

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051153.D
 Acq On : 20 Nov 2021 18:36
 Operator : CG/JU
 Sample : M4736-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 01:24:59 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 19 16:26:22 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	27473	20.000	ng	0.00
21) Naphthalene-d8	11.034	136	113207	20.000	ng	# 0.00
39) Acenaphthene-d10	14.835	164	75550	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	174192	20.000	ng	# 0.00
76) Chrysene-d12	21.886	240	166846	20.000	ng	# 0.00
86) Perylene-d12	25.282	264	169533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	268779	151.236	ng	0.00
7) Phenol-d6	7.362	99	342797	136.948	ng	0.00
23) Nitrobenzene-d5	9.383	82	238879	96.324	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	123008	153.186	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	470406	93.955	ng	0.00
79) Terphenyl-d14	20.176	244	825244	90.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	33199	44.549	ng	# 41
3) Pyridine	4.019	79	26673	12.031	ng	# 86
4) n-Nitrosodimethylamine	3.913	42	49302	51.722	ng	# 37
6) Aniline	7.526	93	54363	18.283	ng	98
8) 2-Chlorophenol	7.767	128	98681	52.906	ng	95
9) Benzaldehyde	7.338	77	65906	36.392	ng	92
10) Phenol	7.391	94	131971	51.359	ng	# 82
11) bis(2-Chloroethyl)ether	7.615	93	96597	49.725	ng	92
12) 1,3-Dichlorobenzene	8.090	146	94460	47.337	ng	94
13) 1,4-Dichlorobenzene	8.237	146	96536	46.665	ng	96
14) 1,2-Dichlorobenzene	8.560	146	93679	47.738	ng	95
15) Benzyl Alcohol	8.443	79	101310	50.657	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.719	45	136721	48.686	ng	88
17) 2-Methylphenol	8.649	107	88606	51.078	ng	# 90
18) Hexachloroethane	9.289	117	36482	47.193	ng	96
19) n-Nitroso-di-n-propyla...	9.007	70	85568	46.312	ng	# 89
20) 3+4-Methylphenols	8.978	107	120540	48.758	ng	92
22) Acetophenone	9.036	105	149024	48.727	ng	# 94
24) Nitrobenzene	9.424	77	123749	51.453	ng	92
25) Isophorone	9.941	82	219129	49.080	ng	# 95
26) 2-Nitrophenol	10.141	139	55841	51.289	ng	# 87
27) 2,4-Dimethylphenol	10.188	122	94391	58.735	ng	93
28) bis(2-Chloroethoxy)met...	10.417	93	127928	48.118	ng	93
29) 2,4-Dichlorophenol	10.682	162	95780	52.808	ng	98
30) 1,2,4-Trichlorobenzene	10.887	180	98118	48.161	ng	94
31) Naphthalene	11.081	128	288434	48.284	ng	99
32) Benzoic acid	10.358	122	58981	51.851	ng	83
33) 4-Chloroaniline	11.199	127	18624	7.255	ng	92
34) Hexachlorobutadiene	11.345	225	59042	46.939	ng	96
35) Caprolactam	11.980	113	29349m	60.590	ng	
36) 4-Chloro-3-methylphenol	12.303	107	111354	49.724	ng	92
37) 2-Methylnaphthalene	12.673	142	206707	48.842	ng	93
38) 1-Methylnaphthalene	12.891	142	190479	46.101	ng	94
40) 1,2,4,5-Tetrachloroben...	13.038	216	113046	49.234	ng	97
41) Hexachlorocyclopentadiene	13.002	237	91662	135.668	ng	93
43) 2,4,6-Trichlorophenol	13.278	196	82943	52.392	ng	93

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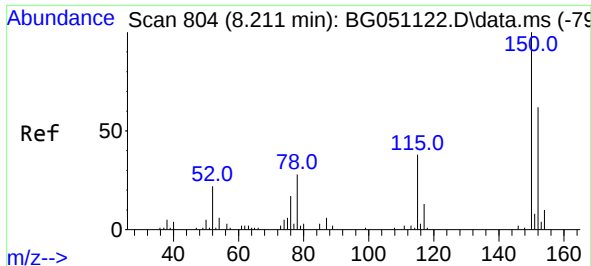
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 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

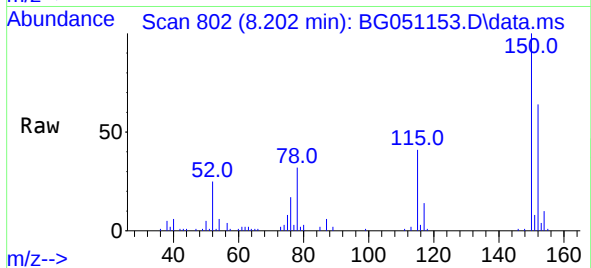
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.355	196	89084	52.062	ng	90
46) 1,1'-Biphenyl	13.672	154	263343	48.491	ng	94
47) 2-Chloronaphthalene	13.719	162	213943	49.760	ng	98
48) 2-Nitroaniline	13.925	65	80756	51.967	ng	89
49) Acenaphthylene	14.565	152	343293	50.080	ng	96
50) Dimethylphthalate	14.283	163	291308	50.049	ng	98
51) 2,6-Dinitrotoluene	14.412	165	64093	52.720	ng	# 80
52) Acenaphthene	14.900	154	200572	50.133	ng	95
53) 3-Nitroaniline	14.747	138	31367	23.033	ng	98
54) 2,4-Dinitrophenol	14.965	184	82847	121.140	ng	83
55) Dibenzofuran	15.235	168	332597	47.870	ng	97
56) 4-Nitrophenol	15.065	139	110226	115.060	ng	# 72
57) 2,4-Dinitrotoluene	15.206	165	93600	53.751	ng	# 90
58) Fluorene	15.881	166	272992	50.043	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.458	232	76146	51.835	ng	# 97
60) Diethylphthalate	15.635	149	306711	49.969	ng	98
61) 4-Chlorophenyl-phenyle...	15.864	204	146007	48.959	ng	94
62) 4-Nitroaniline	15.911	138	70616	48.489	ng	# 65
63) Azobenzene	16.157	77	304989	49.615	ng	82
65) 4,6-Dinitro-2-methylph...	15.969	198	56546	54.356	ng	91
66) n-Nitrosodiphenylamine	16.081	169	250462	50.105	ng	98
67) 4-Bromophenyl-phenylether	16.763	248	93791	49.783	ng	91
68) Hexachlorobenzene	16.886	284	95876	50.068	ng	98
69) Atrazine	17.027	200	104307	78.461	ng	99
70) Pentachlorophenol	17.239	266	112826	129.603	ng	99
71) Phenanthrene	17.626	178	473279	50.550	ng	97
72) Anthracene	17.720	178	480168	51.698	ng	99
73) Carbazole	17.991	167	446364	48.859	ng	99
74) Di-n-butylphthalate	18.519	149	551032	49.820	ng	# 96
75) Fluoranthene	19.630	202	590017	51.117	ng	97
77) Benzidine	19.806	184	35450	12.940	ng	99
78) Pyrene	19.994	202	602232	49.771	ng	98
80) Butylbenzylphthalate	20.852	149	253407	49.124	ng	95
81) Benzo(a)anthracene	21.868	228	557140	48.964	ng	99
82) 3,3'-Dichlorobenzidine	21.769	252	105342	20.717	ng	# 99
83) Chrysene	21.939	228	533483	49.933	ng	96
84) Bis(2-ethylhexyl)phtha...	21.727	149	361607	50.324	ng	97
85) Di-n-octyl phthalate	22.991	149	613300	50.940	ng	99
87) Indeno(1,2,3-cd)pyrene	29.207	276	614860	50.536	ng	# 96
88) Benzo(b)fluoranthene	24.201	252	570409	54.581	ng	# 95
89) Benzo(k)fluoranthene	24.271	252	534502	50.420	ng	# 97
90) Benzo(a)pyrene	25.129	252	542998	59.877	ng	# 95
91) Dibenzo(a,h)anthracene	29.266	278	514392	51.320	ng	# 92
92) Benzo(g,h,i)perylene	30.441	276	513371	51.786	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

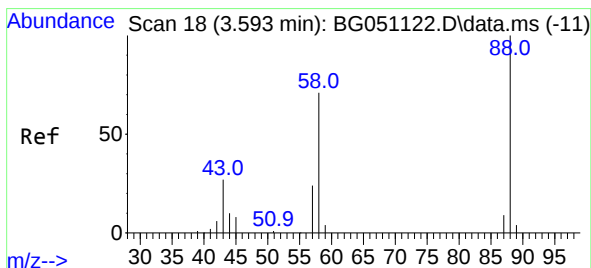
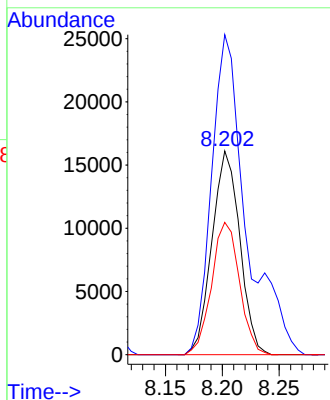
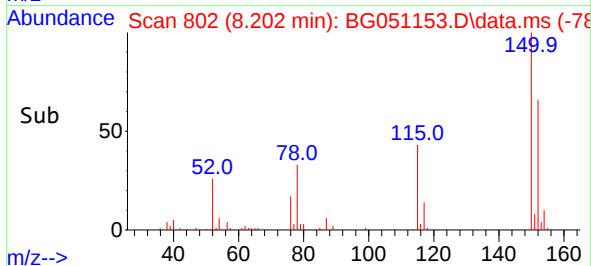
Instrument :
BNA_G
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VNJ-202MSD



Tgt Ion:152 Resp: 2747
Ion Ratio Lower Upper
152 100
150 157.1 119.4 179.0
115 65.0 60.2 90.4

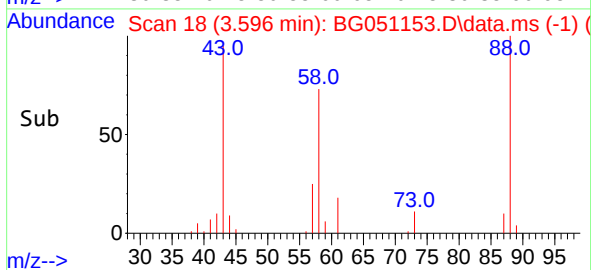
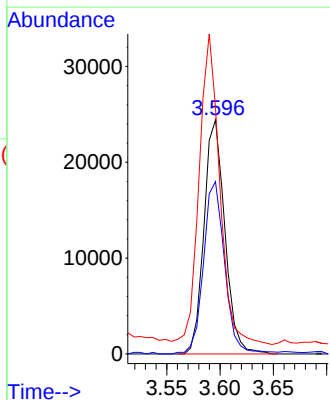
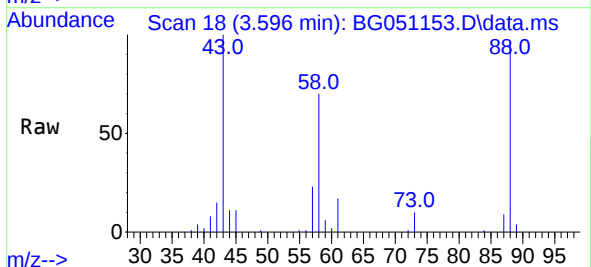
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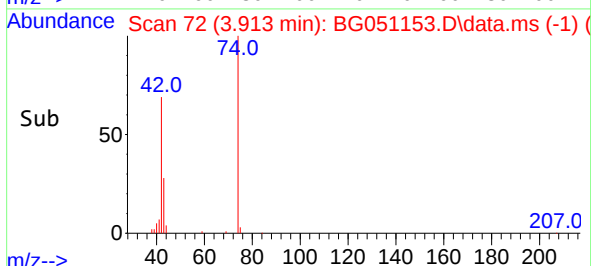
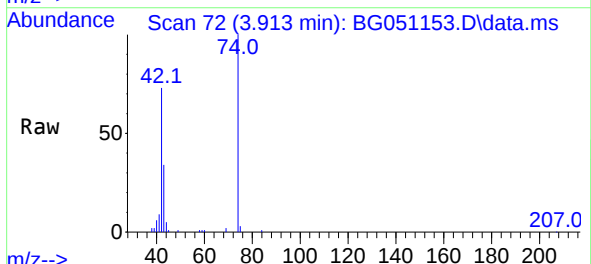
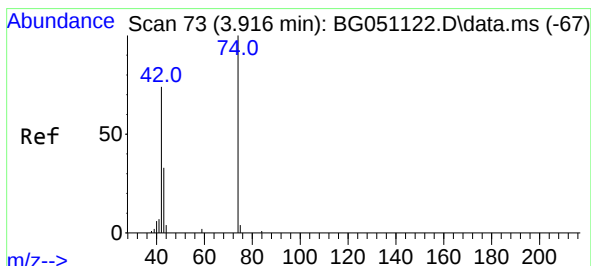
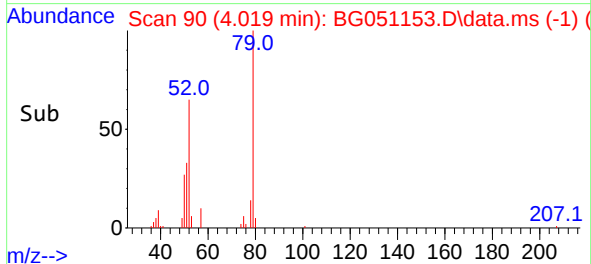
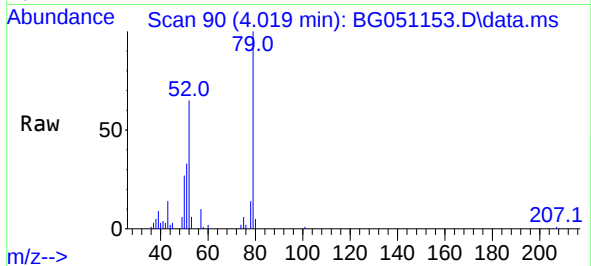
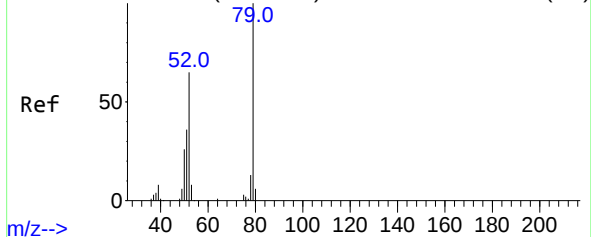


#2
1,4-Dioxane
Concen: 44.549 ng
RT: 3.596 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion: 88 Resp: 33199
Ion Ratio Lower Upper
88 100
58 74.9 55.7 83.5
43 131.2 29.3 43.9#



Abundance Scan 88 (4.004 min): BG051122.D\data.ms (-82)



#3
Pyridine
Concen: 12.031 ng
RT: 4.019 min Scan# 90
Delta R.T. 0.015 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion: 79 Resp: 2667
Ion Ratio Lower Upper
79 100
52 64.6 58.4 87.6
51 32.7 37.0 55.6

Instrument :

BNA_G

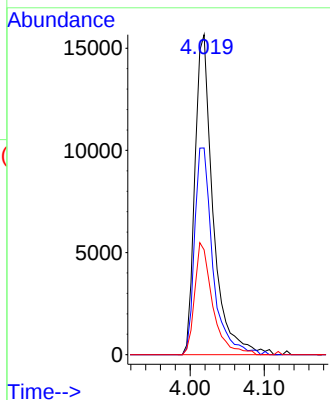
ClientSampleId :

VNJ-202MSD

Manual Integrations

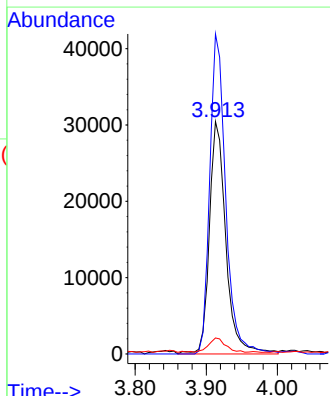
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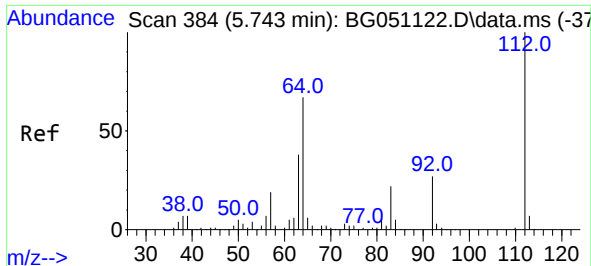
Reviewed By :Jagrut Upadhyay 11/22/2021
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#4
n-Nitrosodimethylamine
Concen: 51.722 ng
RT: 3.913 min Scan# 72
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion: 42 Resp: 49302
Ion Ratio Lower Upper
42 100
74 137.6 64.0 96.0#
44 6.9 2.7 4.1#





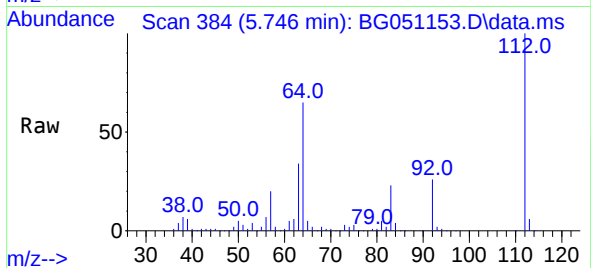
#5
2-Fluorophenol
Concen: 151.236 ng
RT: 5.746 min Scan# 384
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

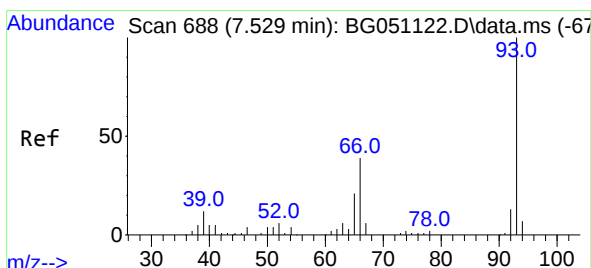
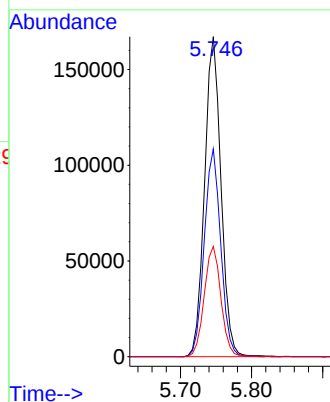


Tgt Ion:112 Resp: 268779
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 34.4 35.3 52.9

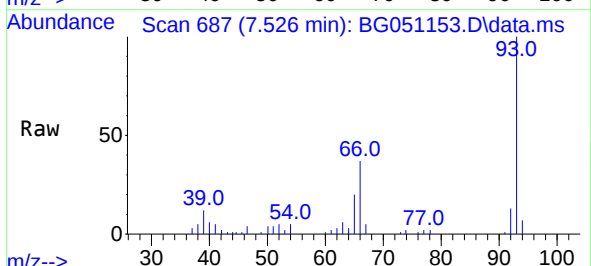
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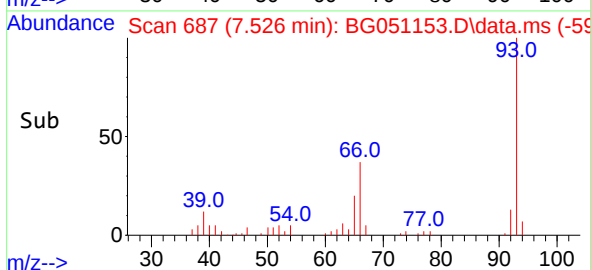
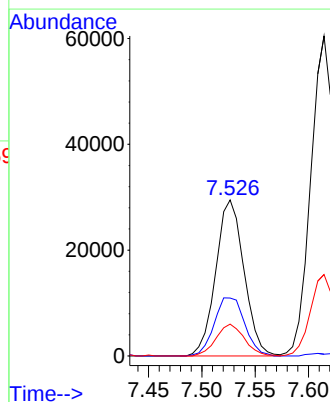
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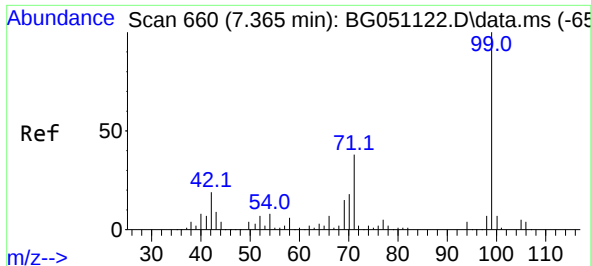


#6
Aniline
Concen: 18.283 ng
RT: 7.526 min Scan# 687
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion: 93 Resp: 54363
Ion Ratio Lower Upper
93 100
66 37.1 30.6 45.8
65 20.4 15.0 22.4





#7
Phenol-d6
Concen: 136.948 ng
RT: 7.362 min Scan# 659
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

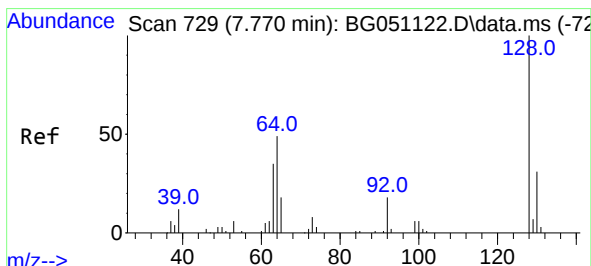
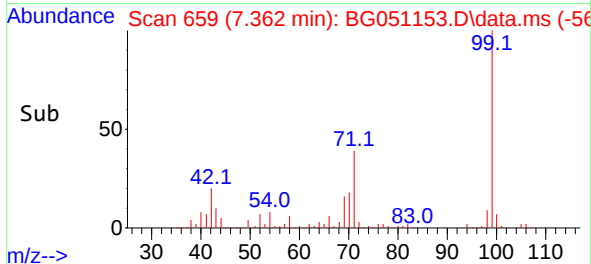
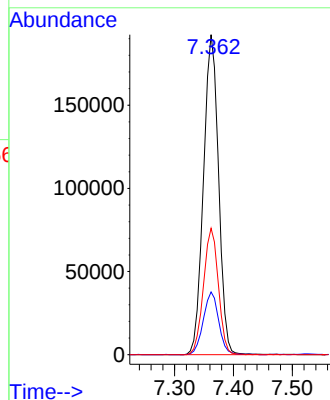
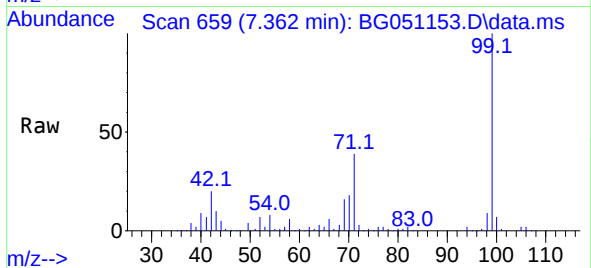
VNJ-202MSD

Tgt Ion: 99 Resp: 34279
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7
71 39.5 41.5 62.3

Manual Integrations

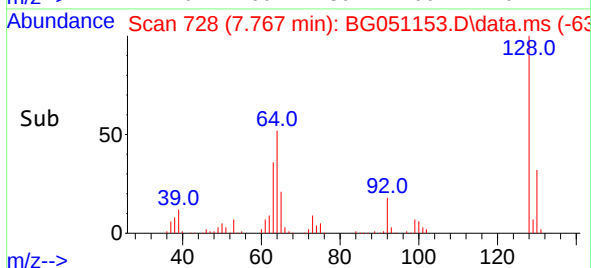
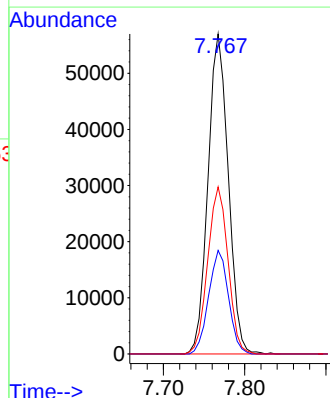
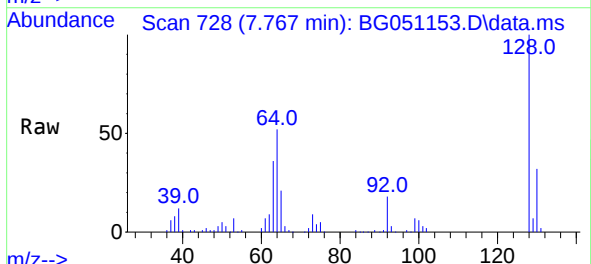
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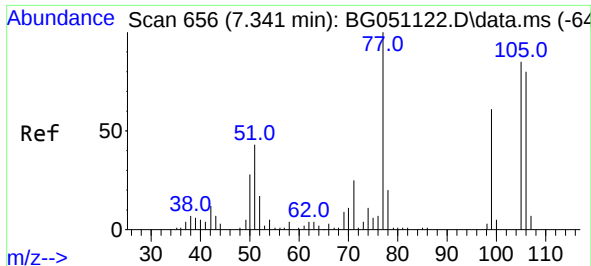
Reviewed By :Jagrut Upadhyay 11/22/2021
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#8
2-Chlorophenol
Concen: 52.906 ng
RT: 7.767 min Scan# 728
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:128 Resp: 98681
Ion Ratio Lower Upper
128 100
130 32.4 10.0 50.0
64 52.2 28.1 68.1





#9
Benzaldehyde
Concen: 36.392 ng
RT: 7.338 min Scan# 656
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

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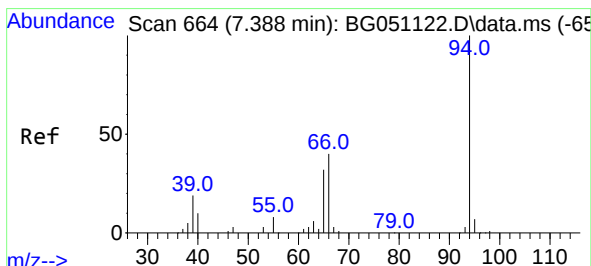
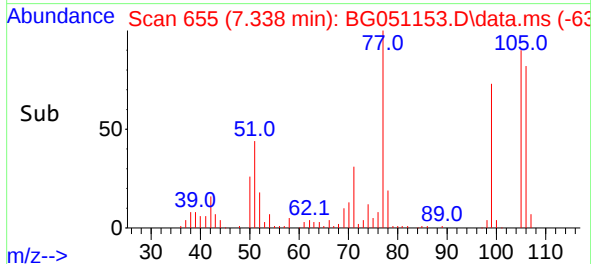
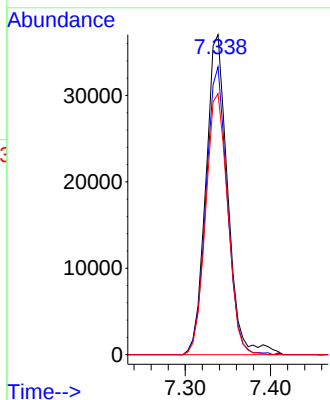
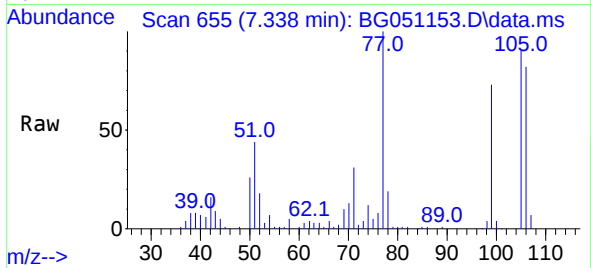
VNJ-202MSD

