

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055749.D
 Acq On : 22 Nov 2022 21:22
 Operator : CG/JU
 Sample : N5718-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:40:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	38746	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	170591	20.000	ng	0.00
39) Acenaphthene-d10	14.869	164	121033	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	260806	20.000	ng	0.00
76) Chrysene-d12	21.908	240	236285	20.000	ng	0.00
86) Perylene-d12	25.316	264	258778	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	355155	165.681	ng	0.00
7) Phenol-d6	7.396	99	461463	161.720	ng	0.00
23) Nitrobenzene-d5	9.417	82	286656	88.816	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	231444	135.800	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	680721	84.259	ng	0.00
79) Terphenyl-d14	20.198	244	994515	84.185	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	38612	42.149	ng	97
3) Pyridine	4.017	79	108797	38.714	ng	99
4) n-Nitrosodimethylamine	3.929	42	69187	46.501	ng	93
6) Aniline	7.560	93	134462	37.516	ng	99
8) 2-Chlorophenol	7.807	128	138062	56.340	ng	98
9) Benzaldehyde	7.372	77	77997	40.248	ng	98
10) Phenol	7.419	94	175646	54.975	ng	98
11) bis(2-Chloroethyl)ether	7.648	93	123269	50.344	ng	98
12) 1,3-Dichlorobenzene	8.130	146	144279	50.078	ng	99
13) 1,4-Dichlorobenzene	8.277	146	147805	50.768	ng	98
14) 1,2-Dichlorobenzene	8.600	146	144575	51.822	ng	100
15) Benzyl Alcohol	8.477	79	123817m	53.391	ng	
16) 2,2'-oxybis(1-Chloropr...	8.765	45	222261	50.143	ng	98
17) 2-Methylphenol	8.682	107	124219	54.762	ng	99
18) Hexachloroethane	9.340	117	53078	52.970	ng	97
19) n-Nitroso-di-n-propyla...	9.047	70	104237	47.544	ng	99
20) 3+4-Methylphenols	9.011	107	169889	53.615	ng	98
22) Acetophenone	9.070	105	206259	46.530	ng	98
24) Nitrobenzene	9.458	77	156569	46.442	ng	99
25) Isophorone	9.981	82	293444	47.985	ng	99
26) 2-Nitrophenol	10.175	139	80781	51.906	ng	96
27) 2,4-Dimethylphenol	10.222	122	137448m	58.029	ng	
28) bis(2-Chloroethoxy)met...	10.457	93	168572	51.347	ng	98
29) 2,4-Dichlorophenol	10.715	162	145293	51.250	ng	100
30) 1,2,4-Trichlorobenzene	10.933	180	155633	47.252	ng	99
31) Naphthalene	11.126	128	432038	46.849	ng	100
32) Benzoic acid	10.374	122	99188	50.899	ng	96
33) 4-Chloroaniline	11.226	127	99861	26.251	ng	96
34) Hexachlorobutadiene	11.397	225	102839	45.726	ng	96
35) Caprolactam	12.002	113	46345m	47.240	ng	
36) 4-Chloro-3-methylphenol	12.331	107	158370	50.826	ng	99
37) 2-Methylnaphthalene	12.713	142	325643	47.162	ng	99
38) 1-Methylnaphthalene	12.930	142	307481	45.871	ng	100
40) 1,2,4,5-Tetrachloroben...	13.071	216	186927	49.146	ng	99
41) Hexachlorocyclopentadiene	13.048	237	160537	83.744	ng	99
43) 2,4,6-Trichlorophenol	13.312	196	127744	49.236	ng	97

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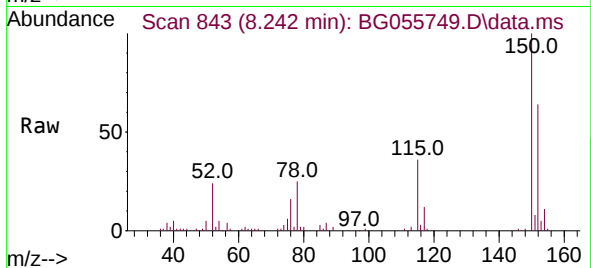
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	139625	48.971	ng	99
46) 1,1'-Biphenyl	13.706	154	431932	48.973	ng	97
47) 2-Chloronaphthalene	13.753	162	331770	48.395	ng	98
48) 2-Nitroaniline	13.947	65	109067	48.391	ng	96
49) Acenaphthylene	14.593	152	536214	47.499	ng	100
50) Dimethylphthalate	14.311	163	422739	43.815	ng	99
51) 2,6-Dinitrotoluene	14.434	165	92193	46.733	ng	99
52) Acenaphthene	14.934	154	403851m	54.737	ng	
53) 3-Nitroaniline	14.769	138	79217	36.579	ng	100
54) 2,4-Dinitrophenol	14.975	184	102309	90.199	ng	99
55) Dibenzofuran	15.263	168	539789	47.425	ng	99
56) 4-Nitrophenol	15.069	139	157930	92.917	ng	99
57) 2,4-Dinitrotoluene	15.222	165	131307	47.209	ng	96
58) Fluorene	15.909	166	439544	48.351	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.486	232	122855	44.469	ng	97
60) Diethylphthalate	15.662	149	423978	43.464	ng	99
61) 4-Chlorophenyl-phenylether	15.891	204	226074	45.241	ng	97
62) 4-Nitroaniline	15.927	138	95835	42.334	ng	97
63) Azobenzene	16.185	77	411989	48.377	ng	99
65) 4,6-Dinitro-2-methylph...	15.985	198	69246	47.549	ng	97
66) n-Nitrosodiphenylamine	16.109	169	364357	50.693	ng	99
67) 4-Bromophenyl-phenylether	16.790	248	144673	48.685	ng	99
68) Hexachlorobenzene	16.914	284	160340	48.662	ng	99
69) Atrazine	17.049	200	144235	50.740	ng	99
70) Pentachlorophenol	17.260	266	193513	96.005	ng	99
71) Phenanthrene	17.654	178	855647	60.795	ng	99
72) Anthracene	17.742	178	714768	52.269	ng	99
73) Carbazole	18.012	167	604061	49.137	ng	99
74) Di-n-butylphthalate	18.541	149	698762	45.776	ng	100
75) Fluoranthene	19.652	202	1106988	64.652	ng	98
77) Benzidine	19.816	184	168202	30.771	ng	99
78) Pyrene	20.010	202	1048768	65.574	ng	98
80) Butylbenzylphthalate	20.874	149	303969	48.548	ng	99
81) Benzo(a)anthracene	21.890	228	892846	54.862	ng	99
82) 3,3'-Dichlorobenzidine	21.790	252	181827	31.796	ng	98
83) Chrysene	21.961	228	832315	53.722	ng	100
84) Bis(2-ethylhexyl)phtha...	21.761	149	475458	52.839	ng	100
85) Di-n-octyl phthalate	23.030	149	762005	49.484	ng	100
87) Indeno(1,2,3-cd)pyrene	29.258	276	1009763	47.631	ng	# 94
88) Benzo(b)fluoranthene	24.235	252	973205	57.747	ng	98
89) Benzo(k)fluoranthene	24.305	252	846327	50.379	ng	98
90) Benzo(a)pyrene	25.163	252	824107	56.984	ng	99
91) Dibenzo(a,h)anthracene	29.311	278	803808	46.399	ng	99
92) Benzo(g,h,i)perylene	30.492	276	820841	47.012	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

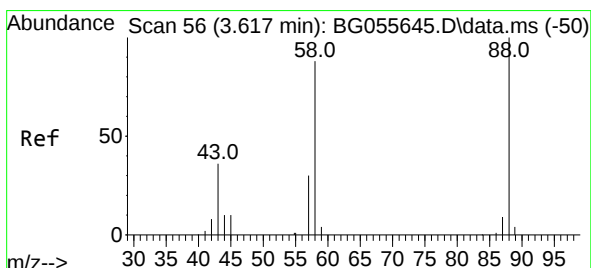
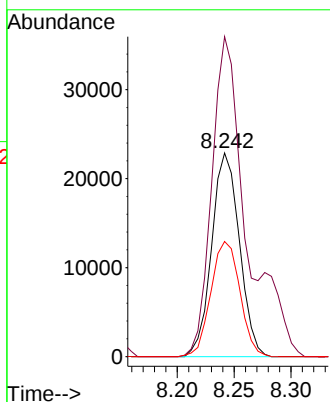
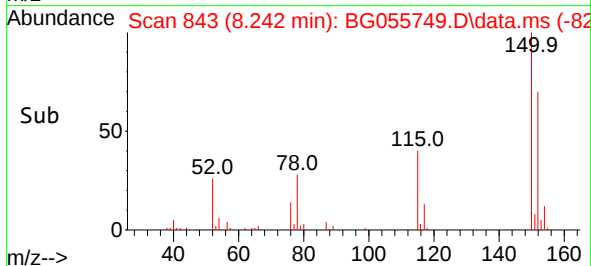
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:152 Resp: 38746
Ion Ratio Lower Upper
152 100
150 157.2 123.0 184.6
115 56.6 47.0 70.4

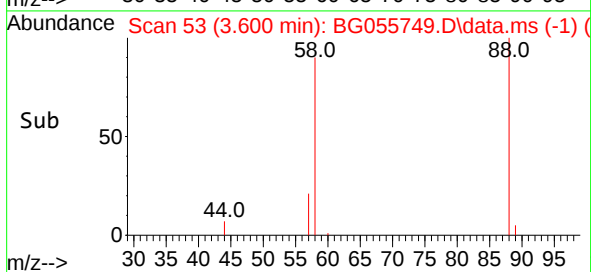
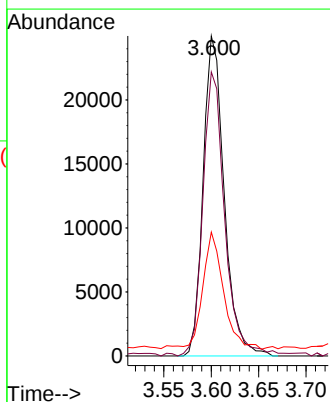
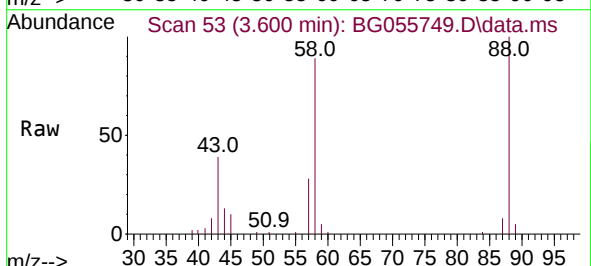
Manual Integrations
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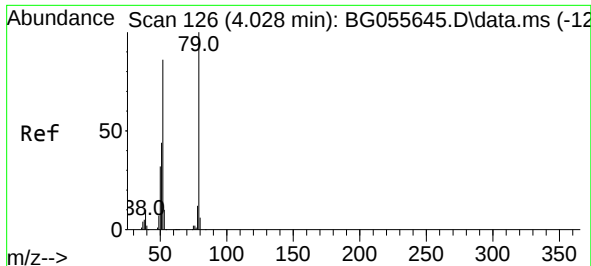
Reviewed By :Christian Giraldo 11/23/2022
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#2
1,4-Dioxane
Concen: 42.149 ng
RT: 3.600 min Scan# 53
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

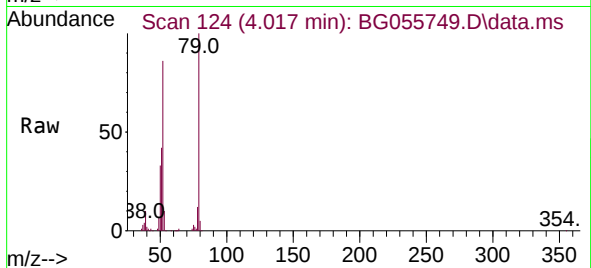
Tgt Ion: 88 Resp: 38612
Ion Ratio Lower Upper
88 100
58 92.4 71.3 106.9
43 36.0 28.6 43.0





#3
Pyridine
Concen: 38.714 ng
RT: 4.017 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

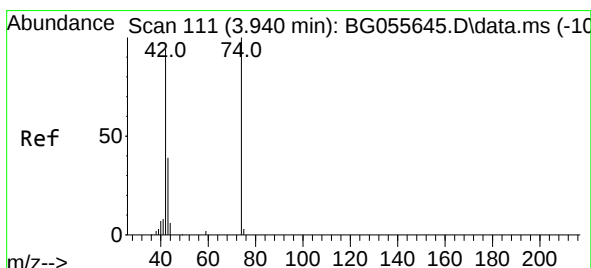
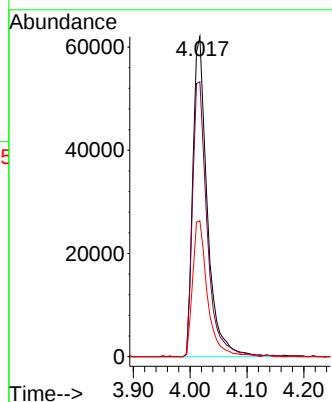
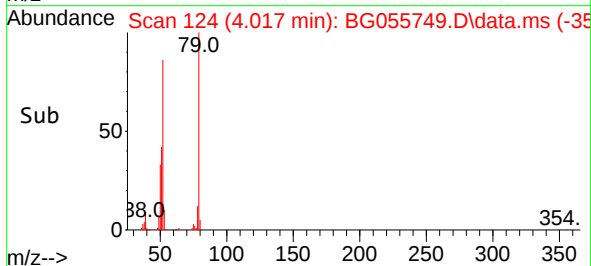
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



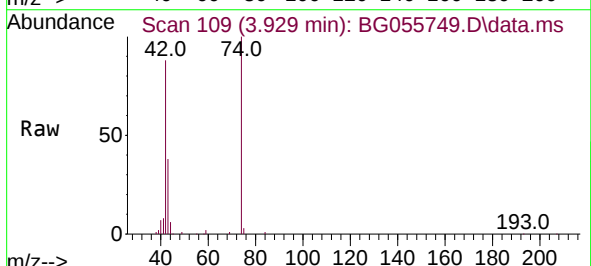
Tgt Ion: 79 Resp: 10879
Ion Ratio Lower Upper
79 100
52 85.9 68.9 103.3
51 42.4 34.8 52.2

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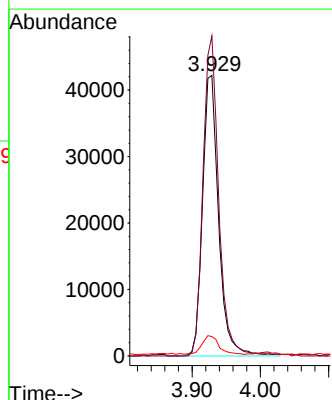
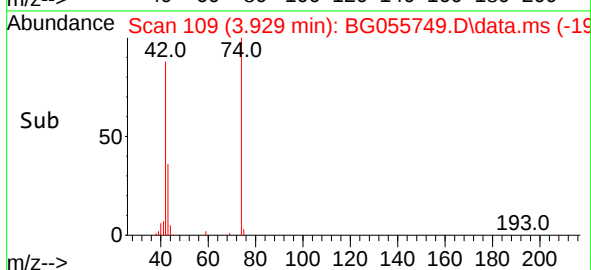
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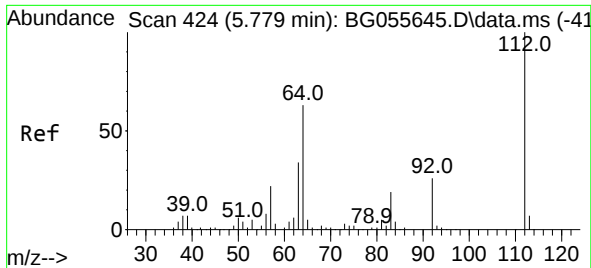


#4
n-Nitrosodimethylamine
Concen: 46.501 ng
RT: 3.929 min Scan# 109
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



Tgt Ion: 42 Resp: 69187
Ion Ratio Lower Upper
42 100
74 114.1 84.7 127.1
44 6.9 5.4 8.0





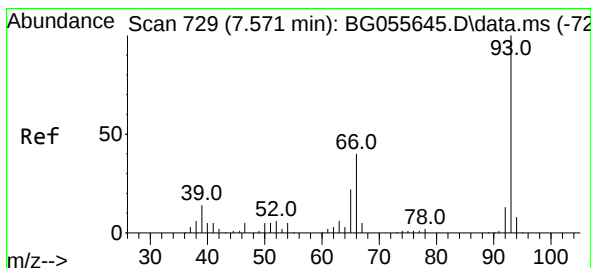
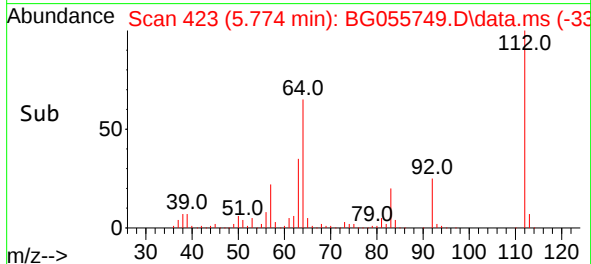
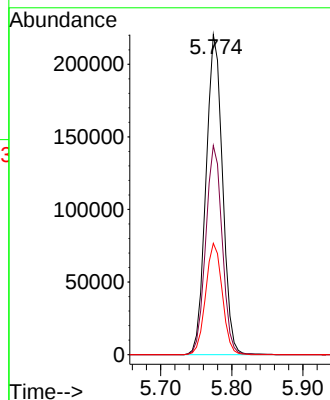
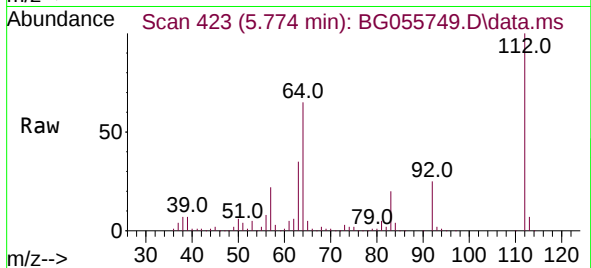
#5
2-Fluorophenol
Concen: 165.681 ng
RT: 5.774 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

Tgt Ion:112 Resp: 35515
Ion Ratio Lower Upper
112 100
64 65.3 50.6 76.0
63 34.8 27.5 41.3

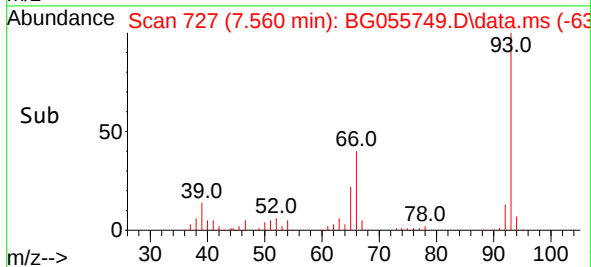
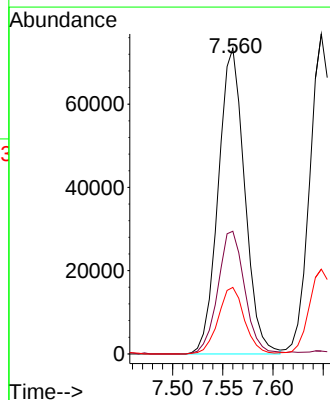
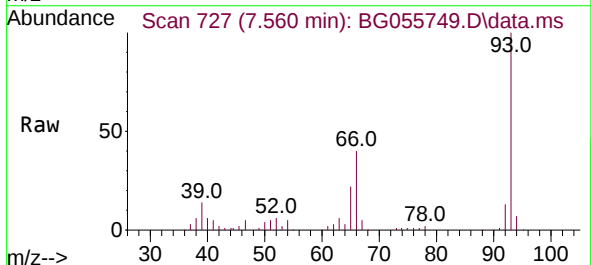
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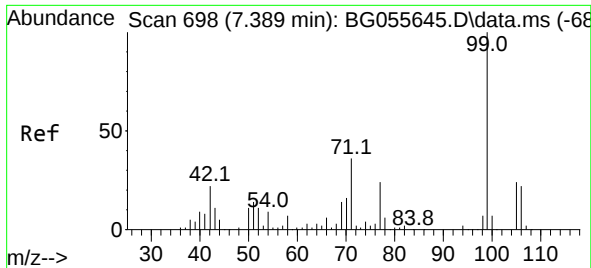
Reviewed By :Christian Giraldo 11/23/2022
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#6
Aniline
Concen: 37.516 ng
RT: 7.560 min Scan# 727
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Tgt Ion: 93 Resp: 134462
Ion Ratio Lower Upper
93 100
66 40.1 31.7 47.5
65 21.8 17.9 26.9





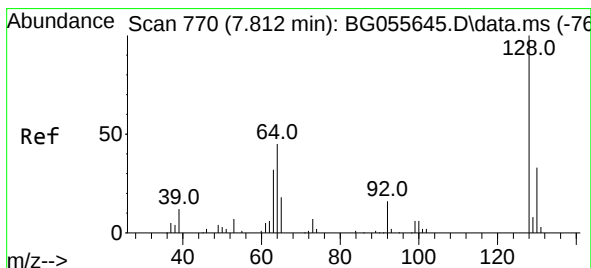
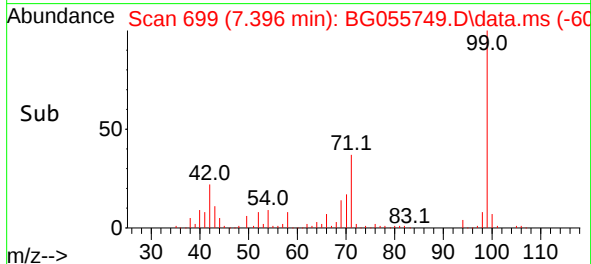
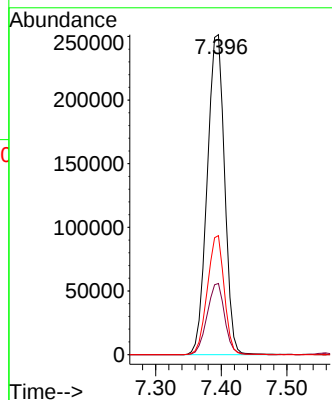
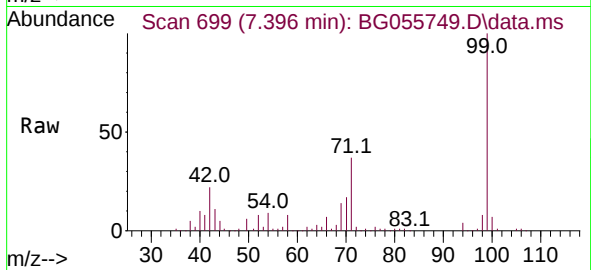
#7
Phenol-d6
Concen: 161.720 ng
RT: 7.396 min Scan# 699
Delta R.T. 0.008 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

Tgt Ion: 99 Resp: 461463
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 37.2 29.0 43.6

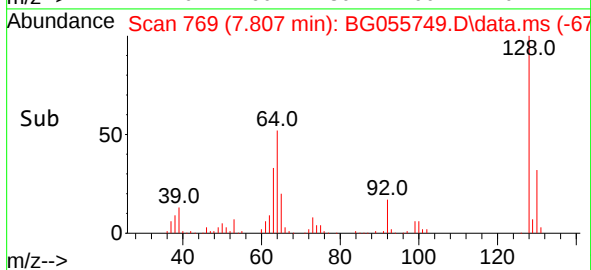
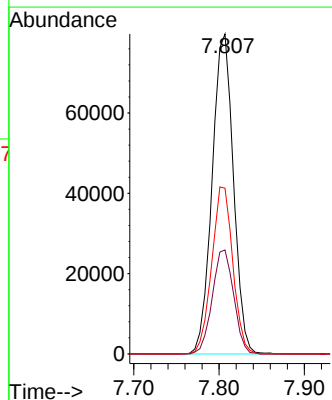
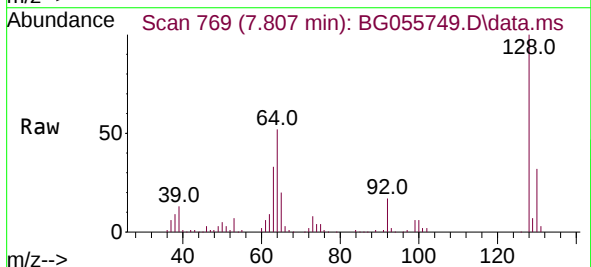
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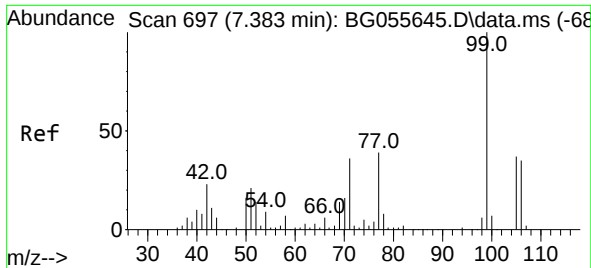
Reviewed By :Christian Giraldo 11/23/2022
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#8
2-Chlorophenol
Concen: 56.340 ng
RT: 7.807 min Scan# 769
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

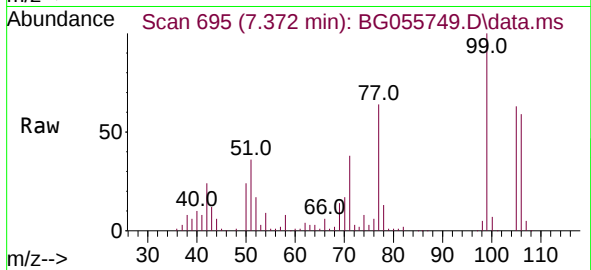
Tgt Ion:128 Resp: 138062
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 51.8 30.2 70.2





#9
Benzaldehyde
Concen: 40.248 ng
RT: 7.372 min Scan# 695
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

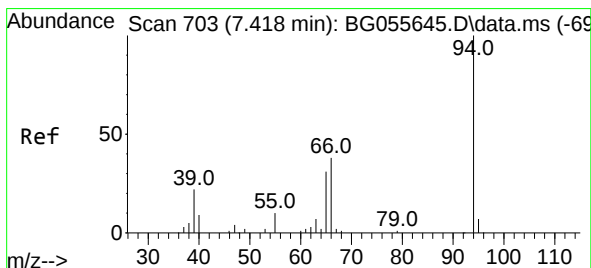
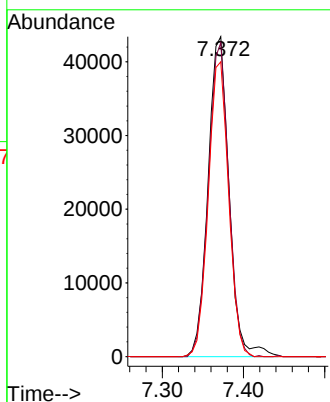
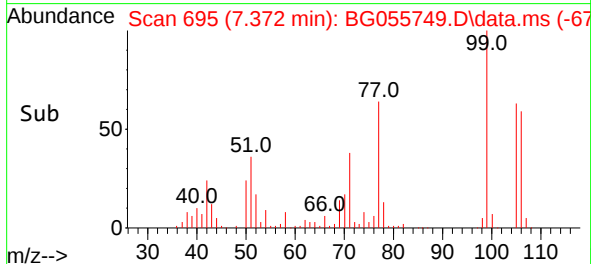
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion: 77 Resp: 77992
Ion Ratio Lower Upper
77 100
105 98.1 76.3 116.3
106 92.1 69.8 109.8

