

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053553.D
 Acq On : 13 May 2022 21:42
 Operator : CG/JU
 Sample : N2795-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-239MS

Quant Time: May 14 03:15:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	31448	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	129927	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	97646	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	217200	20.000	ng	0.00
76) Chrysene-d12	21.740	240	202761	20.000	ng	0.00
86) Perylene-d12	25.018	264	213726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	172357	93.015	ng	0.00
7) Phenol-d6	7.254	99	262181	93.229	ng	0.00
23) Nitrobenzene-d5	9.251	82	182019	59.636	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	127071	88.234	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	410297	61.401	ng	0.00
79) Terphenyl-d14	20.060	244	692026	63.566	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	33752	34.716	ng	# 90
3) Pyridine	3.929	79	88530	37.286	ng	95
4) n-Nitrosodimethylamine	3.841	42	59200	51.183	ng	# 95
6) Aniline	7.406	93	137735	44.220	ng	97
8) 2-Chlorophenol	7.653	128	109992	56.781	ng	100
9) Benzaldehyde	7.218	77	71548m	40.048	ng	
10) Phenol	7.277	94	152563	55.469	ng	95
11) bis(2-Chloroethyl)ether	7.495	93	104165	50.780	ng	96
12) 1,3-Dichlorobenzene	7.976	146	116519	50.987	ng	95
13) 1,4-Dichlorobenzene	8.123	146	116472	50.506	ng	95
14) 1,2-Dichlorobenzene	8.440	146	112497	51.949	ng	98
15) Benzyl Alcohol	8.323	79	126344m	53.738	ng	
16) 2,2'-oxybis(1-Chloropr...	8.611	45	166546	49.885	ng	97
17) 2-Methylphenol	8.534	107	103090	55.455	ng	99
18) Hexachloroethane	9.169	117	44686	51.027	ng	96
19) n-Nitroso-di-n-propyla...	8.887	70	100747	49.931	ng	97
20) 3+4-Methylphenols	8.857	107	141641	53.948	ng	98
22) Acetophenone	8.910	105	174678	49.123	ng	97
24) Nitrobenzene	9.292	77	153890	52.093	ng	98
25) Isophorone	9.815	82	278957	54.307	ng	99
26) 2-Nitrophenol	10.003	139	63942	53.442	ng	95
27) 2,4-Dimethylphenol	10.062	122	109947	61.061	ng	95
28) bis(2-Chloroethoxy)met...	10.291	93	145222	49.156	ng	98
29) 2,4-Dichlorophenol	10.549	162	123756	56.947	ng	97
30) 1,2,4-Trichlorobenzene	10.761	180	130902	53.015	ng	98
31) Naphthalene	10.949	128	339678	51.396	ng	98
32) Benzoic acid	10.250	122	64917m	55.965	ng	
33) 4-Chloroaniline	11.049	127	67912	24.536	ng	96
34) Hexachlorobutadiene	11.231	225	95788	52.317	ng	98
35) Caprolactam	11.842	113	39089m	49.497	ng	
36) 4-Chloro-3-methylphenol	12.176	107	139941	53.834	ng	99
37) 2-Methylnaphthalene	12.547	142	244892	49.652	ng	98
38) 1-Methylnaphthalene	12.764	142	241111	50.105	ng	99
40) 1,2,4,5-Tetrachloroben...	12.917	216	165295	53.703	ng	99
41) Hexachlorocyclopentadiene	12.893	237	151158	116.087	ng	98
43) 2,4,6-Trichlorophenol	13.152	196	112221	55.856	ng	98

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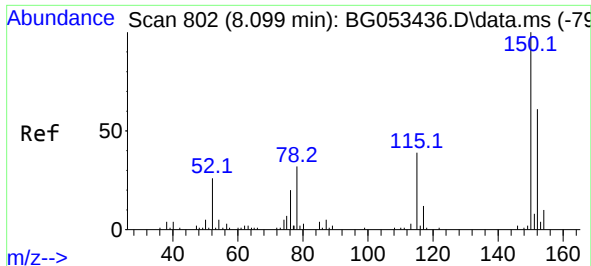
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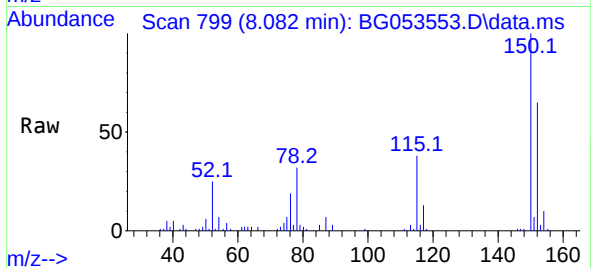
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	118986	55.645	ng	99
46) 1,1'-Biphenyl	13.545	154	347002	52.134	ng	100
47) 2-Chloronaphthalene	13.592	162	270573	51.886	ng	99
48) 2-Nitroaniline	13.792	65	104512	53.786	ng	96
49) Acenaphthylene	14.438	152	451621	54.272	ng	99
50) Dimethylphthalate	14.162	163	362403	48.840	ng	99
51) 2,6-Dinitrotoluene	14.285	165	77931	51.551	ng	99
52) Acenaphthene	14.779	154	256905	51.805	ng	98
53) 3-Nitroaniline	14.614	138	57030	34.915	ng	96
54) 2,4-Dinitrophenol	14.832	184	93401	95.980	ng	96
55) Dibenzofuran	15.108	168	438950	49.278	ng	97
56) 4-Nitrophenol	14.937	139	120039	102.891	ng	93
57) 2,4-Dinitrotoluene	15.073	165	111268	50.778	ng	# 88
58) Fluorene	15.760	166	356987	49.941	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.343	232	110691	51.020	ng	98
60) Diethylphthalate	15.519	149	370451	48.331	ng	98
61) 4-Chlorophenyl-phenylether	15.742	204	197423	49.495	ng	97
62) 4-Nitroaniline	15.783	138	75243	44.413	ng	96
63) Azobenzene	16.036	77	380128	48.431	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	66752	51.576	ng	99
66) n-Nitrosodiphenylamine	15.960	169	313416	54.960	ng	99
67) 4-Bromophenyl-phenylether	16.641	248	140692	55.464	ng	98
68) Hexachlorobenzene	16.770	284	154681	55.679	ng	97
69) Atrazine	16.905	200	129942	54.127	ng	96
70) Pentachlorophenol	17.117	266	161420	106.273	ng	97
71) Phenanthrene	17.499	178	590508	53.468	ng	99
72) Anthracene	17.593	178	574883	52.958	ng	98
73) Carbazole	17.857	167	512680	48.189	ng	100
74) Di-n-butylphthalate	18.403	149	584541	48.853	ng	99
75) Fluoranthene	19.508	202	719215	50.294	ng	98
77) Benzidine	19.684	184	216791	49.606	ng	99
78) Pyrene	19.872	202	717859	54.691	ng	100
80) Butylbenzylphthalate	20.741	149	256069	53.202	ng	94
81) Benzo(a)anthracene	21.716	228	700537	54.169	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	175955	53.652	ng	95
83) Chrysene	21.787	228	640605	53.037	ng	97
84) Bis(2-ethylhexyl)phtha...	21.605	149	419072	63.082	ng	98
85) Di-n-octyl phthalate	22.833	149	612347	54.510	ng	100
87) Indeno(1,2,3-cd)pyrene	28.789	276	795827	53.463	ng	99
88) Benzo(b)fluoranthene	23.978	252	736718	58.235	ng	99
89) Benzo(k)fluoranthene	24.043	252	661948	53.248	ng	99
90) Benzo(a)pyrene	24.865	252	688444	63.936	ng	98
91) Dibenzo(a,h)anthracene	28.836	278	685073	55.853	ng	99
92) Benzo(g,h,i)perylene	29.958	276	676545	55.645	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

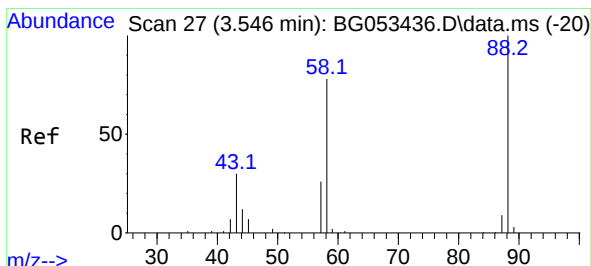
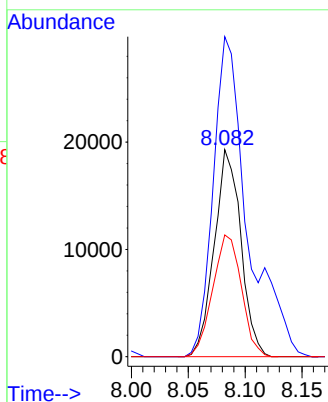
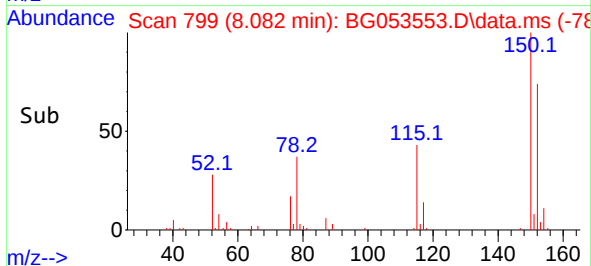
Instrument :
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ClientSampleId :
VNJ-239MS



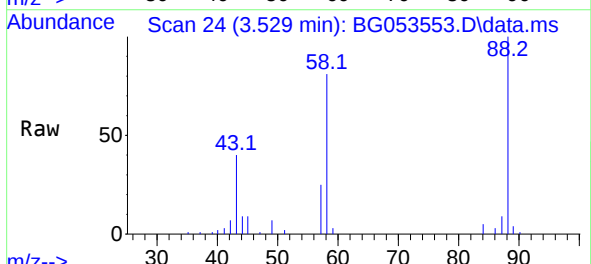
Tgt Ion:152 Resp: 3144
Ion Ratio Lower Upper
152 100
150 154.6 131.6 197.4
115 58.8 50.9 76.3

Manual Integrations
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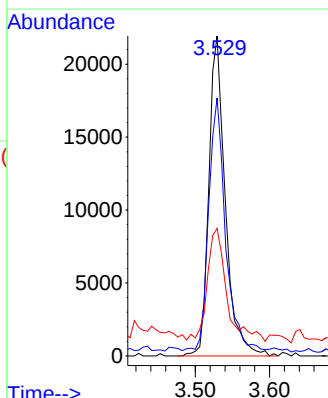
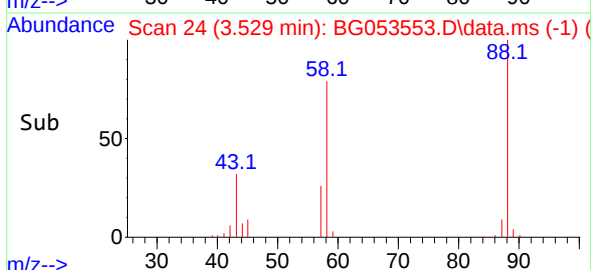
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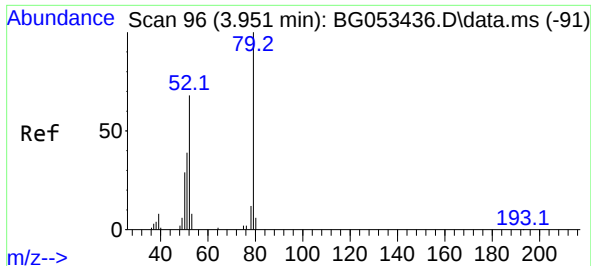


#2
1,4-Dioxane
Concen: 34.716 ng
RT: 3.529 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



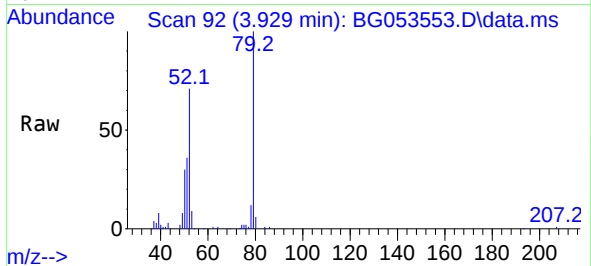
Tgt Ion: 88 Resp: 33752
Ion Ratio Lower Upper
88 100
58 78.6 59.2 88.8
43 41.5 24.3 36.5





#3
Pyridine
Concen: 37.286 ng
RT: 3.929 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

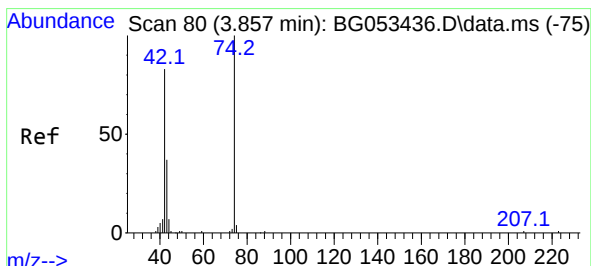
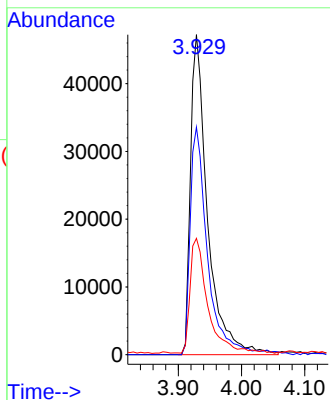
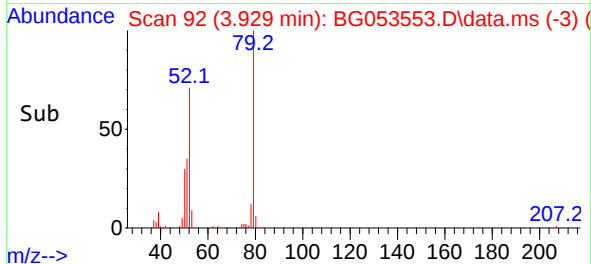
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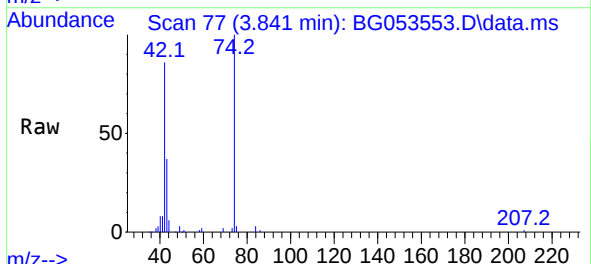
Tgt Ion: 79 Resp: 88530
Ion Ratio Lower Upper
79 100
52 71.1 54.6 81.8
51 36.4 32.5 48.7

Manual Integrations
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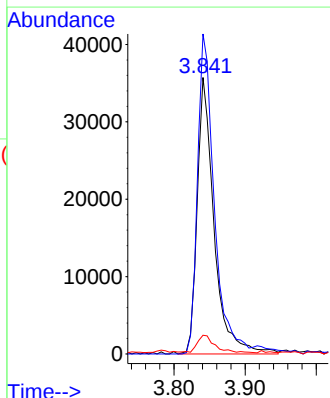
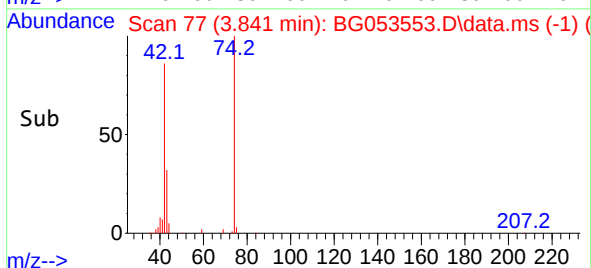
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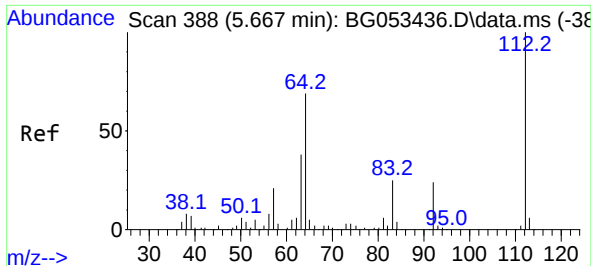


#4
n-Nitrosodimethylamine
Concen: 51.183 ng
RT: 3.841 min Scan# 77
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion: 42 Resp: 59200
Ion Ratio Lower Upper
42 100
74 115.7 97.0 145.4
44 6.8 7.0 10.4





#5
2-Fluorophenol
Concen: 93.015 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

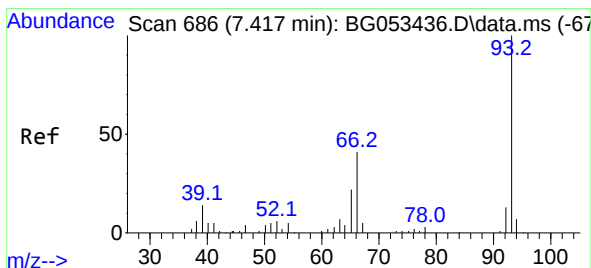
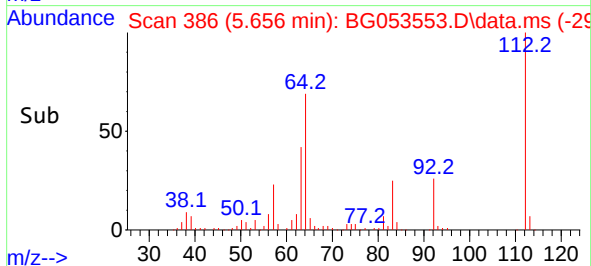
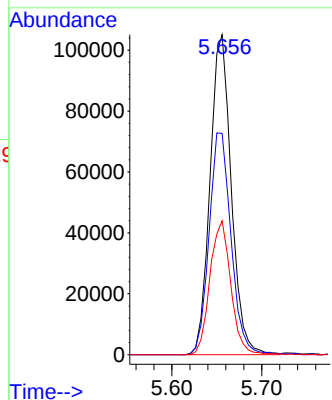
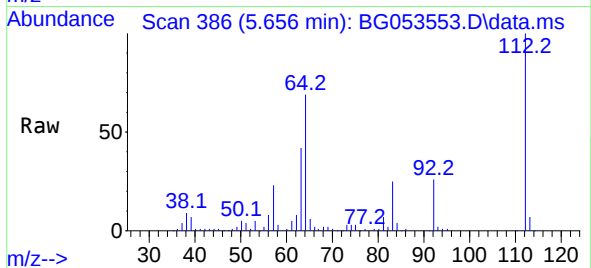
VNJ-239MS

Tgt Ion:112 Resp: 17235
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 41.8 30.4 45.6

Manual Integrations

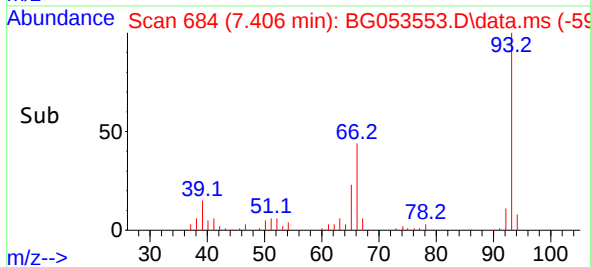
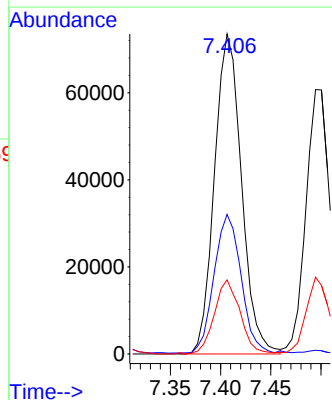
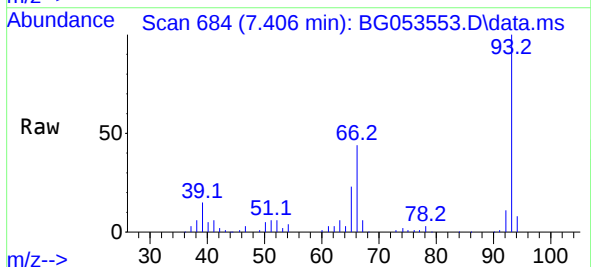
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#6
Aniline
Concen: 44.220 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion: 93 Resp: 137735
Ion Ratio Lower Upper
93 100
66 43.6 32.9 49.3
65 23.2 17.8 26.8





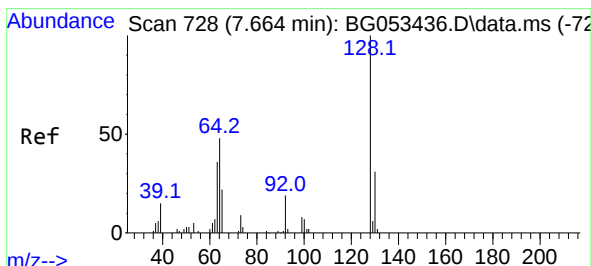
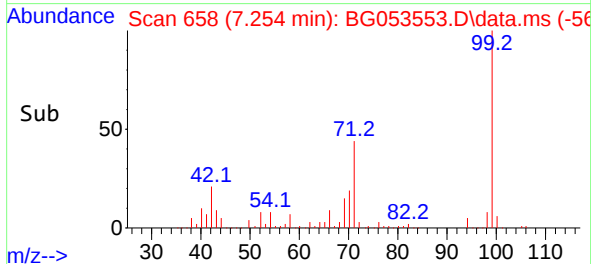
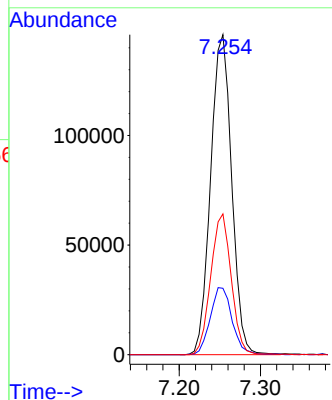
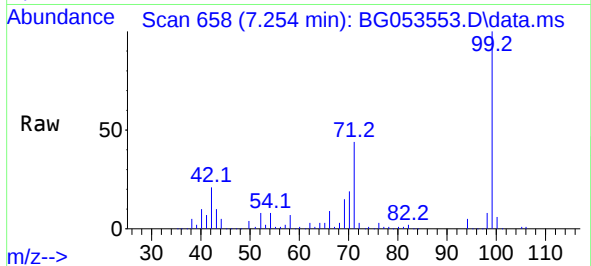
#7
Phenol-d6
Concen: 93.229 ng
RT: 7.254 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
VNJ-239MS

Tgt Ion: 99 Resp: 26218
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 44.0 33.8 50.8

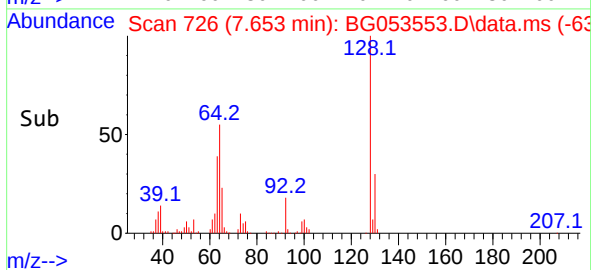
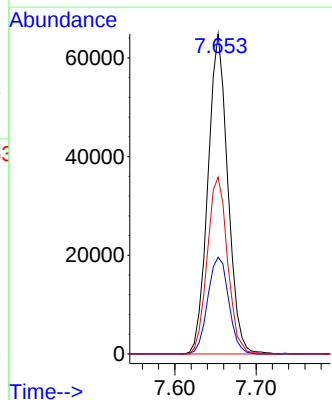
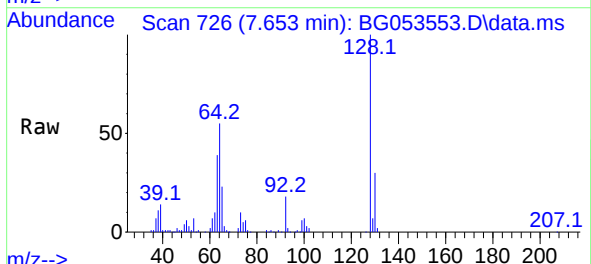
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#8
2-Chlorophenol
Concen: 56.781 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion:128 Resp: 109992
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 55.2 35.1 75.1





#9
Benzaldehyde
Concen: 40.048 ng m
RT: 7.218 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

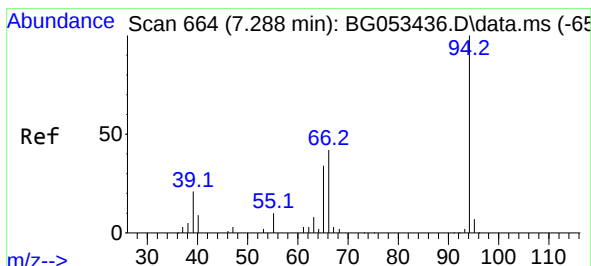
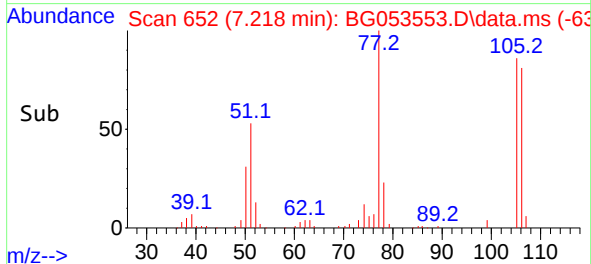
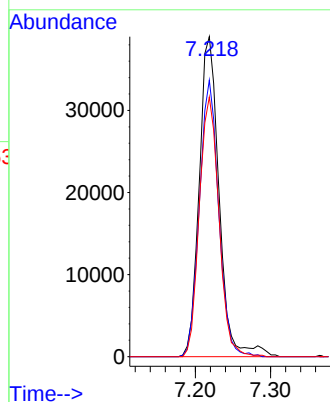
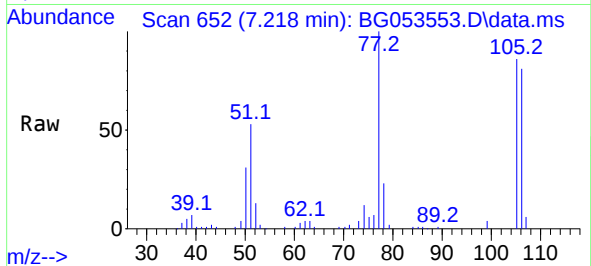
VNJ-239MS

Tgt Ion: 77 Resp: 71548
Ion Ratio Lower Upper
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105 86.4 59.6 99.6
106 81.1 56.8 96.8