Tgt Ion: 77 Resp: 65900
Ion Ratio Lower Upper
77 100
105 89.9 68.8 108.8
106 81.6 47.9 87.9

Manual Integrations

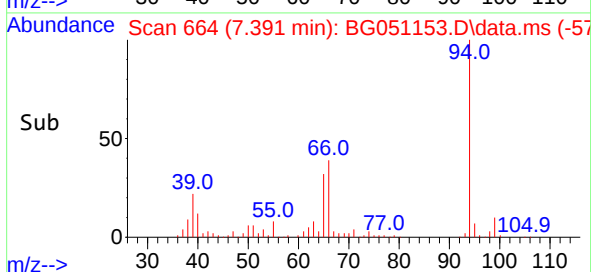
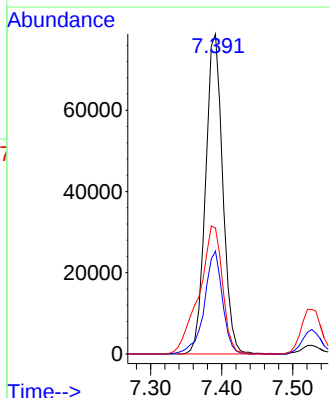
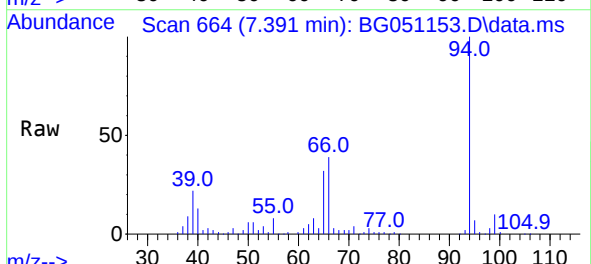
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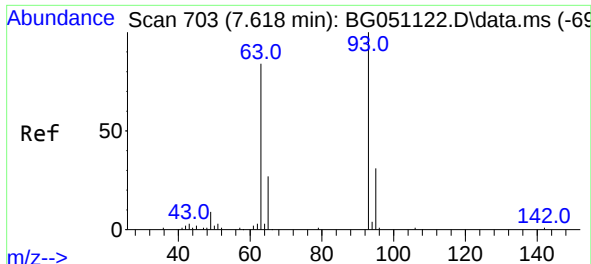
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#10
Phenol
Concen: 51.359 ng
RT: 7.391 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion: 94 Resp: 131971
Ion Ratio Lower Upper
94 100
65 32.2 12.9 52.9
66 39.3 39.4 79.4#





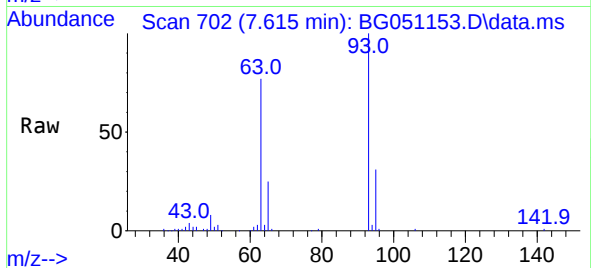
#11
bis(2-Chloroethyl)ether
Concen: 49.725 ng
RT: 7.615 min Scan# 703
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

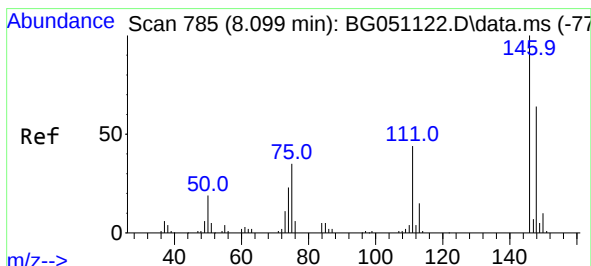
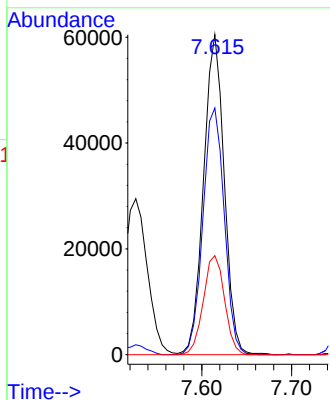
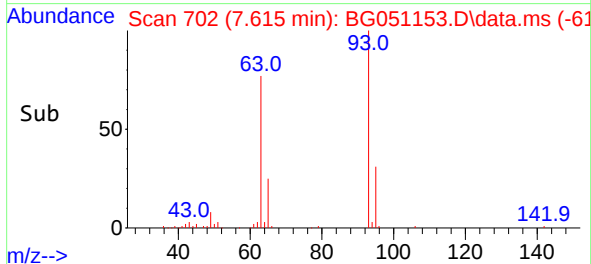
VNJ-202MSD



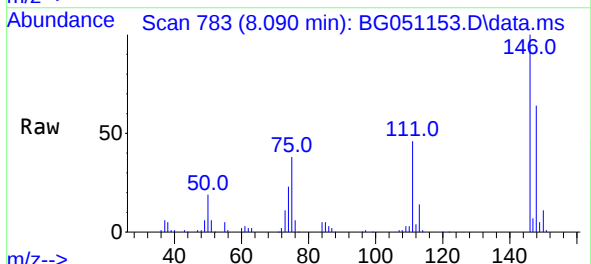
Tgt Ion: 93 Resp: 9659
Ion Ratio Lower Upper
93 100
63 77.1 50.4 90.4
95 31.0 15.3 55.3

Manual Integrations
APPROVED

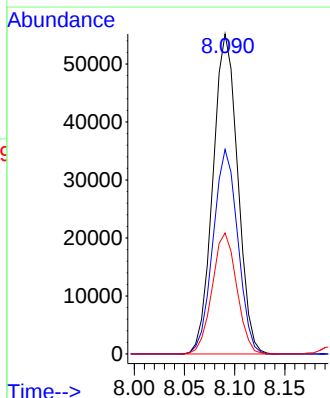
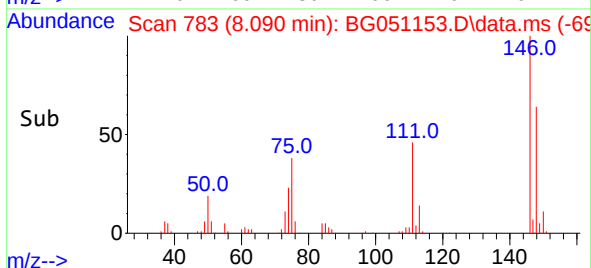
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

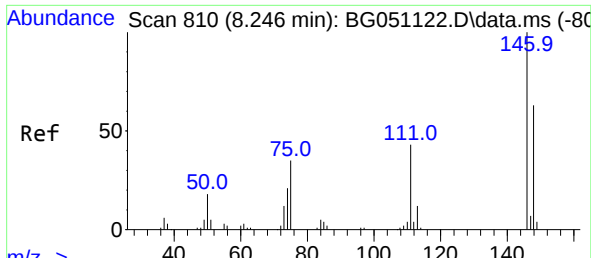


#12
1,3-Dichlorobenzene
Concen: 47.337 ng
RT: 8.090 min Scan# 783
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



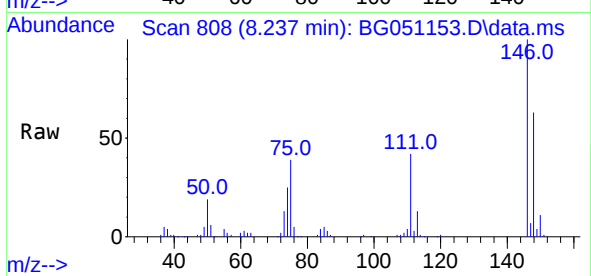
Tgt Ion:146 Resp: 94460
Ion Ratio Lower Upper
146 100
148 63.9 52.6 78.8
75 37.8 35.7 53.5





#13
1,4-Dichlorobenzene
Concen: 46.665 ng
RT: 8.237 min Scan# 808
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

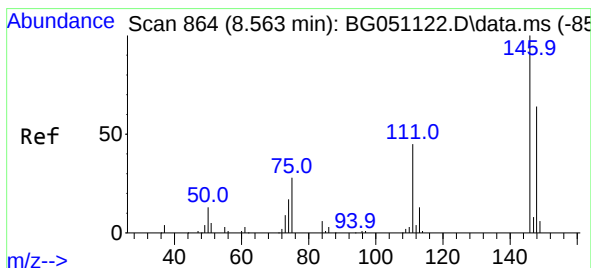
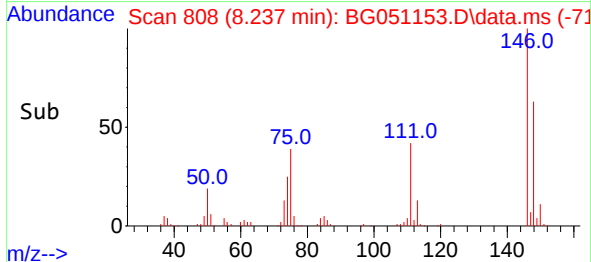
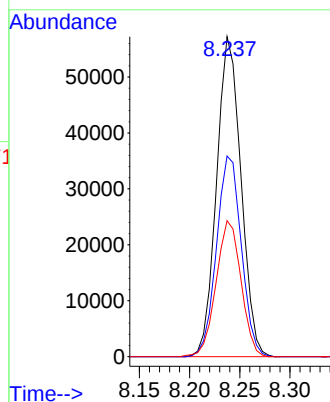
Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD



Tgt Ion:146 Resp: 96530
Ion Ratio Lower Upper
146 100
148 62.7 54.0 81.0
111 42.5 34.3 51.5

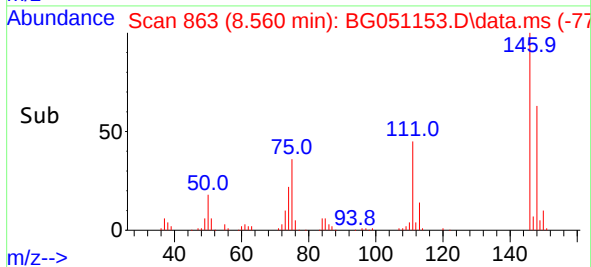
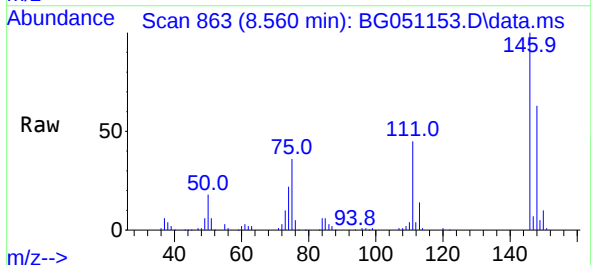
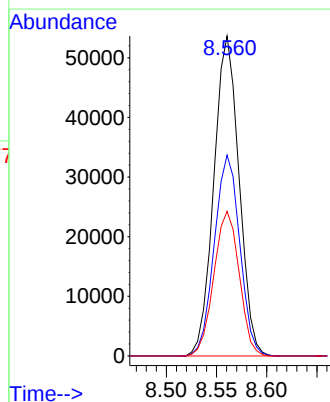
Manual Integrations
APPROVED

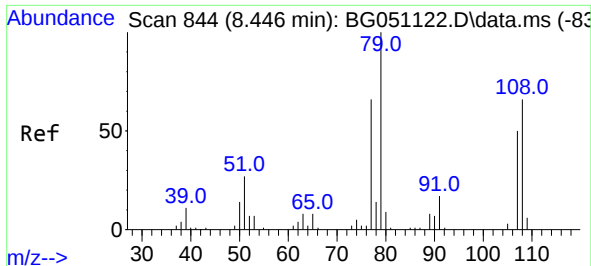
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#14
1,2-Dichlorobenzene
Concen: 47.738 ng
RT: 8.560 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:146 Resp: 93679
Ion Ratio Lower Upper
146 100
148 62.7 47.5 71.3
111 45.2 39.1 58.7





#15
Benzyl Alcohol
Concen: 50.657 ng
RT: 8.443 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

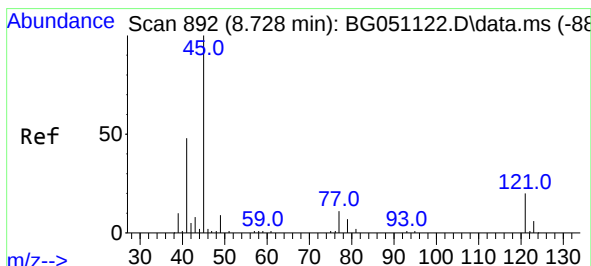
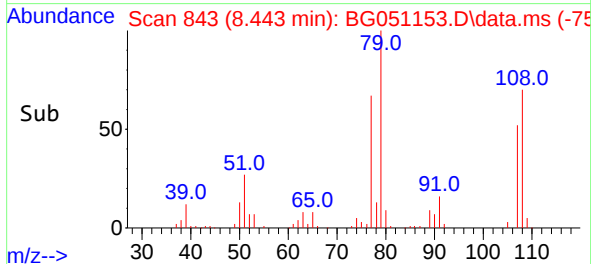
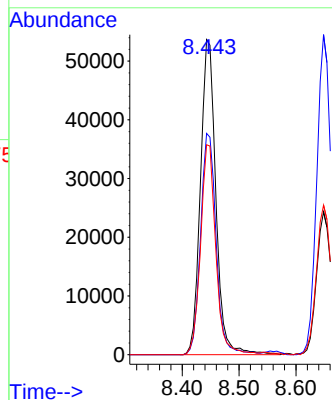
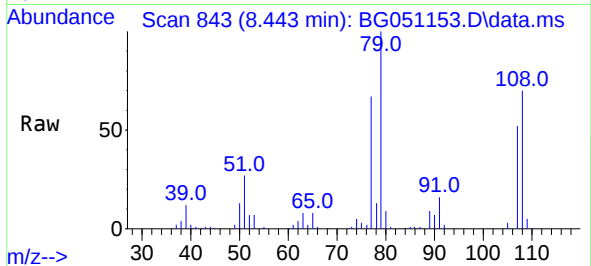
VNJ-202MSD

Tgt Ion: 79 Resp: 101310
Ion Ratio Lower Upper
79 100
108 70.2 48.2 72.4
77 66.6 57.3 85.9

Manual Integrations

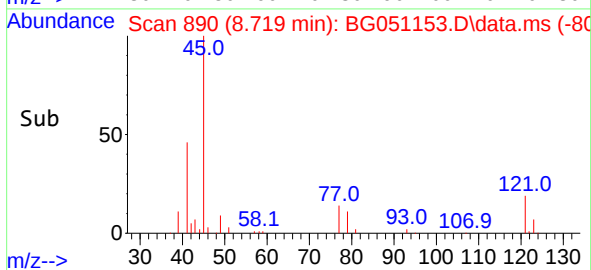
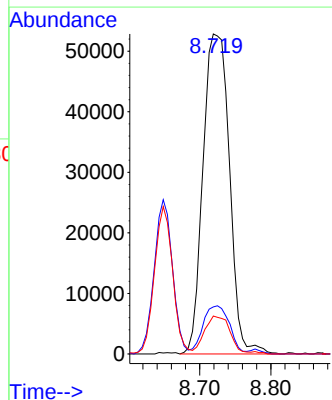
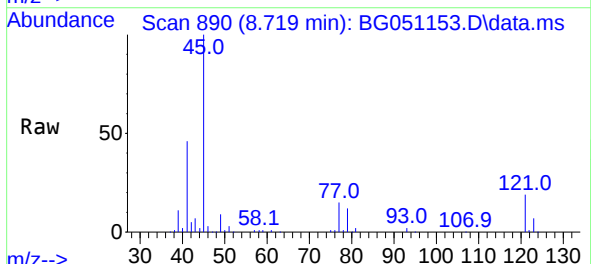
APPROVED

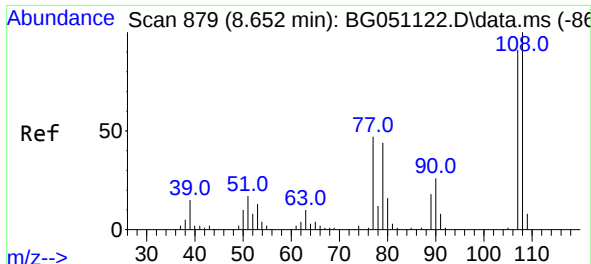
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.686 ng
RT: 8.719 min Scan# 890
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion: 45 Resp: 136721
Ion Ratio Lower Upper
45 100
77 14.7 2.2 42.2
79 11.9 0.0 34.3





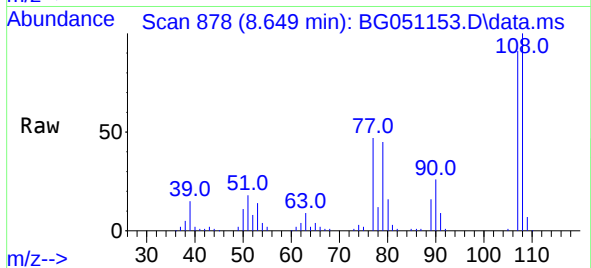
#17
2-Methylphenol
Concen: 51.078 ng
RT: 8.649 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

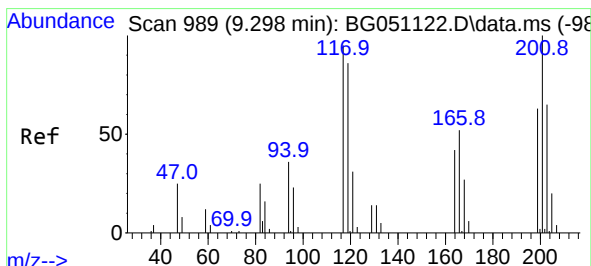
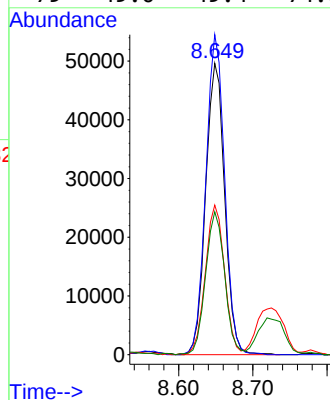
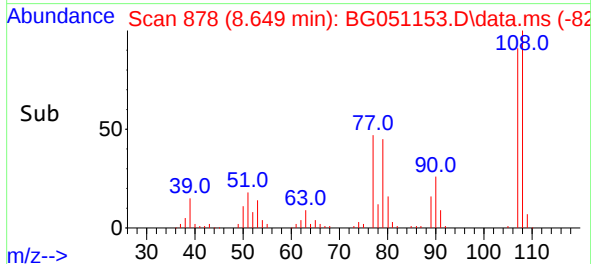


Tgt Ion:107 Resp: 88600
Ion Ratio Lower Upper
107 100
108 109.8 84.6 127.0
77 51.3 50.7 76.1
79 49.0 49.4 74.0#

Manual Integrations

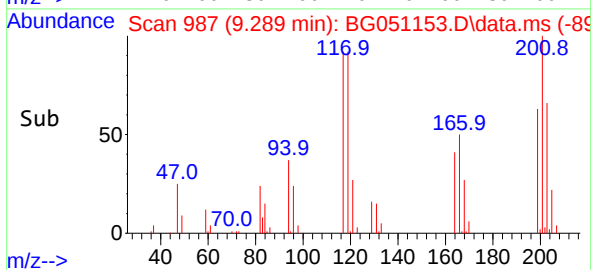
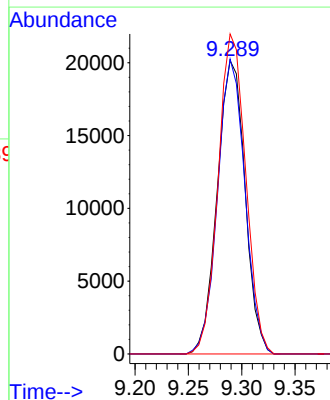
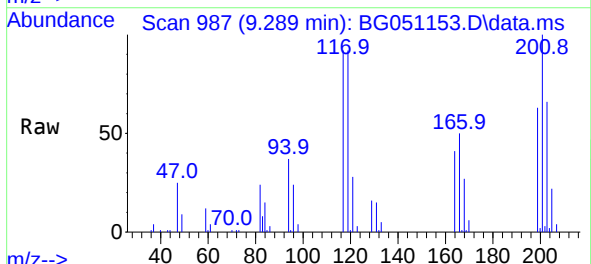
APPROVED

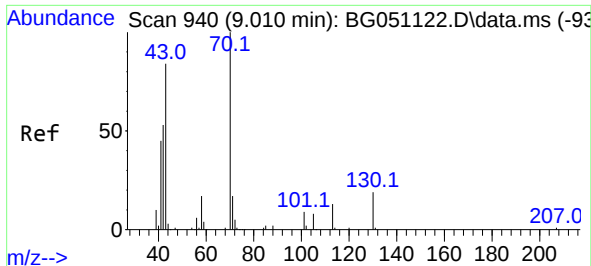
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#18
Hexachloroethane
Concen: 47.193 ng
RT: 9.289 min Scan# 987
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:117 Resp: 36482
Ion Ratio Lower Upper
117 100
119 100.5 74.4 111.6
201 109.1 88.6 133.0





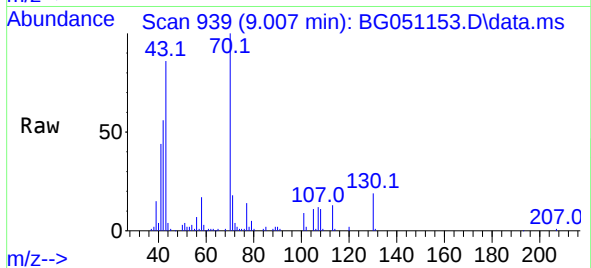
#19
n-Nitroso-di-n-propylamine
Concen: 46.312 ng
RT: 9.007 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

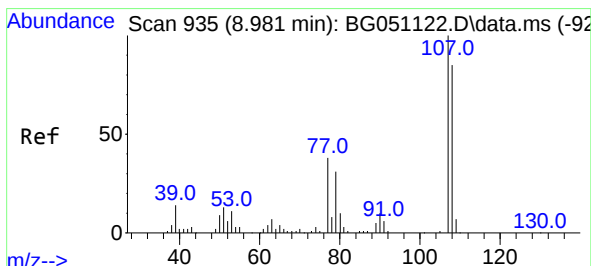
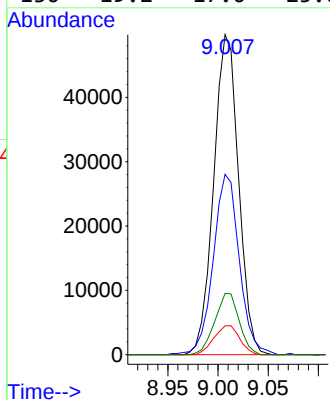
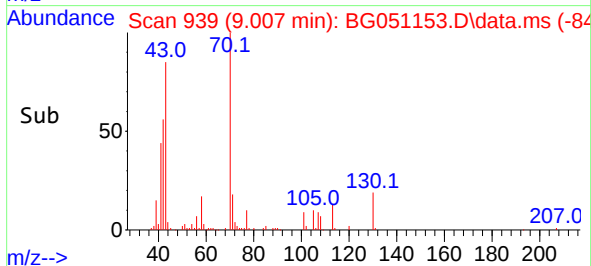


Tgt Ion: 70 Resp: 8556
Ion Ratio Lower Upper
70 100
42 56.4 54.5 81.7
101 9.0 9.0 13.6
130 19.2 17.0 25.6

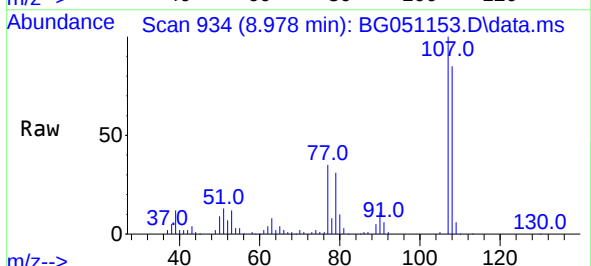
Manual Integrations

APPROVED

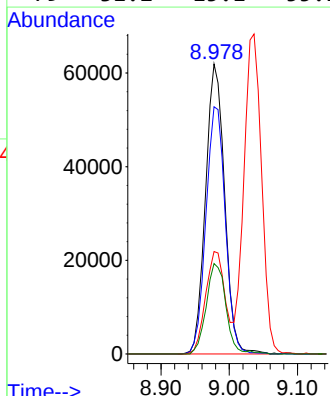
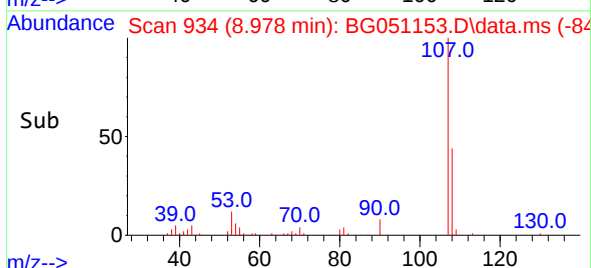
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

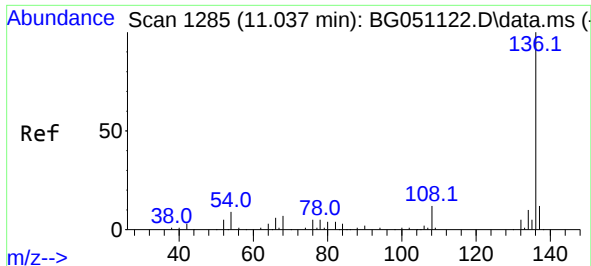


#20
3+4-Methylphenols
Concen: 48.758 ng
RT: 8.978 min Scan# 934
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:107 Resp: 120540
Ion Ratio Lower Upper
107 100
108 85.3 69.3 109.3
77 35.3 25.2 65.2
79 31.2 15.1 55.1





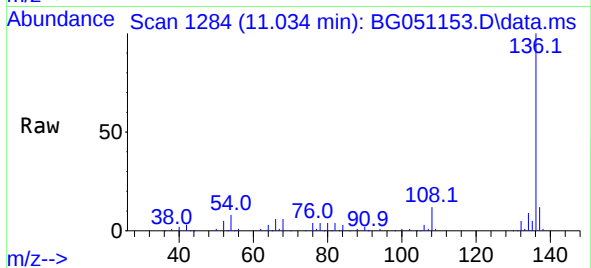
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

