

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056280.D
 Acq On : 13 Jan 2023 16:34
 Operator : CG/JU
 Sample : 01129-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MSD

Manual Integrations
 APPROVED

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

Quant Time: Jan 16 00:22:51 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	37330	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	147605	20.000	ng	0.00
39) Acenaphthene-d10	14.932	164	123032	20.000	ng	0.00
64) Phenanthrene-d10	17.670	188	300349	20.000	ng	0.00
76) Chrysene-d12	21.965	240	304040	20.000	ng	0.00
86) Perylene-d12	25.403	264	348210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	292869	140.079	ng	0.01
7) Phenol-d6	7.453	99	426699	132.896	ng	0.00
23) Nitrobenzene-d5	9.492	82	223756	77.541	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	190729	122.405	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	736350	82.647	ng	0.00
79) Terphenyl-d14	20.244	244	1417289	83.490	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	43076	45.107	ng	91
3) Pyridine	4.063	79	115506	39.712	ng	98
4) n-Nitrosodimethylamine	3.969	42	26831	45.349	ng	89
6) Aniline	7.629	93	117080	27.806	ng	95
8) 2-Chlorophenol	7.876	128	117929	56.683	ng	96
9) Benzaldehyde	7.441	77	59127	30.971	ng	94
10) Phenol	7.482	94	171013	52.520	ng	98
11) bis(2-Chloroethyl)ether	7.717	93	104652	47.426	ng	96
12) 1,3-Dichlorobenzene	8.205	146	132705	52.409	ng	97
13) 1,4-Dichlorobenzene	8.358	146	132794	52.226	ng	97
14) 1,2-Dichlorobenzene	8.681	146	128835	52.512	ng	99
15) Benzyl Alcohol	8.552	79	109857	47.012	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.840	45	22301	57.191	ng	81
17) 2-Methylphenol	8.751	107	117130	49.023	ng	96
18) Hexachloroethane	9.421	117	41558	53.801	ng	93
19) n-Nitroso-di-n-propyla...	9.122	70	82464	42.237	ng	97
20) 3+4-Methylphenols	9.080	107	163544	48.685	ng	94
22) Acetophenone	9.145	105	188546	45.176	ng	# 99
24) Nitrobenzene	9.533	77	129302	45.215	ng	100
25) Isophorone	10.056	82	253655	41.778	ng	96
26) 2-Nitrophenol	10.256	139	72411	49.490	ng	97
27) 2,4-Dimethylphenol	10.297	122	133231	49.924	ng	98
28) bis(2-Chloroethoxy)met...	10.532	93	146273	46.354	ng	99
29) 2,4-Dichlorophenol	10.784	162	153475	52.019	ng	99
30) 1,2,4-Trichlorobenzene	11.008	180	162971	48.676	ng	97
31) Naphthalene	11.202	128	363394	46.779	ng	99
32) Benzoic acid	10.420	122	98598m	49.795	ng	
33) 4-Chloroaniline	11.301	127	67784	18.276	ng	96
34) Hexachlorobutadiene	11.478	225	113638	47.191	ng	97
35) Caprolactam	12.065	113	49210m	49.264	ng	
36) 4-Chloro-3-methylphenol	12.394	107	146964	49.090	ng	96
37) 2-Methylnaphthalene	12.782	142	288936	44.050	ng	97
38) 1-Methylnaphthalene	12.999	142	271589	44.588	ng	96
40) 1,2,4,5-Tetrachloroben...	13.140	216	221514	48.038	ng	99
41) Hexachlorocyclopentadiene	13.117	237	298176	113.420	ng	96
43) 2,4,6-Trichlorophenol	13.370	196	154751	50.752	ng	98

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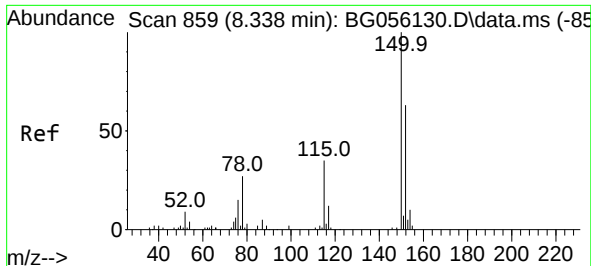
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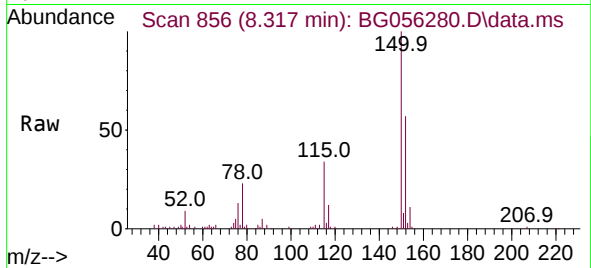
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	171305	47.494	ng	97
46) 1,1'-Biphenyl	13.769	154	421847	47.876	ng	99
47) 2-Chloronaphthalene	13.822	162	339442	48.807	ng	97
48) 2-Nitroaniline	14.010	65	72668	49.040	ng	96
49) Acenaphthylene	14.662	152	526305	46.503	ng	98
50) Dimethylphthalate	14.368	163	446100	44.916	ng	99
51) 2,6-Dinitrotoluene	14.492	165	99925	47.217	ng	99
52) Acenaphthene	14.997	154	402319m	54.656	ng	
53) 3-Nitroaniline	14.827	138	50403	25.025	ng	96
54) 2,4-Dinitrophenol	15.032	184	154099	101.926	ng	96
55) Dibenzofuran	15.326	168	563243	46.240	ng	97
56) 4-Nitrophenol	15.120	139	158579	102.373	ng	94
57) 2,4-Dinitrotoluene	15.279	165	142130	48.022	ng	# 92
58) Fluorene	15.972	166	445837	45.506	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.544	232	166400m	49.134	ng	
60) Diethylphthalate	15.720	149	411161	44.144	ng	97
61) 4-Chlorophenyl-phenyle...	15.955	204	279037	45.638	ng	100
62) 4-Nitroaniline	15.984	138	89511	43.386	ng	96
63) Azobenzene	16.249	77	388752	54.086	ng	96
65) 4,6-Dinitro-2-methylph...	16.037	198	103865	51.328	ng	92
66) n-Nitrosodiphenylamine	16.166	169	413493	49.619	ng	98
67) 4-Bromophenyl-phenylether	16.848	248	183553	47.992	ng	97
68) Hexachlorobenzene	16.971	284	183576	51.446	ng	98
69) Atrazine	17.101	200	175034	50.681	ng	97
70) Pentachlorophenol	17.312	266	241991	88.284	ng	98
71) Phenanthrene	17.712	178	741656	47.649	ng	99
72) Anthracene	17.806	178	762651	47.498	ng	99
73) Carbazole	18.064	167	651875	48.300	ng	99
74) Di-n-butylphthalate	18.593	149	646708	48.068	ng	100
75) Fluoranthene	19.697	202	922330	45.428	ng	99
77) Benzidine	19.868	184	321828	30.205	ng	99
78) Pyrene	20.062	202	951833	44.416	ng	99
80) Butylbenzylphthalate	20.920	149	284944	46.347	ng	96
81) Benzo(a)anthracene	21.942	228	998273	46.747	ng	98
82) 3,3'-Dichlorobenzidine	21.842	252	175243	22.796	ng	98
83) Chrysene	22.012	228	934967	46.741	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	423750	47.840	ng	99
85) Di-n-octyl phthalate	23.093	149	725739	48.534	ng	100
87) Indeno(1,2,3-cd)pyrene	29.380	276	1238123	48.891	ng	# 99
88) Benzo(b)fluoranthene	24.310	252	1068109	48.278	ng	99
89) Benzo(k)fluoranthene	24.380	252	1028579	46.688	ng	99
90) Benzo(a)pyrene	25.244	252	957459	44.371	ng	99
91) Dibenzo(a,h)anthracene	29.439	278	1035190	48.757	ng	98
92) Benzo(g,h,i)perylene	30.632	276	997107	48.429	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 85
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

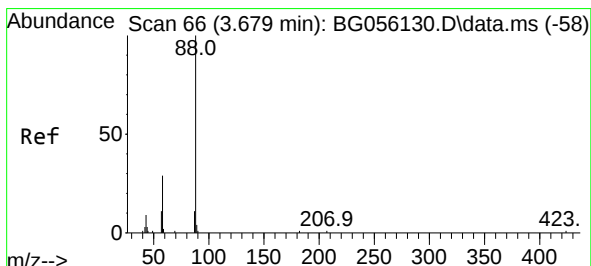
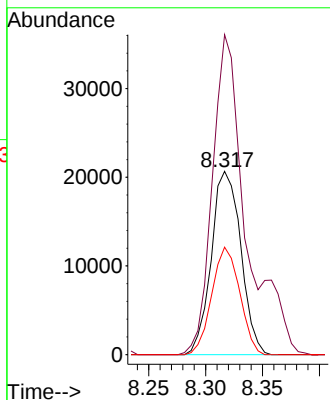
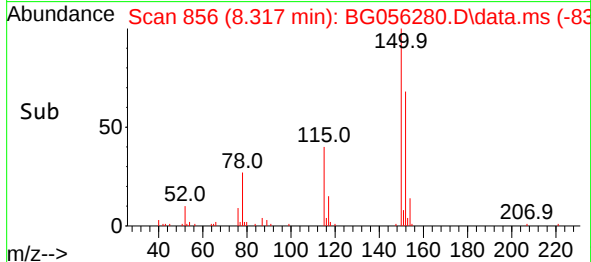
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:152 Resp: 37330
Ion Ratio Lower Upper
152 100
150 174.5 127.9 191.9
115 58.6 44.2 66.2

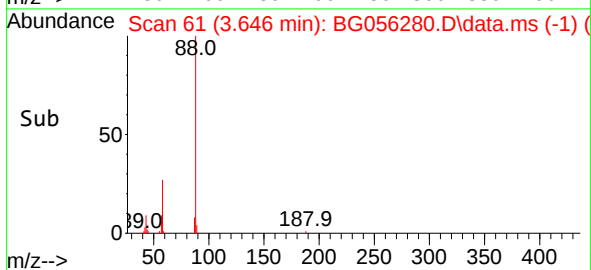
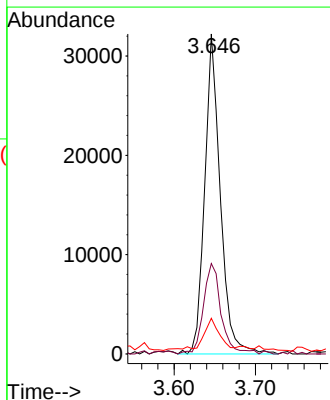
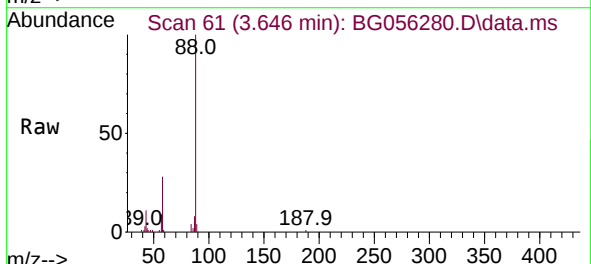
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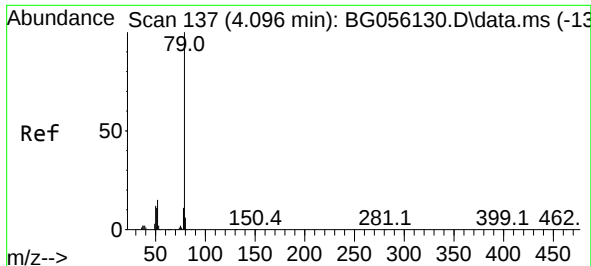
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#2
1,4-Dioxane
Concen: 45.107 ng
RT: 3.646 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion: 88 Resp: 43076
Ion Ratio Lower Upper
88 100
58 31.9 21.4 32.0
43 10.7 7.1 10.7





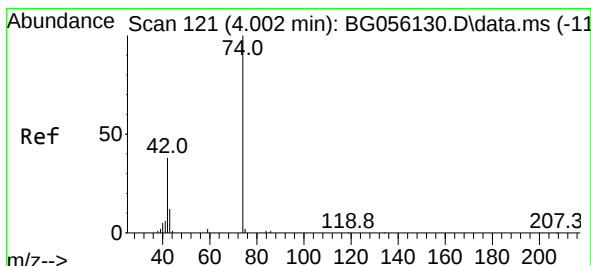
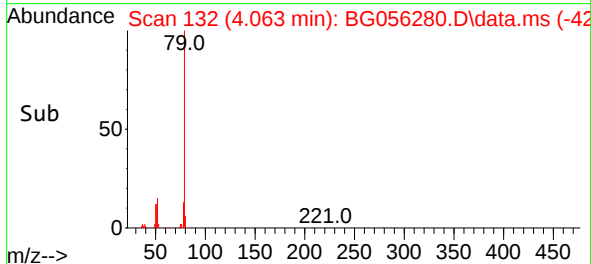
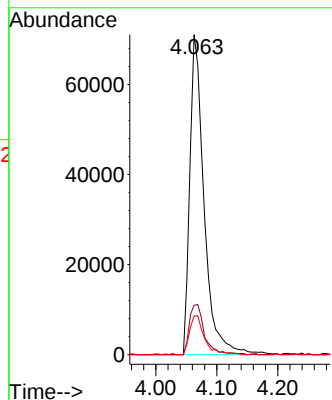
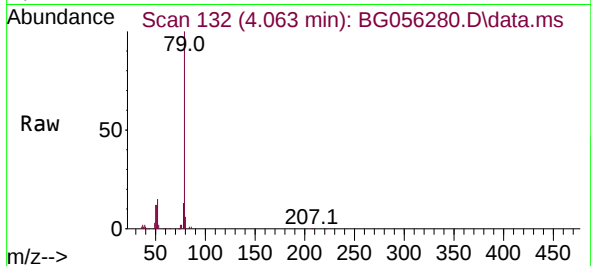
#3
Pyridine
Concen: 39.712 ng
RT: 4.063 min Scan# 137
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :
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ClientSampleId :
VNJ-207MSD

Tgt Ion: 79 Resp: 115506
Ion Ratio Lower Upper
79 100
52 15.4 11.8 17.6
51 12.1 8.8 13.2

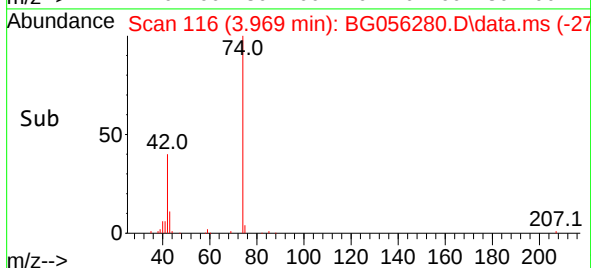
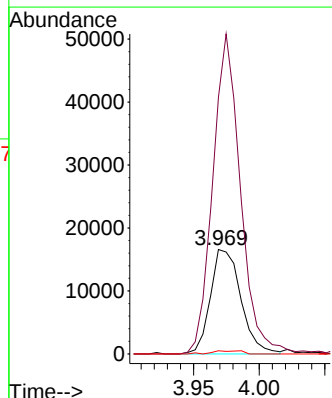
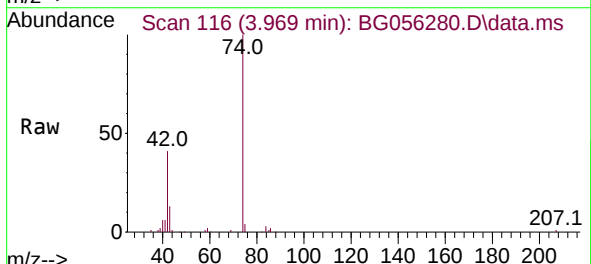
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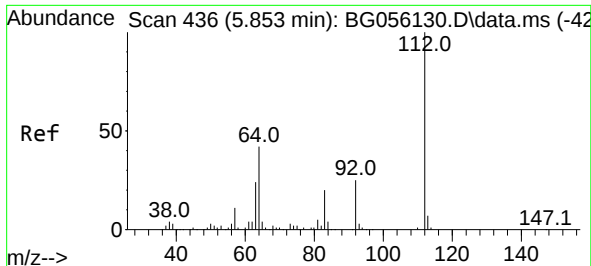
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#4
n-Nitrosodimethylamine
Concen: 45.349 ng
RT: 3.969 min Scan# 116
Delta R.T. -0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

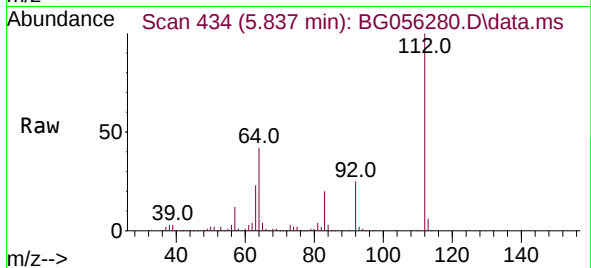
Tgt Ion: 42 Resp: 26831
Ion Ratio Lower Upper
42 100
74 245.6 212.6 319.0
44 3.0 2.6 3.8





#5
2-Fluorophenol
Concen: 140.079 ng
RT: 5.837 min Scan# 436
Delta R.T. 0.012 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

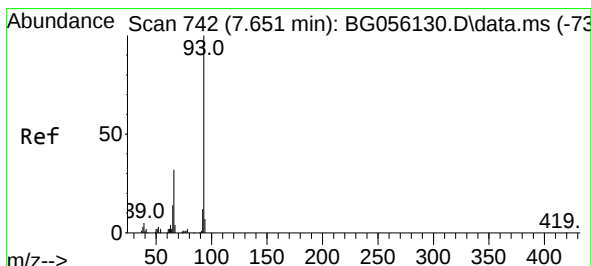
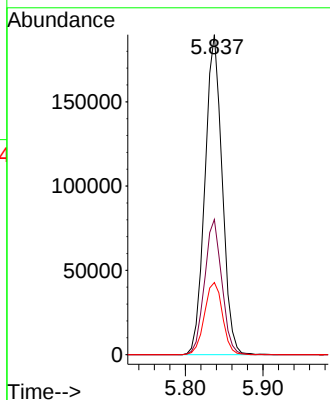
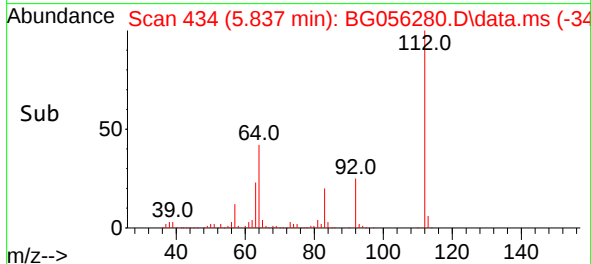
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Tgt Ion:112 Resp: 292869
Ion Ratio Lower Upper
112 100
64 42.2 33.3 49.9
63 22.5 19.0 28.4

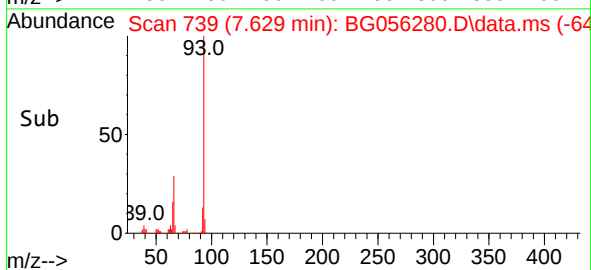
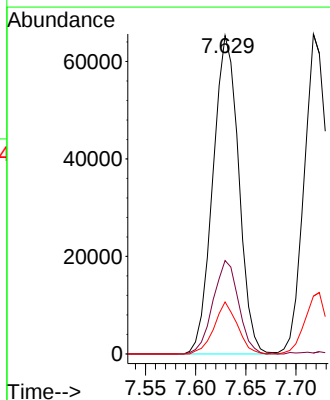
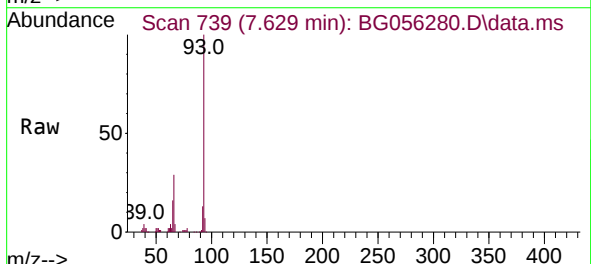
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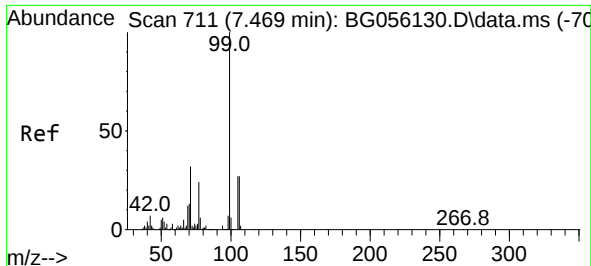
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#6
Aniline
Concen: 27.806 ng
RT: 7.629 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

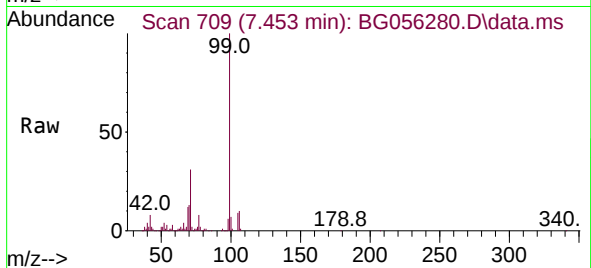
Tgt Ion: 93 Resp: 117080
Ion Ratio Lower Upper
93 100
66 29.3 25.4 38.2
65 16.3 11.4 17.2





#7
Phenol-d6
Concen: 132.896 ng
RT: 7.453 min Scan# 709
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

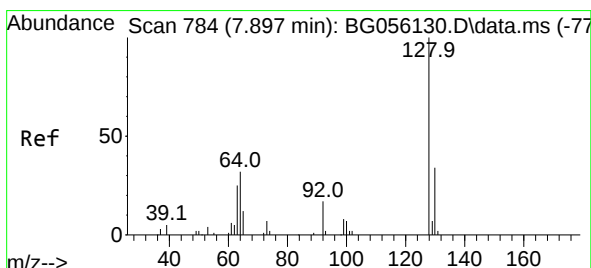
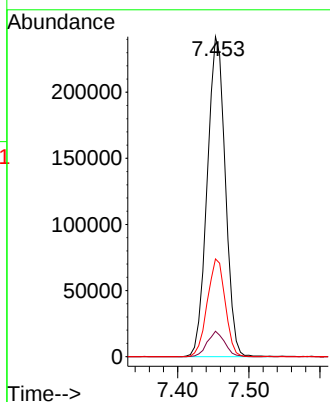
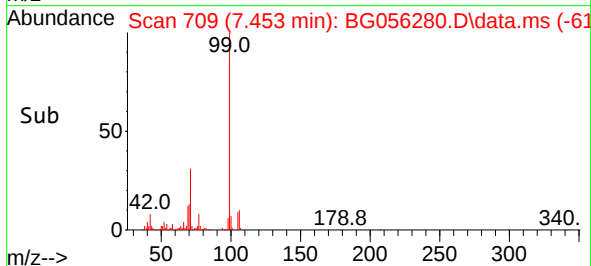
Instrument :
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Tgt Ion: 99 Resp: 426699
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.5 25.4 38.2

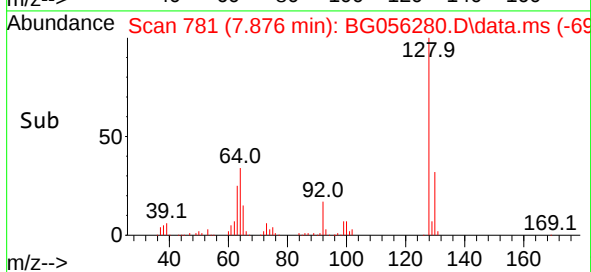
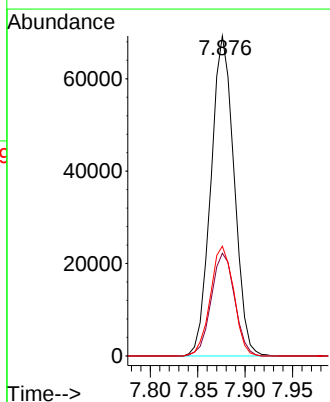
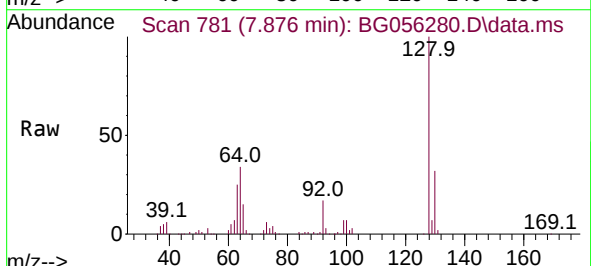
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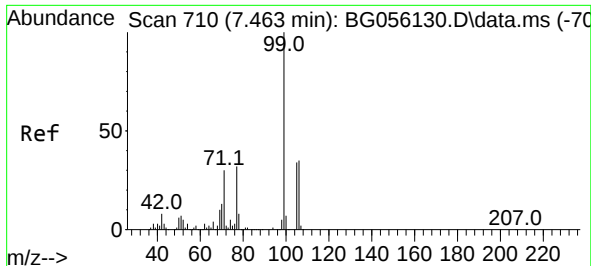
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#8
2-Chlorophenol
Concen: 56.683 ng
RT: 7.876 min Scan# 781
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:128 Resp: 117929
Ion Ratio Lower Upper
128 100
130 32.1 13.5 53.5
64 34.3 18.0 58.0





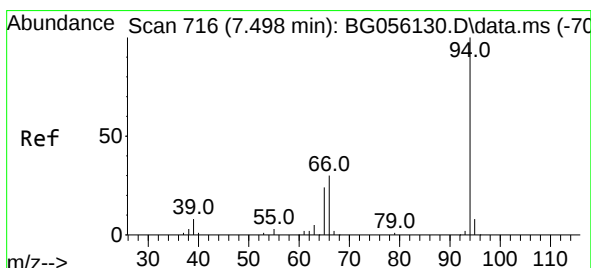
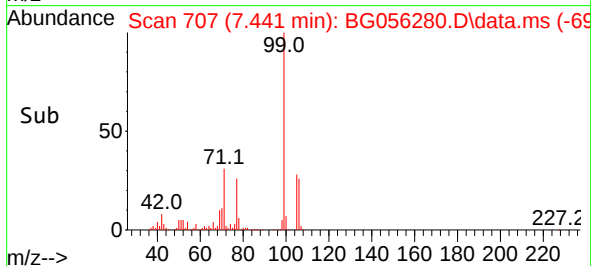
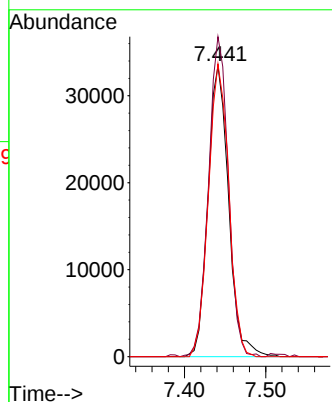
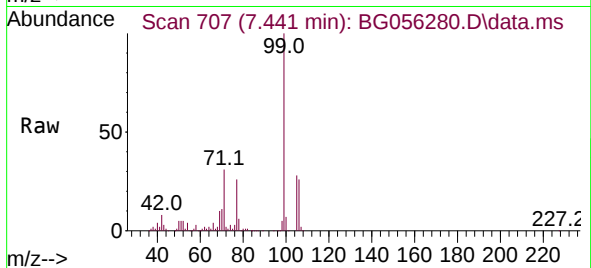
#9
Benzaldehyde
Concen: 30.971 ng
RT: 7.441 min Scan# 707
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD

