

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056611.D
 Acq On : 10 Feb 2023 18:41
 Operator : CG/JU
 Sample : 01513-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/13/2023
 Supervised By : Jagrut Upadhyay 02/13/2023

Quant Time: Feb 10 22:49:24 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 10 22:46:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	28667	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	111403	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	92007	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	235401	20.000	ng	0.00
76) Chrysene-d12	21.856	240	217119	20.000	ng	0.00
86) Perylene-d12	25.223	264	241535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	214054	137.360	ng	0.00
7) Phenol-d6	7.368	99	299943	129.904	ng	0.00
23) Nitrobenzene-d5	9.389	82	156750	79.900	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	154293	126.141	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	514221	77.486	ng	0.00
79) Terphenyl-d14	20.158	244	986851	79.830	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.501	88	25674	39.566	ng	97
3) Pyridine	3.930	79	68528	35.428	ng	96
4) n-Nitrosodimethylamine	3.842	42	17146	41.683	ng	94
6) Aniline	7.526	93	118803	39.299	ng	97
8) 2-Chlorophenol	7.773	128	84960	49.628	ng	99
9) Benzaldehyde	7.338	77	43503m	41.850	ng	
10) Phenol	7.397	94	115860	49.370	ng	99
11) bis(2-Chloroethyl)ether	7.614	93	71828	44.529	ng	97
12) 1,3-Dichlorobenzene	8.096	146	95767	48.587	ng	98
13) 1,4-Dichlorobenzene	8.249	146	96547	48.367	ng	99
14) 1,2-Dichlorobenzene	8.572	146	95967	49.552	ng	99
15) Benzyl Alcohol	8.449	79	67097	42.354	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.737	45	14281	41.784	ng	96
17) 2-Methylphenol	8.660	107	80355	45.008	ng	94
18) Hexachloroethane	9.306	117	29970	49.641	ng	96
19) n-Nitroso-di-n-propyla...	9.019	70	53799	40.432	ng	98
20) 3+4-Methylphenols	8.989	107	111371	44.513	ng	98
22) Acetophenone	9.042	105	131293	44.356	ng	# 99
24) Nitrobenzene	9.430	77	83665	44.212	ng	97
25) Isophorone	9.953	82	164237	40.579	ng	100
26) 2-Nitrophenol	10.147	139	53138	46.282	ng	96
27) 2,4-Dimethylphenol	10.200	122	93416m	48.616	ng	
28) bis(2-Chloroethoxy)met...	10.429	93	96846	43.315	ng	97
29) 2,4-Dichlorophenol	10.699	162	109673	50.707	ng	99
30) 1,2,4-Trichlorobenzene	10.905	180	118067	49.123	ng	98
31) Naphthalene	11.093	128	278789	47.414	ng	99
32) Benzoic acid	10.358	122	29396m	27.344	ng	
33) 4-Chloroaniline	11.204	127	89244	32.515	ng	98
34) Hexachlorobutadiene	11.363	225	80669	47.815	ng	98
35) Caprolactam	11.980	113	32088m	43.989	ng	
36) 4-Chloro-3-methylphenol	12.321	107	101256	48.477	ng	96
37) 2-Methylnaphthalene	12.685	142	219325	45.245	ng	99
38) 1-Methylnaphthalene	12.902	142	199605	44.090	ng	98
40) 1,2,4,5-Tetrachloroben...	13.049	216	163519	48.647	ng	100
41) Hexachlorocyclopentadiene	13.020	237	85510	50.539	ng	99
43) 2,4,6-Trichlorophenol	13.290	196	104007	48.015	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
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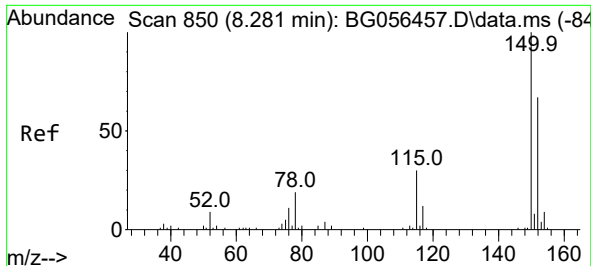
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.372	196	114438	45.123	ng	98
46) 1,1'-Biphenyl	13.678	154	308917	46.290	ng	98
47) 2-Chloronaphthalene	13.725	162	253186	48.538	ng	99
48) 2-Nitroaniline	13.930	65	48777	45.234	ng	97
49) Acenaphthylene	14.565	152	390982	46.070	ng	99
50) Dimethylphthalate	14.283	163	319786	42.961	ng	100
51) 2,6-Dinitrotoluene	14.412	165	72430	44.619	ng	98
52) Acenaphthene	14.906	154	236148	46.923	ng	99
53) 3-Nitroaniline	14.747	138	61280	38.939	ng	95
54) 2,4-Dinitrophenol	14.964	184	67428	66.257	ng	97
55) Dibenzofuran	15.235	168	417547	46.263	ng	99
56) 4-Nitrophenol	15.070	139	94921	88.272	ng	97
57) 2,4-Dinitrotoluene	15.205	165	106192	46.443	ng	97
58) Fluorene	15.881	166	337836	47.041	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.464	232	101411	44.973	ng	98
60) Diethylphthalate	15.634	149	304074	43.503	ng	100
61) 4-Chlorophenyl-phenyle...	15.863	204	201283	45.931	ng	98
62) 4-Nitroaniline	15.910	138	68875	43.738	ng	99
63) Azobenzene	16.157	77	258215	53.689	ng	99
65) 4,6-Dinitro-2-methylph...	15.969	198	60635	36.638	ng	97
66) n-Nitrosodiphenylamine	16.081	169	306646	46.009	ng	98
67) 4-Bromophenyl-phenylether	16.757	248	137002	45.462	ng	99
68) Hexachlorobenzene	16.886	284	145909	49.435	ng	99
69) Atrazine	17.015	200	126962	49.378	ng	100
70) Pentachlorophenol	17.238	266	107688	60.298	ng	98
71) Phenanthrene	17.620	178	588411	47.759	ng	99
72) Anthracene	17.714	178	586579	46.380	ng	99
73) Carbazole	17.985	167	507710	47.134	ng	99
74) Di-n-butylphthalate	18.507	149	521605	46.118	ng	99
75) Fluoranthene	19.618	202	734466	47.233	ng	100
77) Benzidine	19.788	184	323906	55.128	ng	99
78) Pyrene	19.976	202	743200	48.129	ng	99
80) Butylbenzylphthalate	20.828	149	216408	45.888	ng	99
81) Benzo(a)anthracene	21.839	228	718459	47.332	ng	99
82) 3,3'-Dichlorobenzidine	21.739	252	228151	41.739	ng	98
83) Chrysene	21.903	228	672064	47.128	ng	100
84) Bis(2-ethylhexyl)phtha...	21.692	149	341969	50.576	ng	98
85) Di-n-octyl phthalate	22.943	149	519327	46.121	ng	100
87) Indeno(1,2,3-cd)pyrene	29.113	276	854487	48.329	ng	# 90
88) Benzo(b)fluoranthene	24.148	252	748899	49.954	ng	99
89) Benzo(k)fluoranthene	24.218	252	729567	48.200	ng	99
90) Benzo(a)pyrene	25.070	252	662314	44.848	ng	97
91) Dibenzo(a,h)anthracene	29.166	278	707155	47.649	ng	97
92) Benzo(g,h,i)perylene	30.341	276	694573	48.503	ng	100

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

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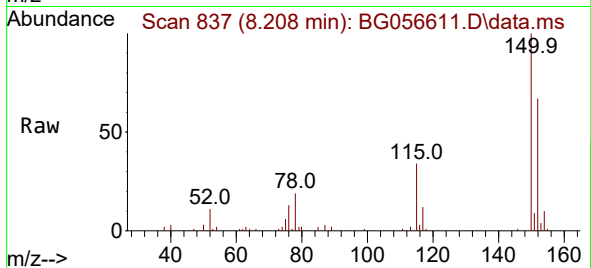
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

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VNJ-208MSD

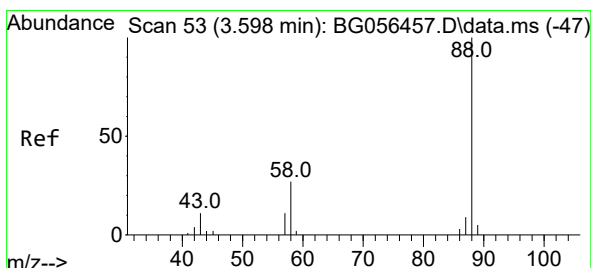
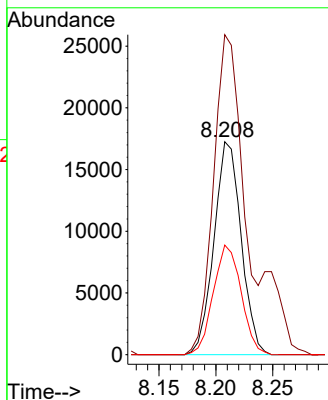
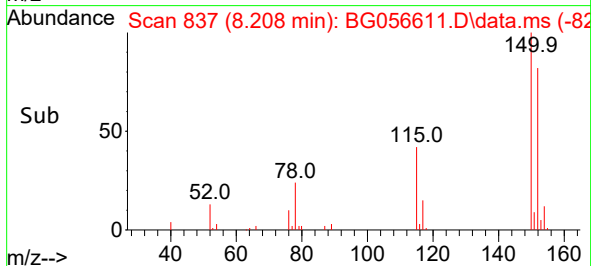


Tgt Ion:152 Resp: 2866
Ion Ratio Lower Upper
152 100
150 150.3 120.2 180.4
115 51.5 36.3 54.5

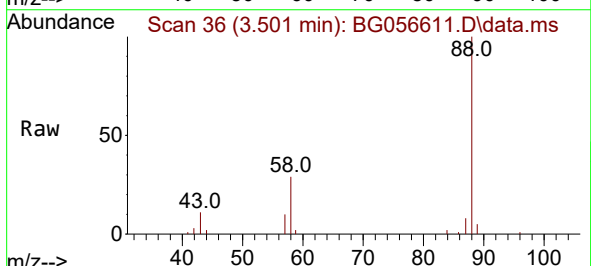
Manual Integrations

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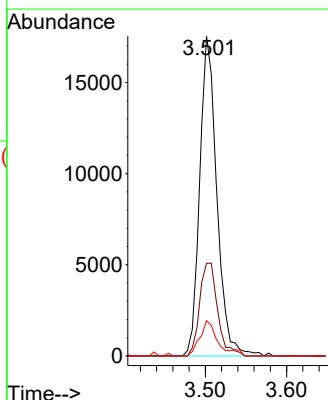
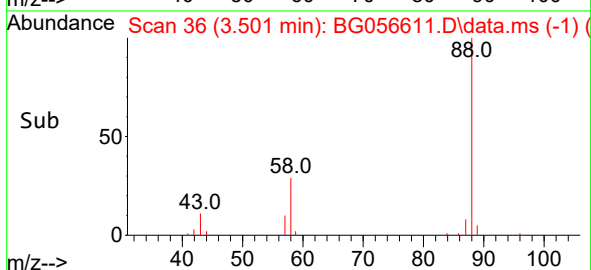
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

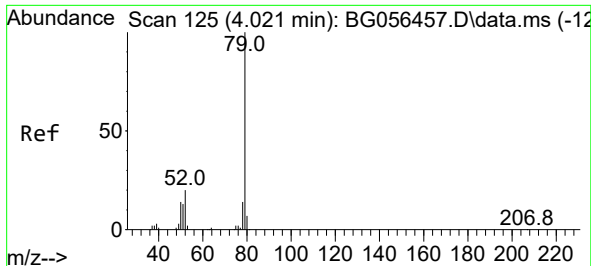


#2
1,4-Dioxane
Concen: 39.566 ng
RT: 3.501 min Scan# 36
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



Tgt Ion: 88 Resp: 25674
Ion Ratio Lower Upper
88 100
58 30.4 23.0 34.4
43 11.6 8.0 12.0





#3
 Pyridine
 Concen: 35.428 ng
 RT: 3.930 min Scan# 109
 Delta R.T. 0.000 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

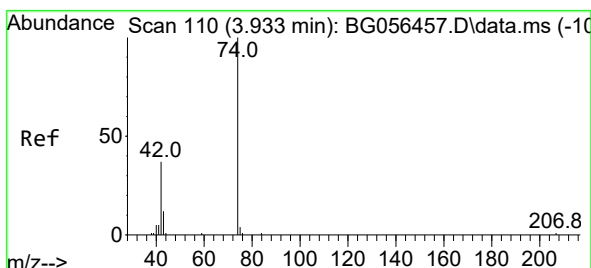
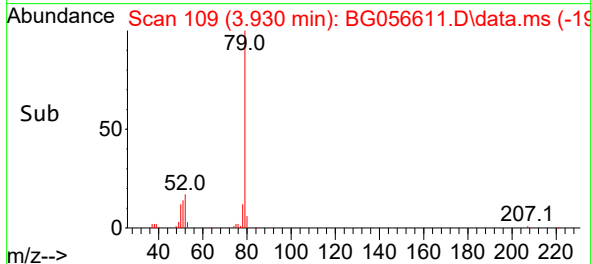
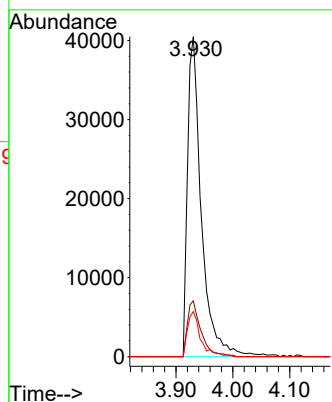
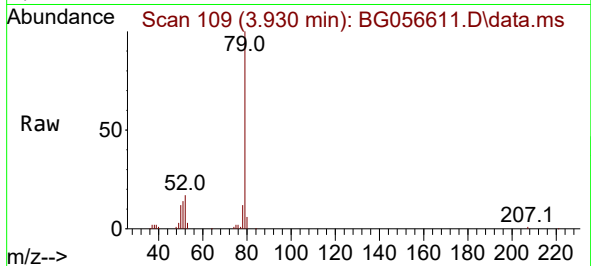
ClientSampleId :

VNJ-208MSD

Tgt Ion: 79 Resp: 68528
 Ion Ratio Lower Upper
 79 100
 52 17.4 16.1 24.1
 51 14.1 10.7 16.1

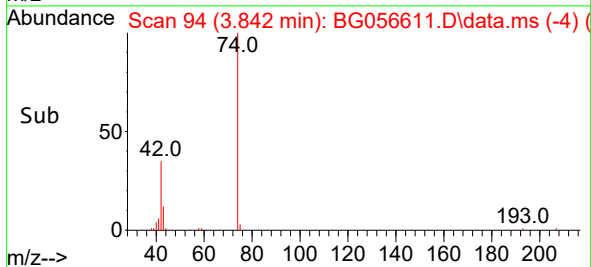
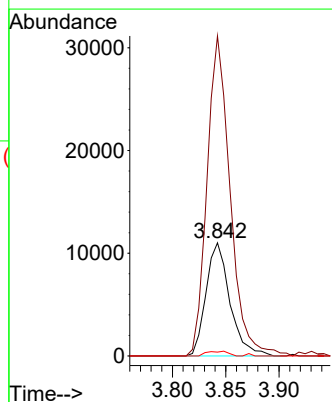
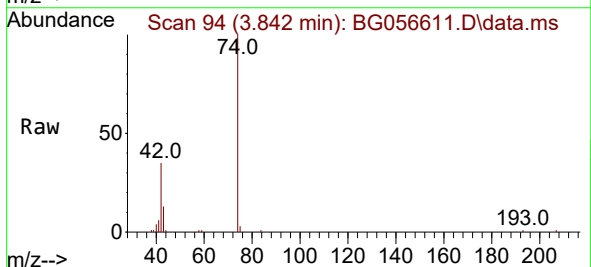
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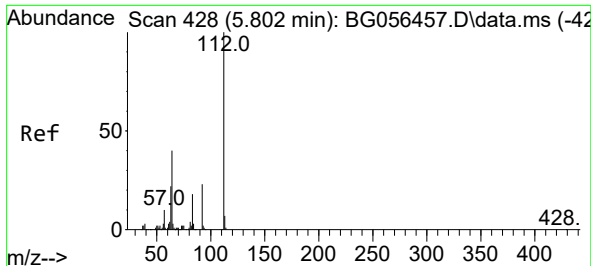
Reviewed By :Christian Giraldo 02/13/2023
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#4
 n-Nitrosodimethylamine
 Concen: 41.683 ng
 RT: 3.842 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

Tgt Ion: 42 Resp: 17146
 Ion Ratio Lower Upper
 42 100
 74 283.0 217.9 326.9
 44 3.3 3.0 4.6





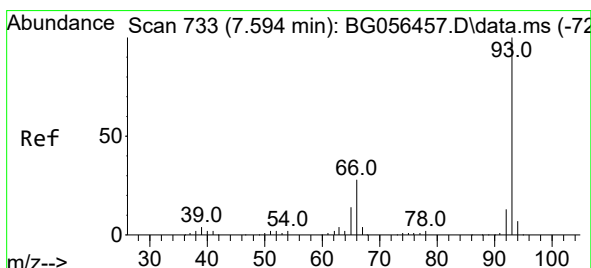
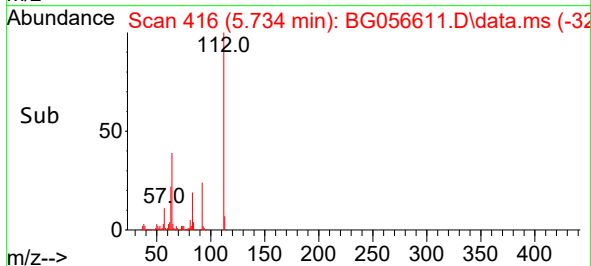
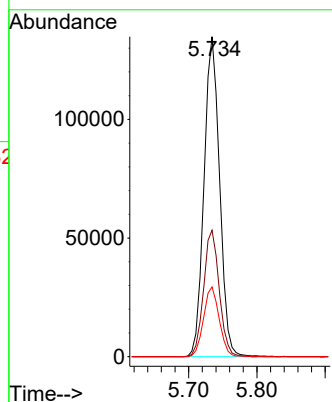
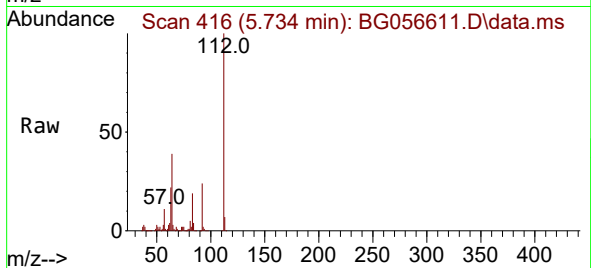
#5
2-Fluorophenol
Concen: 137.360 ng
RT: 5.734 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

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ClientSampleId :
VNJ-208MSD

Tgt Ion:112 Resp: 214054
Ion Ratio Lower Upper
112 100
64 39.5 31.9 47.9
63 21.8 17.4 26.0

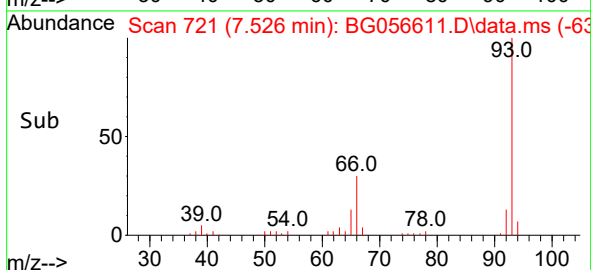
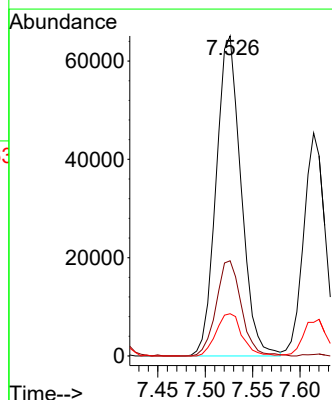
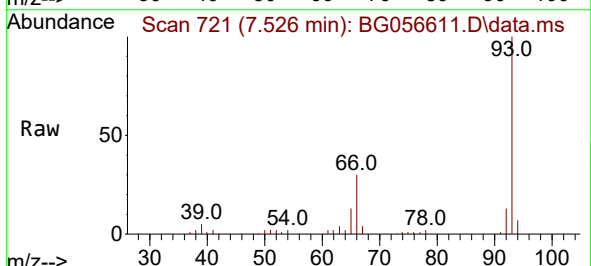
Manual Integrations
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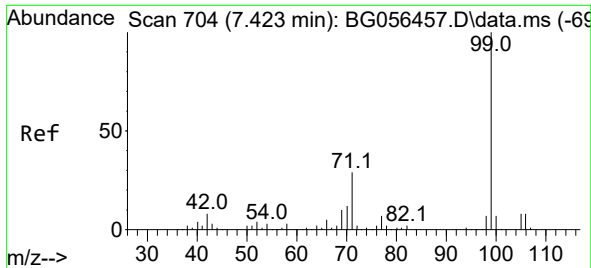
Reviewed By :Christian Giraldo 02/13/2023
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#6
Aniline
Concen: 39.299 ng
RT: 7.526 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion: 93 Resp: 118803
Ion Ratio Lower Upper
93 100
66 29.7 22.2 33.2
65 13.2 11.3 16.9





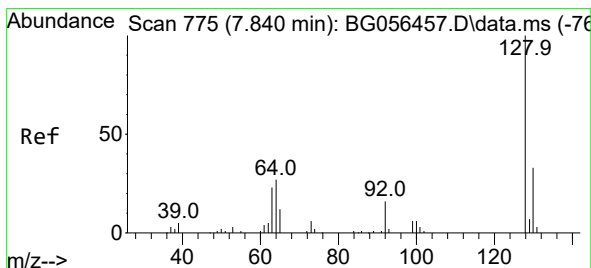
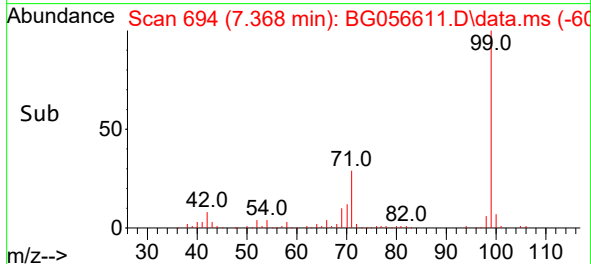
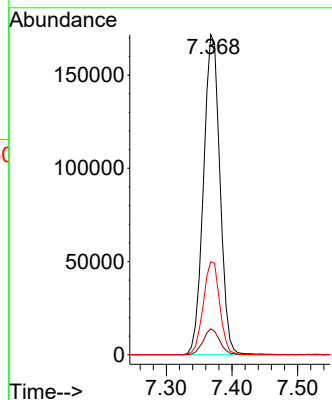
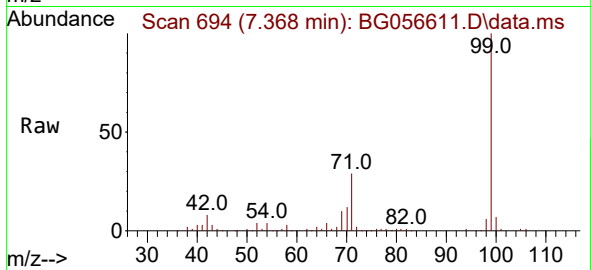
#7
Phenol-d6
Concen: 129.904 ng
RT: 7.368 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :
BNA_G
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VNJ-208MSD

Tgt Ion: 99 Resp: 29994
Ion Ratio Lower Upper
99 100
42 8.1 6.6 10.0
71 29.0 23.4 35.0

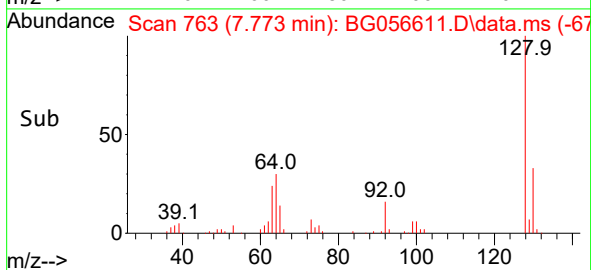
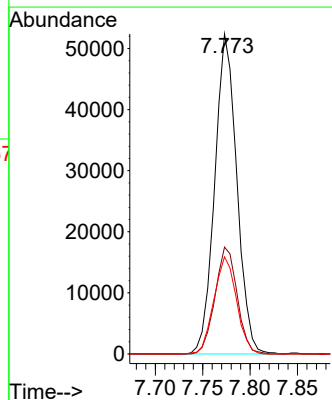
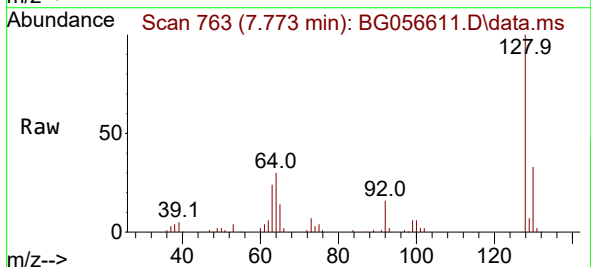
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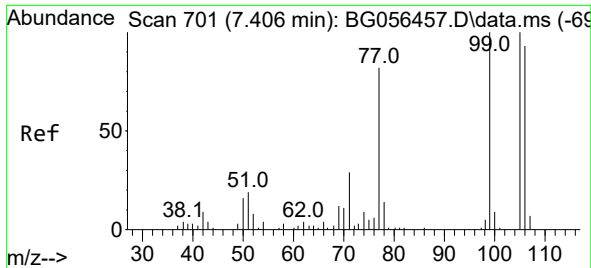
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#8
2-Chlorophenol
Concen: 49.628 ng
RT: 7.773 min Scan# 763
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:128 Resp: 84960
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 30.3 11.3 51.3





#9
Benzaldehyde
Concen: 41.850 ng m
RT: 7.338 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