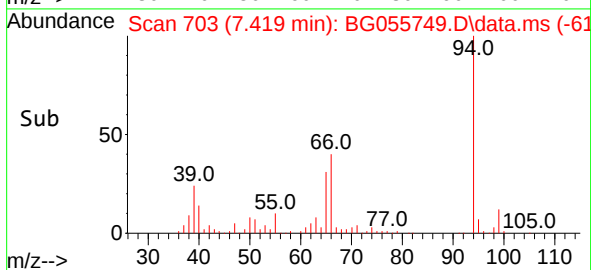
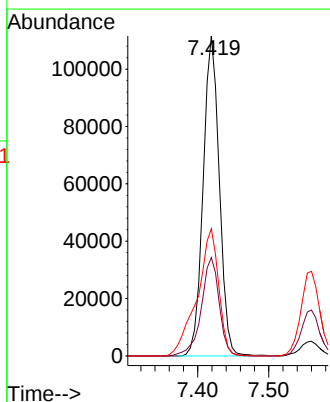
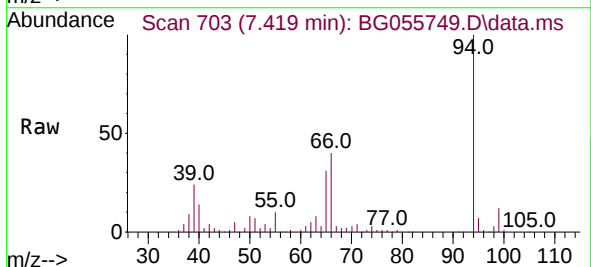
Manual Integrations
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#10
Phenol
Concen: 54.975 ng
RT: 7.419 min Scan# 703
Delta R.T. 0.007 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Tgt Ion: 94 Resp: 175646
Ion Ratio Lower Upper
94 100
65 30.7 11.8 51.8
66 39.7 20.5 60.5





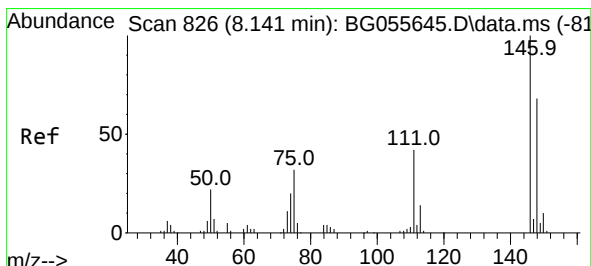
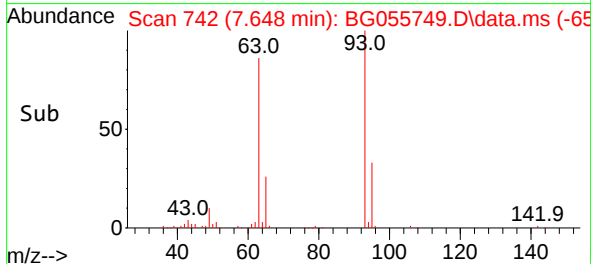
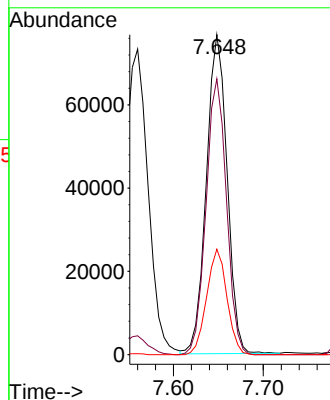
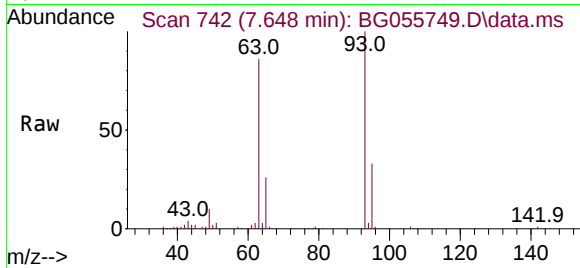
#11
bis(2-Chloroethyl)ether
Concen: 50.344 ng
RT: 7.648 min Scan# 744
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

Tgt Ion: 93 Resp: 123269
Ion Ratio Lower Upper
93 100
63 86.2 67.6 107.6
95 33.0 11.8 51.8

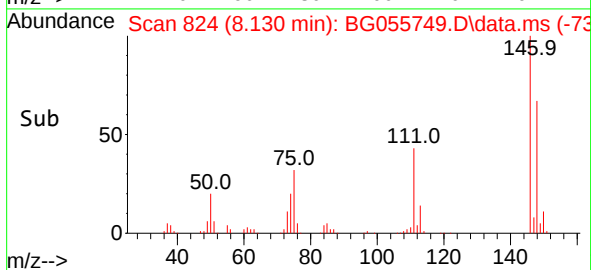
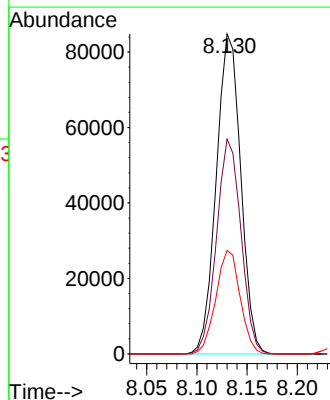
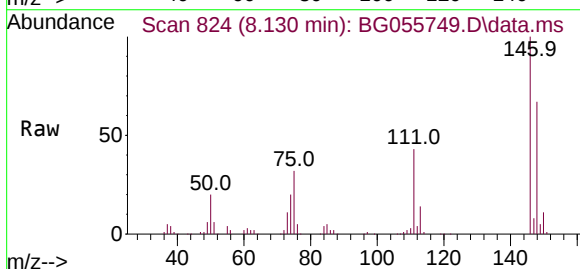
Manual Integrations
APPROVED

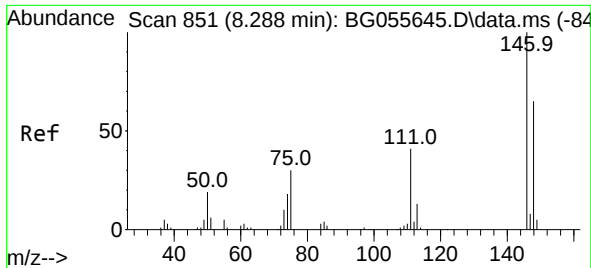
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#12
1,3-Dichlorobenzene
Concen: 50.078 ng
RT: 8.130 min Scan# 824
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

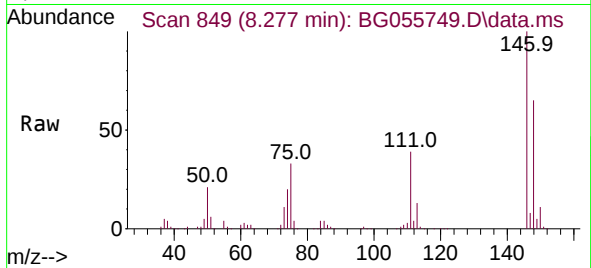
Tgt Ion:146 Resp: 144279
Ion Ratio Lower Upper
146 100
148 67.1 54.6 81.8
75 32.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 50.768 ng
RT: 8.277 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

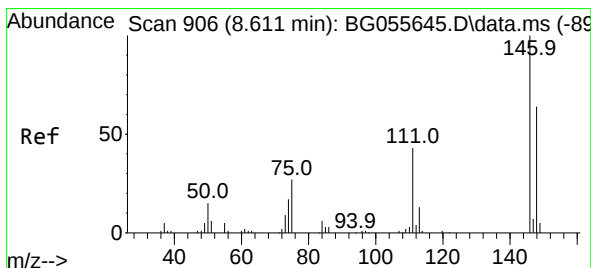
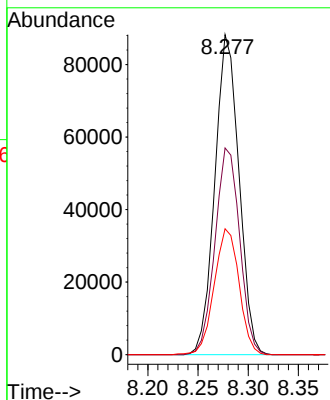
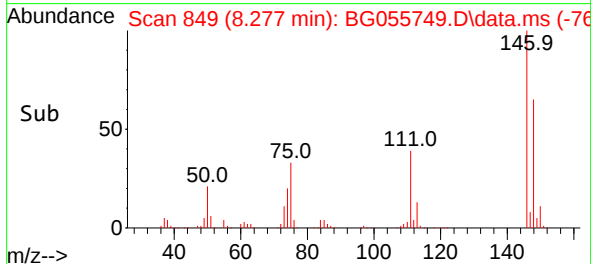
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



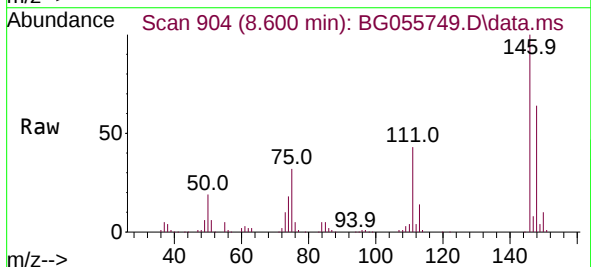
Tgt Ion:146 Resp: 147805
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
111 39.3 33.0 49.4

Manual Integrations
APPROVED

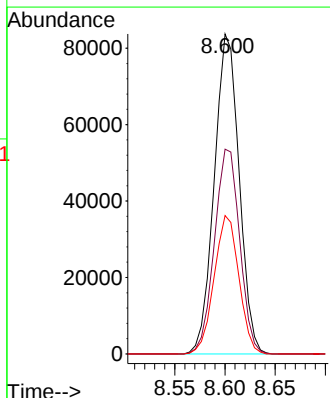
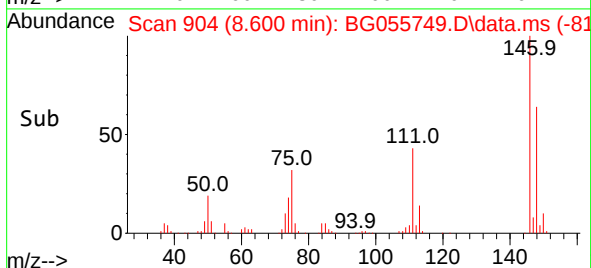
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

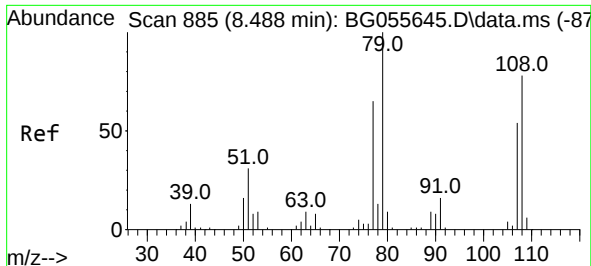


#14
1,2-Dichlorobenzene
Concen: 51.822 ng
RT: 8.600 min Scan# 904
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



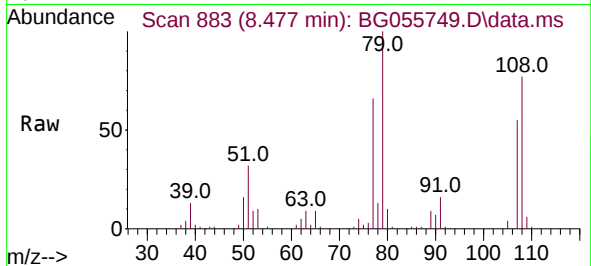
Tgt Ion:146 Resp: 144575
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 43.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 53.391 ng m
RT: 8.477 min Scan# 885
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

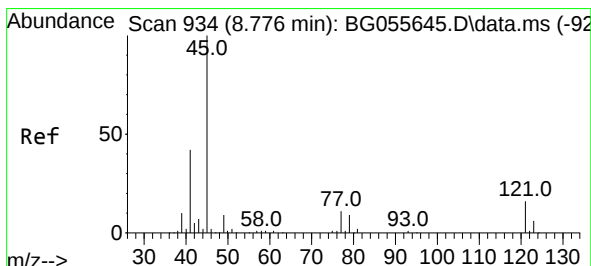
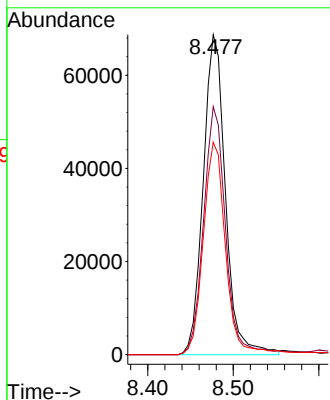
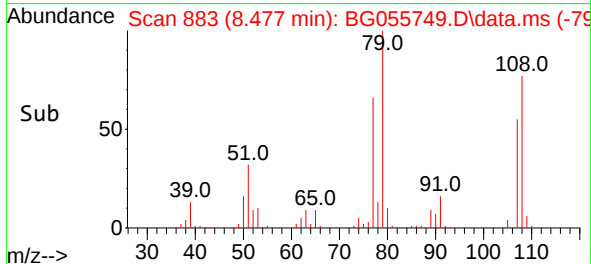
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



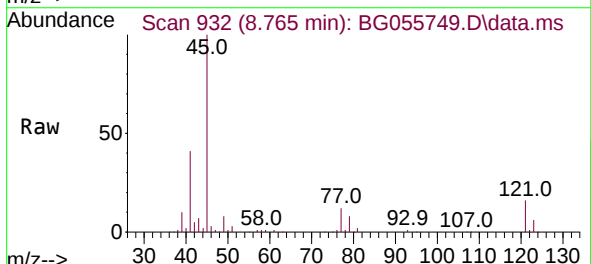
Tgt Ion: 79 Resp: 123817
Ion Ratio Lower Upper
79 100
108 77.5 62.6 93.8
77 66.4 52.4 78.6

Manual Integrations
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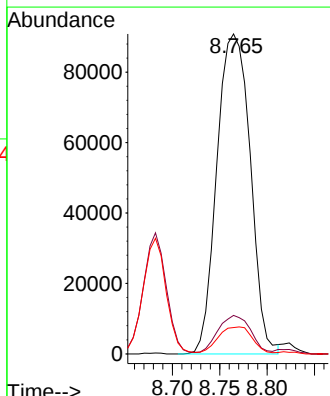
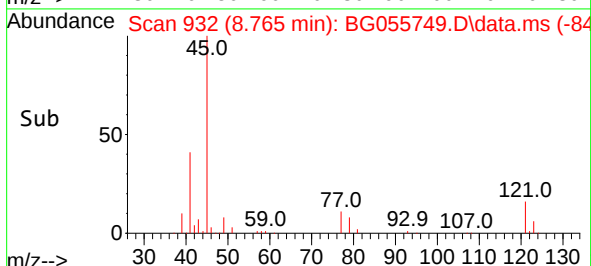
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

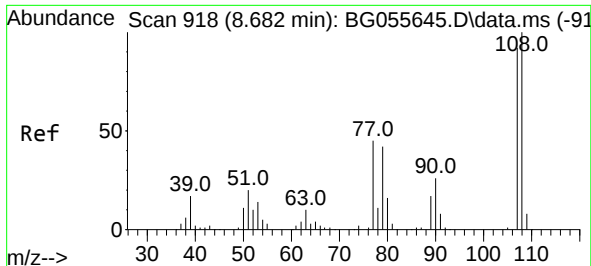


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.143 ng
RT: 8.765 min Scan# 932
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



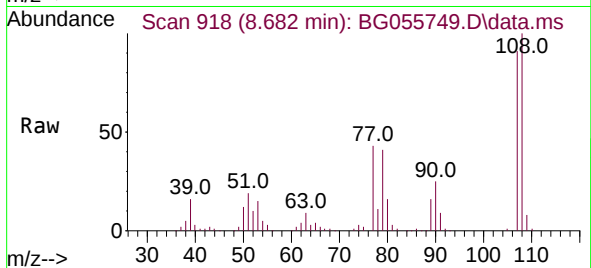
Tgt Ion: 45 Resp: 222261
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.7
79 8.2 0.0 29.5





#17
2-Methylphenol
Concen: 54.762 ng
RT: 8.682 min Scan# 918
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

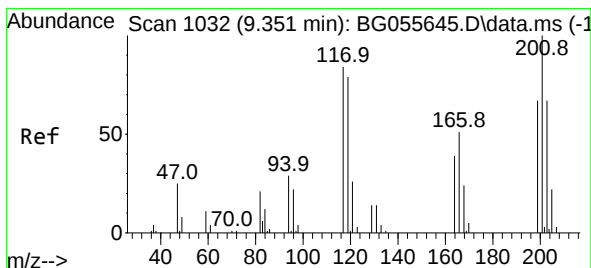
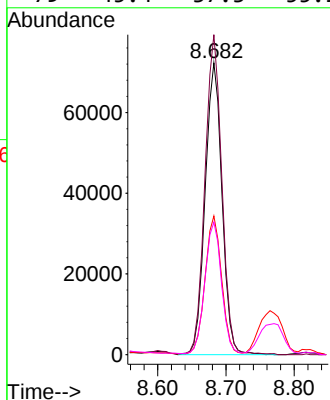
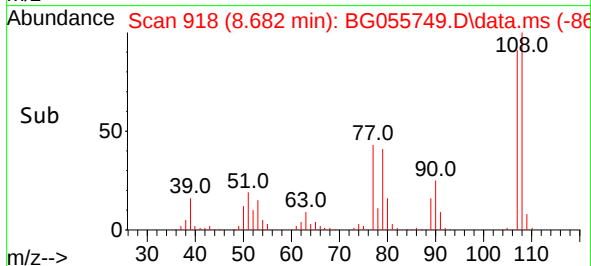
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



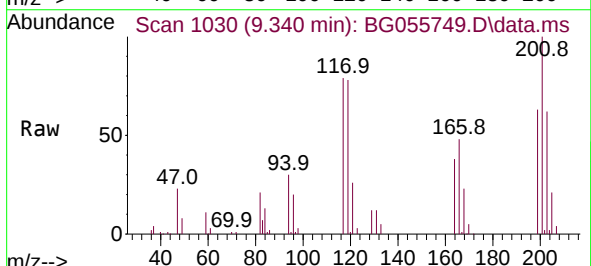
Tgt Ion:107 Resp: 124219
Ion Ratio Lower Upper
107 100
108 109.7 87.3 130.9
77 47.5 39.4 59.0
79 45.4 37.3 55.9

Manual Integrations
APPROVED

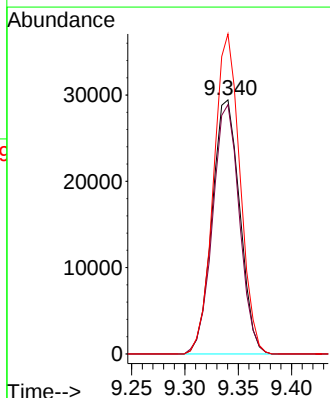
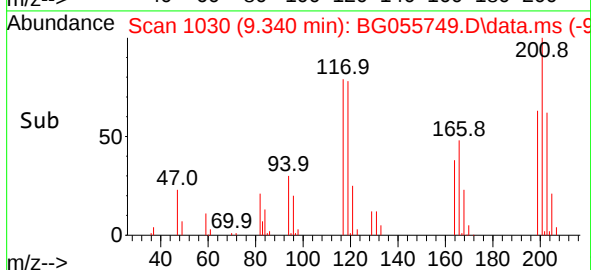
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

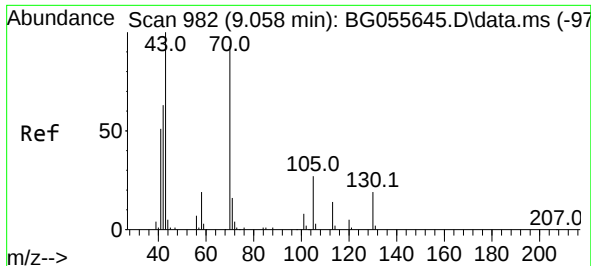


#18
Hexachloroethane
Concen: 52.970 ng
RT: 9.340 min Scan# 1030
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



Tgt Ion:117 Resp: 53078
Ion Ratio Lower Upper
117 100
119 98.1 76.0 114.0
201 126.0 98.6 148.0





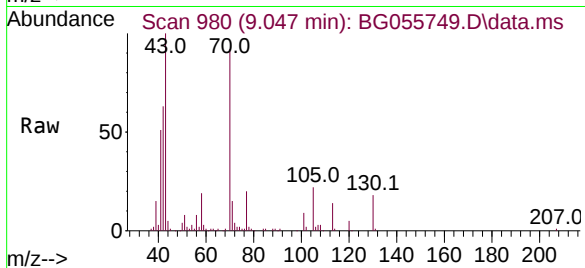
#19
n-Nitroso-di-n-propylamine
Concen: 47.544 ng
RT: 9.047 min Scan# 981
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :

BNA_G

ClientSampleId :

VNJ-228MS

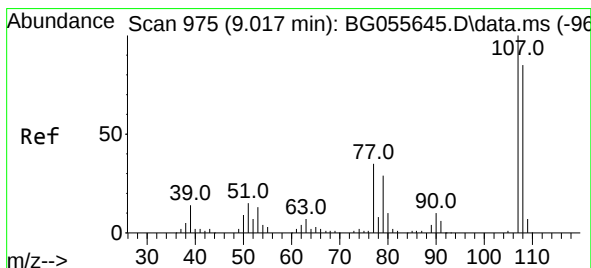
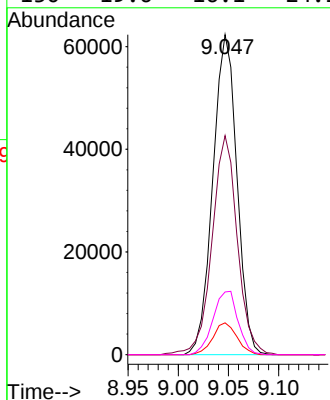
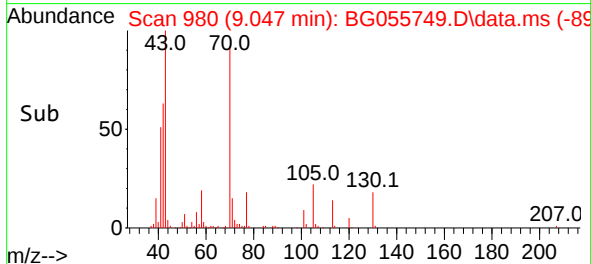


Tgt Ion: 70 Resp: 10423
Ion Ratio Lower Upper
70 100
42 68.4 55.2 82.8
101 9.9 7.1 10.7
130 19.6 16.1 24.1

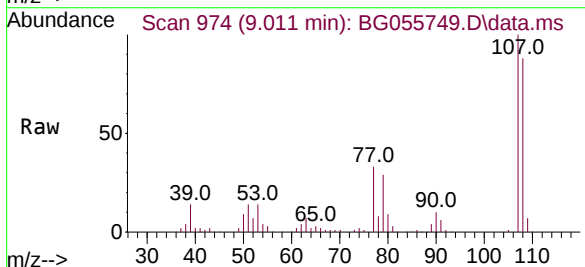
Manual Integrations

APPROVED

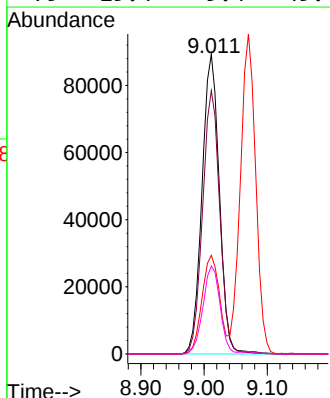
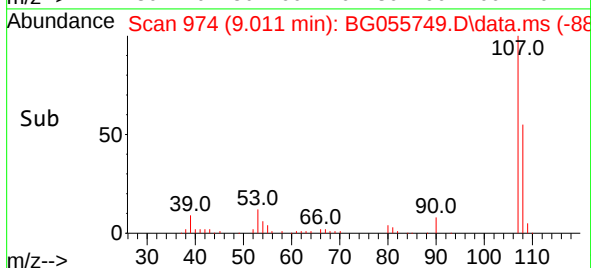
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

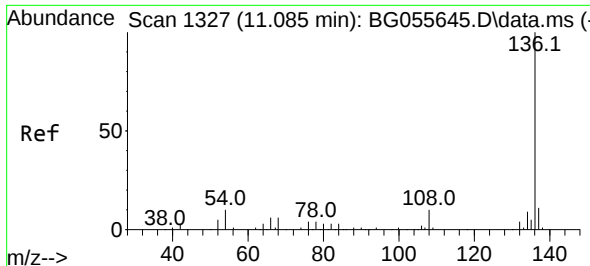


#20
3+4-Methylphenols
Concen: 53.615 ng
RT: 9.011 min Scan# 974
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



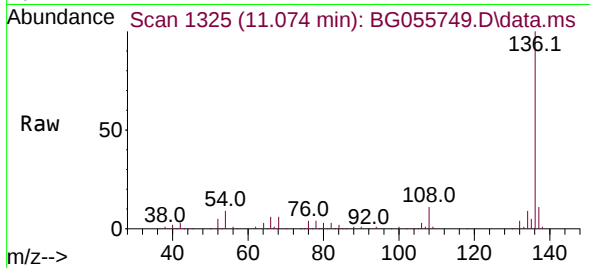
Tgt Ion:107 Resp: 169889
Ion Ratio Lower Upper
107 100
108 87.9 65.5 105.5
77 32.9 14.6 54.6
79 29.4 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 1327
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

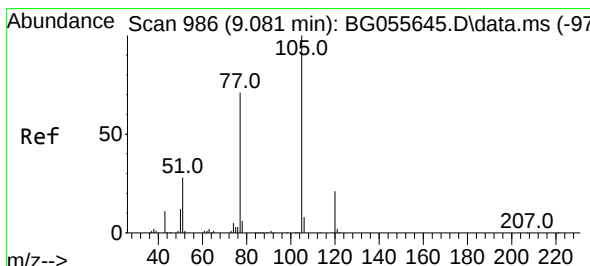
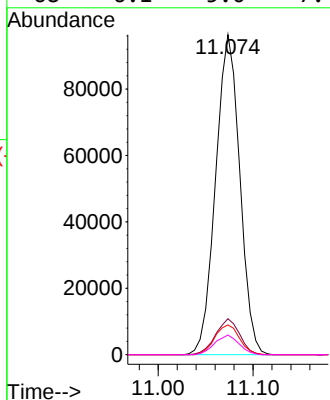
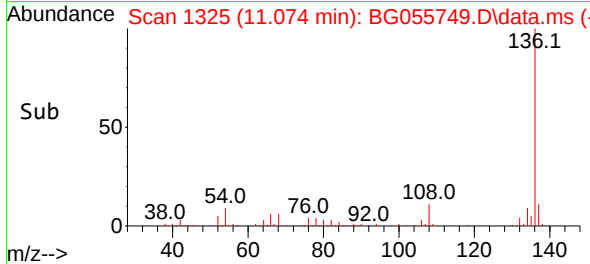
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:136 Resp: 170591
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.3 7.8 11.6
68 6.1 5.0 7.4

