

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058891.D
 Acq On : 29 Aug 2023 17:26
 Operator : MA/JU
 Sample : 04165-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-208MS

Quant Time: Aug 29 19:19:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	17481	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	80276	20.000	ng	# 0.00
39) Acenaphthene-d10	14.441	164	57685	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	128682	20.000	ng	0.00
76) Chrysene-d12	21.427	240	102593	20.000	ng	0.00
86) Perylene-d12	24.482	264	131687	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	126503	116.456	ng	0.00
7) Phenol-d6	6.967	99	179423	117.727	ng	0.00
23) Nitrobenzene-d5	8.953	82	111201	66.599	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	102179	112.969	ng	0.00
45) 2-Fluorobiphenyl	13.060	172	254741	64.230	ng	0.00
79) Terphenyl-d14	19.805	244	395281	69.182	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.236	88	16852	32.997	ng	95
3) Pyridine	3.630	79	43867	32.504	ng	92
4) n-Nitrosodimethylamine	3.554	42	33377	45.491	ng	91
6) Aniline	7.114	93	55572	29.829	ng	96
8) 2-Chlorophenol	7.355	128	62621	57.014	ng	96
9) Benzaldehyde	6.926	77	24285m	28.407	ng	
10) Phenol	6.991	94	80827	54.999	ng	97
11) bis(2-Chloroethyl)ether	7.208	93	53893	46.997	ng	97
12) 1,3-Dichlorobenzene	7.672	146	61287	52.532	ng	96
13) 1,4-Dichlorobenzene	7.819	146	62895	53.312	ng	97
14) 1,2-Dichlorobenzene	8.136	146	61412	53.858	ng	98
15) Benzyl Alcohol	8.031	79	61897	56.804	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	128802m	52.705	ng	
17) 2-Methylphenol	8.242	107	56500	52.344	ng	97
18) Hexachloroethane	8.859	117	23857	55.502	ng	98
19) n-Nitroso-di-n-propyla...	8.595	70	47318	48.030	ng	95
20) 3+4-Methylphenols	8.571	107	77214	53.208	ng	96
22) Acetophenone	8.612	105	97740	44.978	ng	# 99
24) Nitrobenzene	8.994	77	73703	44.381	ng	# 97
25) Isophorone	9.511	82	142599	42.945	ng	99
26) 2-Nitrophenol	9.705	139	35558	51.196	ng	# 94
27) 2,4-Dimethylphenol	9.770	122	59774	50.780	ng	100
28) bis(2-Chloroethoxy)met...	9.999	93	78735	44.765	ng	98
29) 2,4-Dichlorophenol	10.246	162	67407	55.728	ng	95
30) 1,2,4-Trichlorobenzene	10.451	180	72223	49.446	ng	96
31) Naphthalene	10.639	128	198180	47.018	ng	97
32) Benzoic acid	9.952	122	46062	61.958	ng	97
33) 4-Chloroaniline	10.757	127	40744	22.920	ng	99
34) Hexachlorobutadiene	10.916	225	50378	51.103	ng	96
35) Caprolactam	11.550	113	20923m	48.273	ng	
36) 4-Chloro-3-methylphenol	11.897	107	78943	52.481	ng	99
37) 2-Methylnaphthalene	12.255	142	143787	47.496	ng	98
38) 1-Methylnaphthalene	12.473	142	137443	47.828	ng	97
40) 1,2,4,5-Tetrachloroben...	12.625	216	91001	51.171	ng	99
41) Hexachlorocyclopentadiene	12.596	237	39568	59.138	ng	98
43) 2,4,6-Trichlorophenol	12.872	196	63859	56.434	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	66392	48.996	ng	98
46) 1,1'-Biphenyl	13.272	154	190658	47.979	ng	96
47) 2-Chloronaphthalene	13.313	162	154425	49.866	ng	97
48) 2-Nitroaniline	13.524	65	55418	47.119	ng	98
49) Acenaphthylene	14.159	152	250593	48.796	ng	98
50) Dimethylphthalate	13.900	163	197653	44.253	ng	99
51) 2,6-Dinitrotoluene	14.024	165	44579	47.509	ng	91
52) Acenaphthene	14.505	154	140248	46.733	ng	97
53) 3-Nitroaniline	14.359	138	33092	36.565	ng	89
54) 2,4-Dinitrophenol	14.576	184	32861	64.151	ng	92
55) Dibenzofuran	14.840	168	244043	47.141	ng	99
56) 4-Nitrophenol	14.682	139	62781	95.005	ng	93
57) 2,4-Dinitrotoluene	14.817	165	62025	47.392	ng	99
58) Fluorene	15.487	166	193354	46.932	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	61215	55.360	ng	95
60) Diethylphthalate	15.263	149	208115	45.193	ng	99
61) 4-Chlorophenyl-phenyle...	15.481	204	108565	47.542	ng	98
62) 4-Nitroaniline	15.522	138	38468	41.884	ng	88
63) Azobenzene	15.775	77	187674	44.384	ng	98
65) 4,6-Dinitro-2-methylph...	15.587	198	28248	38.836	ng	98
66) n-Nitrosodiphenylamine	15.698	169	166432	50.181	ng	97
67) 4-Bromophenyl-phenylether	16.374	248	71778	50.831	ng	96
68) Hexachlorobenzene	16.497	284	82385	54.208	ng	94
69) Atrazine	16.650	200	68434	58.304	ng	96
70) Pentachlorophenol	16.844	266	83084	104.256	ng	98
71) Phenanthrene	17.232	178	317942	51.466	ng	99
72) Anthracene	17.320	178	308830	49.844	ng	99
73) Carbazole	17.596	167	280344	49.410	ng	98
74) Di-n-butylphthalate	18.142	149	340165	47.526	ng	98
75) Fluoranthene	19.247	202	385225	50.284	ng	98
77) Benzidine	19.435	184	125858	68.451	ng	98
78) Pyrene	19.611	202	386111	54.014	ng	97
80) Butylbenzylphthalate	20.493	149	149030	51.405	ng	99
81) Benzo(a)anthracene	21.409	228	358758	50.236	ng	98
82) 3,3'-Dichlorobenzidine	21.333	252	99110	40.198	ng	100
83) Chrysene	21.474	228	337265	48.996	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	212188	49.902	ng	100
85) Di-n-octyl phthalate	22.455	149	369347	50.502	ng	99
87) Indeno(1,2,3-cd)pyrene	27.972	276	421066	47.260	ng	# 94
88) Benzo(b)fluoranthene	23.518	252	381285	52.183	ng	98
89) Benzo(k)fluoranthene	23.583	252	350586	46.525	ng	97
90) Benzo(a)pyrene	24.341	252	338513	47.052	ng	98
91) Dibenzo(a,h)anthracene	28.019	278	351575	48.022	ng	99
92) Benzo(g,h,i)perylene	29.059	276	322099	44.004	ng	97