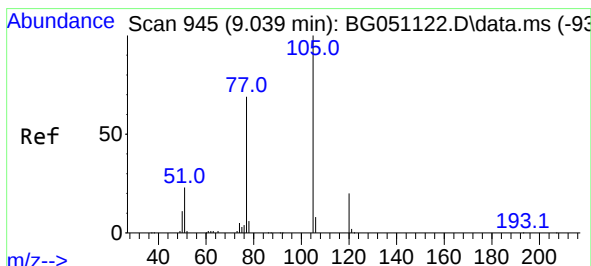
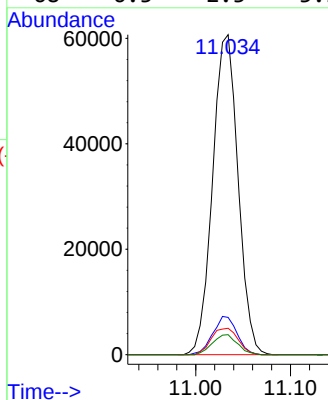
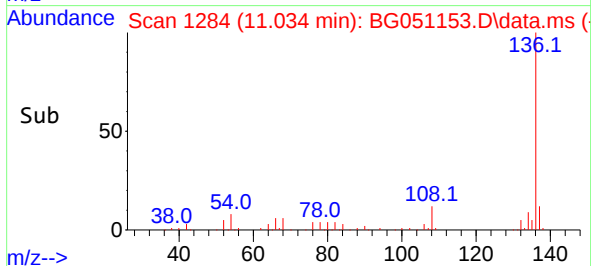


Tgt Ion:136 Resp: 11320
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 8.2 5.5 8.3
68 6.3 2.3 3.5#

Manual Integrations

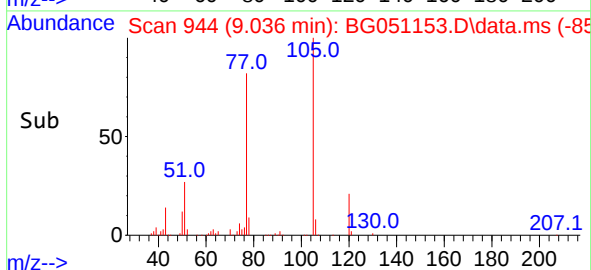
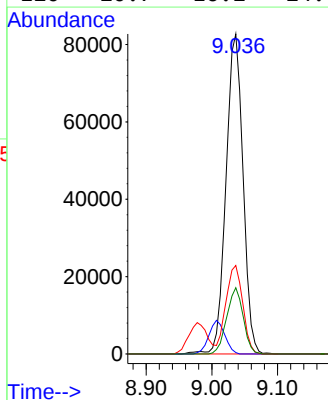
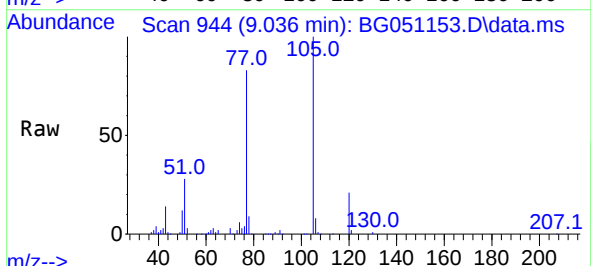
APPROVED

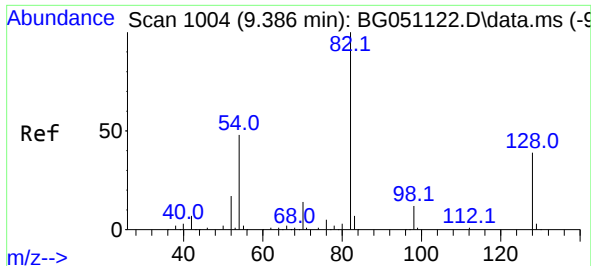
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#22
Acetophenone
Concen: 48.727 ng
RT: 9.036 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:105 Resp: 149024
Ion Ratio Lower Upper
105 100
71 0.4 0.6 0.8#
51 27.7 26.6 40.0
120 20.7 16.2 24.4





#23
Nitrobenzene-d5
Concen: 96.324 ng
RT: 9.383 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

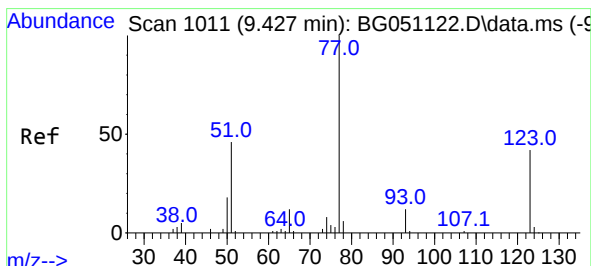
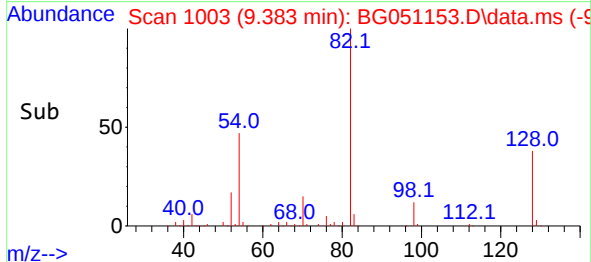
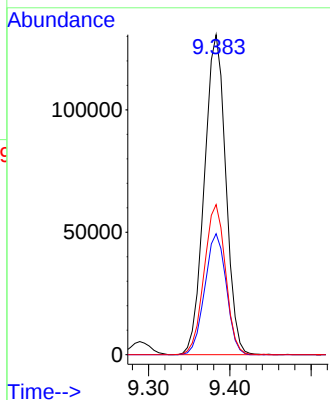
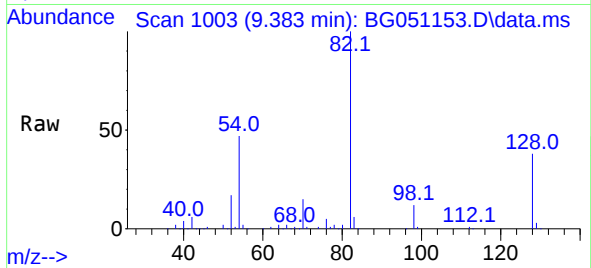
VNJ-202MSD

Tgt Ion: 82 Resp: 238879
Ion Ratio Lower Upper
82 100
128 37.8 29.8 44.6
54 46.9 45.8 68.8

Manual Integrations

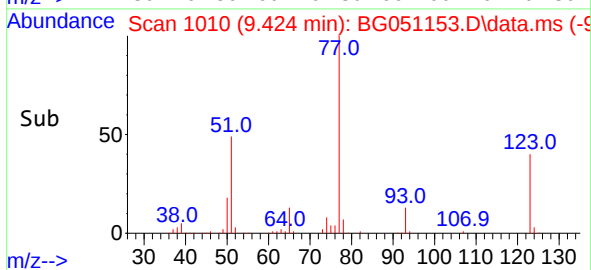
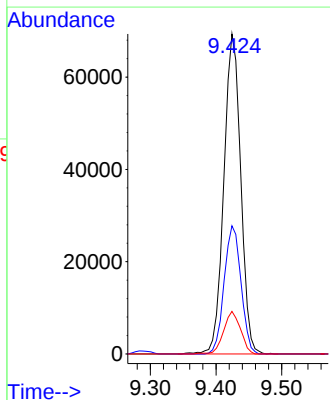
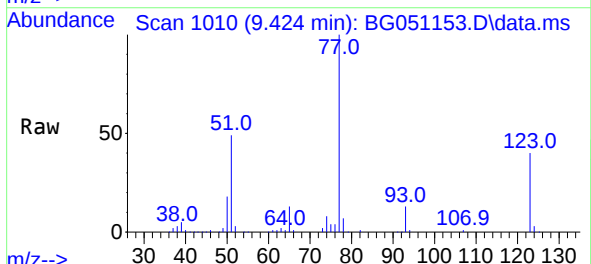
APPROVED

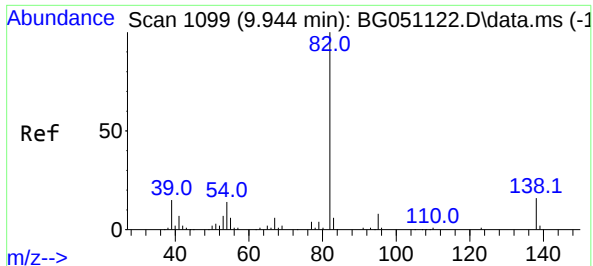
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#24
Nitrobenzene
Concen: 51.453 ng
RT: 9.424 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion: 77 Resp: 123749
Ion Ratio Lower Upper
77 100
123 40.0 27.5 41.3
65 13.3 12.6 18.8





#25
Isophorone
Concen: 49.080 ng
RT: 9.941 min Scan# 1099
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

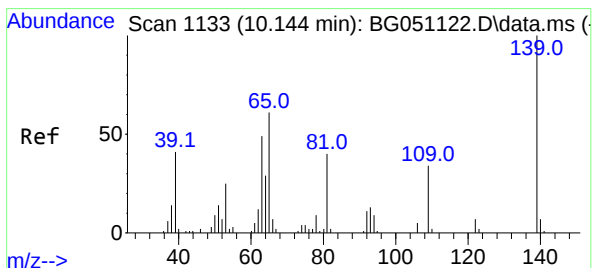
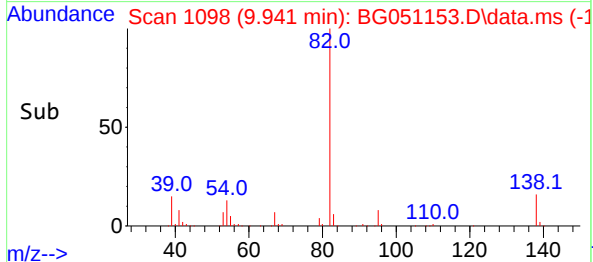
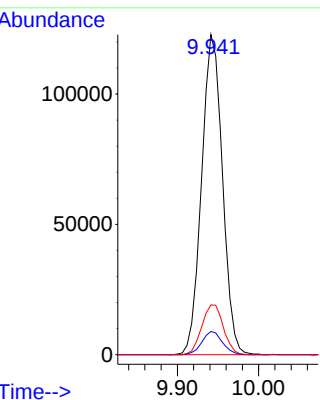
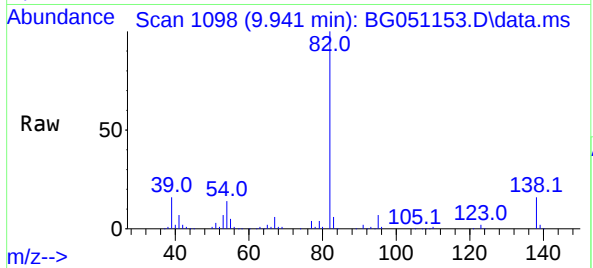
VNJ-202MSD

Tgt Ion: 82 Resp: 219129
Ion Ratio Lower Upper
82 100
95 7.2 8.5 12.7
138 15.5 11.8 17.6

Manual Integrations

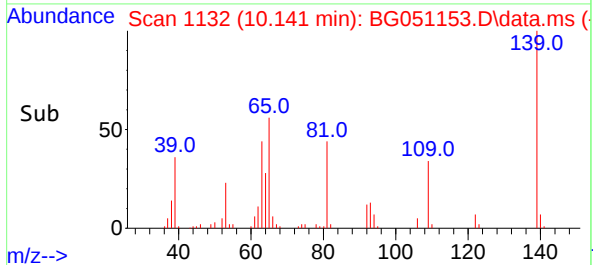
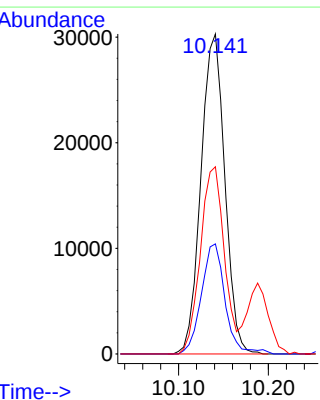
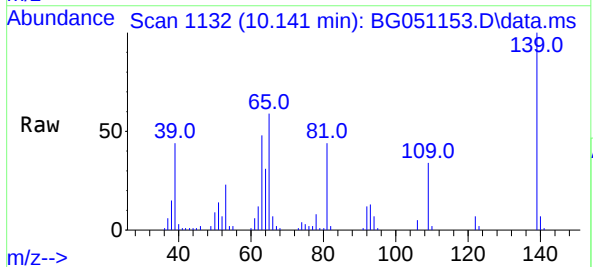
APPROVED

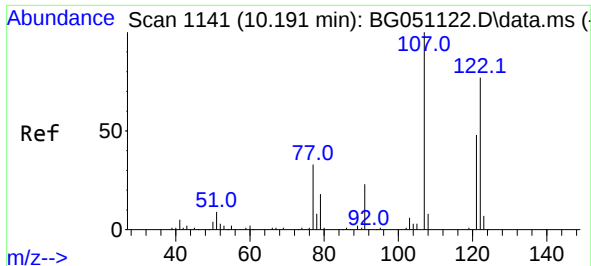
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#26
2-Nitrophenol
Concen: 51.289 ng
RT: 10.141 min Scan# 1132
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:139 Resp: 55841
Ion Ratio Lower Upper
139 100
109 34.4 37.8 56.6
65 58.5 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 58.735 ng
RT: 10.188 min Scan# 1141
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

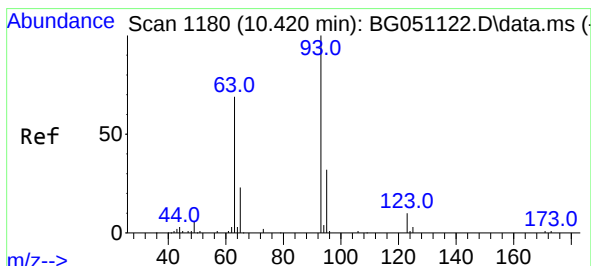
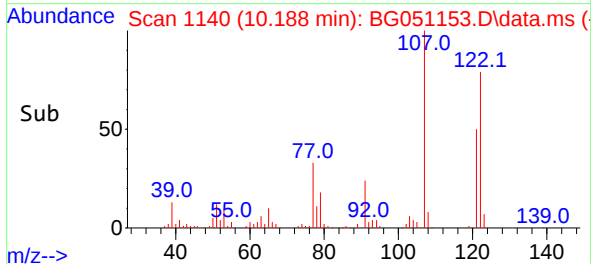
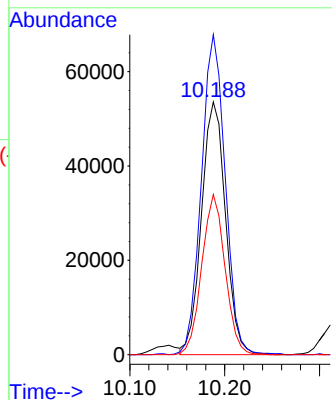
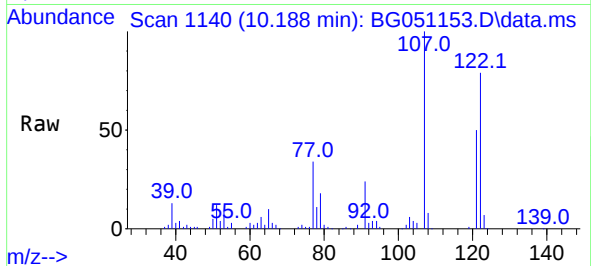
VNJ-202MSD

Tgt Ion:122 Resp: 9439
Ion Ratio Lower Upper
122 100
107 126.5 110.1 165.1
121 63.3 49.0 73.6

Manual Integrations

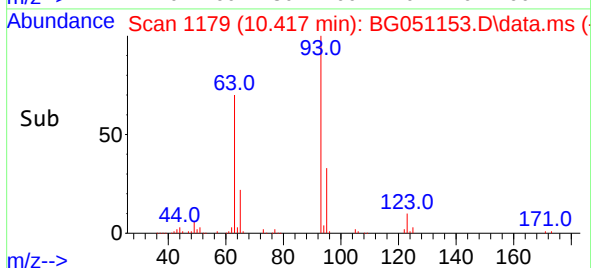
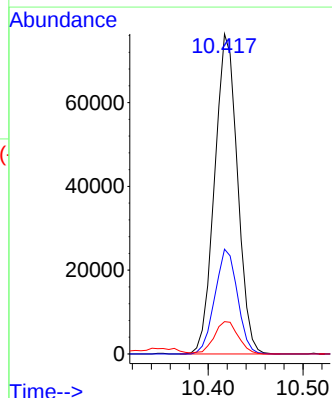
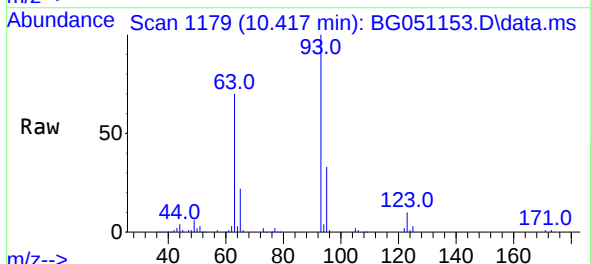
APPROVED

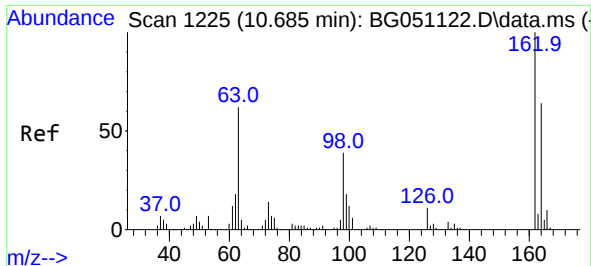
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#28
bis(2-Chloroethoxy)methane
Concen: 48.118 ng
RT: 10.417 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion: 93 Resp: 127928
Ion Ratio Lower Upper
93 100
95 32.8 22.2 33.4
123 10.1 8.8 13.2





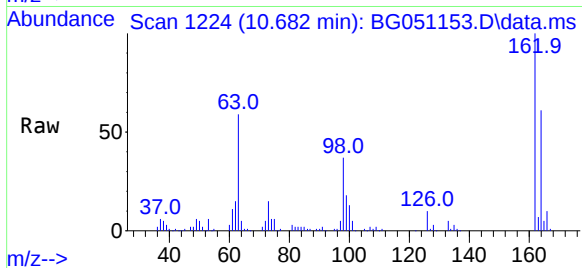
#29
2,4-Dichlorophenol
Concen: 52.808 ng
RT: 10.682 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

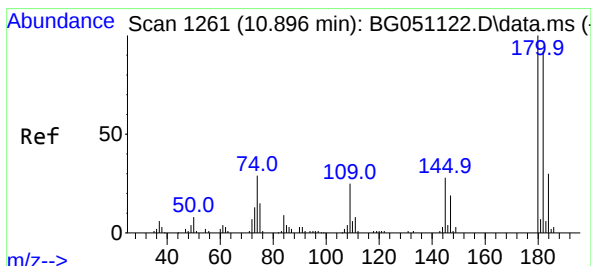
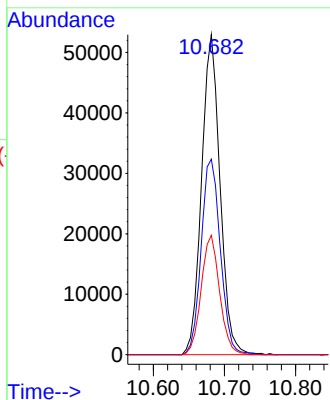
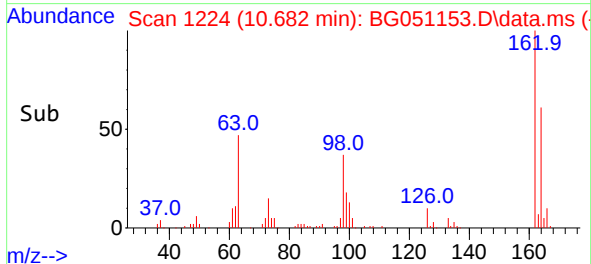


Tgt Ion:162 Resp: 95780
Ion Ratio Lower Upper
162 100
164 61.1 39.4 79.4
98 37.3 18.7 58.7

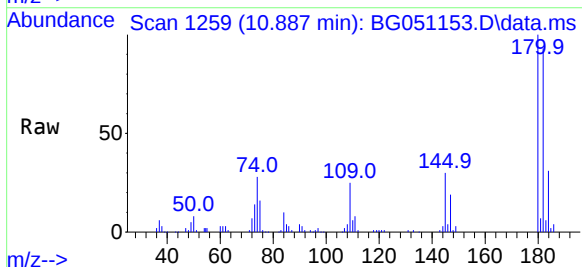
Manual Integrations

APPROVED

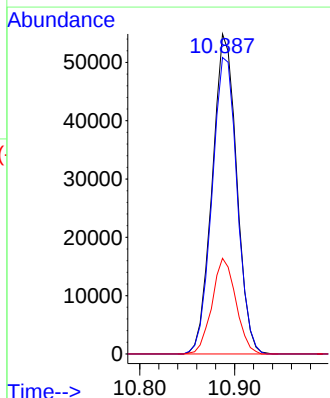
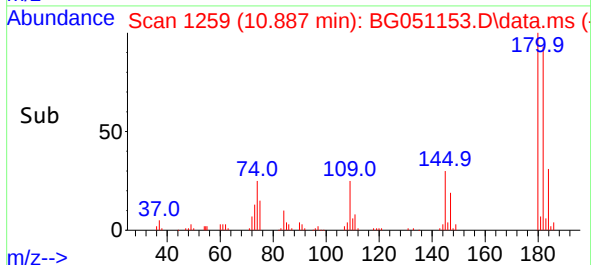
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

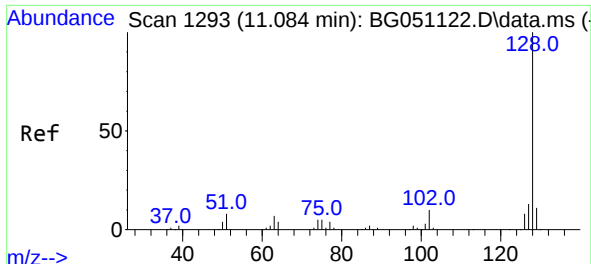


#30
1,2,4-Trichlorobenzene
Concen: 48.161 ng
RT: 10.887 min Scan# 1259
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:180 Resp: 98118
Ion Ratio Lower Upper
180 100
182 92.6 78.9 118.3
145 29.9 26.2 39.4





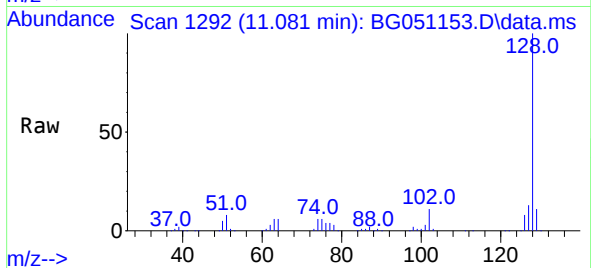
#31
Naphthalene
Concen: 48.284 ng
RT: 11.081 min Scan# 1129
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

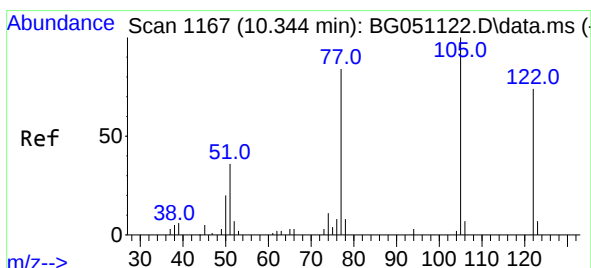
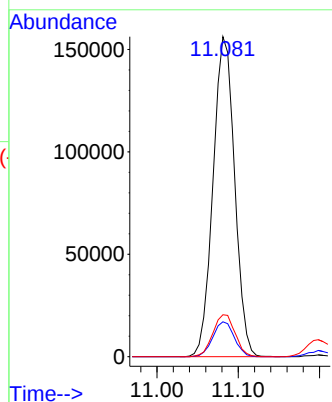


Tgt Ion:128 Resp: 288434
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.1 10.2 15.4

Manual Integrations

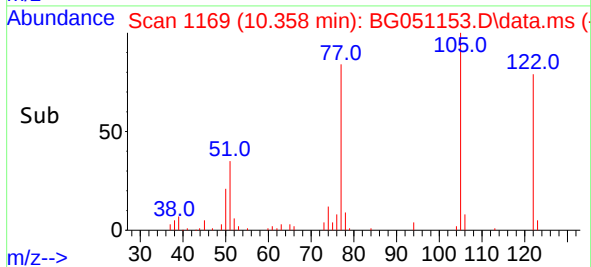
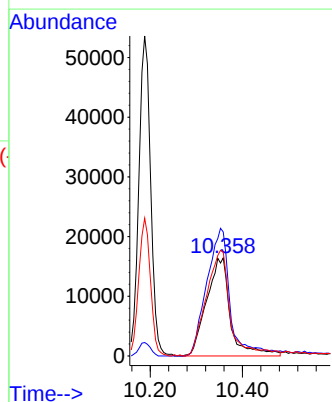
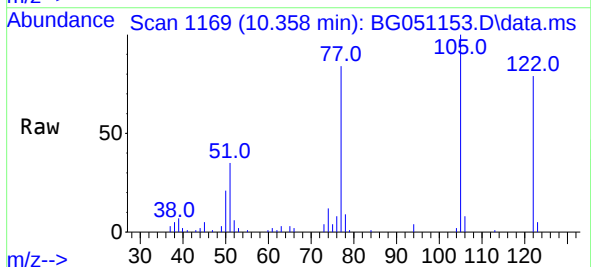
APPROVED

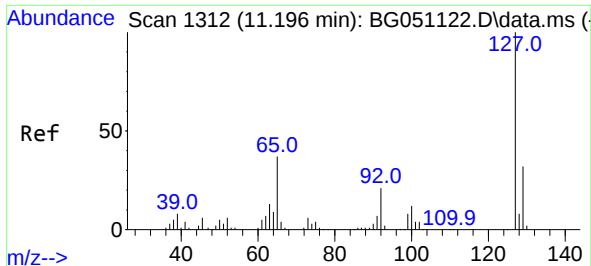
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#32
Benzoic acid
Concen: 51.851 ng
RT: 10.358 min Scan# 1169
Delta R.T. 0.014 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:122 Resp: 58981
Ion Ratio Lower Upper
122 100
105 126.4 92.3 132.3
77 105.9 66.5 106.5





#33
4-Chloroaniline
Concen: 7.255 ng
RT: 11.199 min Scan# 1119
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

