

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056610.D
 Acq On : 10 Feb 2023 18:00
 Operator : CG/JU
 Sample : 01513-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208MS

Manual Integrations
 APPROVED

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

Quant Time: Feb 10 22:48:47 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	8.213	152	27371	20.000	ng	# 0.00
21) Naphthalene-d8	11.045	136	110667	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	91549	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	233967	20.000	ng	0.00
76) Chrysene-d12	21.856	240	218062	20.000	ng	0.00
86) Perylene-d12	25.229	264	241037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	208077	139.847	ng	0.00
7) Phenol-d6	7.367	99	291517	132.233	ng	0.00
23) Nitrobenzene-d5	9.388	82	151946	77.966	ng	0.00
42) 2,4,6-Tribromophenol	16.327	330	155883	128.079	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	508262	76.972	ng	0.00
79) Terphenyl-d14	20.158	244	976177	78.625	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.501	88	24536	39.603	ng	94
3) Pyridine	3.930	79	65469	35.449	ng	100
4) n-Nitrosodimethylamine	3.842	42	17037	43.379	ng	97
6) Aniline	7.526	93	118075	40.908	ng	98
8) 2-Chlorophenol	7.773	128	83317	50.973	ng	99
9) Benzaldehyde	7.338	77	43220m	44.466	ng	
10) Phenol	7.397	94	111957	49.966	ng	98
11) bis(2-Chloroethyl)ether	7.614	93	69398	45.060	ng	92
12) 1,3-Dichlorobenzene	8.102	146	92558	49.182	ng	98
13) 1,4-Dichlorobenzene	8.248	146	93967	49.304	ng	99
14) 1,2-Dichlorobenzene	8.572	146	94101	50.889	ng	99
15) Benzyl Alcohol	8.448	79	68251	45.123	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.730	45	14573	44.658	ng	98
17) 2-Methylphenol	8.666	107	78584	46.100	ng	94
18) Hexachloroethane	9.306	117	28241	48.992	ng	95
19) n-Nitroso-di-n-propyla...	9.018	70	52222	41.105	ng	98
20) 3+4-Methylphenols	8.989	107	109893	46.002	ng	98
22) Acetophenone	9.042	105	127846	43.479	ng	98
24) Nitrobenzene	9.435	77	83328	44.327	ng	95
25) Isophorone	9.952	82	162416	40.396	ng	97
26) 2-Nitrophenol	10.152	139	52325	45.877	ng	99
27) 2,4-Dimethylphenol	10.205	122	93718m	49.098	ng	
28) bis(2-Chloroethoxy)met...	10.428	93	95827	43.144	ng	97
29) 2,4-Dichlorophenol	10.699	162	106453	49.545	ng	96
30) 1,2,4-Trichlorobenzene	10.904	180	114145	47.807	ng	96
31) Naphthalene	11.098	128	274640	47.019	ng	98
32) Benzoic acid	10.364	122	27743m	25.978	ng	
33) 4-Chloroaniline	11.204	127	87733	32.177	ng	98
34) Hexachlorobutadiene	11.368	225	80156	47.827	ng	93
35) Caprolactam	11.979	113	31654m	43.683	ng	
36) 4-Chloro-3-methylphenol	12.320	107	99927	48.159	ng	97
37) 2-Methylnaphthalene	12.684	142	216054	44.867	ng	99
38) 1-Methylnaphthalene	12.902	142	200145	44.503	ng	95
40) 1,2,4,5-Tetrachloroben...	13.049	216	161537	48.298	ng	99
41) Hexachlorocyclopentadiene	13.019	237	88283	52.199	ng	99
43) 2,4,6-Trichlorophenol	13.290	196	104057	48.279	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.372	196	112520	44.589	ng	97
46) 1,1'-Biphenyl	13.677	154	310084	46.698	ng	99
47) 2-Chloronaphthalene	13.724	162	247809	47.745	ng	98
48) 2-Nitroaniline	13.930	65	50248	46.832	ng	95
49) Acenaphthylene	14.570	152	391258	46.333	ng	100
50) Dimethylphthalate	14.283	163	321166	43.362	ng	99
51) 2,6-Dinitrotoluene	14.412	165	70475	43.632	ng	97
52) Acenaphthene	14.905	154	234694	46.867	ng	97
53) 3-Nitroaniline	14.747	138	59644	38.090	ng	98
54) 2,4-Dinitrophenol	14.964	184	69726	68.858	ng	97
55) Dibenzofuran	15.234	168	418160	46.562	ng	99
56) 4-Nitrophenol	15.070	139	94413	88.239	ng	97
57) 2,4-Dinitrotoluene	15.205	165	105375	46.316	ng	# 99
58) Fluorene	15.881	166	335585	46.961	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.469	232	99302	44.258	ng	98
60) Diethylphthalate	15.634	149	305797	43.969	ng	99
61) 4-Chlorophenyl-phenyle...	15.863	204	200141	45.899	ng	98
62) 4-Nitroaniline	15.910	138	71315	45.514	ng	99
63) Azobenzene	16.157	77	252724	52.810	ng	98
65) 4,6-Dinitro-2-methylph...	15.969	198	62146	37.781	ng	100
66) n-Nitrosodiphenylamine	16.080	169	304716	46.000	ng	99
67) 4-Bromophenyl-phenylether	16.756	248	138216	46.146	ng	99
68) Hexachlorobenzene	16.891	284	144312	49.193	ng	96
69) Atrazine	17.015	200	127343	49.829	ng	98
70) Pentachlorophenol	17.238	266	102464	57.725	ng	97
71) Phenanthrene	17.620	178	578785	47.265	ng	99
72) Anthracene	17.714	178	582238	46.319	ng	98
73) Carbazole	17.984	167	505303	47.198	ng	99
74) Di-n-butylphthalate	18.507	149	517069	45.997	ng	99
75) Fluoranthene	19.617	202	729359	47.192	ng	99
77) Benzidine	19.788	184	309162	52.391	ng	98
78) Pyrene	19.976	202	739502	47.682	ng	99
80) Butylbenzylphthalate	20.828	149	216012	45.606	ng	100
81) Benzo(a)anthracene	21.838	228	713602	46.809	ng	99
82) 3,3'-Dichlorobenzidine	21.739	252	221779	40.397	ng	98
83) Chrysene	21.903	228	667284	46.590	ng	100
84) Bis(2-ethylhexyl)phtha...	21.692	149	339537	49.999	ng	99
85) Di-n-octyl phthalate	22.943	149	520154	45.994	ng	100
87) Indeno(1,2,3-cd)pyrene	29.118	276	854916	48.453	ng	# 90
88) Benzo(b)fluoranthene	24.153	252	743845	49.719	ng	99
89) Benzo(k)fluoranthene	24.224	252	729813	48.316	ng	99
90) Benzo(a)pyrene	25.070	252	661252	44.869	ng	100
91) Dibenzo(a,h)anthracene	29.171	278	712176	48.086	ng	99
92) Benzo(g,h,i)perylene	30.340	276	698492	48.878	ng	98

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

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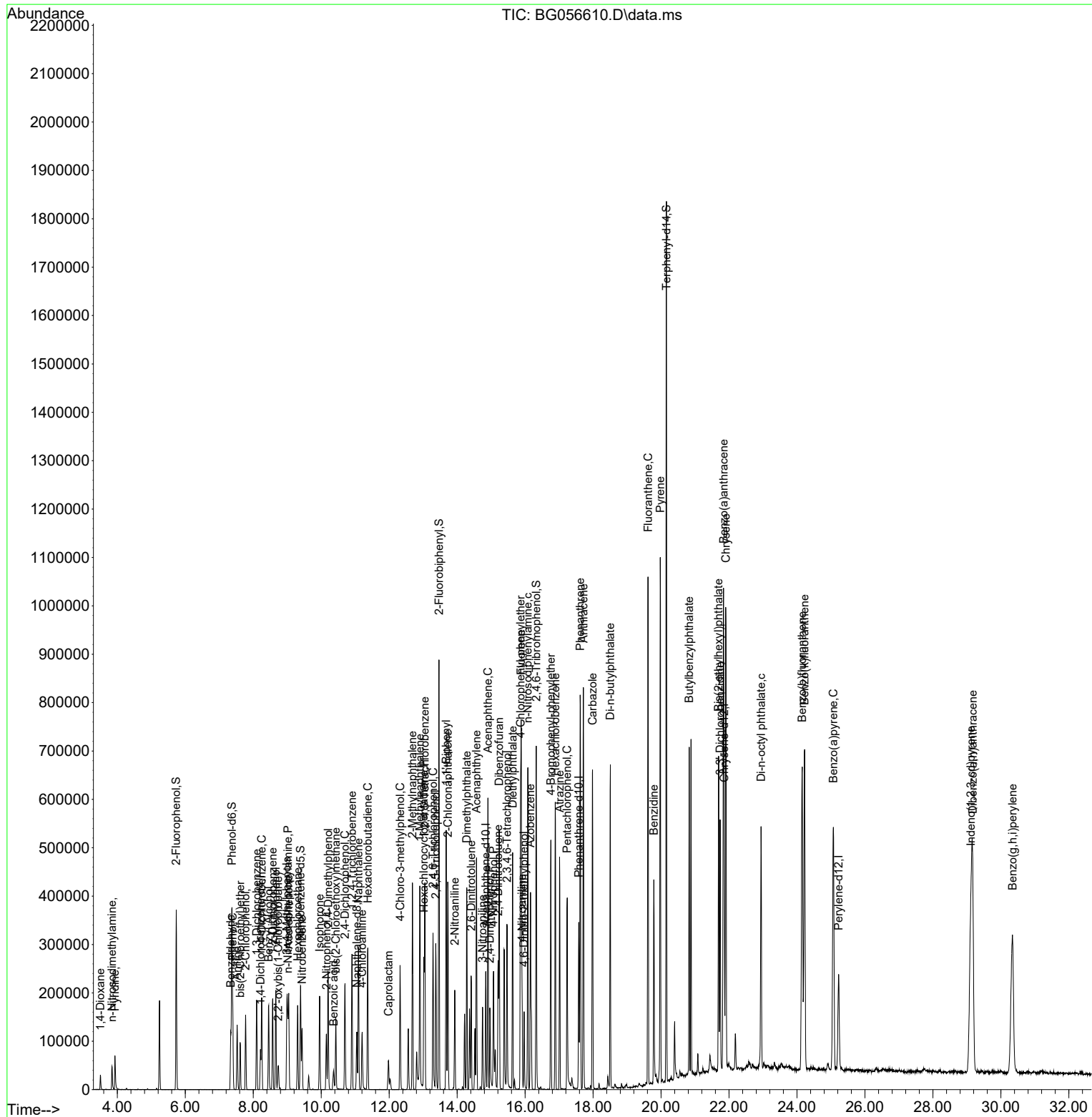
Quant Time: Feb 10 22:48:47 2023

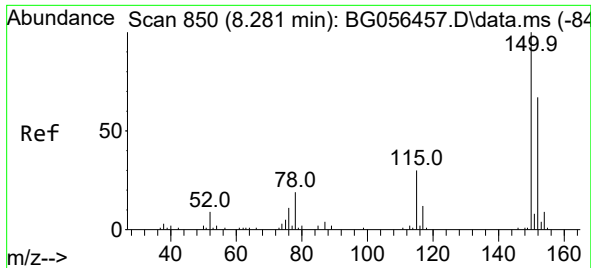
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QLast Update : Fri Feb 10 22:46:08 2023

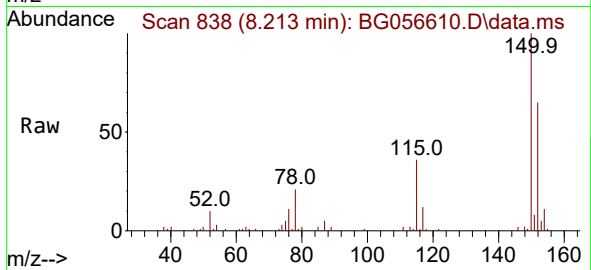
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.213 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

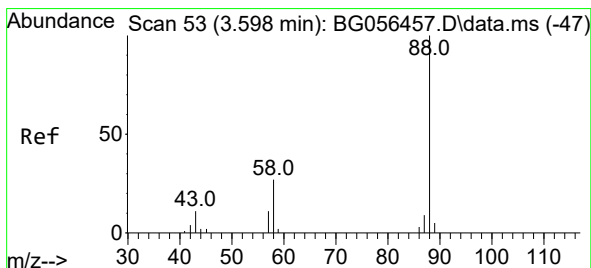
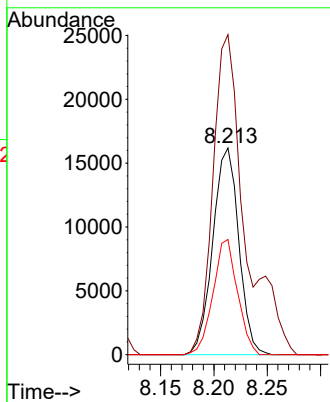
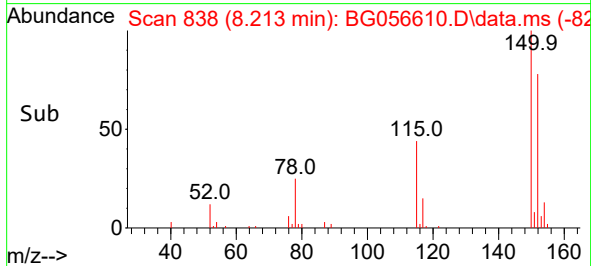
Instrument :
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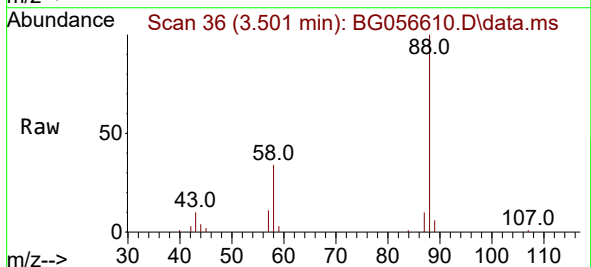
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Ion Ratio Lower Upper
152 100
150 154.8 120.2 180.4
115 55.7 36.3 54.5

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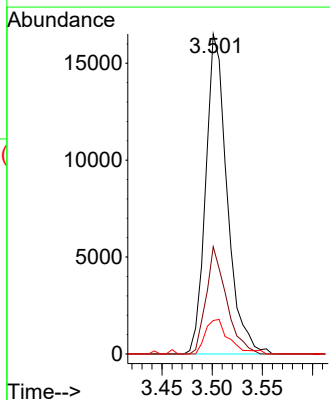
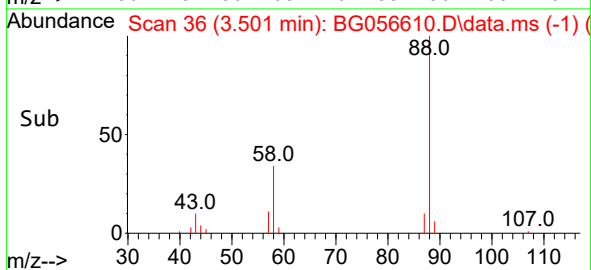
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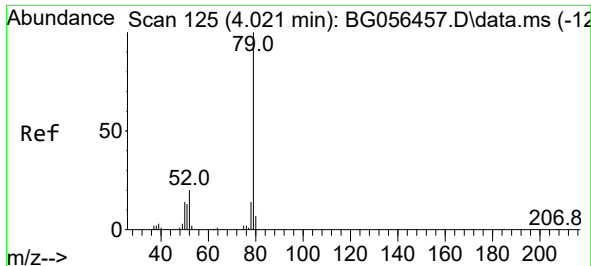


#2
1,4-Dioxane
Concen: 39.603 ng
RT: 3.501 min Scan# 36
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion: 88 Resp: 24536
Ion Ratio Lower Upper
88 100
58 31.9 23.0 34.4
43 11.9 8.0 12.0





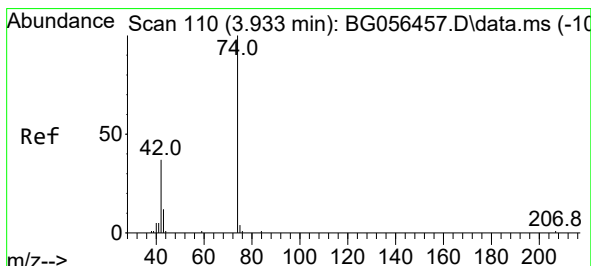
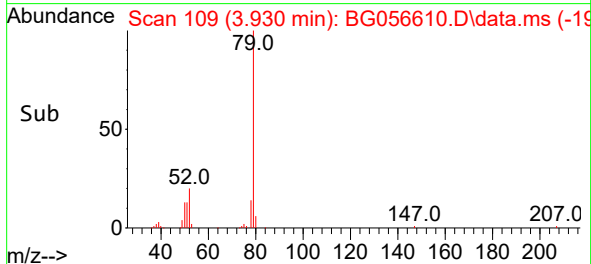
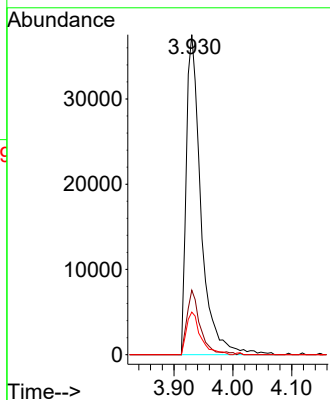
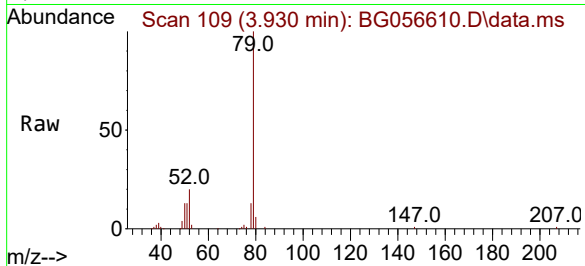
#3
Pyridine
Concen: 35.449 ng
RT: 3.930 min Scan# 109
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion: 79 Resp: 65469
Ion Ratio Lower Upper
79 100
52 20.2 16.1 24.1
51 13.3 10.7 16.1

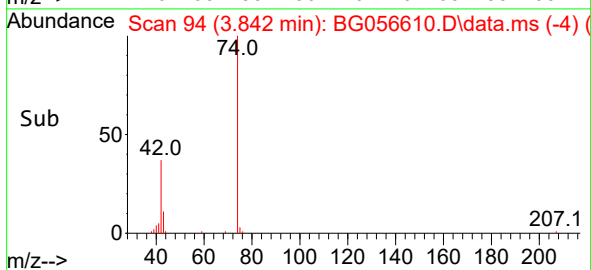
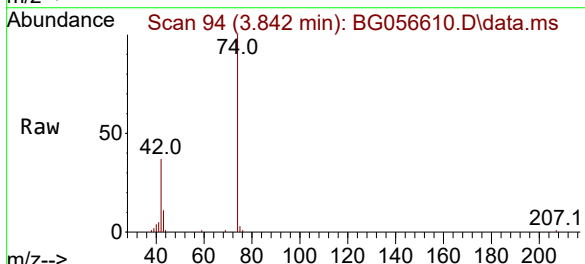
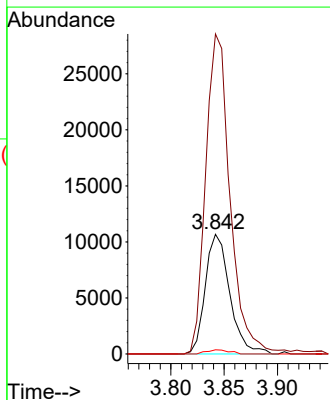
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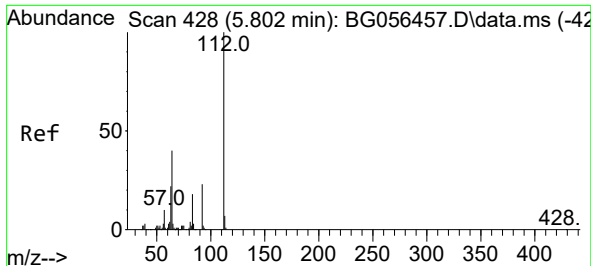
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#4
n-Nitrosodimethylamine
Concen: 43.379 ng
RT: 3.842 min Scan# 94
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion: 42 Resp: 17037
Ion Ratio Lower Upper
42 100
74 267.4 217.9 326.9
44 3.5 3.0 4.6





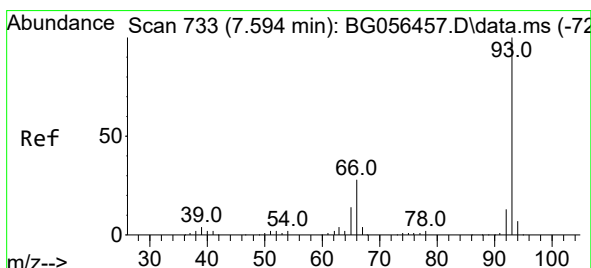
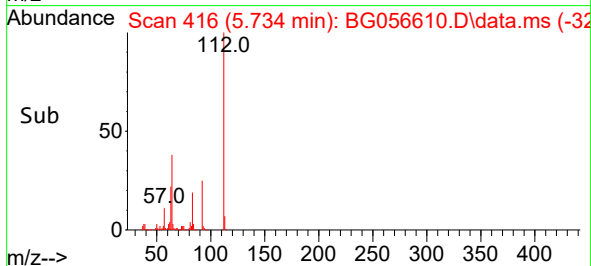
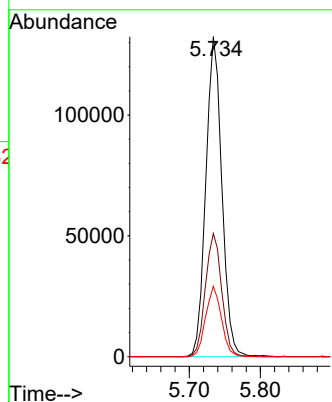
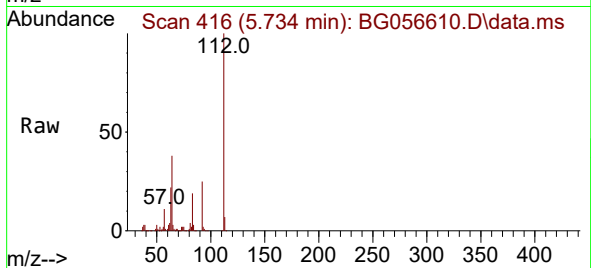
#5
2-Fluorophenol
Concen: 139.847 ng
RT: 5.734 min Scan# 416
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:112 Resp: 20807
Ion Ratio Lower Upper
112 100
64 38.5 31.9 47.9
63 22.0 17.4 26.0

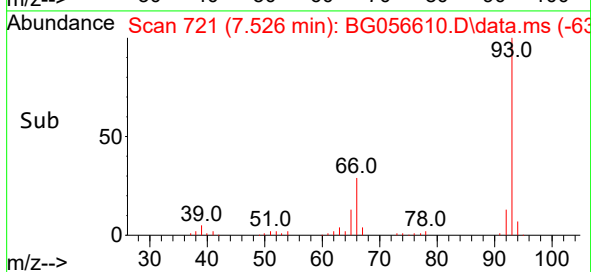
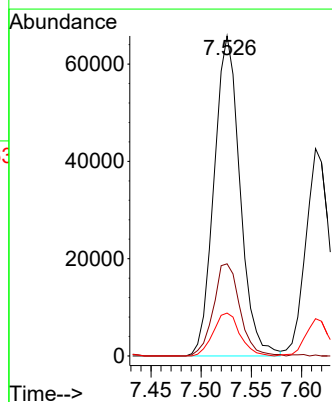
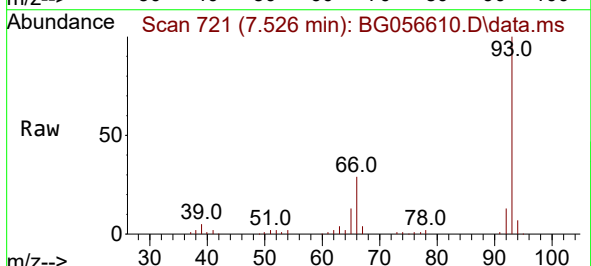
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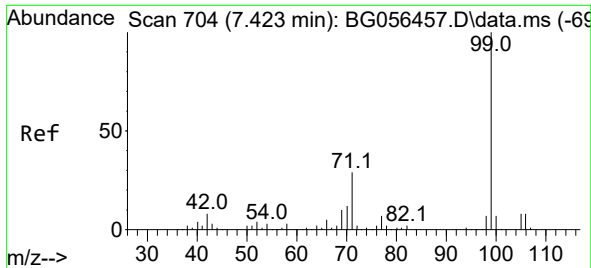
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#6
Aniline
Concen: 40.908 ng
RT: 7.526 min Scan# 721
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion: 93 Resp: 118075
Ion Ratio Lower Upper
93 100
66 28.8 22.2 33.2
65 13.4 11.3 16.9





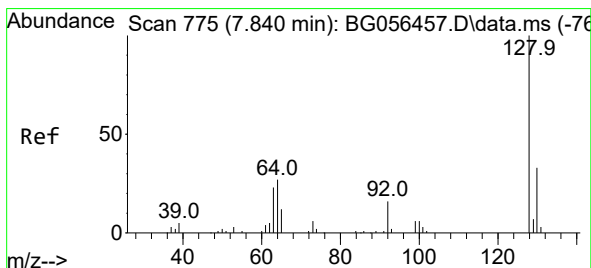
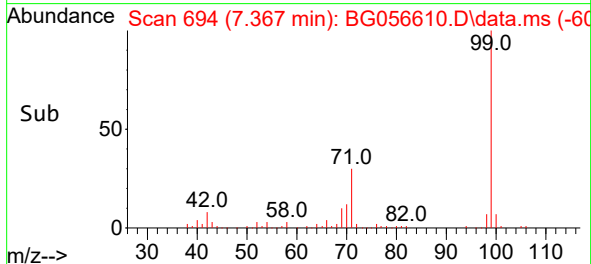
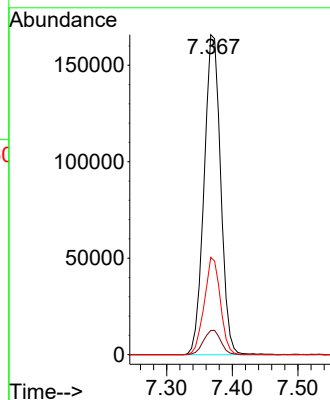
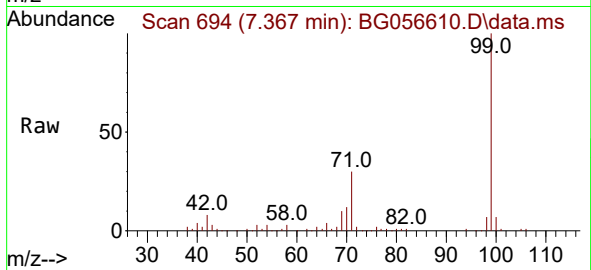
#7
Phenol-d6
Concen: 132.233 ng
RT: 7.367 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion: 99 Resp: 29151
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 30.4 23.4 35.0