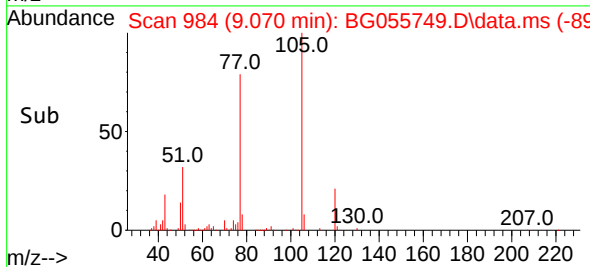
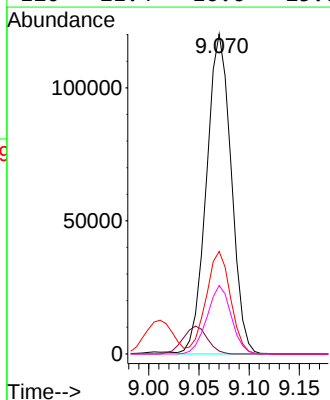
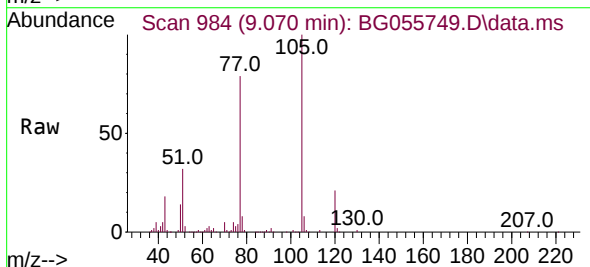
Manual Integrations
APPROVED

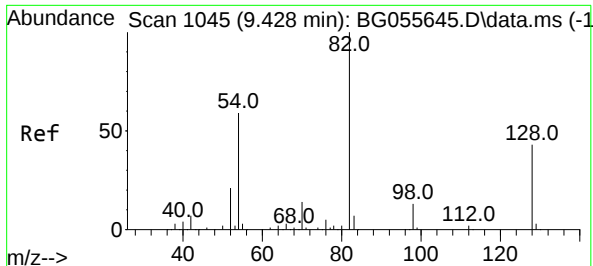
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#22
Acetophenone
Concen: 46.530 ng
RT: 9.070 min Scan# 984
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Tgt Ion:105 Resp: 206259
Ion Ratio Lower Upper
105 100
71 0.9 0.6 1.0
51 32.0 24.5 36.7
120 21.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 88.816 ng

RT: 9.417 min Scan# 1043

Delta R.T. 0.002 min

Lab File: BG055749.D

Acq: 22 Nov 2022 21:22

Instrument :

BNA_G

ClientSampleId :

VNJ-228MS

Tgt Ion: 82 Resp: 286656

Ion Ratio Lower Upper

82 100

128 44.1 34.1 51.1

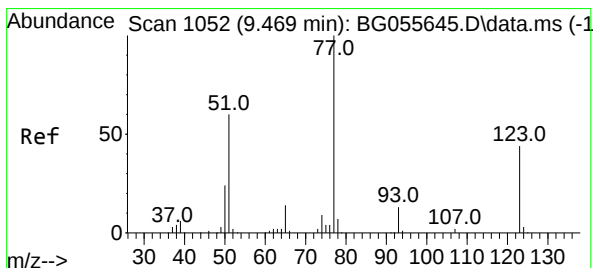
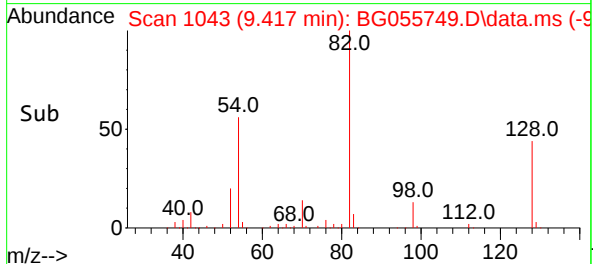
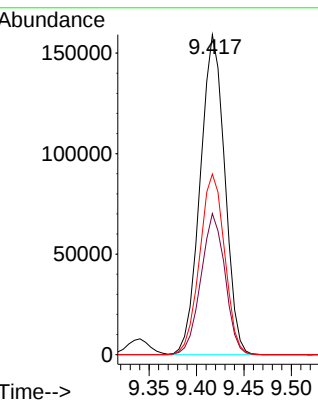
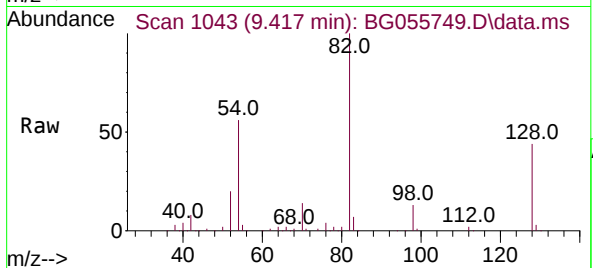
54 56.4 47.3 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#24

Nitrobenzene

Concen: 46.442 ng

RT: 9.458 min Scan# 1050

Delta R.T. -0.004 min

Lab File: BG055749.D

Acq: 22 Nov 2022 21:22

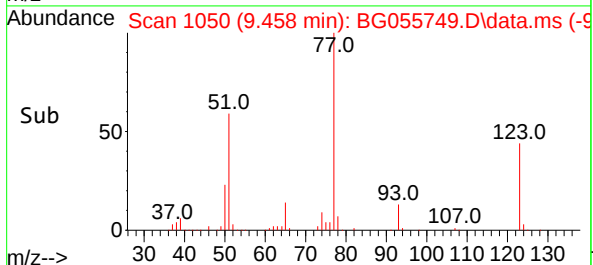
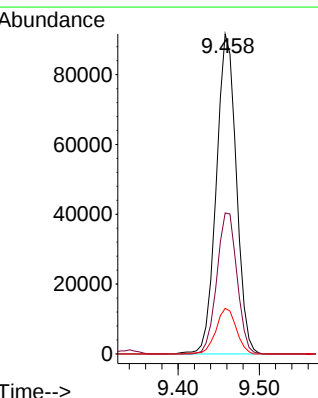
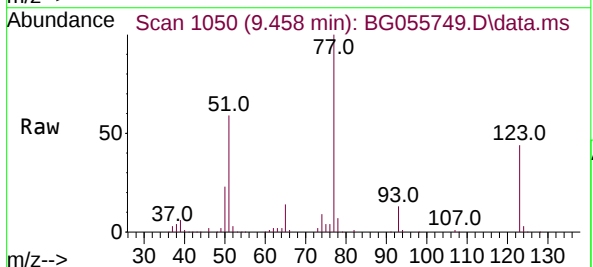
Tgt Ion: 77 Resp: 156569

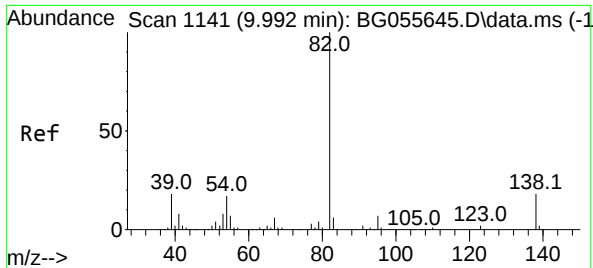
Ion Ratio Lower Upper

77 100

123 44.0 35.5 53.3

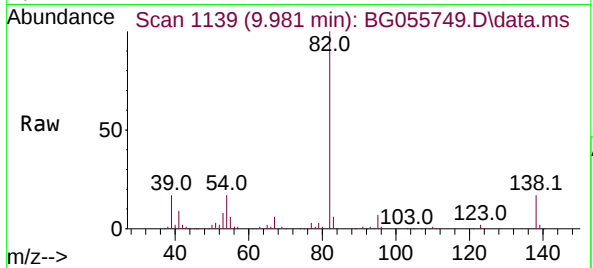
65 14.2 11.5 17.3





#25
Isophorone
Concen: 47.985 ng
RT: 9.981 min Scan# 1141
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

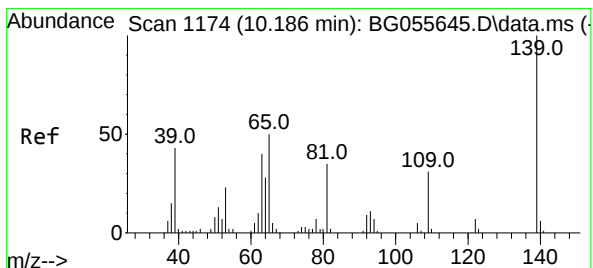
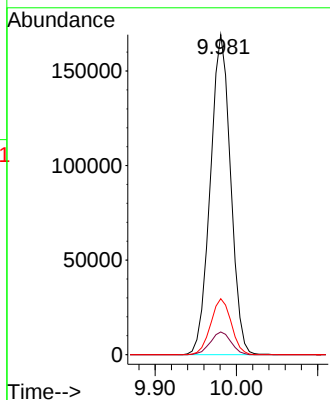
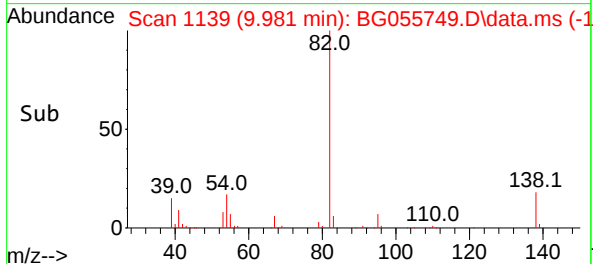
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion: 82 Resp: 29344
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.5 14.2 21.4

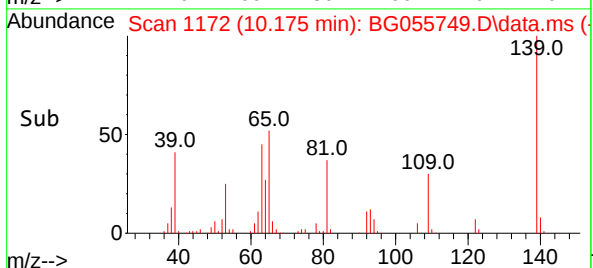
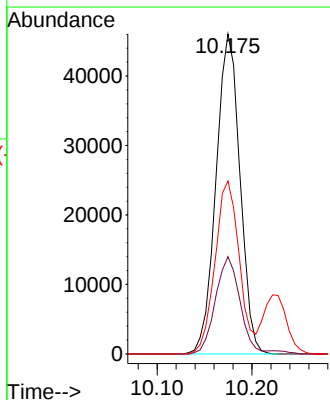
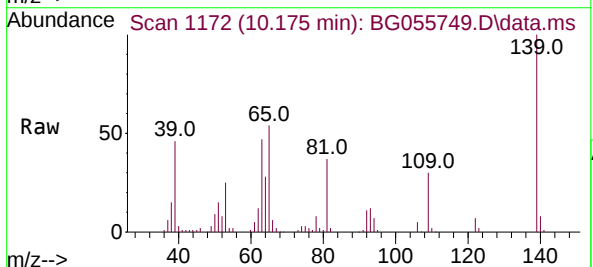
Manual Integrations
APPROVED

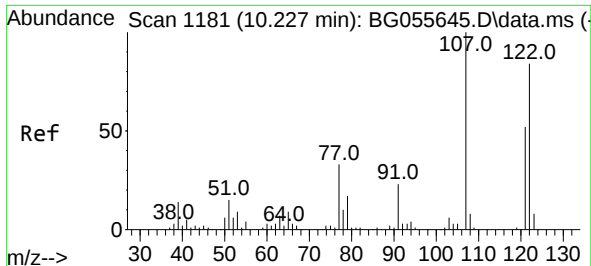
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#26
2-Nitrophenol
Concen: 51.906 ng
RT: 10.175 min Scan# 1172
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Tgt Ion:139 Resp: 80781
Ion Ratio Lower Upper
139 100
109 30.4 24.4 36.6
65 54.0 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 58.029 ng m

RT: 10.222 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BG055749.D

Acq: 22 Nov 2022 21:22

Instrument :

BNA_G

ClientSampleId :

VNJ-228MS

Tgt Ion:122 Resp: 137448

Ion Ratio Lower Upper

122 100

107 123.9 95.8 143.6

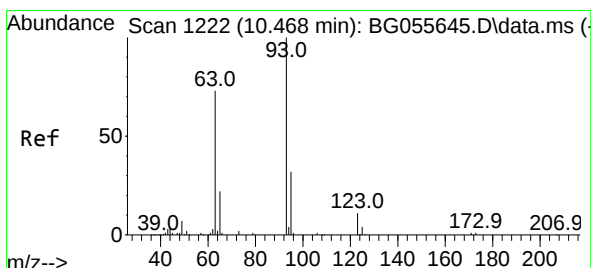
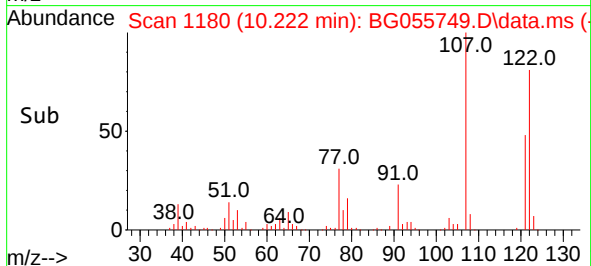
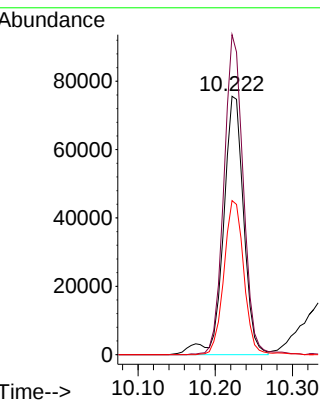
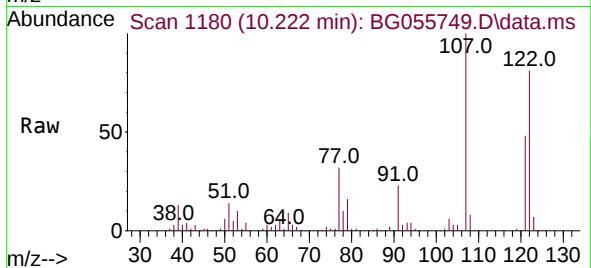
121 59.6 49.6 74.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.347 ng

RT: 10.457 min Scan# 1220

Delta R.T. 0.002 min

Lab File: BG055749.D

Acq: 22 Nov 2022 21:22

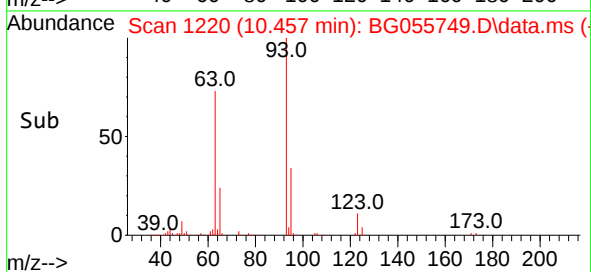
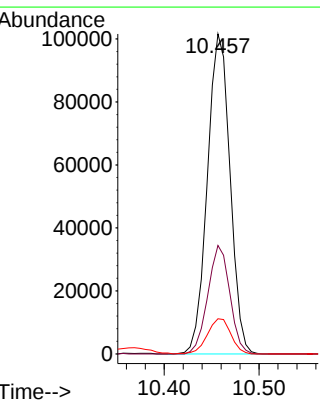
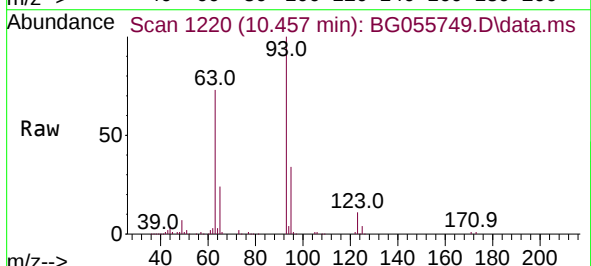
Tgt Ion: 93 Resp: 168572

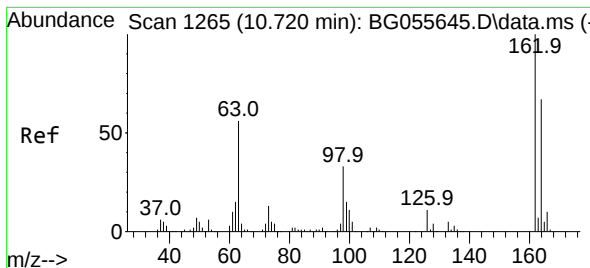
Ion Ratio Lower Upper

93 100

95 33.9 25.7 38.5

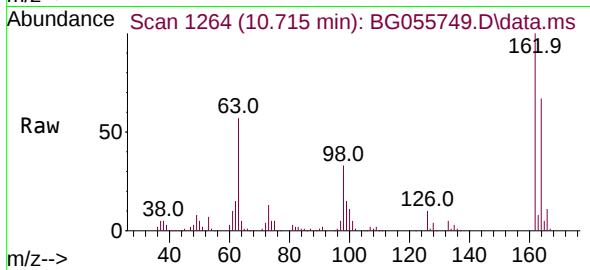
123 11.0 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 51.250 ng
RT: 10.715 min Scan# 1264
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

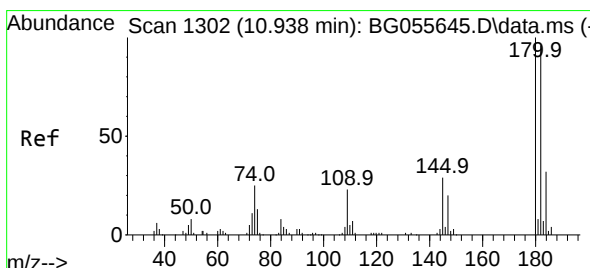
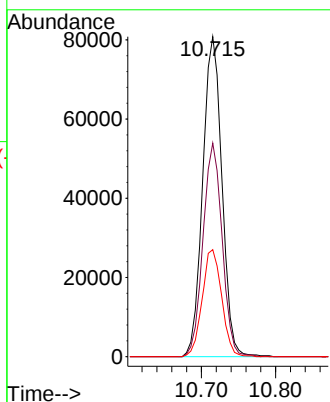
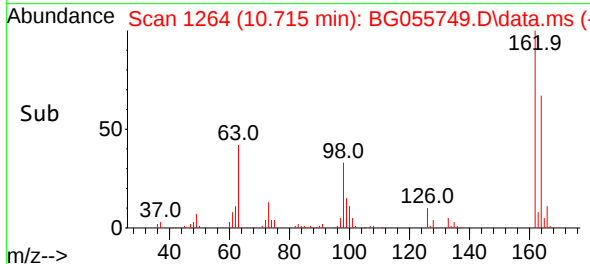
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



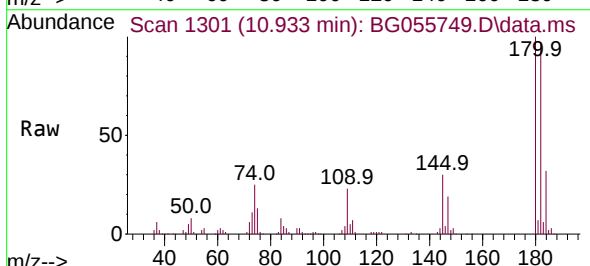
Tgt Ion:162 Resp: 145293
Ion Ratio Lower Upper
162 100
164 66.7 46.7 86.7
98 33.4 12.8 52.8

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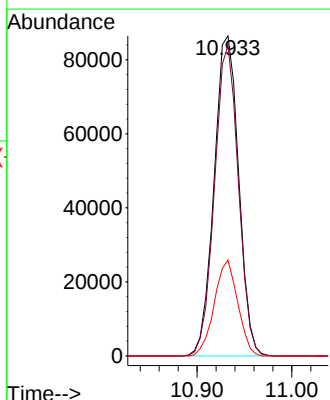
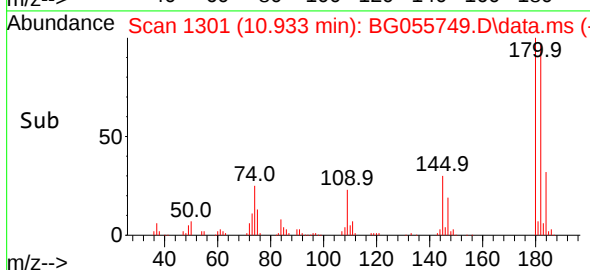
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

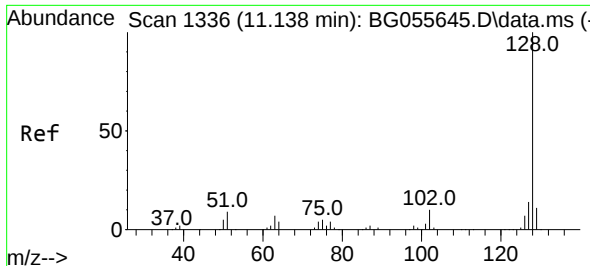


#30
1,2,4-Trichlorobenzene
Concen: 47.252 ng
RT: 10.933 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



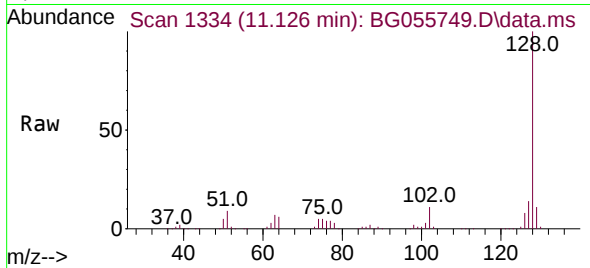
Tgt Ion:180 Resp: 155633
Ion Ratio Lower Upper
180 100
182 97.1 77.1 115.7
145 29.9 22.9 34.3





#31
Naphthalene
Concen: 46.849 ng
RT: 11.126 min Scan# 1336
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

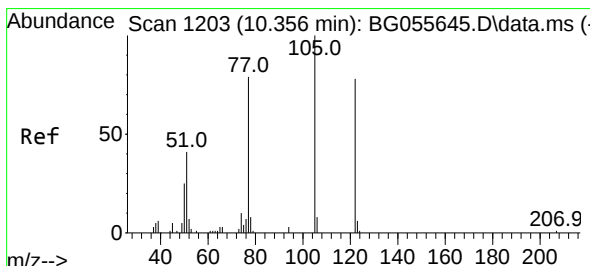
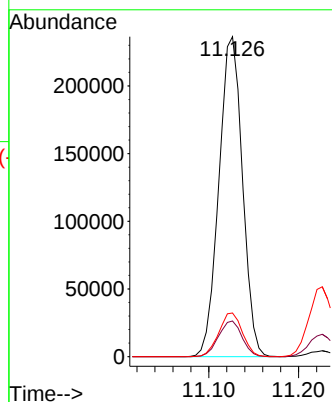
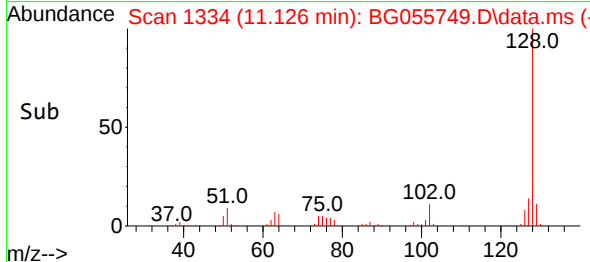
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:128 Resp: 432038
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.9 16.3

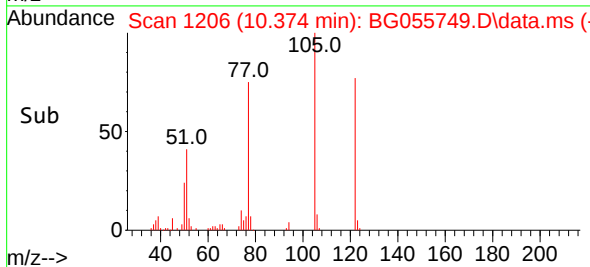
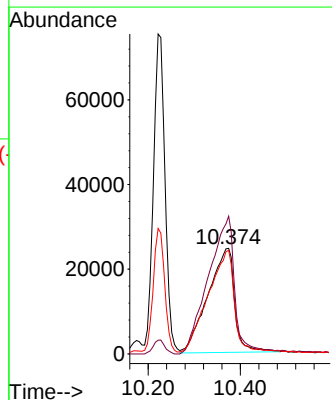
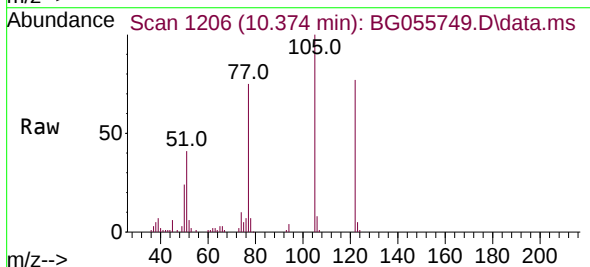
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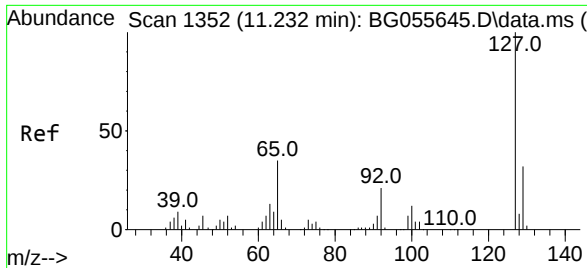
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#32
Benzoic acid
Concen: 50.899 ng
RT: 10.374 min Scan# 1206
Delta R.T. 0.013 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

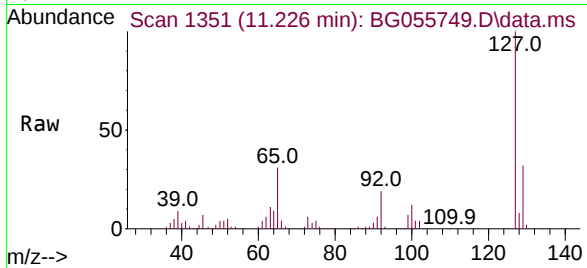
Tgt Ion:122 Resp: 99188
Ion Ratio Lower Upper
122 100
105 130.4 104.3 144.3
77 98.2 79.9 119.9