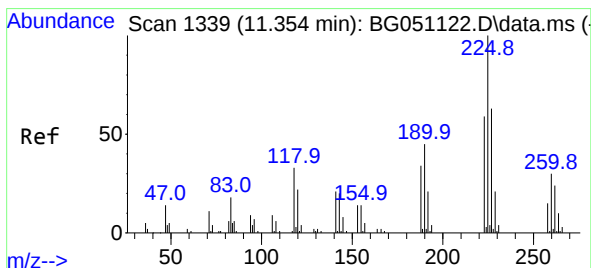
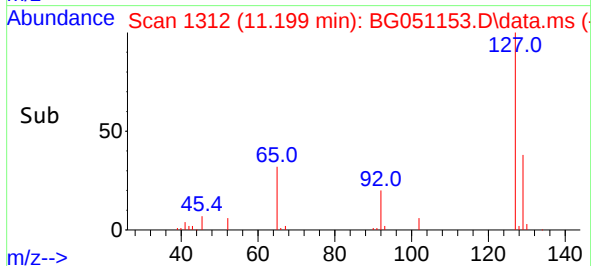
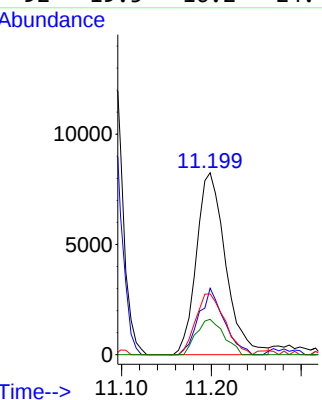
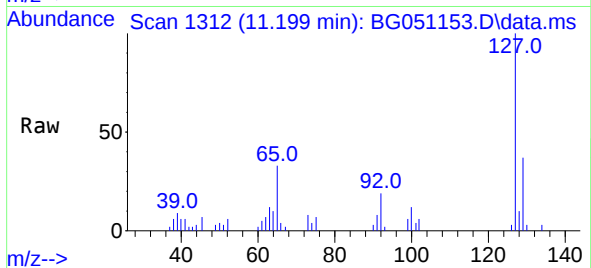
VNJ-202MSD

Tgt Ion:127 Resp: 18624
Ion Ratio Lower Upper
127 100
129 36.6 26.7 40.1
65 33.4 32.8 49.2
92 19.5 16.2 24.4

Manual Integrations

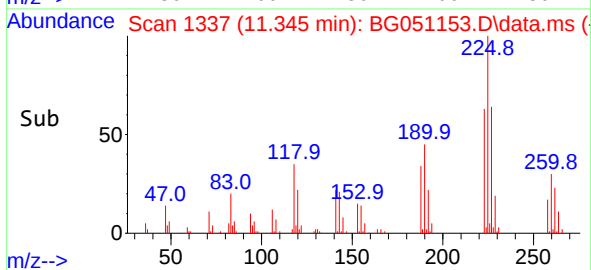
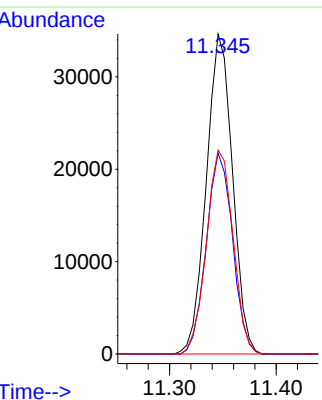
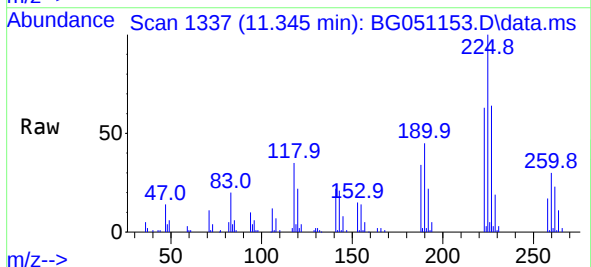
APPROVED

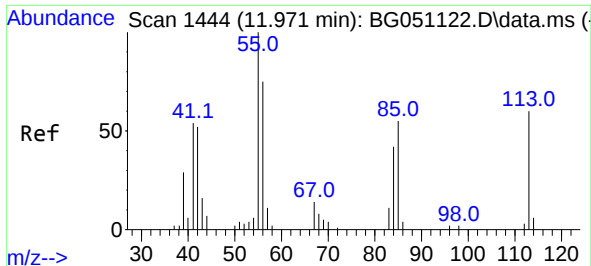
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#34
Hexachlorobutadiene
Concen: 46.939 ng
RT: 11.345 min Scan# 1337
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:225 Resp: 59042
Ion Ratio Lower Upper
225 100
223 62.8 49.8 74.8
227 63.7 46.4 69.6





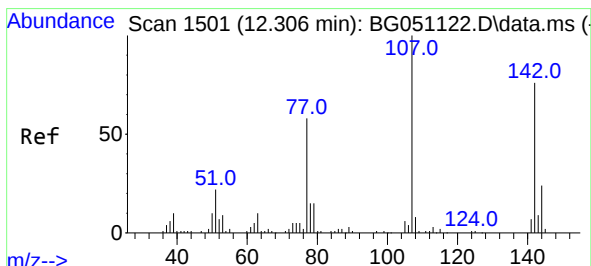
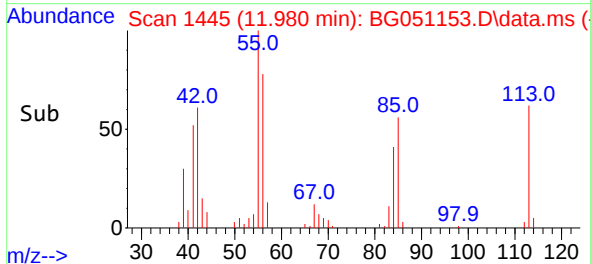
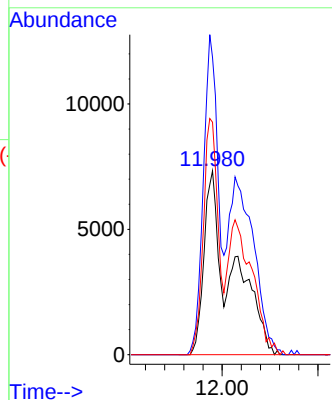
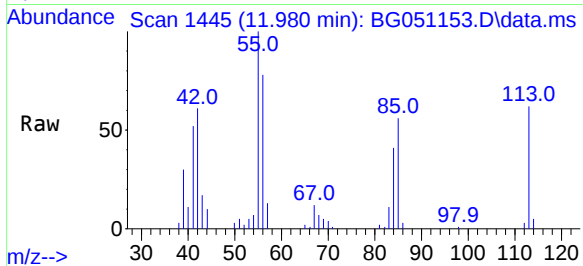
#35
Caprolactam
Concen: 60.590 ng m
RT: 11.980 min Scan# 1444
Delta R.T. 0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD

Tgt Ion:113 Resp: 29349
Ion Ratio Lower Upper
113 100
55 161.7 113.8 153.8
56 126.4 105.6 145.6

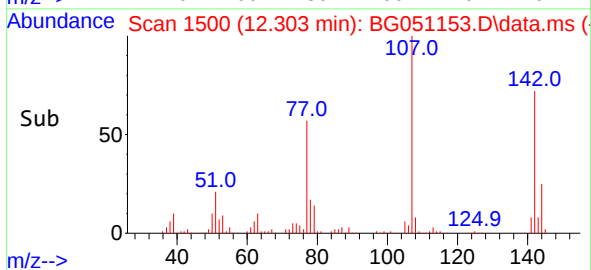
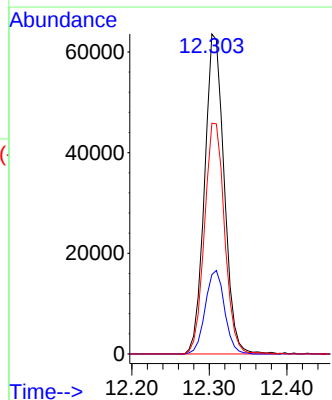
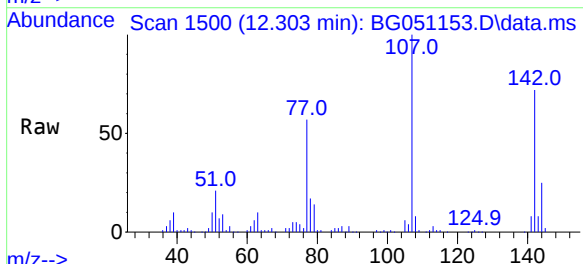
Manual Integrations
APPROVED

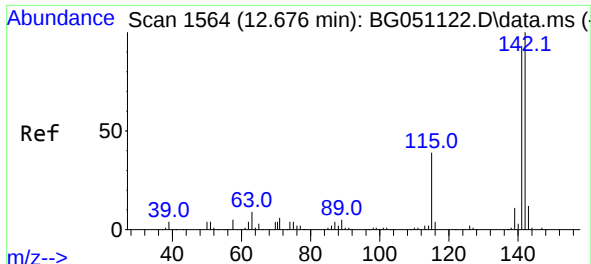
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#36
4-Chloro-3-methylphenol
Concen: 49.724 ng
RT: 12.303 min Scan# 1500
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:107 Resp: 111354
Ion Ratio Lower Upper
107 100
144 24.8 24.8 37.2
142 72.1 62.2 93.4





#37

2-Methylnaphthalene

Concen: 48.842 ng

RT: 12.673 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG051153.D

Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

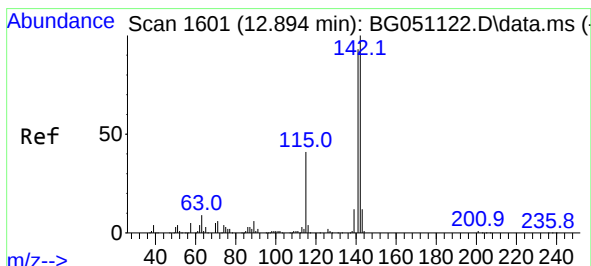
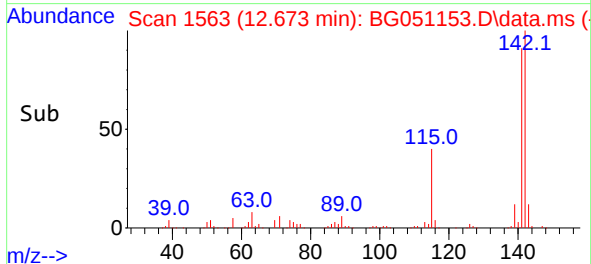
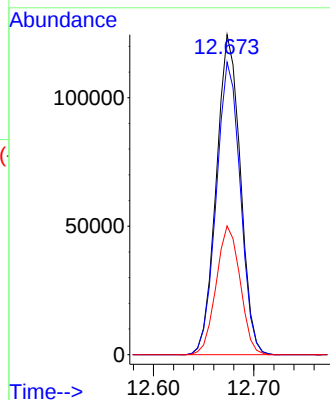
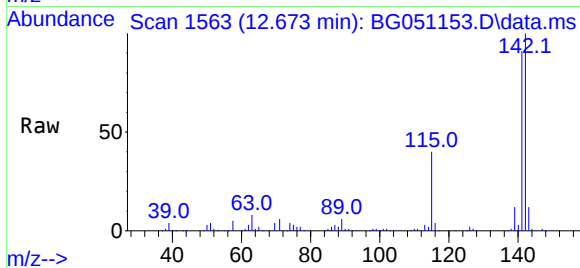
VNJ-202MSD

Tgt Ion:142 Resp: 20670
 Ion Ratio Lower Upper
 142 100
 141 91.4 68.8 103.2
 115 40.3 36.4 54.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021



#38

1-Methylnaphthalene

Concen: 46.101 ng

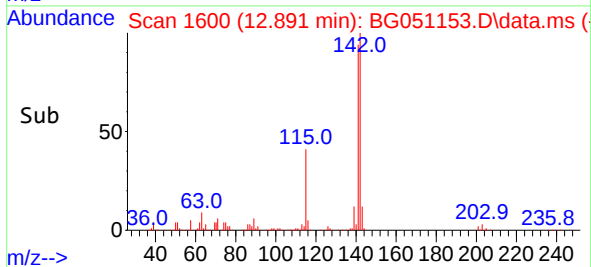
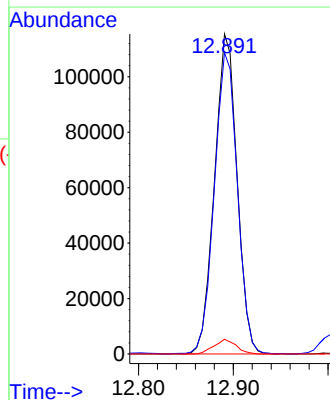
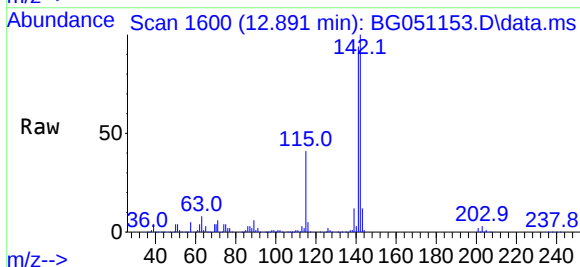
RT: 12.891 min Scan# 1600

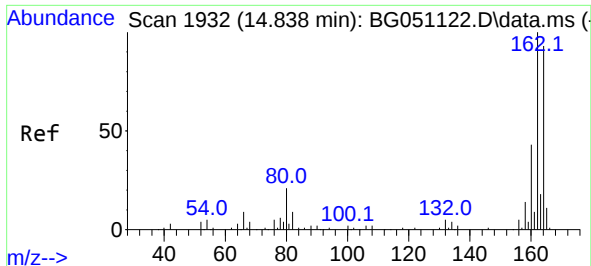
Delta R.T. -0.003 min

Lab File: BG051153.D

Acq: 20 Nov 2021 18:36

Tgt Ion:142 Resp: 190479
 Ion Ratio Lower Upper
 142 100
 141 94.2 70.6 106.0
 116 4.6 4.0 6.0





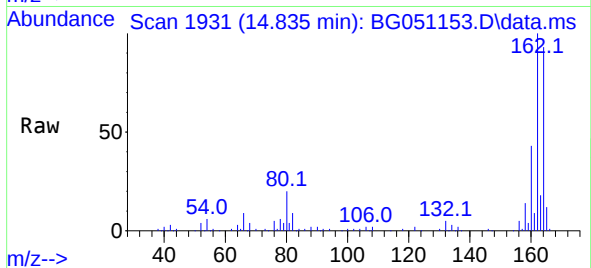
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.835 min Scan# 1932
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

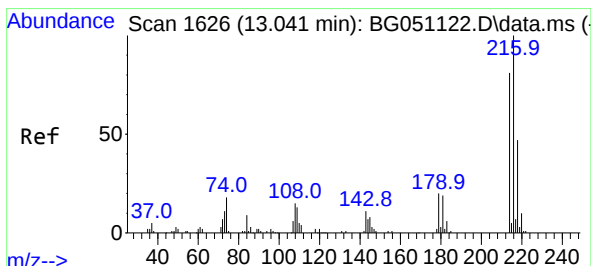
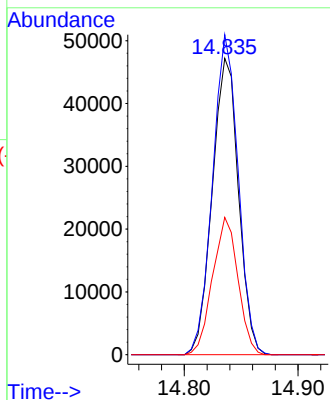
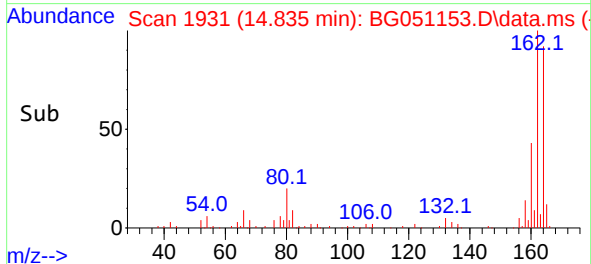


Tgt Ion:164 Resp: 75550
Ion Ratio Lower Upper
164 100
162 108.0 81.4 122.0
160 46.3 34.9 52.3

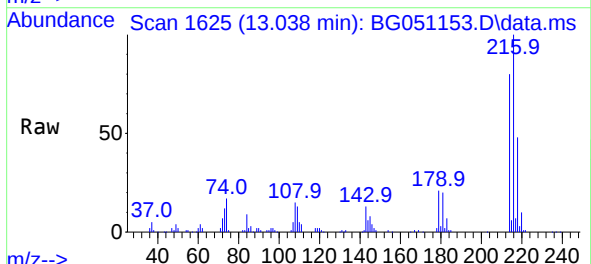
Manual Integrations

APPROVED

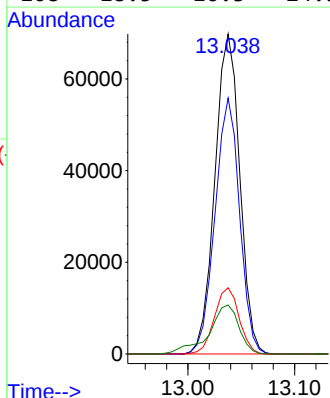
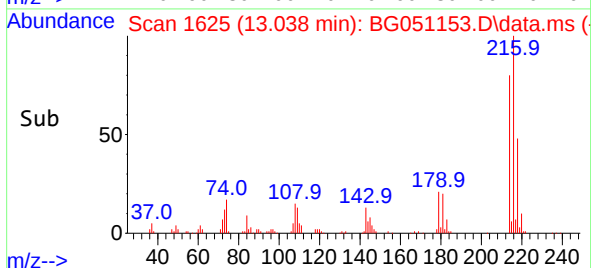
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

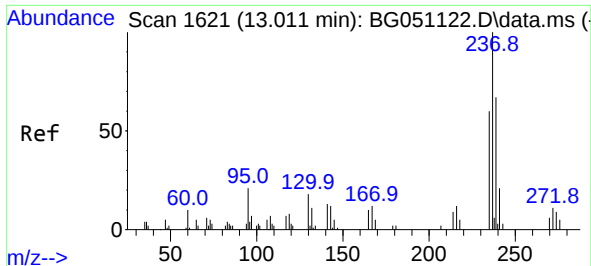


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.234 ng
RT: 13.038 min Scan# 1625
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:216 Resp: 113046
Ion Ratio Lower Upper
216 100
214 78.8 61.4 92.2
179 20.5 17.3 25.9
108 18.5 16.3 24.5





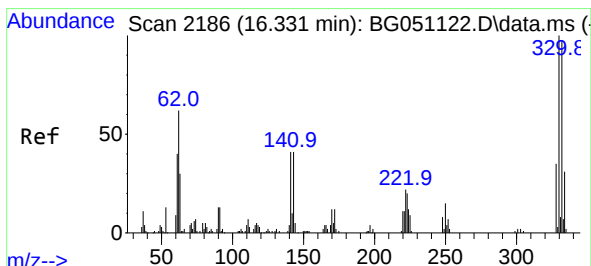
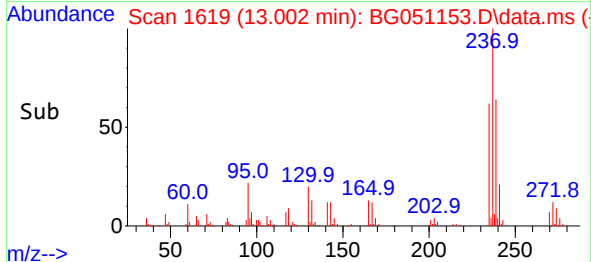
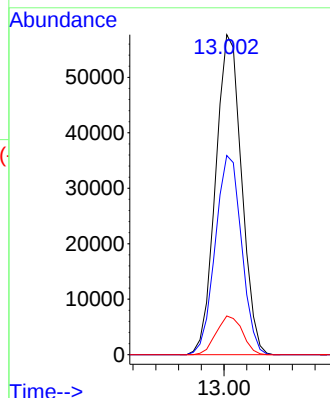
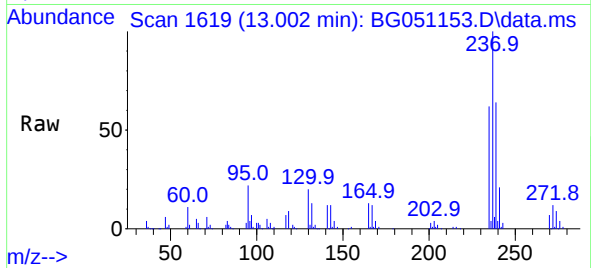
#41
Hexachlorocyclopentadiene
Concen: 135.668 ng
RT: 13.002 min Scan# 1619
Delta R.T. -0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD

Tgt Ion:237 Resp: 91662
Ion Ratio Lower Upper
237 100
235 62.3 36.6 76.6
272 12.1 0.0 32.5

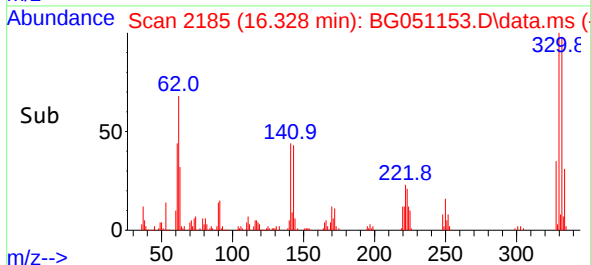
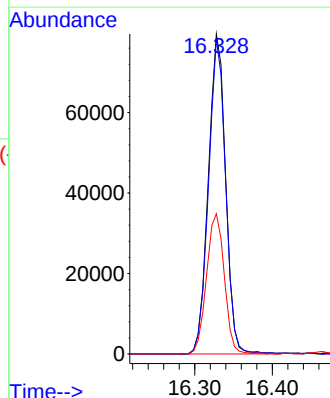
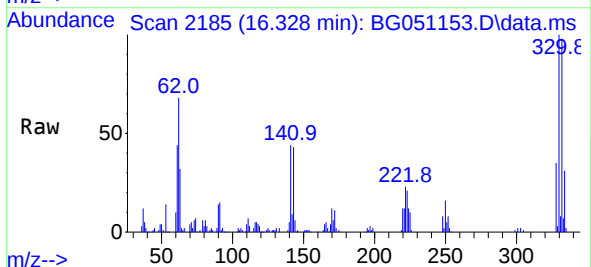
Manual Integrations
APPROVED

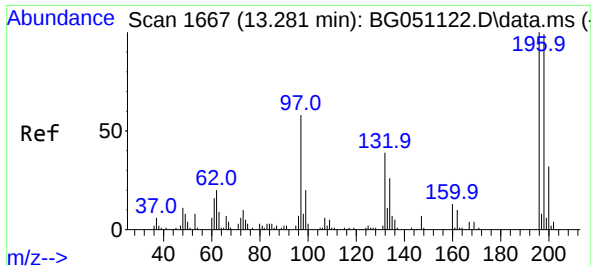
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#42
2,4,6-Tribromophenol
Concen: 153.186 ng
RT: 16.328 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:330 Resp: 123008
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 45.2 35.6 53.4





#43
2,4,6-Trichlorophenol
Concen: 52.392 ng
RT: 13.278 min Scan# 1666
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

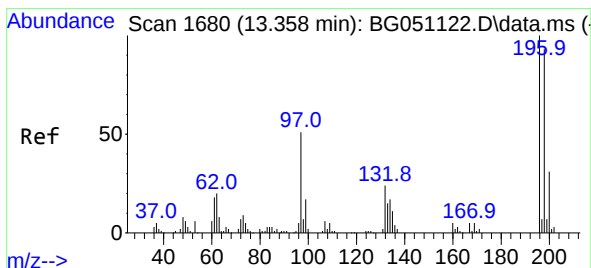
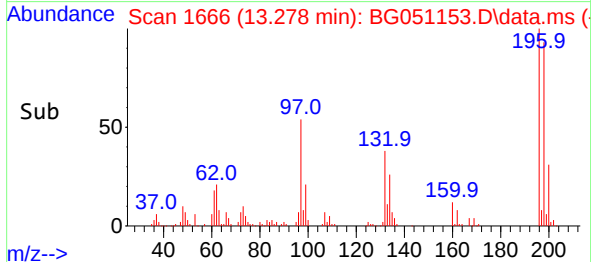
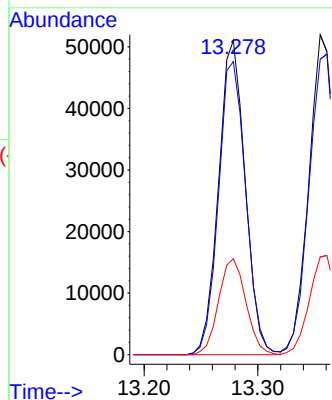
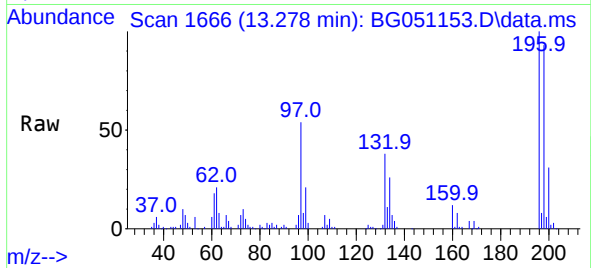
VNJ-202MSD

Tgt Ion:196 Resp: 8294
Ion Ratio Lower Upper
196 100
198 93.3 82.1 123.1
200 30.6 23.8 35.8

Manual Integrations

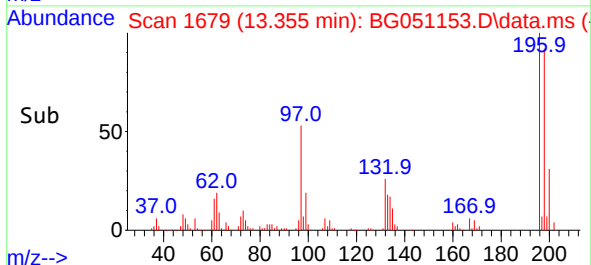
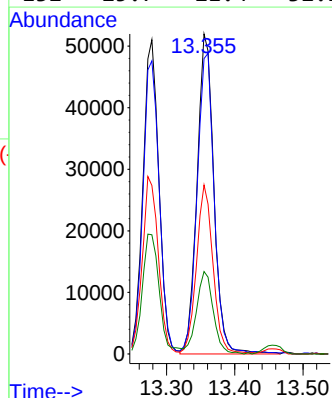
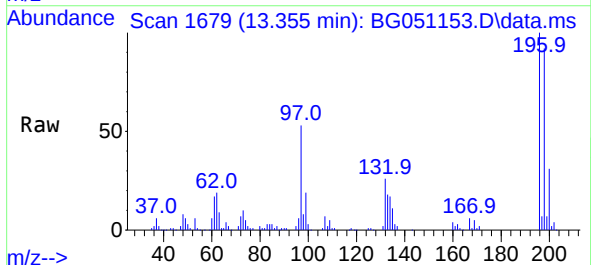
APPROVED

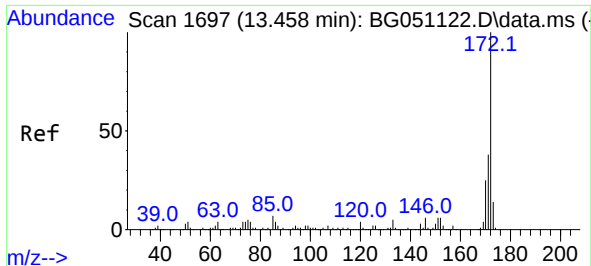
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#44
2,4,5-Trichlorophenol
Concen: 52.062 ng
RT: 13.355 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:196 Resp: 89084
Ion Ratio Lower Upper
196 100
198 92.3 87.4 131.0
97 52.8 43.3 64.9
132 25.7 21.4 32.2





#45
2-Fluorobiphenyl
Concen: 93.955 ng
RT: 13.455 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