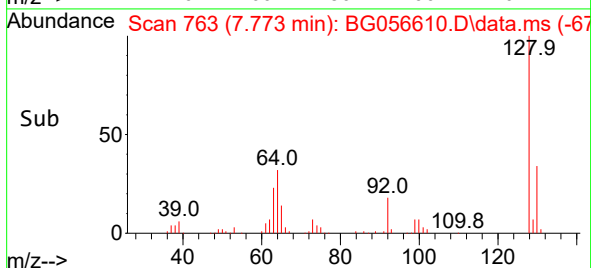
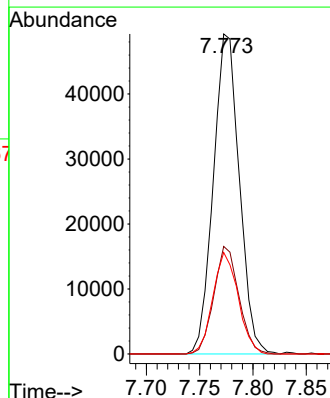
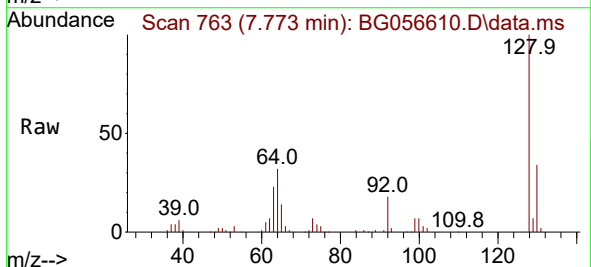
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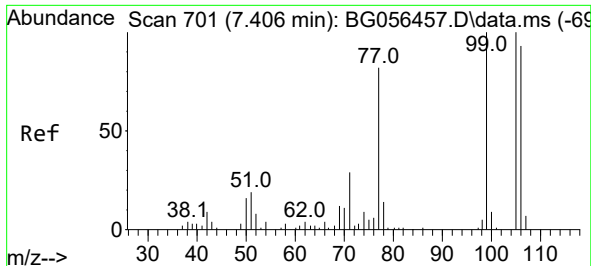
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#8
2-Chlorophenol
Concen: 50.973 ng
RT: 7.773 min Scan# 763
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:128 Resp: 83317
Ion Ratio Lower Upper
128 100
130 33.6 12.8 52.8
64 31.7 11.3 51.3





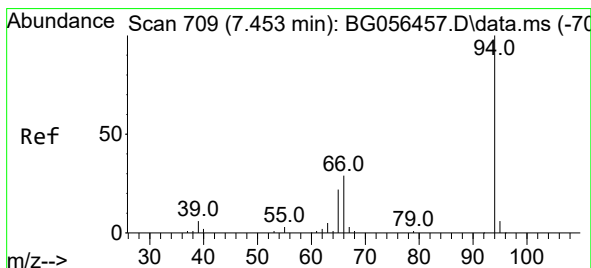
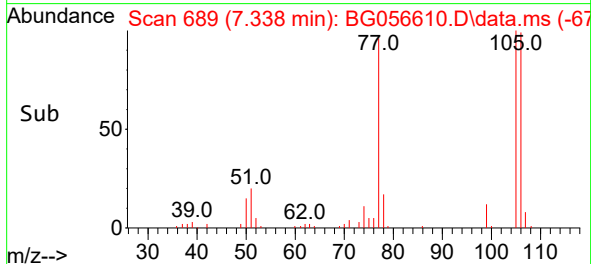
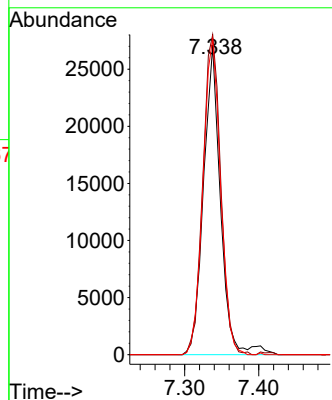
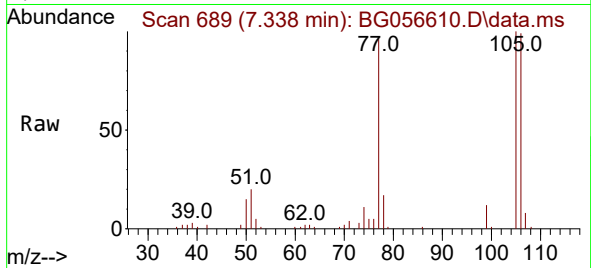
#9
Benzaldehyde
Concen: 44.466 ng m
RT: 7.338 min Scan# 699
Delta R.T. 0.006 min
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Tgt Ion: 77 Resp: 43220
Ion Ratio Lower Upper
77 100
105 103.7 101.8 141.8
106 102.4 93.0 133.0

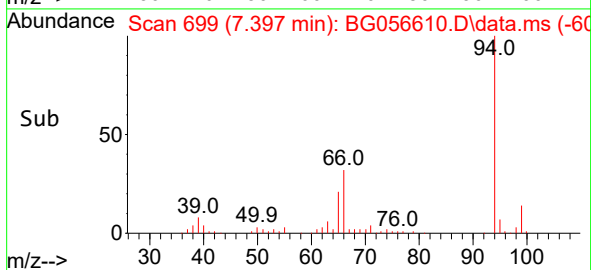
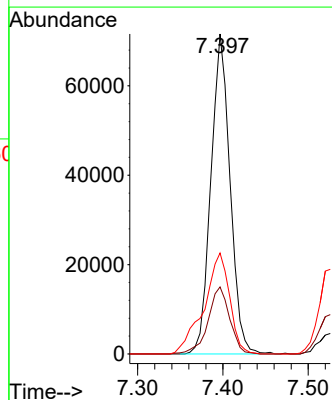
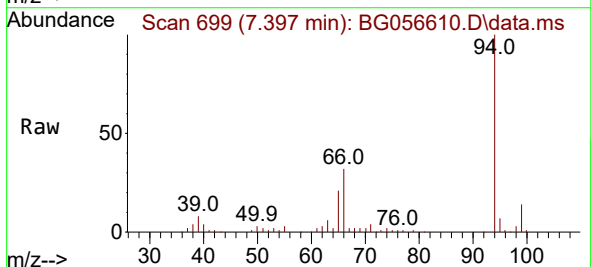
Manual Integrations
APPROVED

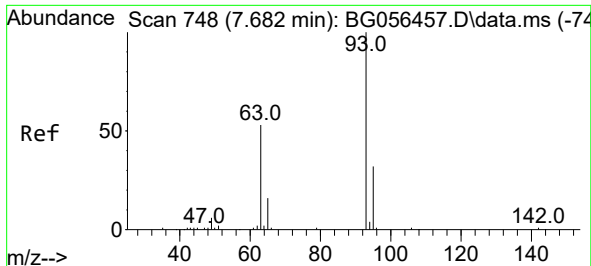
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#10
Phenol
Concen: 49.966 ng
RT: 7.397 min Scan# 699
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion: 94 Resp: 111957
Ion Ratio Lower Upper
94 100
65 21.0 2.3 42.3
66 31.6 11.2 51.2





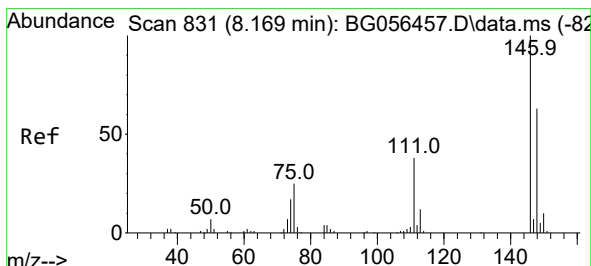
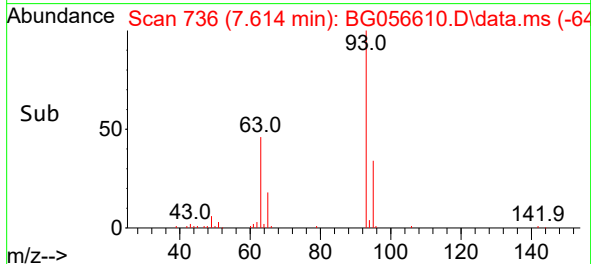
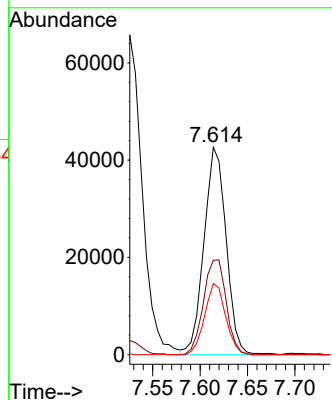
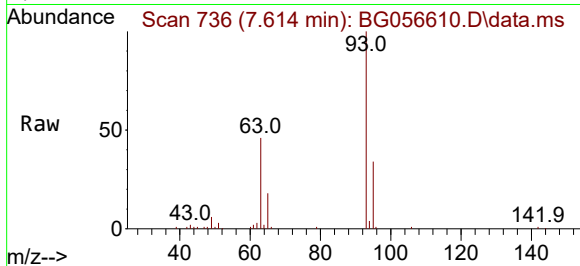
#11
bis(2-Chloroethyl)ether
Concen: 45.060 ng
RT: 7.614 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion: 93 Resp: 69398
Ion Ratio Lower Upper
93 100
63 45.5 32.4 72.4
95 34.3 11.8 51.8

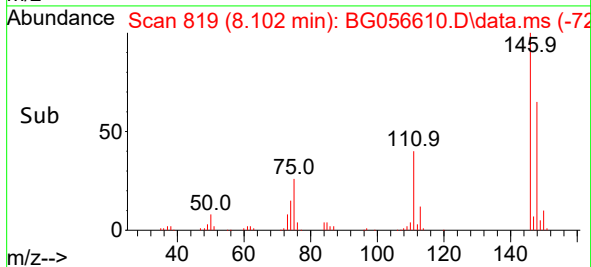
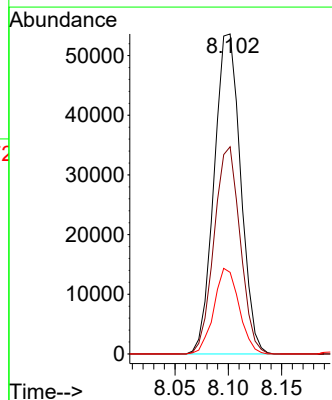
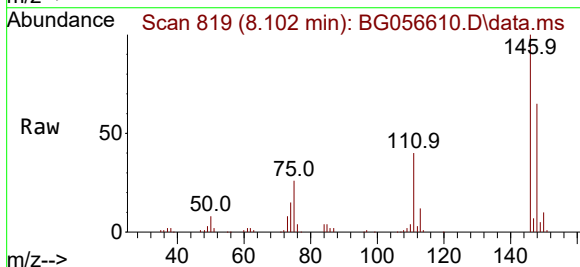
Manual Integrations
APPROVED

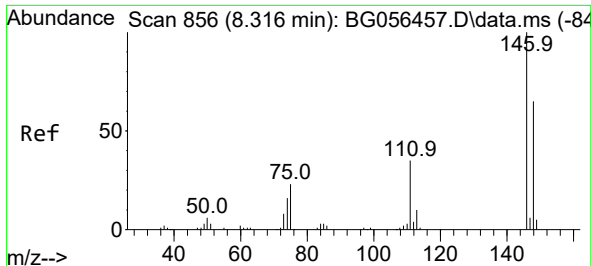
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#12
1,3-Dichlorobenzene
Concen: 49.182 ng
RT: 8.102 min Scan# 819
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:146 Resp: 92558
Ion Ratio Lower Upper
146 100
148 64.7 50.6 75.8
75 25.5 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 49.304 ng

RT: 8.248 min Scan# 84

Delta R.T. 0.006 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion:146 Resp: 9396

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

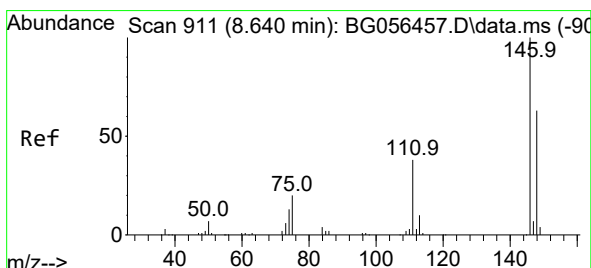
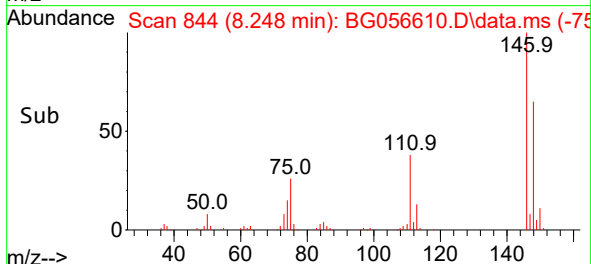
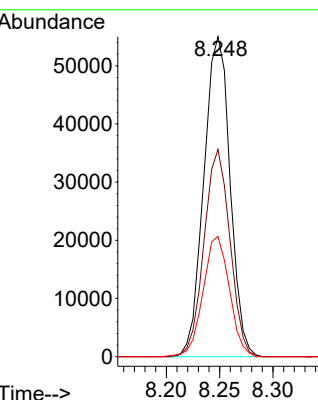
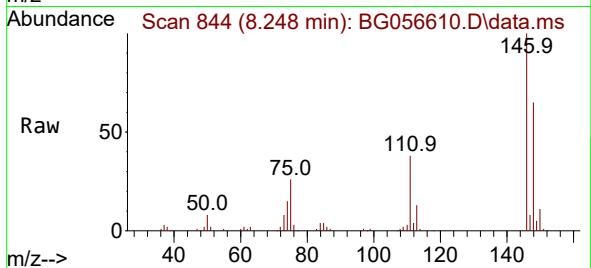
111 37.6 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#14

1,2-Dichlorobenzene

Concen: 50.889 ng

RT: 8.572 min Scan# 899

Delta R.T. 0.000 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

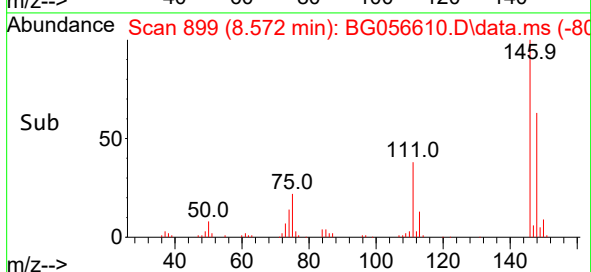
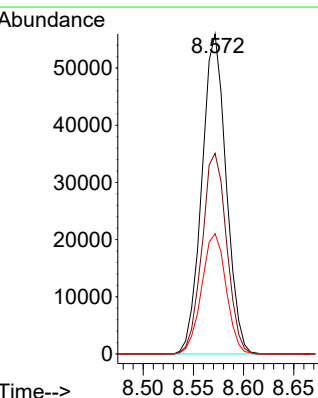
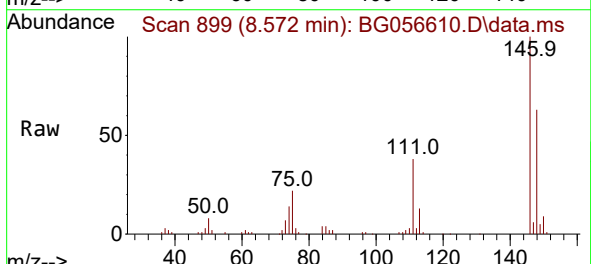
Tgt Ion:146 Resp: 94101

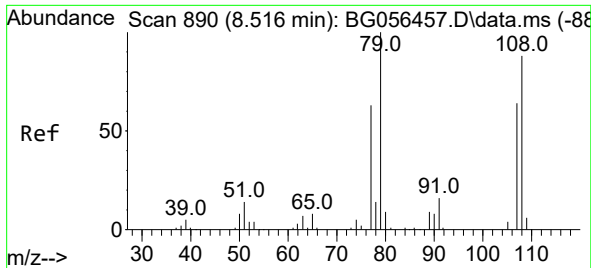
Ion Ratio Lower Upper

146 100

148 62.7 50.1 75.1

111 37.6 30.9 46.3





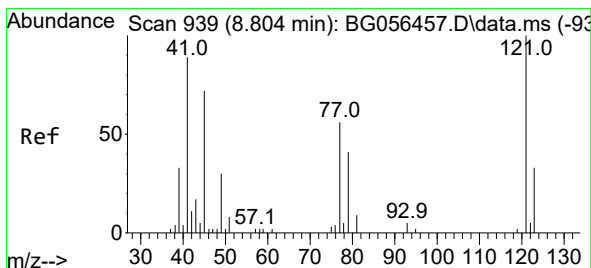
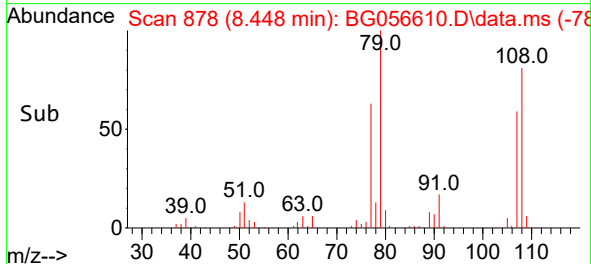
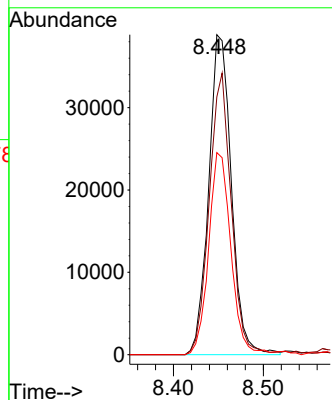
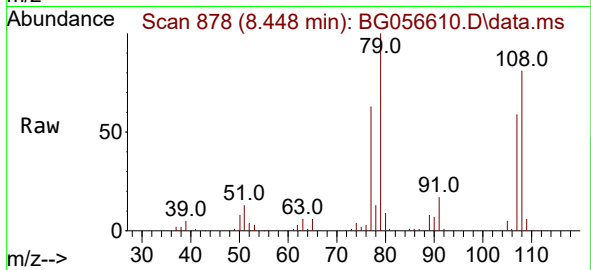
#15
Benzyl Alcohol
Concen: 45.123 ng
RT: 8.448 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion: 79 Resp: 6825
Ion Ratio Lower Upper
79 100
108 80.6 70.1 105.1
77 63.1 50.3 75.5

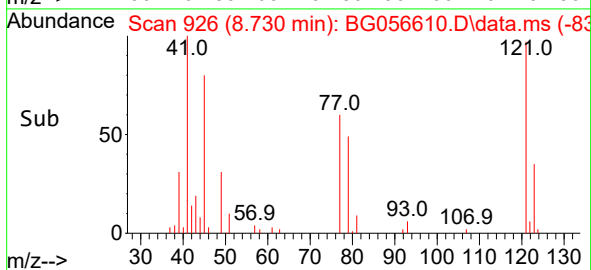
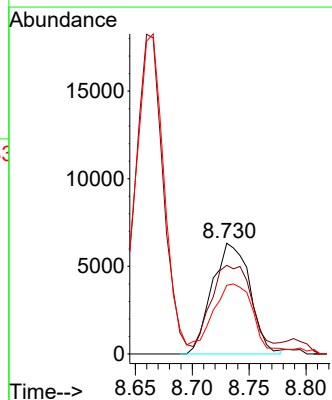
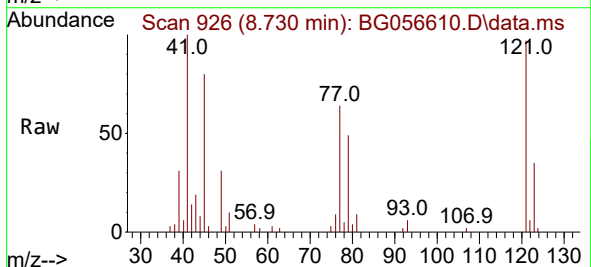
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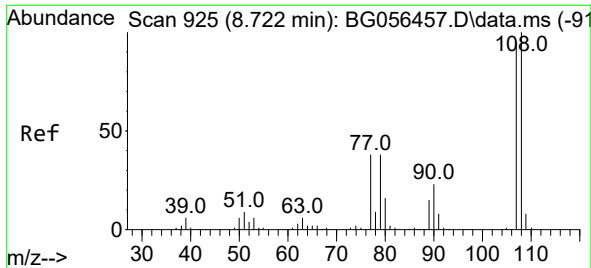
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.658 ng
RT: 8.730 min Scan# 926
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

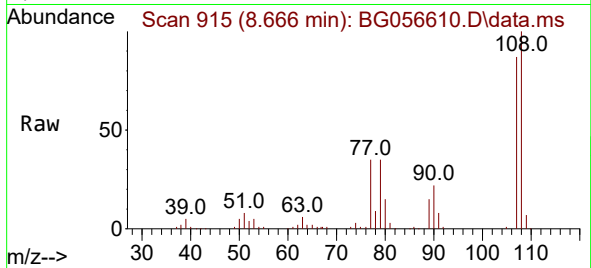
Tgt Ion: 45 Resp: 14573
Ion Ratio Lower Upper
45 100
77 80.0 62.1 102.1
79 62.0 42.7 82.7





#17
2-Methylphenol
Concen: 46.100 ng
RT: 8.666 min Scan# 915
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

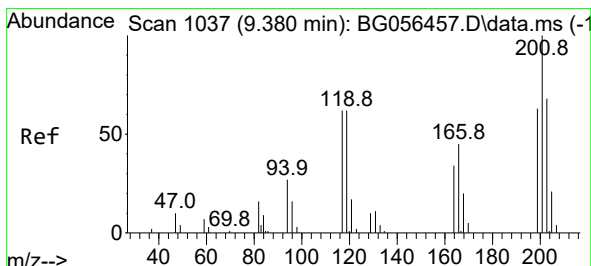
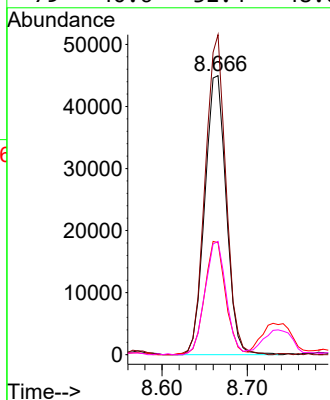
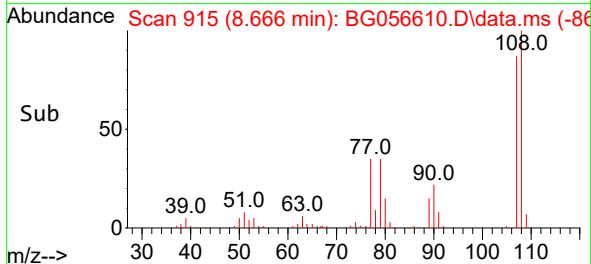
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



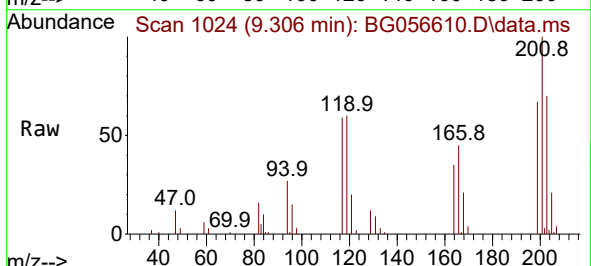
Tgt Ion:107 Resp: 78584
Ion Ratio Lower Upper
107 100
108 114.7 83.9 125.9
77 40.1 31.6 47.4
79 40.6 32.4 48.6

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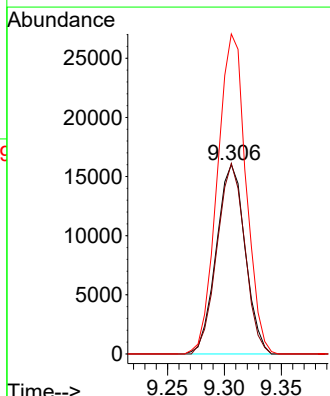
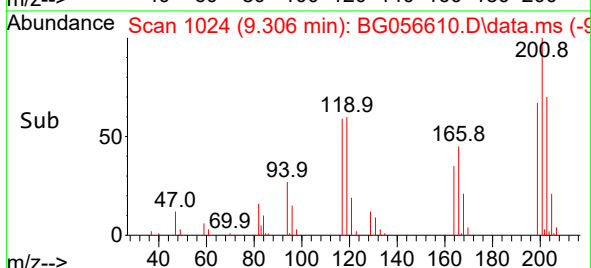
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

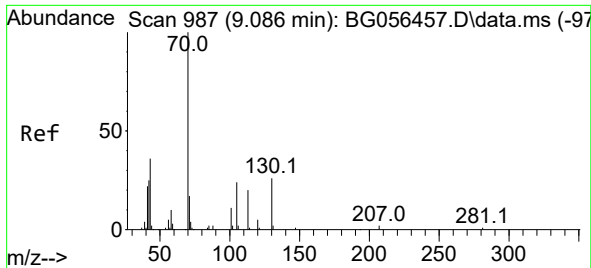


#18
Hexachloroethane
Concen: 48.992 ng
RT: 9.306 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



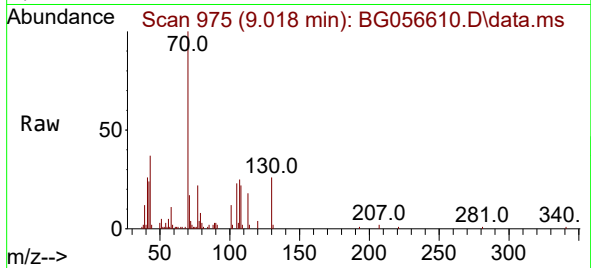
Tgt Ion:117 Resp: 28241
Ion Ratio Lower Upper
117 100
119 100.7 79.4 119.0
201 169.1 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.105 ng
RT: 9.018 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

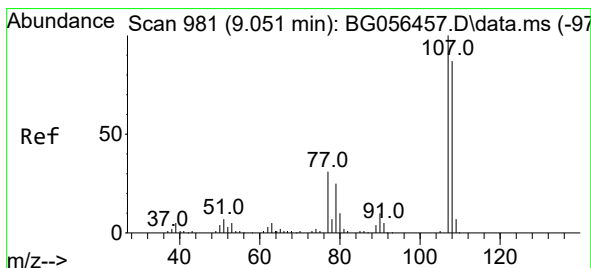
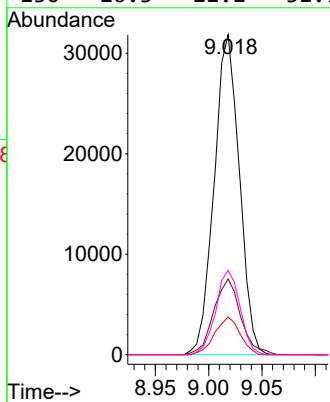
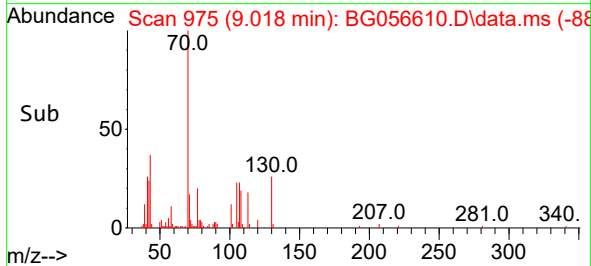
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



