

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053554.D
 Acq On : 13 May 2022 22:21
 Operator : CG/JU
 Sample : N2795-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-239MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:15:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	32424	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	133994	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	100245	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	218385	20.000	ng	0.00
76) Chrysene-d12	21.742	240	203558	20.000	ng	0.00
86) Perylene-d12	25.020	264	212670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	183796	96.202	ng	0.00
7) Phenol-d6	7.250	99	272886	94.115	ng	0.00
23) Nitrobenzene-d5	9.247	82	188869	60.002	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	128276	86.761	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	416863	60.766	ng	0.00
79) Terphenyl-d14	20.056	244	694337	63.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.526	88	36417	36.329	ng	96
3) Pyridine	3.931	79	90782	37.083	ng	92
4) n-Nitrosodimethylamine	3.843	42	61558	51.620	ng	98
6) Aniline	7.409	93	142753	44.452	ng	99
8) 2-Chlorophenol	7.655	128	113552	56.854	ng	95
9) Benzaldehyde	7.215	77	75434m	40.952	ng	
10) Phenol	7.279	94	157959	55.702	ng	97
11) bis(2-Chloroethyl)ether	7.497	93	105449	49.859	ng	98
12) 1,3-Dichlorobenzene	7.973	146	118950	50.484	ng	91
13) 1,4-Dichlorobenzene	8.120	146	121954	51.292	ng	98
14) 1,2-Dichlorobenzene	8.443	146	119334	53.448	ng	97
15) Benzyl Alcohol	8.325	79	130997m	54.040	ng	
16) 2,2'-oxybis(1-Chloropr...	8.613	45	171702	49.881	ng	96
17) 2-Methylphenol	8.531	107	104795	54.675	ng	94
18) Hexachloroethane	9.171	117	46296	51.274	ng	96
19) n-Nitroso-di-n-propyla...	8.889	70	104082	50.031	ng	96
20) 3+4-Methylphenols	8.860	107	147365	54.439	ng	98
22) Acetophenone	8.907	105	178649	48.715	ng	# 98
24) Nitrobenzene	9.294	77	162439	53.318	ng	98
25) Isophorone	9.817	82	286977	54.172	ng	99
26) 2-Nitrophenol	10.005	139	67191	54.453	ng	97
27) 2,4-Dimethylphenol	10.064	122	114635	61.732	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	150538	49.409	ng	98
29) 2,4-Dichlorophenol	10.552	162	126195	56.307	ng	94
30) 1,2,4-Trichlorobenzene	10.763	180	136558	53.627	ng	97
31) Naphthalene	10.945	128	348510	51.132	ng	99
32) Benzoic acid	10.252	122	68035m	56.735	ng	
33) 4-Chloroaniline	11.051	127	72576	25.425	ng	95
34) Hexachlorobutadiene	11.233	225	99287	52.582	ng	99
35) Caprolactam	11.838	113	40530m	49.764	ng	
36) 4-Chloro-3-methylphenol	12.179	107	141512	52.786	ng	96
37) 2-Methylnaphthalene	12.549	142	253706	49.877	ng	99
38) 1-Methylnaphthalene	12.766	142	248905	50.154	ng	97
40) 1,2,4,5-Tetrachloroben...	12.919	216	172127	54.473	ng	99
41) Hexachlorocyclopentadiene	12.895	237	143260	107.848	ng	99
43) 2,4,6-Trichlorophenol	13.154	196	116112	56.294	ng	98

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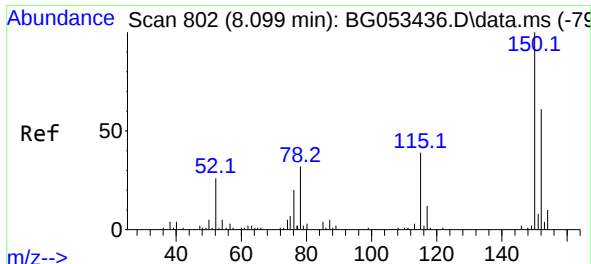
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.236	196	122198	55.666	ng	98
46) 1,1'-Biphenyl	13.547	154	353466	51.729	ng	99
47) 2-Chloronaphthalene	13.594	162	276154	51.583	ng	100
48) 2-Nitroaniline	13.794	65	105021	52.646	ng	98
49) Acenaphthylene	14.434	152	459398	53.776	ng	99
50) Dimethylphthalate	14.164	163	364732	47.880	ng	100
51) 2,6-Dinitrotoluene	14.282	165	80994	52.188	ng	98
52) Acenaphthene	14.775	154	260193	51.107	ng	99
53) 3-Nitroaniline	14.617	138	60113	35.848	ng	96
54) 2,4-Dinitrophenol	14.828	184	92369	92.688	ng	97
55) Dibenzofuran	15.110	168	442782	48.420	ng	98
56) 4-Nitrophenol	14.940	139	119069	99.414	ng	87
57) 2,4-Dinitrotoluene	15.075	165	112116	49.839	ng	86
58) Fluorene	15.762	166	360495	49.124	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.339	232	111349	49.993	ng	98
60) Diethylphthalate	15.521	149	371913	47.264	ng	98
61) 4-Chlorophenyl-phenyle...	15.744	204	200906	49.062	ng	98
62) 4-Nitroaniline	15.786	138	73987	42.539	ng	97
63) Azobenzene	16.038	77	382405	47.458	ng	99
65) 4,6-Dinitro-2-methylph...	15.844	198	66295	50.945	ng	99
66) n-Nitrosodiphenylamine	15.962	169	318709	55.585	ng	99
67) 4-Bromophenyl-phenylether	16.637	248	141218	55.369	ng	96
68) Hexachlorobenzene	16.767	284	152361	54.546	ng	99
69) Atrazine	16.908	200	129261	53.551	ng	94
70) Pentachlorophenol	17.119	266	165453	108.246	ng	91
71) Phenanthrene	17.501	178	590373	53.165	ng	97
72) Anthracene	17.595	178	583933	53.500	ng	99
73) Carbazole	17.859	167	523538	48.942	ng	98
74) Di-n-butylphthalate	18.406	149	599261	49.811	ng	100
75) Fluoranthene	19.510	202	728479	50.665	ng	98
77) Benzidine	19.680	184	226059	51.524	ng	99
78) Pyrene	19.868	202	726290	55.117	ng	99
80) Butylbenzylphthalate	20.744	149	257553	53.301	ng	95
81) Benzo(a)anthracene	21.719	228	705351	54.327	ng	99
82) 3,3'-Dichlorobenzidine	21.625	252	181881	55.242	ng	98
83) Chrysene	21.789	228	639886	52.770	ng	97
84) Bis(2-ethylhexyl)phtha...	21.607	149	416954	62.518	ng	100
85) Di-n-octyl phthalate	22.829	149	614207	54.462	ng	98
87) Indeno(1,2,3-cd)pyrene	28.786	276	785112	53.005	ng	# 98
88) Benzo(b)fluoranthene	23.980	252	735473	58.425	ng	99
89) Benzo(k)fluoranthene	24.045	252	656132	53.042	ng	99
90) Benzo(a)pyrene	24.867	252	682856	63.732	ng	97
91) Dibenzo(a,h)anthracene	28.844	278	682925	55.954	ng	98
92) Benzo(g,h,i)perylene	29.978	276	680088	56.214	ng	96

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



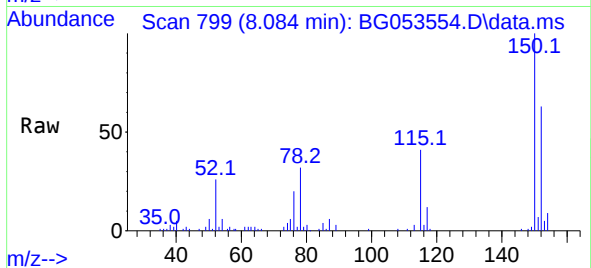
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

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VNJ-239MSD

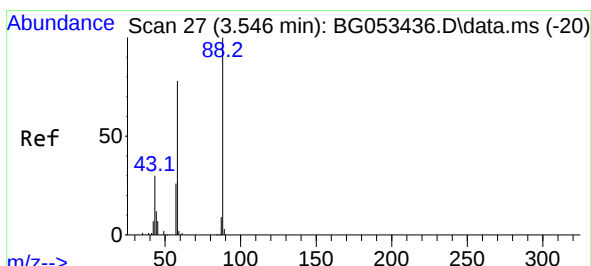
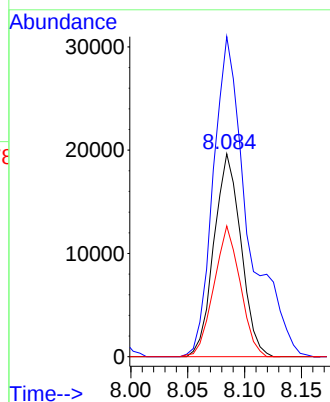


Tgt Ion:152 Resp: 32424
Ion Ratio Lower Upper
152 100
150 157.7 131.6 197.4
115 64.4 50.9 76.3

Manual Integrations

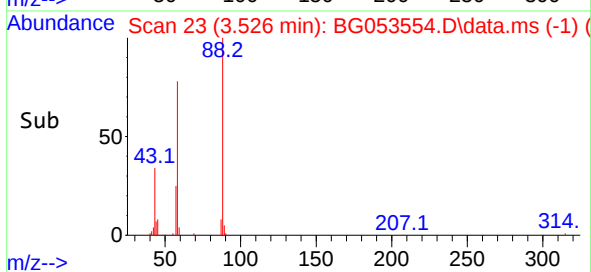
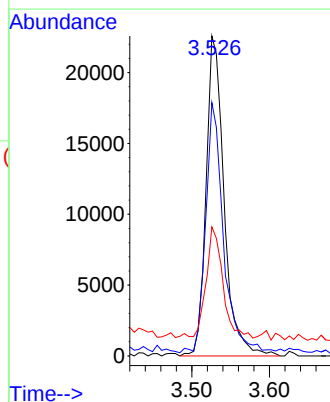
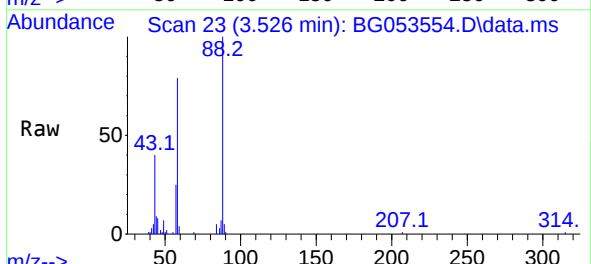
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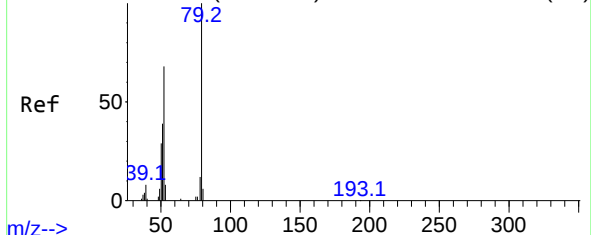


#2
1,4-Dioxane
Concen: 36.329 ng
RT: 3.526 min Scan# 23
Delta R.T. -0.011 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion: 88 Resp: 36417
Ion Ratio Lower Upper
88 100
58 77.5 59.2 88.8
43 32.5 24.3 36.5



Abundance Scan 96 (3.951 min): BG053436.D\data.ms (-91)



#3

Pyridine

Concen: 37.083 ng

RT: 3.931 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG053554.D

Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

Tgt Ion: 79 Resp: 9078

Ion Ratio Lower Upper

79 100

52 78.2 54.6 81.8

51 40.1 32.5 48.7

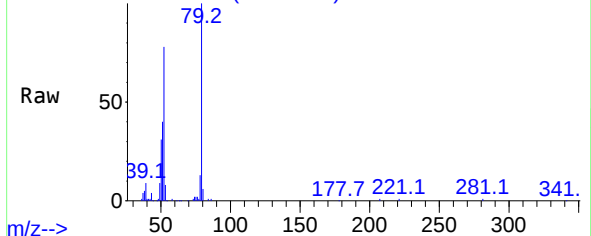
Manual Integrations

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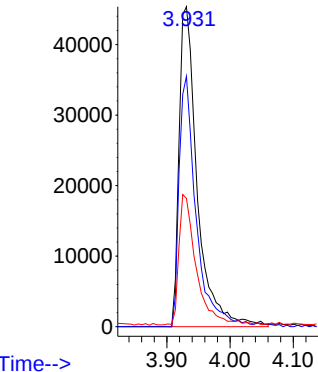
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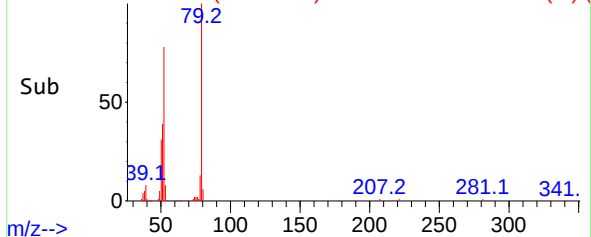
Abundance Scan 92 (3.931 min): BG053554.D\data.ms



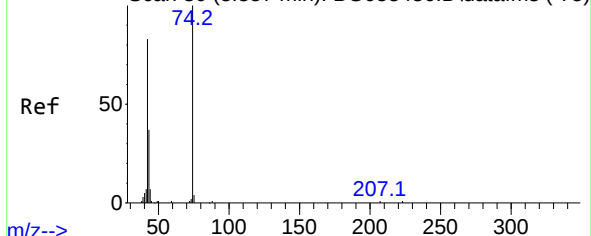
Abundance



Abundance Scan 92 (3.931 min): BG053554.D\data.ms (-3)



Abundance Scan 80 (3.857 min): BG053436.D\data.ms (-75)



#4

n-Nitrosodimethylamine

Concen: 51.620 ng

RT: 3.843 min Scan# 77

Delta R.T. -0.005 min

Lab File: BG053554.D

Acq: 13 May 2022 22:21

Tgt Ion: 42 Resp: 61558

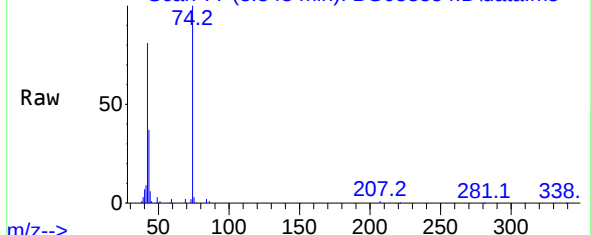
Ion Ratio Lower Upper

42 100

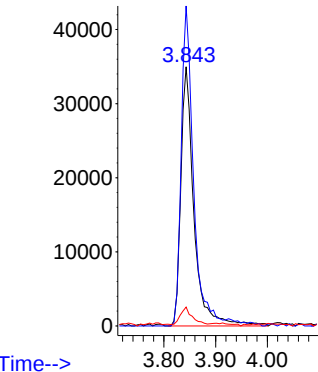
74 123.5 97.0 145.4

44 7.3 7.0 10.4

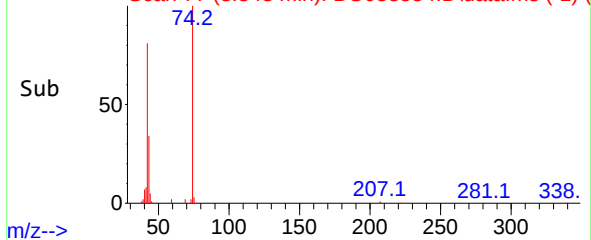
Abundance Scan 77 (3.843 min): BG053554.D\data.ms

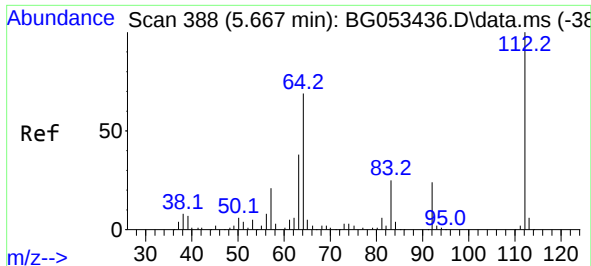


Abundance



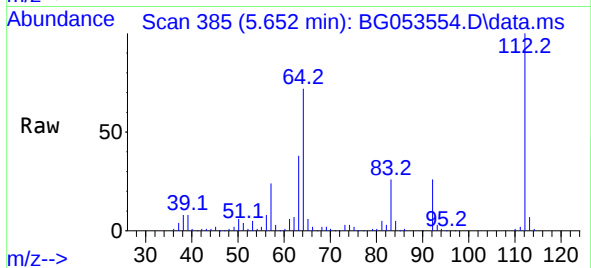
Abundance Scan 77 (3.843 min): BG053554.D\data.ms (-1)





#5
2-Fluorophenol
Concen: 96.202 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

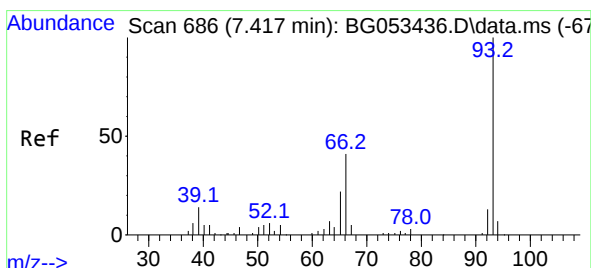
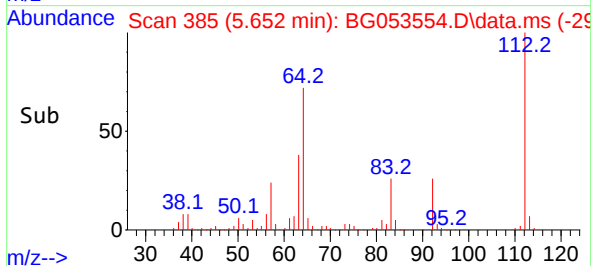
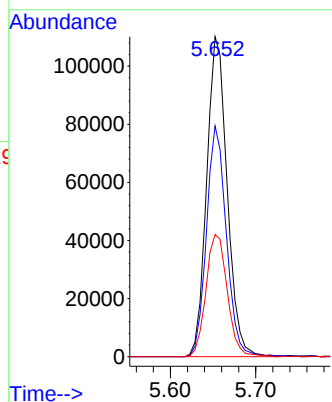
Instrument :
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Tgt Ion:112 Resp: 183790
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 38.2 30.4 45.6

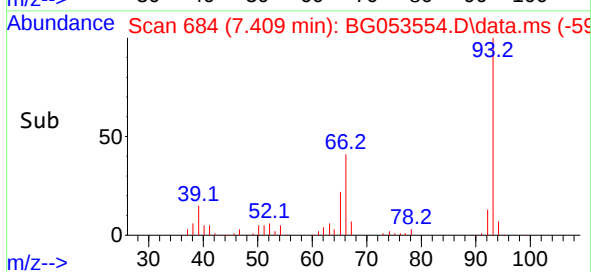
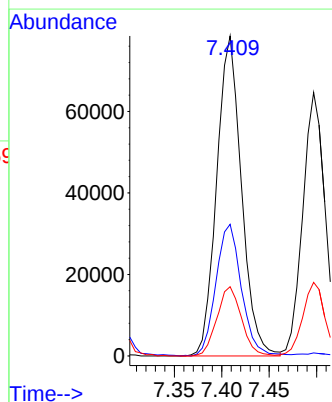
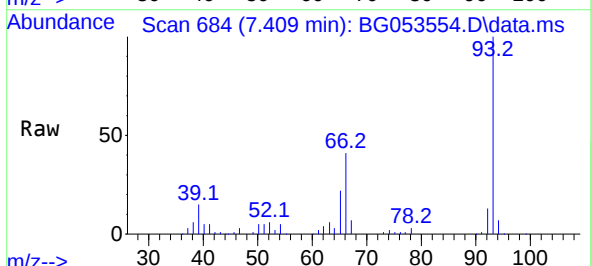
Manual Integrations
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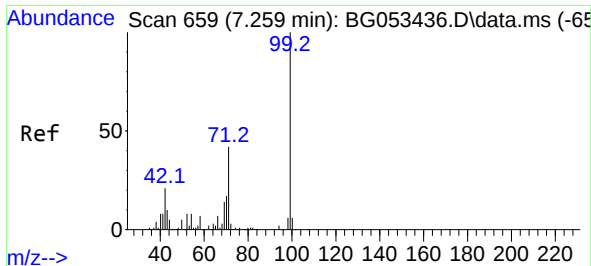
Reviewed By :Christian Giraldo 05/16/2022
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#6
Aniline
Concen: 44.452 ng
RT: 7.409 min Scan# 684
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

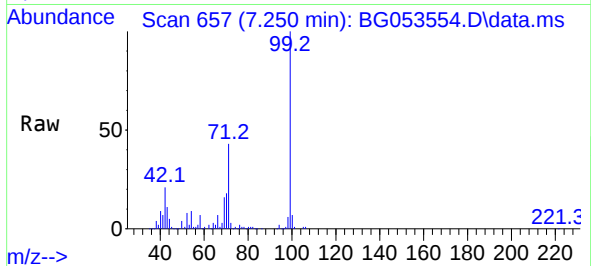
Tgt Ion: 93 Resp: 142753
Ion Ratio Lower Upper
93 100
66 41.1 32.9 49.3
65 21.7 17.8 26.8





#7
Phenol-d6
Concen: 94.115 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

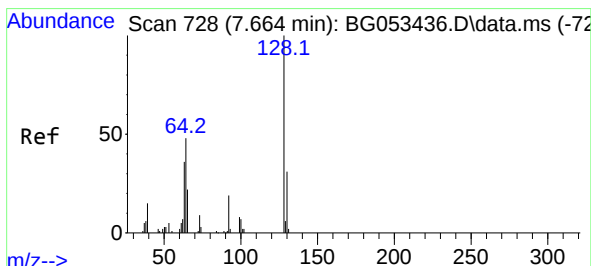
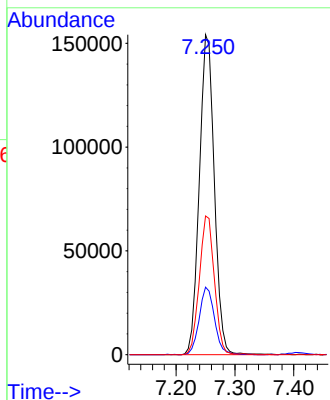
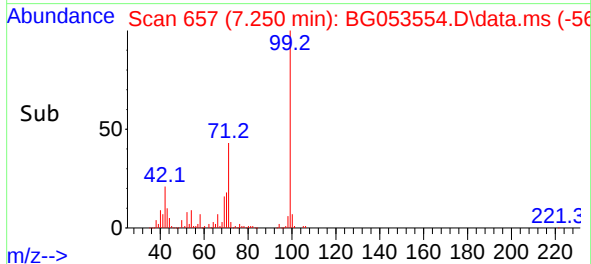
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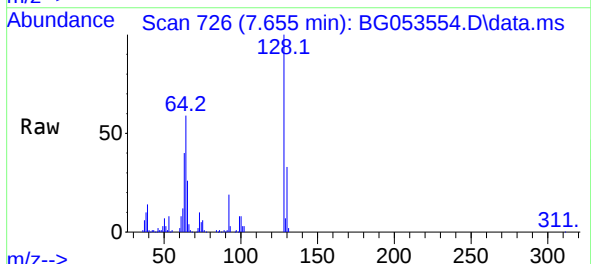
Tgt Ion: 99 Resp: 272880
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 43.4 33.8 50.8

Manual Integrations
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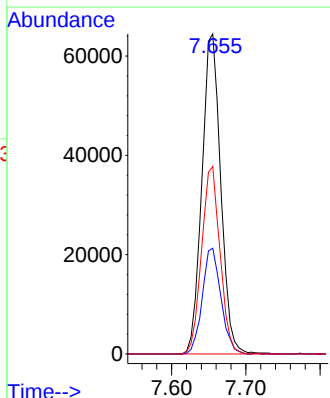
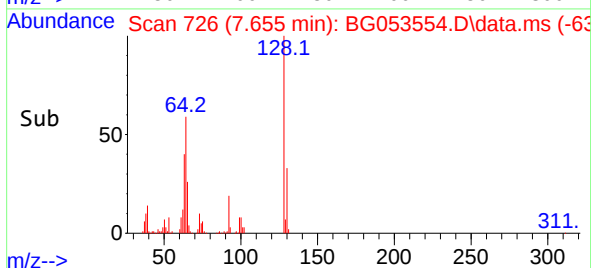
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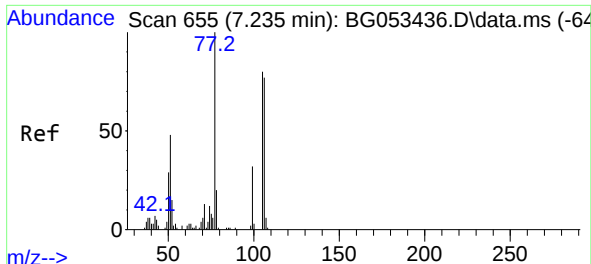


#8
2-Chlorophenol
Concen: 56.854 ng
RT: 7.655 min Scan# 726
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



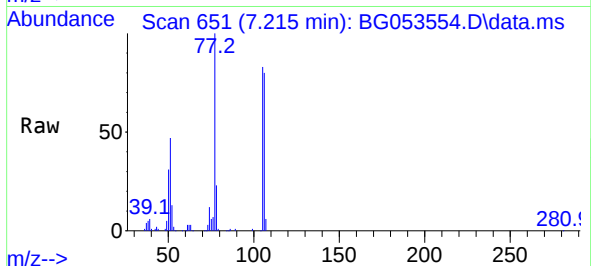
Tgt Ion:128 Resp: 113552
Ion Ratio Lower Upper
128 100
130 33.1 10.5 50.5
64 58.6 35.1 75.1





#9
Benzaldehyde
Concen: 40.952 ng m
RT: 7.215 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

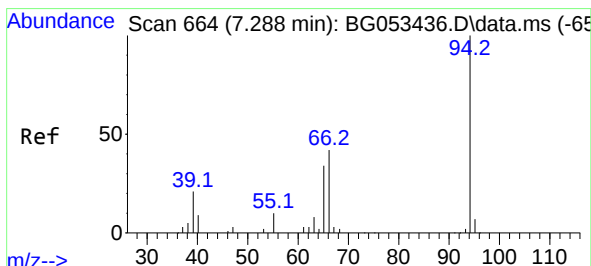
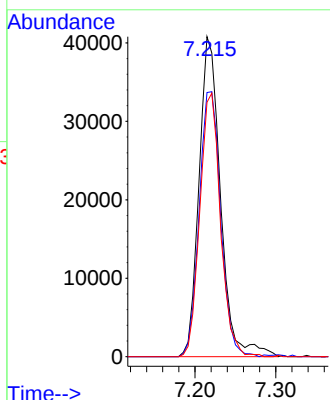
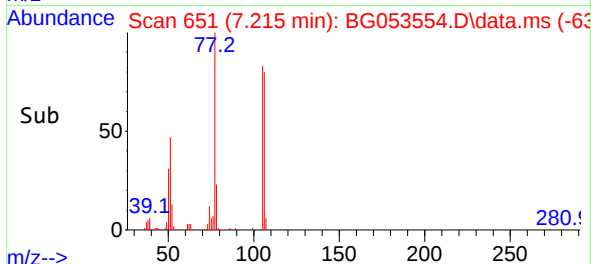
Instrument :
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ClientSampleId :
VNJ-239MSD



