

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056279.D
 Acq On : 13 Jan 2023 15:53
 Operator : CG/JU
 Sample : 01129-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS

Quant Time: Jan 16 00:22:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/16/2023
 Supervised By : Jagrut Upadhyay 01/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	39634	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	149153	20.000	ng	# 0.00
39) Acenaphthene-d10	14.934	164	123664	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	305373	20.000	ng	0.00
76) Chrysene-d12	21.961	240	302570	20.000	ng	# 0.00
86) Perylene-d12	25.410	264	343330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	298759	134.590	ng	0.01
7) Phenol-d6	7.455	99	431374	126.542	ng	0.00
23) Nitrobenzene-d5	9.493	82	225803	77.438	ng	0.00
42) 2,4,6-Tribromophenol	16.415	330	194264	124.036	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	731121	81.641	ng	0.00
79) Terphenyl-d14	20.240	244	1415200	83.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	43544	42.947	ng	# 91
3) Pyridine	4.064	79	113045	36.607	ng	# 95
4) n-Nitrosodimethylamine	3.976	42	26850	42.743	ng	92
6) Aniline	7.631	93	123796	27.692	ng	96
8) 2-Chlorophenol	7.878	128	117125	53.024	ng	94
9) Benzaldehyde	7.443	77	59626	29.417	ng	97
10) Phenol	7.484	94	173142	50.082	ng	95
11) bis(2-Chloroethyl)ether	7.719	93	105495	45.029	ng	94
12) 1,3-Dichlorobenzene	8.207	146	134559	50.052	ng	94
13) 1,4-Dichlorobenzene	8.354	146	134050	49.655	ng	98
14) 1,2-Dichlorobenzene	8.677	146	130171	49.972	ng	97
15) Benzyl Alcohol	8.547	79	114254	46.051	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.835	45	22719	54.876	ng	# 79
17) 2-Methylphenol	8.753	107	118531	46.725	ng	97
18) Hexachloroethane	9.417	117	41101	50.116	ng	95
19) n-Nitroso-di-n-propyla...	9.123	70	83928	40.488	ng	97
20) 3+4-Methylphenols	9.076	107	164357	46.083	ng	96
22) Acetophenone	9.147	105	189248	44.874	ng	# 98
24) Nitrobenzene	9.535	77	130016	44.993	ng	99
25) Isophorone	10.057	82	257850	42.029	ng	96
26) 2-Nitrophenol	10.251	139	73580	49.767	ng	100
27) 2,4-Dimethylphenol	10.292	122	132604	49.173	ng	98
28) bis(2-Chloroethoxy)met...	10.533	93	147410	46.229	ng	98
29) 2,4-Dichlorophenol	10.786	162	150679	50.541	ng	96
30) 1,2,4-Trichlorobenzene	11.009	180	162317	47.977	ng	99
31) Naphthalene	11.203	128	368470	46.941	ng	99
32) Benzoic acid	10.422	122	97378	48.669	ng	92
33) 4-Chloroaniline	11.297	127	70940	18.929	ng	94
34) Hexachlorobutadiene	11.479	225	115298	47.384	ng	98
35) Caprolactam	12.067	113	47448m	47.007	ng	
36) 4-Chloro-3-methylphenol	12.396	107	148822	49.194	ng	95
37) 2-Methylnaphthalene	12.784	142	291547	43.987	ng	99
38) 1-Methylnaphthalene	13.001	142	271611	44.129	ng	97
40) 1,2,4,5-Tetrachloroben...	13.142	216	222745	48.058	ng	99
41) Hexachlorocyclopentadiene	13.119	237	306492	115.987	ng	96
43) 2,4,6-Trichlorophenol	13.371	196	154665	50.465	ng	98

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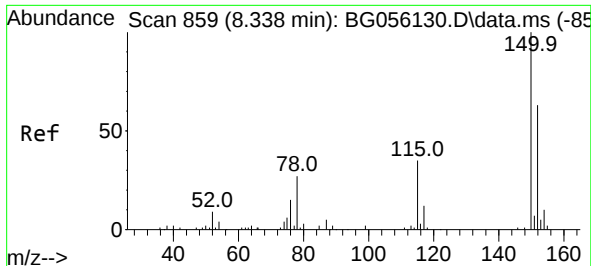
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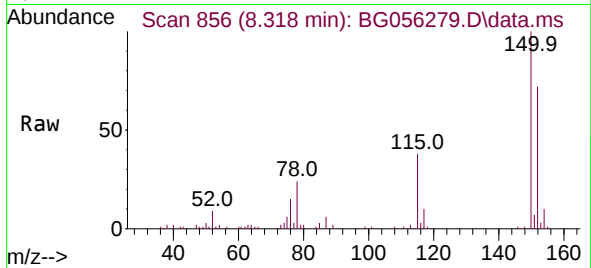
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.448	196	172425	47.560	ng	99
46) 1,1'-Biphenyl	13.771	154	424733	47.958	ng	97
47) 2-Chloronaphthalene	13.818	162	344704	49.310	ng	98
48) 2-Nitroaniline	14.012	65	73320	49.227	ng	97
49) Acenaphthylene	14.658	152	529675	46.561	ng	98
50) Dimethylphthalate	14.370	163	449620	45.039	ng	100
51) 2,6-Dinitrotoluene	14.493	165	98057	46.097	ng	98
52) Acenaphthene	14.999	154	403706m	54.564	ng	
53) 3-Nitroaniline	14.822	138	52052	25.712	ng	94
54) 2,4-Dinitrophenol	15.034	184	158547	104.332	ng	# 95
55) Dibenzofuran	15.328	168	565185	46.162	ng	98
56) 4-Nitrophenol	15.122	139	155818	100.077	ng	95
57) 2,4-Dinitrotoluene	15.281	165	143390	48.200	ng	91
58) Fluorene	15.974	166	451607	45.859	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	167740	49.276	ng	97
60) Diethylphthalate	15.721	149	416418	44.479	ng	98
61) 4-Chlorophenyl-phenyle...	15.956	204	280355	45.619	ng	99
62) 4-Nitroaniline	15.986	138	90300	43.545	ng	95
63) Azobenzene	16.250	77	387940	53.697	ng	96
65) 4,6-Dinitro-2-methylph...	16.039	198	105042	51.055	ng	93
66) n-Nitrosodiphenylamine	16.168	169	412247	48.656	ng	98
67) 4-Bromophenyl-phenylether	16.849	248	184424	47.427	ng	99
68) Hexachlorobenzene	16.973	284	182882	50.409	ng	94
69) Atrazine	17.102	200	177393	50.519	ng	99
70) Pentachlorophenol	17.314	266	244064	87.575	ng	100
71) Phenanthrene	17.713	178	748688	47.309	ng	99
72) Anthracene	17.801	178	775291	47.491	ng	100
73) Carbazole	18.066	167	649158	47.307	ng	98
74) Di-n-butylphthalate	18.595	149	646309	47.248	ng	99
75) Fluoranthene	19.699	202	931309	45.115	ng	100
77) Benzidine	19.864	184	322905	30.453	ng	97
78) Pyrene	20.063	202	960284	45.028	ng	99
80) Butylbenzylphthalate	20.921	149	290038	47.404	ng	98
81) Benzo(a)anthracene	21.944	228	1004613	47.272	ng	99
82) 3,3'-Dichlorobenzidine	21.844	252	186368	24.361	ng	99
83) Chrysene	22.014	228	933720	46.905	ng	99
84) Bis(2-ethylhexyl)phtha...	21.808	149	423813	48.080	ng	100
85) Di-n-octyl phthalate	23.095	149	727305	48.875	ng	99
87) Indeno(1,2,3-cd)pyrene	29.376	276	1236714	49.530	ng	100
88) Benzo(b)fluoranthene	24.311	252	1077301	49.386	ng	99
89) Benzo(k)fluoranthene	24.382	252	1032441	47.529	ng	99
90) Benzo(a)pyrene	25.251	252	949667	44.635	ng	100
91) Dibenzo(a,h)anthracene	29.446	278	1038250	49.596	ng	99
92) Benzo(g,h,i)perylene	30.627	276	999701	49.245	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

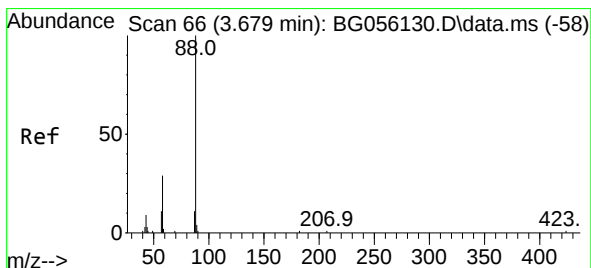
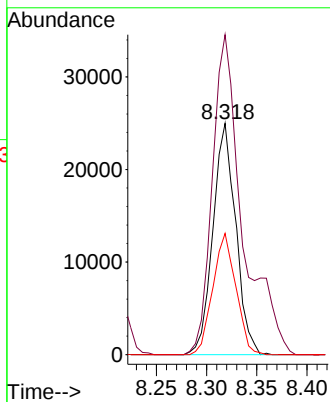
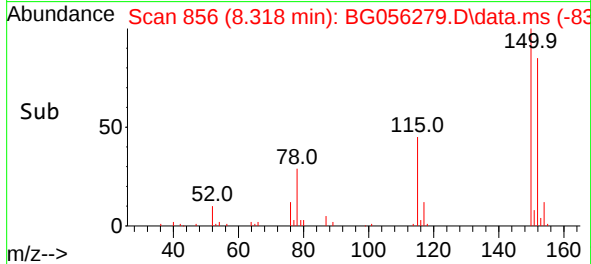
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



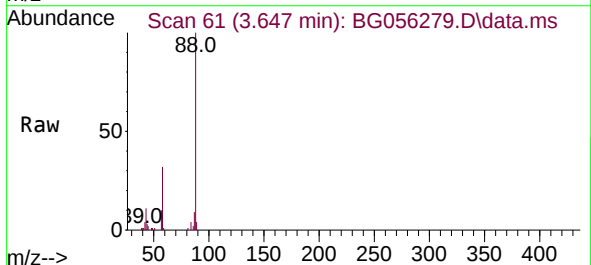
Tgt Ion:152 Resp: 39634
Ion Ratio Lower Upper
152 100
150 138.3 127.9 191.9
115 52.4 44.2 66.2

Manual Integrations
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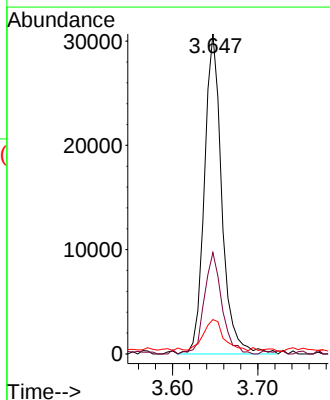
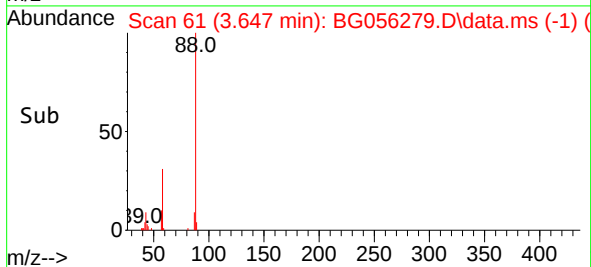
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#2
1,4-Dioxane
Concen: 42.947 ng
RT: 3.647 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



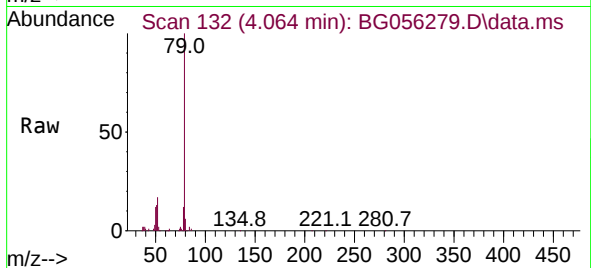
Tgt Ion: 88 Resp: 43544
Ion Ratio Lower Upper
88 100
58 31.9 21.4 32.0
43 11.3 7.1 10.7#





#3
Pyridine
Concen: 36.607 ng
RT: 4.064 min Scan# 113
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

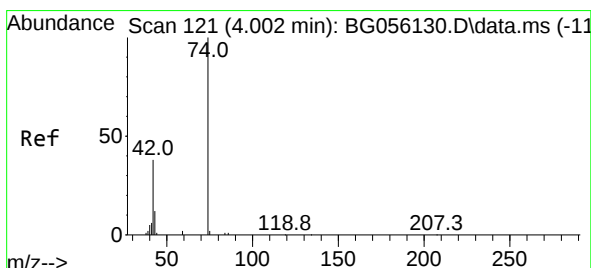
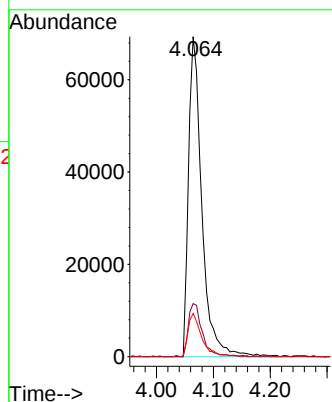
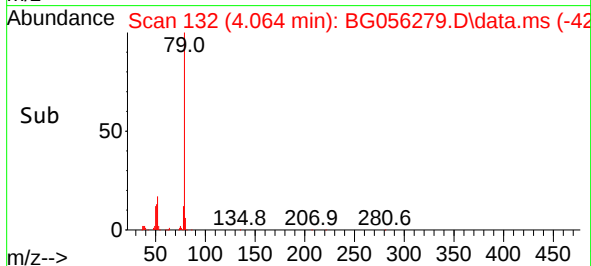
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion: 79 Resp: 113045
Ion Ratio Lower Upper
79 100
52 16.6 11.8 17.6
51 13.5 8.8 13.2

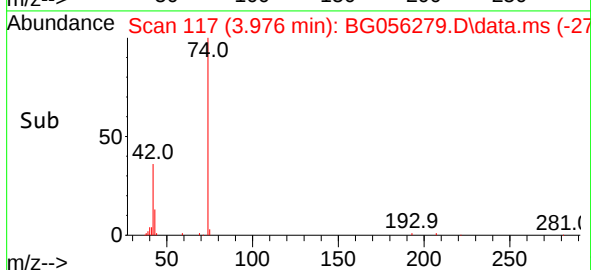
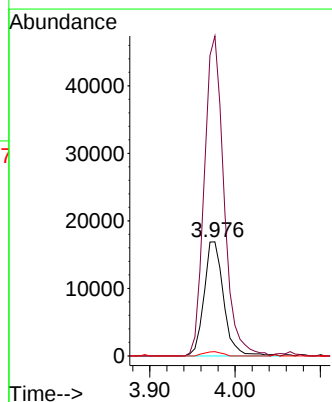
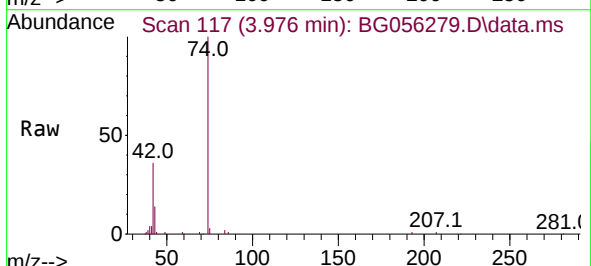
Manual Integrations
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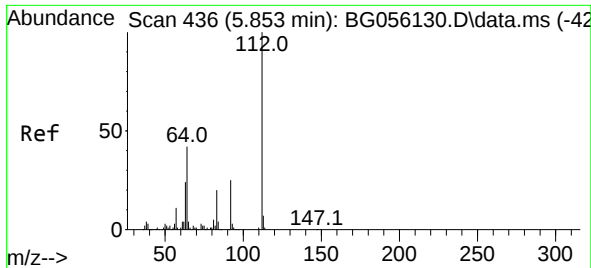
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#4
n-Nitrosodimethylamine
Concen: 42.743 ng
RT: 3.976 min Scan# 117
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

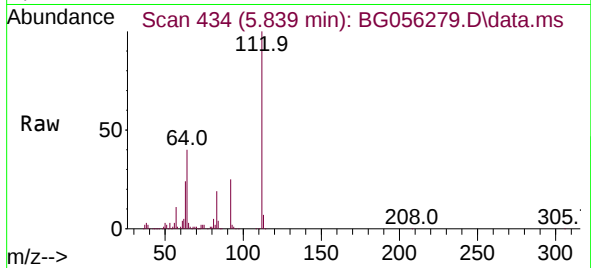
Tgt Ion: 42 Resp: 26850
Ion Ratio Lower Upper
42 100
74 280.5 212.6 319.0
44 3.8 2.6 3.8





#5
2-Fluorophenol
Concen: 134.590 ng
RT: 5.839 min Scan# 436
Delta R.T. 0.013 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

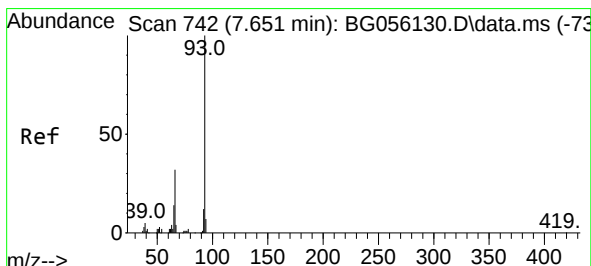
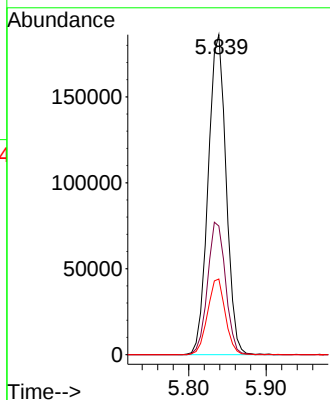
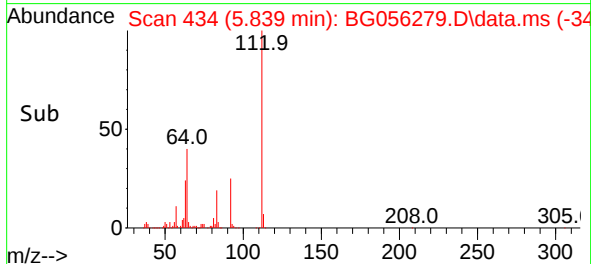
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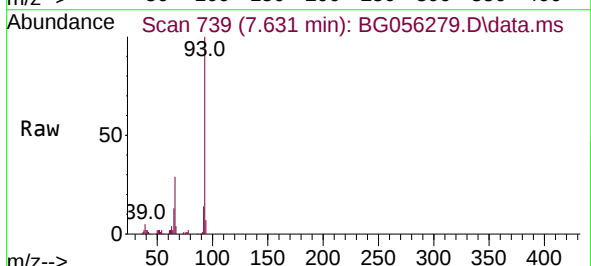
Tgt Ion:112 Resp: 298759
Ion Ratio Lower Upper
112 100
64 40.2 33.3 49.9
63 23.6 19.0 28.4

Manual Integrations
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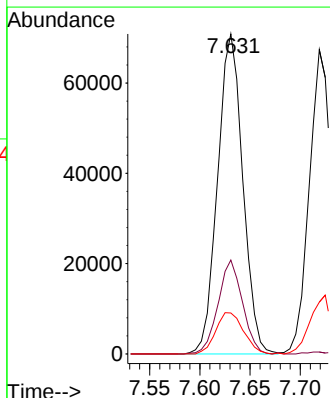
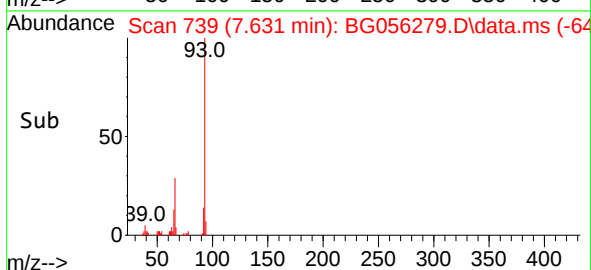
Reviewed By :Christian Giraldo 01/16/2023
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#6
Aniline
Concen: 27.692 ng
RT: 7.631 min Scan# 739
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



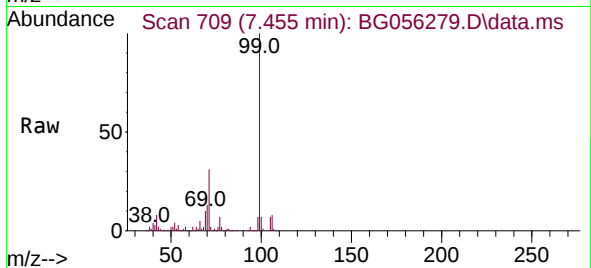
Tgt Ion: 93 Resp: 123796
Ion Ratio Lower Upper
93 100
66 29.3 25.4 38.2
65 12.8 11.4 17.2





#7
Phenol-d6
Concen: 126.542 ng
RT: 7.455 min Scan# 709
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

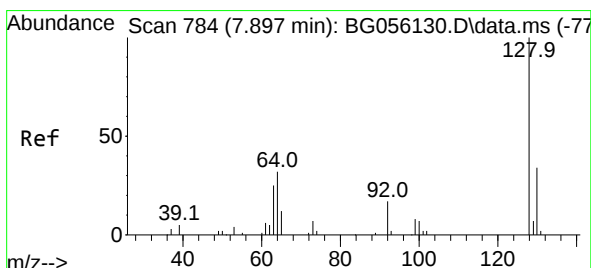
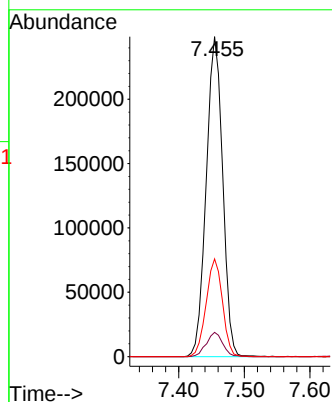
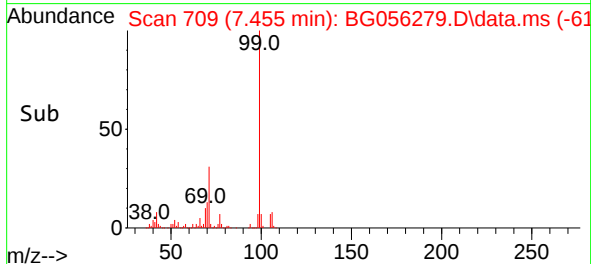
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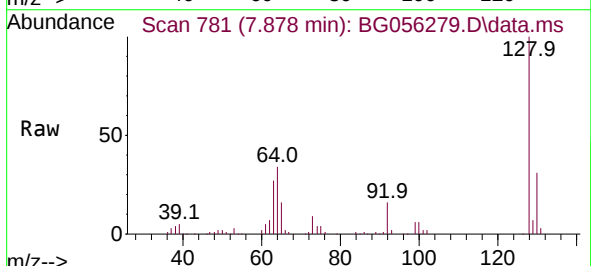
Tgt Ion: 99 Resp: 431374
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.5 25.4 38.2

Manual Integrations
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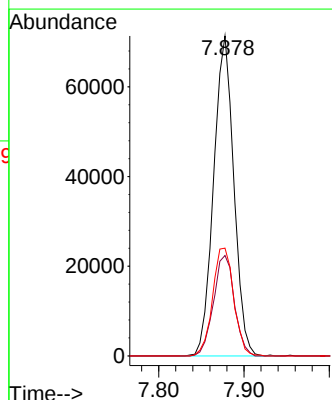
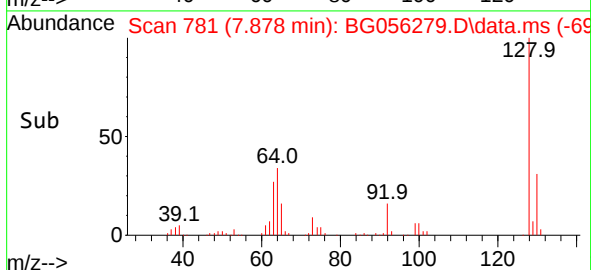
Reviewed By :Christian Giraldo 01/16/2023
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#8
2-Chlorophenol
Concen: 53.024 ng
RT: 7.878 min Scan# 781
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



Tgt Ion:128 Resp: 117125
Ion Ratio Lower Upper
128 100
130 31.4 13.5 53.5
64 33.7 18.0 58.0





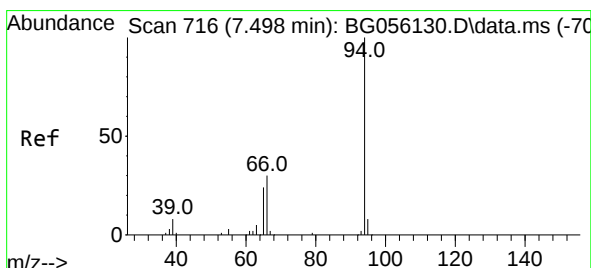
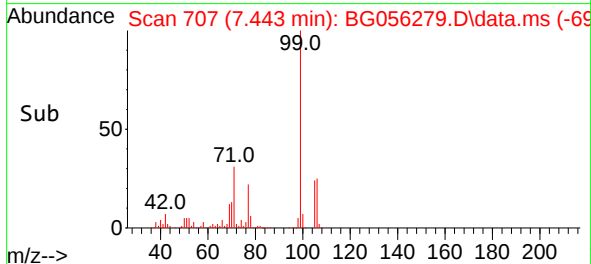
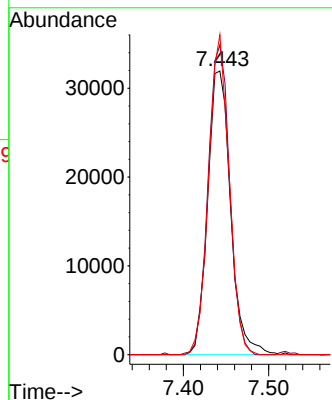
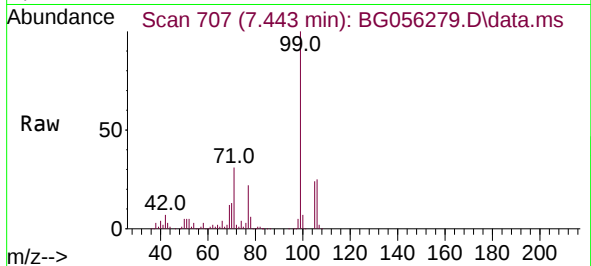
#9
Benzaldehyde
Concen: 29.417 ng
RT: 7.443 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion: 77 Resp: 59626
Ion Ratio Lower Upper
77 100
105 109.2 86.8 126.8
106 112.8 89.3 129.3