#33
4-Chloroaniline
Concen: 26.251 ng
RT: 11.226 min Scan# 1351
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

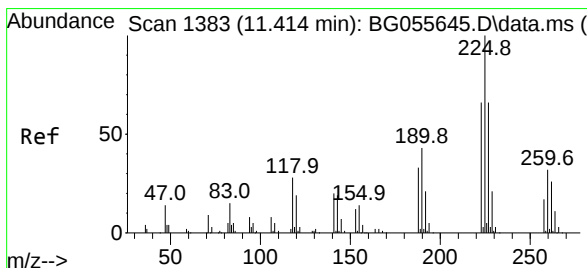
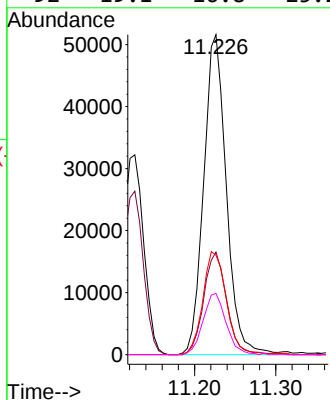
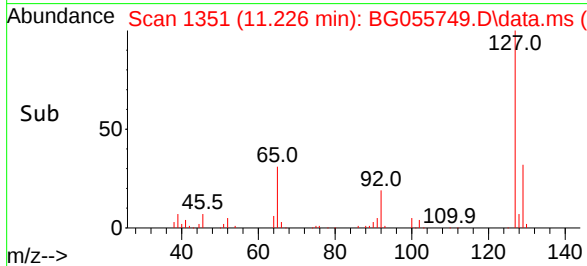


Tgt Ion:127 Resp: 99863

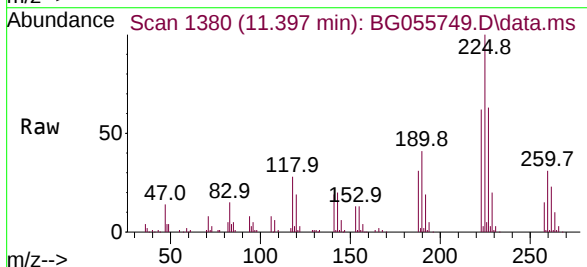
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	31.1	27.9	41.9
92	19.1	16.8	25.2

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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

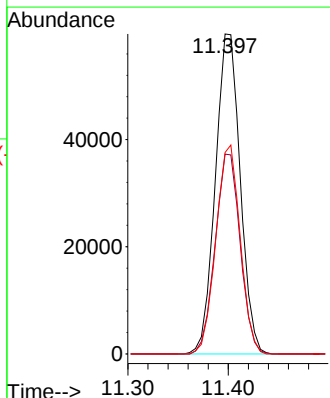
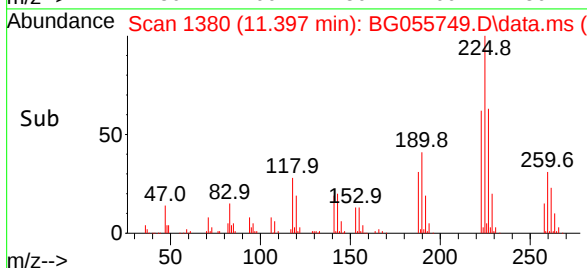


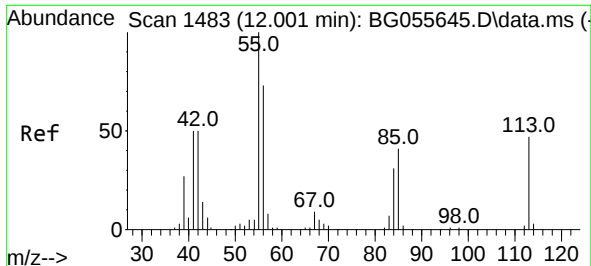
#34
Hexachlorobutadiene
Concen: 45.726 ng
RT: 11.397 min Scan# 1380
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



Tgt Ion:225 Resp: 102839

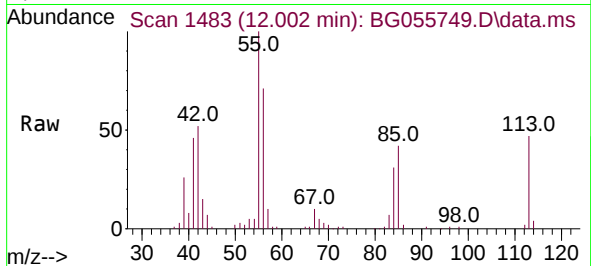
Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.9	79.3
227	62.9	52.6	79.0





#35
 Caprolactam
 Concen: 47.240 ng m
 RT: 12.002 min Scan# 1483
 Delta R.T. 0.007 min
 Lab File: BG055749.D
 Acq: 22 Nov 2022 21:22

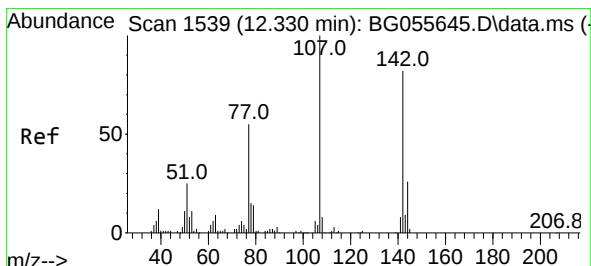
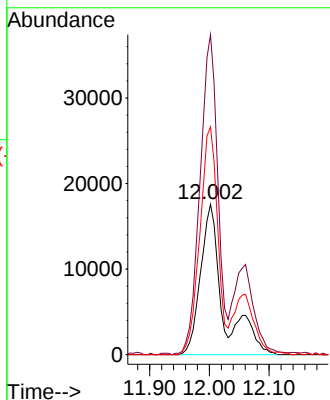
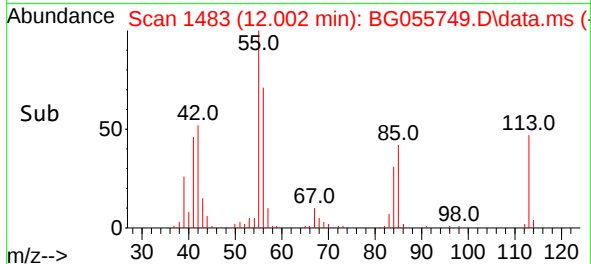
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MS



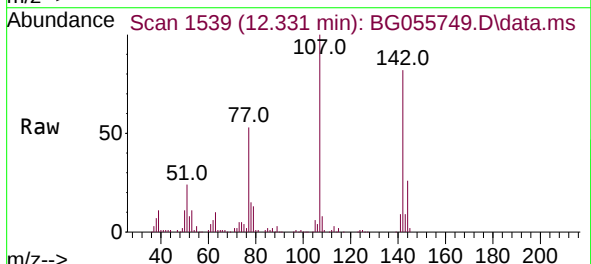
Tgt Ion:113 Resp: 46345
 Ion Ratio Lower Upper
 113 100
 55 213.0 193.5 233.5
 56 151.6 135.2 175.2

Manual Integrations
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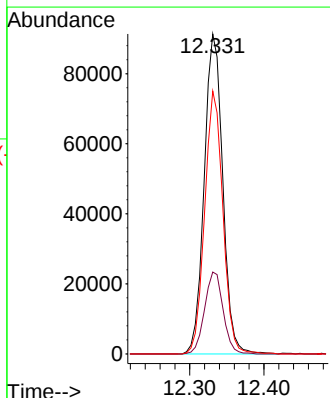
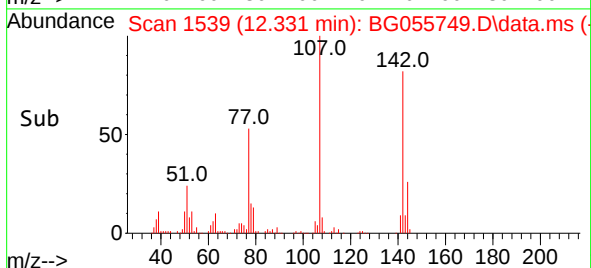
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

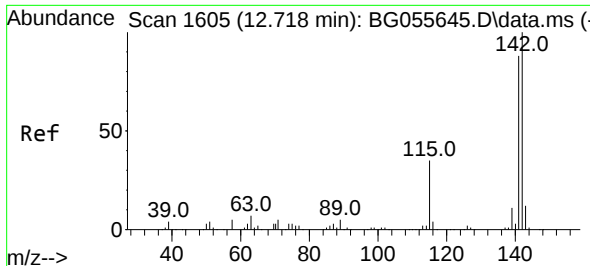


#36
 4-Chloro-3-methylphenol
 Concen: 50.826 ng
 RT: 12.331 min Scan# 1539
 Delta R.T. 0.002 min
 Lab File: BG055749.D
 Acq: 22 Nov 2022 21:22



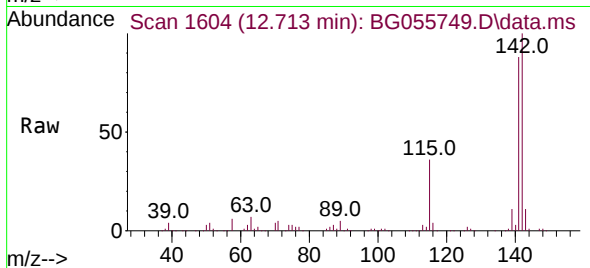
Tgt Ion:107 Resp: 158370
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.0 31.4
 142 82.1 65.9 98.9





#37
2-Methylnaphthalene
Concen: 47.162 ng
RT: 12.713 min Scan# 1604
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

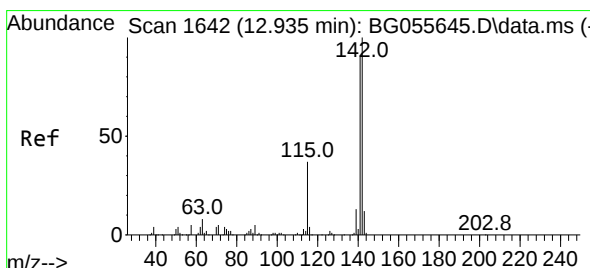
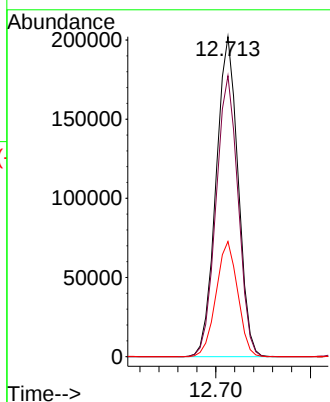
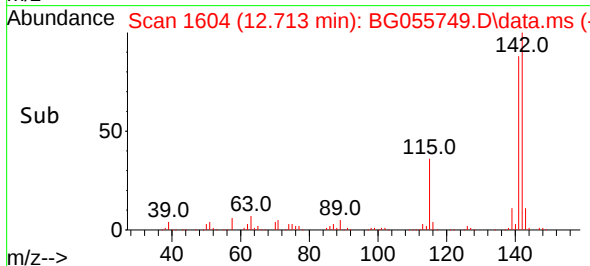
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



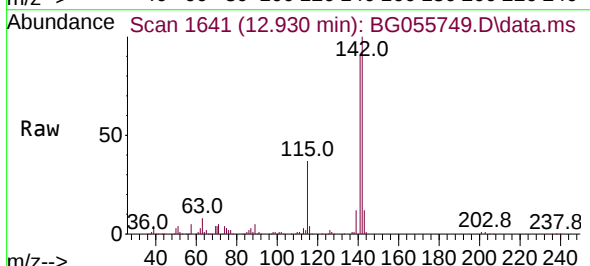
Tgt Ion:142 Resp: 325643
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 36.0 27.9 41.9

Manual Integrations
APPROVED

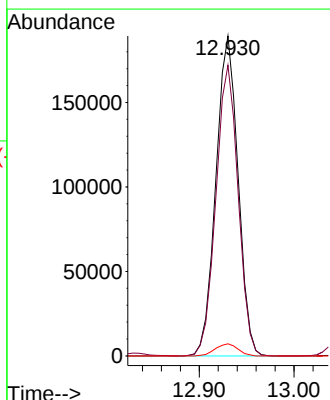
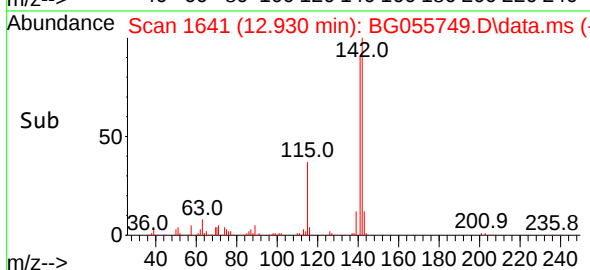
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

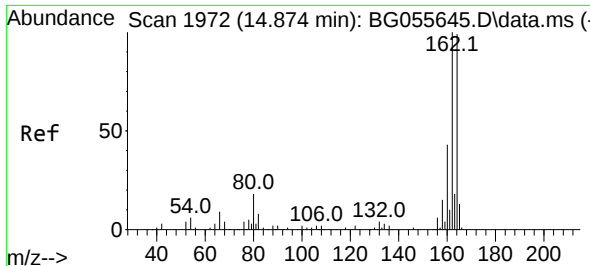


#38
1-Methylnaphthalene
Concen: 45.871 ng
RT: 12.930 min Scan# 1641
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



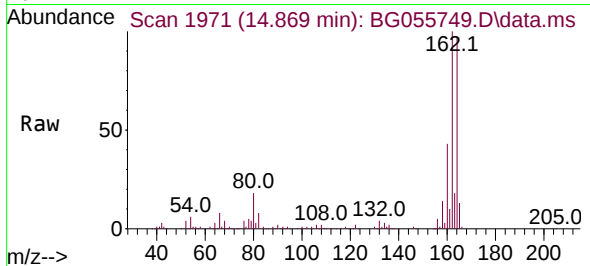
Tgt Ion:142 Resp: 307481
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4
116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

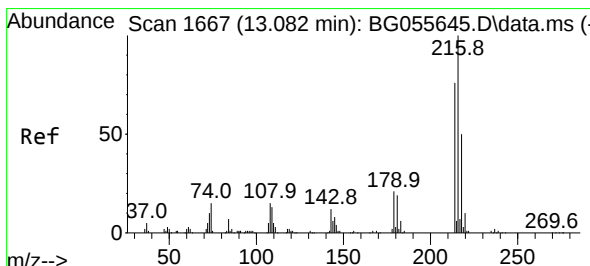
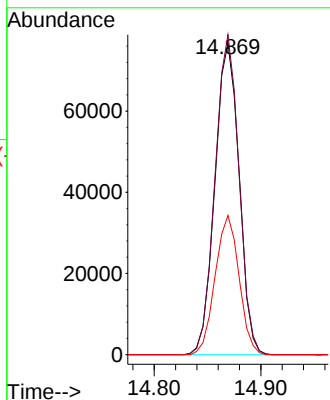
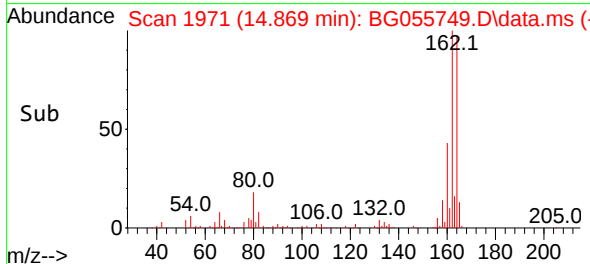
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:164 Resp: 121033
Ion Ratio Lower Upper
164 100
162 102.8 81.1 121.7
160 44.7 34.8 52.2

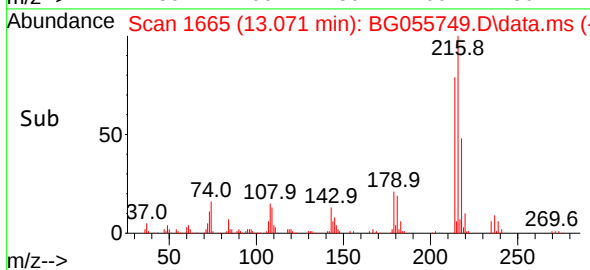
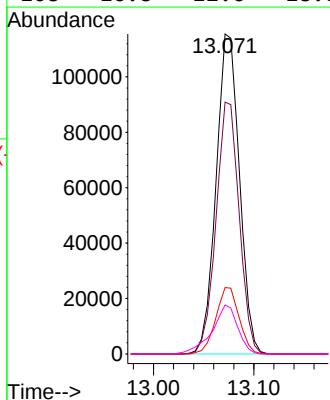
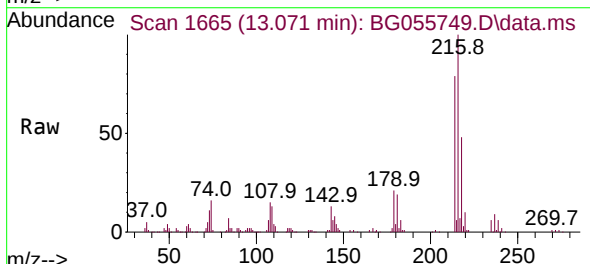
Manual Integrations
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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.146 ng
RT: 13.071 min Scan# 1665
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

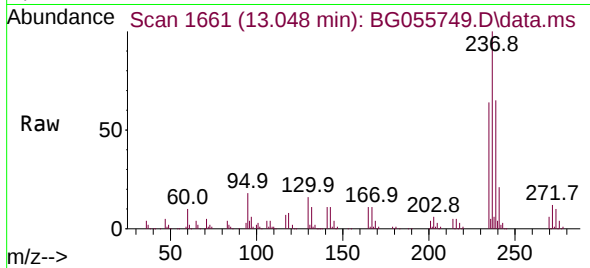
Tgt Ion:216 Resp: 186927
Ion Ratio Lower Upper
216 100
214 77.8 62.1 93.1
179 20.6 16.5 24.7
108 16.8 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 83.744 ng
RT: 13.048 min Scan# 1661
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

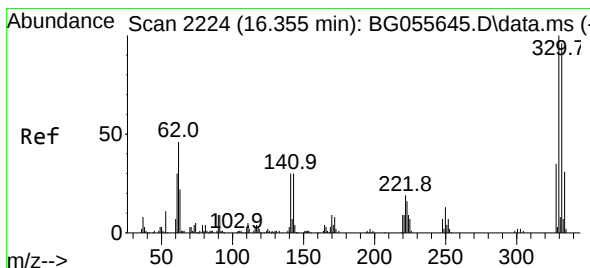
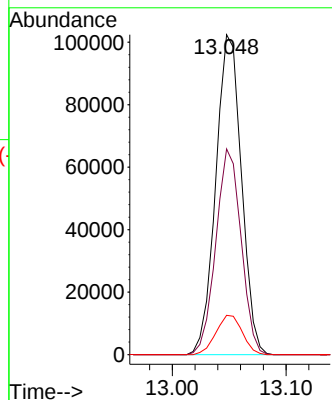
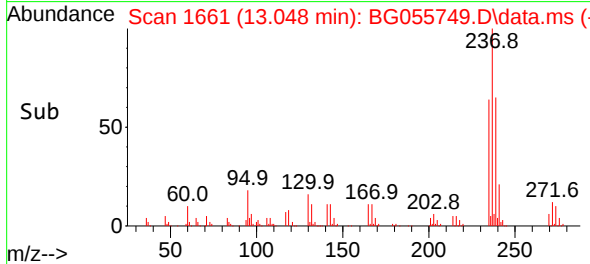
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



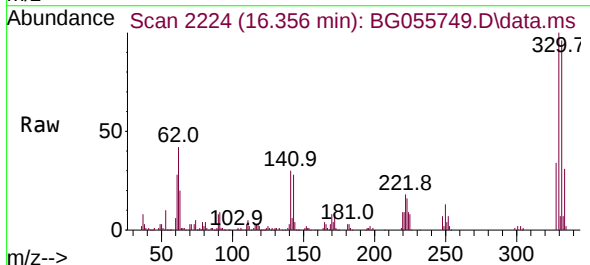
Tgt Ion:237 Resp: 160537
Ion Ratio Lower Upper
237 100
235 64.3 43.7 83.7
272 12.3 0.0 33.6

Manual Integrations
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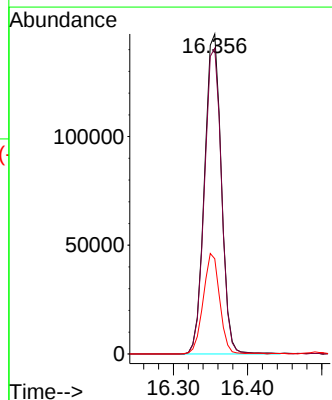
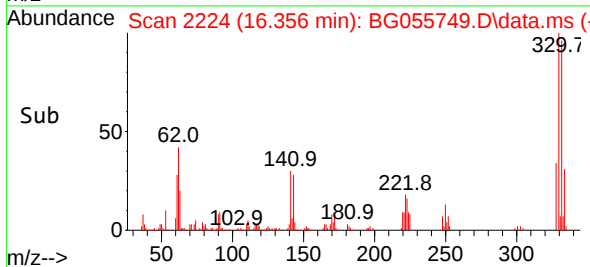
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

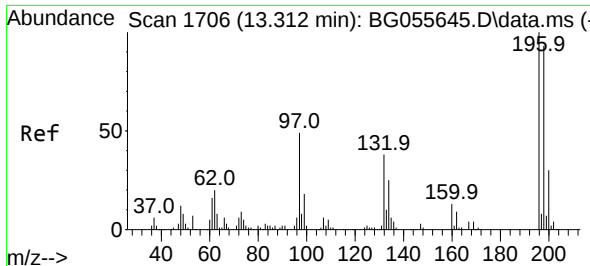


#42
2,4,6-Tribromophenol
Concen: 135.800 ng
RT: 16.356 min Scan# 2224
Delta R.T. 0.007 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



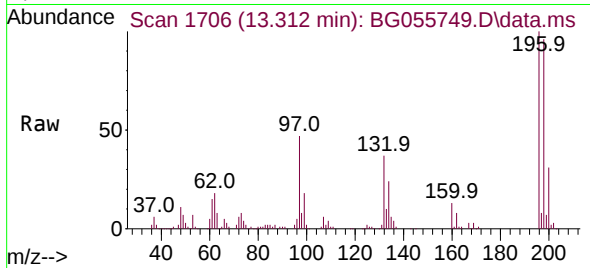
Tgt Ion:330 Resp: 231444
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 30.6 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 49.236 ng
RT: 13.312 min Scan# 1706
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

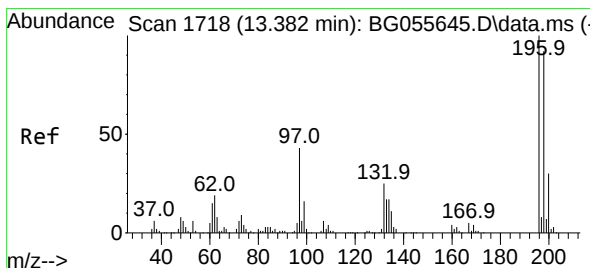
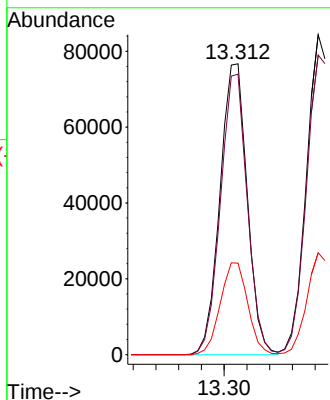
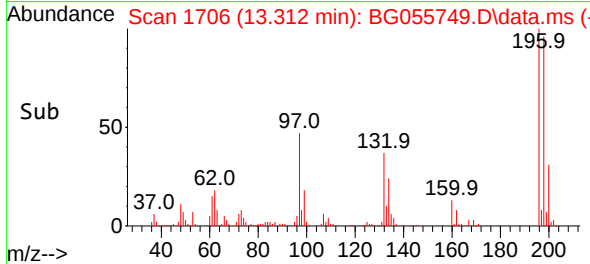
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



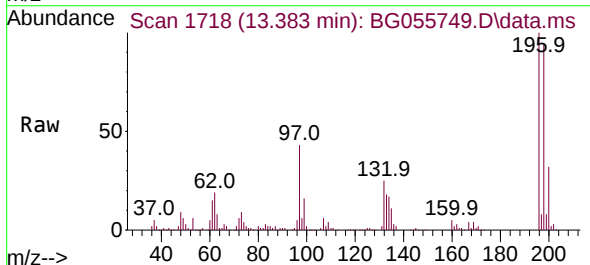
Tgt Ion:196 Resp: 127744
Ion Ratio Lower Upper
196 100
198 96.4 74.6 112.0
200 31.5 23.7 35.5

Manual Integrations
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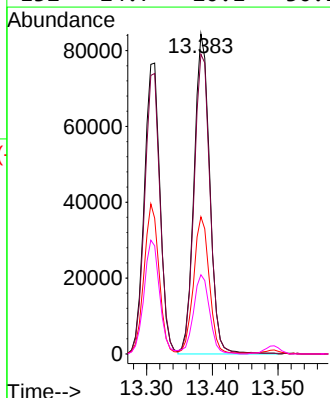
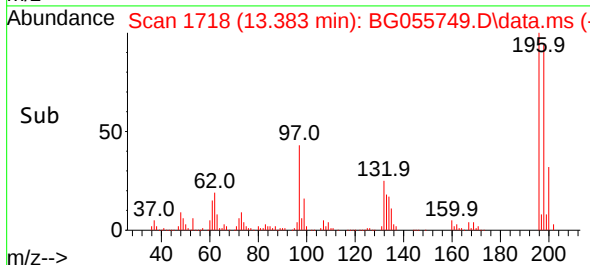
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

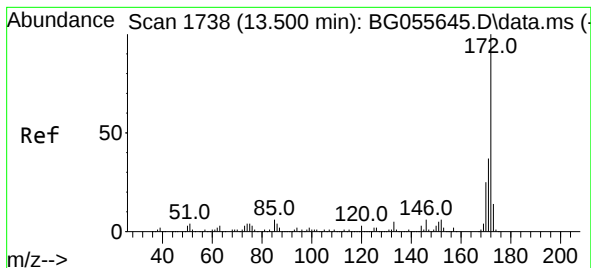


#44
2,4,5-Trichlorophenol
Concen: 48.971 ng
RT: 13.383 min Scan# 1718
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



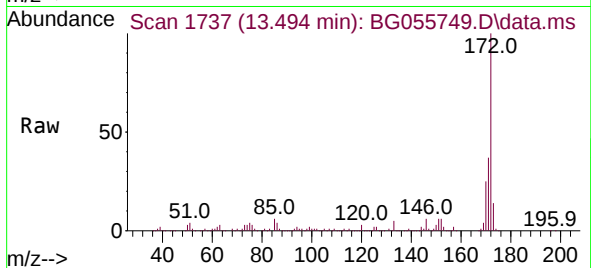
Tgt Ion:196 Resp: 139625
Ion Ratio Lower Upper
196 100
198 93.6 74.1 111.1
97 42.8 34.8 52.2
132 24.7 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 84.259 ng
RT: 13.494 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