Tgt Ion: 77 Resp: 75434
Ion Ratio Lower Upper
77 100
105 82.5 59.6 99.6
106 79.5 56.8 96.8

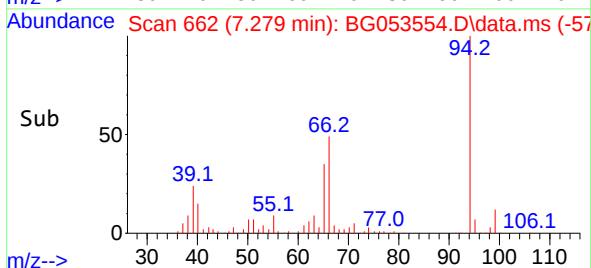
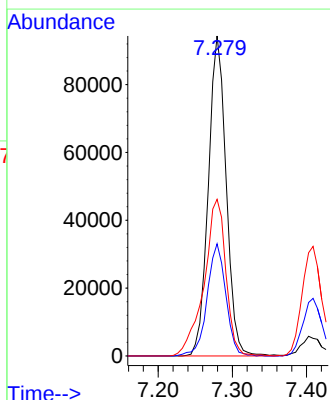
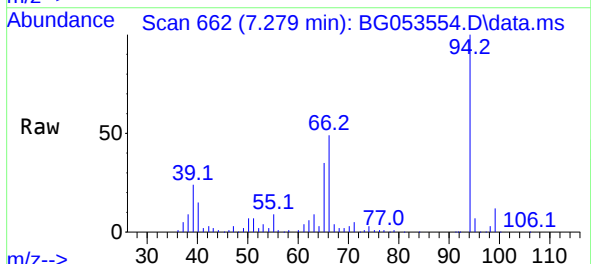
Manual Integrations
APPROVED

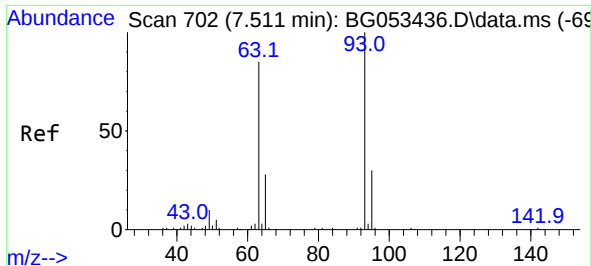
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#10
Phenol
Concen: 55.702 ng
RT: 7.279 min Scan# 662
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

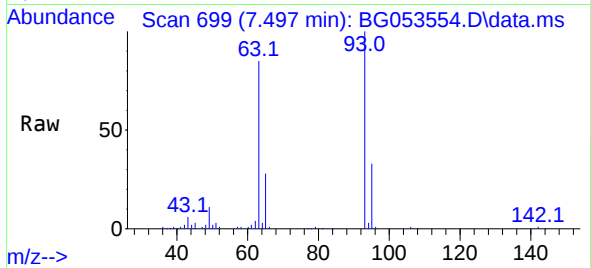
Tgt Ion: 94 Resp: 157959
Ion Ratio Lower Upper
94 100
65 35.1 14.8 54.8
66 49.0 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 49.859 ng
RT: 7.497 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

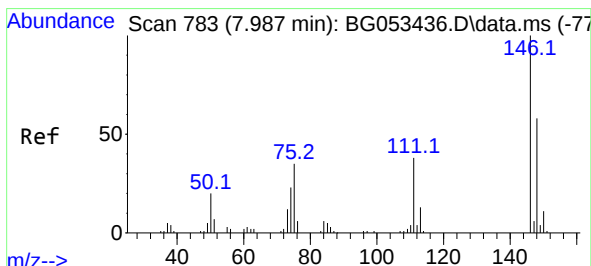
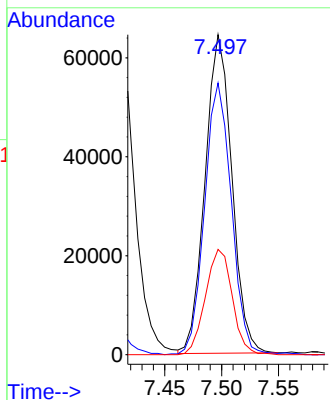
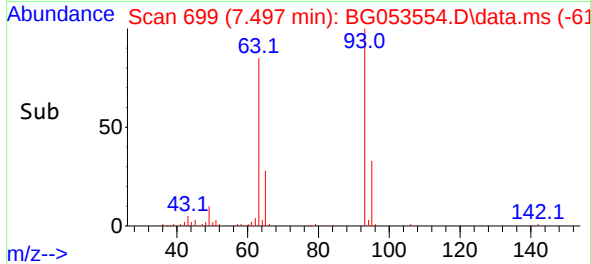
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



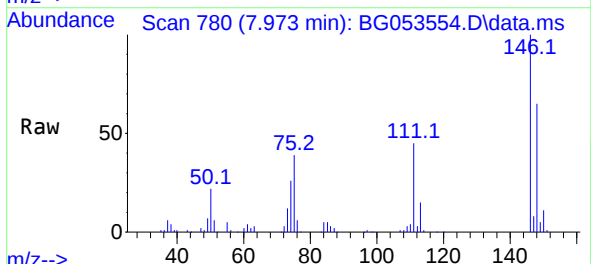
Tgt Ion: 93 Resp: 105449
Ion Ratio Lower Upper
93 100
63 84.9 63.6 103.6
95 32.9 10.1 50.1

Manual Integrations
APPROVED

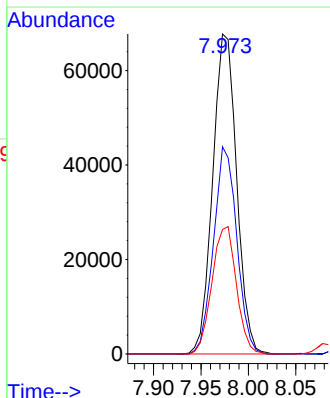
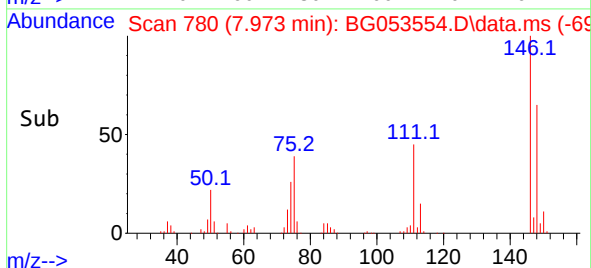
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

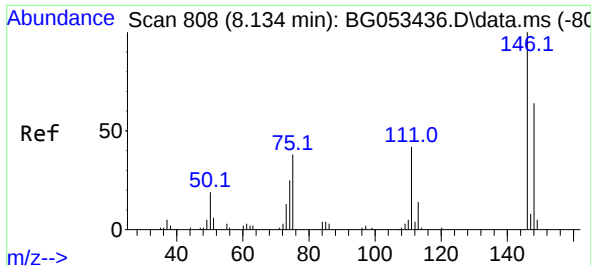


#12
1,3-Dichlorobenzene
Concen: 50.484 ng
RT: 7.973 min Scan# 780
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



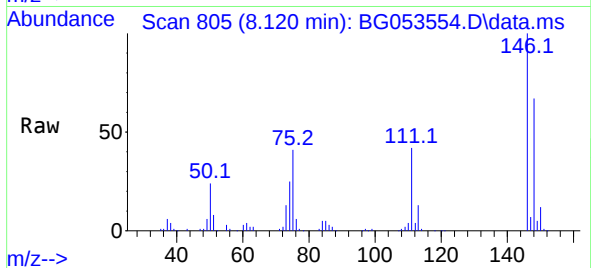
Tgt Ion:146 Resp: 118950
Ion Ratio Lower Upper
146 100
148 64.7 46.1 69.1
75 38.9 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 51.292 ng
RT: 8.120 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

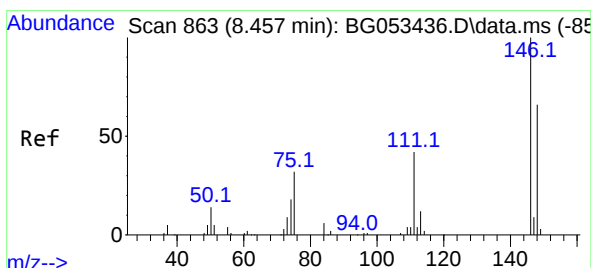
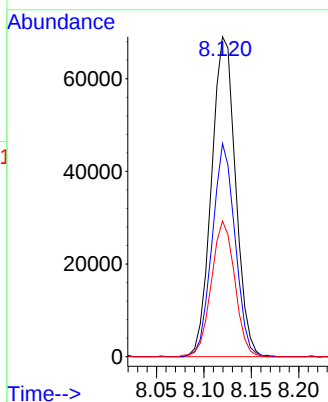
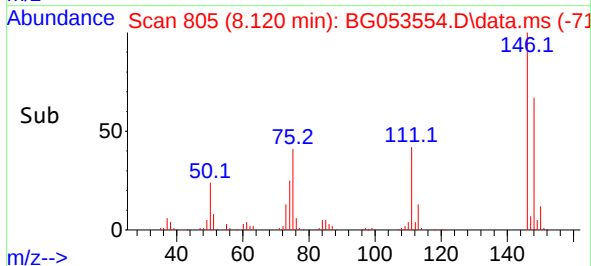
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



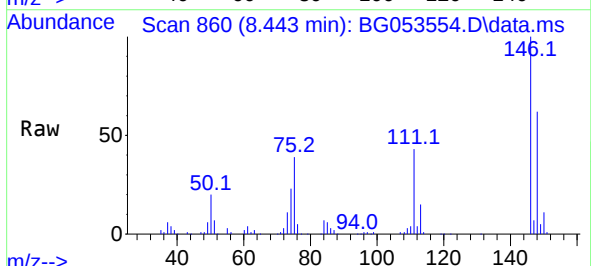
Tgt Ion:146 Resp: 121954
Ion Ratio Lower Upper
146 100
148 66.7 51.5 77.3
111 42.4 33.9 50.9

Manual Integrations
APPROVED

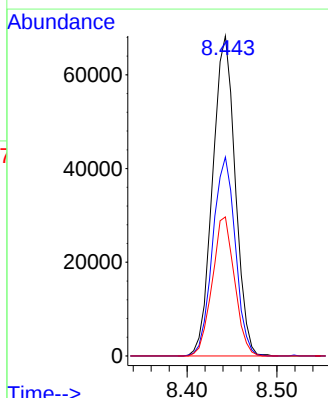
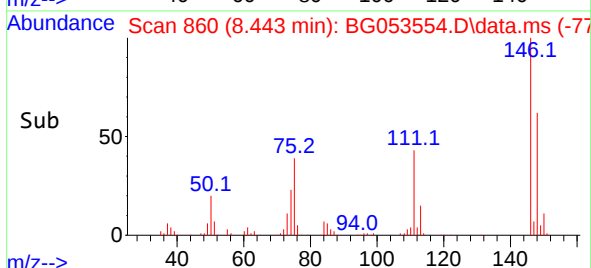
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

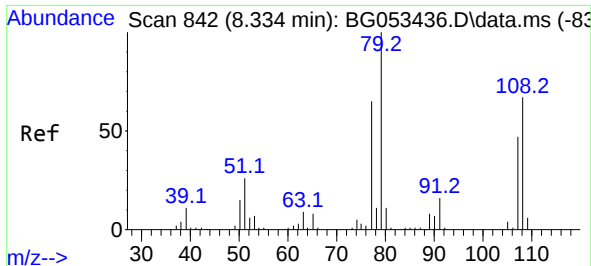


#14
1,2-Dichlorobenzene
Concen: 53.448 ng
RT: 8.443 min Scan# 860
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:146 Resp: 119334
Ion Ratio Lower Upper
146 100
148 62.2 52.6 78.8
111 43.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 54.040 ng m
RT: 8.325 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

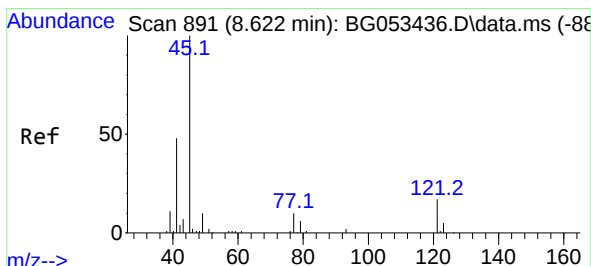
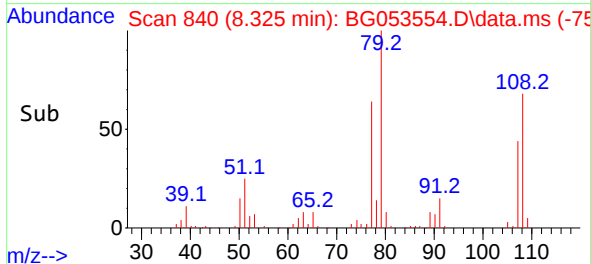
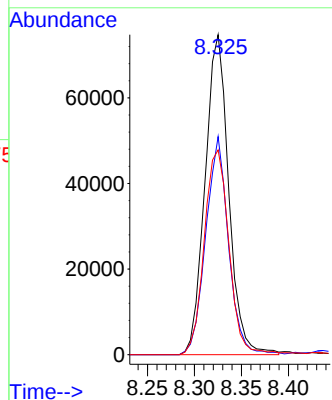
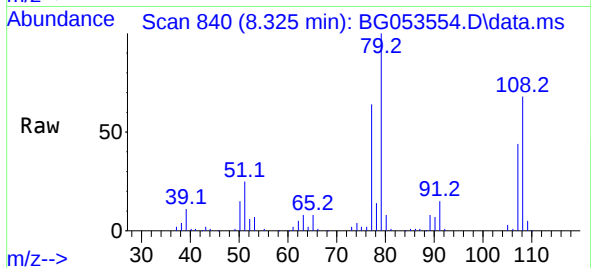
VNJ-239MSD

Tgt Ion: 79 Resp: 13099
Ion Ratio Lower Upper
79 100
108 68.2 53.7 80.5
77 64.0 52.2 78.4

Manual Integrations

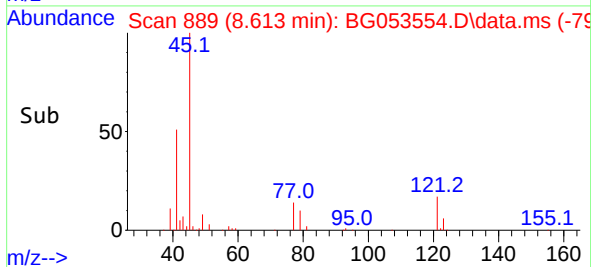
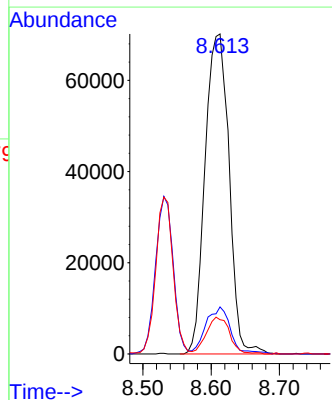
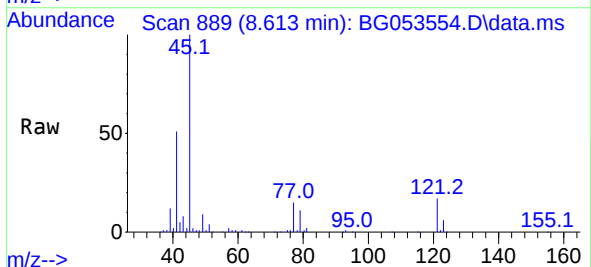
APPROVED

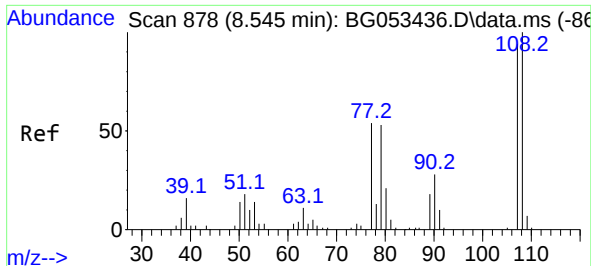
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.881 ng
RT: 8.613 min Scan# 889
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion: 45 Resp: 171702
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.7
79 10.7 0.0 29.7





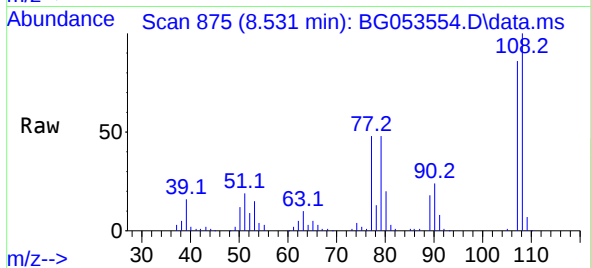
#17
2-Methylphenol
Concen: 54.675 ng
RT: 8.531 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

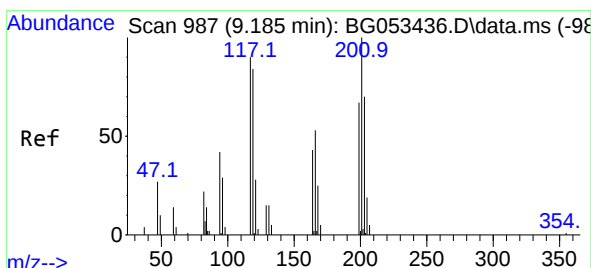
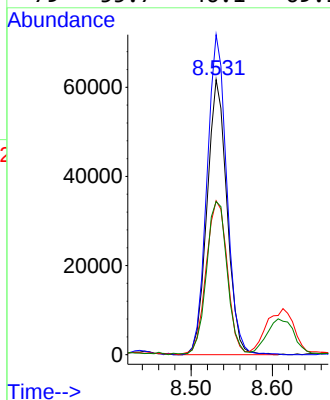
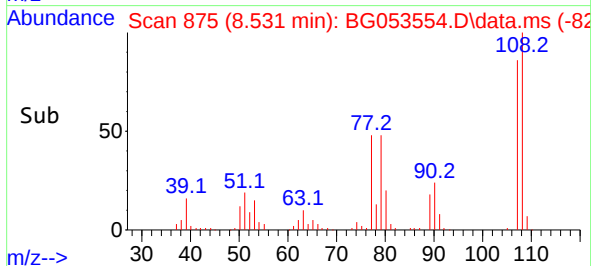


Tgt Ion:107 Resp: 10479
Ion Ratio Lower Upper
107 100
108 116.3 85.4 128.0
77 56.0 46.2 69.2
79 55.7 46.1 69.1

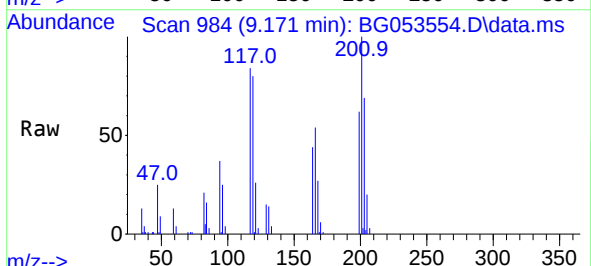
Manual Integrations

APPROVED

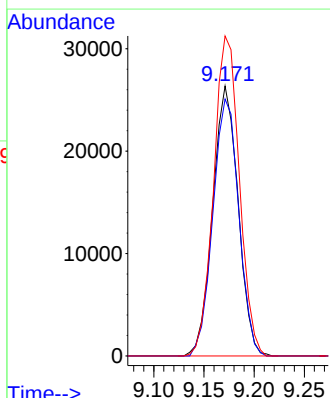
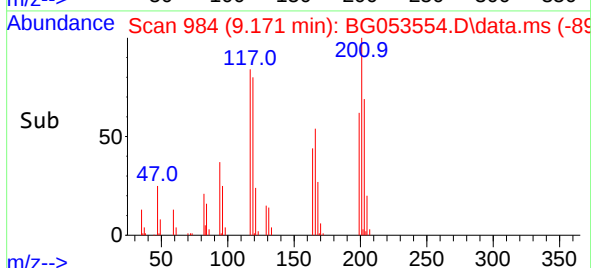
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

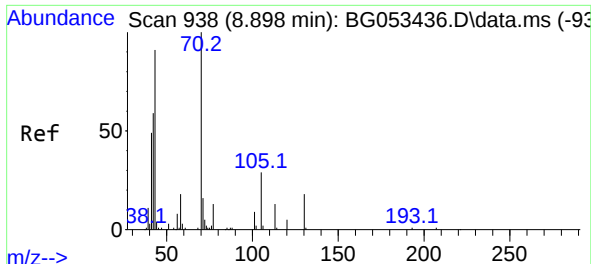


#18
Hexachloroethane
Concen: 51.274 ng
RT: 9.171 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



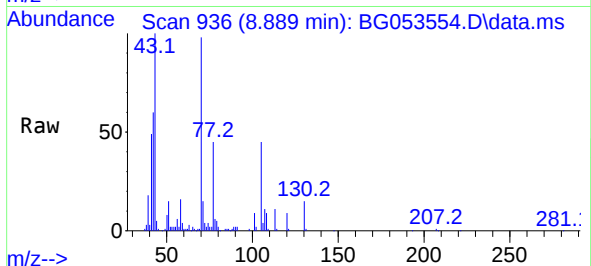
Tgt Ion:117 Resp: 46296
Ion Ratio Lower Upper
117 100
119 95.2 75.0 112.6
201 118.5 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 50.031 ng
RT: 8.889 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

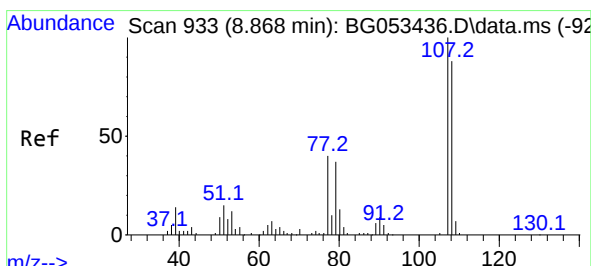
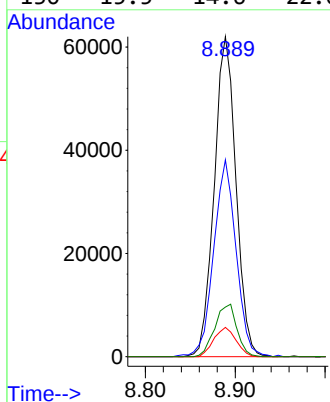
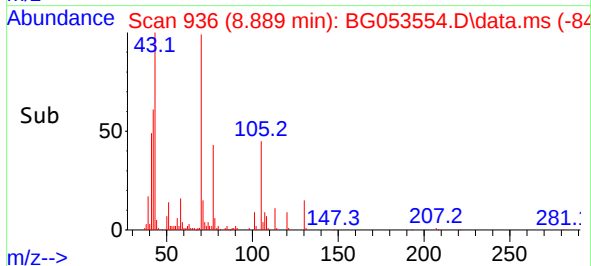
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



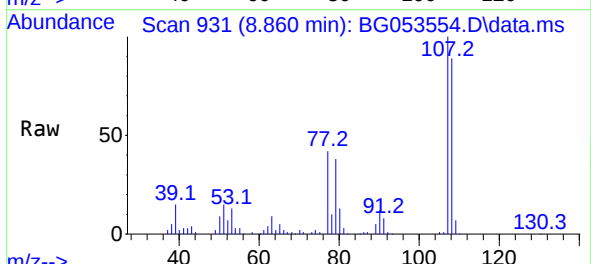
Tgt Ion: 70 Resp: 10408
Ion Ratio Lower Upper
70 100
42 61.5 47.3 70.9
101 9.2 7.0 10.4
130 15.5 14.6 22.0

Manual Integrations
APPROVED

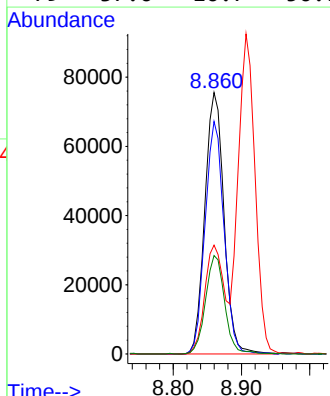
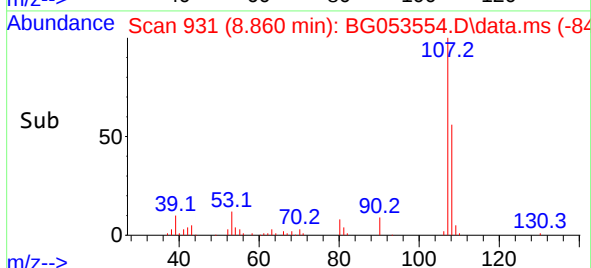
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

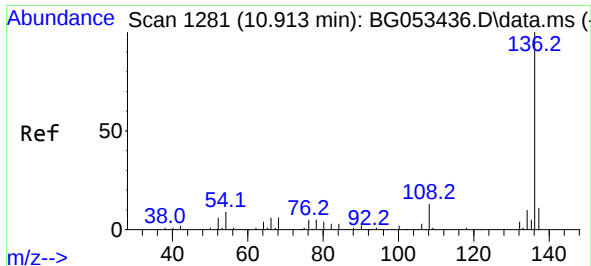


#20
3+4-Methylphenols
Concen: 54.439 ng
RT: 8.860 min Scan# 931
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:107 Resp: 147365
Ion Ratio Lower Upper
107 100
108 88.9 67.5 107.5
77 41.6 20.3 60.3
79 37.6 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 133994
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

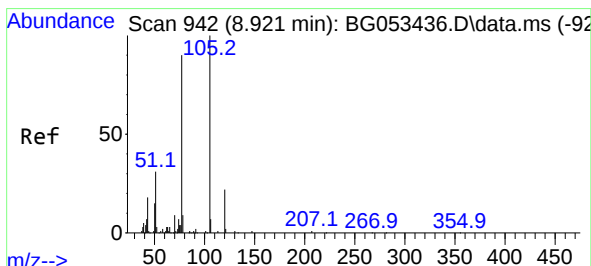
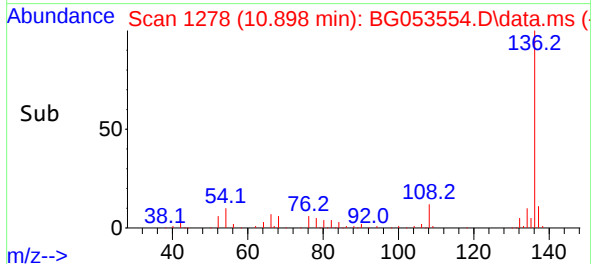
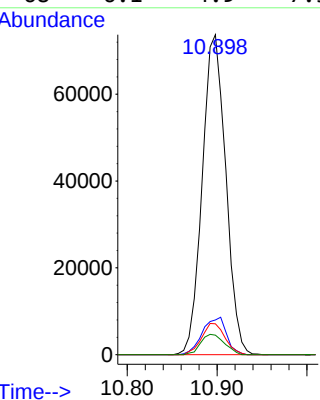
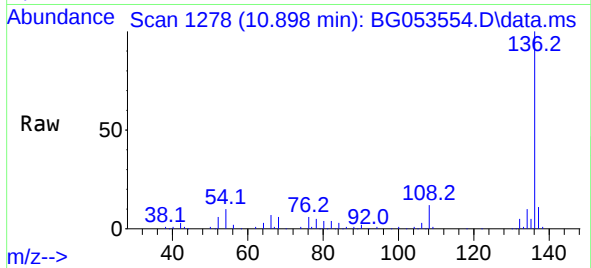
VNJ-239MSD