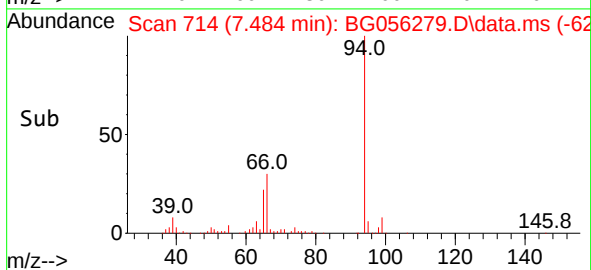
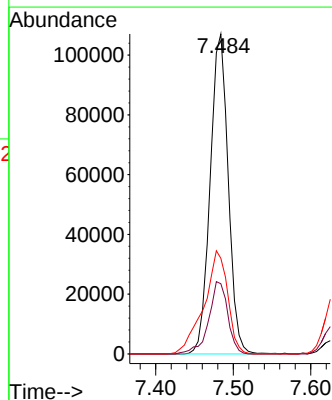
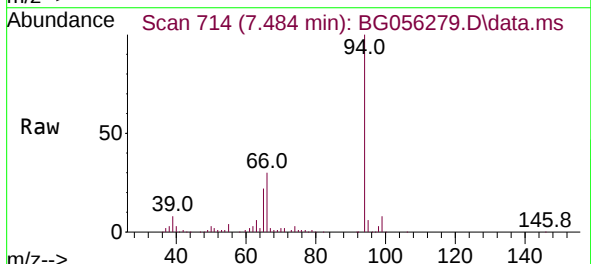
Manual Integrations
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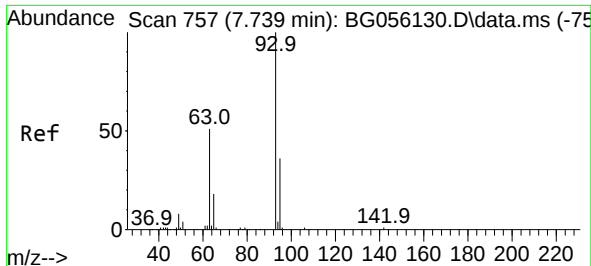
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#10
Phenol
Concen: 50.082 ng
RT: 7.484 min Scan# 714
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

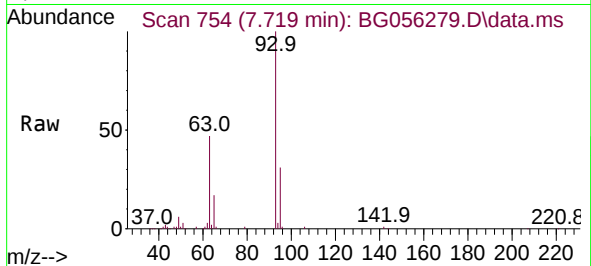
Tgt Ion: 94 Resp: 173142
Ion Ratio Lower Upper
94 100
65 21.9 4.3 44.3
66 29.9 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 45.029 ng
RT: 7.719 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

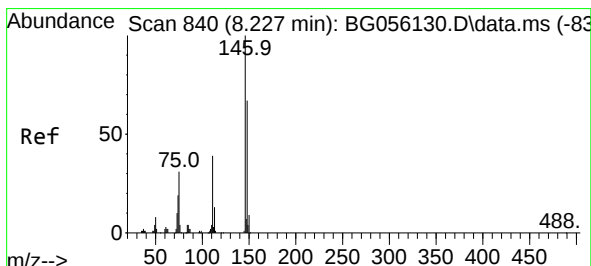
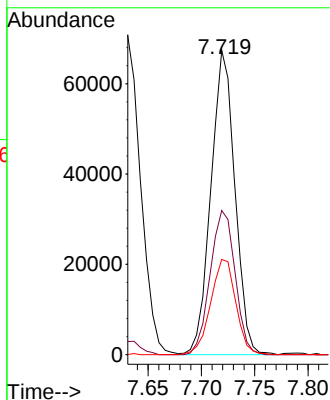
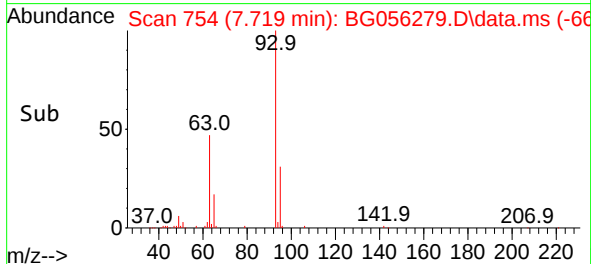
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion: 93 Resp: 105495
Ion Ratio Lower Upper
93 100
63 47.4 30.5 70.5
95 31.3 15.9 55.9

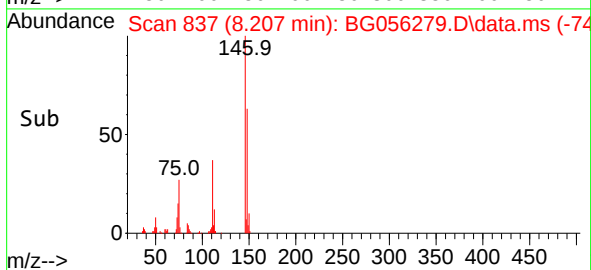
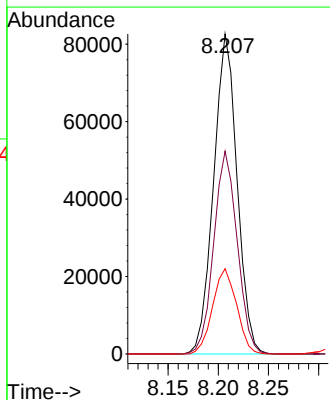
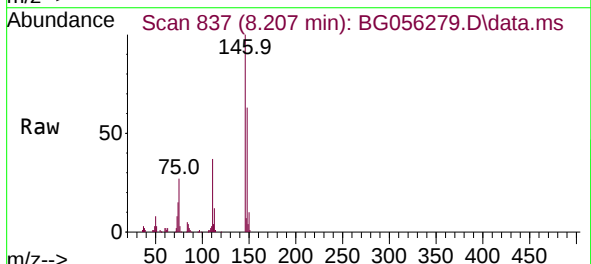
Manual Integrations
APPROVED

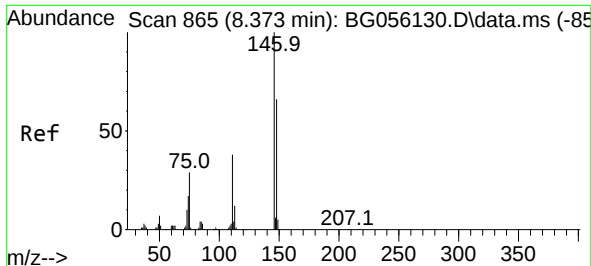
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#12
1,3-Dichlorobenzene
Concen: 50.052 ng
RT: 8.207 min Scan# 837
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

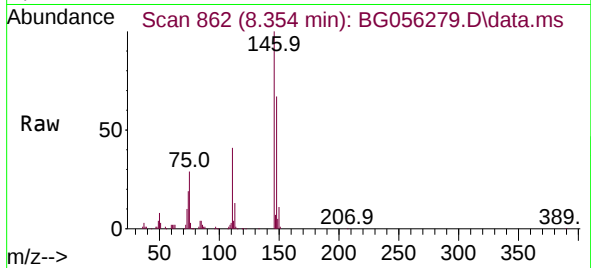
Tgt Ion:146 Resp: 134559
Ion Ratio Lower Upper
146 100
148 63.3 53.5 80.3
75 26.6 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 49.655 ng
RT: 8.354 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

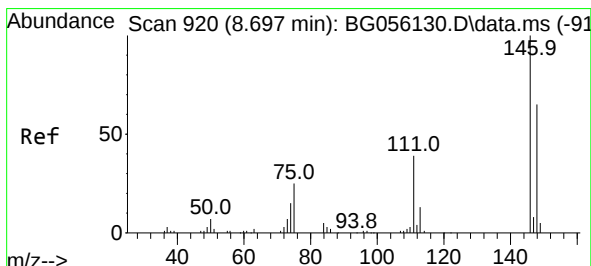
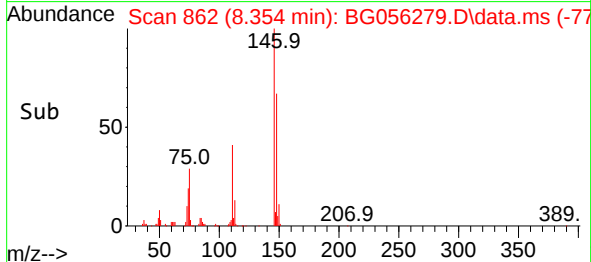
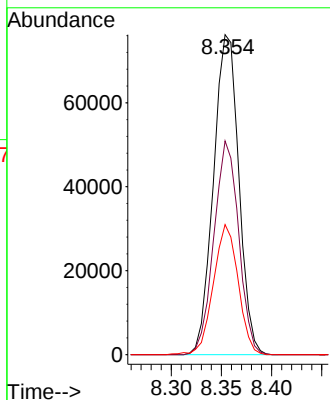
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:146 Resp: 134050
Ion Ratio Lower Upper
146 100
148 66.8 52.8 79.2
111 40.6 30.5 45.7

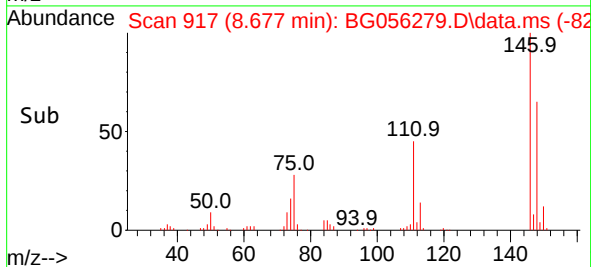
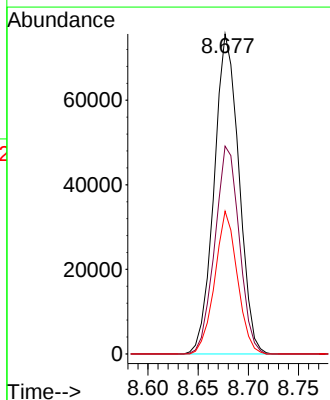
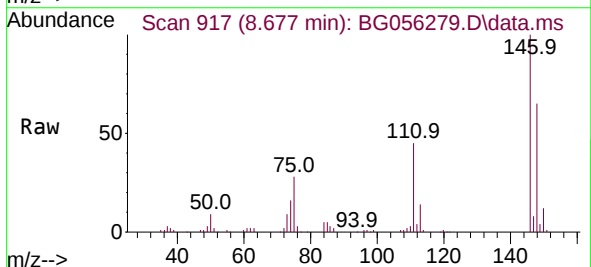
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#14
1,2-Dichlorobenzene
Concen: 49.972 ng
RT: 8.677 min Scan# 917
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

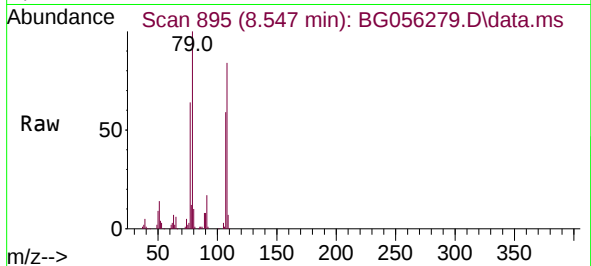
Tgt Ion:146 Resp: 130171
Ion Ratio Lower Upper
146 100
148 64.9 51.7 77.5
111 44.6 31.5 47.3





#15
Benzyl Alcohol
Concen: 46.051 ng
RT: 8.547 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

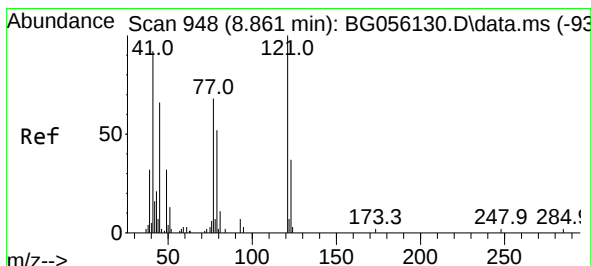
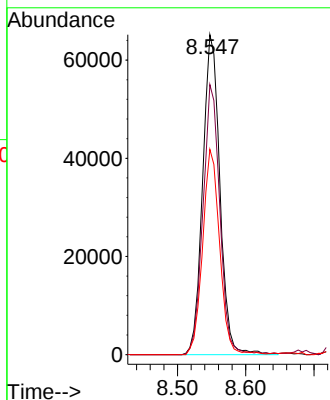
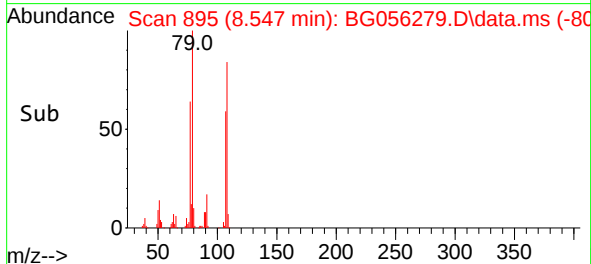
Instrument :
BNA_G
Client Sample Id :
VNJ-207MS



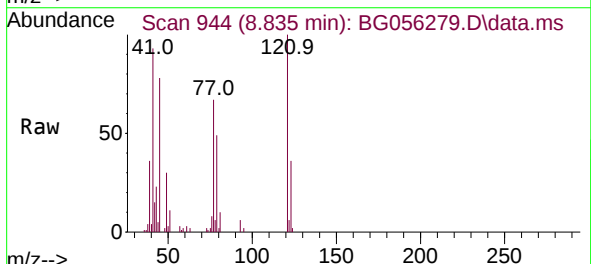
Tgt Ion: 79 Resp: 114254
Ion Ratio Lower Upper
79 100
108 84.4 64.7 97.1
77 64.1 51.5 77.3

Manual Integrations
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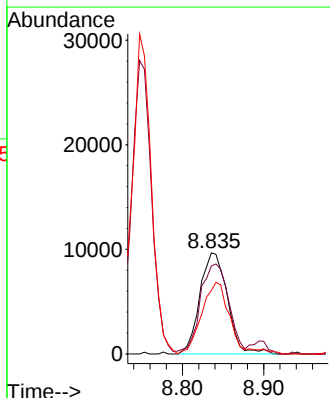
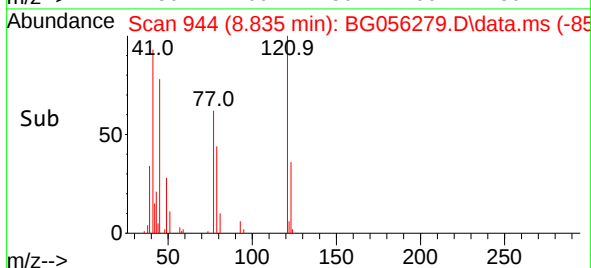
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

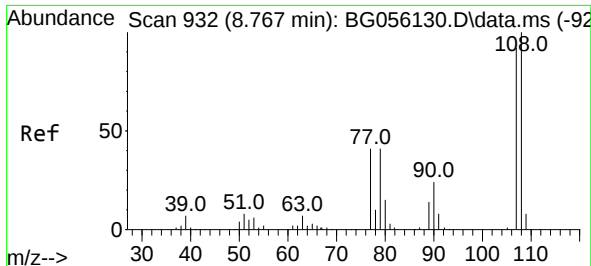


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.876 ng
RT: 8.835 min Scan# 944
Delta R.T. -0.004 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



Tgt Ion: 45 Resp: 22719
Ion Ratio Lower Upper
45 100
77 86.9 88.2 128.2#
79 62.7 61.2 101.2





#17
2-Methylphenol
Concen: 46.725 ng
RT: 8.753 min Scan# 91
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

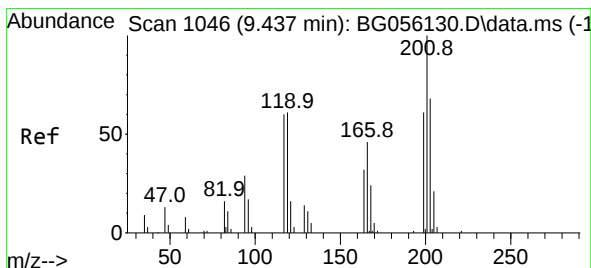
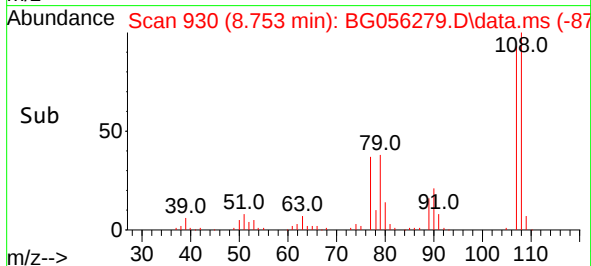
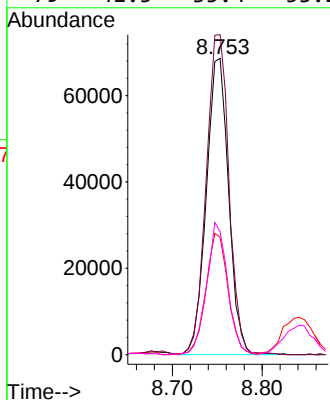
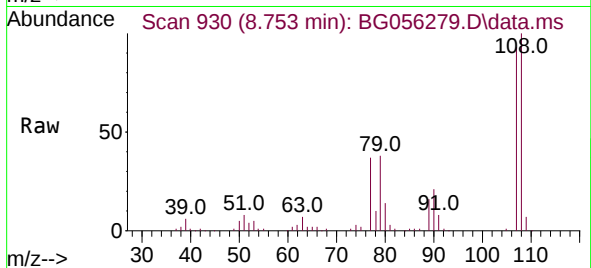
ClientSampleId :

VNJ-207MS

Tgt Ion:107 Resp: 11853
Ion Ratio Lower Upper
107 100
108 108.0 86.6 129.8
77 39.7 35.4 53.2
79 41.5 35.4 53.2

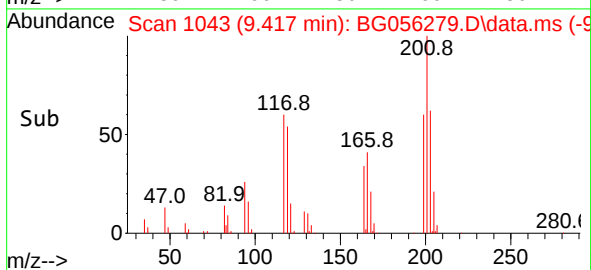
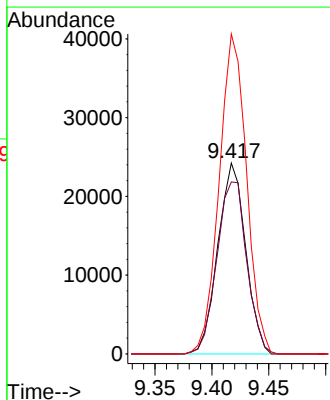
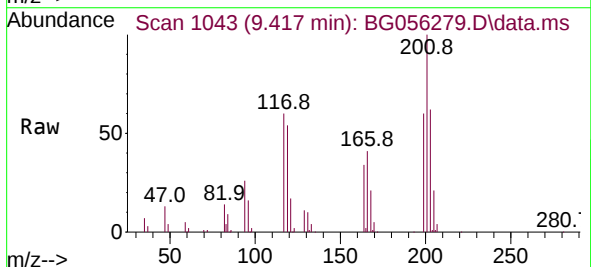
Manual Integrations
APPROVED

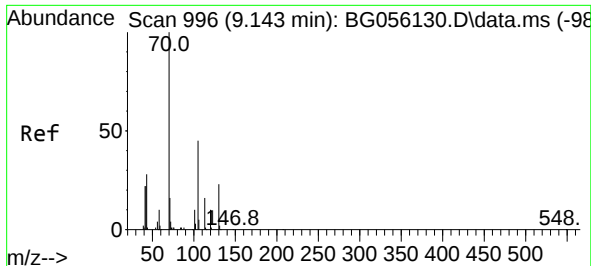
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#18
Hexachloroethane
Concen: 50.116 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:117 Resp: 41101
Ion Ratio Lower Upper
117 100
119 90.1 81.8 122.6
201 167.7 134.2 201.2





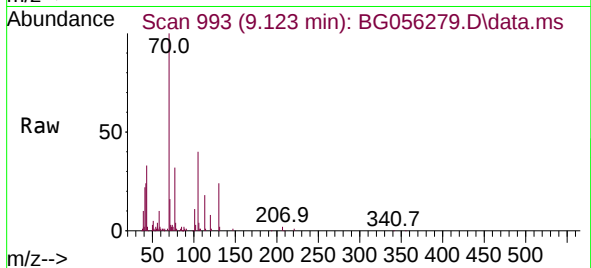
#19
n-Nitroso-di-n-propylamine
Concen: 40.488 ng
RT: 9.123 min Scan# 996
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

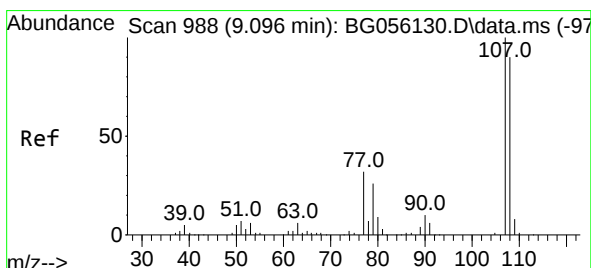
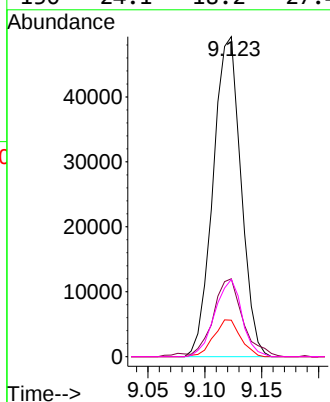
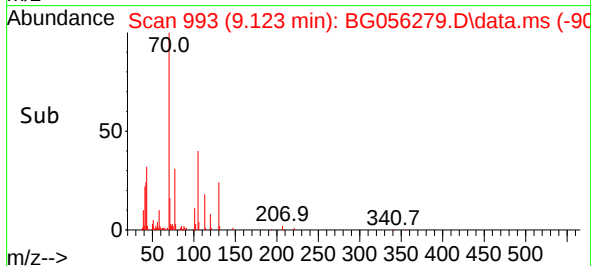


Tgt Ion: 70 Resp: 83928
Ion Ratio Lower Upper
70 100
42 24.4 18.2 27.2
101 11.4 8.3 12.5
130 24.1 18.2 27.4

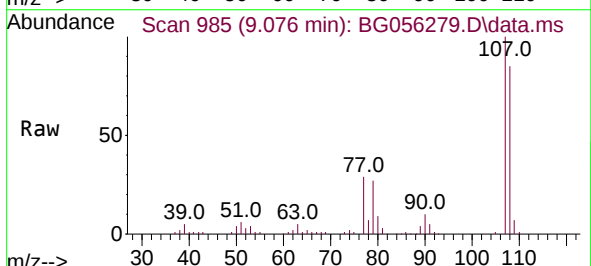
Manual Integrations

APPROVED

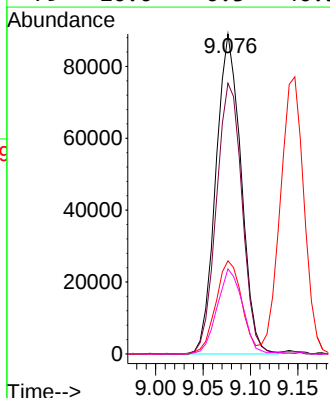
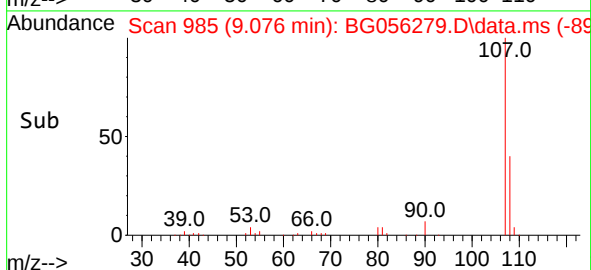
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

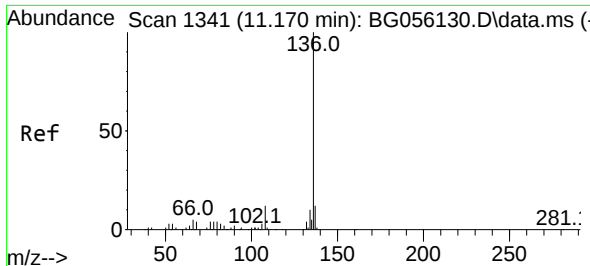


#20
3+4-Methylphenols
Concen: 46.083 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



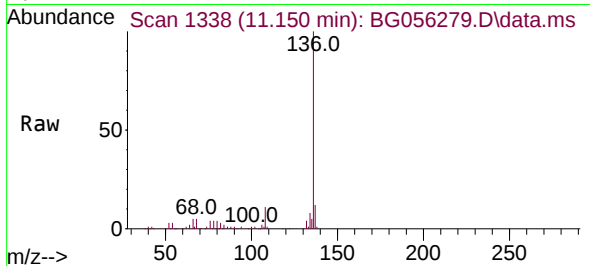
Tgt Ion:107 Resp: 164357
Ion Ratio Lower Upper
107 100
108 84.6 69.6 109.6
77 29.1 11.7 51.7
79 26.6 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1341
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

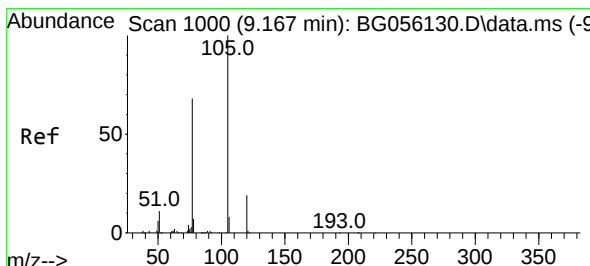
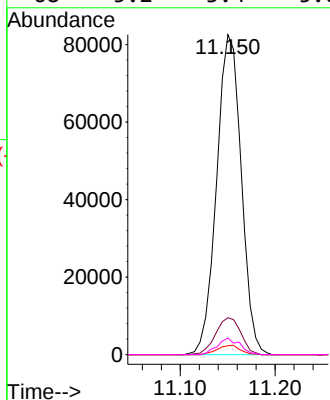
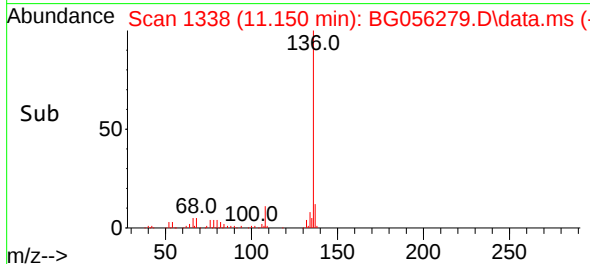
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:136 Resp: 149153
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.8 2.2 3.2
68 5.2 3.4 5.0#