Tgt Ion: 77 Resp: 5912
Ion Ratio Lower Upper
77 100
105 110.1 86.8 126.8
106 100.6 89.3 129.3

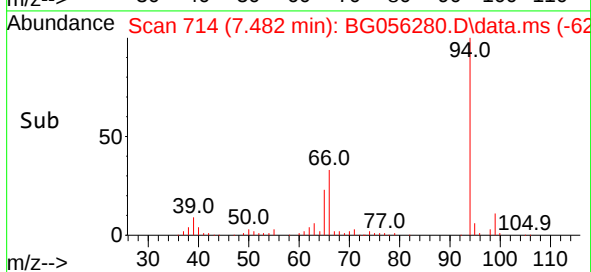
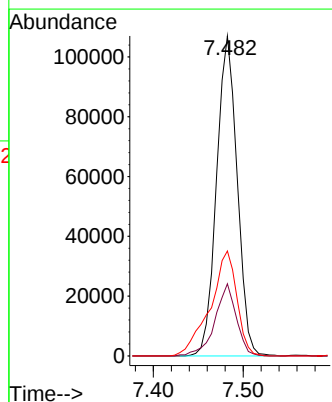
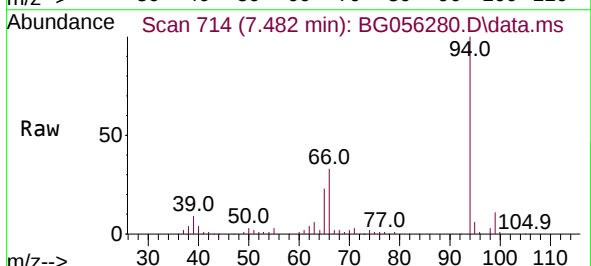
Manual Integrations
APPROVED

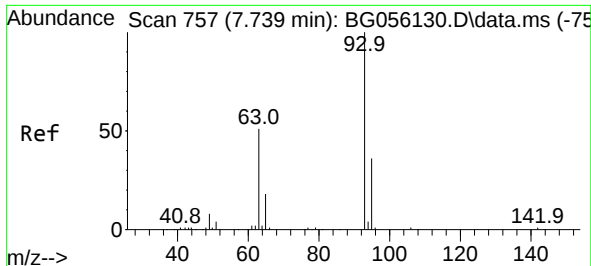
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#10
Phenol
Concen: 52.520 ng
RT: 7.482 min Scan# 714
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion: 94 Resp: 171013
Ion Ratio Lower Upper
94 100
65 22.5 4.3 44.3
66 32.8 13.2 53.2





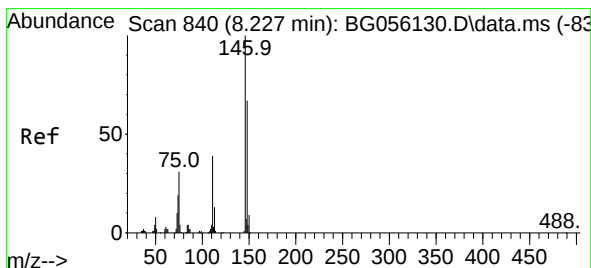
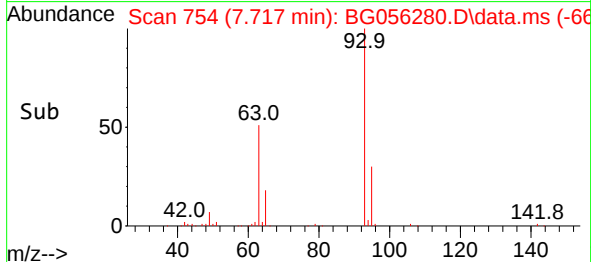
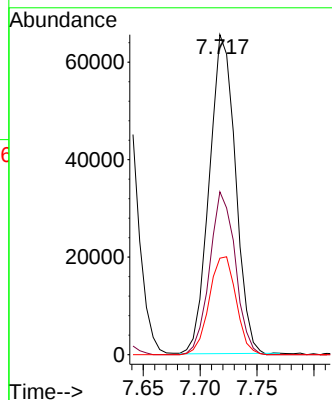
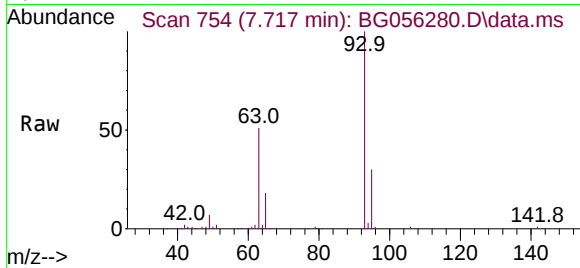
#11
bis(2-Chloroethyl)ether
Concen: 47.426 ng
RT: 7.717 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD

Tgt Ion: 93 Resp: 104652
Ion Ratio Lower Upper
93 100
63 50.9 30.5 70.5
95 30.1 15.9 55.9

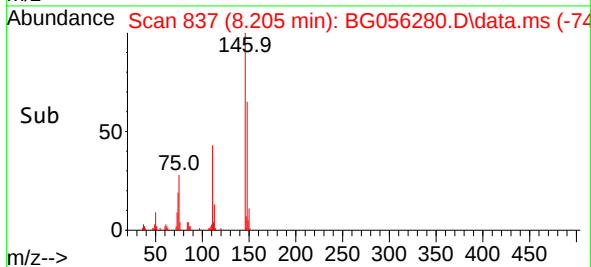
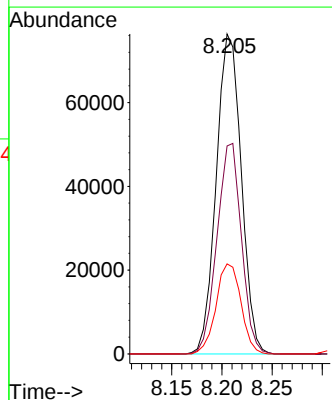
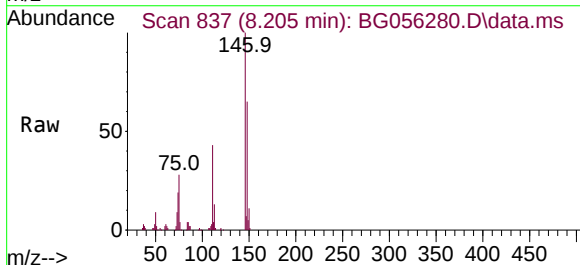
Manual Integrations
APPROVED

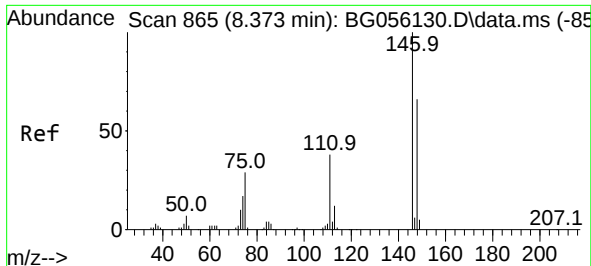
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#12
1,3-Dichlorobenzene
Concen: 52.409 ng
RT: 8.205 min Scan# 837
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

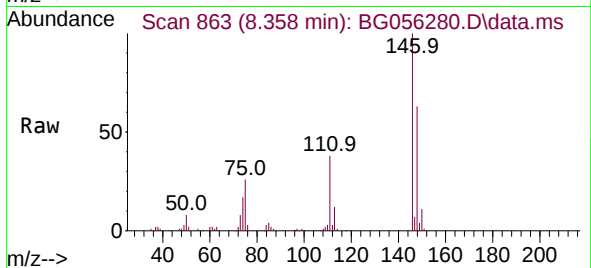
Tgt Ion:146 Resp: 132705
Ion Ratio Lower Upper
146 100
148 65.0 53.5 80.3
75 28.1 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 52.226 ng
RT: 8.358 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

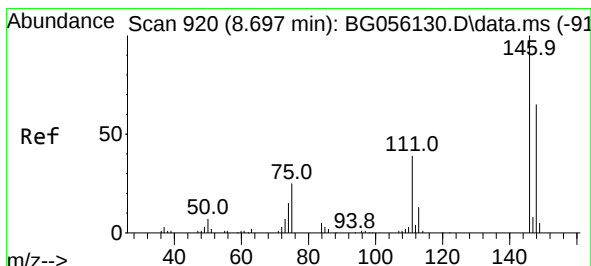
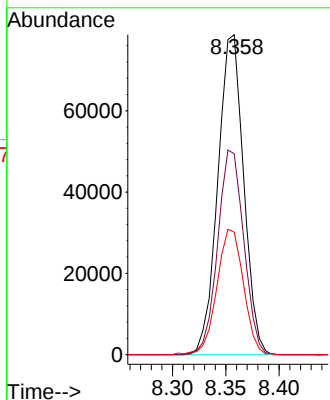
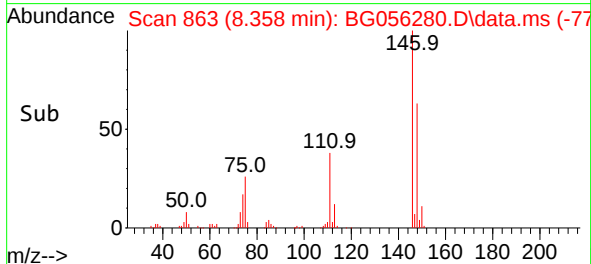
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



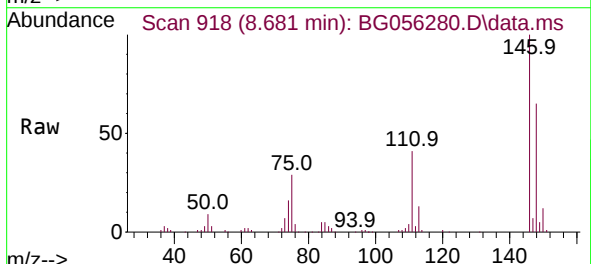
Tgt Ion:146 Resp: 132794
Ion Ratio Lower Upper
146 100
148 62.8 52.8 79.2
111 38.3 30.5 45.7

Manual Integrations
APPROVED

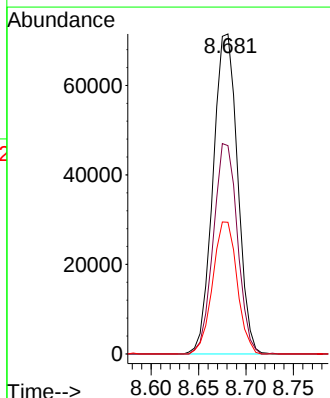
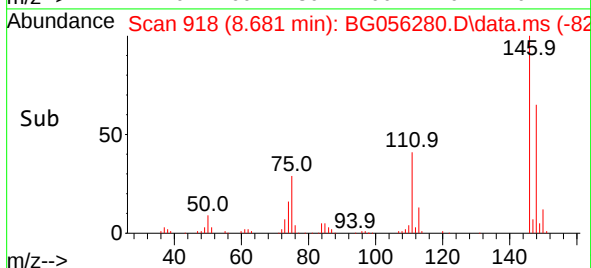
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

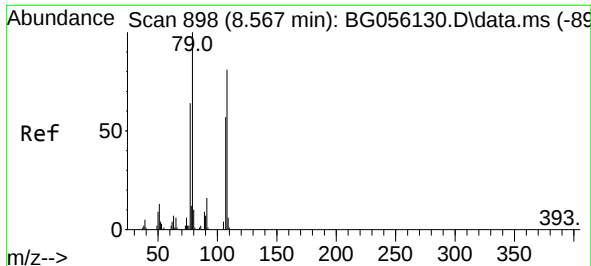


#14
1,2-Dichlorobenzene
Concen: 52.512 ng
RT: 8.681 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



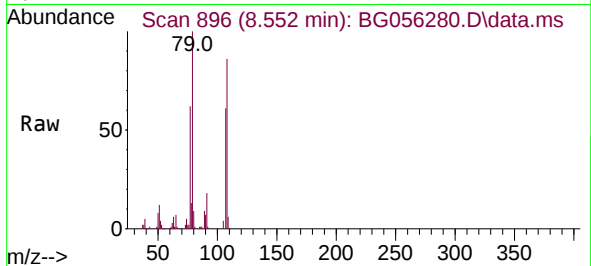
Tgt Ion:146 Resp: 128835
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
111 41.2 31.5 47.3





#15
Benzyl Alcohol
Concen: 47.012 ng
RT: 8.552 min Scan# 898
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

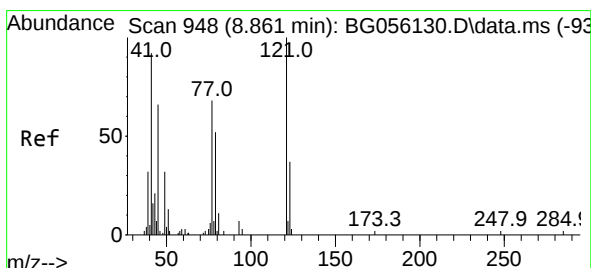
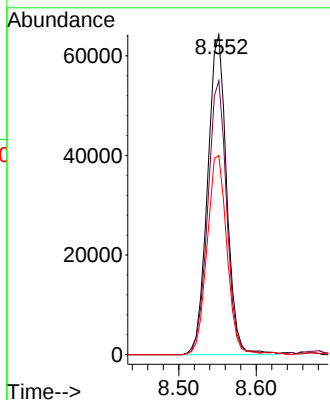
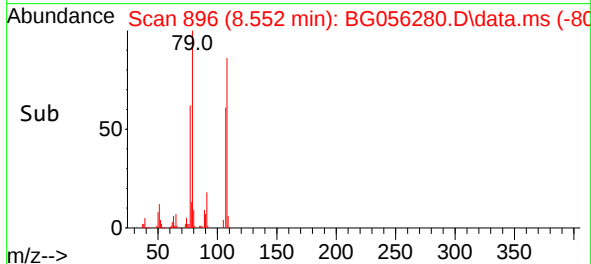
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



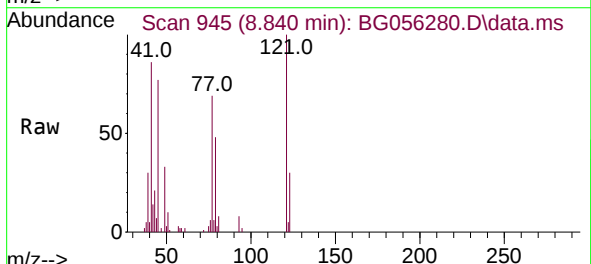
Tgt Ion: 79 Resp: 10985
Ion Ratio Lower Upper
79 100
108 85.6 64.7 97.1
77 62.2 51.5 77.3

Manual Integrations
APPROVED

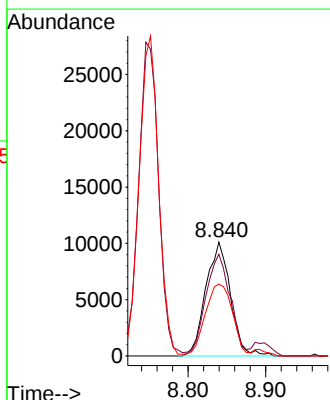
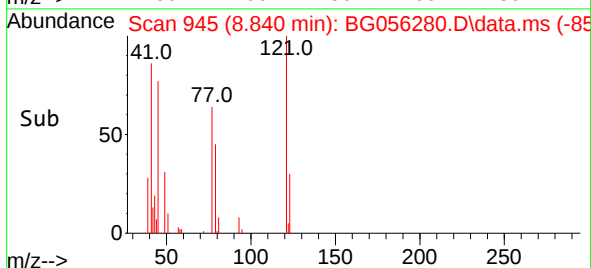
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

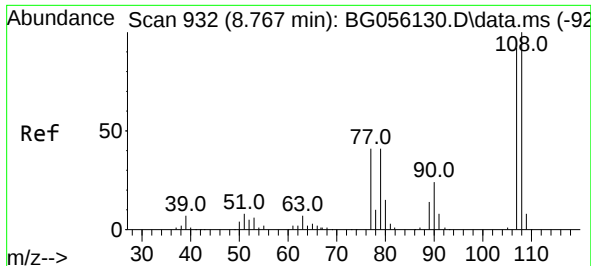


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.191 ng
RT: 8.840 min Scan# 945
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



Tgt Ion: 45 Resp: 22301
Ion Ratio Lower Upper
45 100
77 89.4 88.2 128.2
79 63.1 61.2 101.2





#17
2-Methylphenol
Concen: 49.023 ng
RT: 8.751 min Scan# 932
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

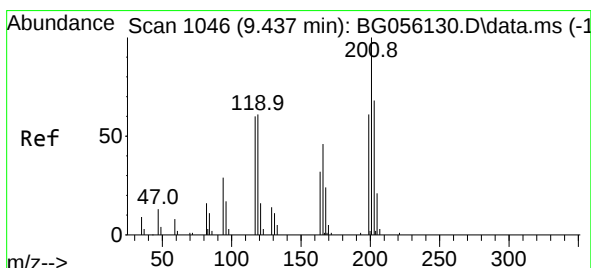
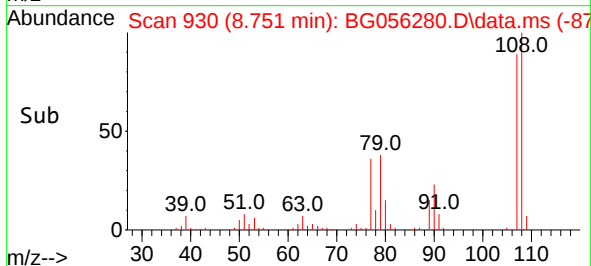
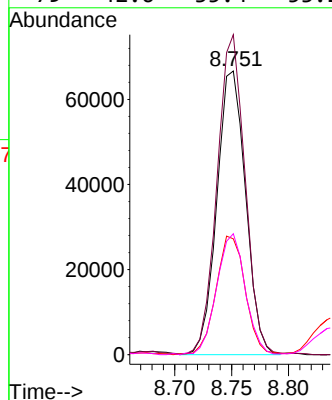
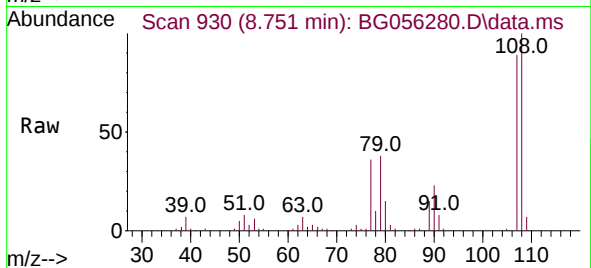
VNJ-207MSD

Tgt Ion:107 Resp: 117130
Ion Ratio Lower Upper
107 100
108 112.8 86.6 129.8
77 40.8 35.4 53.2
79 42.6 35.4 53.2

Manual Integrations

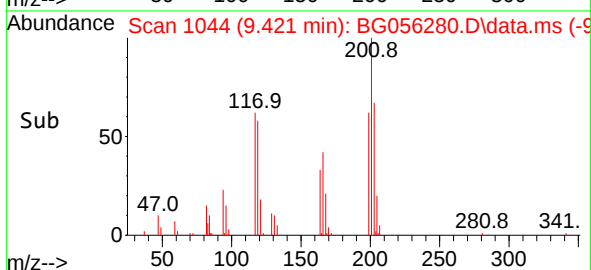
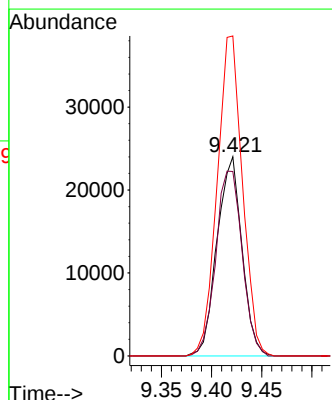
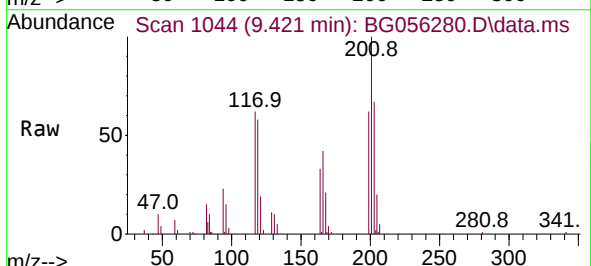
APPROVED

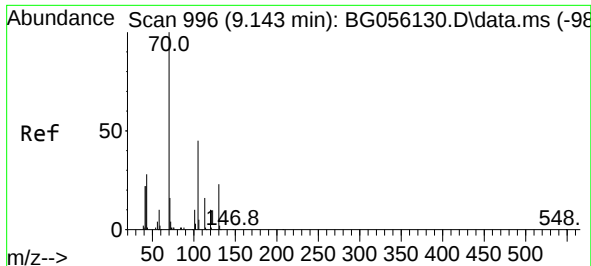
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#18
Hexachloroethane
Concen: 53.801 ng
RT: 9.421 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

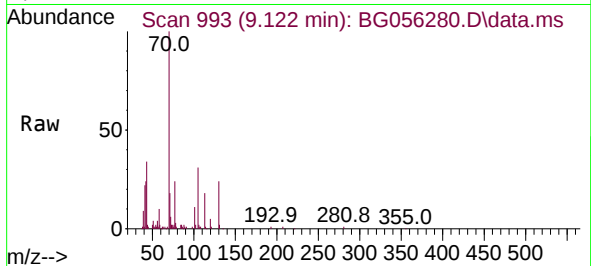
Tgt Ion:117 Resp: 41558
Ion Ratio Lower Upper
117 100
119 92.6 81.8 122.6
201 160.6 134.2 201.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.237 ng
RT: 9.122 min Scan# 996
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

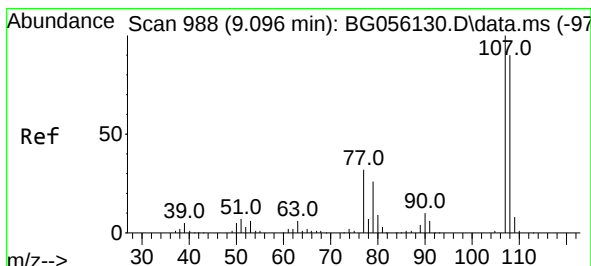
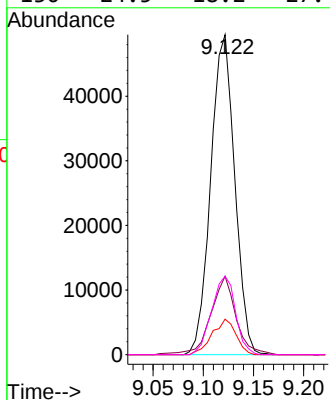
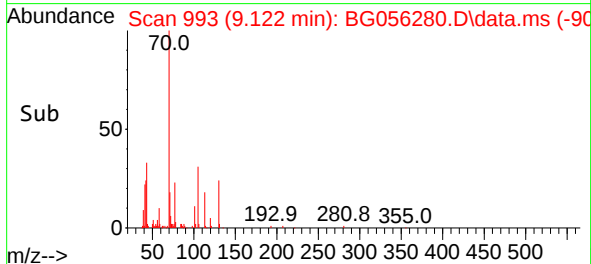
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



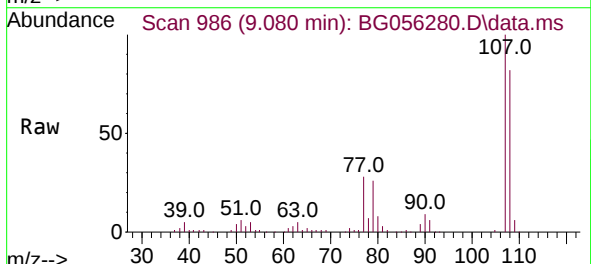
Tgt Ion: 70 Resp: 82464
Ion Ratio Lower Upper
70 100
42 24.5 18.2 27.2
101 11.1 8.3 12.5
130 24.5 18.2 27.4

Manual Integrations
APPROVED

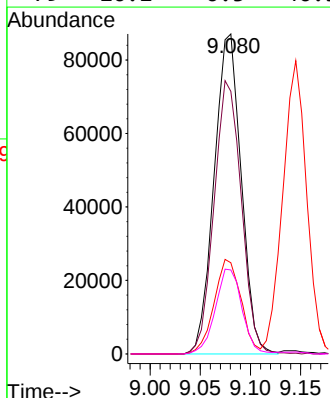
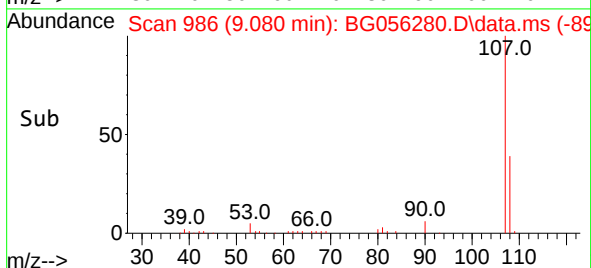
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

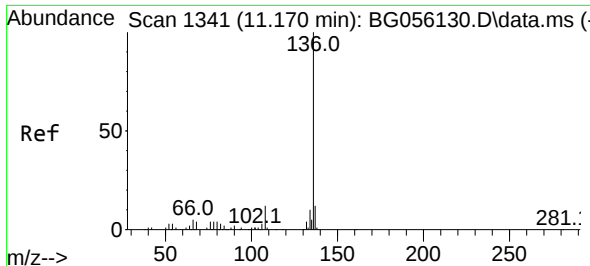


#20
3+4-Methylphenols
Concen: 48.685 ng
RT: 9.080 min Scan# 986
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



Tgt Ion:107 Resp: 163544
Ion Ratio Lower Upper
107 100
108 82.0 69.6 109.6
77 28.5 11.7 51.7
79 26.2 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