Manual Integrations

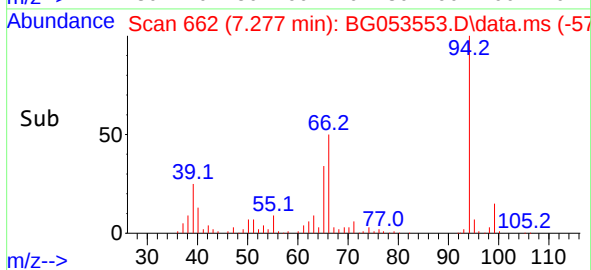
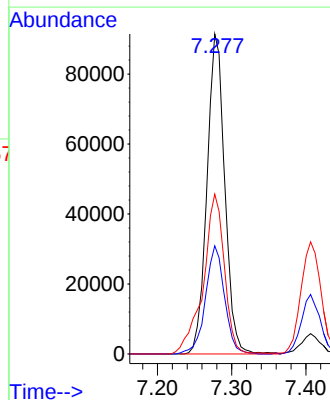
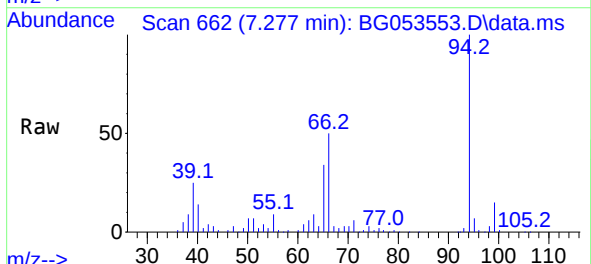
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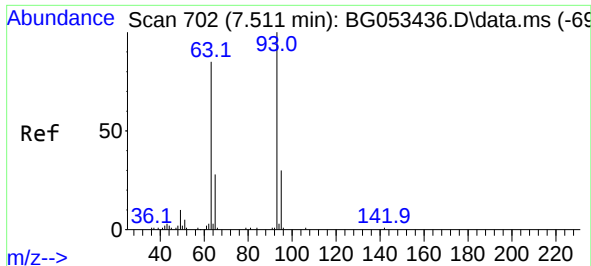
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#10
Phenol
Concen: 55.469 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion: 94 Resp: 152563
Ion Ratio Lower Upper
94 100
65 33.8 14.8 54.8
66 50.0 25.2 65.2





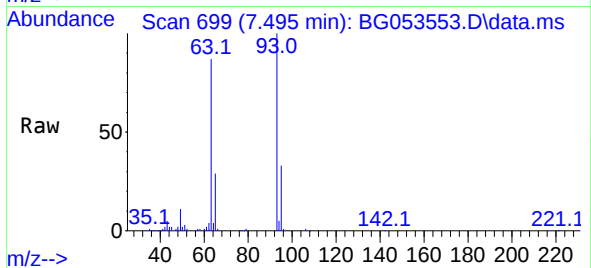
#11
bis(2-Chloroethyl)ether
Concen: 50.780 ng
RT: 7.495 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

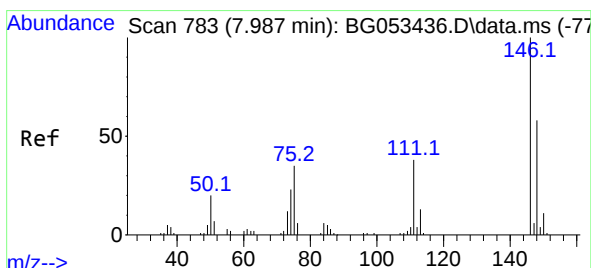
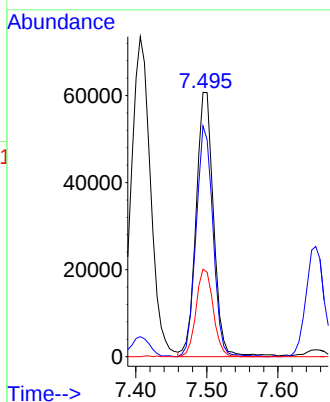
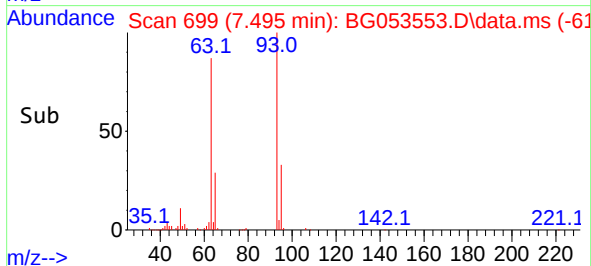
VNJ-239MS



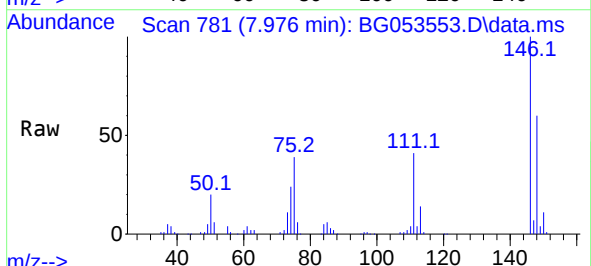
Tgt Ion: 93 Resp: 10416
Ion Ratio Lower Upper
93 100
63 87.3 63.6 103.6
95 33.1 10.1 50.1

Manual Integrations
APPROVED

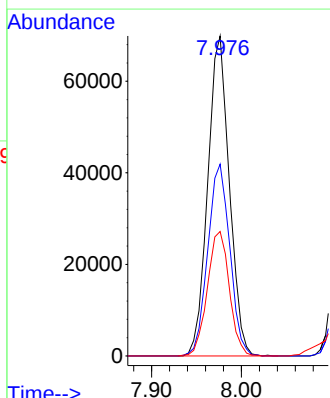
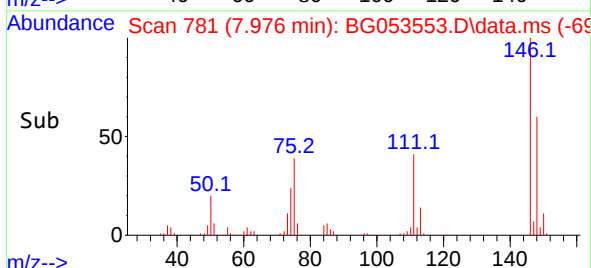
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

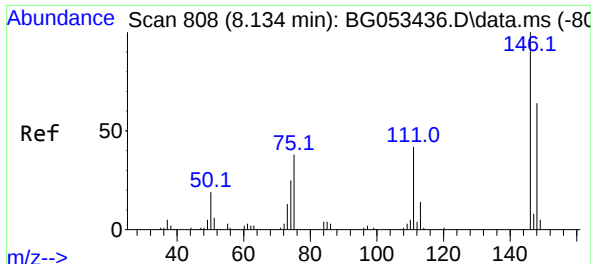


#12
1,3-Dichlorobenzene
Concen: 50.987 ng
RT: 7.976 min Scan# 781
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



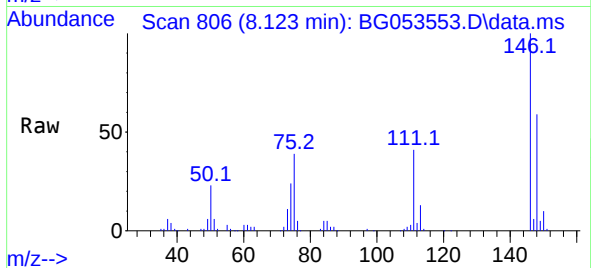
Tgt Ion:146 Resp: 116519
Ion Ratio Lower Upper
146 100
148 59.9 46.1 69.1
75 38.9 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 50.506 ng
RT: 8.123 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

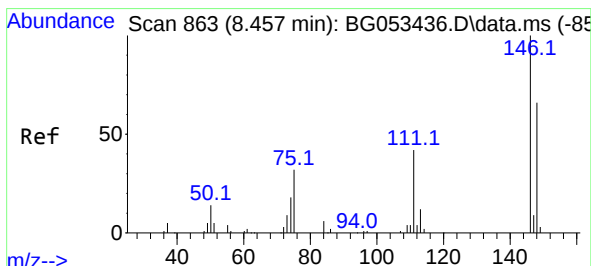
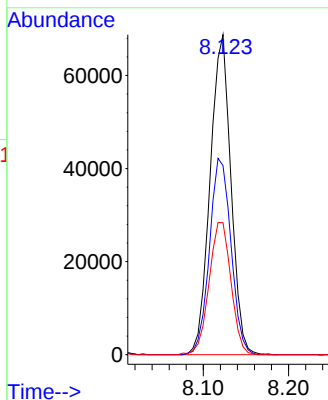
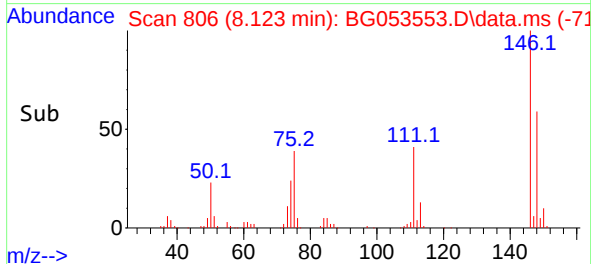
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



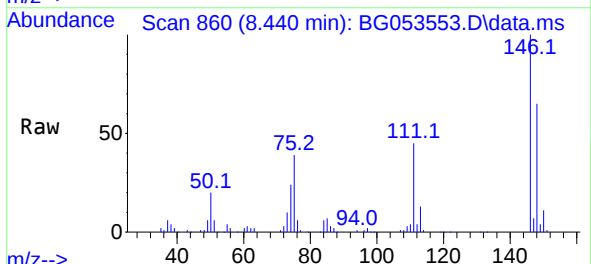
Tgt Ion:146 Resp: 116472
Ion Ratio Lower Upper
146 100
148 59.1 51.5 77.3
111 41.3 33.9 50.9

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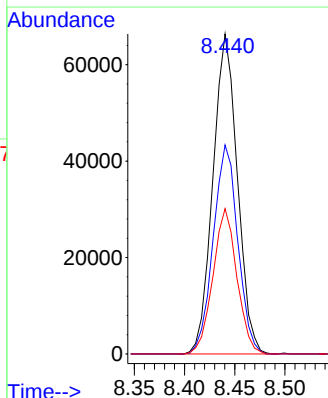
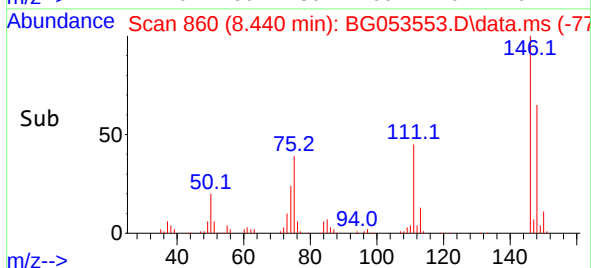
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

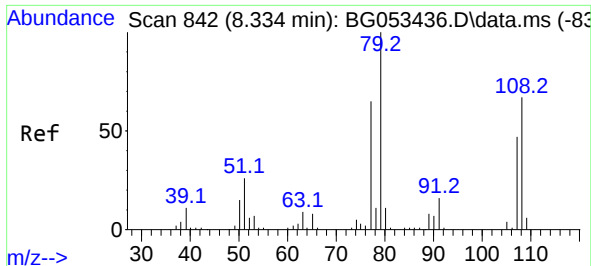


#14
1,2-Dichlorobenzene
Concen: 51.949 ng
RT: 8.440 min Scan# 860
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:146 Resp: 112497
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
111 45.4 34.5 51.7





#15
Benzyl Alcohol
Concen: 53.738 ng m
RT: 8.323 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

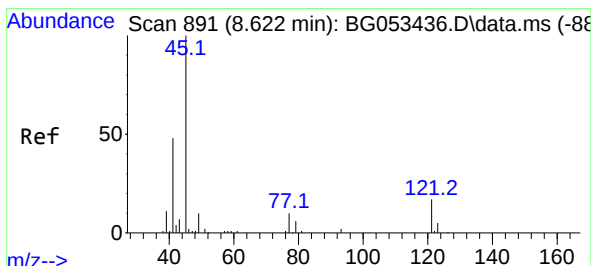
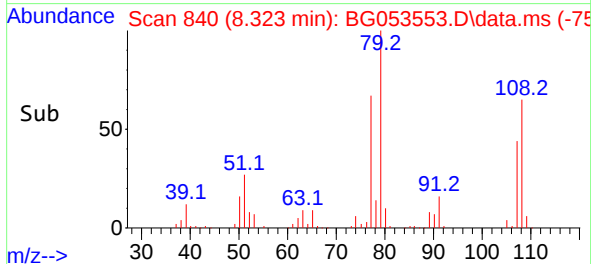
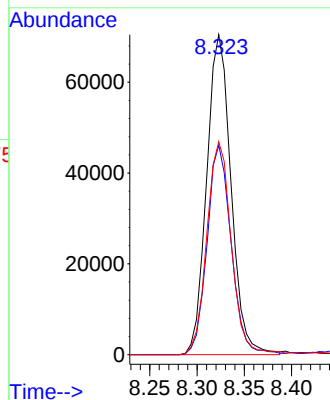
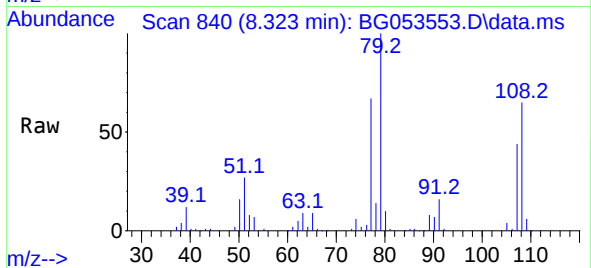
VNJ-239MS

Tgt Ion: 79 Resp: 126344
Ion Ratio Lower Upper
79 100
108 65.4 53.7 80.5
77 66.6 52.2 78.4

Manual Integrations

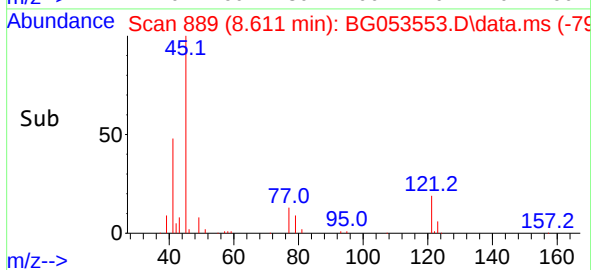
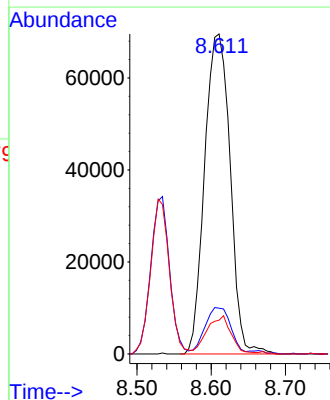
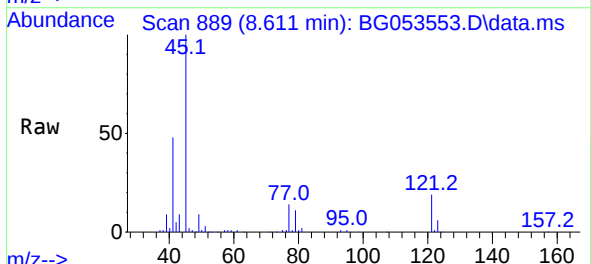
APPROVED

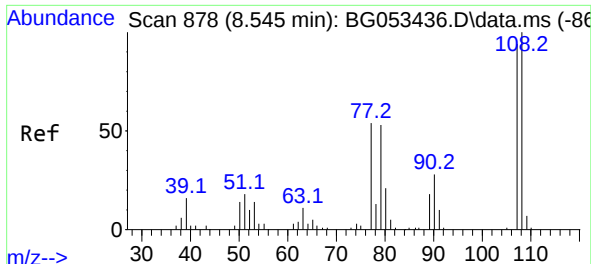
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.885 ng
RT: 8.611 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion: 45 Resp: 166546
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.7
79 10.5 0.0 29.7





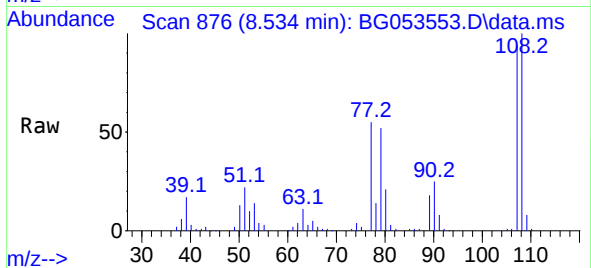
#17
2-Methylphenol
Concen: 55.455 ng
RT: 8.534 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

VNJ-239MS

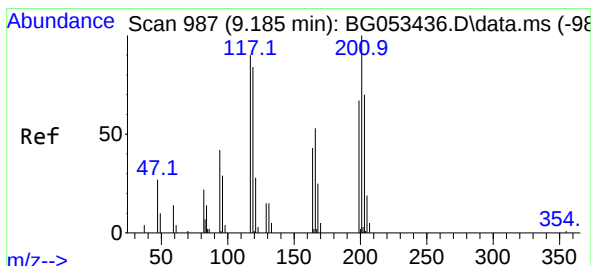
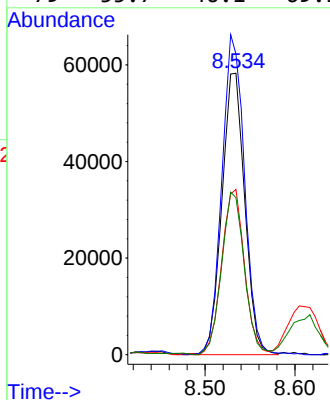
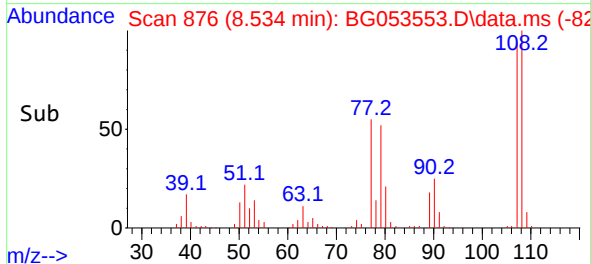


Tgt Ion:107 Resp: 103090
Ion Ratio Lower Upper
107 100
108 106.8 85.4 128.0
77 58.7 46.2 69.2
79 55.7 46.1 69.1

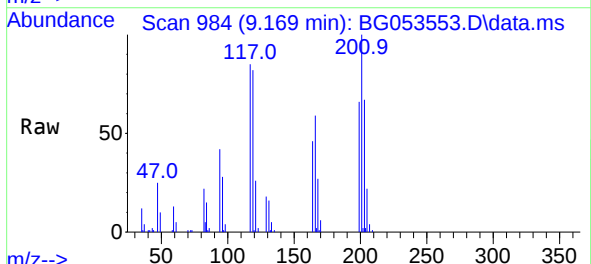
Manual Integrations

APPROVED

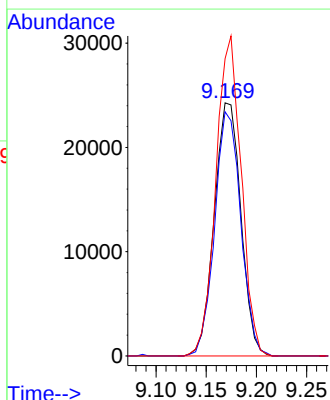
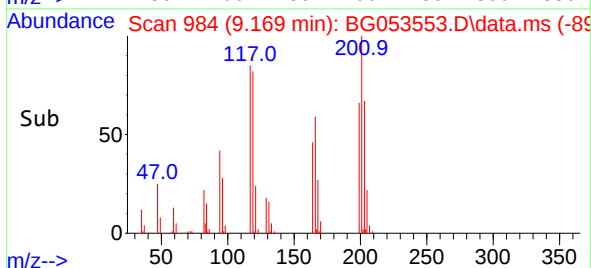
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

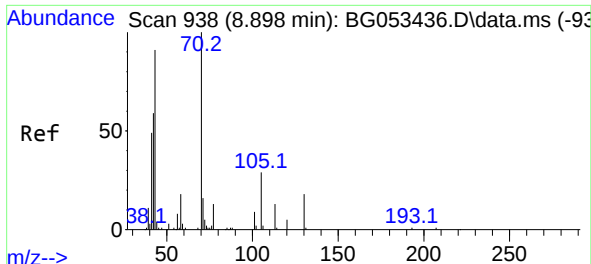


#18
Hexachloroethane
Concen: 51.027 ng
RT: 9.169 min Scan# 984
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



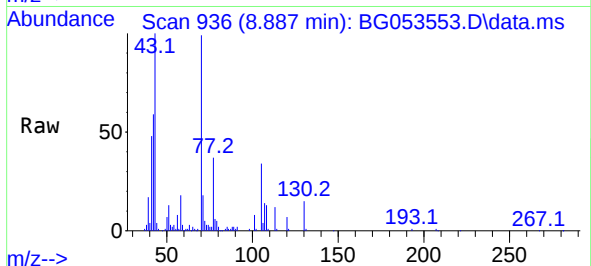
Tgt Ion:117 Resp: 44686
Ion Ratio Lower Upper
117 100
119 96.4 75.0 112.6
201 117.4 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 49.931 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

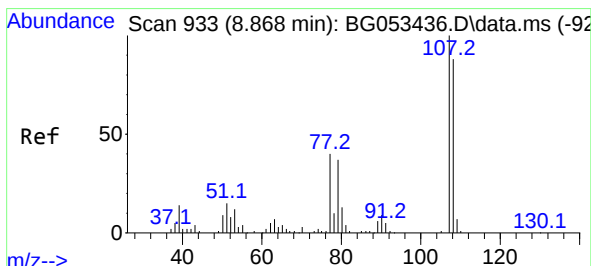
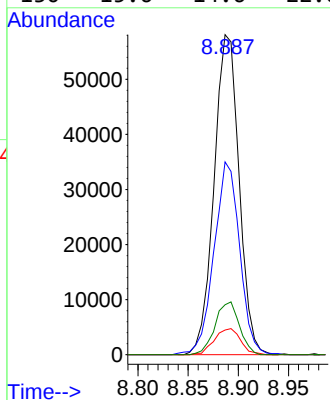
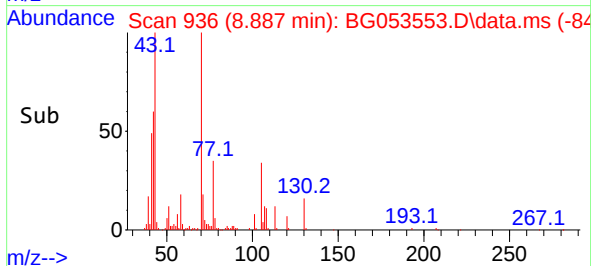
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



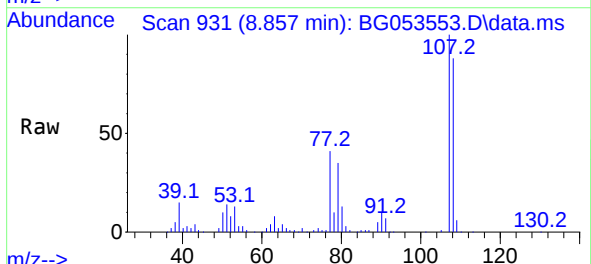
Tgt Ion: 70 Resp: 10074
Ion Ratio Lower Upper
70 100
42 60.3 47.3 70.9
101 7.7 7.0 10.4
130 15.6 14.6 22.0

Manual Integrations
APPROVED

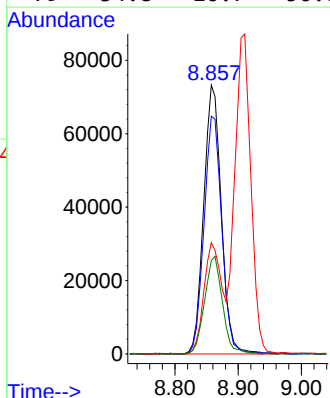
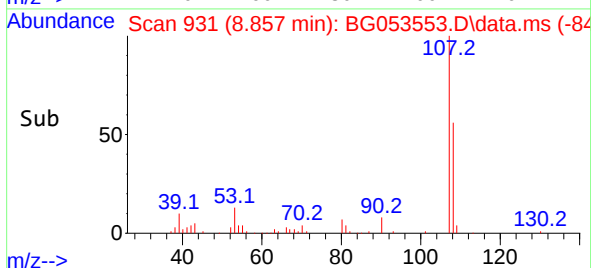
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

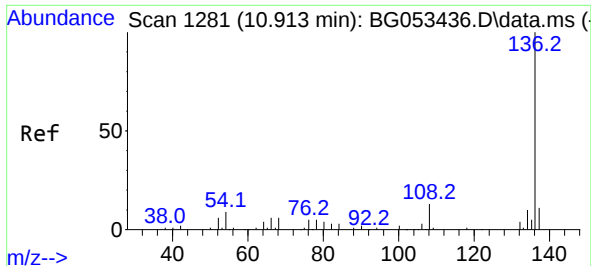


#20
3+4-Methylphenols
Concen: 53.948 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:107 Resp: 141641
Ion Ratio Lower Upper
107 100
108 88.4 67.5 107.5
77 41.4 20.3 60.3
79 34.8 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

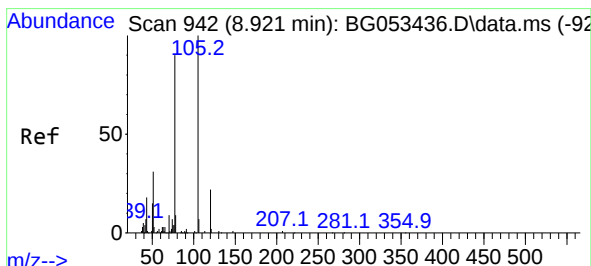
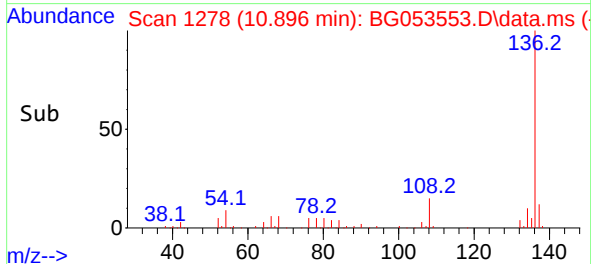
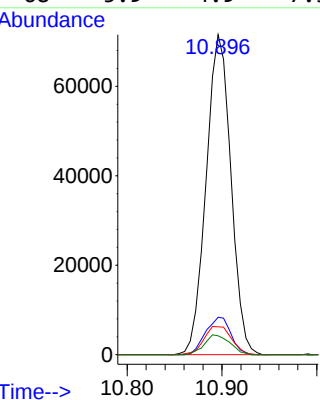
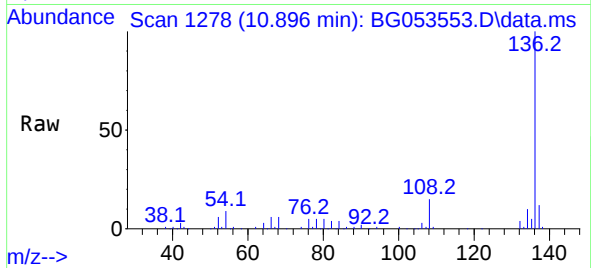
VNJ-239MS