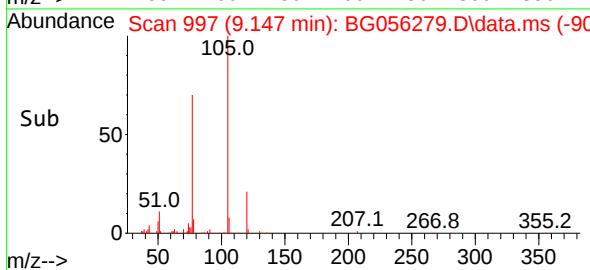
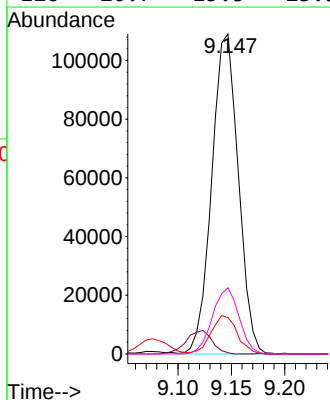
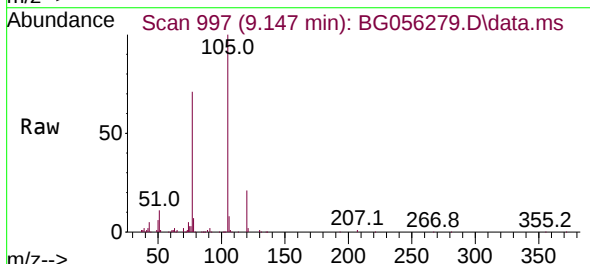
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#22
Acetophenone
Concen: 44.874 ng
RT: 9.147 min Scan# 997
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:105 Resp: 189248
Ion Ratio Lower Upper
105 100
71 0.4 0.5 0.7#
51 11.3 9.3 13.9
120 20.7 15.5 23.3





#23

Nitrobenzene-d5

Concen: 77.438 ng

RT: 9.493 min Scan# 1056

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

Tgt Ion: 82 Resp: 225803

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.2

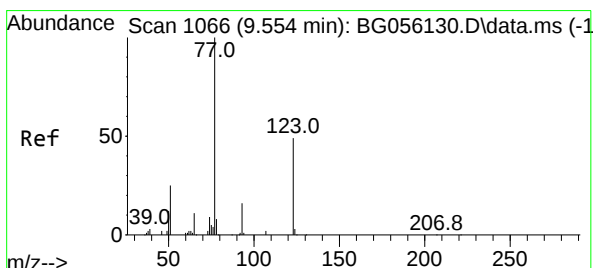
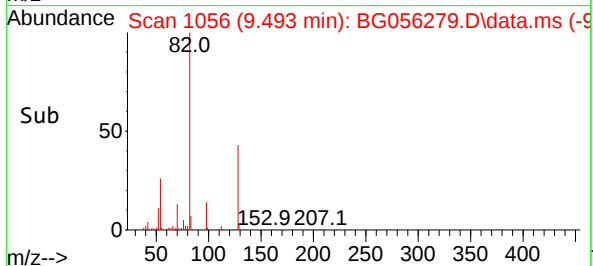
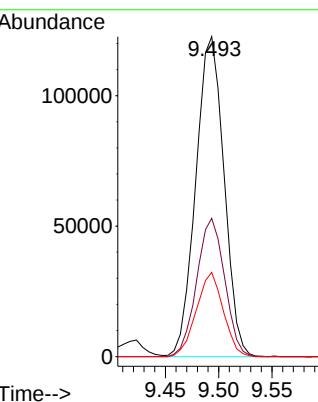
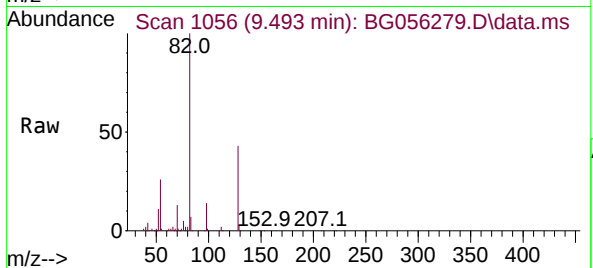
54 26.3 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/16/2023

Supervised By :Jagrut Upadhyay 01/16/2023



#24

Nitrobenzene

Concen: 44.993 ng

RT: 9.535 min Scan# 1063

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

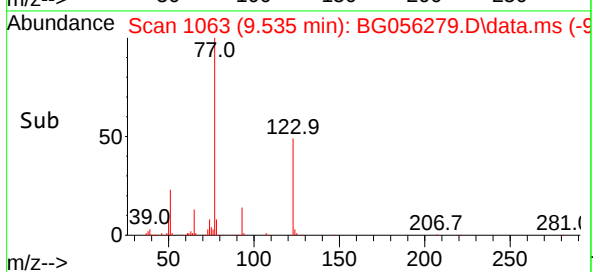
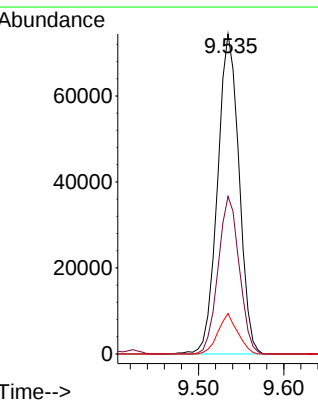
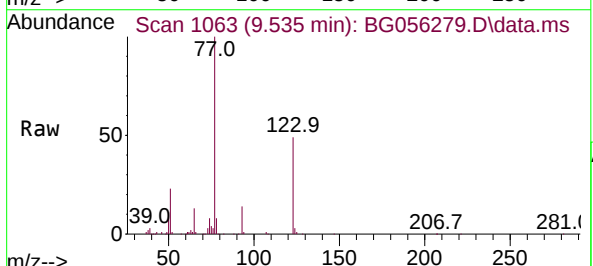
Tgt Ion: 77 Resp: 130016

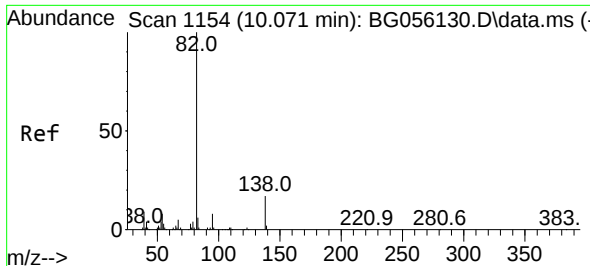
Ion Ratio Lower Upper

77 100

123 49.2 38.8 58.2

65 12.6 9.1 13.7





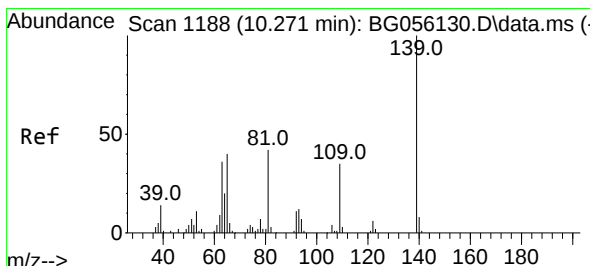
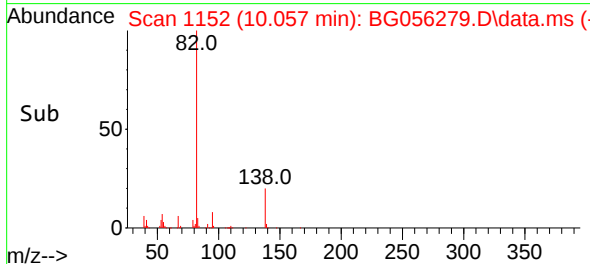
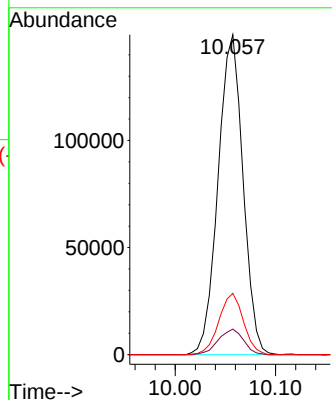
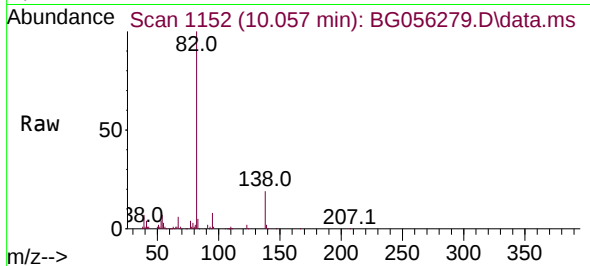
#25
Isophorone
Concen: 42.029 ng
RT: 10.057 min Scan# 1152
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion: 82 Resp: 257850
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 19.1 13.7 20.5

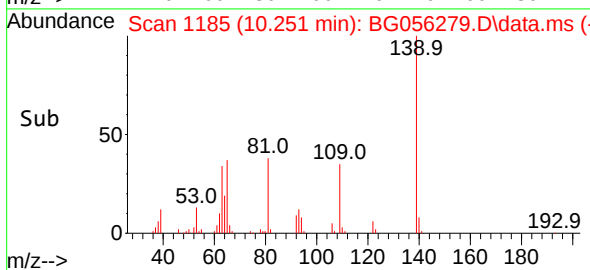
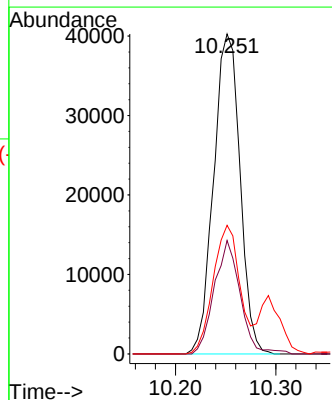
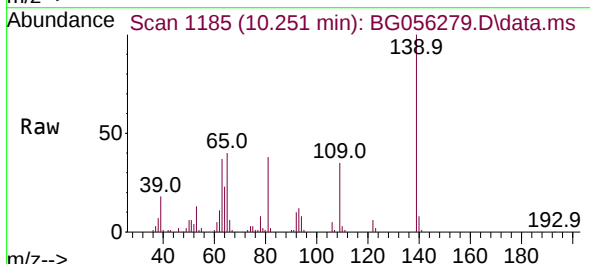
Manual Integrations
APPROVED

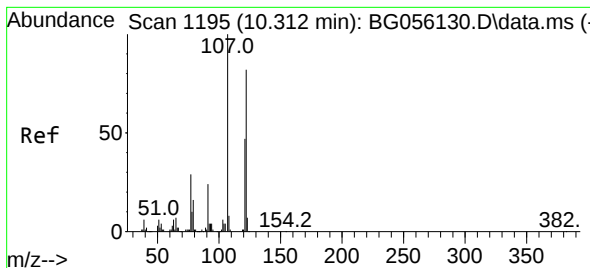
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#26
2-Nitrophenol
Concen: 49.767 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

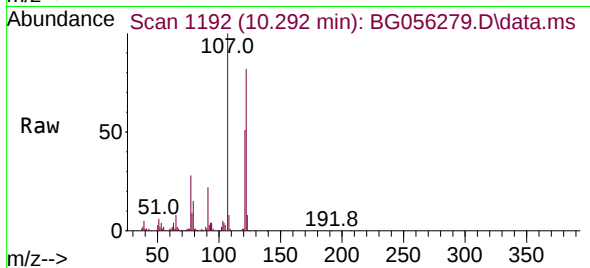
Tgt Ion:139 Resp: 73580
Ion Ratio Lower Upper
139 100
109 35.4 28.4 42.6
65 40.2 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 49.173 ng
RT: 10.292 min Scan# 1195
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

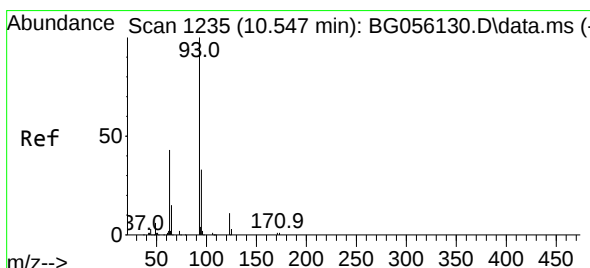
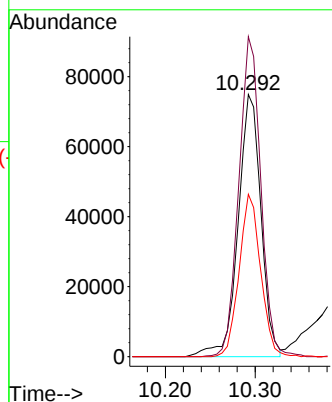
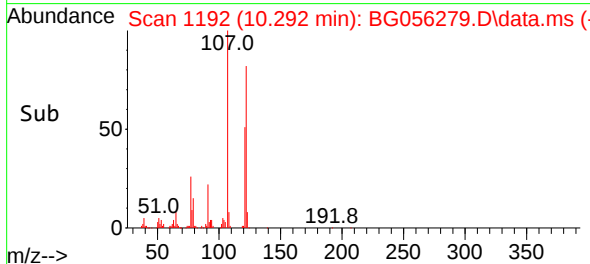
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:122 Resp: 132604
Ion Ratio Lower Upper
122 100
107 122.1 97.5 146.3
121 61.9 45.9 68.9

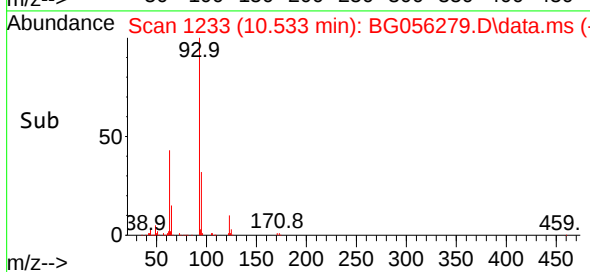
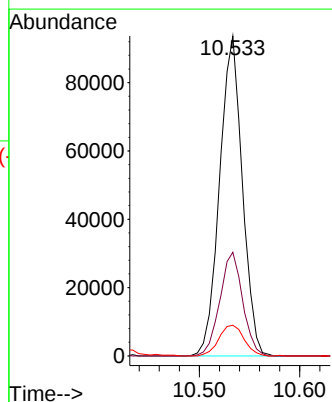
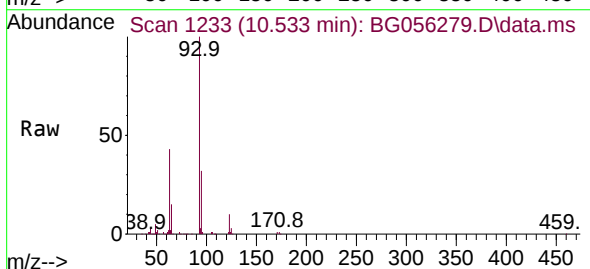
Manual Integrations
APPROVED

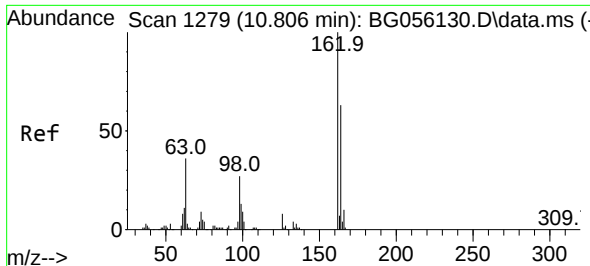
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.229 ng
RT: 10.533 min Scan# 1233
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion: 93 Resp: 147410
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 9.6 9.0 13.6





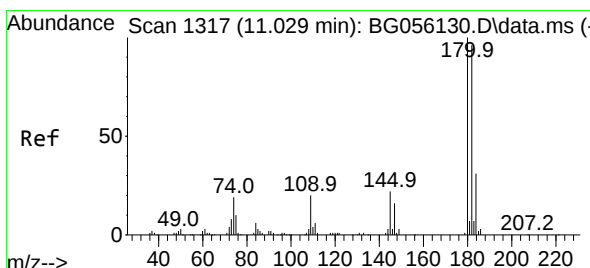
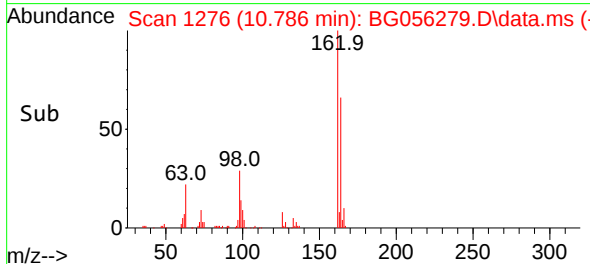
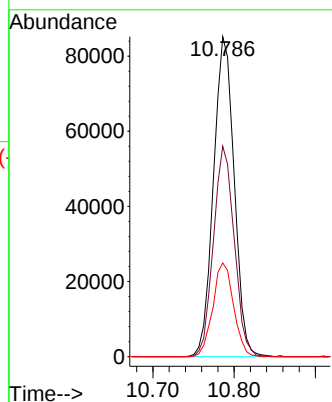
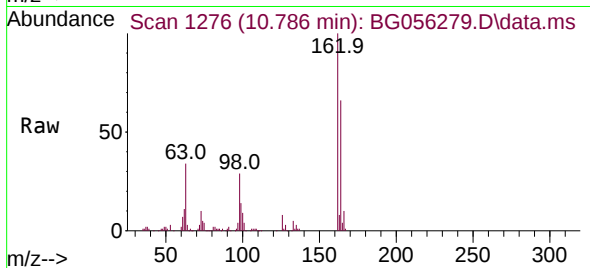
#29
2,4-Dichlorophenol
Concen: 50.541 ng
RT: 10.786 min Scan# 1279
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:162 Resp: 150679
Ion Ratio Lower Upper
162 100
164 65.7 43.3 83.3
98 29.3 6.8 46.8

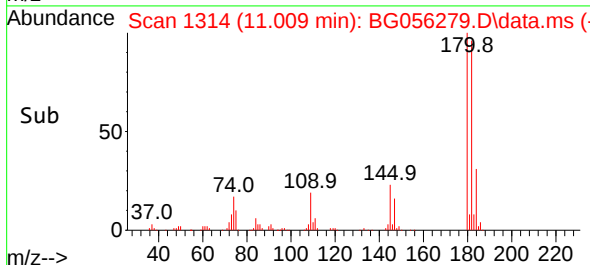
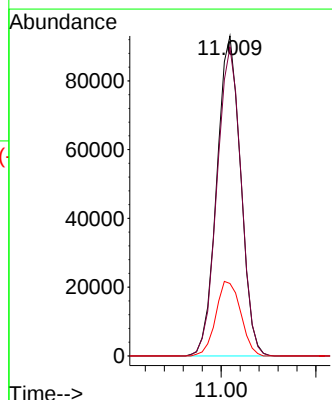
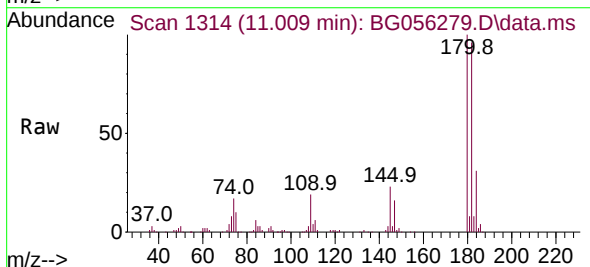
Manual Integrations
APPROVED

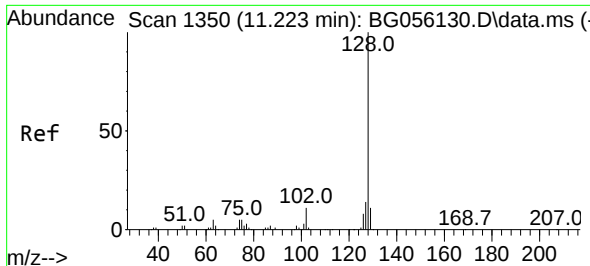
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.977 ng
RT: 11.009 min Scan# 1314
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

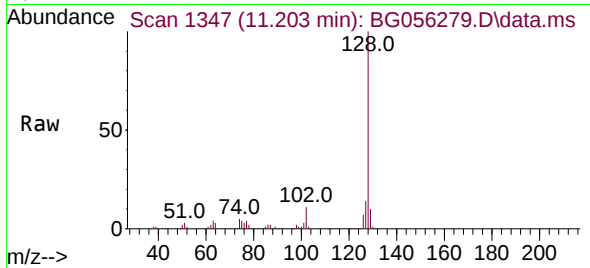
Tgt Ion:180 Resp: 162317
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.4
145 22.6 17.4 26.2





#31
Naphthalene
Concen: 46.941 ng
RT: 11.203 min Scan# 1350
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

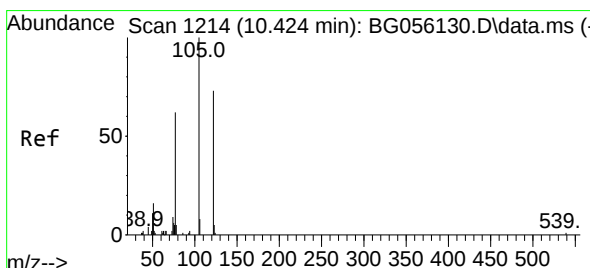
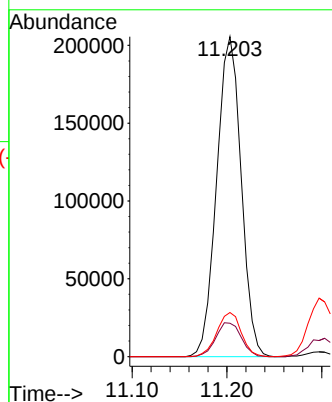
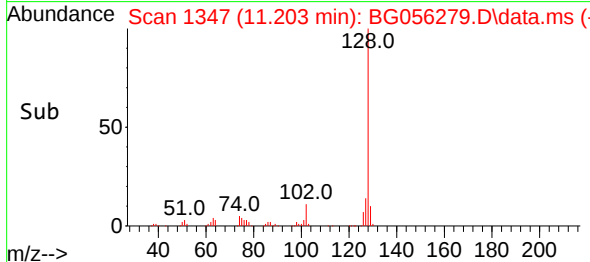
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:128 Resp: 368476
Ion Ratio Lower Upper
128 100
129 10.4 8.9 13.3
127 13.8 11.2 16.8

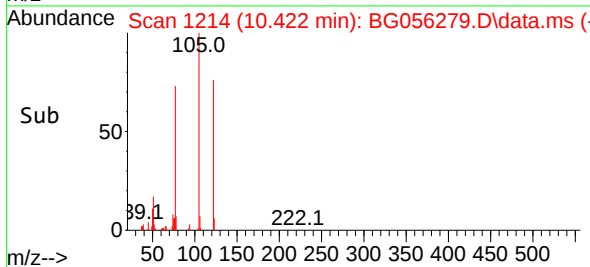
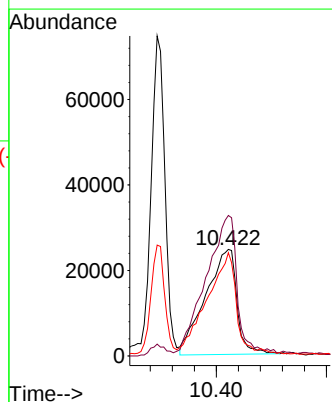
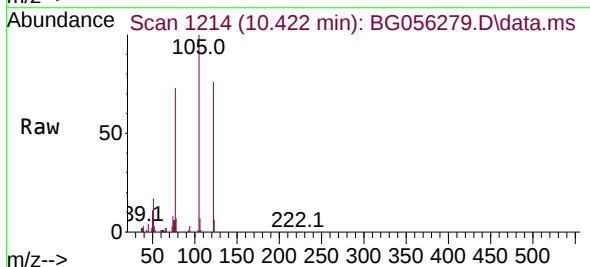
Manual Integrations
APPROVED

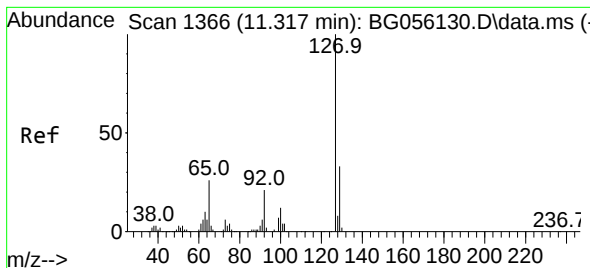
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#32
Benzoic acid
Concen: 48.669 ng
RT: 10.422 min Scan# 1214
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

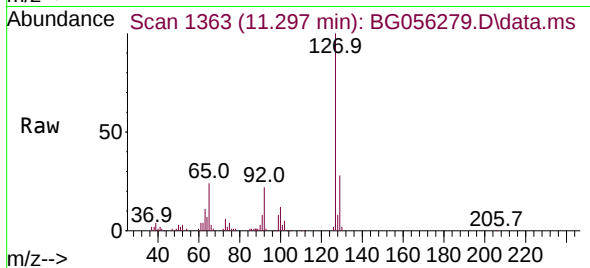
Tgt Ion:122 Resp: 97378
Ion Ratio Lower Upper
122 100
105 131.9 109.0 149.0
77 96.9 63.1 103.1





#33
4-Chloroaniline
Concen: 18.929 ng
RT: 11.297 min Scan# 1366
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

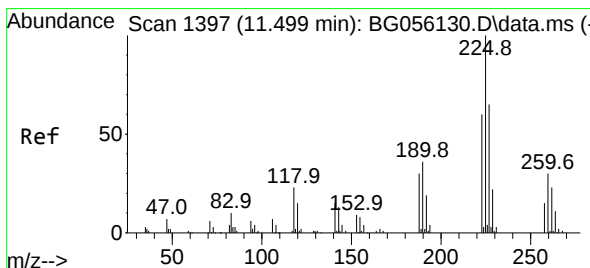
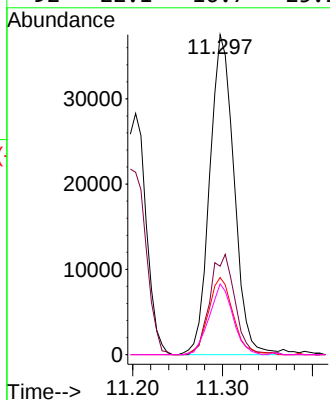
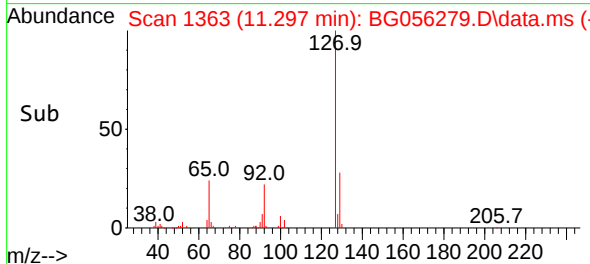
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:127 Resp: 70940
Ion Ratio Lower Upper
127 100
129 27.6 26.1 39.1
65 24.1 20.9 31.3
92 22.1 16.7 25.1

