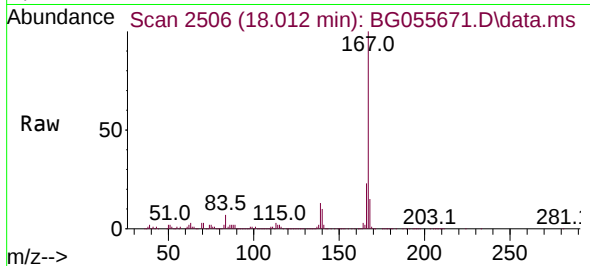
Tgt Ion:178 Resp: 671542
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 43.711 ng
 RT: 18.012 min Scan# 2506
 Delta R.T. 0.000 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38

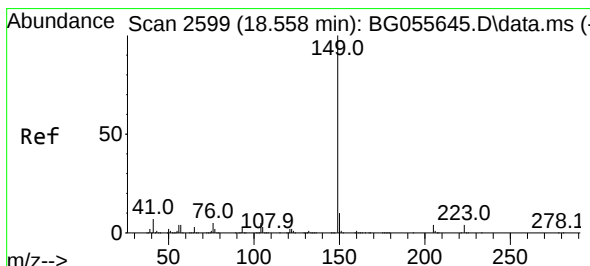
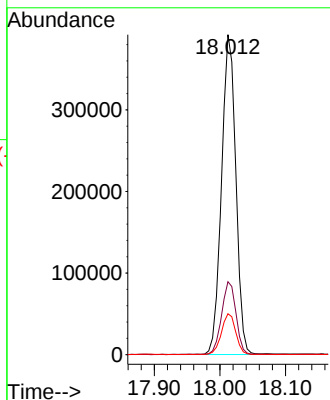
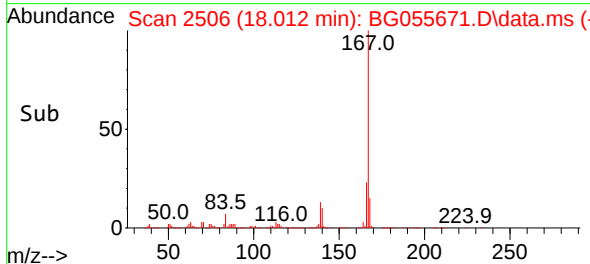
Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD



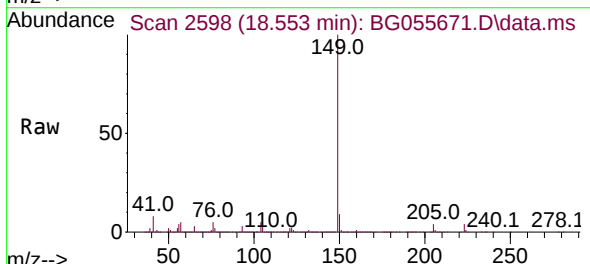
Tgt Ion:167 Resp: 596347
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 12.8 10.2 15.4

Manual Integrations
 APPROVED

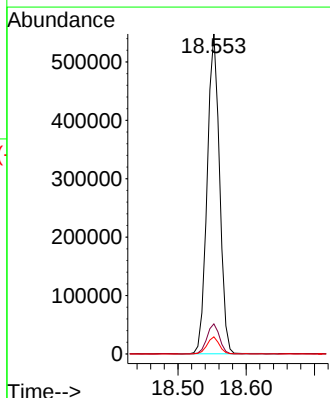
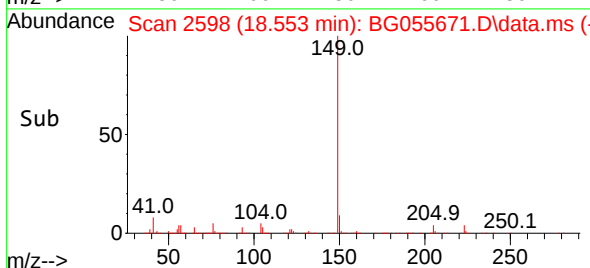
Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

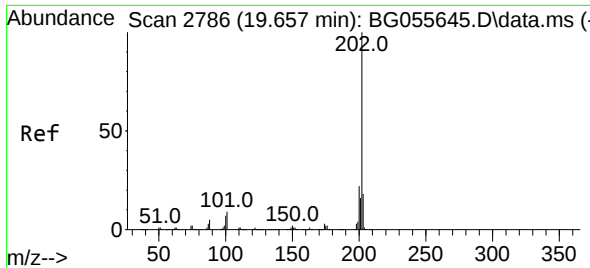


#74
 Di-n-butylphthalate
 Concen: 40.755 ng
 RT: 18.553 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38



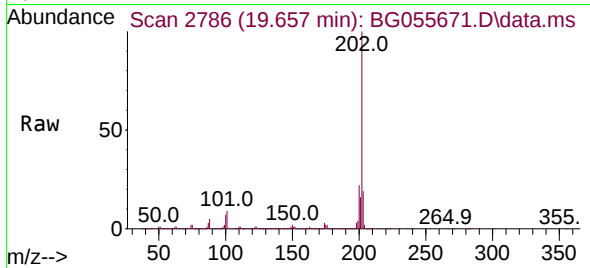
Tgt Ion:149 Resp: 690407
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 47.864 ng
RT: 19.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