Tgt Ion:136 Resp: 133994
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.6 7.4 11.2
68 6.1 4.9 7.3

Manual Integrations

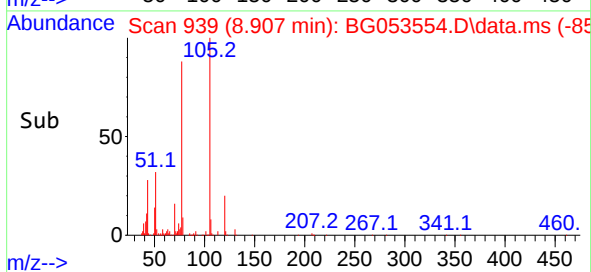
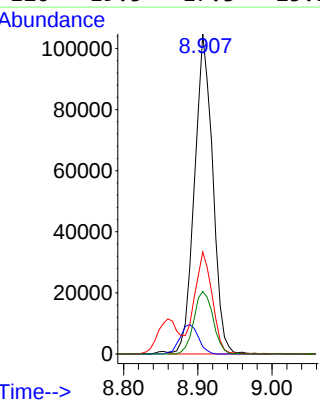
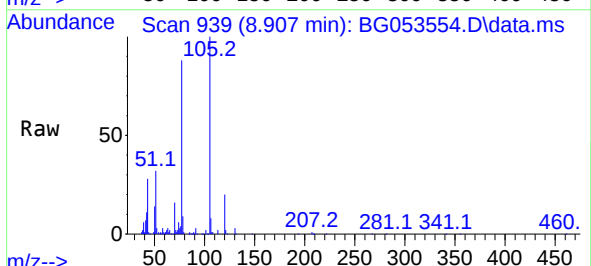
APPROVED

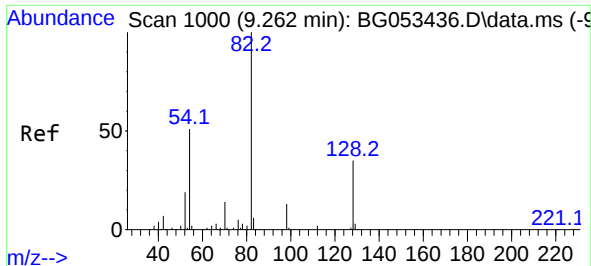
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#22
Acetophenone
Concen: 48.715 ng
RT: 8.907 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion:105 Resp: 178649
Ion Ratio Lower Upper
105 100
71 2.2 1.1 1.7#
51 31.8 25.4 38.0
120 19.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 60.002 ng

RT: 9.247 min Scan# 90

Delta R.T. -0.005 min

Lab File: BG053554.D

Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

Tgt Ion: 82 Resp: 188869

Ion Ratio Lower Upper

82 100

128 35.4 27.9 41.9

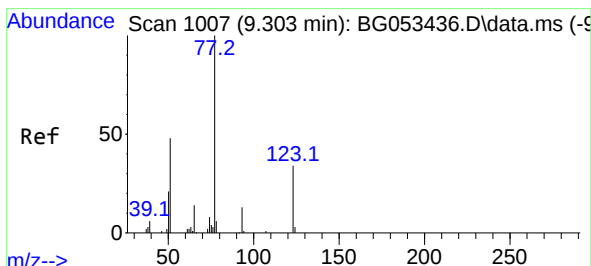
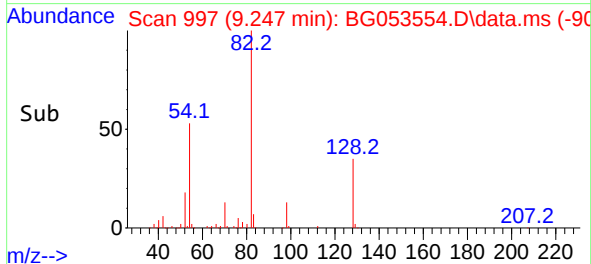
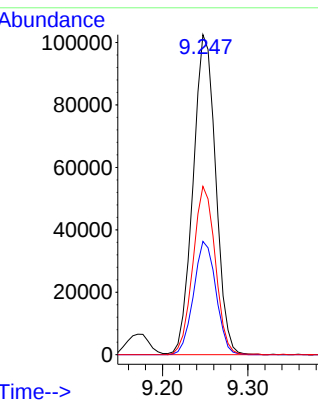
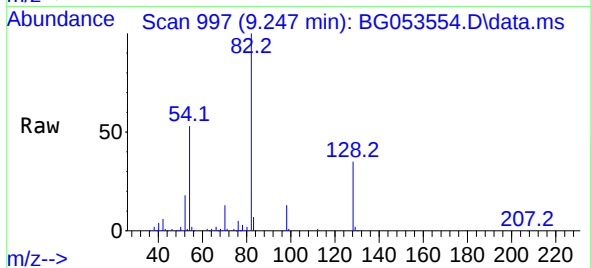
54 52.6 41.2 61.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#24

Nitrobenzene

Concen: 53.318 ng

RT: 9.294 min Scan# 1005

Delta R.T. 0.001 min

Lab File: BG053554.D

Acq: 13 May 2022 22:21

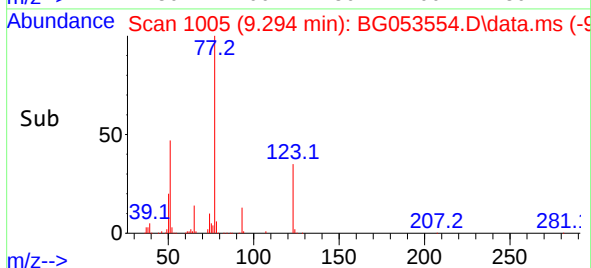
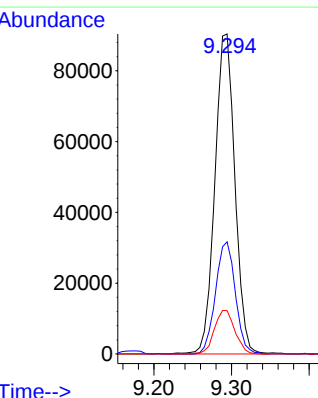
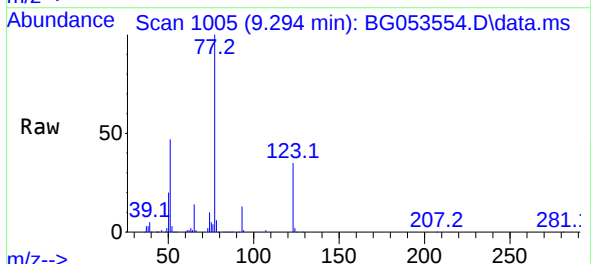
Tgt Ion: 77 Resp: 162439

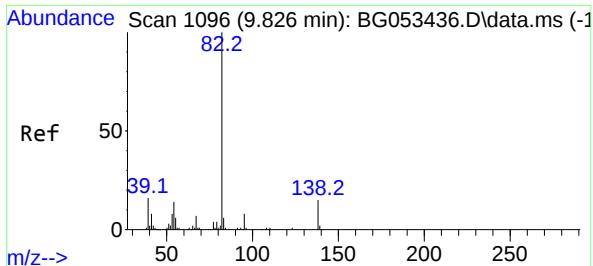
Ion Ratio Lower Upper

77 100

123 35.1 27.4 41.0

65 13.5 11.4 17.0





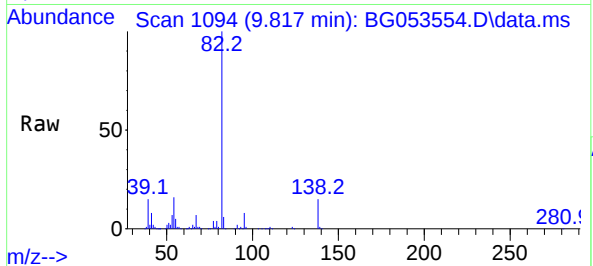
#25
Isophorone
Concen: 54.172 ng
RT: 9.817 min Scan# 1096
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

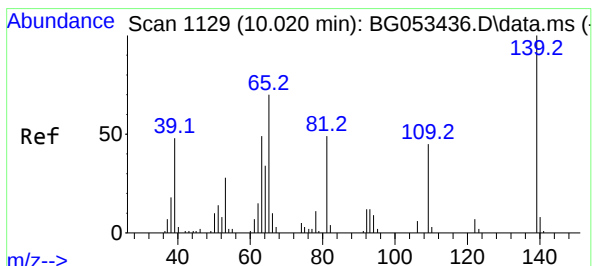
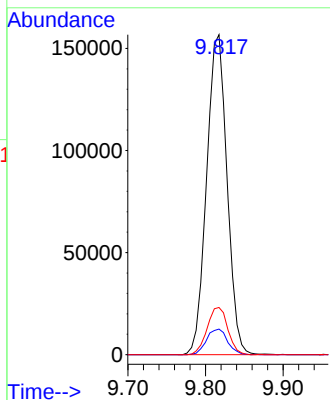
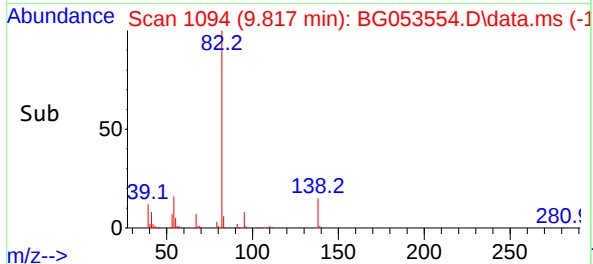


Tgt Ion: 82 Resp: 28697
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 14.8 11.6 17.4

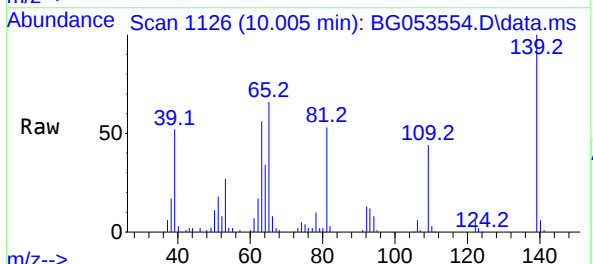
Manual Integrations

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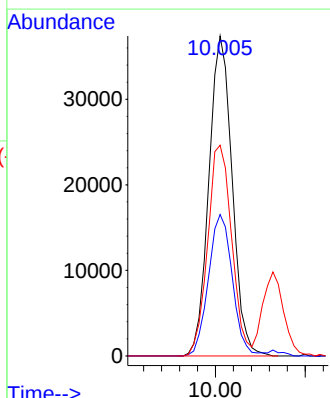
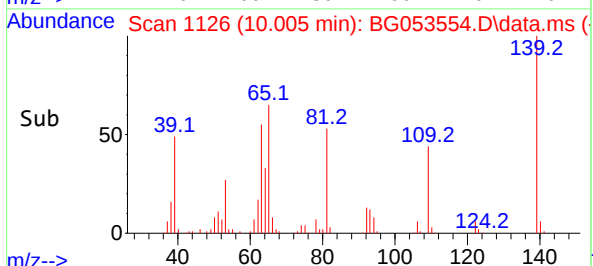
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

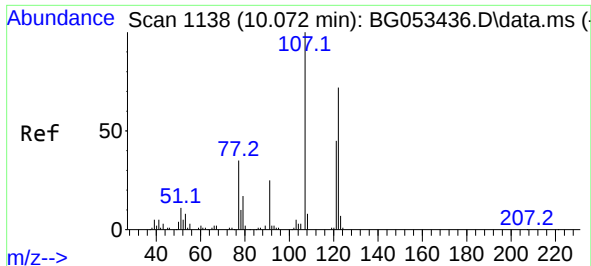


#26
2-Nitrophenol
Concen: 54.453 ng
RT: 10.005 min Scan# 1126
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:139 Resp: 67191
Ion Ratio Lower Upper
139 100
109 44.2 36.1 54.1
65 65.8 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 61.732 ng
RT: 10.064 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

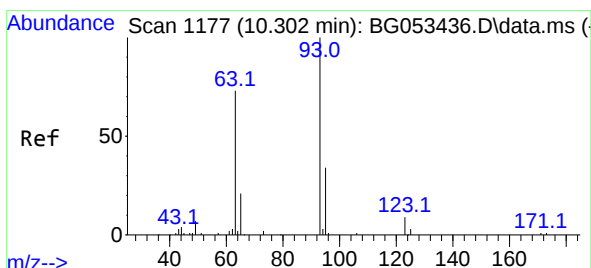
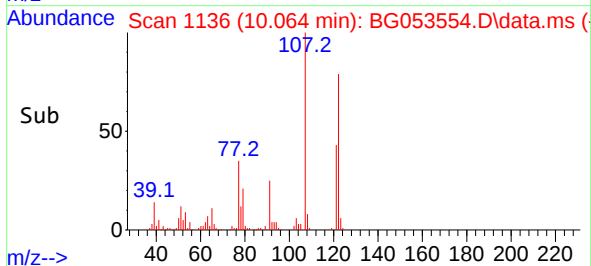
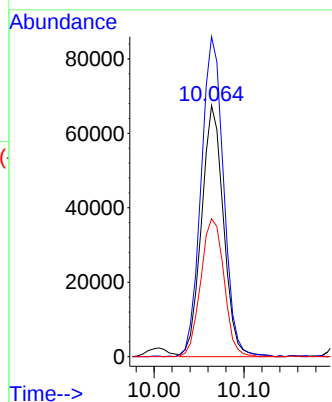
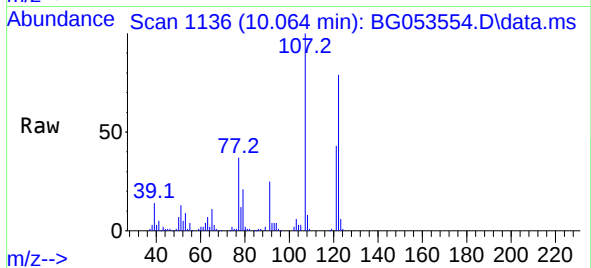
VNJ-239MSD

Tgt Ion:122 Resp: 11463
Ion Ratio Lower Upper
122 100
107 127.4 109.4 164.0
121 54.9 48.7 73.1

Manual Integrations

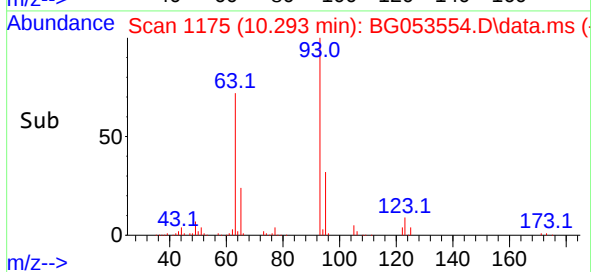
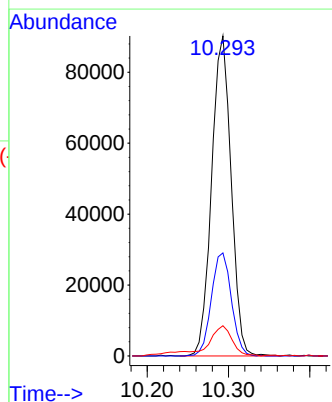
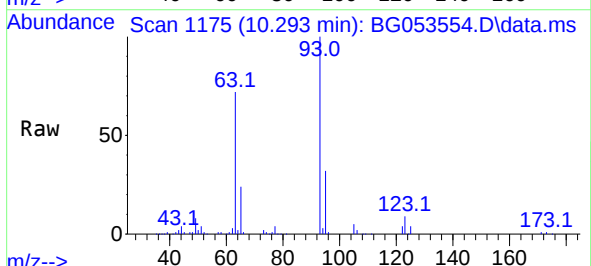
APPROVED

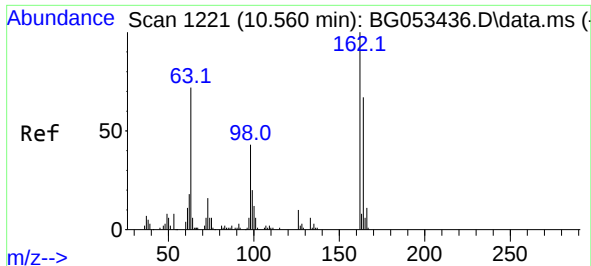
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.409 ng
RT: 10.293 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

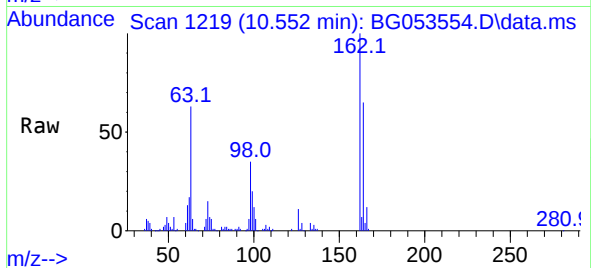
Tgt Ion: 93 Resp: 150538
Ion Ratio Lower Upper
93 100
95 32.2 26.9 40.3
123 9.5 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 56.307 ng
RT: 10.552 min Scan# 1219
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

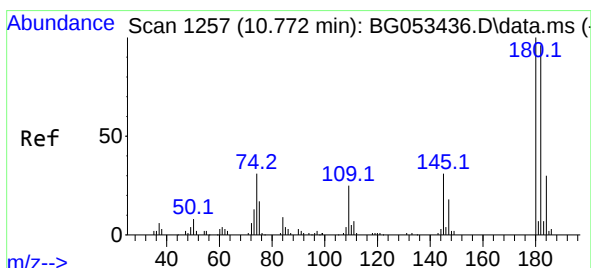
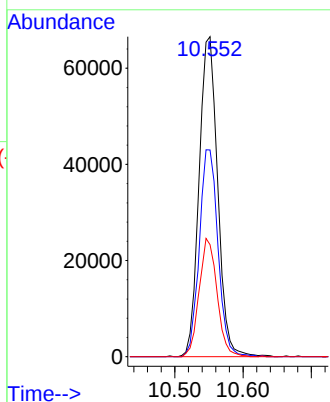
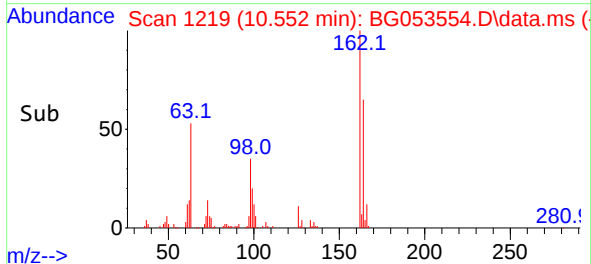
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



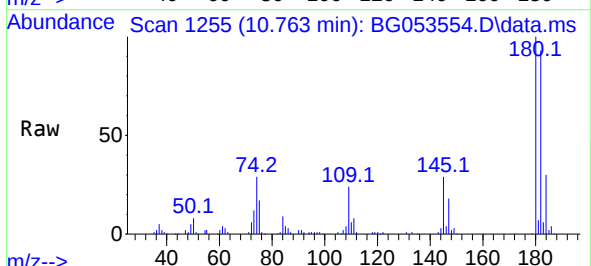
Tgt Ion:162 Resp: 12619
Ion Ratio Lower Upper
162 100
164 64.6 46.6 86.6
98 35.0 22.8 62.8

Manual Integrations
APPROVED

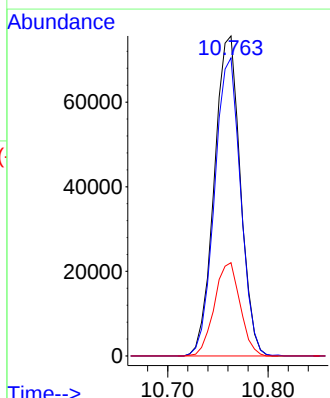
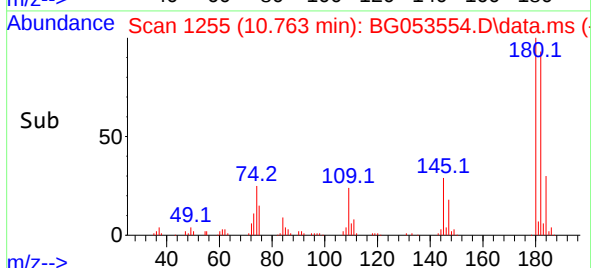
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

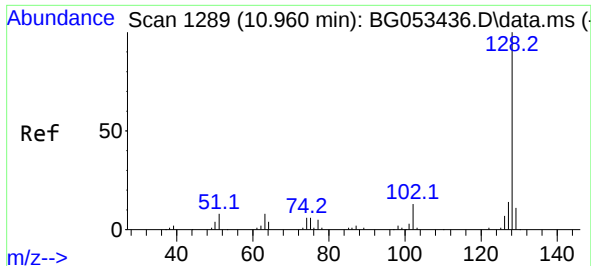


#30
1,2,4-Trichlorobenzene
Concen: 53.627 ng
RT: 10.763 min Scan# 1255
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



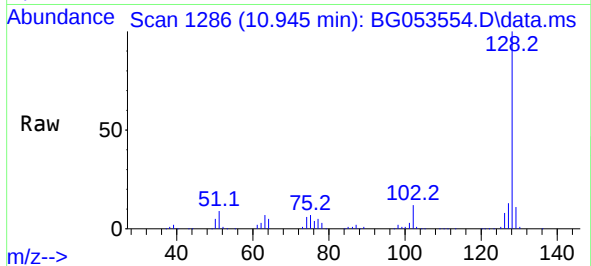
Tgt Ion:180 Resp: 136558
Ion Ratio Lower Upper
180 100
182 93.2 76.6 115.0
145 29.1 25.0 37.4





#31
Naphthalene
Concen: 51.132 ng
RT: 10.945 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

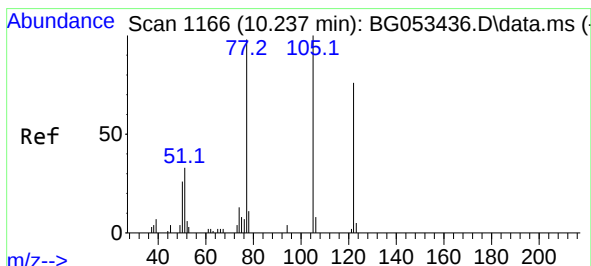
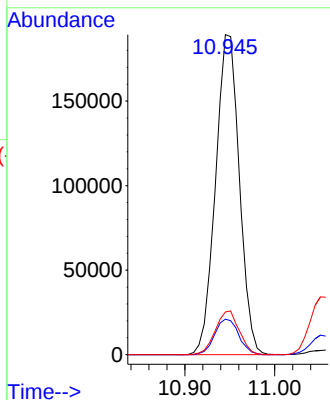
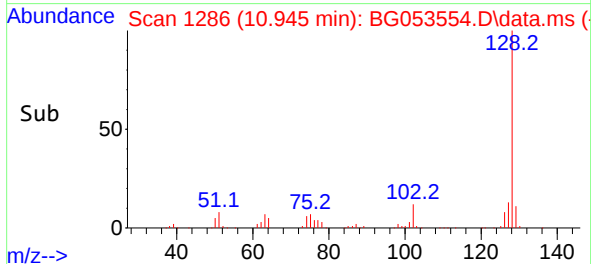
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



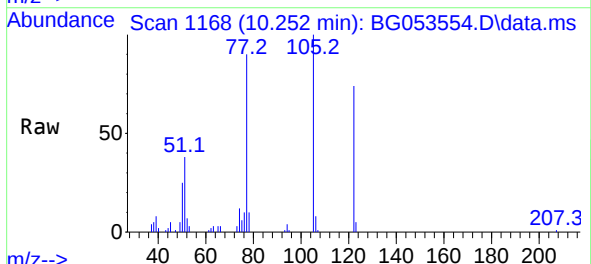
Tgt Ion:128 Resp: 348510
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 11.1 16.7

Manual Integrations
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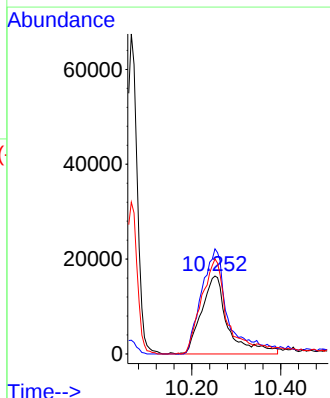
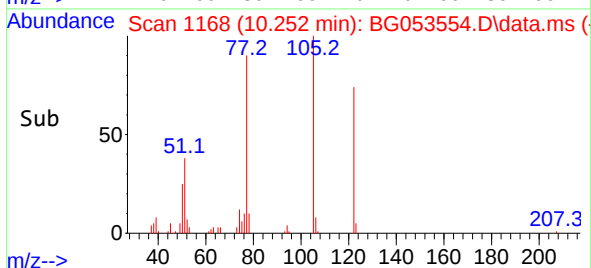
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

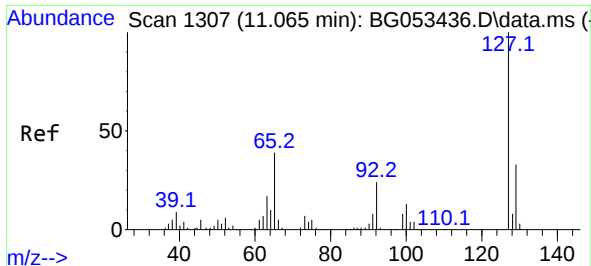


#32
Benzoic acid
Concen: 56.735 ng m
RT: 10.252 min Scan# 1168
Delta R.T. 0.012 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:122 Resp: 68035
Ion Ratio Lower Upper
122 100
105 134.9 111.8 151.8
77 121.8 109.4 149.4





#33
4-Chloroaniline
Concen: 25.425 ng
RT: 11.051 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