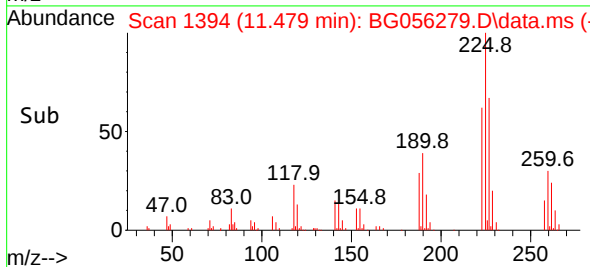
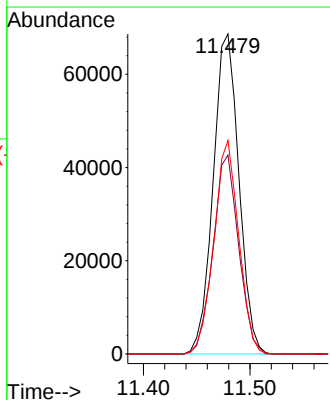
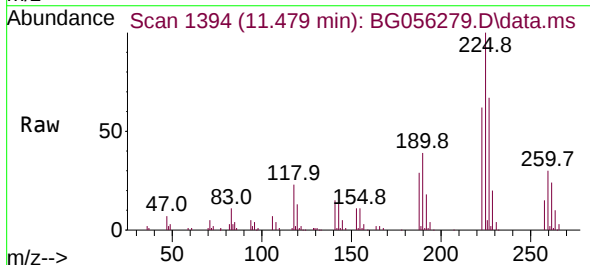
Manual Integrations
APPROVED

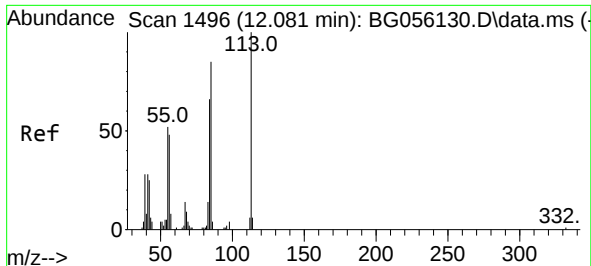
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#34
Hexachlorobutadiene
Concen: 47.384 ng
RT: 11.479 min Scan# 1394
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

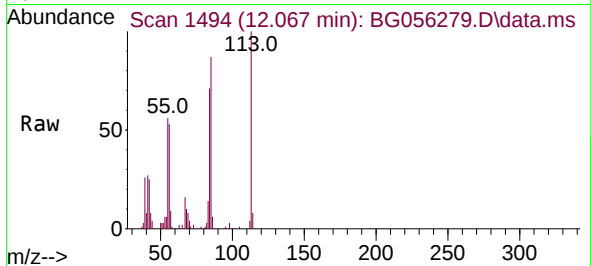
Tgt Ion:225 Resp: 115298
Ion Ratio Lower Upper
225 100
223 62.1 47.7 71.5
227 66.7 52.3 78.5





#35
Caprolactam
Concen: 47.007 ng m
RT: 12.067 min Scan# 14
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

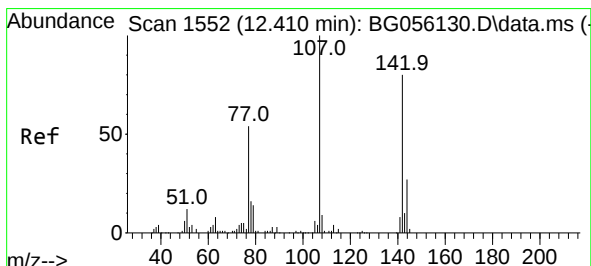
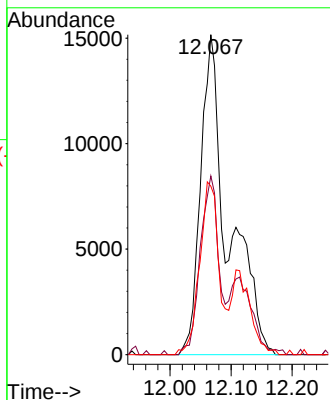
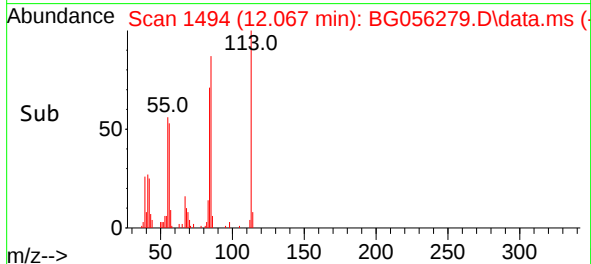
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:113 Resp: 47448
Ion Ratio Lower Upper
113 100
55 55.8 31.9 71.9
56 52.6 27.6 67.6

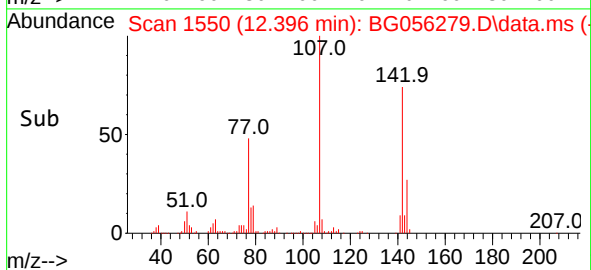
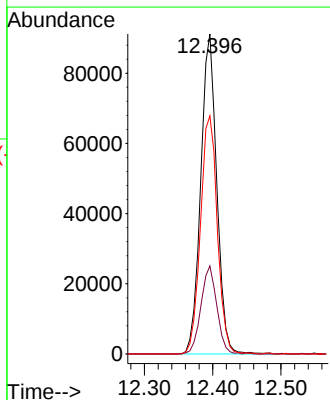
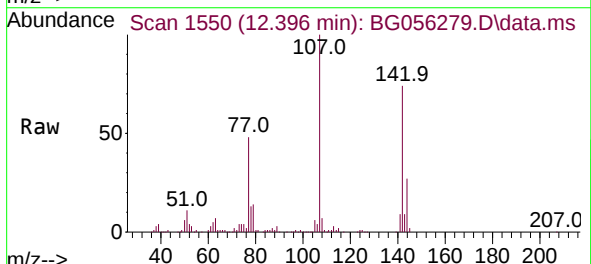
Manual Integrations
APPROVED

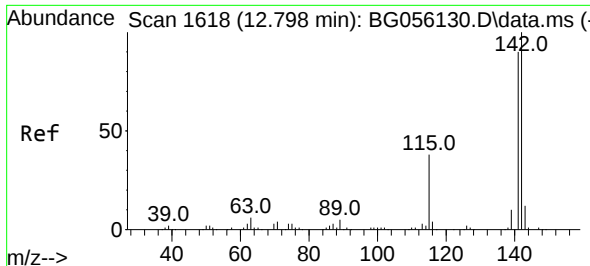
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#36
4-Chloro-3-methylphenol
Concen: 49.194 ng
RT: 12.396 min Scan# 1550
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:107 Resp: 148822
Ion Ratio Lower Upper
107 100
144 27.5 21.5 32.3
142 74.4 63.8 95.6





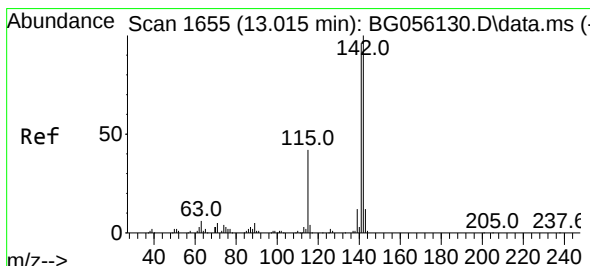
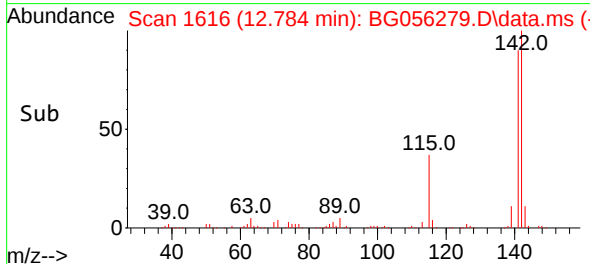
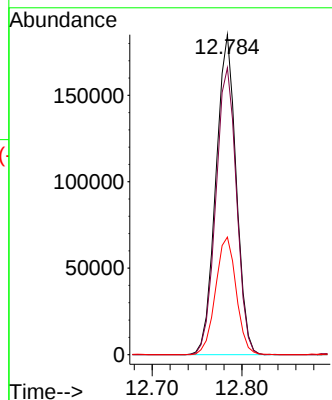
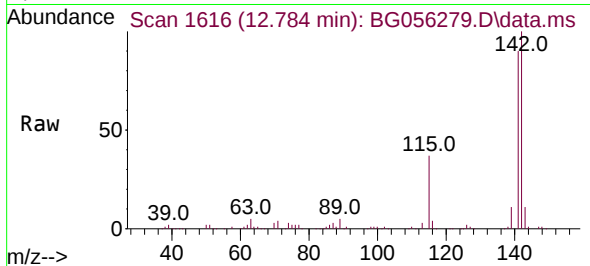
#37
2-Methylnaphthalene
Concen: 43.987 ng
RT: 12.784 min Scan# 1616
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:142 Resp: 291547
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.4
115 36.7 30.7 46.1

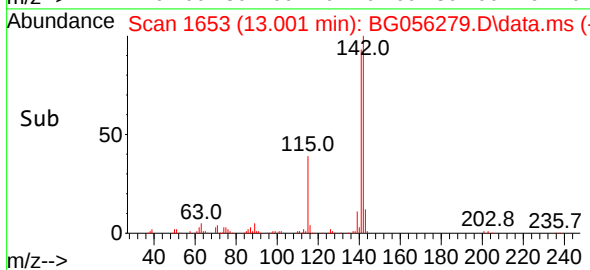
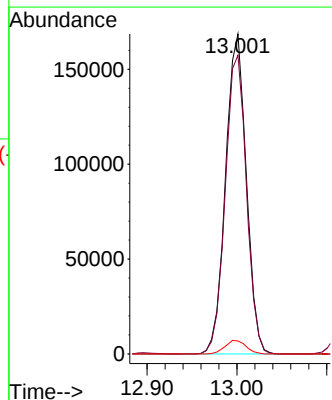
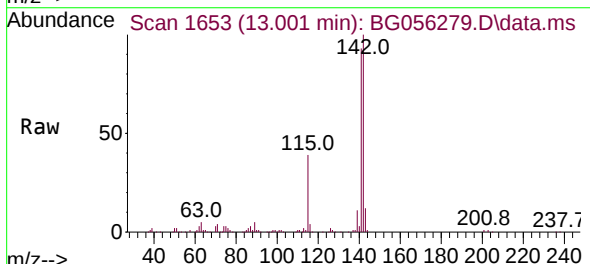
Manual Integrations
APPROVED

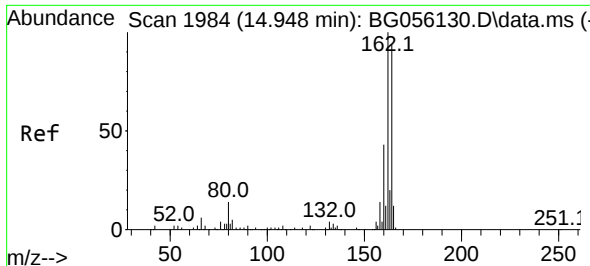
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#38
1-Methylnaphthalene
Concen: 44.129 ng
RT: 13.001 min Scan# 1653
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

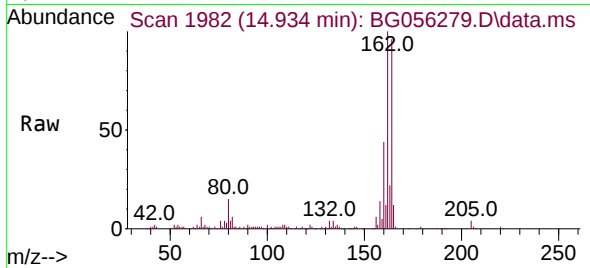
Tgt Ion:142 Resp: 271611
Ion Ratio Lower Upper
142 100
141 93.3 77.0 115.6
116 4.0 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.934 min Scan# 1982
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

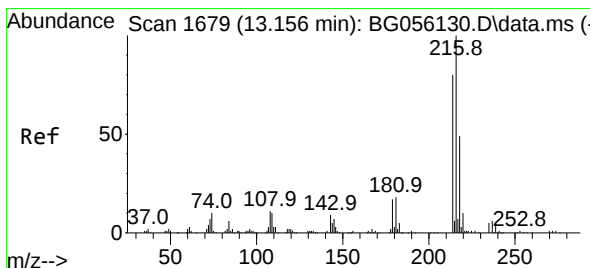
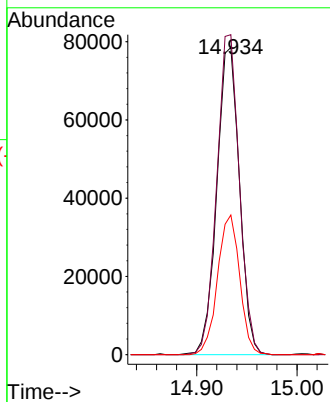
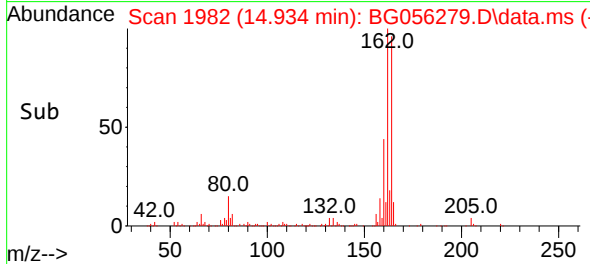
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



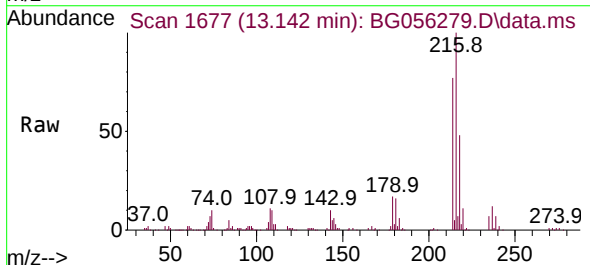
Tgt Ion:164 Resp: 123664
Ion Ratio Lower Upper
164 100
162 104.2 84.7 127.1
160 45.5 36.3 54.5

Manual Integrations
APPROVED

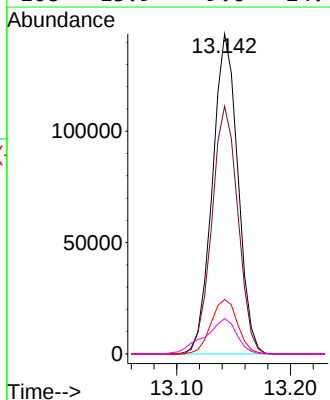
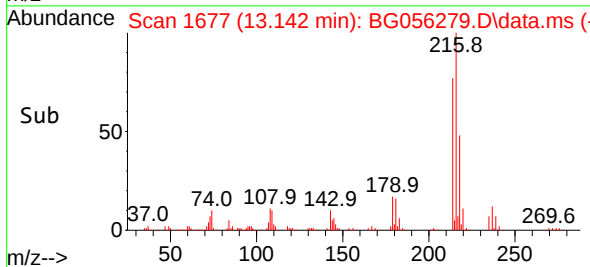
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

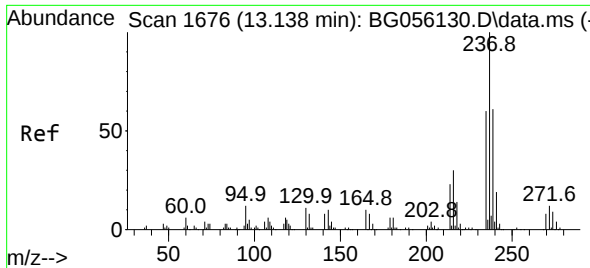


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.058 ng
RT: 13.142 min Scan# 1677
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



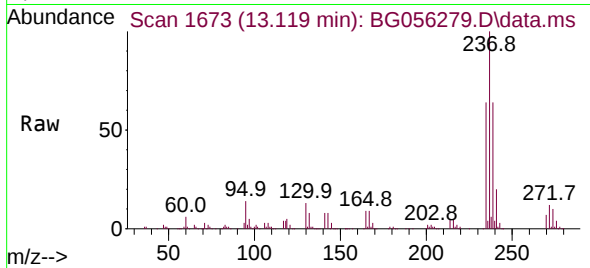
Tgt Ion:216 Resp: 222745
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 17.9 13.6 20.4
108 13.9 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 115.987 ng
RT: 13.119 min Scan# 1676
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

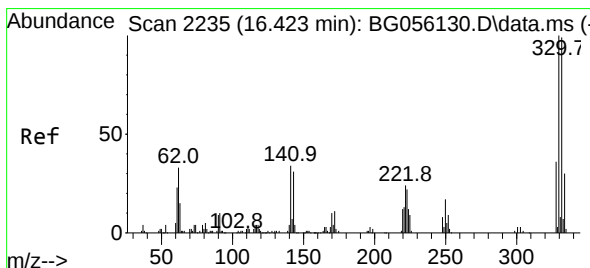
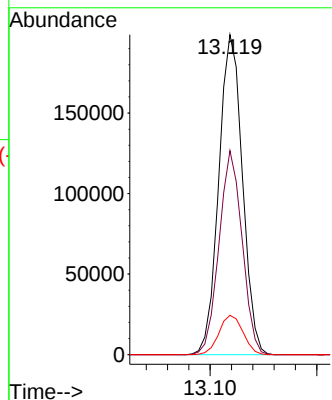
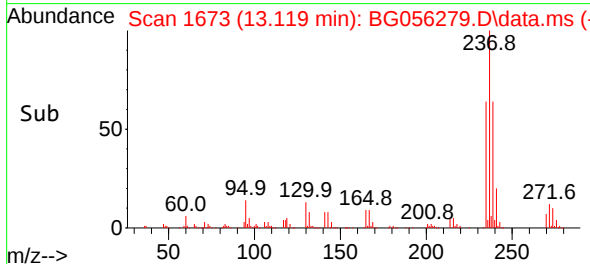
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



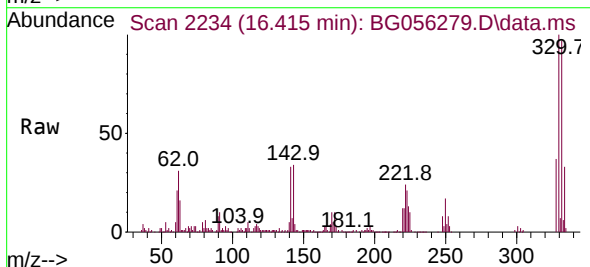
Tgt Ion:237 Resp: 306492
Ion Ratio Lower Upper
237 100
235 63.7 40.3 80.3
272 12.3 0.0 32.5

Manual Integrations
APPROVED

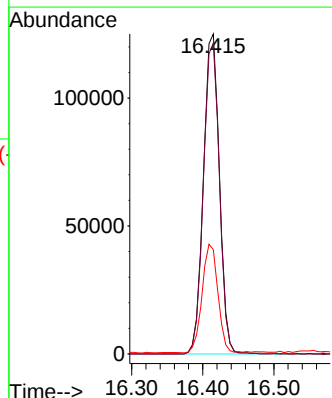
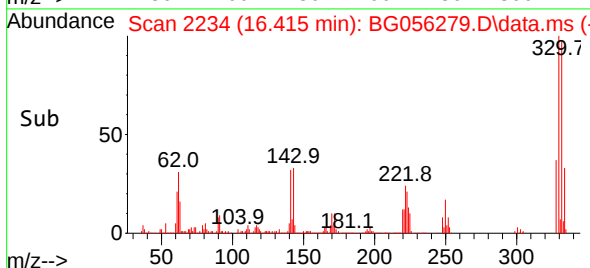
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

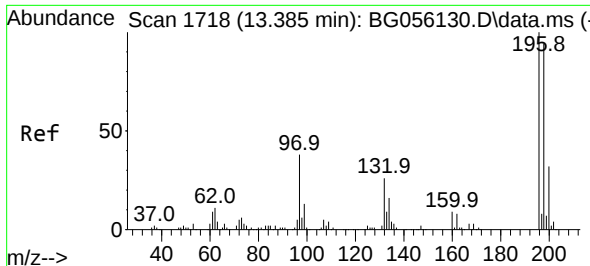


#42
2,4,6-Tribromophenol
Concen: 124.036 ng
RT: 16.415 min Scan# 2234
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



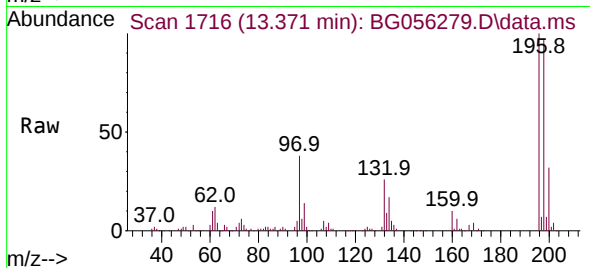
Tgt Ion:330 Resp: 194264
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 33.6 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 50.465 ng
RT: 13.371 min Scan# 1716
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

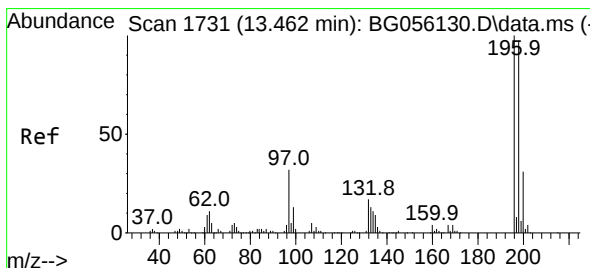
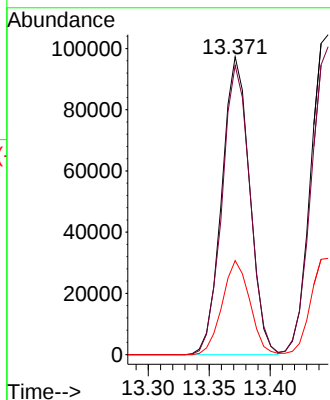
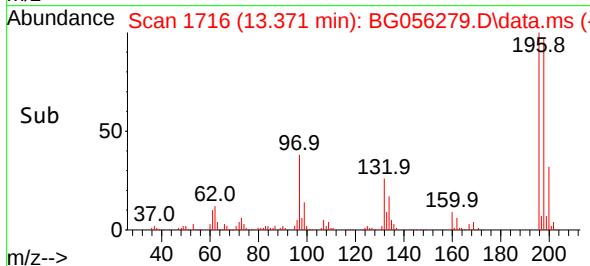
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



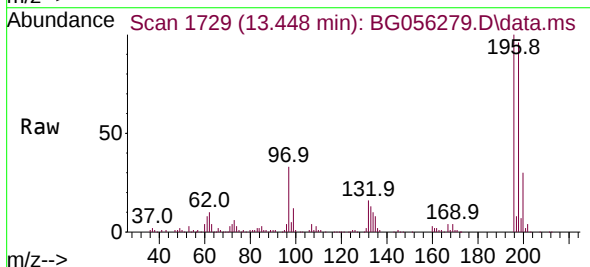
Tgt Ion:196 Resp: 154665
Ion Ratio Lower Upper
196 100
198 97.1 75.5 113.3
200 31.6 25.7 38.5

Manual Integrations
APPROVED

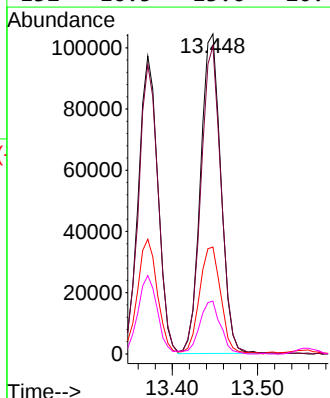
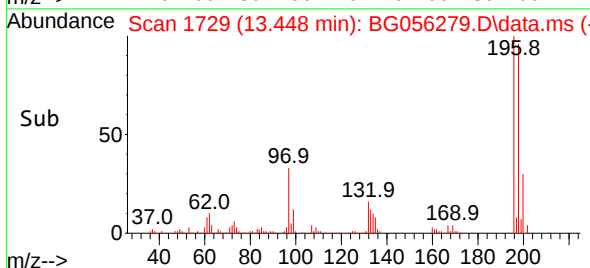
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

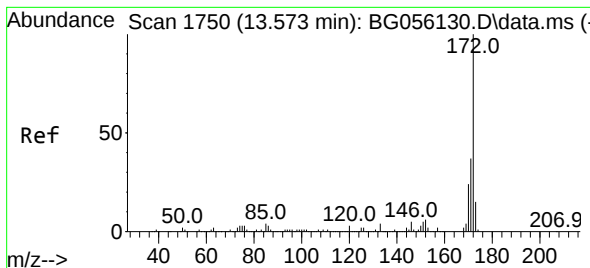


#44
2,4,5-Trichlorophenol
Concen: 47.560 ng
RT: 13.448 min Scan# 1729
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



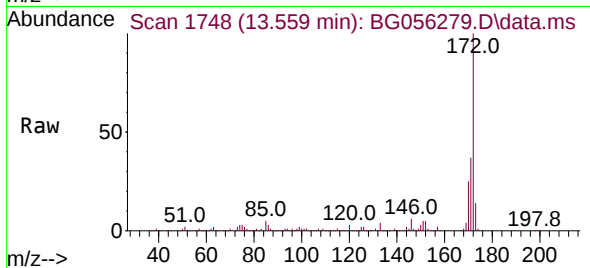
Tgt Ion:196 Resp: 172425
Ion Ratio Lower Upper
196 100
198 96.2 78.0 117.0
97 33.4 25.7 38.5
132 16.5 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 81.641 ng
RT: 13.559 min Scan# 1748
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