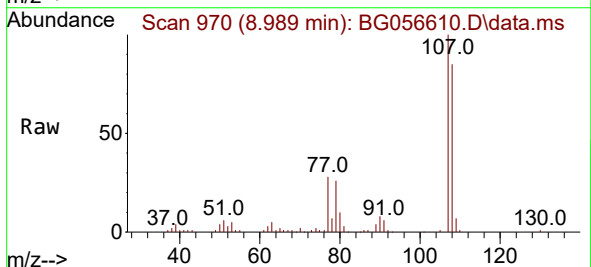
Tgt Ion: 70 Resp: 5222
Ion Ratio Lower Upper
70 100
42 23.6 20.2 30.4
101 11.8 9.1 13.7
130 26.3 21.1 31.7

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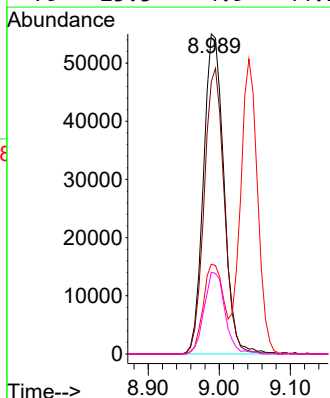
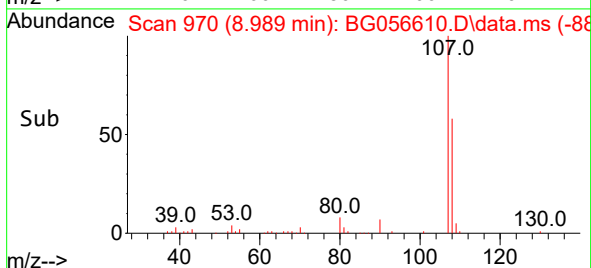
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

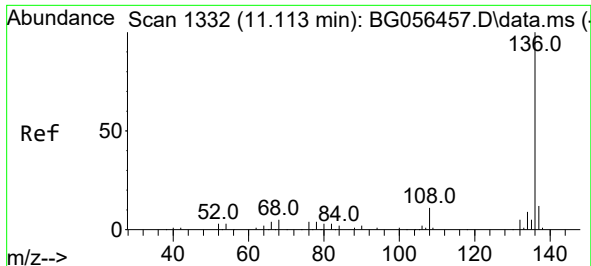


#20
3+4-Methylphenols
Concen: 46.002 ng
RT: 8.989 min Scan# 970
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:107 Resp: 109893
Ion Ratio Lower Upper
107 100
108 85.0 66.7 106.7
77 28.1 10.6 50.6
79 25.5 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 11066
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

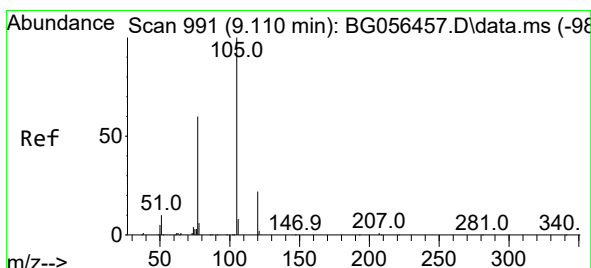
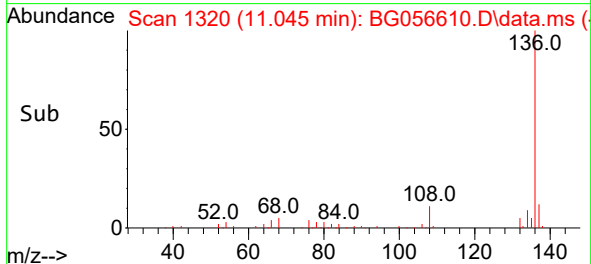
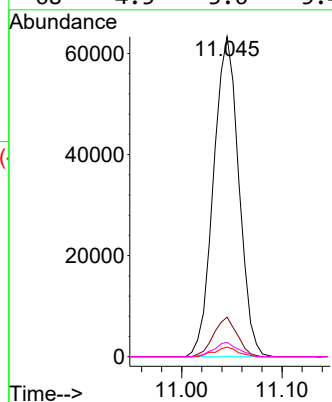
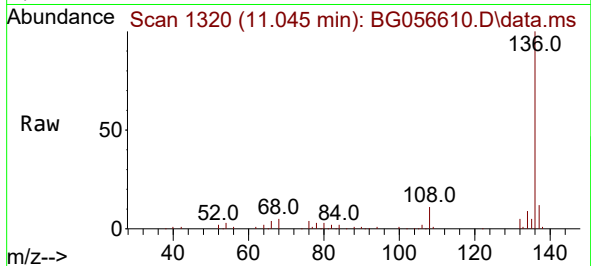
VNJ-208MS

Tgt Ion:136 Resp: 11066
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 3.0 2.2 3.4
68 4.5 3.6 5.4

Manual Integrations

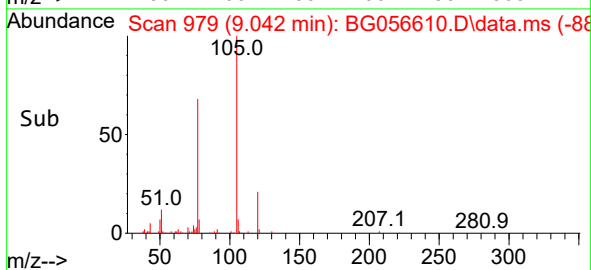
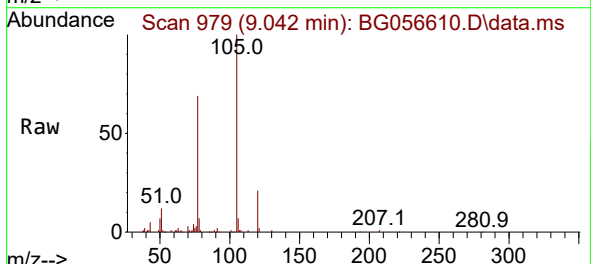
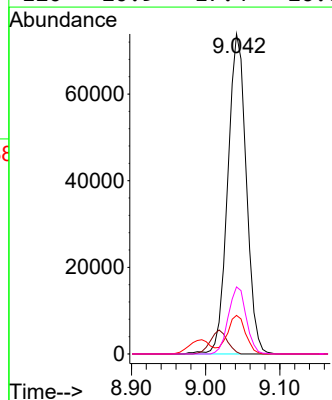
APPROVED

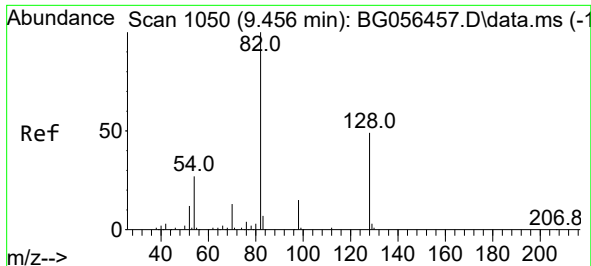
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#22
Acetophenone
Concen: 43.479 ng
RT: 9.042 min Scan# 979
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

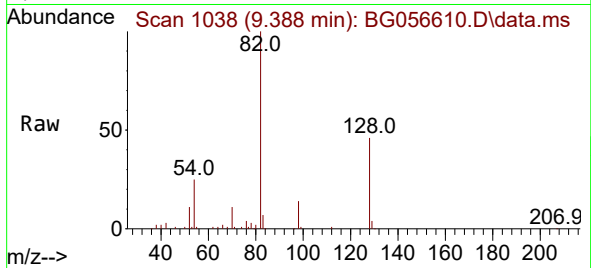
Tgt Ion:105 Resp: 127846
Ion Ratio Lower Upper
105 100
71 0.7 0.6 0.8
51 12.0 9.2 13.8
120 20.9 17.4 26.0





#23
Nitrobenzene-d5
Concen: 77.966 ng
RT: 9.388 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

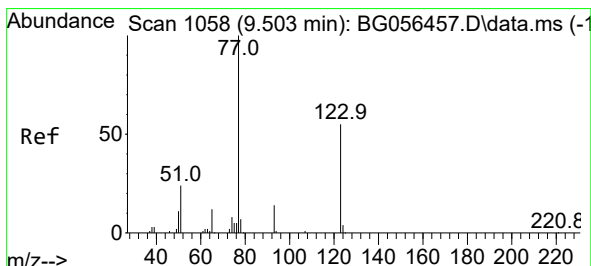
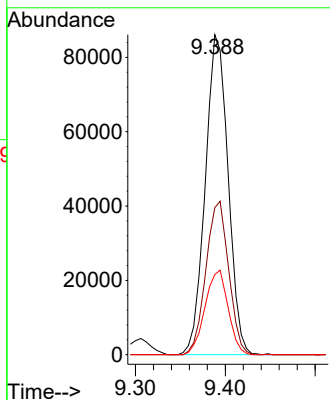
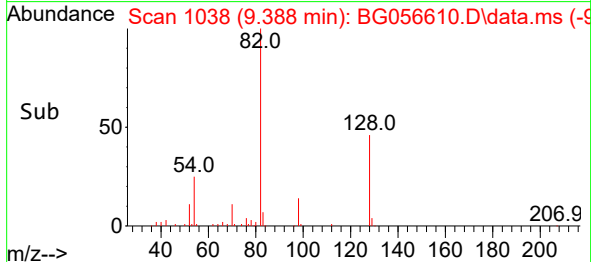
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion: 82 Resp: 151940
Ion Ratio Lower Upper
82 100
128 46.0 39.4 59.2
54 25.1 21.4 32.2

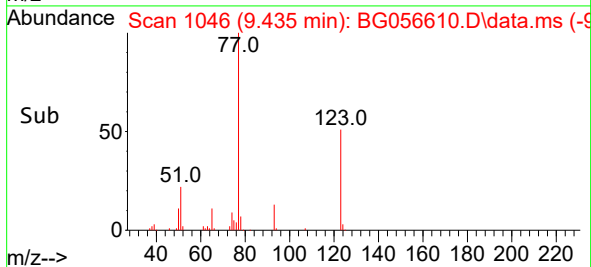
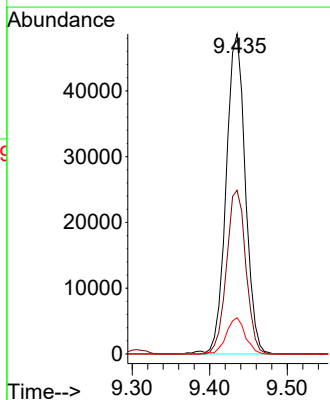
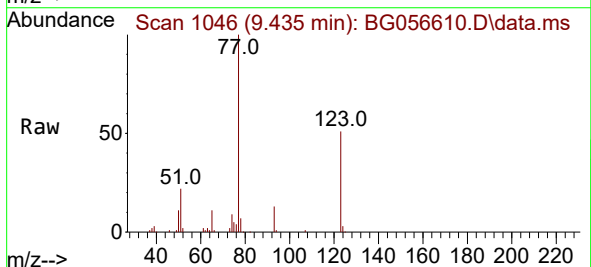
Manual Integrations
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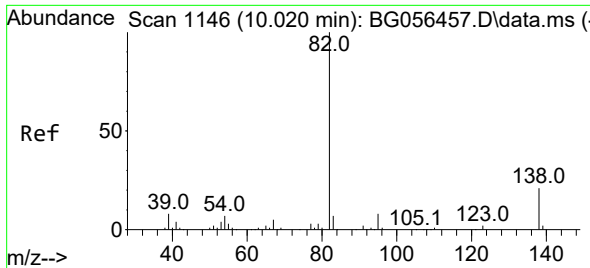
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#24
Nitrobenzene
Concen: 44.327 ng
RT: 9.435 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion: 77 Resp: 83328
Ion Ratio Lower Upper
77 100
123 51.1 44.0 66.0
65 11.3 9.7 14.5





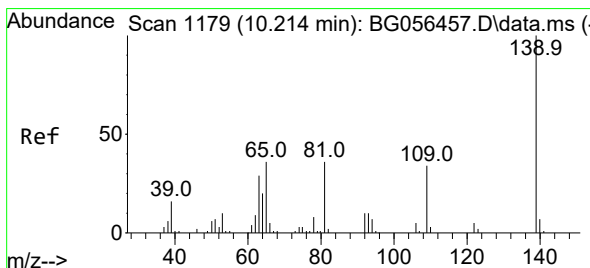
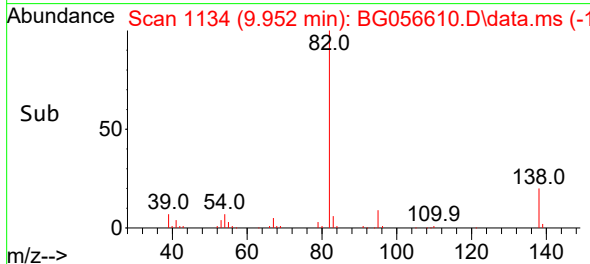
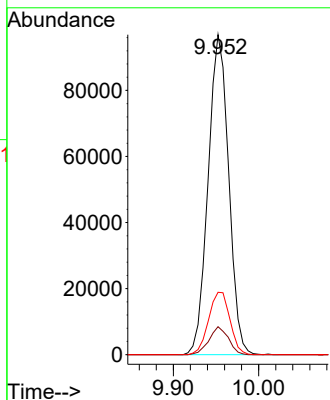
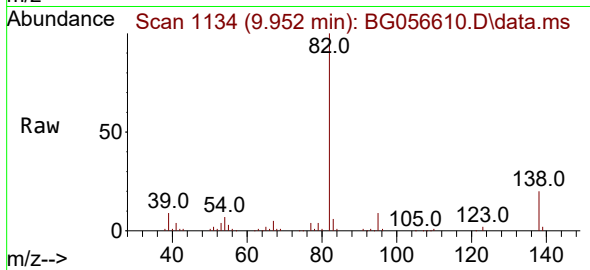
#25
Isophorone
Concen: 40.396 ng
RT: 9.952 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion: 82 Resp: 162410
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 19.5 16.6 25.0

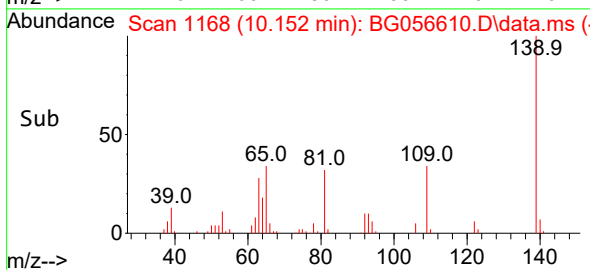
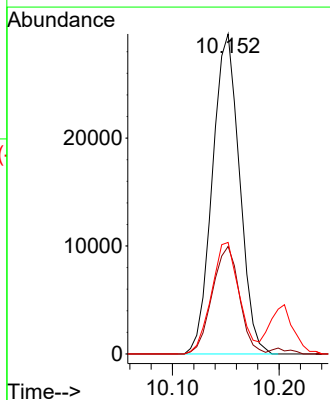
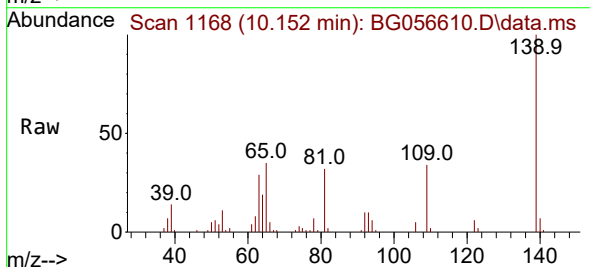
Manual Integrations
APPROVED

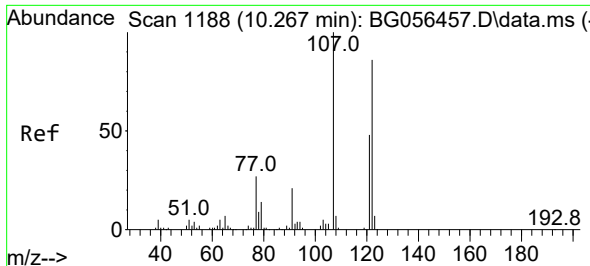
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#26
2-Nitrophenol
Concen: 45.877 ng
RT: 10.152 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

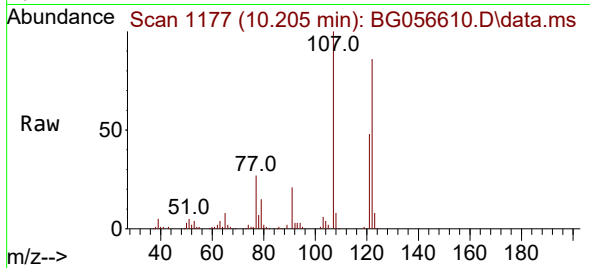
Tgt Ion:139 Resp: 52325
Ion Ratio Lower Upper
139 100
109 33.6 26.9 40.3
65 34.9 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 49.098 ng m
RT: 10.205 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

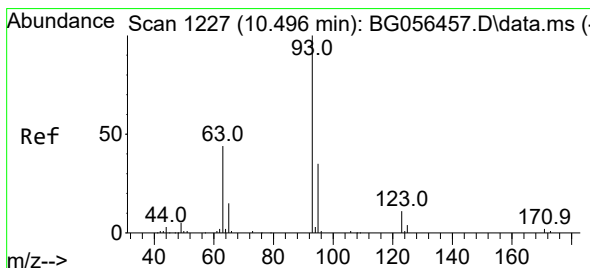
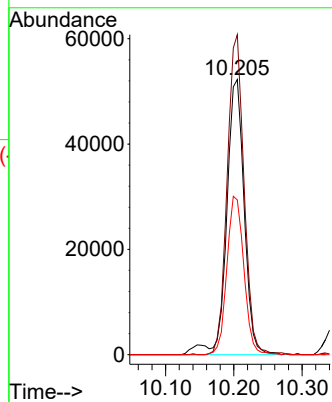
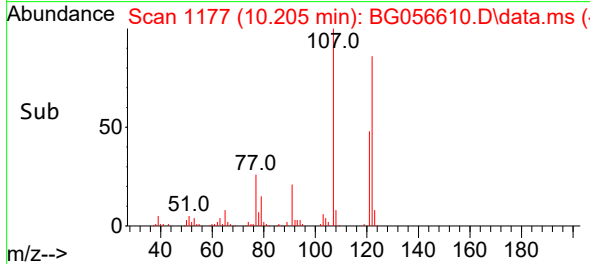
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion:122 Resp: 93718
Ion Ratio Lower Upper
122 100
107 116.3 92.9 139.3
121 56.2 45.0 67.4

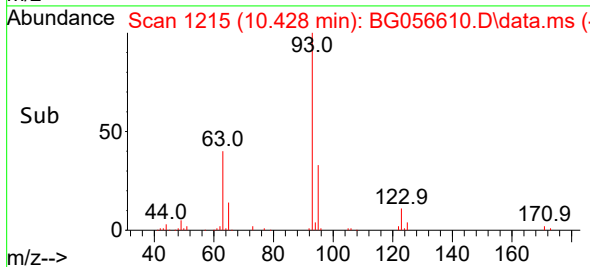
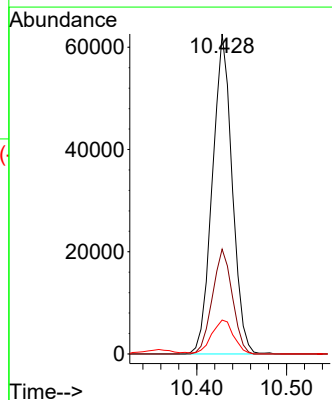
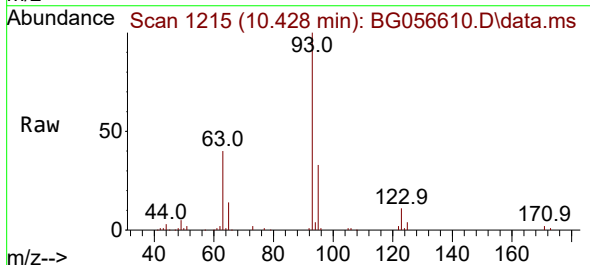
Manual Integrations
APPROVED

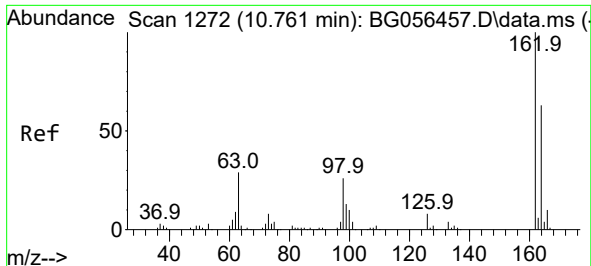
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.144 ng
RT: 10.428 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion: 93 Resp: 95827
Ion Ratio Lower Upper
93 100
95 32.8 27.9 41.9
123 10.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 49.545 ng

RT: 10.699 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion:162 Resp: 10645

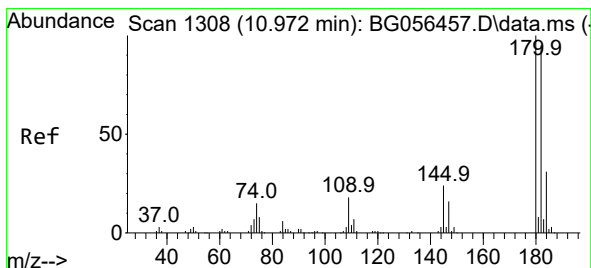
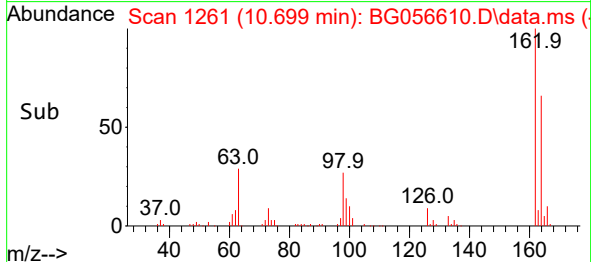
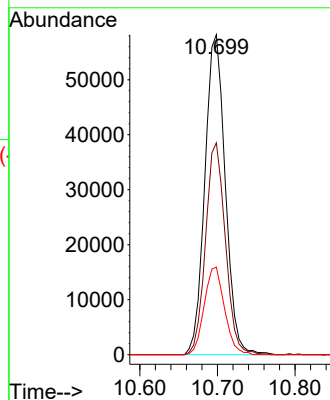
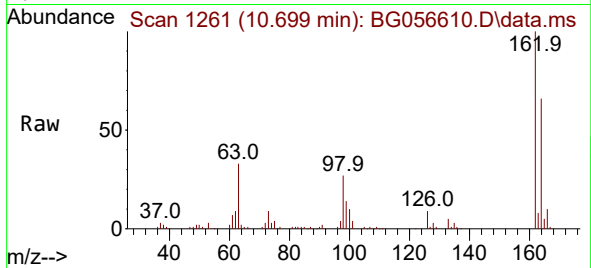
Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.8	82.8
98	27.4	6.5	46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.807 ng

RT: 10.904 min Scan# 1296

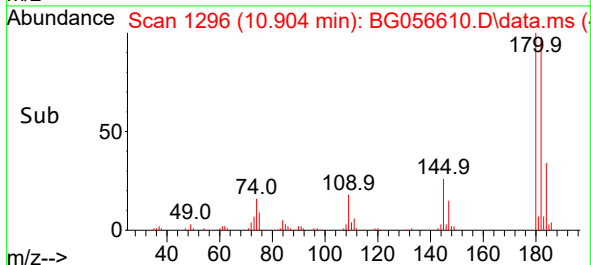
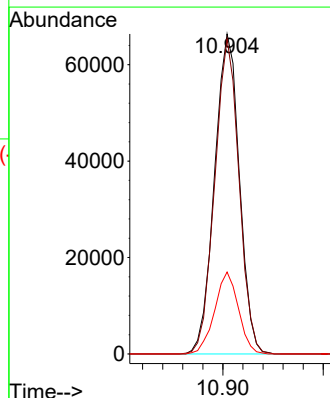
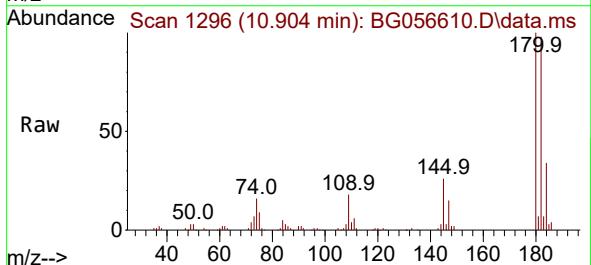
Delta R.T. 0.000 min

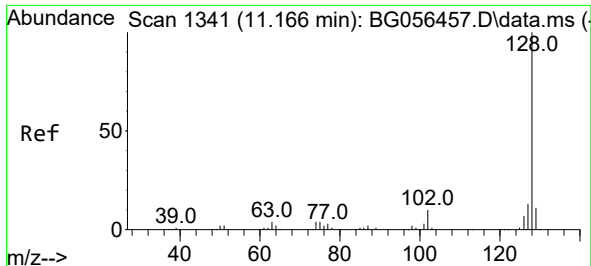
Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Tgt Ion:180 Resp: 114145

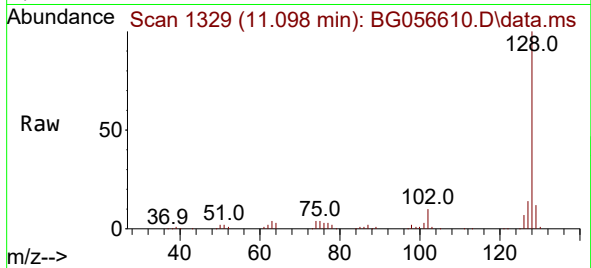
Ion	Ratio	Lower	Upper
180	100		
182	98.5	75.9	113.9
145	25.6	19.4	29.0





#31
Naphthalene
Concen: 47.019 ng
RT: 11.098 min Scan# 11098
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

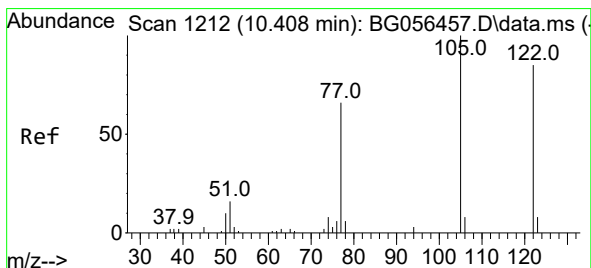
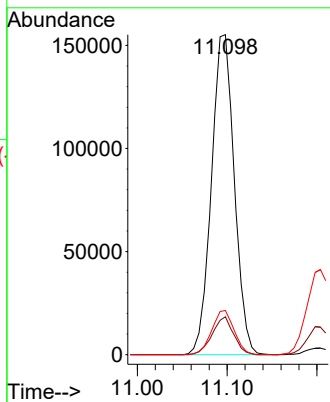
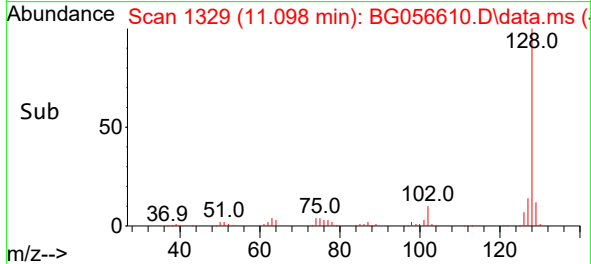
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