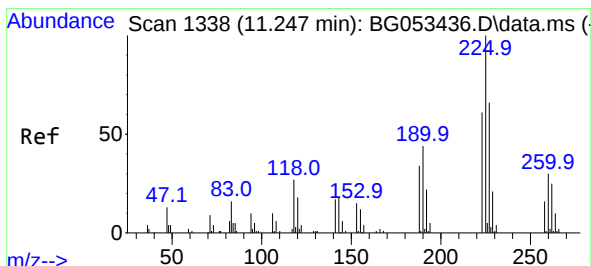
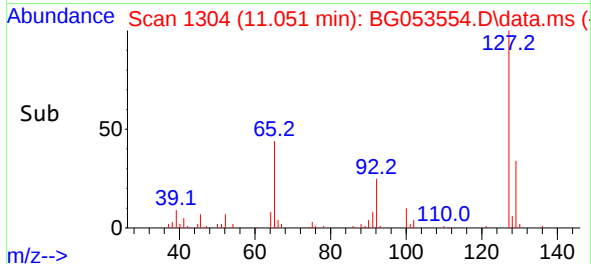
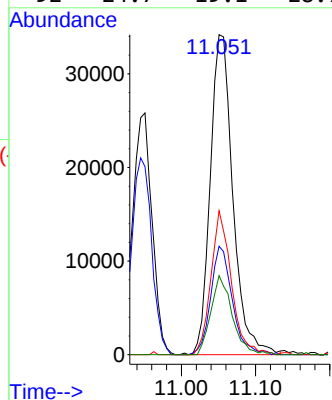
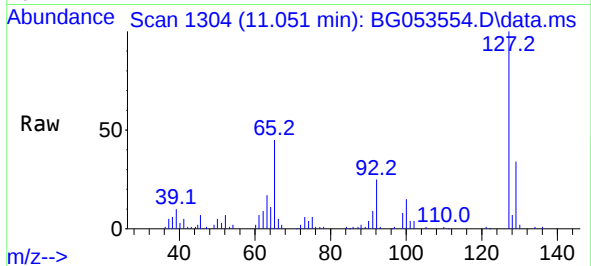
VNJ-239MSD

Tgt Ion:127 Resp: 72570
Ion Ratio Lower Upper
127 100
129 33.9 26.3 39.5
65 44.9 31.1 46.7
92 24.7 19.1 28.7

Manual Integrations

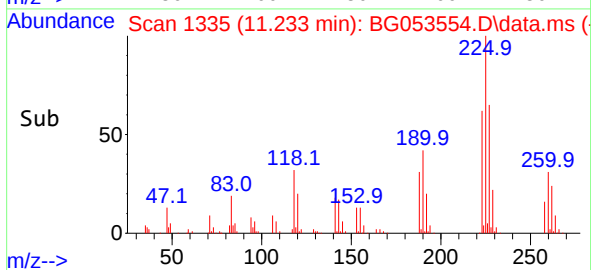
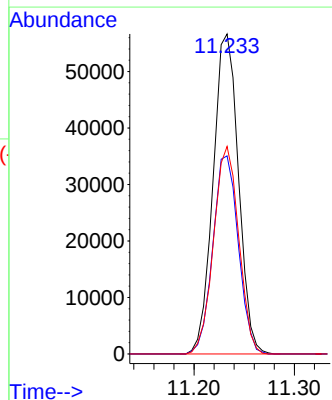
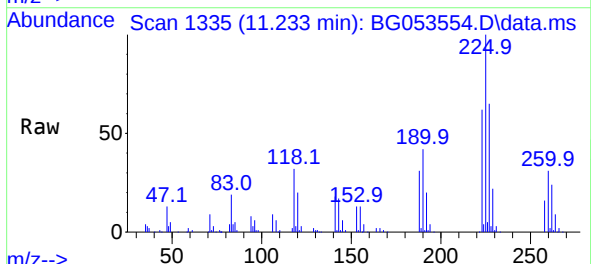
APPROVED

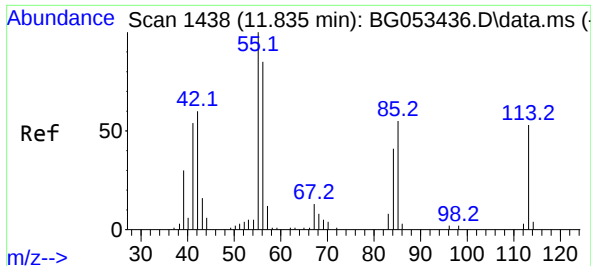
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#34
Hexachlorobutadiene
Concen: 52.582 ng
RT: 11.233 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

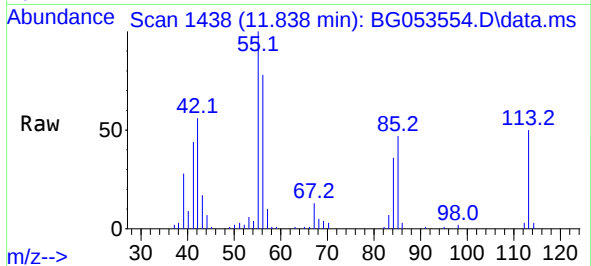
Tgt Ion:225 Resp: 99287
Ion Ratio Lower Upper
225 100
223 61.9 48.9 73.3
227 64.8 52.8 79.2





#35
Caprolactam
Concen: 49.764 ng m
RT: 11.838 min Scan# 1438
Delta R.T. 0.007 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

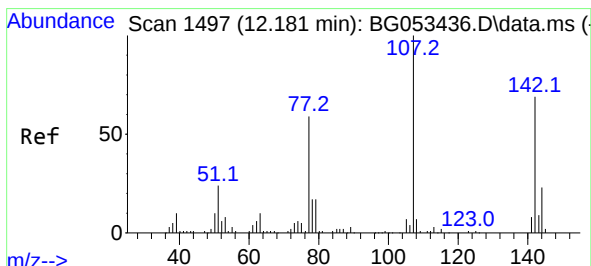
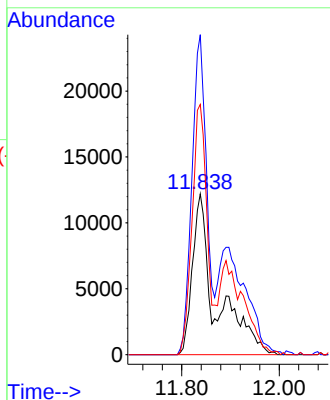
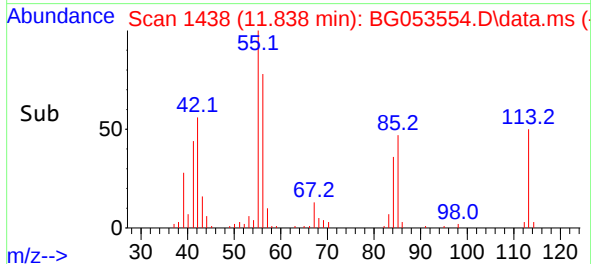
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



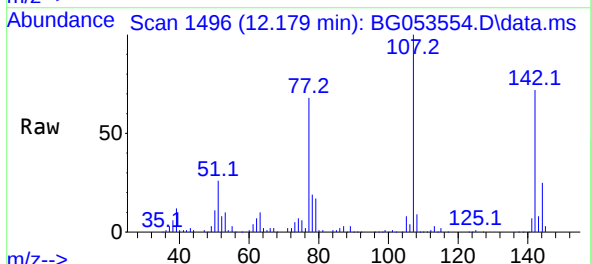
Tgt Ion:113 Resp: 40530
Ion Ratio Lower Upper
113 100
55 198.9 169.8 209.8
56 155.5 141.2 181.2

Manual Integrations
APPROVED

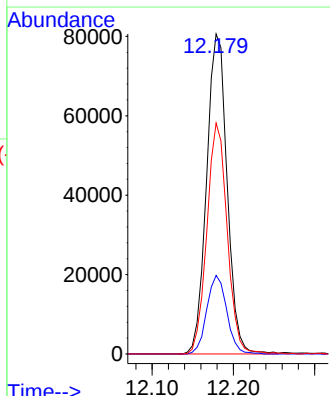
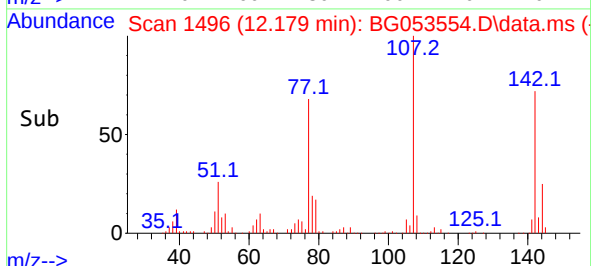
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

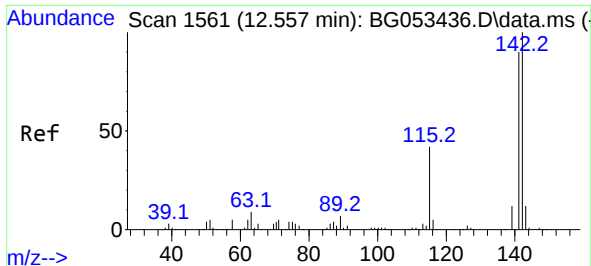


#36
4-Chloro-3-methylphenol
Concen: 52.786 ng
RT: 12.179 min Scan# 1496
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:107 Resp: 141512
Ion Ratio Lower Upper
107 100
144 24.6 18.5 27.7
142 72.1 55.0 82.4





#37

2-Methylnaphthalene

Concen: 49.877 ng

RT: 12.549 min Scan# 1559

Delta R.T. 0.001 min

Lab File: BG053554.D

Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

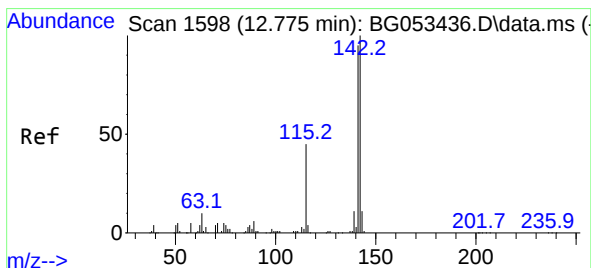
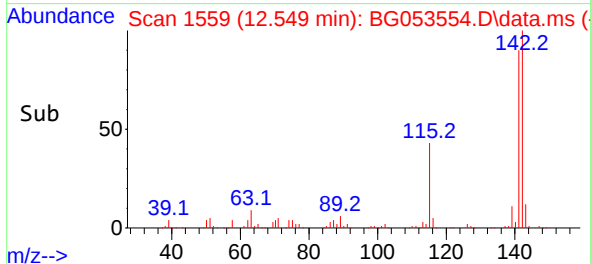
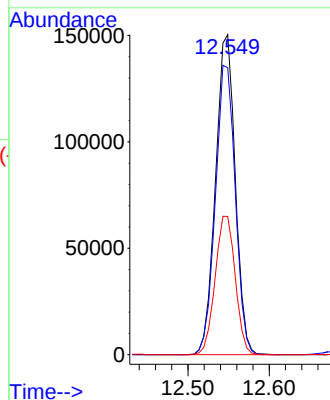
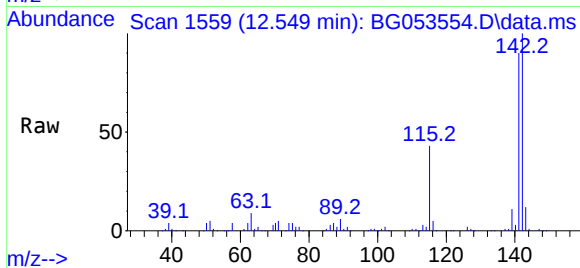
Tgt Ion:142 Resp: 253700

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5
115	43.2	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#38

1-Methylnaphthalene

Concen: 50.154 ng

RT: 12.766 min Scan# 1596

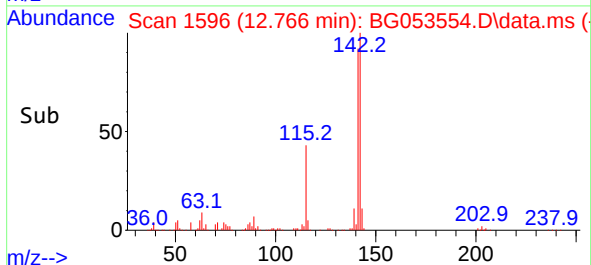
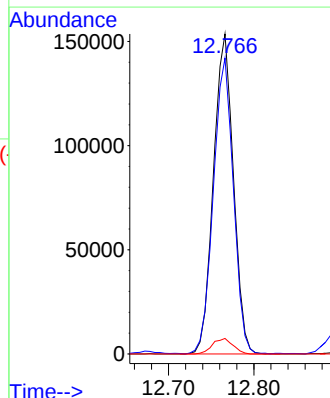
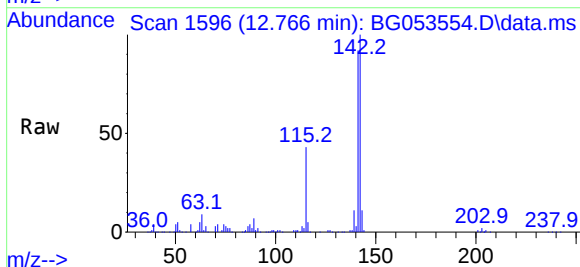
Delta R.T. 0.001 min

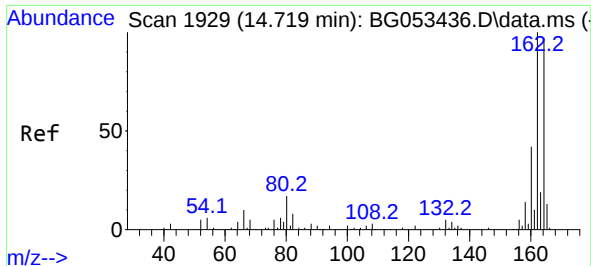
Lab File: BG053554.D

Acq: 13 May 2022 22:21

Tgt Ion:142 Resp: 248905

Ion	Ratio	Lower	Upper
142	100		
141	92.5	76.4	114.6
116	4.8	3.3	4.9





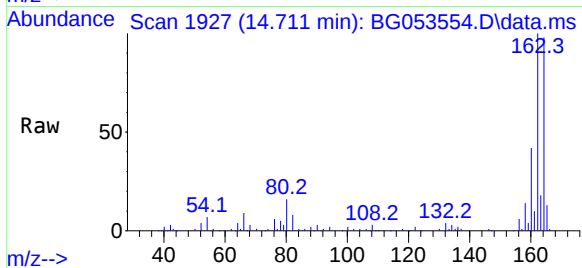
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

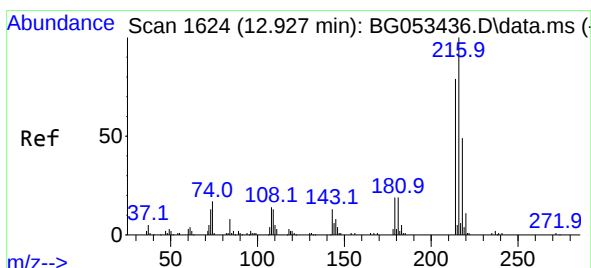
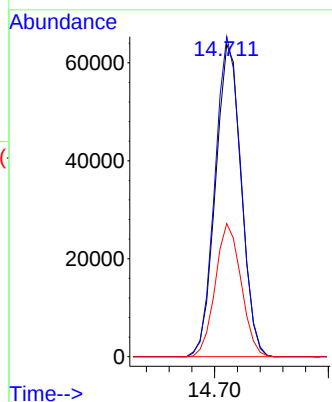
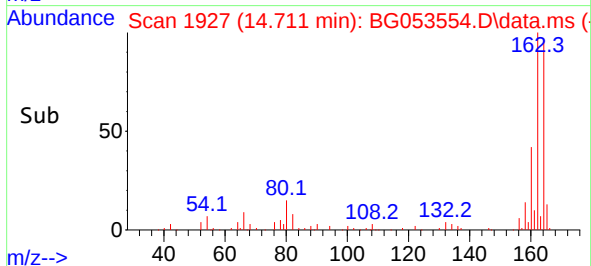


Tgt Ion:164 Resp: 100245
Ion Ratio Lower Upper
164 100
162 102.5 82.3 123.5
160 42.6 34.2 51.2

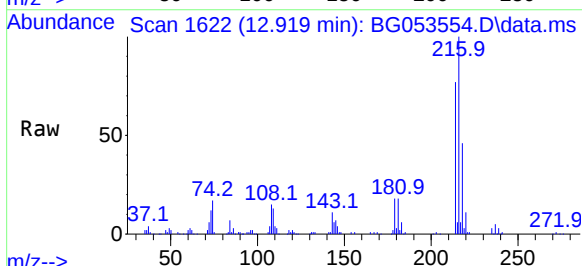
Manual Integrations

APPROVED

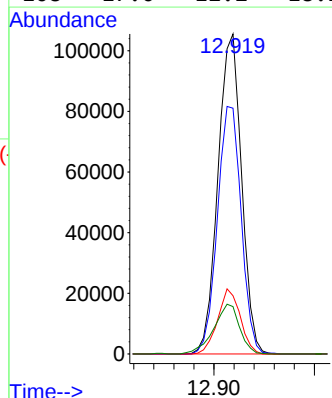
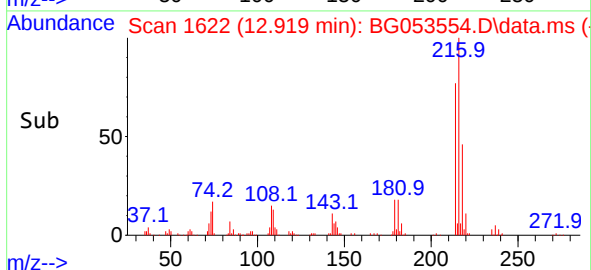
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

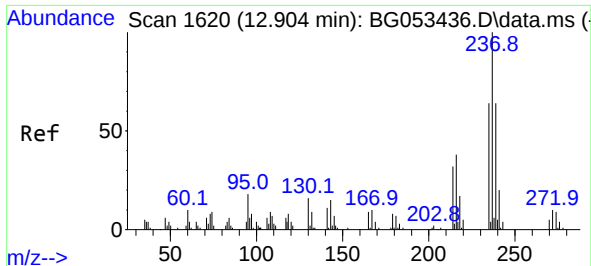


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.473 ng
RT: 12.919 min Scan# 1622
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



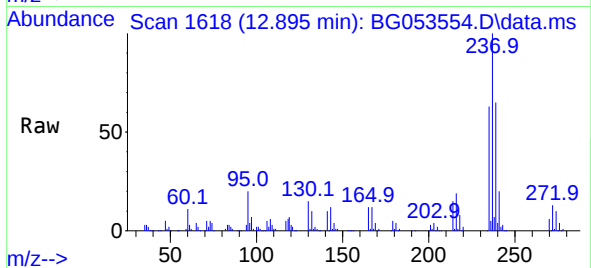
Tgt Ion:216 Resp: 172127
Ion Ratio Lower Upper
216 100
214 78.0 62.9 94.3
179 19.4 16.1 24.1
108 17.0 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 107.848 ng
RT: 12.895 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

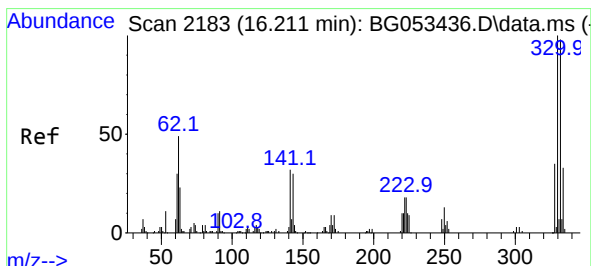
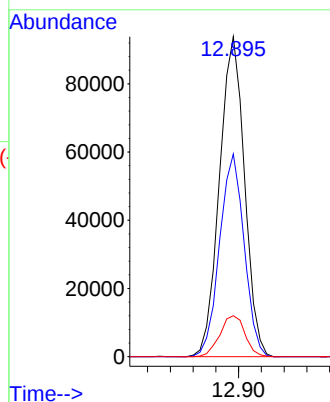
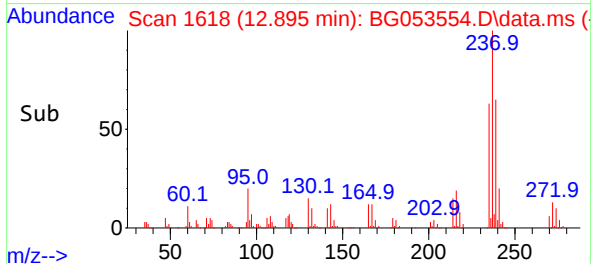
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



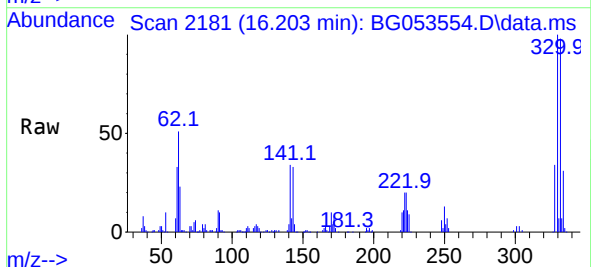
Tgt Ion:237 Resp: 143260
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 12.8 0.0 30.1

Manual Integrations
APPROVED

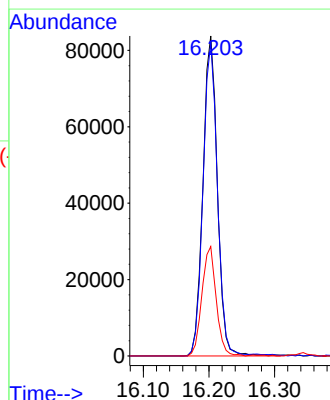
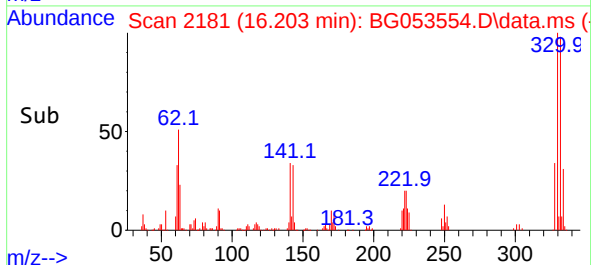
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

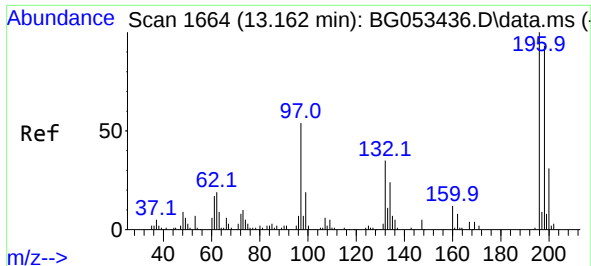


#42
2,4,6-Tribromophenol
Concen: 86.761 ng
RT: 16.203 min Scan# 2181
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:330 Resp: 128276
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 33.8 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 56.294 ng
RT: 13.154 min Scan# 1662
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

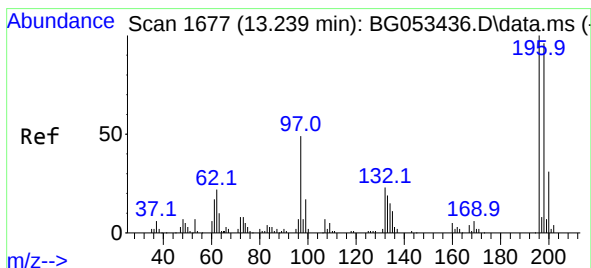
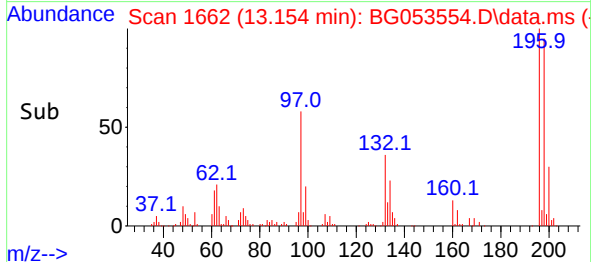
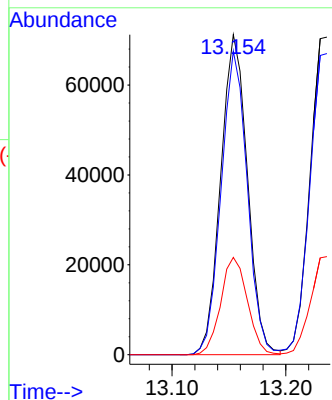
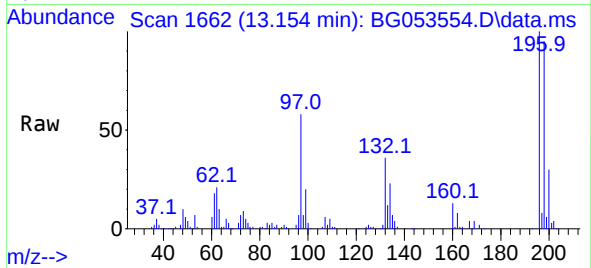
VNJ-239MSD

Tgt Ion:196 Resp: 11611
Ion Ratio Lower Upper
196 100
198 94.9 74.1 111.1
200 30.4 24.7 37.1

Manual Integrations

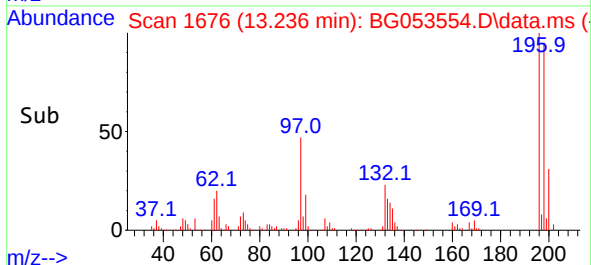
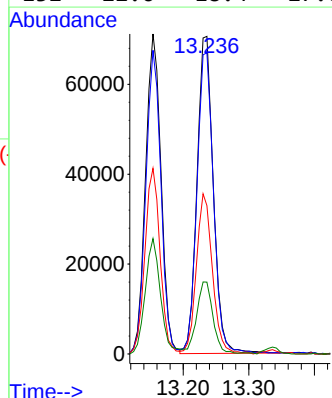
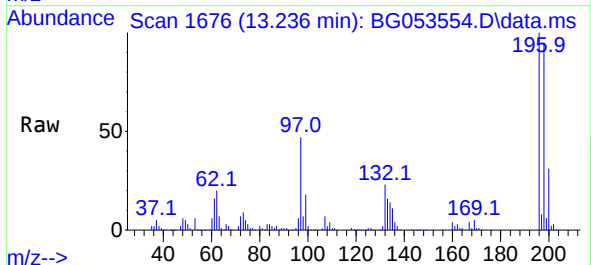
APPROVED

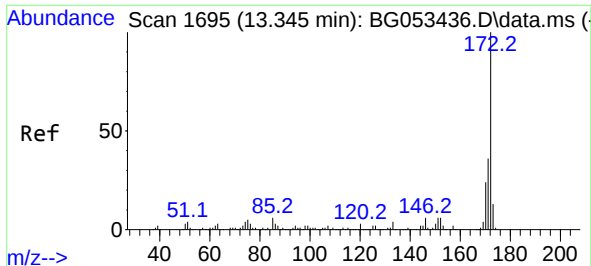
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#44
2,4,5-Trichlorophenol
Concen: 55.666 ng
RT: 13.236 min Scan# 1676
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion:196 Resp: 122198
Ion Ratio Lower Upper
196 100
198 94.8 76.8 115.2
97 46.7 39.8 59.6
132 22.6 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 60.766 ng
RT: 13.336 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