Tgt Ion:136 Resp: 12992
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 8.7 7.4 11.2
68 5.9 4.9 7.3

Manual Integrations

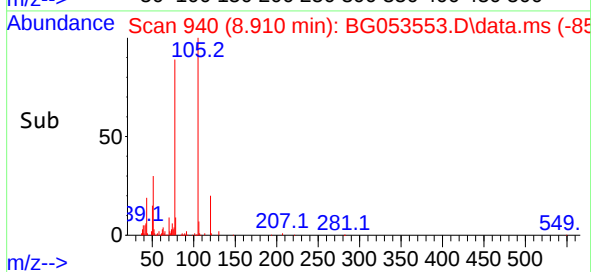
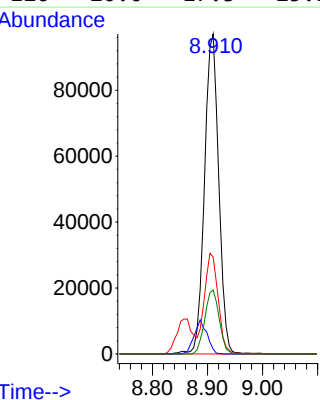
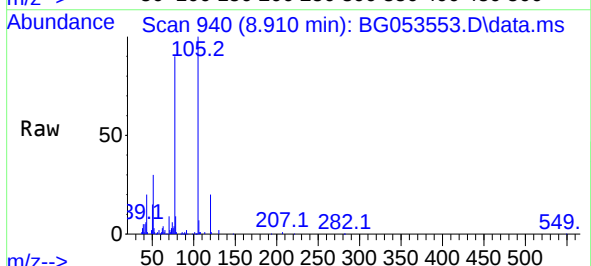
APPROVED

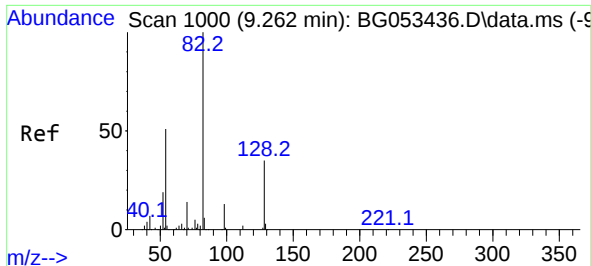
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#22
Acetophenone
Concen: 49.123 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

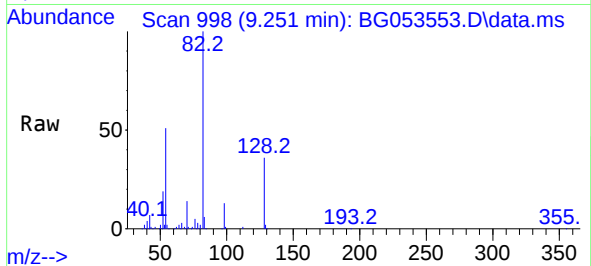
Tgt Ion:105 Resp: 174678
Ion Ratio Lower Upper
105 100
71 1.6 1.1 1.7
51 30.3 25.4 38.0
120 20.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 59.636 ng
RT: 9.251 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

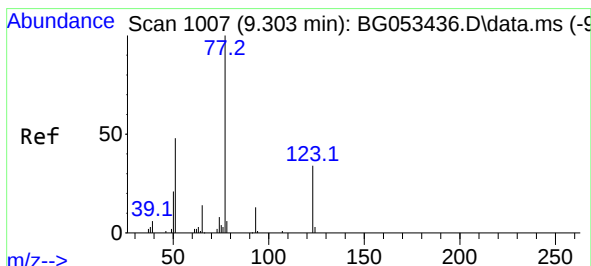
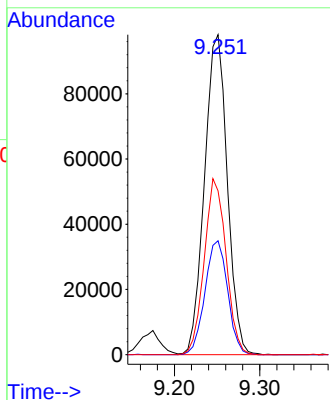
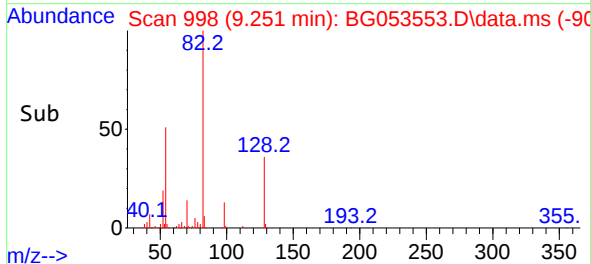
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



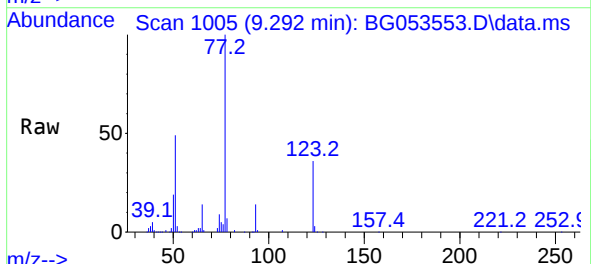
Tgt Ion: 82 Resp: 182019
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 51.2 41.2 61.8

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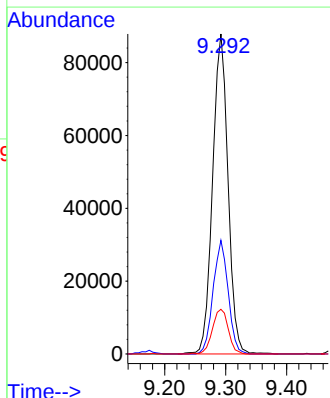
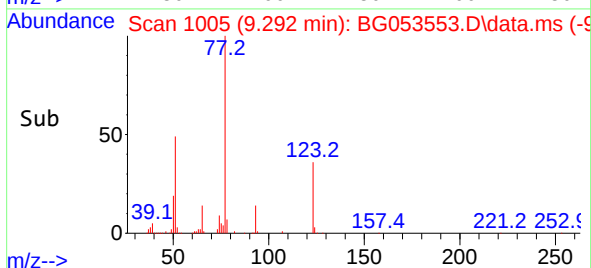
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

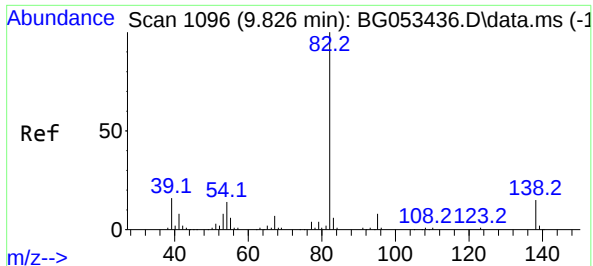


#24
Nitrobenzene
Concen: 52.093 ng
RT: 9.292 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



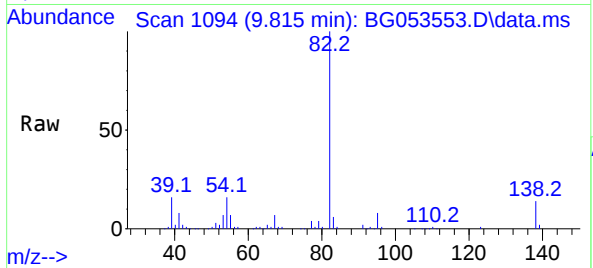
Tgt Ion: 77 Resp: 153890
Ion Ratio Lower Upper
77 100
123 35.5 27.4 41.0
65 13.9 11.4 17.0





#25
Isophorone
Concen: 54.307 ng
RT: 9.815 min Scan# 1094
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

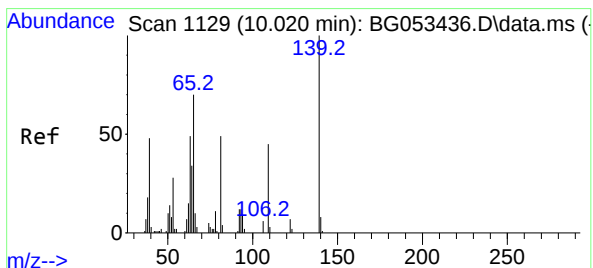
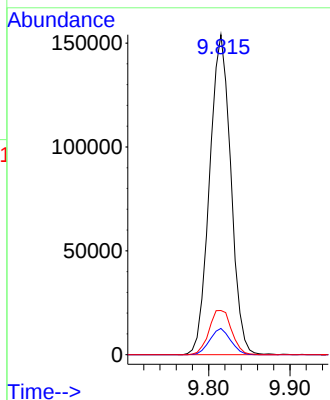
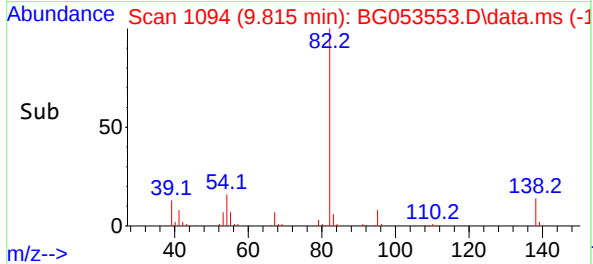
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



Tgt Ion: 82 Resp: 27895
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 13.8 11.6 17.4

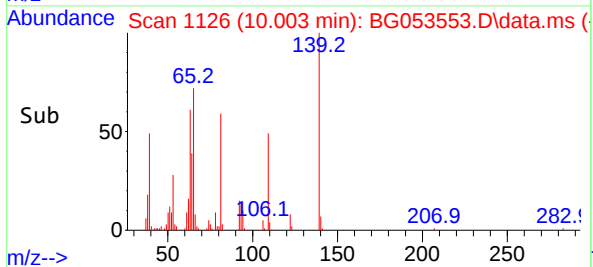
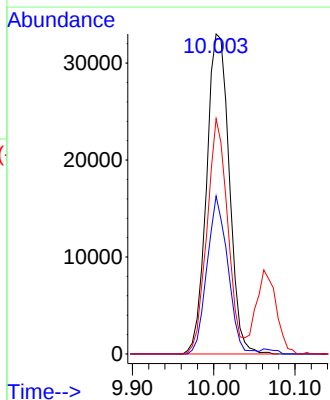
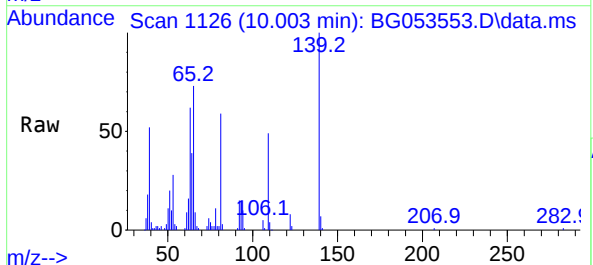
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 53.442 ng
RT: 10.003 min Scan# 1126
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion:139 Resp: 63942
Ion Ratio Lower Upper
139 100
109 49.4 36.1 54.1
65 73.5 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 61.061 ng
RT: 10.062 min Scan# 1136
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

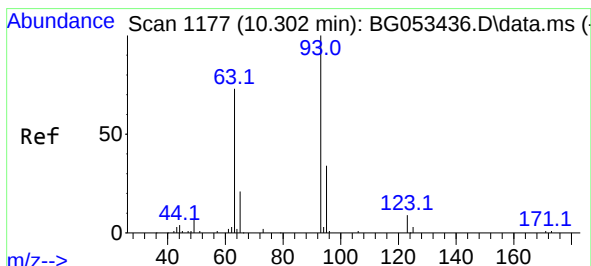
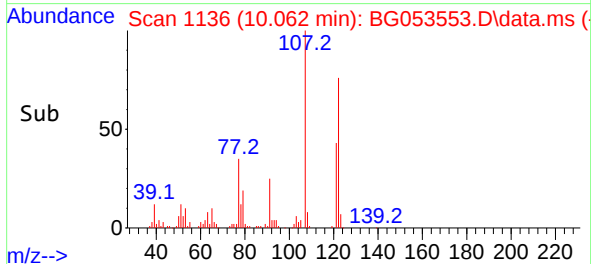
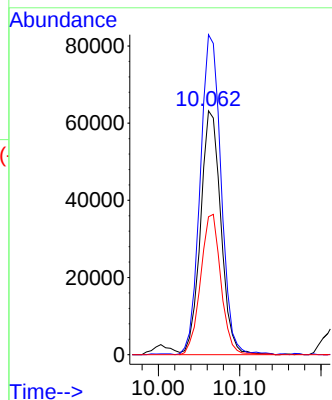
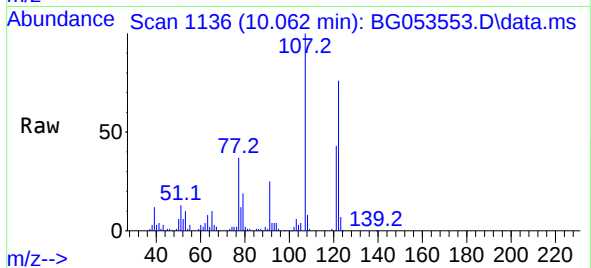
VNJ-239MS

Tgt Ion:122 Resp: 10994
Ion Ratio Lower Upper
122 100
107 131.2 109.4 164.0
121 56.5 48.7 73.1

Manual Integrations

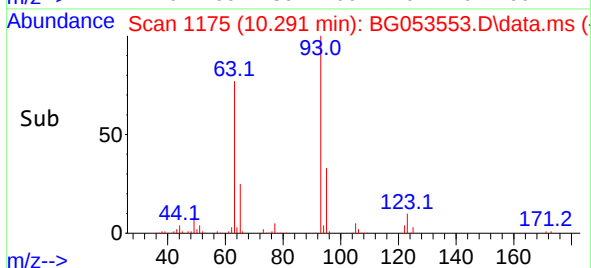
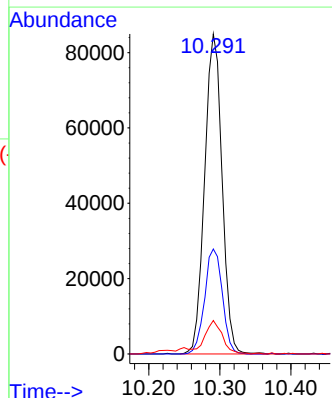
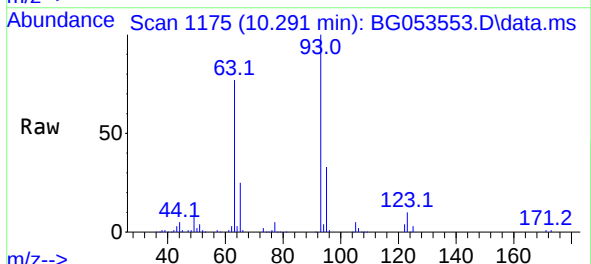
APPROVED

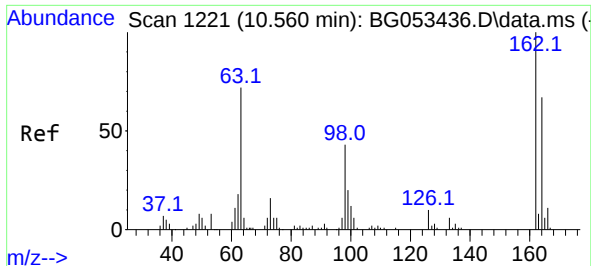
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.156 ng
RT: 10.291 min Scan# 1175
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion: 93 Resp: 145222
Ion Ratio Lower Upper
93 100
95 32.8 26.9 40.3
123 10.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 56.947 ng

RT: 10.549 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053553.D

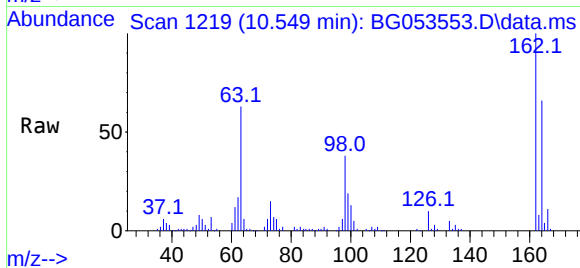
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

VNJ-239MS



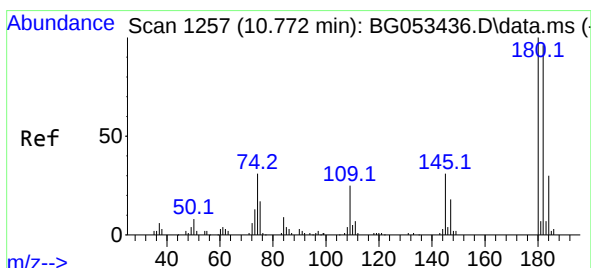
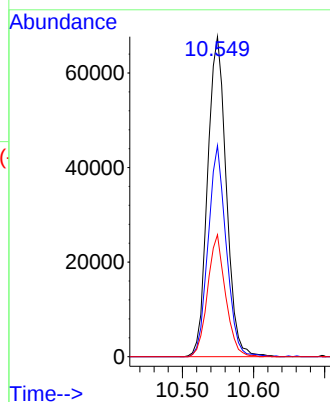
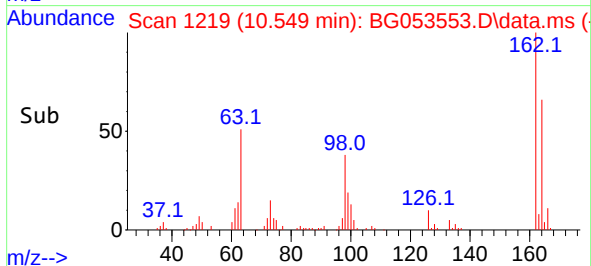
Tgt Ion:162 Resp: 123750

Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.6	86.6
98	38.1	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

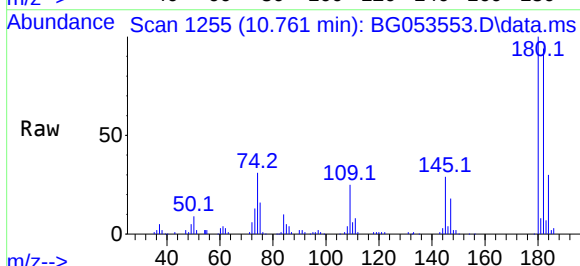
Concen: 53.015 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.002 min

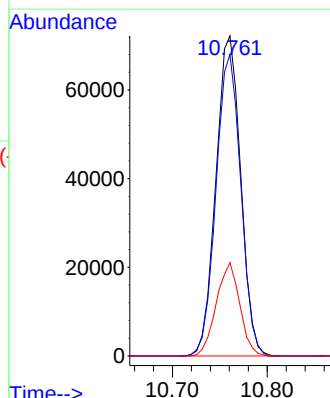
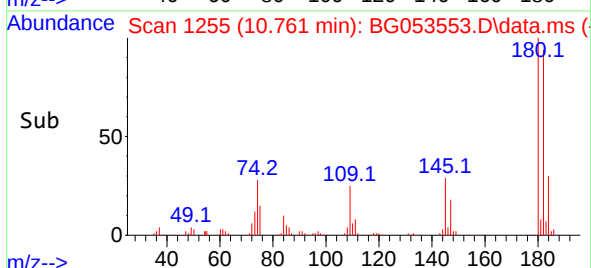
Lab File: BG053553.D

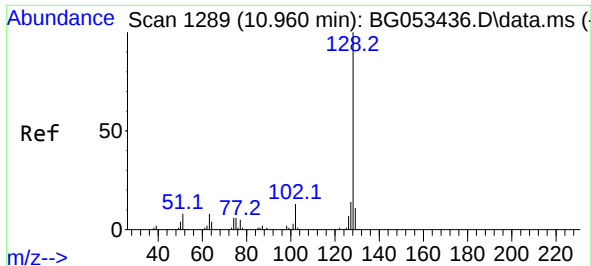
Acq: 13 May 2022 21:42



Tgt Ion:180 Resp: 130902

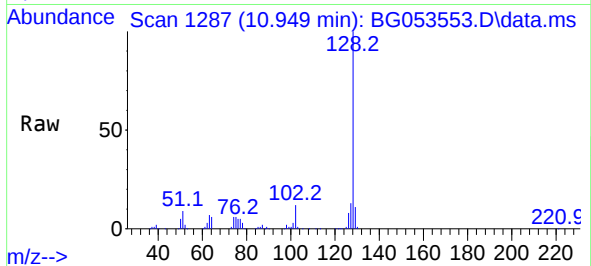
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	115.0
145	29.1	25.0	37.4





#31
Naphthalene
Concen: 51.396 ng
RT: 10.949 min Scan# 1287
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

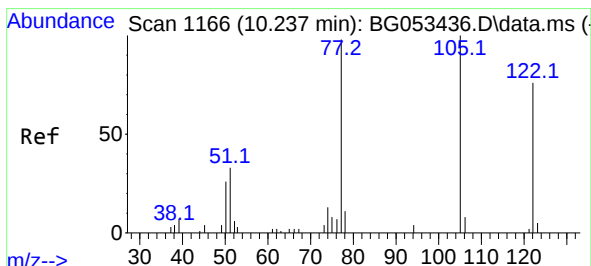
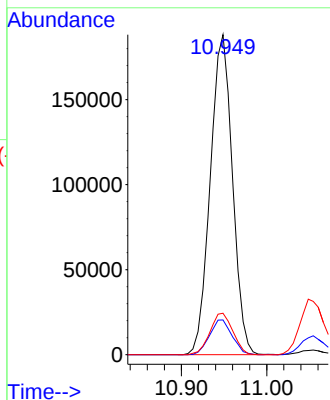
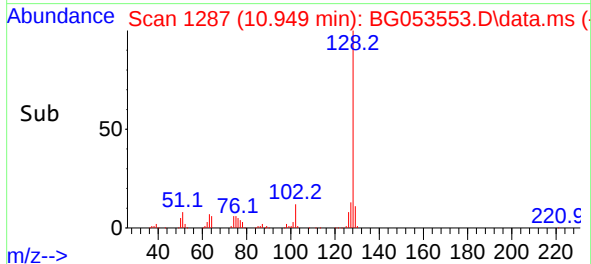
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



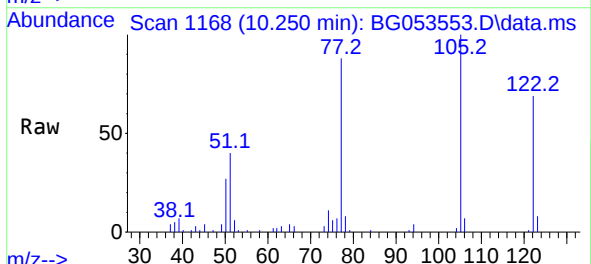
Tgt Ion:128 Resp: 339678
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.0 11.1 16.7

Manual Integrations
APPROVED

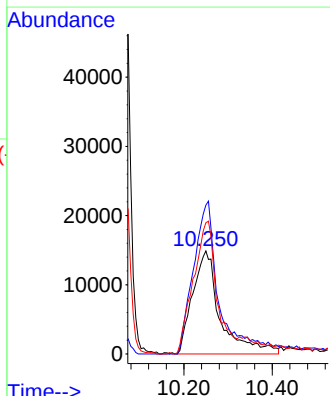
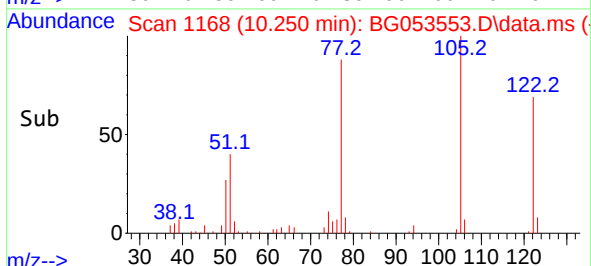
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

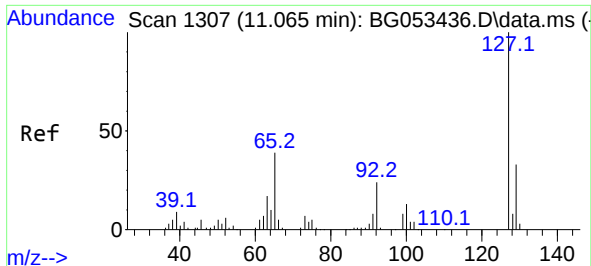


#32
Benzoic acid
Concen: 55.965 ng m
RT: 10.250 min Scan# 1168
Delta R.T. 0.010 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:122 Resp: 64917
Ion Ratio Lower Upper
122 100
105 144.2 111.8 151.8
77 127.2 109.4 149.4





#33
4-Chloroaniline
Concen: 24.536 ng
RT: 11.049 min Scan# 11049
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