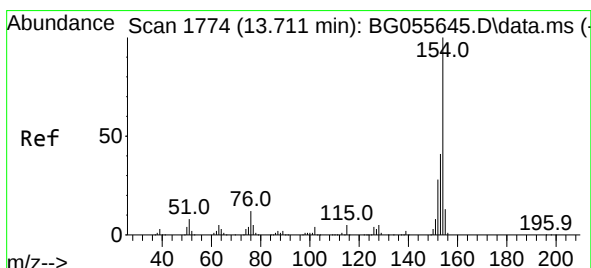
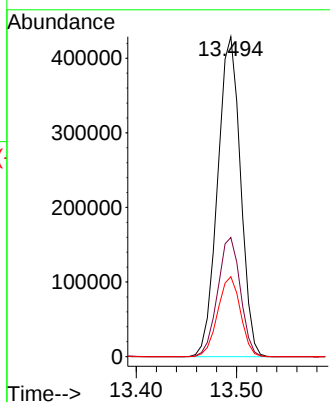
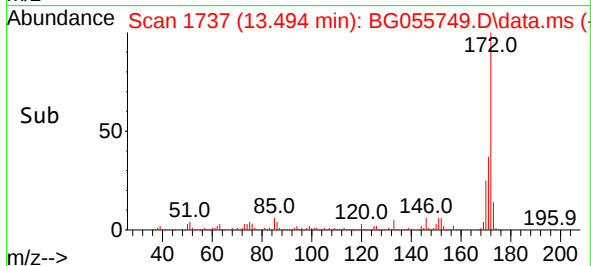
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



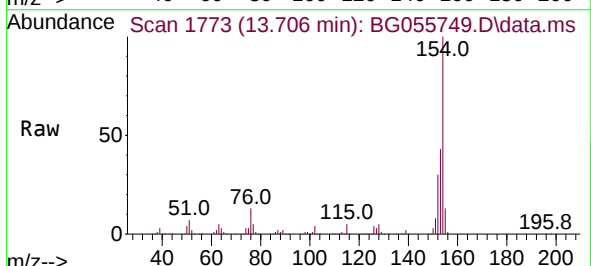
Tgt Ion:172 Resp: 680721
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.0 20.2 30.4

Manual Integrations
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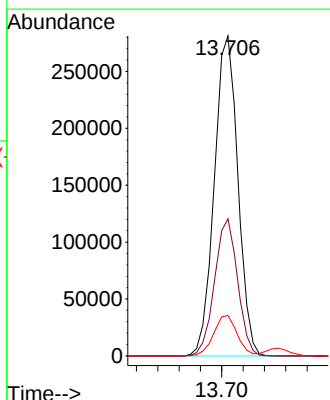
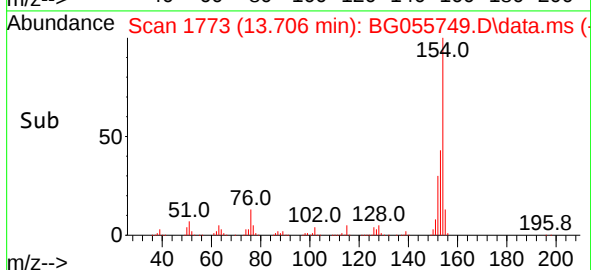
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

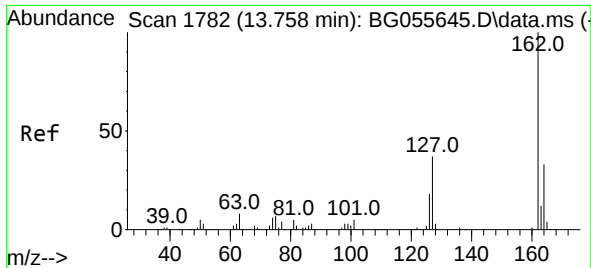


#46
1,1'-Biphenyl
Concen: 48.973 ng
RT: 13.706 min Scan# 1773
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



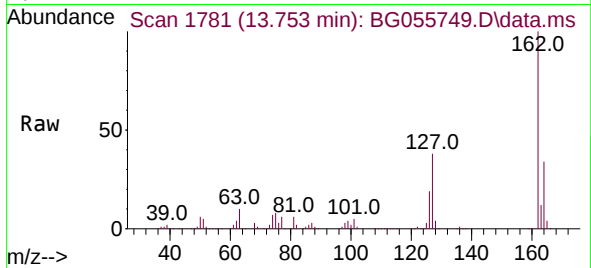
Tgt Ion:154 Resp: 431932
Ion Ratio Lower Upper
154 100
153 42.8 20.6 60.6
76 12.6 0.0 32.4





#47
2-Chloronaphthalene
Concen: 48.395 ng
RT: 13.753 min Scan# 1782
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

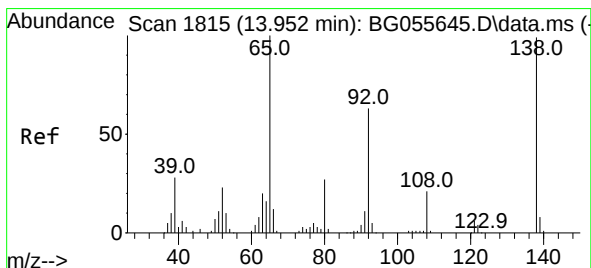
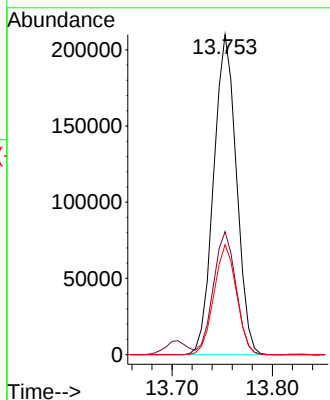
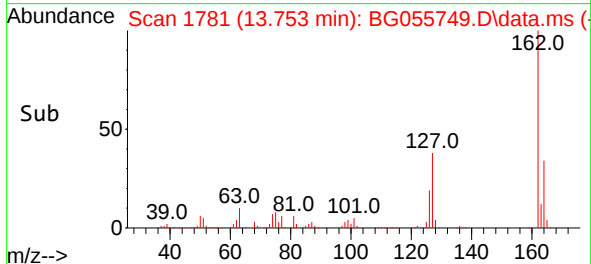
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:162 Resp: 331776
Ion Ratio Lower Upper
162 100
127 38.4 29.9 44.9
164 34.3 26.4 39.6

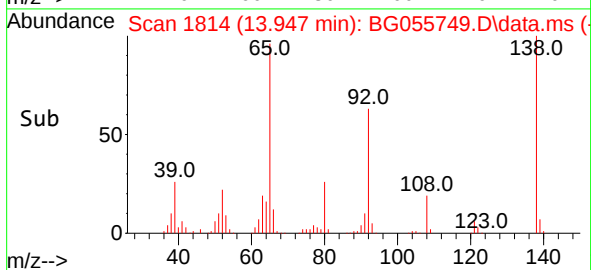
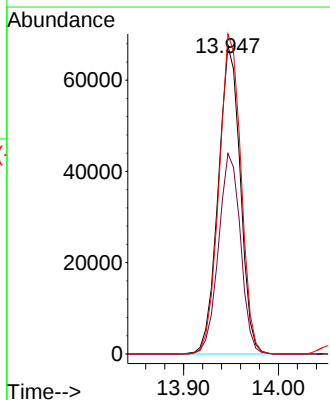
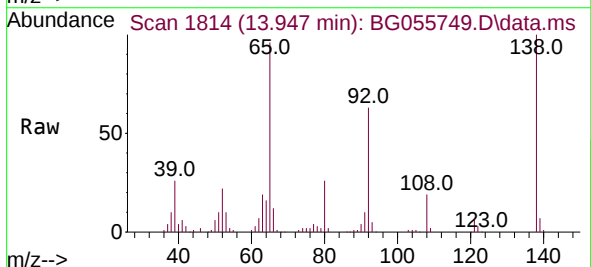
Manual Integrations
APPROVED

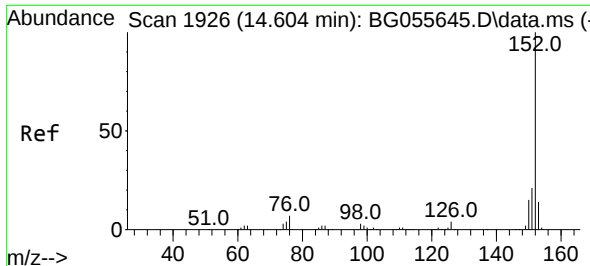
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#48
2-Nitroaniline
Concen: 48.391 ng
RT: 13.947 min Scan# 1814
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

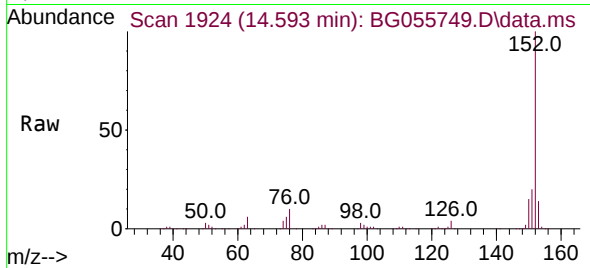
Tgt Ion: 65 Resp: 109067
Ion Ratio Lower Upper
65 100
92 65.0 50.1 75.1
138 103.7 79.4 119.0





#49
Acenaphthylene
Concen: 47.499 ng
RT: 14.593 min Scan# 1924
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

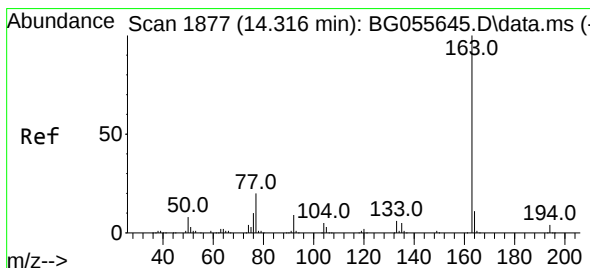
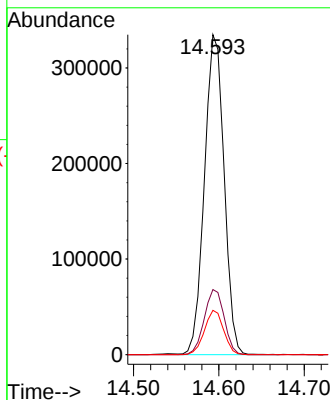
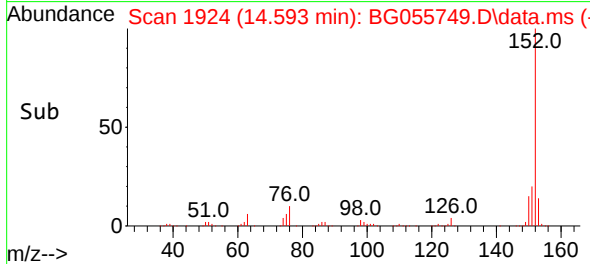
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



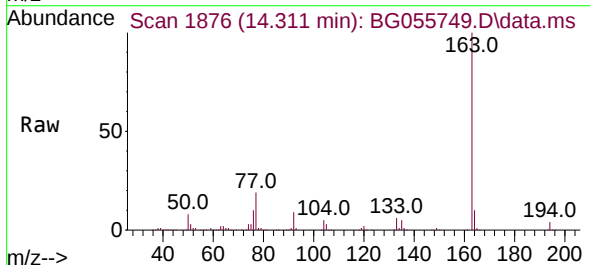
Tgt Ion:152 Resp: 536214
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 11.0 16.4

Manual Integrations
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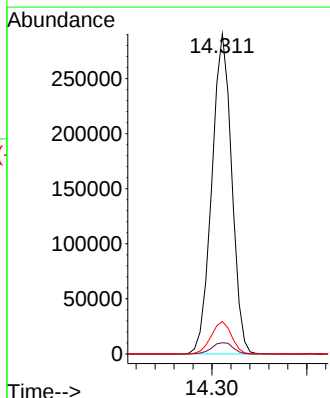
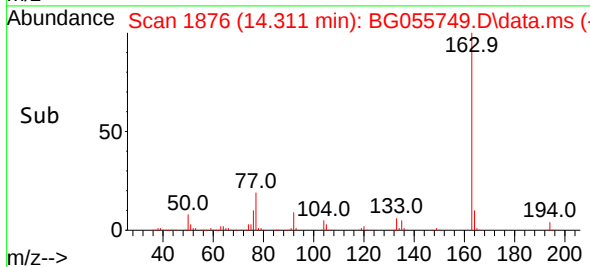
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

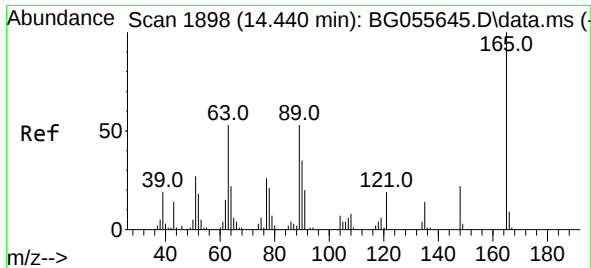


#50
Dimethylphthalate
Concen: 43.815 ng
RT: 14.311 min Scan# 1876
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



Tgt Ion:163 Resp: 422739
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.6 12.8





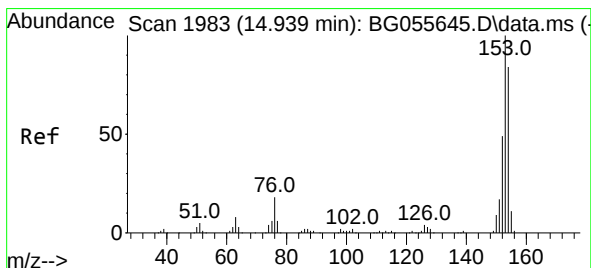
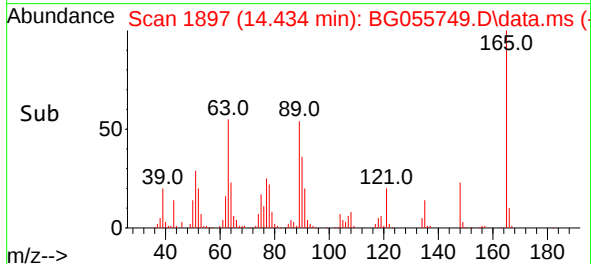
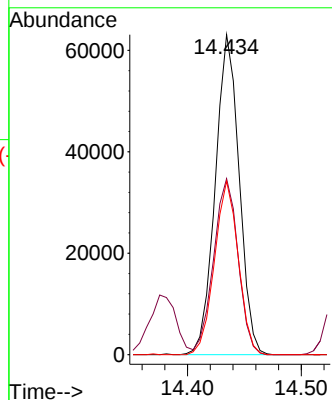
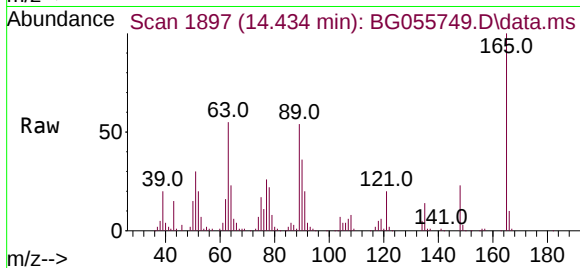
#51
2,6-Dinitrotoluene
Concen: 46.733 ng
RT: 14.434 min Scan# 1898
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

Tgt Ion:165 Resp: 92193
Ion Ratio Lower Upper
165 100
63 55.0 44.6 66.8
89 54.2 42.2 63.4

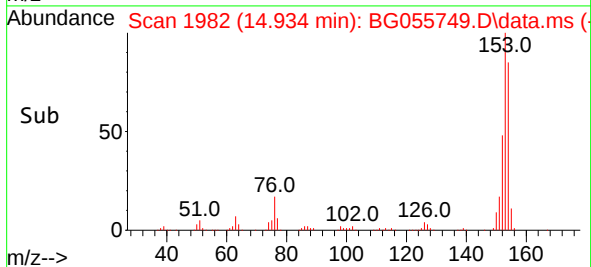
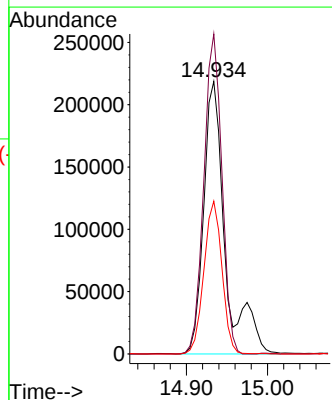
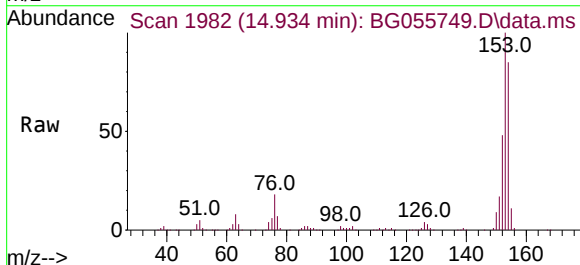
Manual Integrations
APPROVED

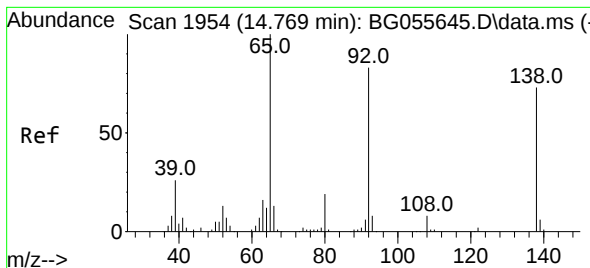
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#52
Acenaphthene
Concen: 54.737 ng m
RT: 14.934 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

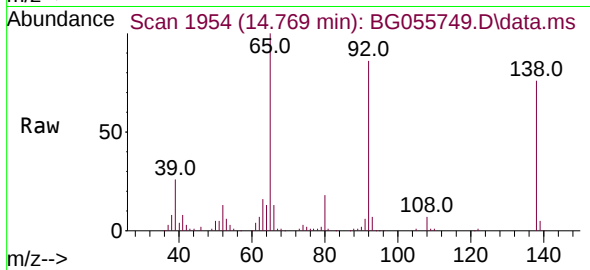
Tgt Ion:154 Resp: 403851
Ion Ratio Lower Upper
154 100
153 117.4 95.0 142.4
152 56.0 46.1 69.1





#53
3-Nitroaniline
Concen: 36.579 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

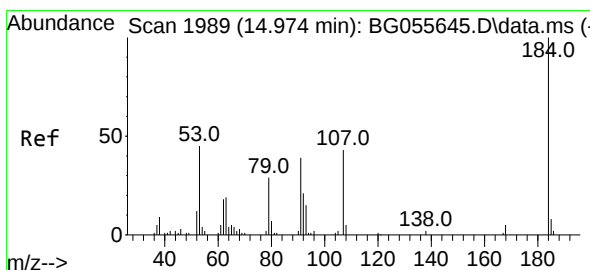
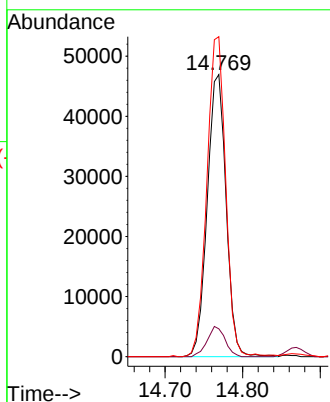
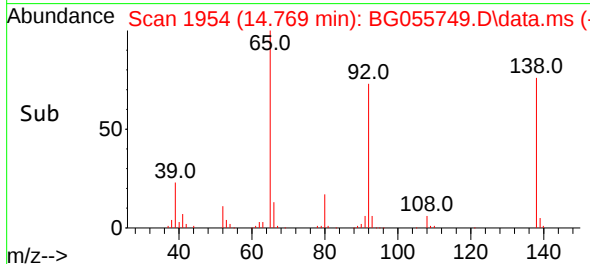
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



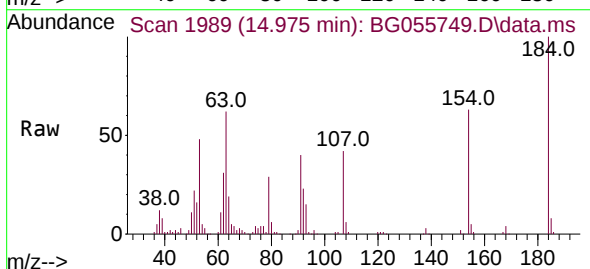
Tgt Ion:138 Resp: 79217
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 113.4 91.0 136.6

Manual Integrations
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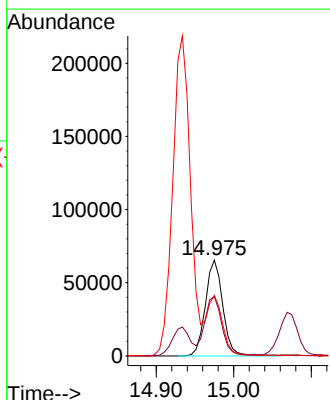
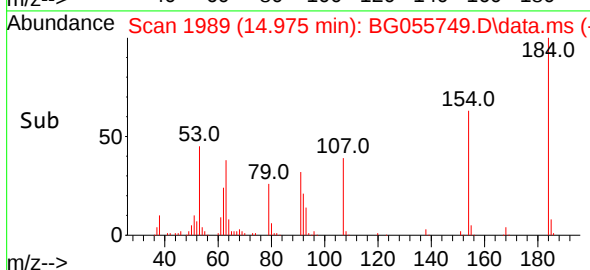
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#54
2,4-Dinitrophenol
Concen: 90.199 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



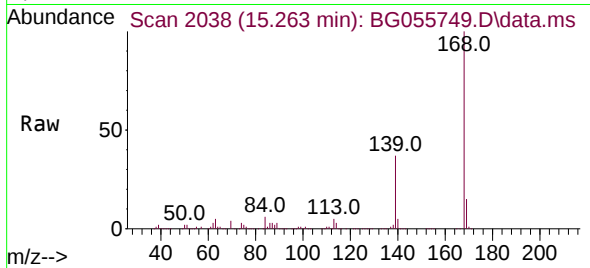
Tgt Ion:184 Resp: 102309
Ion Ratio Lower Upper
184 100
63 61.9 49.5 74.3
154 63.1 52.0 78.0





#55
Dibenzenofuran
Concen: 47.425 ng
RT: 15.263 min Scan# 2040
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

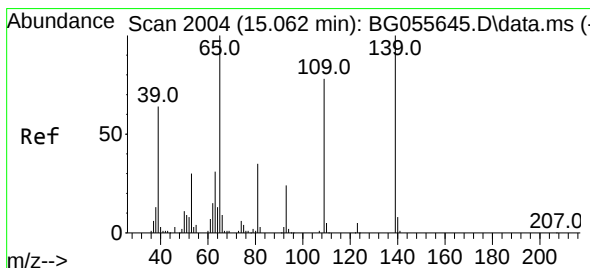
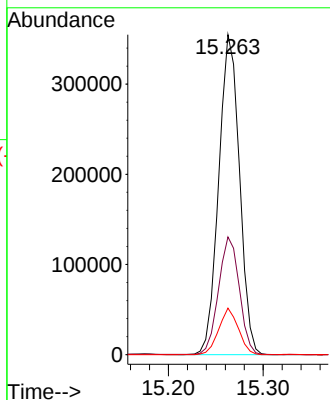
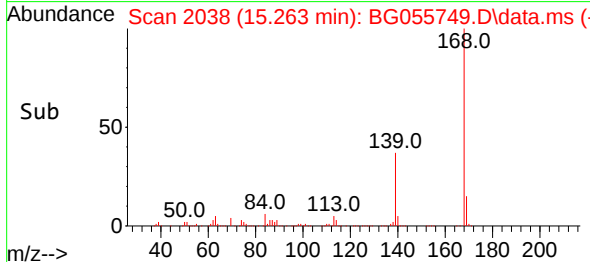
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:168 Resp: 539789
Ion Ratio Lower Upper
168 100
139 36.8 28.8 43.2
169 14.5 11.0 16.4

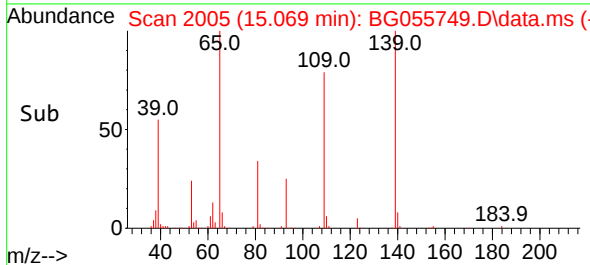
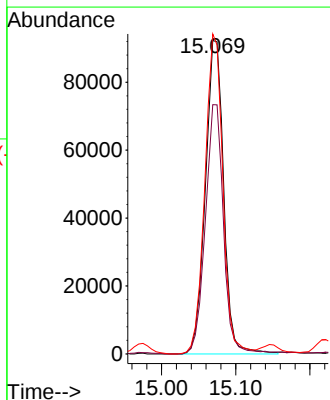
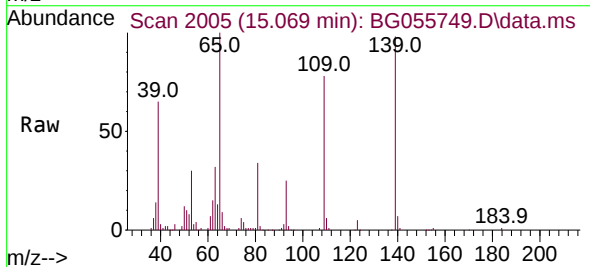
Manual Integrations
APPROVED

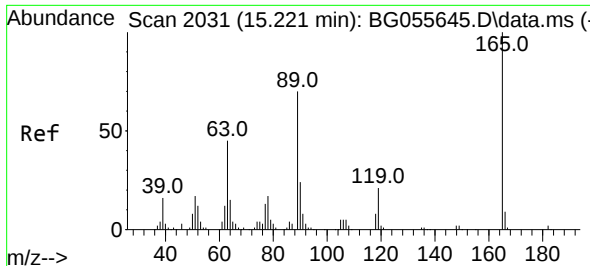
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#56
4-Nitrophenol
Concen: 92.917 ng
RT: 15.069 min Scan# 2005
Delta R.T. 0.007 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Tgt Ion:139 Resp: 157930
Ion Ratio Lower Upper
139 100
109 79.5 58.6 98.6
65 102.1 80.5 120.5





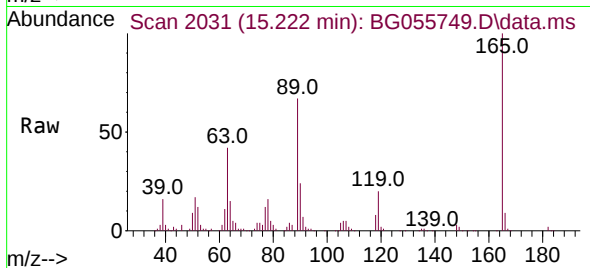
#57
2,4-Dinitrotoluene
Concen: 47.209 ng
RT: 15.222 min Scan# 2031
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :

BNA_G

ClientSampleId :

VNJ-228MS

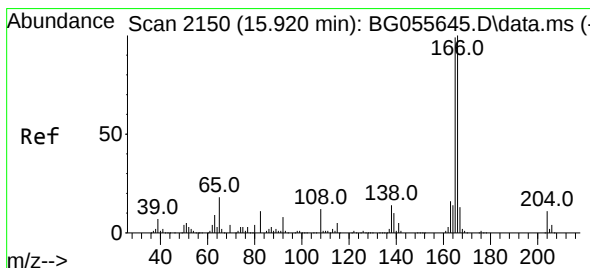
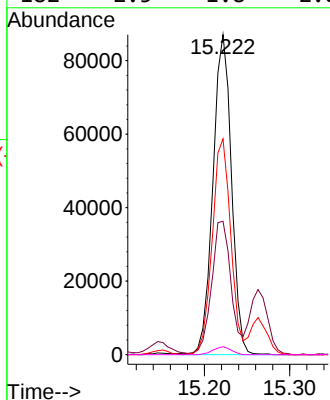
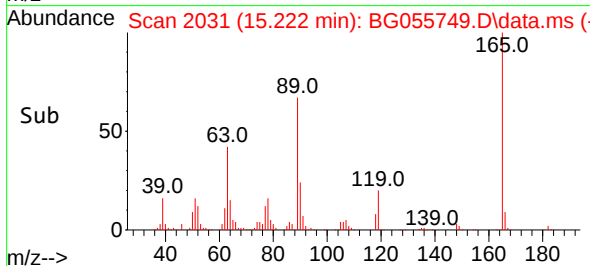


Tgt Ion:165 Resp: 131307
Ion Ratio Lower Upper
165 100
63 41.7 35.8 53.8
89 67.4 56.2 84.4
182 2.5 1.8 2.8

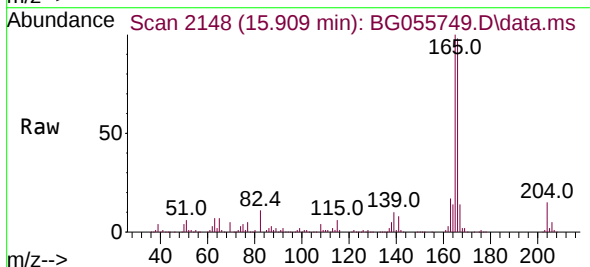
Manual Integrations

APPROVED

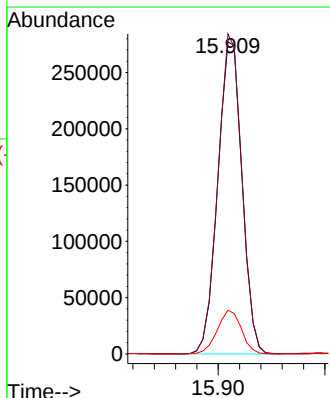
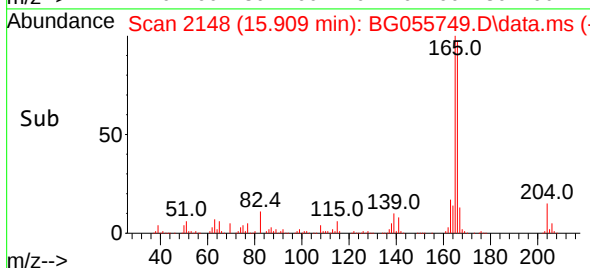
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

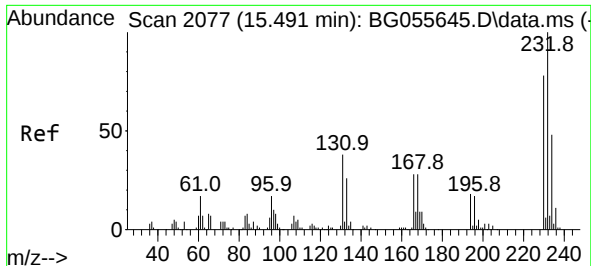


#58
Fluorene
Concen: 48.351 ng
RT: 15.909 min Scan# 2148
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



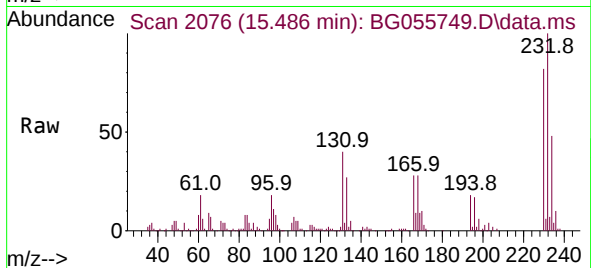
Tgt Ion:166 Resp: 439544
Ion Ratio Lower Upper
166 100
165 102.6 79.3 118.9
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.469 ng
RT: 15.486 min Scan# 2076
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

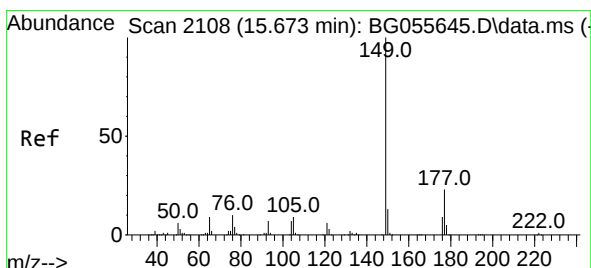
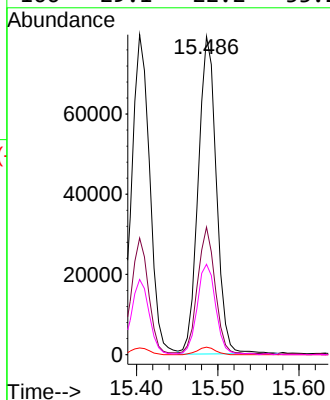
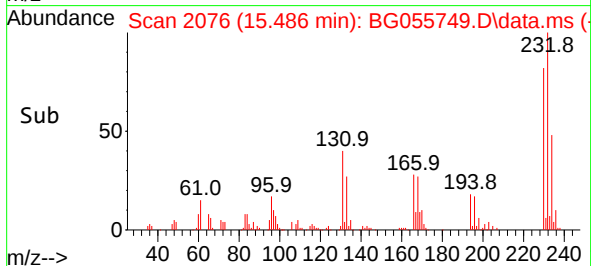
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



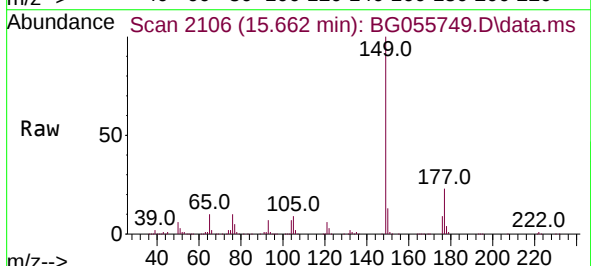
Tgt Ion:232 Resp: 12285
Ion Ratio Lower Upper
232 100
131 39.6 29.8 44.8
130 2.3 1.7 2.5
166 29.1 22.2 33.2

Manual Integrations
APPROVED

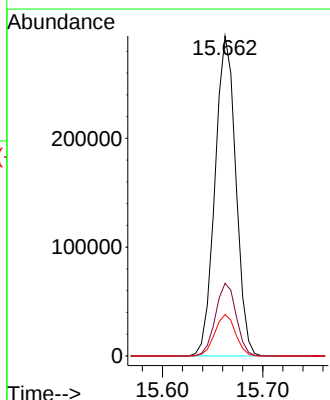
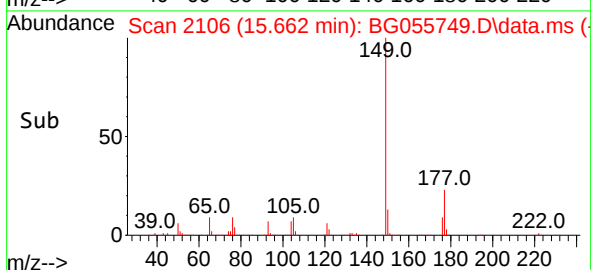
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

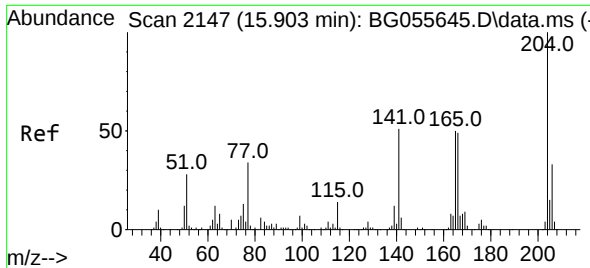


#60
Diethylphthalate
Concen: 43.464 ng
RT: 15.662 min Scan# 2106
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



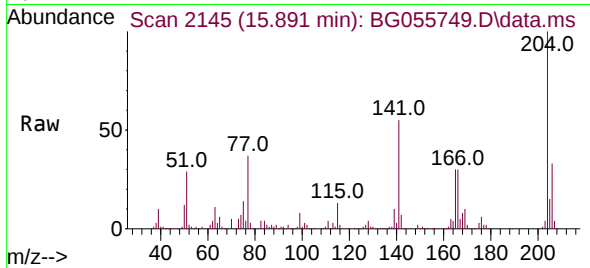
Tgt Ion:149 Resp: 423978
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.241 ng
RT: 15.891 min Scan# 2145
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

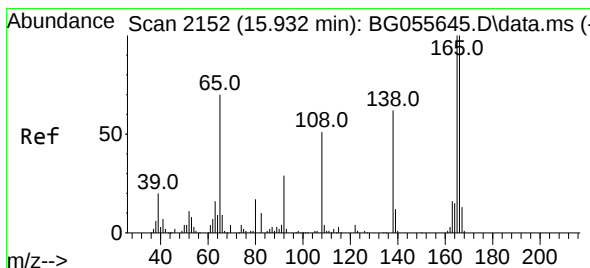
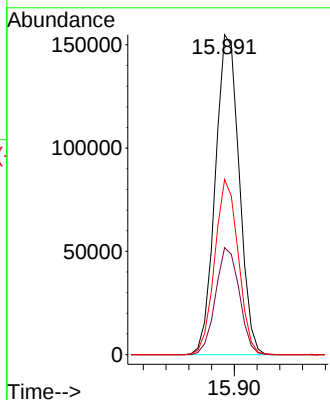
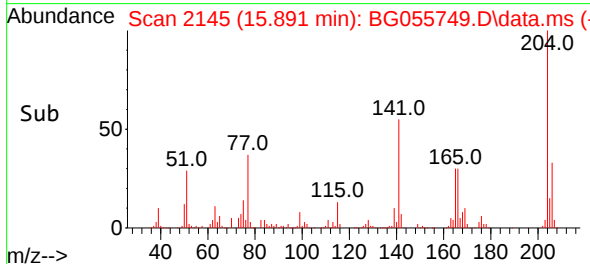
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



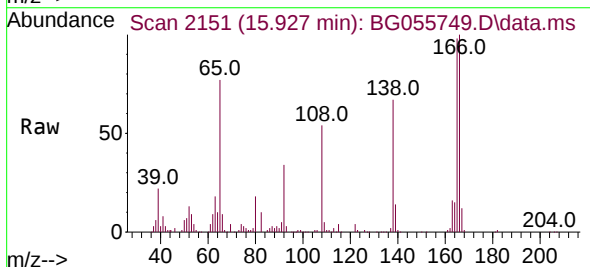
Tgt Ion:204 Resp: 226074
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 54.7 40.6 61.0

Manual Integrations
APPROVED

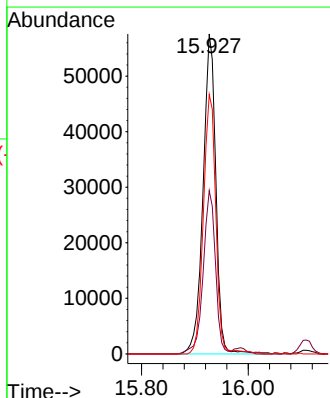
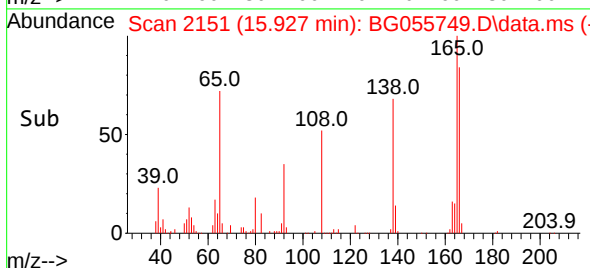
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

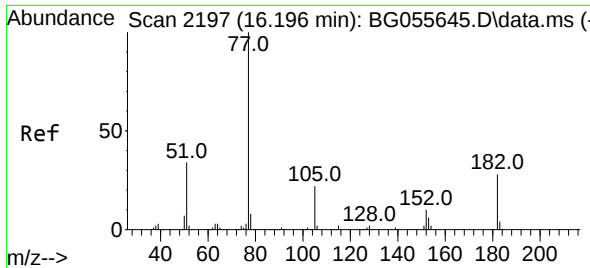


#62
4-Nitroaniline
Concen: 42.334 ng
RT: 15.927 min Scan# 2151
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



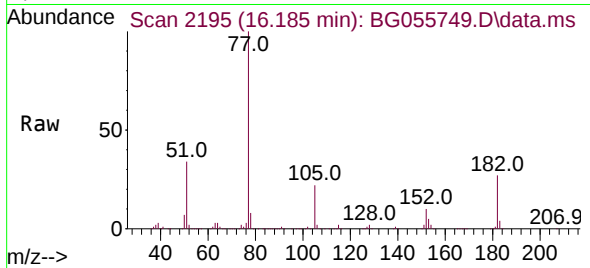
Tgt Ion:138 Resp: 95835
Ion Ratio Lower Upper
138 100
92 51.0 27.3 67.3
108 81.1 62.8 102.8





#63
Azobenzene
Concen: 48.377 ng
RT: 16.185 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

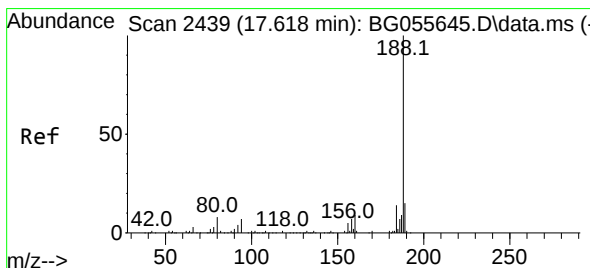
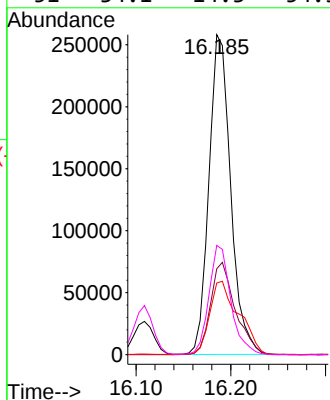
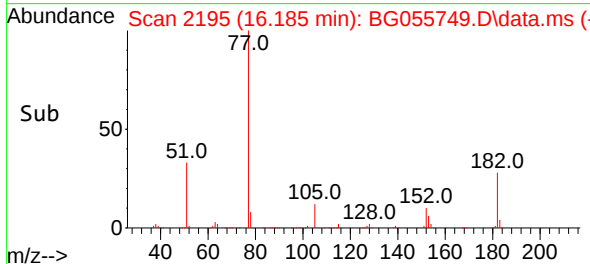
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



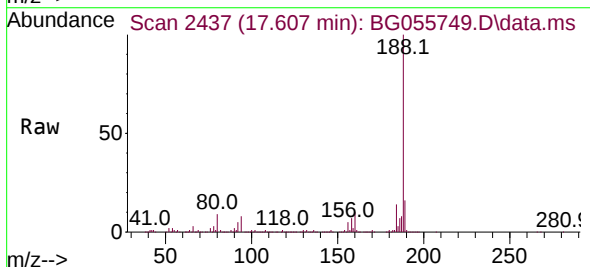
Tgt Ion: 77 Resp: 411989
Ion Ratio Lower Upper
77 100
182 26.8 8.1 48.1
105 22.4 1.8 41.8
51 34.1 14.3 54.3

Manual Integrations
APPROVED

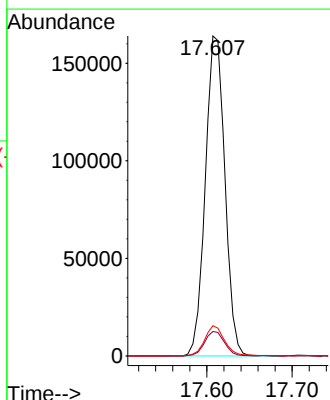
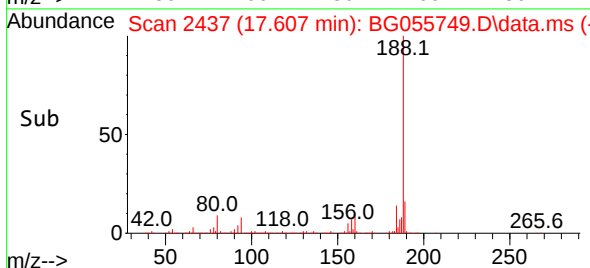
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

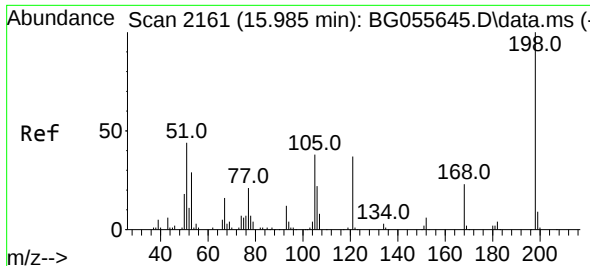


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



Tgt Ion:188 Resp: 260806
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 9.4 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.549 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :

BNA_G

ClientSampleId :

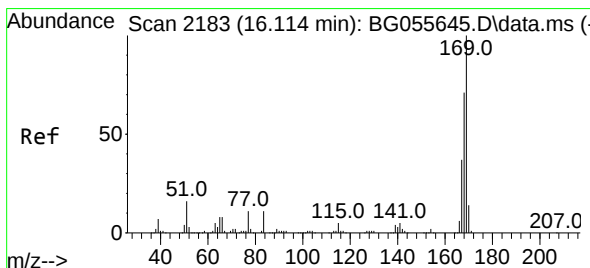
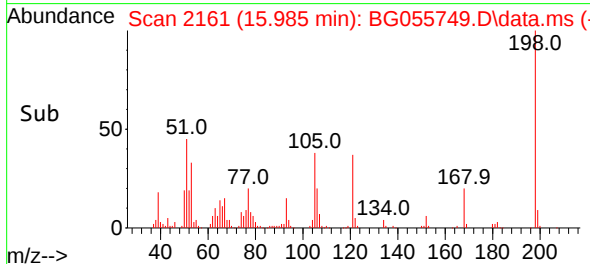
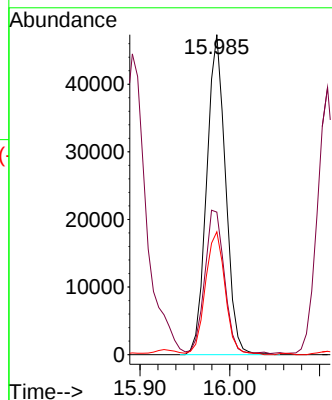
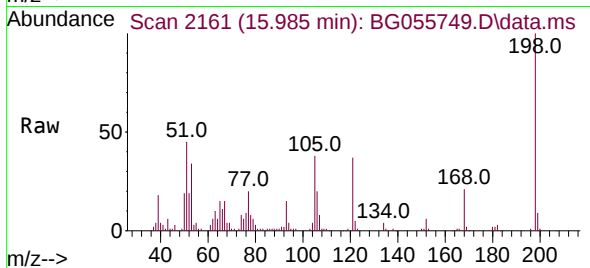
VNJ-228MS

Tgt Ion:198 Resp: 69246
Ion Ratio Lower Upper
198 100
51 44.5 27.7 67.7
105 38.4 19.3 59.3

Manual Integrations

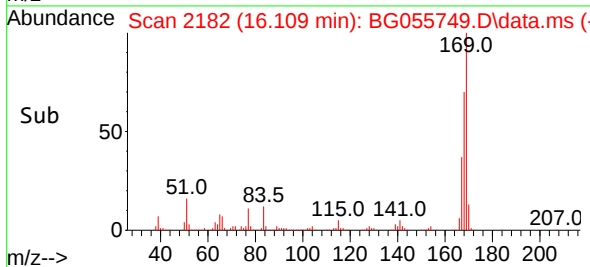
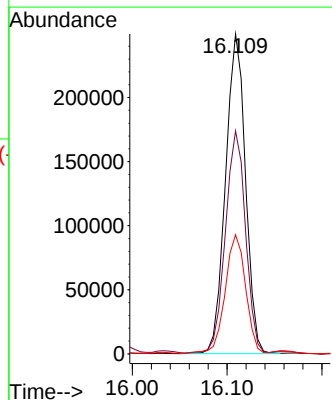
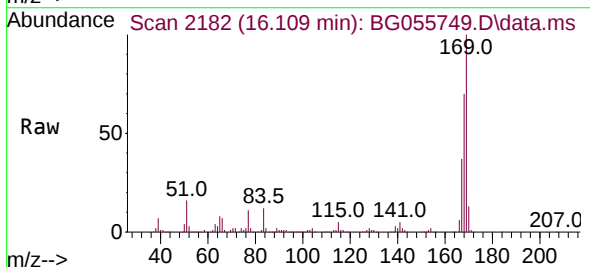
APPROVED

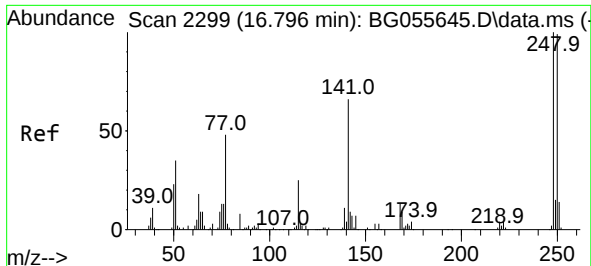
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#66
n-Nitrosodiphenylamine
Concen: 50.693 ng
RT: 16.109 min Scan# 2182
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

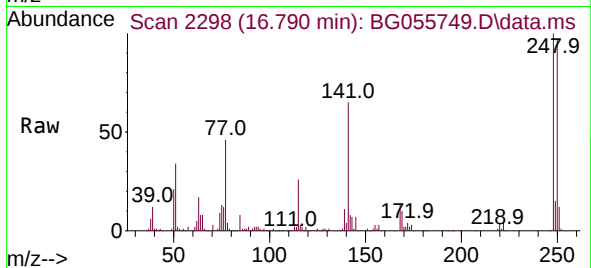
Tgt Ion:169 Resp: 364357
Ion Ratio Lower Upper
169 100
168 69.7 56.6 85.0
167 37.3 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 48.685 ng
RT: 16.790 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

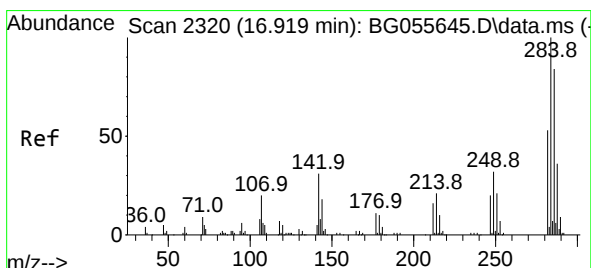
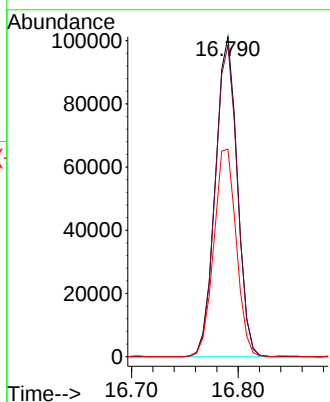
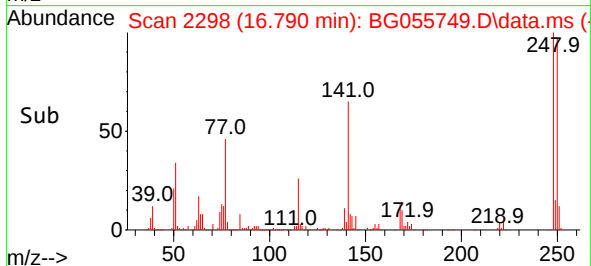
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



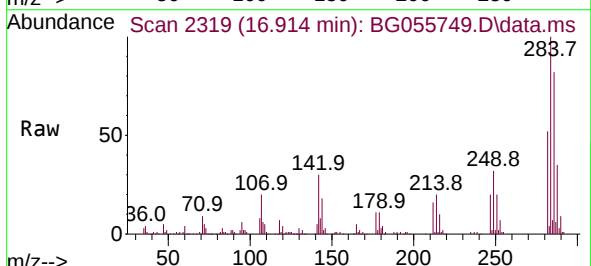
Tgt Ion:248 Resp: 144673
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 64.8 52.9 79.3

Manual Integrations
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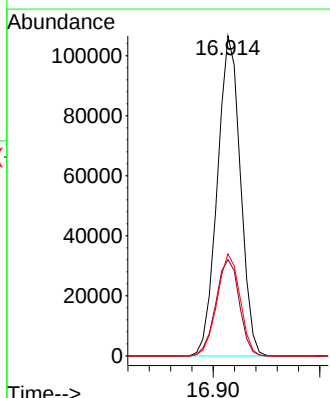
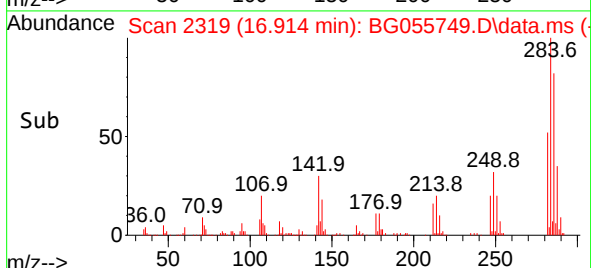
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

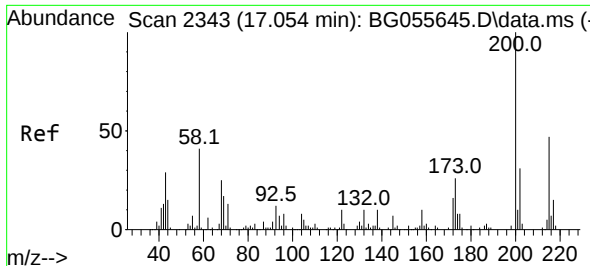


#68
Hexachlorobenzene
Concen: 48.662 ng
RT: 16.914 min Scan# 2319
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