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

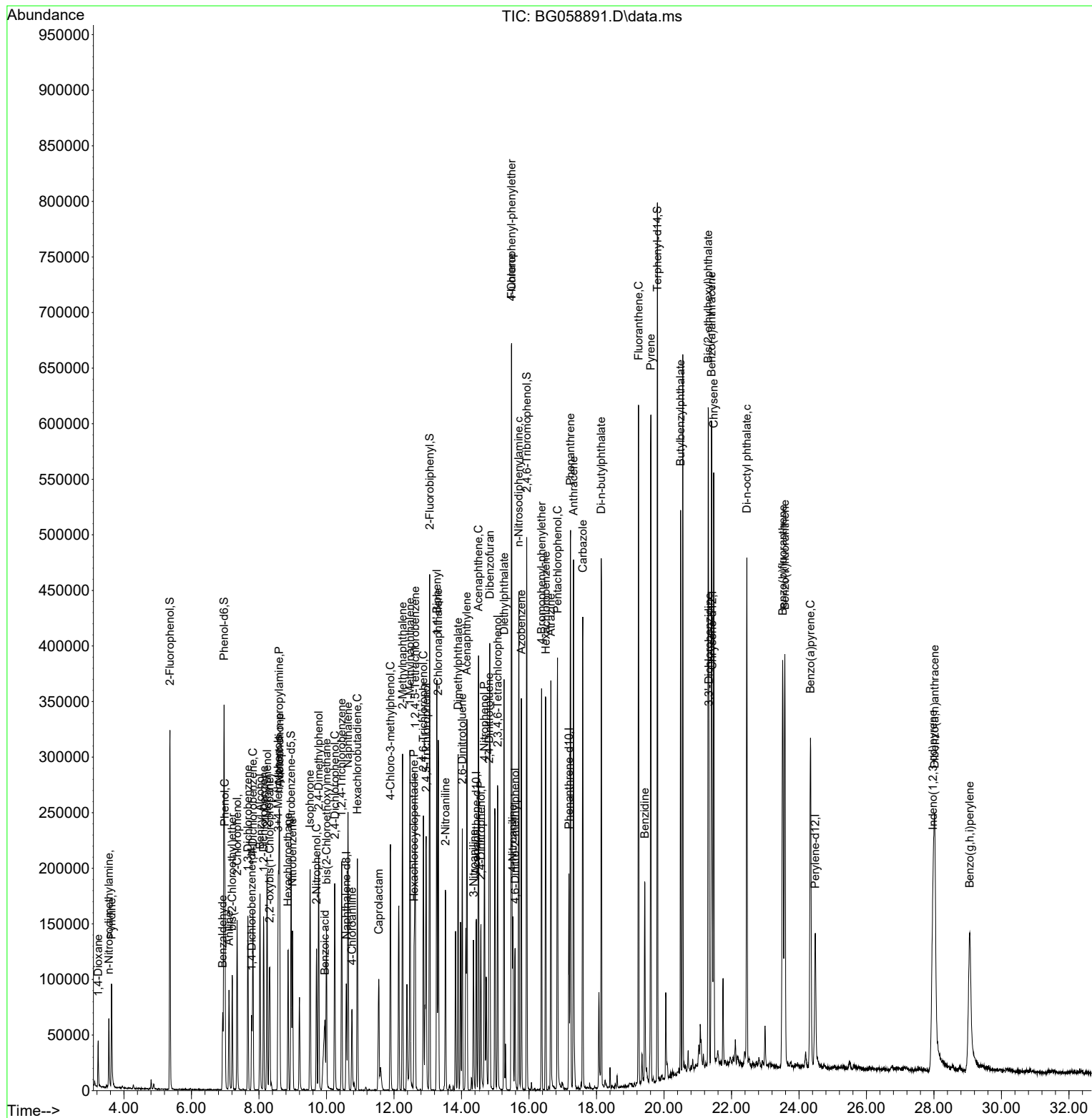
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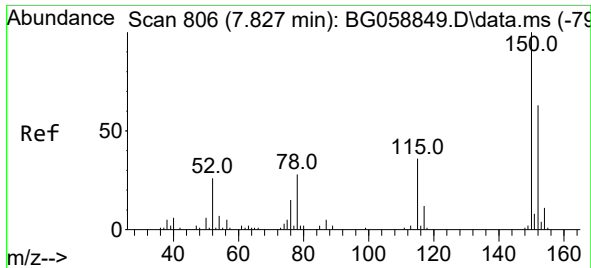
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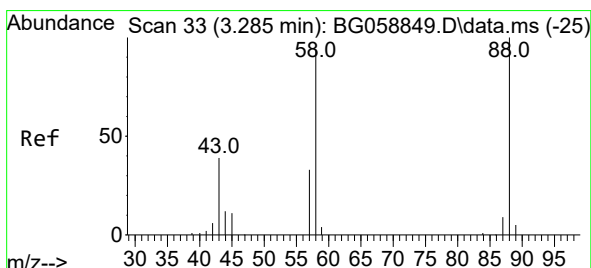
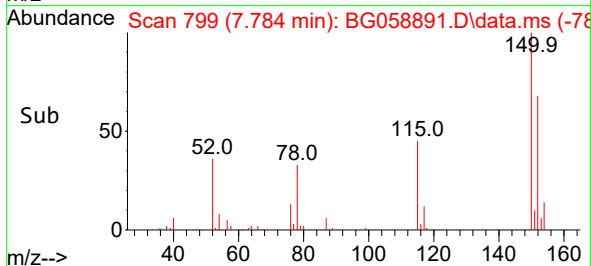
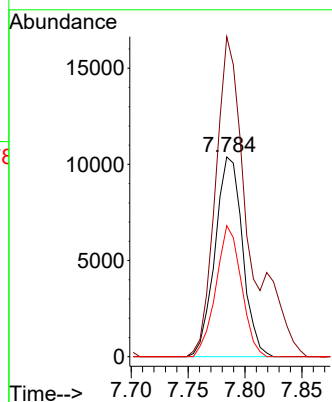
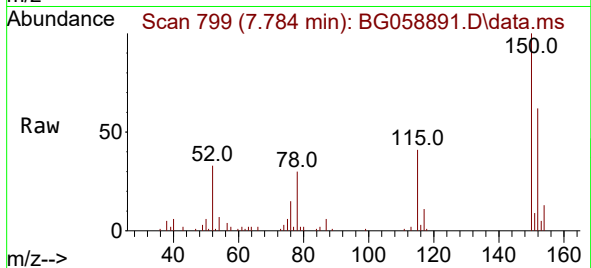
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:152 Resp: 1748
Ion Ratio Lower Upper
152 100
150 160.2 128.6 192.8
115 65.6 50.4 75.6