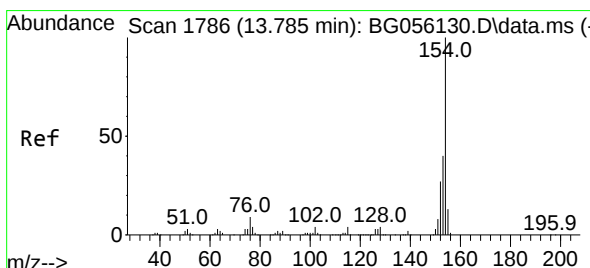
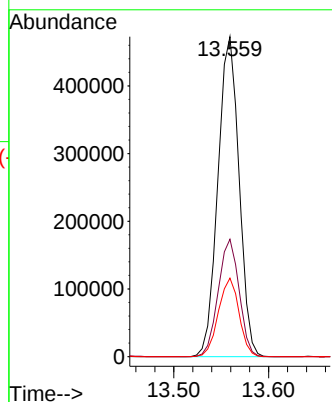
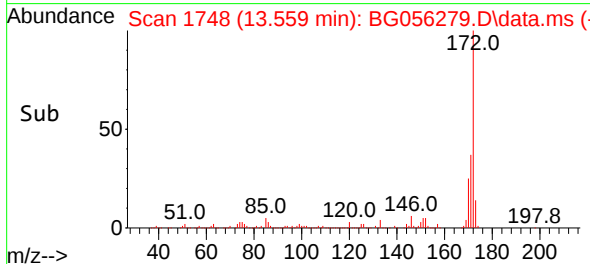
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



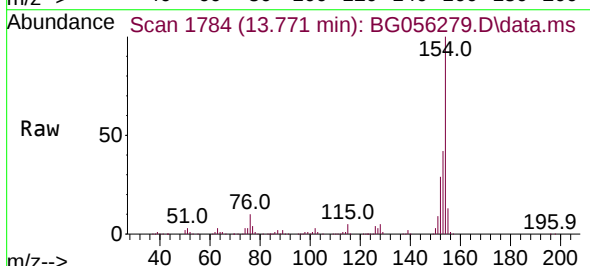
Tgt Ion:172 Resp: 73112
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 19.4 29.2

Manual Integrations
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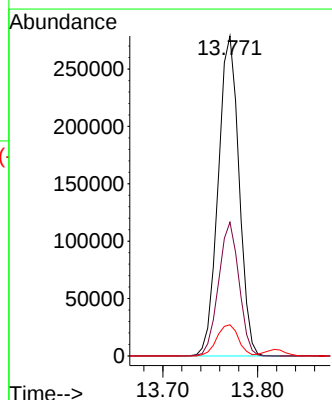
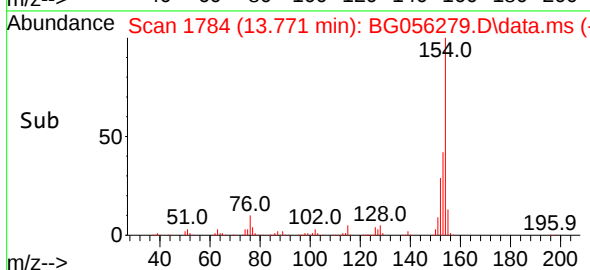
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

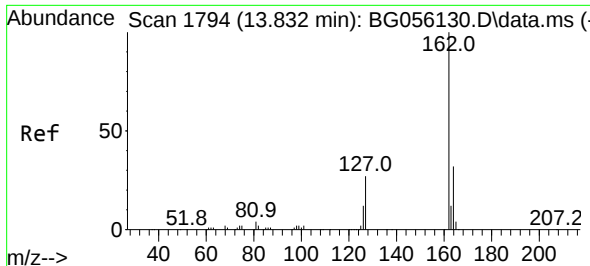


#46
1,1'-Biphenyl
Concen: 47.958 ng
RT: 13.771 min Scan# 1784
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



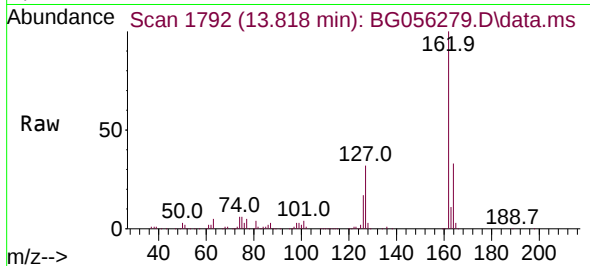
Tgt Ion:154 Resp: 424733
Ion Ratio Lower Upper
154 100
153 41.8 20.0 60.0
76 9.7 0.0 29.3





#47
2-Chloronaphthalene
Concen: 49.310 ng
RT: 13.818 min Scan# 1792
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

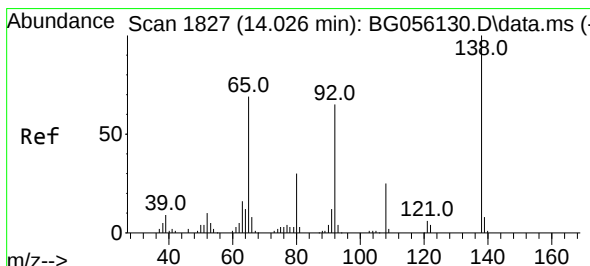
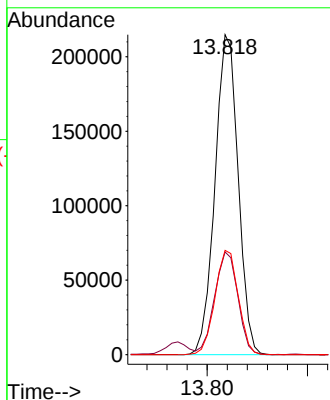
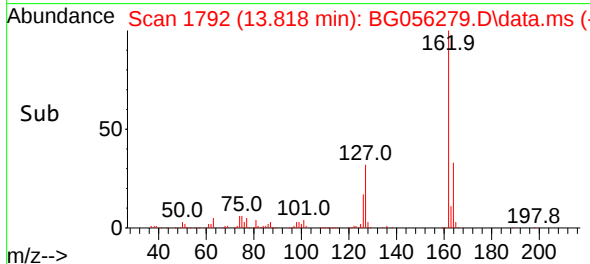
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:162 Resp: 344704
Ion Ratio Lower Upper
162 100
127 32.1 24.6 36.8
164 32.6 25.8 38.8

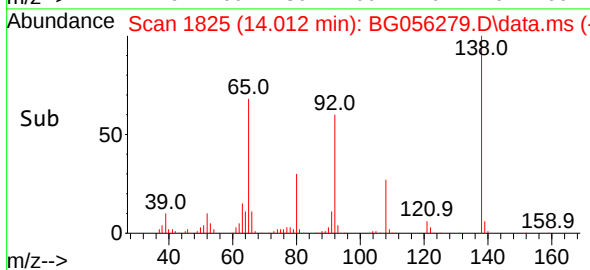
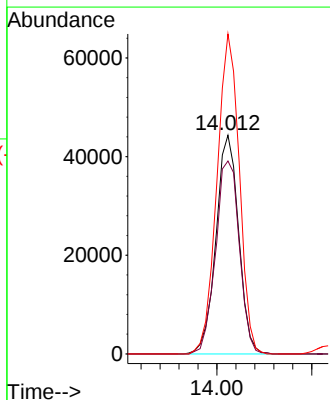
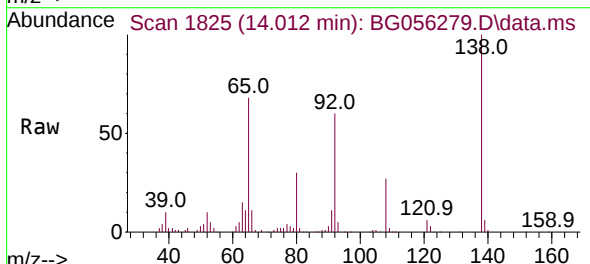
Manual Integrations
APPROVED

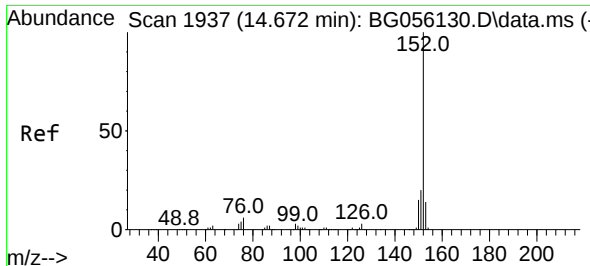
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#48
2-Nitroaniline
Concen: 49.227 ng
RT: 14.012 min Scan# 1825
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

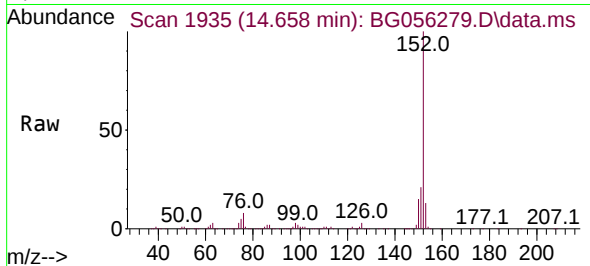
Tgt Ion: 65 Resp: 73320
Ion Ratio Lower Upper
65 100
92 88.2 76.0 114.0
138 146.3 116.6 174.8





#49
Acenaphthylene
Concen: 46.561 ng
RT: 14.658 min Scan# 1935
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

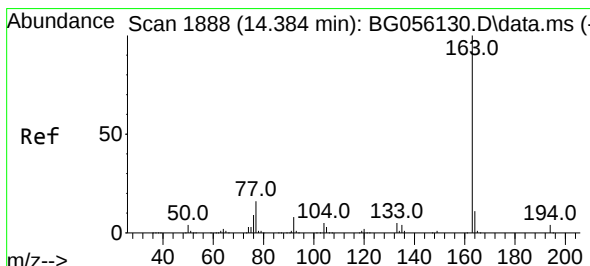
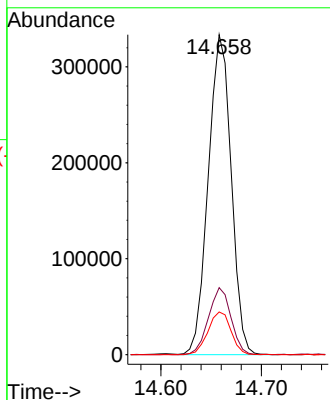
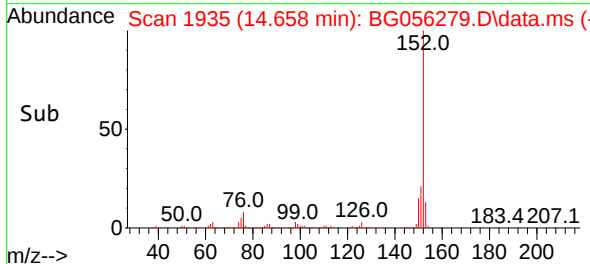
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



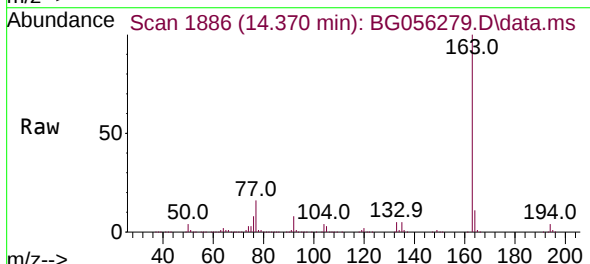
Tgt Ion:152 Resp: 529675
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 13.3 11.0 16.6

Manual Integrations
APPROVED

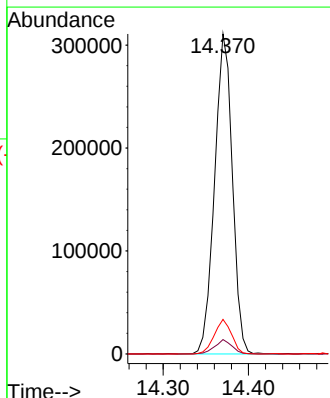
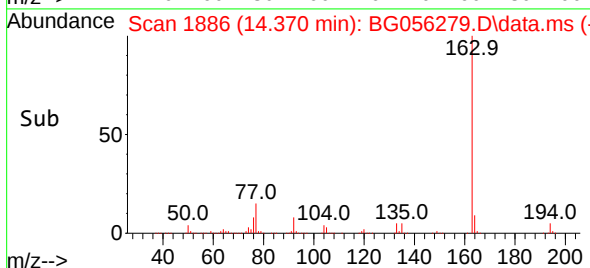
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

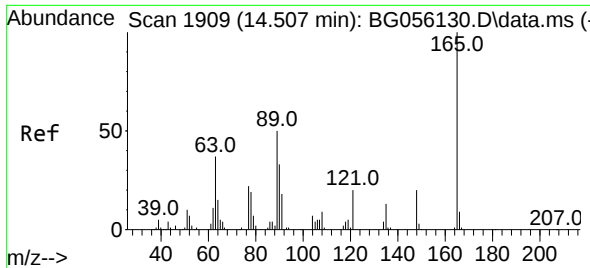


#50
Dimethylphthalate
Concen: 45.039 ng
RT: 14.370 min Scan# 1886
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



Tgt Ion:163 Resp: 449620
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 10.8 8.7 13.1





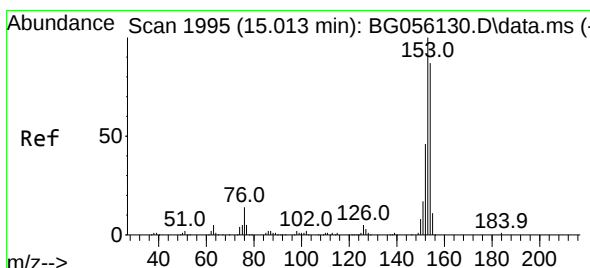
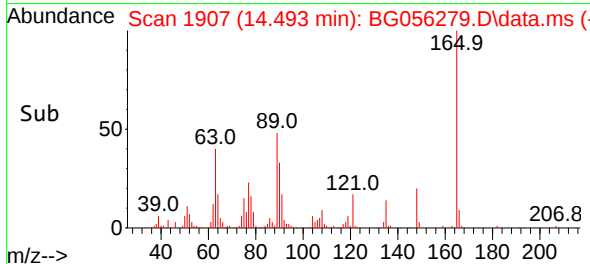
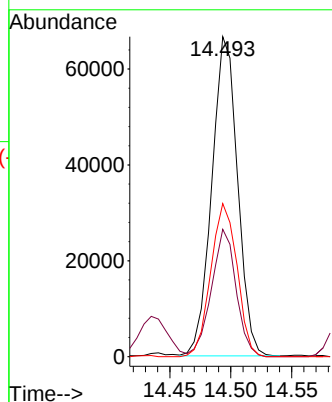
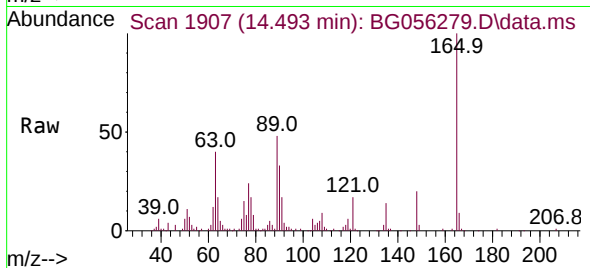
#51
2,6-Dinitrotoluene
Concen: 46.097 ng
RT: 14.493 min Scan# 1909
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:165 Resp: 9805
Ion Ratio Lower Upper
165 100
63 39.8 32.2 48.2
89 47.8 39.8 59.8

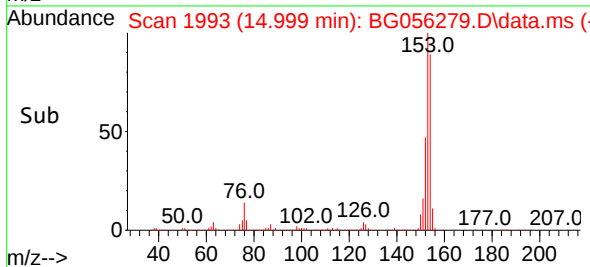
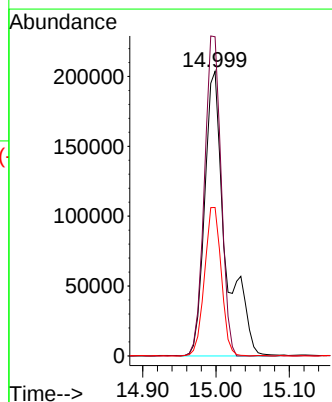
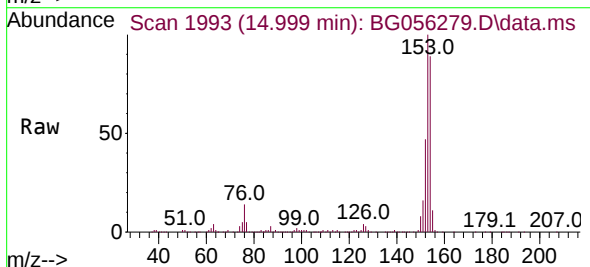
Manual Integrations
APPROVED

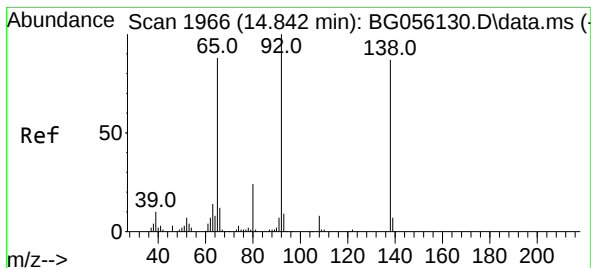
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#52
Acenaphthene
Concen: 54.564 ng m
RT: 14.999 min Scan# 1993
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:154 Resp: 403706
Ion Ratio Lower Upper
154 100
153 112.1 92.0 138.0
152 52.1 42.5 63.7





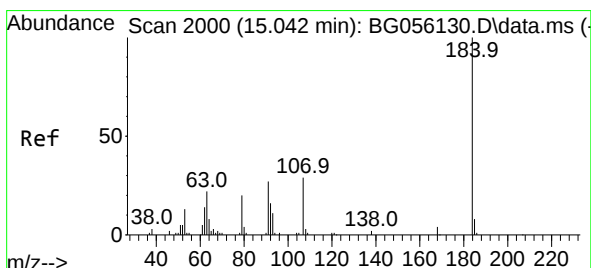
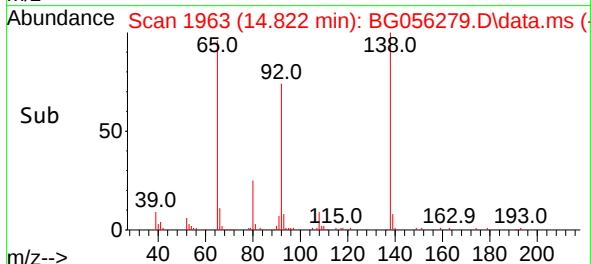
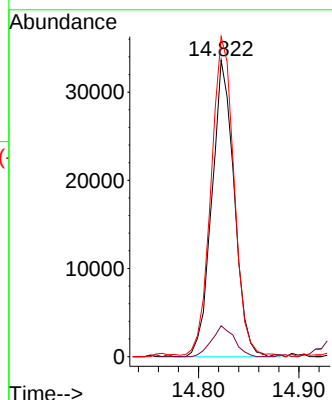
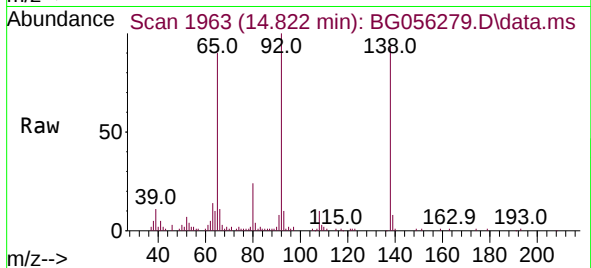
#53
3-Nitroaniline
Concen: 25.712 ng
RT: 14.822 min Scan# 1963
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:138 Resp: 52052
Ion Ratio Lower Upper
138 100
108 10.4 7.6 11.4
92 107.9 91.7 137.5

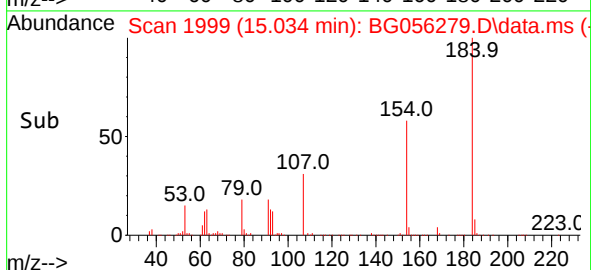
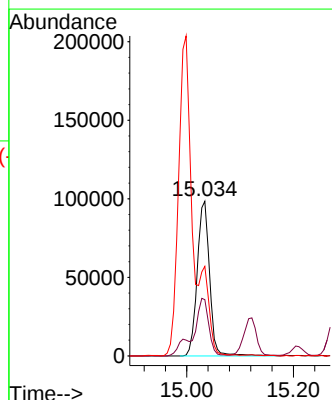
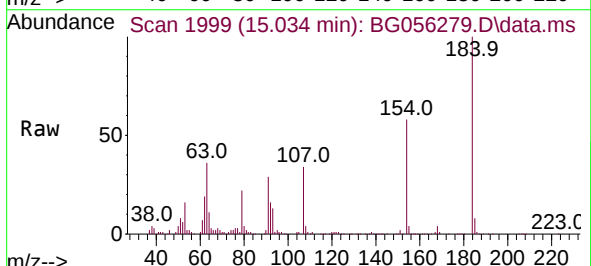
Manual Integrations
APPROVED

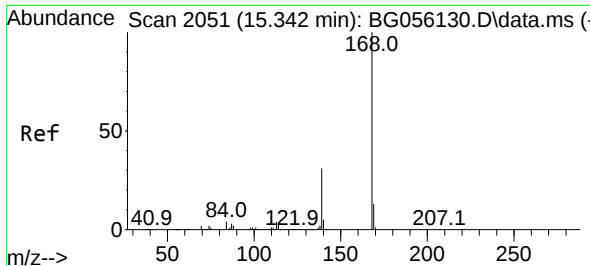
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#54
2,4-Dinitrophenol
Concen: 104.332 ng
RT: 15.034 min Scan# 1999
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:184 Resp: 158547
Ion Ratio Lower Upper
184 100
63 36.4 24.0 36.0#
154 57.9 45.4 68.0





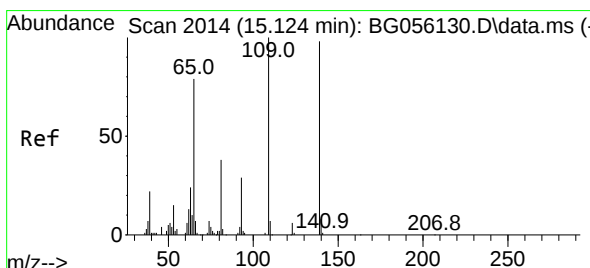
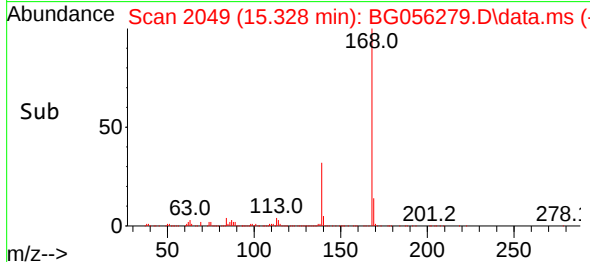
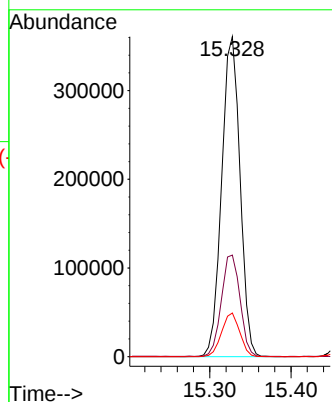
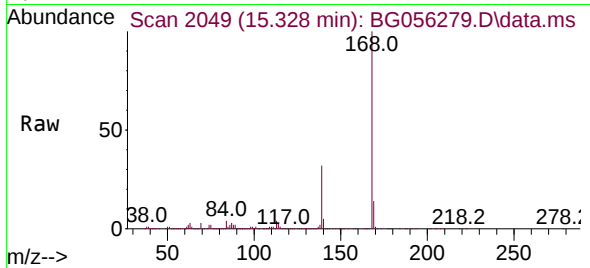
#55
Dibenzenofuran
Concen: 46.162 ng
RT: 15.328 min Scan# 2049
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:168 Resp: 565185
Ion Ratio Lower Upper
168 100
139 31.7 24.7 37.1
169 13.6 10.3 15.5

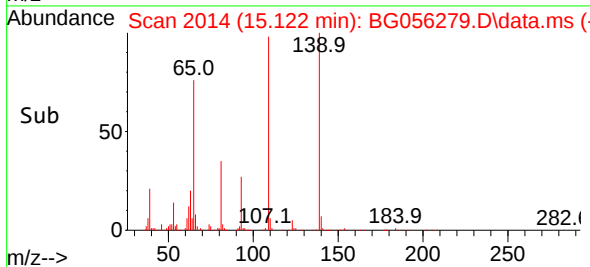
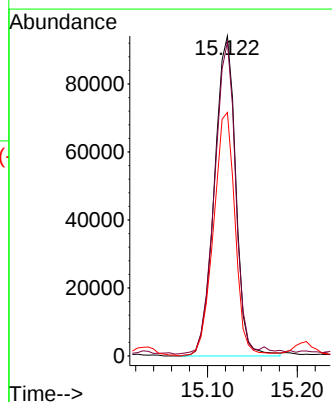
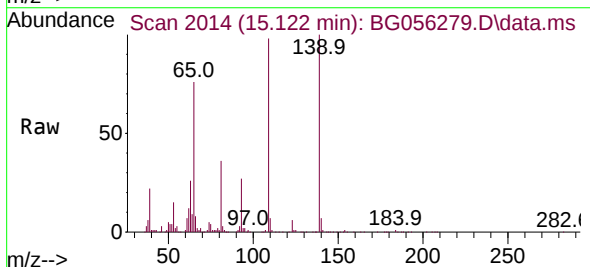
Manual Integrations
APPROVED

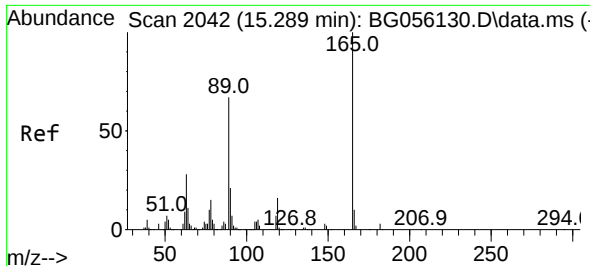
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#56
4-Nitrophenol
Concen: 100.077 ng
RT: 15.122 min Scan# 2014
Delta R.T. 0.013 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:139 Resp: 155818
Ion Ratio Lower Upper
139 100
109 98.1 82.2 122.2
65 76.1 60.6 100.6





#57
2,4-Dinitrotoluene
Concen: 48.200 ng
RT: 15.281 min Scan# 2042
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