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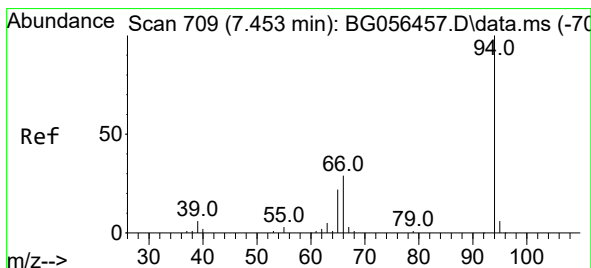
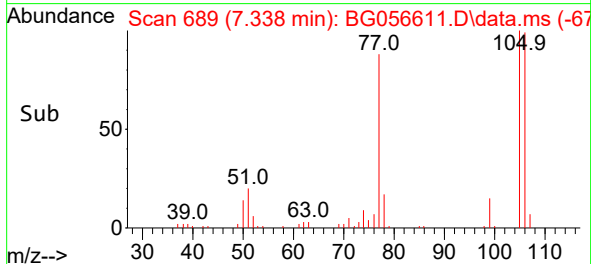
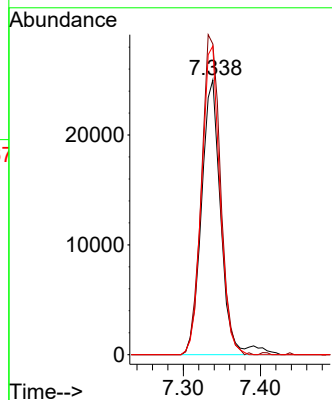
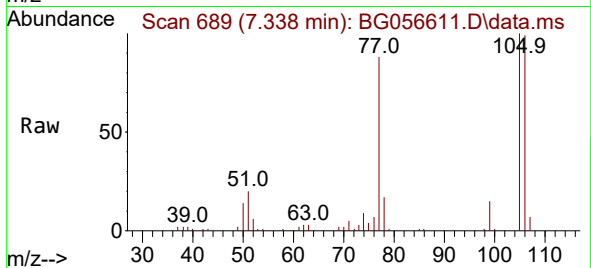
VNJ-208MSD

Tgt Ion: 77 Resp: 4350
Ion Ratio Lower Upper
77 100
105 113.1 101.8 141.8
106 112.3 93.0 133.0

Manual Integrations

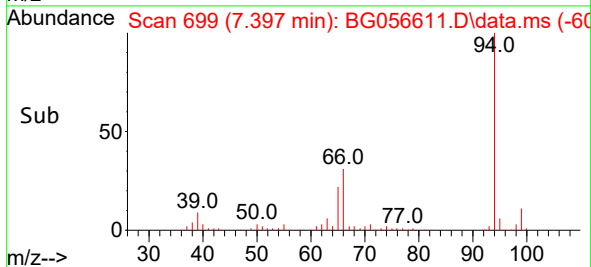
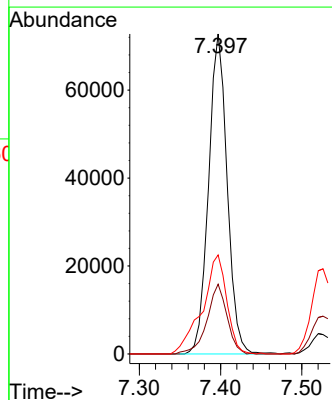
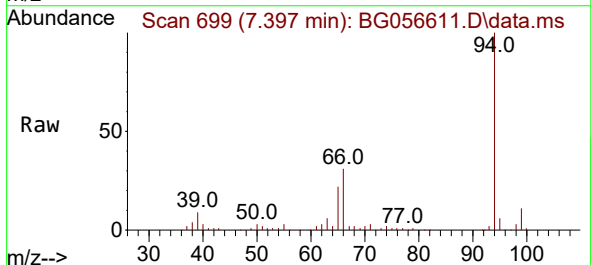
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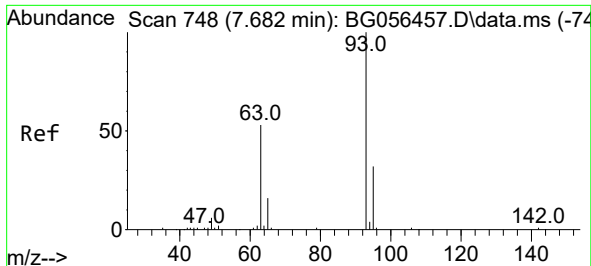
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#10
Phenol
Concen: 49.370 ng
RT: 7.397 min Scan# 699
Delta R.T. 0.006 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion: 94 Resp: 115860
Ion Ratio Lower Upper
94 100
65 21.8 2.3 42.3
66 31.0 11.2 51.2





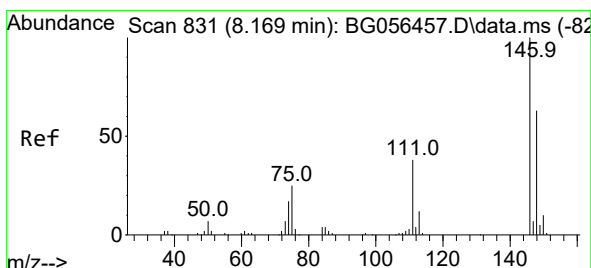
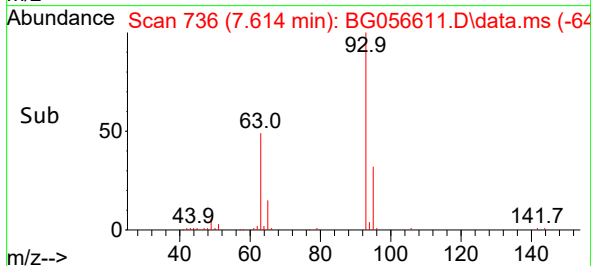
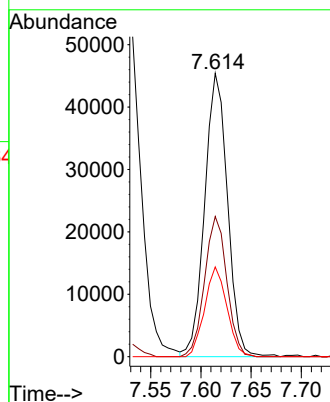
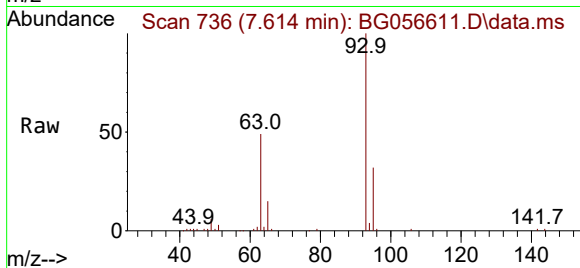
#11
bis(2-Chloroethyl)ether
Concen: 44.529 ng
RT: 7.614 min Scan# 71828
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Tgt Ion: 93 Resp: 71828
Ion Ratio Lower Upper
93 100
63 49.5 32.4 72.4
95 31.7 11.8 51.8

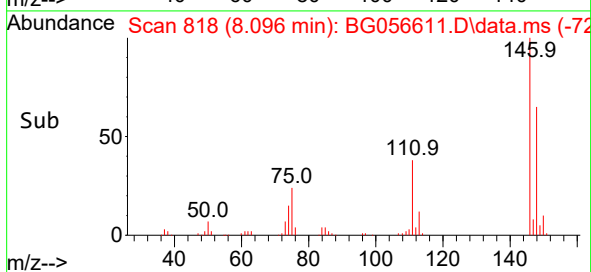
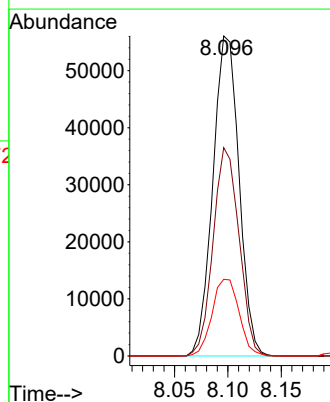
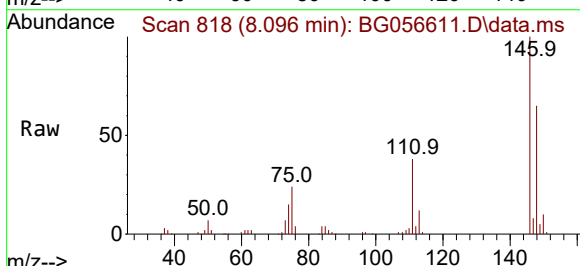
Manual Integrations
APPROVED

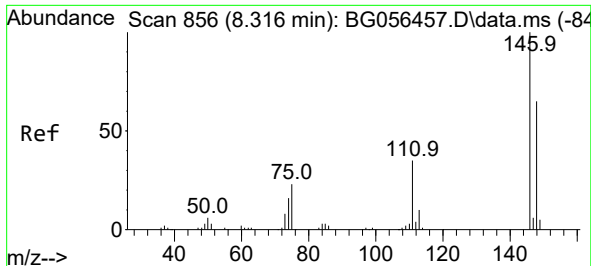
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#12
1,3-Dichlorobenzene
Concen: 48.587 ng
RT: 8.096 min Scan# 818
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:146 Resp: 95767
Ion Ratio Lower Upper
146 100
148 65.1 50.6 75.8
75 23.9 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 48.367 ng

RT: 8.249 min Scan# 84

Delta R.T. 0.006 min

Lab File: BG056611.D

Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:146 Resp: 9654

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

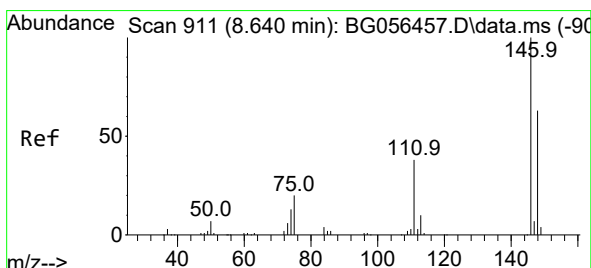
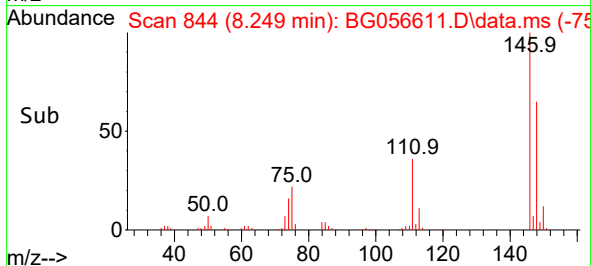
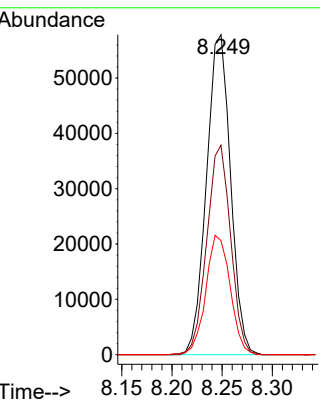
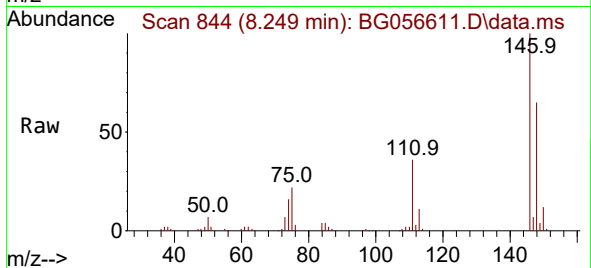
111 35.7 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#14

1,2-Dichlorobenzene

Concen: 49.552 ng

RT: 8.572 min Scan# 899

Delta R.T. 0.000 min

Lab File: BG056611.D

Acq: 10 Feb 2023 18:41

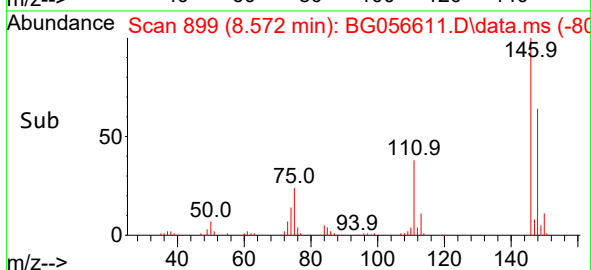
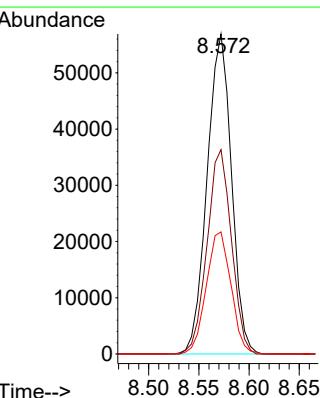
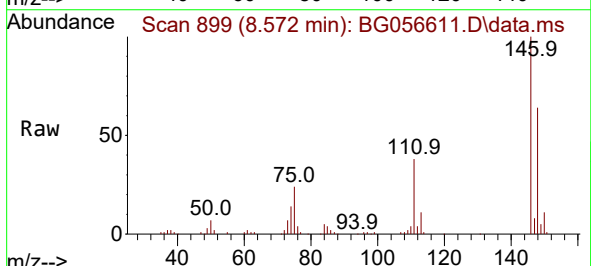
Tgt Ion:146 Resp: 95967

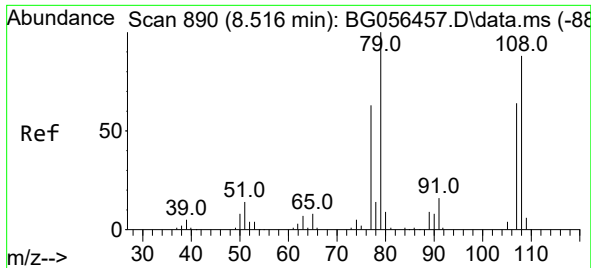
Ion Ratio Lower Upper

146 100

148 63.9 50.1 75.1

111 38.1 30.9 46.3





#15
Benzyl Alcohol
Concen: 42.354 ng
RT: 8.449 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

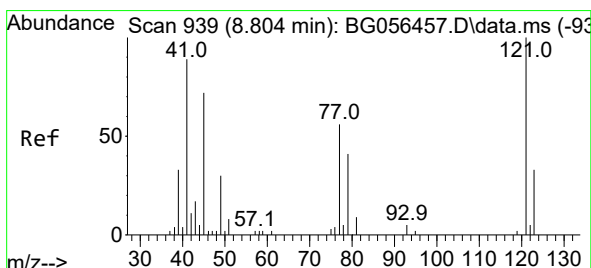
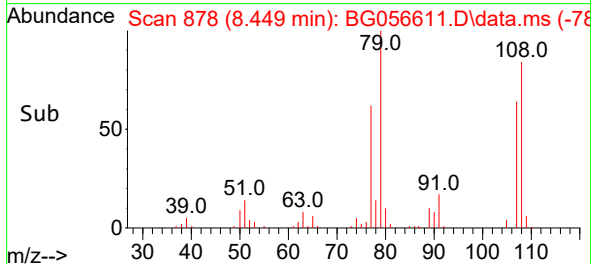
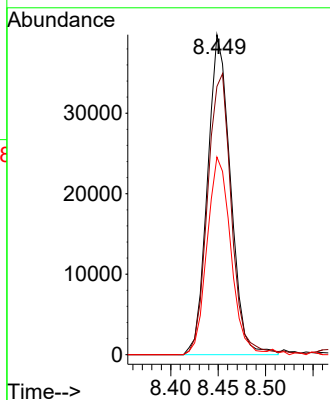
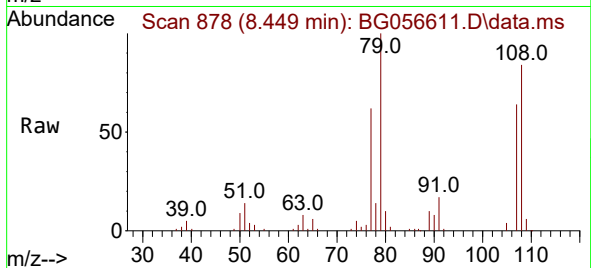
ClientSampleId :

VNJ-208MSD

Tgt Ion: 79 Resp: 6709
Ion Ratio Lower Upper
79 100
108 83.8 70.1 105.1
77 61.7 50.3 75.5

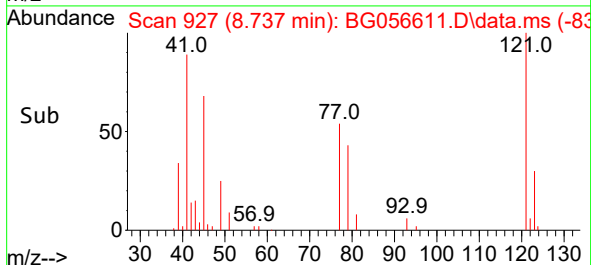
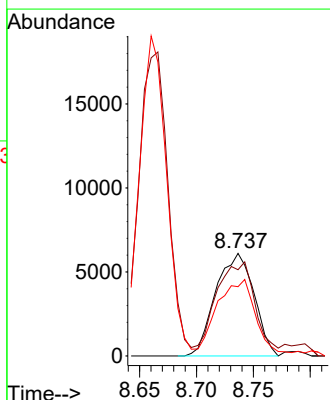
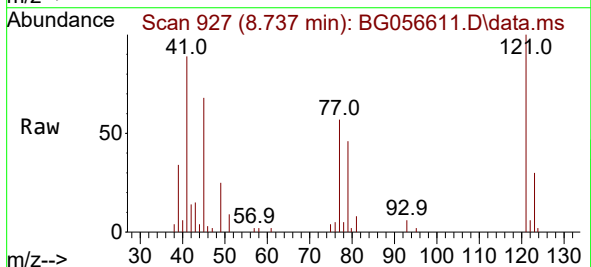
Manual Integrations
APPROVED

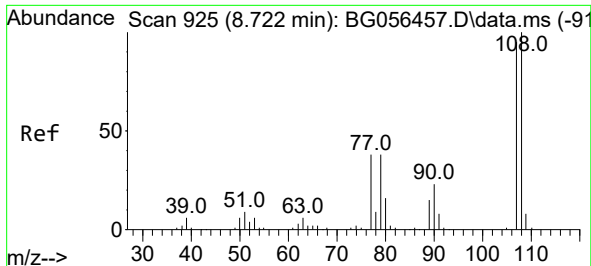
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.784 ng
RT: 8.737 min Scan# 927
Delta R.T. 0.012 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

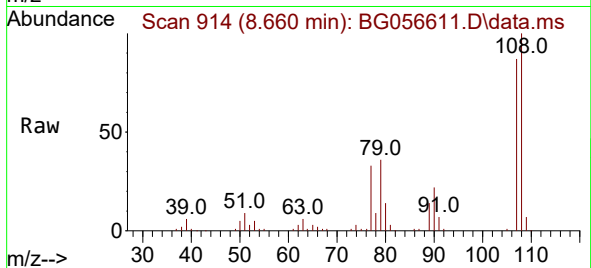
Tgt Ion: 45 Resp: 14281
Ion Ratio Lower Upper
45 100
77 84.0 62.1 102.1
79 67.5 42.7 82.7





#17
2-Methylphenol
Concen: 45.008 ng
RT: 8.660 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

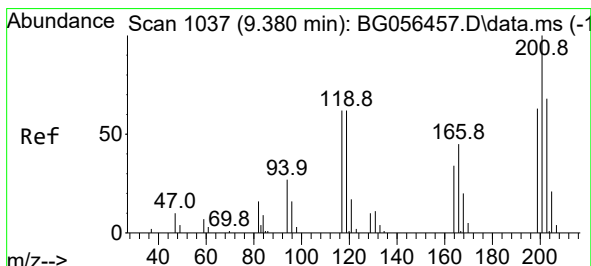
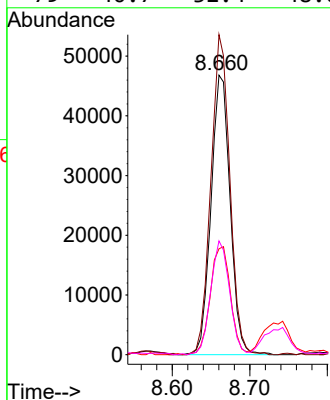
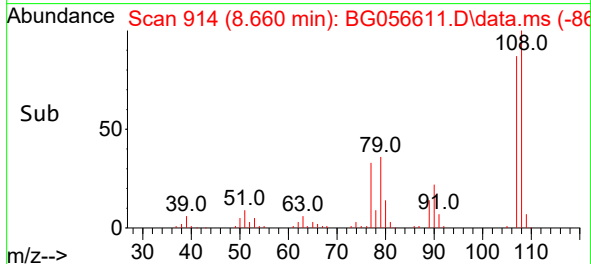
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:107 Resp: 8035
Ion Ratio Lower Upper
107 100
108 114.5 83.9 125.9
77 37.9 31.6 47.4
79 40.7 32.4 48.6

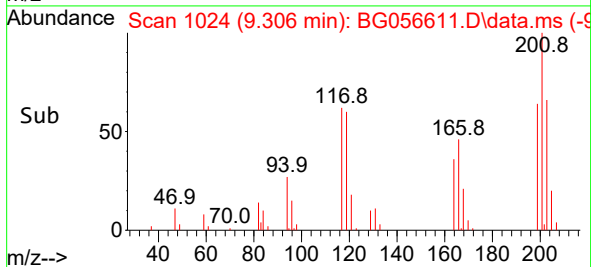
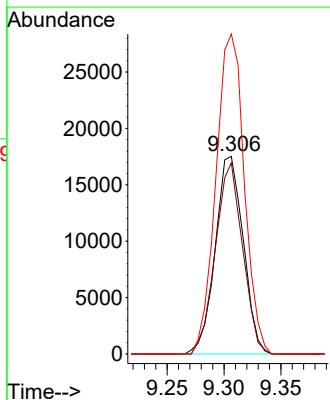
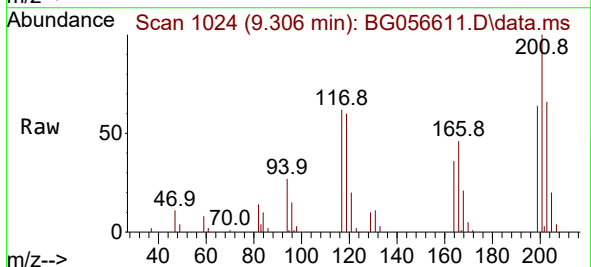
Manual Integrations
APPROVED

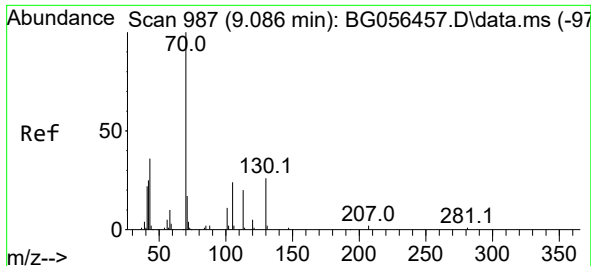
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#18
Hexachloroethane
Concen: 49.641 ng
RT: 9.306 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

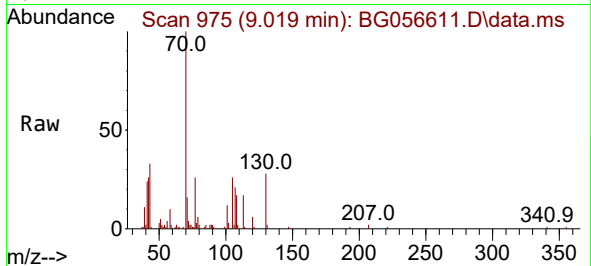
Tgt Ion:117 Resp: 29970
Ion Ratio Lower Upper
117 100
119 96.7 79.4 119.0
201 166.8 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.432 ng
RT: 9.019 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

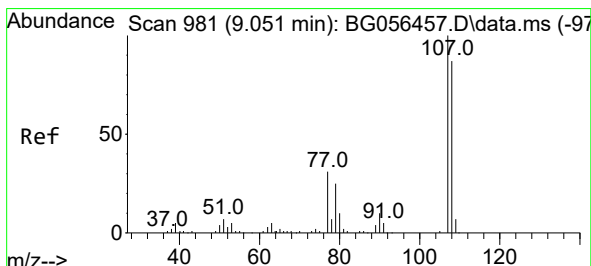
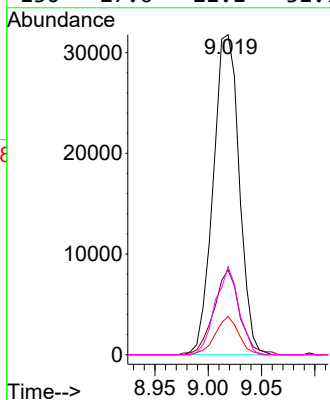
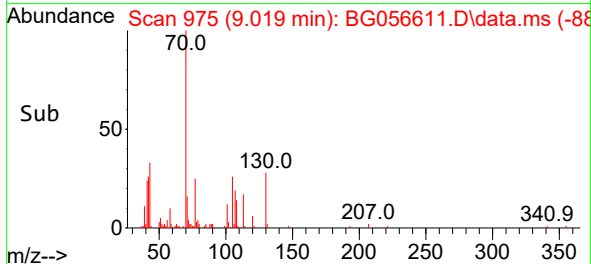
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion: 70 Resp: 53795
Ion Ratio Lower Upper
70 100
42 26.5 20.2 30.4
101 12.0 9.1 13.7
130 27.6 21.1 31.7

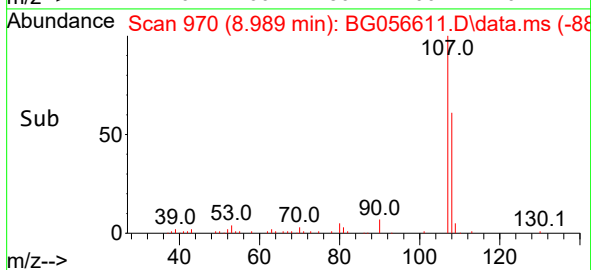
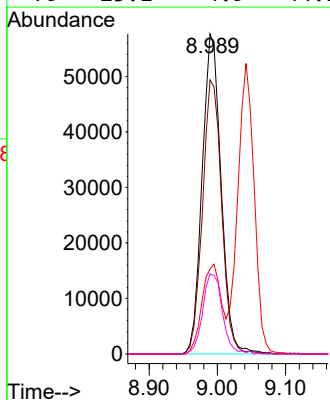
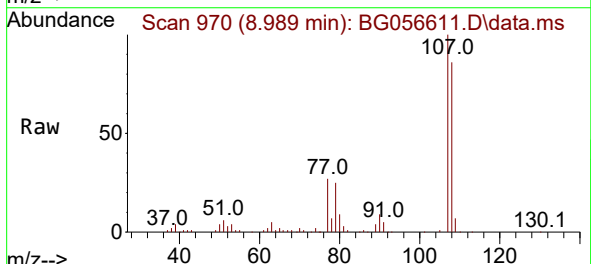
Manual Integrations
APPROVED

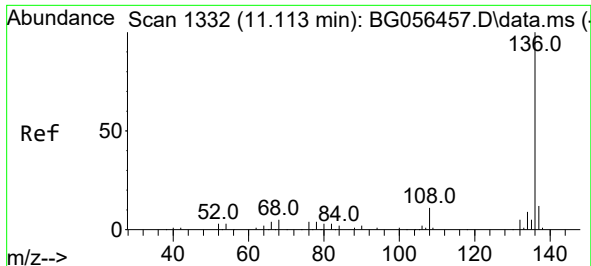
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#20
3+4-Methylphenols
Concen: 44.513 ng
RT: 8.989 min Scan# 970
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:107 Resp: 111371
Ion Ratio Lower Upper
107 100
108 85.7 66.7 106.7
77 26.6 10.6 50.6
79 25.1 4.9 44.9