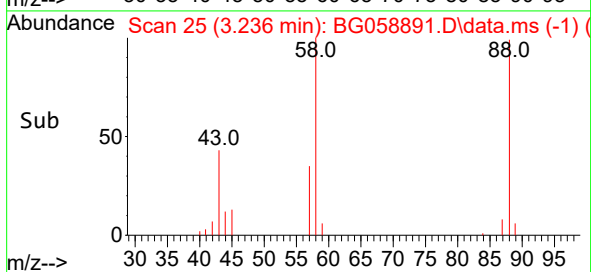
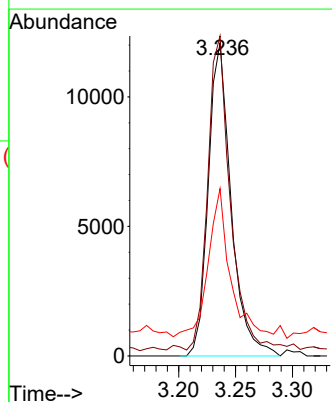
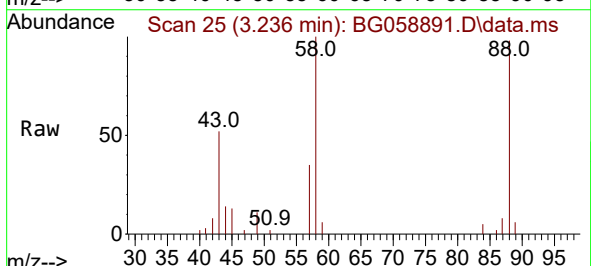
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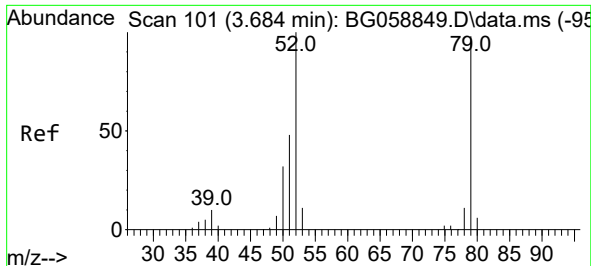
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#2
1,4-Dioxane
Concen: 32.997 ng
RT: 3.236 min Scan# 25
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion: 88 Resp: 16852
Ion Ratio Lower Upper
88 100
58 100.4 82.8 124.2
43 44.6 30.1 45.1





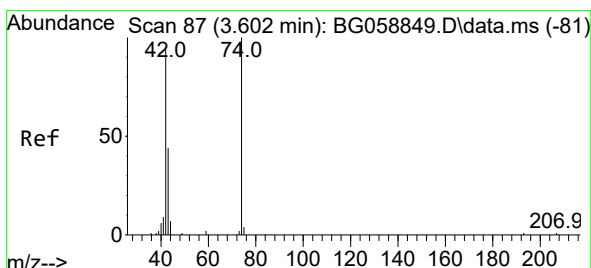
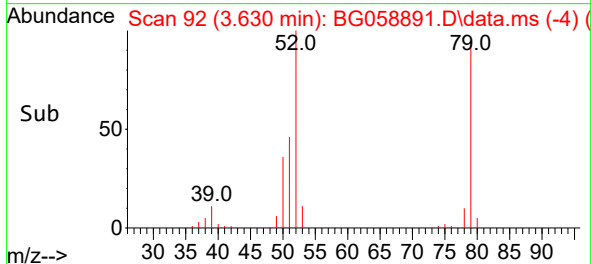
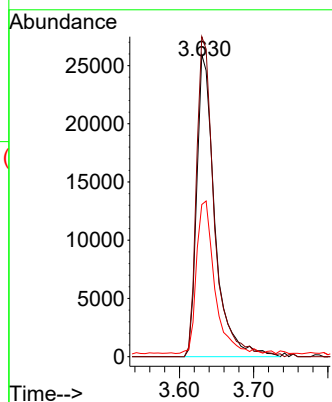
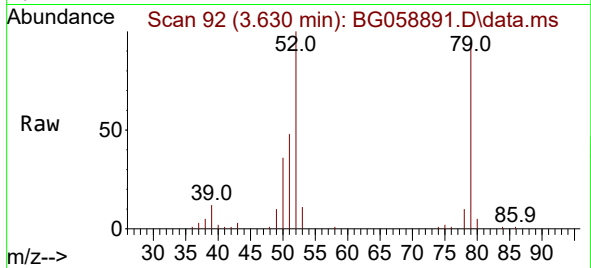
#3
Pyridine
Concen: 32.504 ng
RT: 3.630 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion: 79 Resp: 4386
Ion Ratio Lower Upper
79 100
52 106.0 77.6 116.4
51 50.4 37.5 56.3

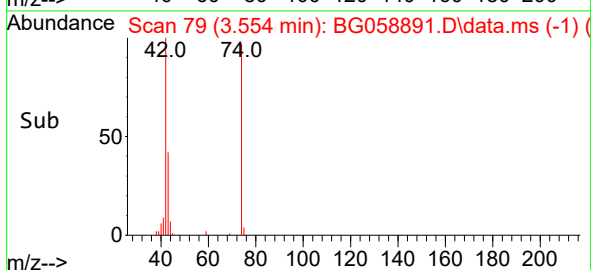
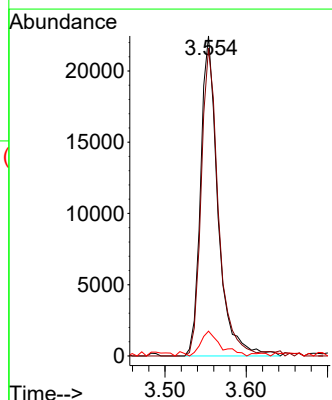
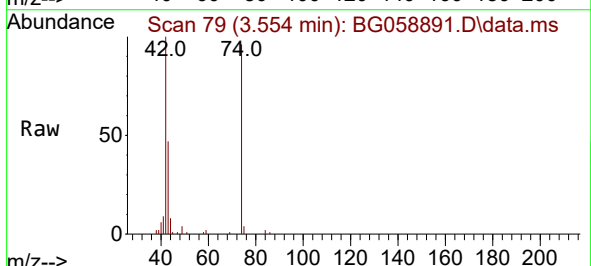
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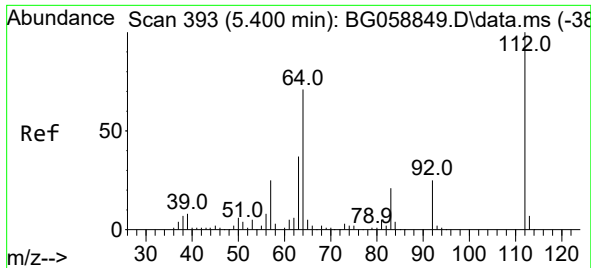
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#4
n-Nitrosodimethylamine
Concen: 45.491 ng
RT: 3.554 min Scan# 79
Delta R.T. -0.011 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion: 42 Resp: 33377
Ion Ratio Lower Upper
42 100
74 96.2 85.1 127.7
44 7.8 6.9 10.3





#5
2-Fluorophenol
Concen: 116.456 ng
RT: 5.363 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