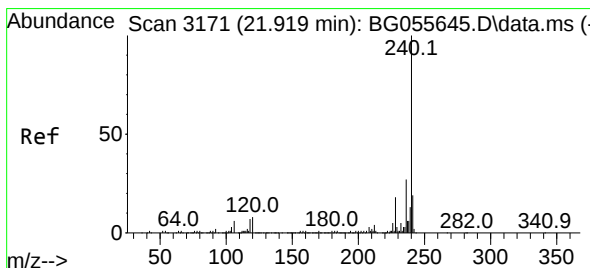
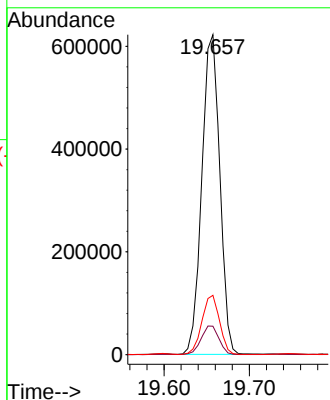
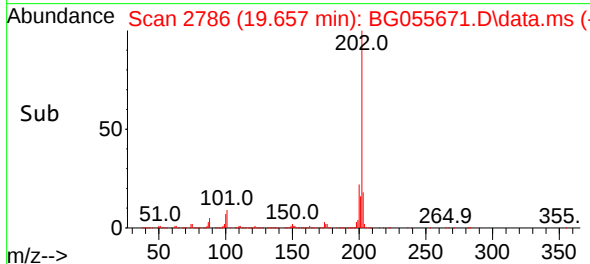
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



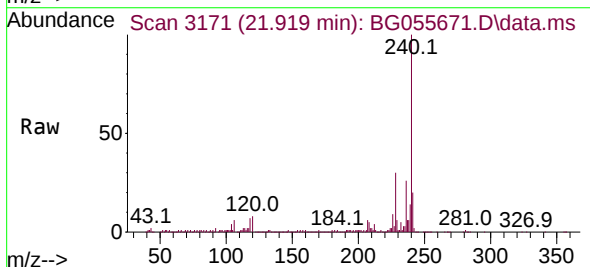
Tgt Ion:202 Resp: 909491
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 18.5 0.0 38.1

Manual Integrations
APPROVED

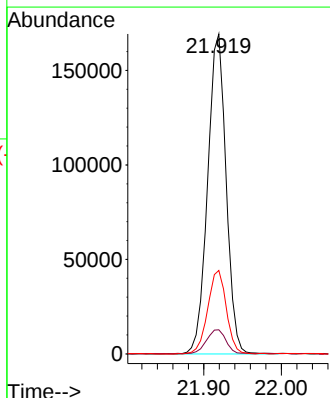
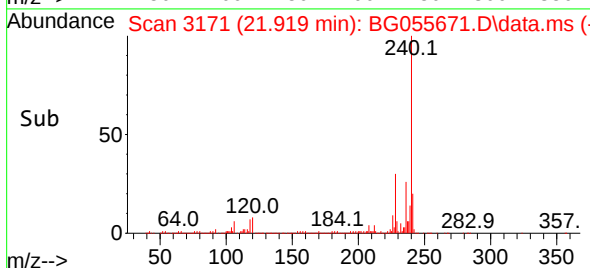
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

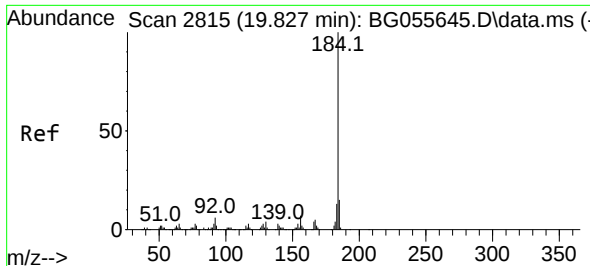


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38



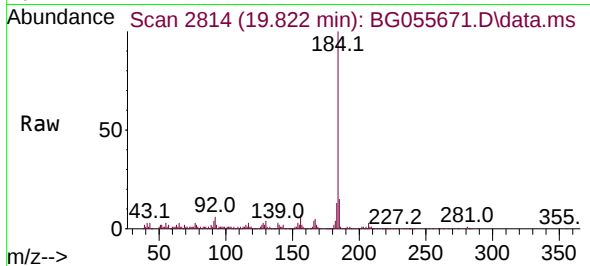
Tgt Ion:240 Resp: 280112
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.1 21.9 32.9





#77
Benzidine
Concen: 26.377 ng
RT: 19.822 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

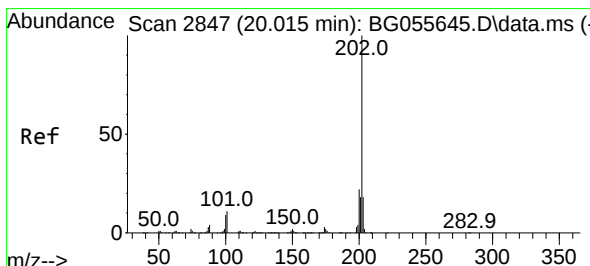
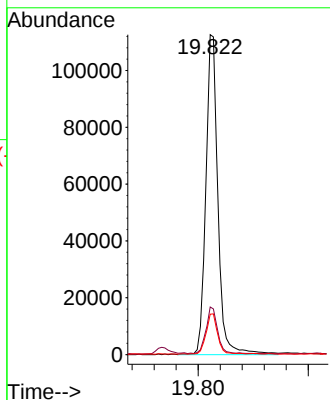
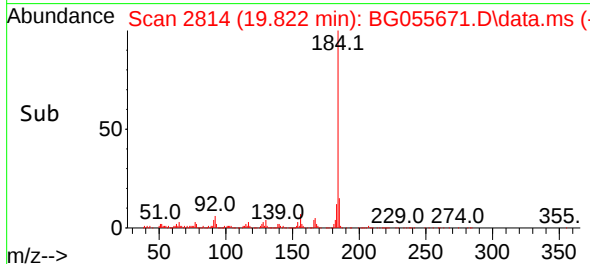
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion:184 Resp: 170929
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 12.6 10.6 15.8