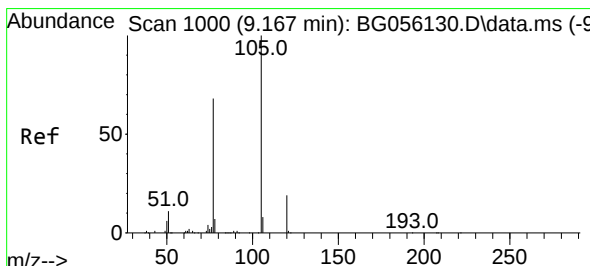
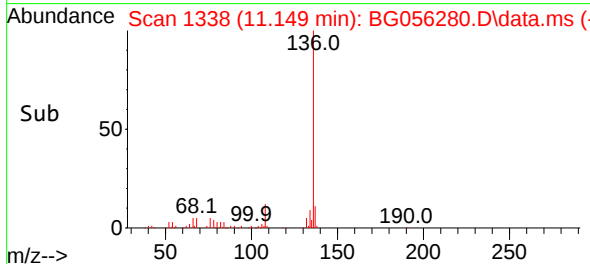
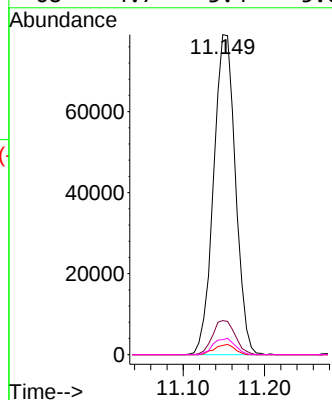
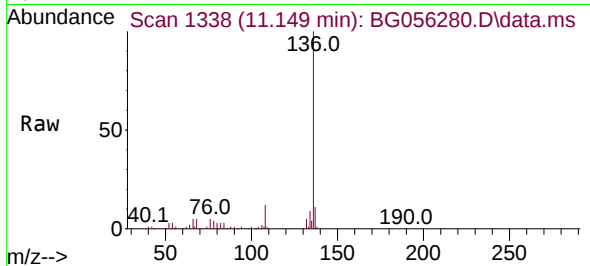
VNJ-207MSD

Tgt Ion:136 Resp: 147605
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 2.9 2.2 3.2
68 4.7 3.4 5.0

Manual Integrations

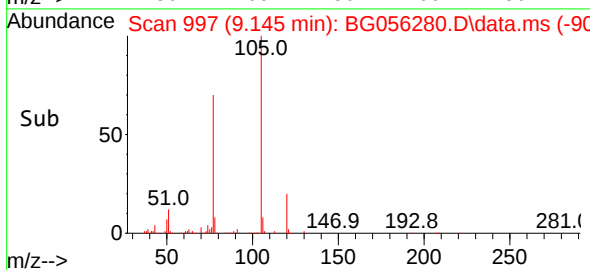
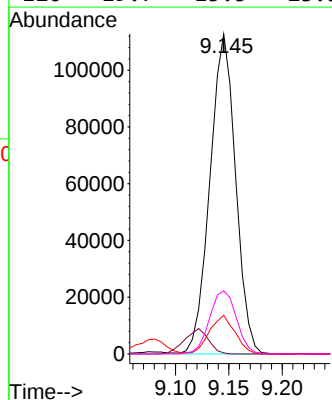
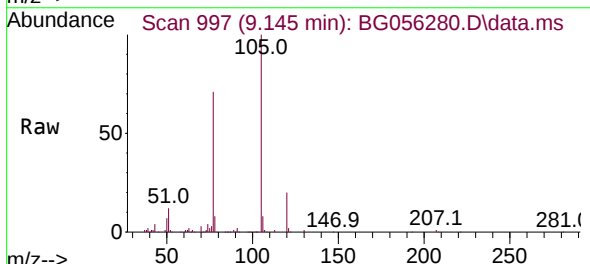
APPROVED

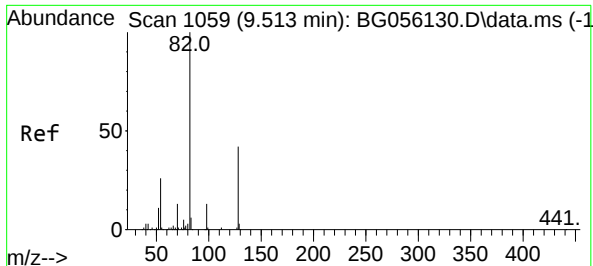
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#22
Acetophenone
Concen: 45.176 ng
RT: 9.145 min Scan# 997
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:105 Resp: 188546
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 12.1 9.3 13.9
120 19.7 15.5 23.3





#23

Nitrobenzene-d5

Concen: 77.541 ng

RT: 9.492 min Scan# 1056

Delta R.T. -0.000 min

Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

VNJ-207MSD

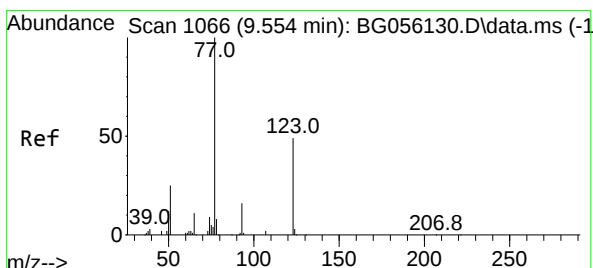
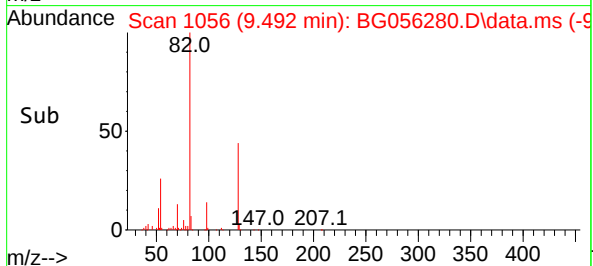
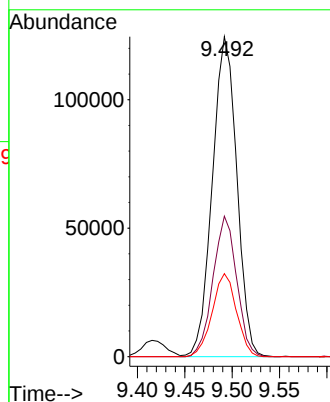
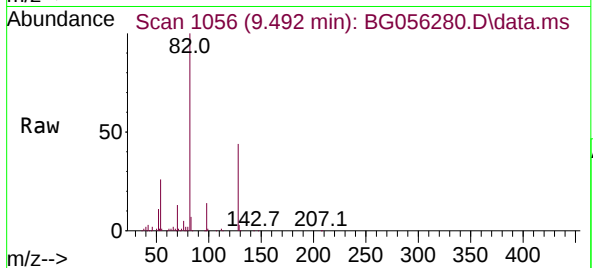
Tgt Ion: 82 Resp: 223756

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.4	50.2
54	25.9	20.3	30.5

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 45.215 ng

RT: 9.533 min Scan# 1063

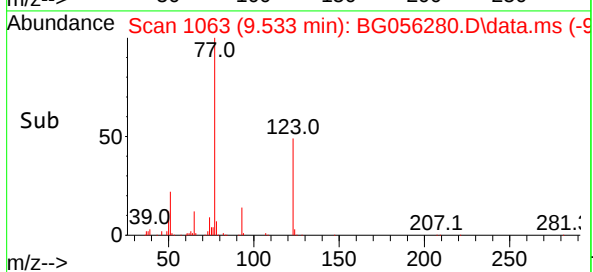
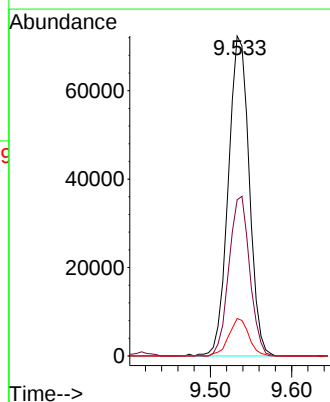
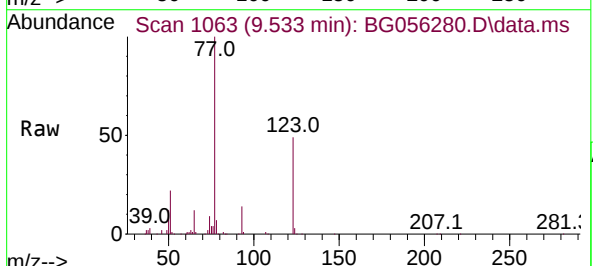
Delta R.T. -0.000 min

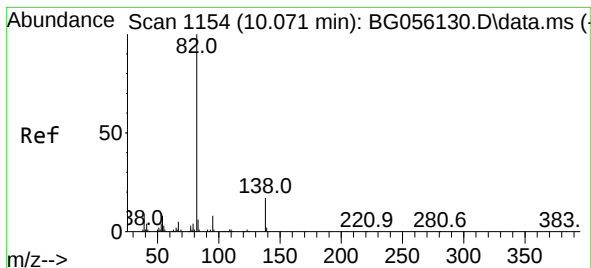
Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Tgt Ion: 77 Resp: 129302

Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.8	58.2
65	11.7	9.1	13.7





#25

Isophorone

Concen: 41.778 ng

RT: 10.056 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

VNJ-207MSD

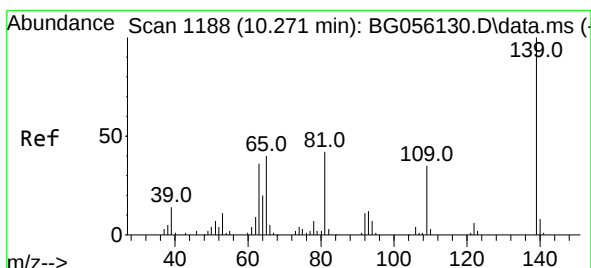
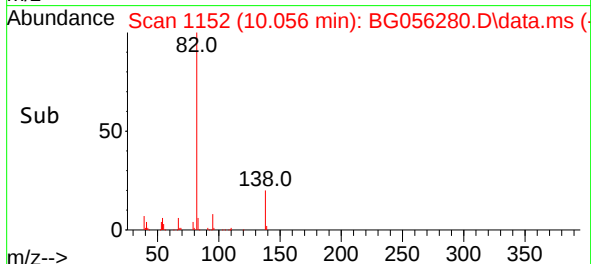
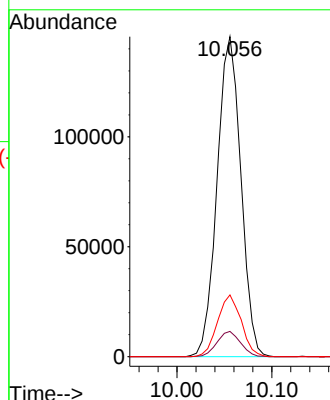
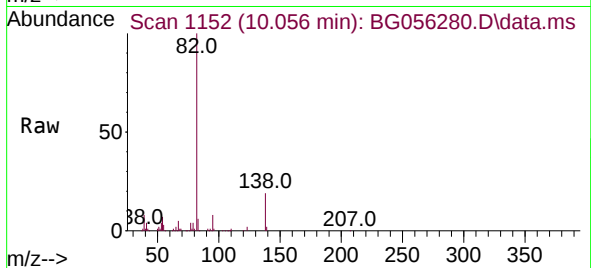
Tgt Ion: 82 Resp: 25365

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.7	10.1
138	19.3	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: 49.490 ng

RT: 10.256 min Scan# 1186

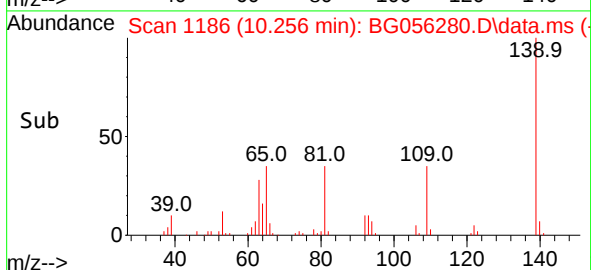
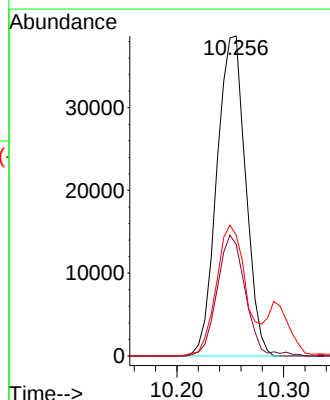
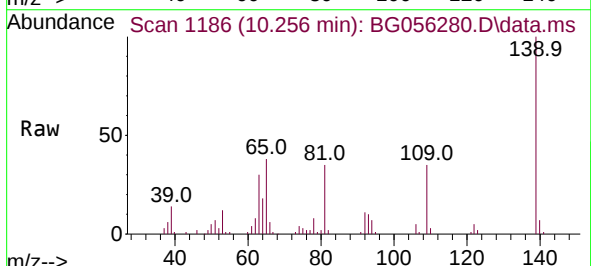
Delta R.T. 0.006 min

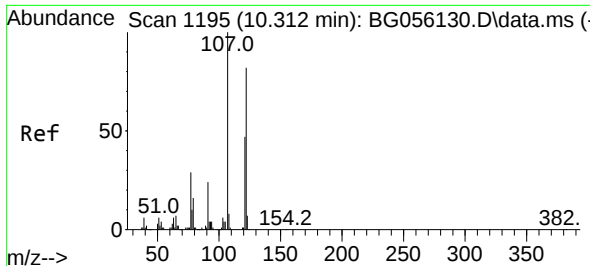
Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Tgt Ion:139 Resp: 72411

Ion	Ratio	Lower	Upper
139	100		
109	34.8	28.4	42.6
65	37.8	32.1	48.1





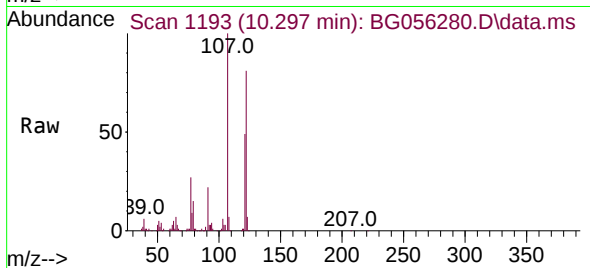
#27
2,4-Dimethylphenol
Concen: 49.924 ng
RT: 10.297 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

VNJ-207MSD

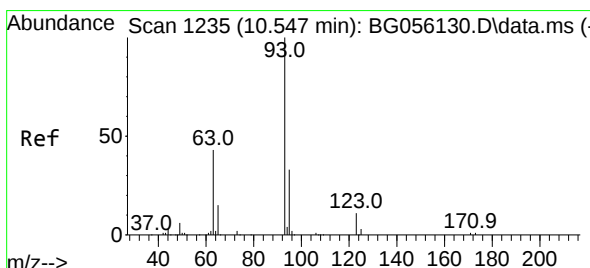
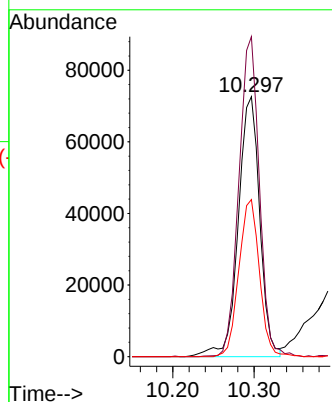
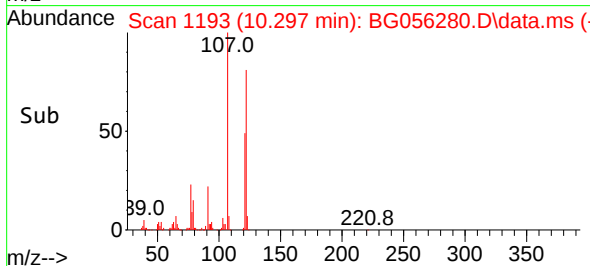


Tgt Ion:122 Resp: 133231
Ion Ratio Lower Upper
122 100
107 123.1 97.5 146.3
121 60.4 45.9 68.9

Manual Integrations

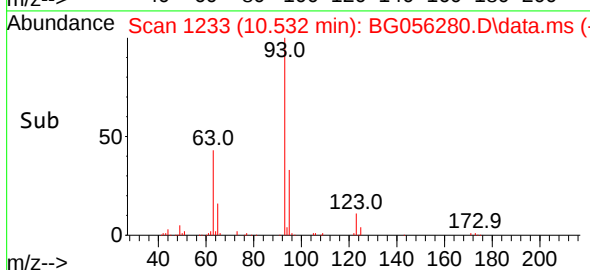
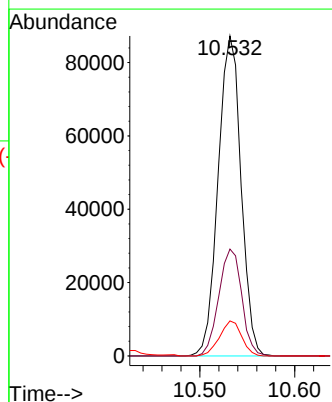
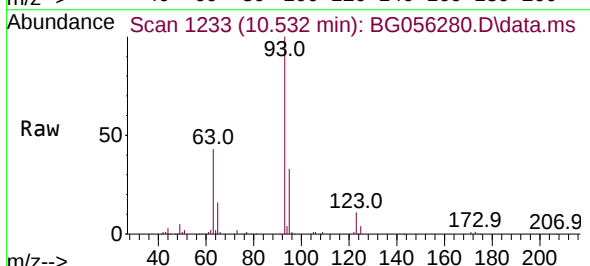
APPROVED

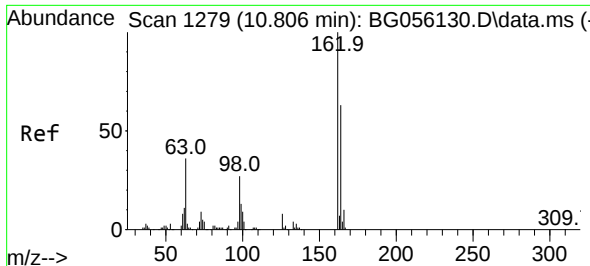
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.354 ng
RT: 10.532 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

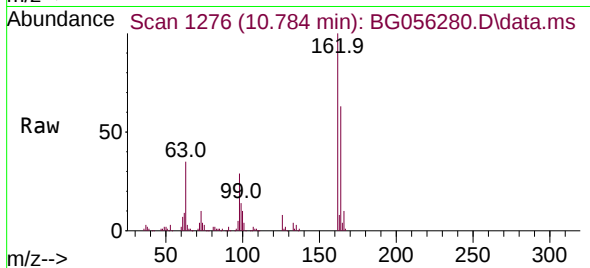
Tgt Ion: 93 Resp: 146273
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.2
123 10.9 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 52.019 ng
RT: 10.784 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

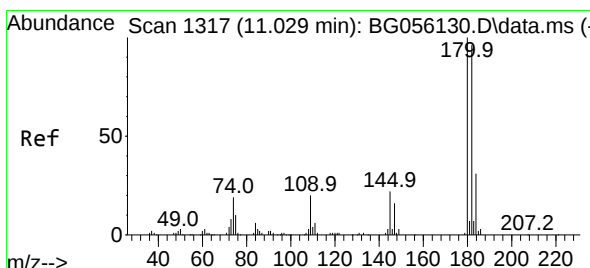
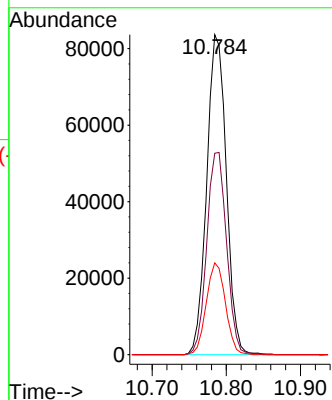
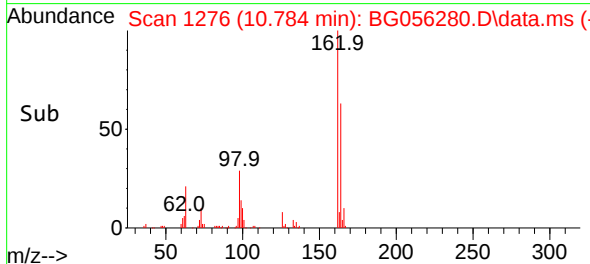
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



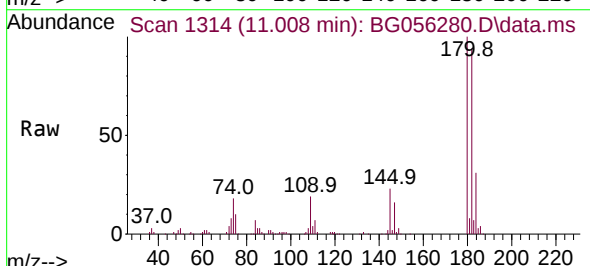
Tgt Ion:162 Resp: 153475
Ion Ratio Lower Upper
162 100
164 62.9 43.3 83.3
98 28.7 6.8 46.8

Manual Integrations
APPROVED

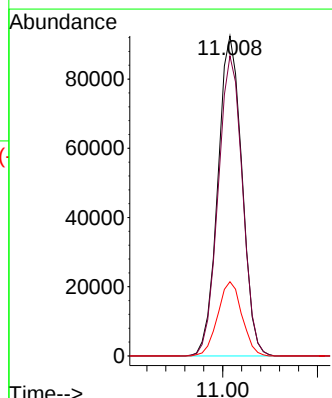
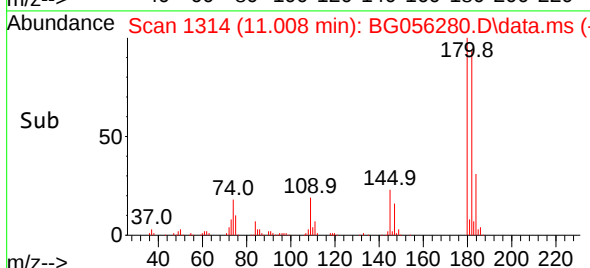
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

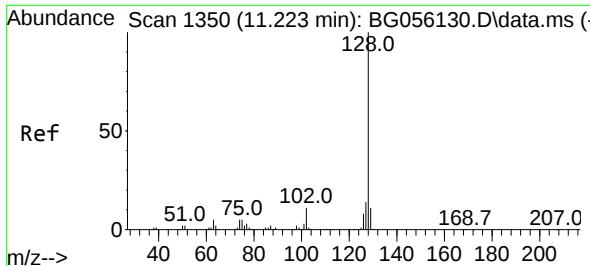


#30
1,2,4-Trichlorobenzene
Concen: 48.676 ng
RT: 11.008 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



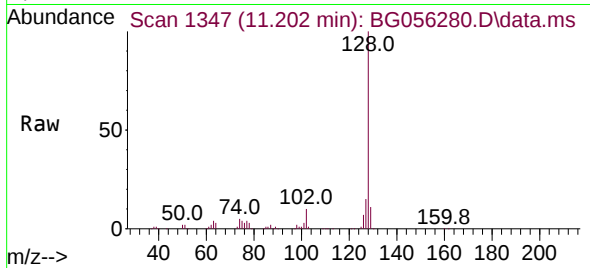
Tgt Ion:180 Resp: 162971
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 23.2 17.4 26.2





#31
Naphthalene
Concen: 46.779 ng
RT: 11.202 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

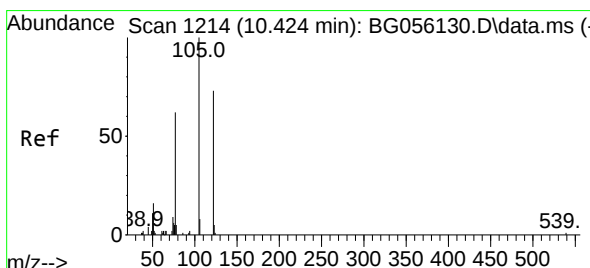
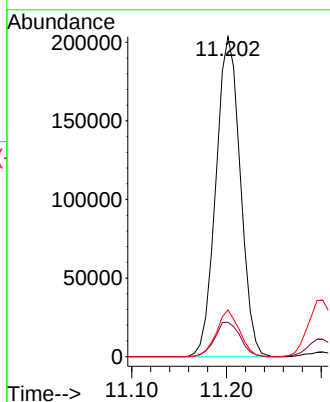
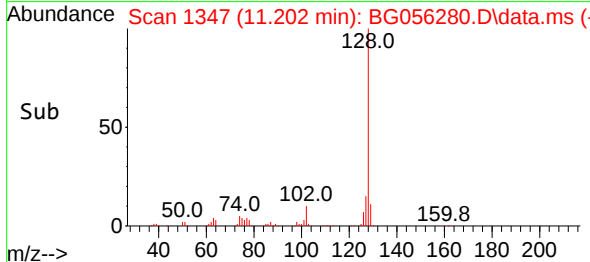
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:128 Resp: 363394
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 14.6 11.2 16.8

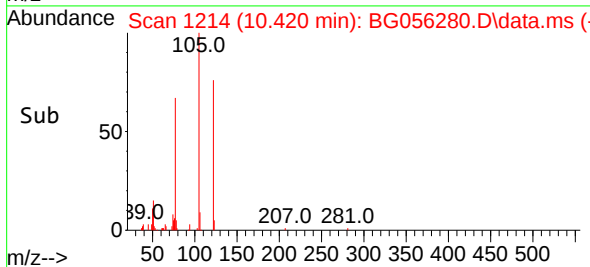
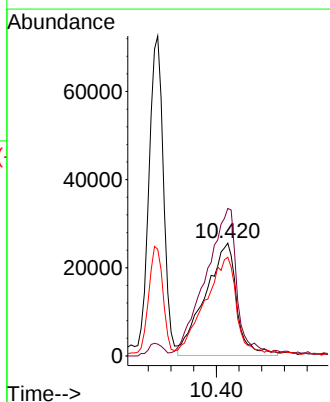
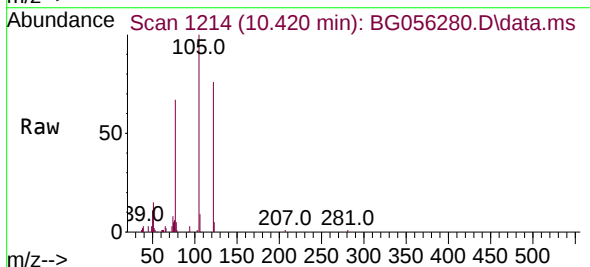
Manual Integrations
APPROVED

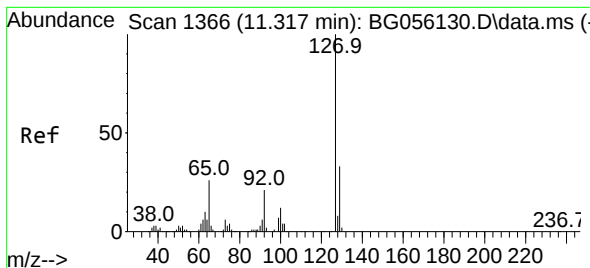
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#32
Benzoic acid
Concen: 49.795 ng m
RT: 10.420 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:122 Resp: 98598
Ion Ratio Lower Upper
122 100
105 130.9 109.0 149.0
77 87.6 63.1 103.1





#33
4-Chloroaniline
Concen: 18.276 ng
RT: 11.301 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