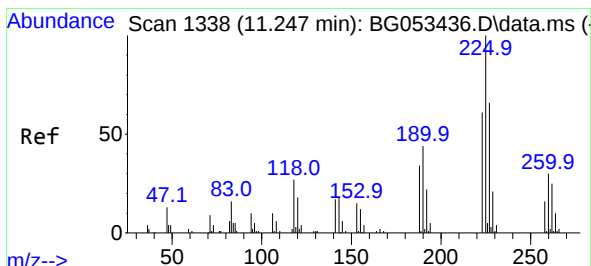
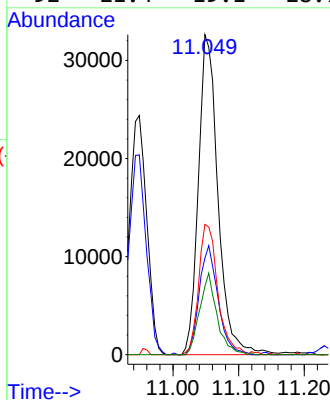
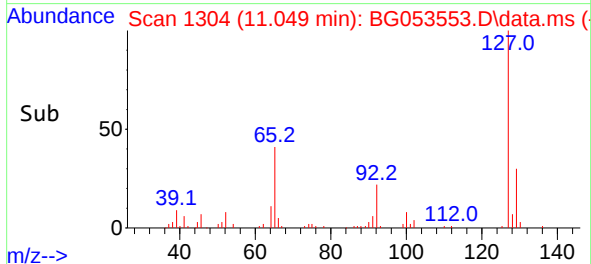
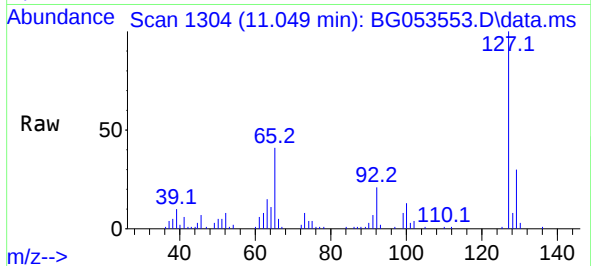
VNJ-239MS

Tgt Ion:127 Resp: 67912
Ion Ratio Lower Upper
127 100
129 30.2 26.3 39.5
65 40.7 31.1 46.7
92 21.4 19.1 28.7

Manual Integrations

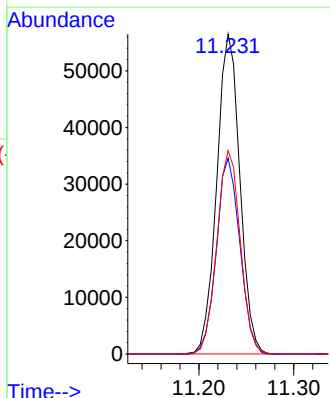
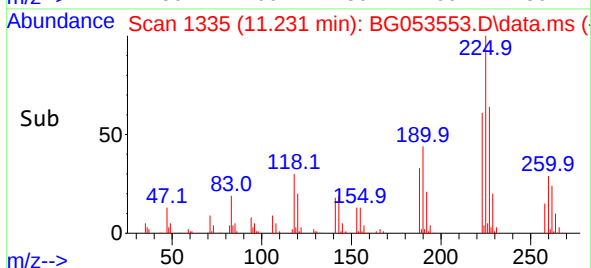
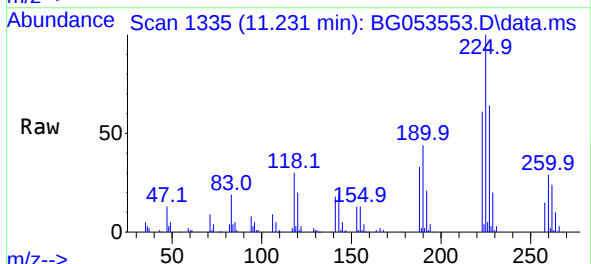
APPROVED

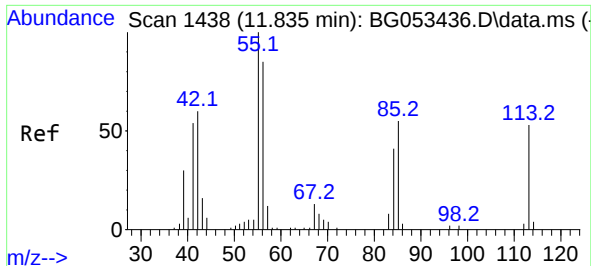
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#34
Hexachlorobutadiene
Concen: 52.317 ng
RT: 11.231 min Scan# 1335
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion:225 Resp: 95788
Ion Ratio Lower Upper
225 100
223 61.2 48.9 73.3
227 63.5 52.8 79.2





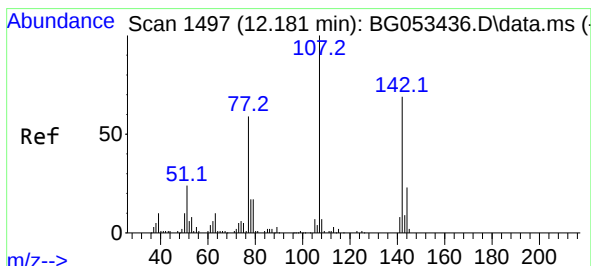
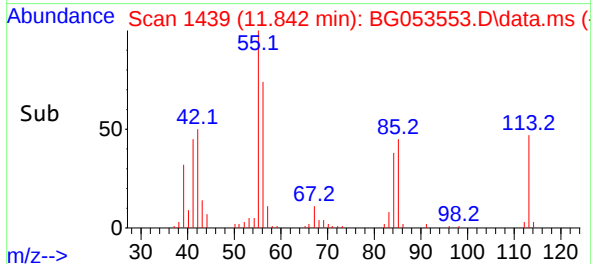
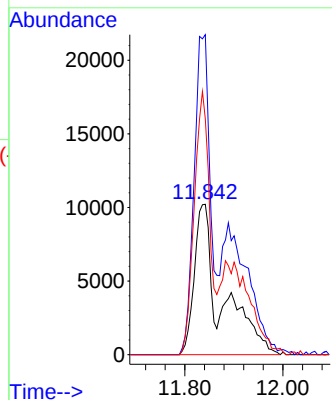
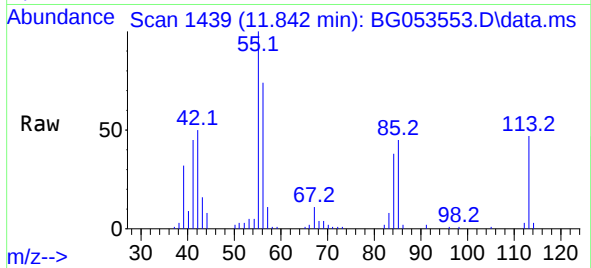
#35
Caprolactam
Concen: 49.497 ng m
RT: 11.842 min Scan# 1438
Delta R.T. 0.010 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
VNJ-239MS

Tgt Ion:113 Resp: 39089
Ion Ratio Lower Upper
113 100
55 212.8 169.8 209.8
56 156.7 141.2 181.2

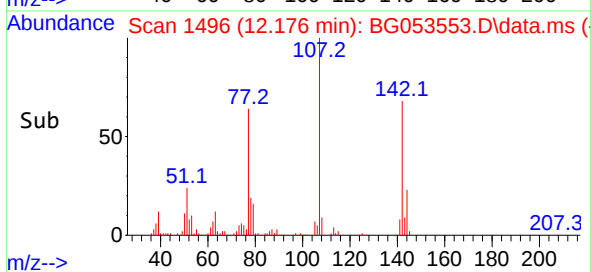
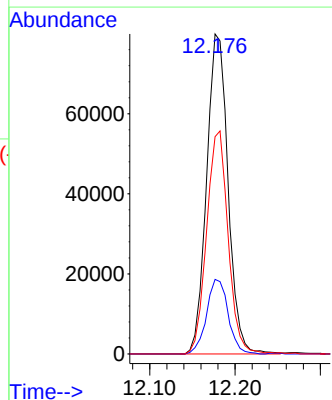
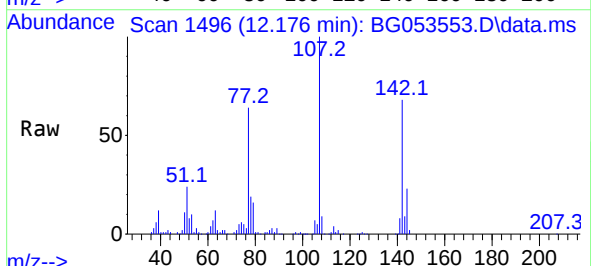
Manual Integrations
APPROVED

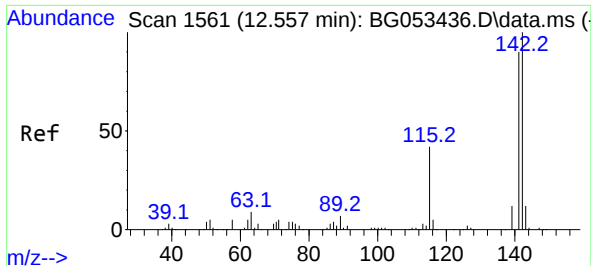
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#36
4-Chloro-3-methylphenol
Concen: 53.834 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion:107 Resp: 139941
Ion Ratio Lower Upper
107 100
144 23.3 18.5 27.7
142 67.9 55.0 82.4





#37

2-Methylnaphthalene

Concen: 49.652 ng

RT: 12.547 min Scan# 1559

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

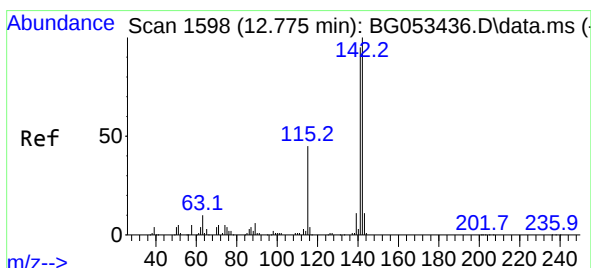
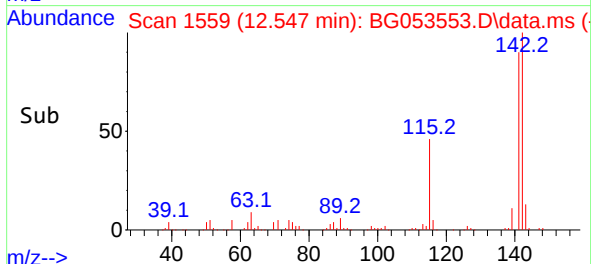
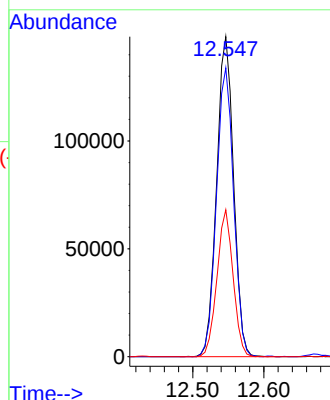
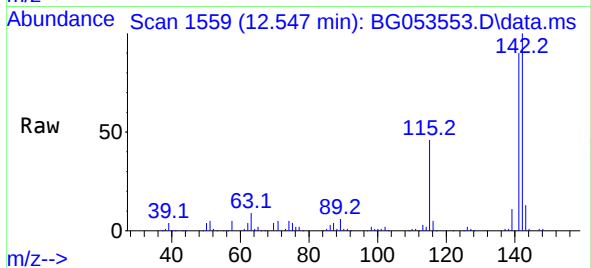
VNJ-239MS

Tgt Ion:142 Resp: 244892
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.3 108.5
 115 45.9 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: 50.105 ng

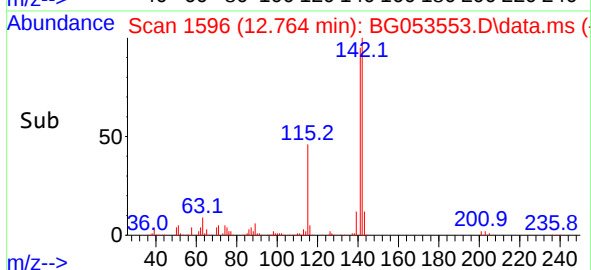
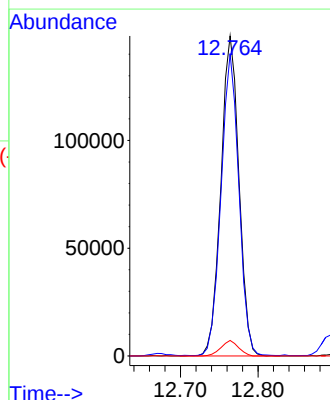
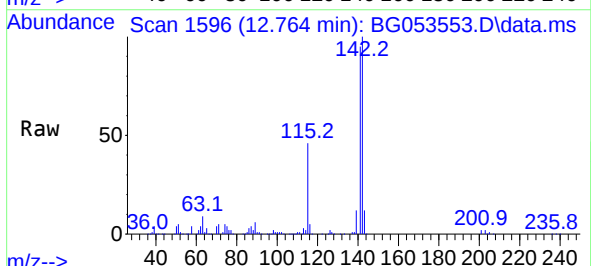
RT: 12.764 min Scan# 1596

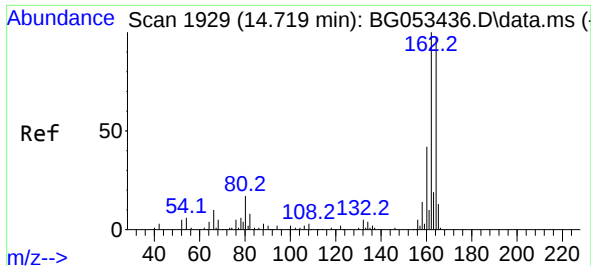
Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Tgt Ion:142 Resp: 241111
 Ion Ratio Lower Upper
 142 100
 141 94.5 76.4 114.6
 116 4.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

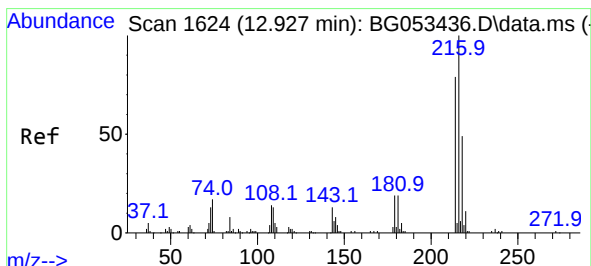
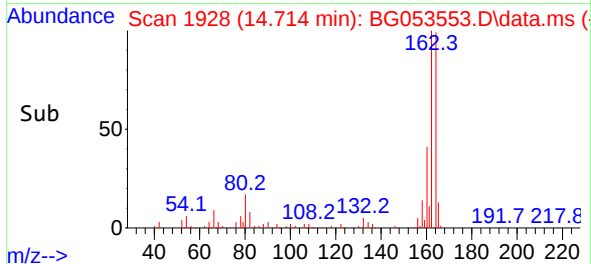
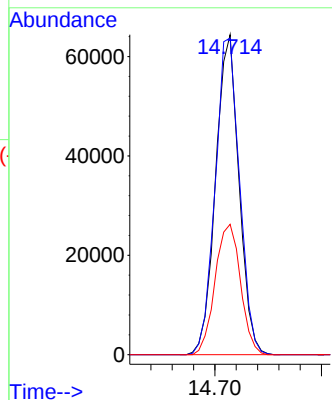
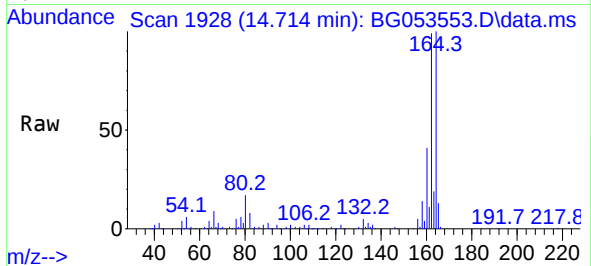
VNJ-239MS

Tgt Ion:164 Resp: 97640
Ion Ratio Lower Upper
164 100
162 98.9 82.3 123.5
160 40.7 34.2 51.2

Manual Integrations

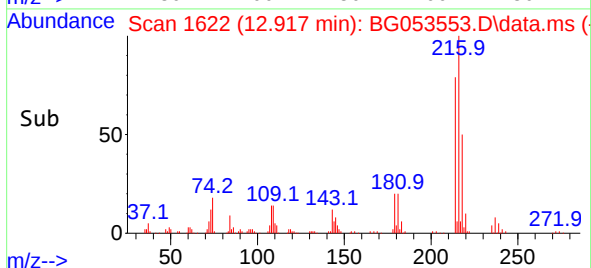
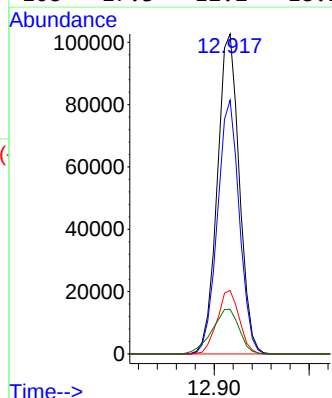
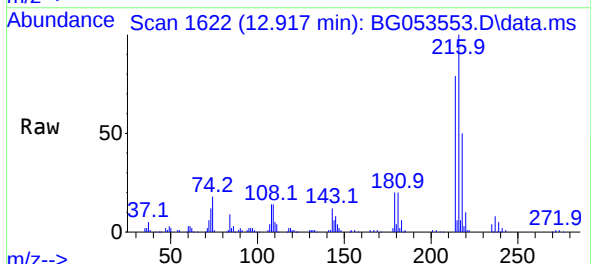
APPROVED

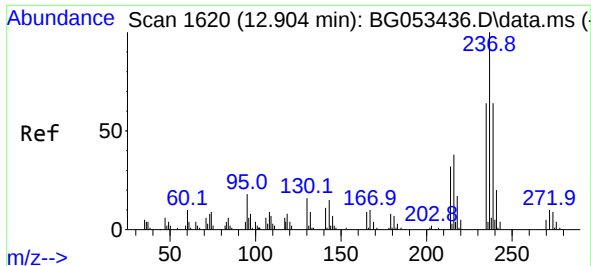
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.703 ng
RT: 12.917 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

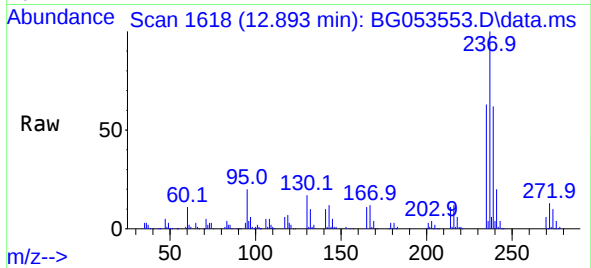
Tgt Ion:216 Resp: 165295
Ion Ratio Lower Upper
216 100
214 78.9 62.9 94.3
179 20.0 16.1 24.1
108 17.3 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 116.087 ng
RT: 12.893 min Scan# 1618
Delta R.T. -0.007 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

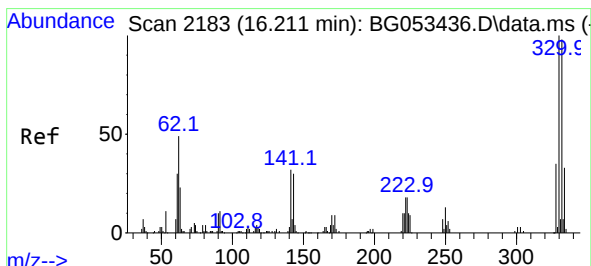
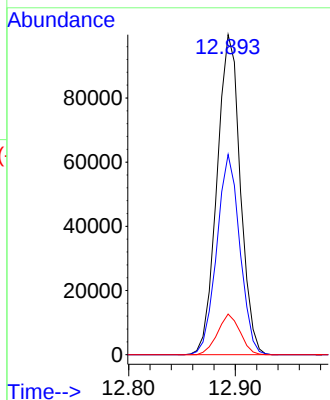
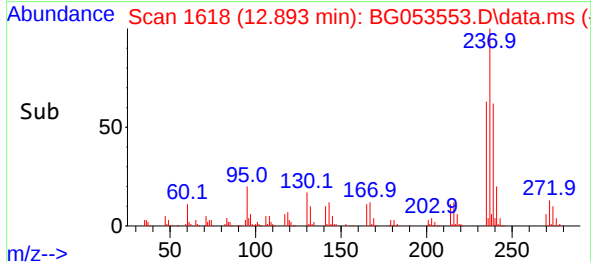
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



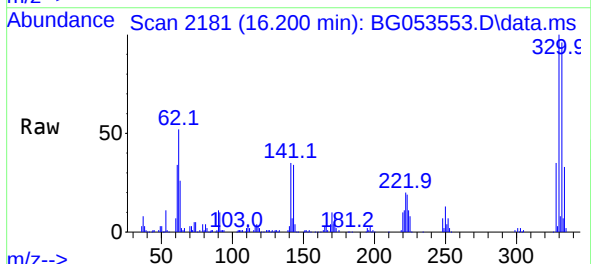
Tgt Ion:237 Resp: 151158
Ion Ratio Lower Upper
237 100
235 62.6 43.5 83.5
272 12.7 0.0 30.1

Manual Integrations
APPROVED

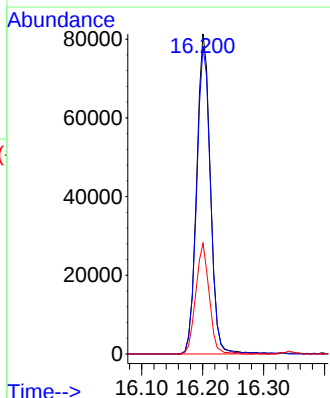
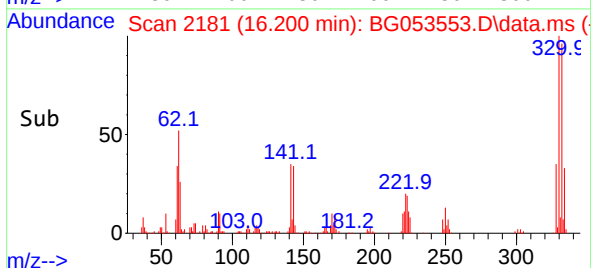
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

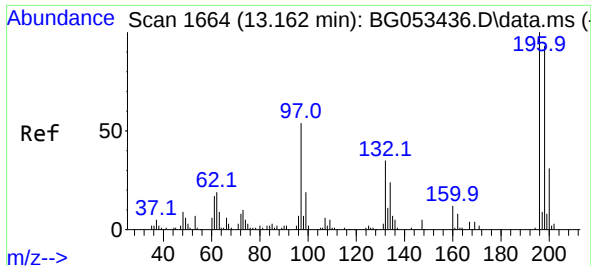


#42
2,4,6-Tribromophenol
Concen: 88.234 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



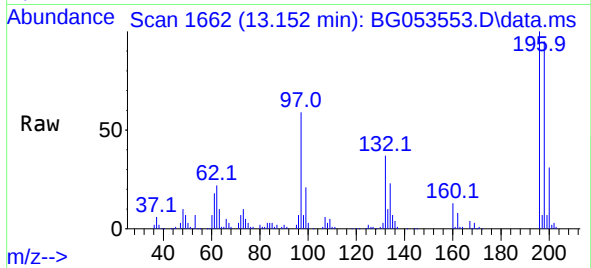
Tgt Ion:330 Resp: 127071
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 33.7 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 55.856 ng
RT: 13.152 min Scan# 1662
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

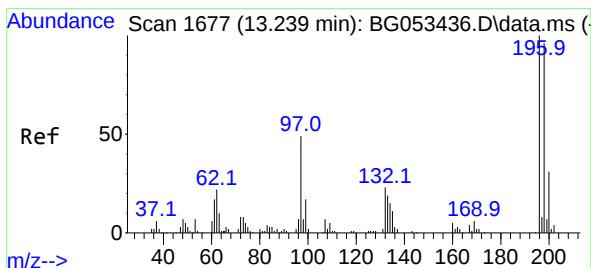
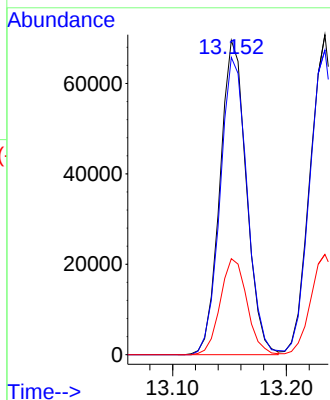
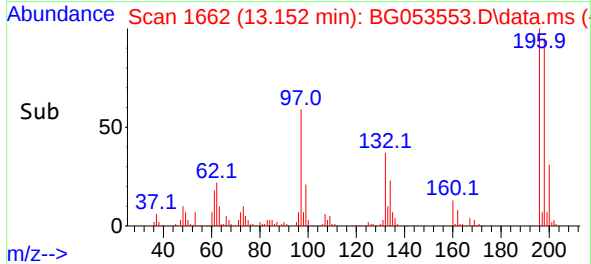
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



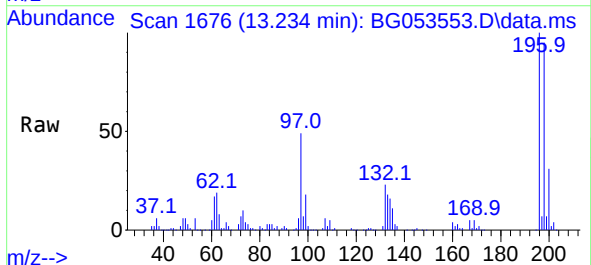
Tgt Ion:196 Resp: 11222
Ion Ratio Lower Upper
196 100
198 94.6 74.1 111.1
200 30.6 24.7 37.1

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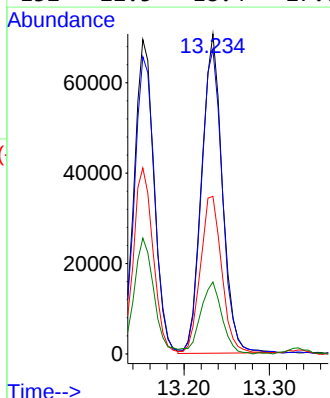
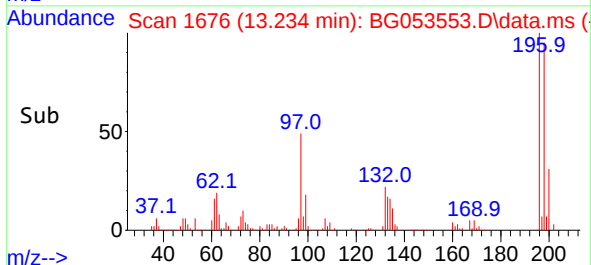
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

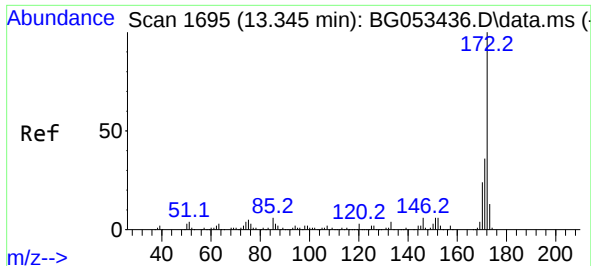


#44
2,4,5-Trichlorophenol
Concen: 55.645 ng
RT: 13.234 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