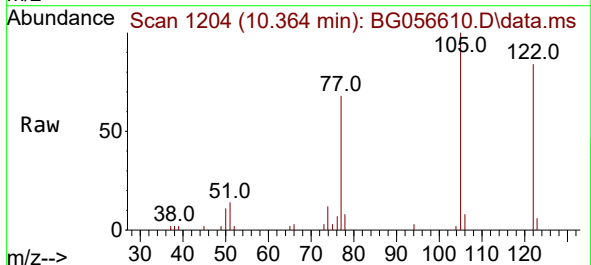
Tgt Ion:128 Resp: 274640
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 13.8 10.4 15.6

Manual Integrations
APPROVED

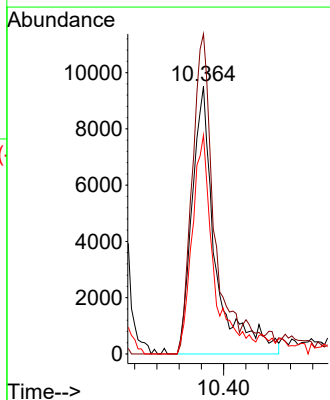
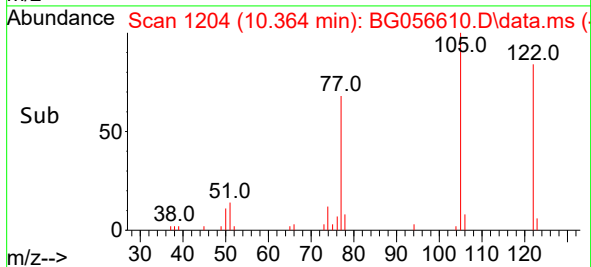
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

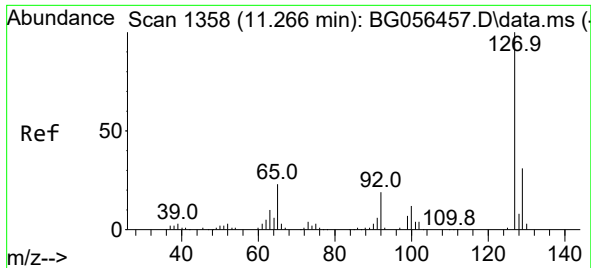


#32
Benzoic acid
Concen: 25.978 ng m
RT: 10.364 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:122 Resp: 27743
Ion Ratio Lower Upper
122 100
105 119.6 96.5 136.5
77 81.7 57.3 97.3





#33
4-Chloroaniline
Concen: 32.177 ng
RT: 11.204 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

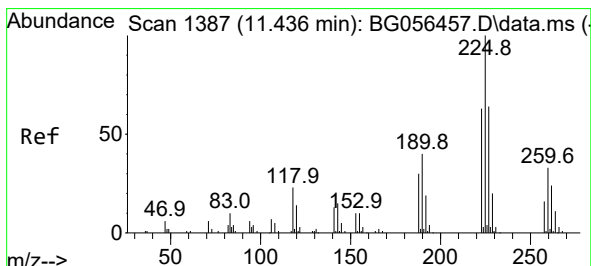
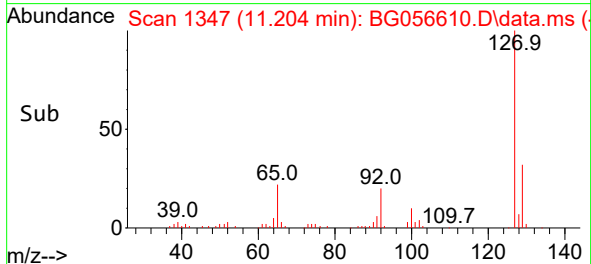
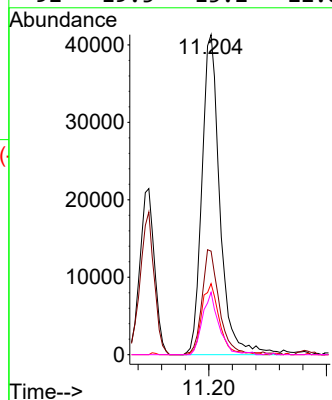
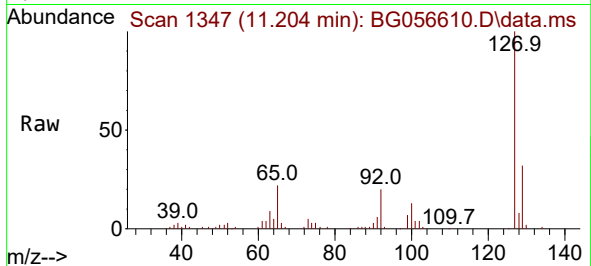
VNJ-208MS

Tgt Ion:127 Resp: 8773
Ion Ratio Lower Upper
127 100
129 32.4 25.0 37.6
65 22.2 18.5 27.7
92 19.5 15.2 22.8

Manual Integrations

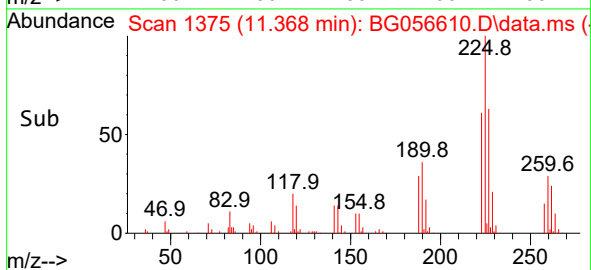
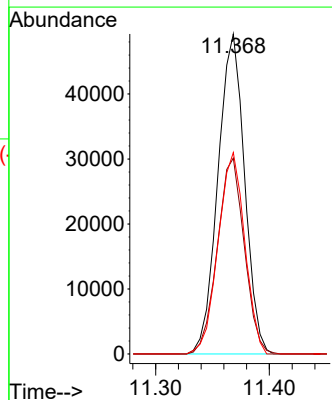
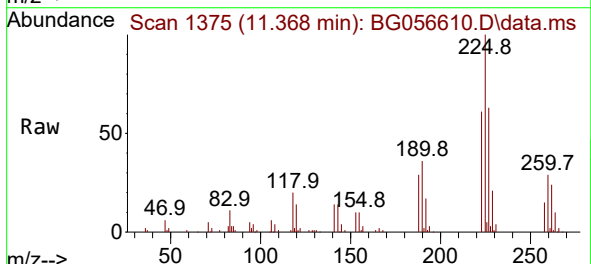
APPROVED

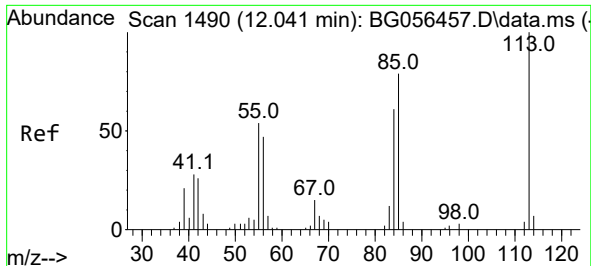
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#34
Hexachlorobutadiene
Concen: 47.827 ng
RT: 11.368 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:225 Resp: 80156
Ion Ratio Lower Upper
225 100
223 58.5 50.6 75.8
227 60.2 53.7 80.5





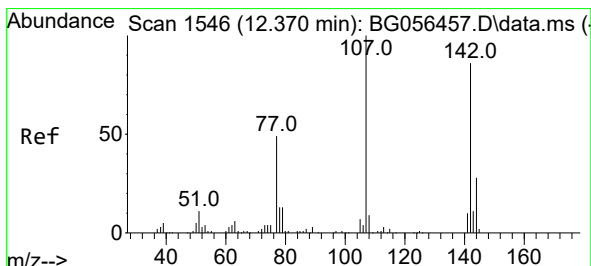
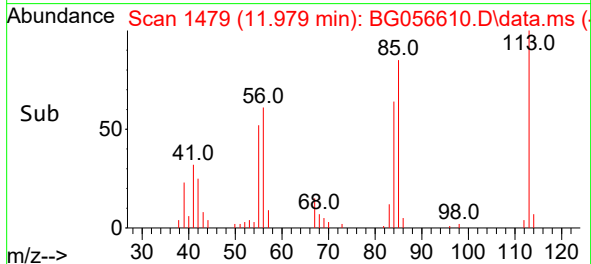
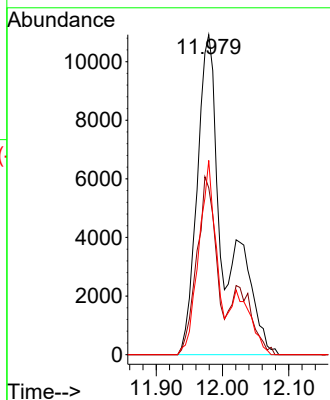
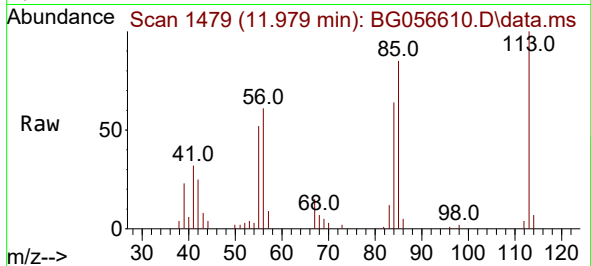
#35
Caprolactam
Concen: 43.683 ng m
RT: 11.979 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:113 Resp: 31654
Ion Ratio Lower Upper
113 100
55 52.1 33.7 73.7
56 60.7 27.1 67.1

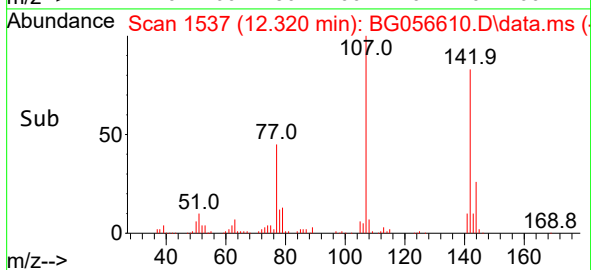
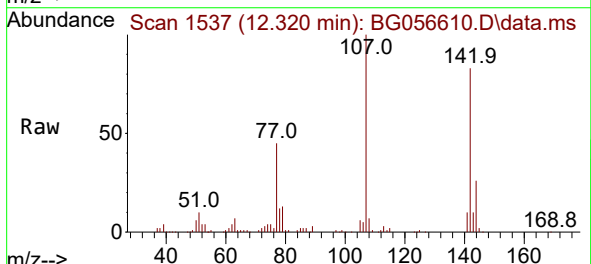
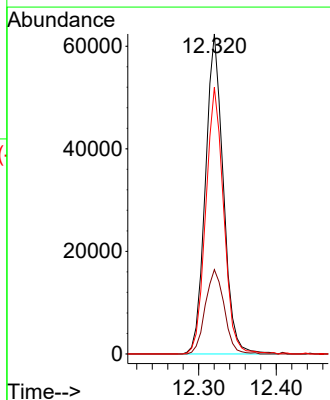
Manual Integrations
APPROVED

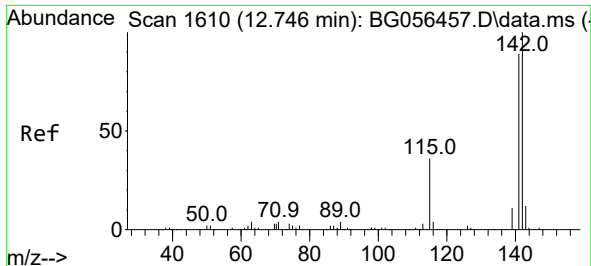
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#36
4-Chloro-3-methylphenol
Concen: 48.159 ng
RT: 12.320 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:107 Resp: 99927
Ion Ratio Lower Upper
107 100
144 26.4 22.3 33.5
142 83.3 68.9 103.3





#37

2-Methylnaphthalene

Concen: 44.867 ng

RT: 12.684 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

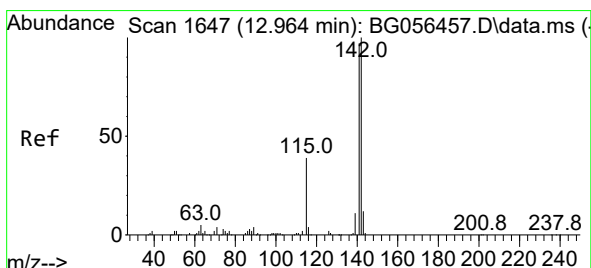
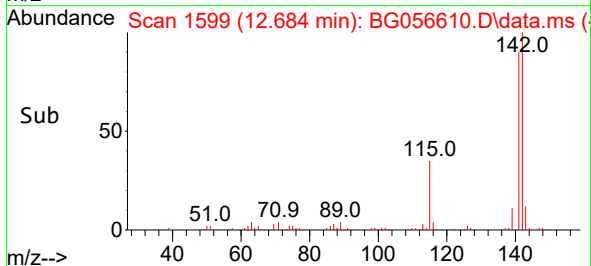
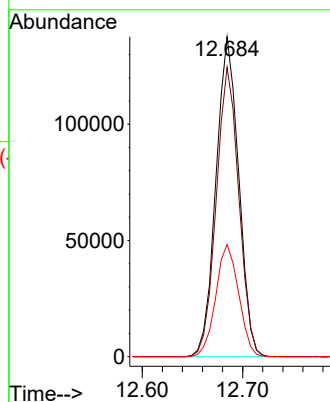
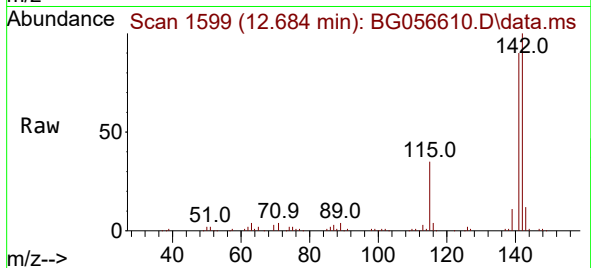
VNJ-208MS

Tgt Ion:	142	Resp:	216054
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.4	107.0
115	35.1	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: 44.503 ng

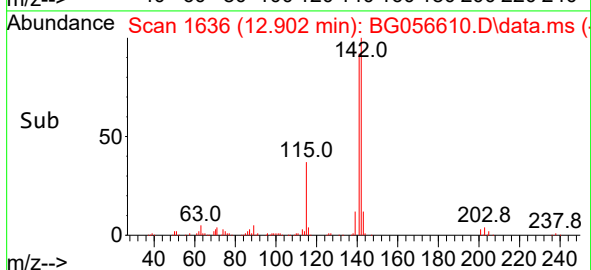
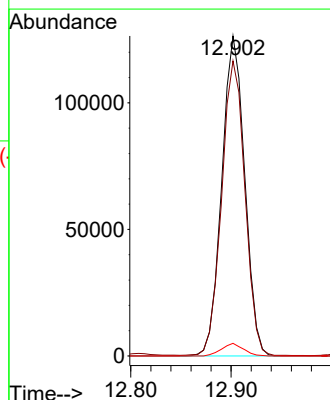
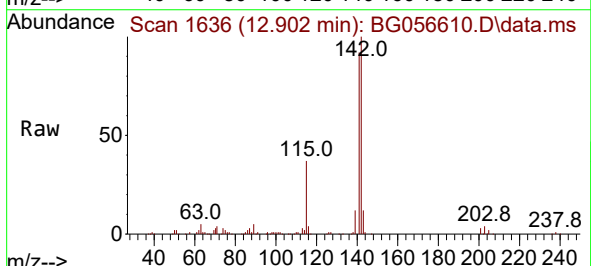
RT: 12.902 min Scan# 1636

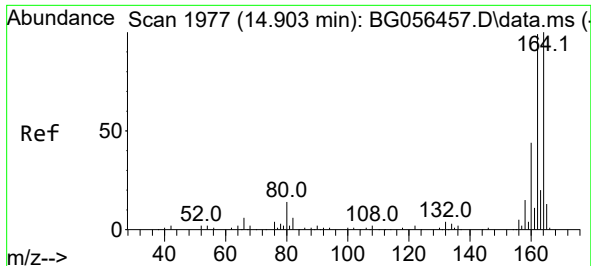
Delta R.T. 0.000 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Tgt Ion:	142	Resp:	200145
Ion Ratio	Lower	Upper	
142	100		
141	92.2	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: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

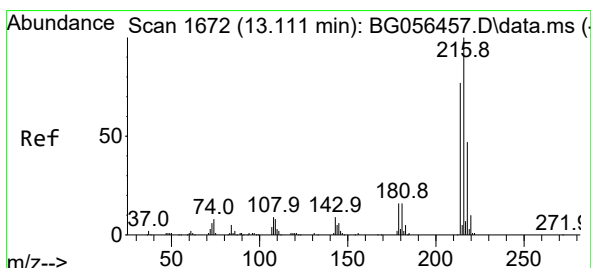
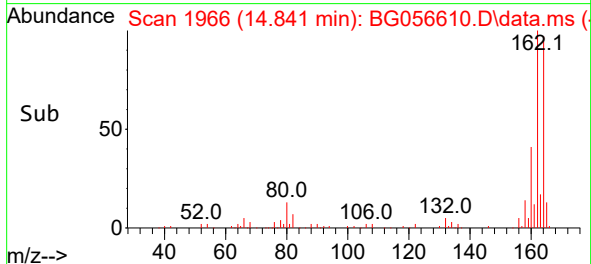
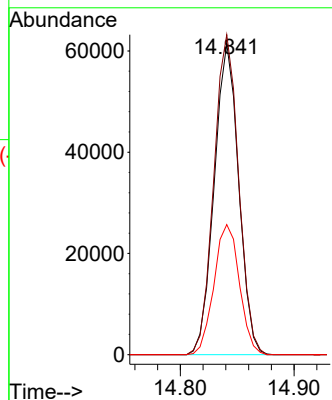
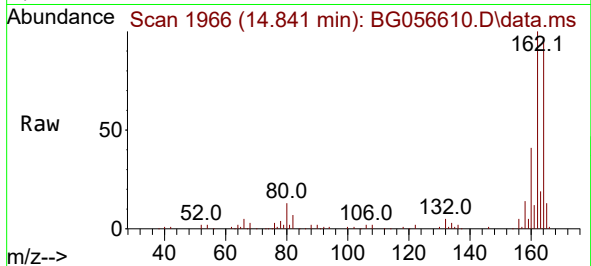
VNJ-208MS

Tgt Ion:164 Resp: 91549
Ion Ratio Lower Upper
164 100
162 102.9 79.6 119.4
160 41.8 34.9 52.3

Manual Integrations

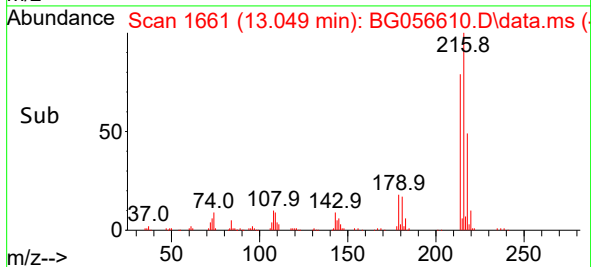
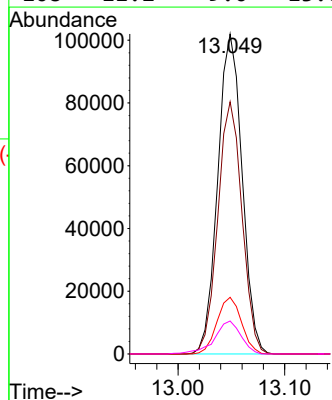
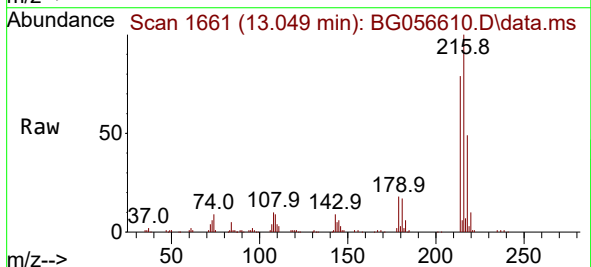
APPROVED

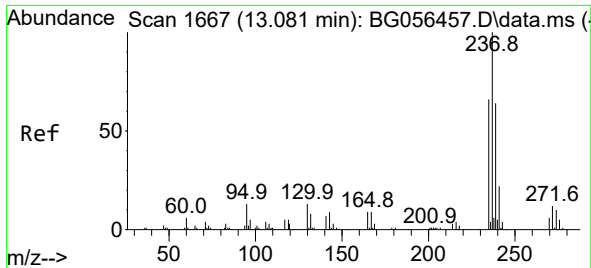
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.298 ng
RT: 13.049 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

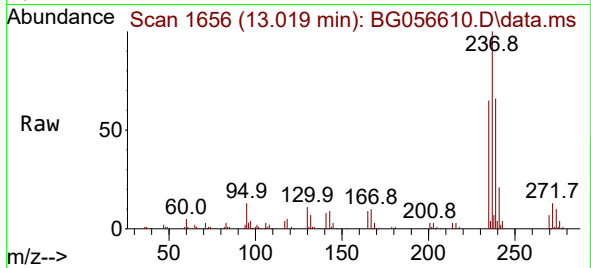
Tgt Ion:216 Resp: 161537
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.6
179 17.8 14.1 21.1
108 11.2 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 52.199 ng
RT: 13.019 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

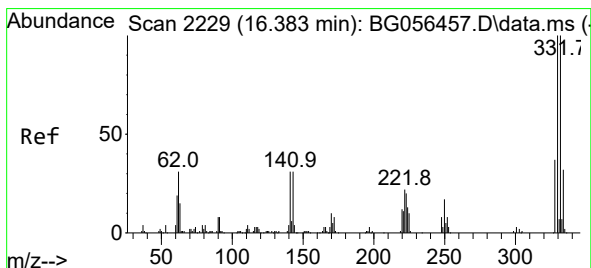
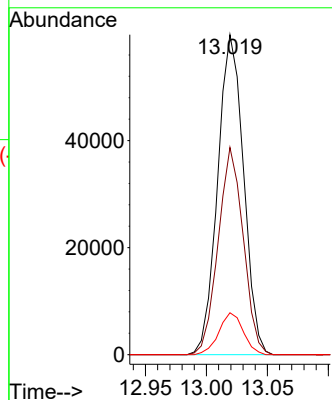
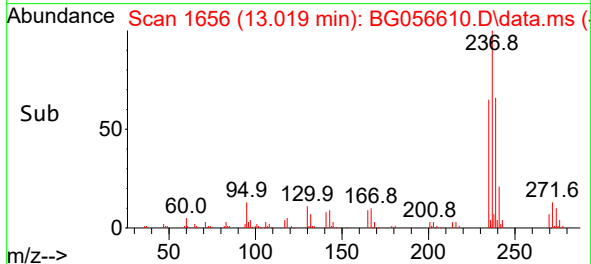
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



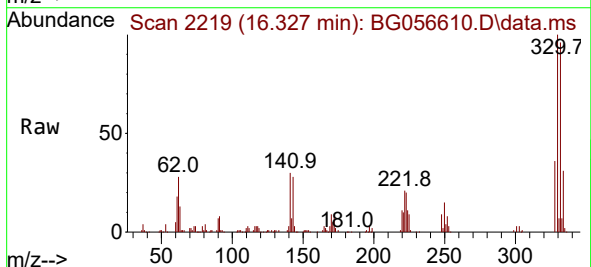
Tgt Ion:237 Resp: 8828
Ion Ratio Lower Upper
237 100
235 64.7 45.6 85.6
272 13.1 0.0 32.3

Manual Integrations
APPROVED

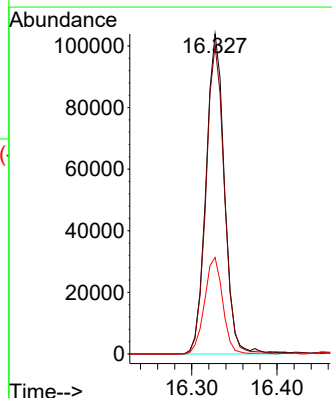
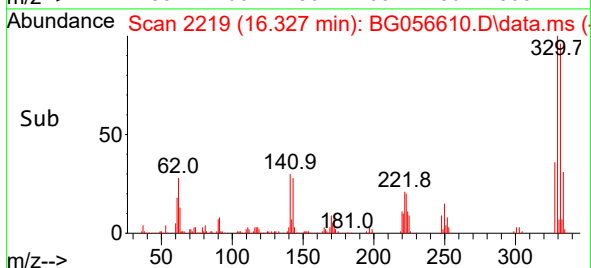
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

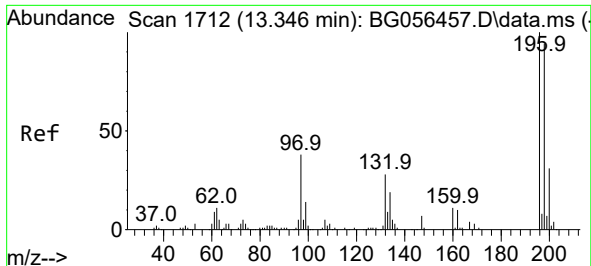


#42
2,4,6-Tribromophenol
Concen: 128.079 ng
RT: 16.327 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



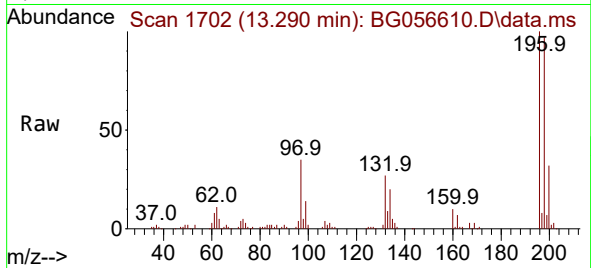
Tgt Ion:330 Resp: 155883
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.6
141 29.6 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 48.279 ng
RT: 13.290 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

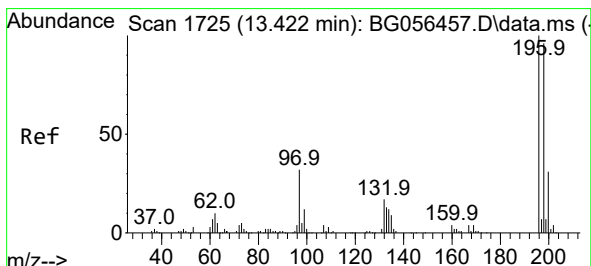
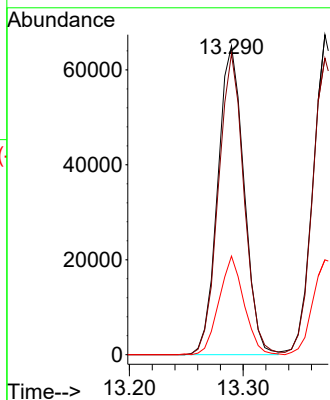
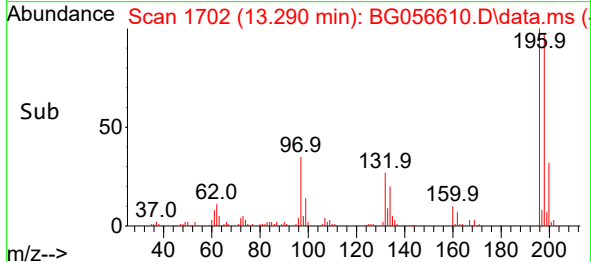
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



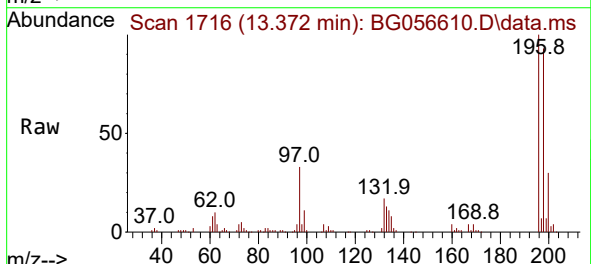
Tgt Ion:196 Resp: 10405
Ion Ratio Lower Upper
196 100
198 97.4 75.4 113.0
200 31.9 25.0 37.6