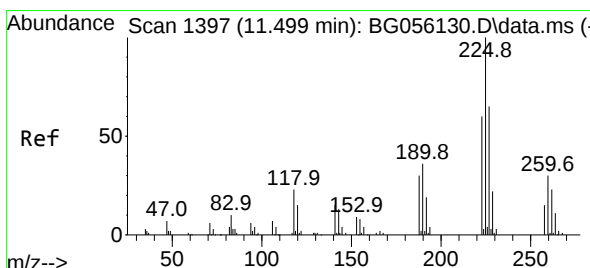
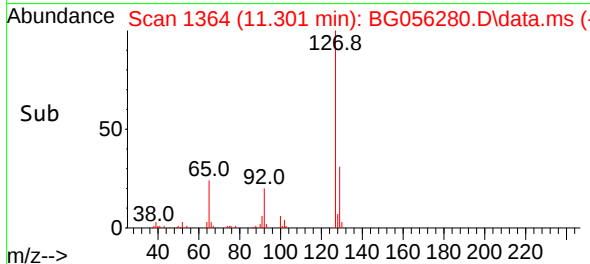
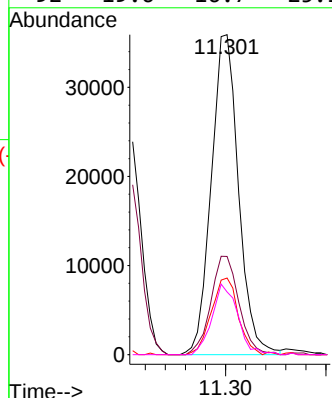
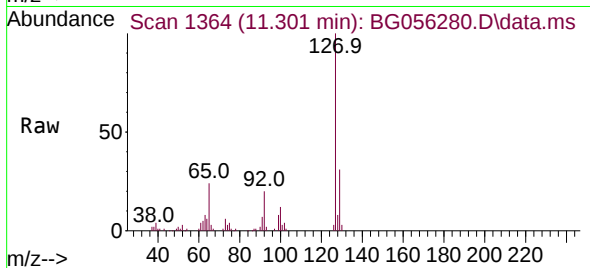
VNJ-207MSD

Tgt Ion:	127	Resp:	67784
Ion Ratio	Lower	Upper	
127	100		
129	30.7	26.1	39.1
65	23.9	20.9	31.3
92	19.6	16.7	25.1

Manual Integrations

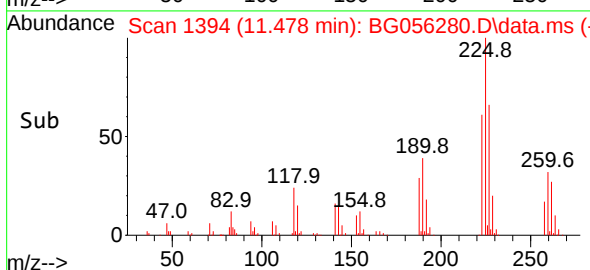
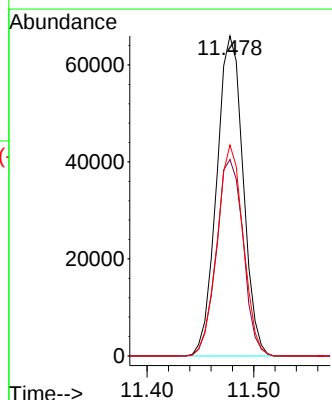
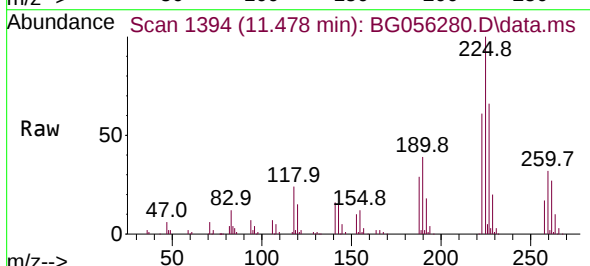
APPROVED

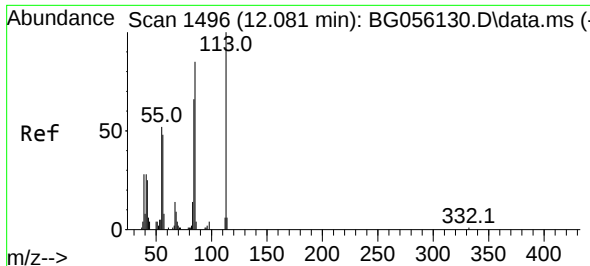
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#34
Hexachlorobutadiene
Concen: 47.191 ng
RT: 11.478 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

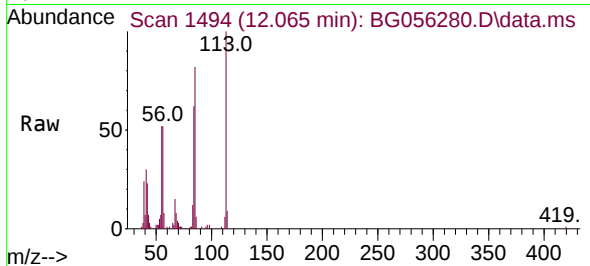
Tgt Ion:	225	Resp:	113638
Ion Ratio	Lower	Upper	
225	100		
223	61.4	47.7	71.5
227	68.9	52.3	78.5





#35
Caprolactam
Concen: 49.264 ng m
RT: 12.065 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

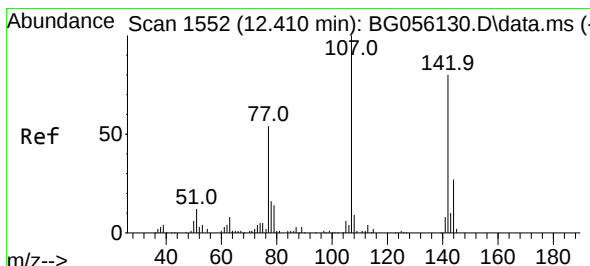
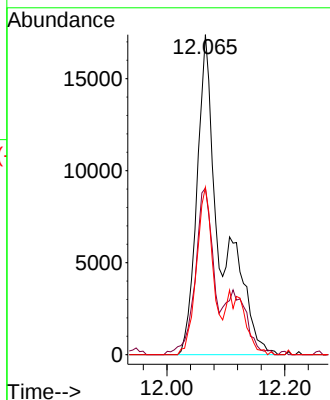
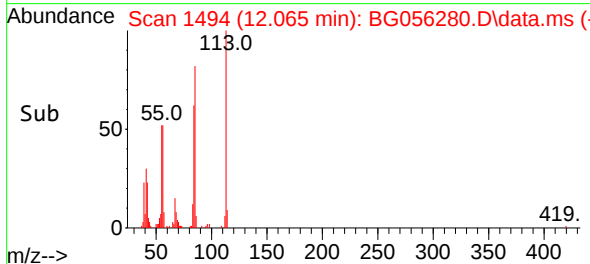
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:113 Resp: 49210
Ion Ratio Lower Upper
113 100
55 52.0 31.9 71.9
56 52.3 27.6 67.6

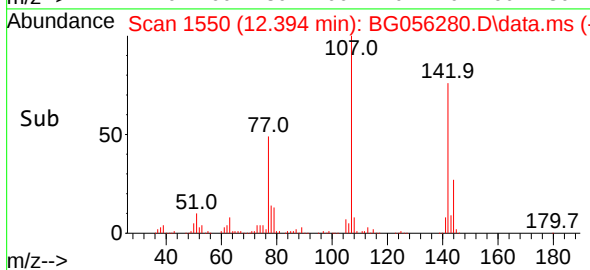
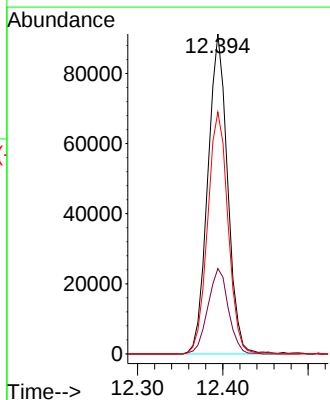
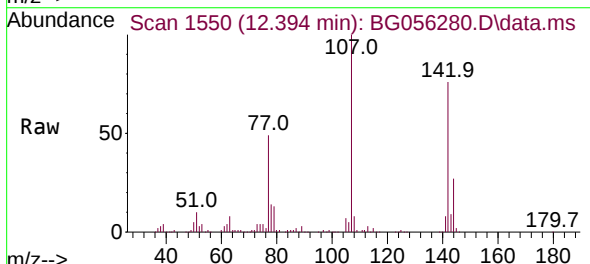
Manual Integrations
APPROVED

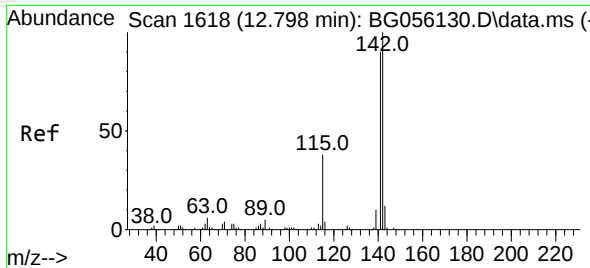
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#36
4-Chloro-3-methylphenol
Concen: 49.090 ng
RT: 12.394 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:107 Resp: 146964
Ion Ratio Lower Upper
107 100
144 26.7 21.5 32.3
142 75.6 63.8 95.6





#37
2-Methylnaphthalene
Concen: 44.050 ng
RT: 12.782 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

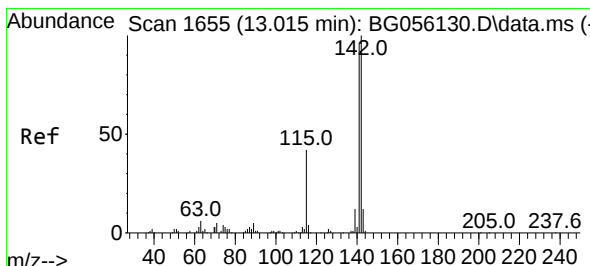
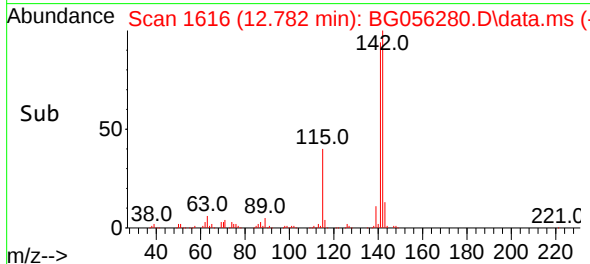
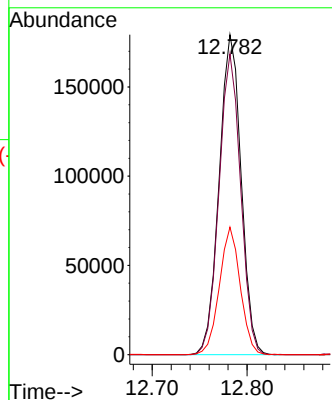
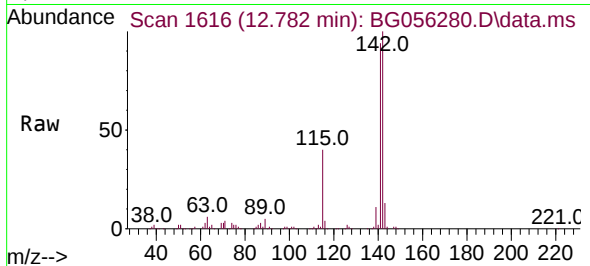
VNJ-207MSD

Tgt Ion:142 Resp: 288936
Ion Ratio Lower Upper
142 100
141 94.0 72.2 108.4
115 39.8 30.7 46.1

Manual Integrations

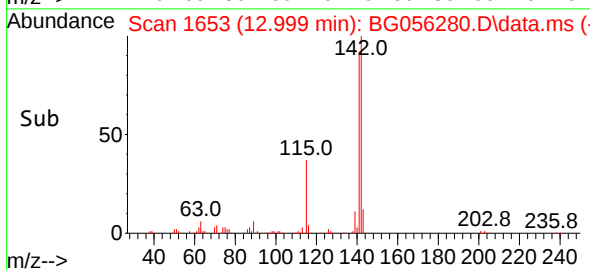
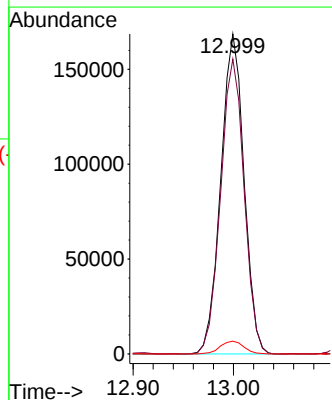
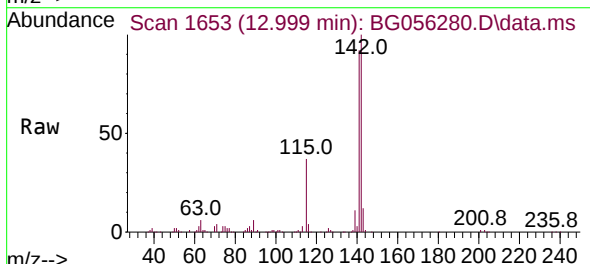
APPROVED

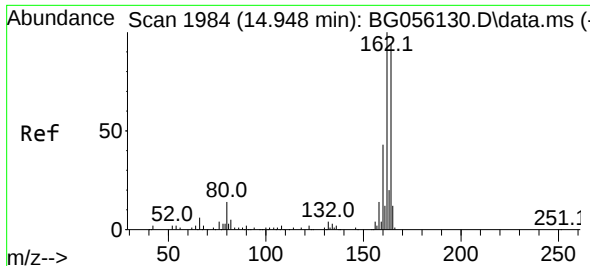
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#38
1-Methylnaphthalene
Concen: 44.588 ng
RT: 12.999 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

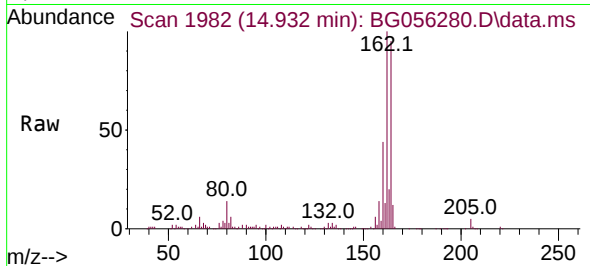
Tgt Ion:142 Resp: 271589
Ion Ratio Lower Upper
142 100
141 92.1 77.0 115.6
116 4.0 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.932 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

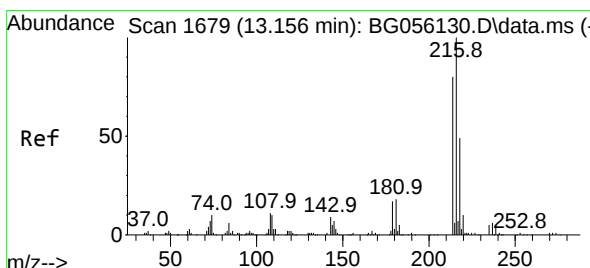
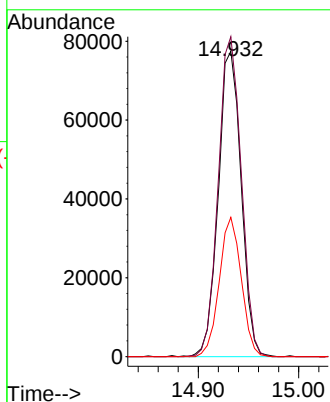
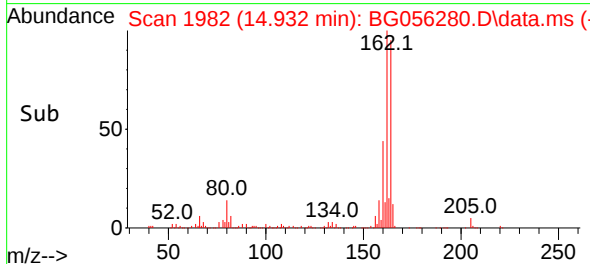
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



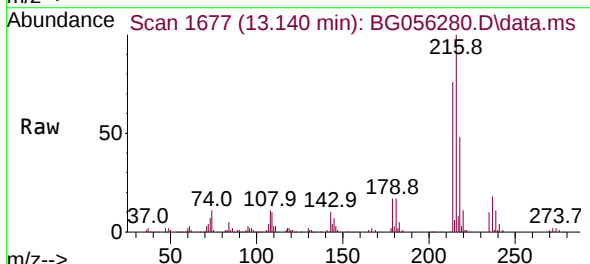
Tgt Ion:164 Resp: 123032
Ion Ratio Lower Upper
164 100
162 104.8 84.7 127.1
160 45.6 36.3 54.5

Manual Integrations
APPROVED

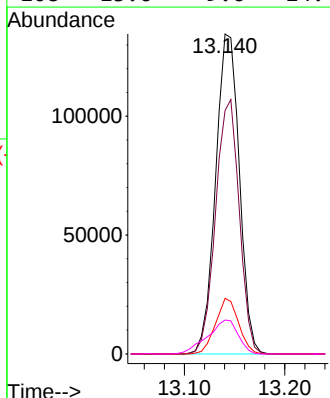
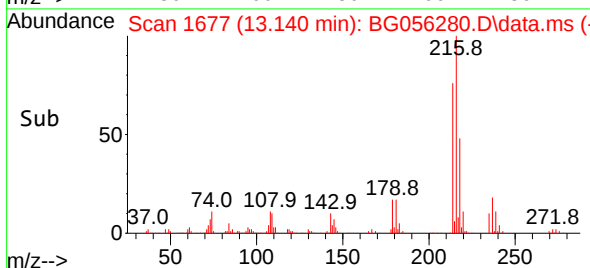
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

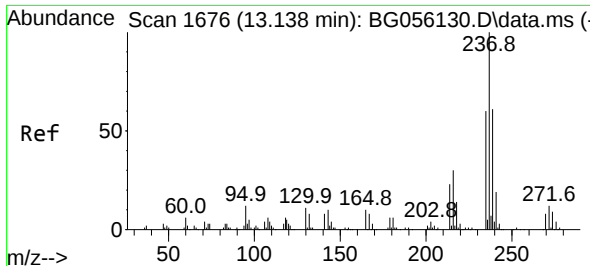


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.038 ng
RT: 13.140 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



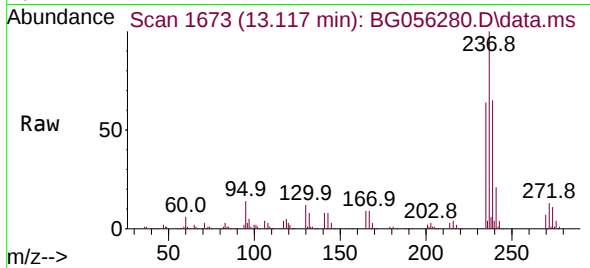
Tgt Ion:216 Resp: 221514
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 16.8 13.6 20.4
108 13.6 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 113.420 ng
RT: 13.117 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

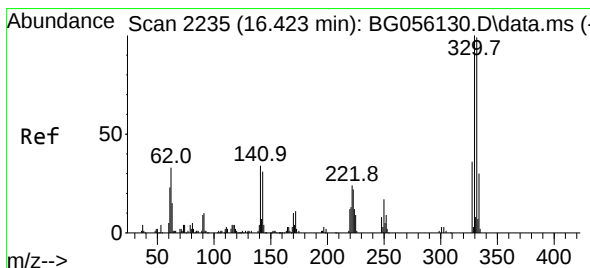
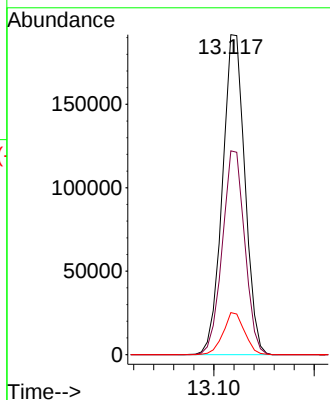
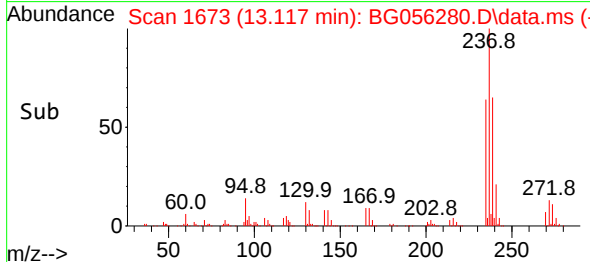
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:237 Resp: 298176
Ion Ratio Lower Upper
237 100
235 63.7 40.3 80.3
272 13.1 0.0 32.5

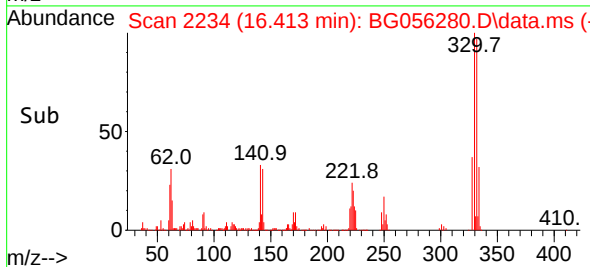
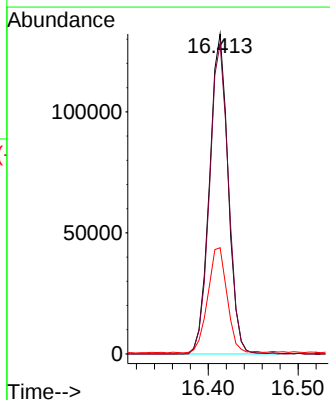
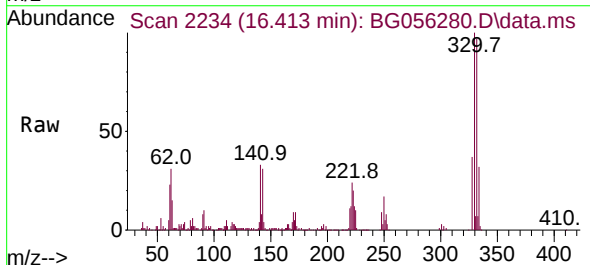
Manual Integrations
APPROVED

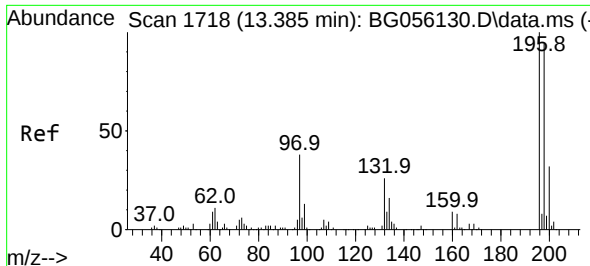
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#42
2,4,6-Tribromophenol
Concen: 122.405 ng
RT: 16.413 min Scan# 2234
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:330 Resp: 190729
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 34.1 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 50.752 ng
RT: 13.370 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

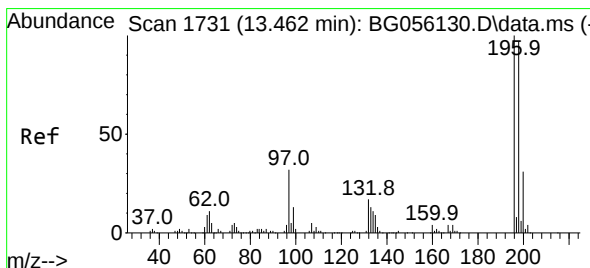
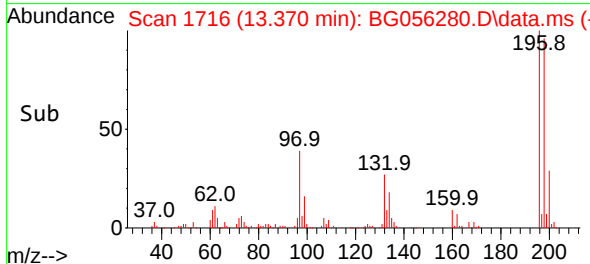
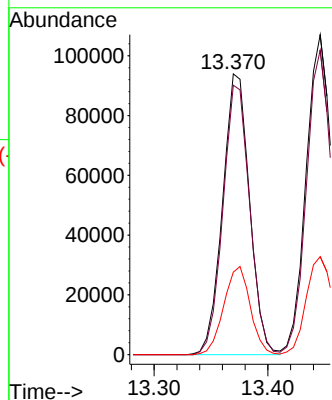
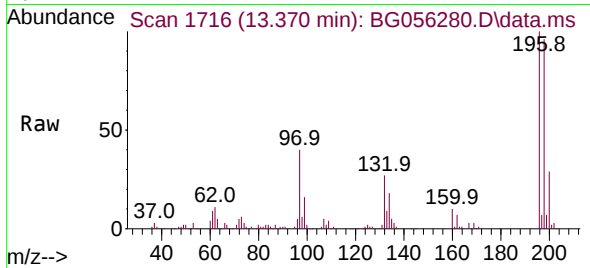
ClientSampleId :

VNJ-207MSD

Tgt Ion:196 Resp: 15475
Ion Ratio Lower Upper
196 100
198 96.0 75.5 113.3
200 29.4 25.7 38.5

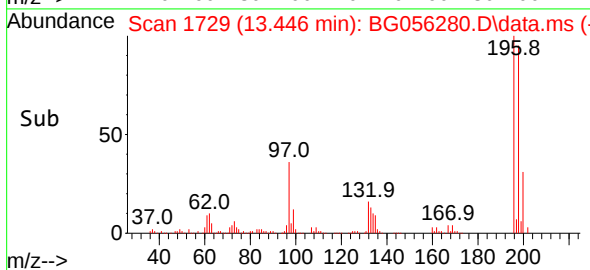
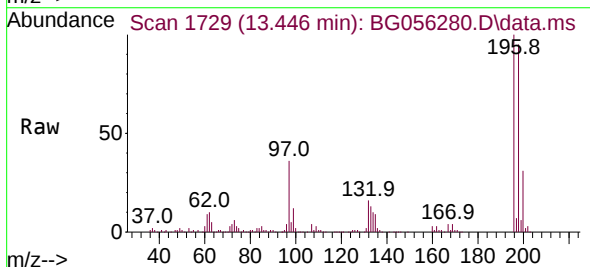
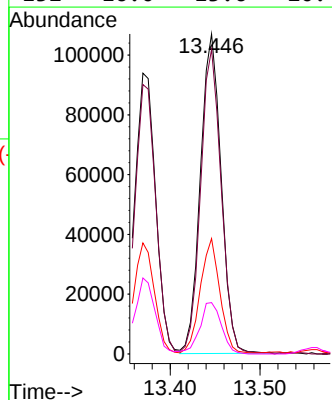
Manual Integrations
APPROVED

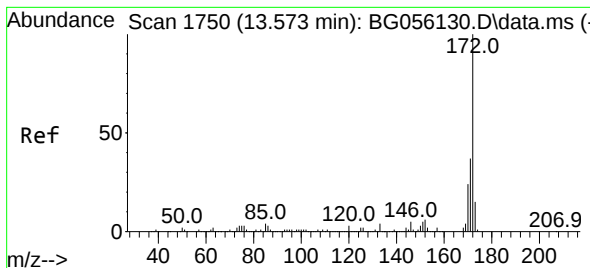
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#44
2,4,5-Trichlorophenol
Concen: 47.494 ng
RT: 13.446 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