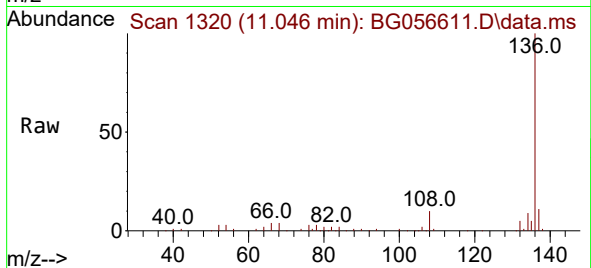
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 11140
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

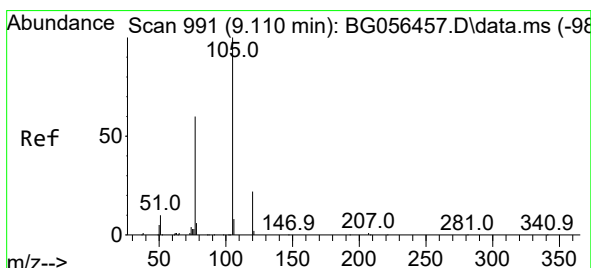
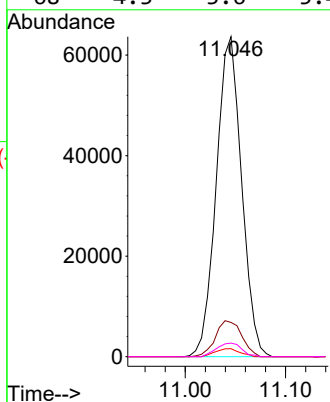
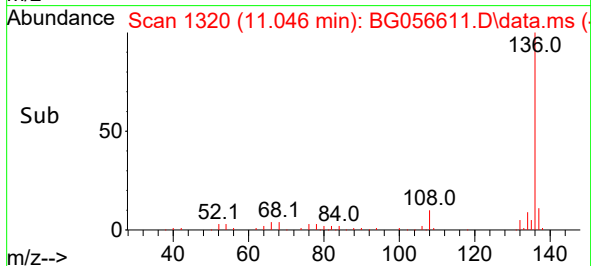


Tgt Ion:136 Resp: 11140
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 2.5 2.2 3.4
68 4.3 3.6 5.4

Manual Integrations

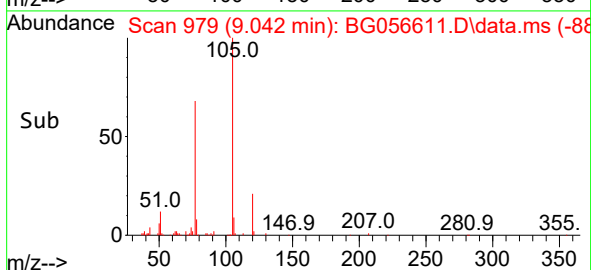
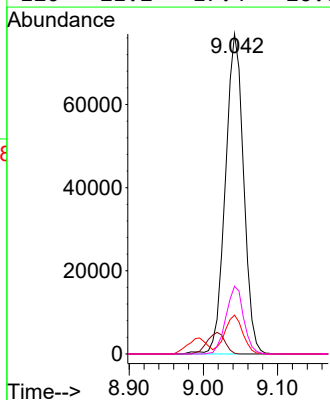
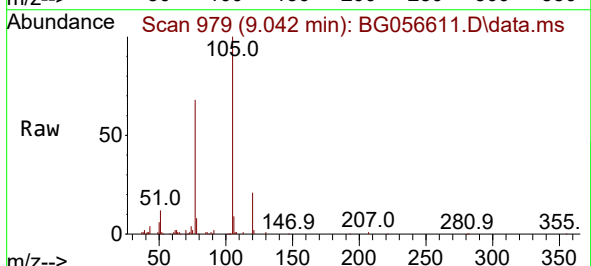
APPROVED

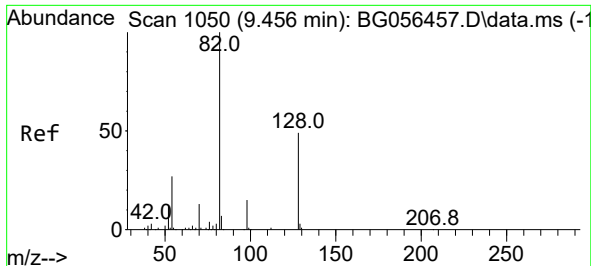
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#22
Acetophenone
Concen: 44.356 ng
RT: 9.042 min Scan# 979
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:105 Resp: 131293
Ion Ratio Lower Upper
105 100
71 0.3 0.6 0.8#
51 12.1 9.2 13.8
120 21.2 17.4 26.0





#23
Nitrobenzene-d5
Concen: 79.900 ng
RT: 9.389 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

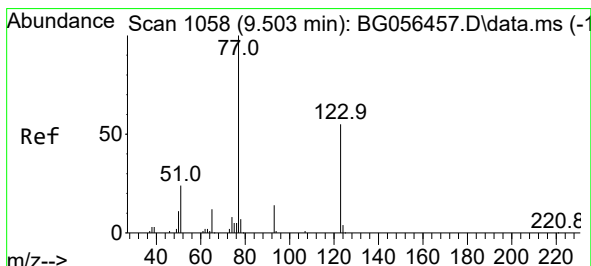
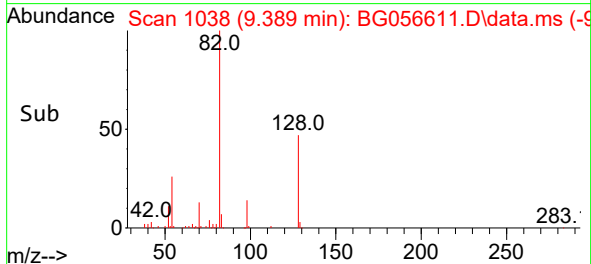
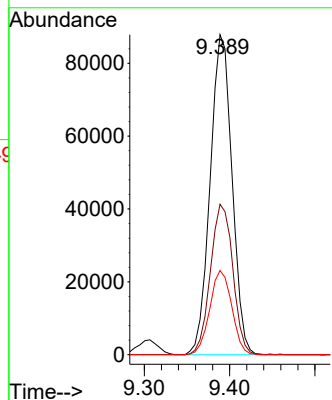
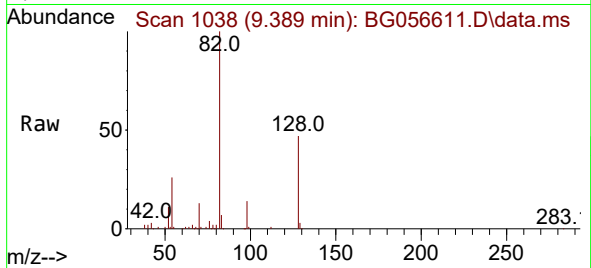
VNJ-208MSD

Tgt Ion: 82 Resp: 156750
Ion Ratio Lower Upper
82 100
128 47.0 39.4 59.2
54 26.3 21.4 32.2

Manual Integrations

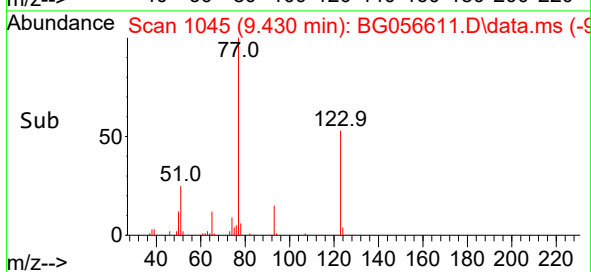
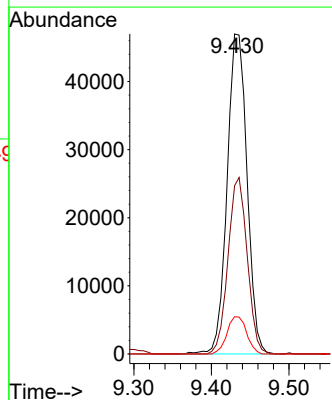
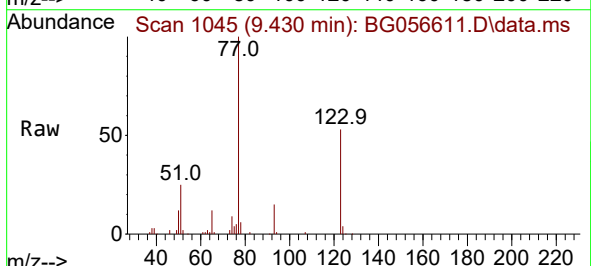
APPROVED

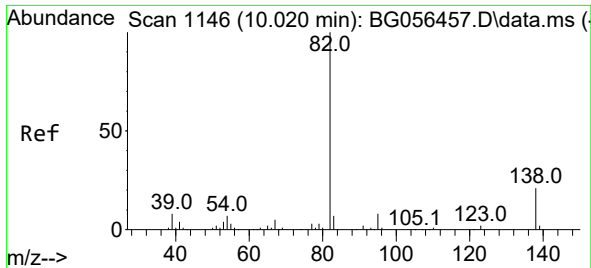
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#24
Nitrobenzene
Concen: 44.212 ng
RT: 9.430 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion: 77 Resp: 83665
Ion Ratio Lower Upper
77 100
123 52.6 44.0 66.0
65 11.7 9.7 14.5





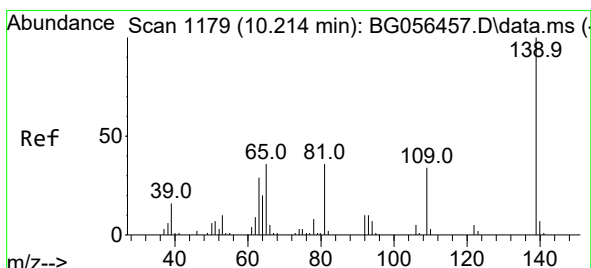
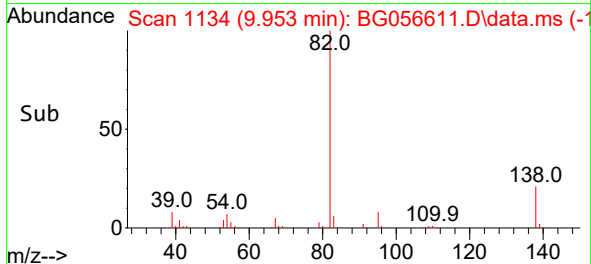
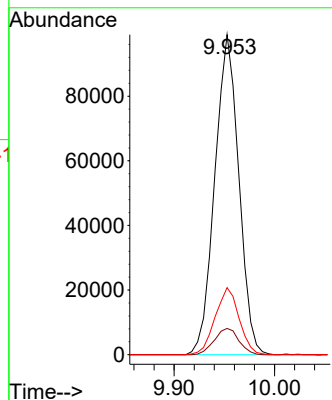
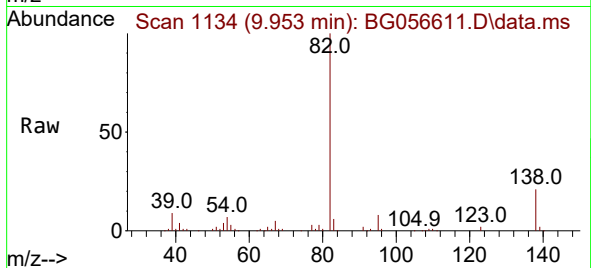
#25
Isophorone
Concen: 40.579 ng
RT: 9.953 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Tgt Ion: 82 Resp: 16423
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 20.9 16.6 25.0

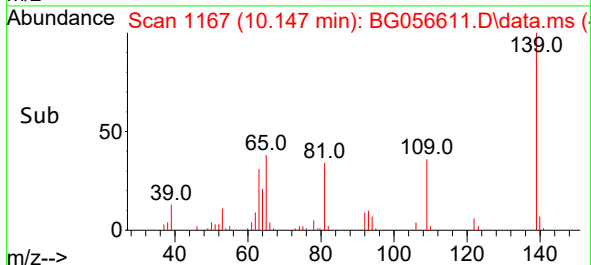
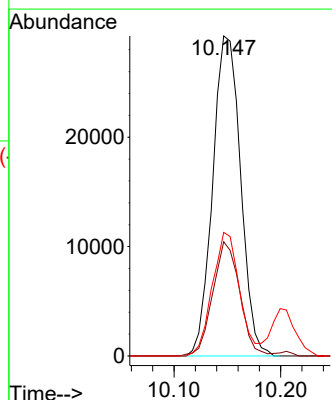
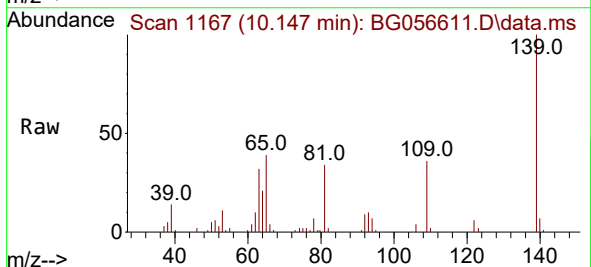
Manual Integrations
APPROVED

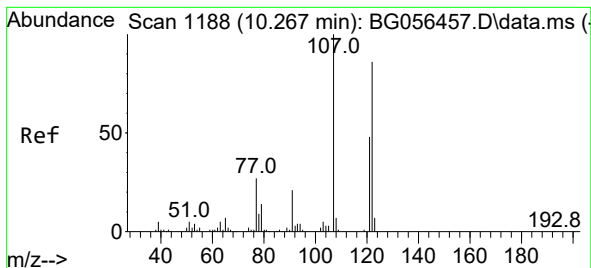
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#26
2-Nitrophenol
Concen: 46.282 ng
RT: 10.147 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

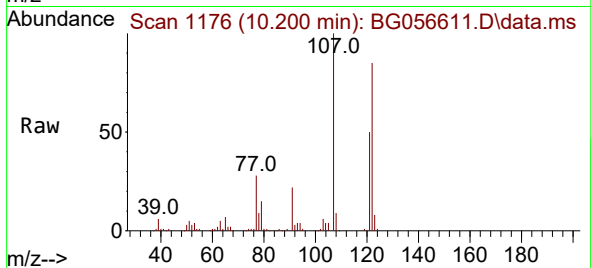
Tgt Ion:139 Resp: 53138
Ion Ratio Lower Upper
139 100
109 35.7 26.9 40.3
65 38.6 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 48.616 ng m
RT: 10.200 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

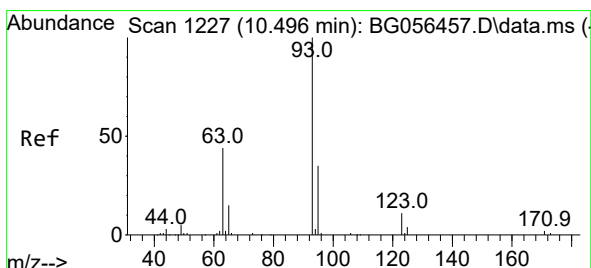
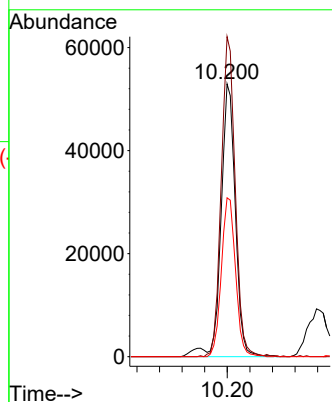
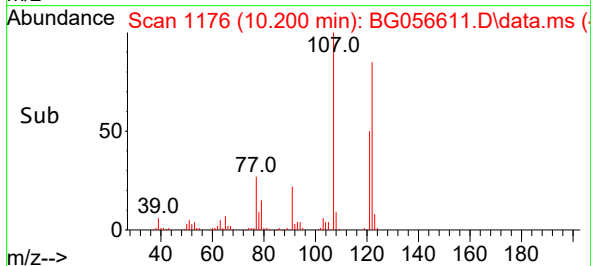
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:122 Resp: 93410
Ion Ratio Lower Upper
122 100
107 117.3 92.9 139.3
121 58.3 45.0 67.4

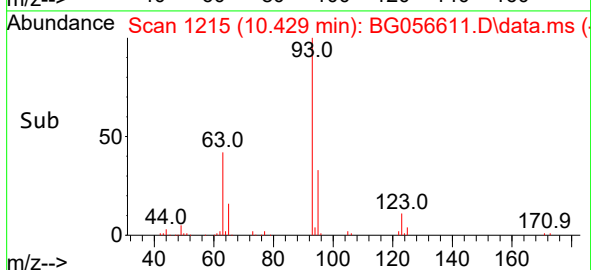
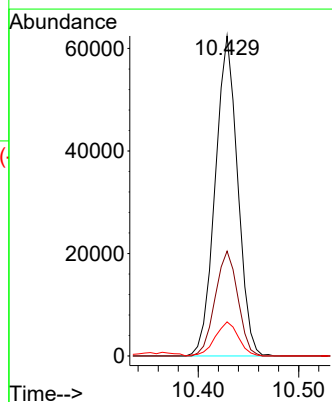
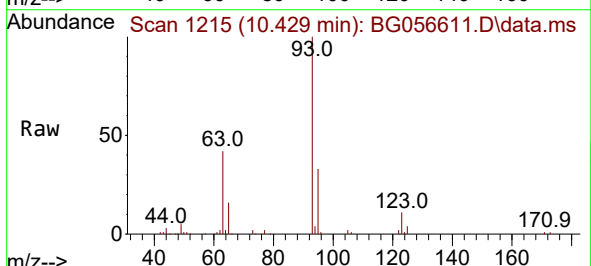
Manual Integrations
APPROVED

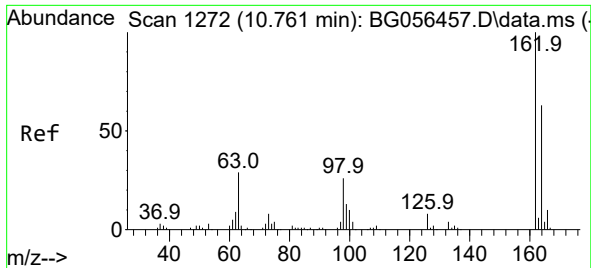
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.315 ng
RT: 10.429 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion: 93 Resp: 96846
Ion Ratio Lower Upper
93 100
95 32.7 27.9 41.9
123 10.6 8.6 12.8





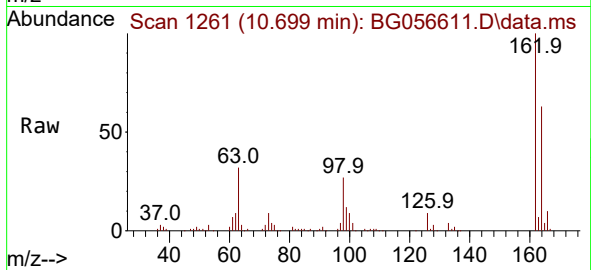
#29
2,4-Dichlorophenol
Concen: 50.707 ng
RT: 10.699 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

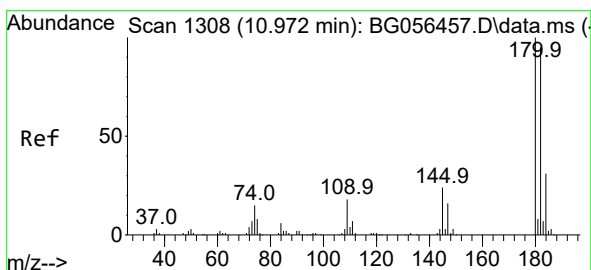
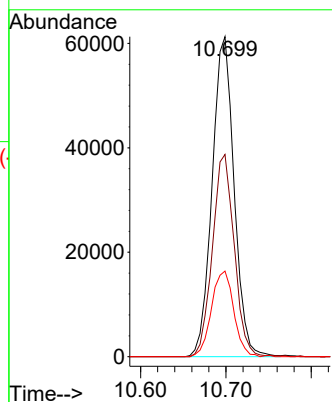


Tgt Ion:162 Resp: 10967
Ion Ratio Lower Upper
162 100
164 63.2 42.8 82.8
98 26.7 6.5 46.5

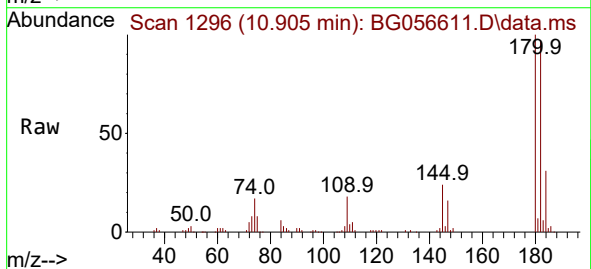
Manual Integrations

APPROVED

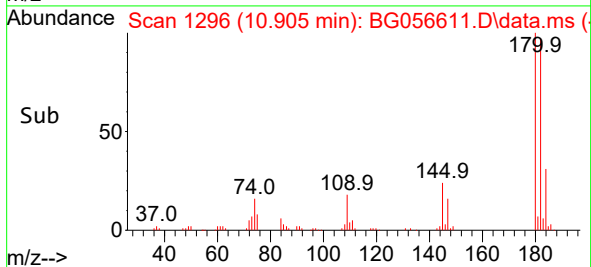
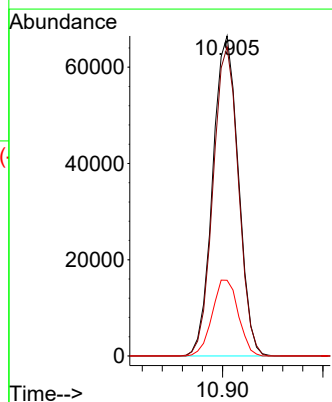
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

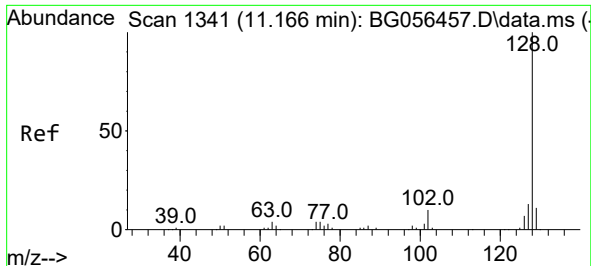


#30
1,2,4-Trichlorobenzene
Concen: 49.123 ng
RT: 10.905 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



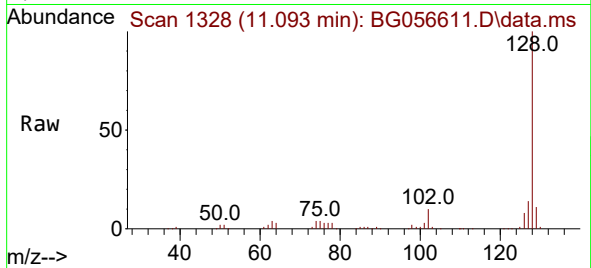
Tgt Ion:180 Resp: 118067
Ion Ratio Lower Upper
180 100
182 96.6 75.9 113.9
145 23.7 19.4 29.0





#31
Naphthalene
Concen: 47.414 ng
RT: 11.093 min Scan# 1109
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

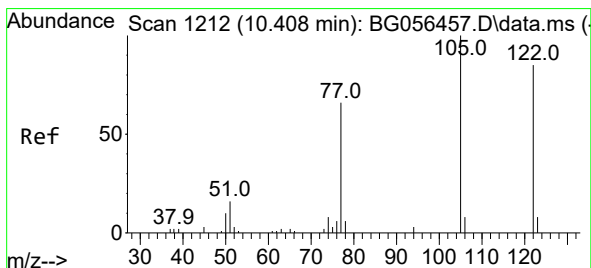
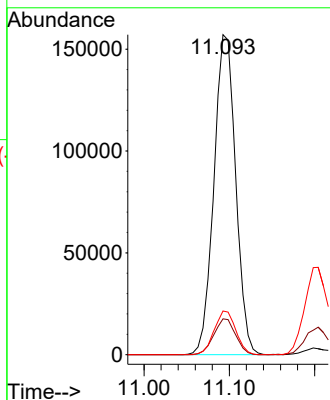
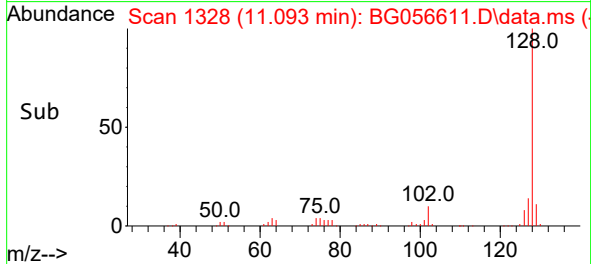
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:128 Resp: 278789
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.7 10.4 15.6

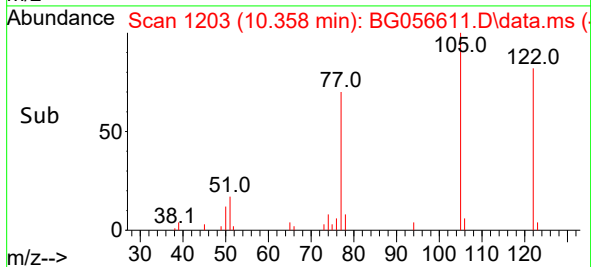
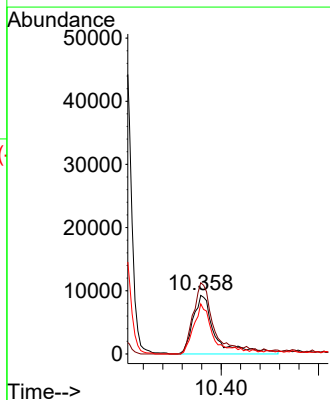
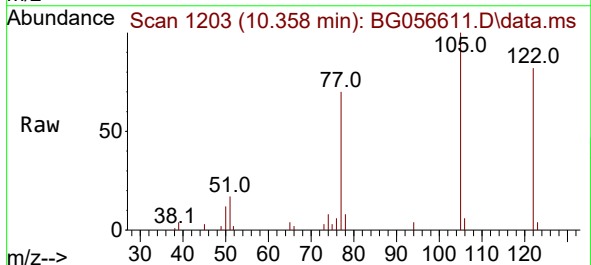
Manual Integrations
APPROVED

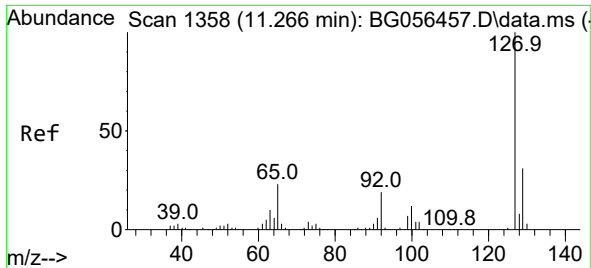
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#32
Benzoic acid
Concen: 27.344 ng m
RT: 10.358 min Scan# 1203
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:122 Resp: 29396
Ion Ratio Lower Upper
122 100
105 121.6 96.5 136.5
77 85.5 57.3 97.3





#33
4-Chloroaniline
Concen: 32.515 ng
RT: 11.204 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