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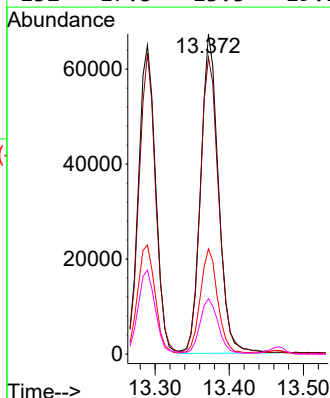
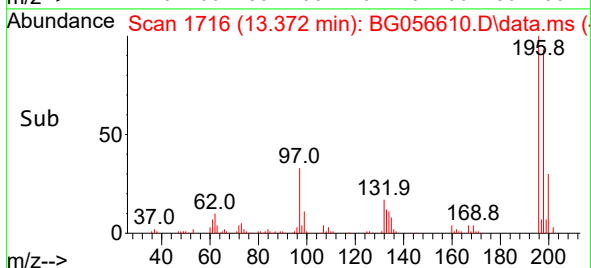
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

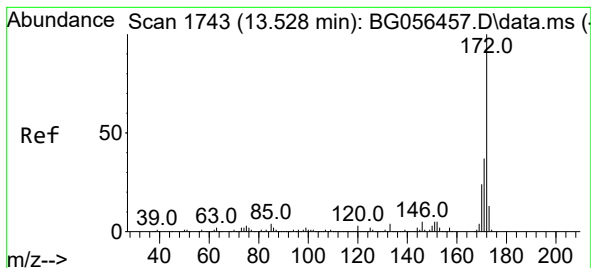


#44
2,4,5-Trichlorophenol
Concen: 44.589 ng
RT: 13.372 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:196 Resp: 112520
Ion Ratio Lower Upper
196 100
198 92.7 76.9 115.3
97 32.9 25.8 38.6
132 17.3 13.3 19.9





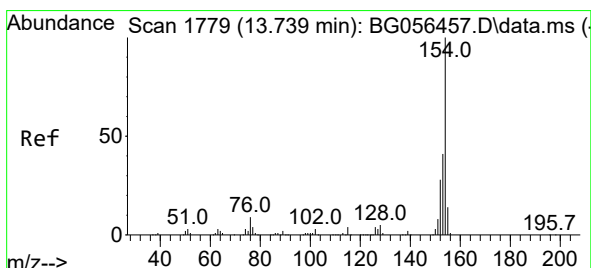
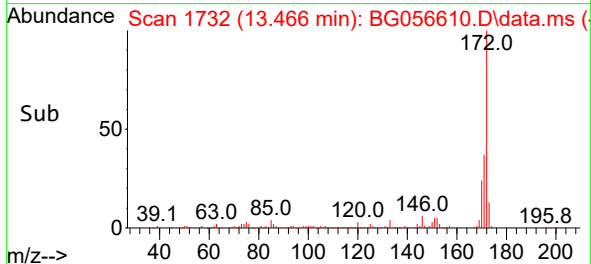
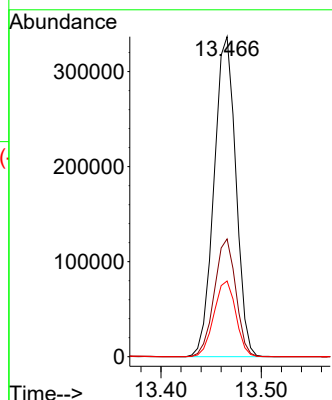
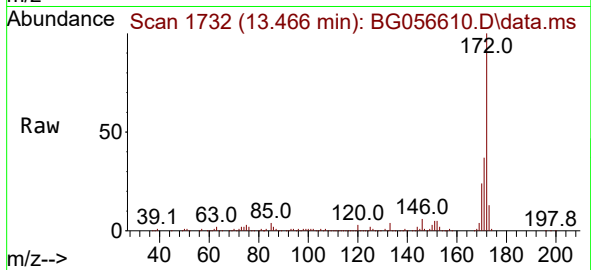
#45
2-Fluorobiphenyl
Concen: 76.972 ng
RT: 13.466 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:172 Resp: 508262
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 23.7 19.2 28.8

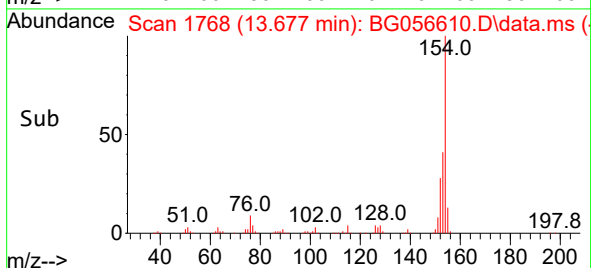
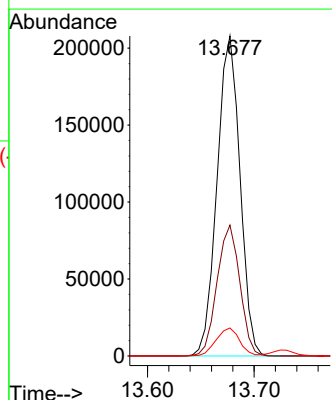
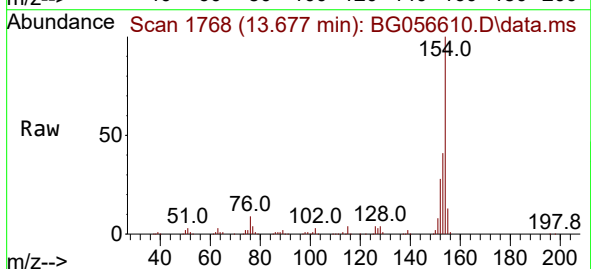
Manual Integrations
APPROVED

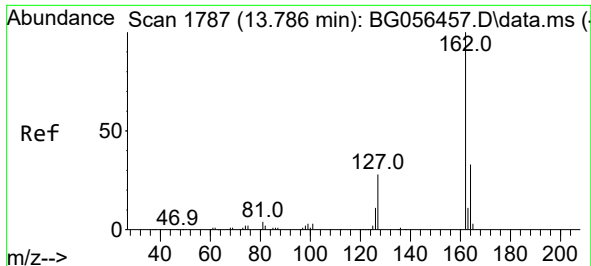
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#46
1,1'-Biphenyl
Concen: 46.698 ng
RT: 13.677 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

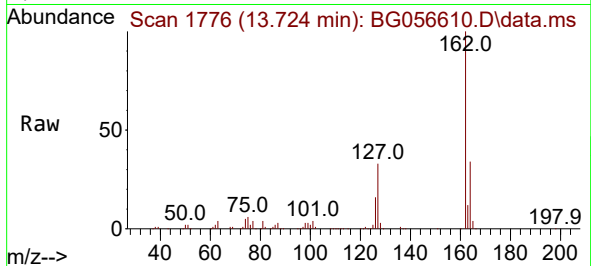
Tgt Ion:154 Resp: 310084
Ion Ratio Lower Upper
154 100
153 40.9 21.5 61.5
76 8.8 0.0 28.8





#47
2-Chloronaphthalene
Concen: 47.745 ng
RT: 13.724 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

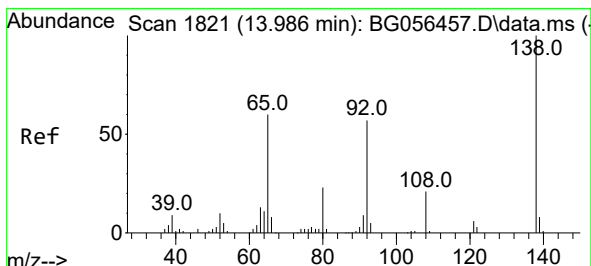
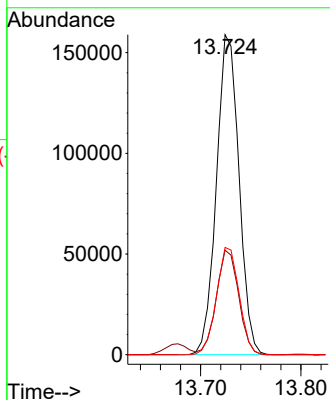
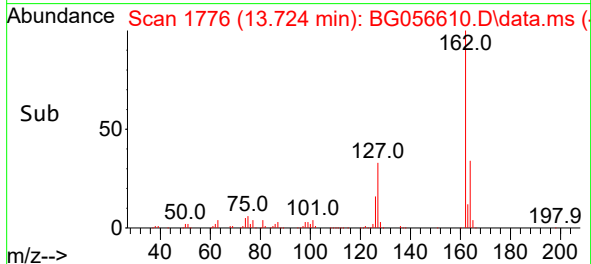
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion:162 Resp: 247809
Ion Ratio Lower Upper
162 100
127 32.6 25.2 37.8
164 33.5 26.2 39.2

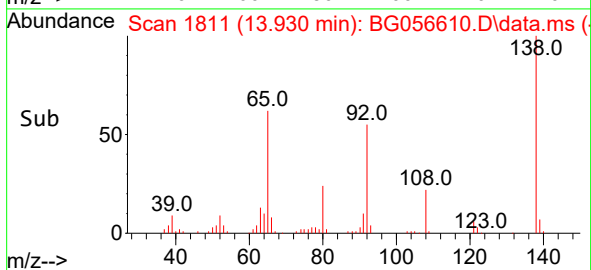
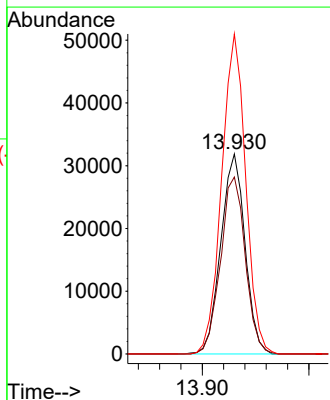
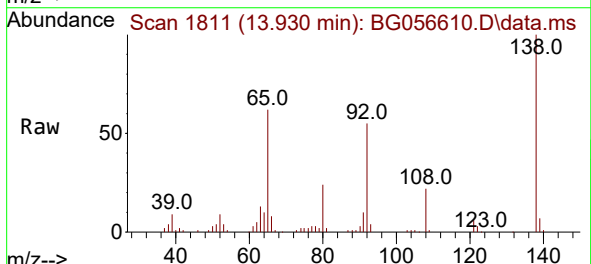
Manual Integrations
APPROVED

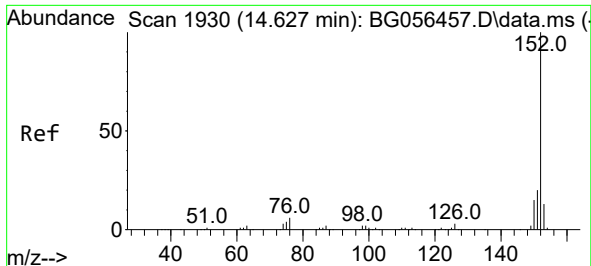
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#48
2-Nitroaniline
Concen: 46.832 ng
RT: 13.930 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion: 65 Resp: 50248
Ion Ratio Lower Upper
65 100
92 88.5 75.8 113.6
138 160.0 133.2 199.8





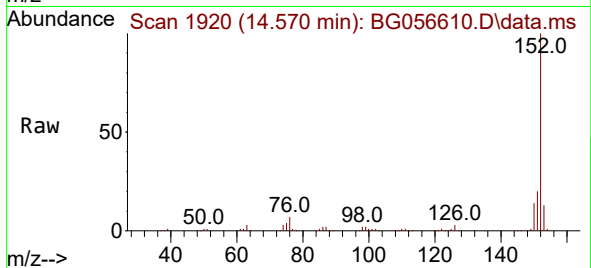
#49
Acenaphthylene
Concen: 46.333 ng
RT: 14.570 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

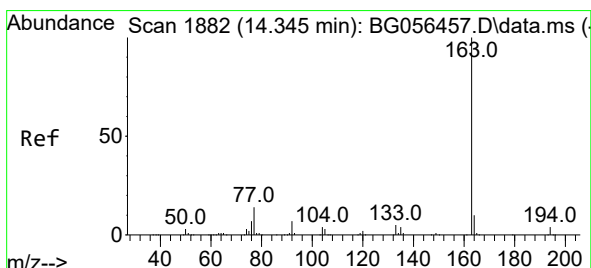
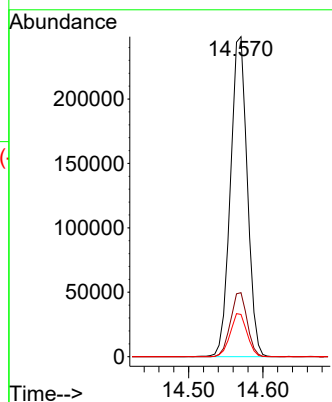
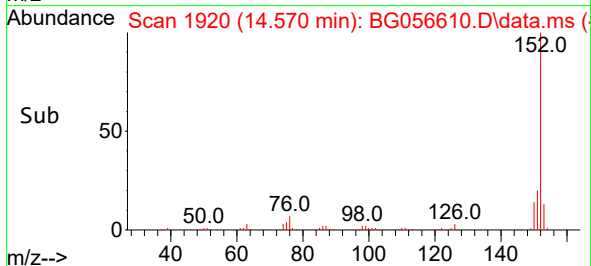


Tgt Ion:152 Resp: 391258
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.5 15.7

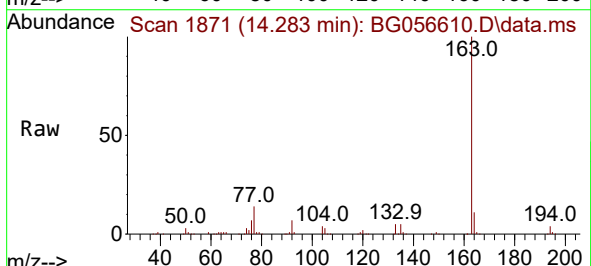
Manual Integrations

APPROVED

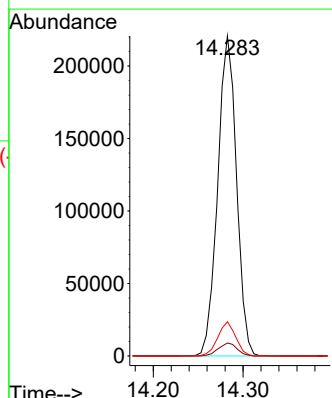
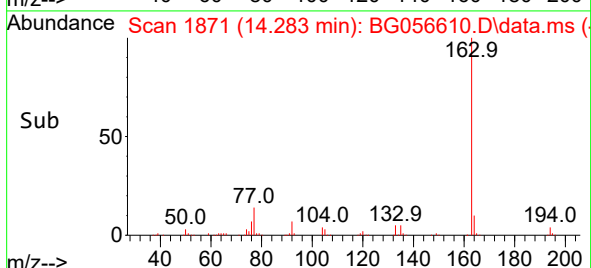
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

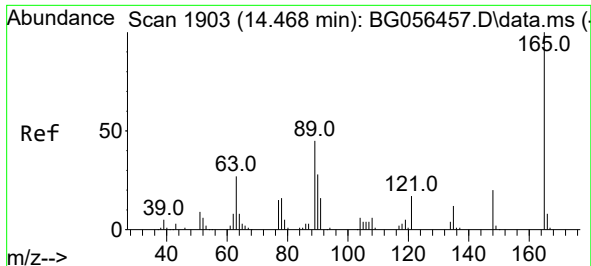


#50
Dimethylphthalate
Concen: 43.362 ng
RT: 14.283 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:163 Resp: 321166
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.7 8.1 12.1





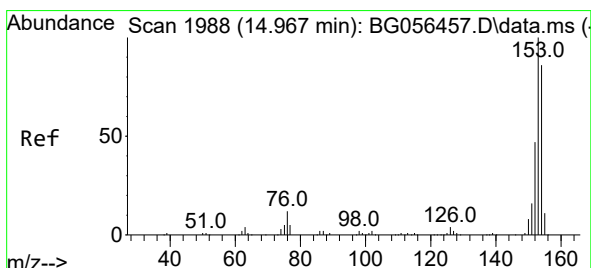
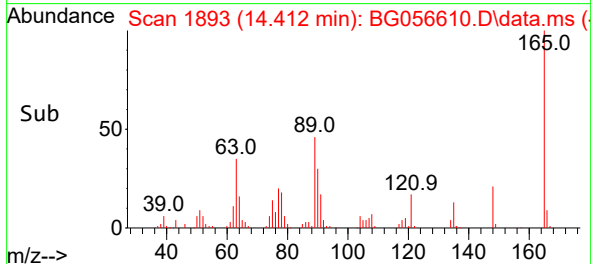
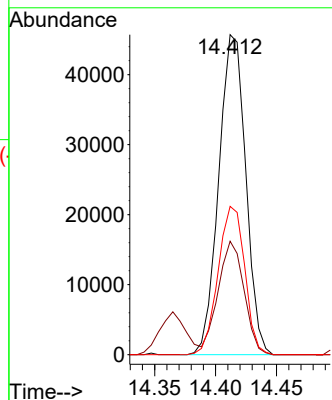
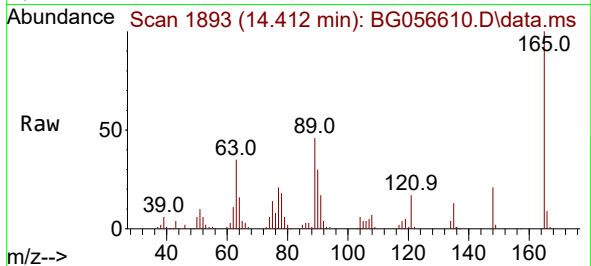
#51
2,6-Dinitrotoluene
Concen: 43.632 ng
RT: 14.412 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:165 Resp: 70475
Ion Ratio Lower Upper
165 100
63 35.5 26.9 40.3
89 46.4 35.6 53.4

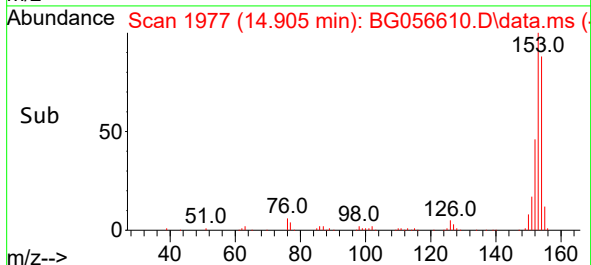
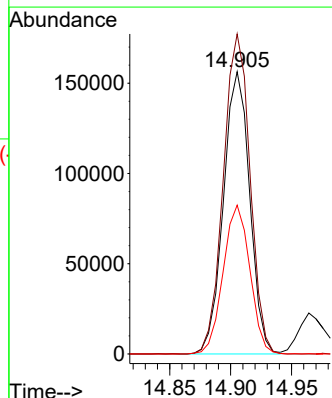
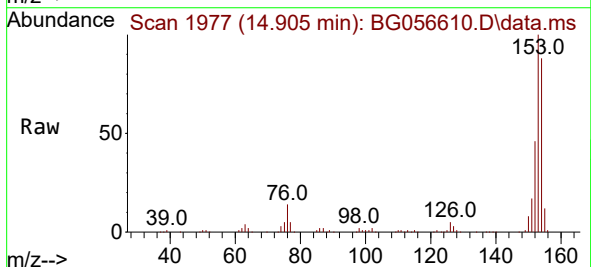
Manual Integrations
APPROVED

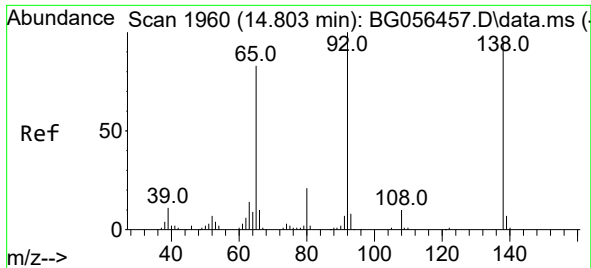
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#52
Acenaphthene
Concen: 46.867 ng
RT: 14.905 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

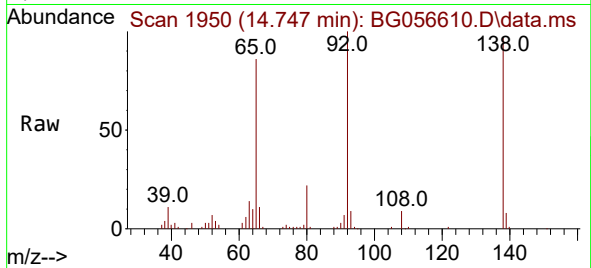
Tgt Ion:154 Resp: 234694
Ion Ratio Lower Upper
154 100
153 113.4 93.4 140.0
152 52.7 43.4 65.2





#53
3-Nitroaniline
Concen: 38.090 ng
RT: 14.747 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

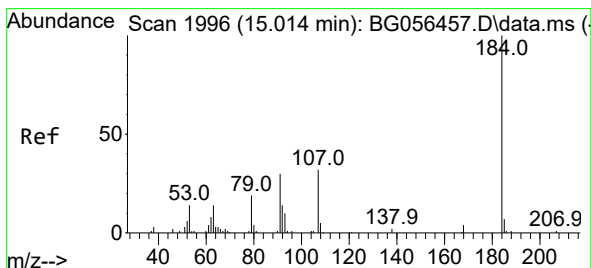
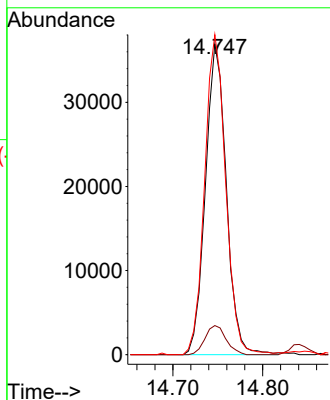
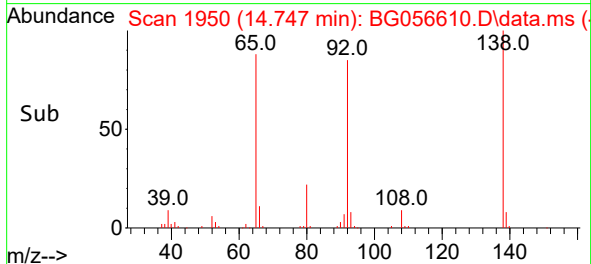
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



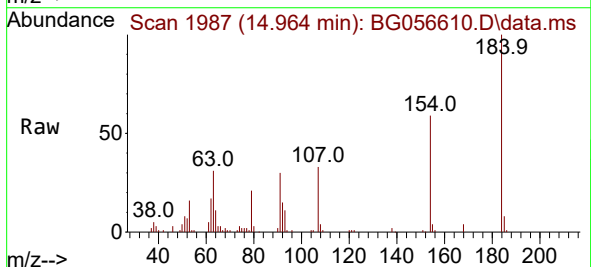
Tgt Ion:138 Resp: 59644
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 102.9 84.1 126.1

Manual Integrations
APPROVED

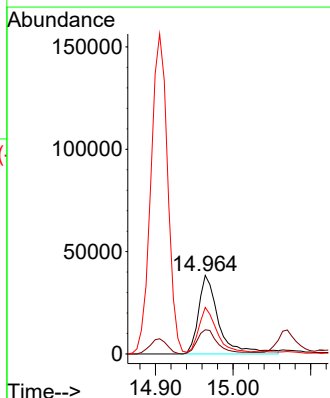
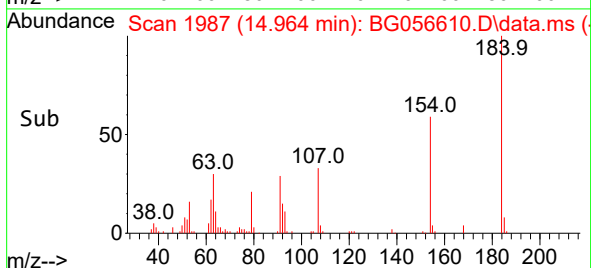
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

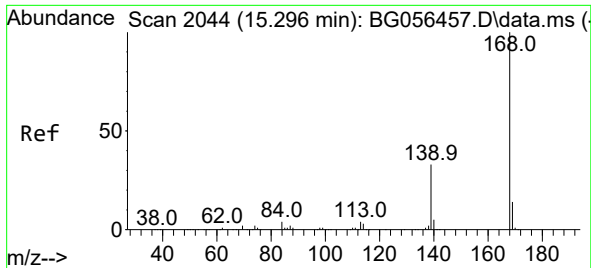


#54
2,4-Dinitrophenol
Concen: 68.858 ng
RT: 14.964 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



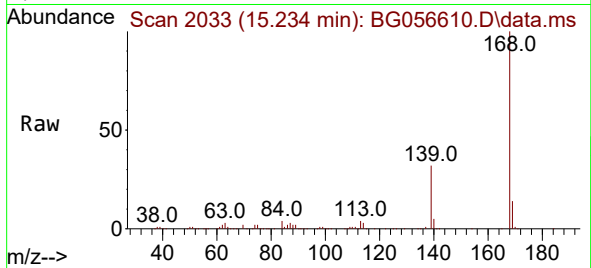
Tgt Ion:184 Resp: 69726
Ion Ratio Lower Upper
184 100
63 30.8 25.1 37.7
154 59.2 44.8 67.2





#55
Dibenzofuran
Concen: 46.562 ng
RT: 15.234 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

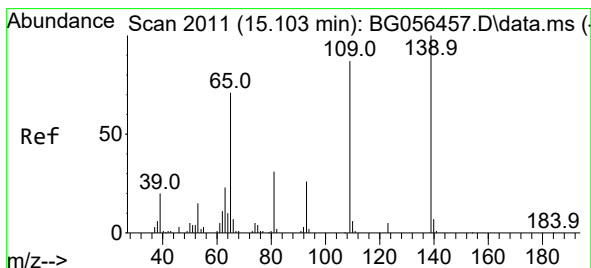
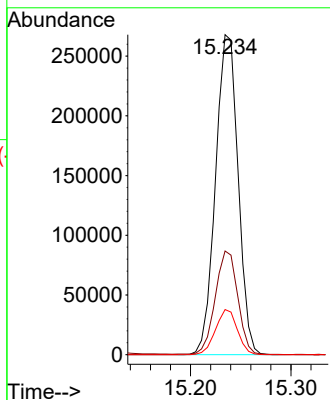
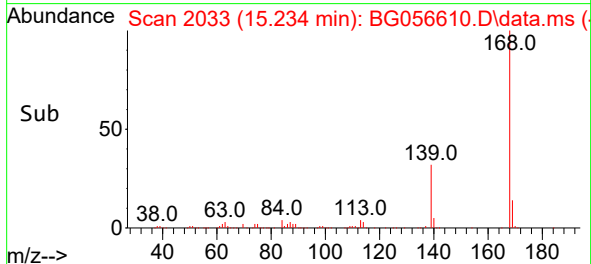
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion:168 Resp: 418160
Ion Ratio Lower Upper
168 100
139 32.4 26.2 39.2
169 14.1 11.0 16.6