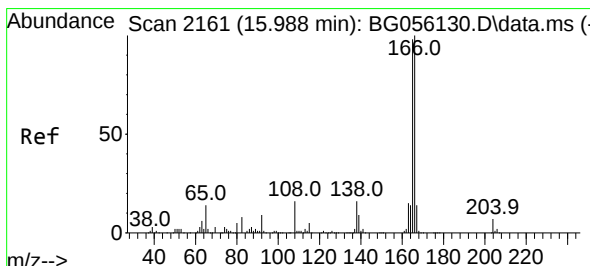
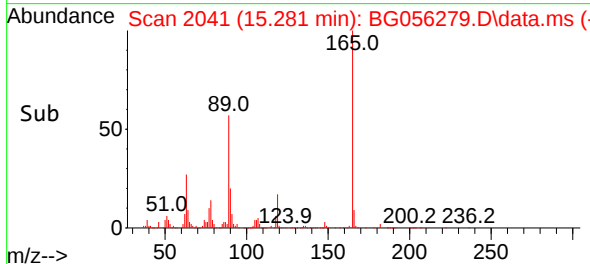
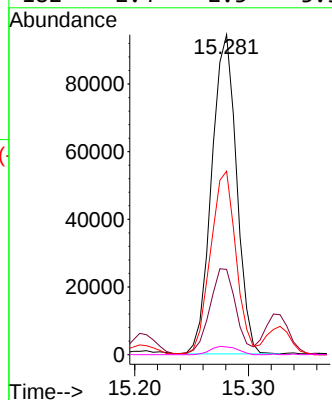
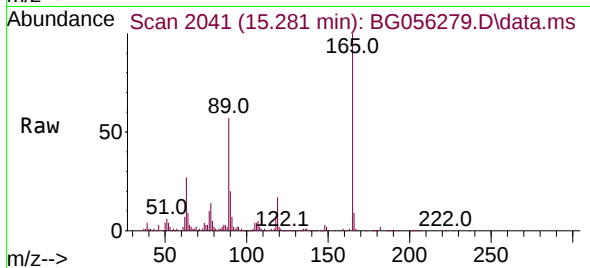
VNJ-207MS

Tgt Ion:165 Resp: 143390
Ion Ratio Lower Upper
165 100
63 26.7 22.6 34.0
89 57.3 53.2 79.8
182 2.4 2.3 3.5

Manual Integrations

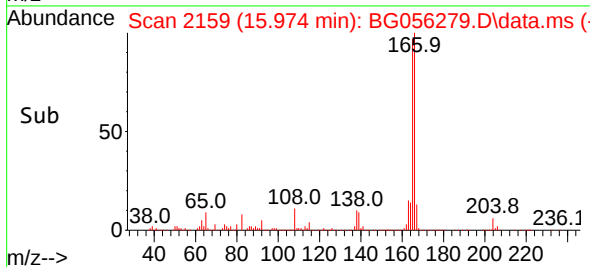
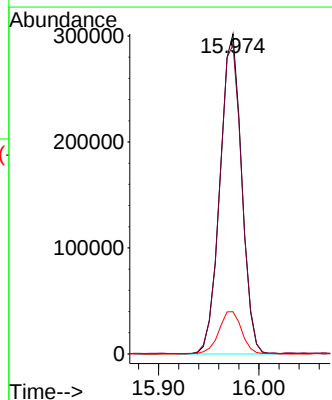
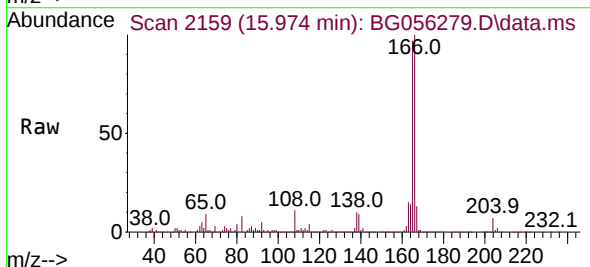
APPROVED

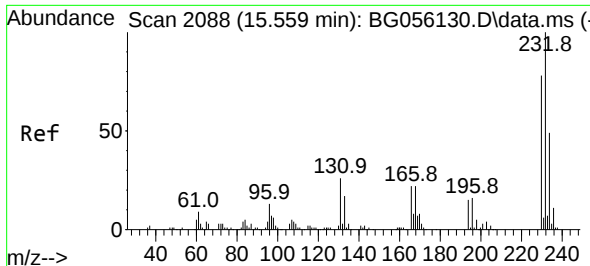
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#58
Fluorene
Concen: 45.859 ng
RT: 15.974 min Scan# 2159
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

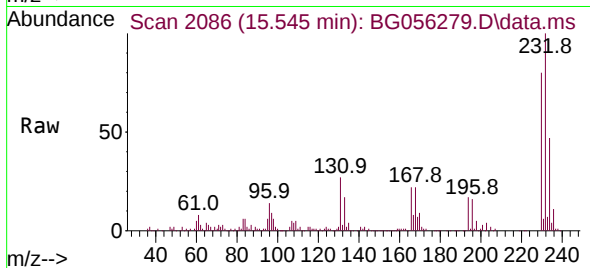
Tgt Ion:166 Resp: 451607
Ion Ratio Lower Upper
166 100
165 96.5 78.6 118.0
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.276 ng
RT: 15.545 min Scan# 2086
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

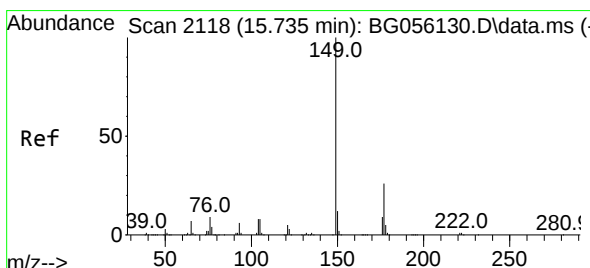
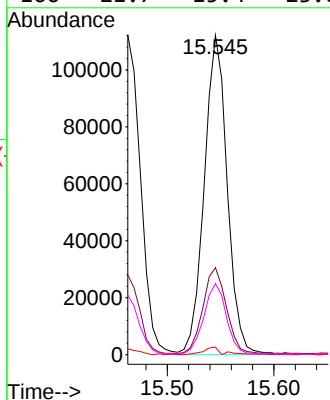
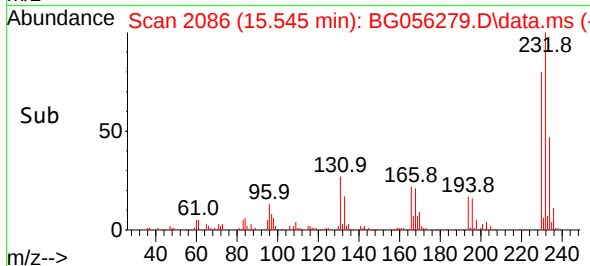
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



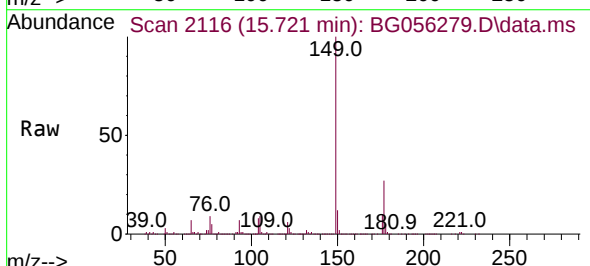
Tgt Ion:232 Resp: 167740
Ion Ratio Lower Upper
232 100
131 27.9 21.4 32.2
130 2.0 1.4 2.0
166 21.7 15.4 23.0

Manual Integrations
APPROVED

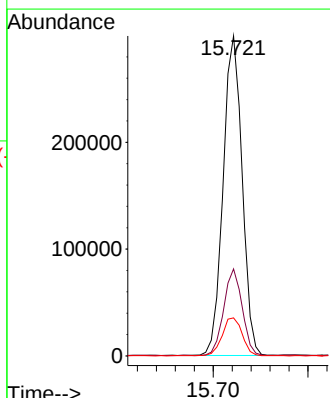
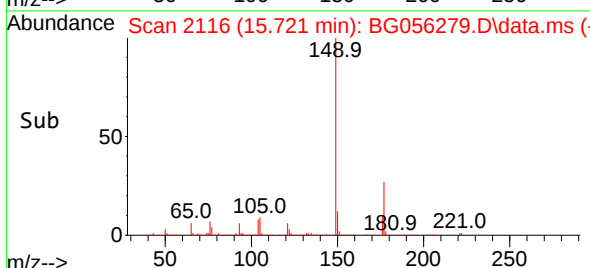
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

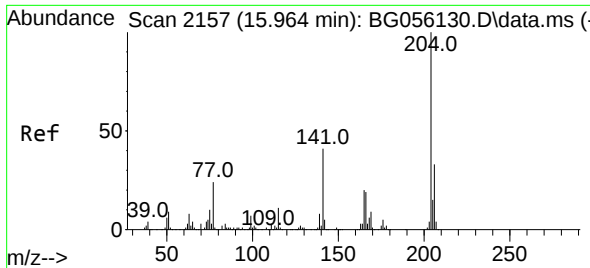


#60
Diethylphthalate
Concen: 44.479 ng
RT: 15.721 min Scan# 2116
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



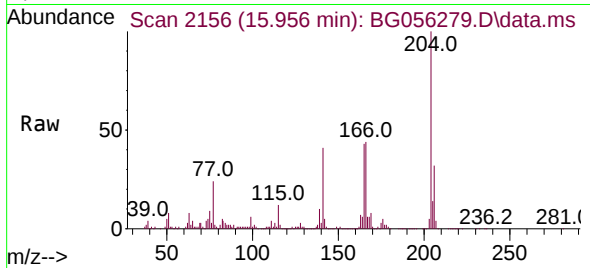
Tgt Ion:149 Resp: 416418
Ion Ratio Lower Upper
149 100
177 27.2 20.6 31.0
150 11.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.619 ng
RT: 15.956 min Scan# 2156
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

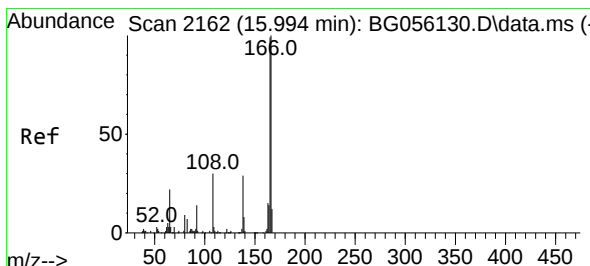
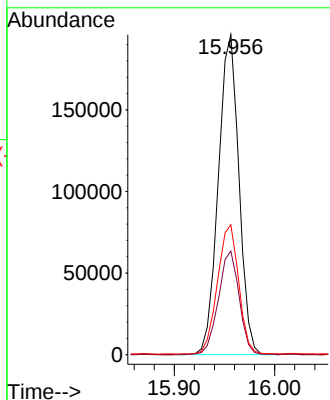
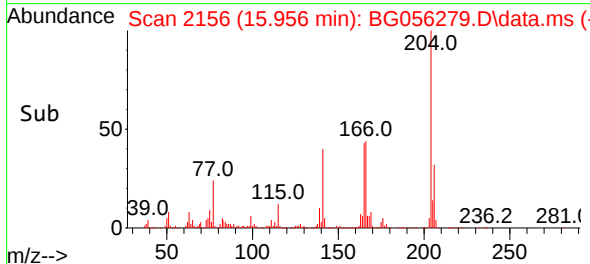
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:204 Resp: 28035
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 40.6 33.0 49.4

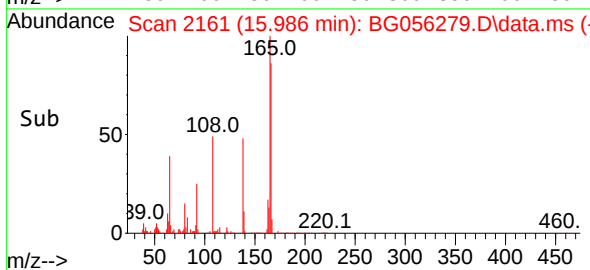
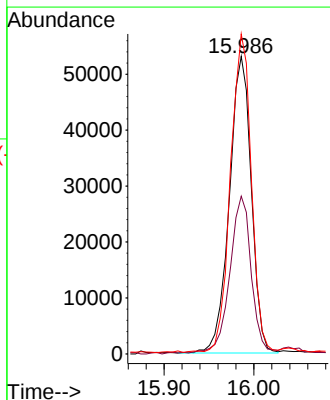
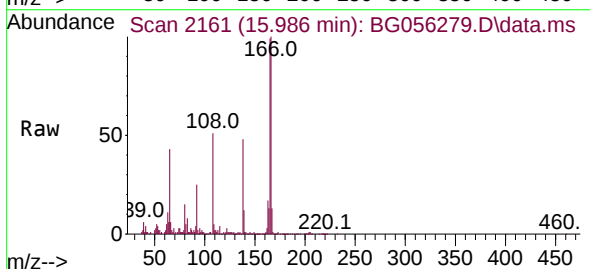
Manual Integrations
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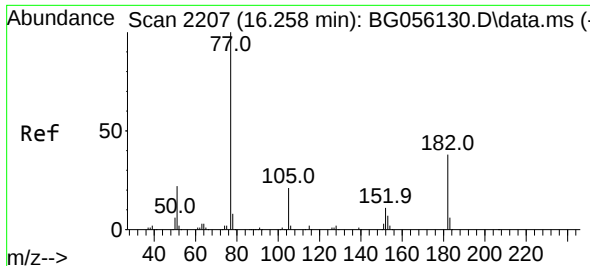
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#62
4-Nitroaniline
Concen: 43.545 ng
RT: 15.986 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

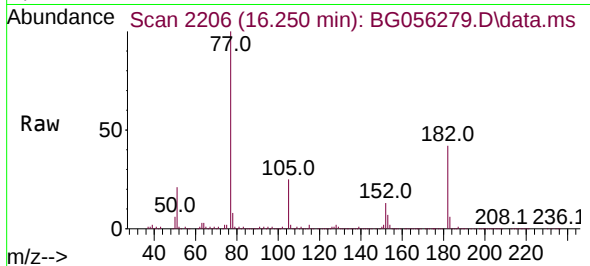
Tgt Ion:138 Resp: 90300
Ion Ratio Lower Upper
138 100
92 53.0 28.6 68.6
108 107.6 83.4 123.4





#63
Azobenzene
Concen: 53.697 ng
RT: 16.250 min Scan# 2207
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

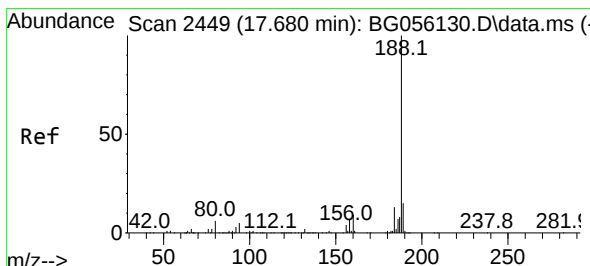
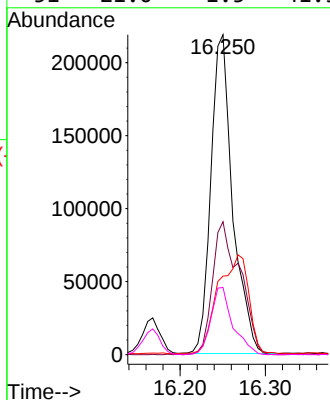
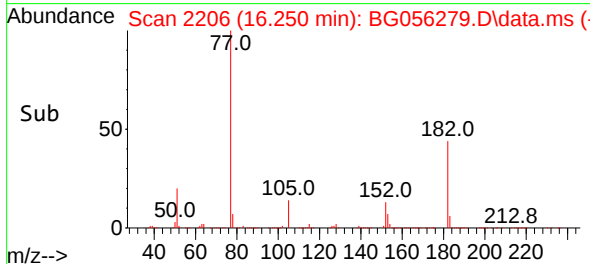
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



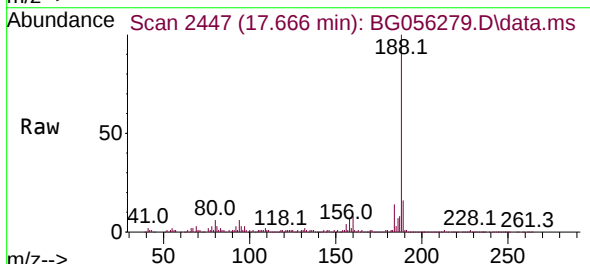
Tgt Ion: 77 Resp: 387940
Ion Ratio Lower Upper
77 100
182 41.5 18.5 58.5
105 24.5 1.4 41.4
51 21.0 1.5 41.5

Manual Integrations
APPROVED

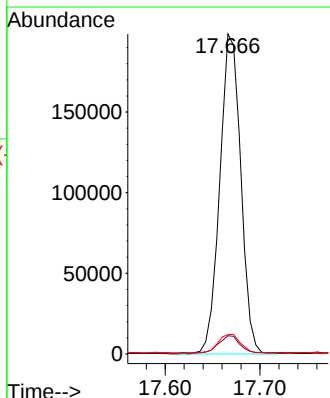
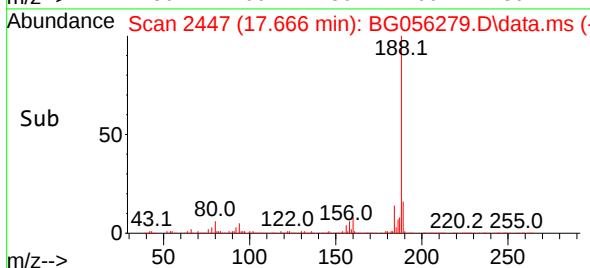
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

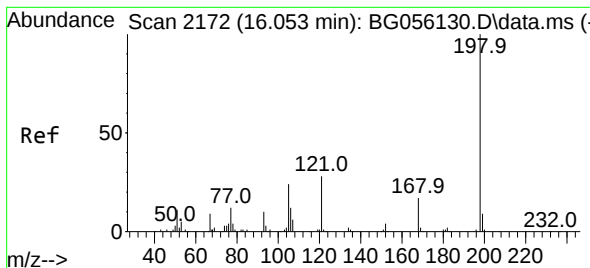


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



Tgt Ion:188 Resp: 305373
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.2
80 6.0 5.0 7.4





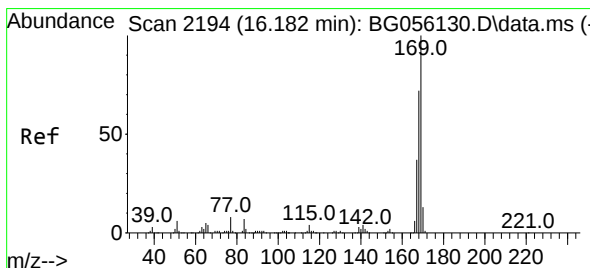
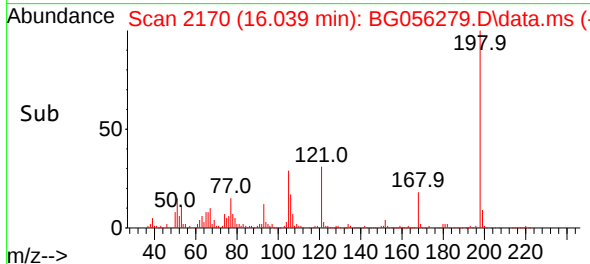
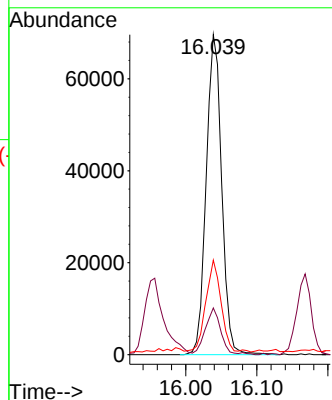
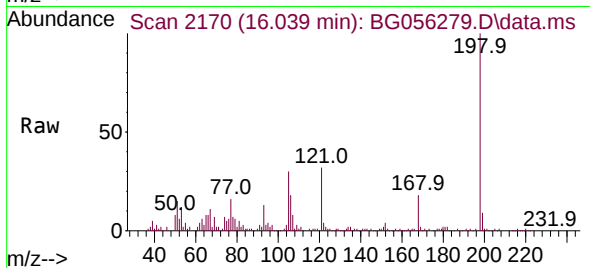
#65
4,6-Dinitro-2-methylphenol
Concen: 51.055 ng
RT: 16.039 min Scan# 2170
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:198 Resp: 105042
Ion Ratio Lower Upper
198 100
51 14.6 0.0 33.2
105 29.5 4.9 44.9

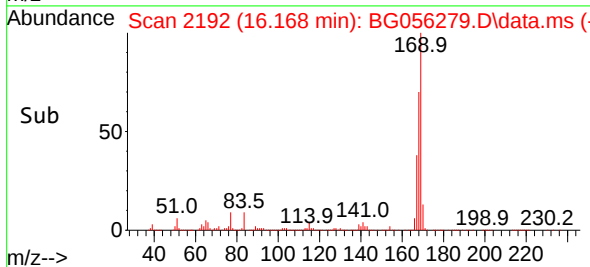
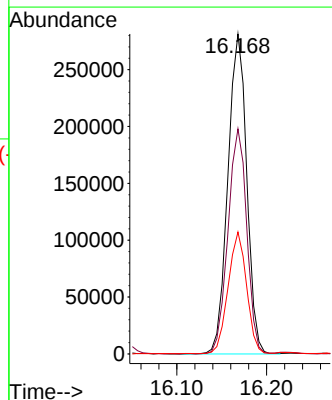
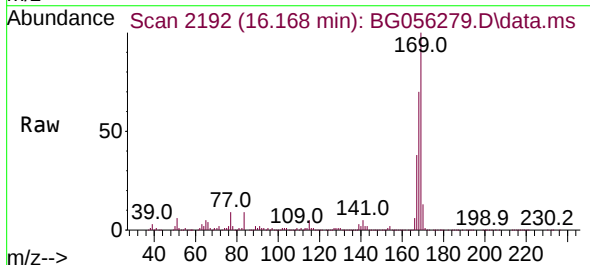
Manual Integrations
APPROVED

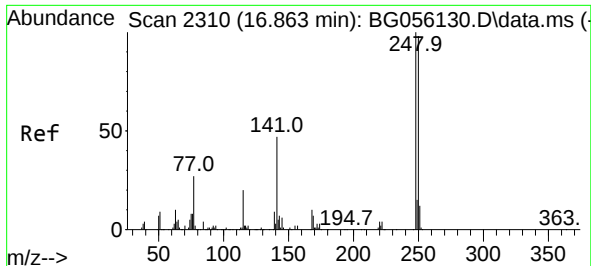
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#66
n-Nitrosodiphenylamine
Concen: 48.656 ng
RT: 16.168 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

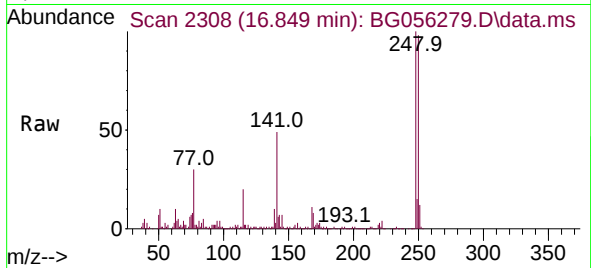
Tgt Ion:169 Resp: 412247
Ion Ratio Lower Upper
169 100
168 70.3 58.0 87.0
167 38.1 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 47.427 ng
RT: 16.849 min Scan# 2310
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

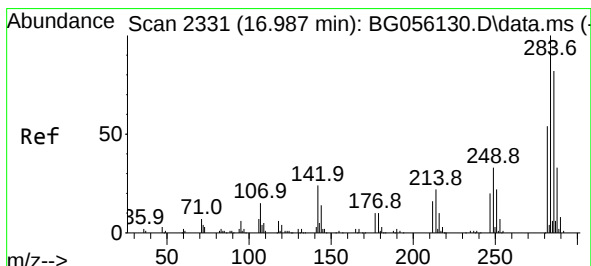
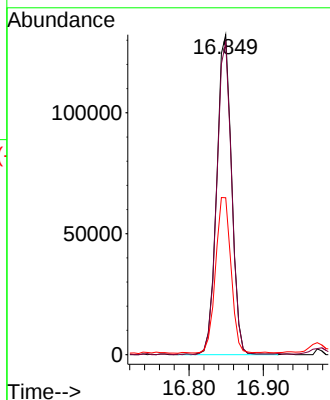
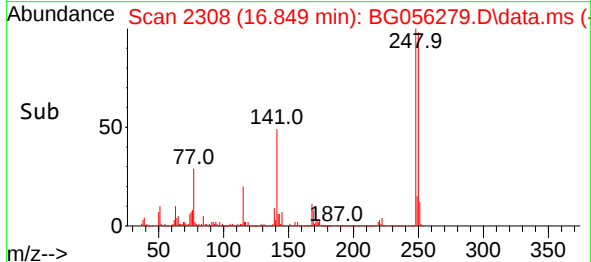
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



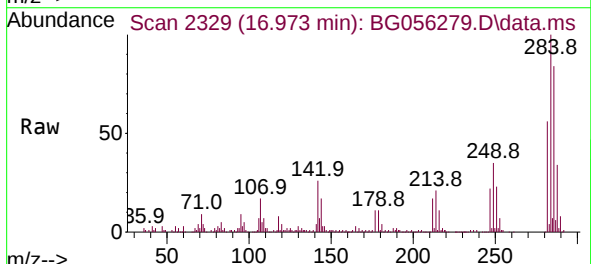
Tgt Ion:248 Resp: 184424
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 49.1 37.6 56.4

Manual Integrations
APPROVED

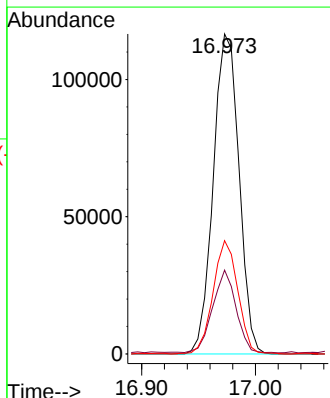
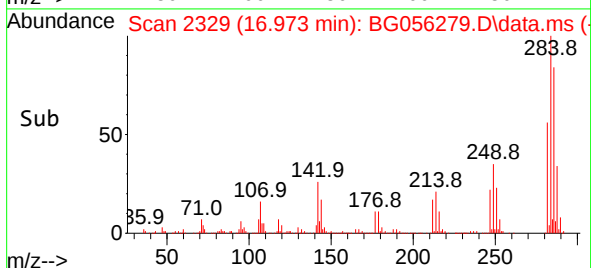
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

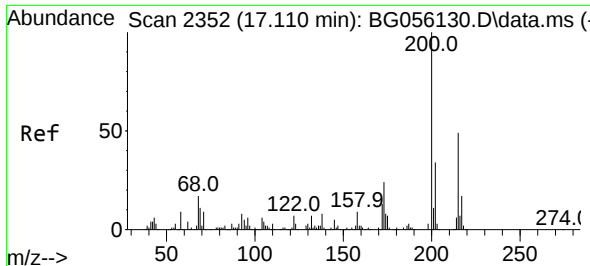


#68
Hexachlorobenzene
Concen: 50.409 ng
RT: 16.973 min Scan# 2329
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