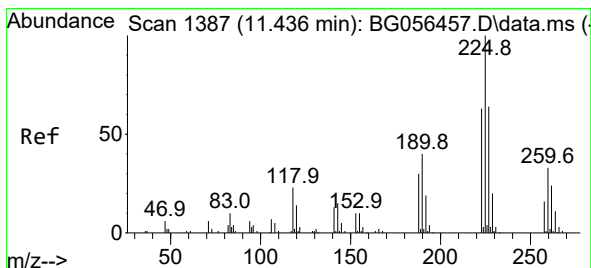
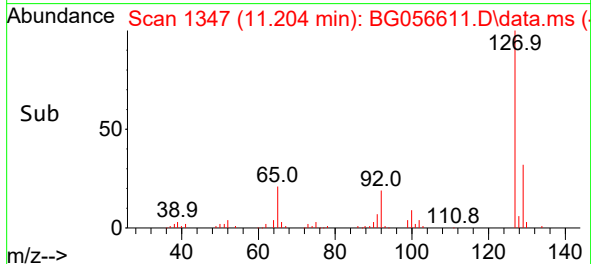
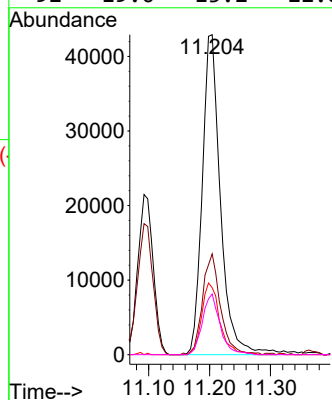
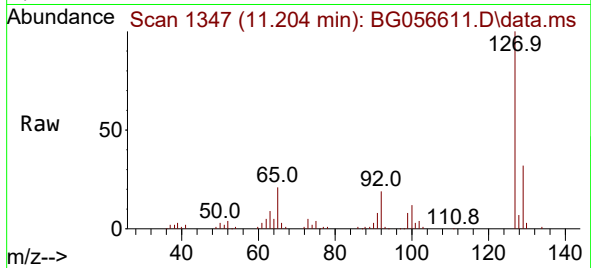
VNJ-208MSD

Tgt Ion:127 Resp: 89244
Ion Ratio Lower Upper
127 100
129 31.5 25.0 37.6
65 20.9 18.5 27.7
92 19.0 15.2 22.8

Manual Integrations

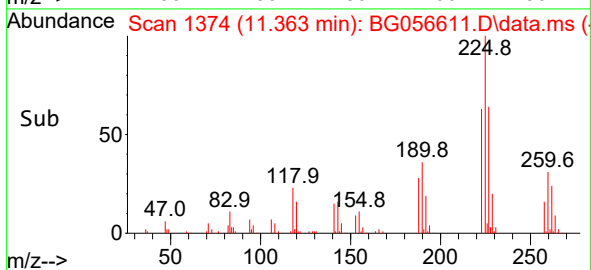
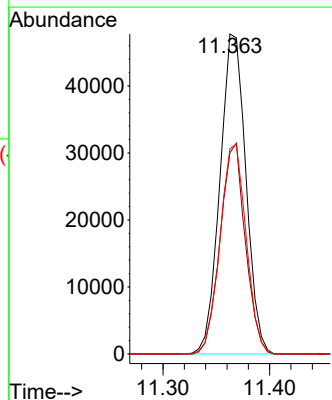
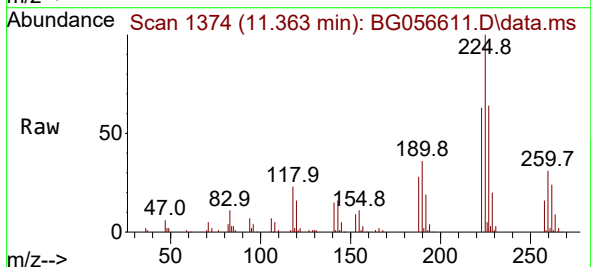
APPROVED

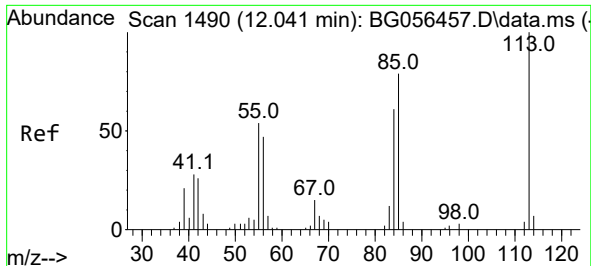
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#34
Hexachlorobutadiene
Concen: 47.815 ng
RT: 11.363 min Scan# 1374
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:225 Resp: 80669
Ion Ratio Lower Upper
225 100
223 62.9 50.6 75.8
227 64.2 53.7 80.5





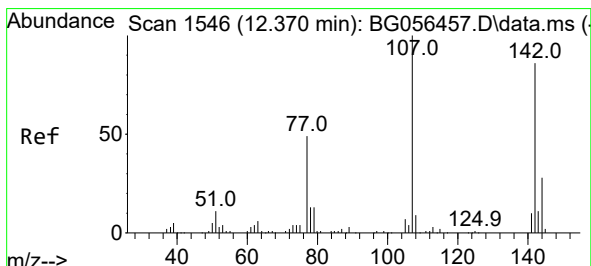
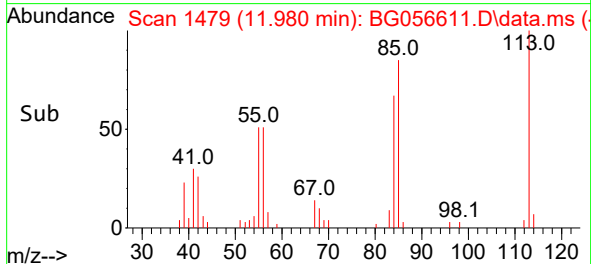
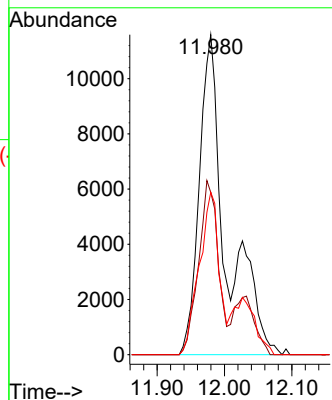
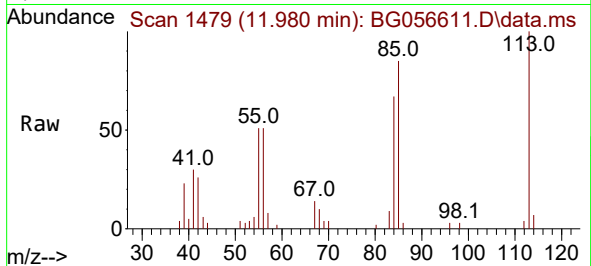
#35
Caprolactam
Concen: 43.989 ng m
RT: 11.980 min Scan# 1490
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Tgt Ion:113 Resp: 32088
Ion Ratio Lower Upper
113 100
55 50.7 33.7 73.7
56 50.8 27.1 67.1

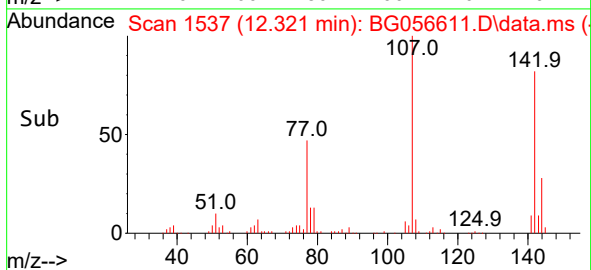
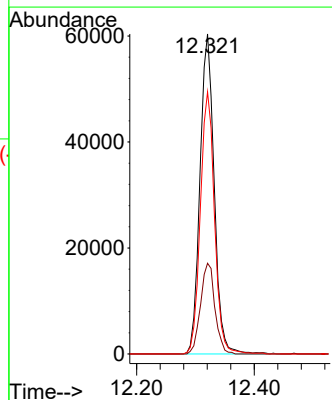
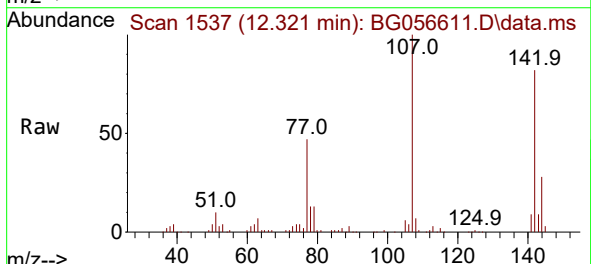
Manual Integrations
APPROVED

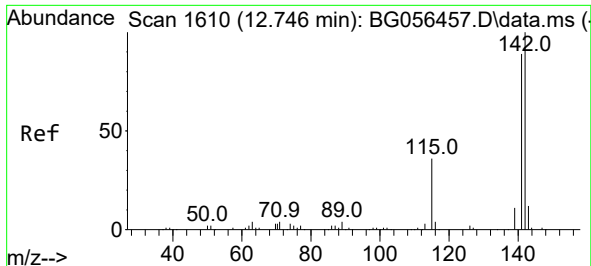
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#36
4-Chloro-3-methylphenol
Concen: 48.477 ng
RT: 12.321 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

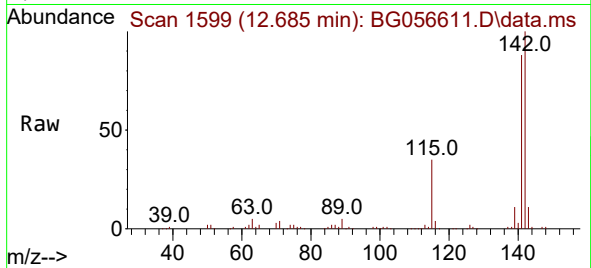
Tgt Ion:107 Resp: 101256
Ion Ratio Lower Upper
107 100
144 28.3 22.3 33.5
142 81.9 68.9 103.3





#37
2-Methylnaphthalene
Concen: 45.245 ng
RT: 12.685 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

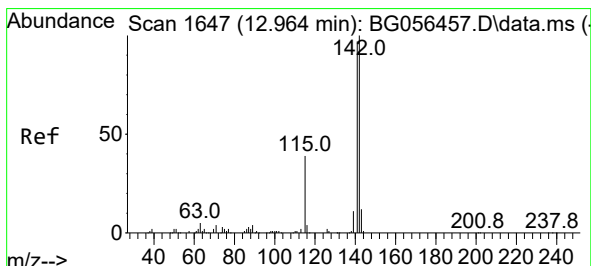
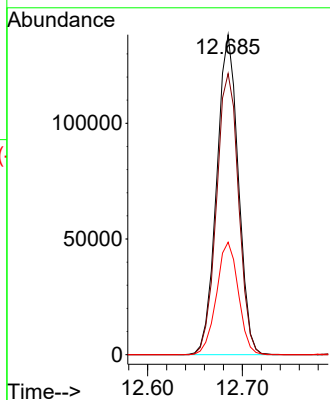
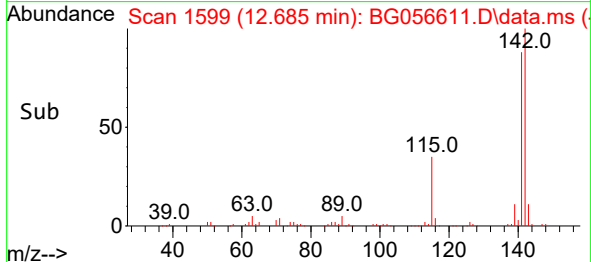
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



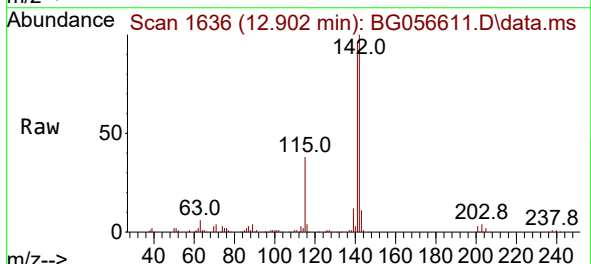
Tgt Ion:142 Resp: 21932
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.0
115 35.2 28.4 42.6

Manual Integrations
APPROVED

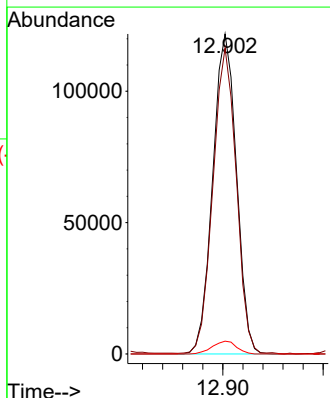
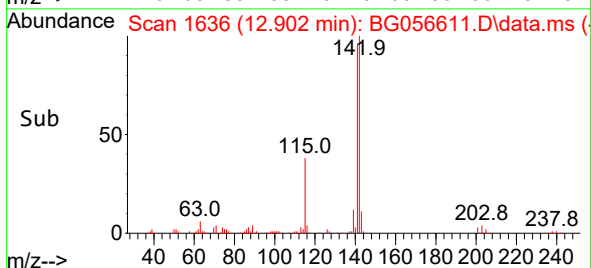
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

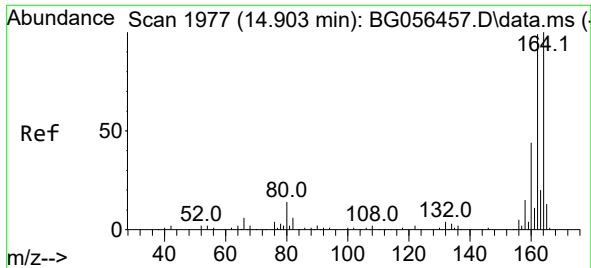


#38
1-Methylnaphthalene
Concen: 44.090 ng
RT: 12.902 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



Tgt Ion:142 Resp: 199605
Ion Ratio Lower Upper
142 100
141 95.6 77.7 116.5
116 4.0 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

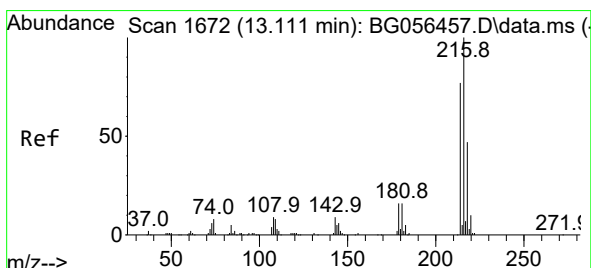
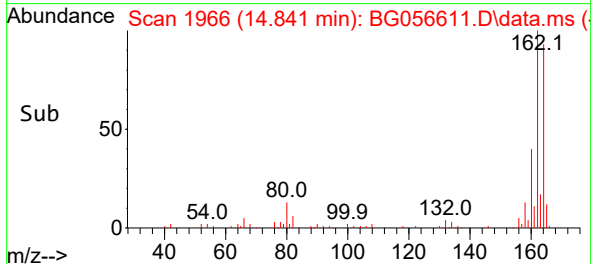
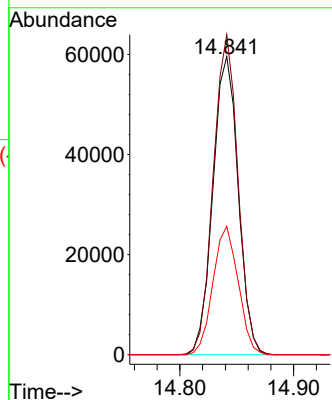
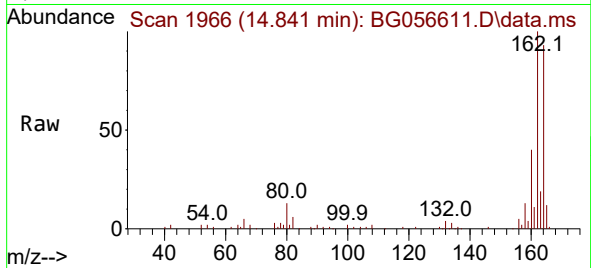
VNJ-208MSD

Tgt Ion:164 Resp: 9200
Ion Ratio Lower Upper
164 100
162 107.4 79.6 119.4
160 43.0 34.9 52.3

Manual Integrations

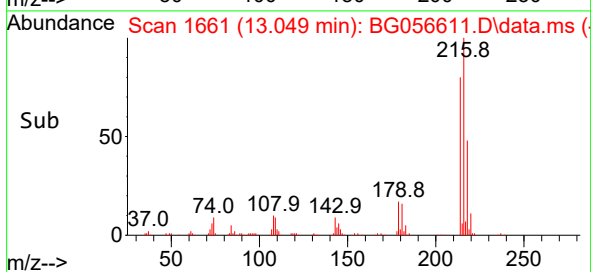
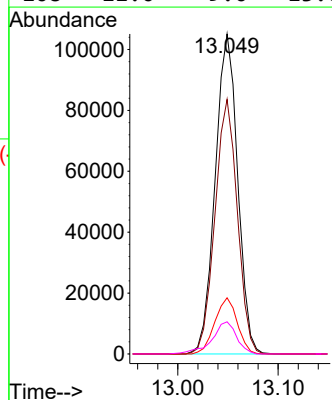
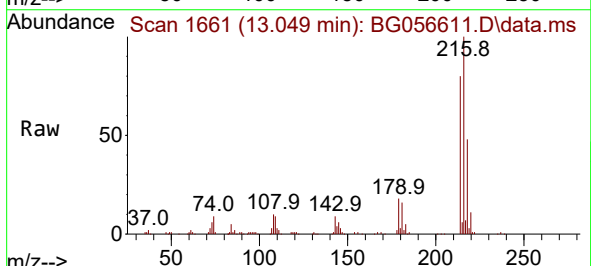
APPROVED

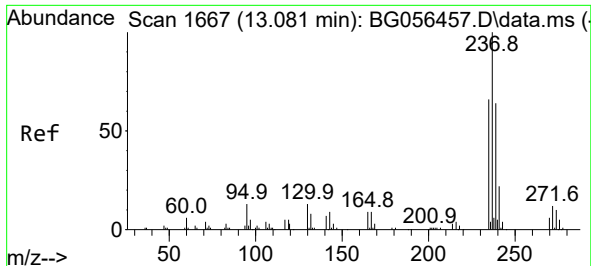
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.647 ng
RT: 13.049 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

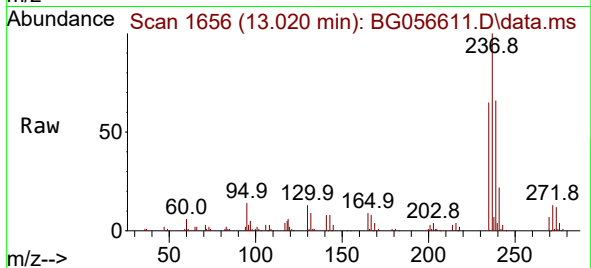
Tgt Ion:216 Resp: 163519
Ion Ratio Lower Upper
216 100
214 79.1 63.0 94.6
179 17.6 14.1 21.1
108 11.0 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 50.539 ng
RT: 13.020 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

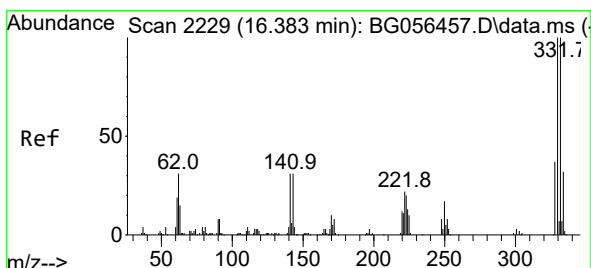
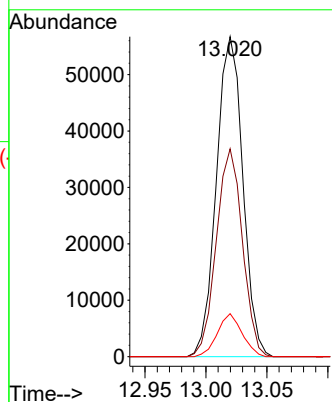
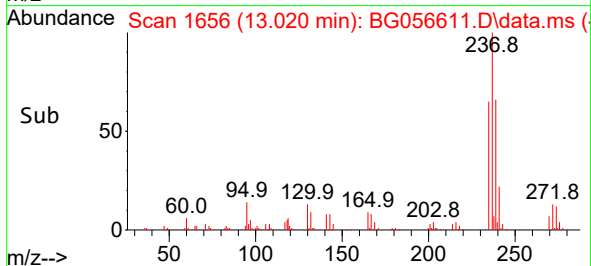
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:237 Resp: 85510
Ion Ratio Lower Upper
237 100
235 64.9 45.6 85.6
272 13.4 0.0 32.3

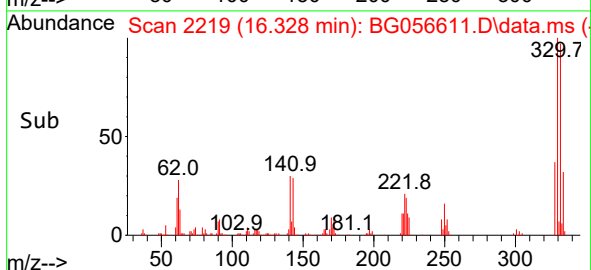
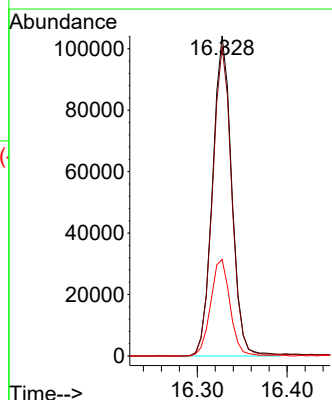
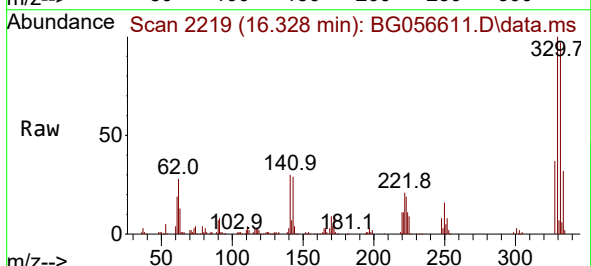
Manual Integrations
APPROVED

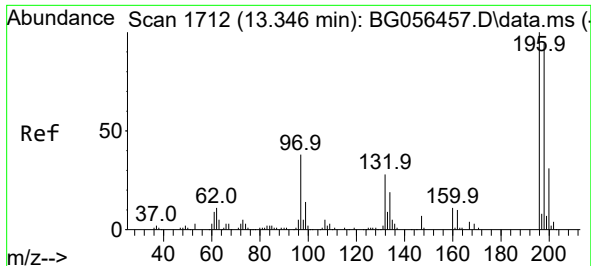
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#42
2,4,6-Tribromophenol
Concen: 126.141 ng
RT: 16.328 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

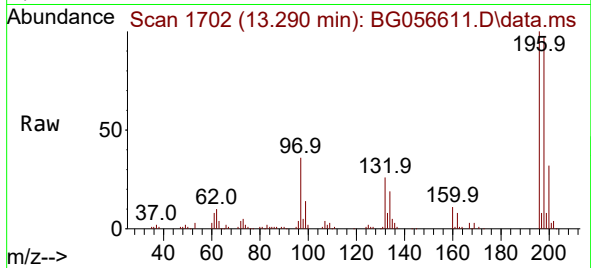
Tgt Ion:330 Resp: 154293
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.6
141 30.5 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 48.015 ng
RT: 13.290 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

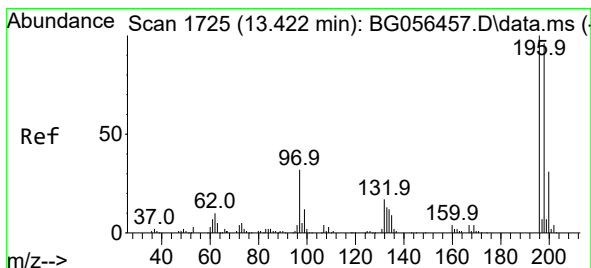
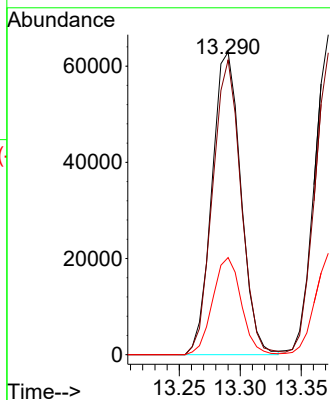
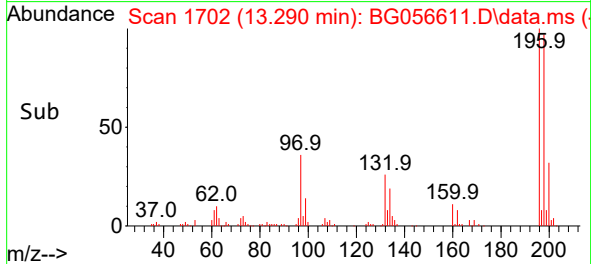
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



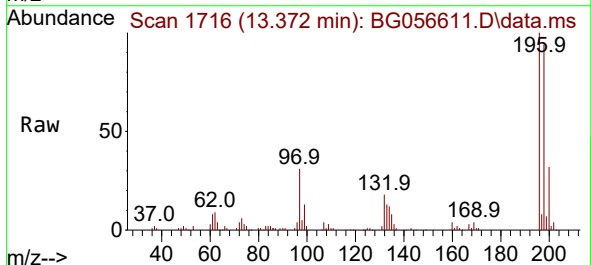
Tgt Ion:196 Resp: 10400
Ion Ratio Lower Upper
196 100
198 97.4 75.4 113.0
200 32.1 25.0 37.6

Manual Integrations
APPROVED

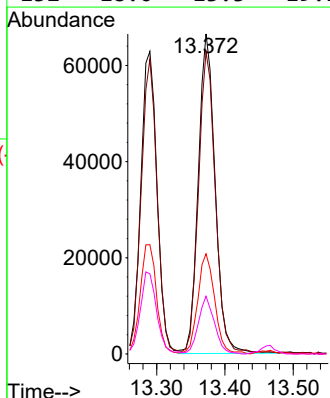
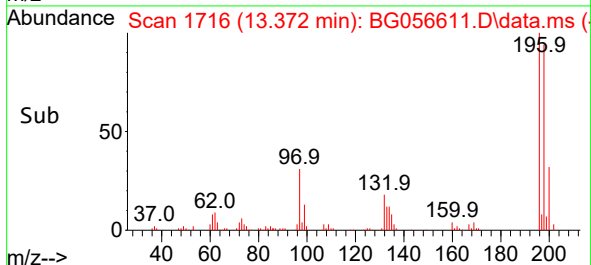
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

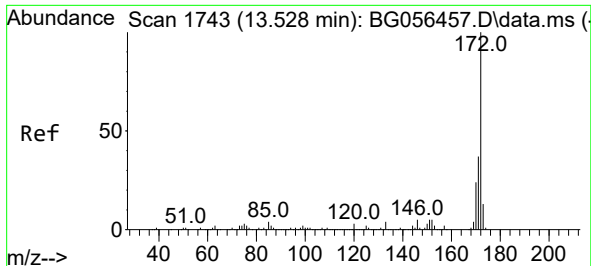


#44
2,4,5-Trichlorophenol
Concen: 45.123 ng
RT: 13.372 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