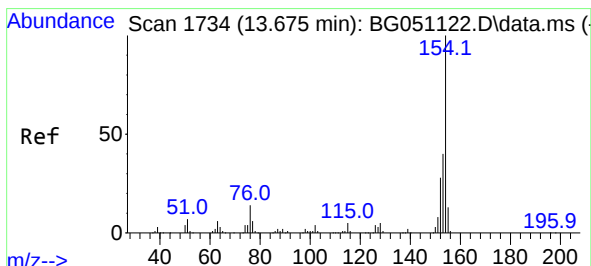
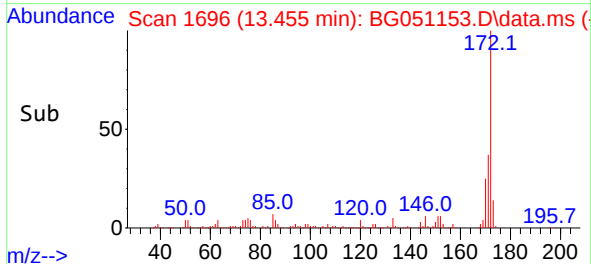
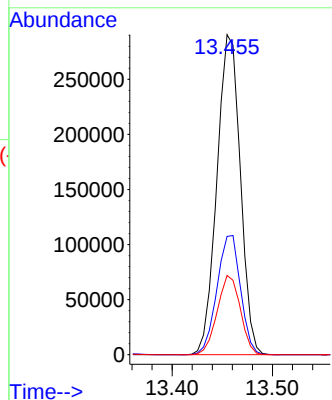
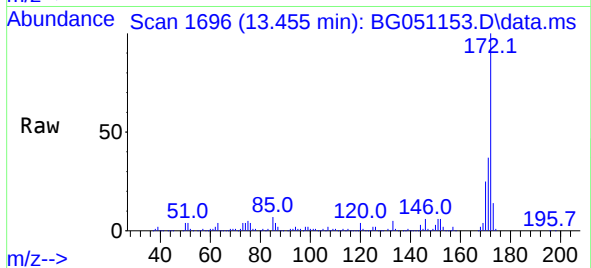
VNJ-202MSD

Tgt Ion:172 Resp: 470400
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.8 18.6 27.8

Manual Integrations

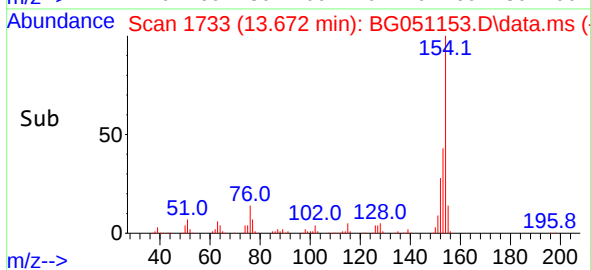
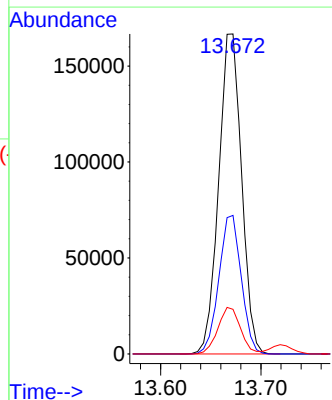
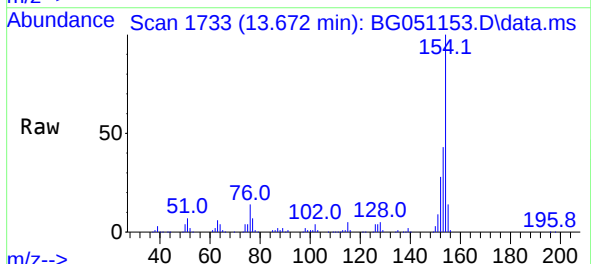
APPROVED

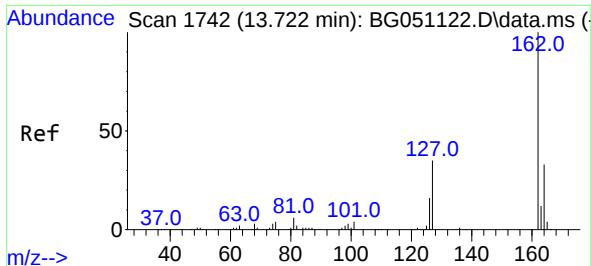
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#46
1,1'-Biphenyl
Concen: 48.491 ng
RT: 13.672 min Scan# 1733
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:154 Resp: 263343
Ion Ratio Lower Upper
154 100
153 43.3 20.5 60.5
76 13.9 0.0 29.3





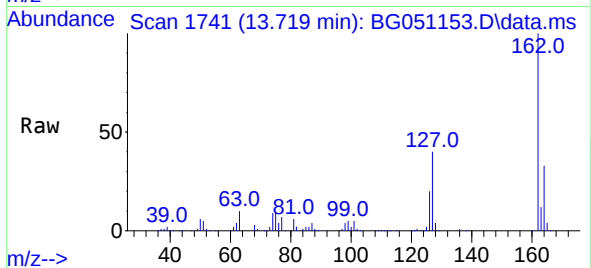
#47
2-Chloronaphthalene
Concen: 49.760 ng
RT: 13.719 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

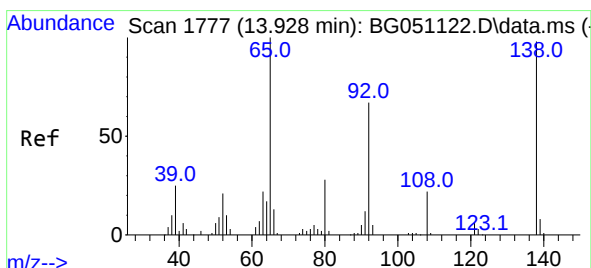
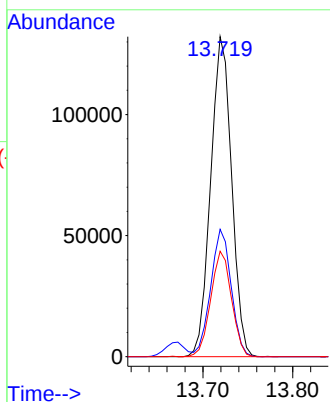
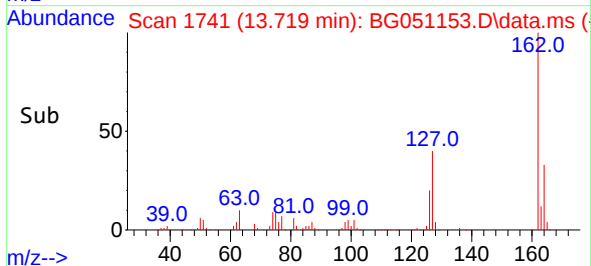


Tgt Ion:162 Resp: 21394
Ion Ratio Lower Upper
162 100
127 39.8 32.7 49.1
164 33.0 27.0 40.4

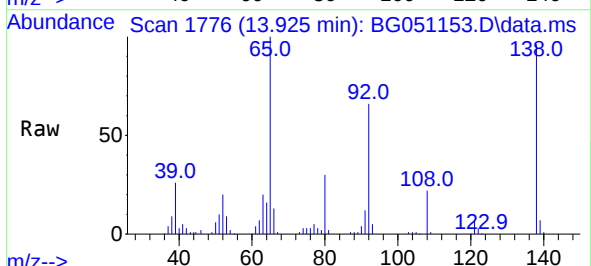
Manual Integrations

APPROVED

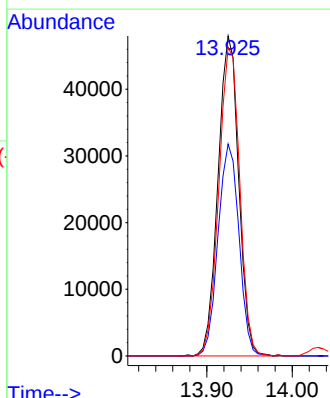
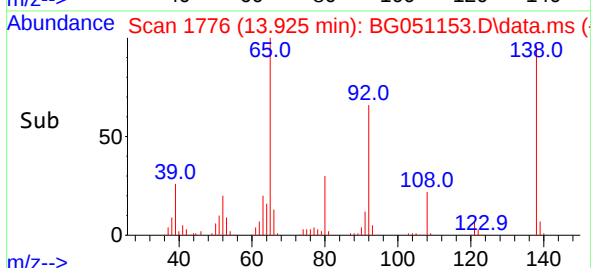
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

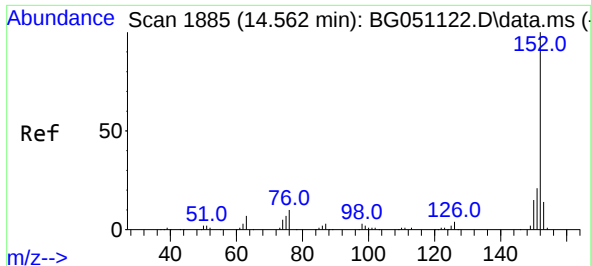


#48
2-Nitroaniline
Concen: 51.967 ng
RT: 13.925 min Scan# 1776
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion: 65 Resp: 80756
Ion Ratio Lower Upper
65 100
92 66.3 47.2 70.8
138 96.4 68.0 102.0





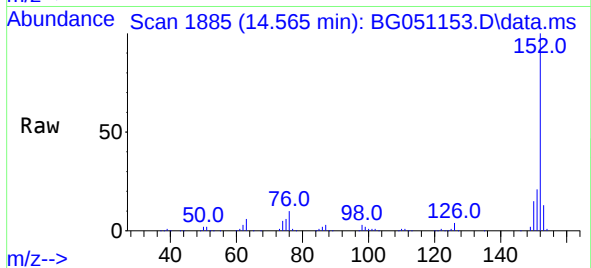
#49
Acenaphthylene
Concen: 50.080 ng
RT: 14.565 min Scan# 1885
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

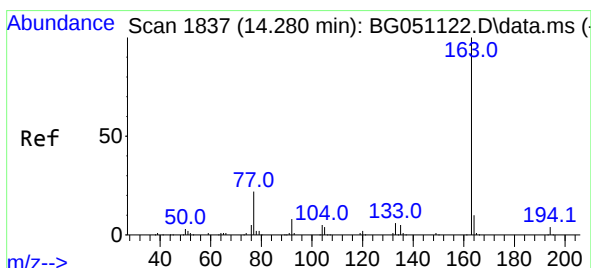
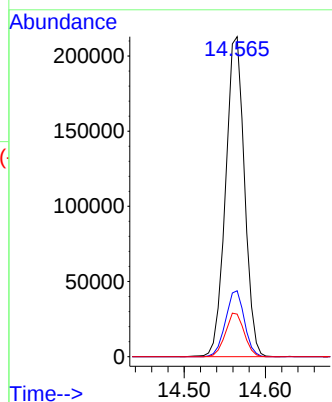
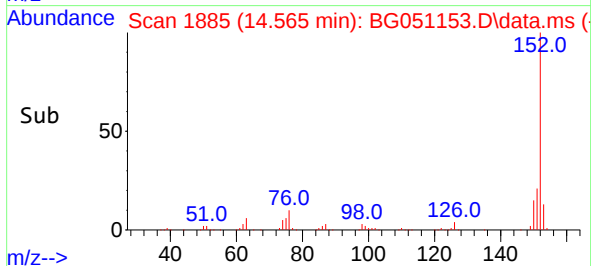


Tgt Ion:152 Resp: 34329
Ion Ratio Lower Upper
152 100
151 20.6 18.2 27.4
153 13.3 11.7 17.5

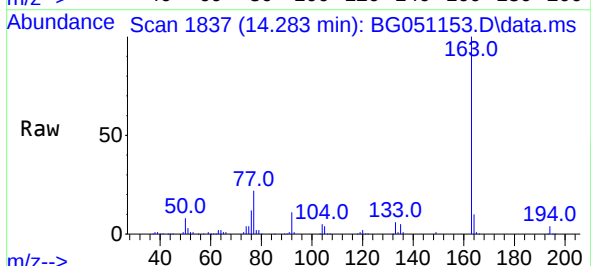
Manual Integrations

APPROVED

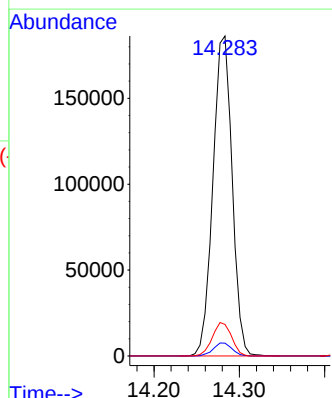
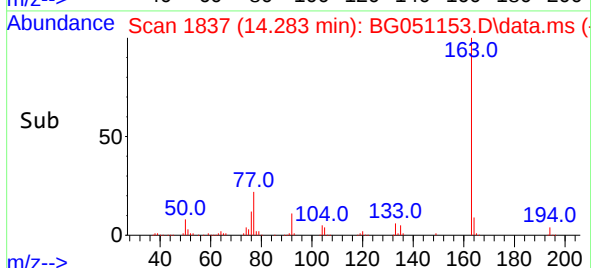
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

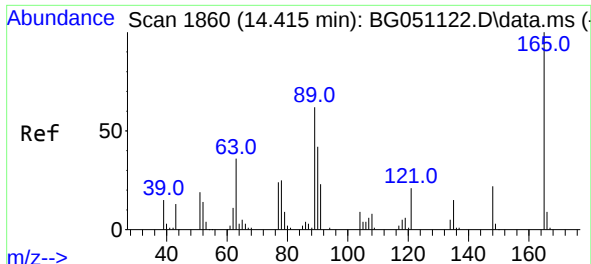


#50
Dimethylphthalate
Concen: 50.049 ng
RT: 14.283 min Scan# 1837
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:163 Resp: 291308
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 52.720 ng
RT: 14.412 min Scan# 1859
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

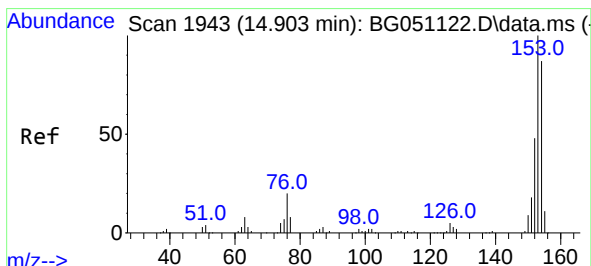
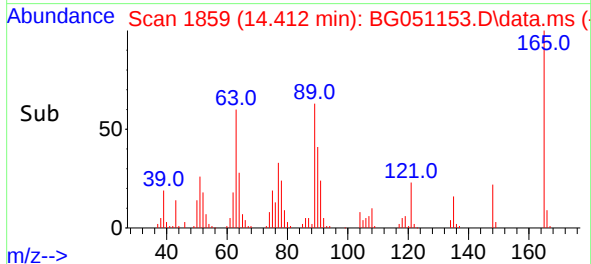
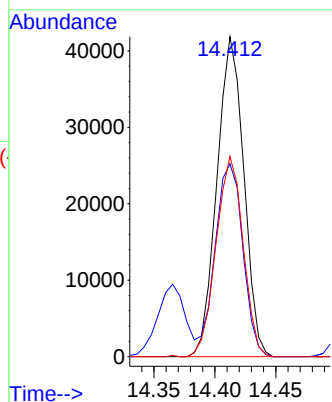
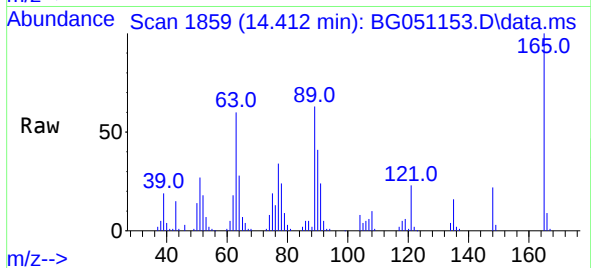
VNJ-202MSD

Tgt Ion:165 Resp: 64093
Ion Ratio Lower Upper
165 100
63 60.3 63.3 94.9
89 62.6 63.4 95.0

Manual Integrations

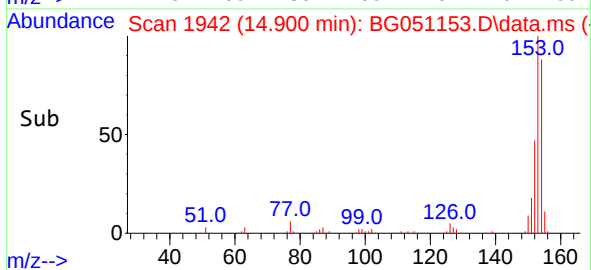
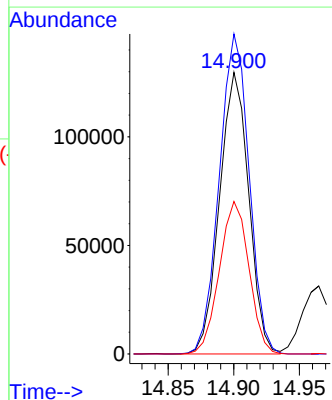
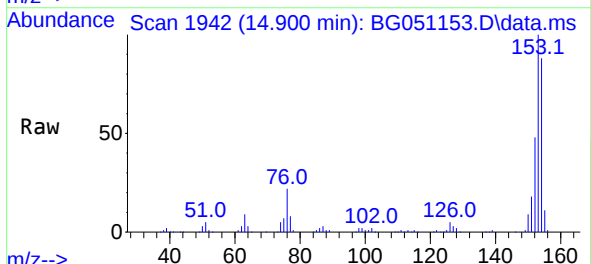
APPROVED

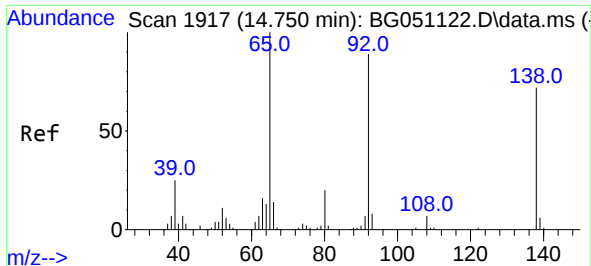
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#52
Acenaphthene
Concen: 50.133 ng
RT: 14.900 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:154 Resp: 200572
Ion Ratio Lower Upper
154 100
153 113.6 87.0 130.4
152 54.2 40.1 60.1





#53
3-Nitroaniline
Concen: 23.033 ng
RT: 14.747 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

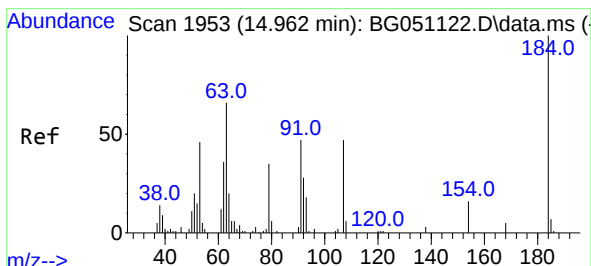
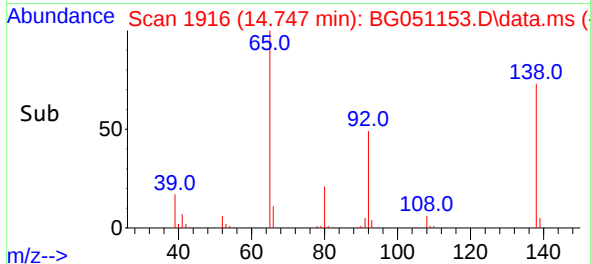
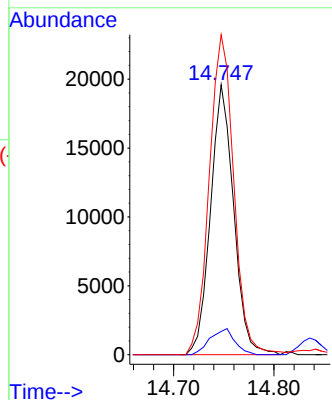
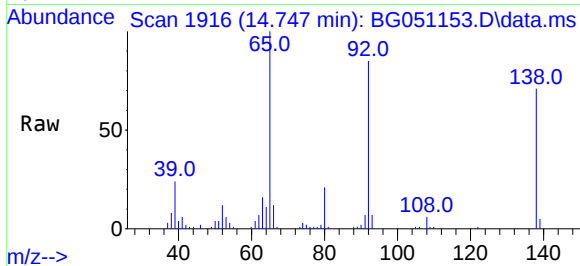
VNJ-202MSD

Tgt Ion:138 Resp: 3136
Ion Ratio Lower Upper
138 100
108 8.6 8.3 12.5
92 118.6 96.4 144.6

Manual Integrations

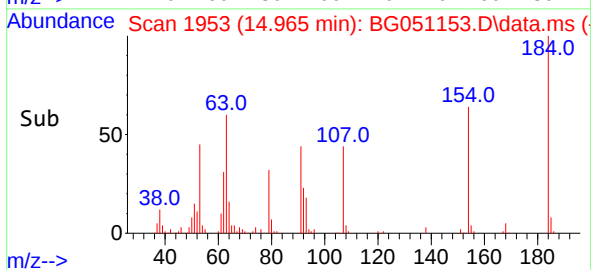
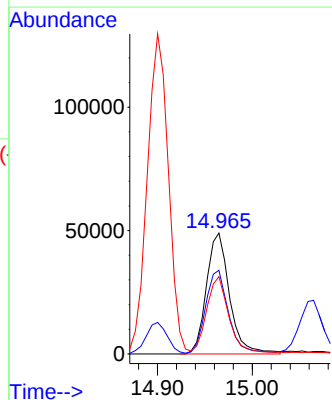
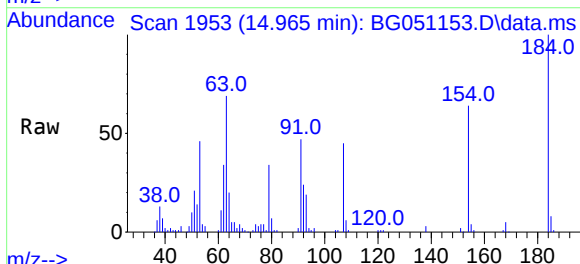
APPROVED

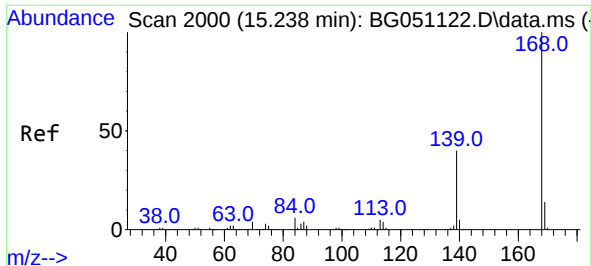
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#54
2,4-Dinitrophenol
Concen: 121.140 ng
RT: 14.965 min Scan# 1953
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:184 Resp: 82847
Ion Ratio Lower Upper
184 100
63 69.2 68.3 102.5
154 63.9 62.6 93.8





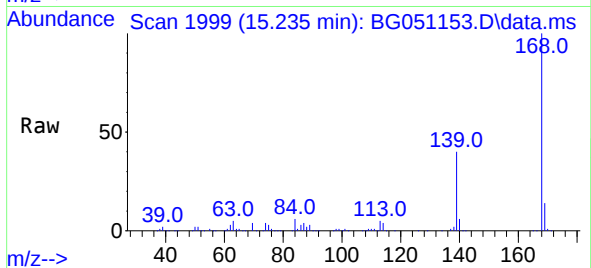
#55
Dibenzenofuran
Concen: 47.870 ng
RT: 15.235 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

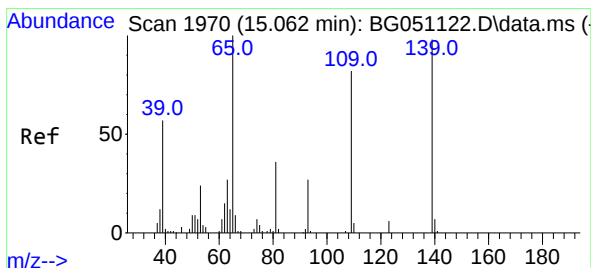
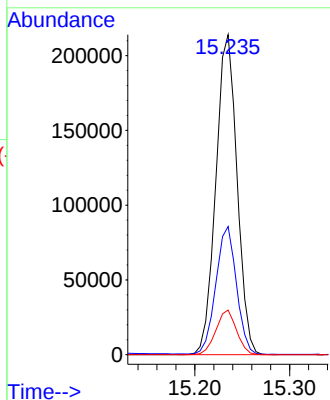
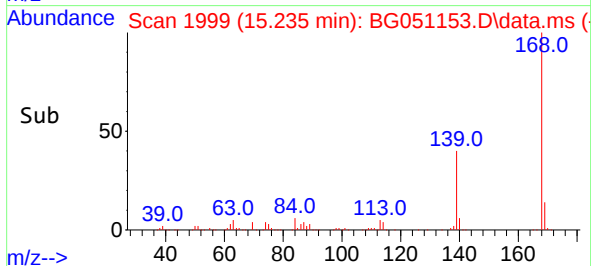


Tgt Ion:168 Resp: 332597
Ion Ratio Lower Upper
168 100
139 40.0 33.4 50.2
169 14.0 12.3 18.5

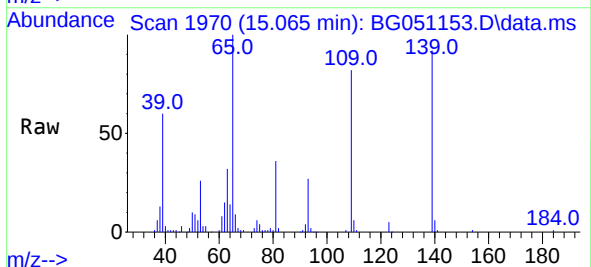
Manual Integrations

APPROVED

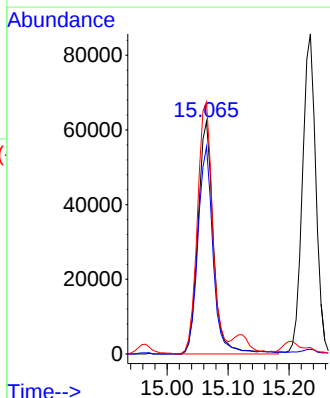
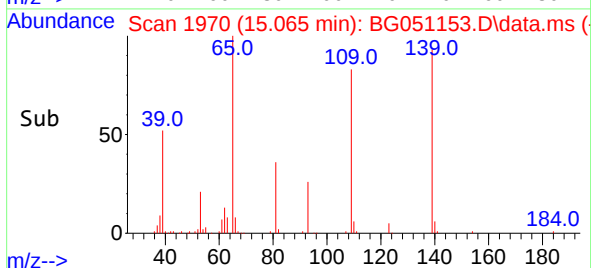
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

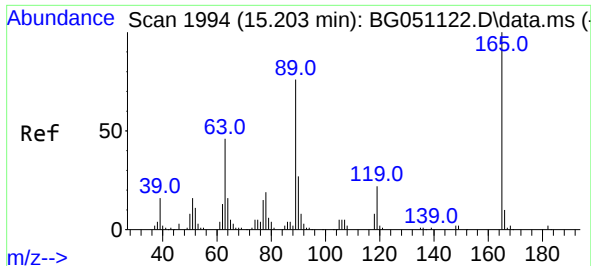


#56
4-Nitrophenol
Concen: 115.060 ng
RT: 15.065 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:139 Resp: 110226
Ion Ratio Lower Upper
139 100
109 89.1 116.3 156.3#
65 108.4 105.0 145.0