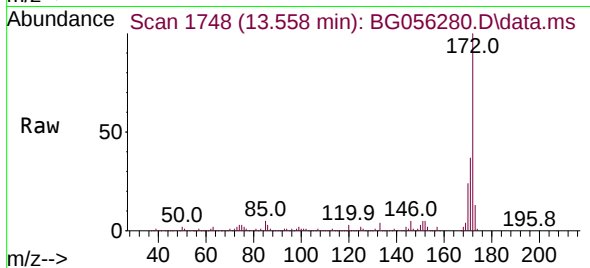
Tgt Ion:196 Resp: 171305
Ion Ratio Lower Upper
196 100
198 95.2 78.0 117.0
97 36.0 25.7 38.5
132 16.0 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 82.647 ng
RT: 13.558 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

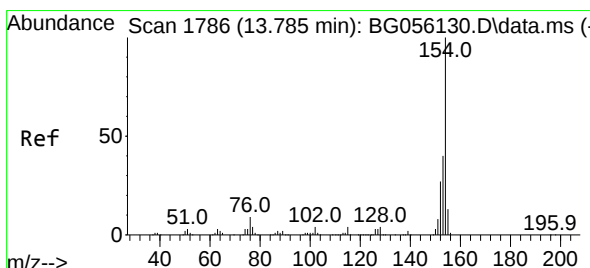
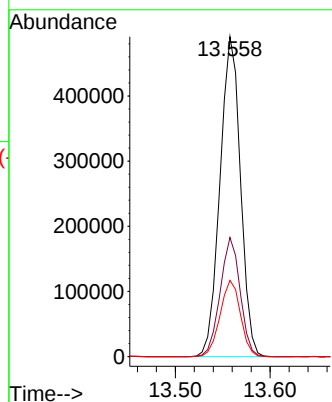
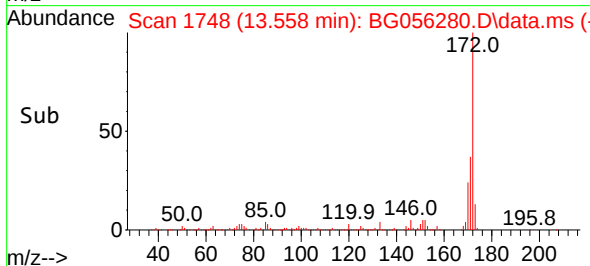
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



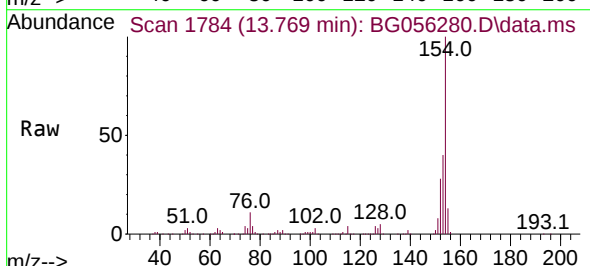
Tgt Ion:172 Resp: 736350
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 23.8 19.4 29.2

Manual Integrations
APPROVED

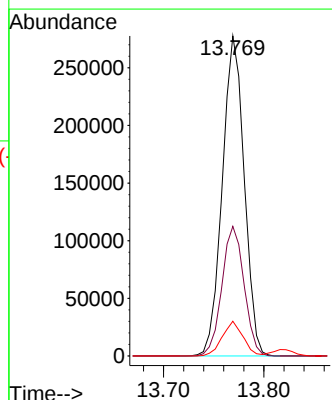
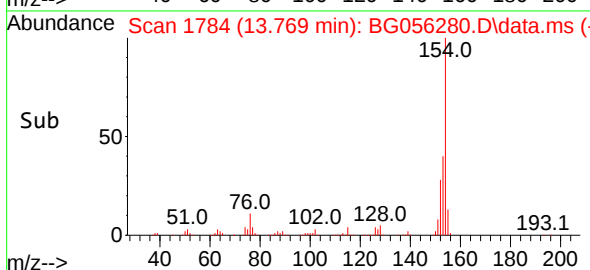
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

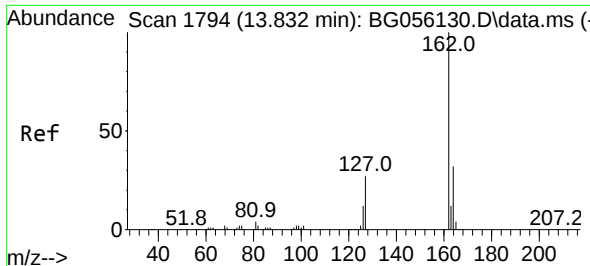


#46
1,1'-Biphenyl
Concen: 47.876 ng
RT: 13.769 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



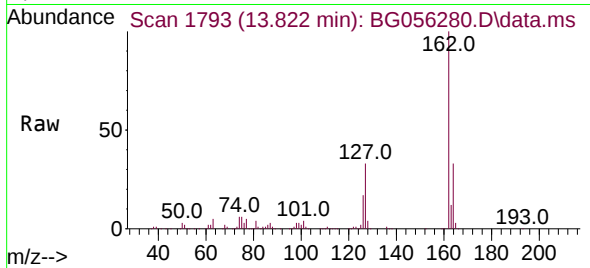
Tgt Ion:154 Resp: 421847
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 10.8 0.0 29.3





#47
2-Chloronaphthalene
Concen: 48.807 ng
RT: 13.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

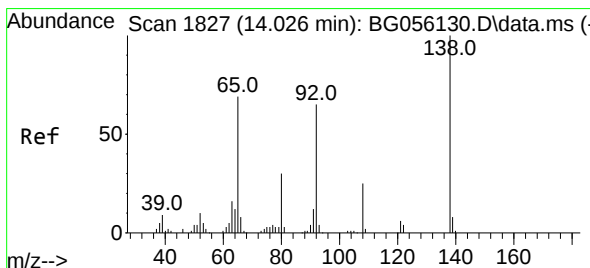
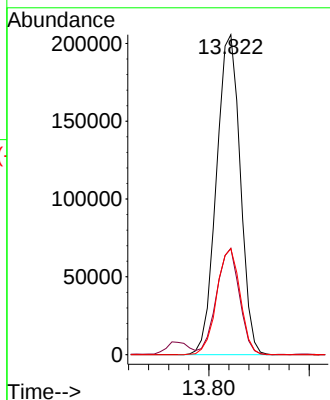
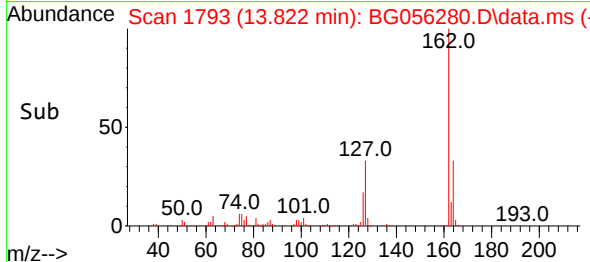
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:162 Resp: 33944
Ion Ratio Lower Upper
162 100
127 33.2 24.6 36.8
164 33.1 25.8 38.8

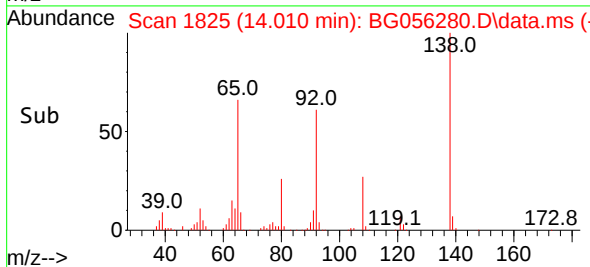
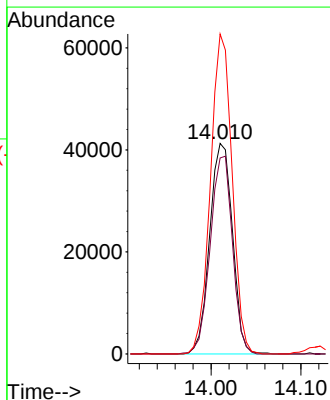
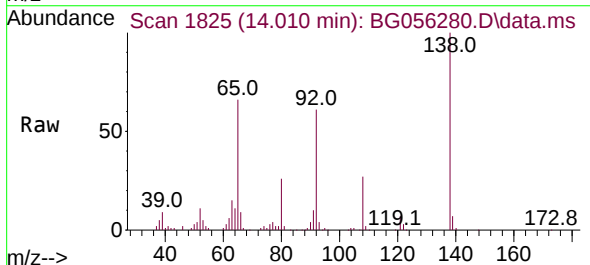
Manual Integrations
APPROVED

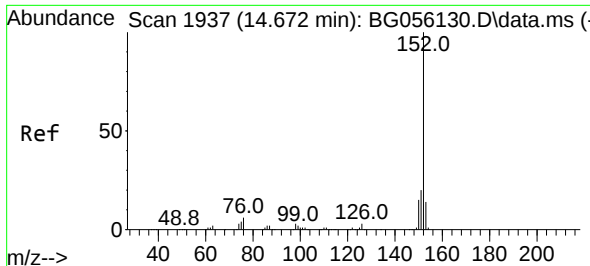
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#48
2-Nitroaniline
Concen: 49.040 ng
RT: 14.010 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion: 65 Resp: 72668
Ion Ratio Lower Upper
65 100
92 93.1 76.0 114.0
138 152.1 116.6 174.8





#49
Acenaphthylene
Concen: 46.503 ng
RT: 14.662 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

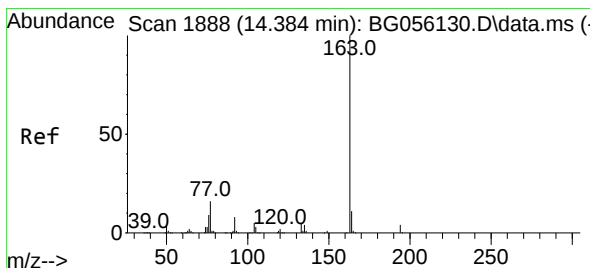
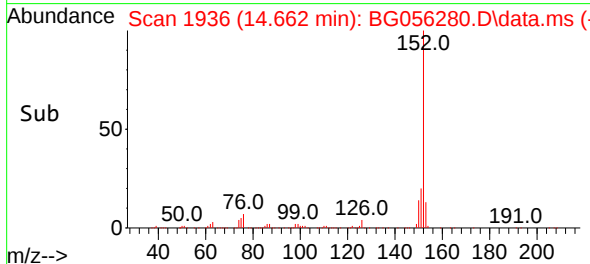
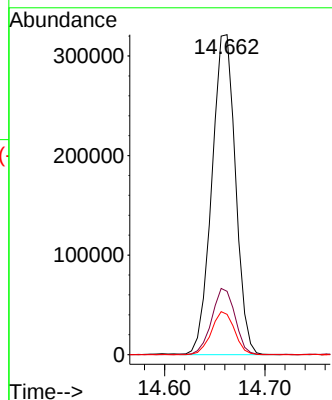
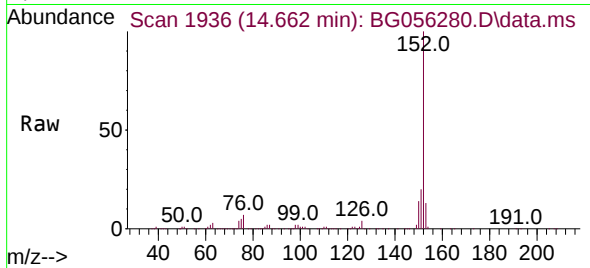
VNJ-207MSD

Tgt Ion:152 Resp: 526305
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.6 11.0 16.6

Manual Integrations

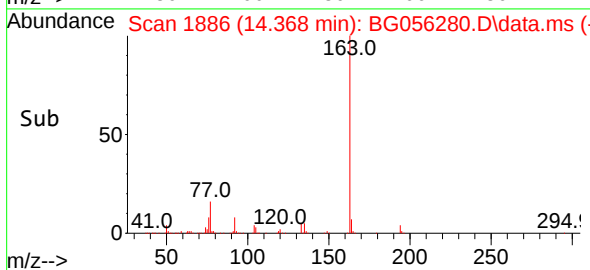
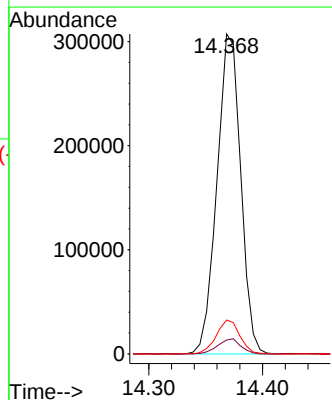
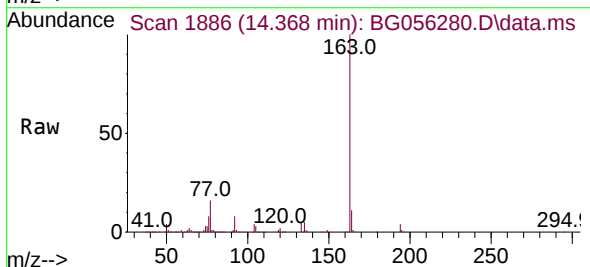
APPROVED

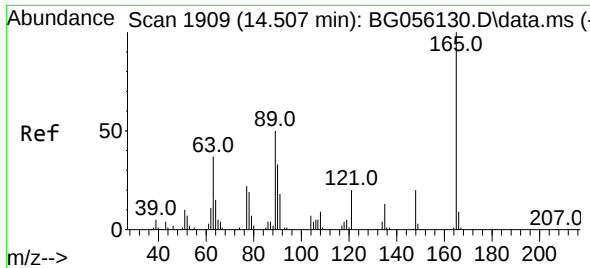
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#50
Dimethylphthalate
Concen: 44.916 ng
RT: 14.368 min Scan# 1886
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:163 Resp: 446100
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.6 8.7 13.1





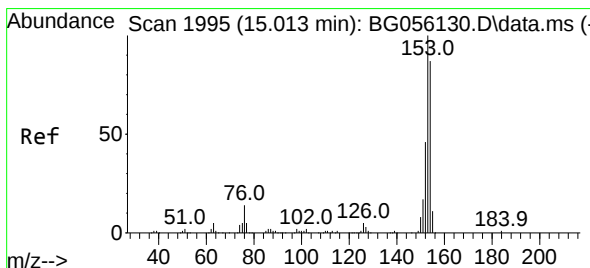
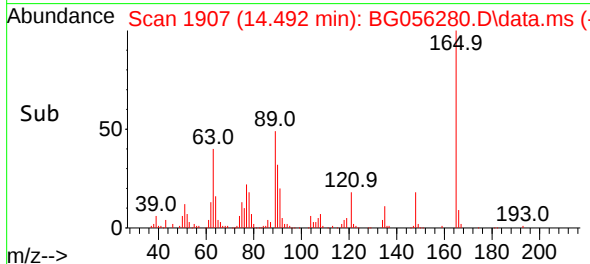
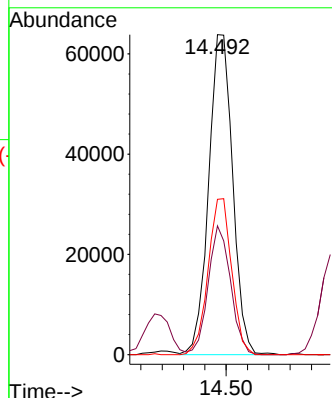
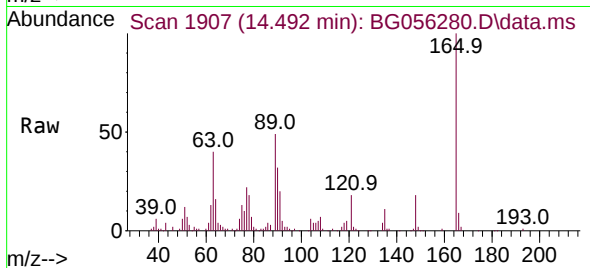
#51
2,6-Dinitrotoluene
Concen: 47.217 ng
RT: 14.492 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD

Tgt Ion:165 Resp: 99925
Ion Ratio Lower Upper
165 100
63 40.2 32.2 48.2
89 48.5 39.8 59.8

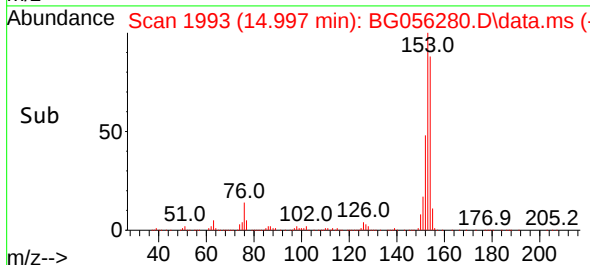
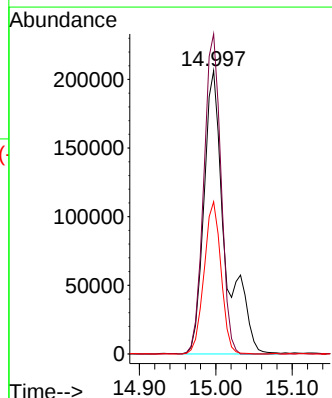
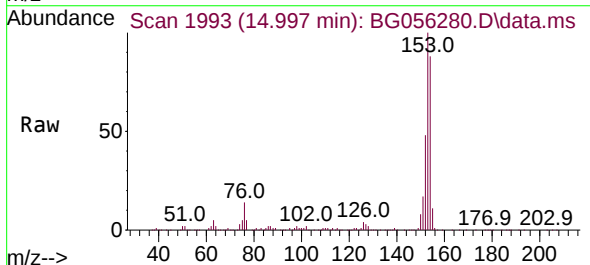
Manual Integrations
APPROVED

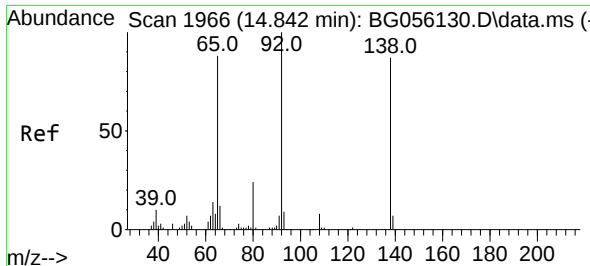
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#52
Acenaphthene
Concen: 54.656 ng m
RT: 14.997 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:154 Resp: 402319
Ion Ratio Lower Upper
154 100
153 113.0 92.0 138.0
152 53.7 42.5 63.7





#53
3-Nitroaniline
Concen: 25.025 ng
RT: 14.827 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

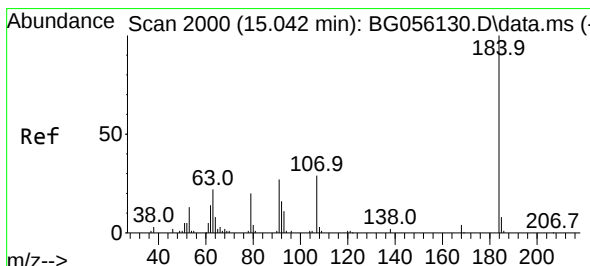
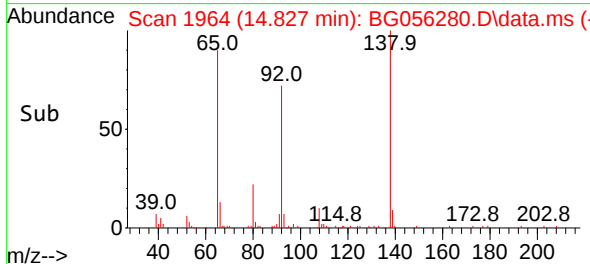
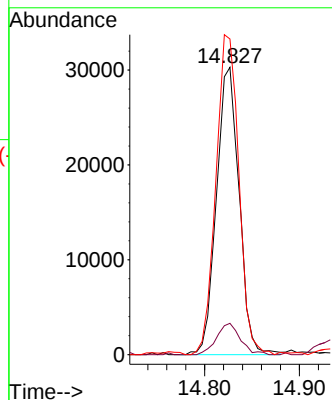
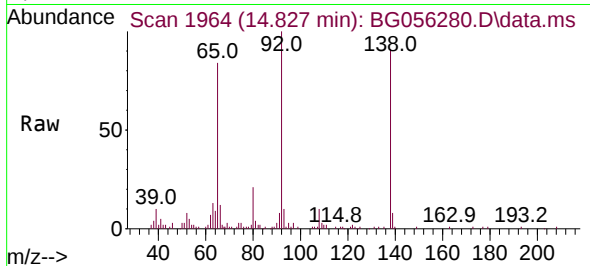
VNJ-207MSD

Tgt Ion:138 Resp: 50403
Ion Ratio Lower Upper
138 100
108 10.9 7.6 11.4
92 109.9 91.7 137.5

Manual Integrations

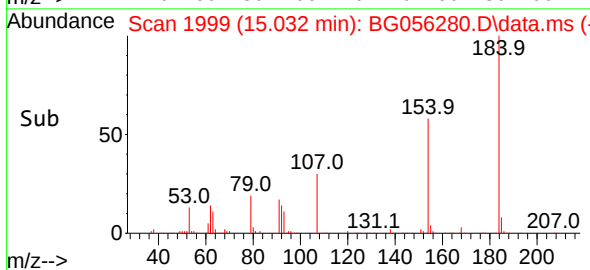
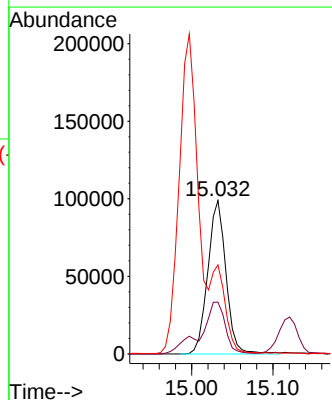
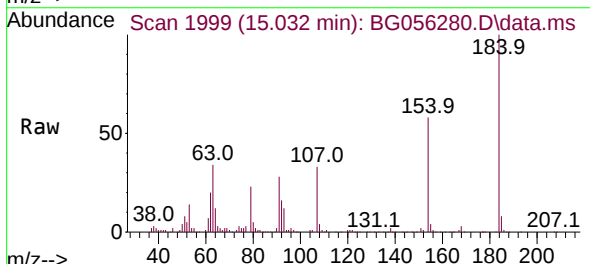
APPROVED

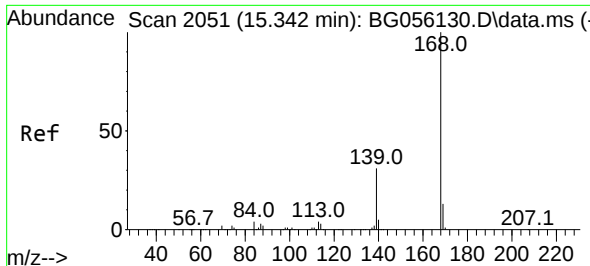
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#54
2,4-Dinitrophenol
Concen: 101.926 ng
RT: 15.032 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:184 Resp: 154099
Ion Ratio Lower Upper
184 100
63 33.7 24.0 36.0
154 58.0 45.4 68.0





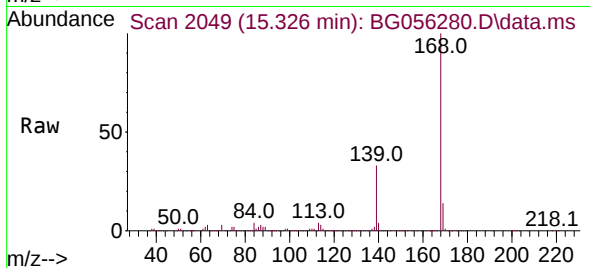
#55
Dibenzofuran
Concen: 46.240 ng
RT: 15.326 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

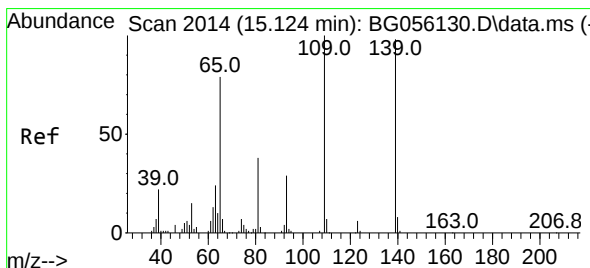
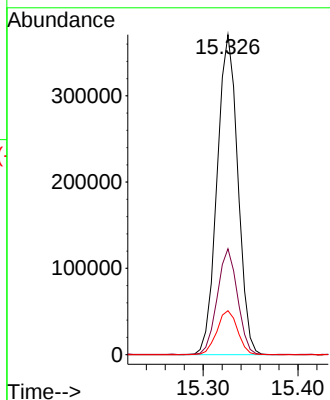
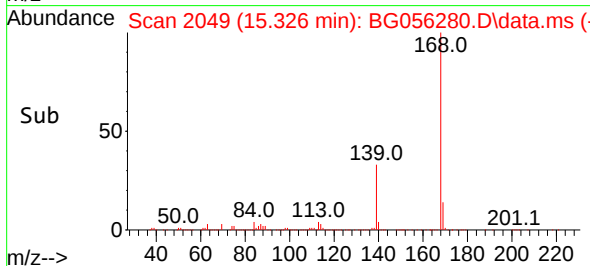
VNJ-207MSD



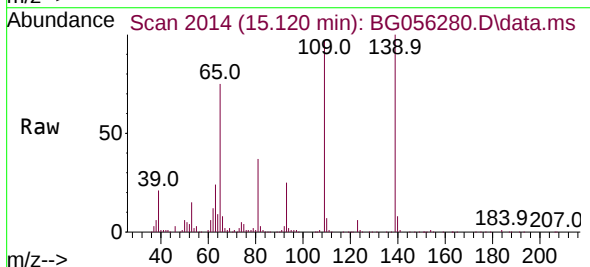
Tgt Ion:168 Resp: 563243
Ion Ratio Lower Upper
168 100
139 33.1 24.7 37.1
169 13.7 10.3 15.5

Manual Integrations
APPROVED

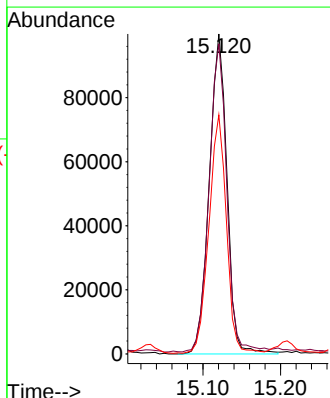
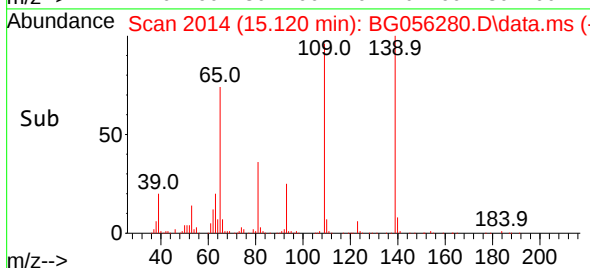
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