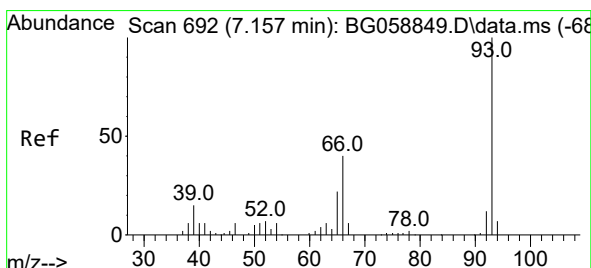
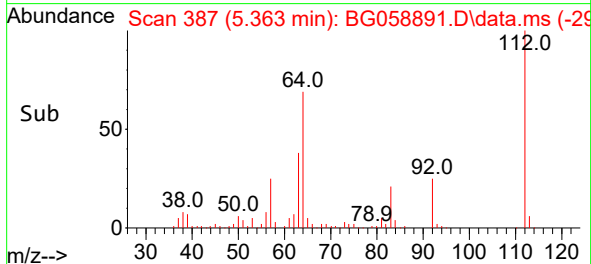
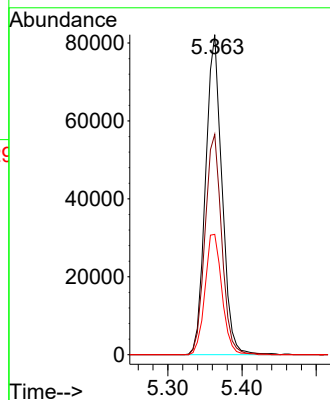
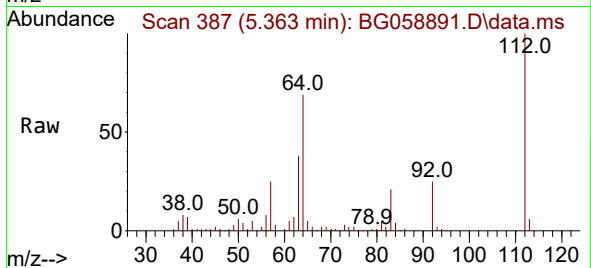
VNJ-208MS

Tgt Ion:112 Resp: 12650
Ion Ratio Lower Upper
112 100
64 68.8 60.6 90.8
63 37.6 31.0 46.4

Manual Integrations

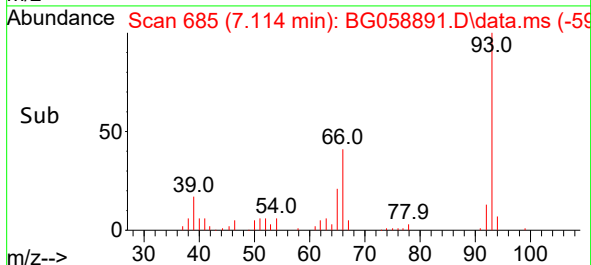
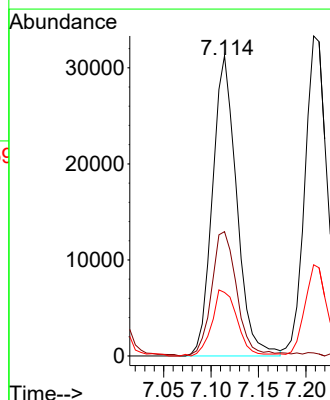
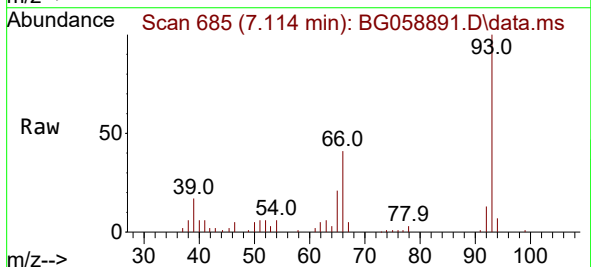
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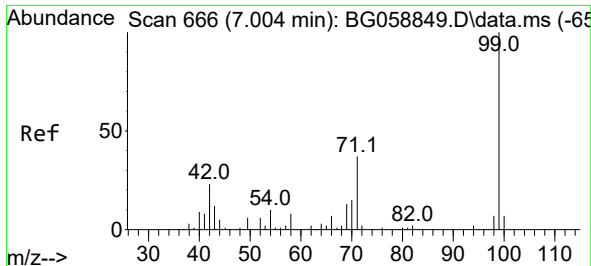
Reviewed By :Yogesh Patel 08/30/2023
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#6
Aniline
Concen: 29.829 ng
RT: 7.114 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG058891.D
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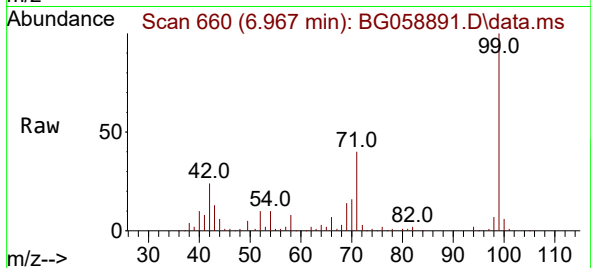
Tgt Ion: 93 Resp: 55572
Ion Ratio Lower Upper
93 100
66 41.4 35.7 53.5
65 21.2 18.2 27.2





#7
Phenol-d6
Concen: 117.727 ng
RT: 6.967 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

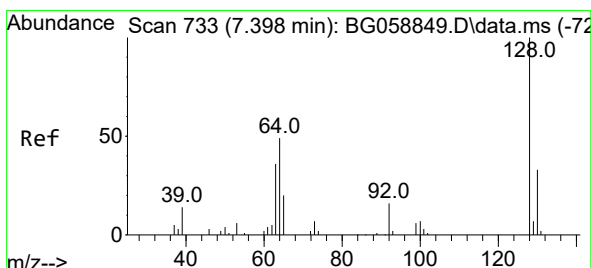
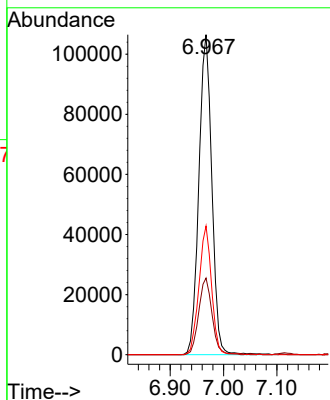
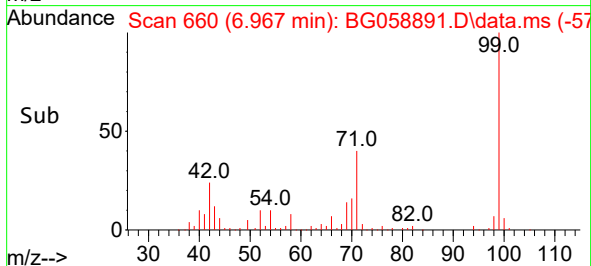
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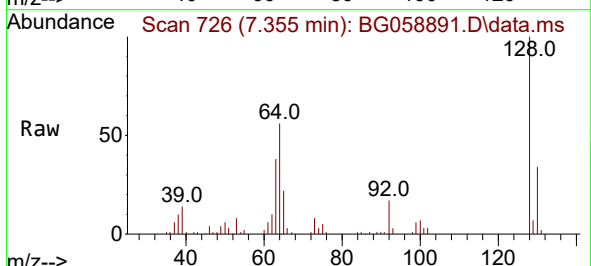
Tgt Ion: 99 Resp: 17942
Ion Ratio Lower Upper
99 100
42 24.0 16.5 24.7
71 40.2 28.4 42.6