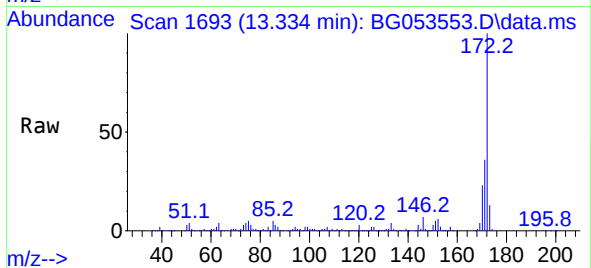
Tgt Ion:196 Resp: 118986
Ion Ratio Lower Upper
196 100
198 95.2 76.8 115.2
97 49.2 39.8 59.6
132 22.5 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 61.401 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

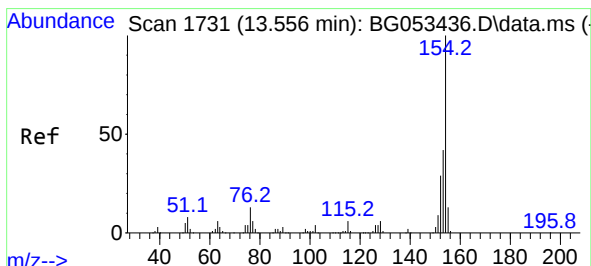
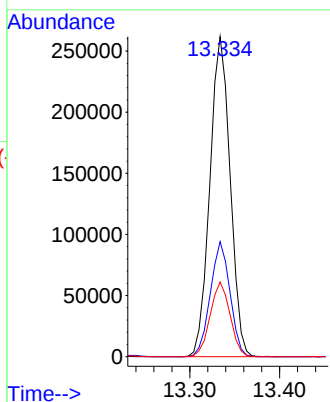
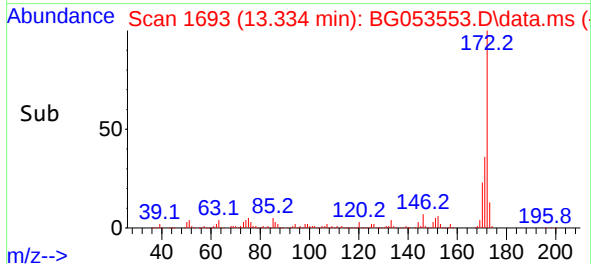
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



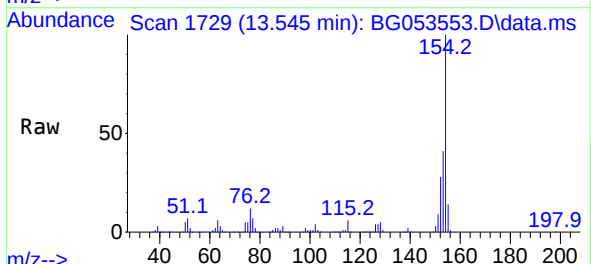
Tgt Ion:172 Resp: 41029
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.4 18.9 28.3

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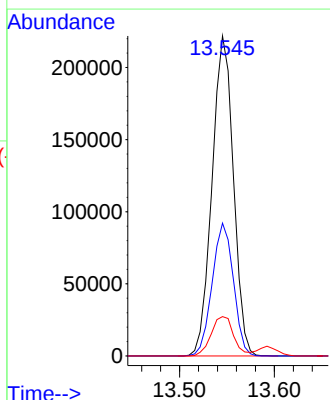
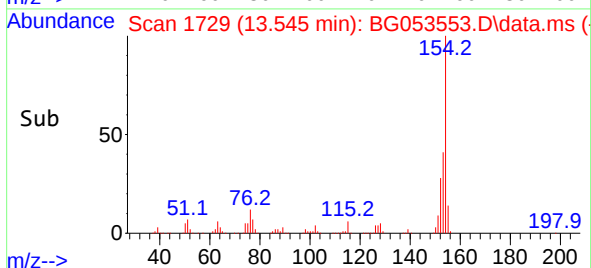
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

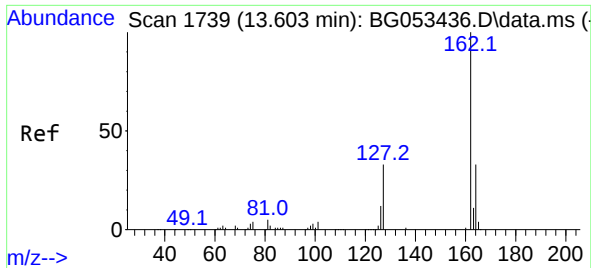


#46
1,1'-Biphenyl
Concen: 52.134 ng
RT: 13.545 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:154 Resp: 347002
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 12.3 0.0 32.6





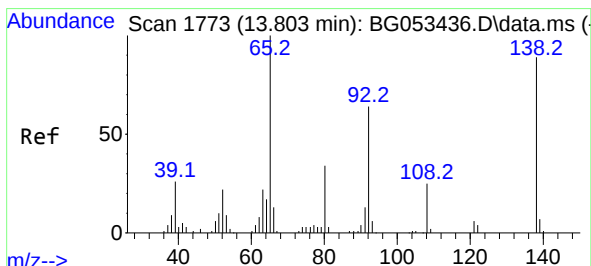
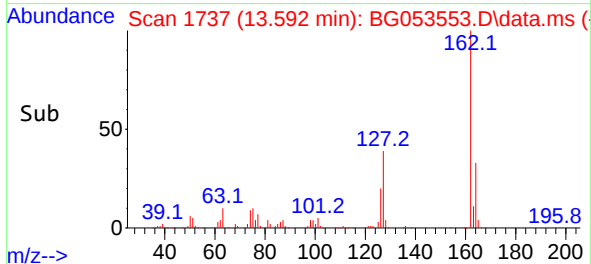
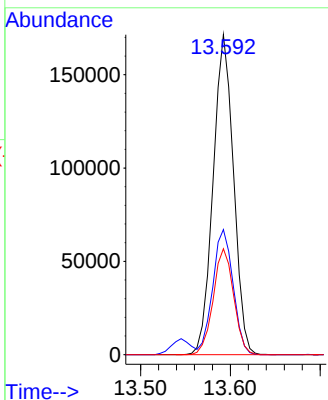
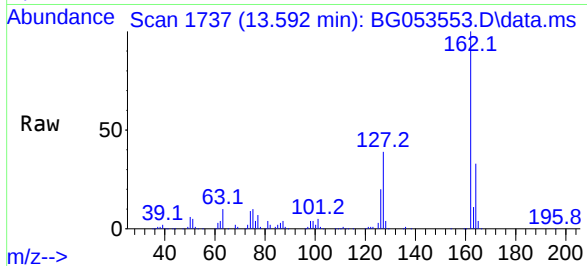
#47
2-Chloronaphthalene
Concen: 51.886 ng
RT: 13.592 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
VNJ-239MS

Tgt Ion:162 Resp: 27057
Ion Ratio Lower Upper
162 100
127 39.1 30.6 45.8
164 33.1 26.5 39.7

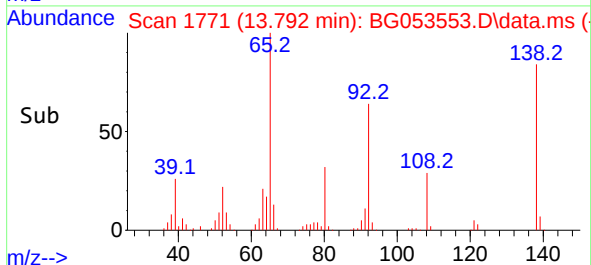
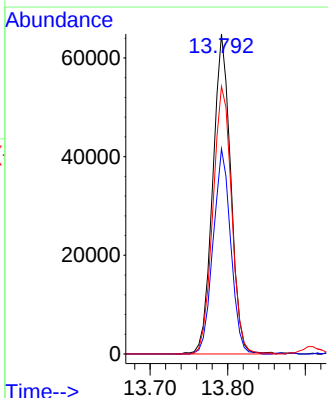
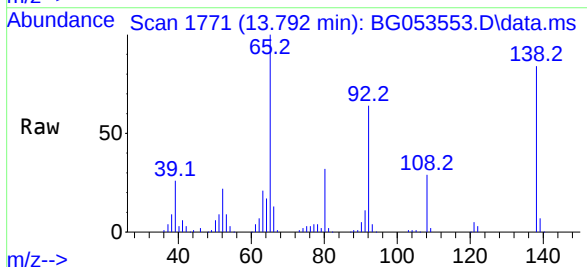
Manual Integrations
APPROVED

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



#48
2-Nitroaniline
Concen: 53.786 ng
RT: 13.792 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

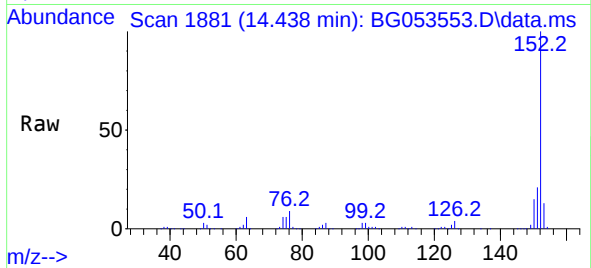
Tgt Ion: 65 Resp: 104512
Ion Ratio Lower Upper
65 100
92 64.1 51.5 77.3
138 83.6 71.3 106.9





#49
Acenaphthylene
Concen: 54.272 ng
RT: 14.438 min Scan# 1882
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

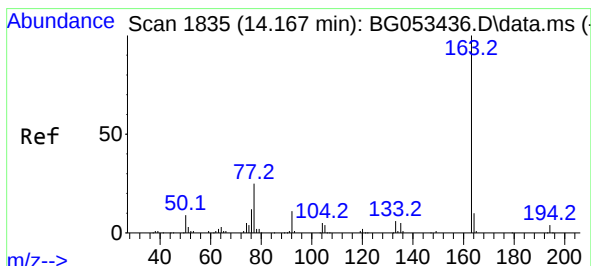
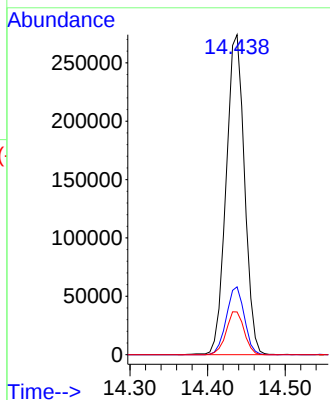
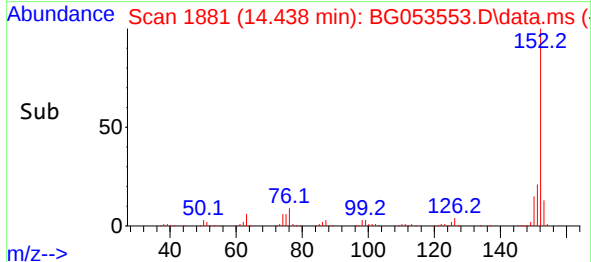
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



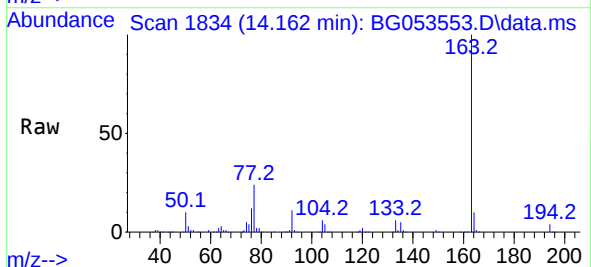
Tgt Ion:152 Resp: 45162
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 13.3 10.8 16.2

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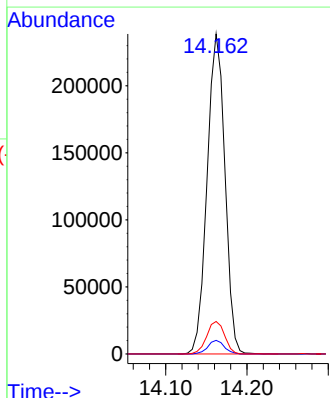
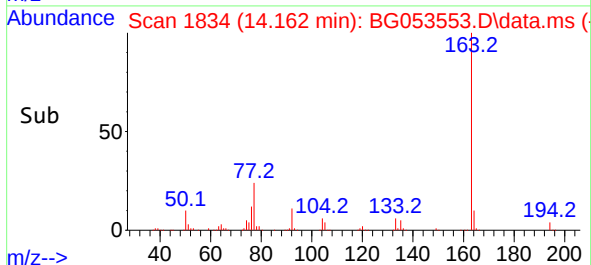
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

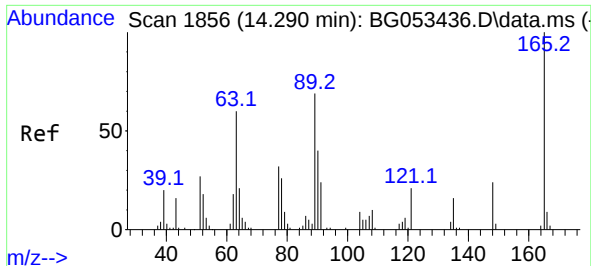


#50
Dimethylphthalate
Concen: 48.840 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



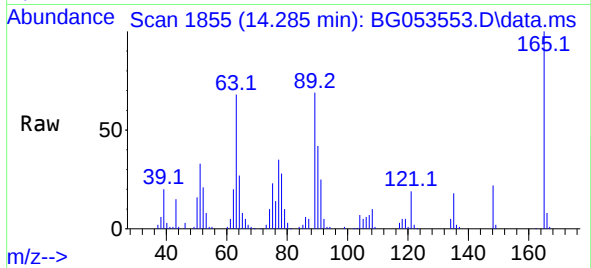
Tgt Ion:163 Resp: 362403
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 51.551 ng
RT: 14.285 min Scan# 1855
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

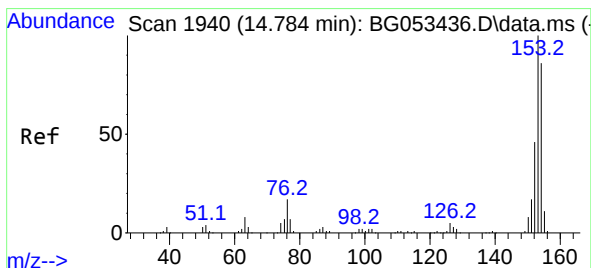
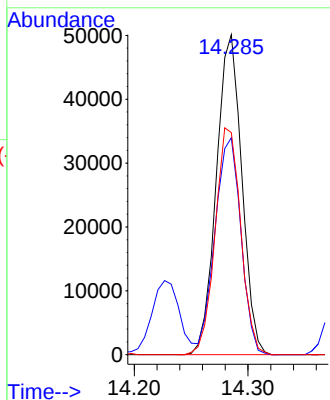
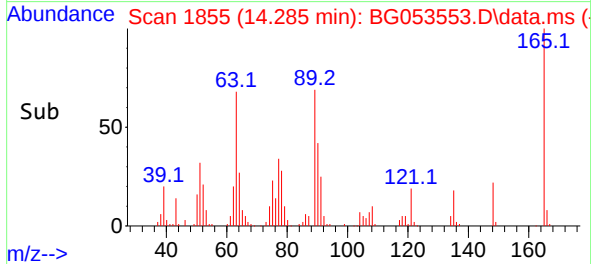
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



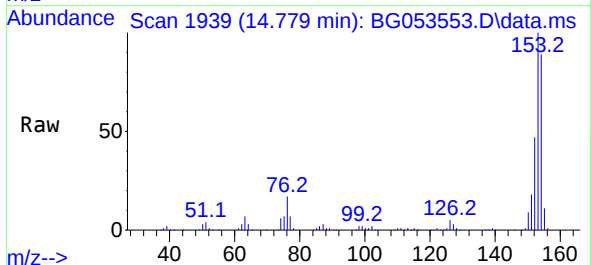
Tgt Ion:165 Resp: 7793
Ion Ratio Lower Upper
165 100
63 67.8 54.1 81.1
89 69.4 54.8 82.2

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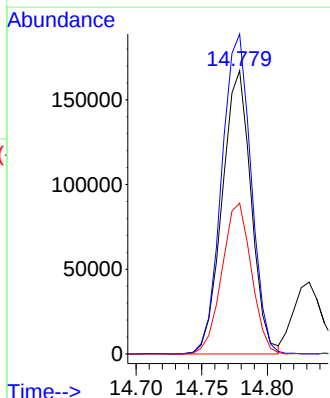
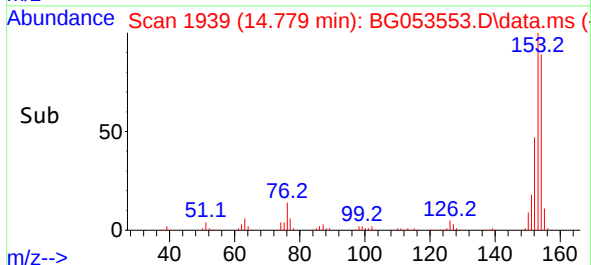
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

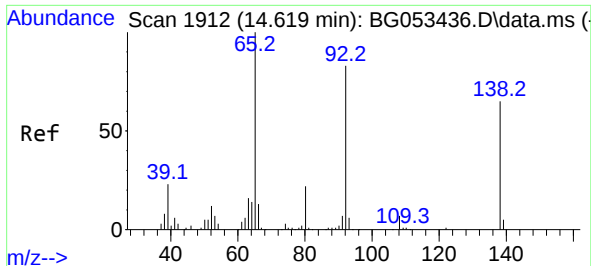


#52
Acenaphthene
Concen: 51.805 ng
RT: 14.779 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:154 Resp: 256905
Ion Ratio Lower Upper
154 100
153 113.0 92.7 139.1
152 53.3 42.6 64.0





#53
3-Nitroaniline
Concen: 34.915 ng
RT: 14.614 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

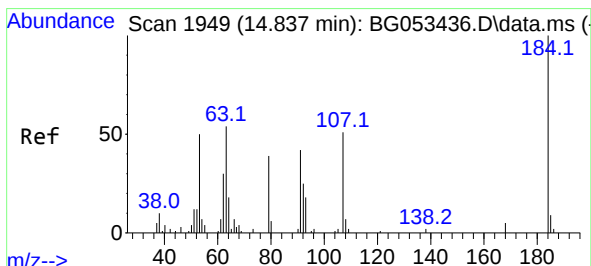
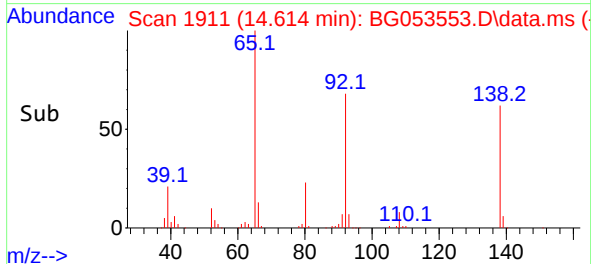
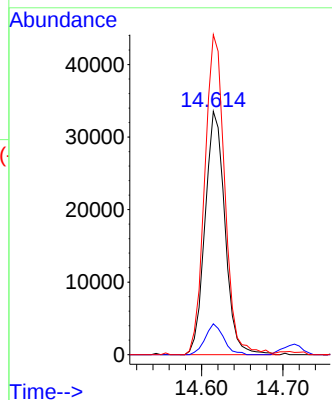
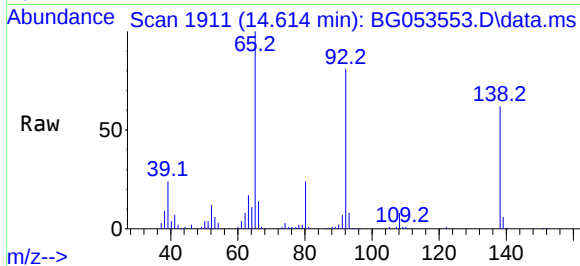
VNJ-239MS

Tgt Ion:138 Resp: 57030
Ion Ratio Lower Upper
138 100
108 12.7 9.2 13.8
92 131.5 101.9 152.9

Manual Integrations

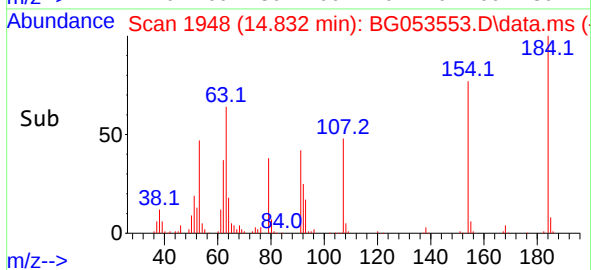
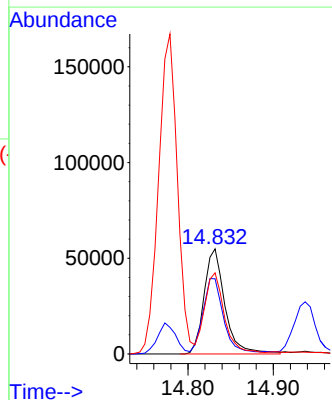
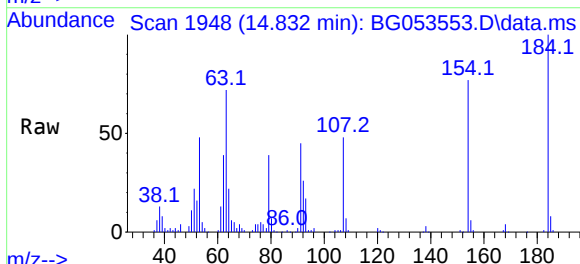
APPROVED

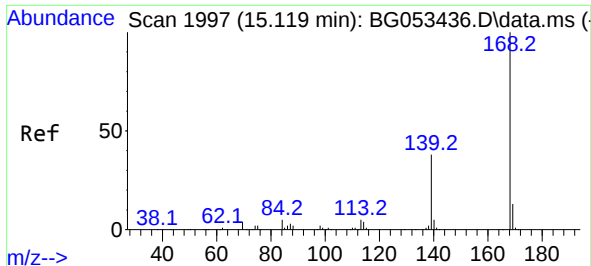
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#54
2,4-Dinitrophenol
Concen: 95.980 ng
RT: 14.832 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

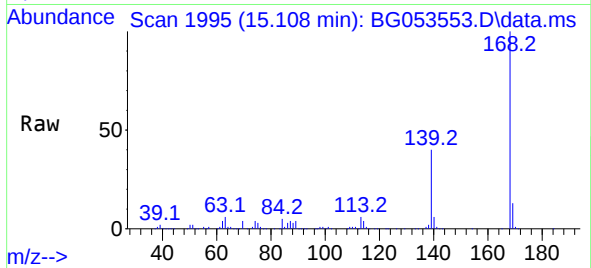
Tgt Ion:184 Resp: 93401
Ion Ratio Lower Upper
184 100
63 71.6 61.1 91.7
154 77.1 60.6 91.0





#55
Dibenzenofuran
Concen: 49.278 ng
RT: 15.108 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

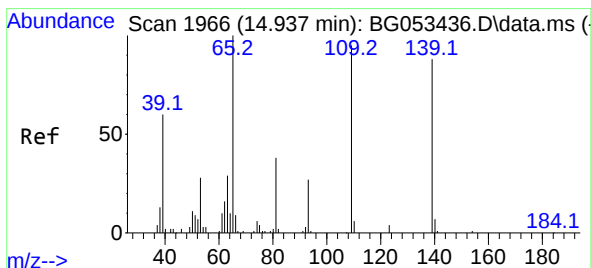
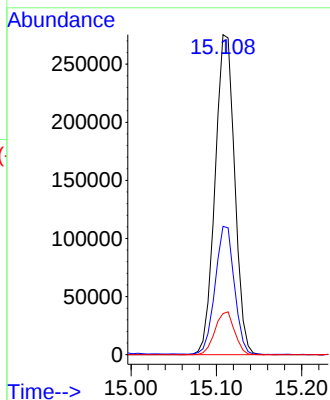
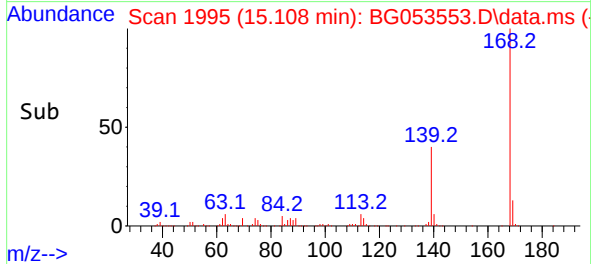
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



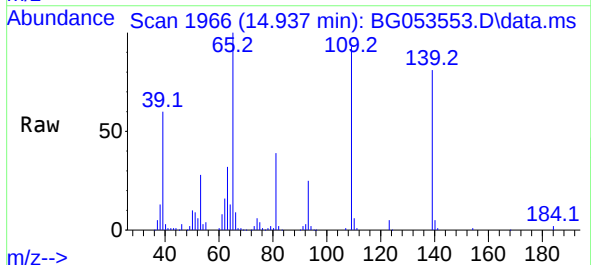
Tgt Ion:168 Resp: 438950
Ion Ratio Lower Upper
168 100
139 40.1 30.5 45.7
169 12.8 10.3 15.5

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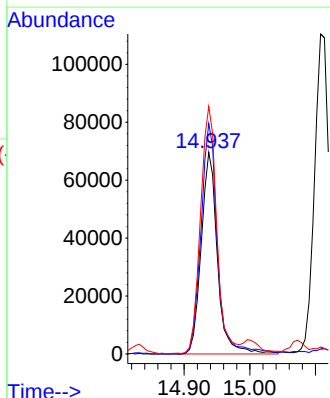
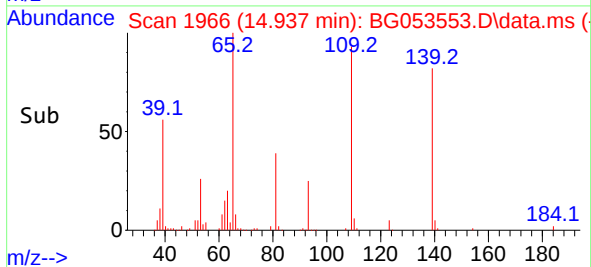
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

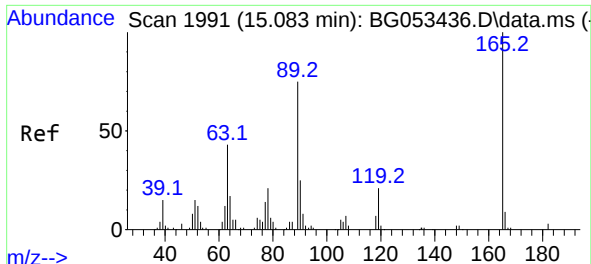


#56
4-Nitrophenol
Concen: 102.891 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:139 Resp: 120039
Ion Ratio Lower Upper
139 100
109 114.3 88.5 128.5
65 122.8 93.9 133.9