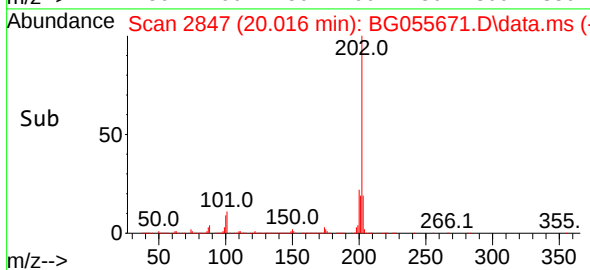
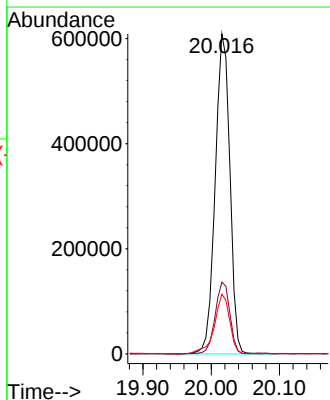
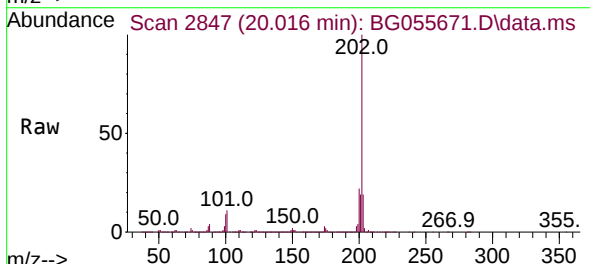
Manual Integrations
APPROVED

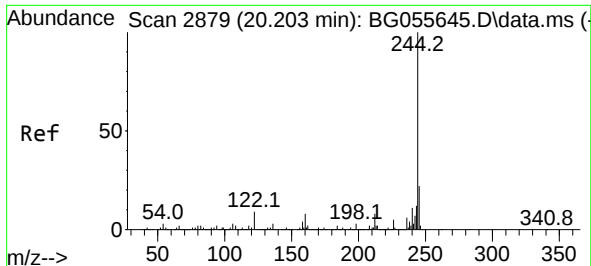
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#78
Pyrene
Concen: 47.712 ng
RT: 20.016 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

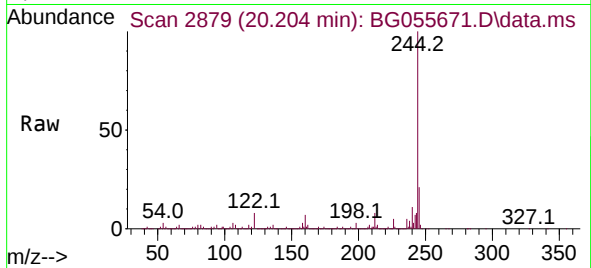
Tgt Ion:202 Resp: 904625
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.6 14.4 21.6





#79
 Terphenyl-d14
 Concen: 76.495 ng
 RT: 20.204 min Scan# 2879
 Delta R.T. 0.000 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38

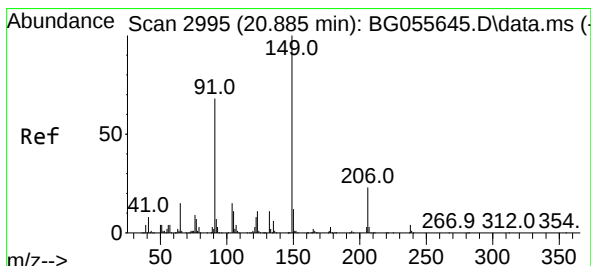
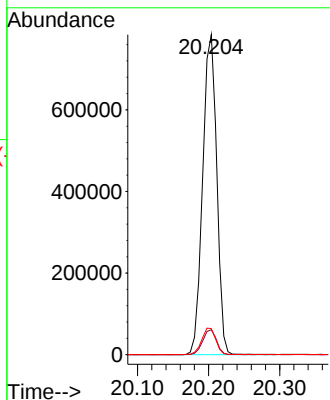
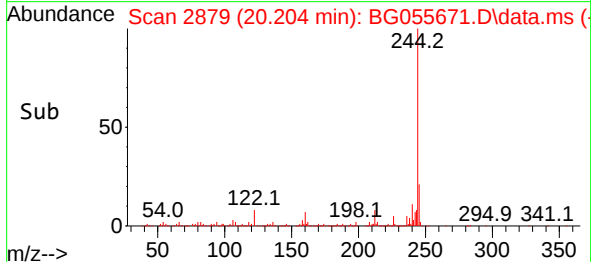
Instrument :
 BNA_G
 ClientSampleId :
 WC-D2(7-9)MSD



Tgt Ion:244 Resp: 1071289
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.1 6.9 10.3