Manual Integrations
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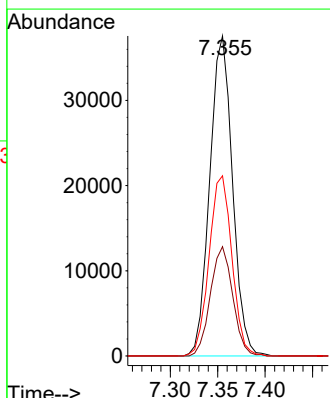
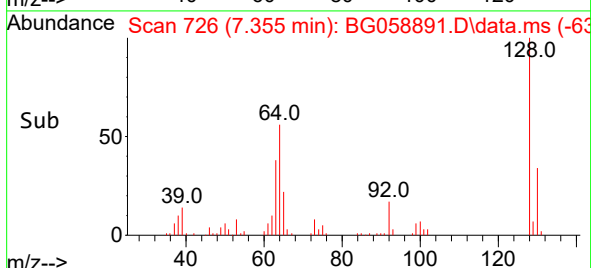
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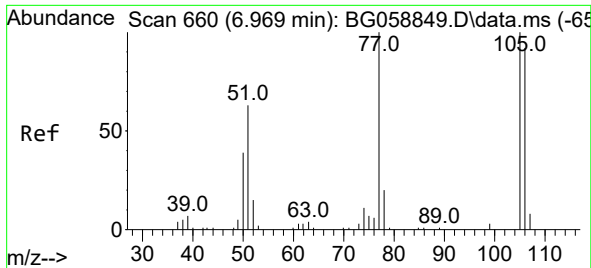


#8
2-Chlorophenol
Concen: 57.014 ng
RT: 7.355 min Scan# 726
Delta R.T. 0.001 min
Lab File: BG058891.D
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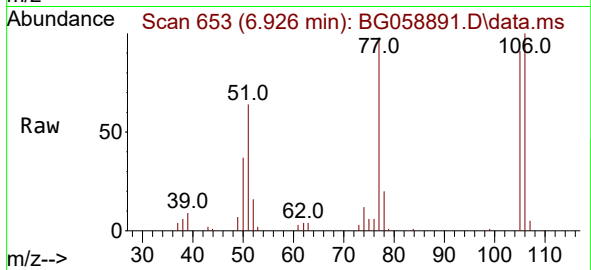
Tgt Ion:128 Resp: 62621
Ion Ratio Lower Upper
128 100
130 34.1 10.9 50.9
64 56.3 38.4 78.4





#9
Benzaldehyde
Concen: 28.407 ng m
RT: 6.926 min Scan# 61
Delta R.T. -0.005 min
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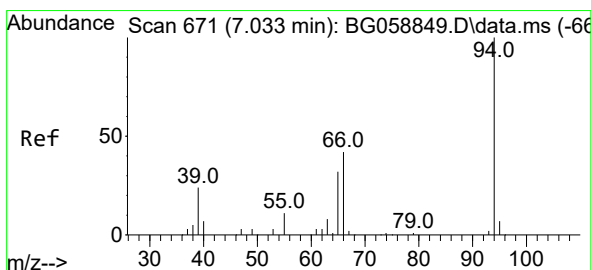
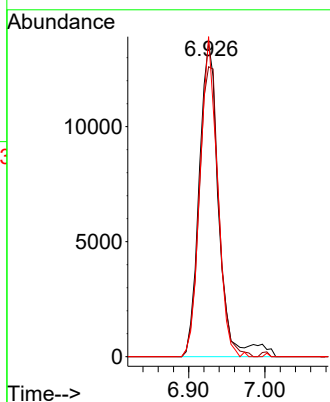
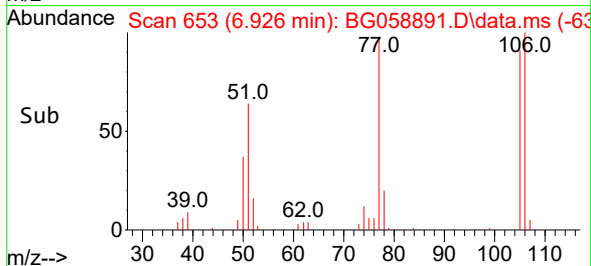
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Tgt Ion: 77 Resp: 2428
Ion Ratio Lower Upper
77 100
105 92.3 76.7 116.7
106 101.9 73.4 113.4

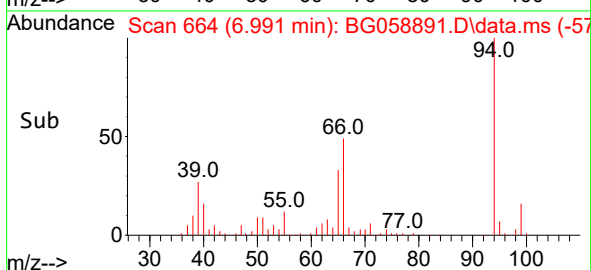
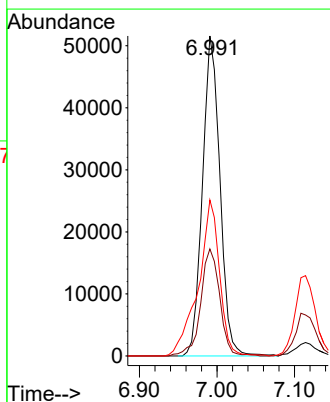
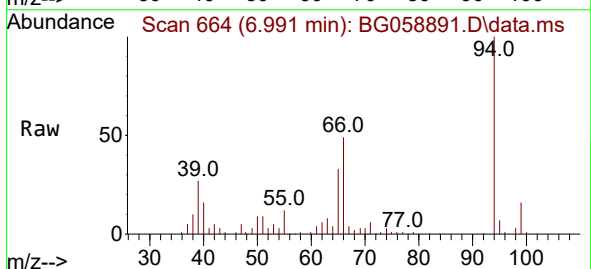
Manual Integrations
APPROVED

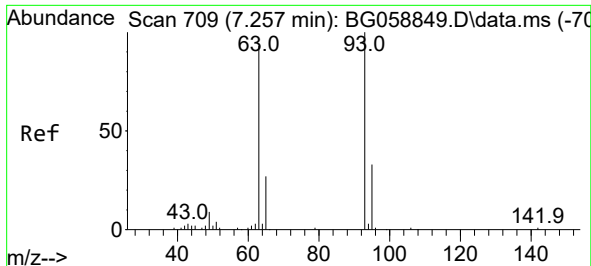
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#10
Phenol
Concen: 54.999 ng
RT: 6.991 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion: 94 Resp: 80827
Ion Ratio Lower Upper
94 100
65 33.5 12.6 52.6
66 48.7 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 46.997 ng
RT: 7.208 min Scan# 709
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