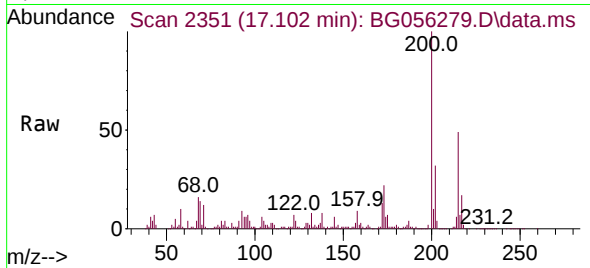
Tgt Ion:284 Resp: 182882
Ion Ratio Lower Upper
284 100
142 26.2 19.0 28.6
249 37.5 26.6 39.8





#69
 Atrazine
 Concen: 50.519 ng
 RT: 17.102 min Scan# 2351
 Delta R.T. 0.007 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

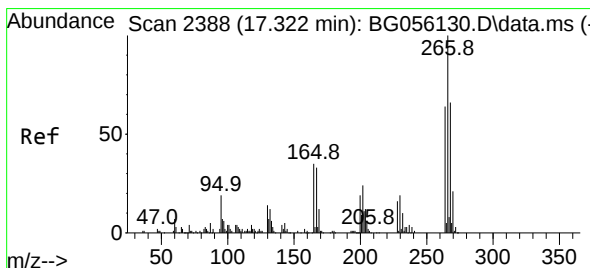
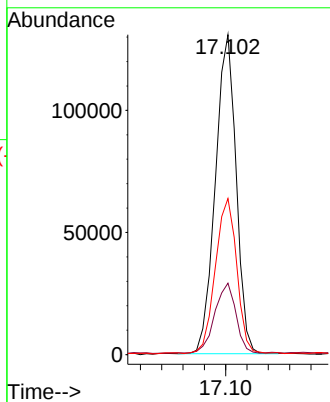
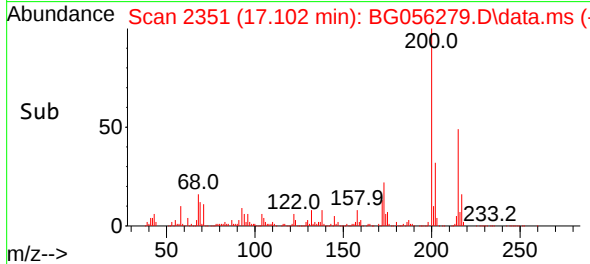
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS



Tgt Ion:200 Resp: 177393
 Ion Ratio Lower Upper
 200 100
 173 22.3 4.0 44.0
 215 48.8 29.1 69.1

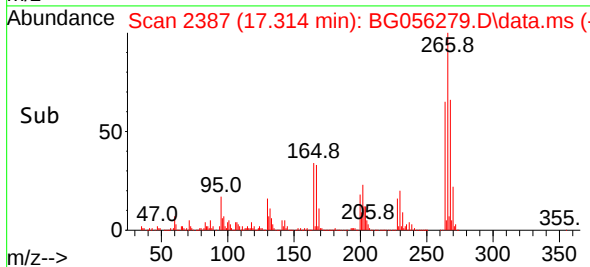
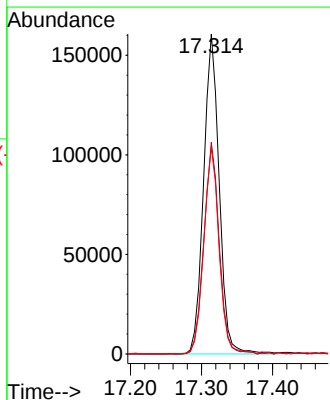
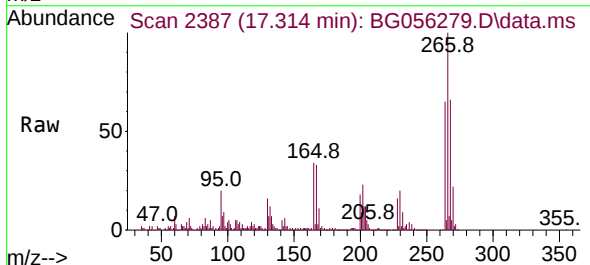
Manual Integrations
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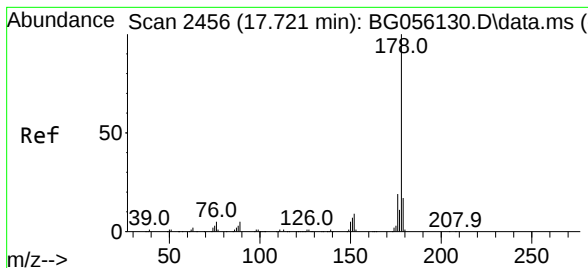
Reviewed By :Christian Giraldo 01/16/2023
 Supervised By :Jagrut Upadhyay 01/16/2023



#70
 Pentachlorophenol
 Concen: 87.575 ng
 RT: 17.314 min Scan# 2387
 Delta R.T. 0.007 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

Tgt Ion:266 Resp: 244064
 Ion Ratio Lower Upper
 266 100
 268 66.1 53.0 79.4
 264 64.6 51.4 77.2





#71

Phenanthrene

Concen: 47.309 ng

RT: 17.713 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

Tgt Ion:178 Resp: 748688

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

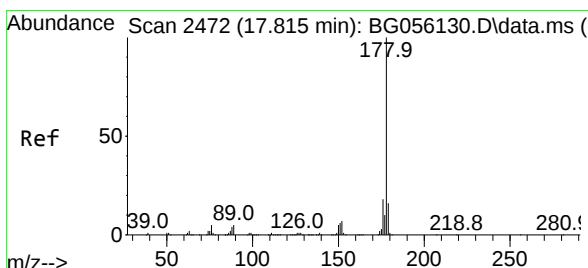
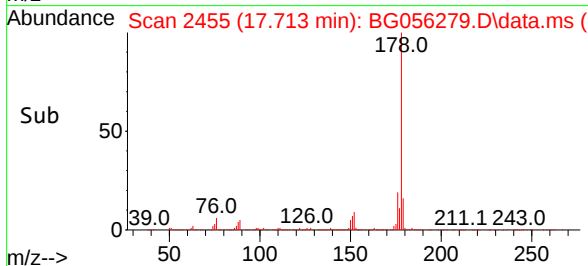
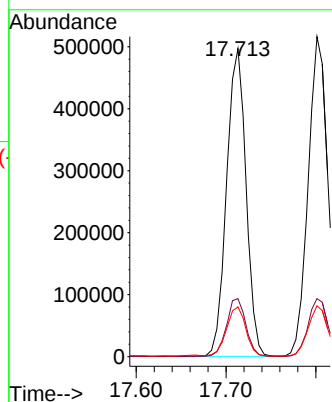
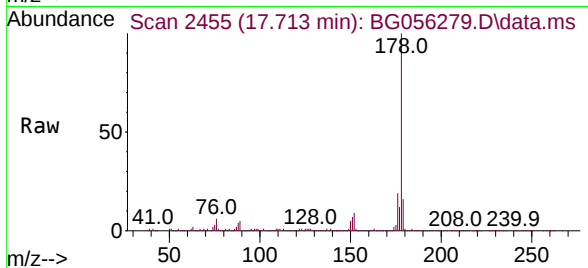
179 16.1 13.6 20.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/16/2023

Supervised By :Jagrut Upadhyay 01/16/2023



#72

Anthracene

Concen: 47.491 ng

RT: 17.801 min Scan# 2470

Delta R.T. 0.002 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

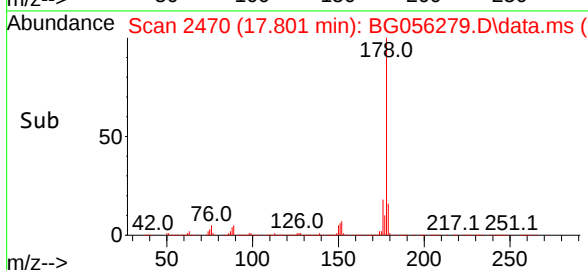
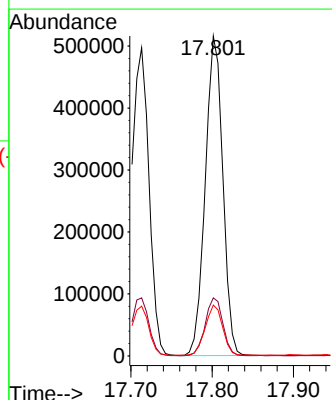
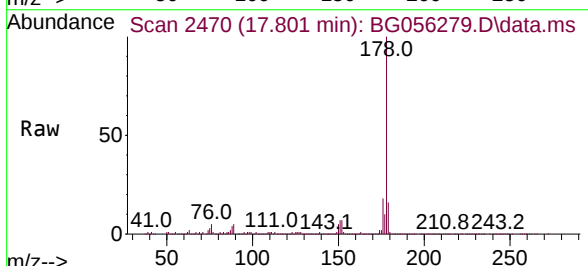
Tgt Ion:178 Resp: 775291

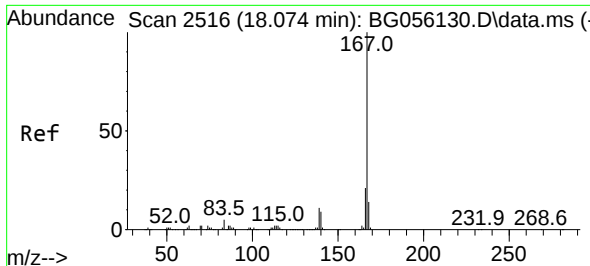
Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

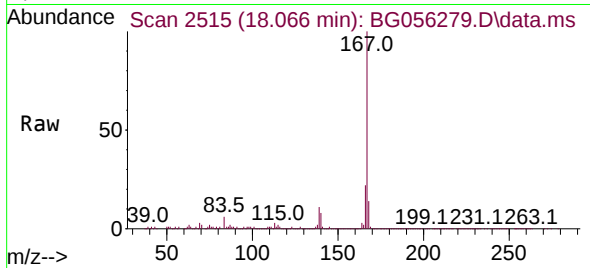
179 15.9 12.7 19.1





#73
Carbazole
Concen: 47.307 ng
RT: 18.066 min Scan# 2516
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

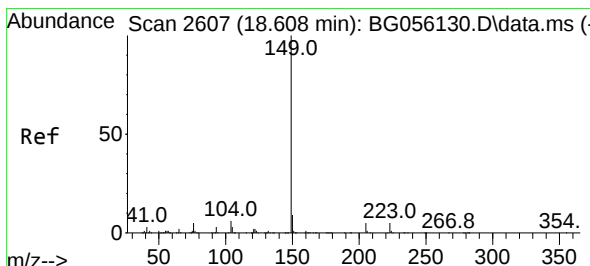
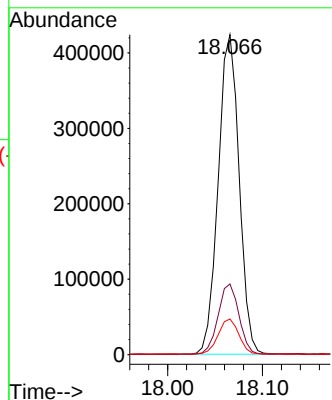
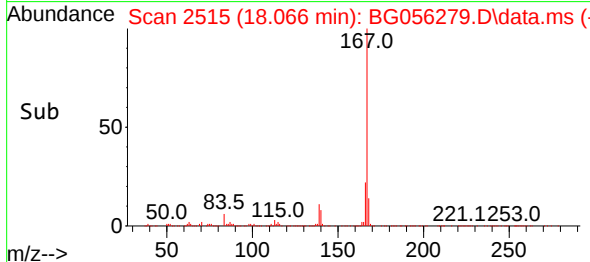
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



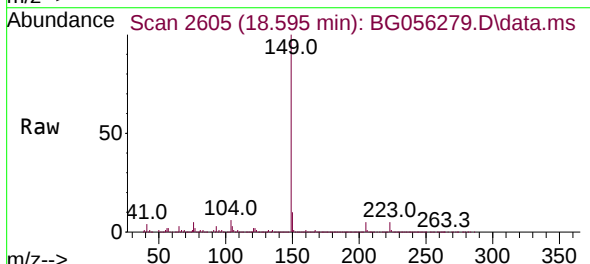
Tgt Ion:167 Resp: 649158
Ion Ratio Lower Upper
167 100
166 22.1 16.8 25.2
139 11.1 8.9 13.3

Manual Integrations
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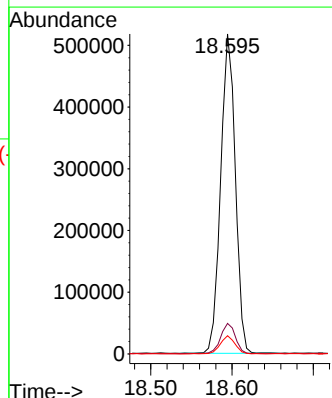
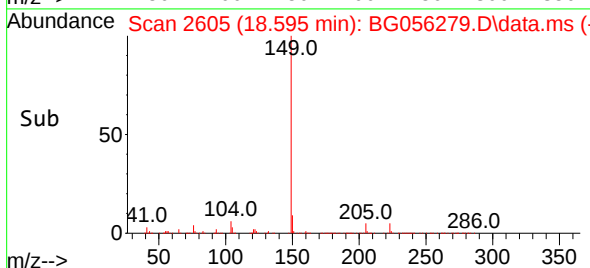
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

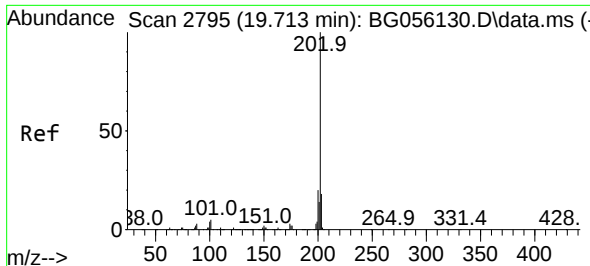


#74
Di-n-butylphthalate
Concen: 47.248 ng
RT: 18.595 min Scan# 2605
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53



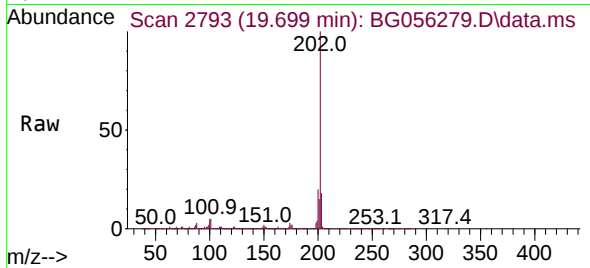
Tgt Ion:149 Resp: 646309
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 45.115 ng
RT: 19.699 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

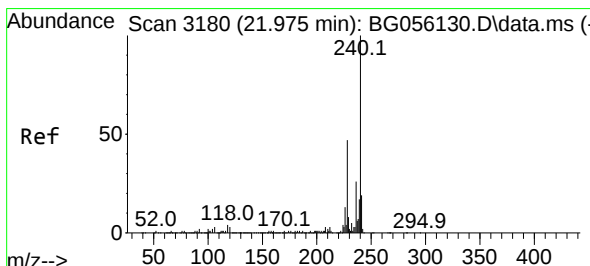
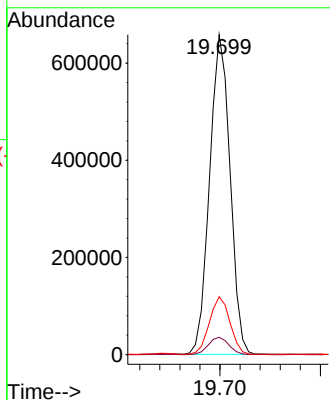
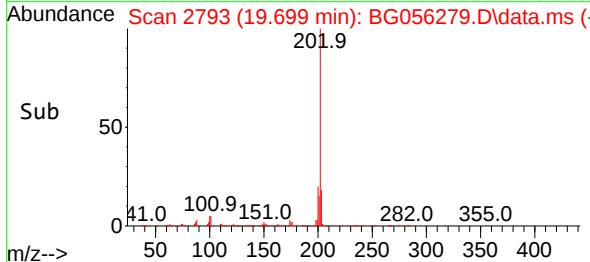
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:202 Resp: 931309
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.0
203 18.1 0.0 38.0

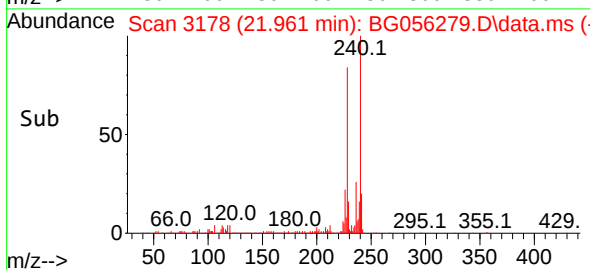
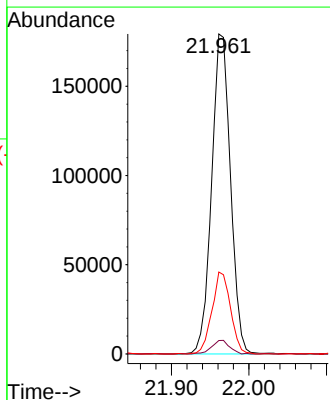
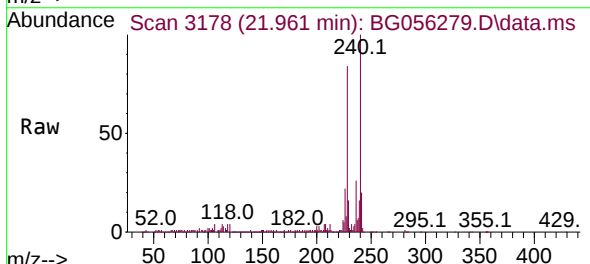
Manual Integrations
APPROVED

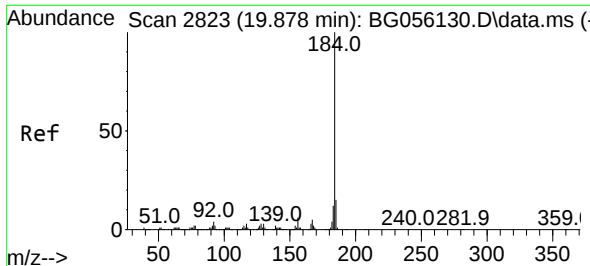
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:240 Resp: 302570
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2





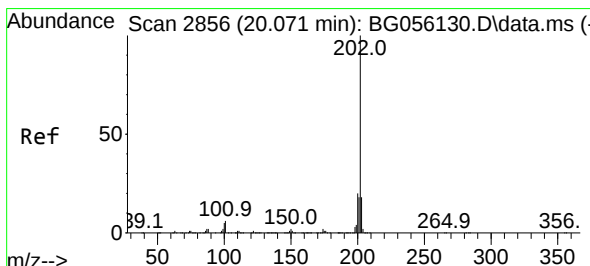
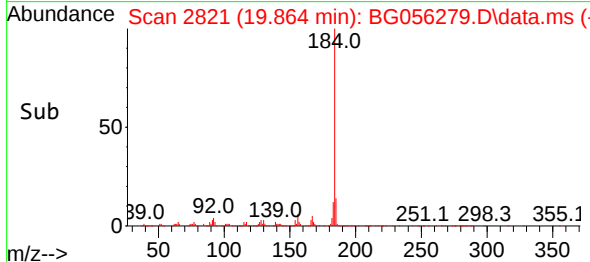
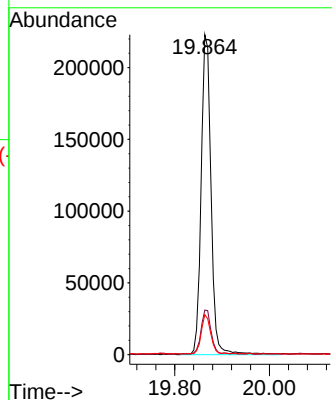
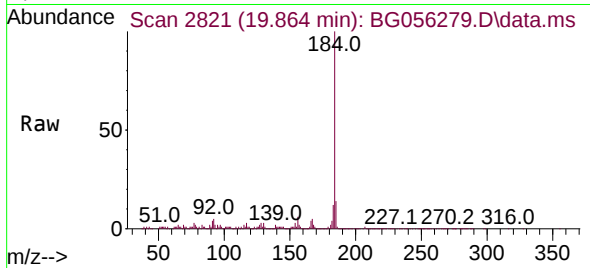
#77
Benzidine
Concen: 30.453 ng
RT: 19.864 min Scan# 2821
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Instrument :
BNA_G
ClientSampleId :
VNJ-207MS

Tgt Ion:184 Resp: 322905
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 12.5 9.4 14.0

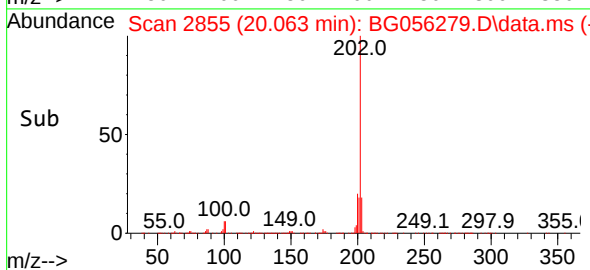
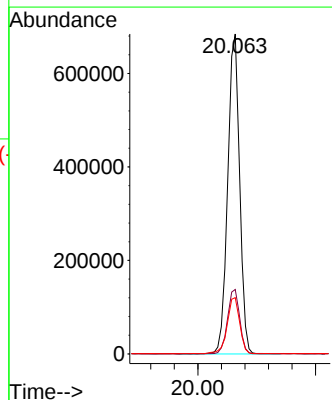
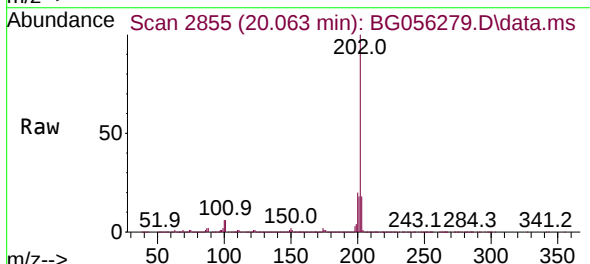
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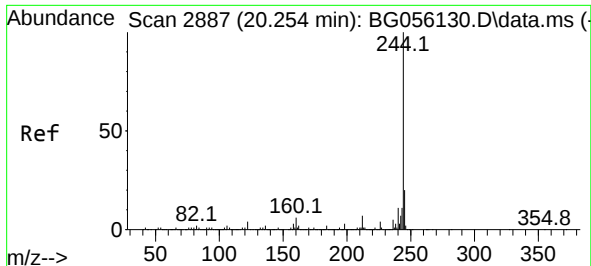
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#78
Pyrene
Concen: 45.028 ng
RT: 20.063 min Scan# 2855
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:202 Resp: 960284
Ion Ratio Lower Upper
202 100
200 20.1 16.4 24.6
203 17.6 14.3 21.5





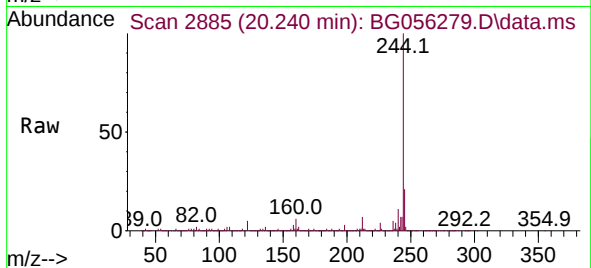
#79
 Terphenyl-d14
 Concen: 83.772 ng
 RT: 20.240 min Scan# 2887
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

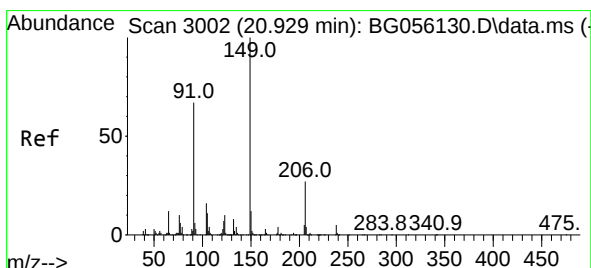
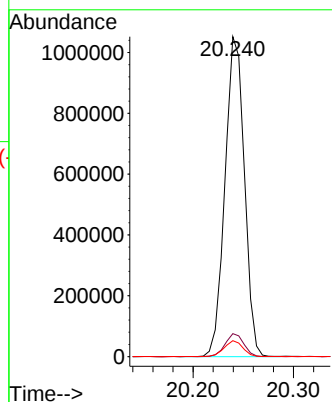
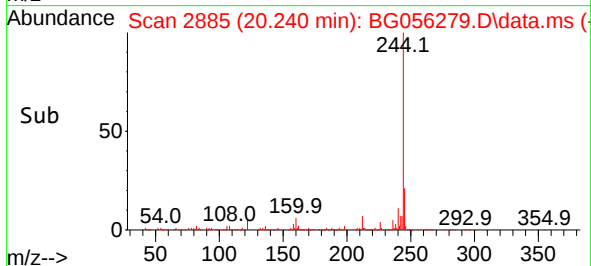


Tgt Ion:244 Resp: 1415200
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.0 3.5 5.3

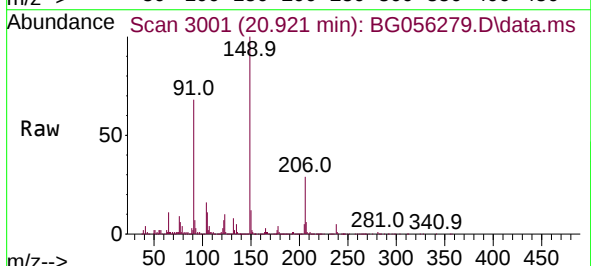
Manual Integrations

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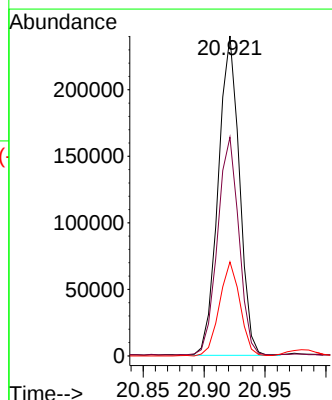
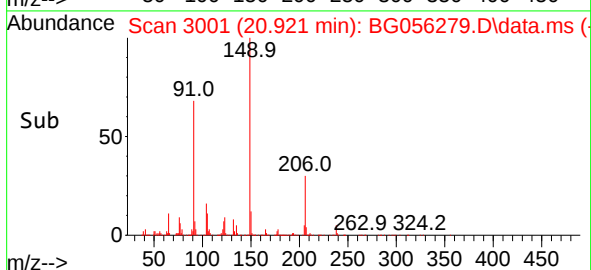
Reviewed By :Christian Giraldo 01/16/2023
 Supervised By :Jagrut Upadhyay 01/16/2023