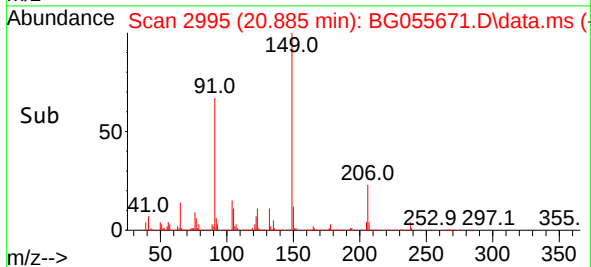
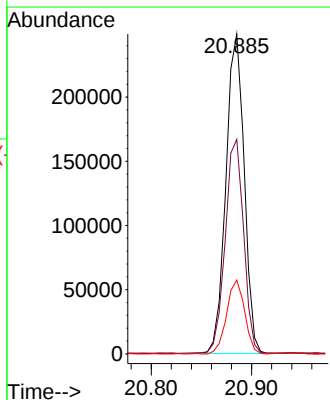
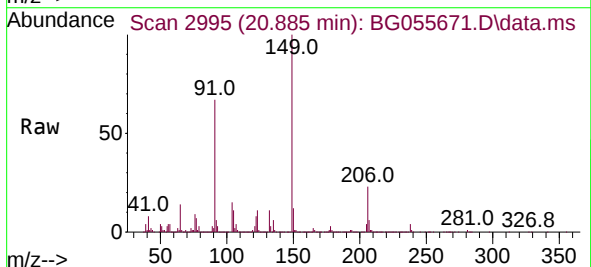
Manual Integrations
 APPROVED

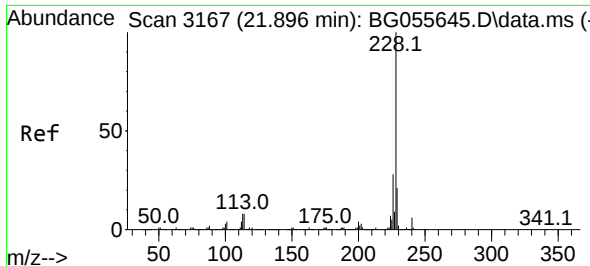
Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022



#80
 Butylbenzylphthalate
 Concen: 42.447 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.000 min
 Lab File: BG055671.D
 Acq: 17 Nov 2022 18:38

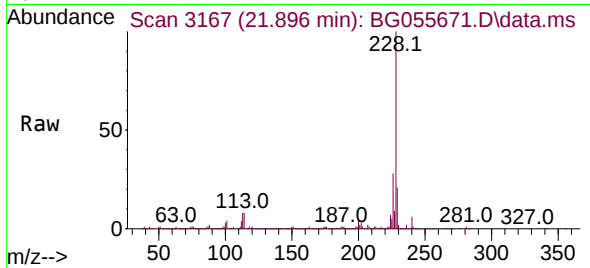
Tgt Ion:149 Resp: 315067
 Ion Ratio Lower Upper
 149 100
 91 67.0 54.6 81.8
 206 23.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 44.817 ng
RT: 21.896 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

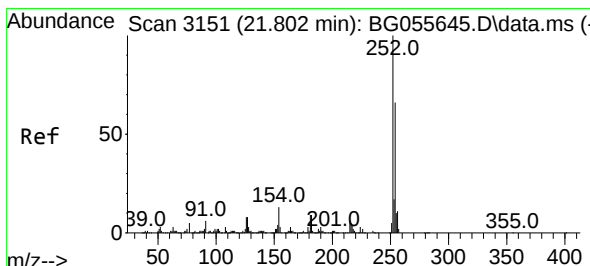
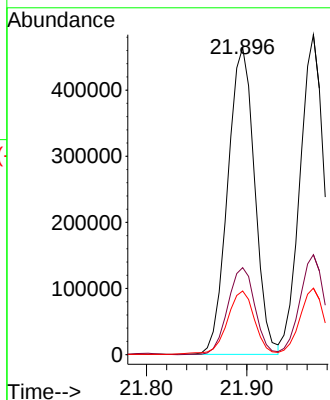
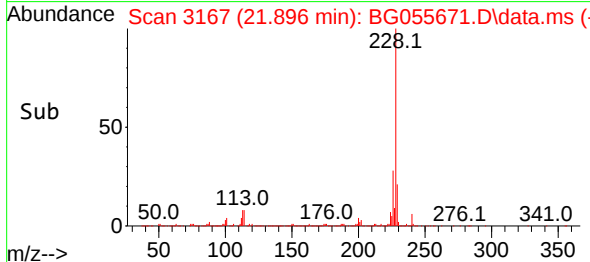
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion:228 Resp: 864648
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.7 16.5 24.7

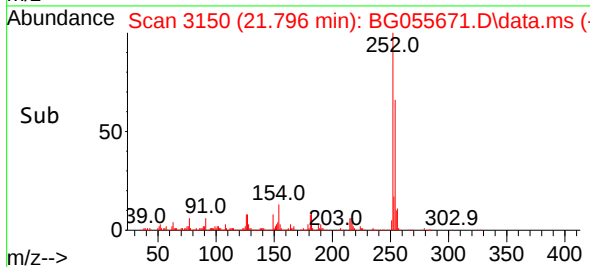
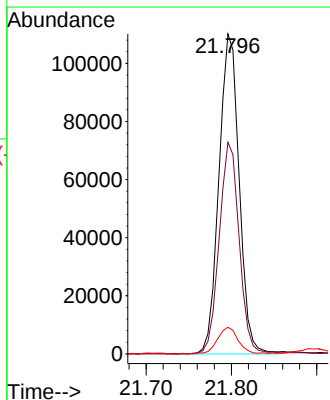
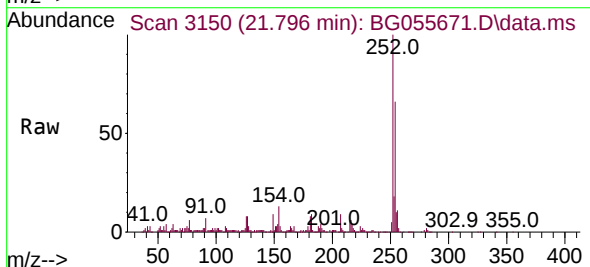
Manual Integrations
APPROVED