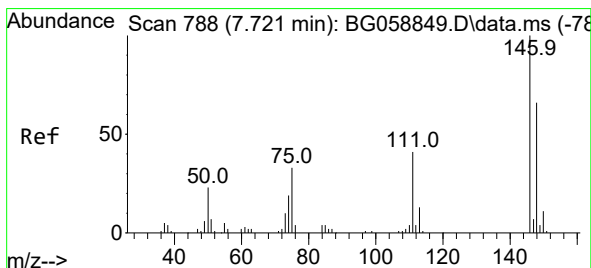
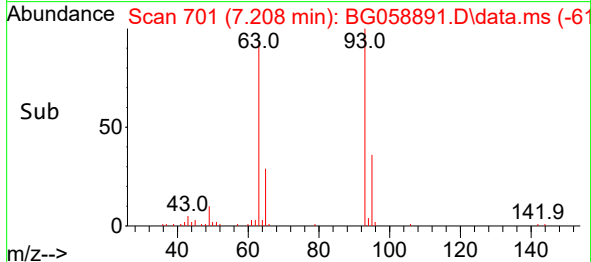
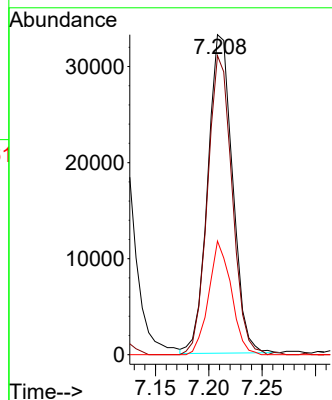
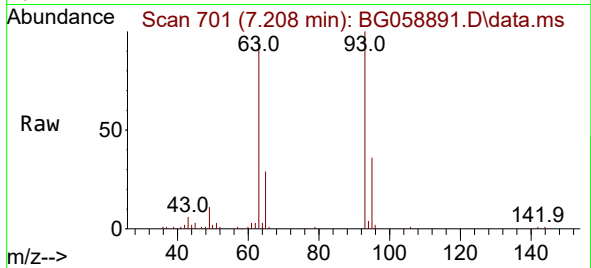
ClientSampleId :

VNJ-208MS

Tgt Ion: 93 Resp: 5389
Ion Ratio Lower Upper
93 100
63 93.5 74.8 114.8
95 35.5 12.1 52.1

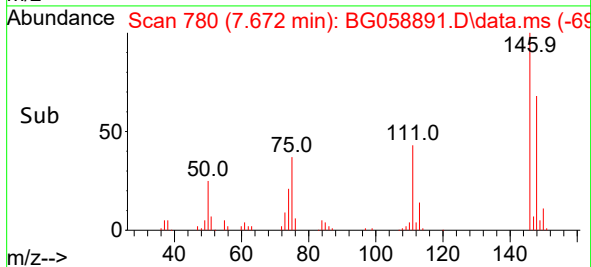
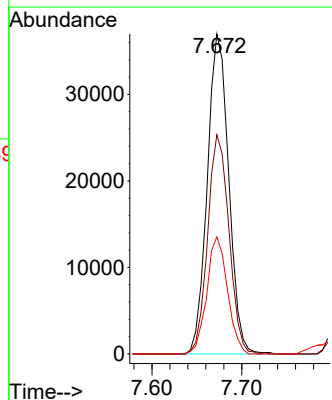
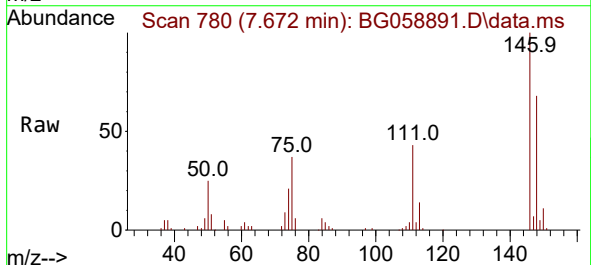
Manual Integrations
APPROVED

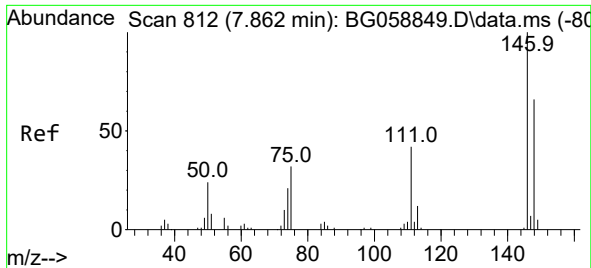
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#12
1,3-Dichlorobenzene
Concen: 52.532 ng
RT: 7.672 min Scan# 780
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

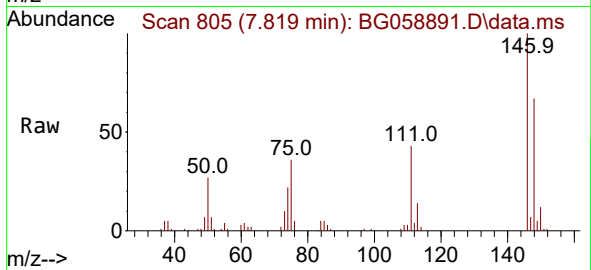
Tgt Ion:146 Resp: 61287
Ion Ratio Lower Upper
146 100
148 68.5 52.4 78.6
75 36.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 53.312 ng
RT: 7.819 min Scan# 805
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

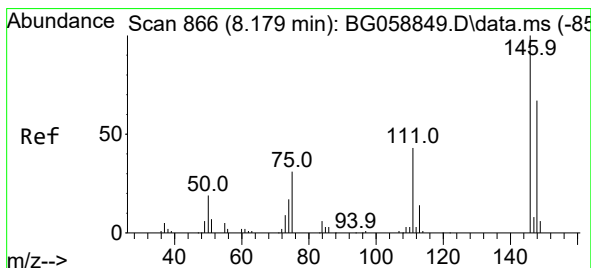
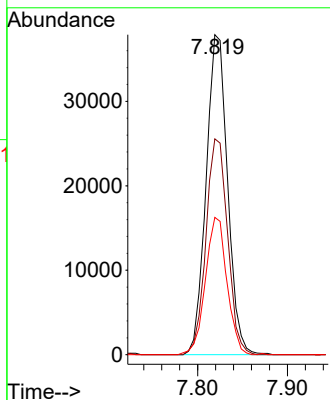
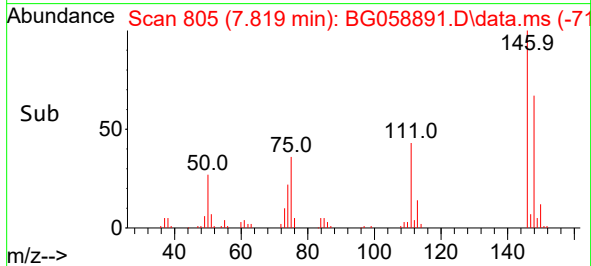
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



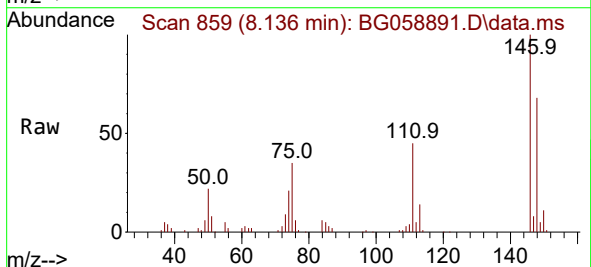
Tgt Ion:146 Resp: 6289
Ion Ratio Lower Upper
146 100
148 67.5 51.3 76.9
111 42.9 33.8 50.8