#57
2,4-Dinitrotoluene
Concen: 53.751 ng
RT: 15.206 min Scan# 1994
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

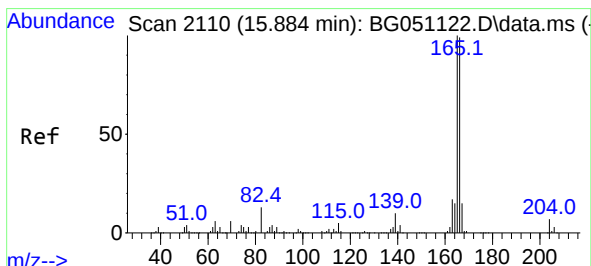
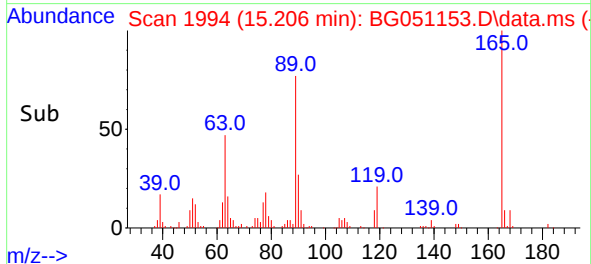
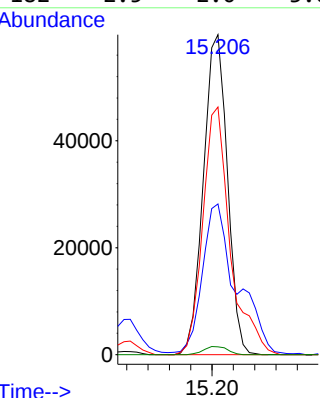
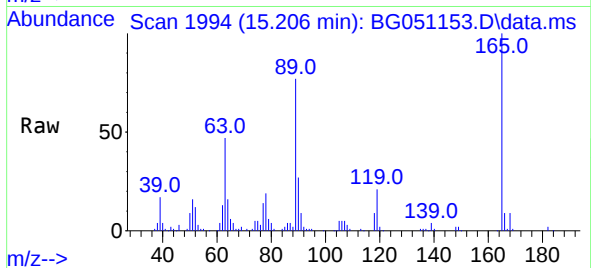
VNJ-202MSD

Tgt Ion:165 Resp: 93600
Ion Ratio Lower Upper
165 100
63 47.1 48.0 72.0
89 77.4 65.4 98.0
182 2.5 2.0 3.0

Manual Integrations

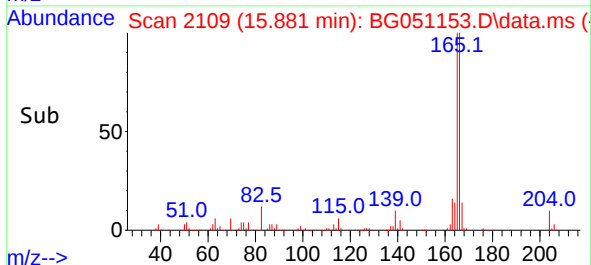
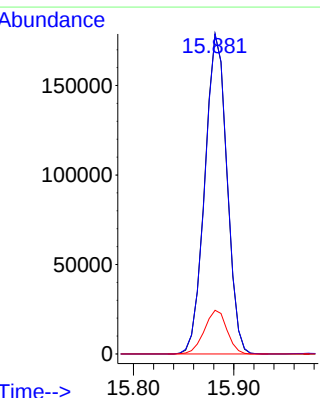
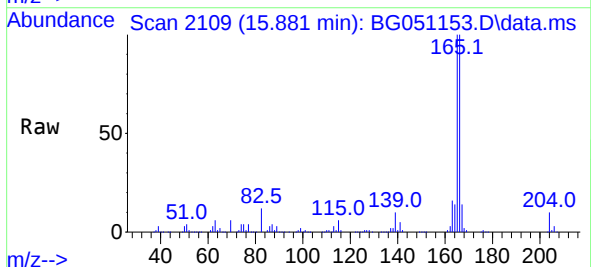
APPROVED

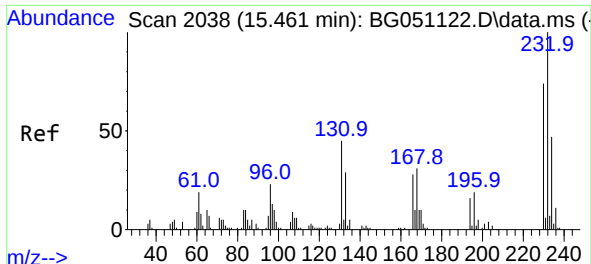
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#58
Fluorene
Concen: 50.043 ng
RT: 15.881 min Scan# 2109
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:166 Resp: 272992
Ion Ratio Lower Upper
166 100
165 100.0 77.7 116.5
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.835 ng
RT: 15.458 min Scan# 2037
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

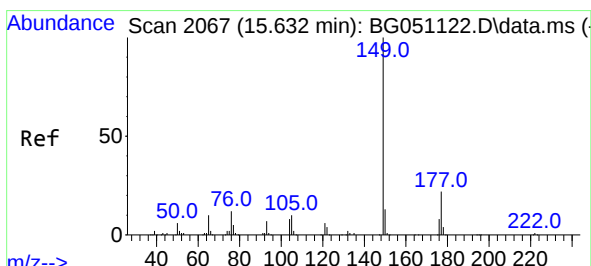
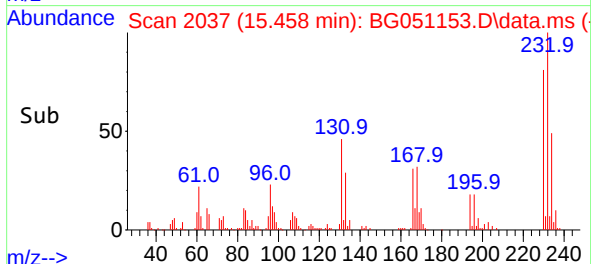
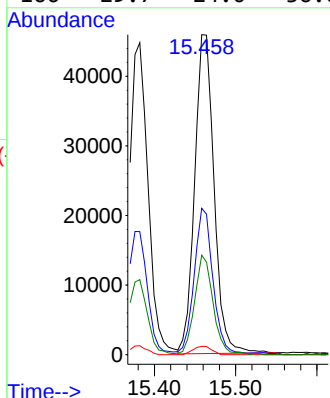
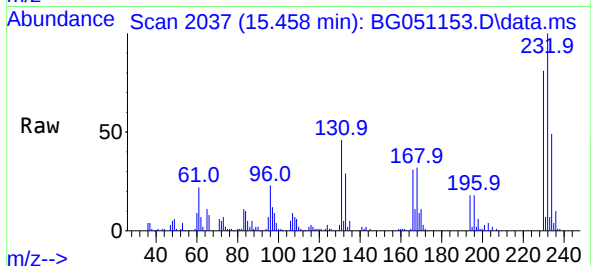
VNJ-202MSD

Tgt Ion:232 Resp: 76140
Ion Ratio Lower Upper
232 100
131 43.5 37.2 55.8
130 2.5 2.8 4.2
166 29.7 24.0 36.0

Manual Integrations

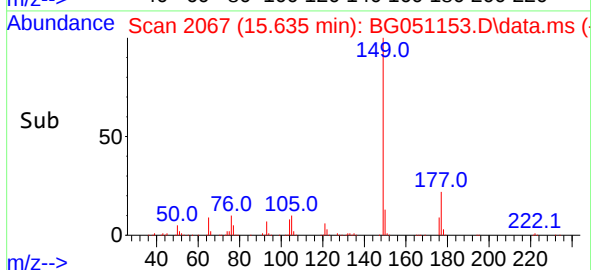
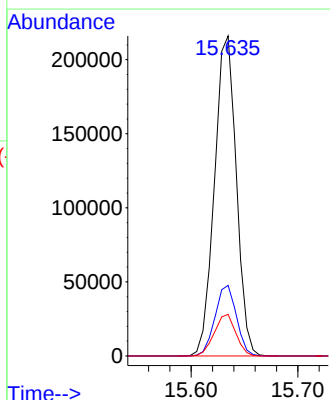
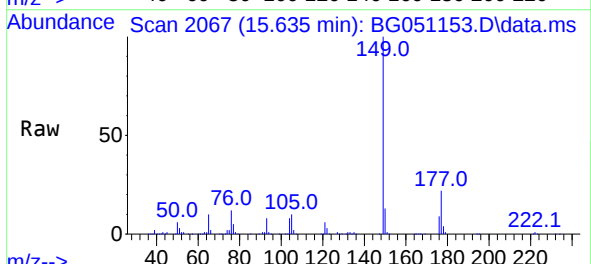
APPROVED

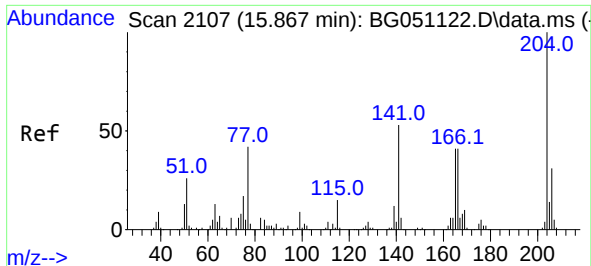
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#60
Diethylphthalate
Concen: 49.969 ng
RT: 15.635 min Scan# 2067
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:149 Resp: 306711
Ion Ratio Lower Upper
149 100
177 22.1 19.0 28.6
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 48.959 ng
RT: 15.864 min Scan# 2106
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

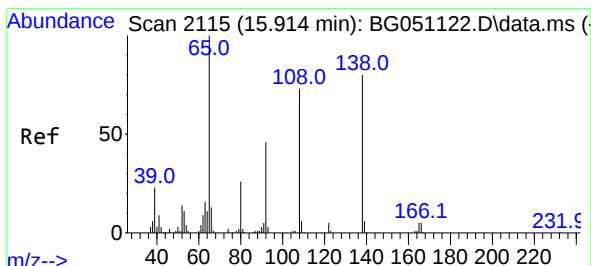
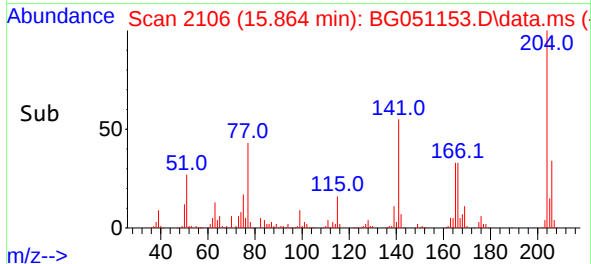
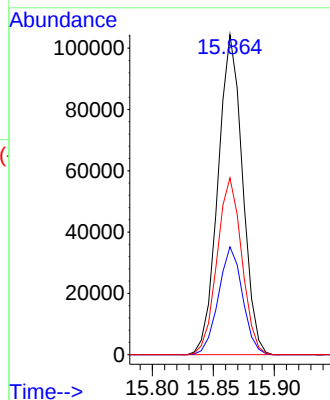
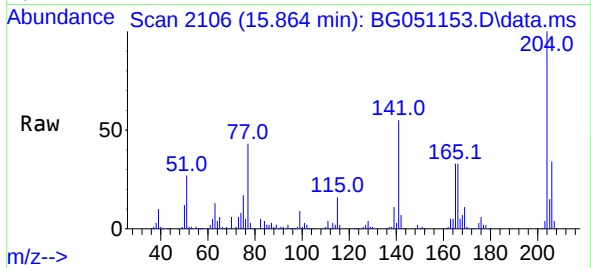
VNJ-202MSD

Tgt Ion:204 Resp: 14600
Ion Ratio Lower Upper
204 100
206 33.7 24.6 37.0
141 55.2 47.8 71.8

Manual Integrations

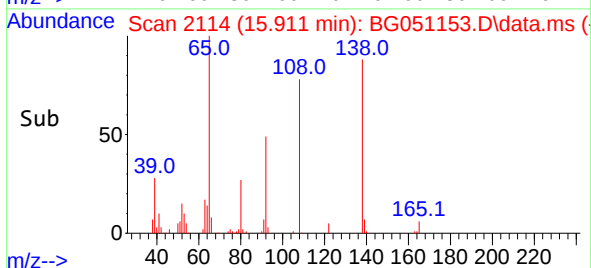
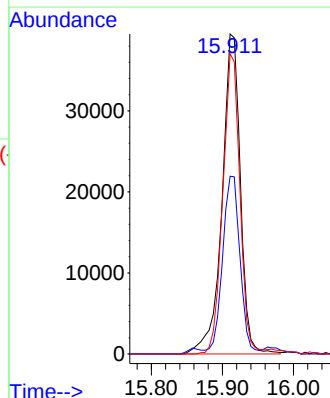
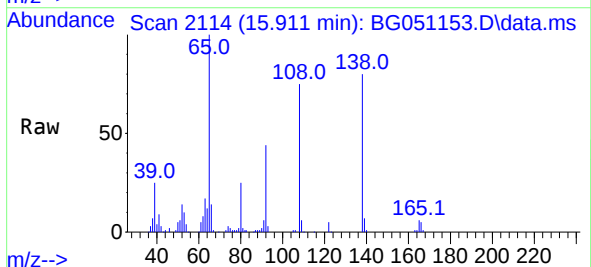
APPROVED

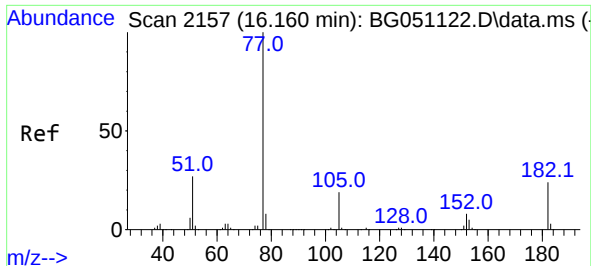
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#62
4-Nitroaniline
Concen: 48.489 ng
RT: 15.911 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:138 Resp: 70616
Ion Ratio Lower Upper
138 100
92 55.6 32.3 72.3
108 93.8 132.4 172.4#





#63
Azobenzene
Concen: 49.615 ng
RT: 16.157 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

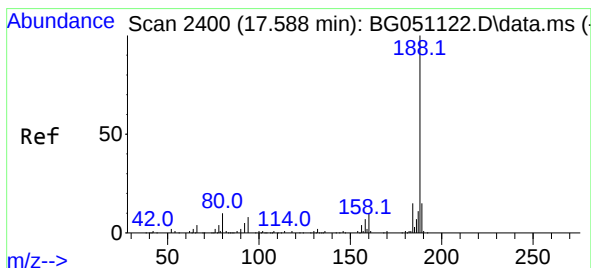
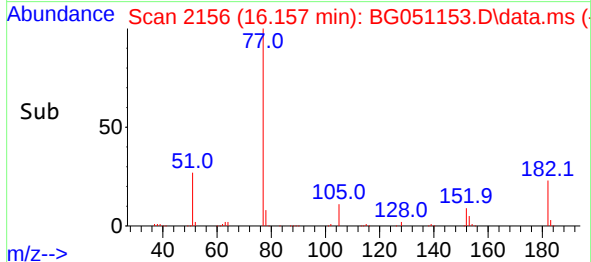
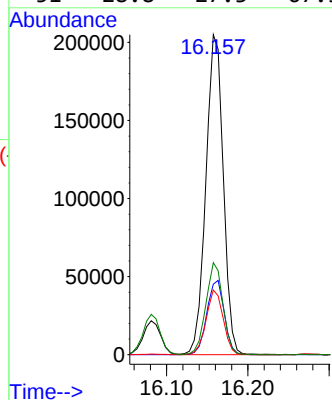
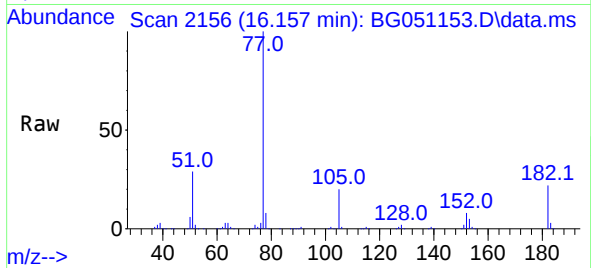
VNJ-202MSD

Tgt Ion: 77 Resp: 304989
Ion Ratio Lower Upper
77 100
182 22.1 7.9 47.9
105 20.2 0.0 37.9
51 28.8 27.3 67.3

Manual Integrations

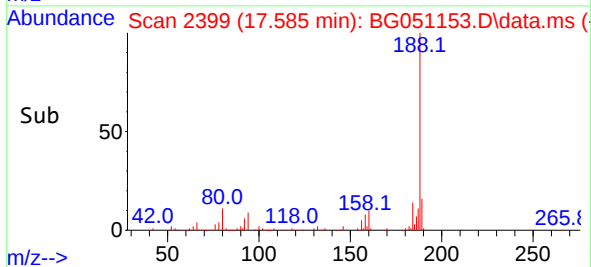
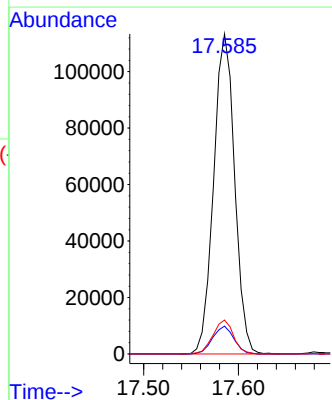
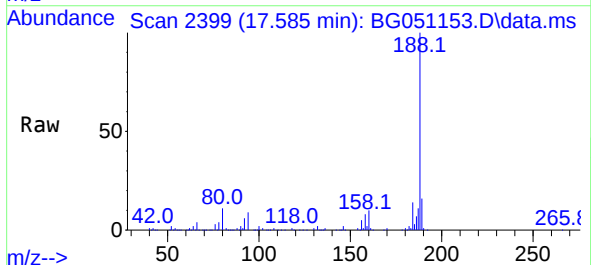
APPROVED

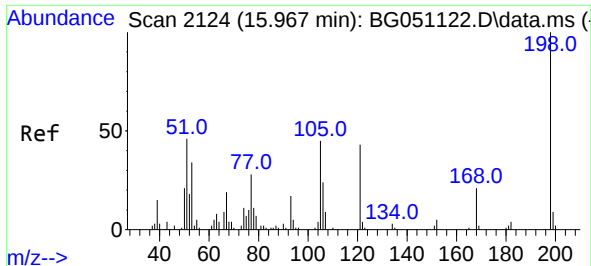
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.585 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:188 Resp: 174192
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 10.6 3.7 5.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 54.356 ng
RT: 15.969 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

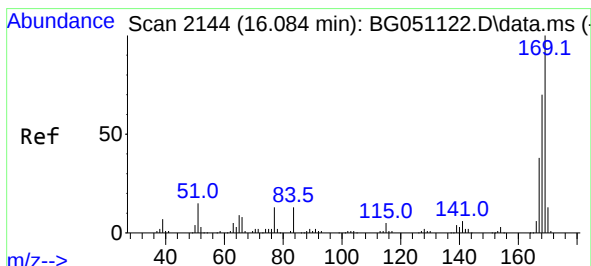
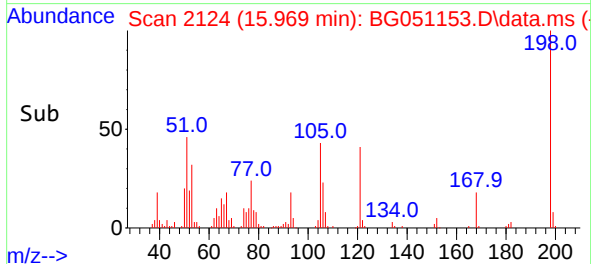
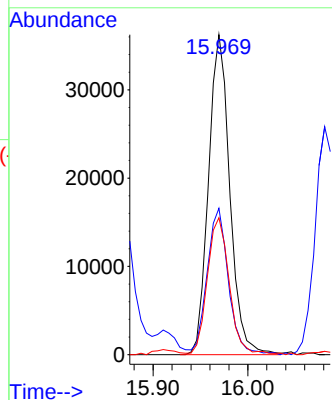
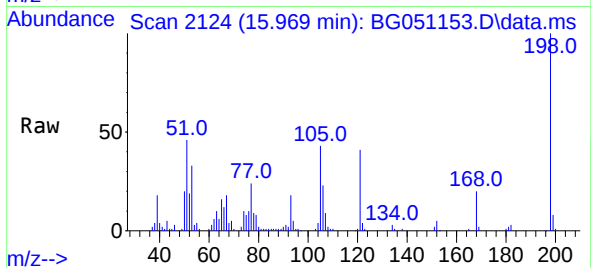
VNJ-202MSD

Tgt Ion:198 Resp: 56540
Ion Ratio Lower Upper
198 100
51 45.8 29.4 69.4
105 42.8 15.1 55.1

Manual Integrations

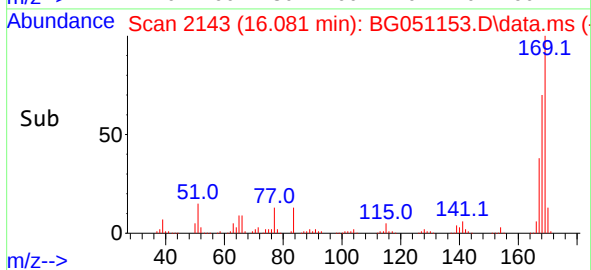
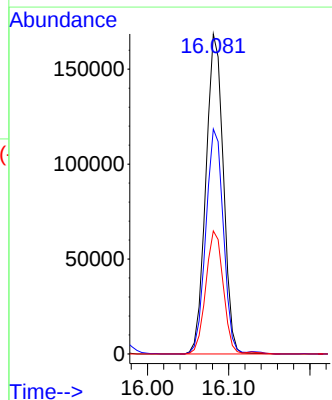
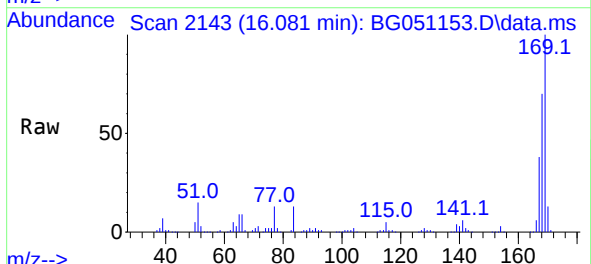
APPROVED

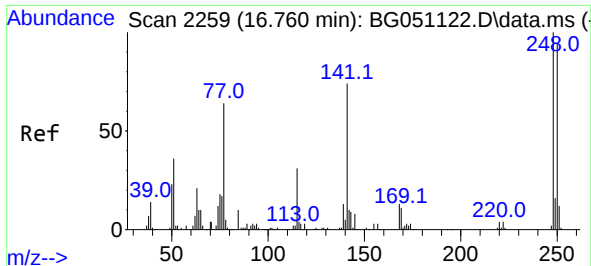
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#66
n-Nitrosodiphenylamine
Concen: 50.105 ng
RT: 16.081 min Scan# 2143
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:169 Resp: 250462
Ion Ratio Lower Upper
169 100
168 70.3 56.3 84.5
167 38.4 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 49.783 ng
RT: 16.763 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

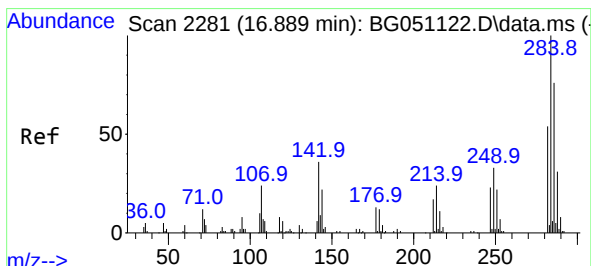
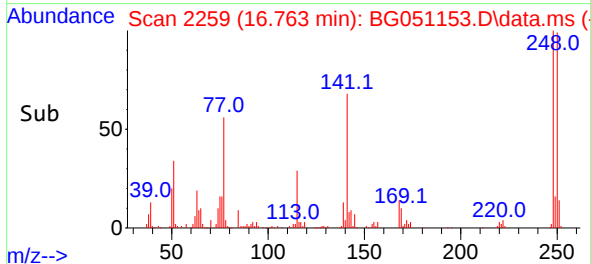
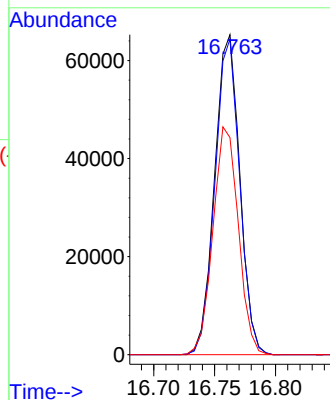
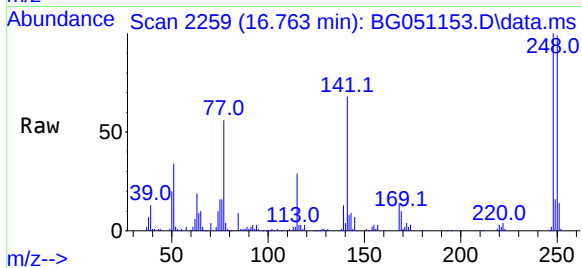
VNJ-202MSD

Tgt Ion:248 Resp: 9379
Ion Ratio Lower Upper
248 100
250 98.6 76.1 114.1
141 67.9 65.4 98.2

Manual Integrations

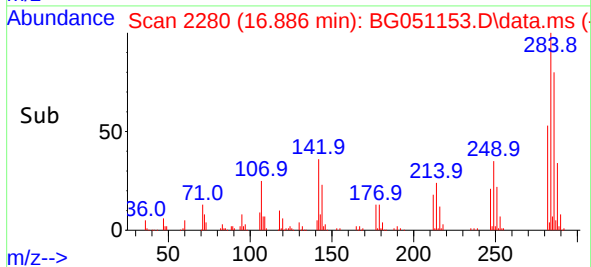
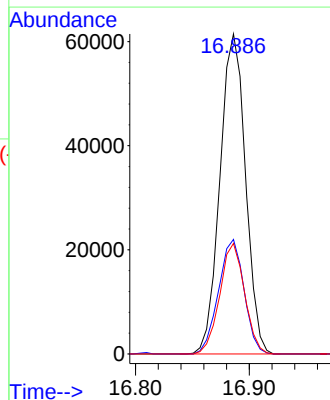
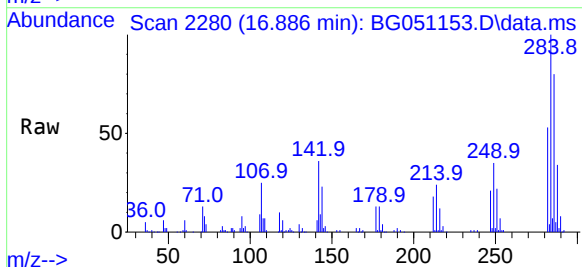
APPROVED