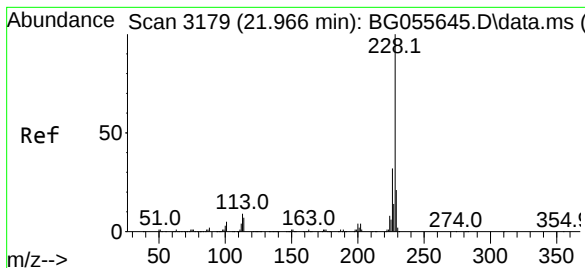
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#82
3,3'-Dichlorobenzidine
Concen: 26.717 ng
RT: 21.796 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:252 Resp: 181119
Ion Ratio Lower Upper
252 100
254 66.1 53.0 79.6
126 8.4 6.7 10.1





#83

Chrysene

Concen: 43.799 ng

RT: 21.966 min Scan# 3179

Delta R.T. 0.000 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Instrument :

BNA_G

ClientSampleId :

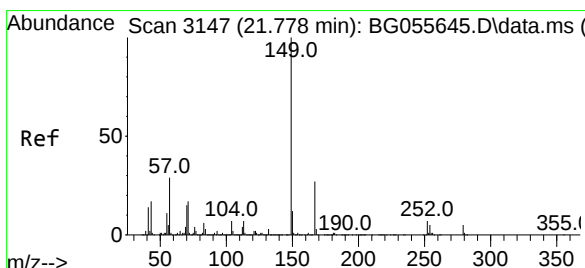
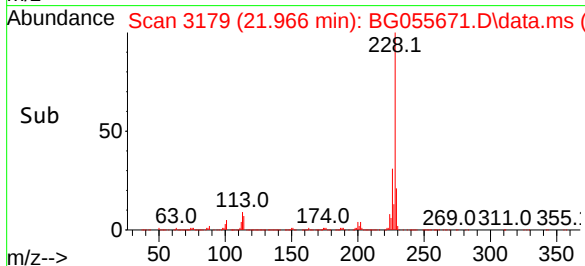
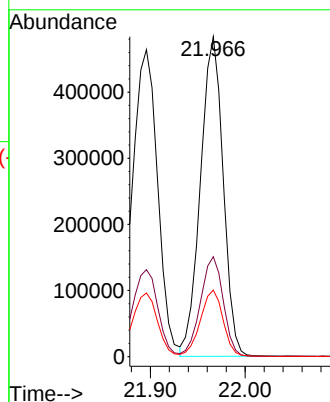
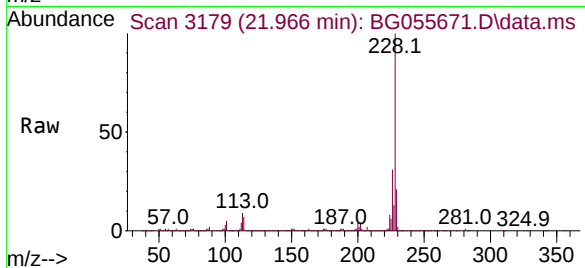
WC-D2(7-9)MSD

Tgt Ion:	228	Resp:	80445
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.4	38.2
229	20.8	17.1	25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.107 ng

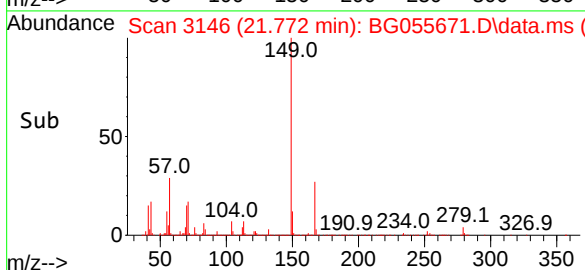
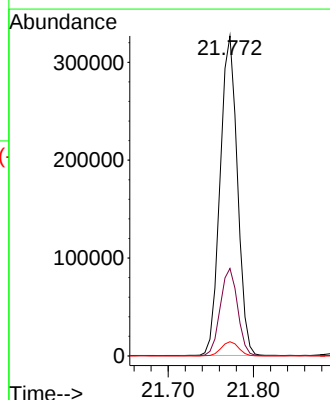
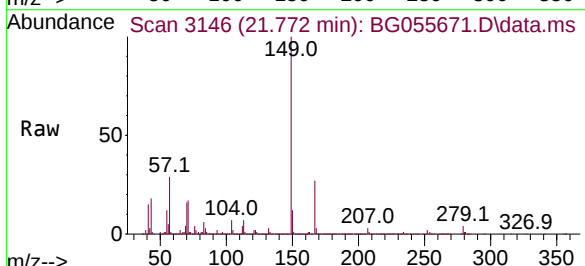
RT: 21.772 min Scan# 3146

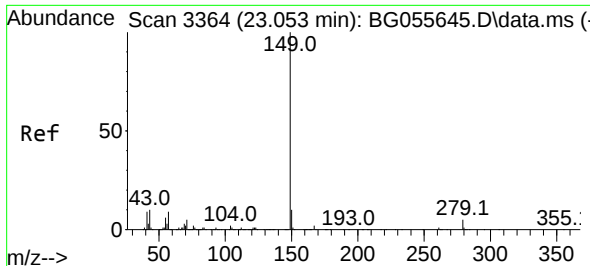
Delta R.T. -0.006 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