Manual Integrations
APPROVED

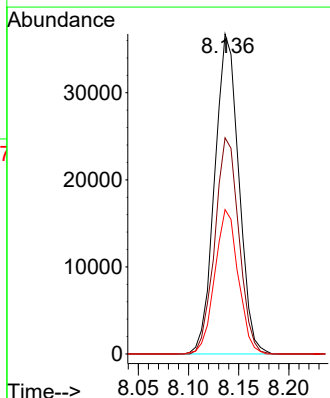
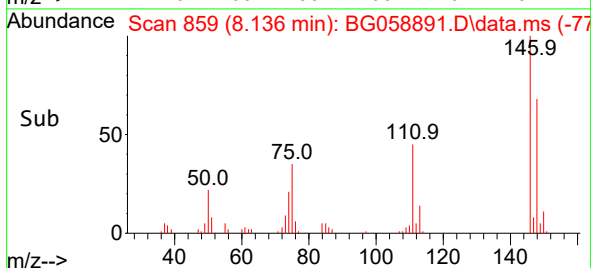
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

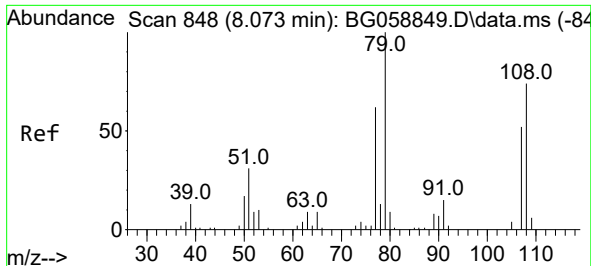


#14
1,2-Dichlorobenzene
Concen: 53.858 ng
RT: 8.136 min Scan# 859
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



Tgt Ion:146 Resp: 61412
Ion Ratio Lower Upper
146 100
148 67.6 52.9 79.3
111 45.1 35.5 53.3





#15
Benzyl Alcohol
Concen: 56.804 ng
RT: 8.031 min Scan# 841
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

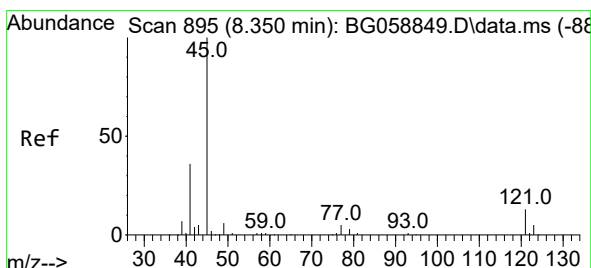
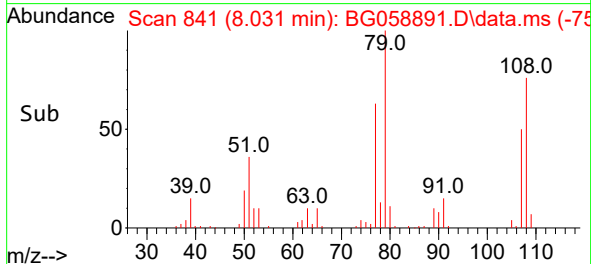
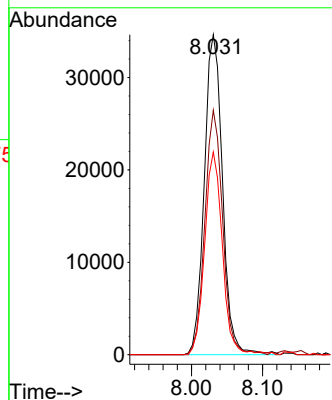
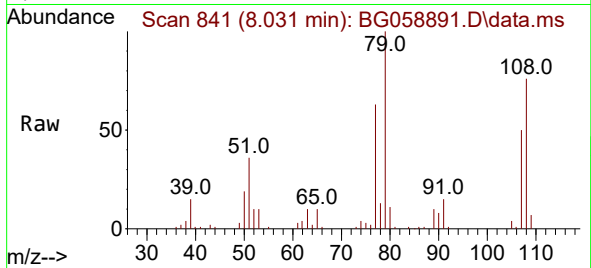
ClientSampleId :

VNJ-208MS

Tgt Ion: 79 Resp: 6189
Ion Ratio Lower Upper
79 100
108 76.4 63.4 95.0
77 63.3 52.2 78.2

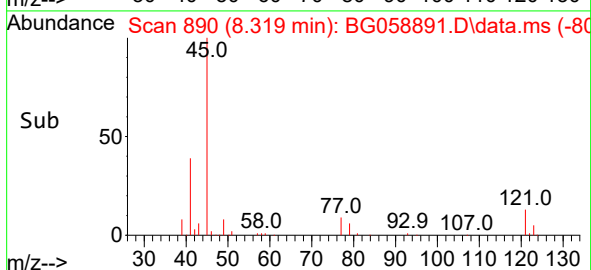
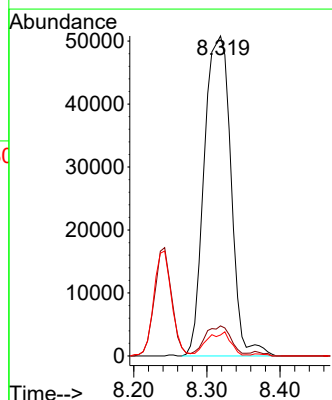
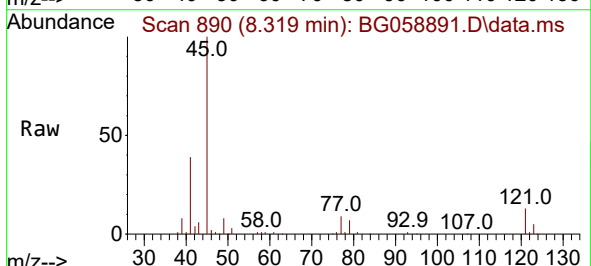
Manual Integrations
APPROVED

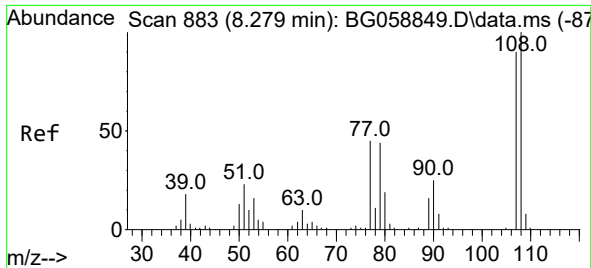
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.705 ng m
RT: 8.319 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion: 45 Resp: 128802
Ion Ratio Lower Upper
45 100
77 9.4 0.0 30.3
79 6.6 0.0 27.7





#17
2-Methylphenol
Concen: 52.344 ng
RT: 8.242 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