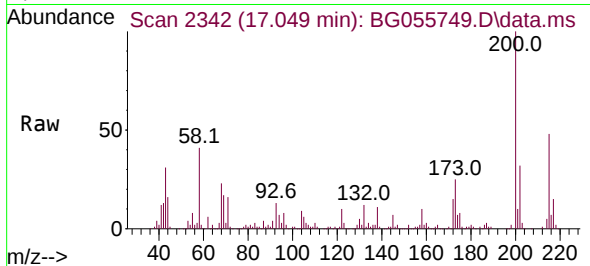
Tgt Ion:284 Resp: 160340
Ion Ratio Lower Upper
284 100
142 30.1 24.8 37.2
249 31.9 25.7 38.5





#69
 Atrazine
 Concen: 50.740 ng
 RT: 17.049 min Scan# 2342
 Delta R.T. 0.008 min
 Lab File: BG055749.D
 Acq: 22 Nov 2022 21:22

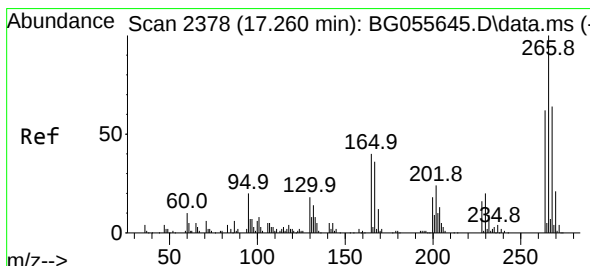
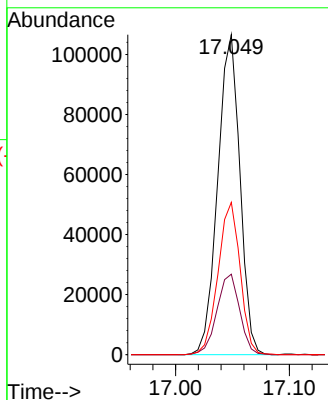
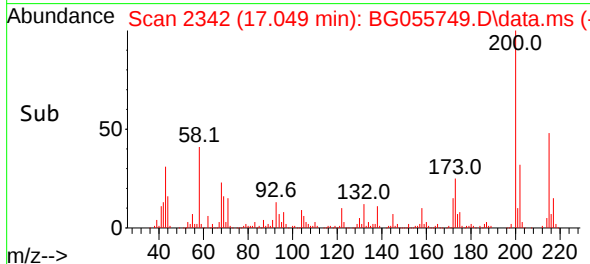
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MS



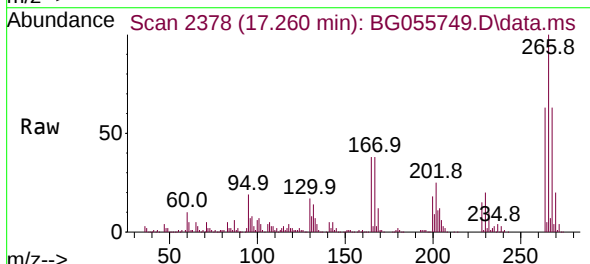
Tgt Ion:200 Resp: 144235
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.6 45.6
 215 47.6 27.2 67.2

Manual Integrations
 APPROVED

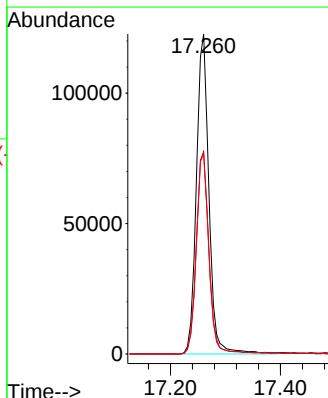
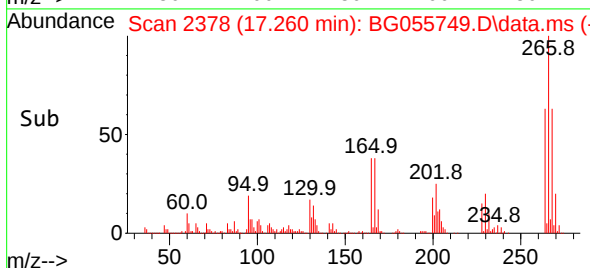
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

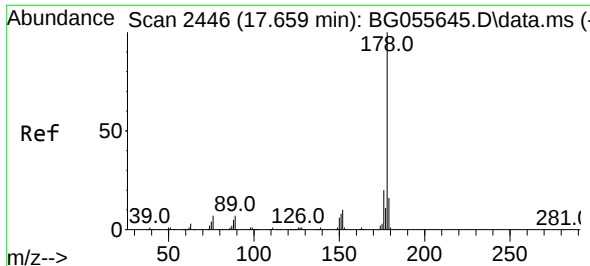


#70
 Pentachlorophenol
 Concen: 96.005 ng
 RT: 17.260 min Scan# 2378
 Delta R.T. 0.008 min
 Lab File: BG055749.D
 Acq: 22 Nov 2022 21:22



Tgt Ion:266 Resp: 193513
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 62.5 49.5 74.3





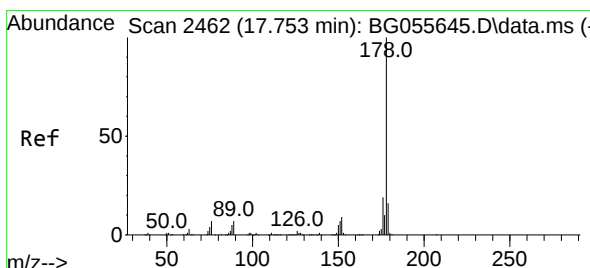
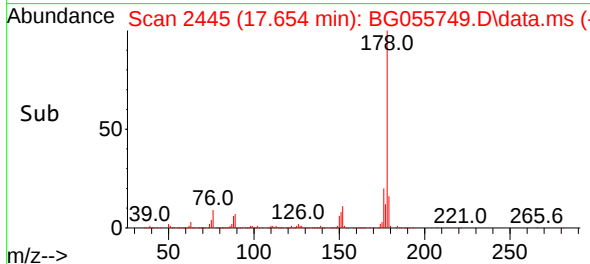
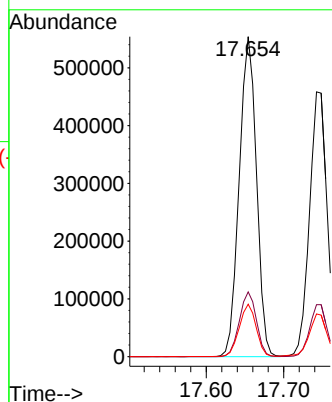
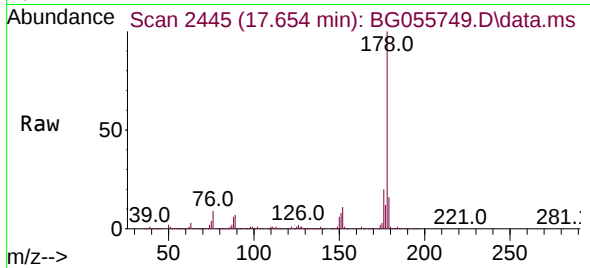
#71
Phenanthrene
Concen: 60.795 ng
RT: 17.654 min Scan# 2445
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

Tgt Ion:178 Resp: 85564
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.4 12.7 19.1

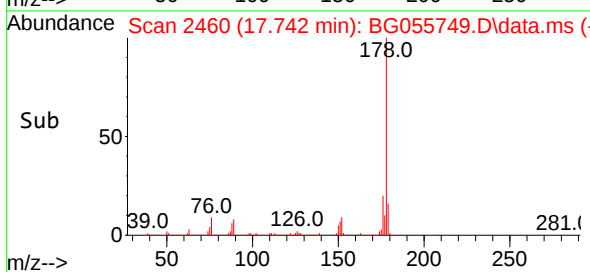
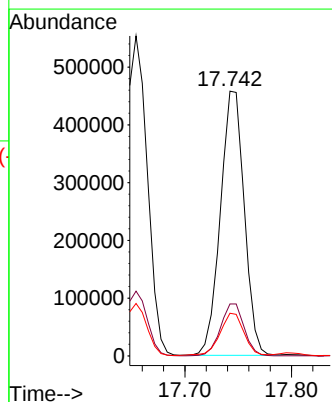
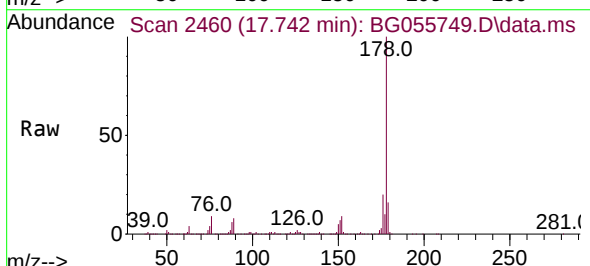
Manual Integrations
APPROVED

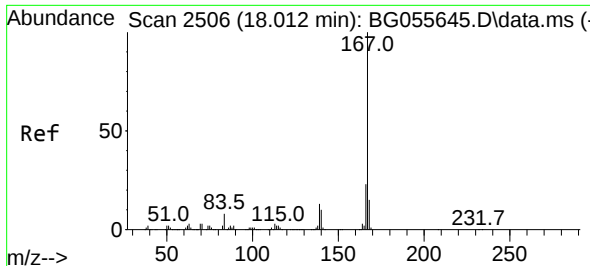
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#72
Anthracene
Concen: 52.269 ng
RT: 17.742 min Scan# 2460
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

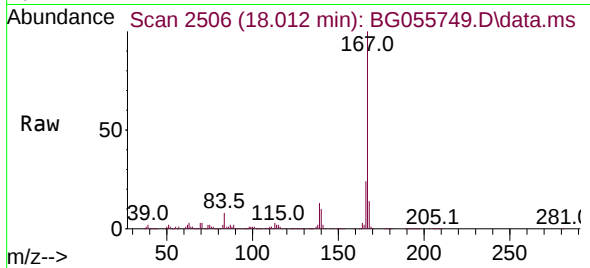
Tgt Ion:178 Resp: 714768
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 49.137 ng
 RT: 18.012 min Scan# 2506
 Delta R.T. 0.007 min
 Lab File: BG055749.D
 Acq: 22 Nov 2022 21:22

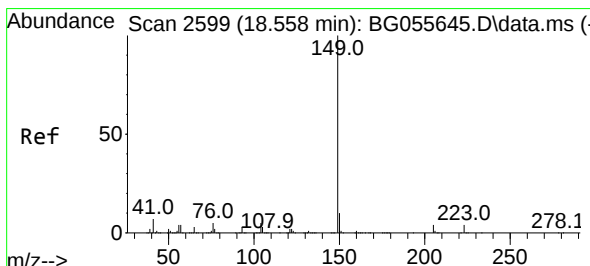
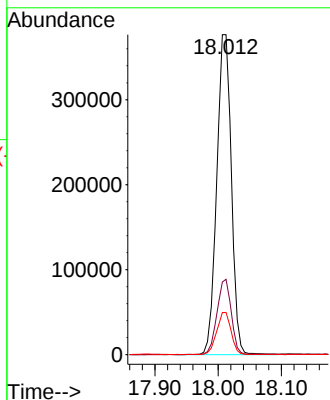
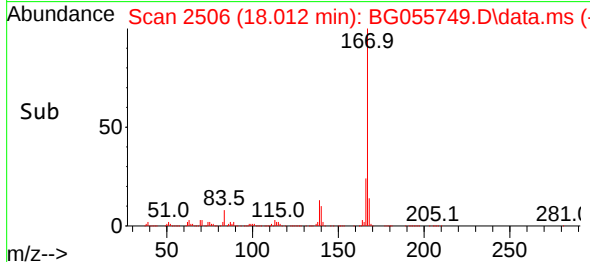
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-228MS



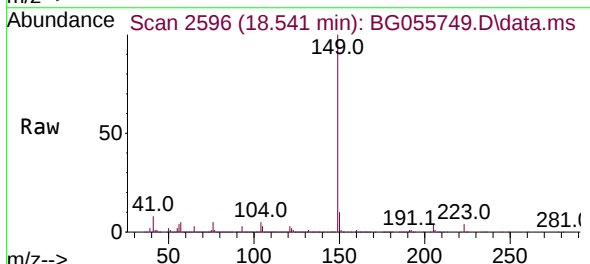
Tgt Ion:167 Resp: 604061
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.2
 139 13.2 10.2 15.4

Manual Integrations
 APPROVED

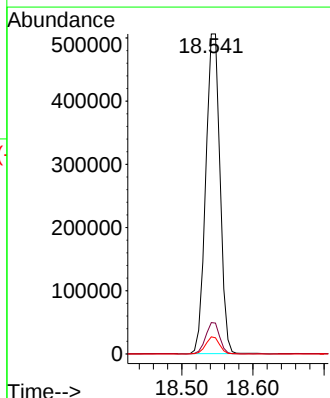
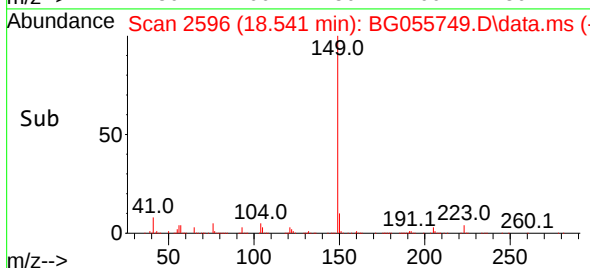
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

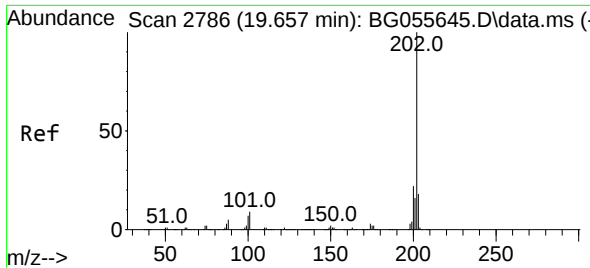


#74
 Di-n-butylphthalate
 Concen: 45.776 ng
 RT: 18.541 min Scan# 2596
 Delta R.T. 0.002 min
 Lab File: BG055749.D
 Acq: 22 Nov 2022 21:22



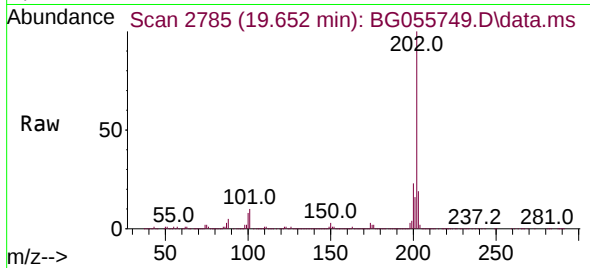
Tgt Ion:149 Resp: 698762
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 64.652 ng
RT: 19.652 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

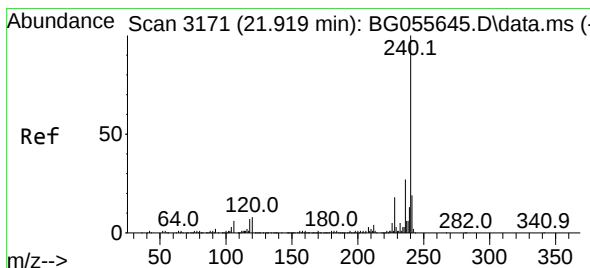
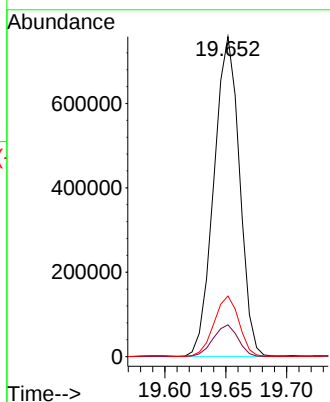
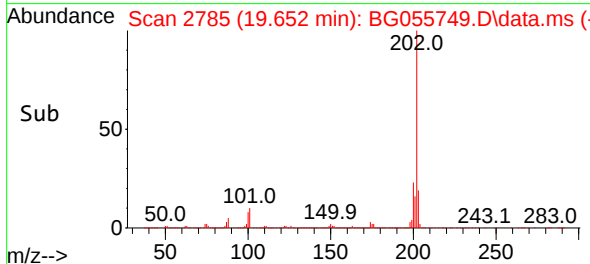
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:202 Resp: 1106988
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.8
203 18.9 0.0 38.1

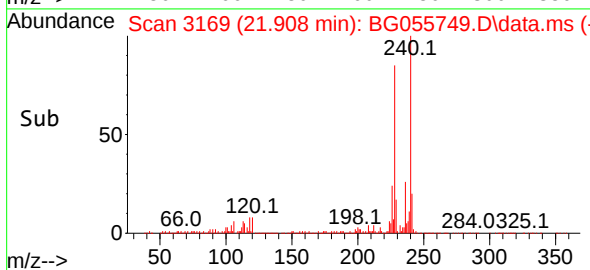
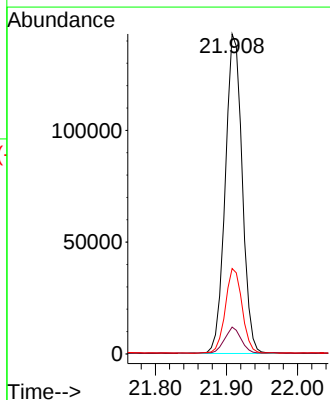
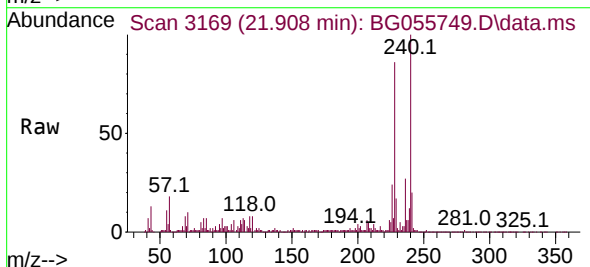
Manual Integrations
APPROVED

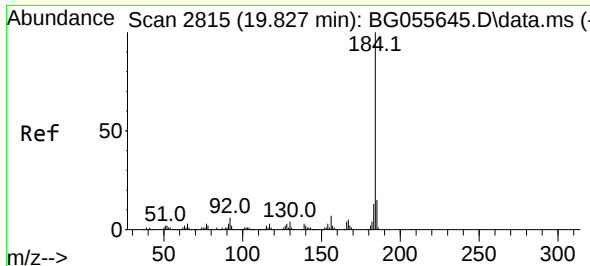
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3169
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

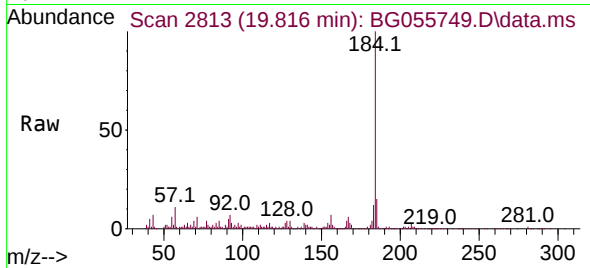
Tgt Ion:240 Resp: 236285
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 26.7 21.9 32.9





#77
Benzidine
Concen: 30.771 ng
RT: 19.816 min Scan# 2815
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

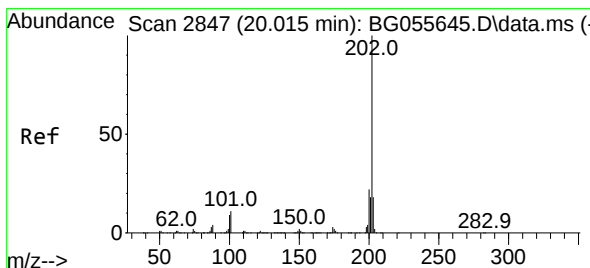
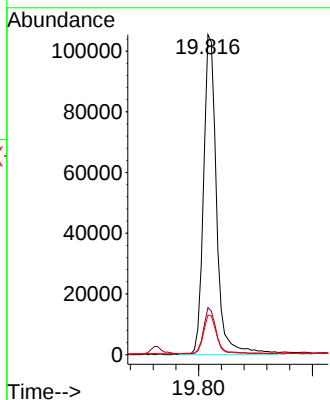
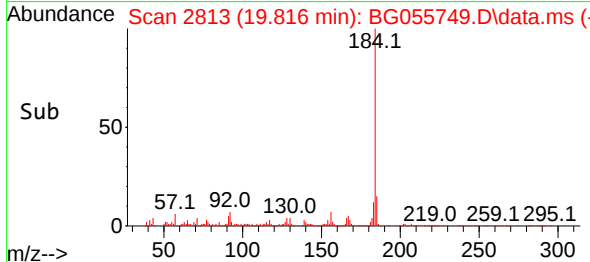
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



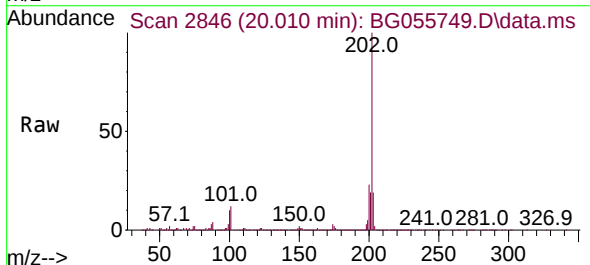
Tgt Ion:184 Resp: 168202
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 12.4 10.6 15.8

Manual Integrations
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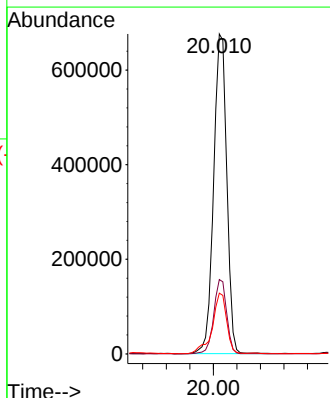
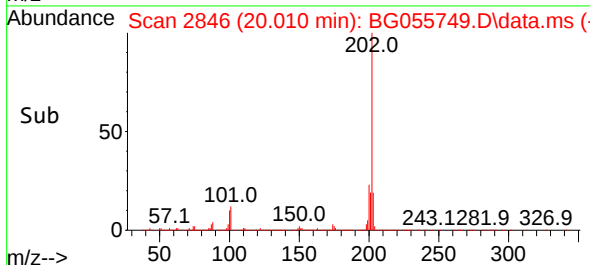
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

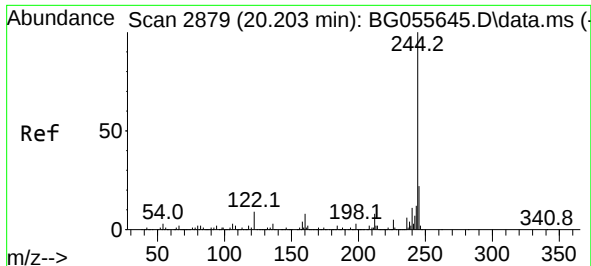


#78
Pyrene
Concen: 65.574 ng
RT: 20.010 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



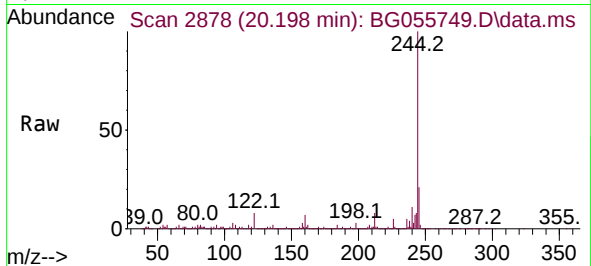
Tgt Ion:202 Resp: 1048768
Ion Ratio Lower Upper
202 100
200 23.2 17.8 26.6
203 19.0 14.4 21.6





#79
Terphenyl-d14
Concen: 84.185 ng
RT: 20.198 min Scan# 2879
Delta R.T. 0.008 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

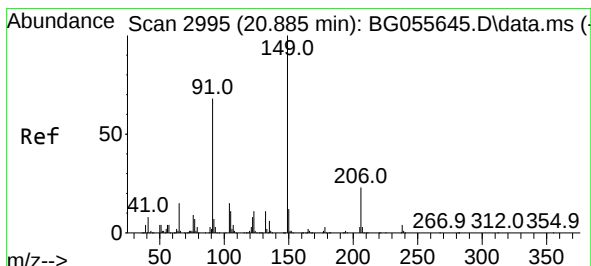
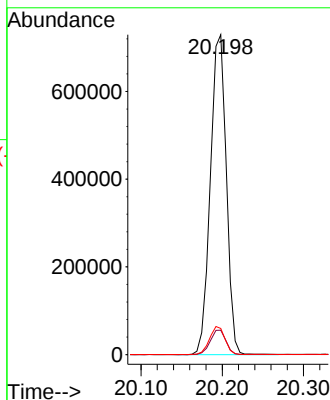
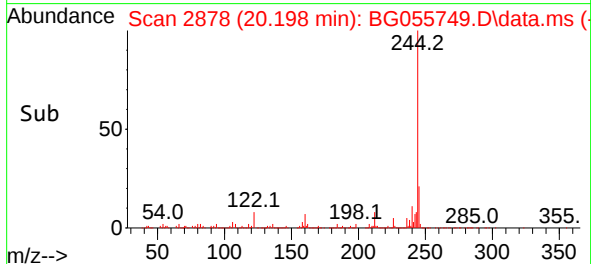
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:244 Resp: 994515
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 8.2 6.9 10.3

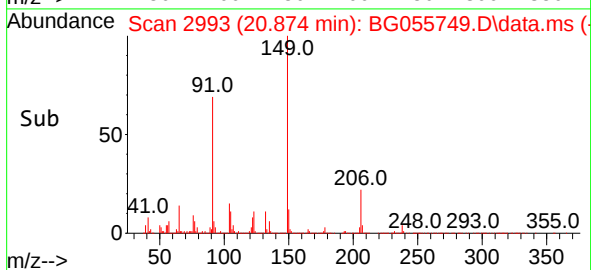
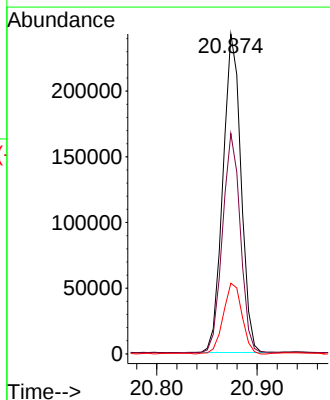
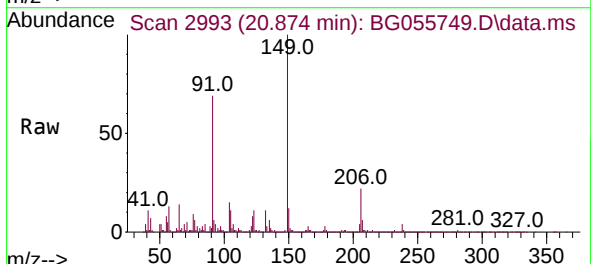
Manual Integrations
APPROVED