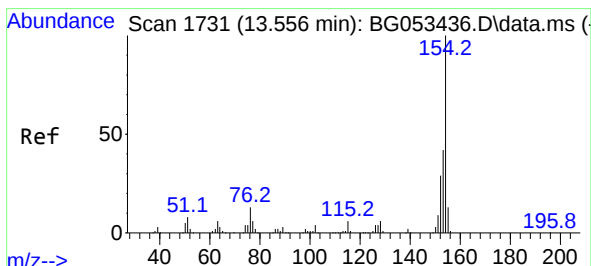
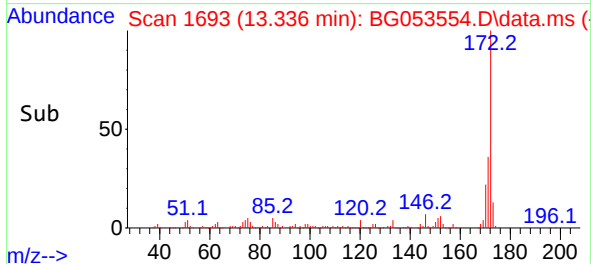
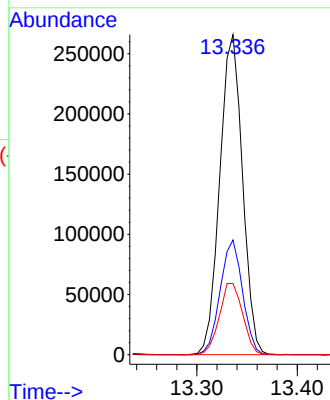
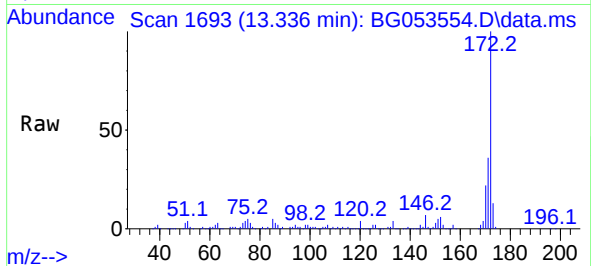
VNJ-239MSD

Tgt Ion:172 Resp: 41686
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 22.3 18.9 28.3

Manual Integrations

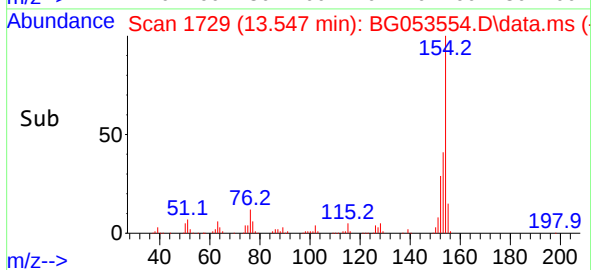
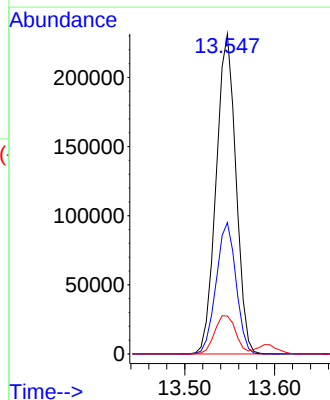
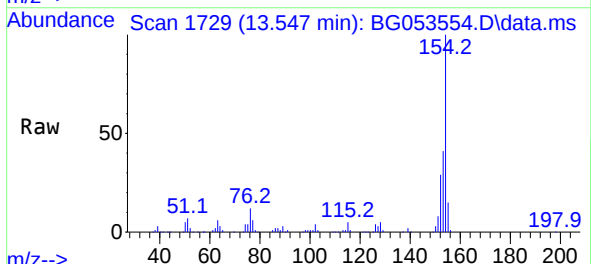
APPROVED

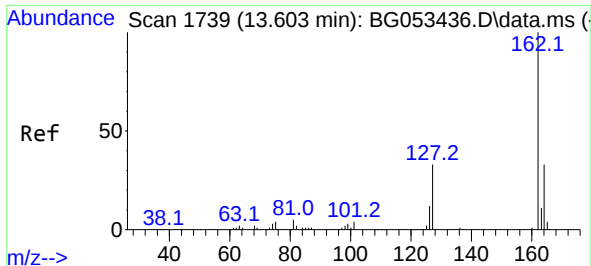
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#46
1,1'-Biphenyl
Concen: 51.729 ng
RT: 13.547 min Scan# 1729
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion:154 Resp: 353466
Ion Ratio Lower Upper
154 100
153 41.1 21.6 61.6
76 11.8 0.0 32.6





#47
2-Chloronaphthalene
Concen: 51.583 ng
RT: 13.594 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

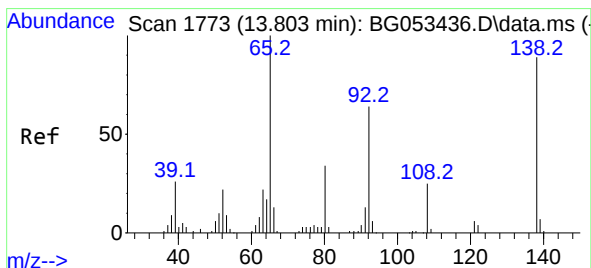
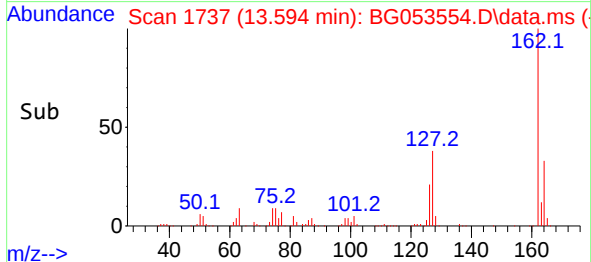
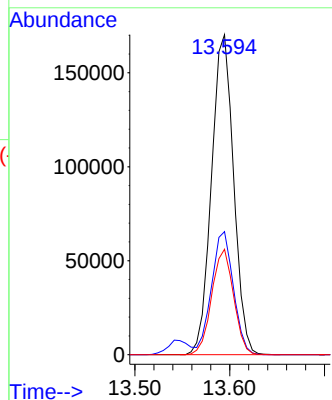
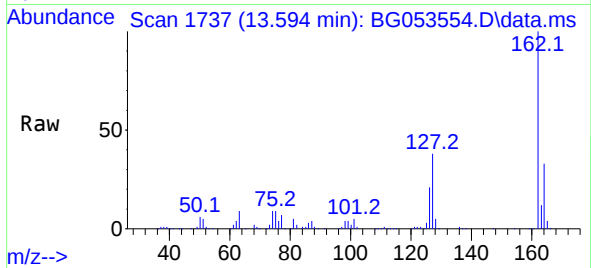
VNJ-239MSD

Tgt Ion:162 Resp: 276154
Ion Ratio Lower Upper
162 100
127 38.5 30.6 45.8
164 33.0 26.5 39.7

Manual Integrations

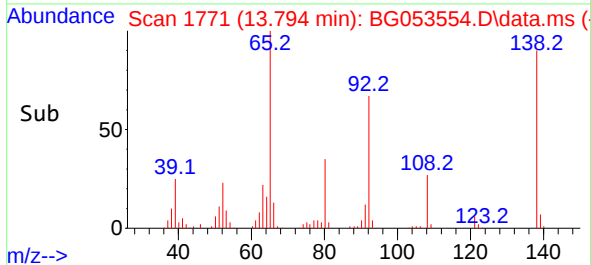
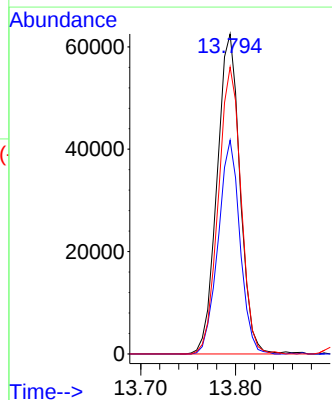
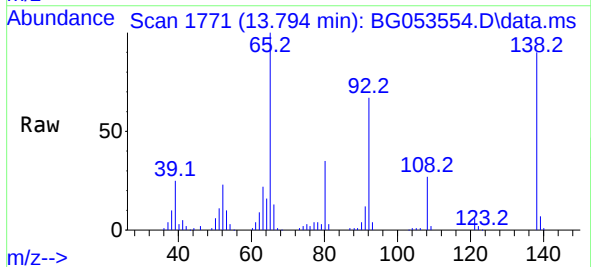
APPROVED

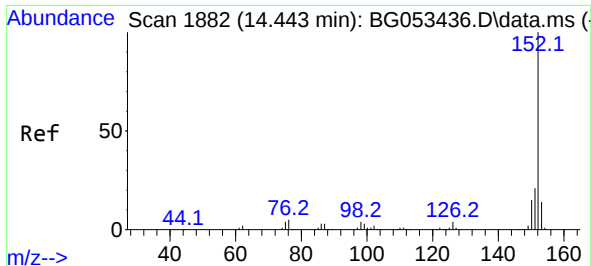
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#48
2-Nitroaniline
Concen: 52.646 ng
RT: 13.794 min Scan# 1771
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

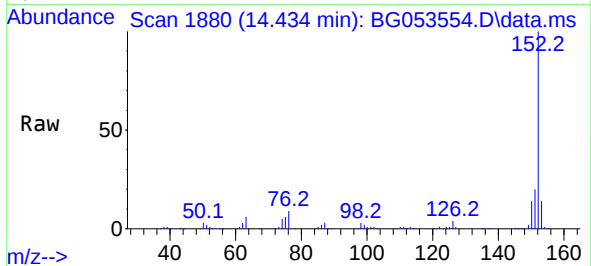
Tgt Ion: 65 Resp: 105021
Ion Ratio Lower Upper
65 100
92 66.8 51.5 77.3
138 89.7 71.3 106.9





#49
Acenaphthylene
Concen: 53.776 ng
RT: 14.434 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

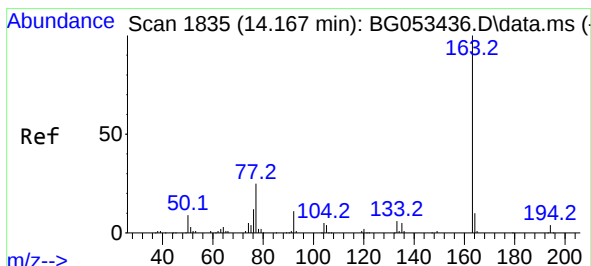
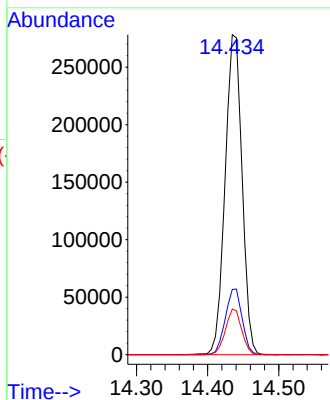
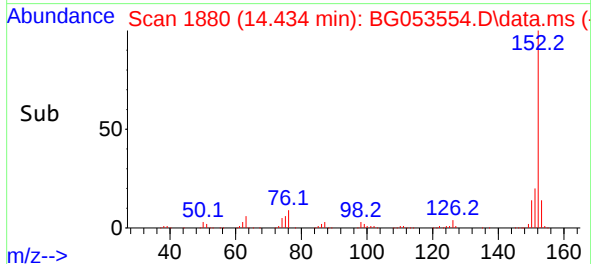
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



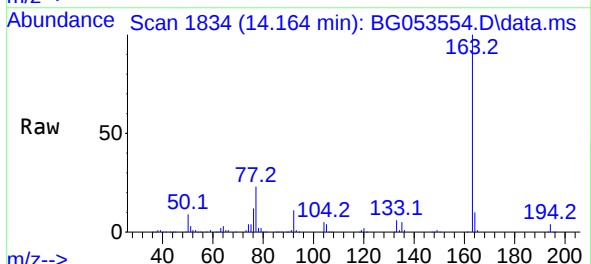
Tgt Ion:152 Resp: 459398
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 14.3 10.8 16.2

Manual Integrations
APPROVED

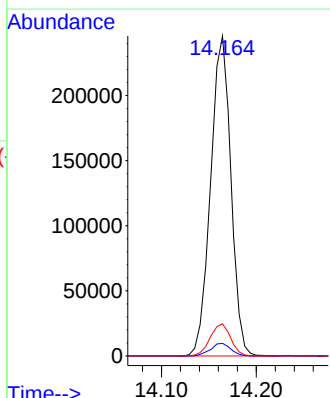
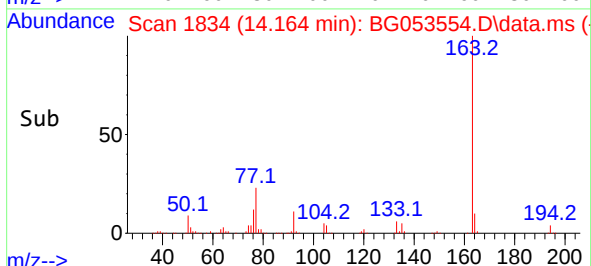
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

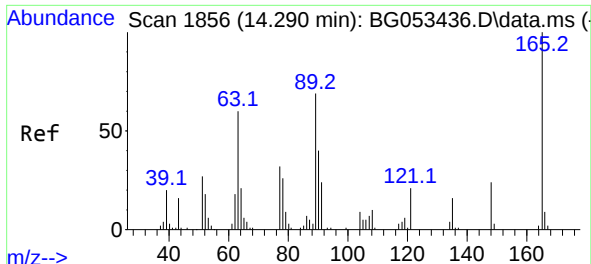


#50
Dimethylphthalate
Concen: 47.880 ng
RT: 14.164 min Scan# 1834
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:163 Resp: 364732
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.0 12.0





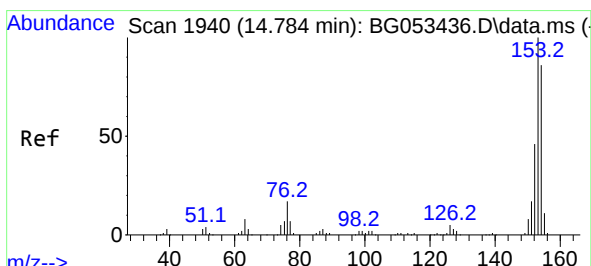
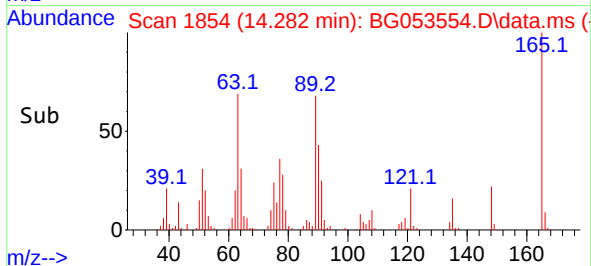
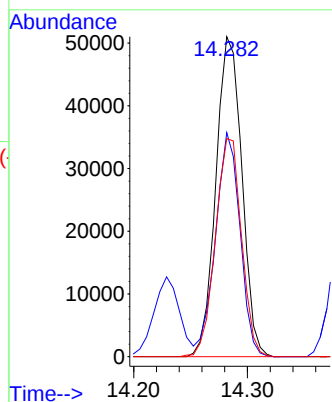
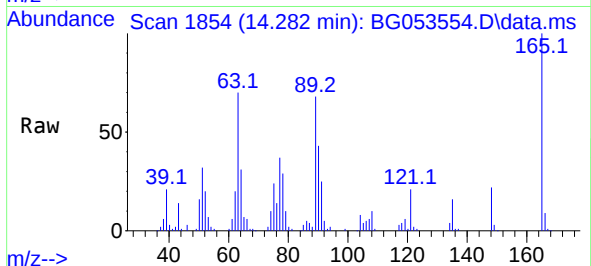
#51
2,6-Dinitrotoluene
Concen: 52.188 ng
RT: 14.282 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD

Tgt Ion:165 Resp: 80994
Ion Ratio Lower Upper
165 100
63 70.0 54.1 81.1
89 68.2 54.8 82.2

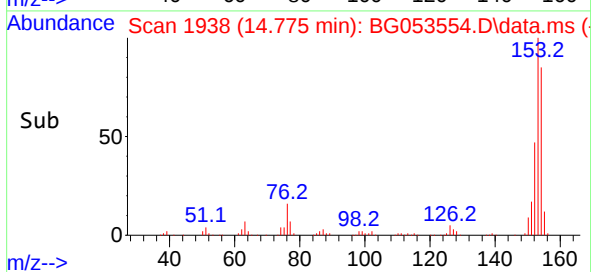
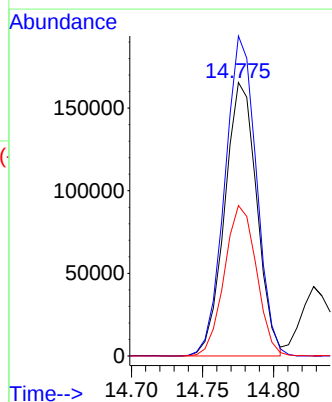
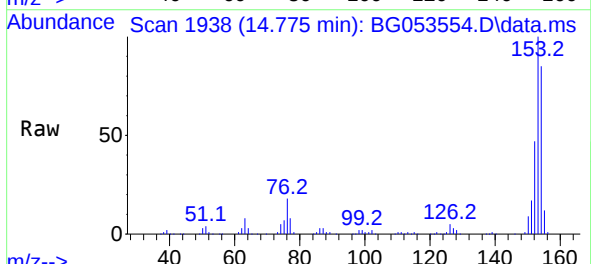
Manual Integrations
APPROVED

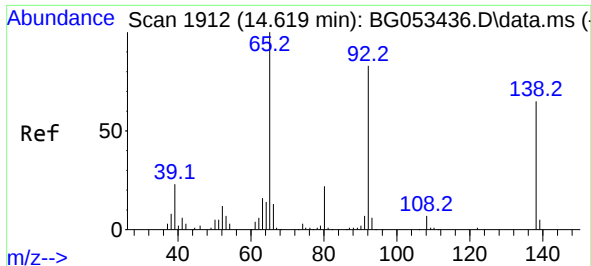
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#52
Acenaphthene
Concen: 51.107 ng
RT: 14.775 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion:154 Resp: 260193
Ion Ratio Lower Upper
154 100
153 117.0 92.7 139.1
152 55.0 42.6 64.0





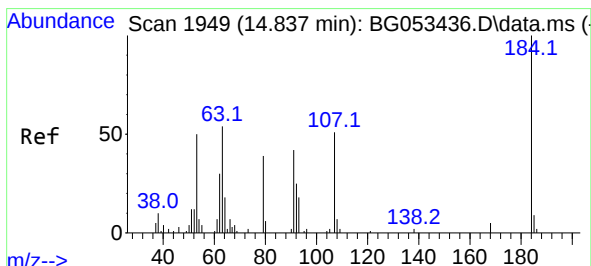
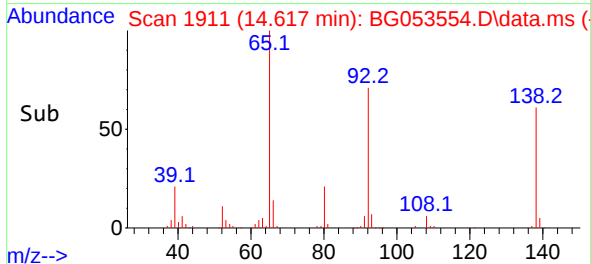
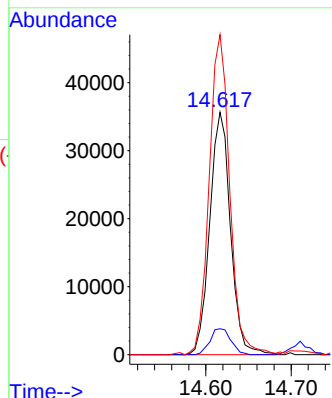
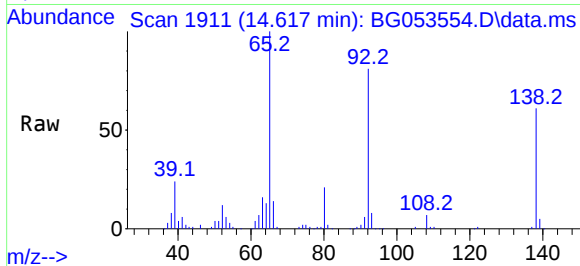
#53
3-Nitroaniline
Concen: 35.848 ng
RT: 14.617 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD

Tgt Ion:138 Resp: 6011
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 132.0 101.9 152.9

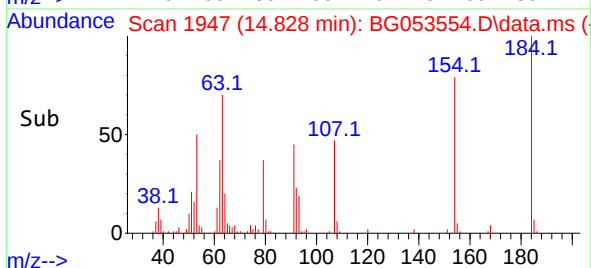
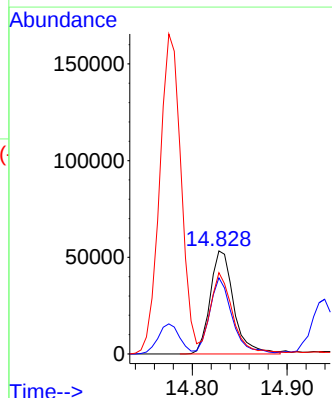
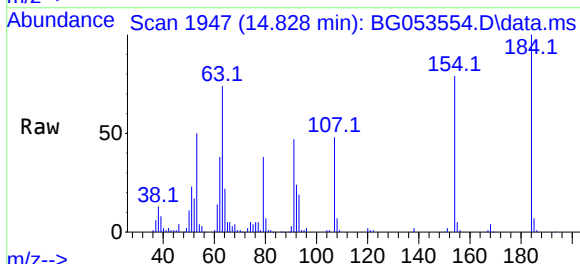
Manual Integrations
APPROVED

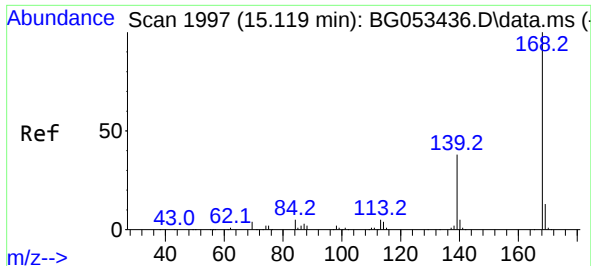
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#54
2,4-Dinitrophenol
Concen: 92.688 ng
RT: 14.828 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

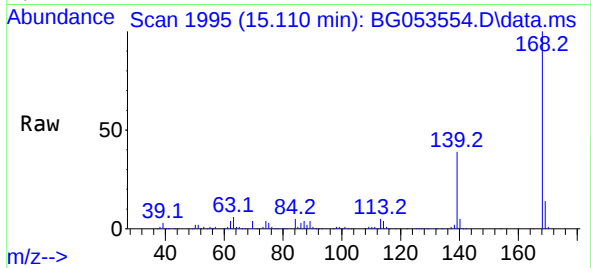
Tgt Ion:184 Resp: 92369
Ion Ratio Lower Upper
184 100
63 74.0 61.1 91.7
154 78.9 60.6 91.0





#55
Dibenzenofuran
Concen: 48.420 ng
RT: 15.110 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

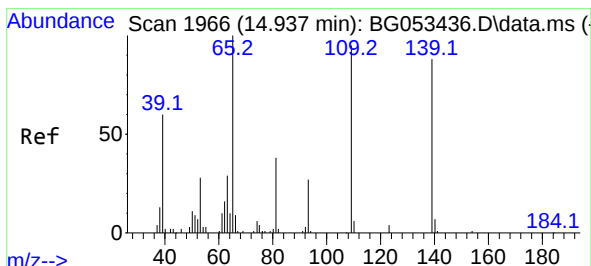
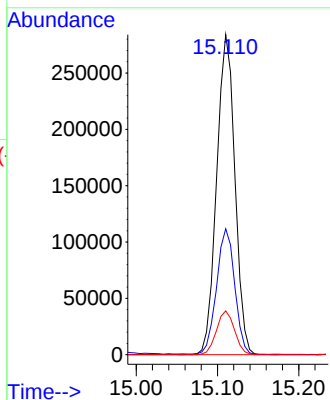
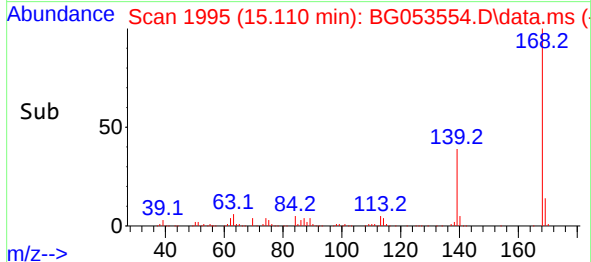
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



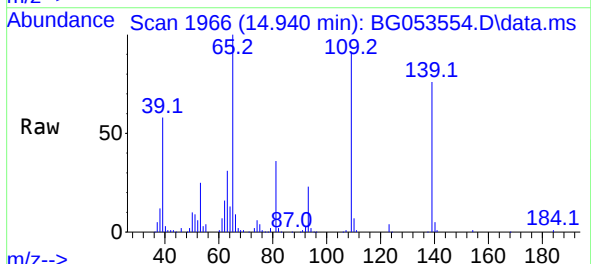
Tgt Ion:168 Resp: 44278
Ion Ratio Lower Upper
168 100
139 39.3 30.5 45.7
169 13.7 10.3 15.5

Manual Integrations
APPROVED

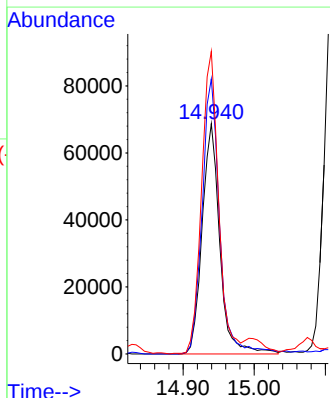
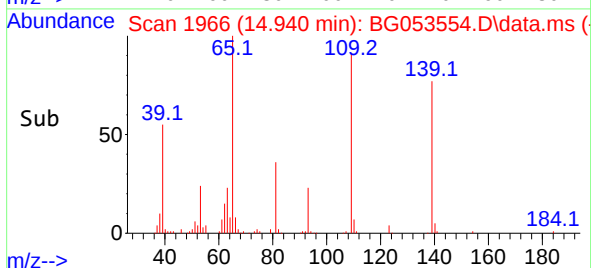
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