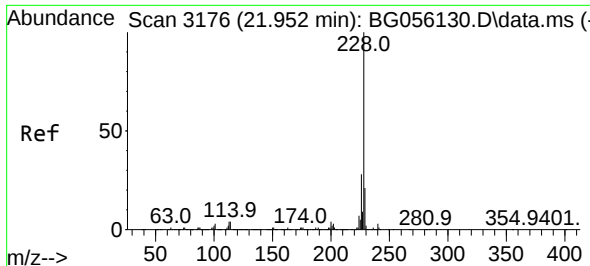


#80
 Butylbenzylphthalate
 Concen: 47.404 ng
 RT: 20.921 min Scan# 3001
 Delta R.T. 0.002 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53



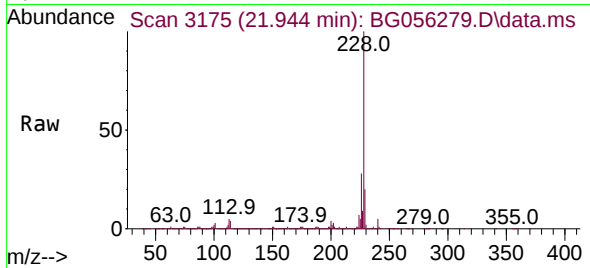
Tgt Ion:149 Resp: 290038
 Ion Ratio Lower Upper
 149 100
 91 68.3 53.5 80.3
 206 29.4 21.9 32.9





#81
Benzo(a)anthracene
Concen: 47.272 ng
RT: 21.944 min Scan# 3175
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

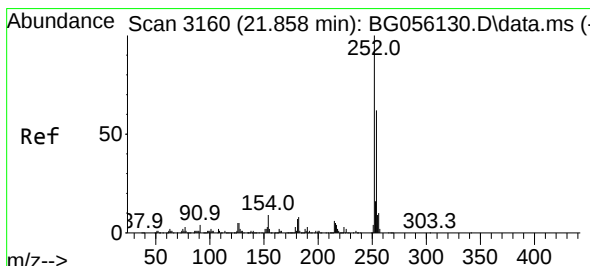
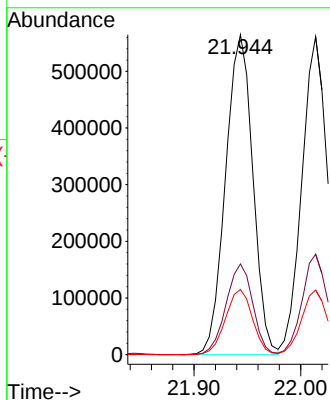
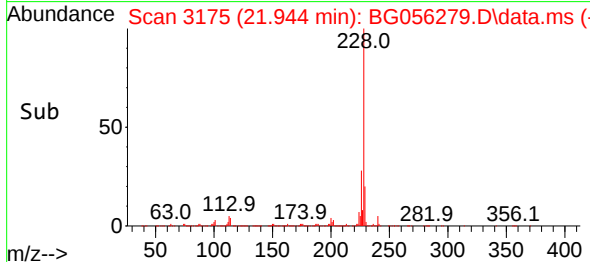
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:228 Resp: 1004613
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.4 16.9 25.3

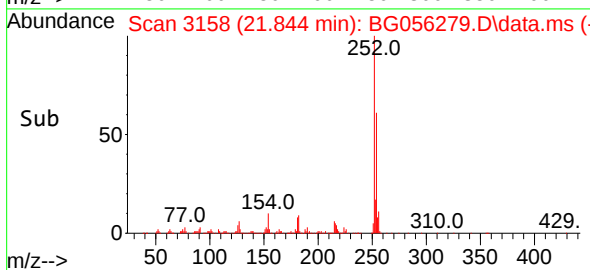
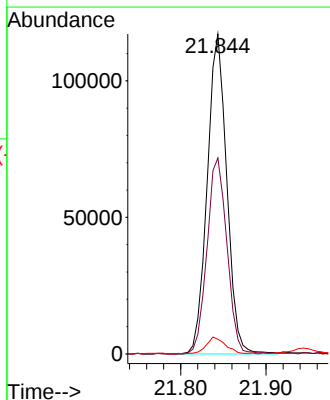
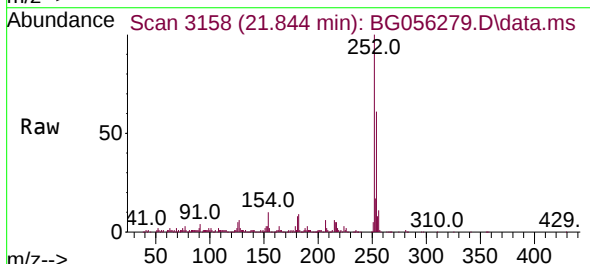
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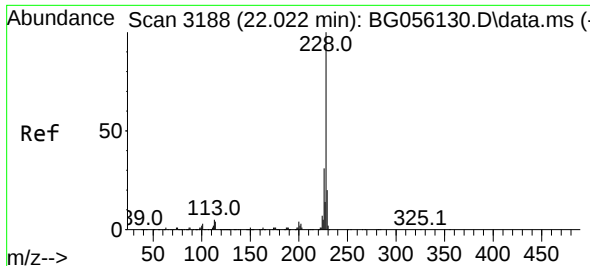
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 24.361 ng
RT: 21.844 min Scan# 3158
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

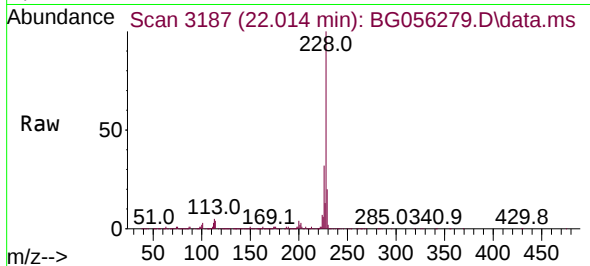
Tgt Ion:252 Resp: 186368
Ion Ratio Lower Upper
252 100
254 61.3 49.5 74.3
126 4.6 4.0 6.0





#83
Chrysene
Concen: 46.905 ng
RT: 22.014 min Scan# 3187
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

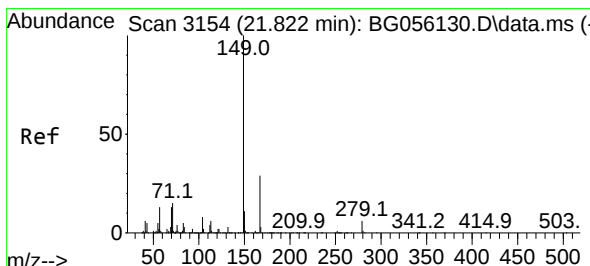
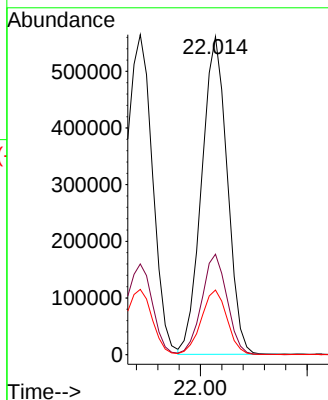
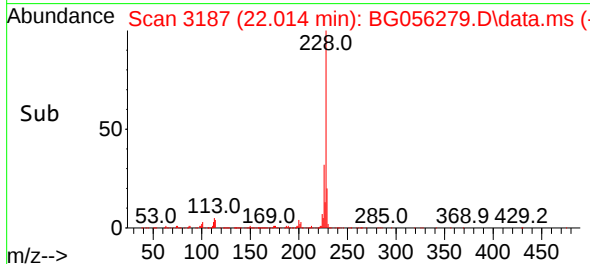
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:228 Resp: 933720
Ion Ratio Lower Upper
228 100
226 31.6 24.6 36.8
229 20.3 15.8 23.6

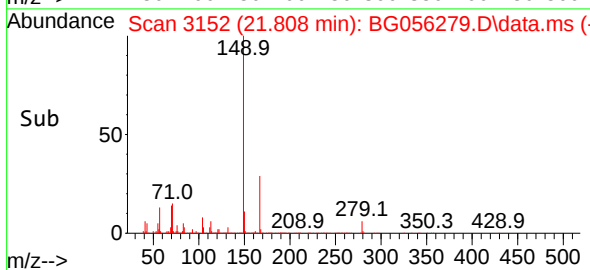
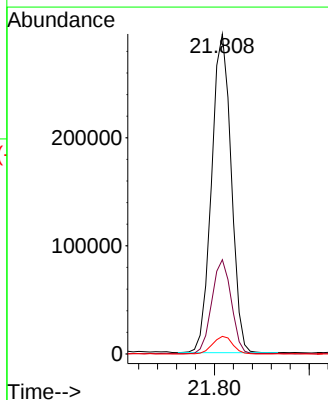
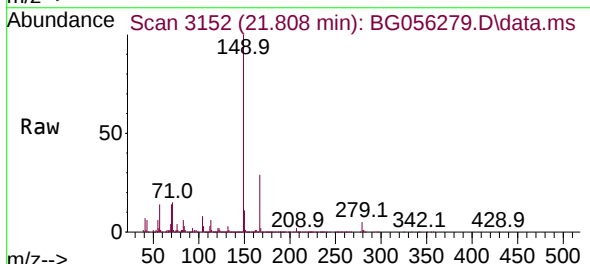
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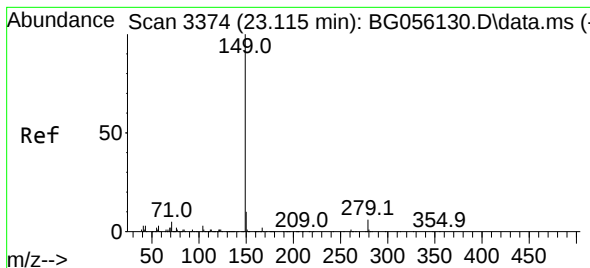
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.080 ng
RT: 21.808 min Scan# 3152
Delta R.T. 0.002 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

Tgt Ion:149 Resp: 423813
Ion Ratio Lower Upper
149 100
167 29.4 23.4 35.2
279 5.5 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 48.875 ng

RT: 23.095 min Scan# 3374

Delta R.T. 0.007 min

Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Instrument :

BNA_G

ClientSampleId :

VNJ-207MS

Tgt Ion:149 Resp: 727305

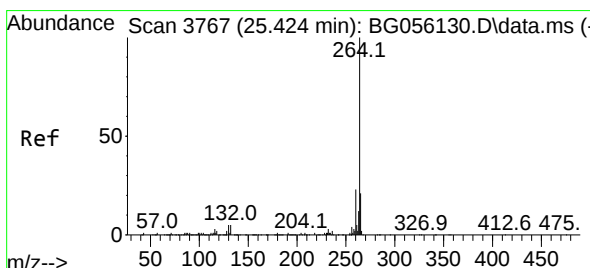
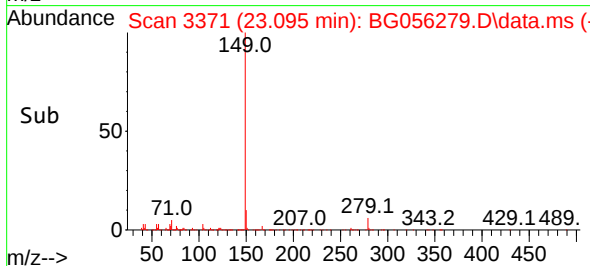
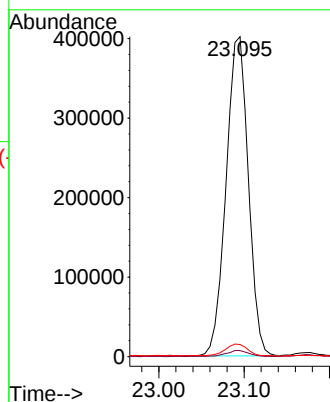
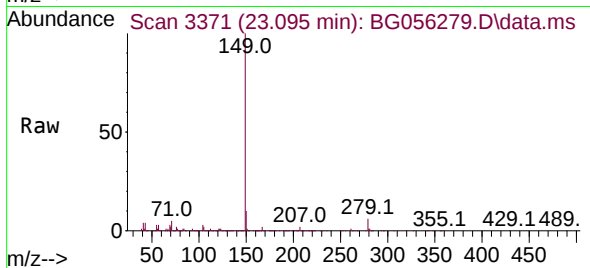
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	3.9	2.9	4.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/16/2023

Supervised By :Jagrut Upadhyay 01/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.410 min Scan# 3765

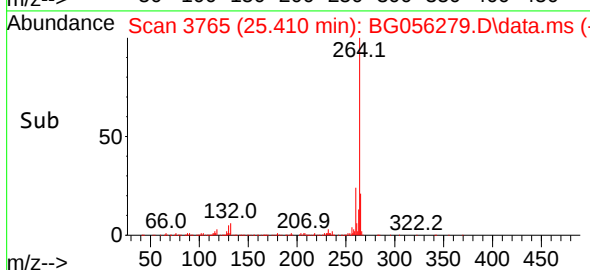
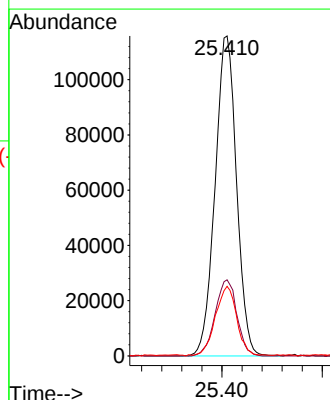
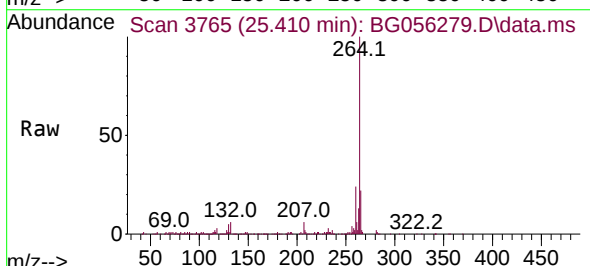
Delta R.T. 0.007 min

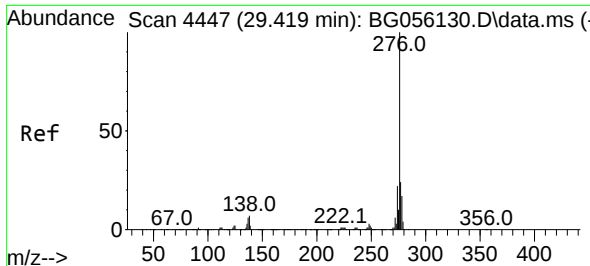
Lab File: BG056279.D

Acq: 13 Jan 2023 15:53

Tgt Ion:264 Resp: 343330

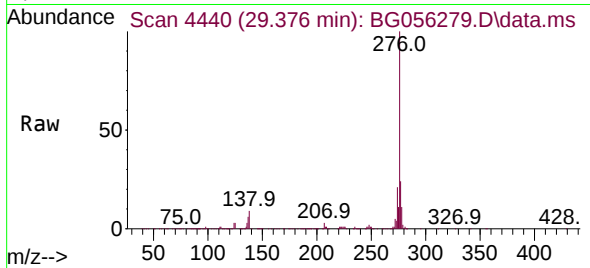
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	16.7	25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.530 ng
 RT: 29.376 min Scan# 4447
 Delta R.T. 0.013 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

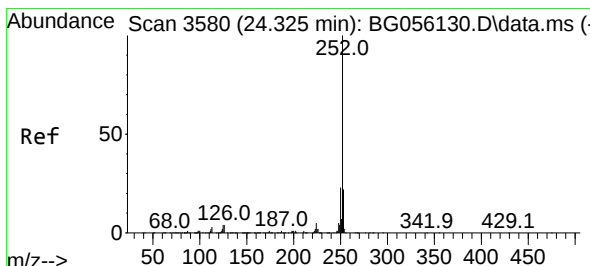
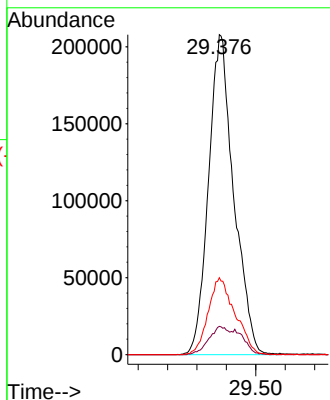
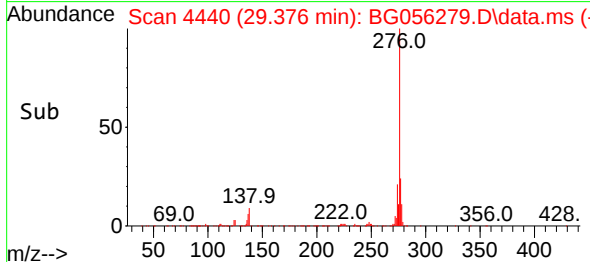
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS



Tgt Ion:276 Resp: 1236714
 Ion Ratio Lower Upper
 276 100
 138 6.8 5.0 7.4
 277 25.7 20.5 30.7

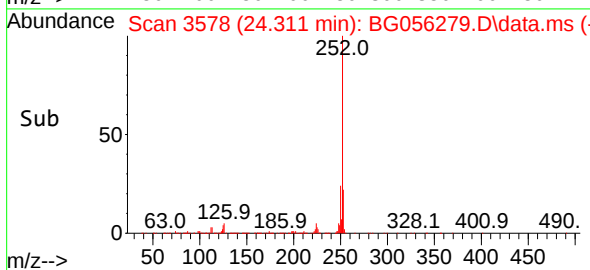
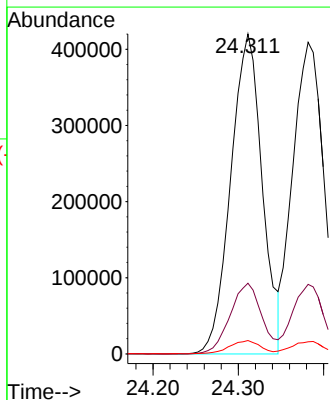
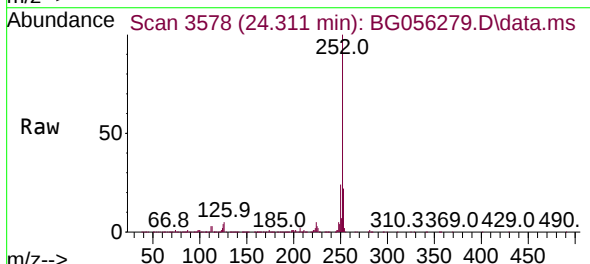
Manual Integrations
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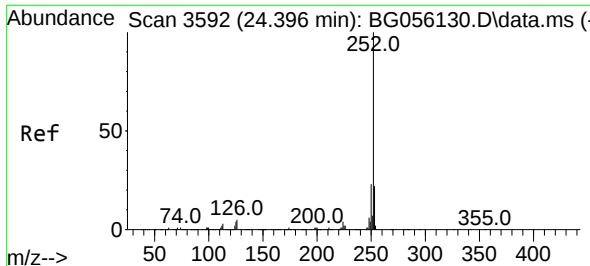
Reviewed By :Christian Giraldo 01/16/2023
 Supervised By :Jagrut Upadhyay 01/16/2023



#88
 Benzo(b)fluoranthene
 Concen: 49.386 ng
 RT: 24.311 min Scan# 3578
 Delta R.T. 0.013 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

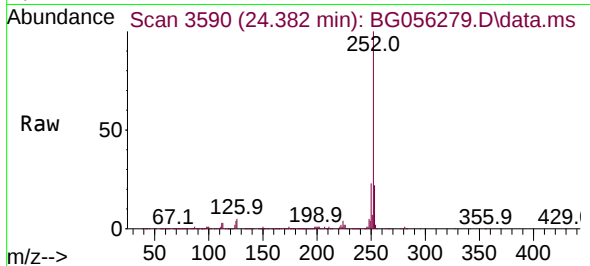
Tgt Ion:252 Resp: 1077301
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 4.2 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 47.529 ng
RT: 24.382 min Scan# 3592
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

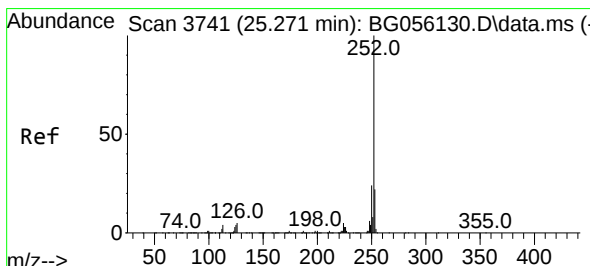
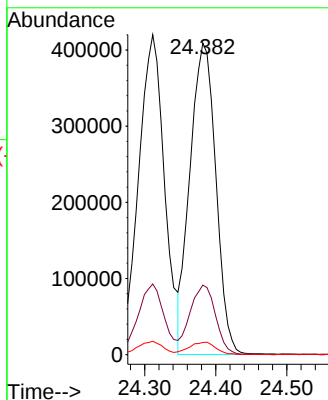
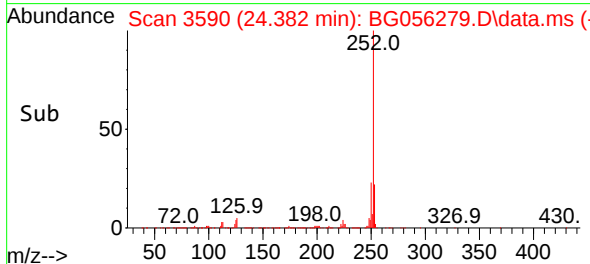
Instrument :
BNA_G
ClientSampleId :
VNJ-207MS



Tgt Ion:252 Resp: 103244
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 3.9 3.4 5.0

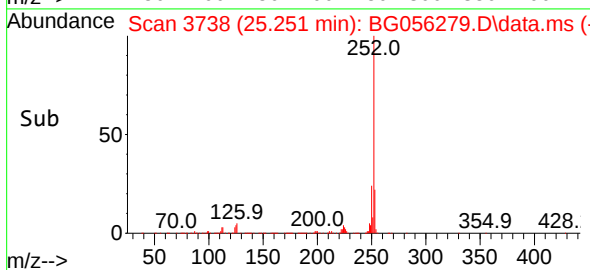
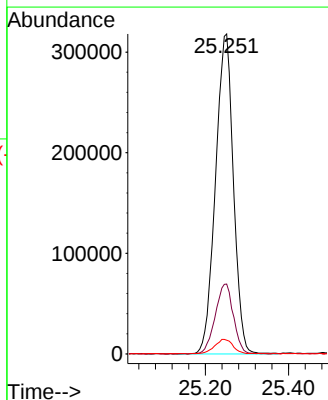
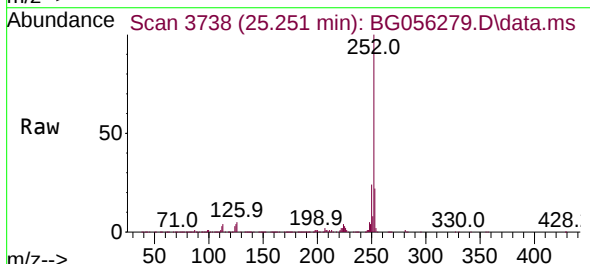
Manual Integrations
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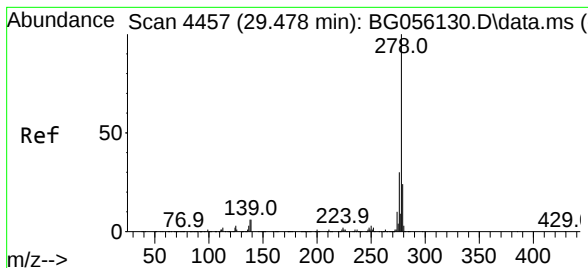
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#90
Benzo(a)pyrene
Concen: 44.635 ng
RT: 25.251 min Scan# 3738
Delta R.T. 0.007 min
Lab File: BG056279.D
Acq: 13 Jan 2023 15:53

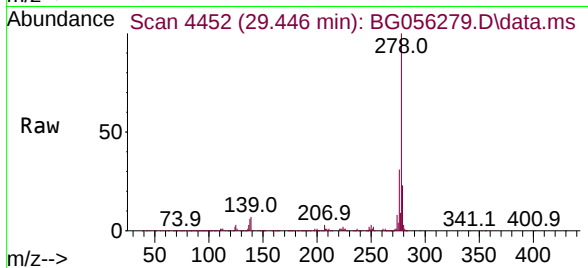
Tgt Ion:252 Resp: 949667
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 4.3 3.2 4.8





#91
 Dibenzo(a,h)anthracene
 Concen: 49.596 ng
 RT: 29.446 min Scan# 4452
 Delta R.T. 0.013 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

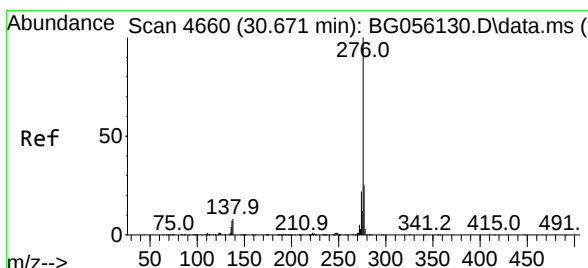
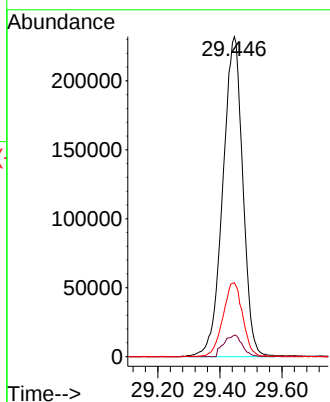
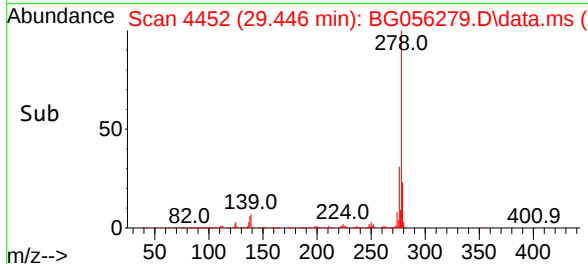
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MS



Tgt Ion:278 Resp: 1038250
 Ion Ratio Lower Upper
 278 100
 139 6.7 4.8 7.2
 279 23.1 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 01/16/2023
 Supervised By :Jagrut Upadhyay 01/16/2023



#92
 Benzo(g,h,i)perylene
 Concen: 49.245 ng
 RT: 30.627 min Scan# 4653
 Delta R.T. 0.013 min
 Lab File: BG056279.D
 Acq: 13 Jan 2023 15:53

Tgt Ion:276 Resp: 999701
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.7 29.5
 138 8.7 6.7 10.1