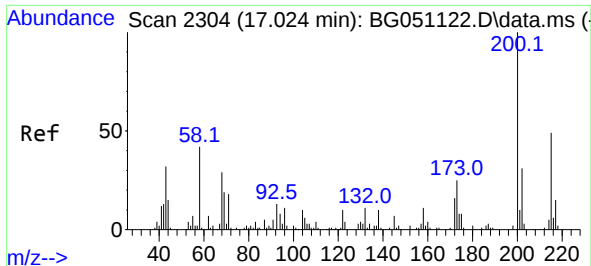
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#68
Hexachlorobenzene
Concen: 50.068 ng
RT: 16.886 min Scan# 2280
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:284 Resp: 95876
Ion Ratio Lower Upper
284 100
142 35.8 27.0 40.6
249 34.5 28.2 42.2





#69
 Atrazine
 Concen: 78.461 ng
 RT: 17.027 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG051153.D
 Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

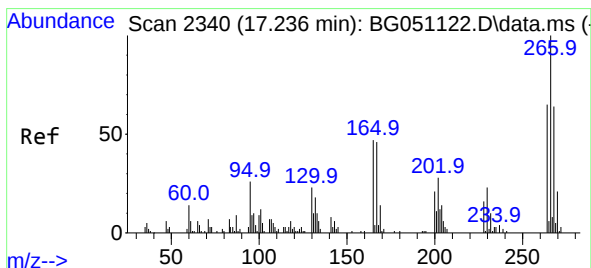
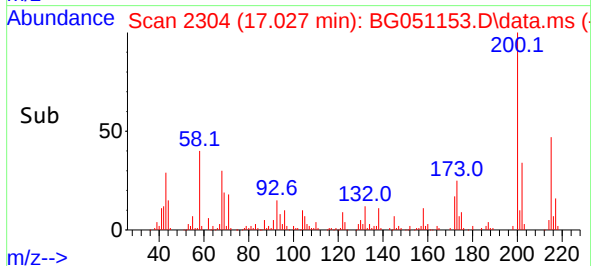
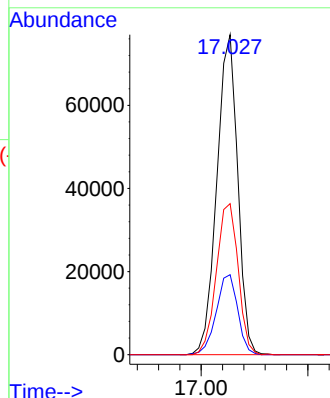
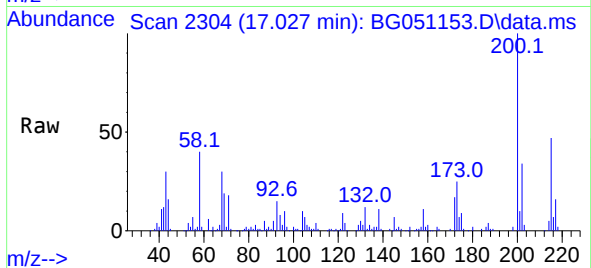
VNJ-202MSD

Tgt Ion:200 Resp: 10430
 Ion Ratio Lower Upper
 200 100
 173 25.0 3.7 43.7
 215 47.2 26.9 66.9

Manual Integrations

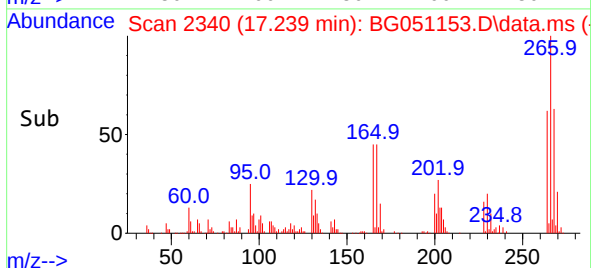
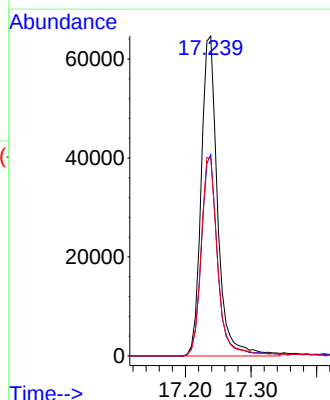
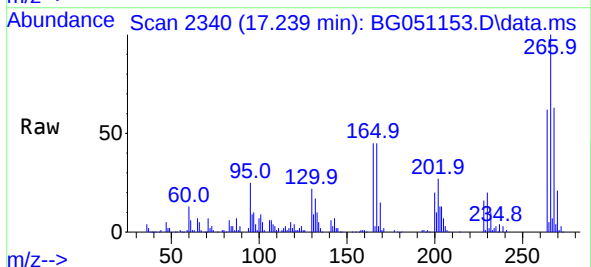
APPROVED

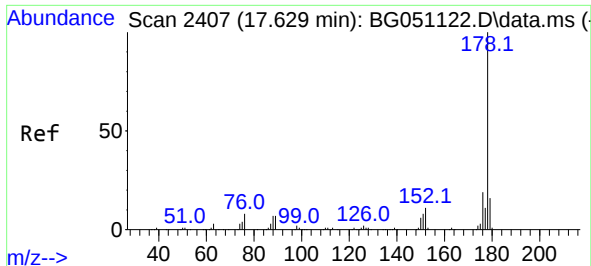
Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021



#70
 Pentachlorophenol
 Concen: 129.603 ng
 RT: 17.239 min Scan# 2340
 Delta R.T. 0.003 min
 Lab File: BG051153.D
 Acq: 20 Nov 2021 18:36

Tgt Ion:266 Resp: 112826
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.0 73.4
 264 61.8 49.0 73.6





#71
Phenanthrene
Concen: 50.550 ng
RT: 17.626 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

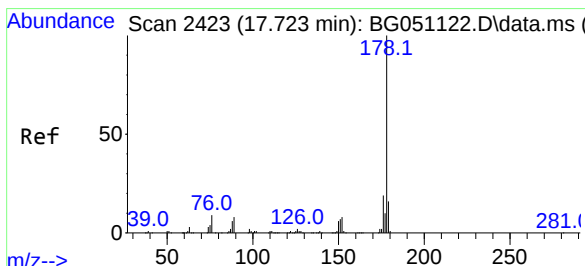
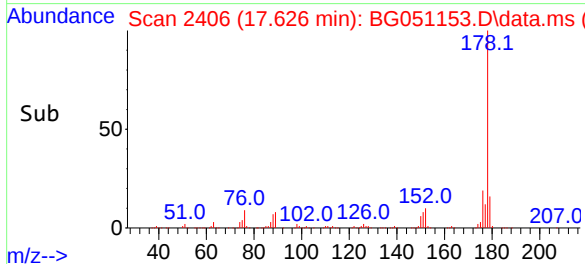
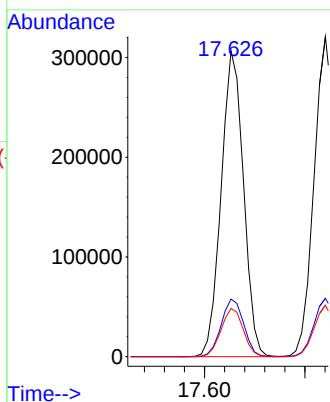
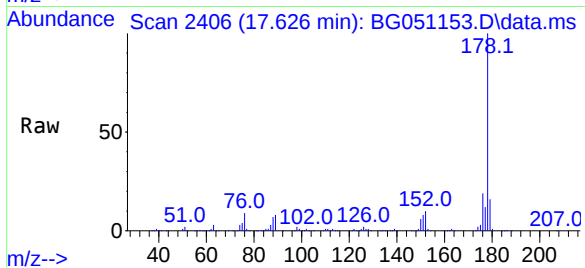
VNJ-202MSD

Tgt Ion:178 Resp: 473279
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.8 14.2 21.4

Manual Integrations

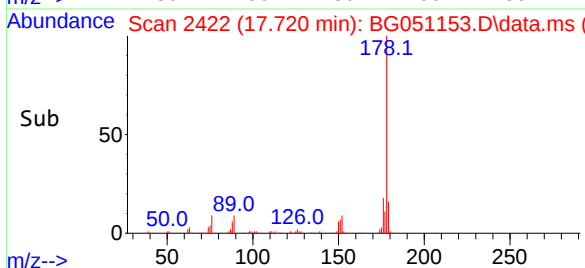
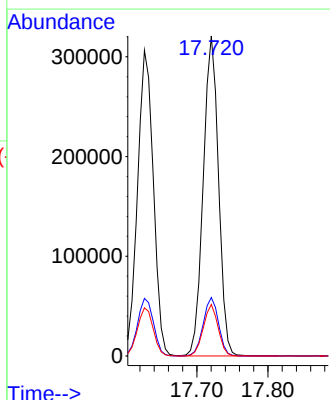
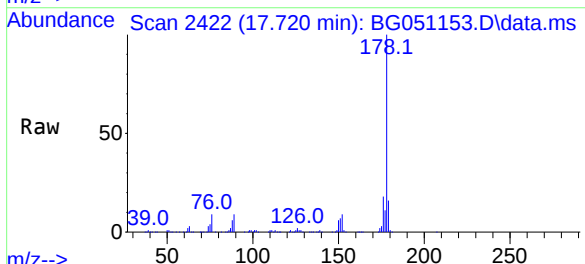
APPROVED

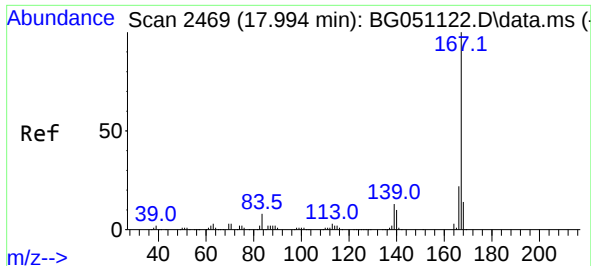
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#72
Anthracene
Concen: 51.698 ng
RT: 17.720 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:178 Resp: 480168
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 16.1 13.4 20.0





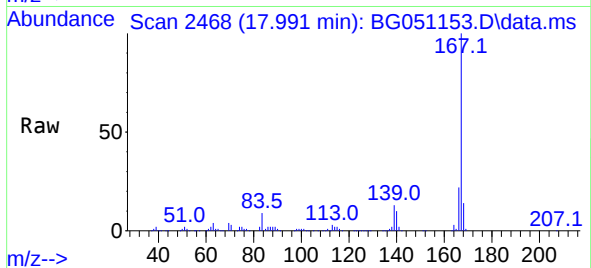
#73
 Carbazole
 Concen: 48.859 ng
 RT: 17.991 min Scan# 2468
 Delta R.T. -0.003 min
 Lab File: BG051153.D
 Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

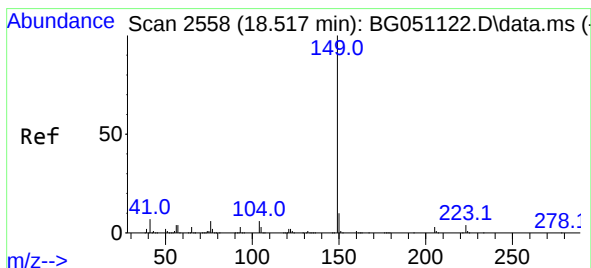
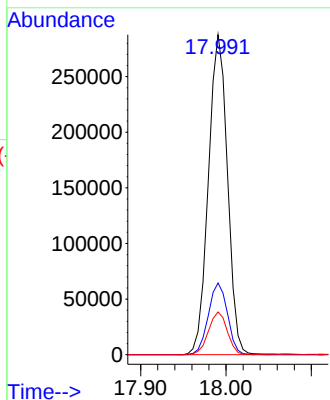
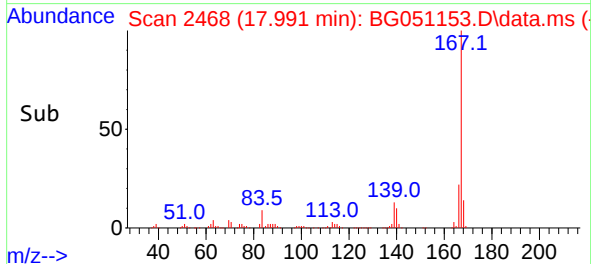


Tgt Ion:167 Resp: 446364
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 13.3 10.7 16.1

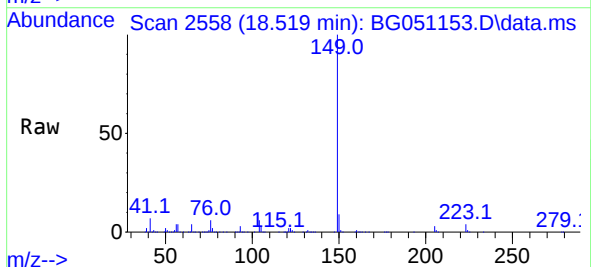
Manual Integrations

APPROVED

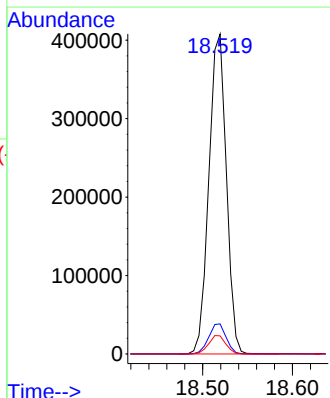
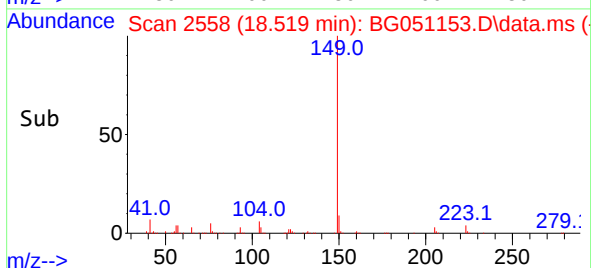
Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

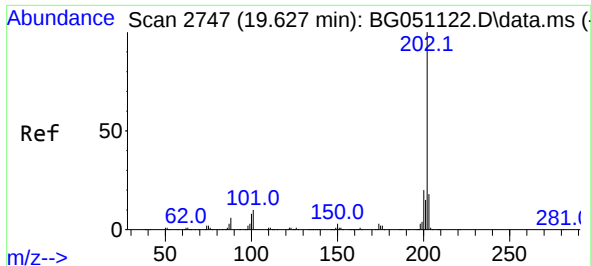


#74
 Di-n-butylphthalate
 Concen: 49.820 ng
 RT: 18.519 min Scan# 2558
 Delta R.T. 0.003 min
 Lab File: BG051153.D
 Acq: 20 Nov 2021 18:36



Tgt Ion:149 Resp: 551032
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.7 6.6 10.0#





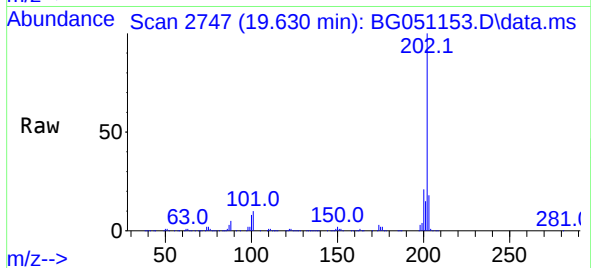
#75
Fluoranthene
Concen: 51.117 ng
RT: 19.630 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

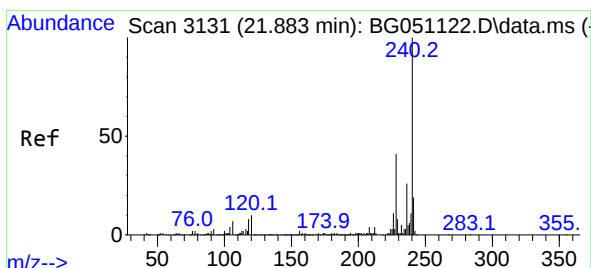
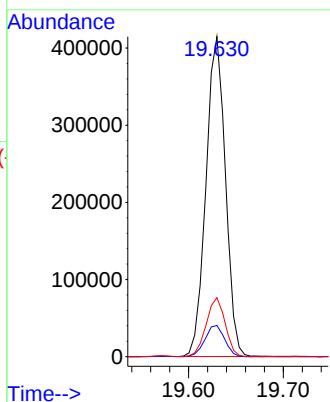
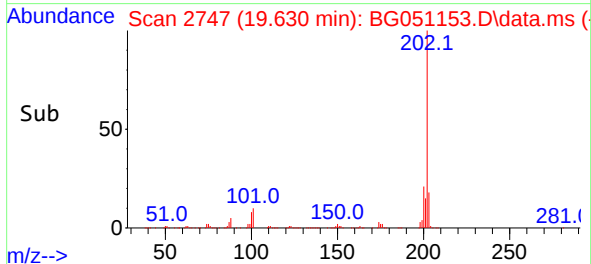


Tgt Ion:202 Resp: 59001
Ion Ratio Lower Upper
202 100
101 9.8 0.0 24.7
203 18.4 0.0 38.5

Manual Integrations

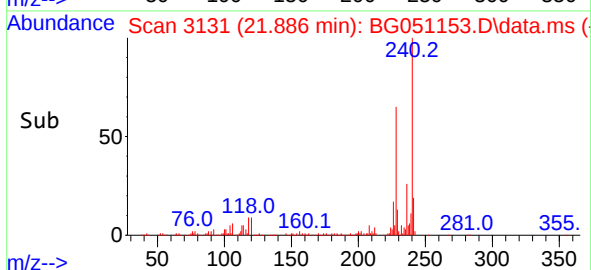
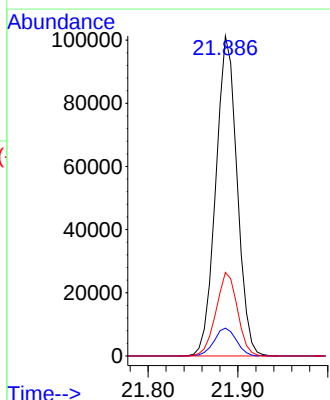
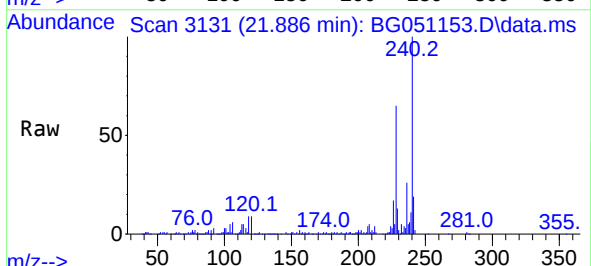
APPROVED

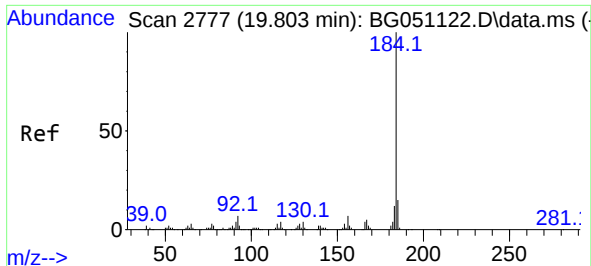
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3131
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

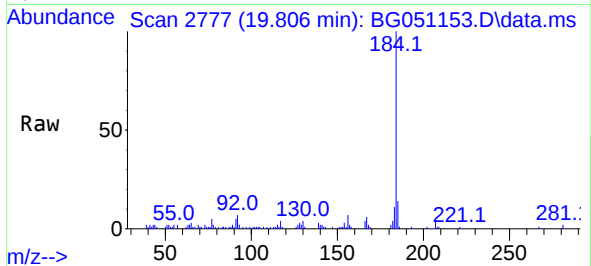
Tgt Ion:240 Resp: 166846
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 26.1 21.8 32.6





#77
Benzidine
Concen: 12.940 ng
RT: 19.806 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

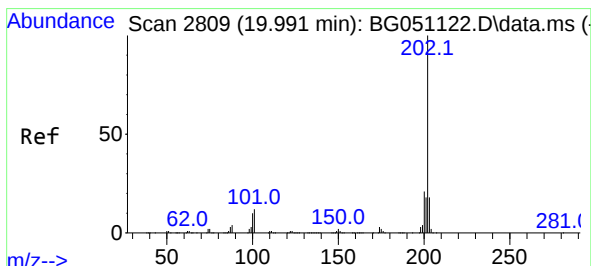
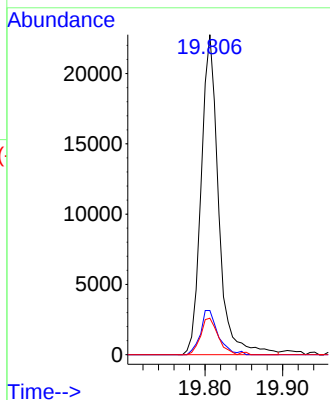
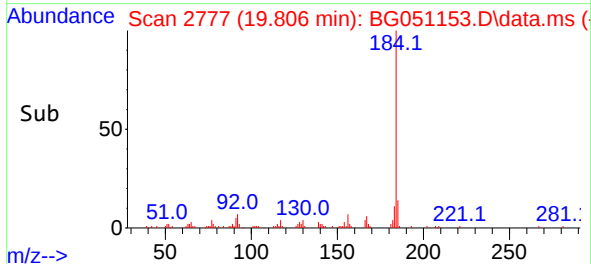
Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD



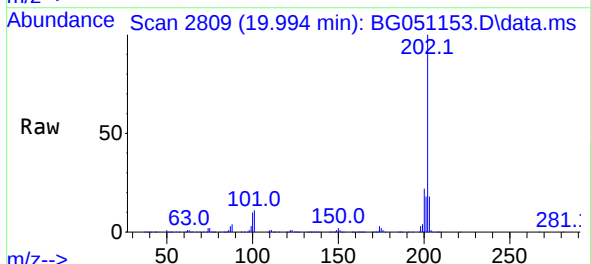
Tgt Ion:184 Resp: 35450
Ion Ratio Lower Upper
184 100
185 13.8 10.7 16.1
183 11.4 9.4 14.0

Manual Integrations
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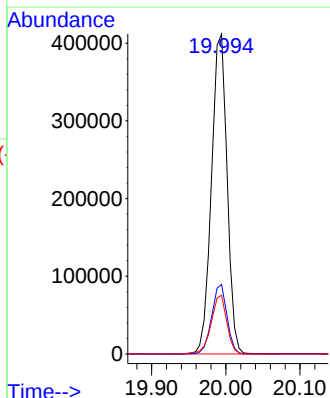
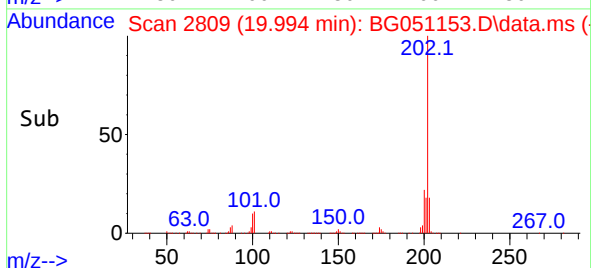
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

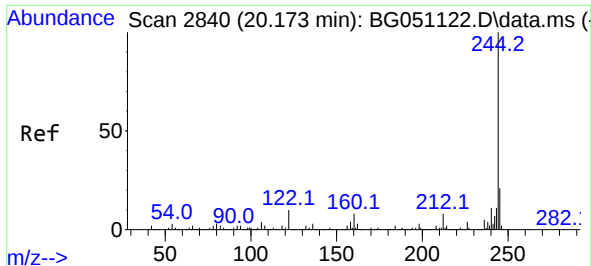


#78
Pyrene
Concen: 49.771 ng
RT: 19.994 min Scan# 2809
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:202 Resp: 602232
Ion Ratio Lower Upper
202 100
200 21.7 15.8 23.8
203 18.4 14.6 21.8





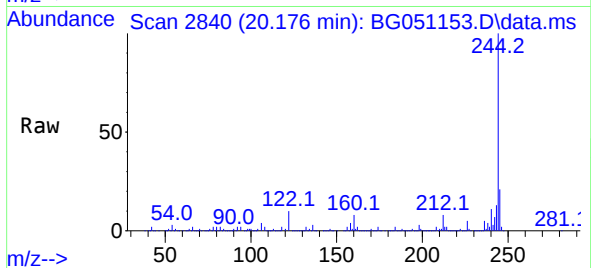
#79
 Terphenyl-d14
 Concen: 90.420 ng
 RT: 20.176 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG051153.D
 Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202MSD

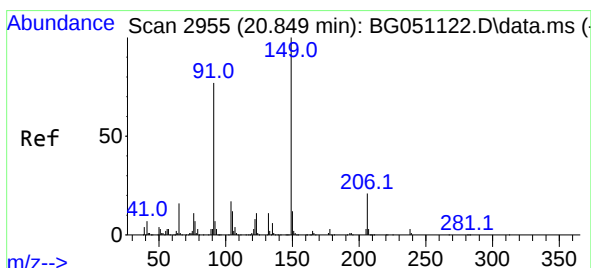
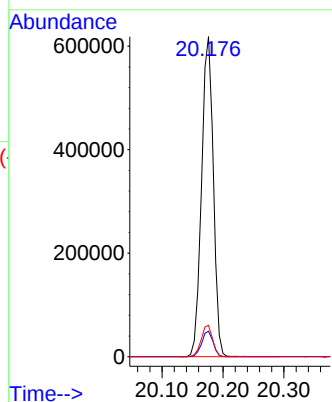
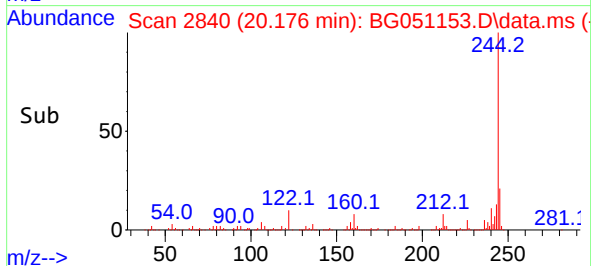


Tgt Ion:244 Resp: 825244
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 9.8 5.0 7.6

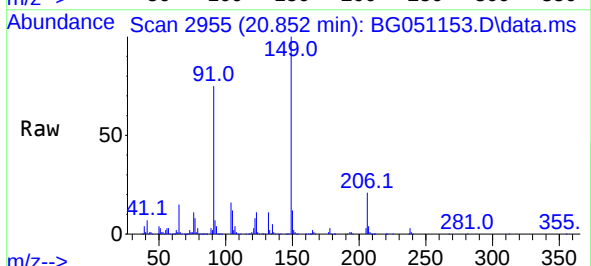
Manual Integrations

APPROVED

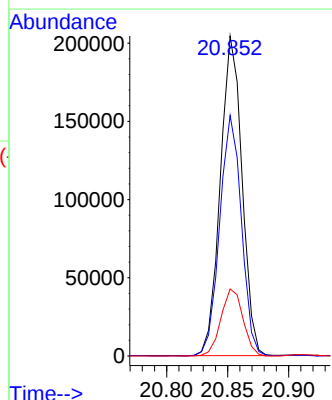
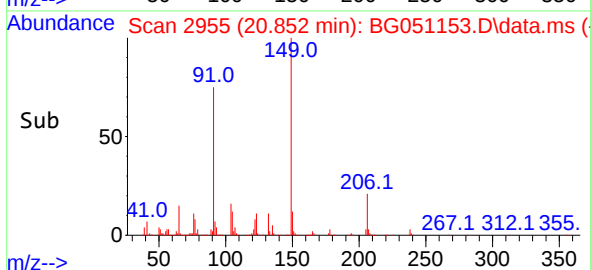
Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