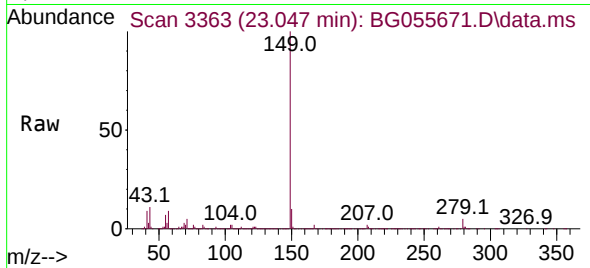
Tgt Ion:	149	Resp:	459832
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.0	33.0
279	4.4	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 42.599 ng
RT: 23.047 min Scan# 3364
Delta R.T. -0.006 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

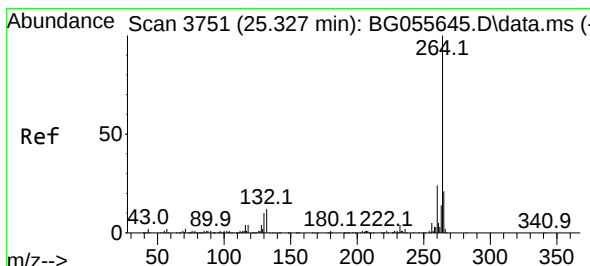
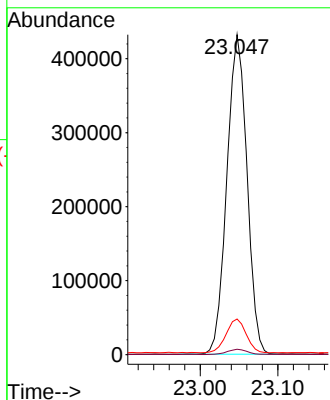
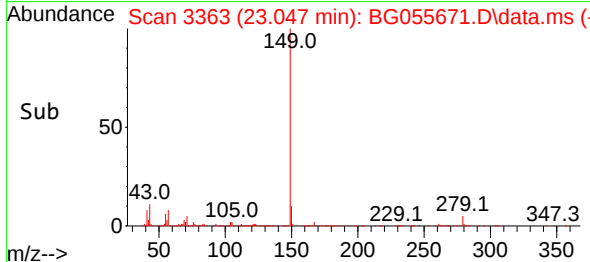
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion:149 Resp: 777656
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 8.4 12.6

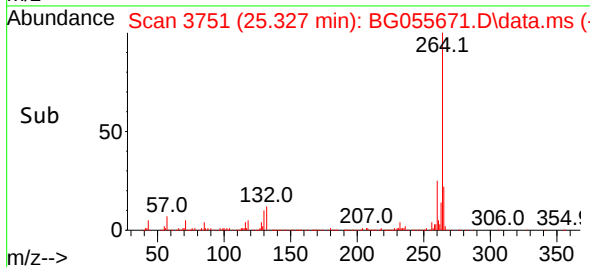
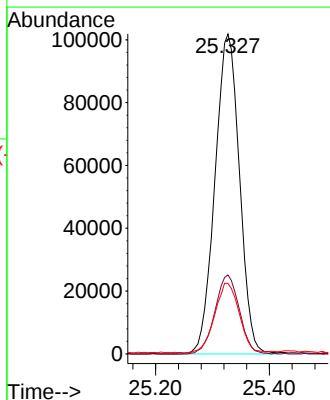
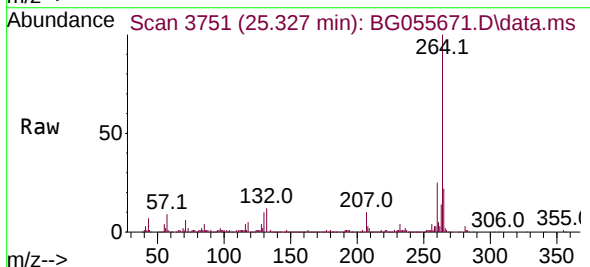
Manual Integrations
APPROVED

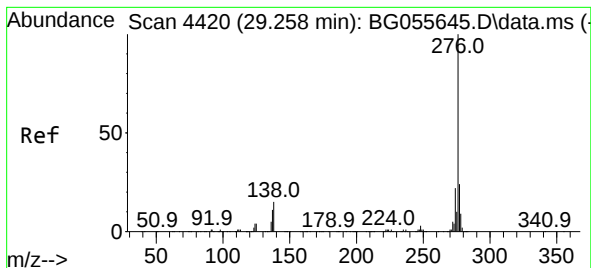
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3751
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:264 Resp: 304248
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.360 ng

RT: 29.264 min Scan# 4421

Delta R.T. 0.006 min

Lab File: BG055671.D

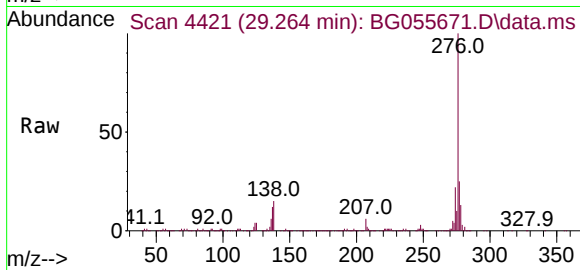
Acq: 17 Nov 2022 18:38

Instrument :

BNA_G

ClientSampleId :