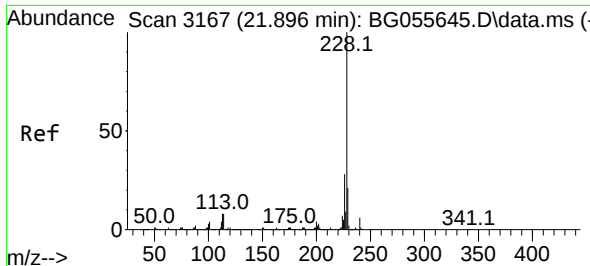
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#80
Butylbenzylphthalate
Concen: 48.548 ng
RT: 20.874 min Scan# 2993
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

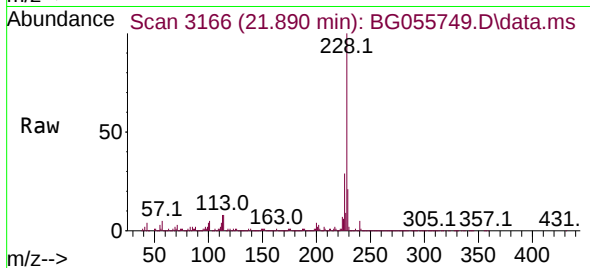
Tgt Ion:149 Resp: 303969
Ion Ratio Lower Upper
149 100
91 68.9 54.6 81.8
206 22.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 54.862 ng
RT: 21.890 min Scan# 3167
Delta R.T. 0.008 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

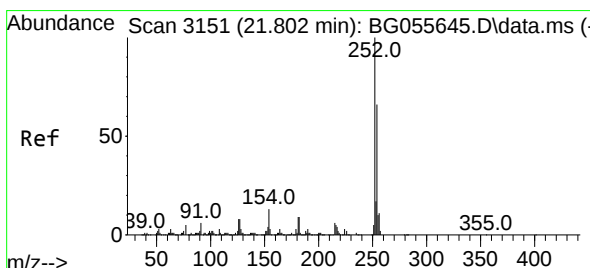
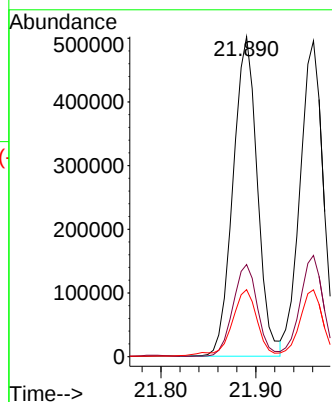
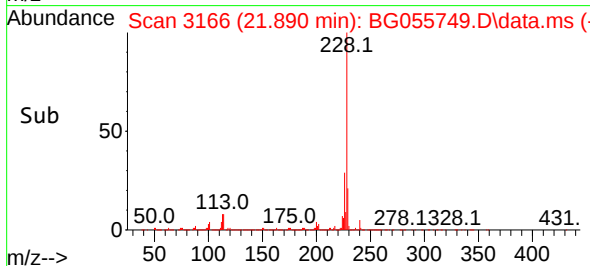
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



Tgt Ion:228 Resp: 892846
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.9 16.5 24.7

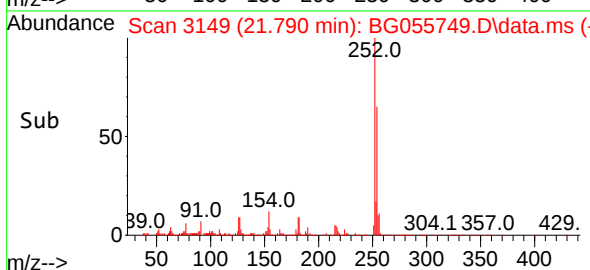
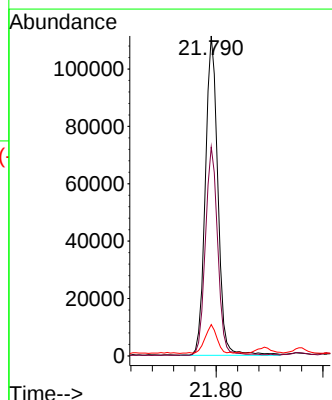
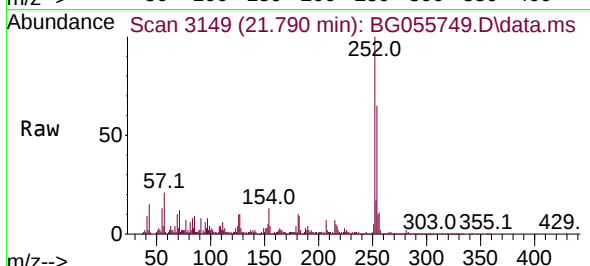
Manual Integrations
APPROVED

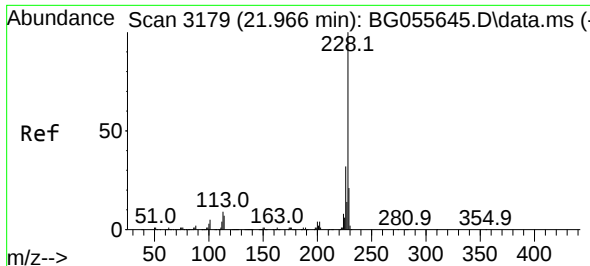
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 31.796 ng
RT: 21.790 min Scan# 3149
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

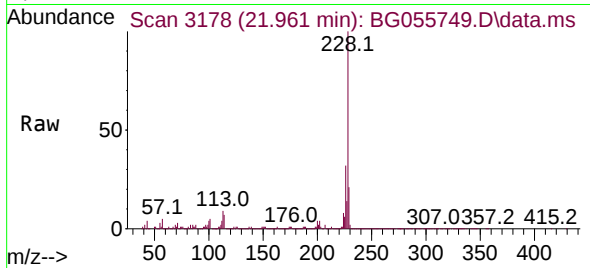
Tgt Ion:252 Resp: 181827
Ion Ratio Lower Upper
252 100
254 65.3 53.0 79.6
126 9.8 6.7 10.1





#83
Chrysene
Concen: 53.722 ng
RT: 21.961 min Scan# 3179
Delta R.T. 0.008 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

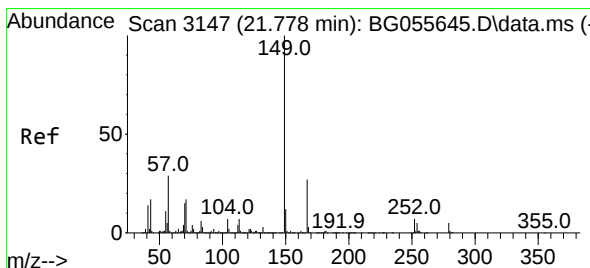
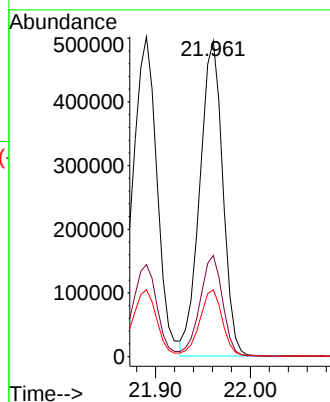
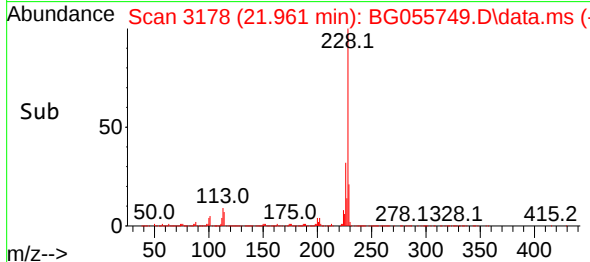
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



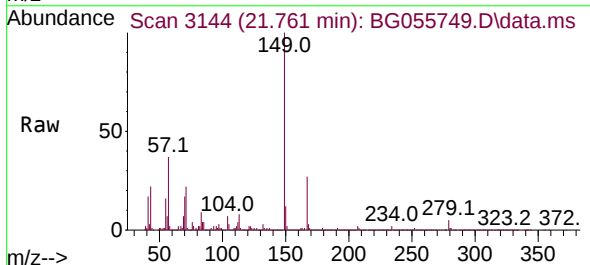
Tgt Ion:228 Resp: 832315
Ion Ratio Lower Upper
228 100
226 32.0 25.4 38.2
229 21.2 17.1 25.7

Manual Integrations
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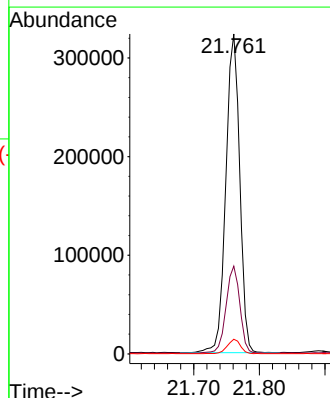
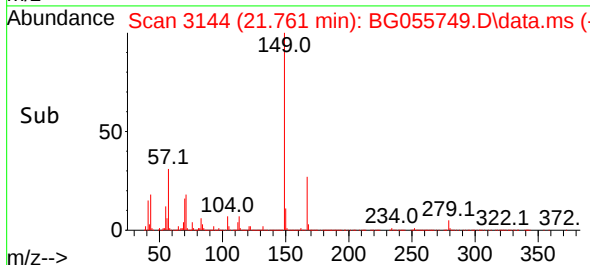
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

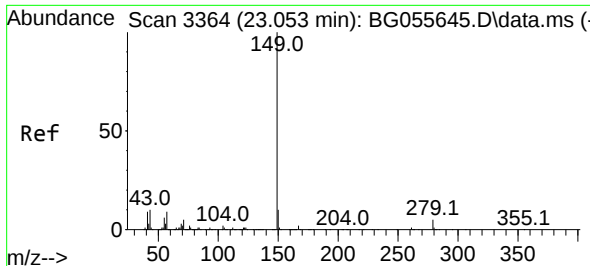


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.839 ng
RT: 21.761 min Scan# 3144
Delta R.T. 0.008 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



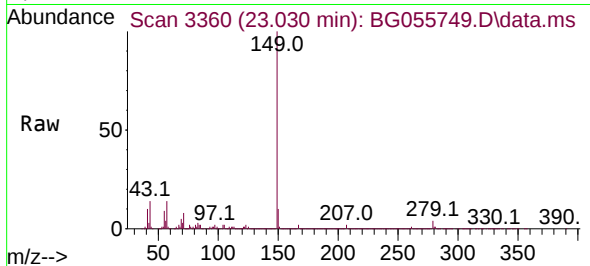
Tgt Ion:149 Resp: 475458
Ion Ratio Lower Upper
149 100
167 27.4 22.0 33.0
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 49.484 ng
RT: 23.030 min Scan# 3364
Delta R.T. 0.002 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

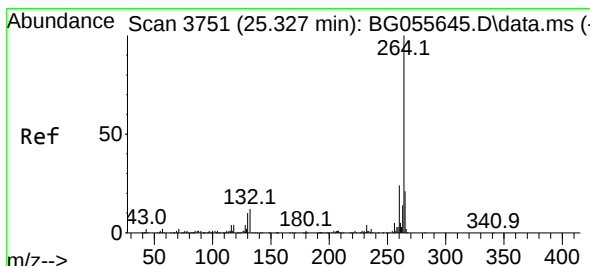
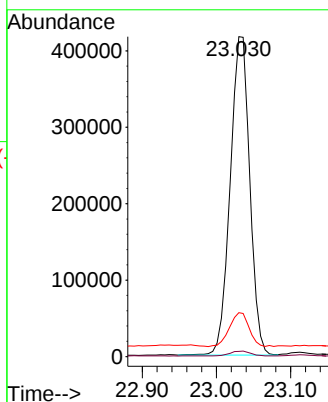
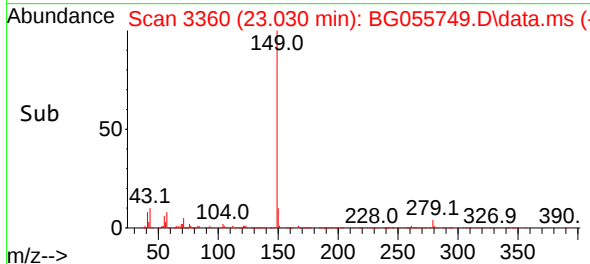
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



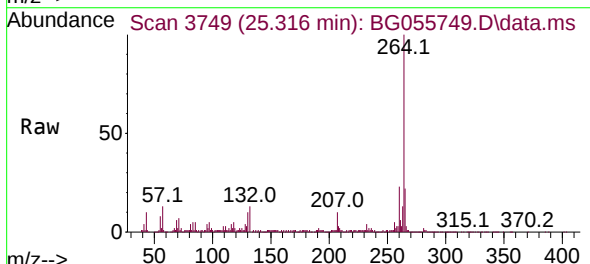
Tgt Ion:149 Resp: 762005
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.4 12.6

Manual Integrations
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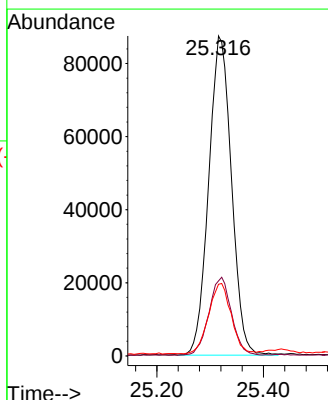
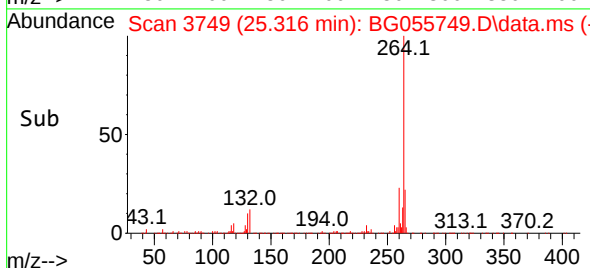
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

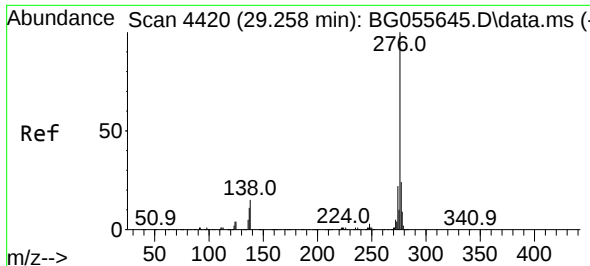


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.316 min Scan# 3749
Delta R.T. 0.013 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



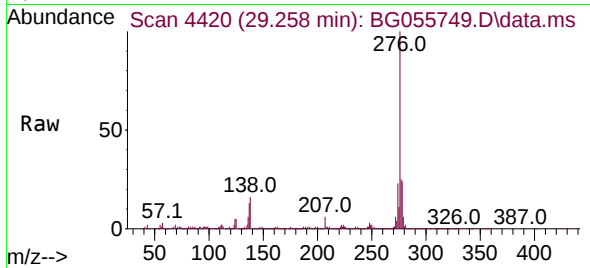
Tgt Ion:264 Resp: 258778
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 22.4 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.631 ng
RT: 29.258 min Scan# 4420
Delta R.T. 0.025 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

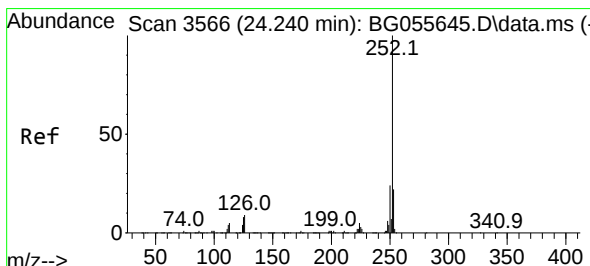
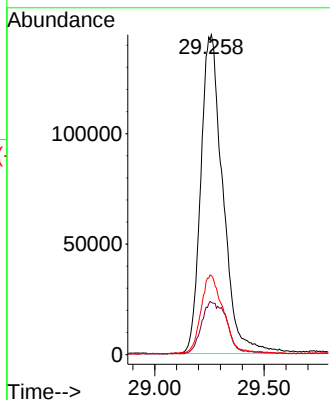
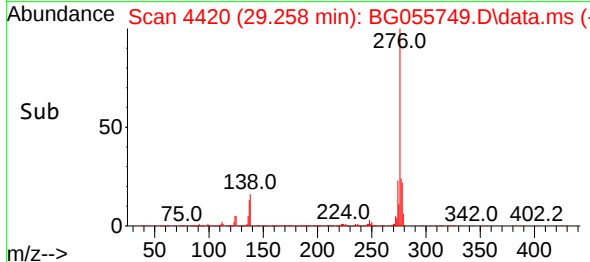
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



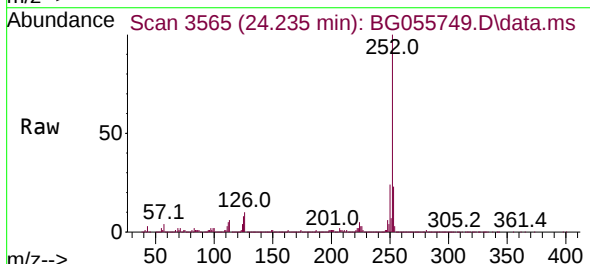
Tgt Ion:276 Resp: 1009763
Ion Ratio Lower Upper
276 100
138 18.3 10.4 15.6
277 24.3 20.2 30.4

Manual Integrations
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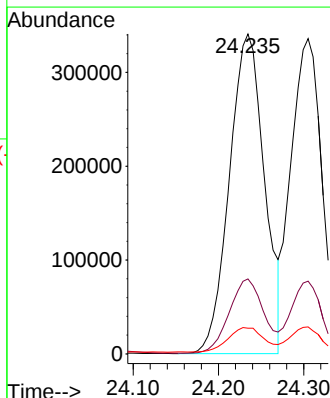
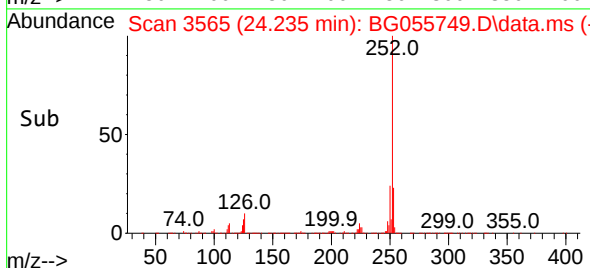
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

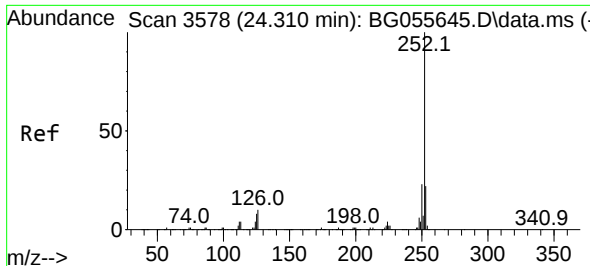


#88
Benzo(b)fluoranthene
Concen: 57.747 ng
RT: 24.235 min Scan# 3565
Delta R.T. 0.013 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



Tgt Ion:252 Resp: 973205
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 8.0 6.2 9.2





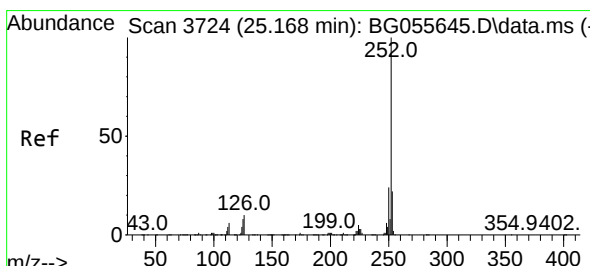
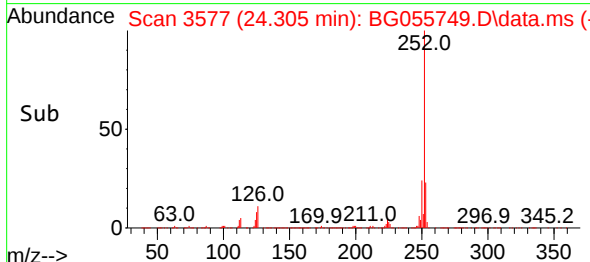
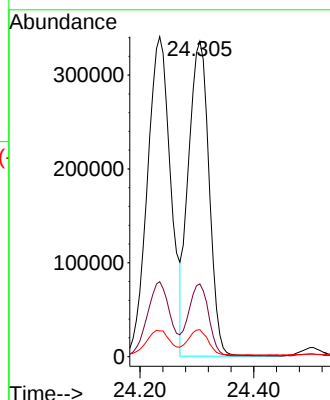
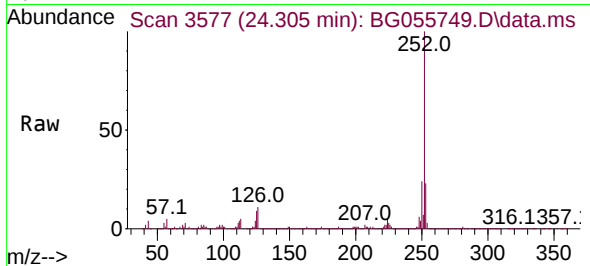
#89
Benzo(k)fluoranthene
Concen: 50.379 ng
RT: 24.305 min Scan# 31
Delta R.T. 0.013 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

Instrument :
BNA_G
ClientSampleId :
VNJ-228MS

Tgt Ion:252 Resp: 84632
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 8.6 6.1 9.1

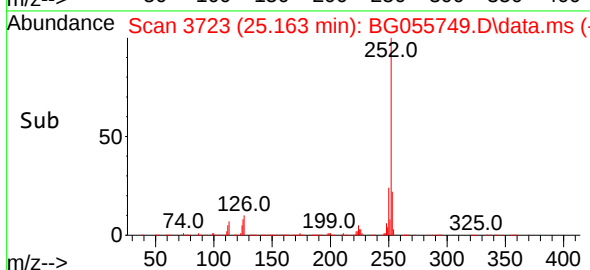
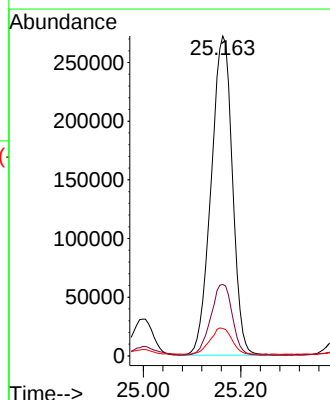
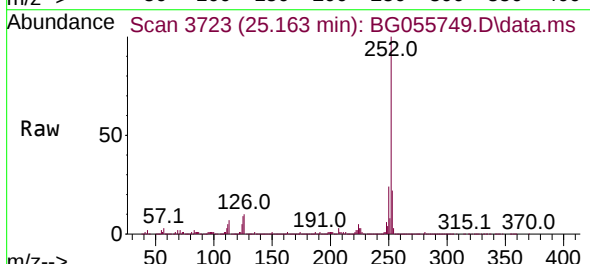
Manual Integrations
APPROVED

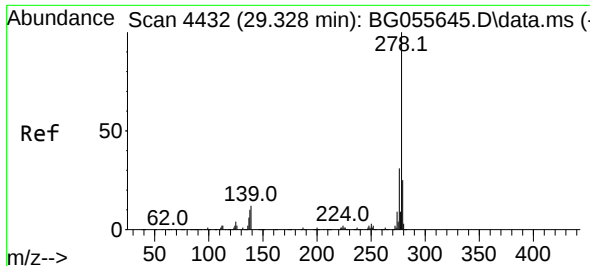
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#90
Benzo(a)pyrene
Concen: 56.984 ng
RT: 25.163 min Scan# 3723
Delta R.T. 0.013 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

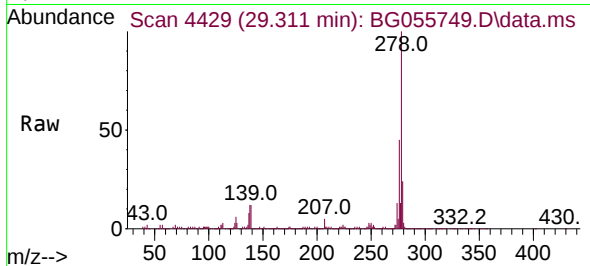
Tgt Ion:252 Resp: 824107
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.6 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 46.399 ng
RT: 29.311 min Scan# 4432
Delta R.T. 0.019 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22

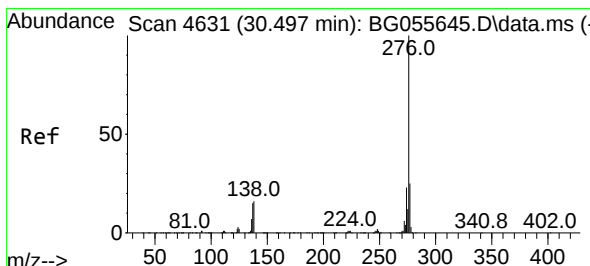
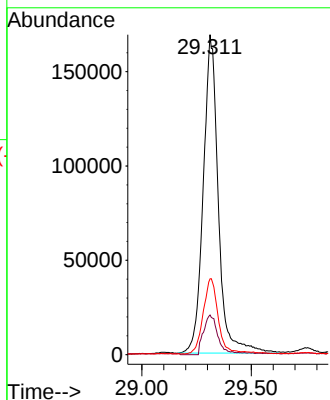
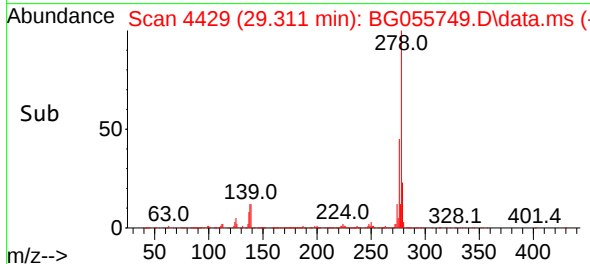
Instrument :
BNA_G
ClientSampleId :
VNJ-228MS



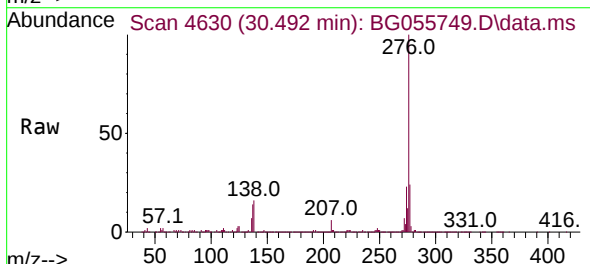
Tgt Ion:278 Resp: 803808
Ion Ratio Lower Upper
278 100
139 12.4 9.8 14.8
279 23.7 19.8 29.6

Manual Integrations
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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#92
Benzo(g,h,i)perylene
Concen: 47.012 ng
RT: 30.492 min Scan# 4630
Delta R.T. 0.031 min
Lab File: BG055749.D
Acq: 22 Nov 2022 21:22



Tgt Ion:276 Resp: 820841
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.6
138 16.0 13.1 19.7