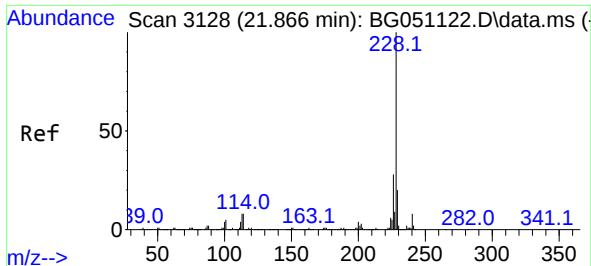


#80
 Butylbenzylphthalate
 Concen: 49.124 ng
 RT: 20.852 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: BG051153.D
 Acq: 20 Nov 2021 18:36



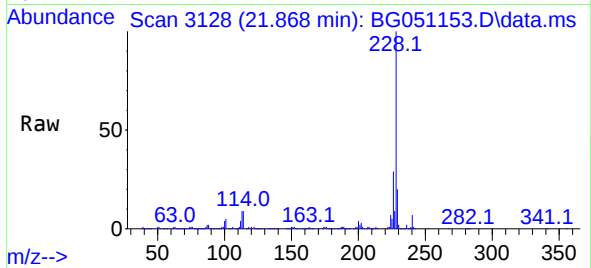
Tgt Ion:149 Resp: 253407
 Ion Ratio Lower Upper
 149 100
 91 75.2 63.4 95.2
 206 21.0 18.4 27.6





#81
Benzo(a)anthracene
Concen: 48.964 ng
RT: 21.868 min Scan# 3112
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

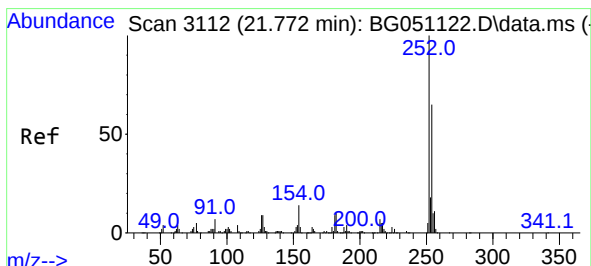
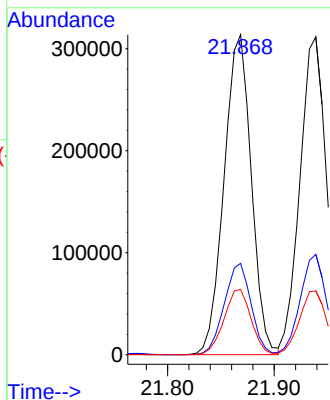
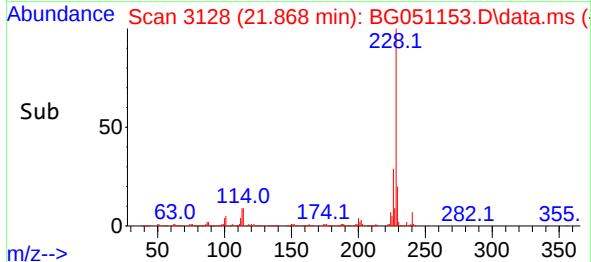
Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD



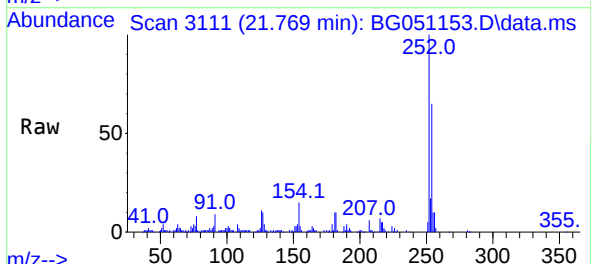
Tgt Ion:228 Resp: 557140
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.4 16.0 24.0

Manual Integrations
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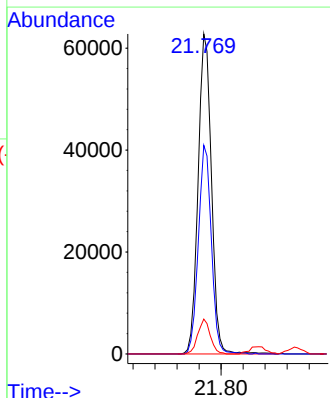
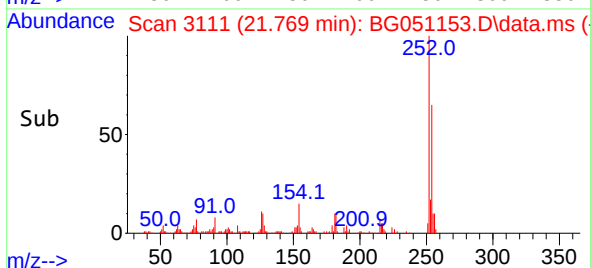
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

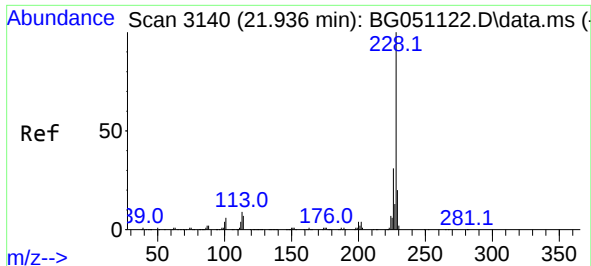


#82
3,3'-Dichlorobenzidine
Concen: 20.717 ng
RT: 21.769 min Scan# 3111
Delta R.T. -0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



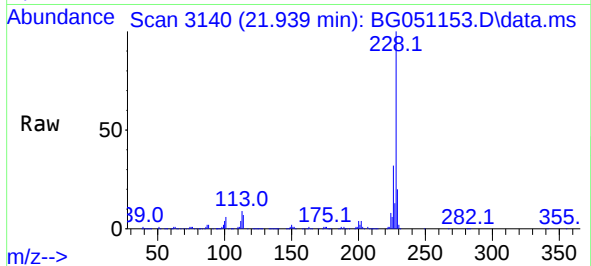
Tgt Ion:252 Resp: 105342
Ion Ratio Lower Upper
252 100
254 65.2 52.4 78.6
126 10.9 5.9 8.9#





#83
Chrysene
Concen: 49.933 ng
RT: 21.939 min Scan# 3140
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

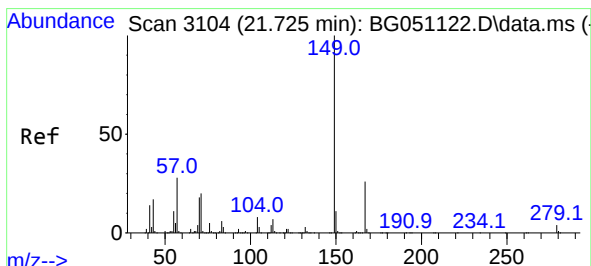
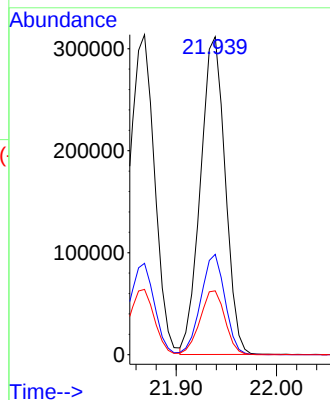
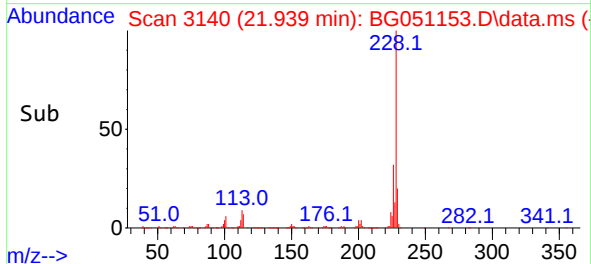
Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD



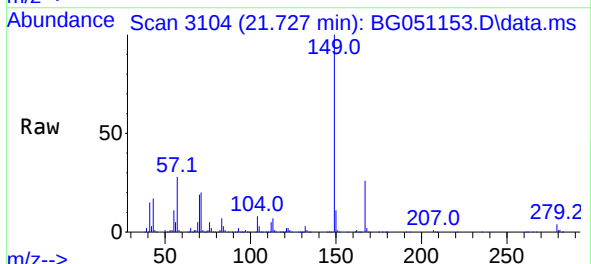
Tgt Ion:228 Resp: 53348
Ion Ratio Lower Upper
228 100
226 31.6 23.1 34.7
229 20.1 15.3 22.9

Manual Integrations
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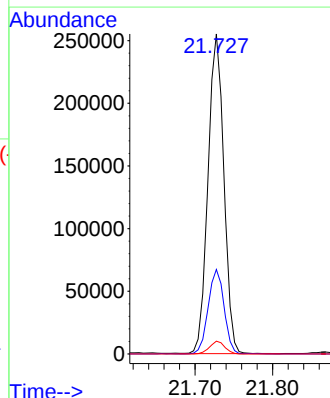
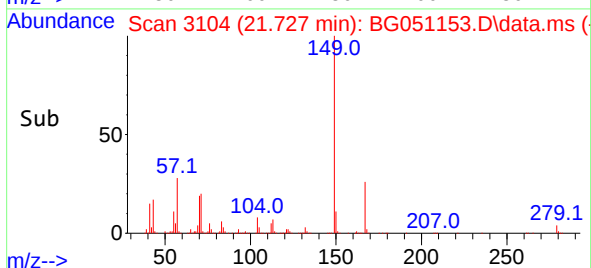
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

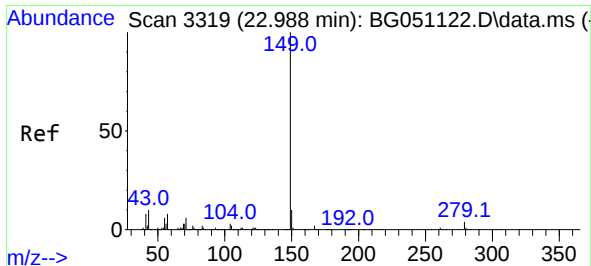


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.324 ng
RT: 21.727 min Scan# 3104
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



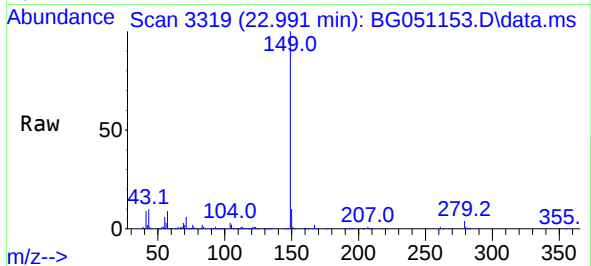
Tgt Ion:149 Resp: 361607
Ion Ratio Lower Upper
149 100
167 26.4 22.3 33.5
279 4.0 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 50.940 ng
RT: 22.991 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

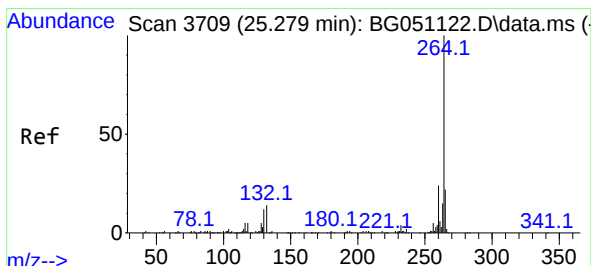
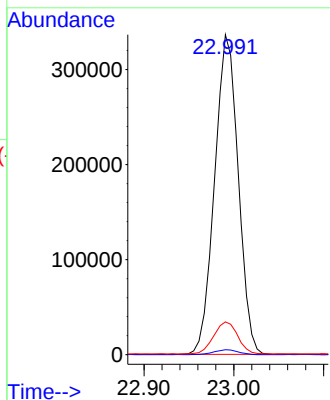
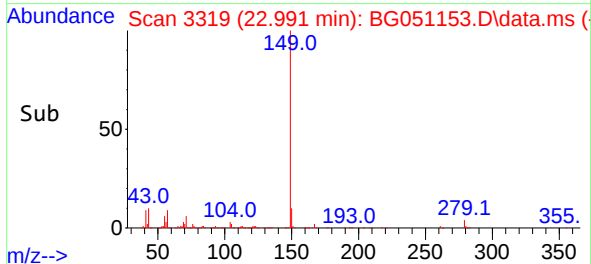
Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD



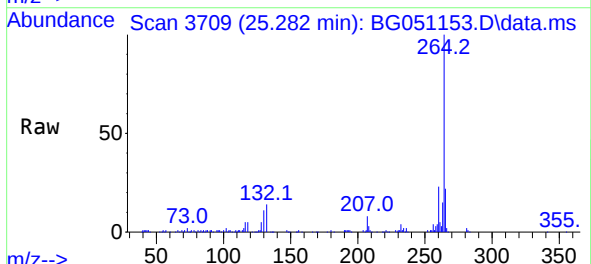
Tgt Ion:149 Resp: 613300
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.3 8.6 12.8

Manual Integrations
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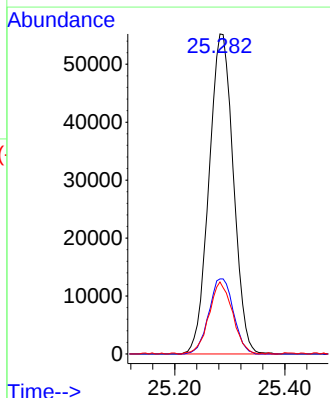
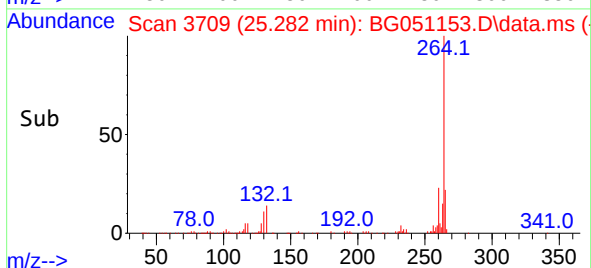
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

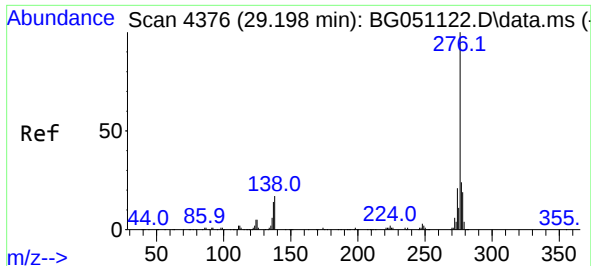


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.282 min Scan# 3709
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:264 Resp: 169533
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 22.5 16.9 25.3





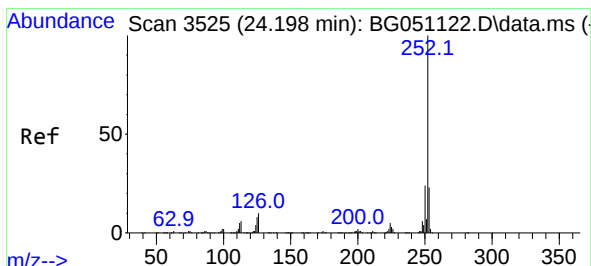
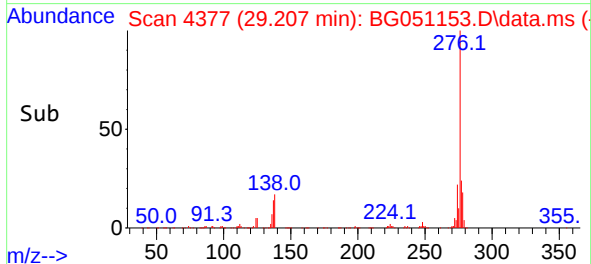
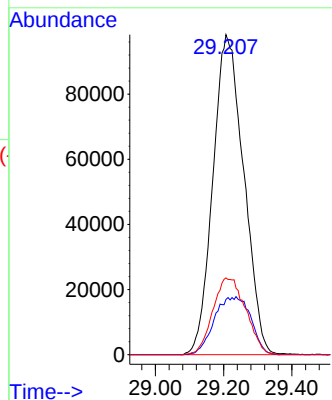
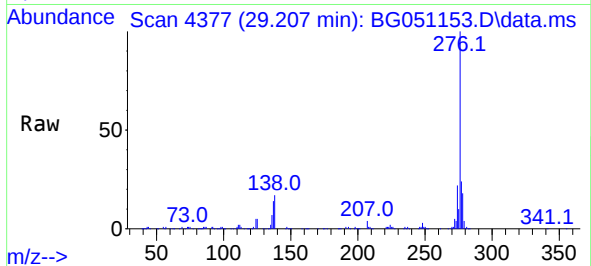
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.536 ng
RT: 29.207 min Scan# 4376
Delta R.T. 0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD

Tgt Ion:276 Resp: 614860
Ion Ratio Lower Upper
276 100
138 9.9 5.1 7.7
277 25.7 19.8 29.6

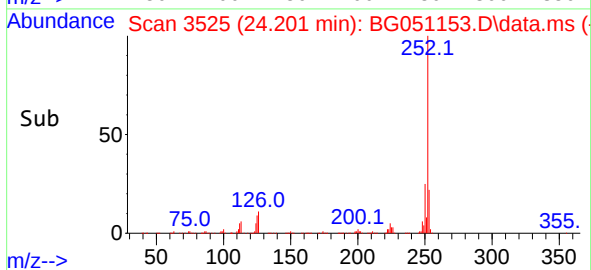
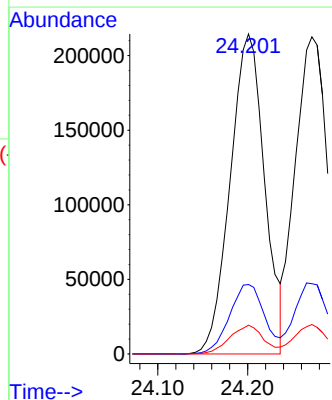
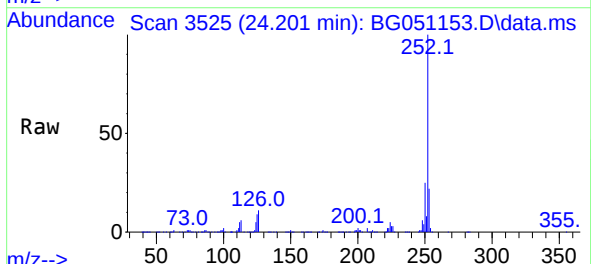
Manual Integrations
APPROVED

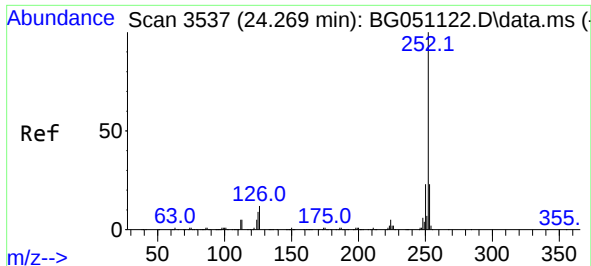
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#88
Benzo(b)fluoranthene
Concen: 54.581 ng
RT: 24.201 min Scan# 3525
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Tgt Ion:252 Resp: 570409
Ion Ratio Lower Upper
252 100
253 21.7 16.2 24.4
125 9.0 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 50.420 ng
RT: 24.271 min Scan# 3537
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

Instrument :

BNA_G

ClientSampleId :

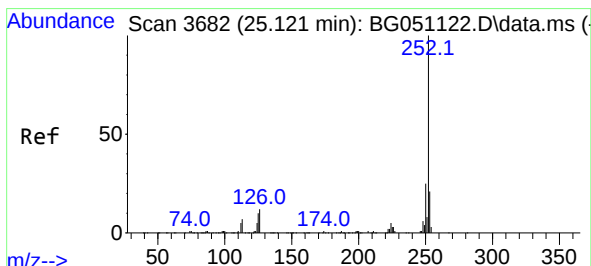
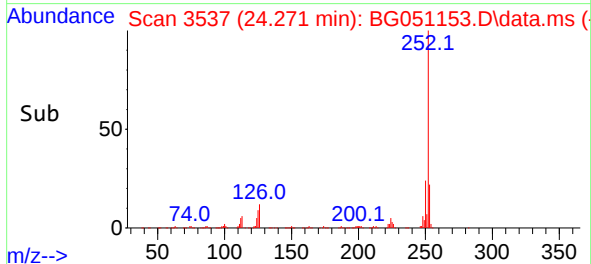
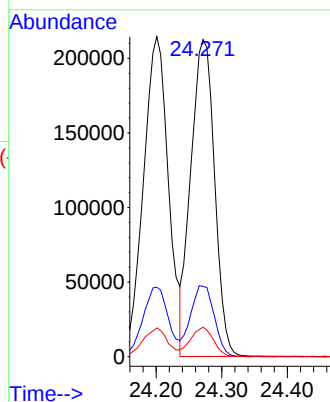
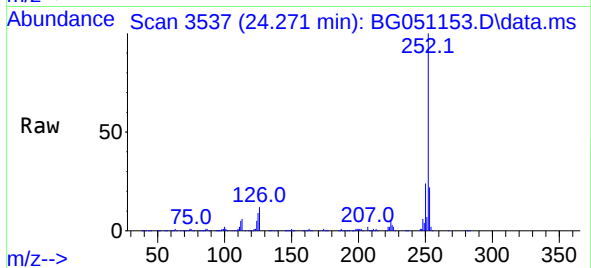
VNJ-202MSD

Tgt Ion:252 Resp: 534502
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.3 3.1 4.7

Manual Integrations

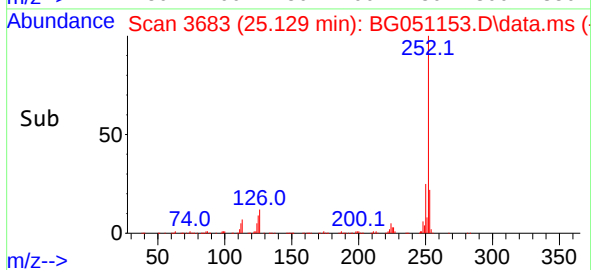
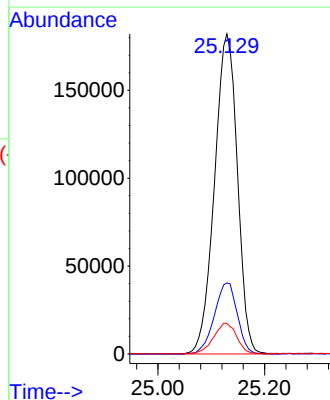
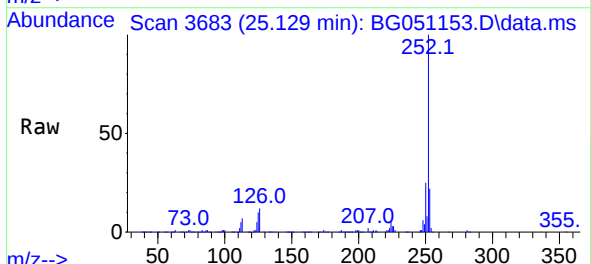
APPROVED

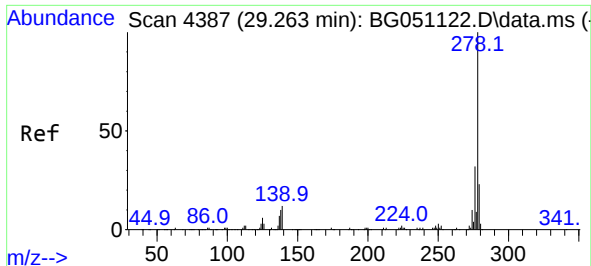
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#90
Benzo(a)pyrene
Concen: 59.877 ng
RT: 25.129 min Scan# 3683
Delta R.T. 0.009 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

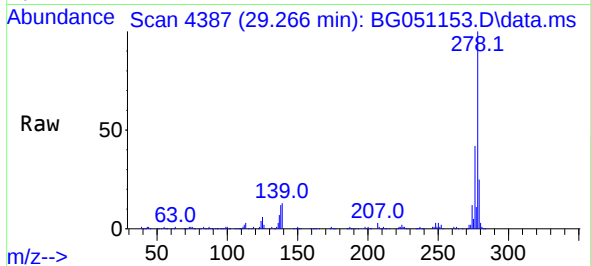
Tgt Ion:252 Resp: 542998
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 9.6 3.5 5.3





#91
Dibenzo(a,h)anthracene
Concen: 51.320 ng
RT: 29.266 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36

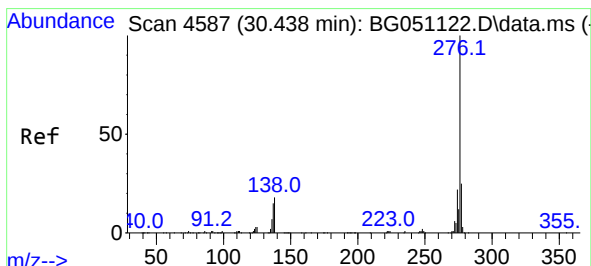
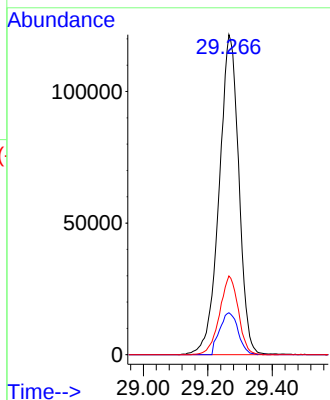
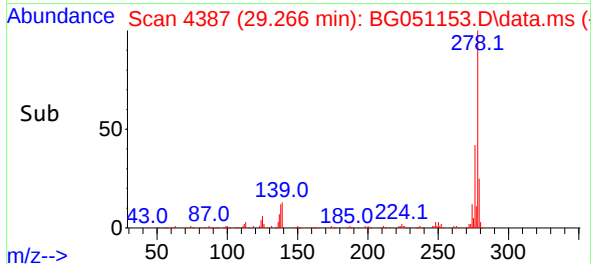
Instrument :
BNA_G
ClientSampleId :
VNJ-202MSD



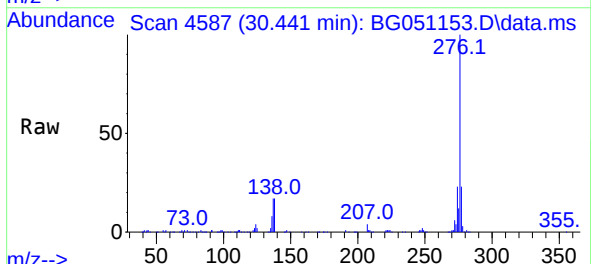
Tgt Ion:278 Resp: 514392
Ion Ratio Lower Upper
278 100
139 13.1 4.6 6.8
279 24.6 17.9 26.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



#92
Benzo(g,h,i)perylene
Concen: 51.786 ng
RT: 30.441 min Scan# 4587
Delta R.T. 0.003 min
Lab File: BG051153.D
Acq: 20 Nov 2021 18:36



Tgt Ion:276 Resp: 513371
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 17.5 7.0 10.6