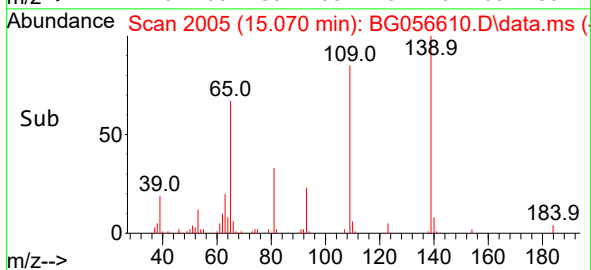
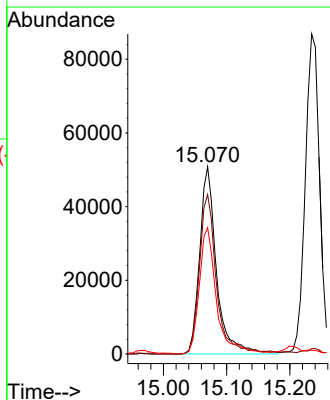
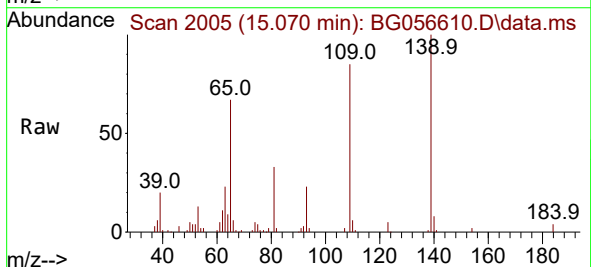
Manual Integrations
APPROVED

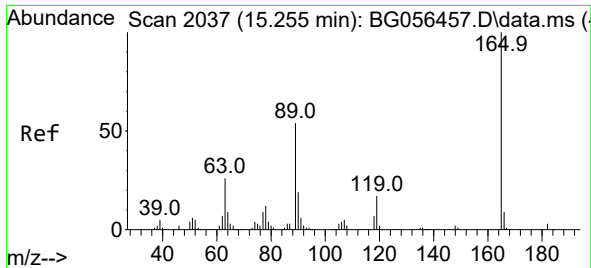
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#56
4-Nitrophenol
Concen: 88.239 ng
RT: 15.070 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:139 Resp: 94413
Ion Ratio Lower Upper
139 100
109 85.2 67.5 107.5
65 67.4 50.7 90.7





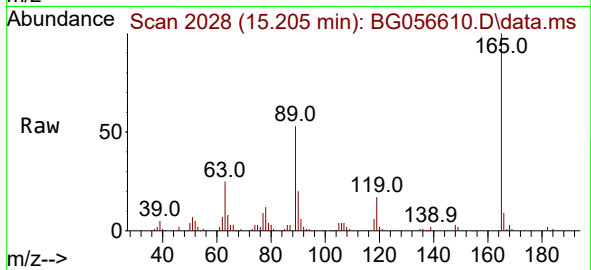
#57
2,4-Dinitrotoluene
Concen: 46.316 ng
RT: 15.205 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

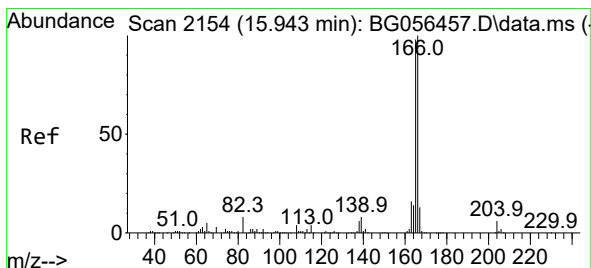
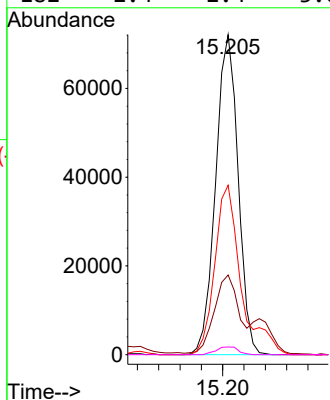
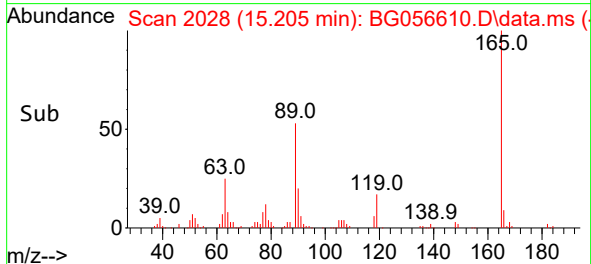


Tgt Ion:165 Resp: 105375
Ion Ratio Lower Upper
165 100
63 24.9 20.6 31.0
89 52.9 43.1 64.7
182 2.4 2.4 3.6#

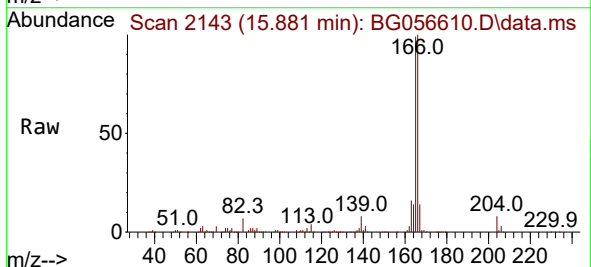
Manual Integrations

APPROVED

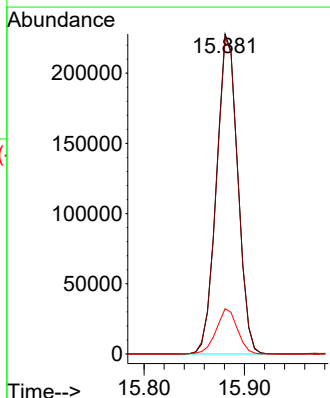
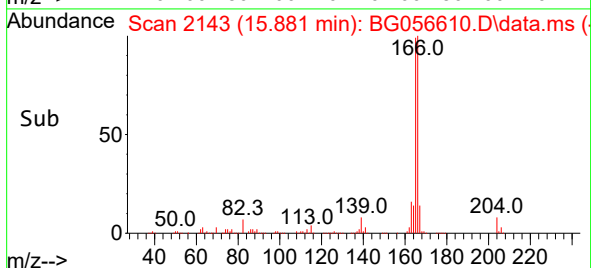
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

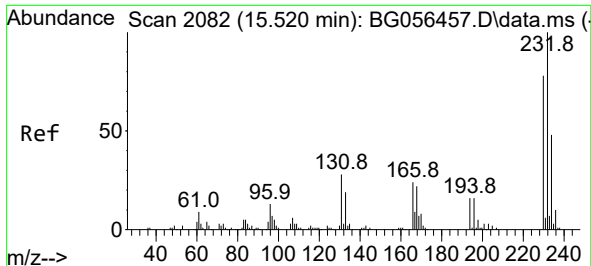


#58
Fluorene
Concen: 46.961 ng
RT: 15.881 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:166 Resp: 335585
Ion Ratio Lower Upper
166 100
165 99.1 78.8 118.2
167 14.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.258 ng
RT: 15.469 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

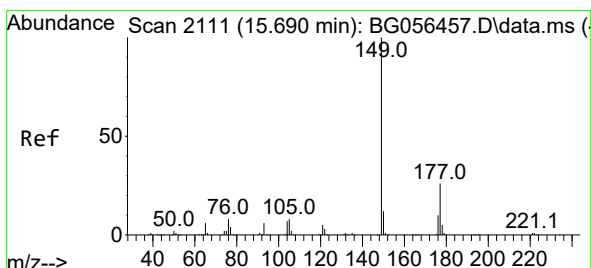
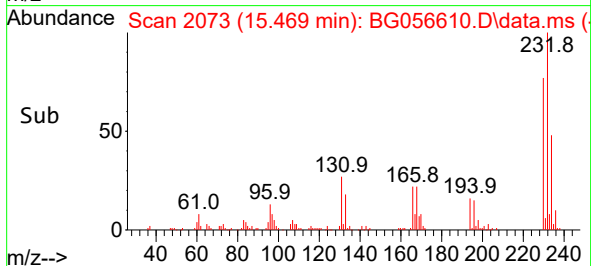
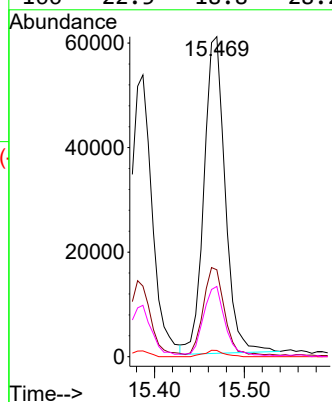
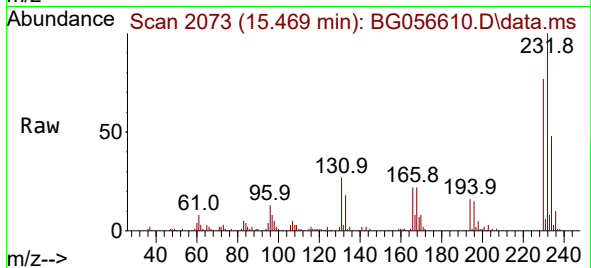
VNJ-208MS

Tgt Ion:232 Resp: 99302
Ion Ratio Lower Upper
232 100
131 29.5 22.8 34.2
130 1.9 1.4 2.0
166 22.5 18.8 28.2

Manual Integrations

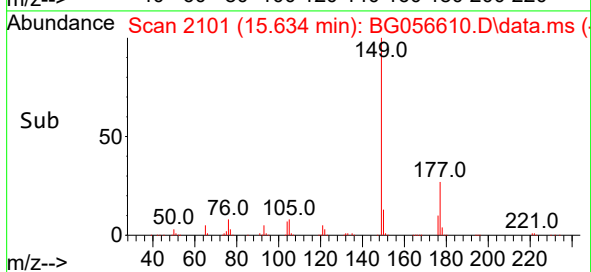
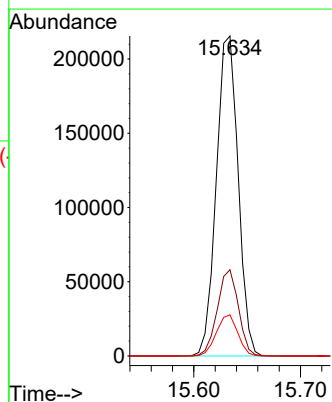
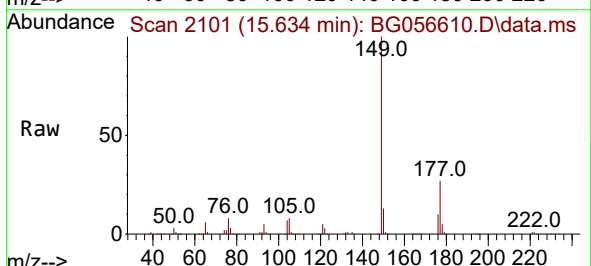
APPROVED

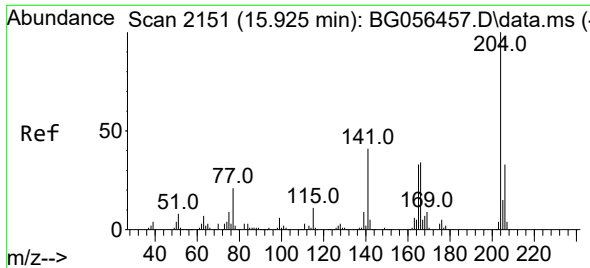
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#60
Diethylphthalate
Concen: 43.969 ng
RT: 15.634 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

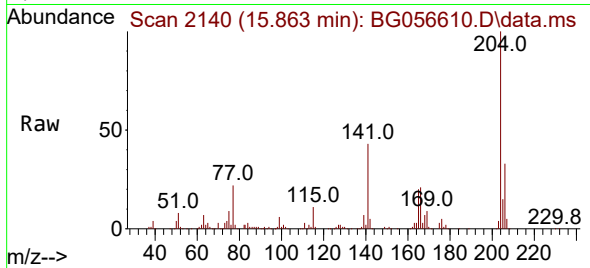
Tgt Ion:149 Resp: 305797
Ion Ratio Lower Upper
149 100
177 26.9 21.0 31.4
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.899 ng
RT: 15.863 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

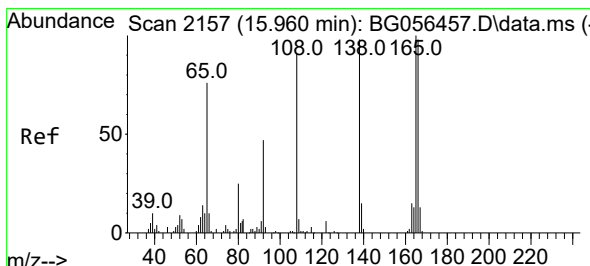
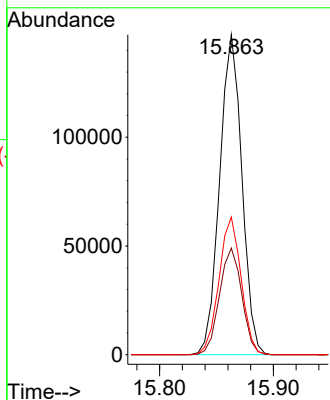
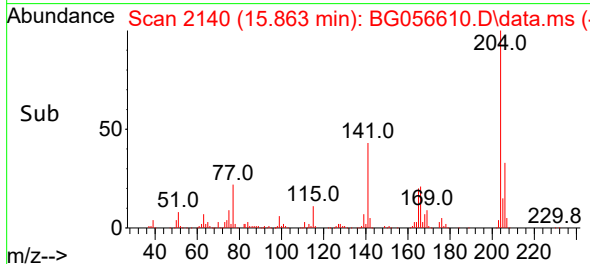
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



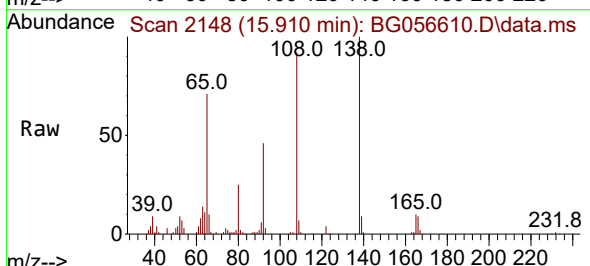
Tgt Ion:204 Resp: 20014
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.4
141 43.0 32.7 49.1

Manual Integrations
APPROVED

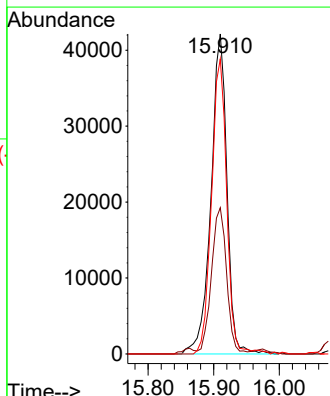
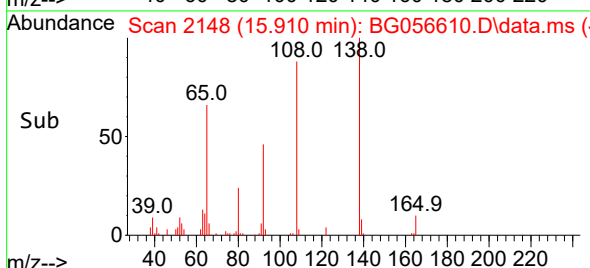
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

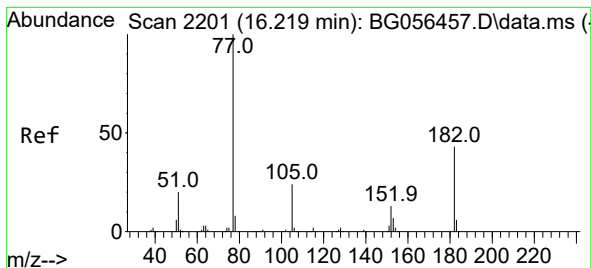


#62
4-Nitroaniline
Concen: 45.514 ng
RT: 15.910 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:138 Resp: 71315
Ion Ratio Lower Upper
138 100
92 45.7 27.8 67.8
108 92.2 72.6 112.6





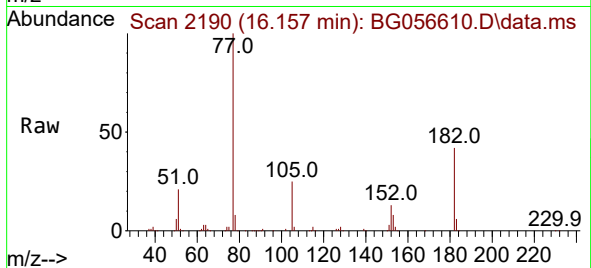
#63
Azobenzene
Concen: 52.810 ng
RT: 16.157 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

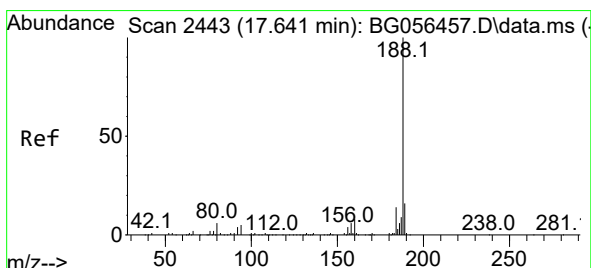
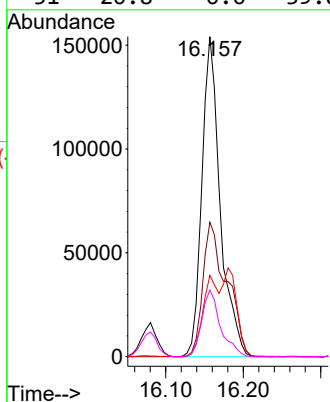
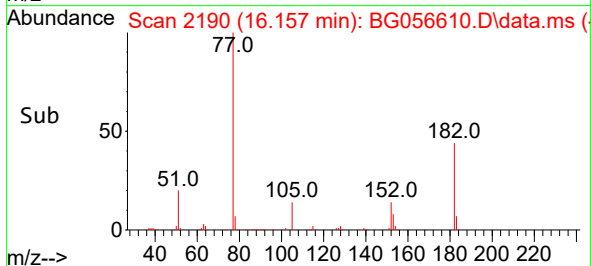


Tgt Ion: 77 Resp: 252724
Ion Ratio Lower Upper
77 100
182 42.0 23.1 63.1
105 25.4 4.2 44.2
51 20.8 0.0 39.8

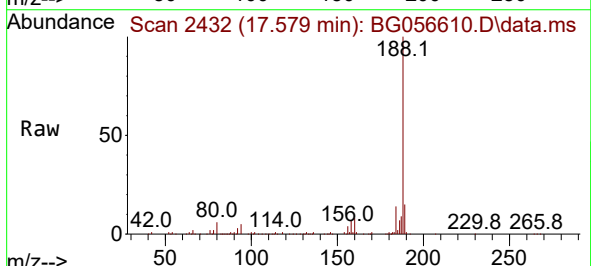
Manual Integrations

APPROVED

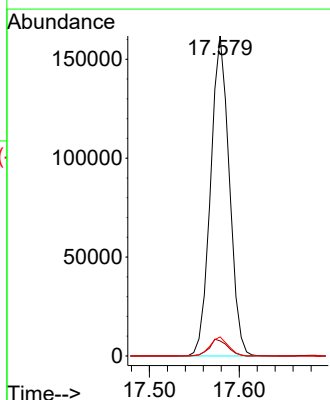
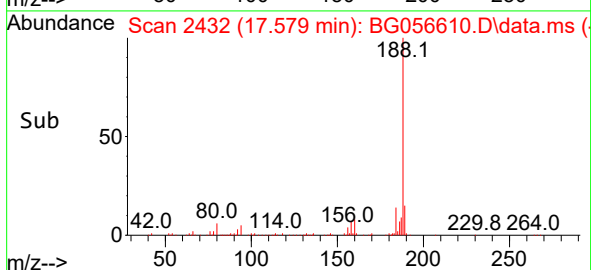
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

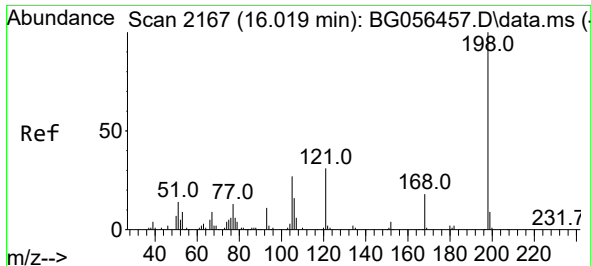


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:188 Resp: 233967
Ion Ratio Lower Upper
188 100
94 4.7 4.1 6.1
80 6.0 5.0 7.4





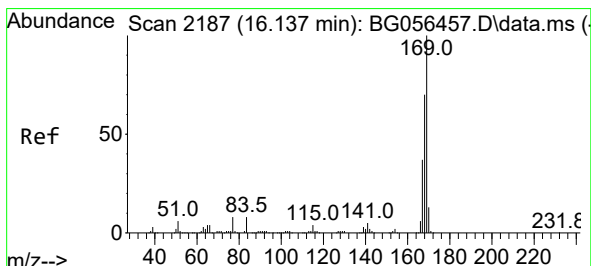
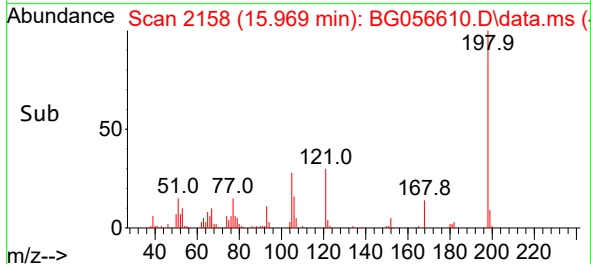
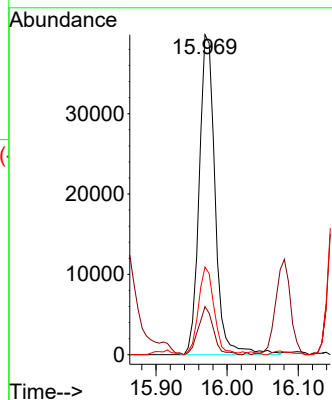
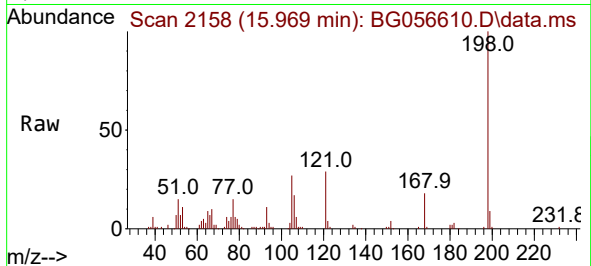
#65
4,6-Dinitro-2-methylphenol
Concen: 37.781 ng
RT: 15.969 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:198 Resp: 62140
Ion Ratio Lower Upper
198 100
51 15.0 0.0 35.0
105 27.4 7.4 47.4

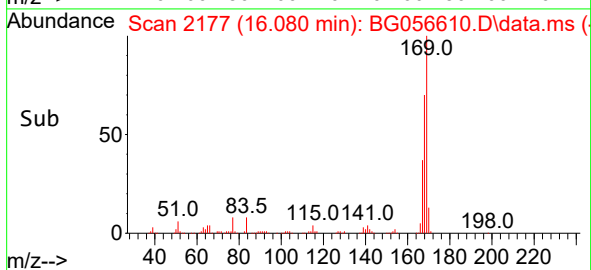
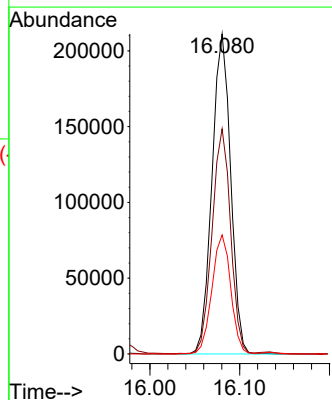
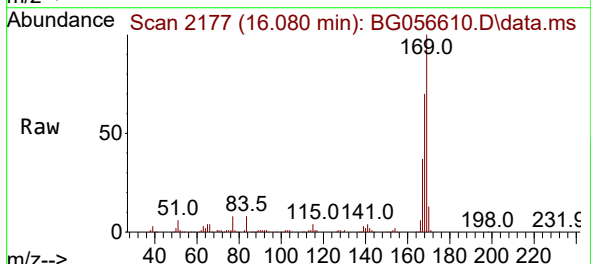
Manual Integrations
APPROVED

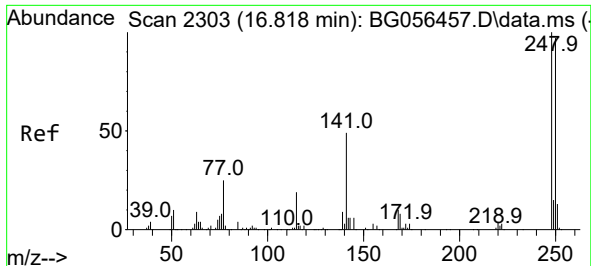
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#66
n-Nitrosodiphenylamine
Concen: 46.000 ng
RT: 16.080 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

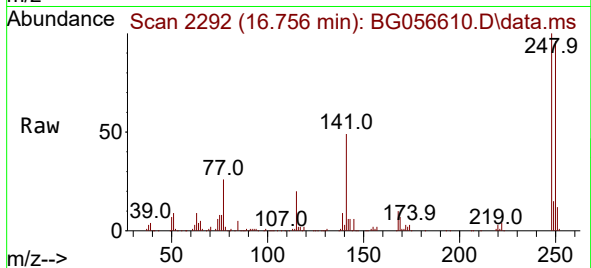
Tgt Ion:169 Resp: 304716
Ion Ratio Lower Upper
169 100
168 70.4 55.8 83.6
167 37.2 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 46.146 ng
RT: 16.756 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

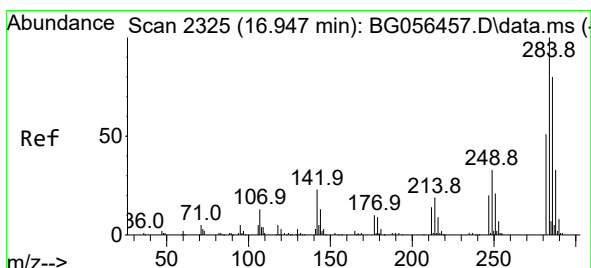
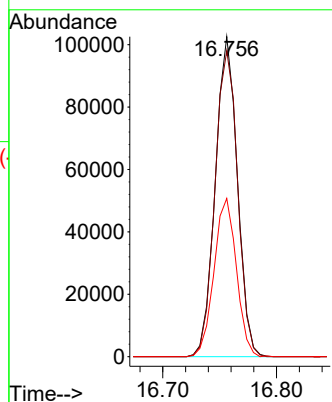
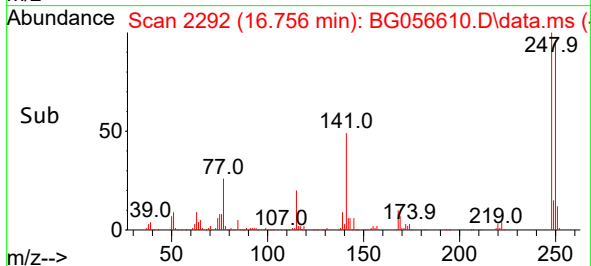
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