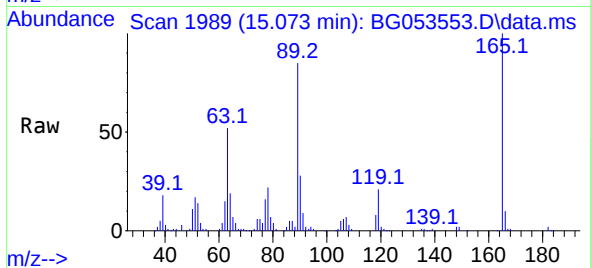
#57
2,4-Dinitrotoluene
Concen: 50.778 ng
RT: 15.073 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

VNJ-239MS

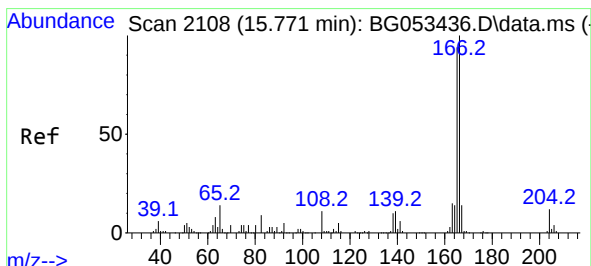
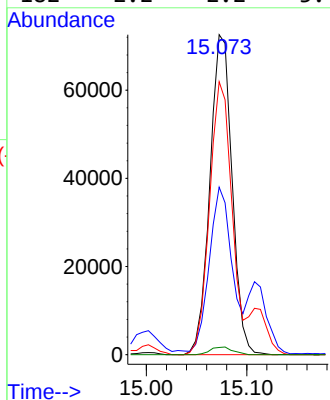
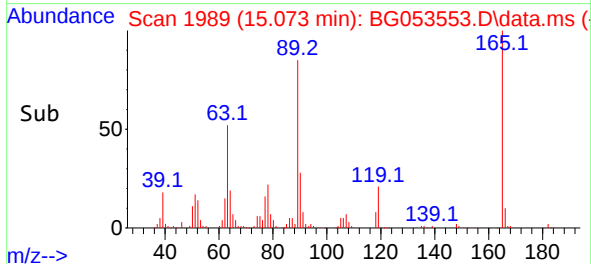


Tgt Ion:165 Resp: 111268
Ion Ratio Lower Upper
165 100
63 52.3 34.6 52.0
89 85.3 60.3 90.5
182 2.2 2.2 3.4

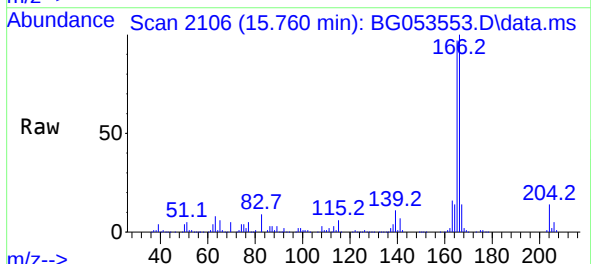
Manual Integrations

APPROVED

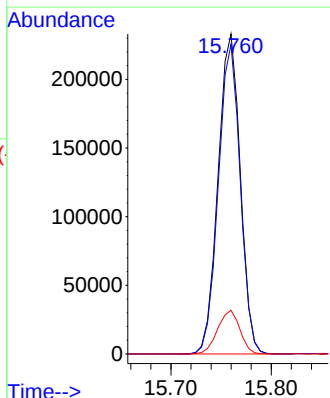
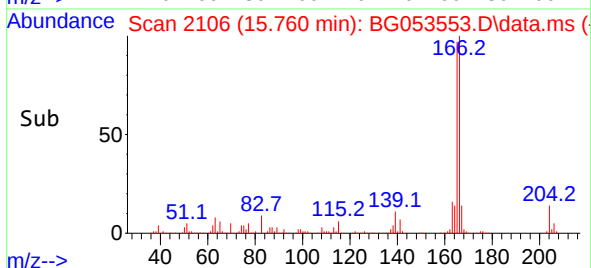
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#58
Fluorene
Concen: 49.941 ng
RT: 15.760 min Scan# 2106
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



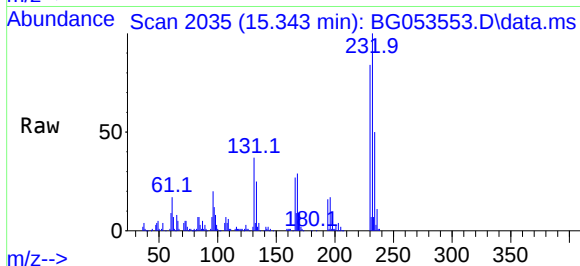
Tgt Ion:166 Resp: 356987
Ion Ratio Lower Upper
166 100
165 96.7 75.0 112.6
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.020 ng
RT: 15.343 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

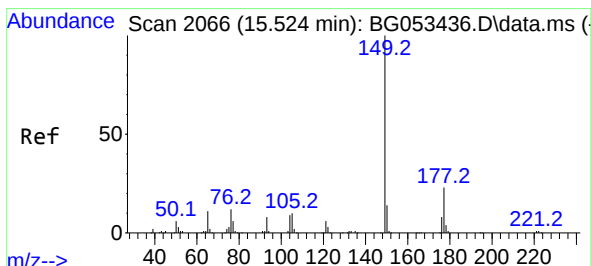
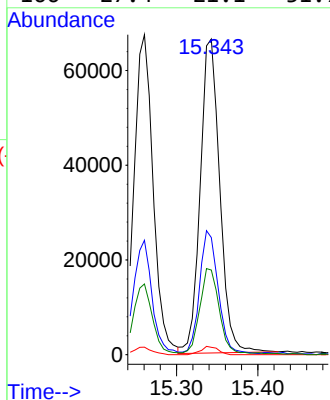
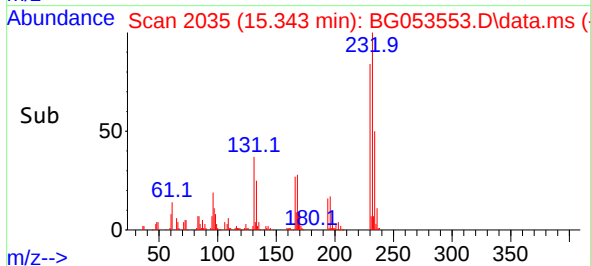
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



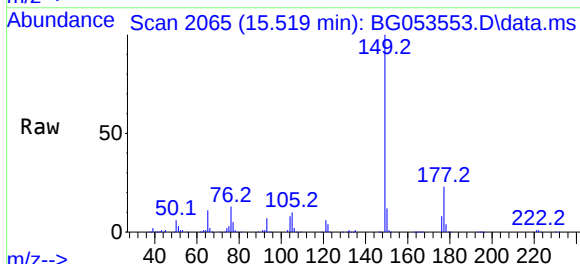
Tgt Ion:232 Resp: 110691
Ion Ratio Lower Upper
232 100
131 37.3 30.6 46.0
130 2.3 1.8 2.8
166 27.4 21.1 31.7

Manual Integrations
APPROVED

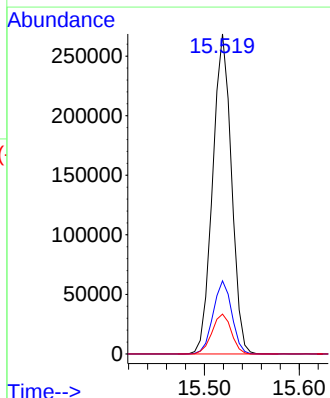
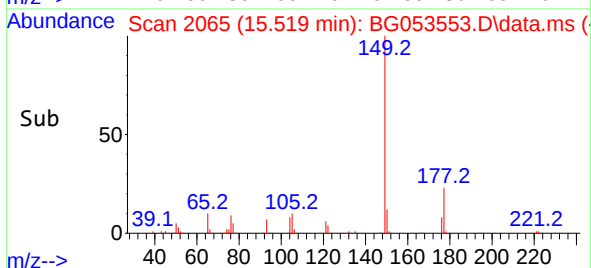
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

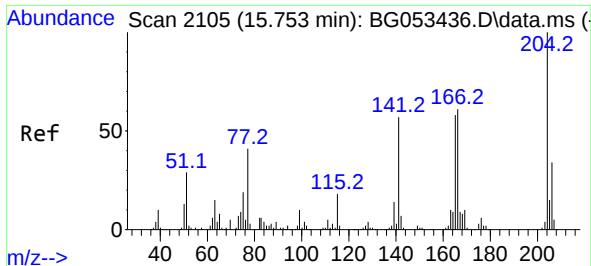


#60
Diethylphthalate
Concen: 48.331 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:149 Resp: 370451
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 49.495 ng
RT: 15.742 min Scan# 2105
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

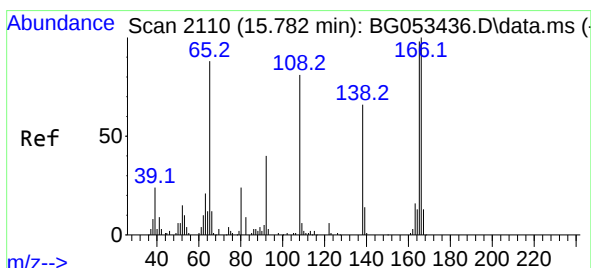
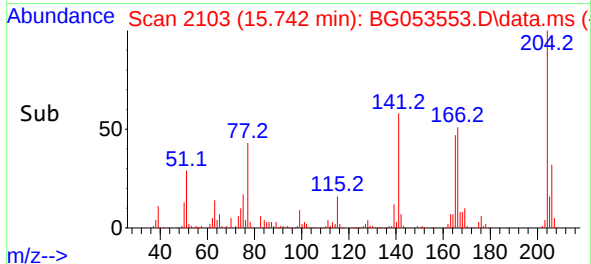
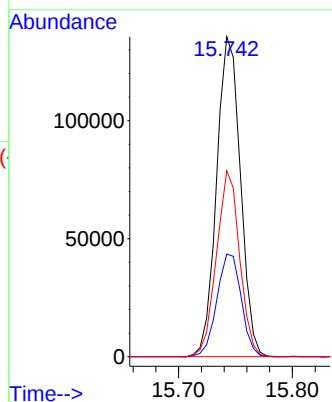
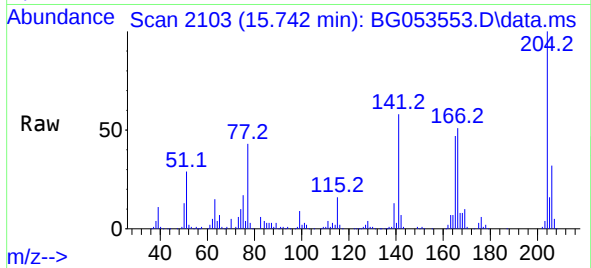
VNJ-239MS

Tgt Ion:204 Resp: 19742
Ion Ratio Lower Upper
204 100
206 32.1 27.5 41.3
141 58.1 45.3 67.9

Manual Integrations

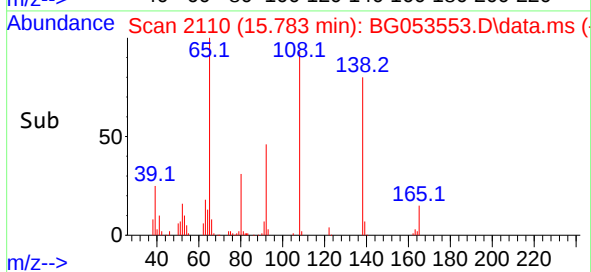
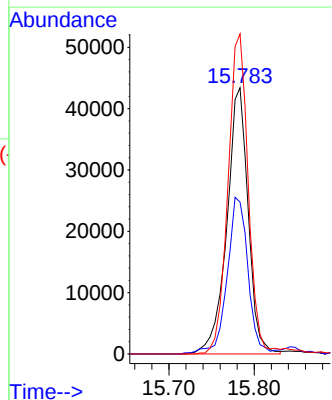
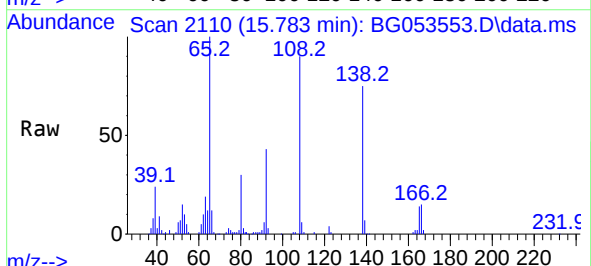
APPROVED

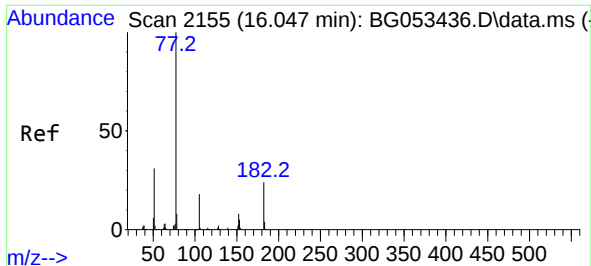
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#62
4-Nitroaniline
Concen: 44.413 ng
RT: 15.783 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

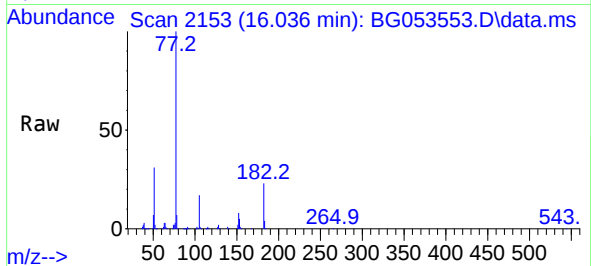
Tgt Ion:138 Resp: 75243
Ion Ratio Lower Upper
138 100
92 57.0 40.5 80.5
108 120.2 103.7 143.7





#63
Azobenzene
Concen: 48.431 ng
RT: 16.036 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

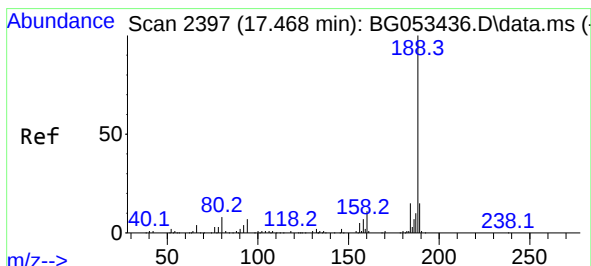
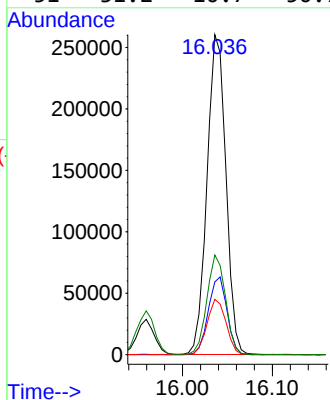
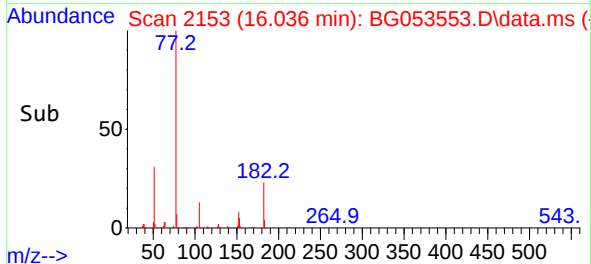
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



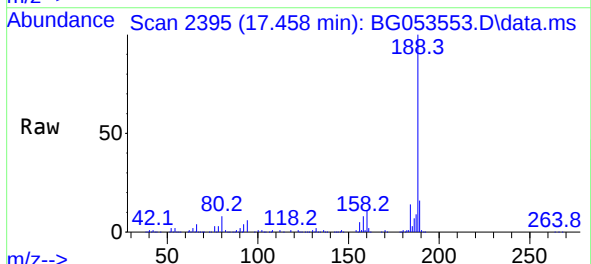
Tgt Ion: 77 Resp: 380128
Ion Ratio Lower Upper
77 100
182 22.8 3.8 43.8
105 17.3 0.0 37.8
51 31.2 10.7 50.7

Manual Integrations
APPROVED

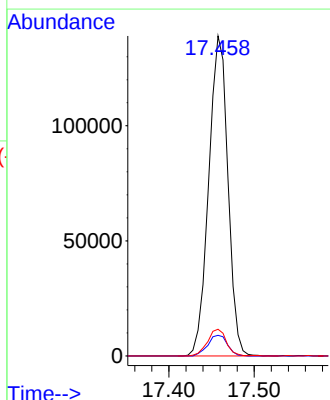
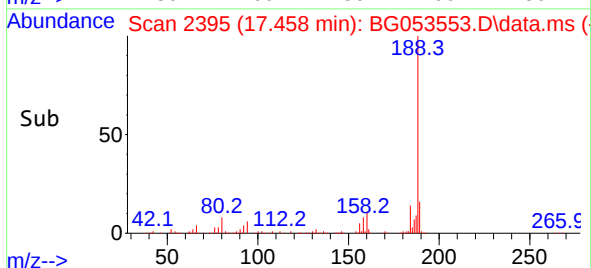
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

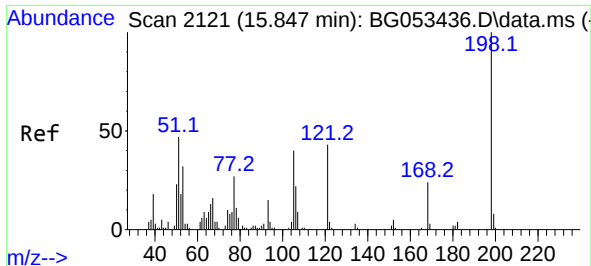


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.458 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:188 Resp: 217200
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 8.4 6.8 10.2





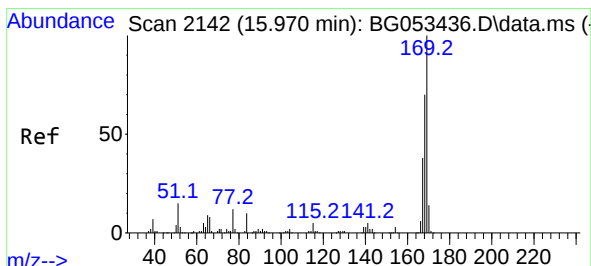
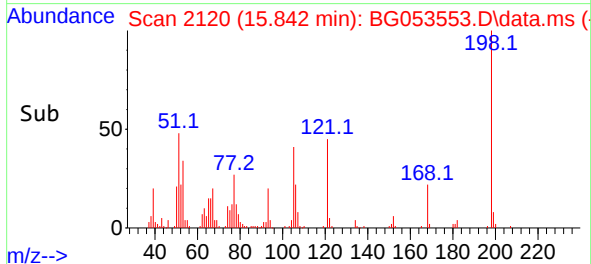
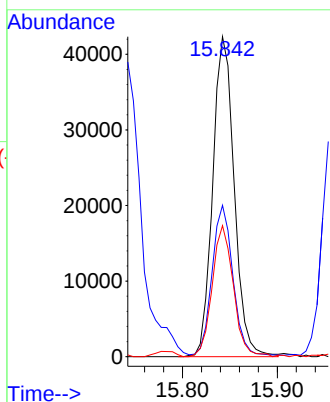
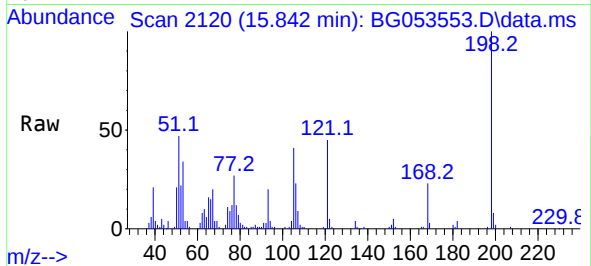
#65
4,6-Dinitro-2-methylphenol
Concen: 51.576 ng
RT: 15.842 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
VNJ-239MS

Tgt Ion:198 Resp: 66752
Ion Ratio Lower Upper
198 100
51 47.3 28.1 68.1
105 40.9 20.3 60.3

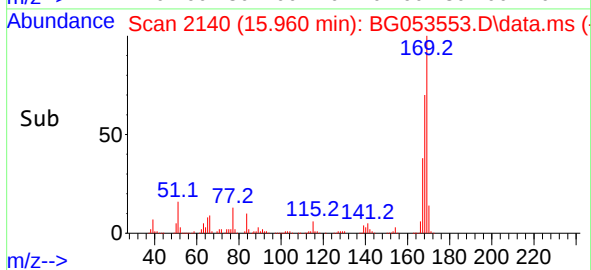
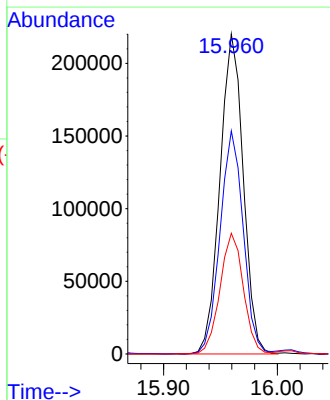
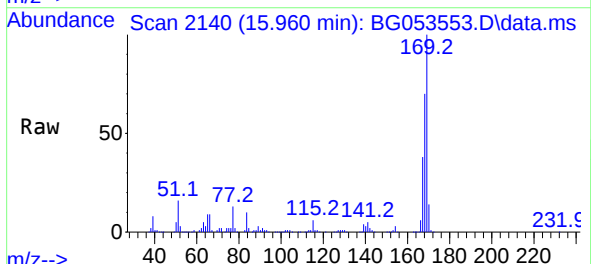
Manual Integrations
APPROVED

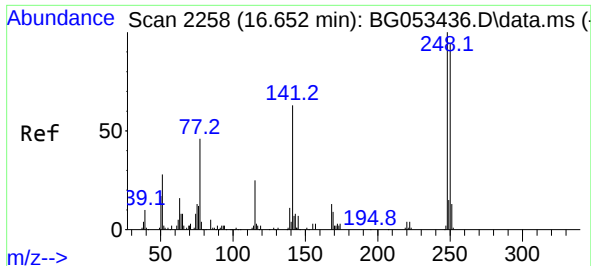
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#66
n-Nitrosodiphenylamine
Concen: 54.960 ng
RT: 15.960 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion:169 Resp: 313416
Ion Ratio Lower Upper
169 100
168 69.7 55.9 83.9
167 37.7 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 55.464 ng
RT: 16.641 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

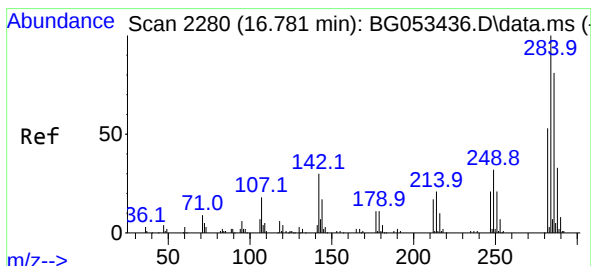
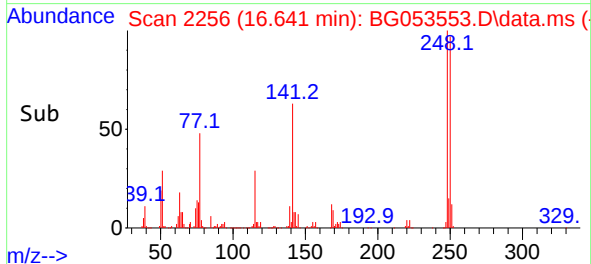
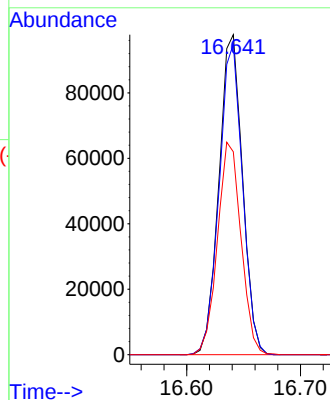
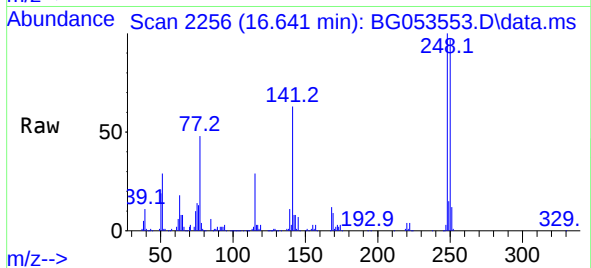
VNJ-239MS

Tgt Ion:248 Resp: 140692
Ion Ratio Lower Upper
248 100
250 97.1 75.2 112.8
141 63.4 50.0 75.0

Manual Integrations

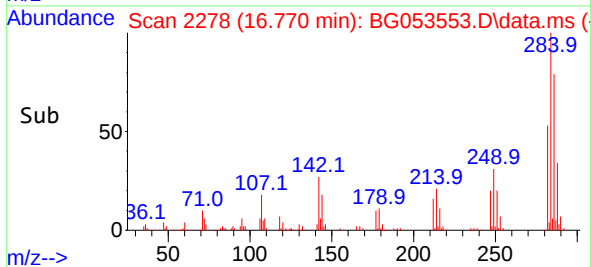
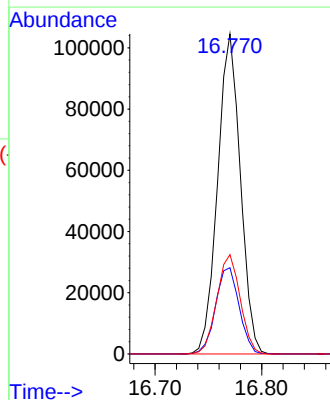
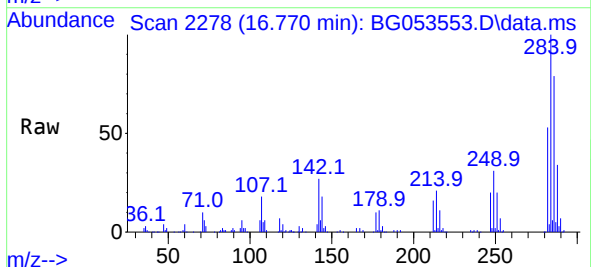
APPROVED

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



#68
Hexachlorobenzene
Concen: 55.679 ng
RT: 16.770 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion:284 Resp: 154681
Ion Ratio Lower Upper
284 100
142 27.0 23.6 35.4
249 31.0 25.8 38.6