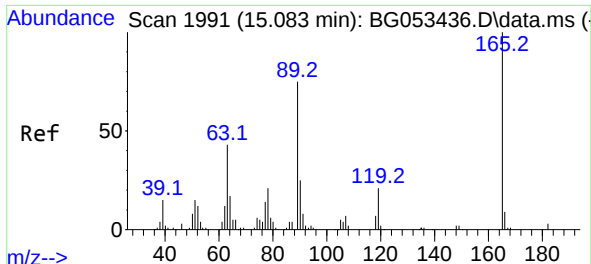


#56
4-Nitrophenol
Concen: 99.414 ng
RT: 14.940 min Scan# 1966
Delta R.T. 0.007 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:139 Resp: 119069
Ion Ratio Lower Upper
139 100
109 119.4 88.5 128.5
65 131.4 93.9 133.9





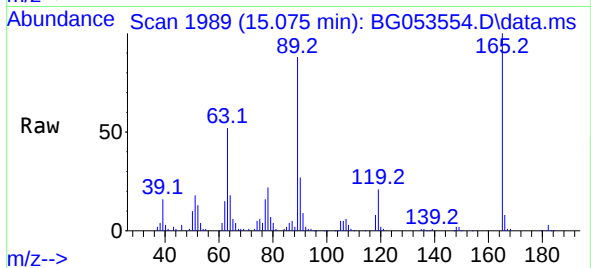
#57
2,4-Dinitrotoluene
Concen: 49.839 ng
RT: 15.075 min Scan# 1991
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

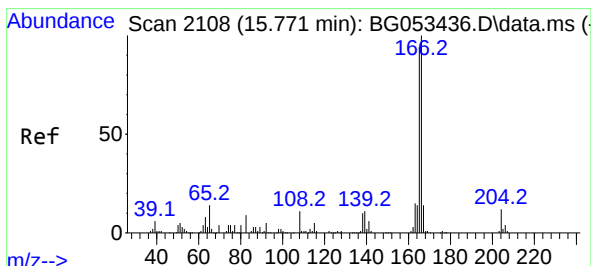
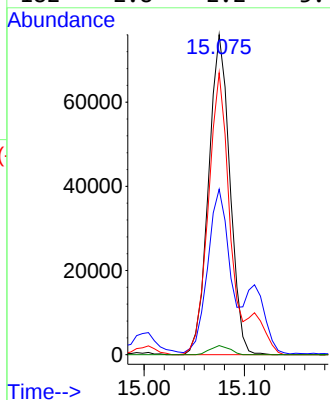
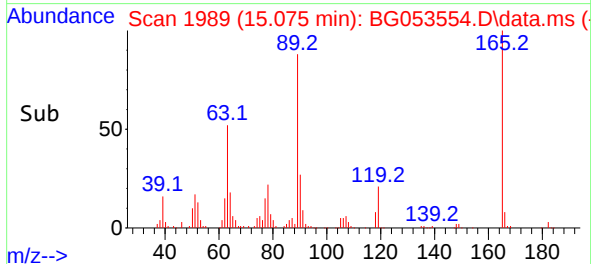


Tgt Ion:165 Resp: 112110
Ion Ratio Lower Upper
165 100
63 51.7 34.6 52.0
89 88.1 60.3 90.5
182 2.8 2.2 3.4

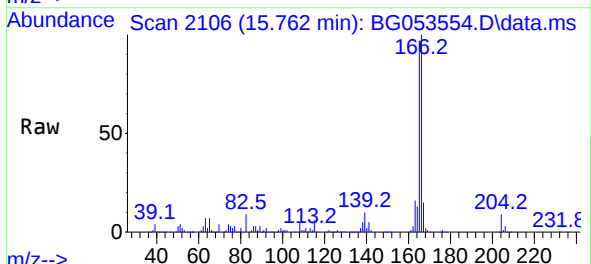
Manual Integrations

APPROVED

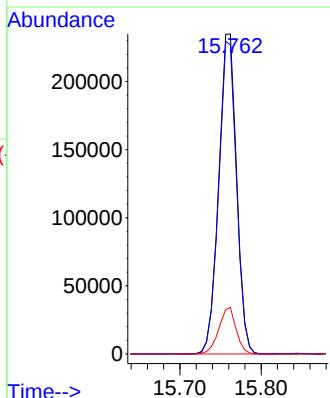
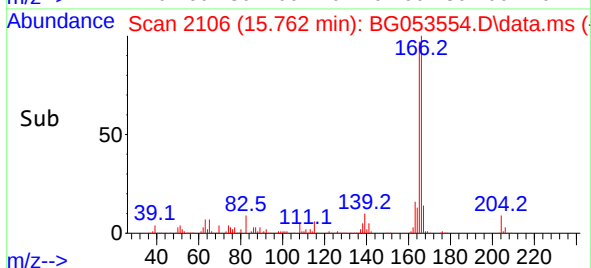
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

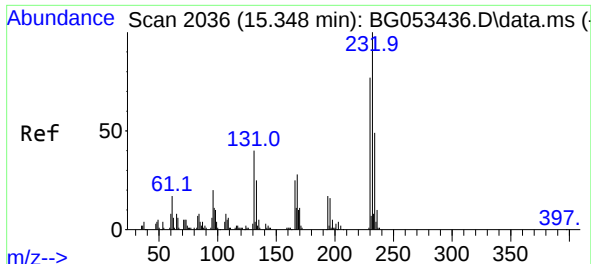


#58
Fluorene
Concen: 49.124 ng
RT: 15.762 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



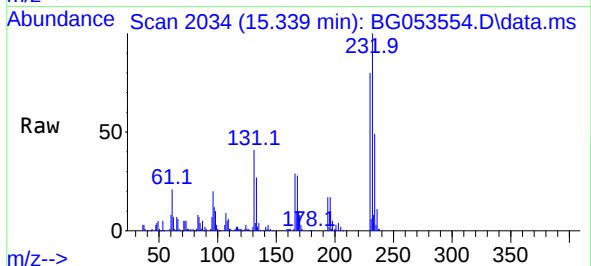
Tgt Ion:166 Resp: 360495
Ion Ratio Lower Upper
166 100
165 96.6 75.0 112.6
167 14.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.993 ng
RT: 15.339 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

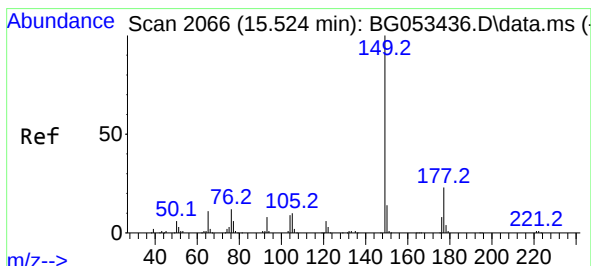
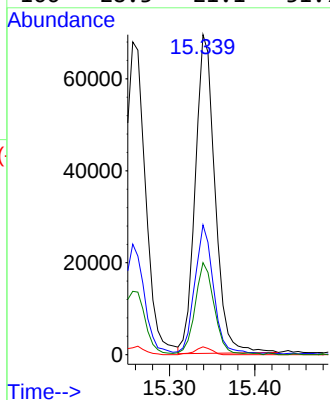
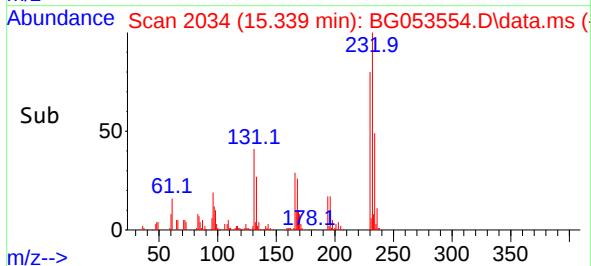
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



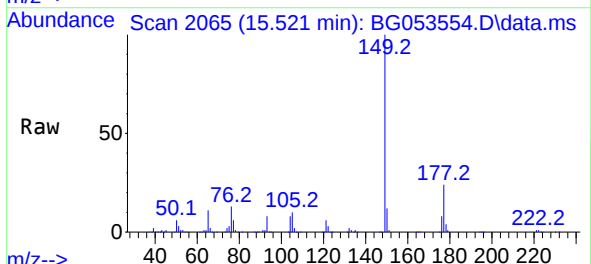
Tgt Ion:232 Resp: 111349
Ion Ratio Lower Upper
232 100
131 39.2 30.6 46.0
130 2.1 1.8 2.8
166 28.3 21.1 31.7

Manual Integrations
APPROVED

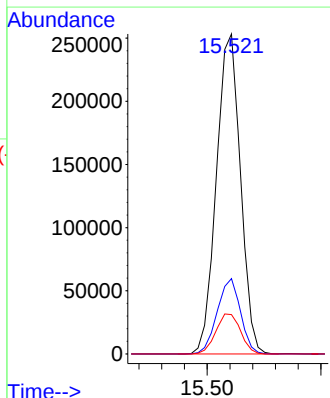
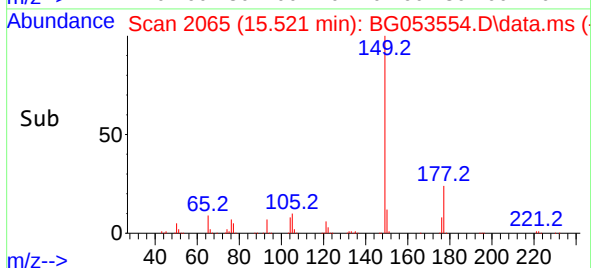
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

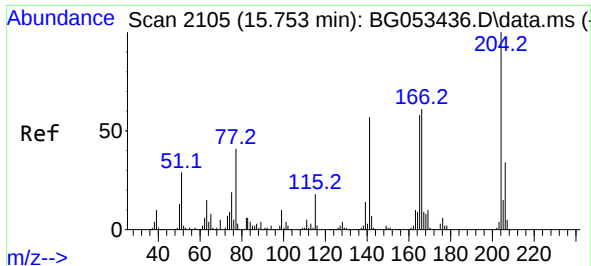


#60
Diethylphthalate
Concen: 47.264 ng
RT: 15.521 min Scan# 2065
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



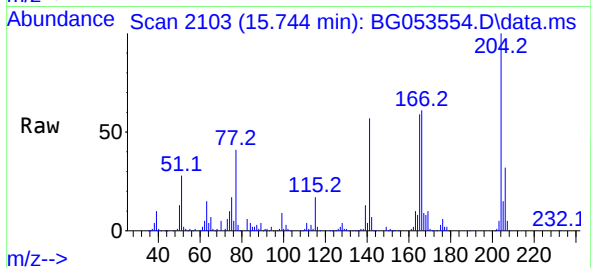
Tgt Ion:149 Resp: 371913
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.3 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 49.062 ng
RT: 15.744 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

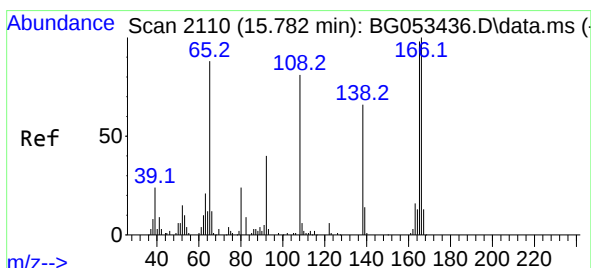
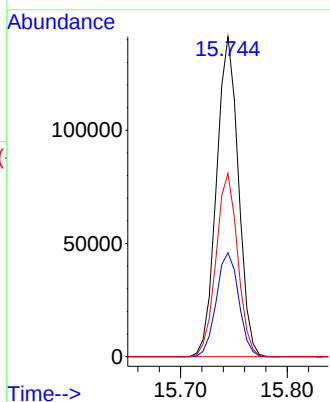
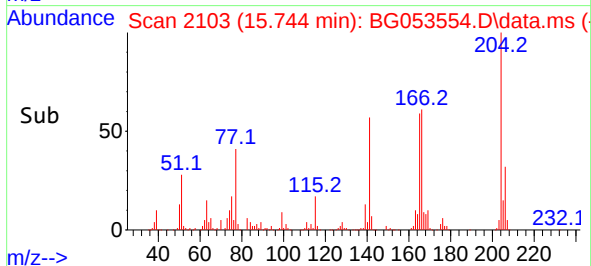
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



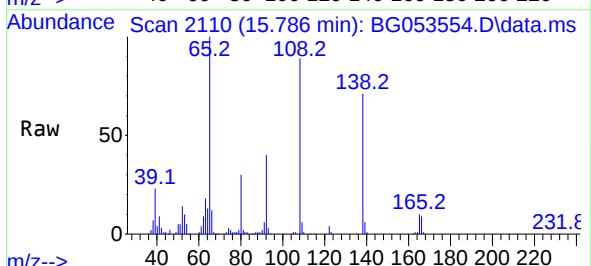
Tgt Ion:204 Resp: 200900
Ion Ratio Lower Upper
204 100
206 32.5 27.5 41.3
141 57.2 45.3 67.9

Manual Integrations
APPROVED

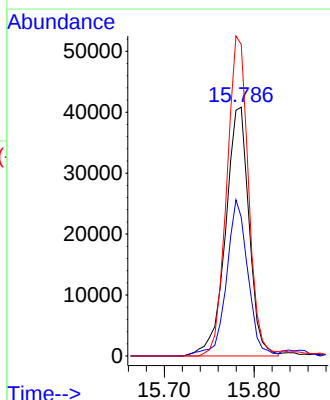
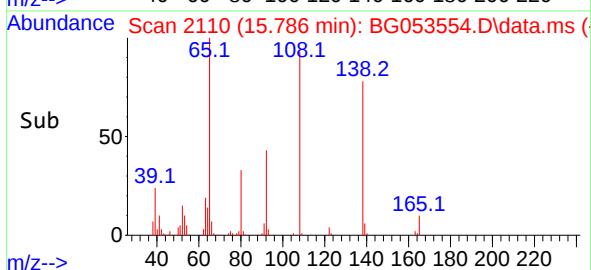
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

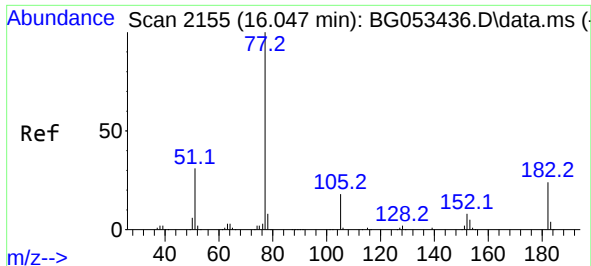


#62
4-Nitroaniline
Concen: 42.539 ng
RT: 15.786 min Scan# 2110
Delta R.T. 0.007 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:138 Resp: 73987
Ion Ratio Lower Upper
138 100
92 55.7 40.5 80.5
108 125.1 103.7 143.7





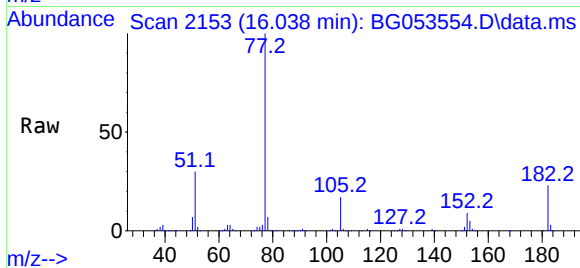
#63
Azobenzene
Concen: 47.458 ng
RT: 16.038 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

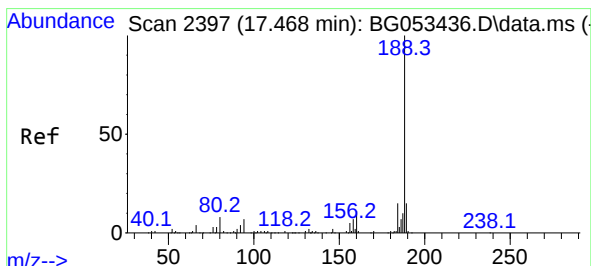
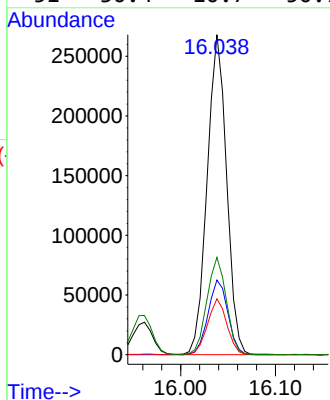
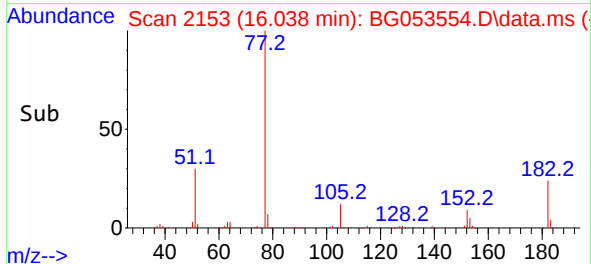


Tgt Ion: 77 Resp: 38240
Ion Ratio Lower Upper
77 100
182 23.3 3.8 43.8
105 17.4 0.0 37.8
51 30.4 10.7 50.7

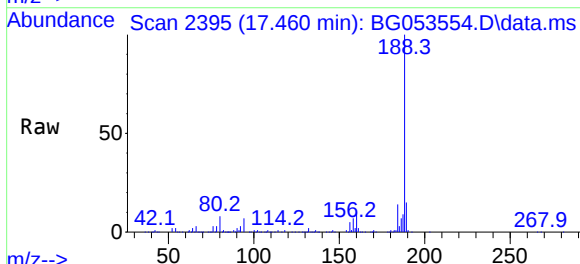
Manual Integrations

APPROVED

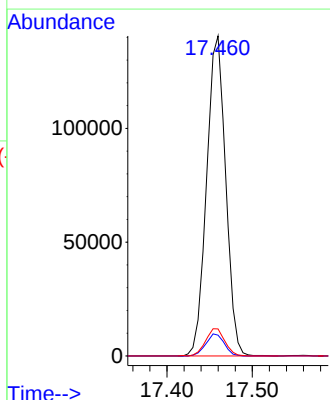
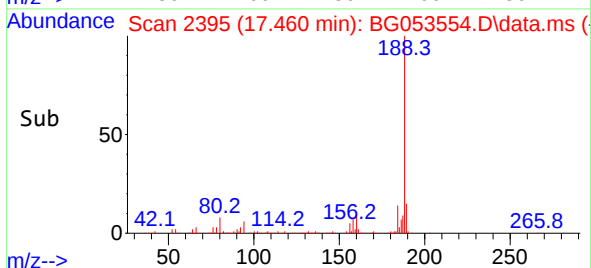
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

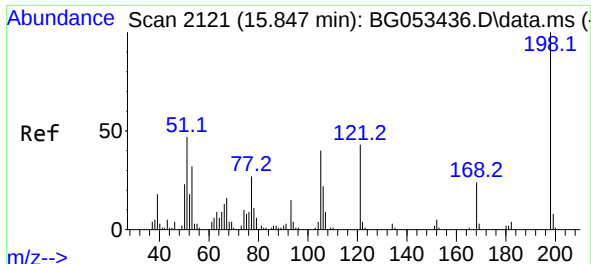


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



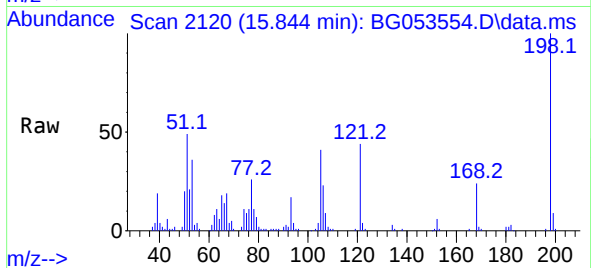
Tgt Ion:188 Resp: 218385
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.5 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 50.945 ng
RT: 15.844 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

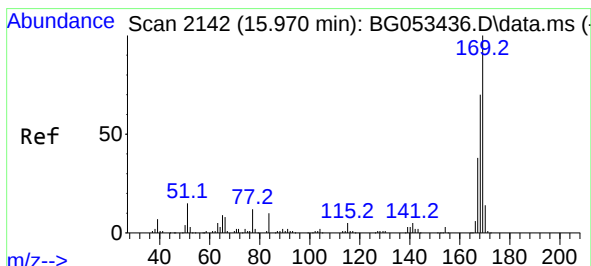
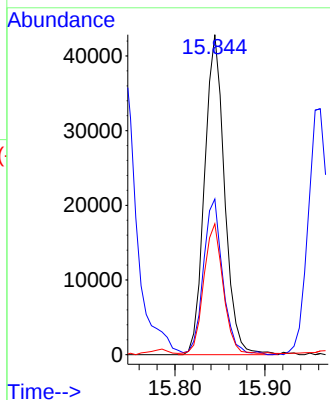
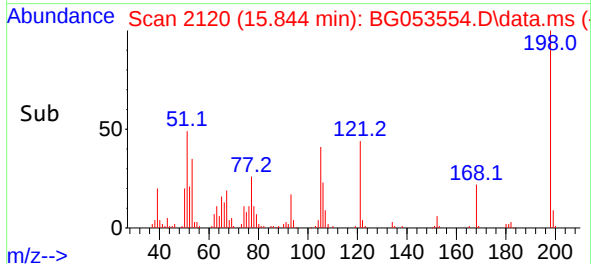
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



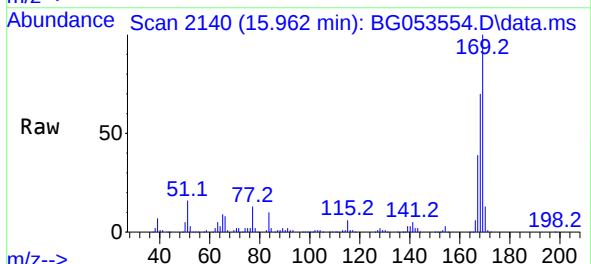
Tgt Ion:198 Resp: 6629
Ion Ratio Lower Upper
198 100
51 48.6 28.1 68.1
105 40.9 20.3 60.3

Manual Integrations
APPROVED

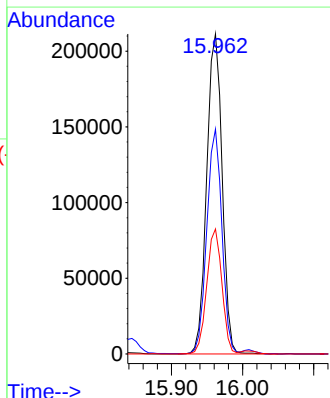
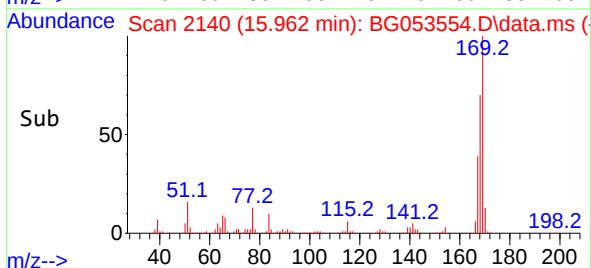
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

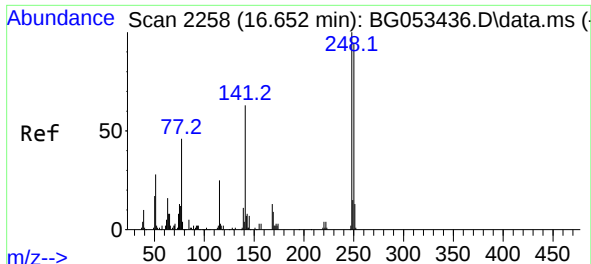


#66
n-Nitrosodiphenylamine
Concen: 55.585 ng
RT: 15.962 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:169 Resp: 318709
Ion Ratio Lower Upper
169 100
168 70.3 55.9 83.9
167 39.1 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 55.369 ng
RT: 16.637 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

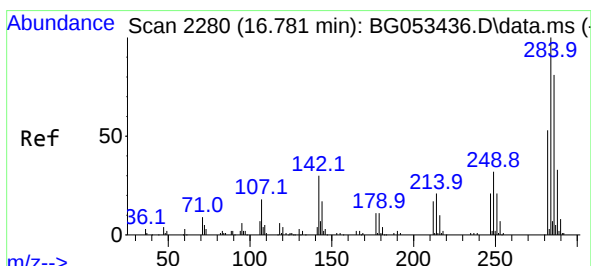
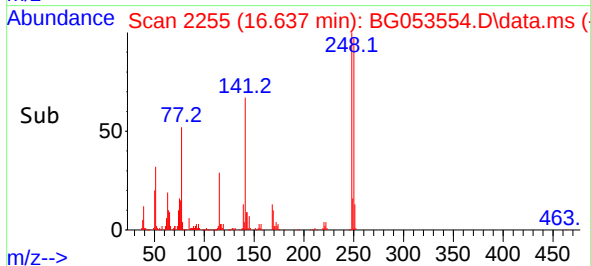
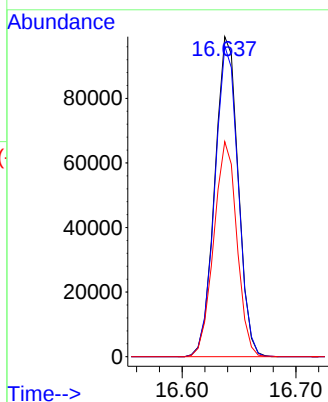
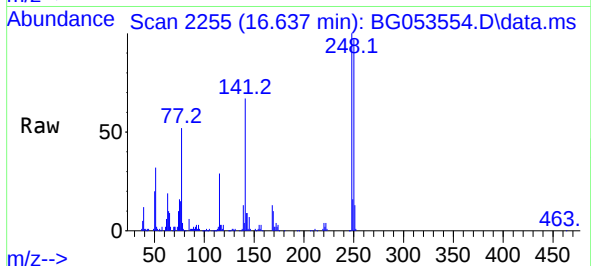
VNJ-239MSD

Tgt Ion:248 Resp: 141218
Ion Ratio Lower Upper
248 100
250 97.1 75.2 112.8
141 67.2 50.0 75.0

Manual Integrations

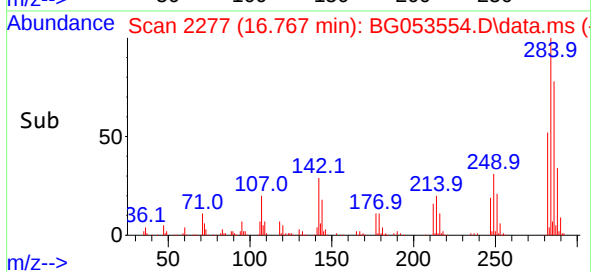
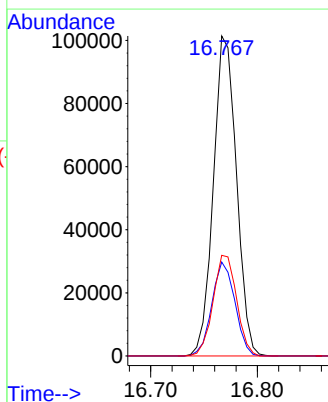
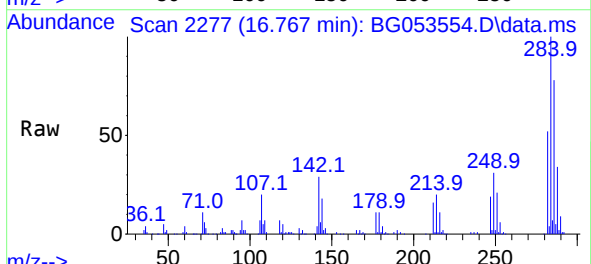
APPROVED