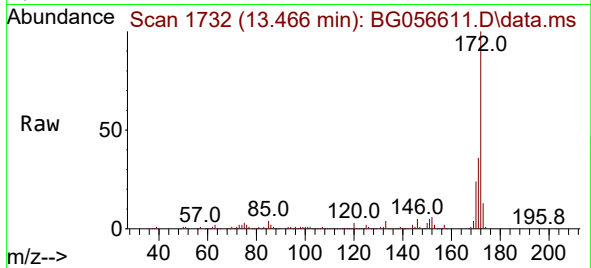
Tgt Ion:196 Resp: 114438
Ion Ratio Lower Upper
196 100
198 94.3 76.9 115.3
97 31.3 25.8 38.6
132 18.0 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 77.486 ng
RT: 13.466 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

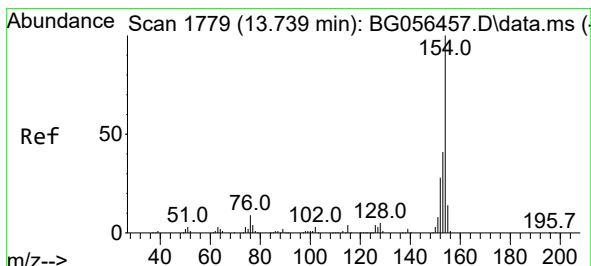
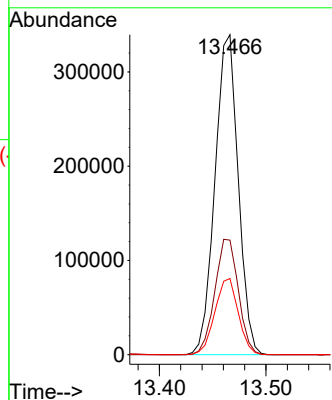
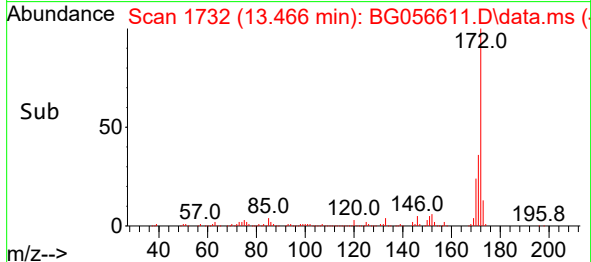
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



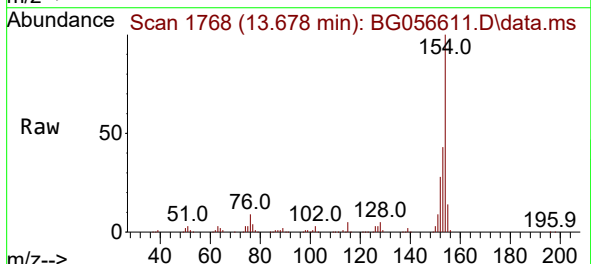
Tgt Ion:172 Resp: 51422
Ion Ratio Lower Upper
172 100
171 35.8 29.5 44.3
170 23.8 19.2 28.8

Manual Integrations
APPROVED

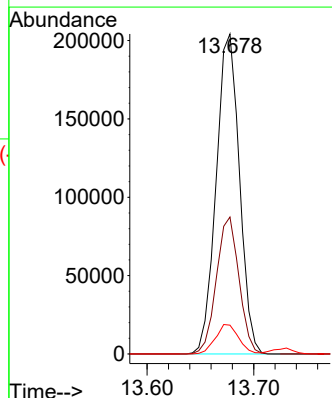
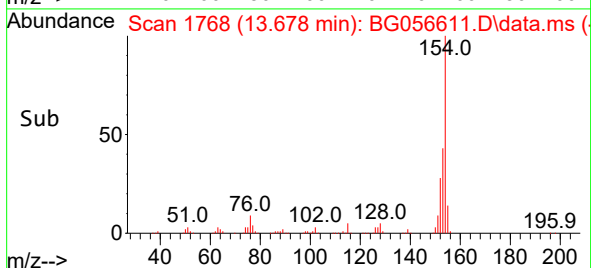
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

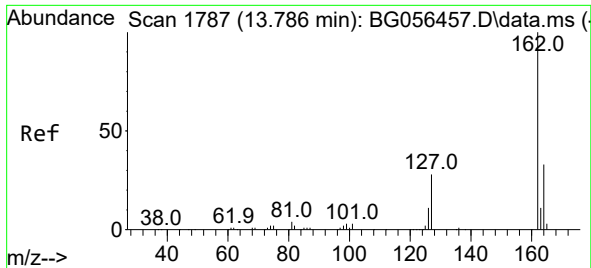


#46
1,1'-Biphenyl
Concen: 46.290 ng
RT: 13.678 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



Tgt Ion:154 Resp: 308917
Ion Ratio Lower Upper
154 100
153 42.8 21.5 61.5
76 9.0 0.0 28.8





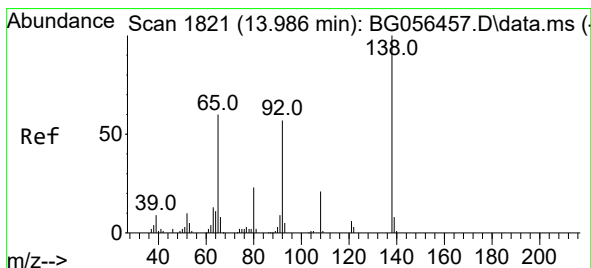
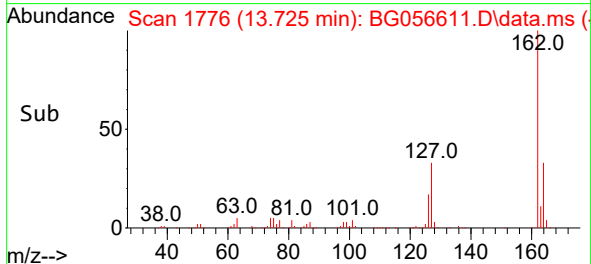
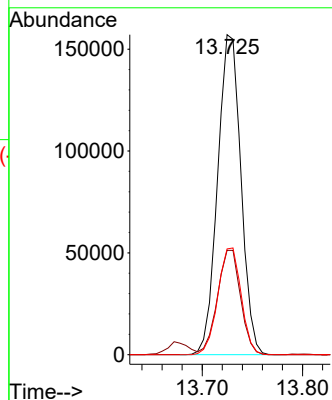
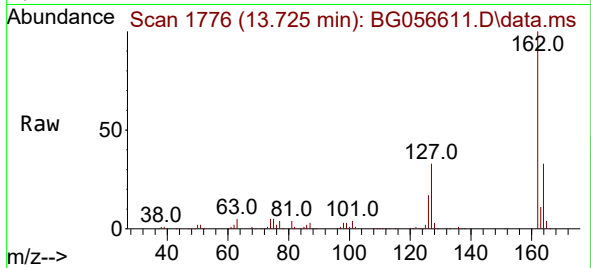
#47
2-Chloronaphthalene
Concen: 48.538 ng
RT: 13.725 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Tgt Ion:162 Resp: 253180
Ion Ratio Lower Upper
162 100
127 32.6 25.2 37.8
164 33.0 26.2 39.2

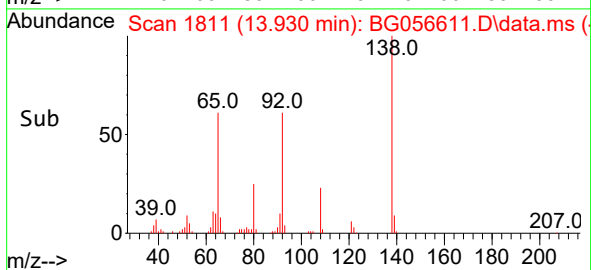
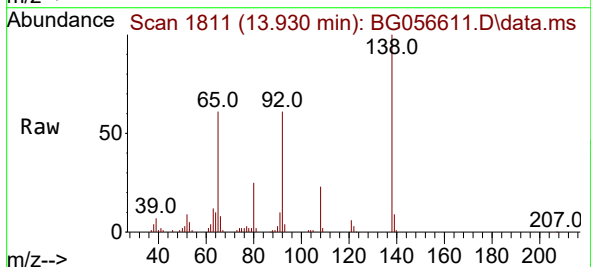
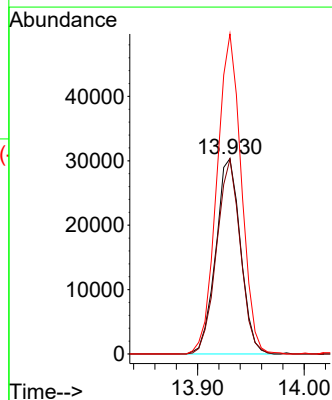
Manual Integrations
APPROVED

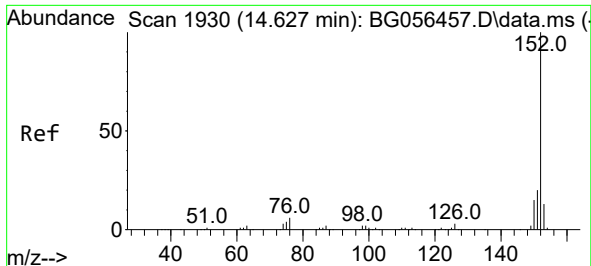
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#48
2-Nitroaniline
Concen: 45.234 ng
RT: 13.930 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion: 65 Resp: 48777
Ion Ratio Lower Upper
65 100
92 99.7 75.8 113.6
138 163.8 133.2 199.8





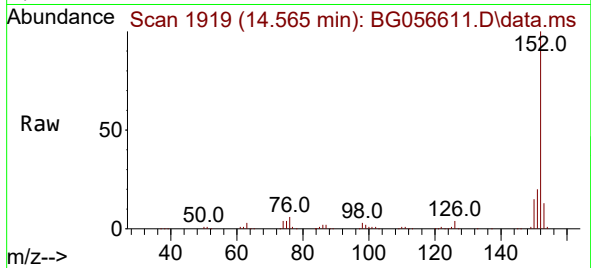
#49
Acenaphthylene
Concen: 46.070 ng
RT: 14.565 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

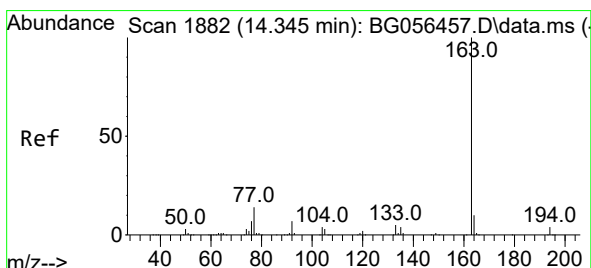
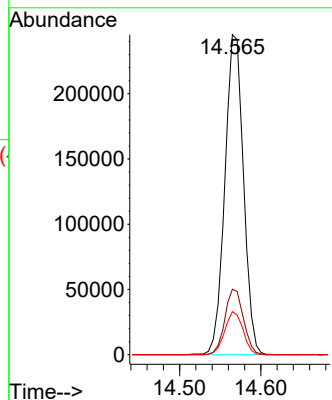
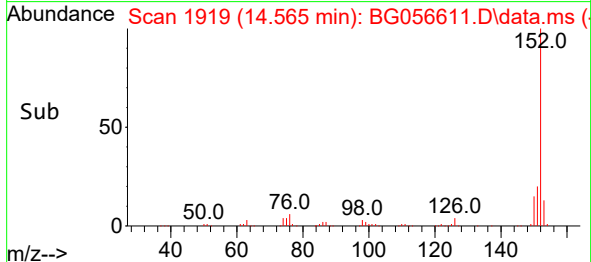


Tgt Ion:152 Resp: 390982
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.5 10.5 15.7

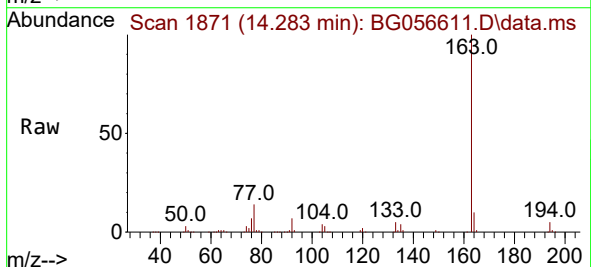
Manual Integrations

APPROVED

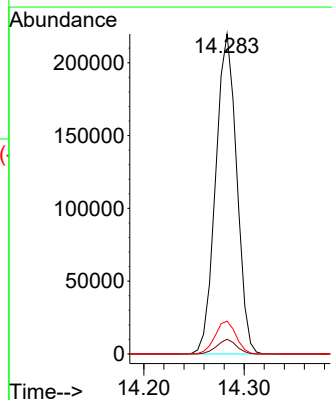
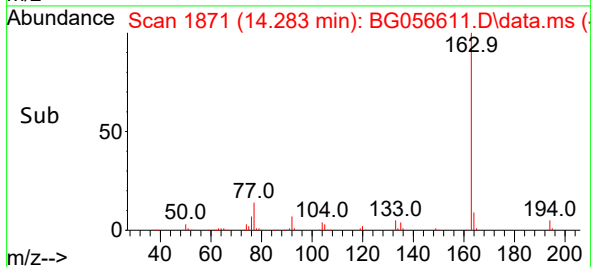
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

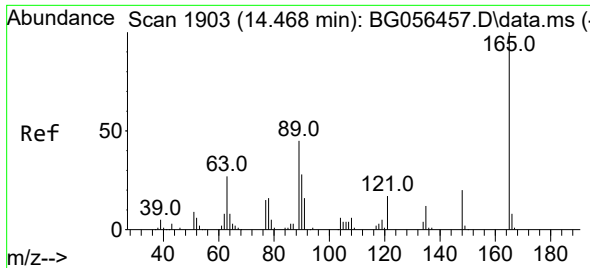


#50
Dimethylphthalate
Concen: 42.961 ng
RT: 14.283 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



Tgt Ion:163 Resp: 319786
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.619 ng
RT: 14.412 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

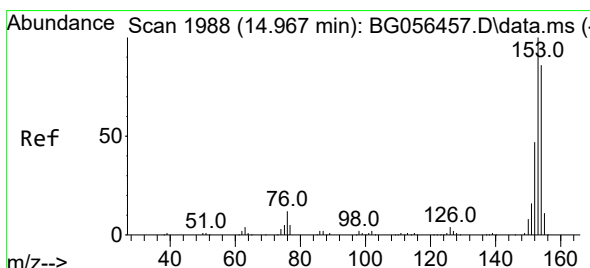
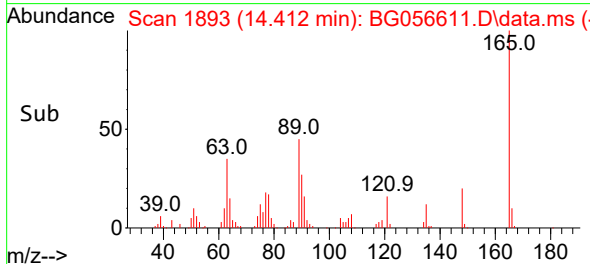
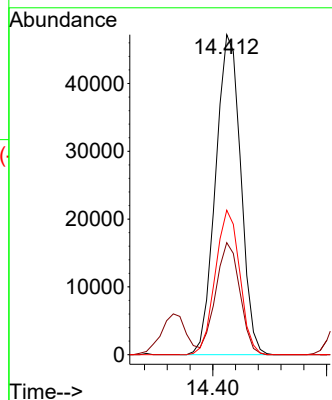
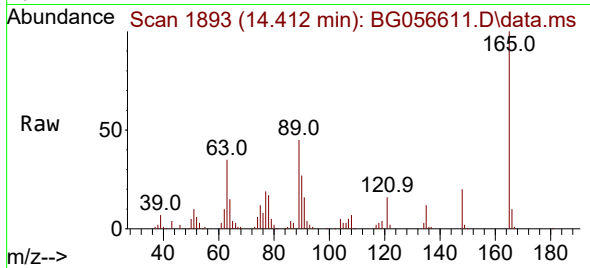
VNJ-208MSD

Tgt Ion:165 Resp: 72430
Ion Ratio Lower Upper
165 100
63 35.0 26.9 40.3
89 45.2 35.6 53.4

Manual Integrations

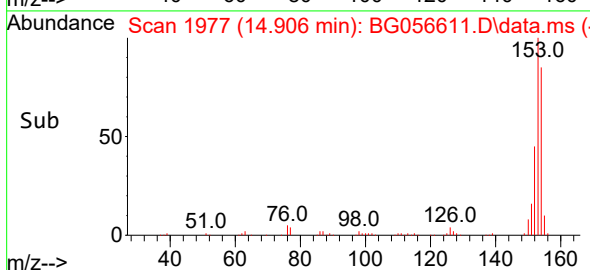
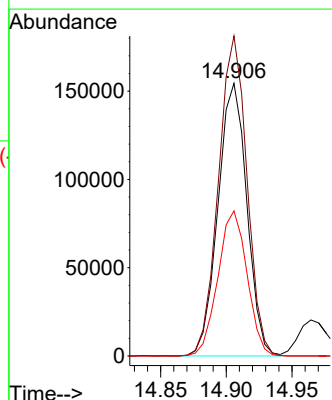
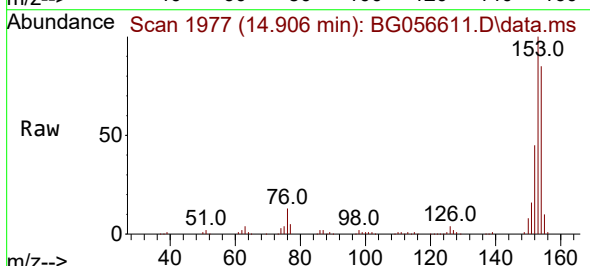
APPROVED

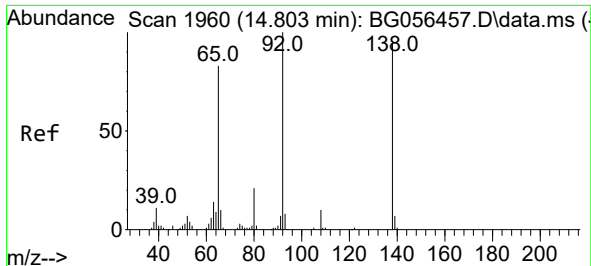
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#52
Acenaphthene
Concen: 46.923 ng
RT: 14.906 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

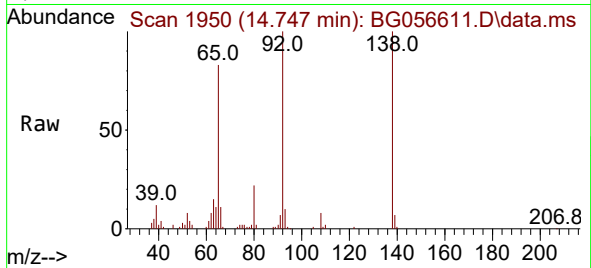
Tgt Ion:154 Resp: 236148
Ion Ratio Lower Upper
154 100
153 117.4 93.4 140.0
152 53.2 43.4 65.2





#53
3-Nitroaniline
Concen: 38.939 ng
RT: 14.747 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

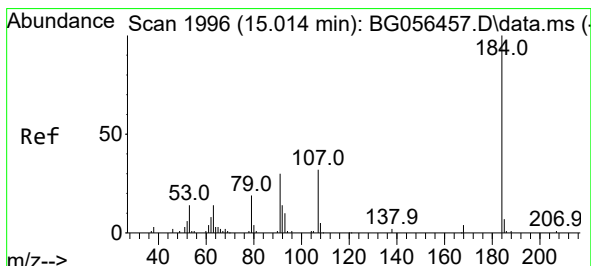
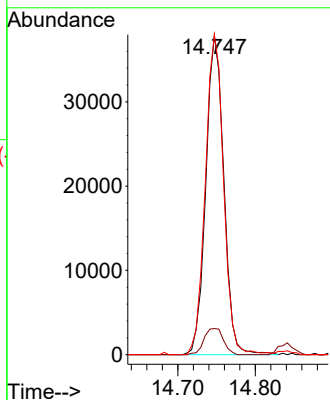
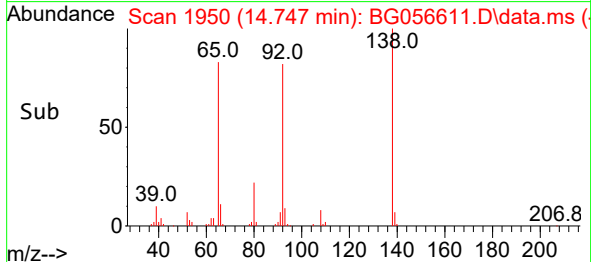
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



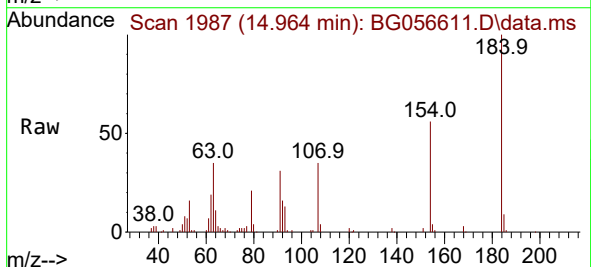
Tgt Ion:138 Resp: 61280
Ion Ratio Lower Upper
138 100
108 8.2 8.0 12.0
92 100.4 84.1 126.1

Manual Integrations
APPROVED

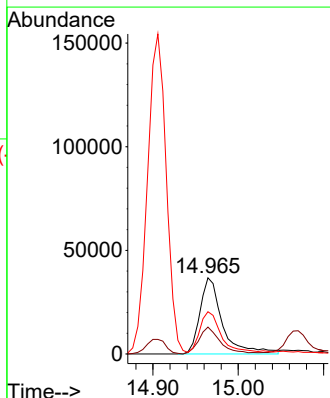
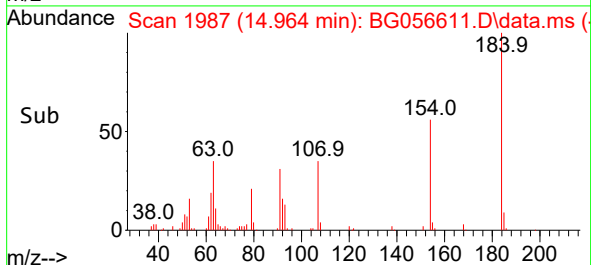
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

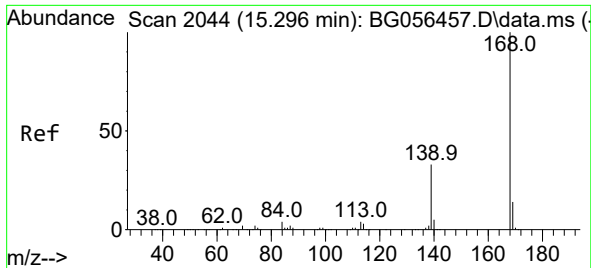


#54
2,4-Dinitrophenol
Concen: 66.257 ng
RT: 14.964 min Scan# 1987
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



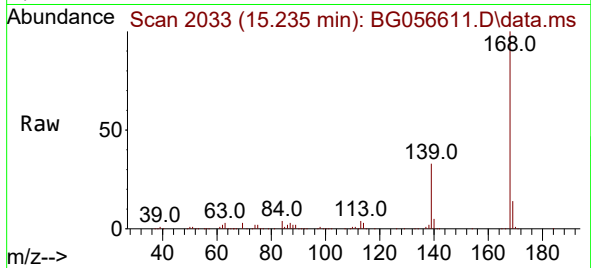
Tgt Ion:184 Resp: 67428
Ion Ratio Lower Upper
184 100
63 35.3 25.1 37.7
154 55.6 44.8 67.2





#55
Dibenzofuran
Concen: 46.263 ng
RT: 15.235 min Scan# 2005
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

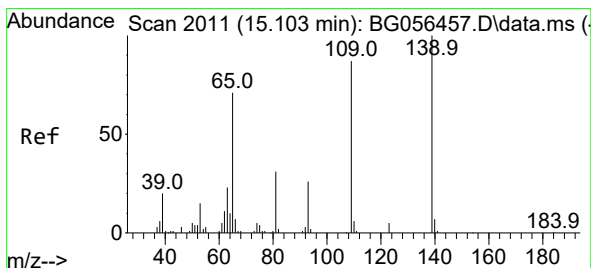
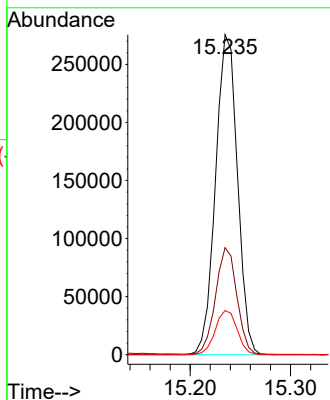
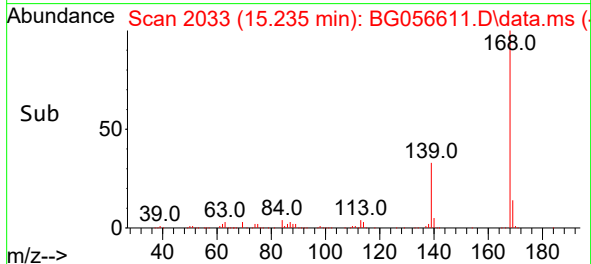
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:168 Resp: 41754
Ion Ratio Lower Upper
168 100
139 33.4 26.2 39.2
169 13.8 11.0 16.6

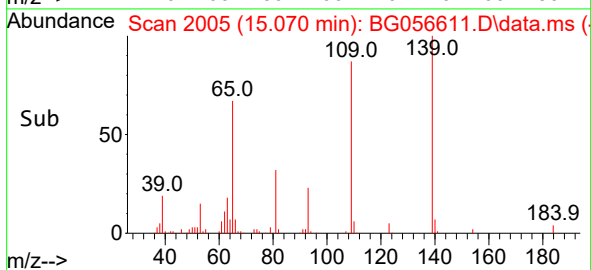
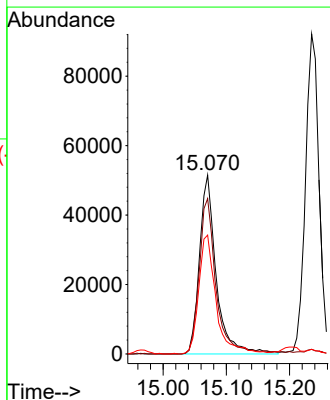
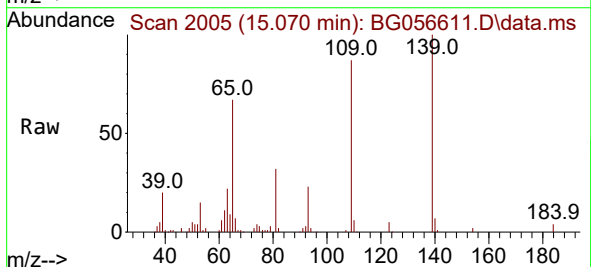
Manual Integrations
APPROVED