#69
Atrazine
Concen: 54.127 ng
RT: 16.905 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

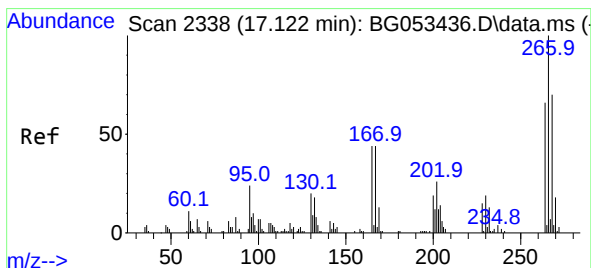
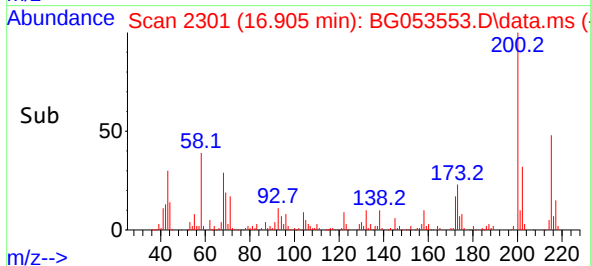
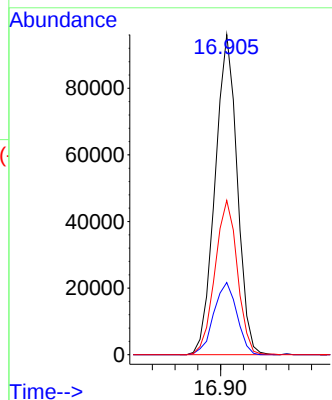
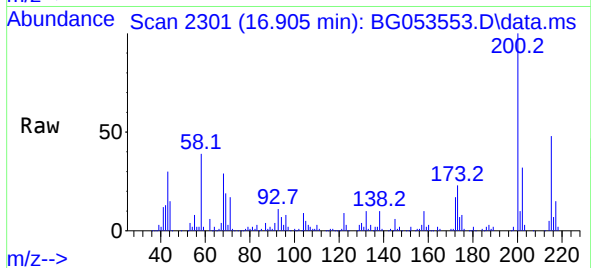
VNJ-239MS

Tgt Ion:200 Resp: 12994
Ion Ratio Lower Upper
200 100
173 22.6 3.7 43.7
215 48.2 25.2 65.2

Manual Integrations

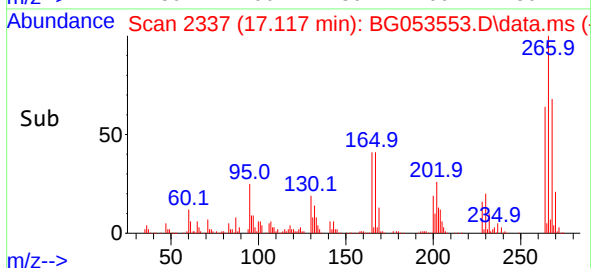
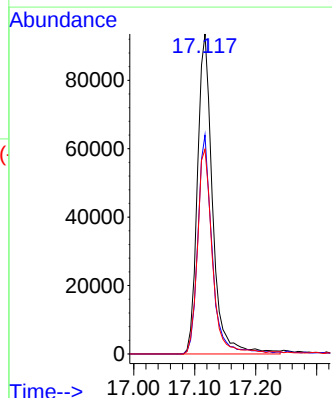
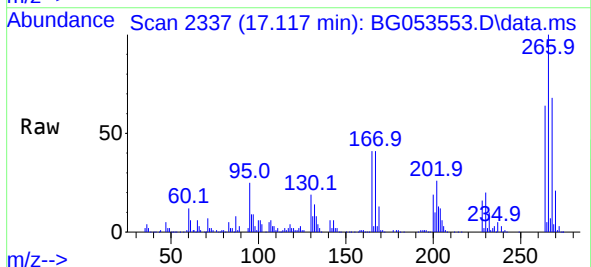
APPROVED

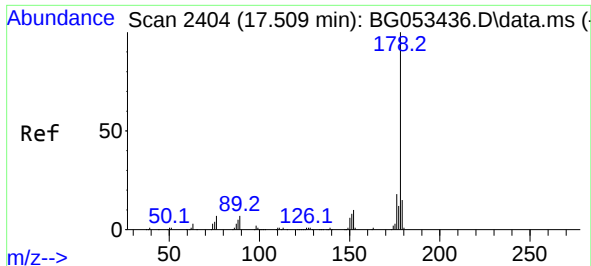
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#70
Pentachlorophenol
Concen: 106.273 ng
RT: 17.117 min Scan# 2337
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

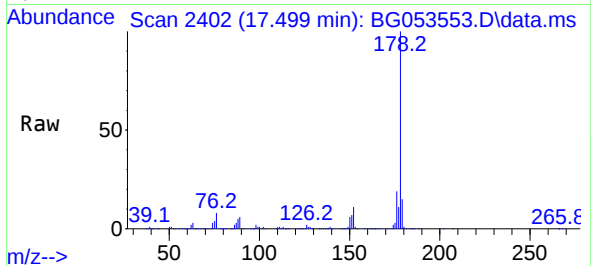
Tgt Ion:266 Resp: 161420
Ion Ratio Lower Upper
266 100
268 68.4 56.2 84.2
264 63.9 53.0 79.4





#71
Phenanthrene
Concen: 53.468 ng
RT: 17.499 min Scan# 2404
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

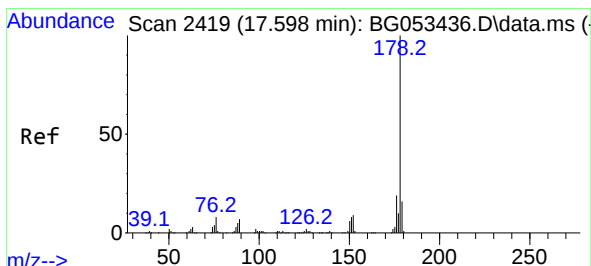
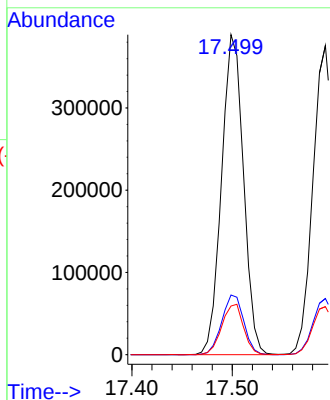
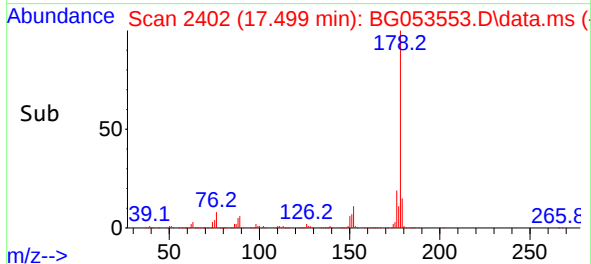
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



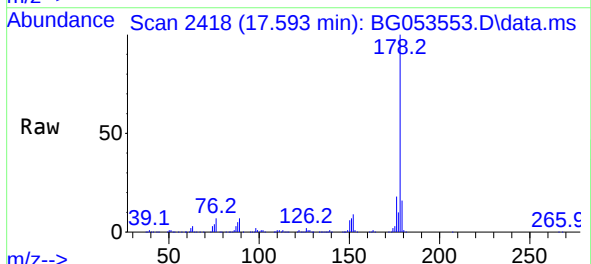
Tgt Ion:178 Resp: 590508
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 15.2 12.1 18.1

Manual Integrations
APPROVED

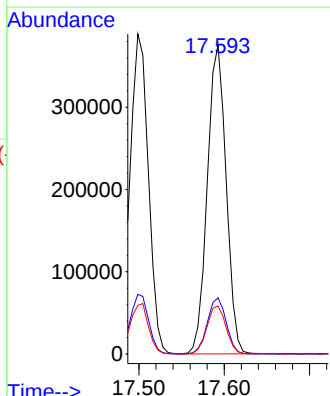
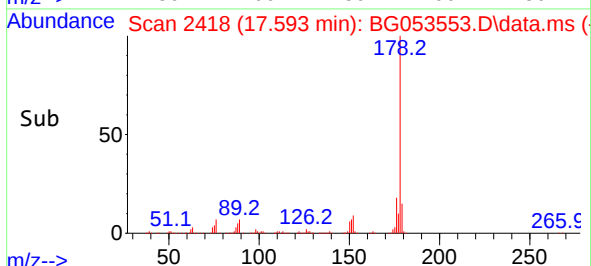
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

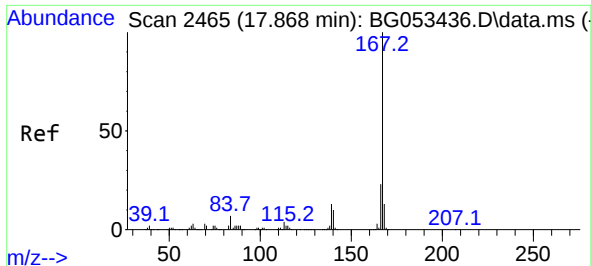


#72
Anthracene
Concen: 52.958 ng
RT: 17.593 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



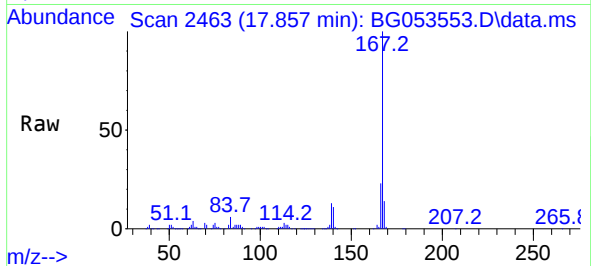
Tgt Ion:178 Resp: 574883
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 15.5 13.0 19.4





#73
Carbazole
Concen: 48.189 ng
RT: 17.857 min Scan# 2463
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

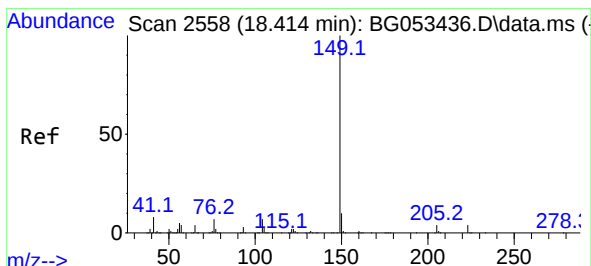
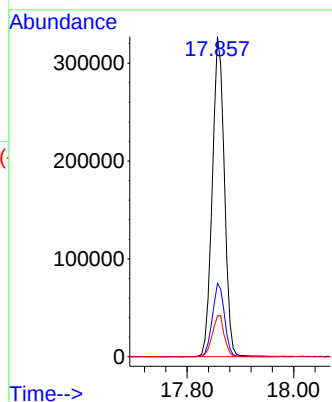
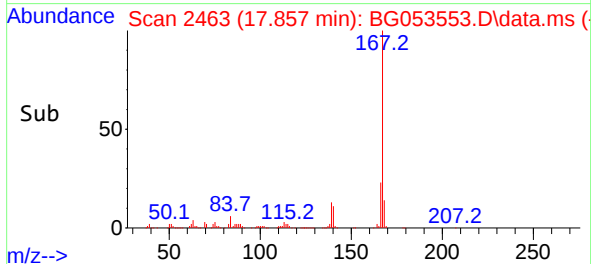
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



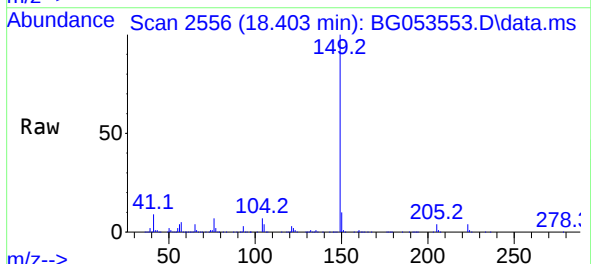
Tgt Ion:167 Resp: 512680
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 12.7 10.1 15.1

Manual Integrations
APPROVED

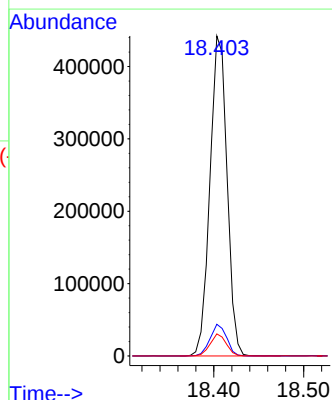
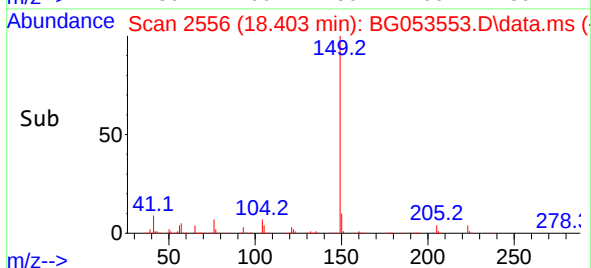
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

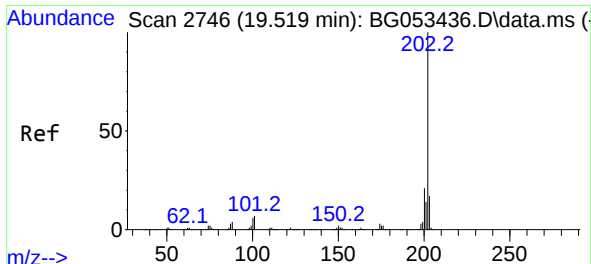


#74
Di-n-butylphthalate
Concen: 48.853 ng
RT: 18.403 min Scan# 2556
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



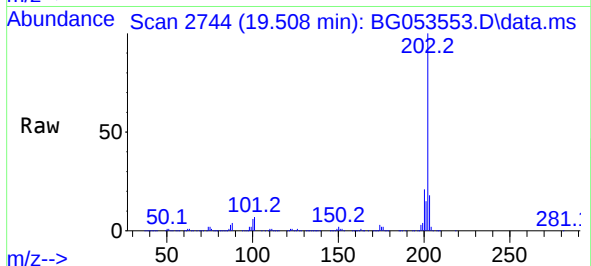
Tgt Ion:149 Resp: 584541
Ion Ratio Lower Upper
149 100
150 9.9 7.7 11.5
104 6.9 5.4 8.0





#75
Fluoranthene
Concen: 50.294 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

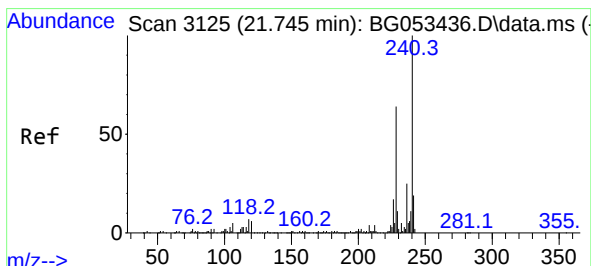
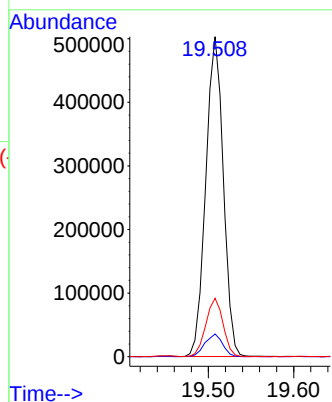
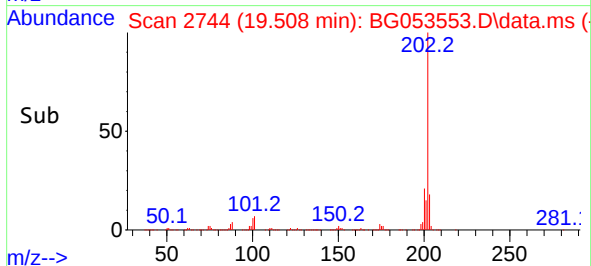
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



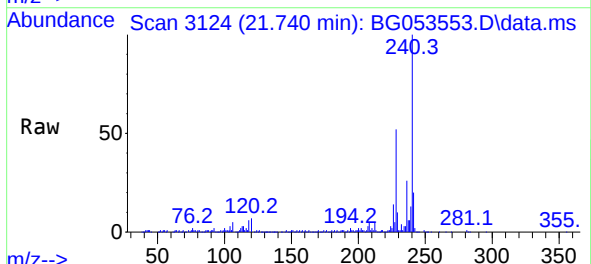
Tgt Ion:202 Resp: 719215
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 18.3 0.0 37.2

Manual Integrations
APPROVED

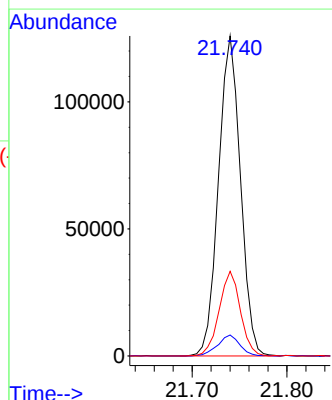
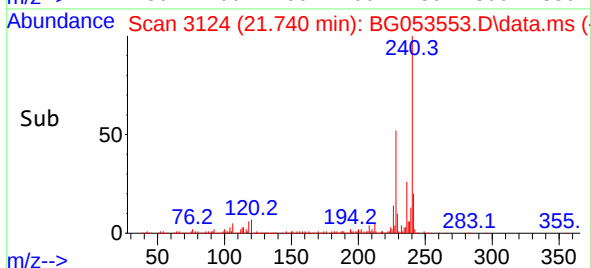
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

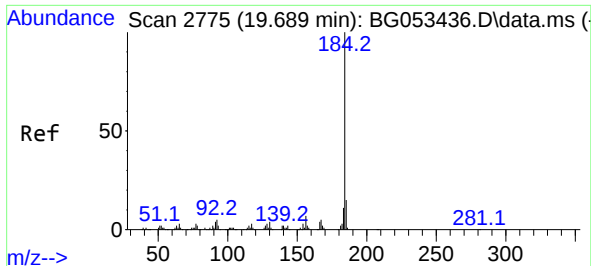


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



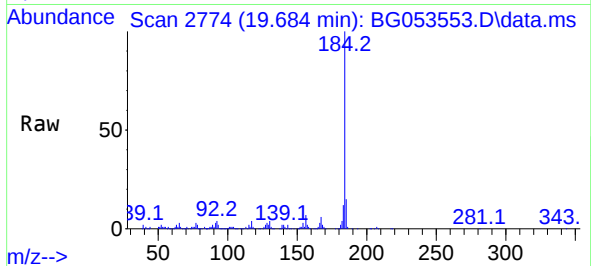
Tgt Ion:240 Resp: 202761
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 26.4 20.2 30.4





#77
Benzidine
Concen: 49.606 ng
RT: 19.684 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

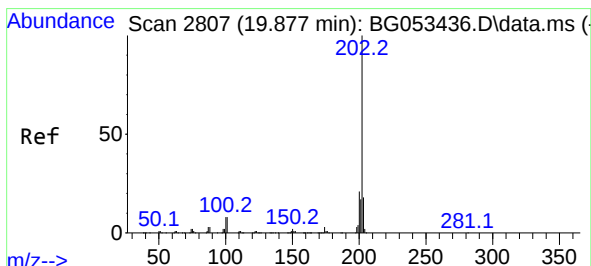
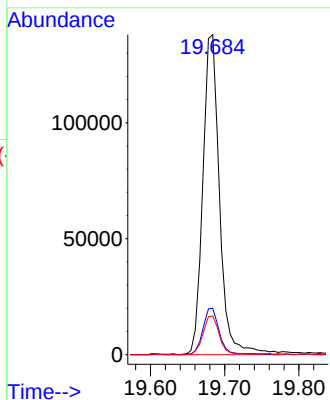
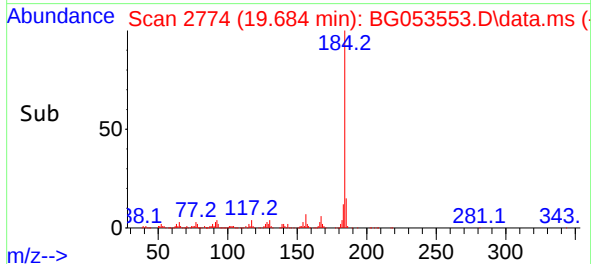
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



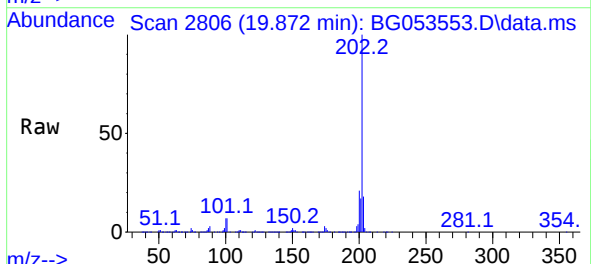
Tgt Ion:184 Resp: 21679
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 12.1 8.9 13.3

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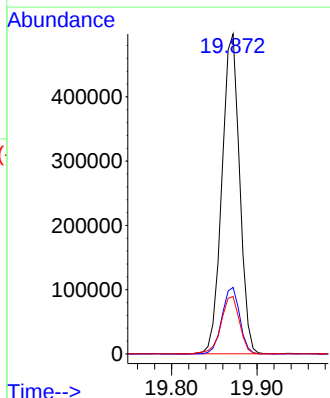
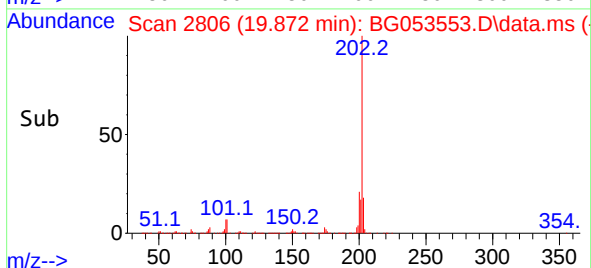
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

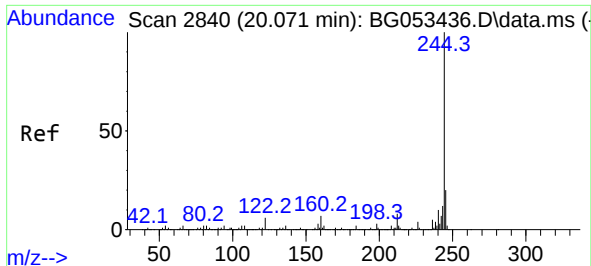


#78
Pyrene
Concen: 54.691 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:202 Resp: 717859
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 63.566 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053553.D
 Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

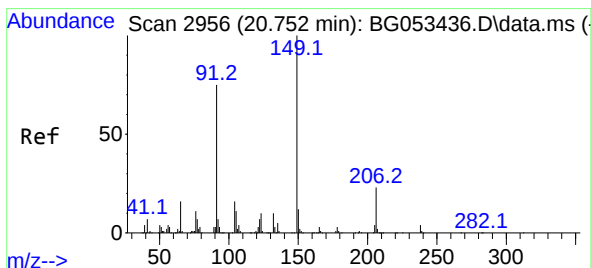
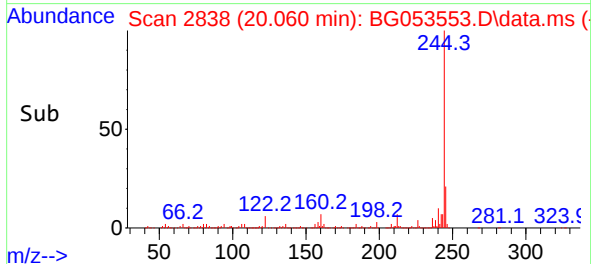
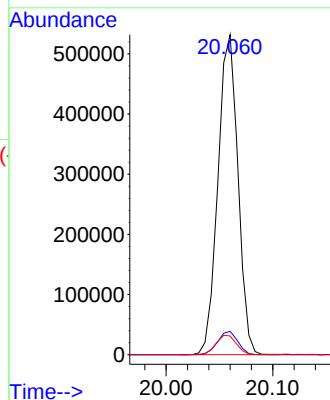
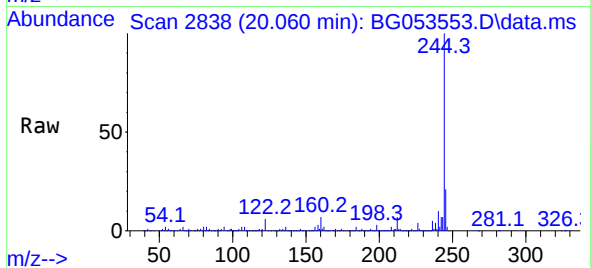
VNJ-239MS

Tgt Ion:244 Resp: 692020
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 5.8 5.0 7.4

Manual Integrations

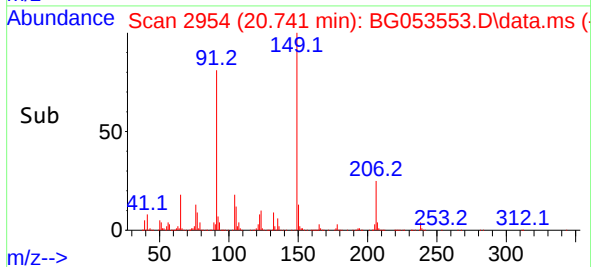
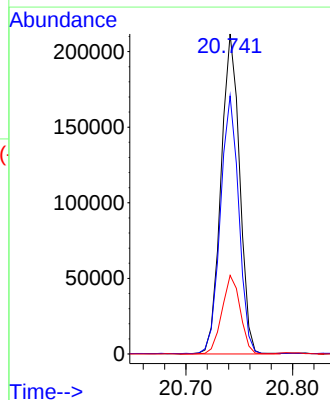
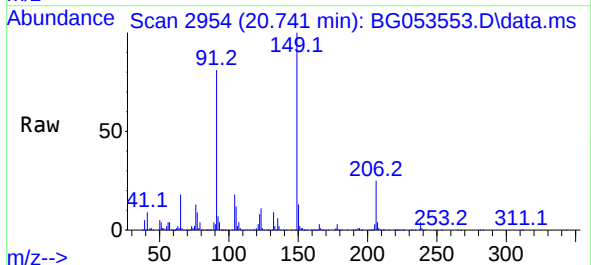
APPROVED