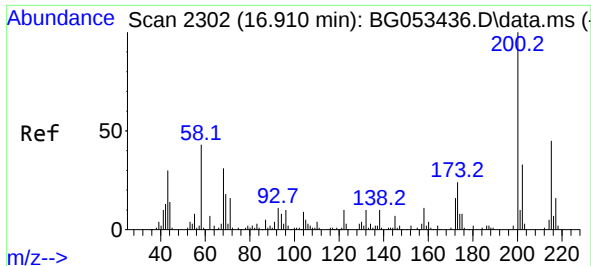
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#68
Hexachlorobenzene
Concen: 54.546 ng
RT: 16.767 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion:284 Resp: 152361
Ion Ratio Lower Upper
284 100
142 29.4 23.6 35.4
249 31.5 25.8 38.6





#69
Atrazine
Concen: 53.551 ng
RT: 16.908 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

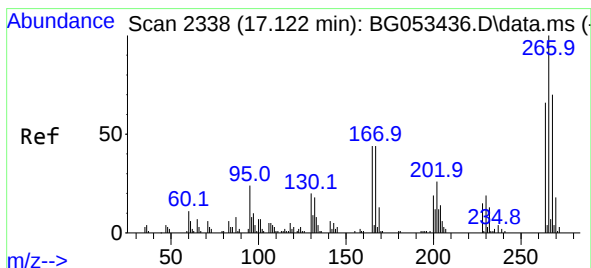
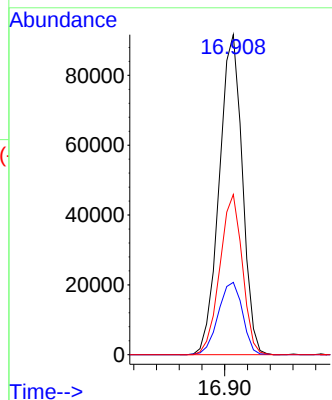
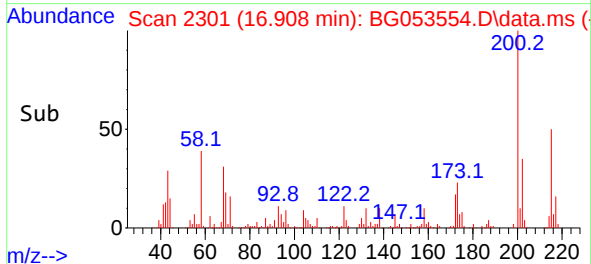
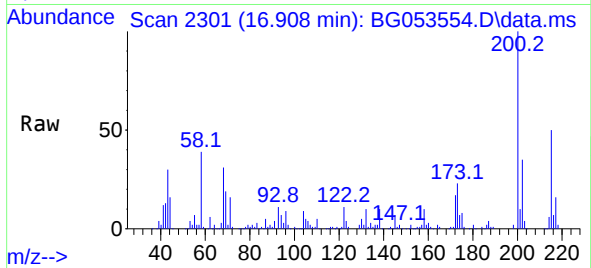
VNJ-239MSD

Tgt Ion:200 Resp: 12926
Ion Ratio Lower Upper
200 100
173 22.6 3.7 43.7
215 50.0 25.2 65.2

Manual Integrations

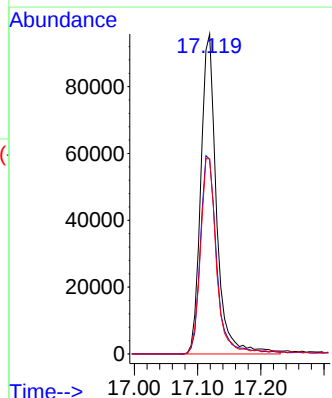
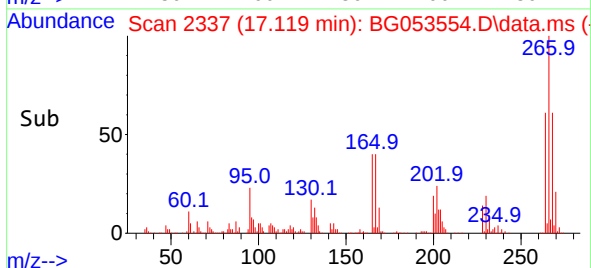
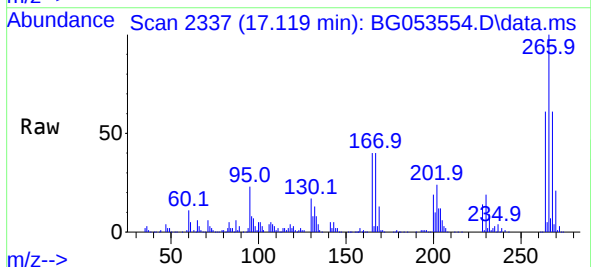
APPROVED

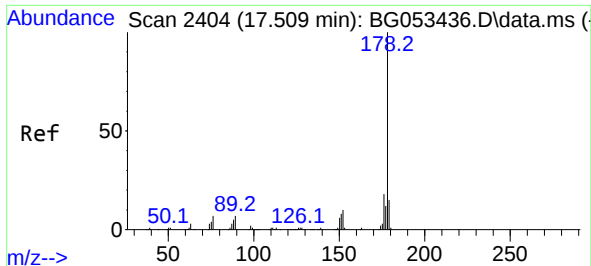
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#70
Pentachlorophenol
Concen: 108.246 ng
RT: 17.119 min Scan# 2337
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

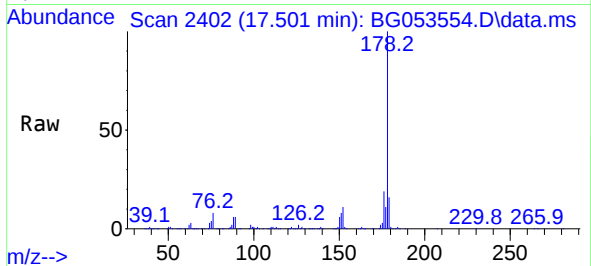
Tgt Ion:266 Resp: 165453
Ion Ratio Lower Upper
266 100
268 60.9 56.2 84.2
264 60.9 53.0 79.4





#71
Phenanthrene
Concen: 53.165 ng
RT: 17.501 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

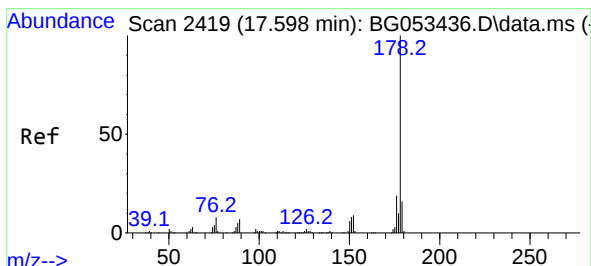
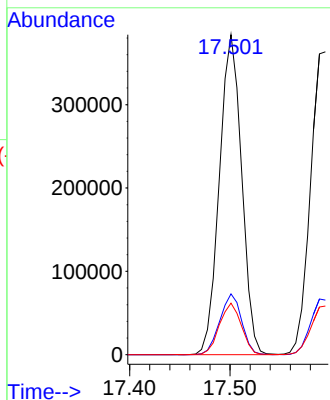
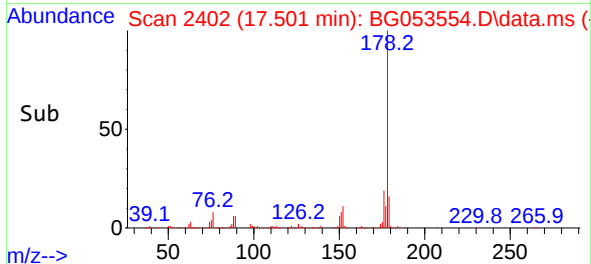
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



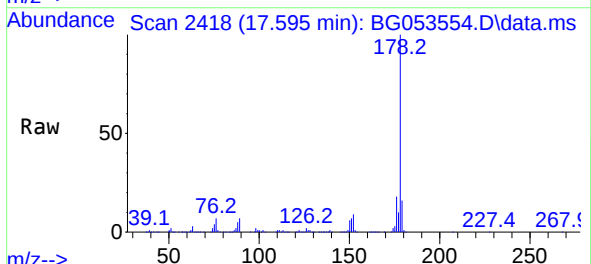
Tgt Ion:178 Resp: 59037
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 16.1 12.1 18.1

Manual Integrations
APPROVED

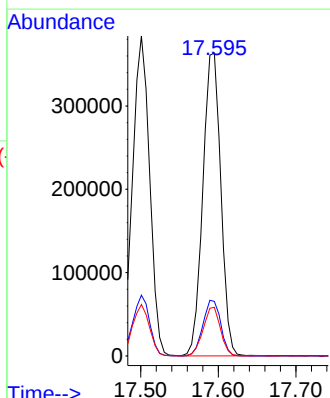
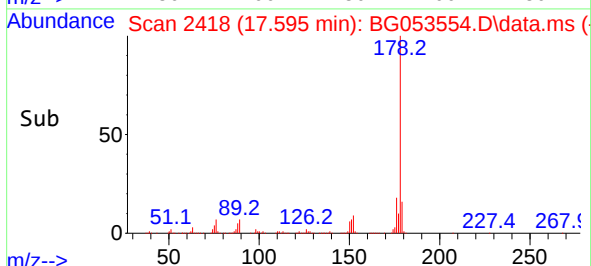
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

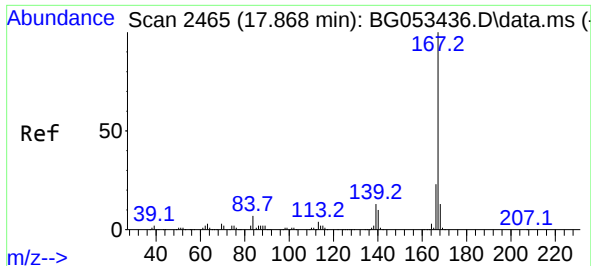


#72
Anthracene
Concen: 53.500 ng
RT: 17.595 min Scan# 2418
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:178 Resp: 583933
Ion Ratio Lower Upper
178 100
176 18.0 15.2 22.8
179 16.1 13.0 19.4





#73
 Carbazole
 Concen: 48.942 ng
 RT: 17.859 min Scan# 2463
 Delta R.T. 0.001 min
 Lab File: BG053554.D
 Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

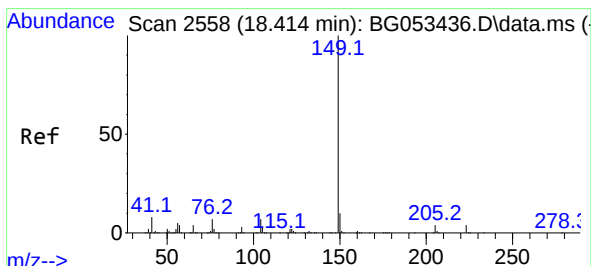
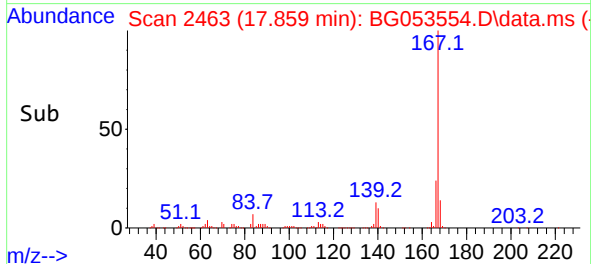
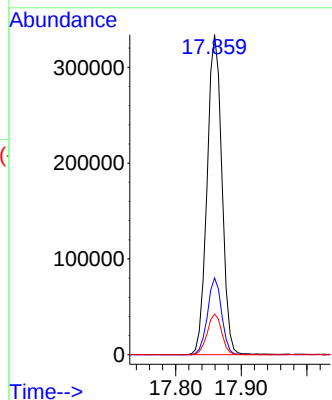
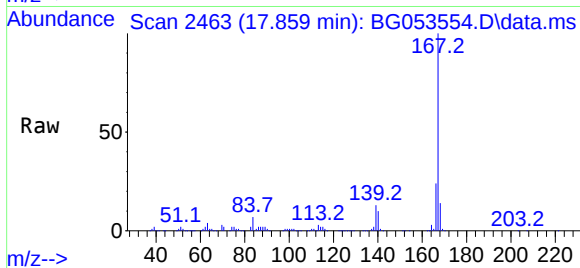
VNJ-239MSD

Tgt Ion:167 Resp: 523538
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.2
 139 12.7 10.1 15.1

Manual Integrations

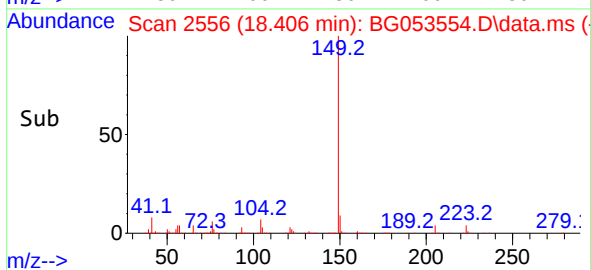
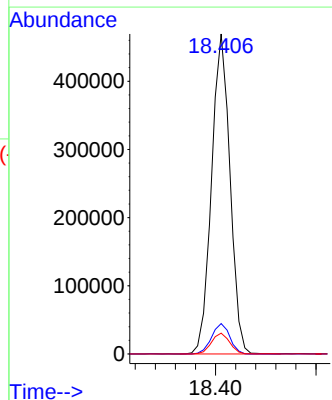
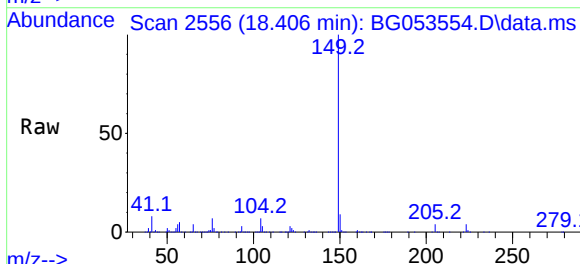
APPROVED

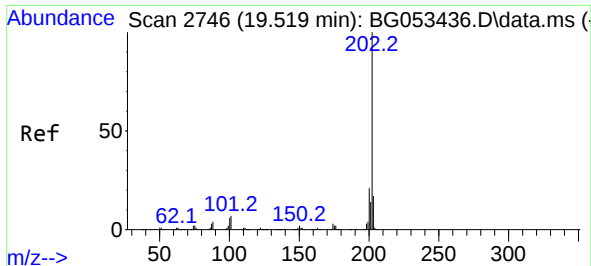
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022



#74
 Di-n-butylphthalate
 Concen: 49.811 ng
 RT: 18.406 min Scan# 2556
 Delta R.T. 0.001 min
 Lab File: BG053554.D
 Acq: 13 May 2022 22:21

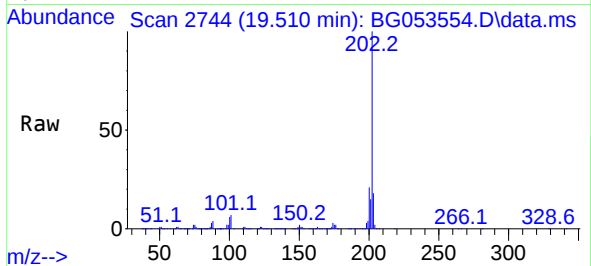
Tgt Ion:149 Resp: 599261
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.5 5.4 8.0





#75
Fluoranthene
Concen: 50.665 ng
RT: 19.510 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

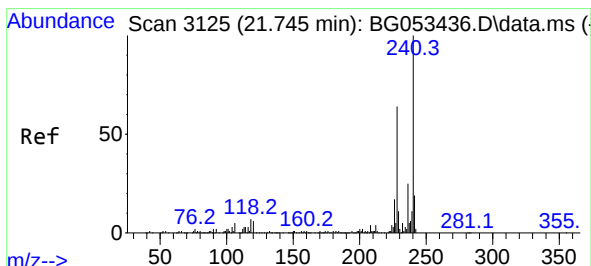
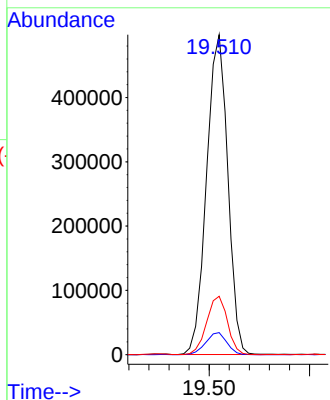
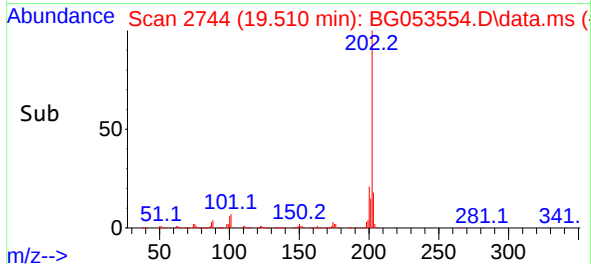
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



Tgt Ion:202 Resp: 728479
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.9
203 18.3 0.0 37.2

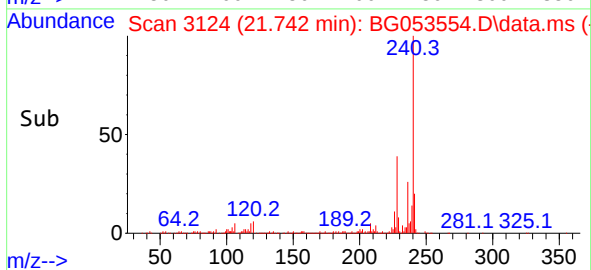
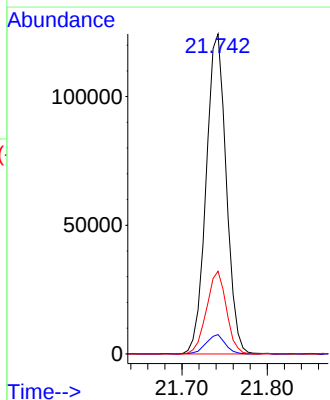
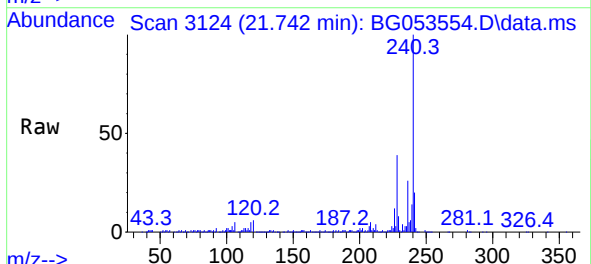
Manual Integrations
APPROVED

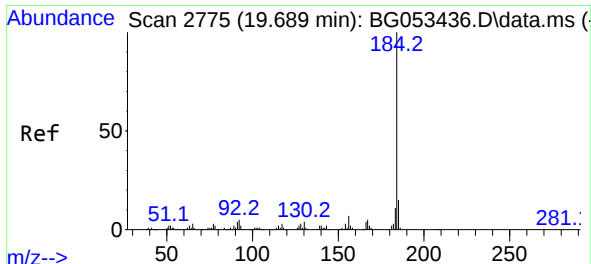
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3124
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion:240 Resp: 203558
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 25.9 20.2 30.4





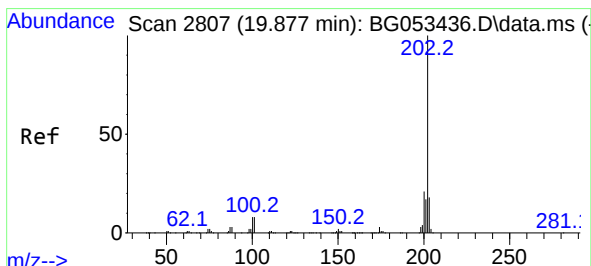
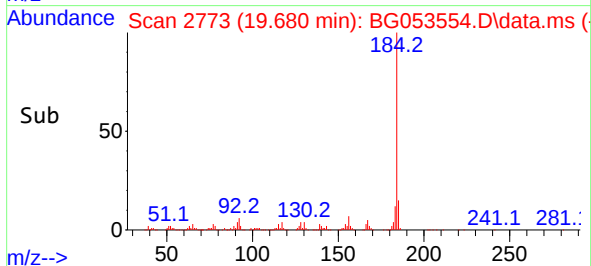
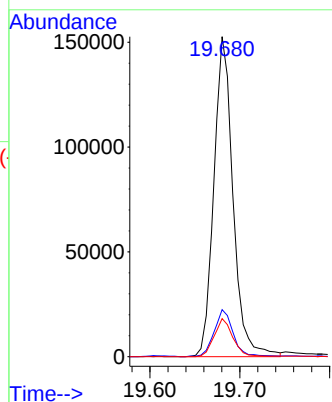
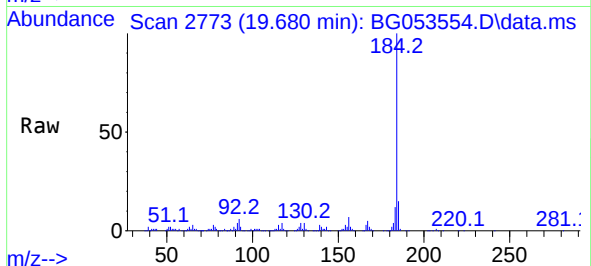
#77
Benzidine
Concen: 51.524 ng
RT: 19.680 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD

Tgt Ion:184 Resp: 226059
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.9 8.9 13.3

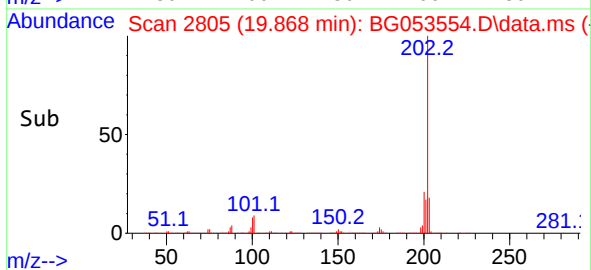
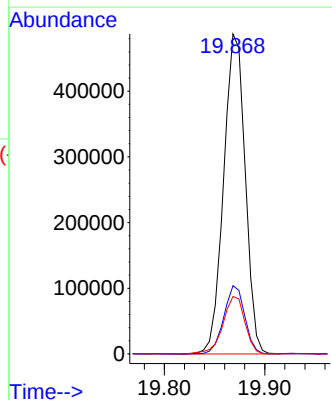
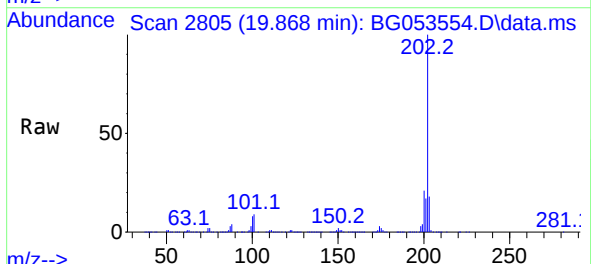
Manual Integrations
APPROVED

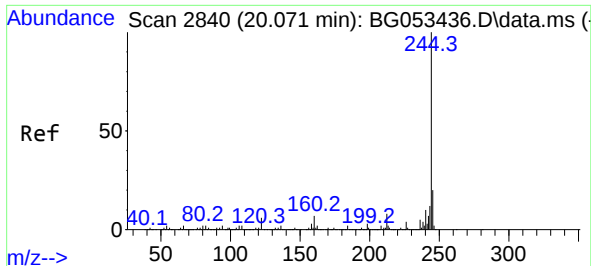
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#78
Pyrene
Concen: 55.117 ng
RT: 19.868 min Scan# 2805
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

Tgt Ion:202 Resp: 726290
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 18.0 14.6 21.8





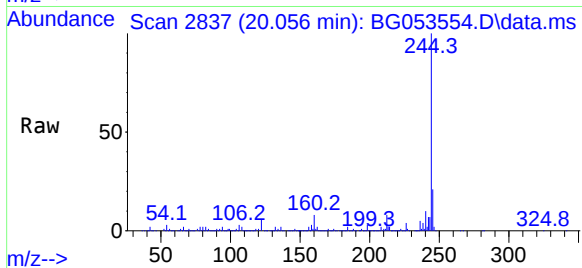
#79
 Terphenyl-d14
 Concen: 63.529 ng
 RT: 20.056 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053554.D
 Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

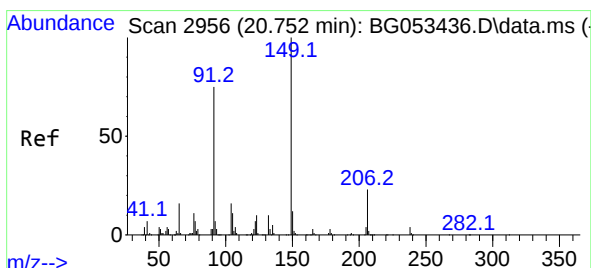
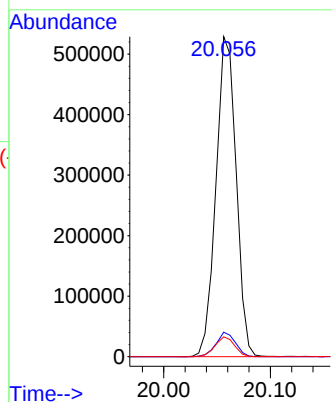
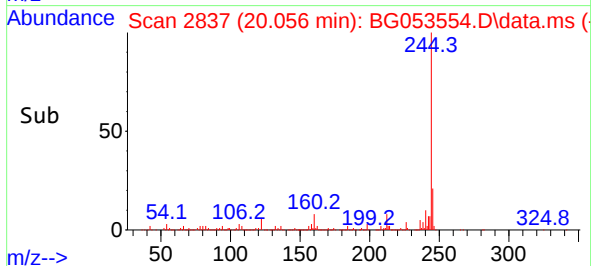


Tgt Ion:244 Resp: 69433
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.2 5.0 7.4

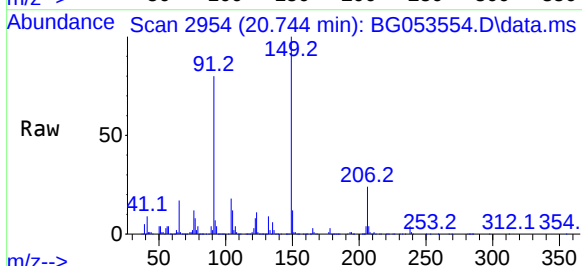
Manual Integrations

APPROVED

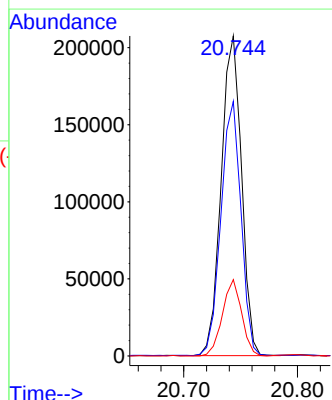
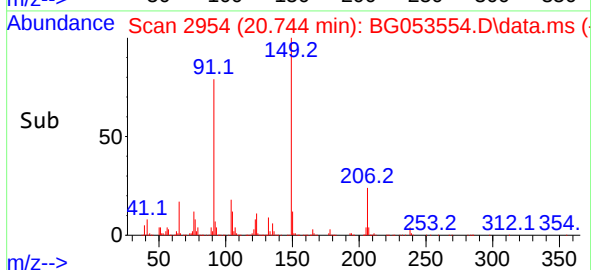
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022