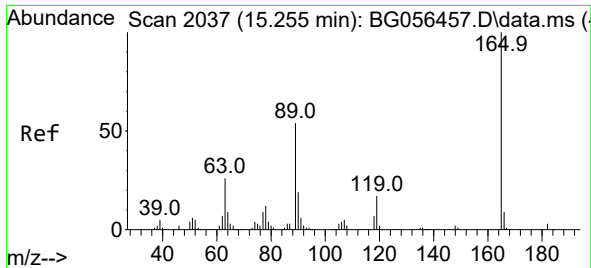
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#56
4-Nitrophenol
Concen: 88.272 ng
RT: 15.070 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:139 Resp: 94921
Ion Ratio Lower Upper
139 100
109 86.9 67.5 107.5
65 66.5 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 46.443 ng
RT: 15.205 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

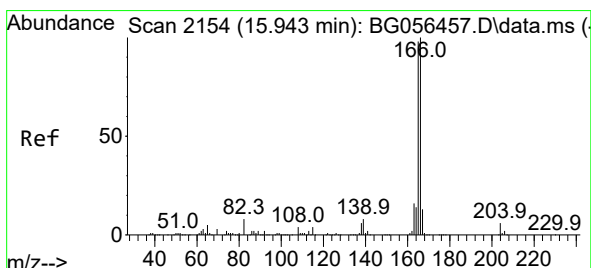
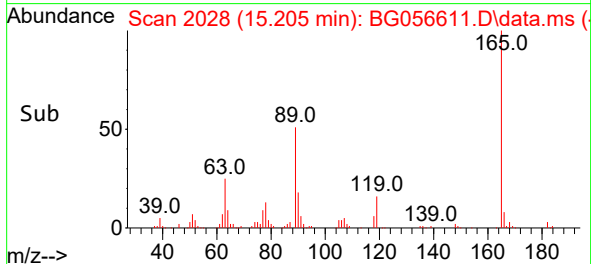
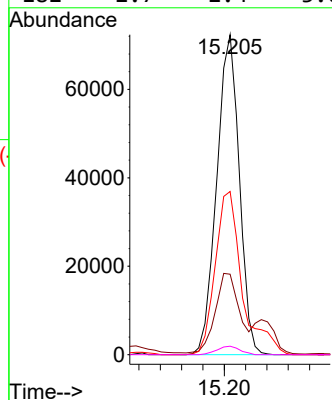
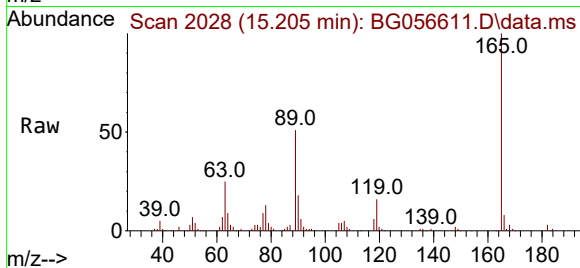
VNJ-208MSD

Tgt Ion:165 Resp: 106192
Ion Ratio Lower Upper
165 100
63 25.2 20.6 31.0
89 51.0 43.1 64.7
182 2.7 2.4 3.6

Manual Integrations

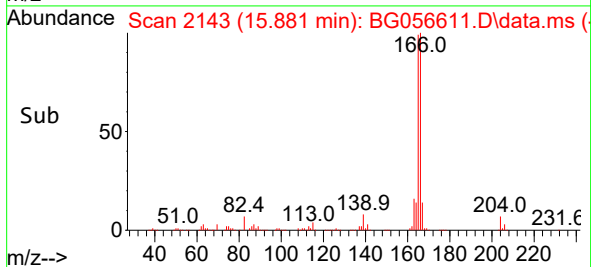
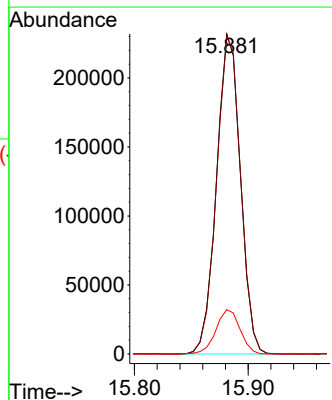
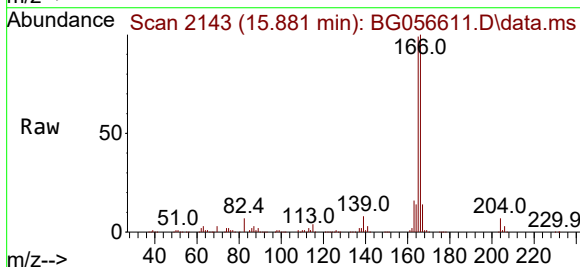
APPROVED

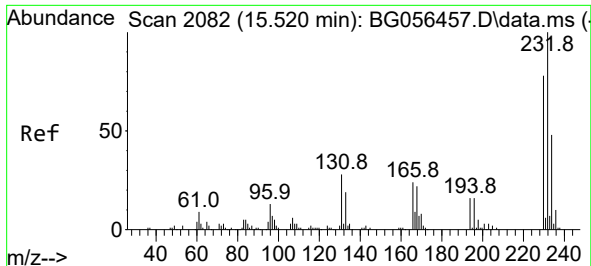
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#58
Fluorene
Concen: 47.041 ng
RT: 15.881 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:166 Resp: 337836
Ion Ratio Lower Upper
166 100
165 99.4 78.8 118.2
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.973 ng
RT: 15.464 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

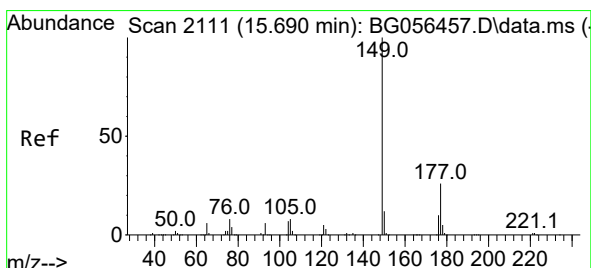
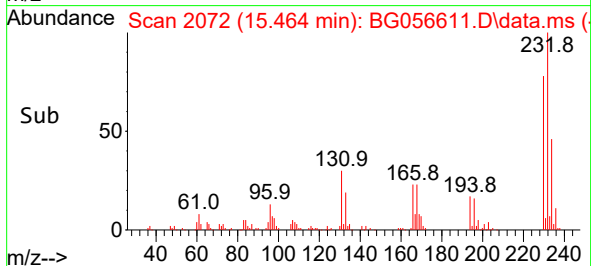
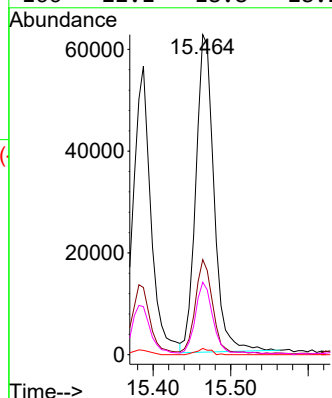
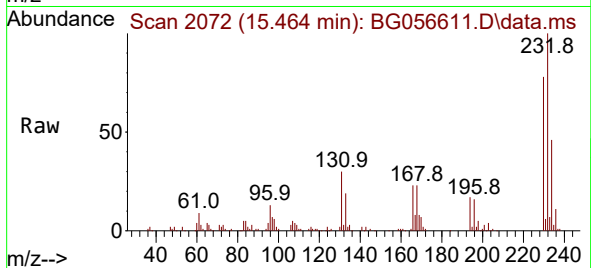
VNJ-208MSD

Tgt Ion:232 Resp: 10141
Ion Ratio Lower Upper
232 100
131 28.9 22.8 34.2
130 1.6 1.4 2.0
166 22.1 18.8 28.2

Manual Integrations

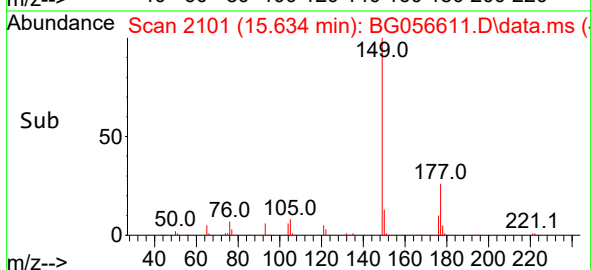
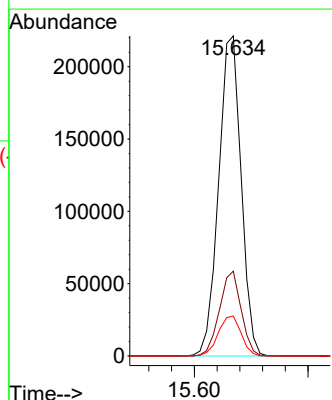
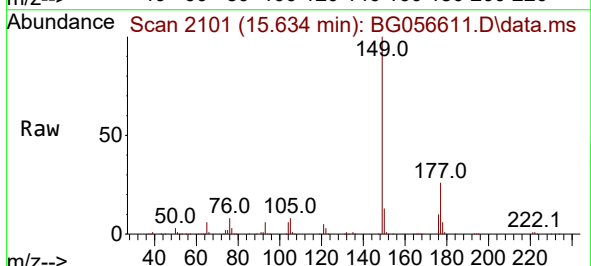
APPROVED

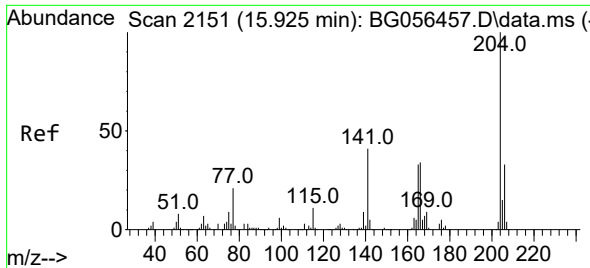
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#60
Diethylphthalate
Concen: 43.503 ng
RT: 15.634 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

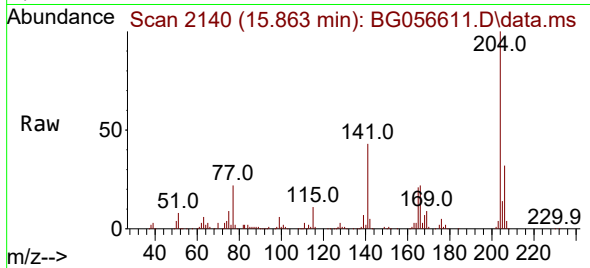
Tgt Ion:149 Resp: 304074
Ion Ratio Lower Upper
149 100
177 26.5 21.0 31.4
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.931 ng
RT: 15.863 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

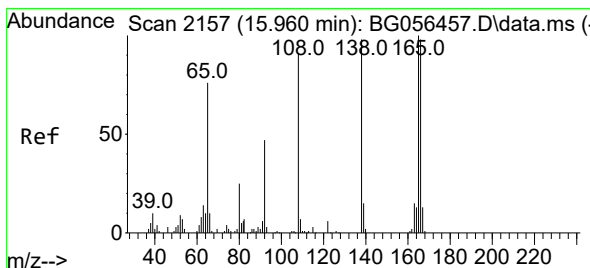
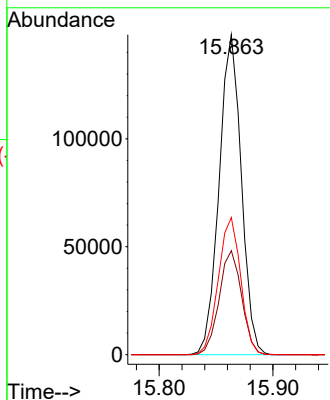
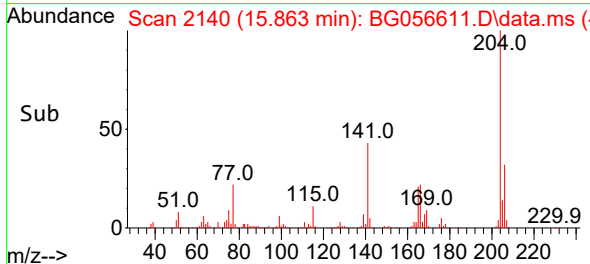
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



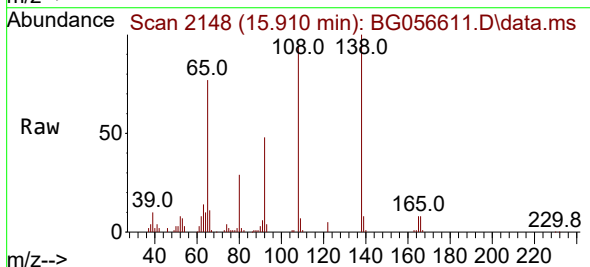
Tgt Ion:204 Resp: 20128
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 42.9 32.7 49.1

Manual Integrations
APPROVED

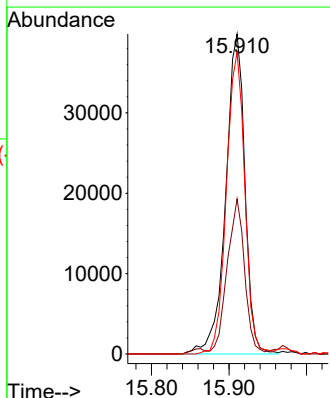
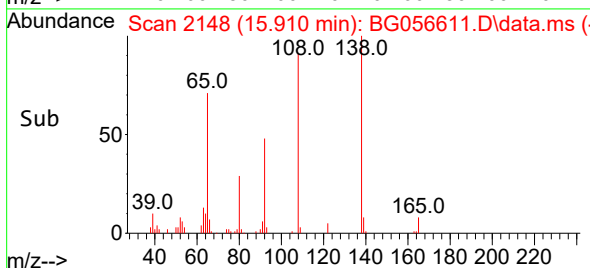
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

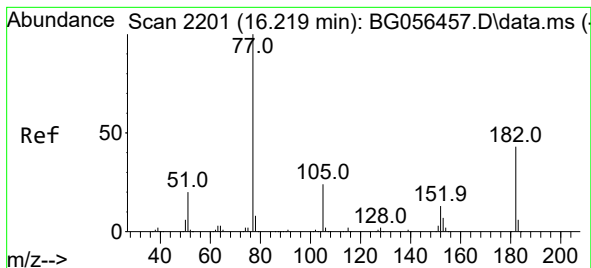


#62
4-Nitroaniline
Concen: 43.738 ng
RT: 15.910 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



Tgt Ion:138 Resp: 68875
Ion Ratio Lower Upper
138 100
92 48.5 27.8 67.8
108 94.2 72.6 112.6





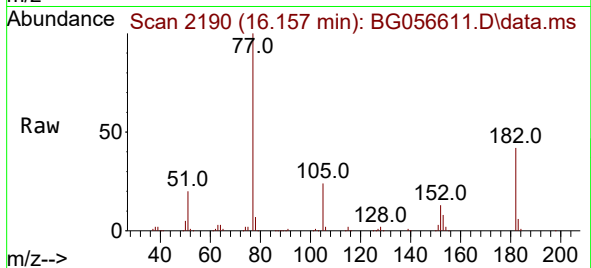
#63
Azobenzene
Concen: 53.689 ng
RT: 16.157 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

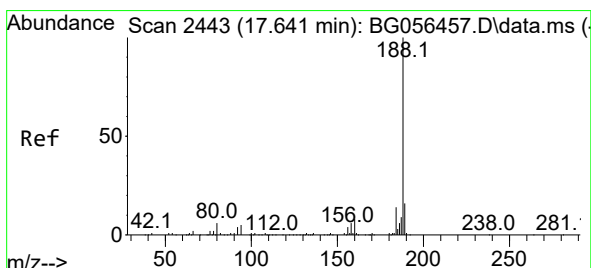
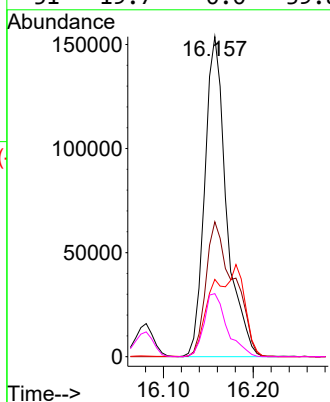
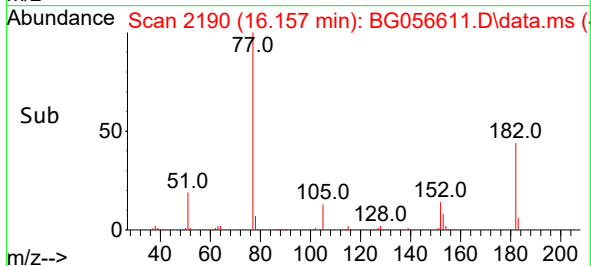


Tgt Ion: 77 Resp: 25821
Ion Ratio Lower Upper
77 100
182 42.2 23.1 63.1
105 24.2 4.2 44.2
51 19.7 0.0 39.8

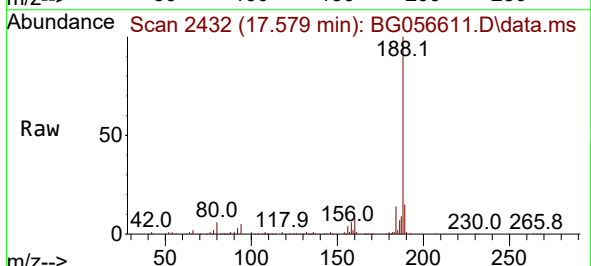
Manual Integrations

APPROVED

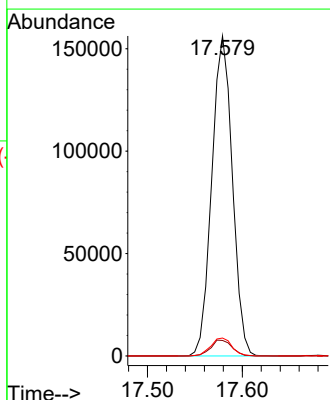
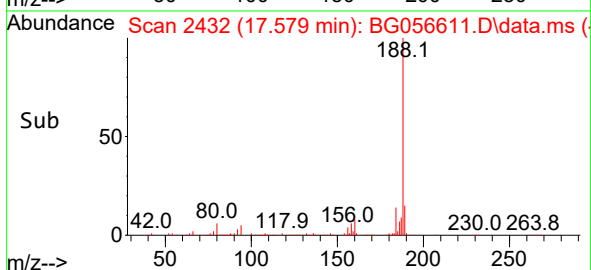
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

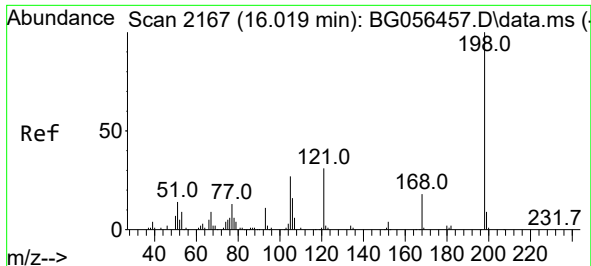


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



Tgt Ion:188 Resp: 235401
Ion Ratio Lower Upper
188 100
94 4.8 4.1 6.1
80 5.6 5.0 7.4





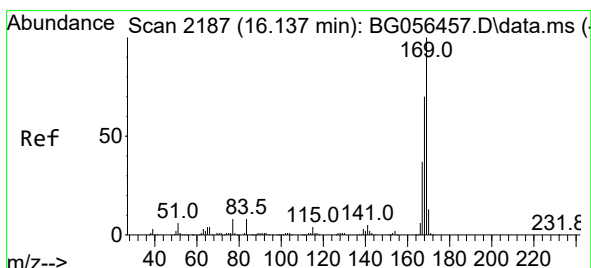
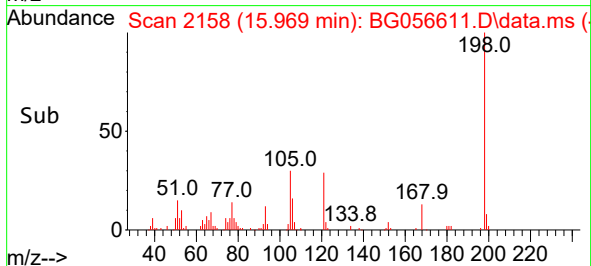
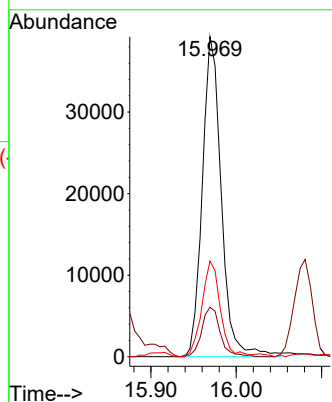
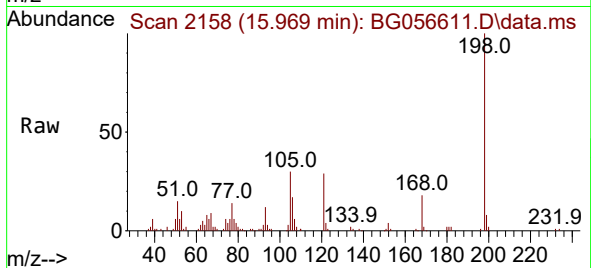
#65
4,6-Dinitro-2-methylphenol
Concen: 36.638 ng
RT: 15.969 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD

Tgt Ion:198 Resp: 6063
Ion Ratio Lower Upper
198 100
51 15.5 0.0 35.0
105 29.9 7.4 47.4

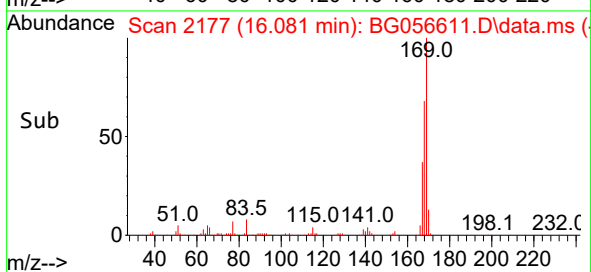
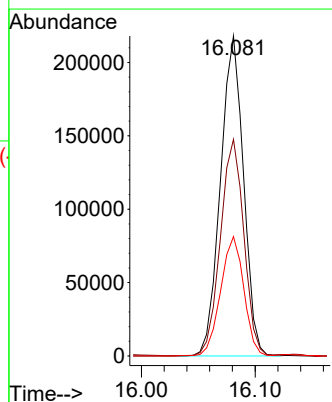
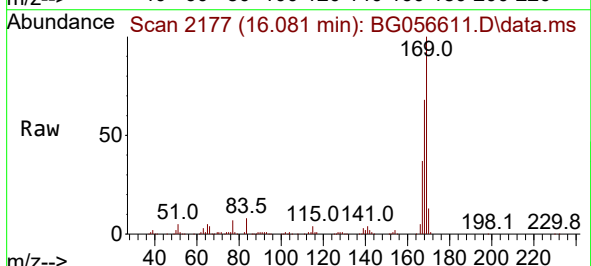
Manual Integrations
APPROVED

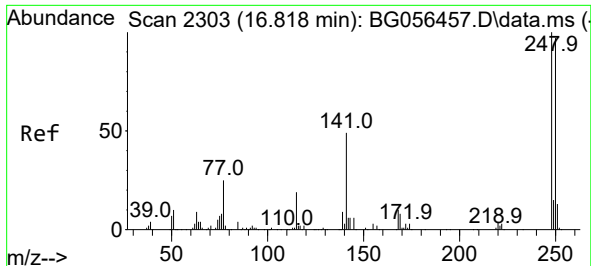
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#66
n-Nitrosodiphenylamine
Concen: 46.009 ng
RT: 16.081 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

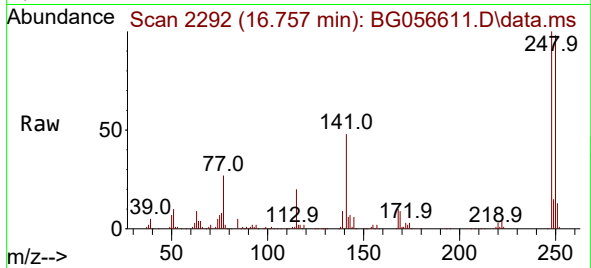
Tgt Ion:169 Resp: 306646
Ion Ratio Lower Upper
169 100
168 67.7 55.8 83.6
167 37.3 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 45.462 ng
RT: 16.757 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

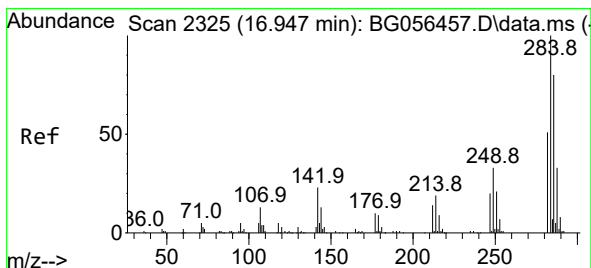
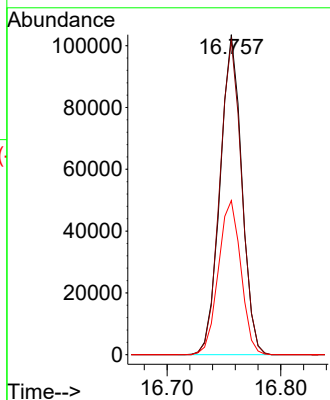
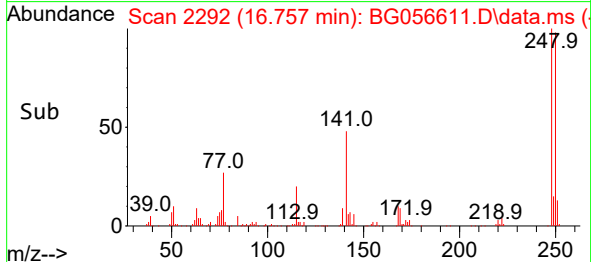
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



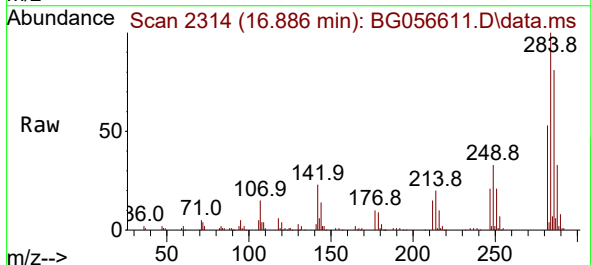
Tgt Ion:248 Resp: 137002
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 48.1 39.0 58.4

Manual Integrations
APPROVED

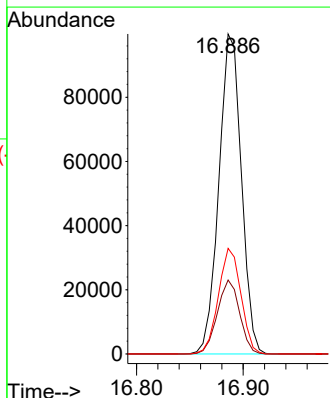
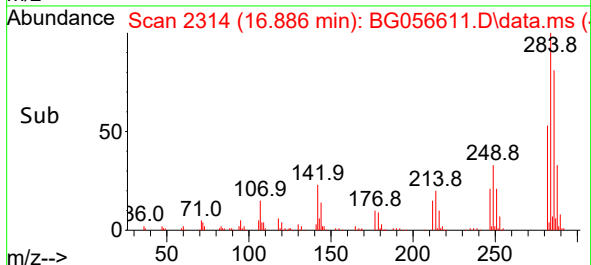
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