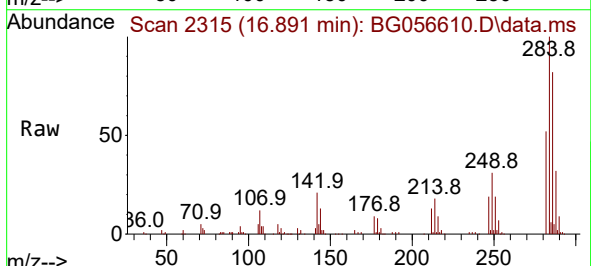
Tgt Ion:248 Resp: 138210
Ion Ratio Lower Upper
248 100
250 95.6 77.6 116.4
141 49.5 39.0 58.4

Manual Integrations
APPROVED

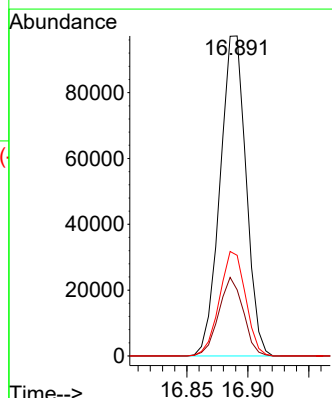
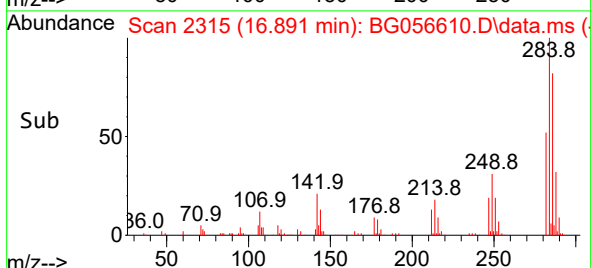
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

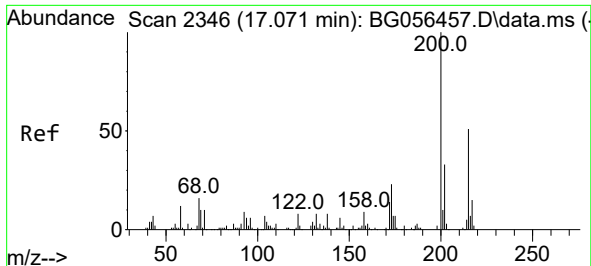


#68
Hexachlorobenzene
Concen: 49.193 ng
RT: 16.891 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:284 Resp: 144312
Ion Ratio Lower Upper
284 100
142 20.7 18.0 27.0
249 31.5 26.7 40.1





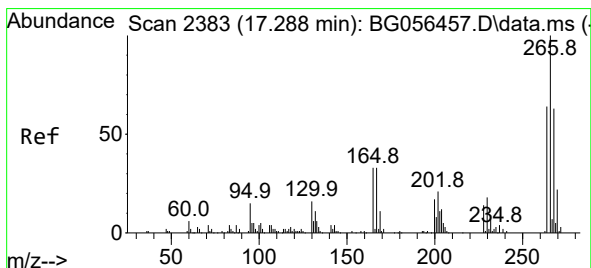
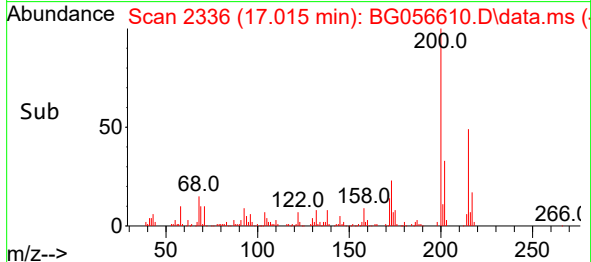
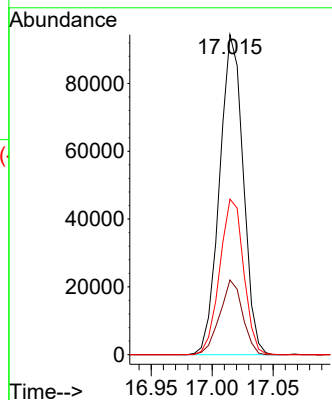
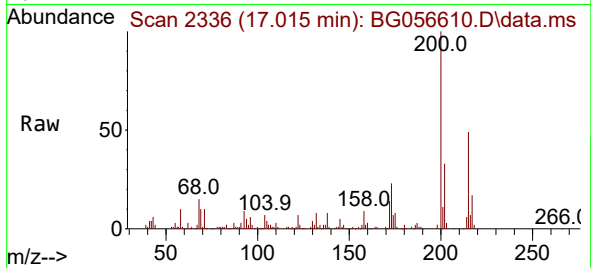
#69
 Atrazine
 Concen: 49.829 ng
 RT: 17.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056610.D
 Acq: 10 Feb 2023 18:00

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208MS

Tgt Ion:200 Resp: 12734
 Ion Ratio Lower Upper
 200 100
 173 23.4 3.2 43.2
 215 48.6 30.7 70.7

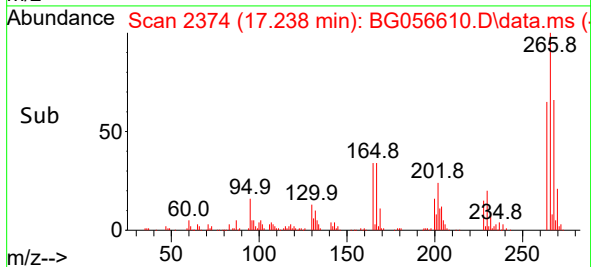
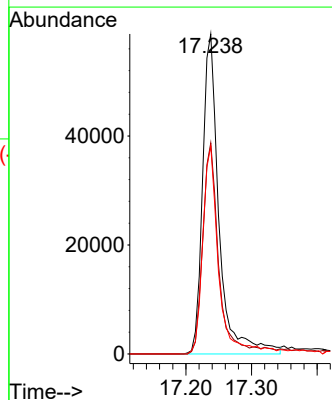
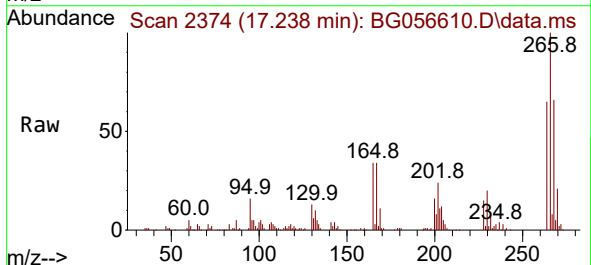
Manual Integrations
 APPROVED

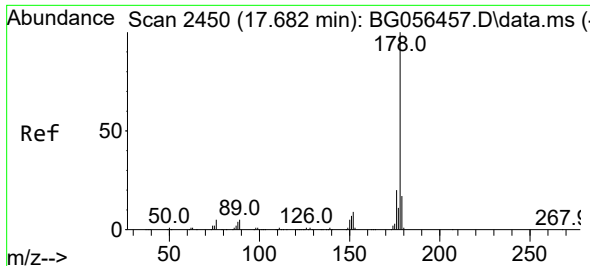
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023



#70
 Pentachlorophenol
 Concen: 57.725 ng
 RT: 17.238 min Scan# 2374
 Delta R.T. 0.000 min
 Lab File: BG056610.D
 Acq: 10 Feb 2023 18:00

Tgt Ion:266 Resp: 102464
 Ion Ratio Lower Upper
 266 100
 268 66.0 50.2 75.4
 264 65.1 51.4 77.0





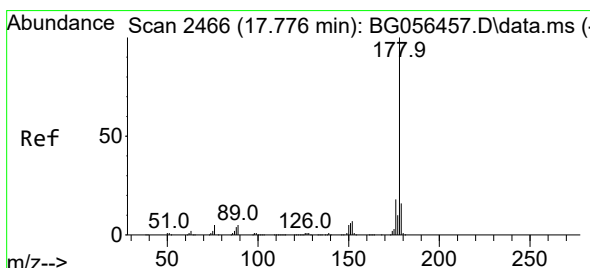
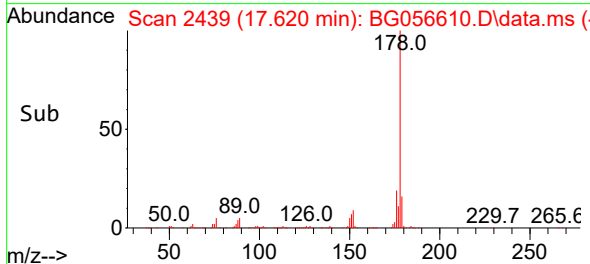
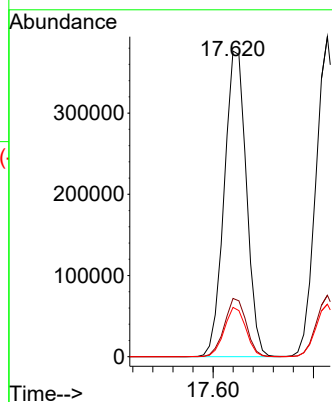
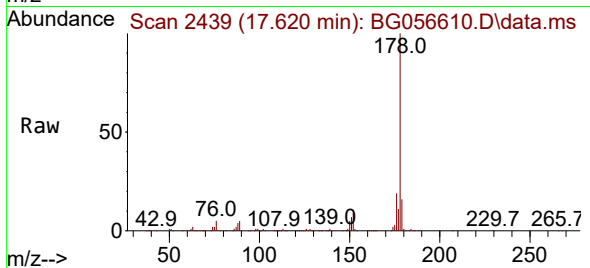
#71
Phenanthrene
Concen: 47.265 ng
RT: 17.620 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:178 Resp: 578785
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.1 13.3 19.9

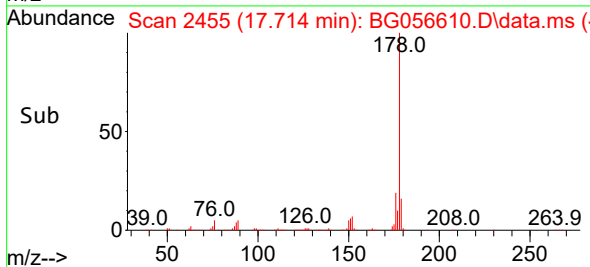
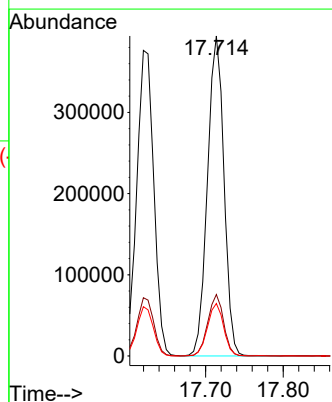
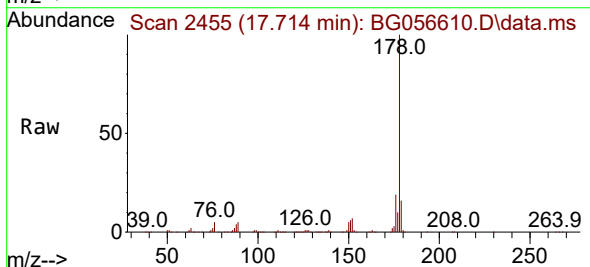
Manual Integrations
APPROVED

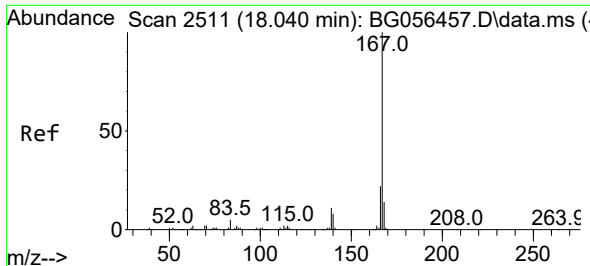
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#72
Anthracene
Concen: 46.319 ng
RT: 17.714 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:178 Resp: 582238
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 16.4 12.5 18.7





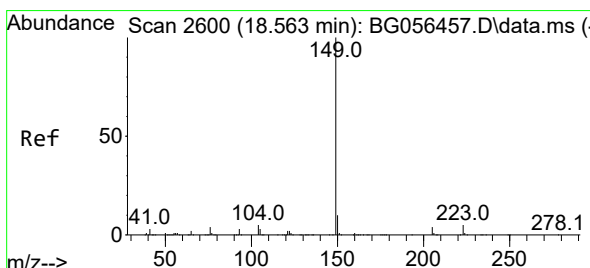
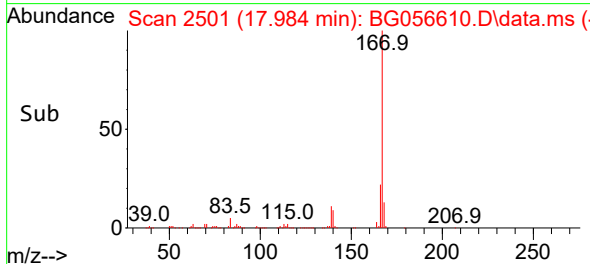
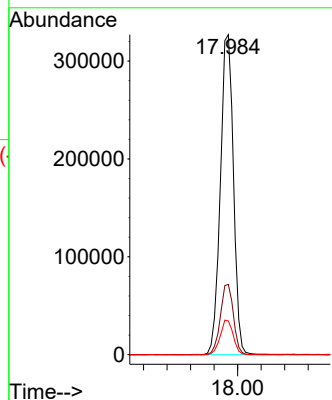
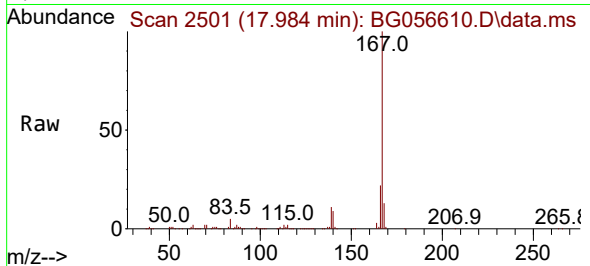
#73
Carbazole
Concen: 47.198 ng
RT: 17.984 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:167 Resp: 50530
Ion Ratio Lower Upper
167 100
166 22.0 17.8 26.6
139 10.6 8.9 13.3

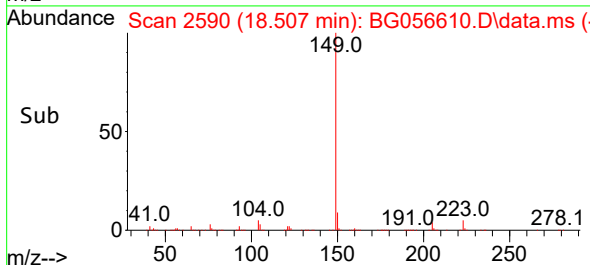
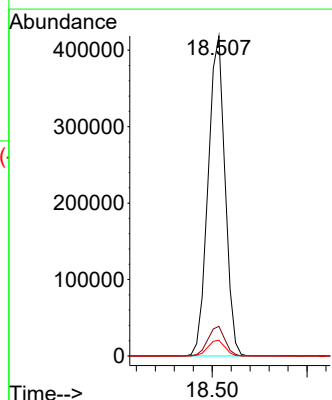
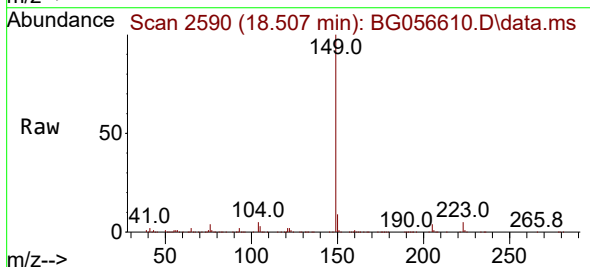
Manual Integrations
APPROVED

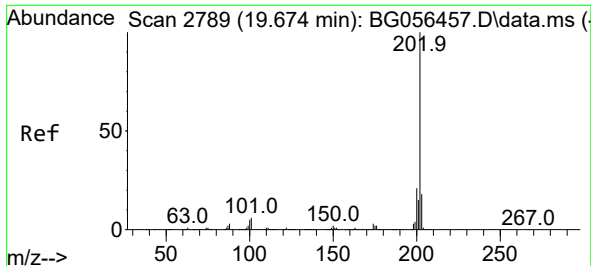
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#74
Di-n-butylphthalate
Concen: 45.997 ng
RT: 18.507 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

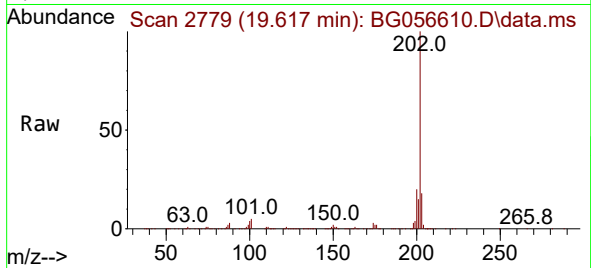
Tgt Ion:149 Resp: 517069
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 47.192 ng
RT: 19.617 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

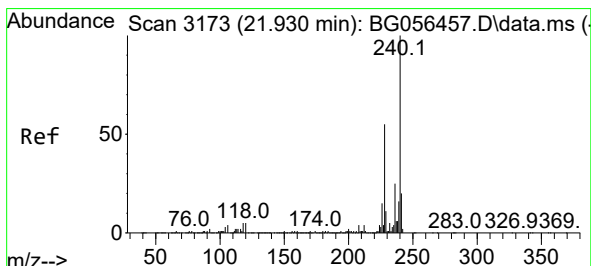
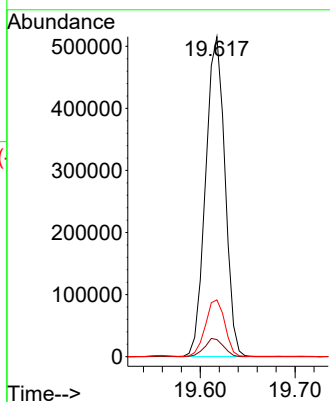
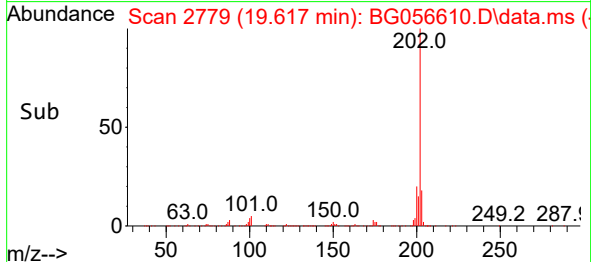
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



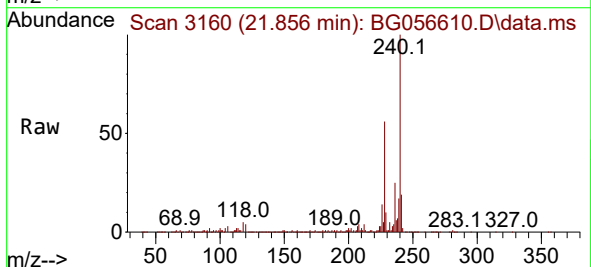
Tgt Ion:202 Resp: 72935
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.6
203 17.8 0.0 38.1

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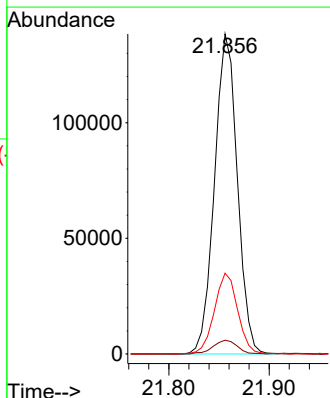
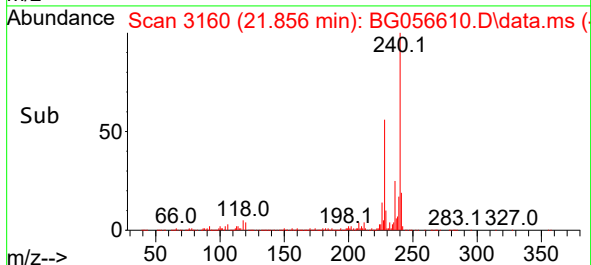
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

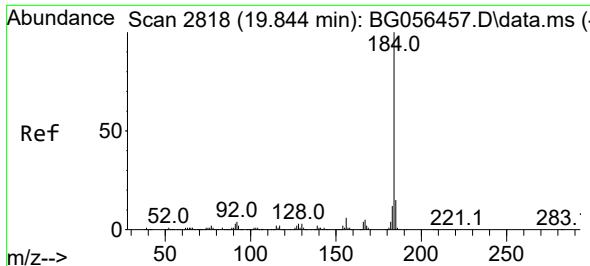


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:240 Resp: 218062
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.2 20.2 30.2





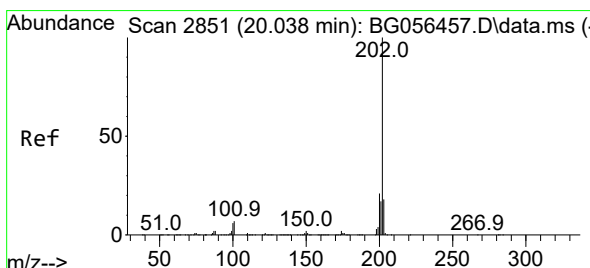
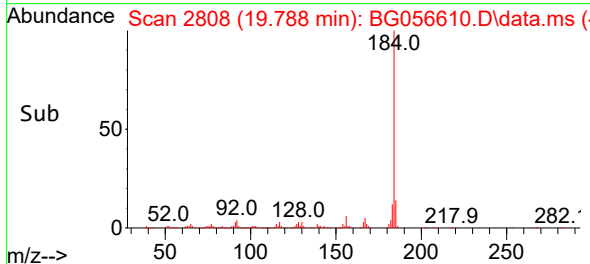
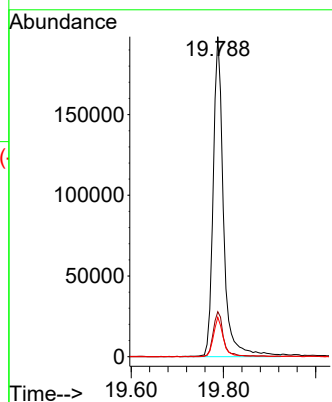
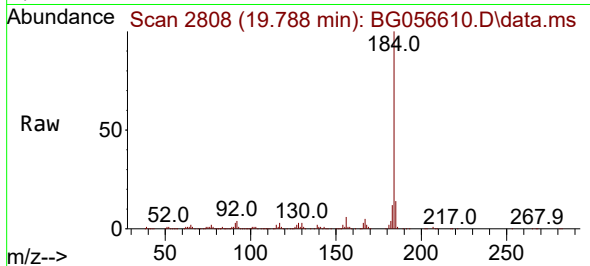
#77
Benzidine
Concen: 52.391 ng
RT: 19.788 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:184 Resp: 309162
Ion Ratio Lower Upper
184 100
185 14.1 12.3 18.5
183 12.3 9.8 14.8

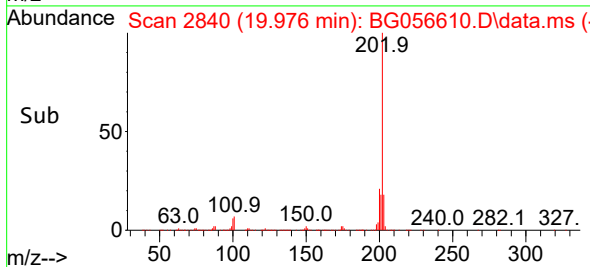
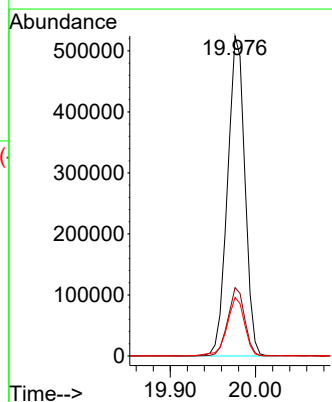
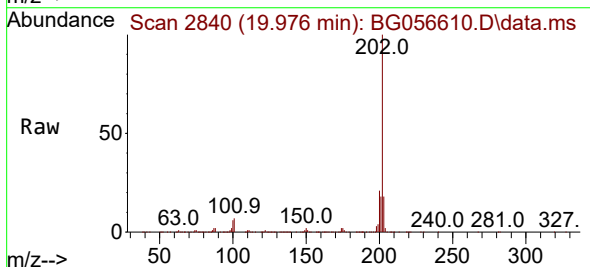
Manual Integrations
APPROVED

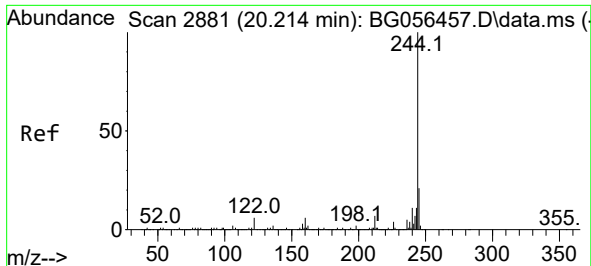
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#78
Pyrene
Concen: 47.682 ng
RT: 19.976 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

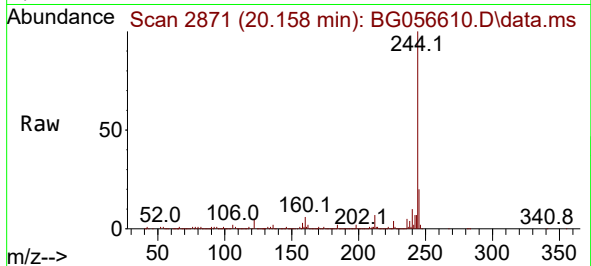
Tgt Ion:202 Resp: 739502
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.3 14.4 21.6





#79
 Terphenyl-d14
 Concen: 78.625 ng
 RT: 20.158 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056610.D
 Acq: 10 Feb 2023 18:00

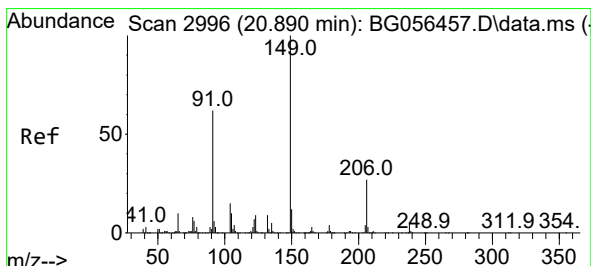
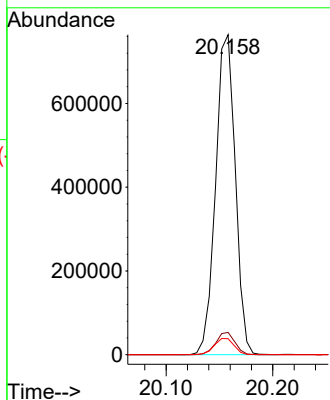
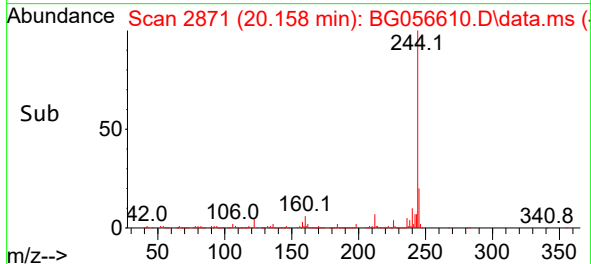
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208MS



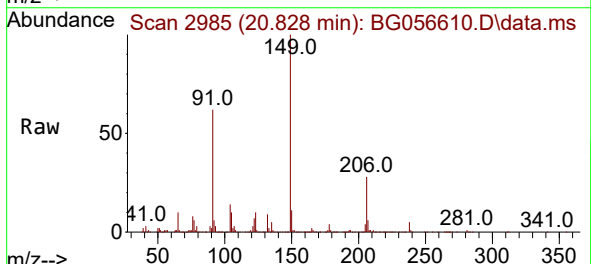
Tgt Ion:244 Resp: 97617
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.0 4.4 6.6