WC-D2(7-9)MSD



Tgt Ion:276 Resp: 1005960

Ion Ratio Lower Upper

276 100

138 12.7 10.4 15.6

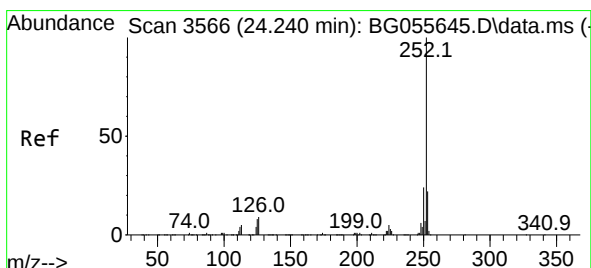
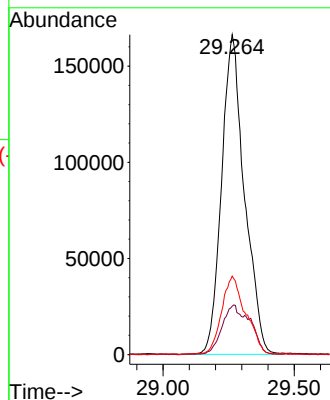
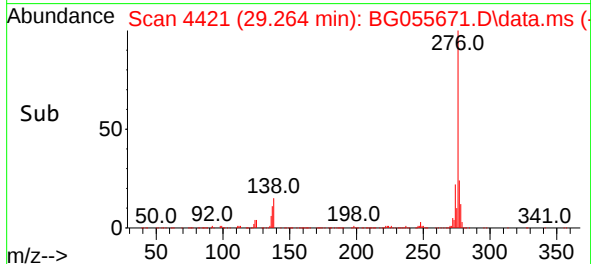
277 25.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#88

Benzo(b)fluoranthene

Concen: 46.322 ng

RT: 24.240 min Scan# 3566

Delta R.T. 0.000 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

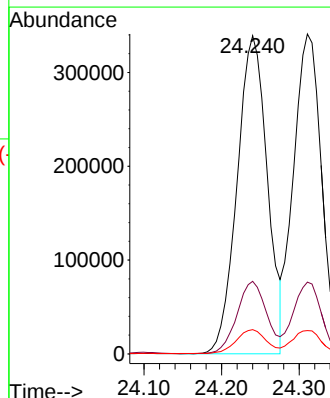
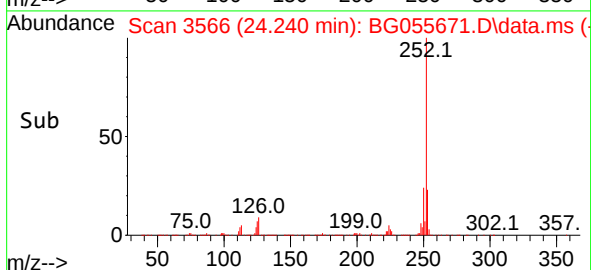
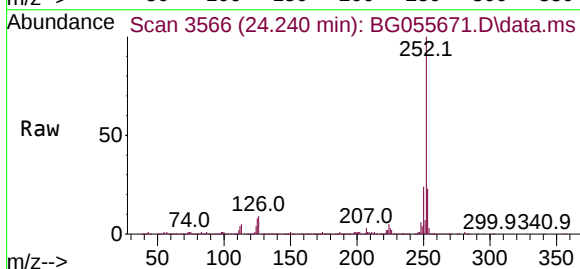
Tgt Ion:252 Resp: 917833

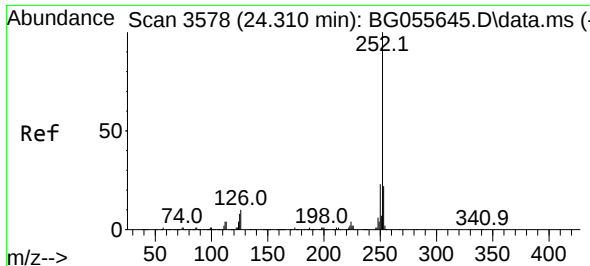
Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

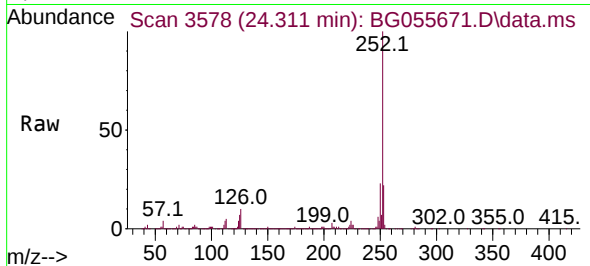
125 7.6 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 43.073 ng
RT: 24.311 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

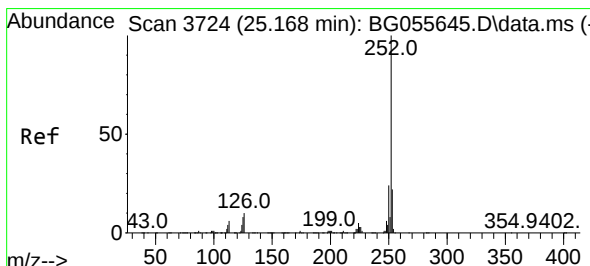
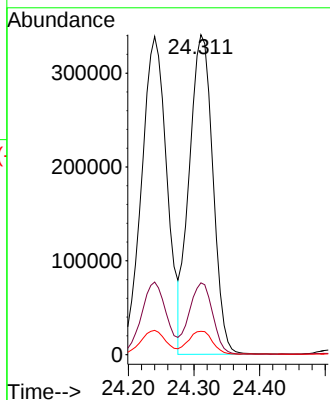
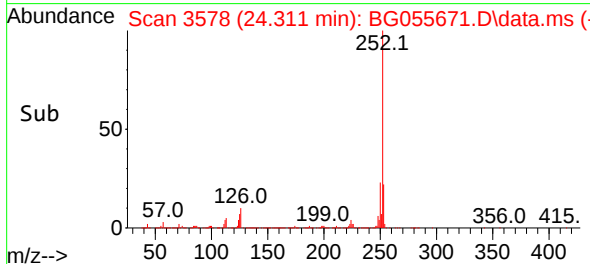
Instrument :
BNA_G
ClientSampleId :
WC-D2(7-9)MSD