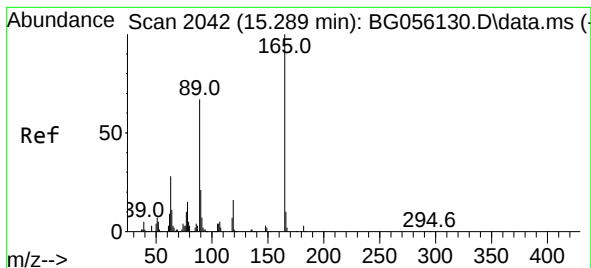


#56
4-Nitrophenol
Concen: 102.373 ng
RT: 15.120 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



Tgt Ion:139 Resp: 158579
Ion Ratio Lower Upper
139 100
109 96.9 82.2 122.2
65 74.7 60.6 100.6





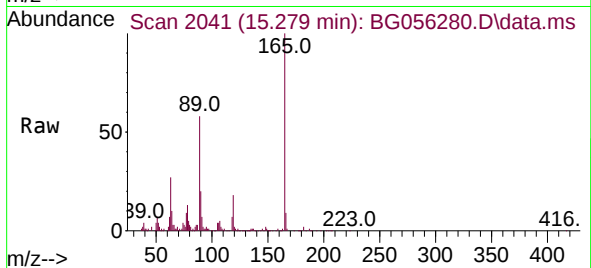
#57
2,4-Dinitrotoluene
Concen: 48.022 ng
RT: 15.279 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

VNJ-207MSD

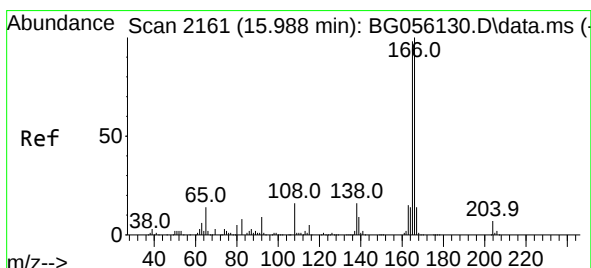
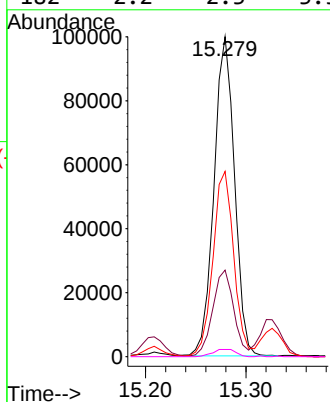
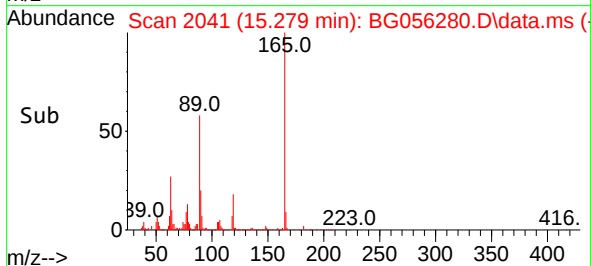


Tgt Ion:165 Resp: 142130
Ion Ratio Lower Upper
165 100
63 27.0 22.6 34.0
89 57.9 53.2 79.8
182 2.2 2.3 3.5#

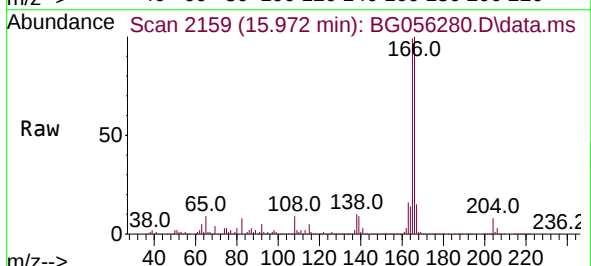
Manual Integrations

APPROVED

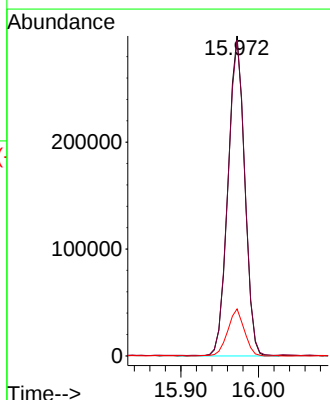
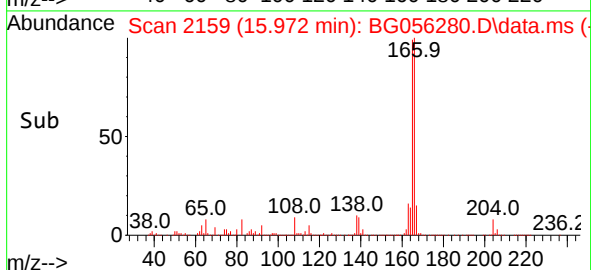
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

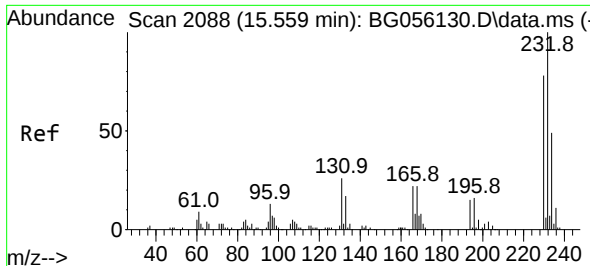


#58
Fluorene
Concen: 45.506 ng
RT: 15.972 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



Tgt Ion:166 Resp: 445837
Ion Ratio Lower Upper
166 100
165 98.7 78.6 118.0
167 14.7 11.1 16.7





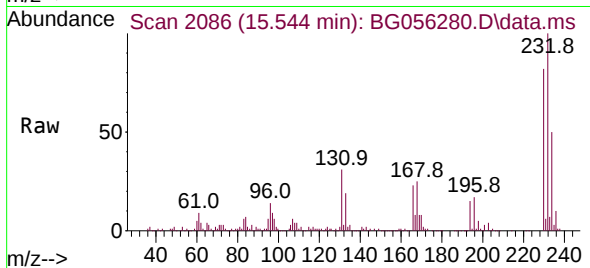
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.134 ng m
RT: 15.544 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

VNJ-207MSD

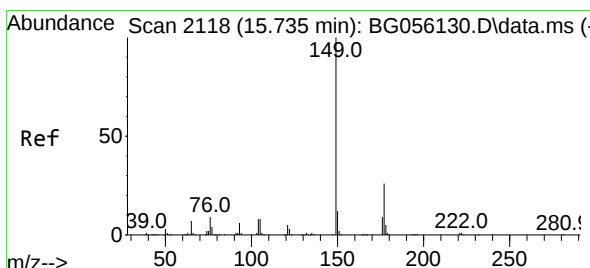
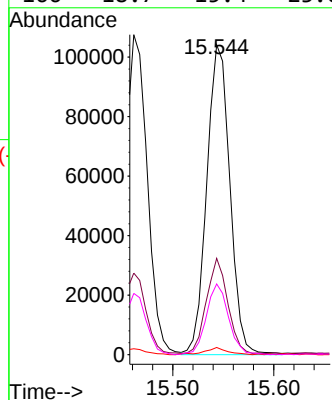
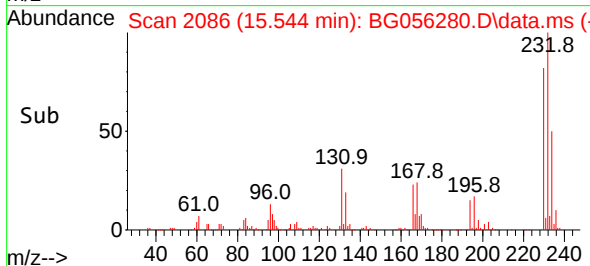


Tgt Ion:232 Resp: 166400
Ion Ratio Lower Upper
232 100
131 25.3 21.4 32.2
130 1.9 1.4 2.0
166 18.7 15.4 23.0

Manual Integrations

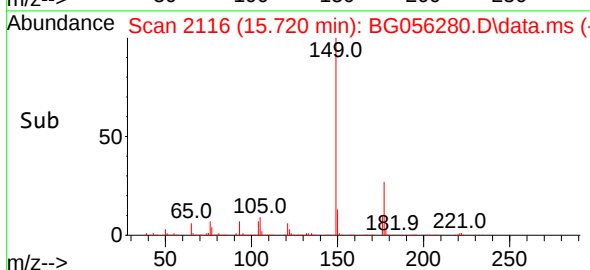
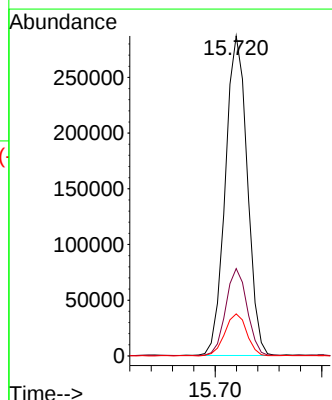
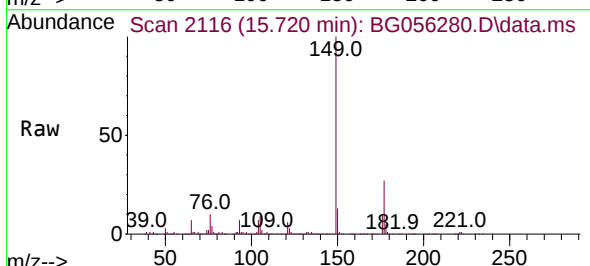
APPROVED

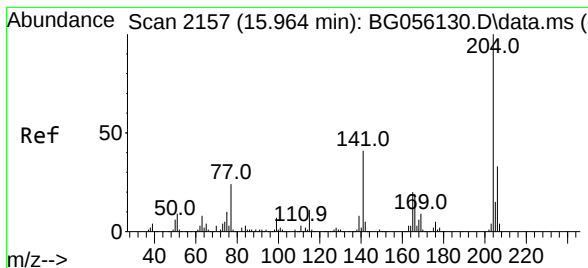
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#60
Diethylphthalate
Concen: 44.144 ng
RT: 15.720 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

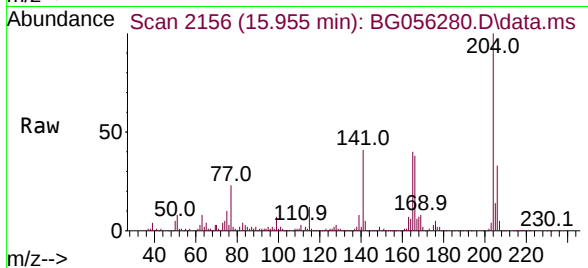
Tgt Ion:149 Resp: 411161
Ion Ratio Lower Upper
149 100
177 27.3 20.6 31.0
150 13.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.638 ng
RT: 15.955 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

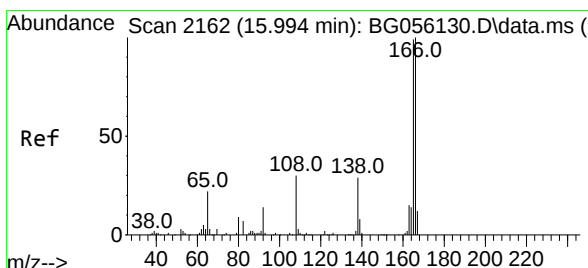
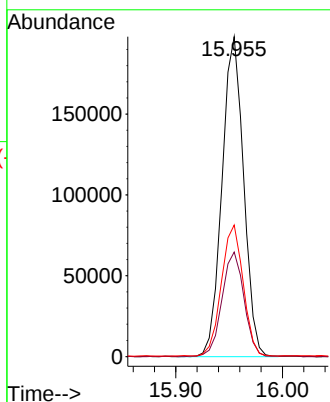
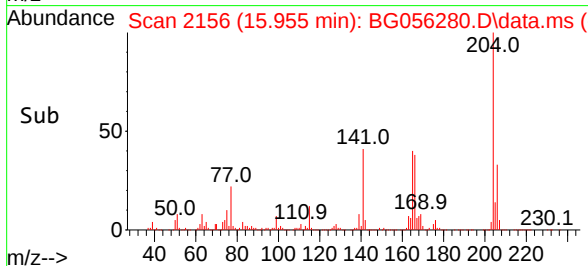
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:204 Resp: 27903
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 41.1 33.0 49.4

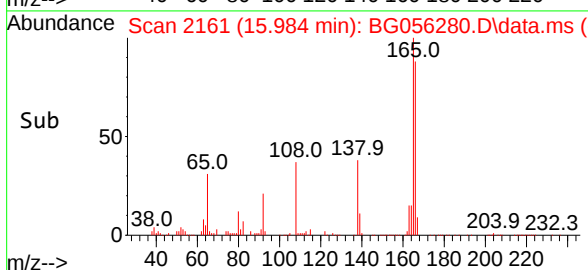
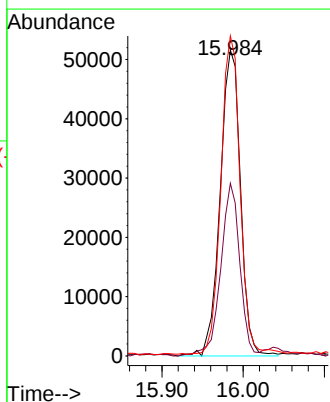
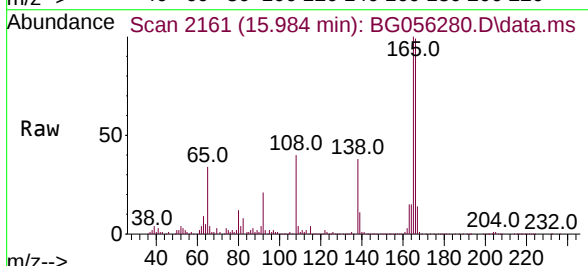
Manual Integrations
APPROVED

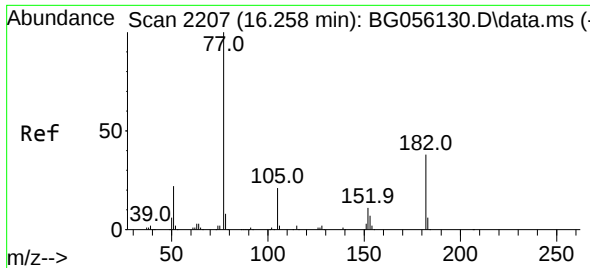
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#62
4-Nitroaniline
Concen: 43.386 ng
RT: 15.984 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

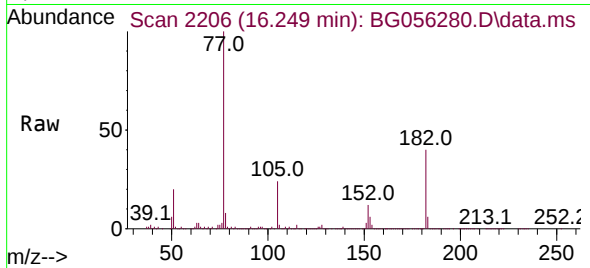
Tgt Ion:138 Resp: 89511
Ion Ratio Lower Upper
138 100
92 56.4 28.6 68.6
108 104.6 83.4 123.4





#63
Azobenzene
Concen: 54.086 ng
RT: 16.249 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

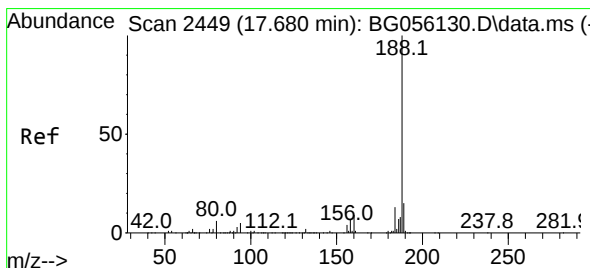
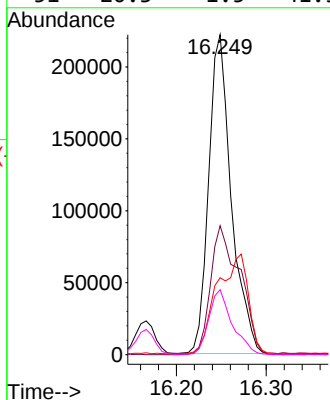
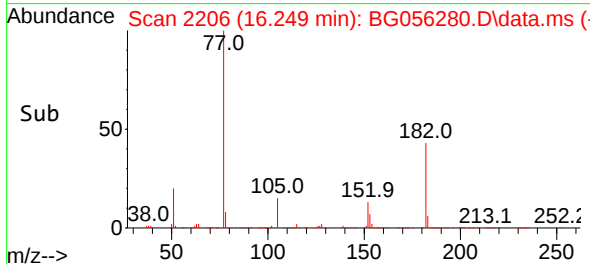
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



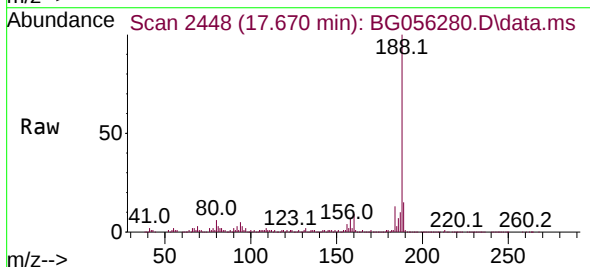
Tgt Ion: 77 Resp: 388752
Ion Ratio Lower Upper
77 100
182 40.3 18.5 58.5
105 24.0 1.4 41.4
51 20.3 1.5 41.5

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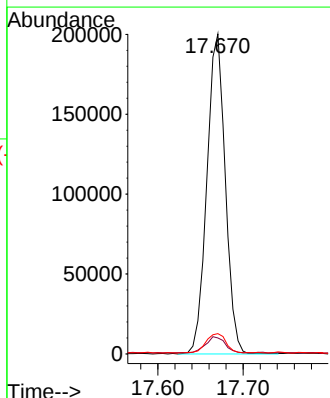
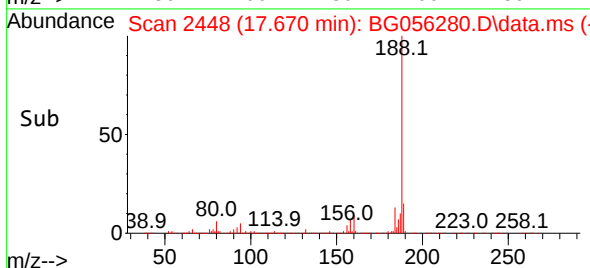
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

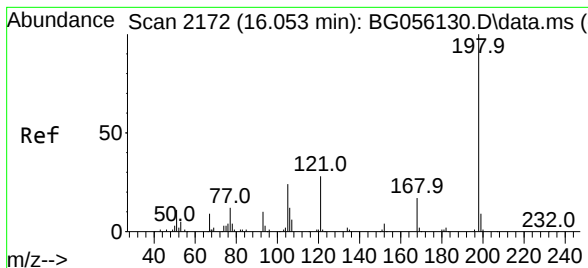


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.670 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



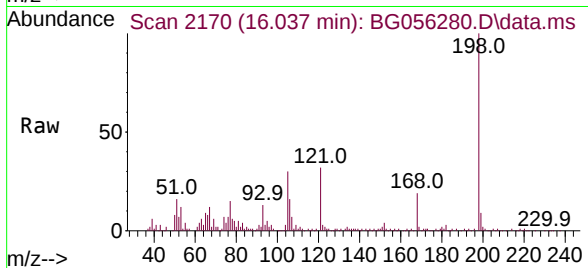
Tgt Ion:188 Resp: 300349
Ion Ratio Lower Upper
188 100
94 5.0 4.2 6.2
80 6.3 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.328 ng
RT: 16.037 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

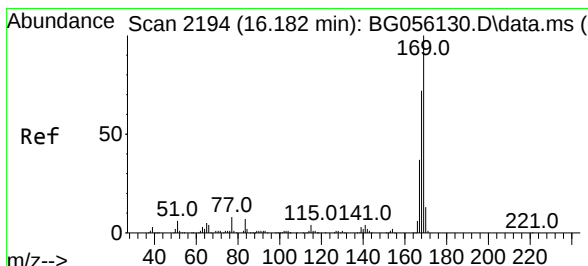
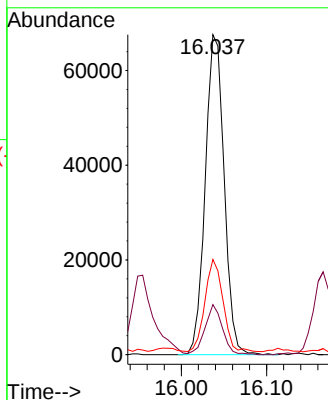
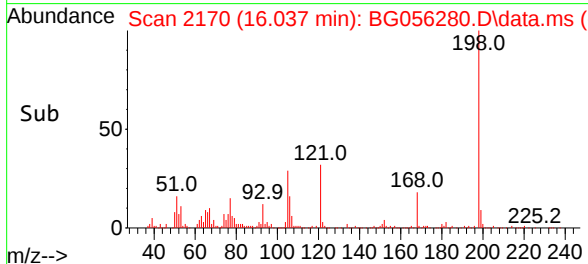
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



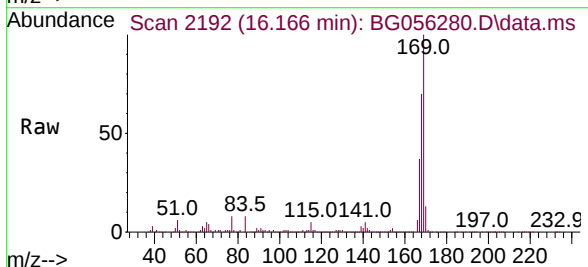
Tgt Ion:198 Resp: 103865
Ion Ratio Lower Upper
198 100
51 15.6 0.0 33.2
105 29.7 4.9 44.9

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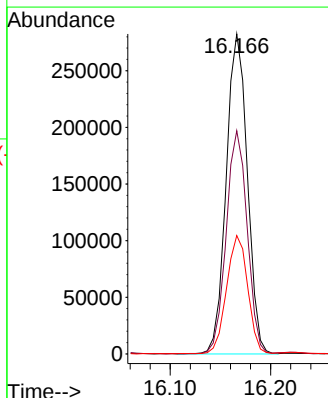
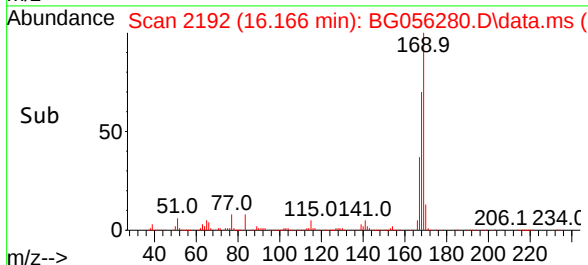
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

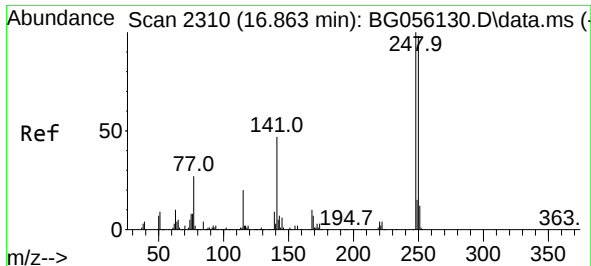


#66
n-Nitrosodiphenylamine
Concen: 49.619 ng
RT: 16.166 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



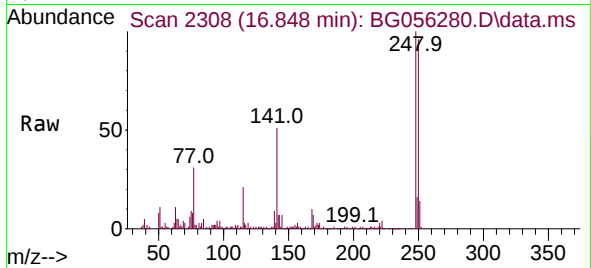
Tgt Ion:169 Resp: 413493
Ion Ratio Lower Upper
169 100
168 69.7 58.0 87.0
167 37.0 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 47.992 ng
RT: 16.848 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

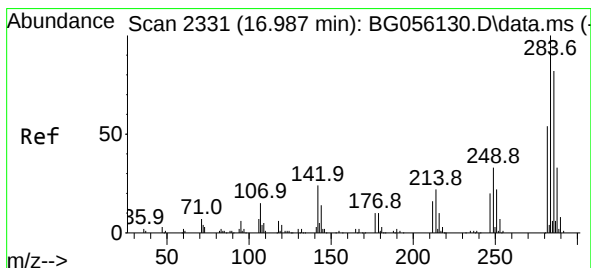
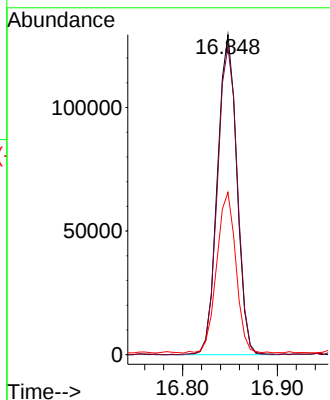
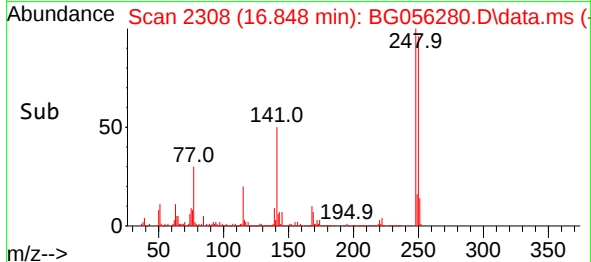
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



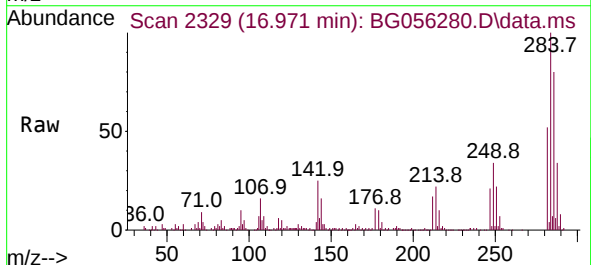
Tgt Ion:248 Resp: 183553
Ion Ratio Lower Upper
248 100
250 96.3 78.2 117.4
141 50.7 37.6 56.4

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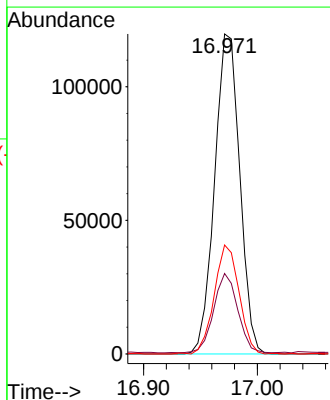
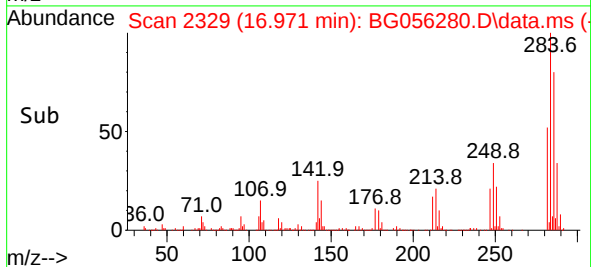
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