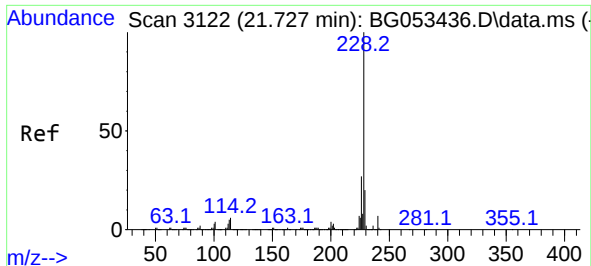


#80
 Butylbenzylphthalate
 Concen: 53.301 ng
 RT: 20.744 min Scan# 2954
 Delta R.T. 0.001 min
 Lab File: BG053554.D
 Acq: 13 May 2022 22:21



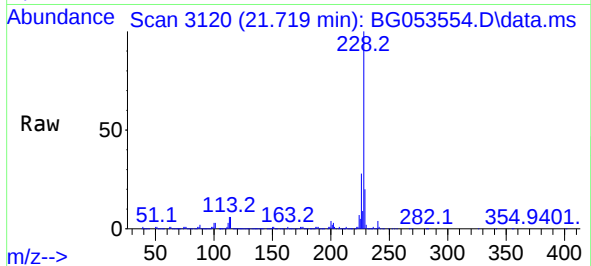
Tgt Ion:149 Resp: 257553
 Ion Ratio Lower Upper
 149 100
 91 79.5 59.6 89.4
 206 23.8 18.6 28.0





#81
Benzo(a)anthracene
Concen: 54.327 ng
RT: 21.719 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

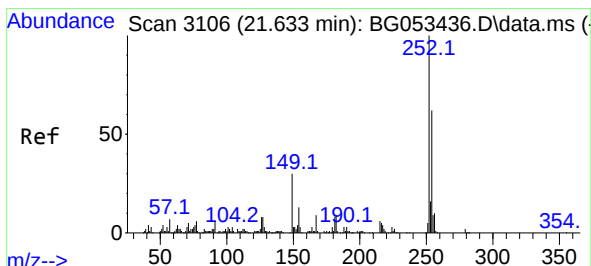
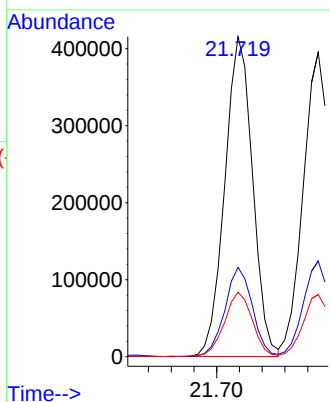
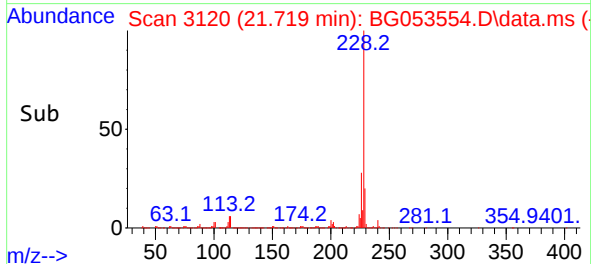
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



Tgt Ion:228 Resp: 70535
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.1 16.2 24.2

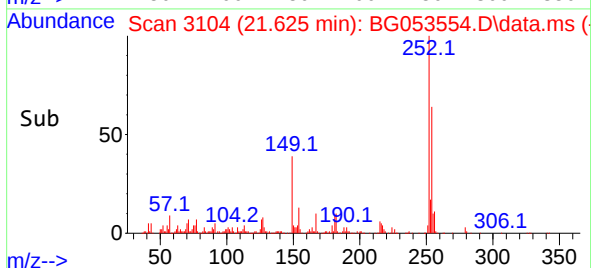
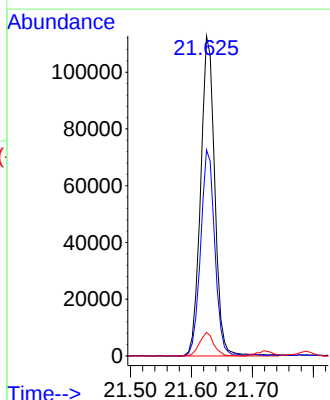
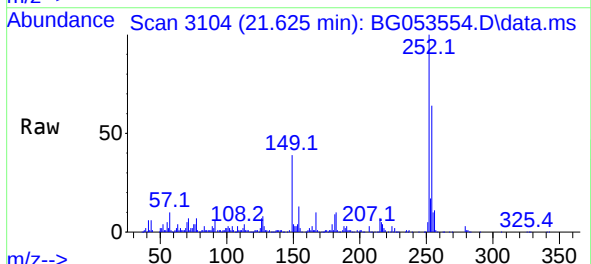
Manual Integrations
APPROVED

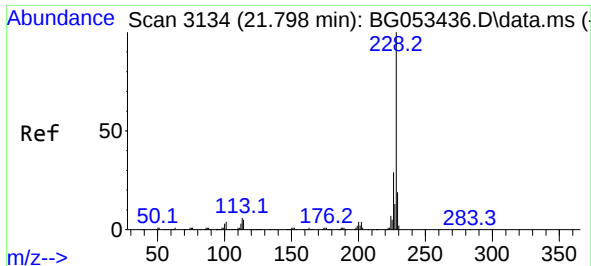
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 55.242 ng
RT: 21.625 min Scan# 3104
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

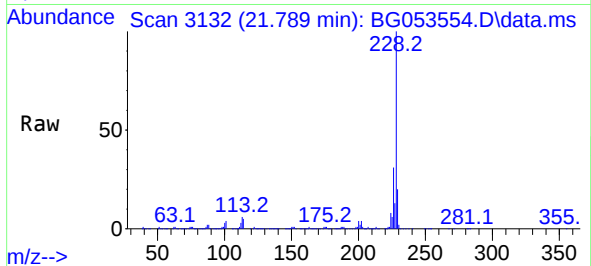
Tgt Ion:252 Resp: 181881
Ion Ratio Lower Upper
252 100
254 64.4 49.8 74.8
126 7.3 6.0 9.0





#83
Chrysene
Concen: 52.770 ng
RT: 21.789 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

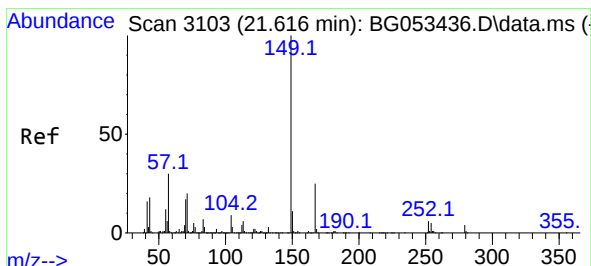
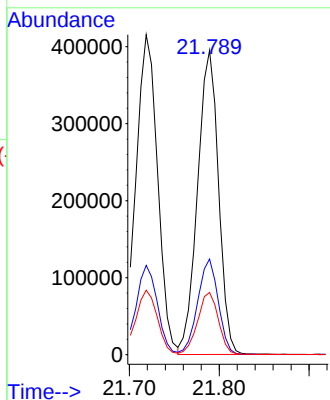
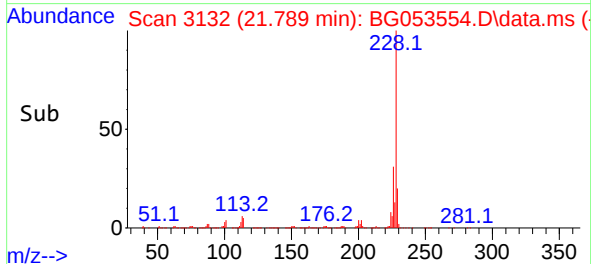
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



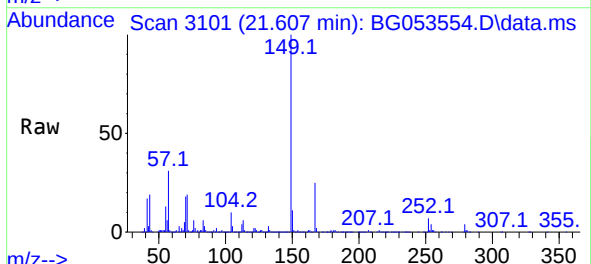
Tgt Ion:228 Resp: 639880
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.2
229 20.5 15.5 23.3

Manual Integrations
APPROVED

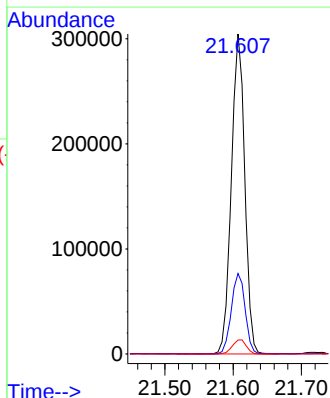
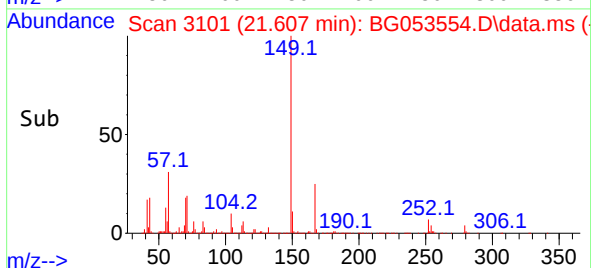
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

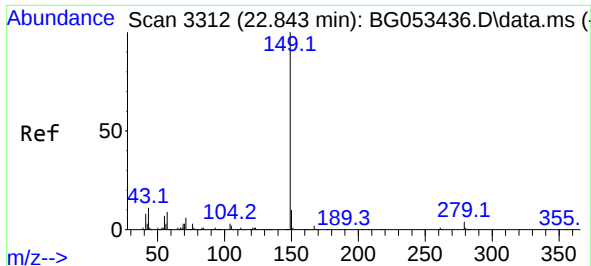


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.518 ng
RT: 21.607 min Scan# 3101
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



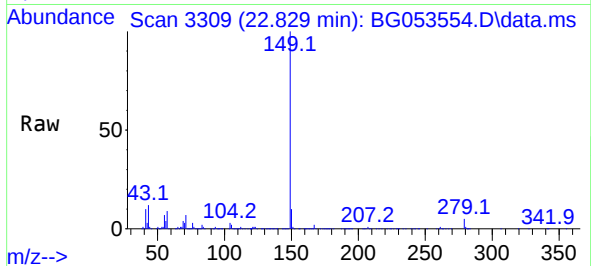
Tgt Ion:149 Resp: 416954
Ion Ratio Lower Upper
149 100
167 25.2 20.2 30.4
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 54.462 ng
RT: 22.829 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

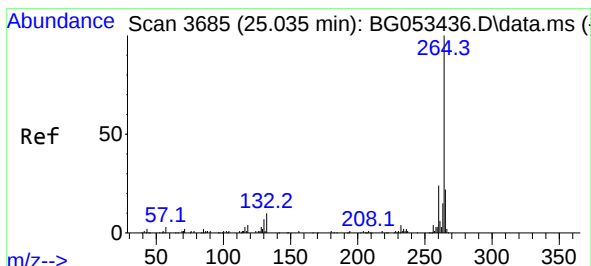
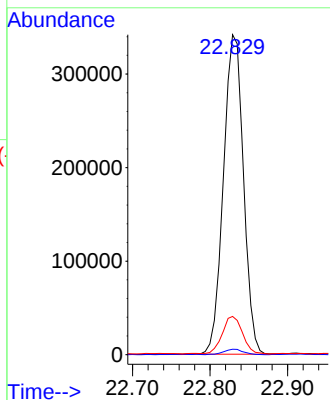
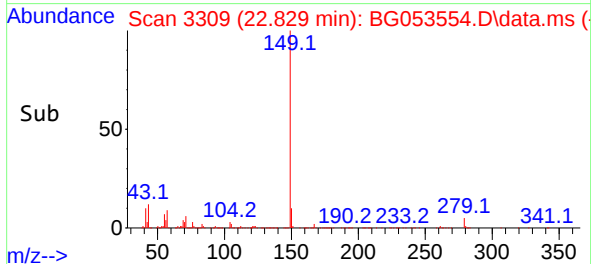
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



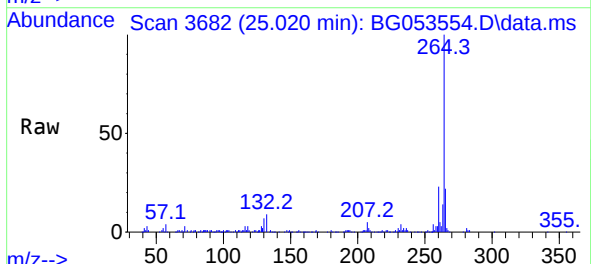
Tgt Ion:149 Resp: 61420
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.9 9.0 13.4

Manual Integrations
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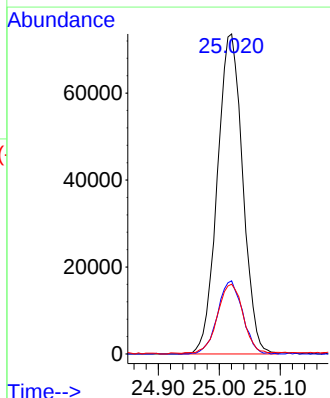
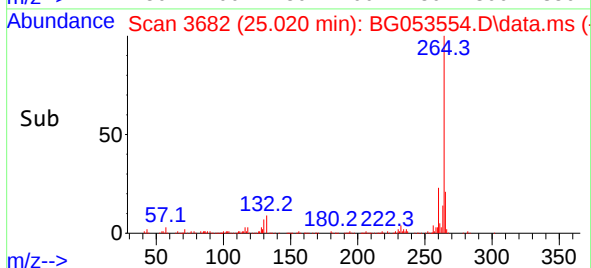
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

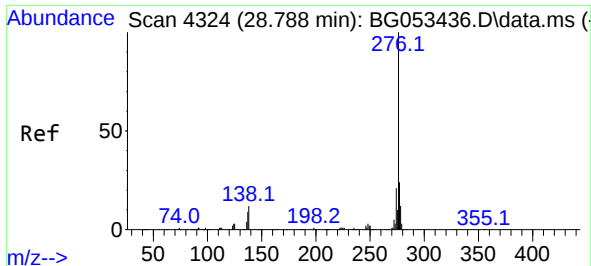


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3682
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



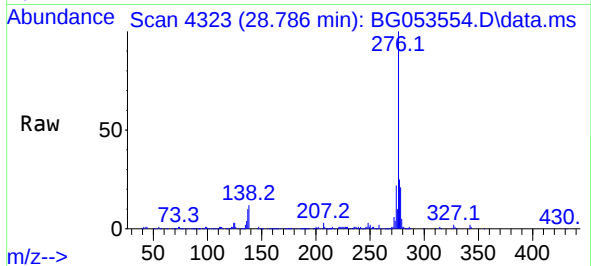
Tgt Ion:264 Resp: 212670
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.005 ng
RT: 28.786 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

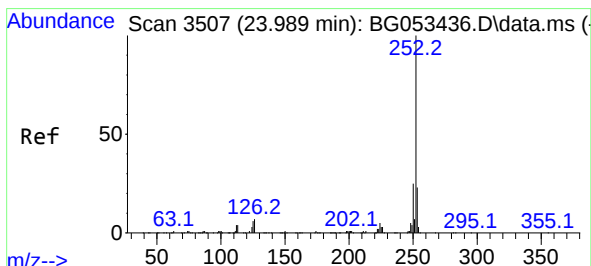
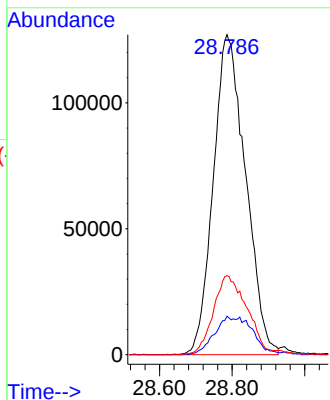
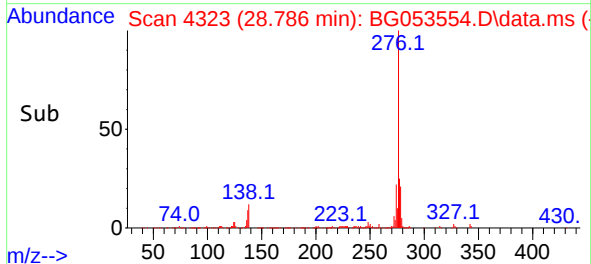
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



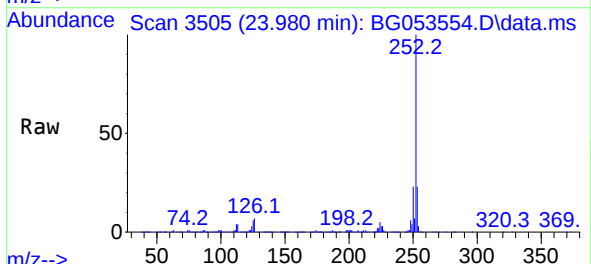
Tgt Ion:276 Resp: 78511
Ion Ratio Lower Upper
276 100
138 7.7 5.0 7.4
277 26.3 20.3 30.5

Manual Integrations
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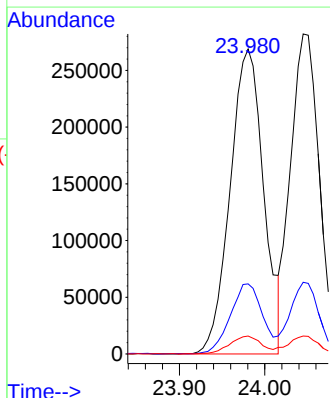
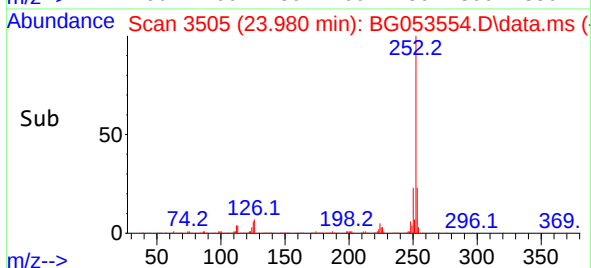
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

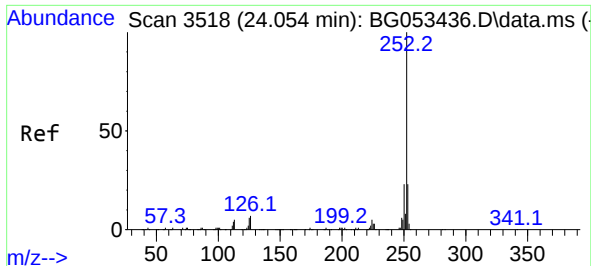


#88
Benzo(b)fluoranthene
Concen: 58.425 ng
RT: 23.980 min Scan# 3505
Delta R.T. 0.001 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:252 Resp: 735473
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 5.9 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 53.042 ng

RT: 24.045 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG053554.D

Acq: 13 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

VNJ-239MSD

Tgt Ion:252 Resp: 65613

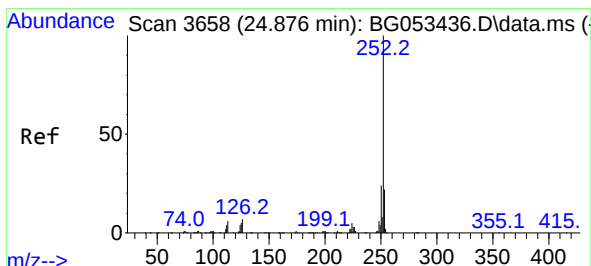
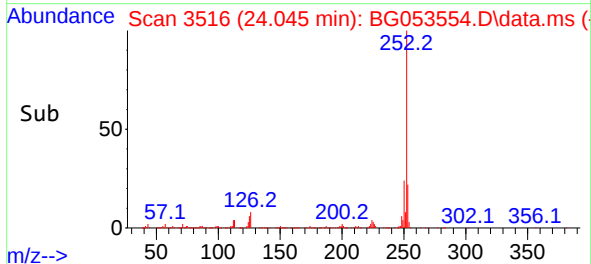
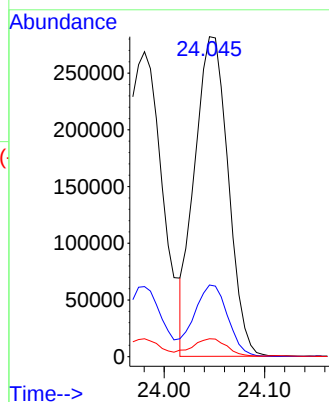
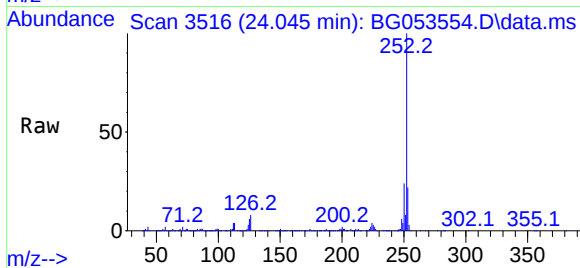
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	5.6	4.8	7.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#90

Benzo(a)pyrene

Concen: 63.732 ng

RT: 24.867 min Scan# 3656

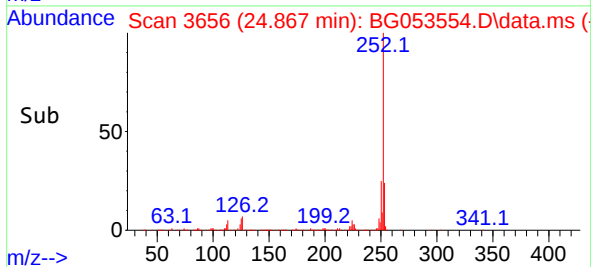
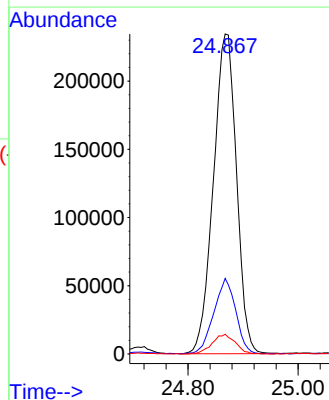
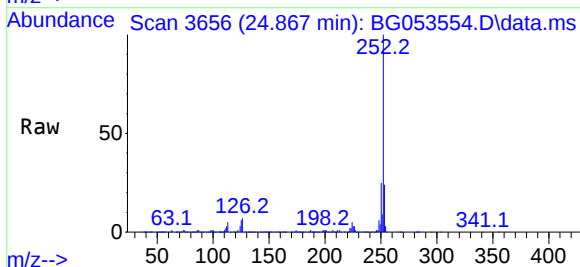
Delta R.T. 0.001 min

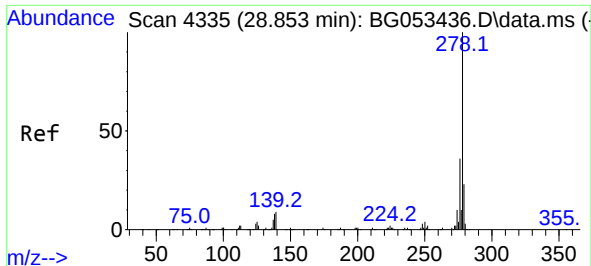
Lab File: BG053554.D

Acq: 13 May 2022 22:21

Tgt Ion:252 Resp: 682856

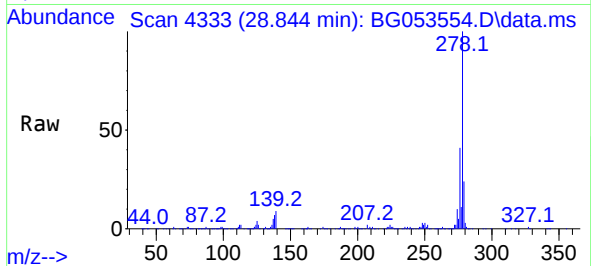
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	6.2	4.3	6.5





#91
Dibenzo(a,h)anthracene
Concen: 55.954 ng
RT: 28.844 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21

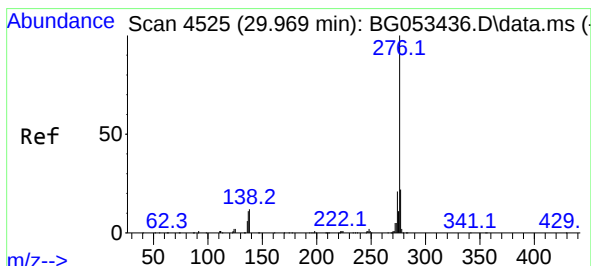
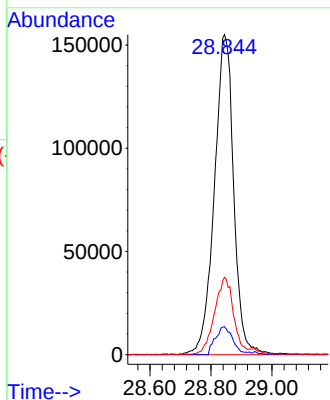
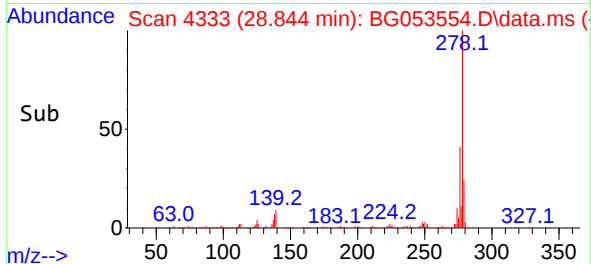
Instrument :
BNA_G
ClientSampleId :
VNJ-239MSD



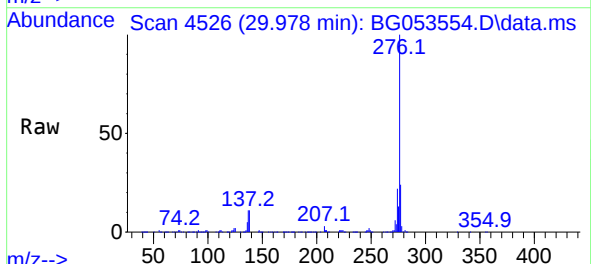
Tgt Ion:278 Resp: 68292
Ion Ratio Lower Upper
278 100
139 8.7 7.2 10.8
279 24.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#92
Benzo(g,h,i)perylene
Concen: 56.214 ng
RT: 29.978 min Scan# 4526
Delta R.T. 0.024 min
Lab File: BG053554.D
Acq: 13 May 2022 22:21



Tgt Ion:276 Resp: 680088
Ion Ratio Lower Upper
276 100
277 23.8 17.3 25.9
138 11.1 9.6 14.4