Tgt Ion:252 Resp: 850739
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 7.3 6.1 9.1

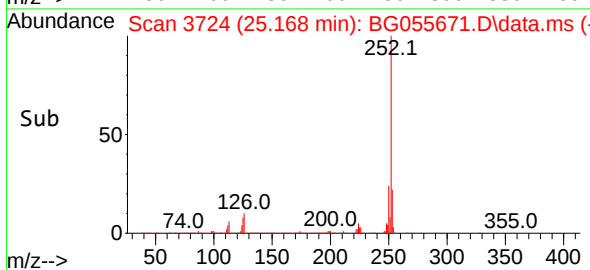
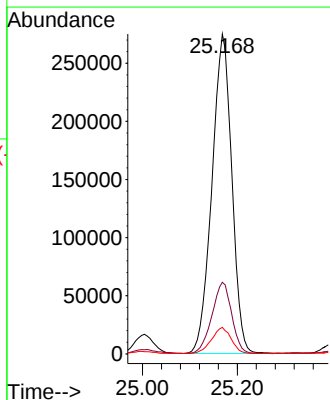
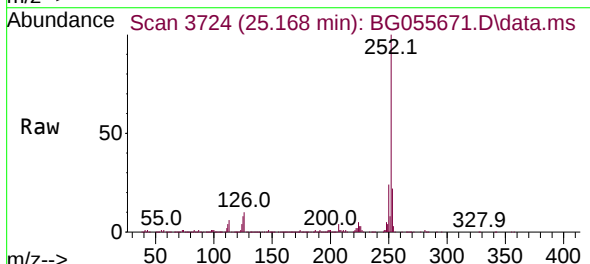
Manual Integrations
APPROVED

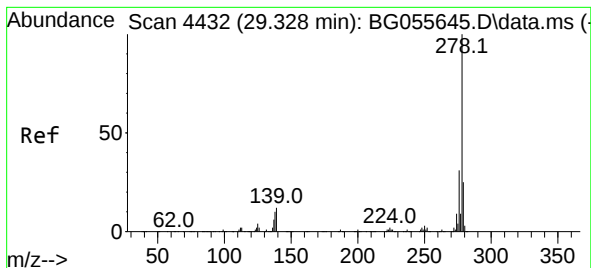
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#90
Benzo(a)pyrene
Concen: 46.990 ng
RT: 25.168 min Scan# 3724
Delta R.T. 0.000 min
Lab File: BG055671.D
Acq: 17 Nov 2022 18:38

Tgt Ion:252 Resp: 798987
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.3 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 40.242 ng

RT: 29.328 min Scan# 4432

Delta R.T. 0.000 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Instrument :

BNA_G

ClientSampleId :

WC-D2(7-9)MSD

Tgt Ion:278 Resp: 819649

Ion Ratio Lower Upper

278 100

139 11.7 9.8 14.8

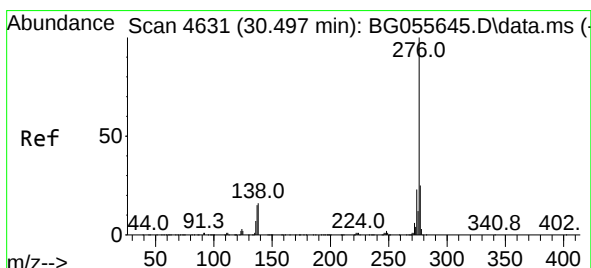
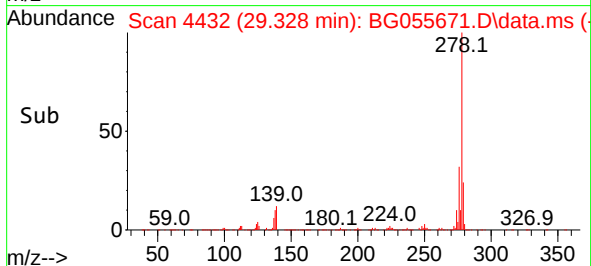
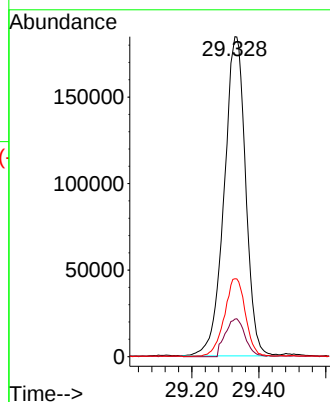
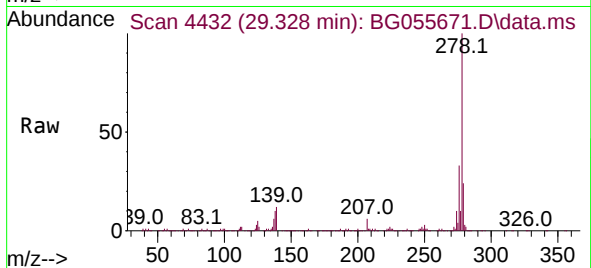
279 24.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/18/2022

Supervised By :Jagrut Upadhyay 11/18/2022



#92

Benzo(g,h,i)perylene

Concen: 41.427 ng

RT: 30.503 min Scan# 4632

Delta R.T. 0.006 min

Lab File: BG055671.D

Acq: 17 Nov 2022 18:38

Tgt Ion:276 Resp: 850437

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.6

138 16.1 13.1 19.7