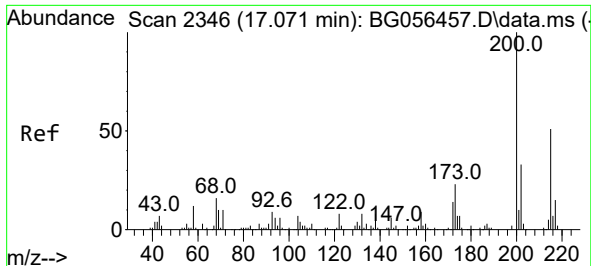


#68
Hexachlorobenzene
Concen: 49.435 ng
RT: 16.886 min Scan# 2314
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



Tgt Ion:284 Resp: 145909
Ion Ratio Lower Upper
284 100
142 23.1 18.0 27.0
249 33.0 26.7 40.1





#69
 Atrazine
 Concen: 49.378 ng
 RT: 17.015 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

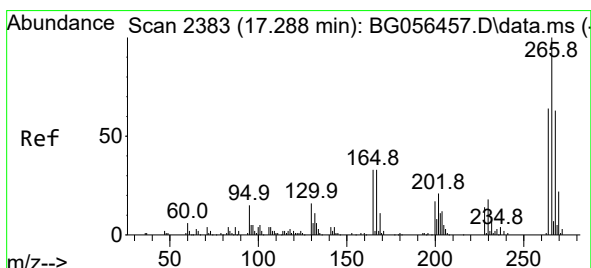
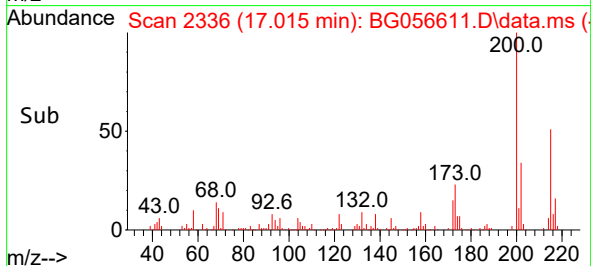
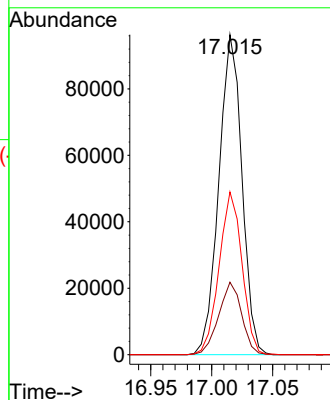
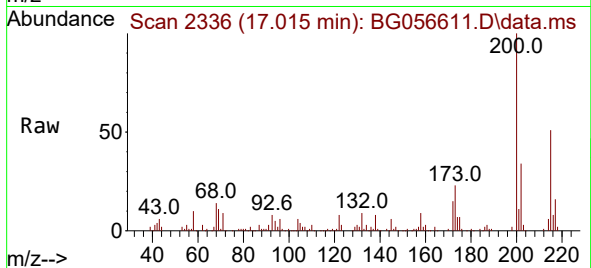
VNJ-208MSD

Tgt Ion:200 Resp: 126962
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.2 43.2
 215 50.8 30.7 70.7

Manual Integrations

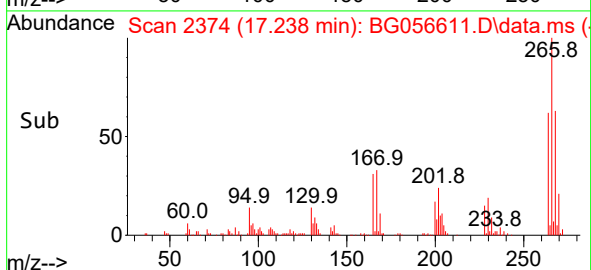
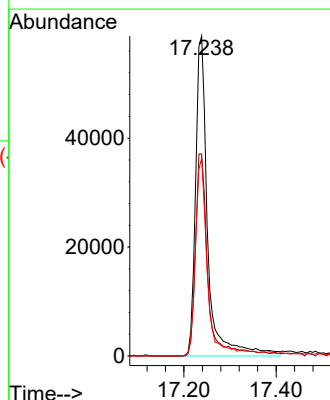
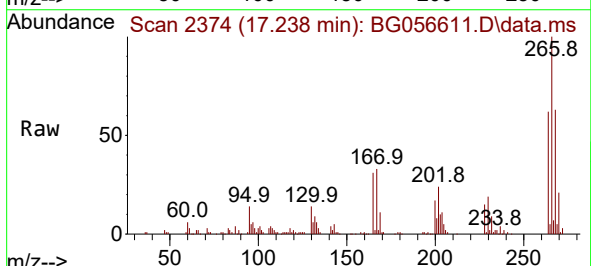
APPROVED

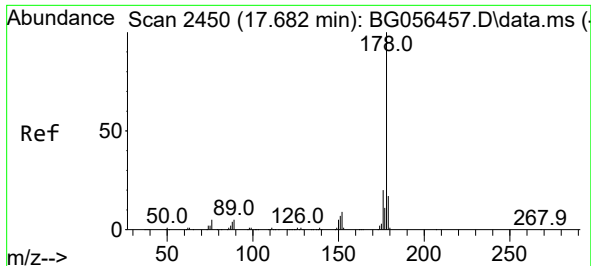
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#70
 Pentachlorophenol
 Concen: 60.298 ng
 RT: 17.238 min Scan# 2374
 Delta R.T. 0.000 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

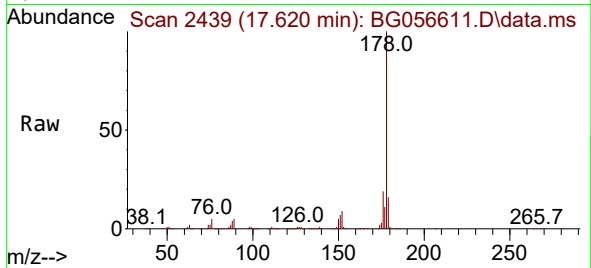
Tgt Ion:266 Resp: 107688
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.2 75.4
 264 61.8 51.4 77.0





#71
Phenanthrene
Concen: 47.759 ng
RT: 17.620 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

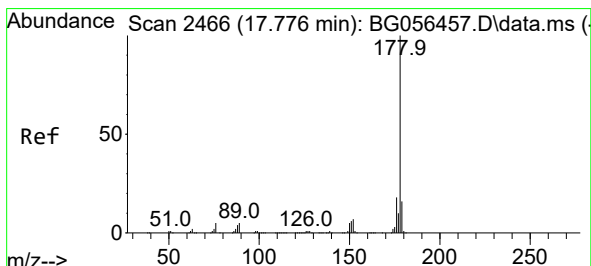
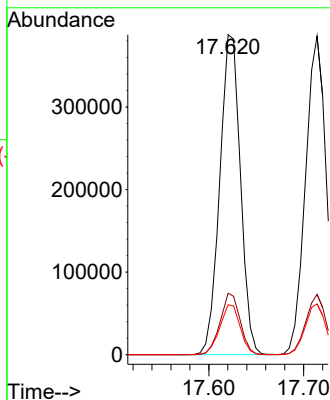
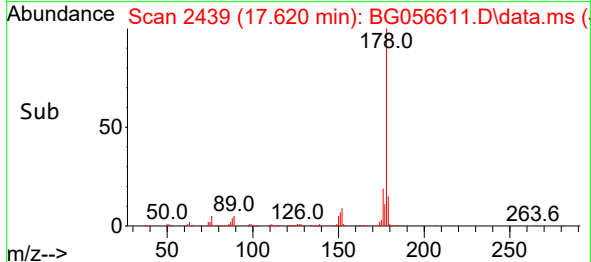
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



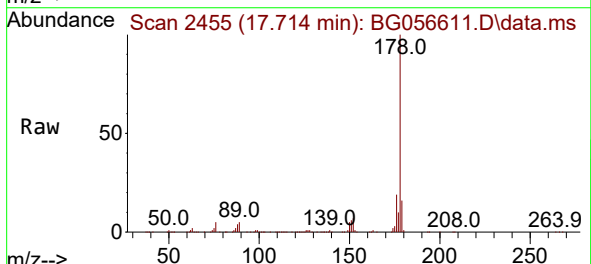
Tgt Ion:178 Resp: 58841
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.6 13.3 19.9

Manual Integrations
APPROVED

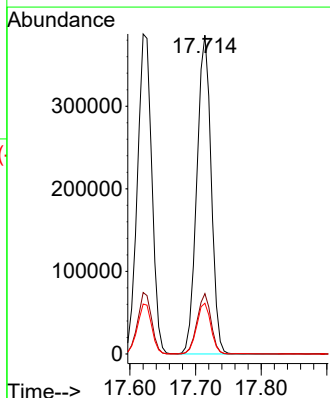
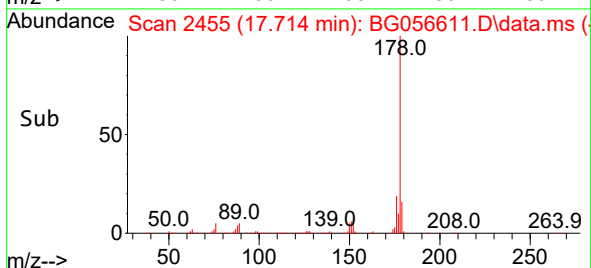
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

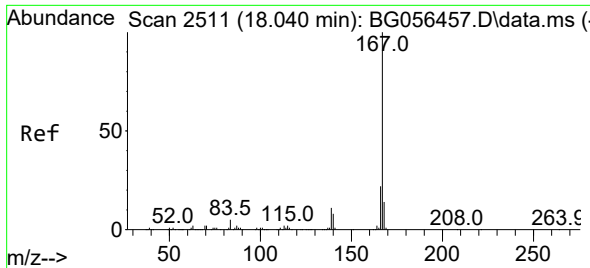


#72
Anthracene
Concen: 46.380 ng
RT: 17.714 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



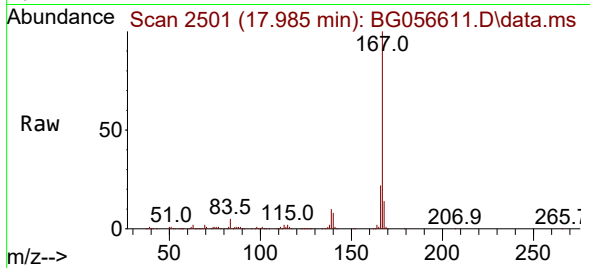
Tgt Ion:178 Resp: 586579
Ion Ratio Lower Upper
178 100
176 18.9 14.5 21.7
179 15.9 12.5 18.7





#73
Carbazole
Concen: 47.134 ng
RT: 17.985 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

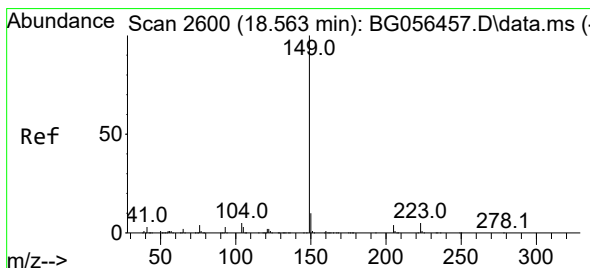
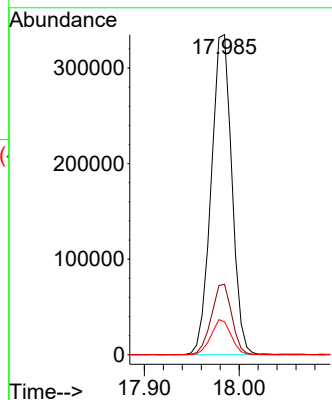
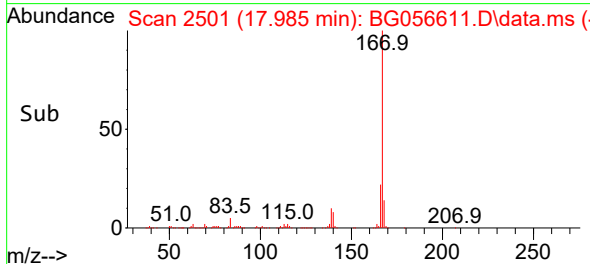
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



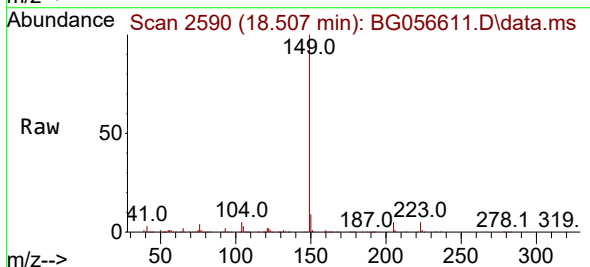
Tgt Ion:167 Resp: 507710
Ion Ratio Lower Upper
167 100
166 22.0 17.8 26.6
139 10.3 8.9 13.3

Manual Integrations
APPROVED

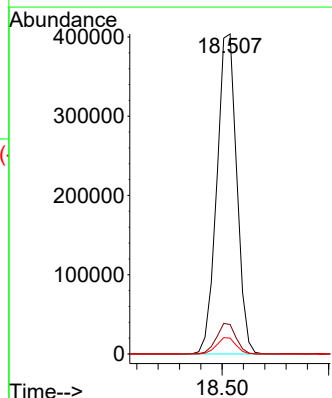
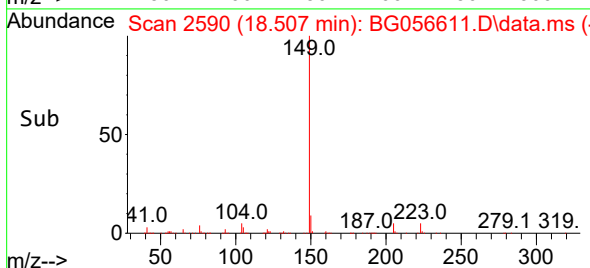
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

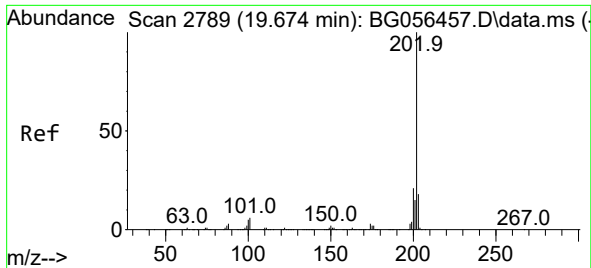


#74
Di-n-butylphthalate
Concen: 46.118 ng
RT: 18.507 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



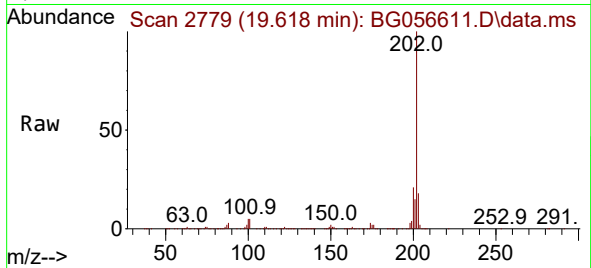
Tgt Ion:149 Resp: 521605
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 47.233 ng
RT: 19.618 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

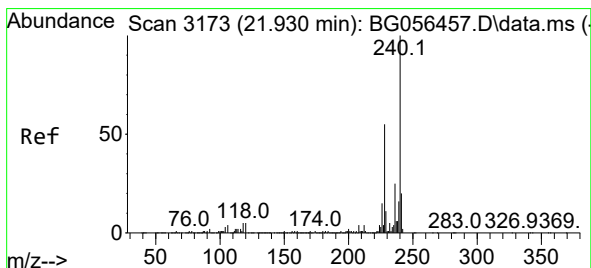
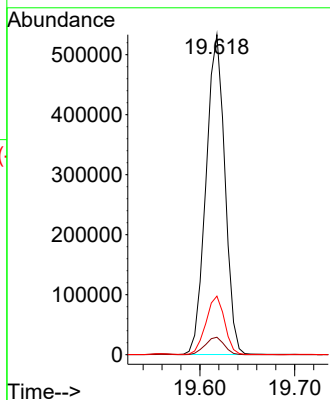
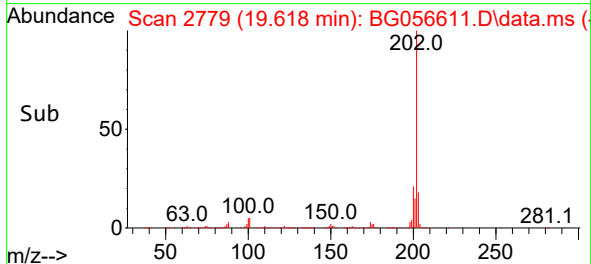
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:202 Resp: 734460
Ion Ratio Lower Upper
202 100
101 5.5 0.0 25.6
203 18.3 0.0 38.1

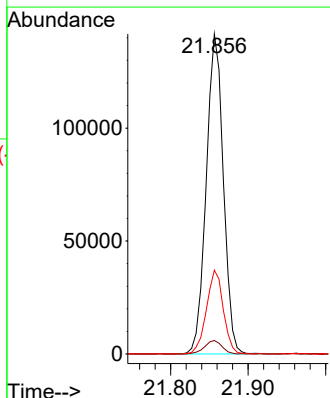
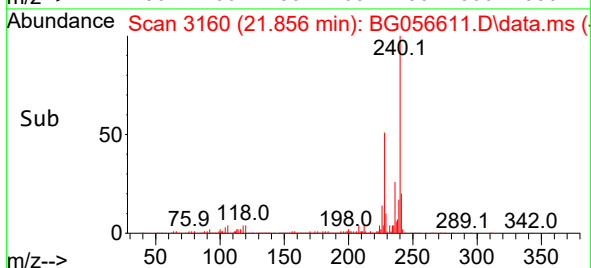
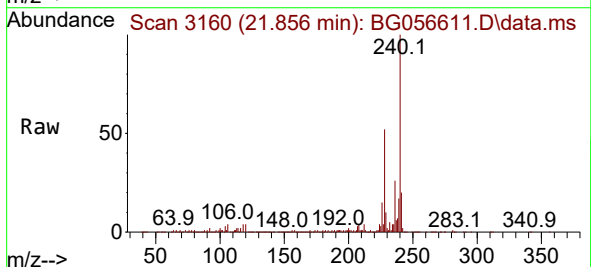
Manual Integrations
APPROVED

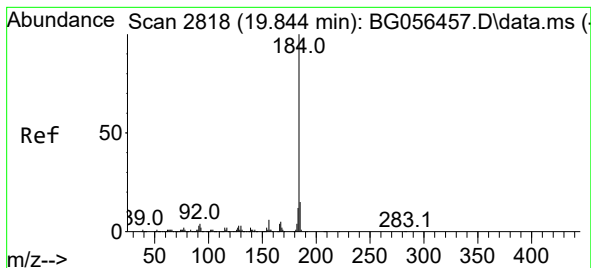
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3160
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:240 Resp: 217119
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 26.2 20.2 30.2





#77

Benzidine

Concen: 55.128 ng

RT: 19.788 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BG056611.D

Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

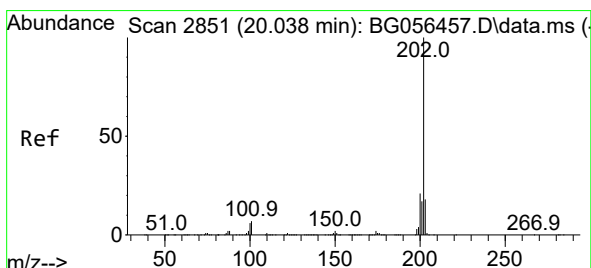
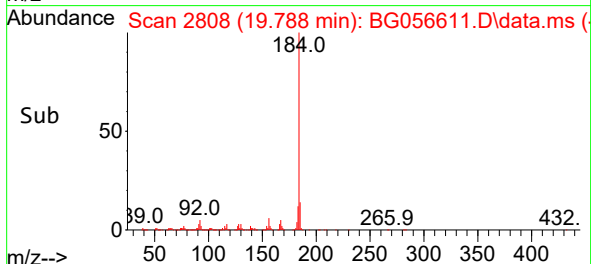
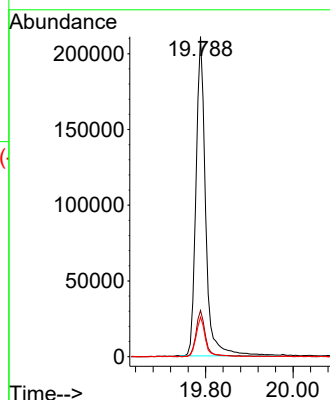
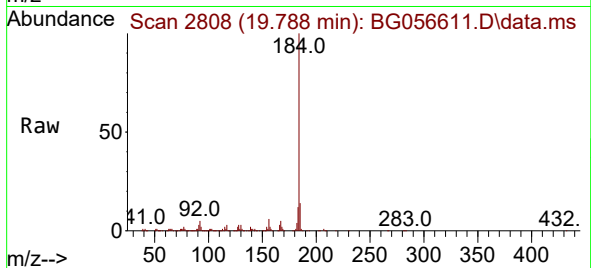
VNJ-208MSD

Tgt Ion:	184	Resp:	323900
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.3	18.5
183	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#78

Pyrene

Concen: 48.129 ng

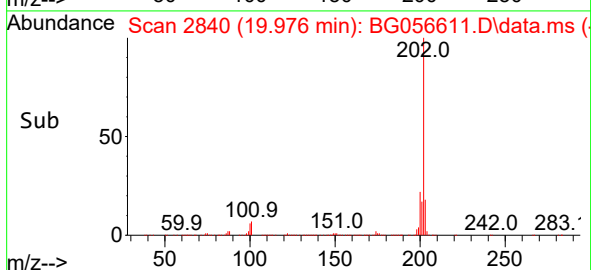
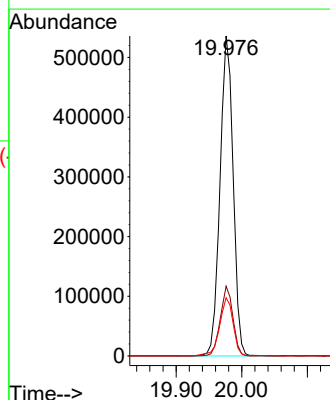
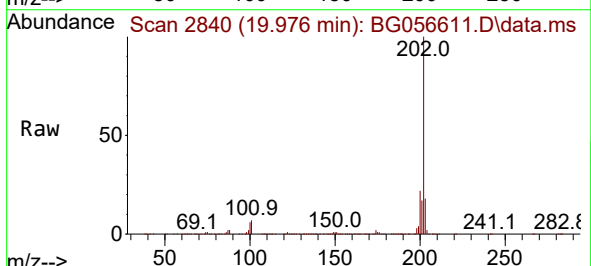
RT: 19.976 min Scan# 2840

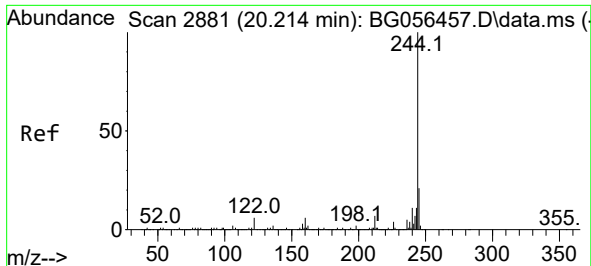
Delta R.T. -0.005 min

Lab File: BG056611.D

Acq: 10 Feb 2023 18:41

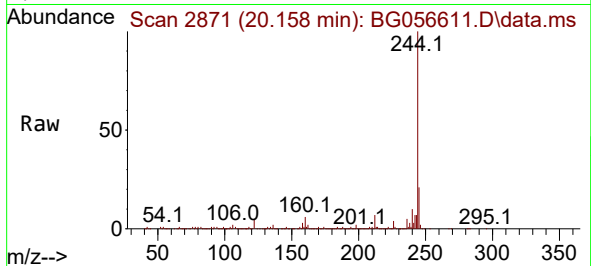
Tgt Ion:	202	Resp:	743200
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.7	25.1
203	18.2	14.4	21.6





#79
 Terphenyl-d14
 Concen: 79.830 ng
 RT: 20.158 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

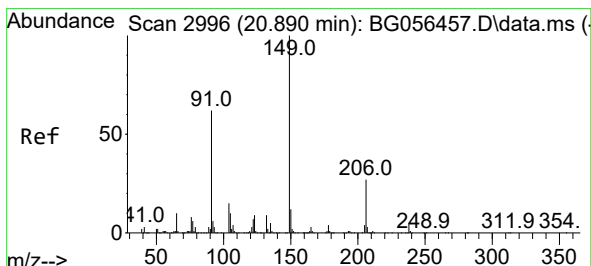
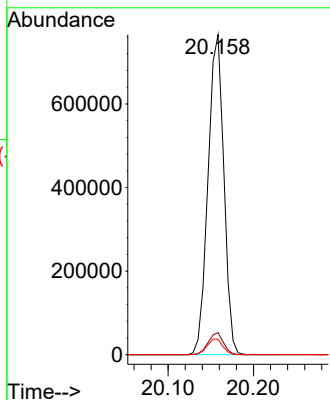
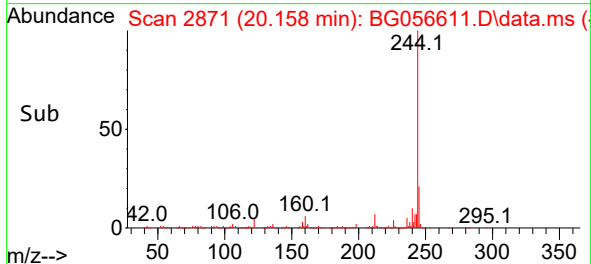
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208MSD



Tgt Ion:244 Resp: 98685
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 4.8 4.4 6.6

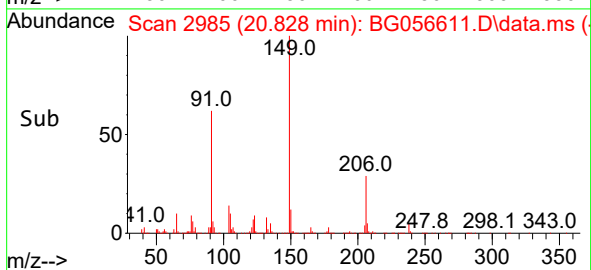
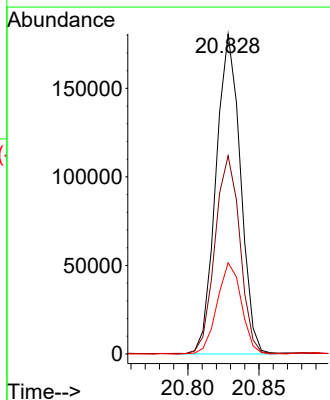
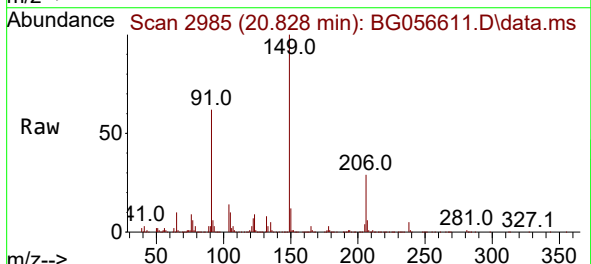
Manual Integrations
 APPROVED