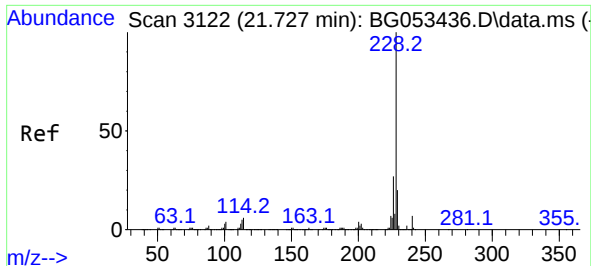
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022



#80
 Butylbenzylphthalate
 Concen: 53.202 ng
 RT: 20.741 min Scan# 2954
 Delta R.T. -0.002 min
 Lab File: BG053553.D
 Acq: 13 May 2022 21:42

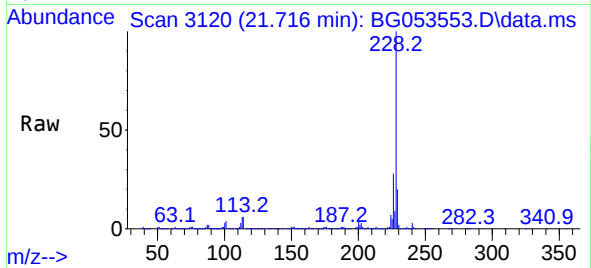
Tgt Ion:149 Resp: 256069
 Ion Ratio Lower Upper
 149 100
 91 80.6 59.6 89.4
 206 24.6 18.6 28.0





#81
Benzo(a)anthracene
Concen: 54.169 ng
RT: 21.716 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

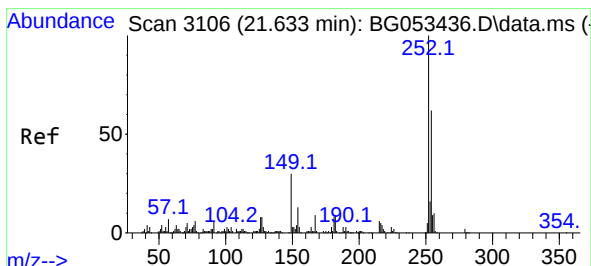
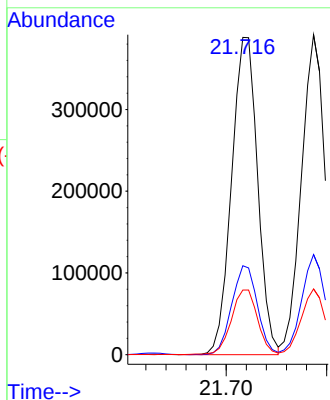
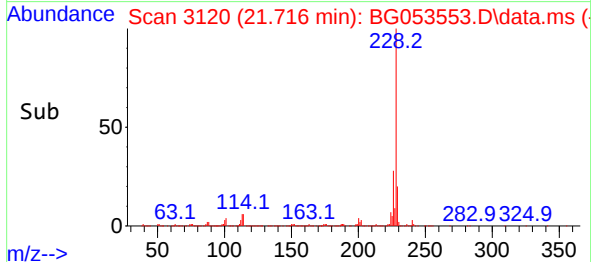
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



Tgt Ion:228 Resp: 70053
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.4 16.2 24.2

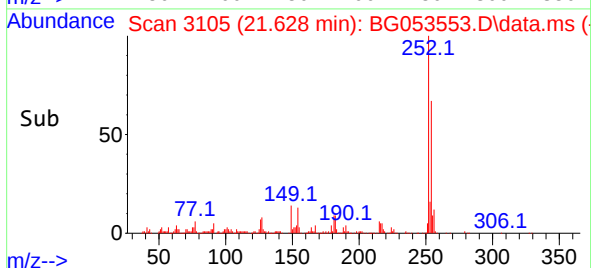
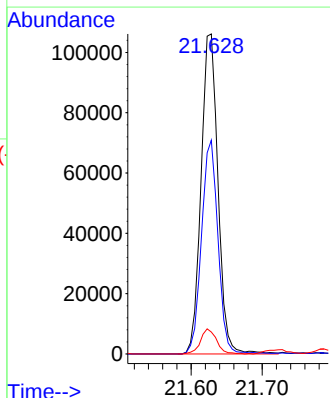
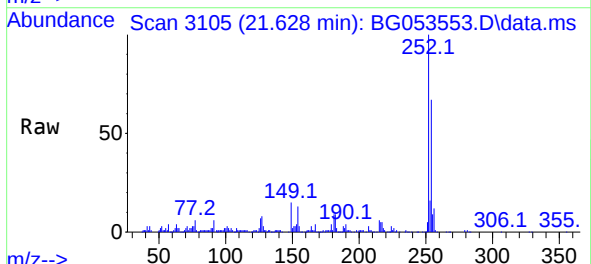
Manual Integrations
APPROVED

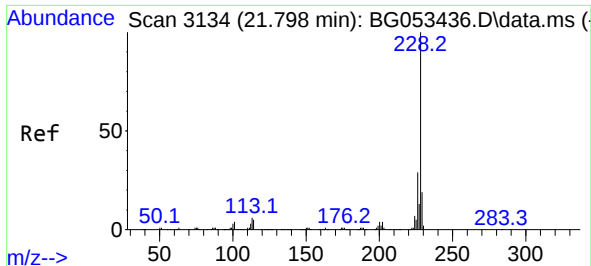
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 53.652 ng
RT: 21.628 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Tgt Ion:252 Resp: 175955
Ion Ratio Lower Upper
252 100
254 66.8 49.8 74.8
126 6.8 6.0 9.0





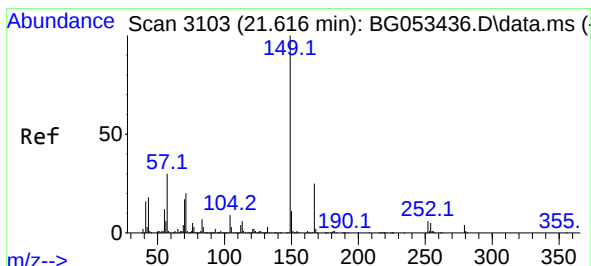
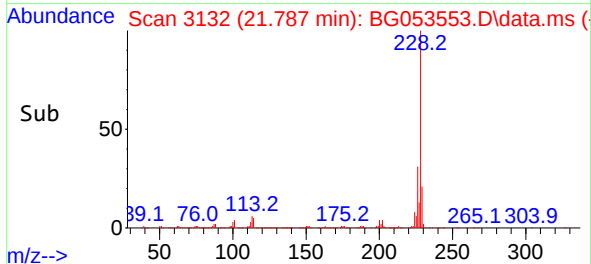
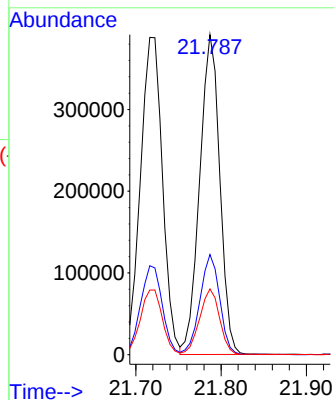
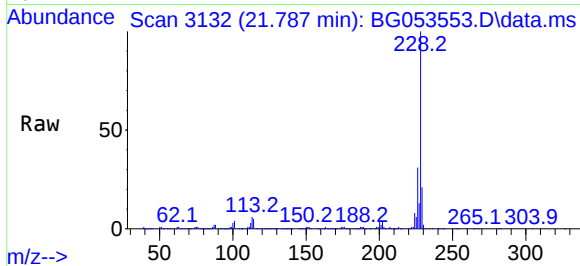
#83
Chrysene
Concen: 53.037 ng
RT: 21.787 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

Instrument :
BNA_G
ClientSampleId :
VNJ-239MS

Tgt Ion:228 Resp: 64060
Ion Ratio Lower Upper
228 100
226 31.3 23.4 35.2
229 20.5 15.5 23.3

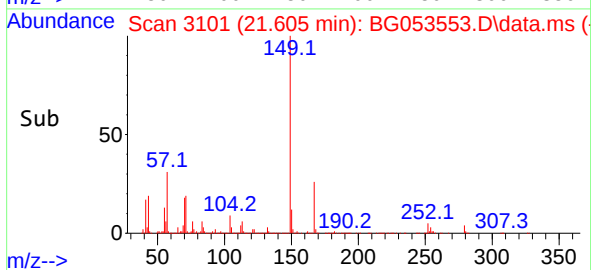
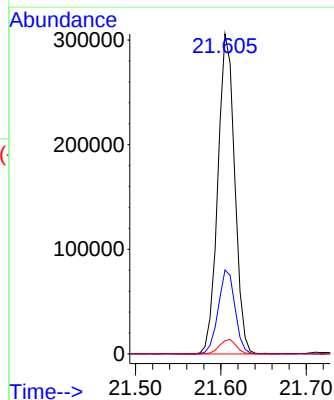
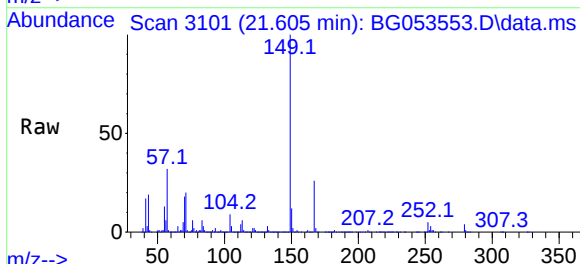
Manual Integrations
APPROVED

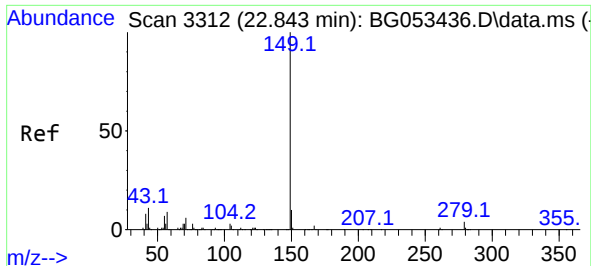
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.082 ng
RT: 21.605 min Scan# 3101
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

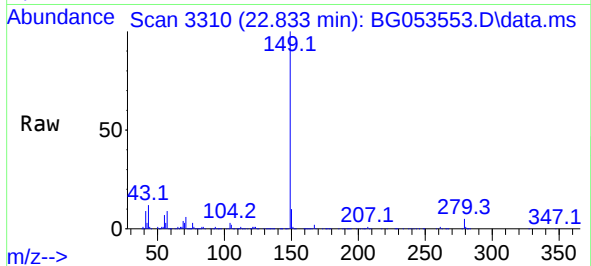
Tgt Ion:149 Resp: 419072
Ion Ratio Lower Upper
149 100
167 26.2 20.2 30.4
279 4.1 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 54.510 ng
RT: 22.833 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

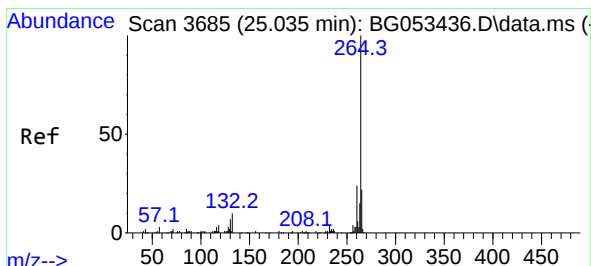
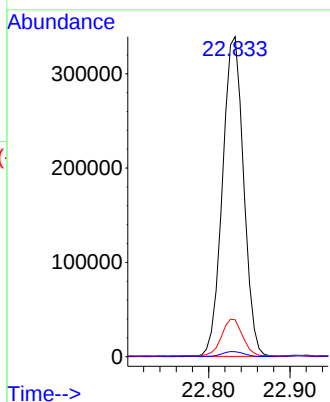
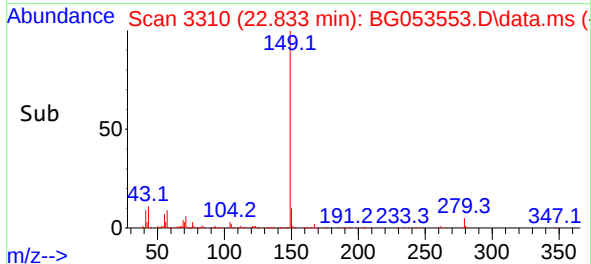
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



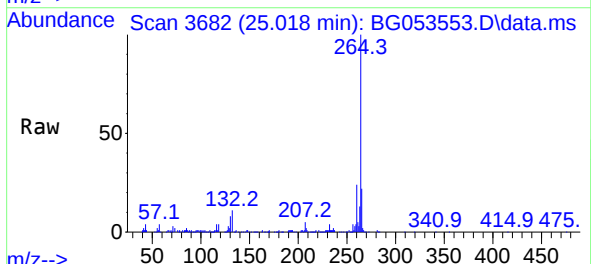
Tgt Ion:149 Resp: 61234
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 9.0 13.4

Manual Integrations
APPROVED

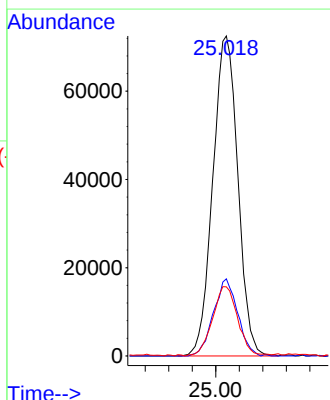
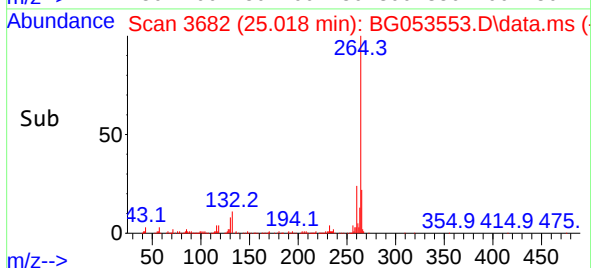
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

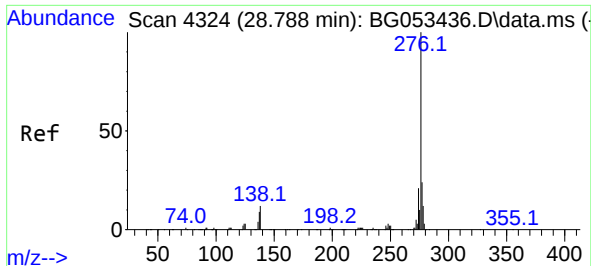


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3682
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



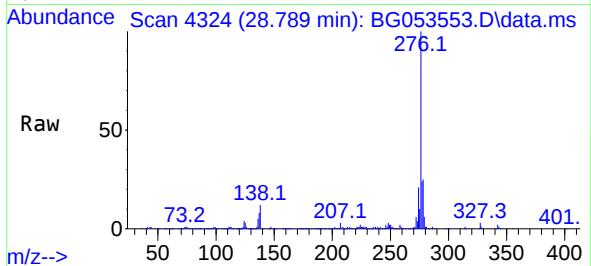
Tgt Ion:264 Resp: 213726
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.463 ng
RT: 28.789 min Scan# 41
Delta R.T. 0.010 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

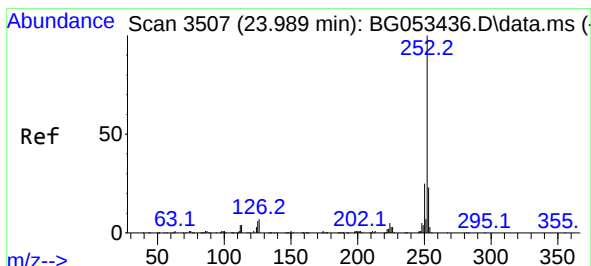
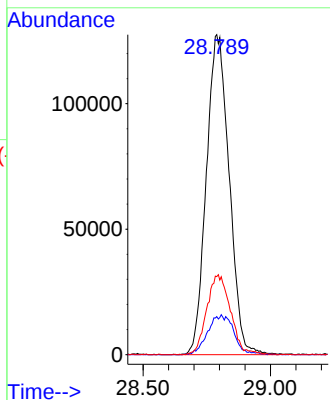
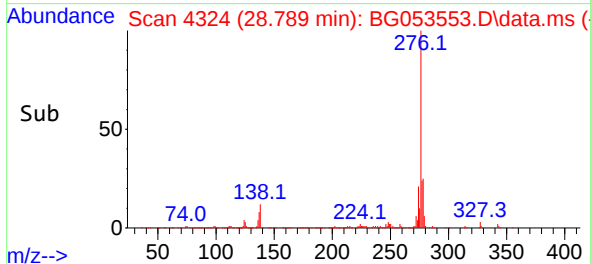
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



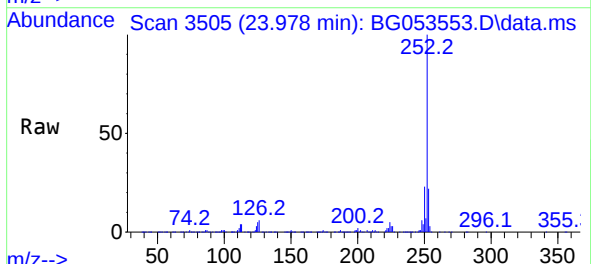
Tgt Ion:276 Resp: 79582
Ion Ratio Lower Upper
276 100
138 6.3 5.0 7.4
277 26.0 20.3 30.5

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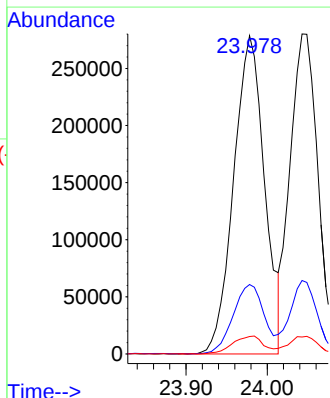
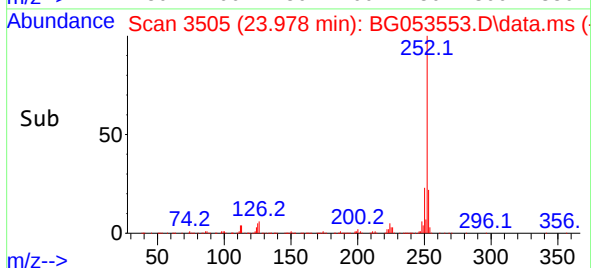
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

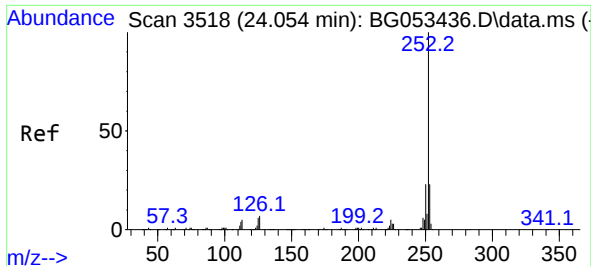


#88
Benzo(b)fluoranthene
Concen: 58.235 ng
RT: 23.978 min Scan# 3505
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:252 Resp: 736718
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 5.5 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 53.248 ng

RT: 24.043 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

Instrument :

BNA_G

ClientSampleId :

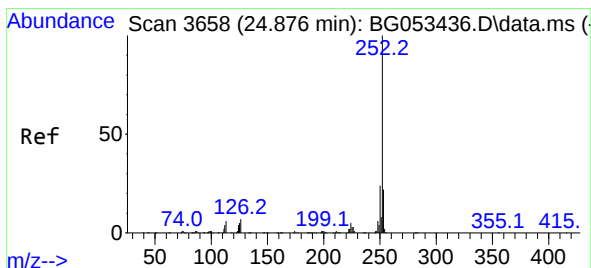
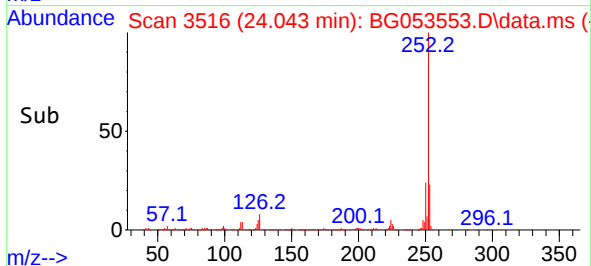
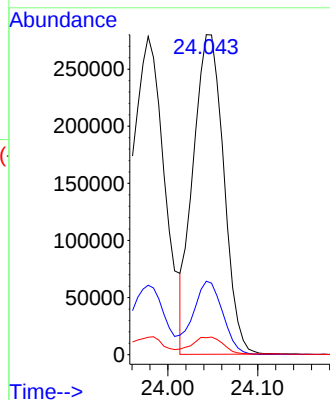
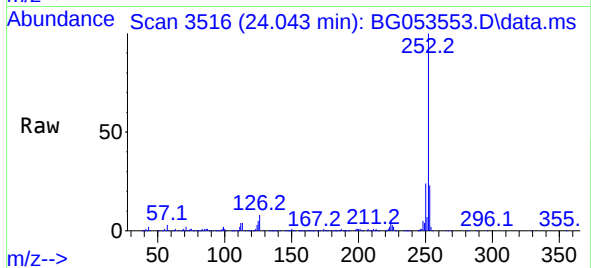
VNJ-239MS

Tgt Ion:252 Resp: 661944
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.4 27.6
 125 5.3 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: 63.936 ng

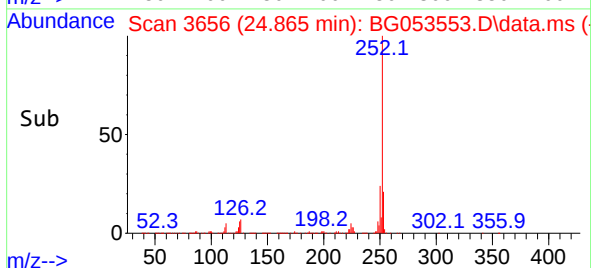
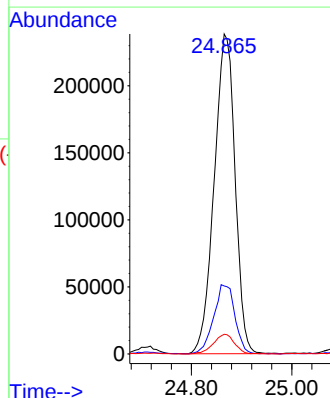
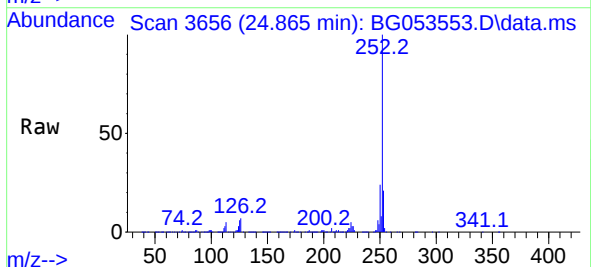
RT: 24.865 min Scan# 3656

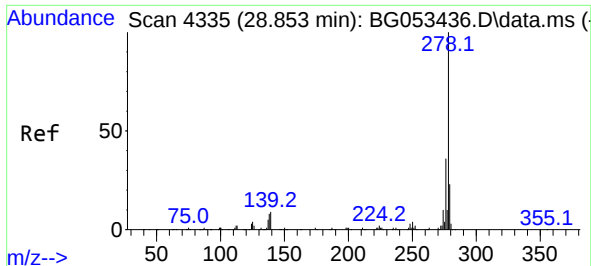
Delta R.T. -0.002 min

Lab File: BG053553.D

Acq: 13 May 2022 21:42

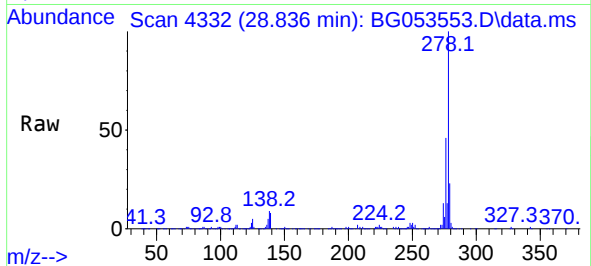
Tgt Ion:252 Resp: 688444
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.8 26.8
 125 6.2 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 55.853 ng
RT: 28.836 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42

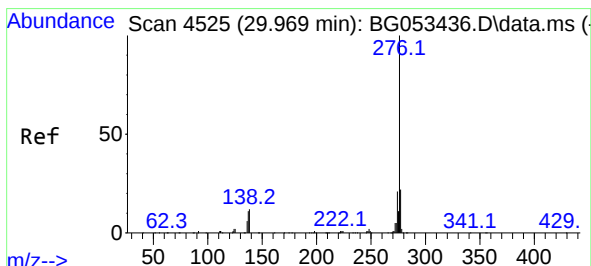
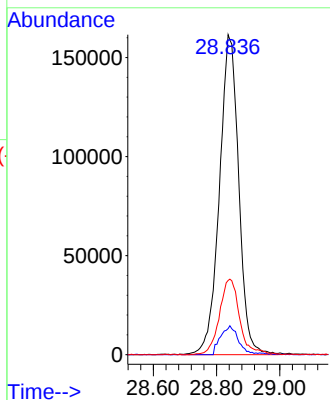
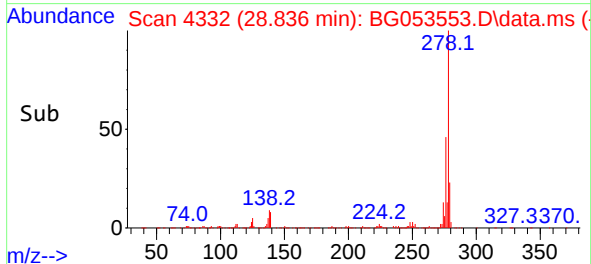
Instrument :
BNA_G
ClientSampleId :
VNJ-239MS



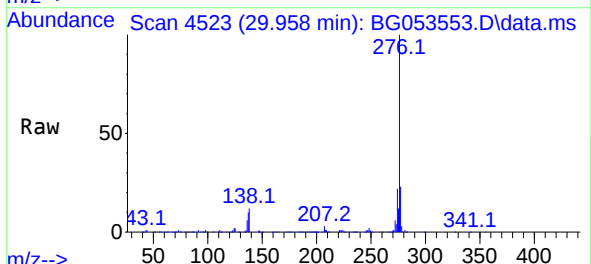
Tgt Ion:278 Resp: 68507
Ion Ratio Lower Upper
278 100
139 8.2 7.2 10.8
279 23.2 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.645 ng
RT: 29.958 min Scan# 4523
Delta R.T. 0.004 min
Lab File: BG053553.D
Acq: 13 May 2022 21:42



Tgt Ion:276 Resp: 676545
Ion Ratio Lower Upper
276 100
277 23.4 17.3 25.9
138 11.9 9.6 14.4