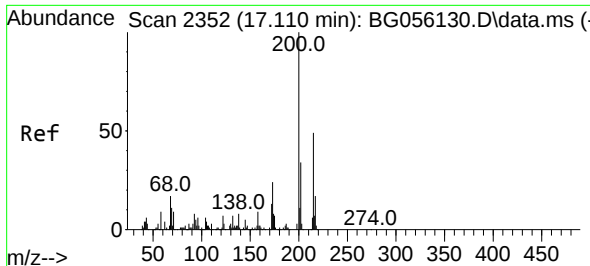


#68
Hexachlorobenzene
Concen: 51.446 ng
RT: 16.971 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



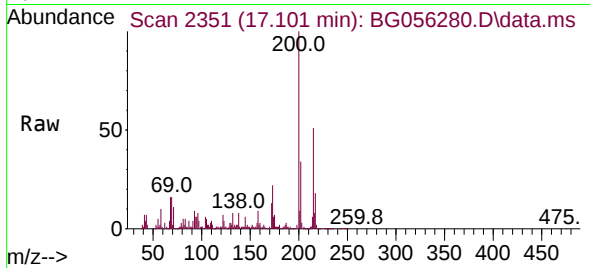
Tgt Ion:284 Resp: 183576
Ion Ratio Lower Upper
284 100
142 25.1 19.0 28.6
249 34.0 26.6 39.8





#69
Atrazine
Concen: 50.681 ng
RT: 17.101 min Scan# 2351
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

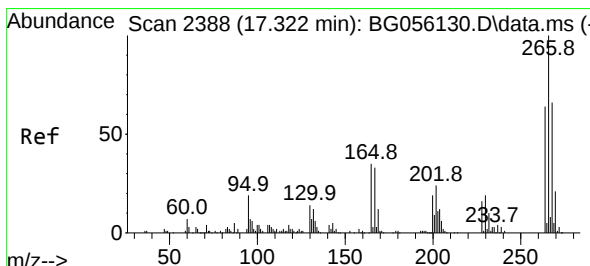
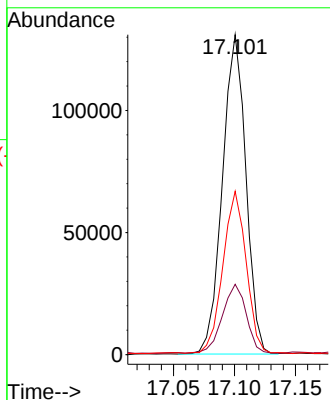
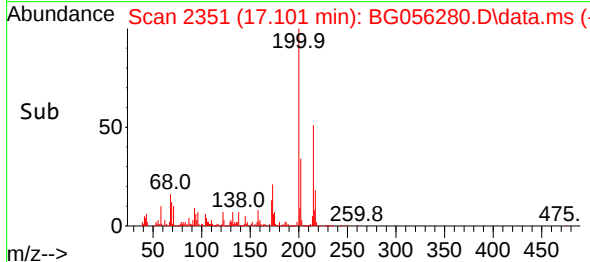
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



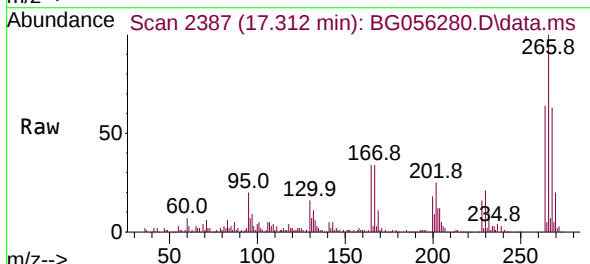
Tgt Ion:200 Resp: 175034
Ion Ratio Lower Upper
200 100
173 22.0 4.0 44.0
215 51.0 29.1 69.1

Manual Integrations
APPROVED

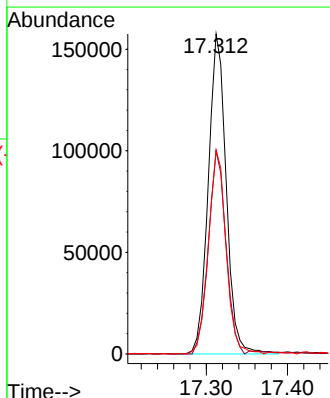
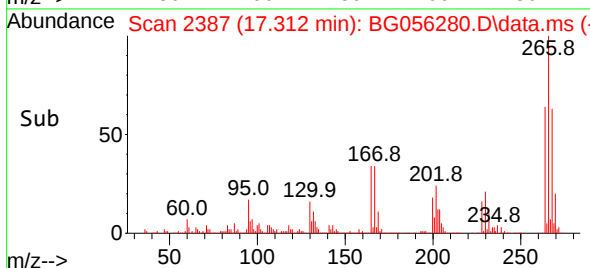
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023

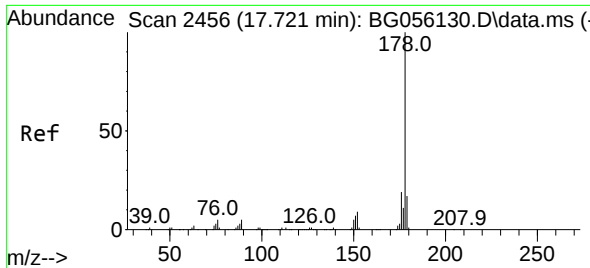


#70
Pentachlorophenol
Concen: 88.284 ng
RT: 17.312 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34



Tgt Ion:266 Resp: 241991
Ion Ratio Lower Upper
266 100
268 63.4 53.0 79.4
264 63.7 51.4 77.2





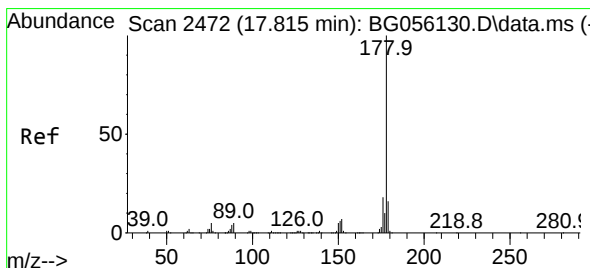
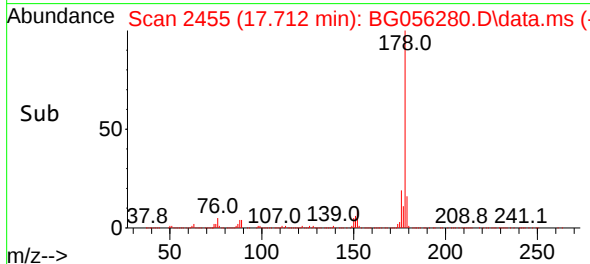
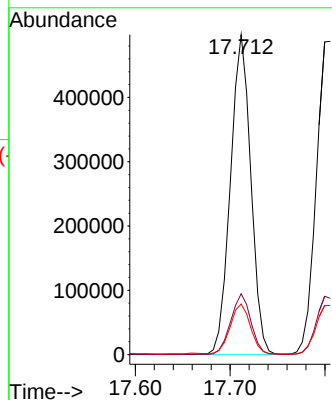
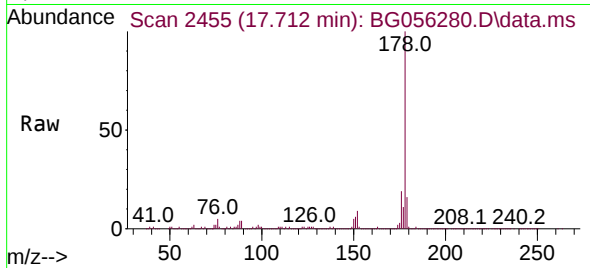
#71
Phenanthrene
Concen: 47.649 ng
RT: 17.712 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD

Tgt Ion:178 Resp: 741656
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.8 13.6 20.4

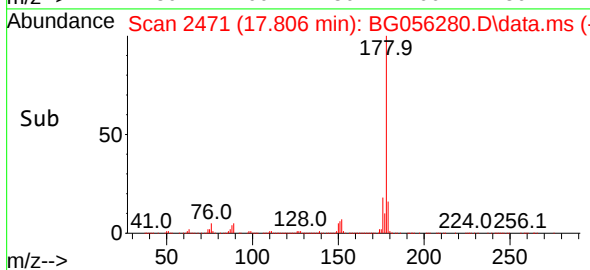
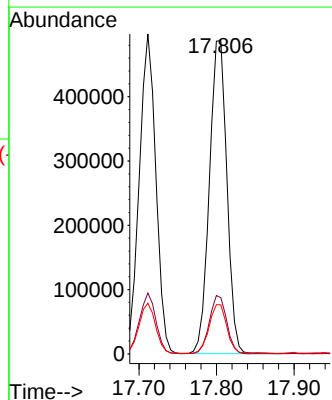
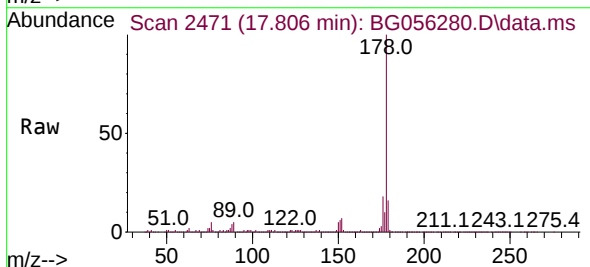
Manual Integrations
APPROVED

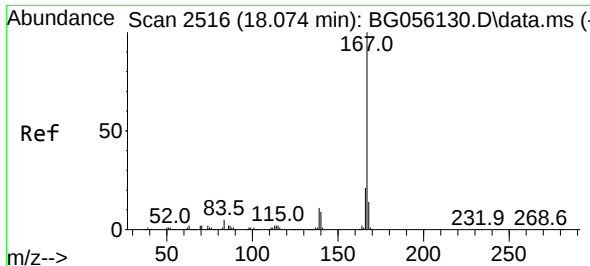
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#72
Anthracene
Concen: 47.498 ng
RT: 17.806 min Scan# 2471
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

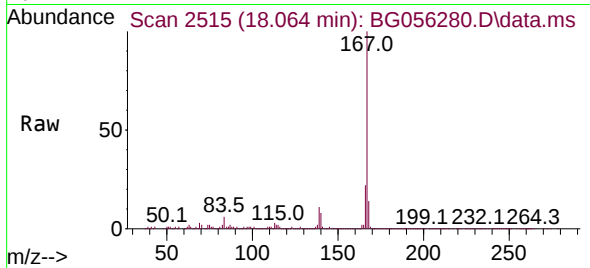
Tgt Ion:178 Resp: 762651
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 48.300 ng
 RT: 18.064 min Scan# 2516
 Delta R.T. -0.000 min
 Lab File: BG056280.D
 Acq: 13 Jan 2023 16:34

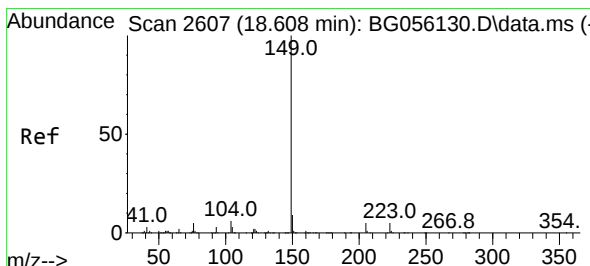
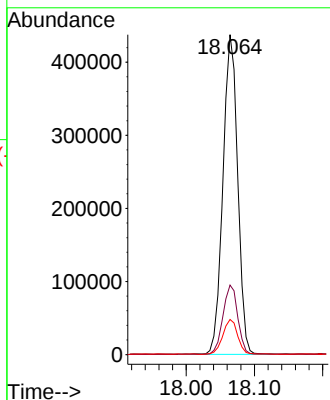
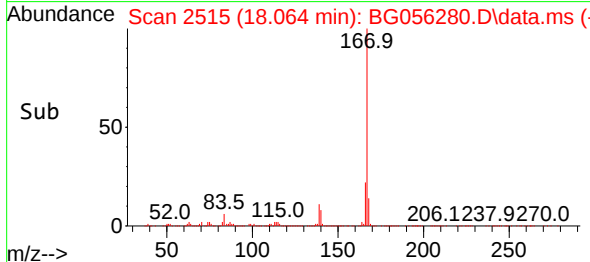
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MSD



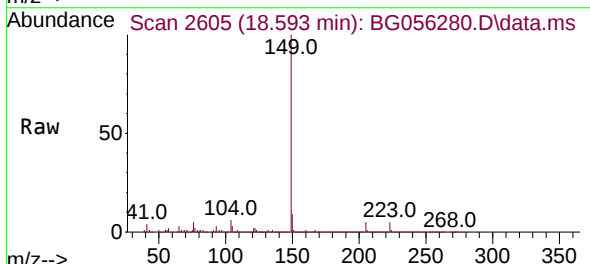
Tgt Ion:167 Resp: 651875
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.8 25.2
 139 11.0 8.9 13.3

Manual Integrations
 APPROVED

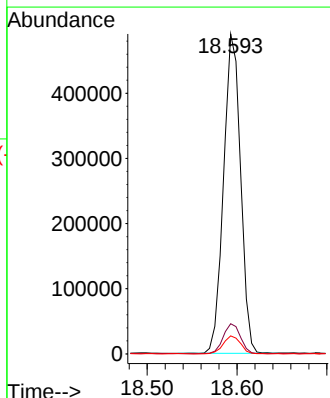
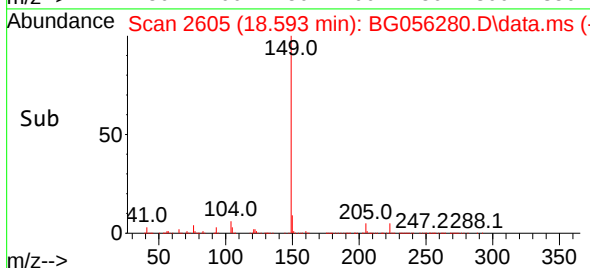
Reviewed By :Christian Giraldo 01/16/2023
 Supervised By :Jagrut Upadhyay 01/16/2023

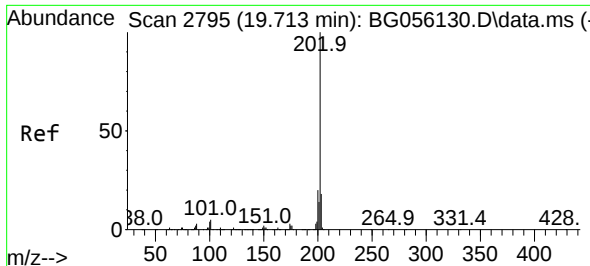


#74
 Di-n-butylphthalate
 Concen: 48.068 ng
 RT: 18.593 min Scan# 2605
 Delta R.T. -0.000 min
 Lab File: BG056280.D
 Acq: 13 Jan 2023 16:34



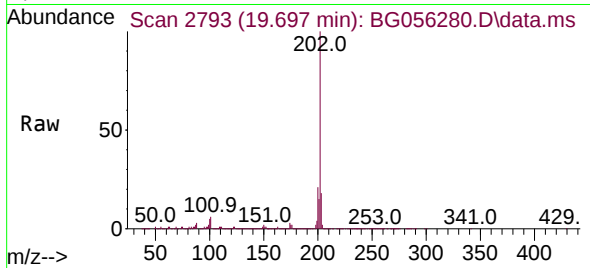
Tgt Ion:149 Resp: 646708
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 45.428 ng
RT: 19.697 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

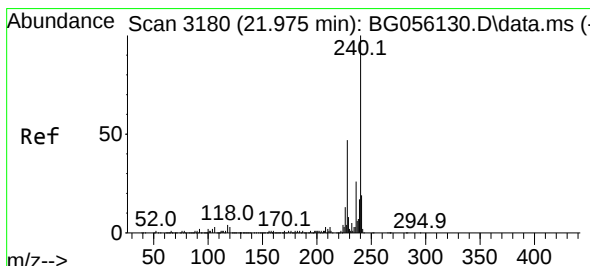
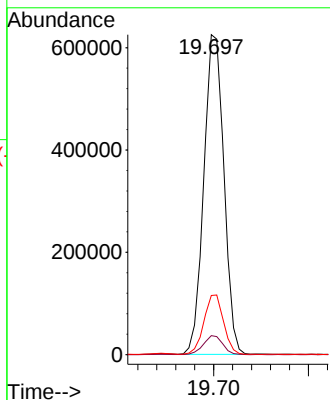
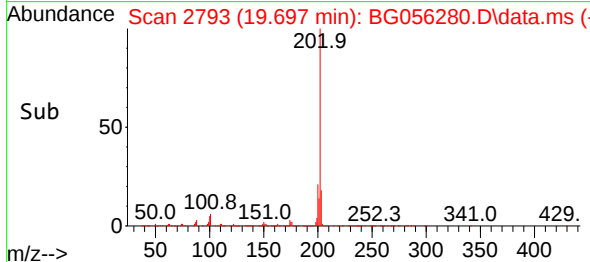
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:202 Resp: 922330
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.0
203 18.5 0.0 38.0

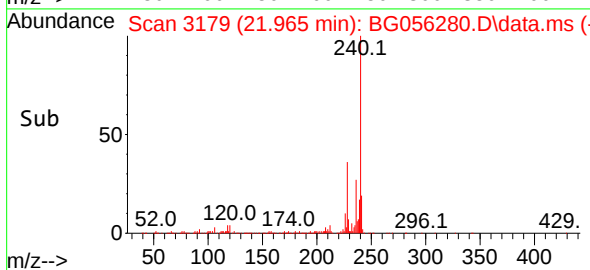
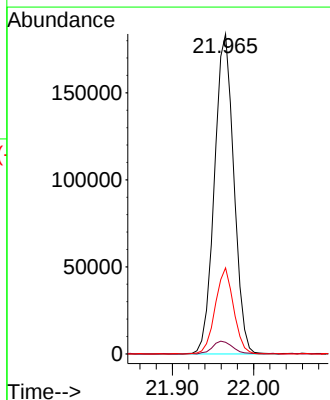
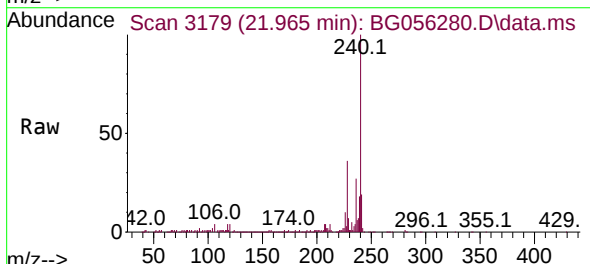
Manual Integrations
APPROVED

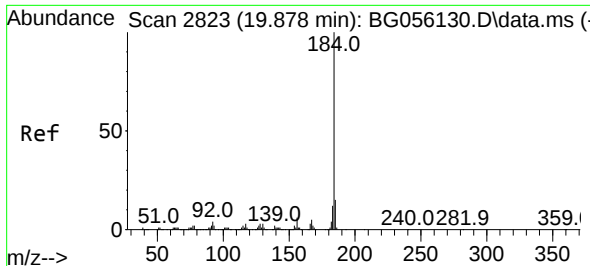
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.965 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

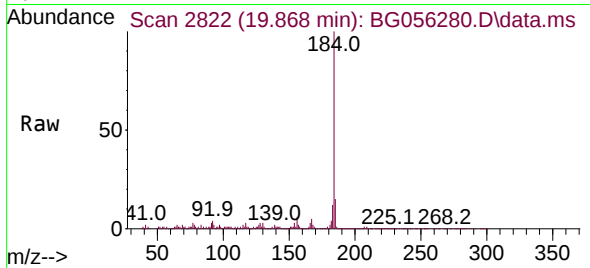
Tgt Ion:240 Resp: 304040
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 26.9 20.8 31.2





#77
Benzidine
Concen: 30.205 ng
RT: 19.868 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

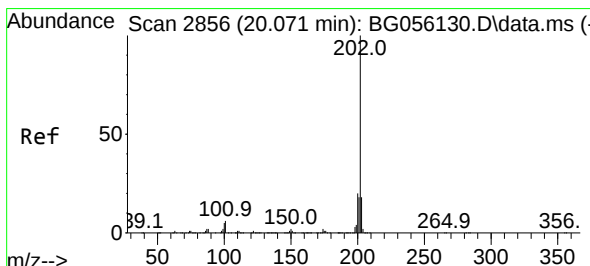
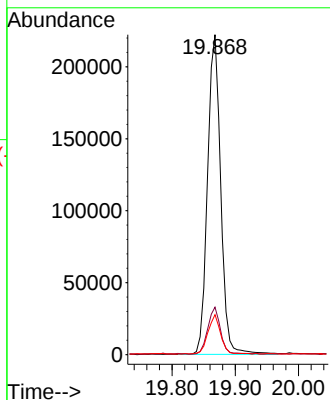
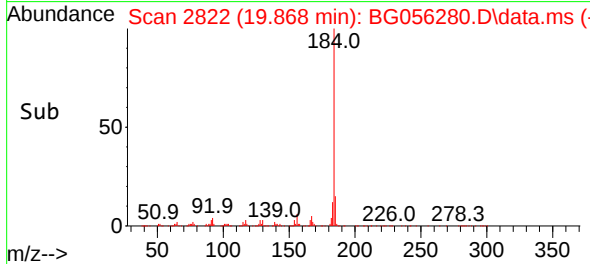
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:184 Resp: 321828
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 12.5 9.4 14.0

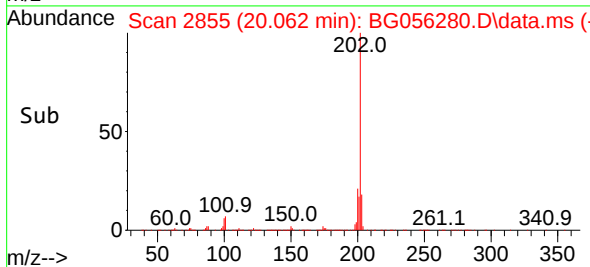
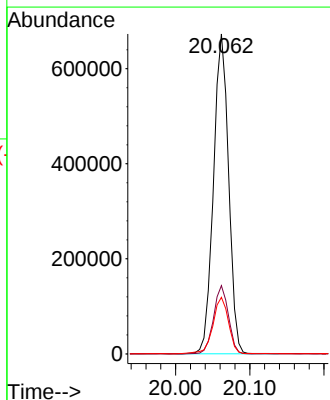
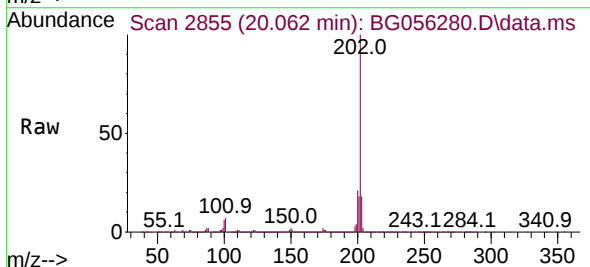
Manual Integrations
APPROVED

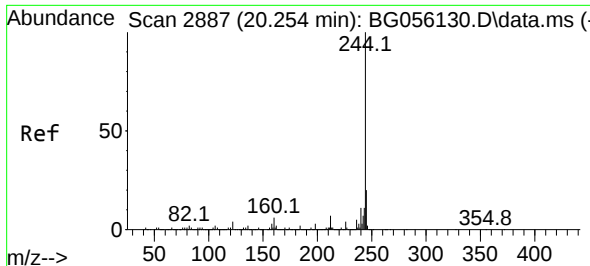
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#78
Pyrene
Concen: 44.416 ng
RT: 20.062 min Scan# 2855
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

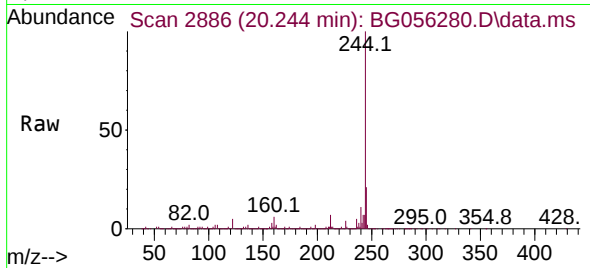
Tgt Ion:202 Resp: 951833
Ion Ratio Lower Upper
202 100
200 21.3 16.4 24.6
203 17.7 14.3 21.5





#79
Terphenyl-d14
Concen: 83.490 ng
RT: 20.244 min Scan# 2887
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

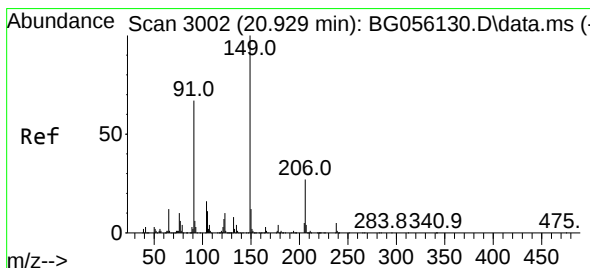
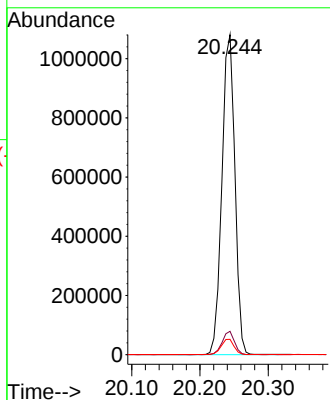
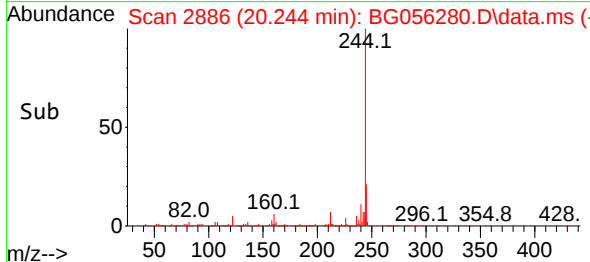
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:244 Resp: 1417289
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 4.8 3.5 5.3

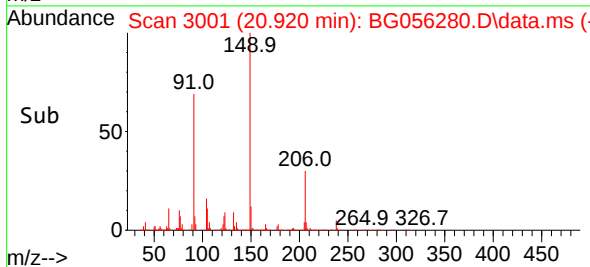
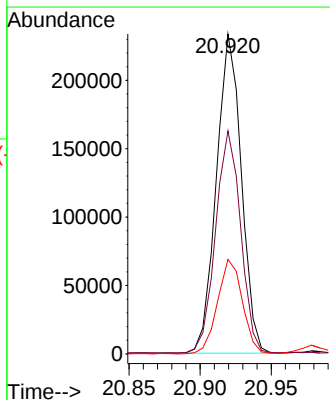
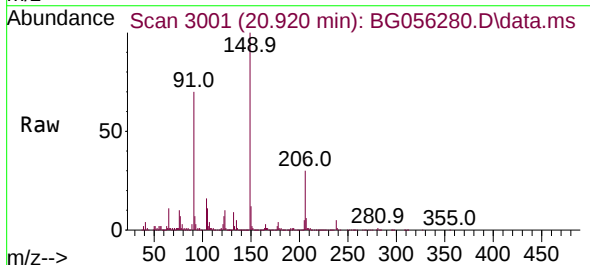
Manual Integrations
APPROVED