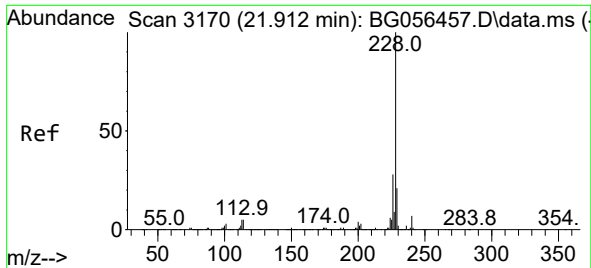
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#80
 Butylbenzylphthalate
 Concen: 45.888 ng
 RT: 20.828 min Scan# 2985
 Delta R.T. -0.005 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

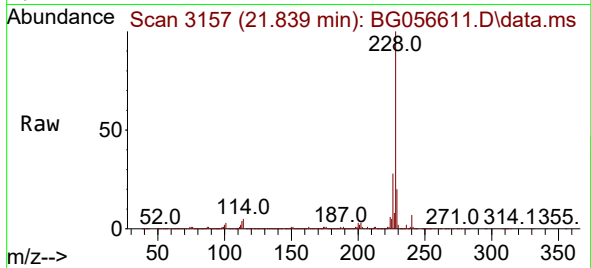
Tgt Ion:149 Resp: 216408
 Ion Ratio Lower Upper
 149 100
 91 62.0 49.4 74.0
 206 28.5 22.0 33.0





#81
Benzo(a)anthracene
Concen: 47.332 ng
RT: 21.839 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

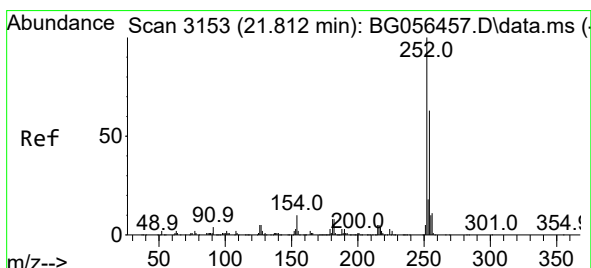
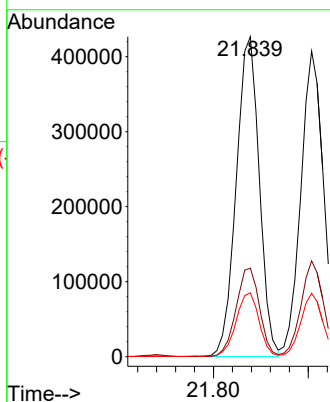
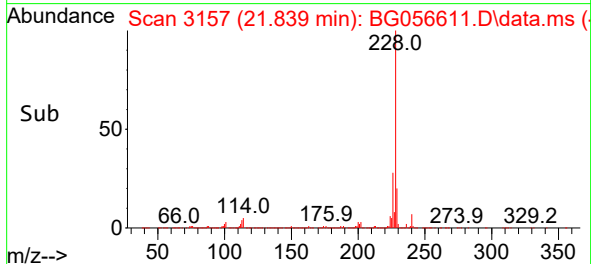
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



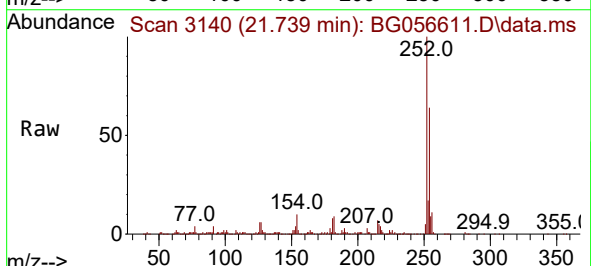
Tgt Ion:228 Resp: 718459
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 19.9 16.5 24.7

Manual Integrations
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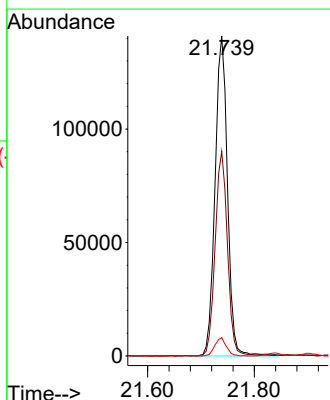
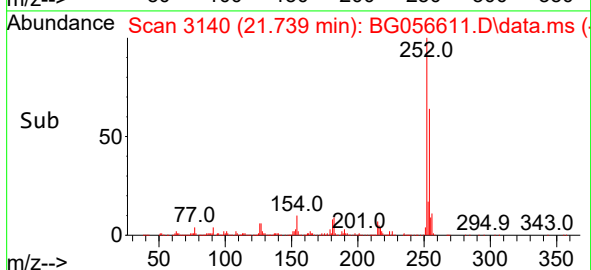
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

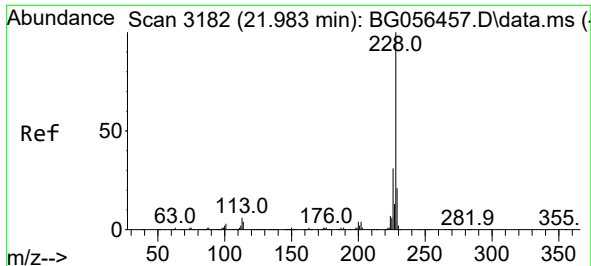


#82
3,3'-Dichlorobenzidine
Concen: 41.739 ng
RT: 21.739 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41



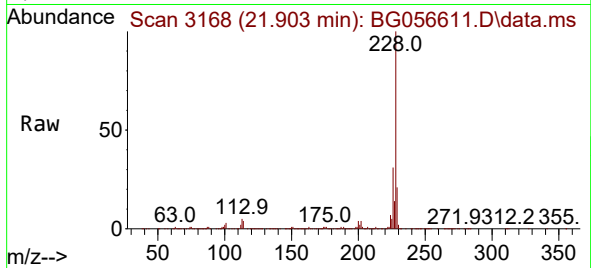
Tgt Ion:252 Resp: 228151
Ion Ratio Lower Upper
252 100
254 64.0 50.0 75.0
126 5.7 4.3 6.5





#83
Chrysene
Concen: 47.128 ng
RT: 21.903 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

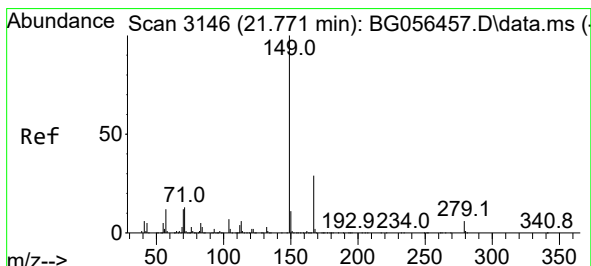
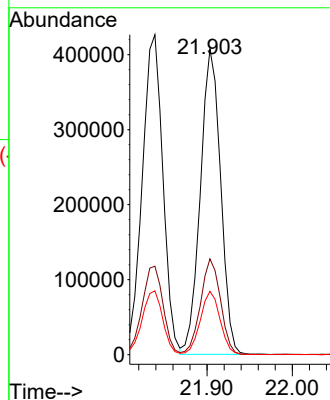
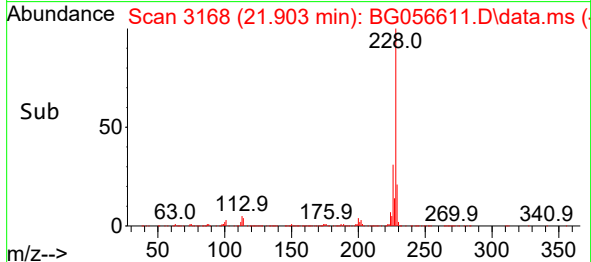
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:228 Resp: 672064
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 20.7 16.4 24.6

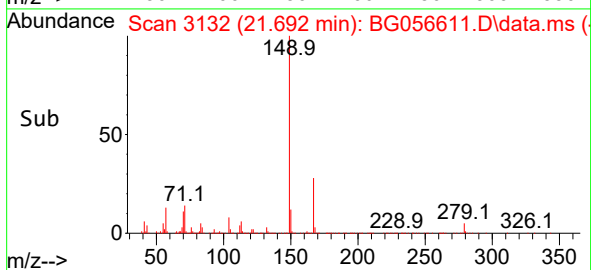
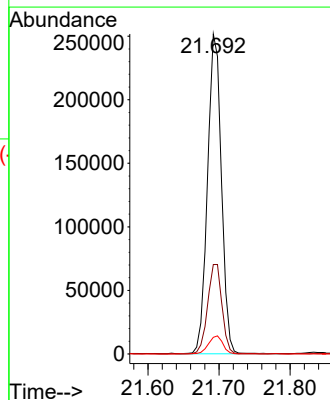
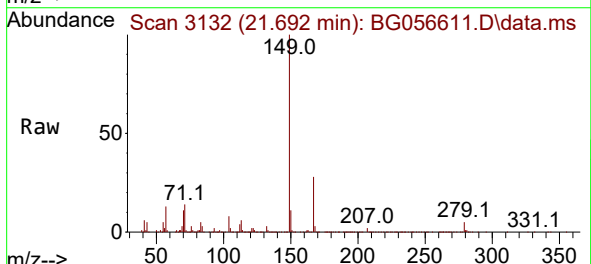
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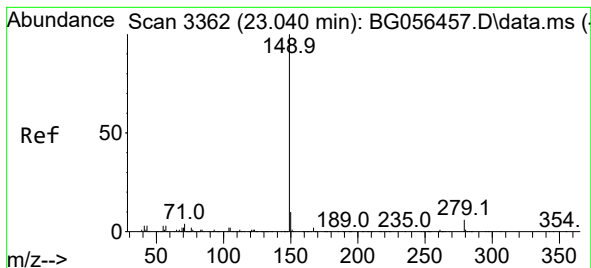
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.576 ng
RT: 21.692 min Scan# 3132
Delta R.T. -0.005 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:149 Resp: 341969
Ion Ratio Lower Upper
149 100
167 27.9 23.4 35.2
279 5.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 46.121 ng

RT: 22.943 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056611.D

Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

VNJ-208MSD

Tgt Ion:149 Resp: 51932

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

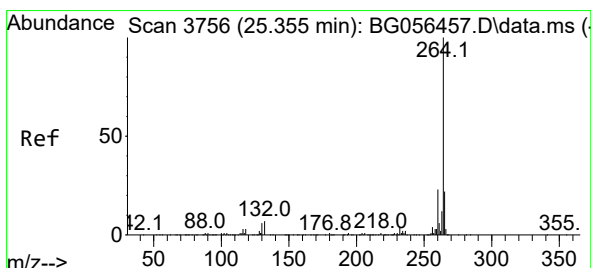
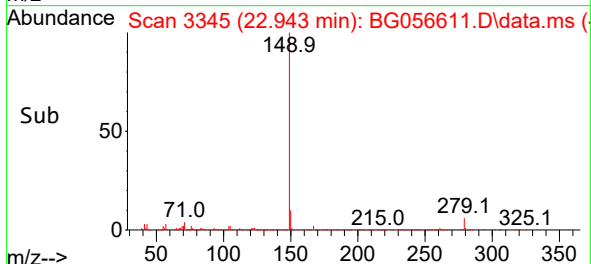
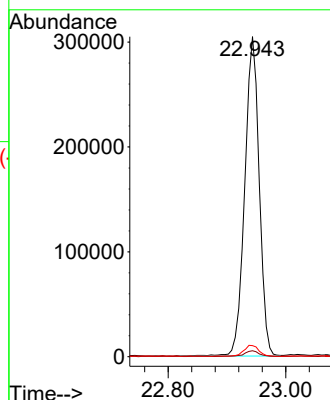
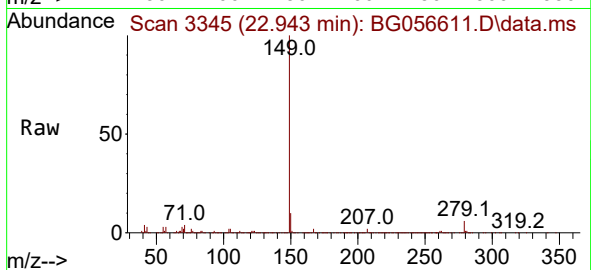
43 3.5 2.7 4.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.223 min Scan# 3733

Delta R.T. -0.011 min

Lab File: BG056611.D

Acq: 10 Feb 2023 18:41

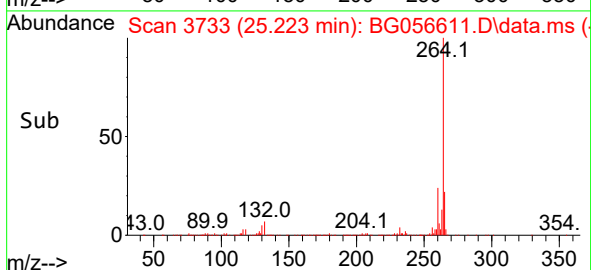
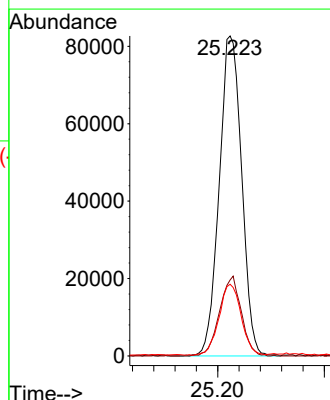
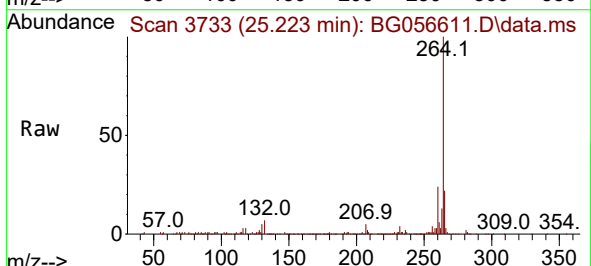
Tgt Ion:264 Resp: 241535

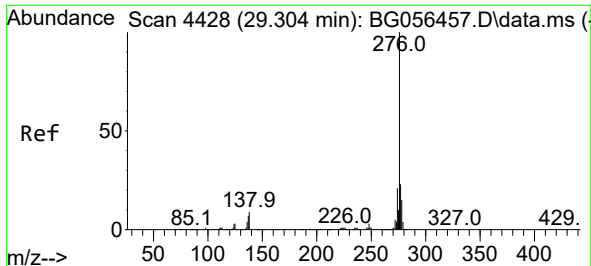
Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.4 18.1 27.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.329 ng
 RT: 29.113 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

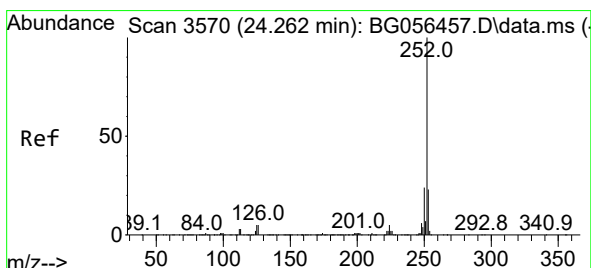
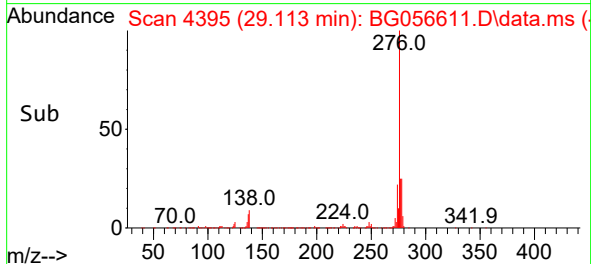
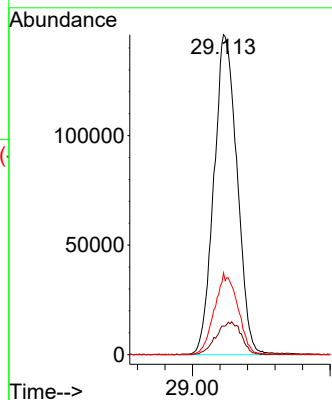
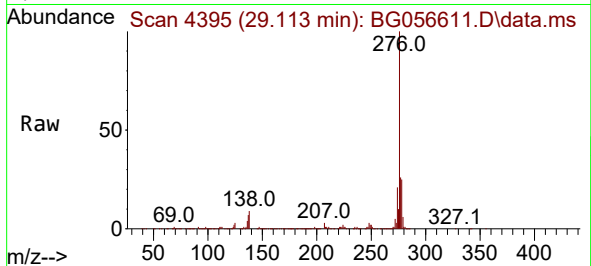
ClientSampleId :

VNJ-208MSD

Tgt Ion:276 Resp: 85448
 Ion Ratio Lower Upper
 276 100
 138 0.0 9.4 14.2
 277 25.4 20.3 30.5

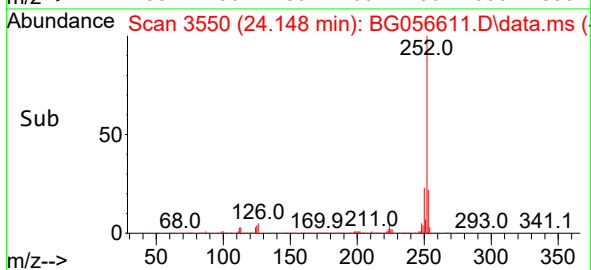
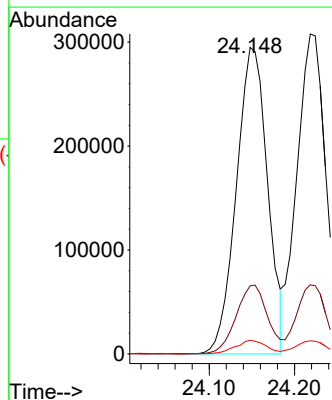
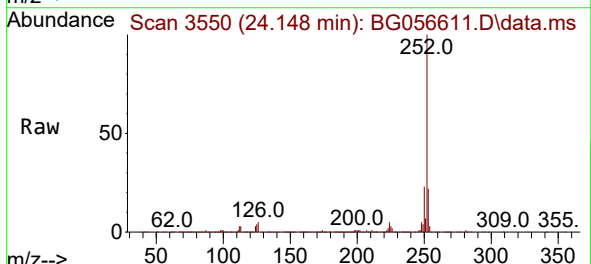
Manual Integrations
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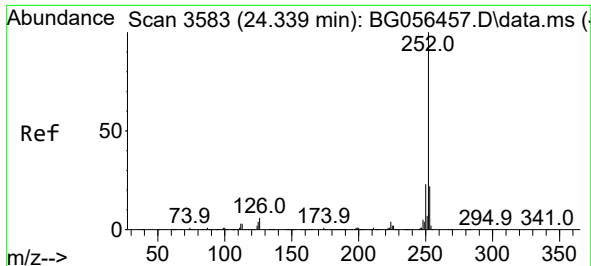
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#88
 Benzo(b)fluoranthene
 Concen: 49.954 ng
 RT: 24.148 min Scan# 3550
 Delta R.T. -0.011 min
 Lab File: BG056611.D
 Acq: 10 Feb 2023 18:41

Tgt Ion:252 Resp: 748899
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.1 27.1
 125 4.5 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 48.200 ng
RT: 24.218 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Instrument :

BNA_G

ClientSampleId :

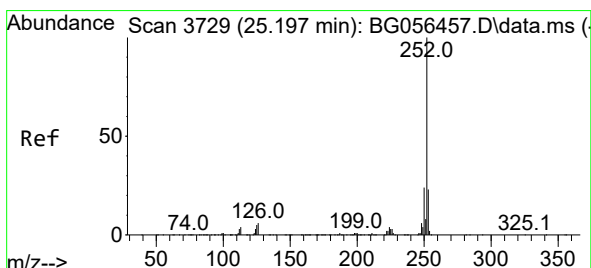
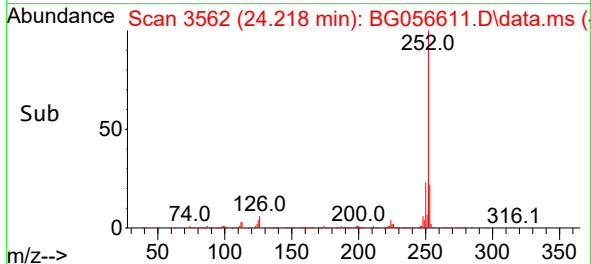
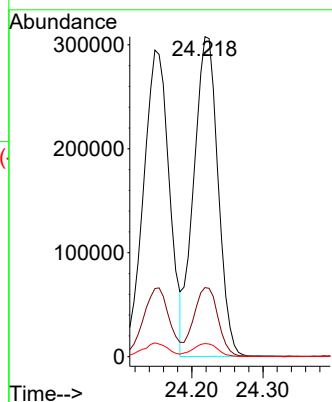
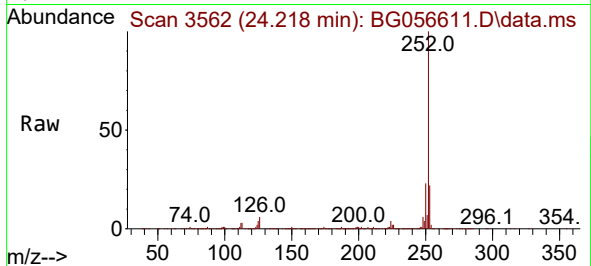
VNJ-208MSD

Tgt Ion:252 Resp: 72956
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 4.1 3.4 5.0

Manual Integrations

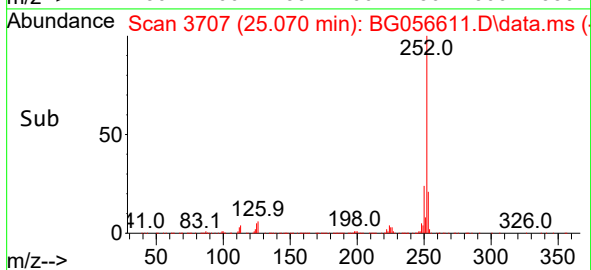
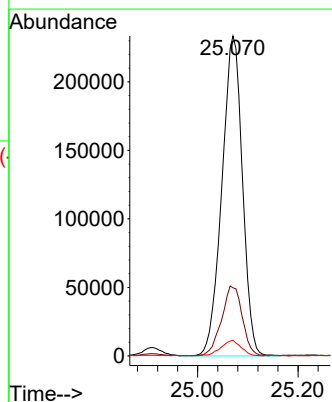
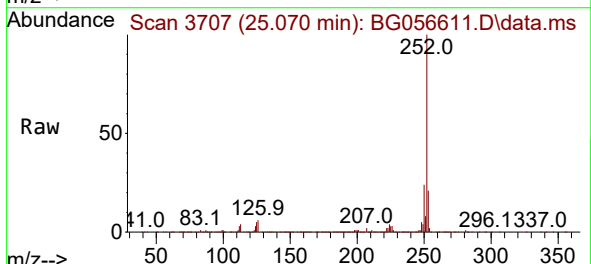
APPROVED

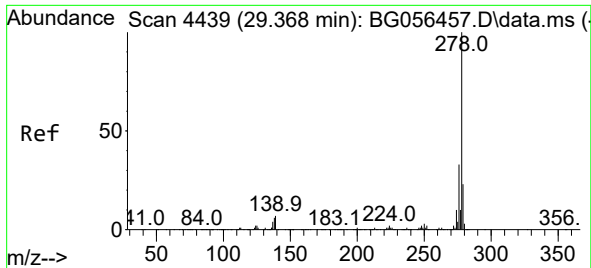
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#90
Benzo(a)pyrene
Concen: 44.848 ng
RT: 25.070 min Scan# 3707
Delta R.T. -0.011 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

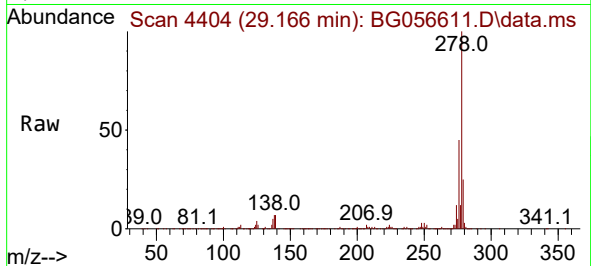
Tgt Ion:252 Resp: 662314
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 5.0 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 47.649 ng
RT: 29.166 min Scan# 4439
Delta R.T. -0.017 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

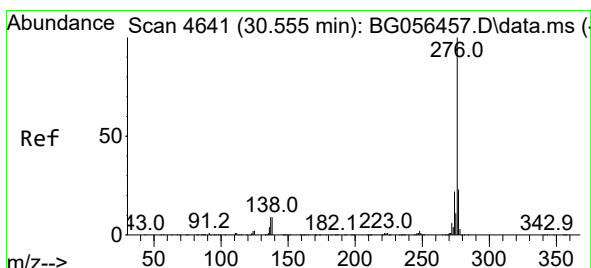
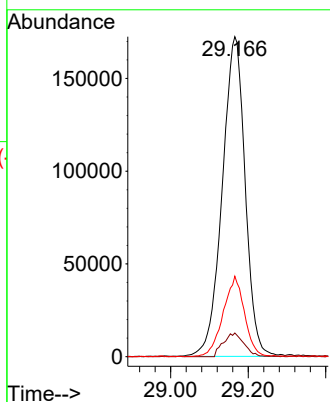
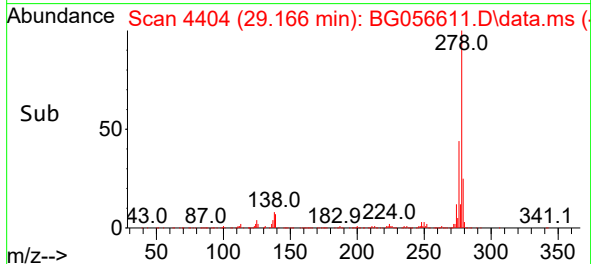
Instrument :
BNA_G
ClientSampleId :
VNJ-208MSD



Tgt Ion:278 Resp: 70715
Ion Ratio Lower Upper
278 100
139 7.4 5.5 8.3
279 25.1 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#92
Benzo(g,h,i)perylene
Concen: 48.503 ng
RT: 30.341 min Scan# 4604
Delta R.T. -0.011 min
Lab File: BG056611.D
Acq: 10 Feb 2023 18:41

Tgt Ion:276 Resp: 694573
Ion Ratio Lower Upper
276 100
277 23.0 18.5 27.7
138 9.5 7.4 11.0