Manual Integrations
 APPROVED

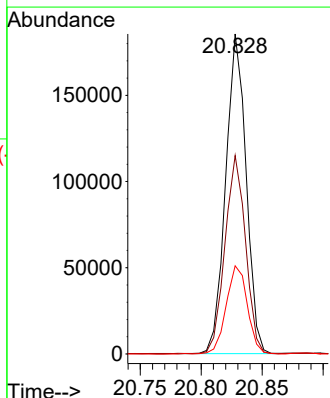
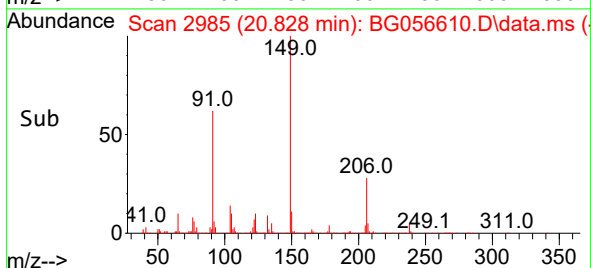
Reviewed By :Christian Giraldo 02/13/2023
 Supervised By :Jagrut Upadhyay 02/13/2023

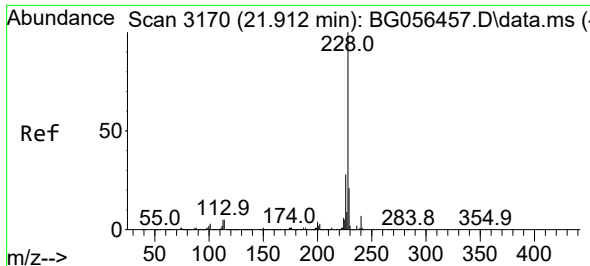


#80
 Butylbenzylphthalate
 Concen: 45.606 ng
 RT: 20.828 min Scan# 2985
 Delta R.T. -0.006 min
 Lab File: BG056610.D
 Acq: 10 Feb 2023 18:00



Tgt Ion:149 Resp: 216012
 Ion Ratio Lower Upper
 149 100
 91 62.0 49.4 74.0
 206 27.6 22.0 33.0





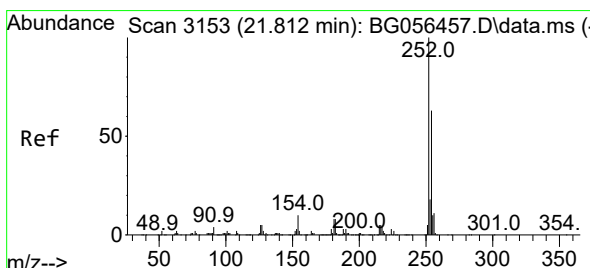
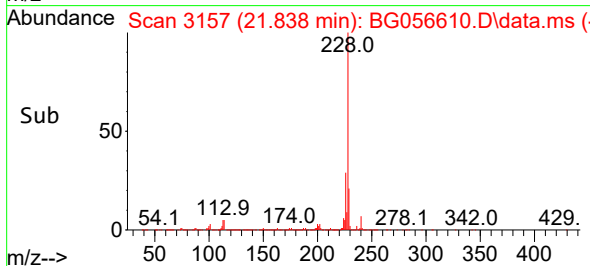
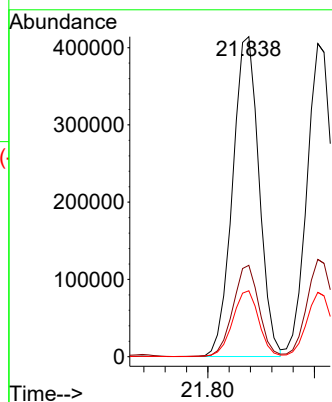
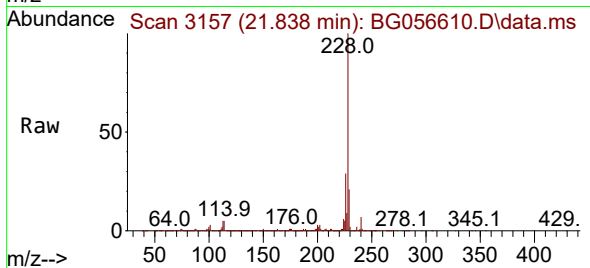
#81
Benzo(a)anthracene
Concen: 46.809 ng
RT: 21.838 min Scan# 311
Delta R.T. 0.000 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:228 Resp: 713602
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.6 16.5 24.7

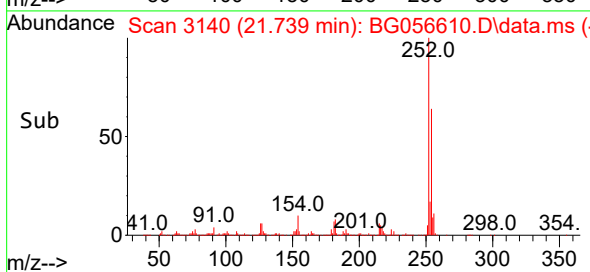
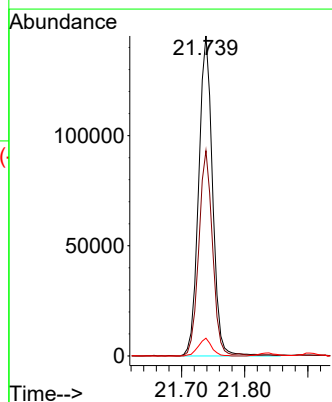
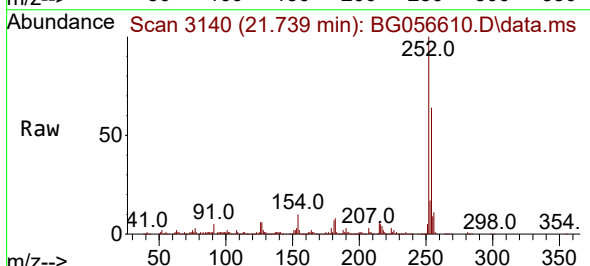
Manual Integrations
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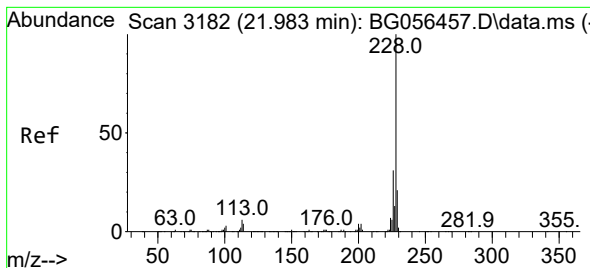
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.397 ng
RT: 21.739 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:252 Resp: 221779
Ion Ratio Lower Upper
252 100
254 64.2 50.0 75.0
126 5.6 4.3 6.5





#83

Chrysene

Concen: 46.590 ng

RT: 21.903 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

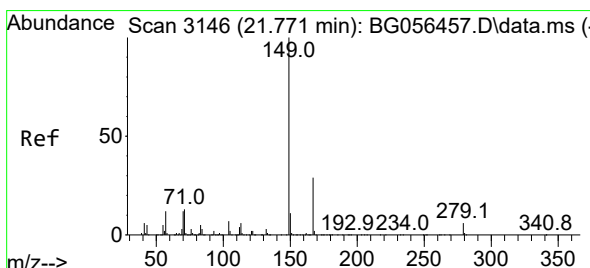
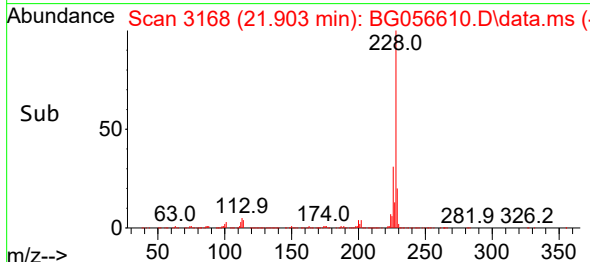
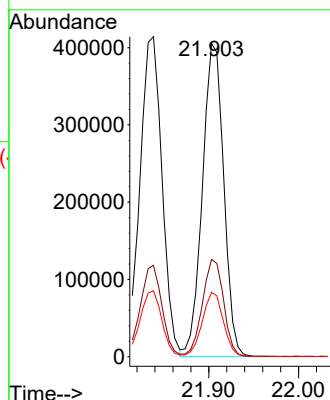
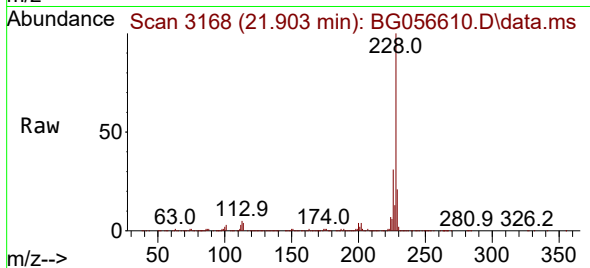
VNJ-208MS

Tgt Ion:228 Resp: 667284
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.4
 229 20.5 16.4 24.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.999 ng

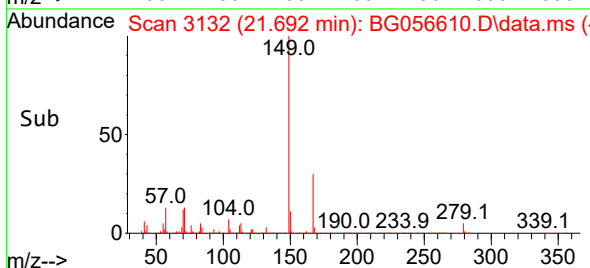
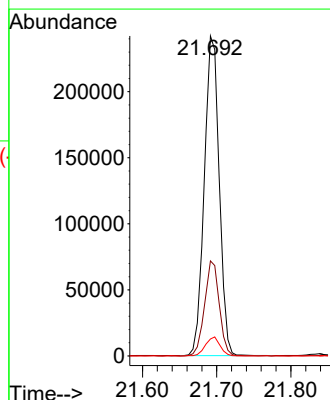
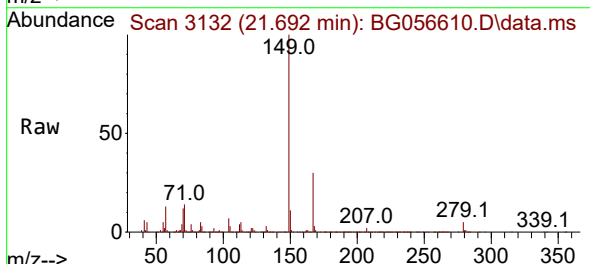
RT: 21.692 min Scan# 3132

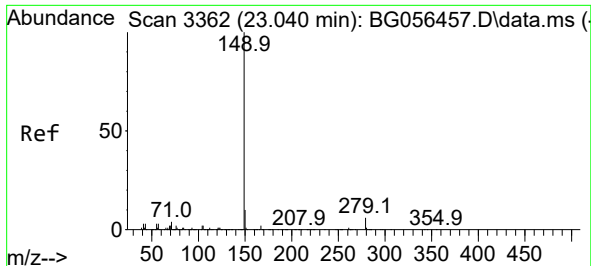
Delta R.T. -0.006 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

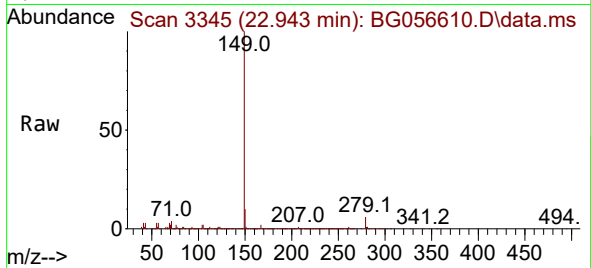
Tgt Ion:149 Resp: 339537
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.4 35.2
 279 5.3 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 45.994 ng
RT: 22.943 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

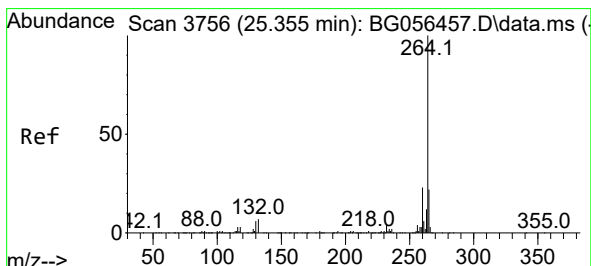
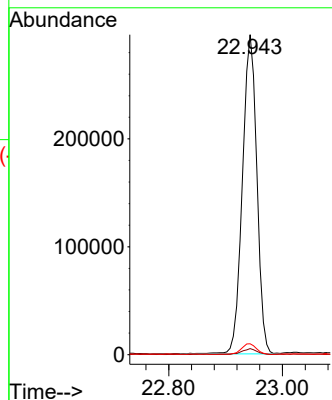
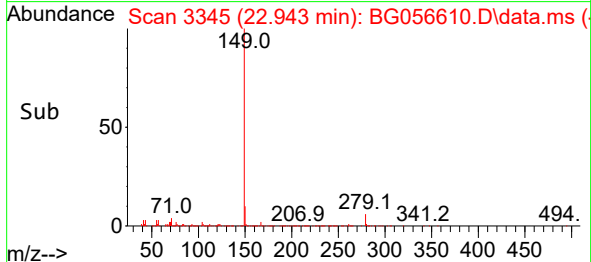
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



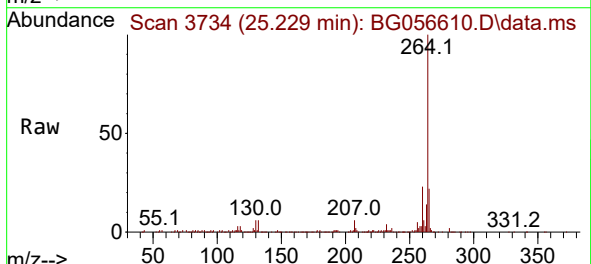
Tgt Ion:149 Resp: 520154
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 3.4 2.7 4.1

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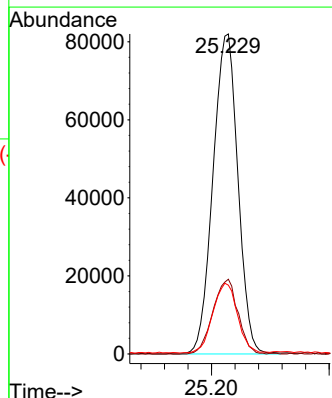
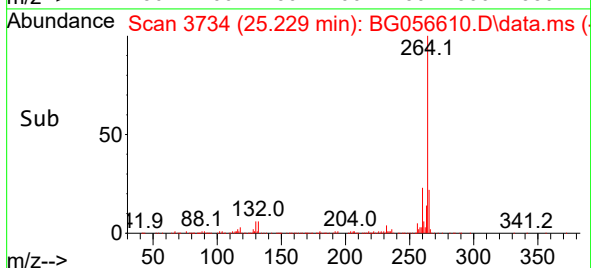
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

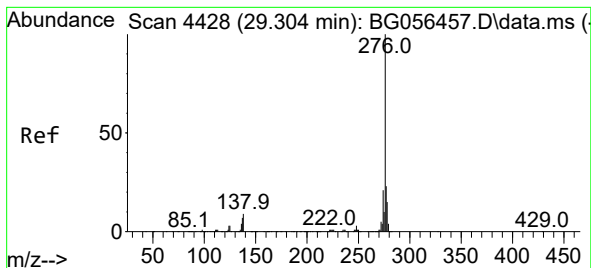


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.229 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00



Tgt Ion:264 Resp: 241037
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.5 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.453 ng

RT: 29.118 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion:276 Resp: 854910

Ion Ratio Lower Upper

276 100

138 0.0 9.4 14.2

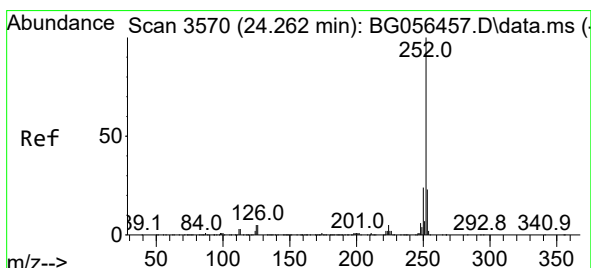
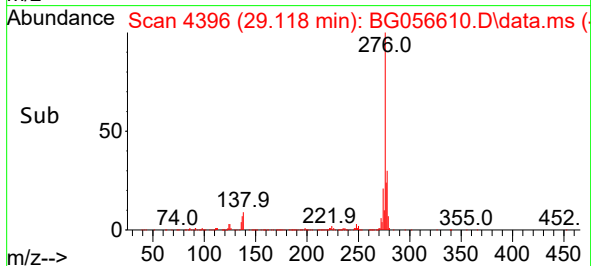
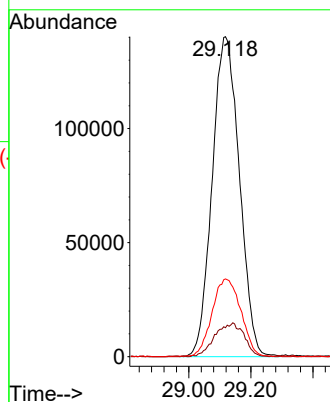
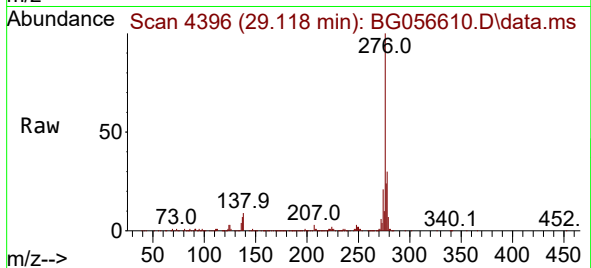
277 25.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#88

Benzo(b)fluoranthene

Concen: 49.719 ng

RT: 24.153 min Scan# 3551

Delta R.T. -0.006 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

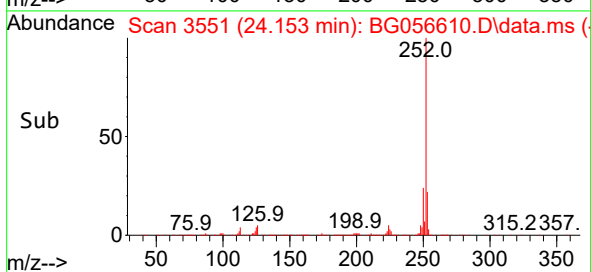
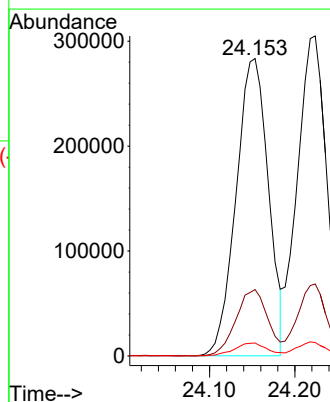
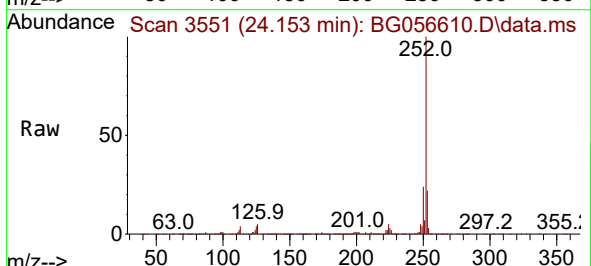
Tgt Ion:252 Resp: 743845

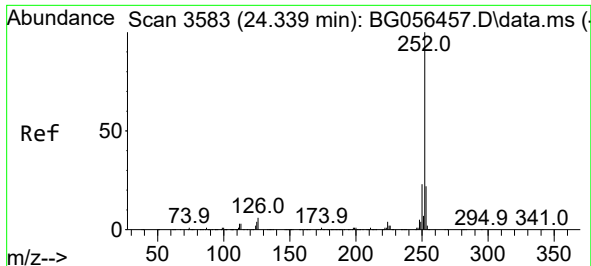
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 4.4 3.9 5.9





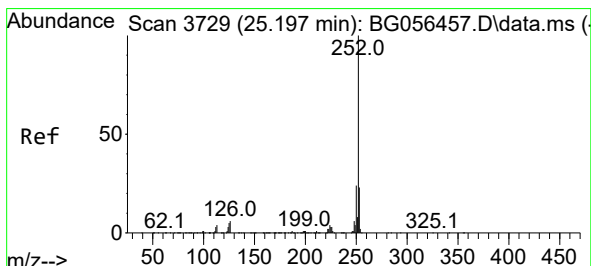
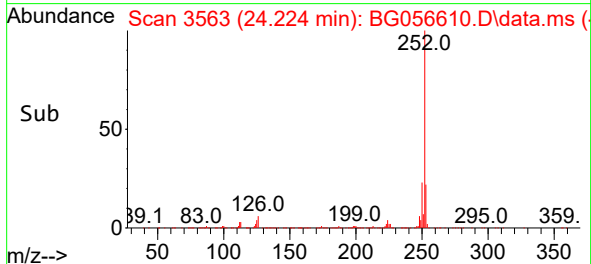
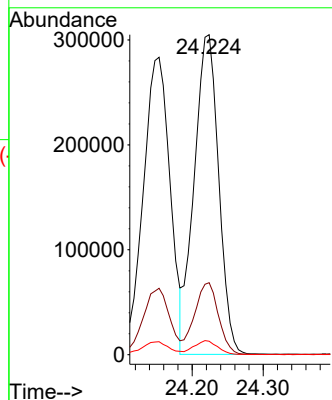
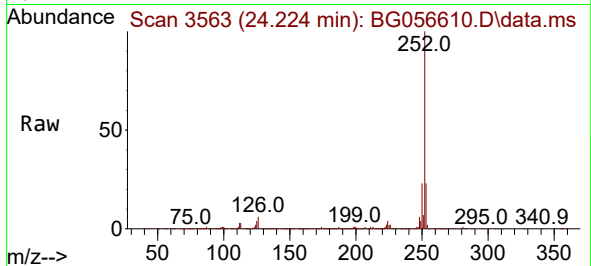
#89
Benzo(k)fluoranthene
Concen: 48.316 ng
RT: 24.224 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:252 Resp: 72981
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 4.2 3.4 5.0

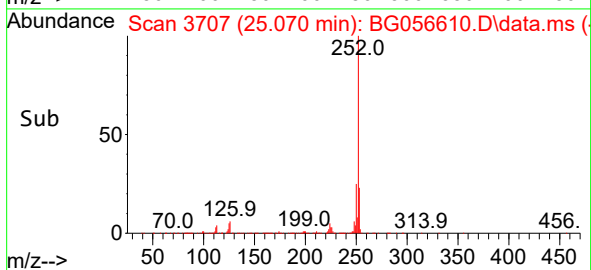
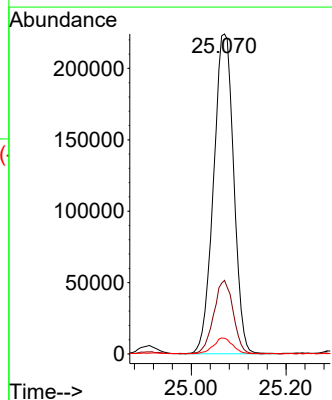
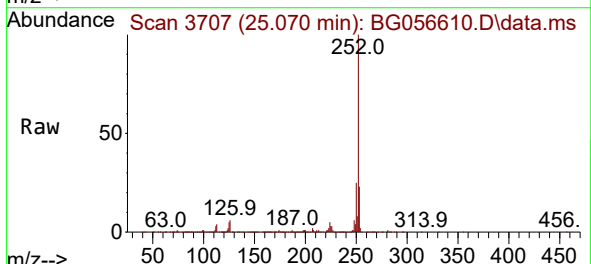
Manual Integrations
APPROVED

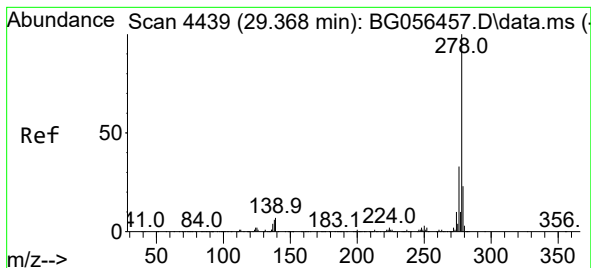
Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023



#90
Benzo(a)pyrene
Concen: 44.869 ng
RT: 25.070 min Scan# 3707
Delta R.T. -0.012 min
Lab File: BG056610.D
Acq: 10 Feb 2023 18:00

Tgt Ion:252 Resp: 661252
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 4.9 4.1 6.1





#91

Dibenzo(a,h)anthracene

Concen: 48.086 ng

RT: 29.171 min Scan# 4439

Delta R.T. -0.012 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion:278 Resp: 712170

Ion Ratio Lower Upper

278 100

139 7.0 5.5 8.3

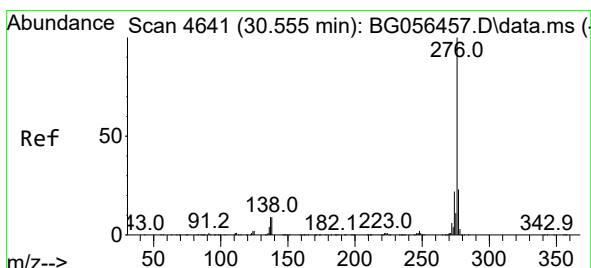
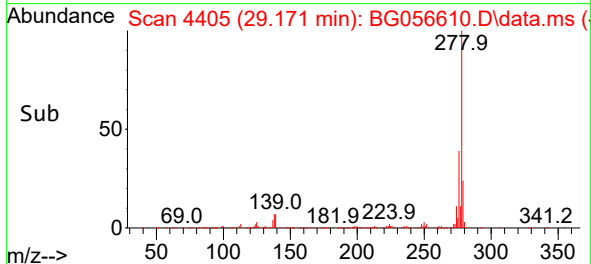
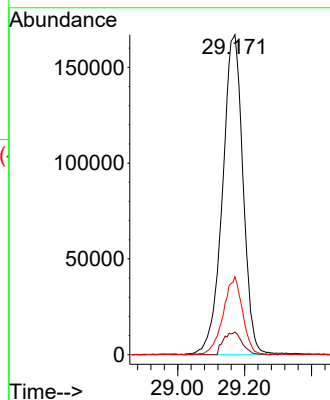
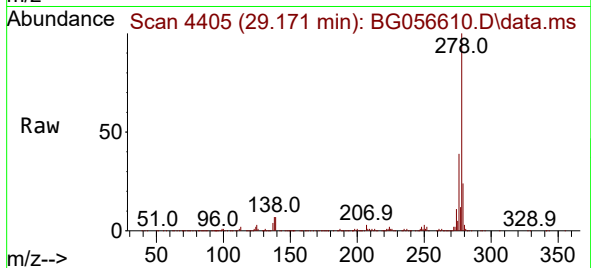
279 24.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/13/2023

Supervised By :Jagrut Upadhyay 02/13/2023



#92

Benzo(g,h,i)perylene

Concen: 48.878 ng

RT: 30.340 min Scan# 4604

Delta R.T. -0.012 min

Lab File: BG056610.D

Acq: 10 Feb 2023 18:00

Tgt Ion:276 Resp: 698492

Ion Ratio Lower Upper

276 100

277 24.2 18.5 27.7

138 9.4 7.4 11.0