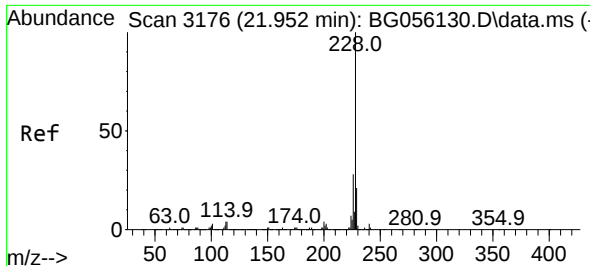
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#80
Butylbenzylphthalate
Concen: 46.347 ng
RT: 20.920 min Scan# 3001
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

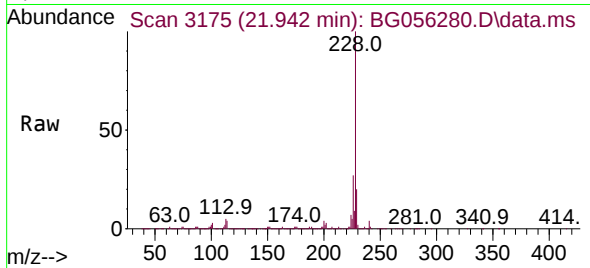
Tgt Ion:149 Resp: 284944
Ion Ratio Lower Upper
149 100
91 69.7 53.5 80.3
206 29.5 21.9 32.9





#81
Benzo(a)anthracene
Concen: 46.747 ng
RT: 21.942 min Scan# 3175
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

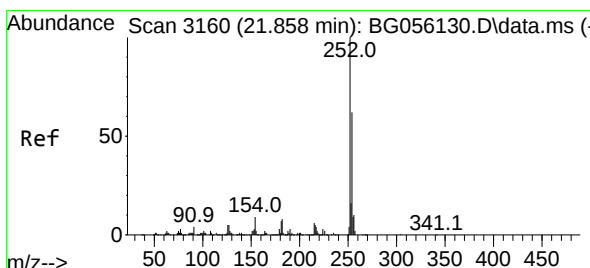
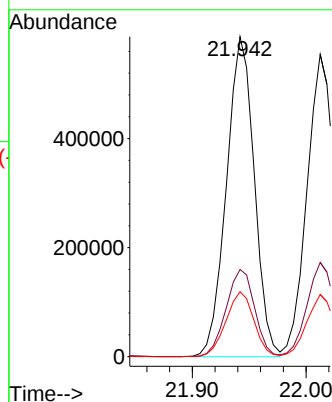
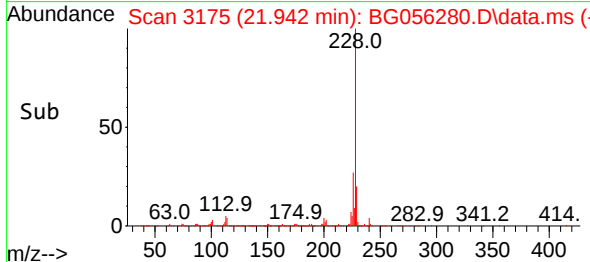
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:228 Resp: 998273
Ion Ratio Lower Upper
228 100
226 27.2 22.6 34.0
229 20.3 16.9 25.3

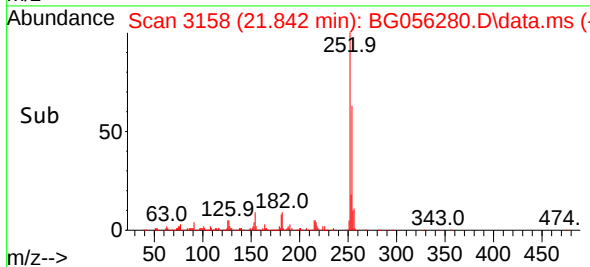
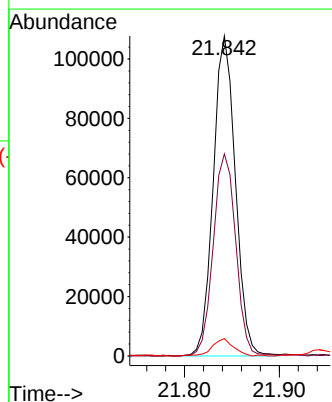
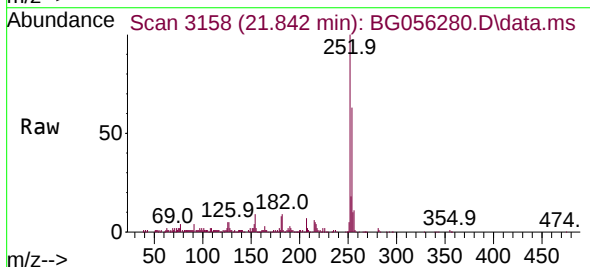
Manual Integrations
APPROVED

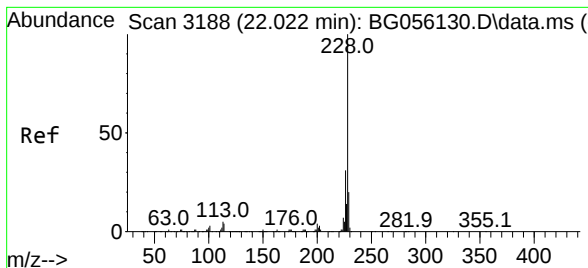
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 22.796 ng
RT: 21.842 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:252 Resp: 175243
Ion Ratio Lower Upper
252 100
254 63.1 49.5 74.3
126 5.4 4.0 6.0





#83

Chrysene

Concen: 46.741 ng

RT: 22.012 min Scan# 3187

Delta R.T. -0.000 min

Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

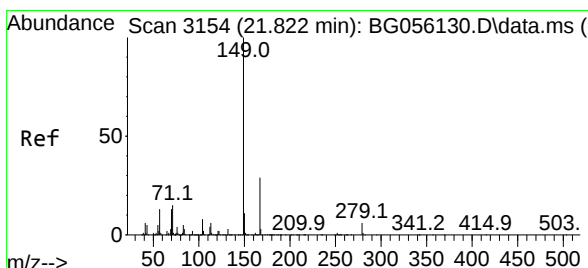
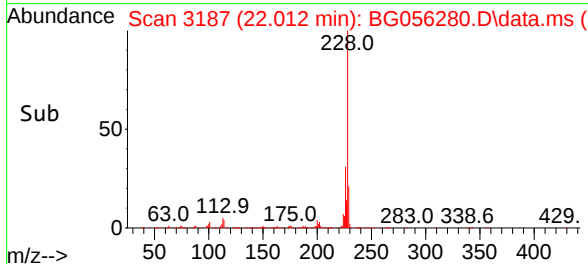
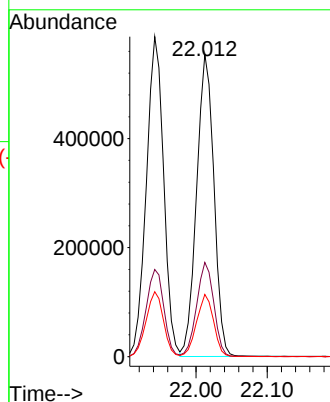
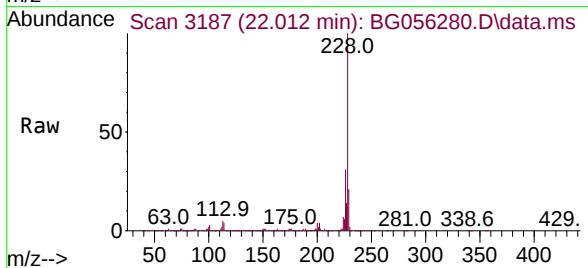
VNJ-207MSD

Tgt Ion:228 Resp: 934962
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.6 36.8
 229 20.5 15.8 23.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.840 ng

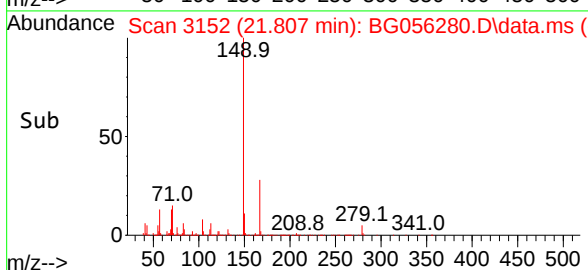
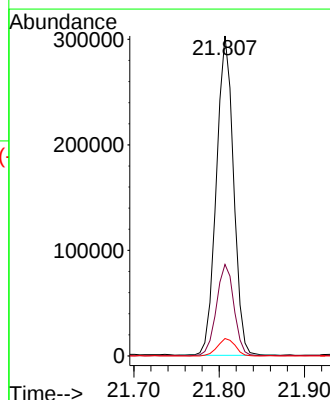
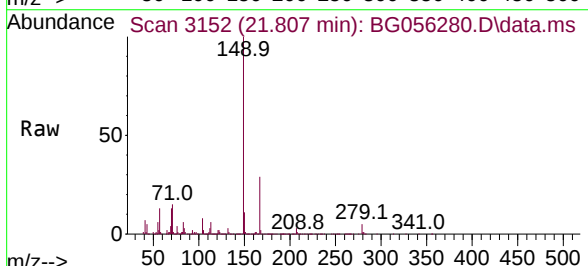
RT: 21.807 min Scan# 3152

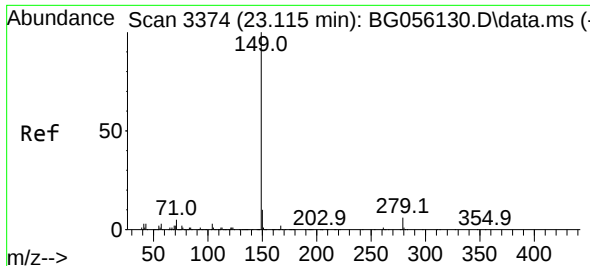
Delta R.T. -0.000 min

Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Tgt Ion:149 Resp: 423750
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.4 35.2
 279 5.4 4.7 7.1





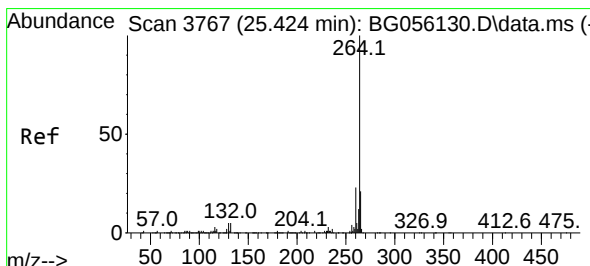
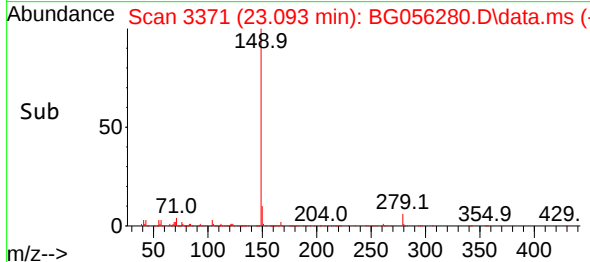
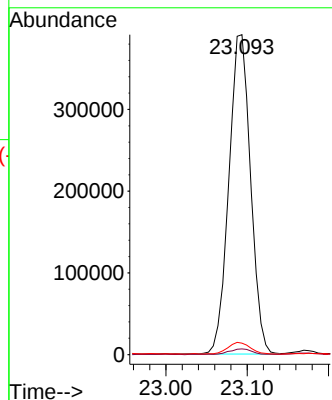
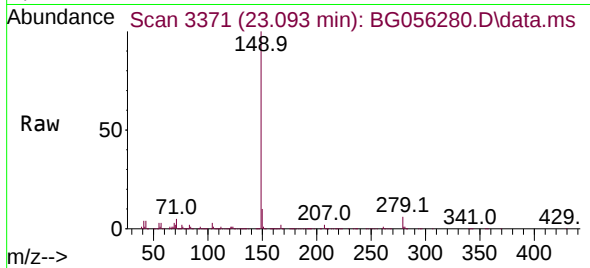
#85
Di-n-octyl phthalate
Concen: 48.534 ng
RT: 23.093 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD

Tgt Ion:149 Resp: 725739
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.7 2.9 4.3

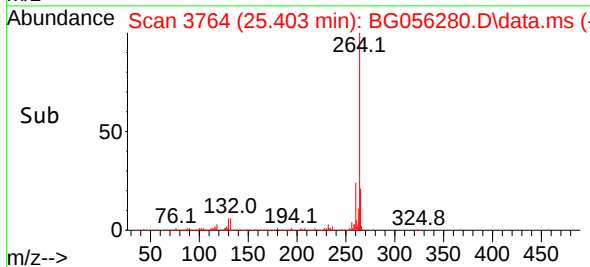
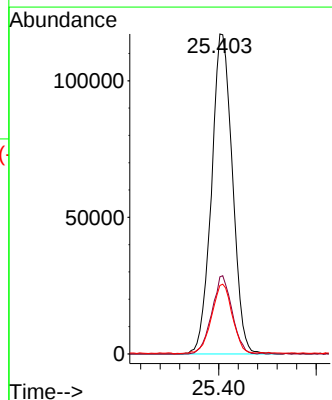
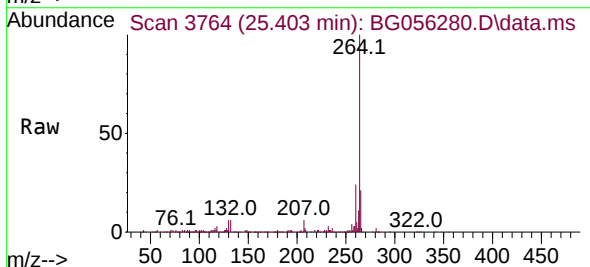
Manual Integrations
APPROVED

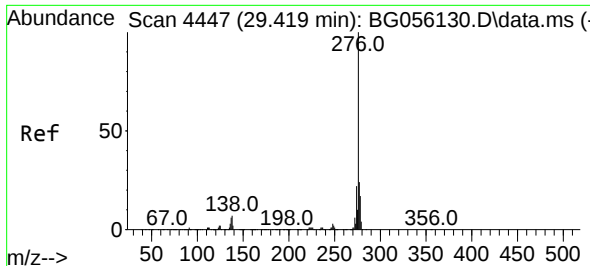
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.403 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:264 Resp: 348210
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.4 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.891 ng
 RT: 29.380 min Scan# 4447
 Delta R.T. 0.018 min
 Lab File: BG056280.D
 Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

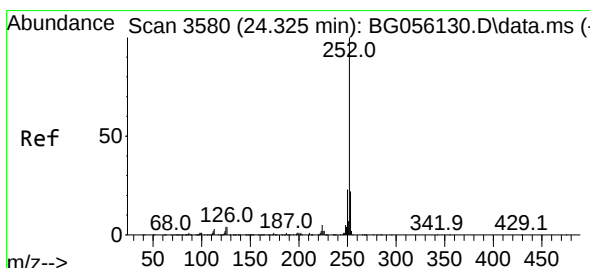
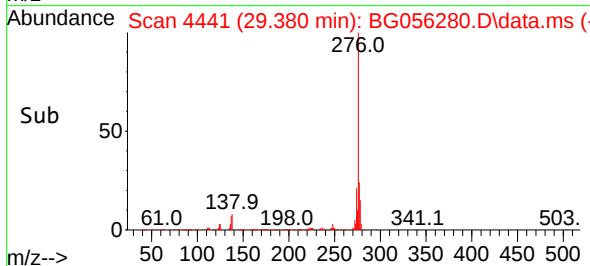
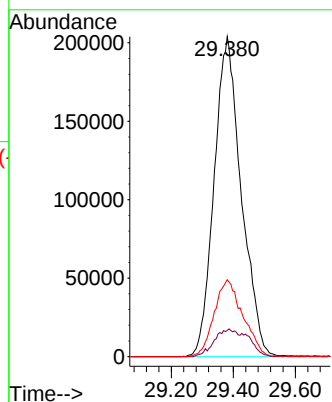
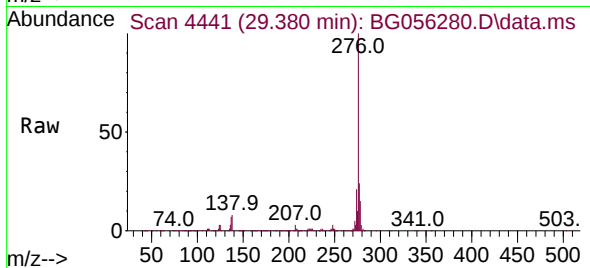
VNJ-207MSD

Tgt Ion:276 Resp: 1238123
 Ion Ratio Lower Upper
 276 100
 138 7.5 5.0 7.4
 277 25.4 20.5 30.7

Manual Integrations

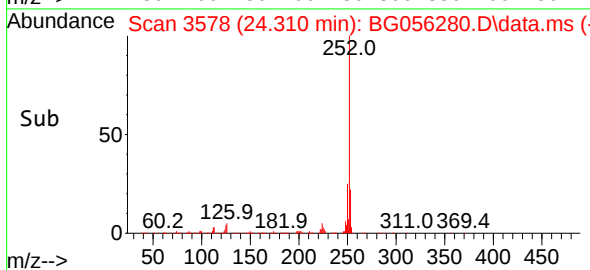
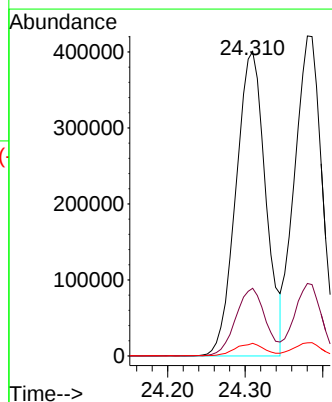
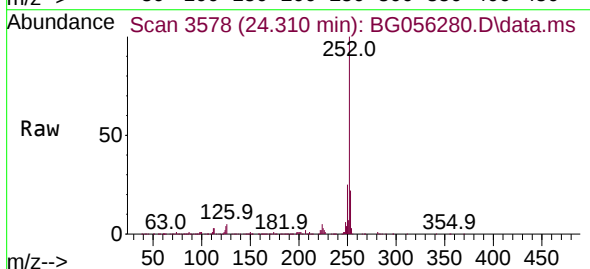
APPROVED

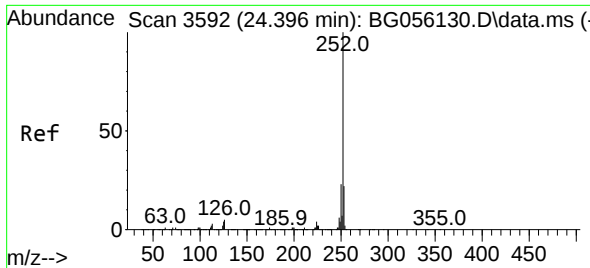
Reviewed By :Christian Giraldo 01/16/2023
 Supervised By :Jagrut Upadhyay 01/16/2023



#88
 Benzo(b)fluoranthene
 Concen: 48.278 ng
 RT: 24.310 min Scan# 3578
 Delta R.T. 0.012 min
 Lab File: BG056280.D
 Acq: 13 Jan 2023 16:34

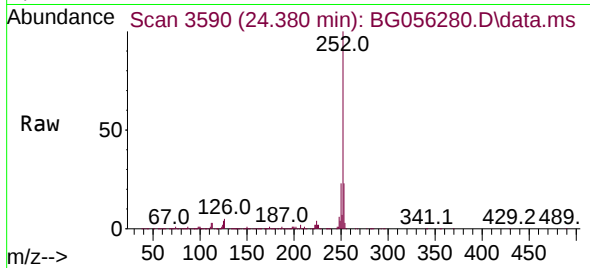
Tgt Ion:252 Resp: 1068109
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 4.1 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 46.688 ng
RT: 24.380 min Scan# 3592
Delta R.T. 0.006 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

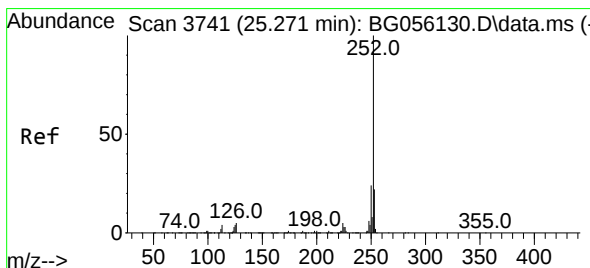
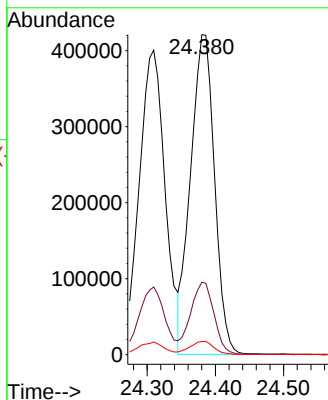
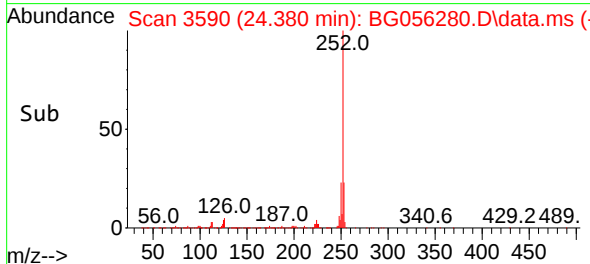
Instrument :
BNA_G
ClientSampleId :
VNJ-207MSD



Tgt Ion:252 Resp: 1028579
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 4.1 3.4 5.0

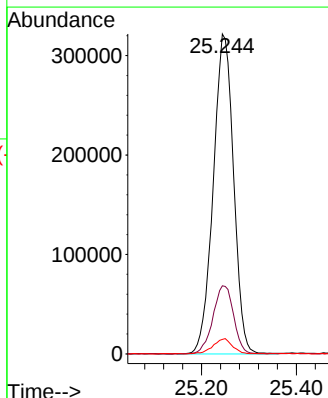
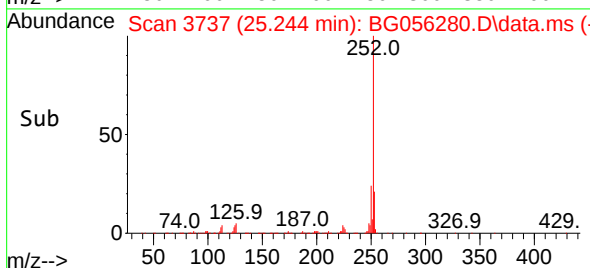
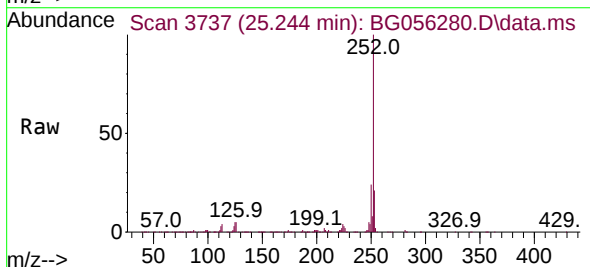
Manual Integrations
APPROVED

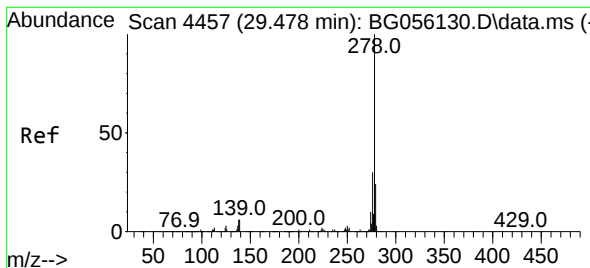
Reviewed By :Christian Giraldo 01/16/2023
Supervised By :Jagrut Upadhyay 01/16/2023



#90
Benzo(a)pyrene
Concen: 44.371 ng
RT: 25.244 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BG056280.D
Acq: 13 Jan 2023 16:34

Tgt Ion:252 Resp: 957459
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 4.5 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 48.757 ng

RT: 29.439 min Scan# 4457

Delta R.T. 0.006 min

Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Instrument :

BNA_G

ClientSampleId :

VNJ-207MSD

Tgt Ion:278 Resp: 1035190

Ion Ratio Lower Upper

278 100

139 6.7 4.8 7.2

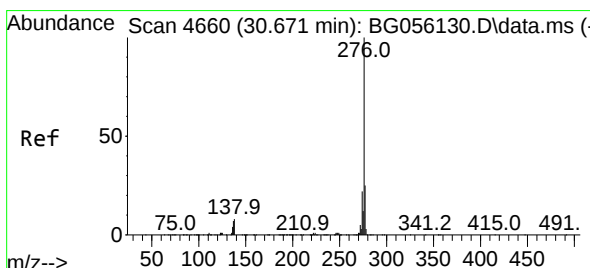
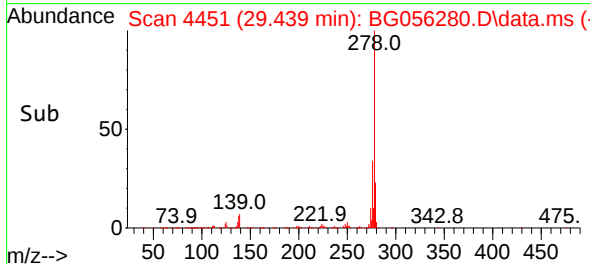
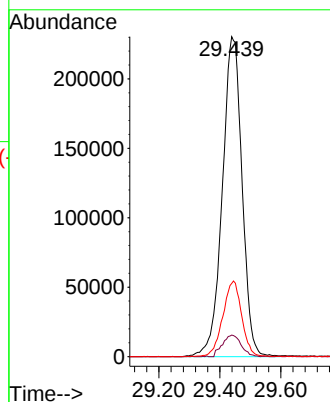
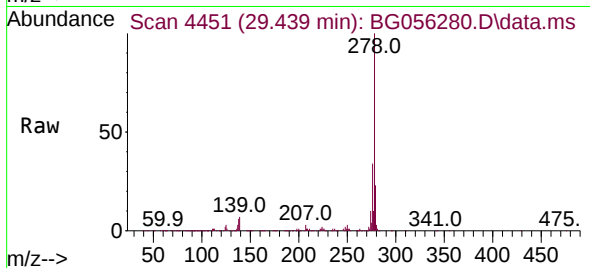
279 22.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/16/2023

Supervised By :Jagrut Upadhyay 01/16/2023



#92

Benzo(g,h,i)perylene

Concen: 48.429 ng

RT: 30.632 min Scan# 4654

Delta R.T. 0.018 min

Lab File: BG056280.D

Acq: 13 Jan 2023 16:34

Tgt Ion:276 Resp: 997107

Ion Ratio Lower Upper

276 100

277 22.8 19.7 29.5

138 8.8 6.7 10.1