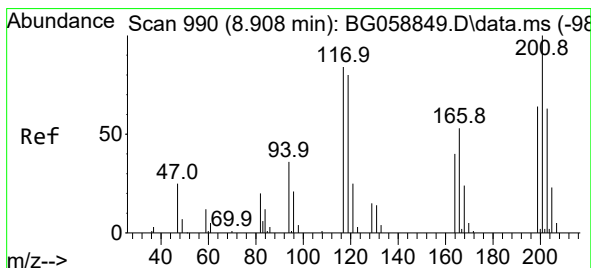
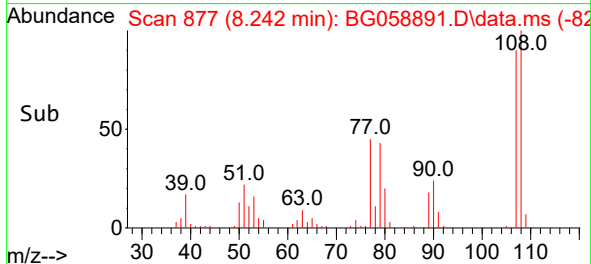
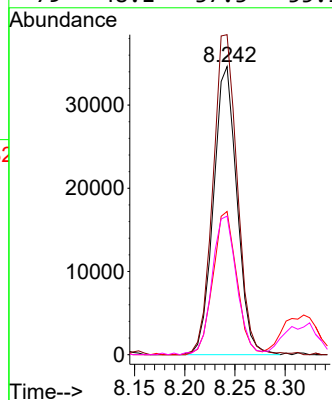
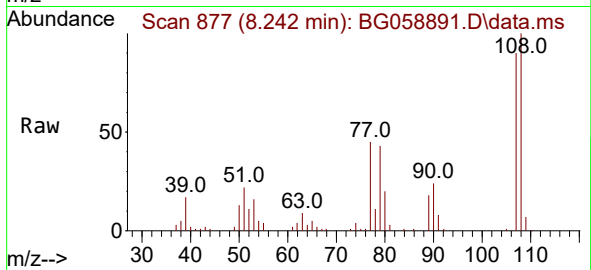
VNJ-208MS

Tgt Ion:107 Resp: 56500
Ion Ratio Lower Upper
107 100
108 111.0 92.2 138.2
77 49.7 40.0 60.0
79 48.1 37.3 55.9

Manual Integrations

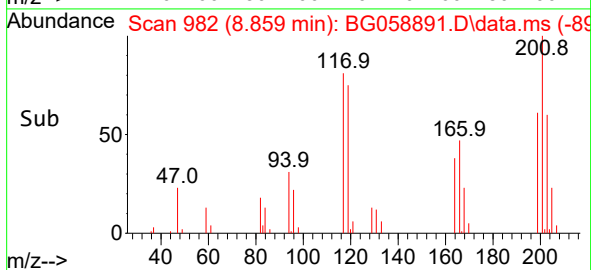
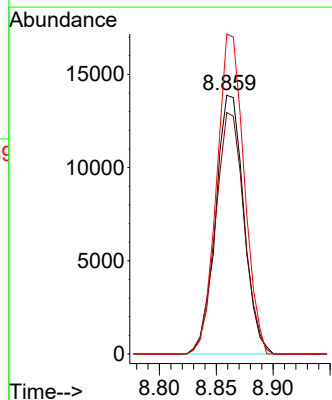
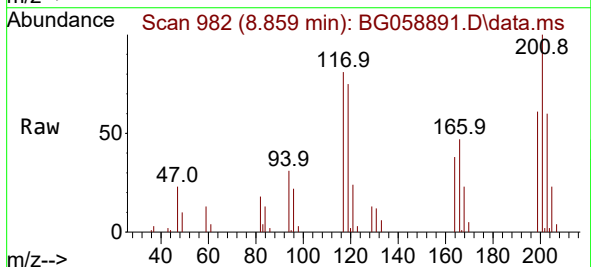
APPROVED

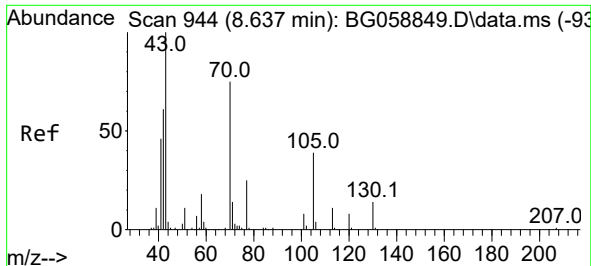
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#18
Hexachloroethane
Concen: 55.502 ng
RT: 8.859 min Scan# 982
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

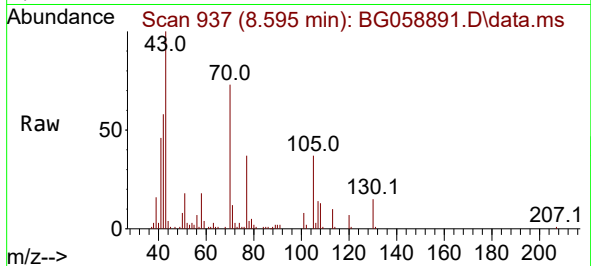
Tgt Ion:117 Resp: 23857
Ion Ratio Lower Upper
117 100
119 93.3 76.6 115.0
201 123.7 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 48.030 ng
RT: 8.595 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

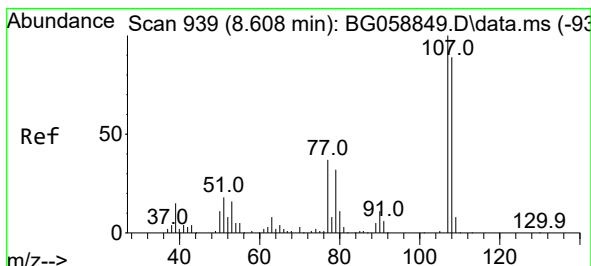
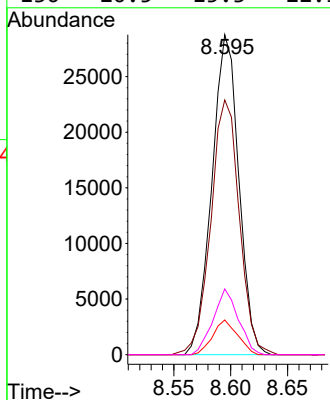
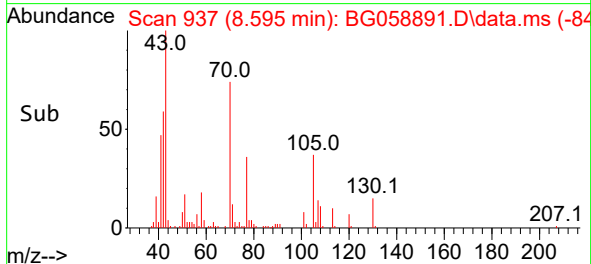
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



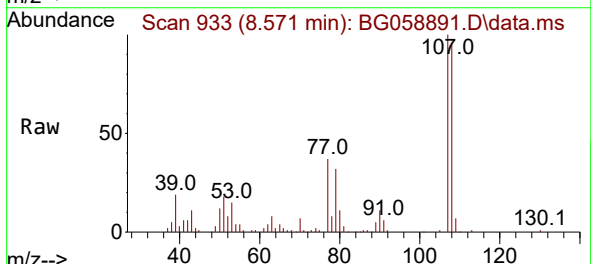
Tgt Ion: 70 Resp: 47318
Ion Ratio Lower Upper
70 100
42 79.6 59.2 88.8
101 10.8 8.2 12.2
130 20.5 15.3 22.9

Manual Integrations
APPROVED

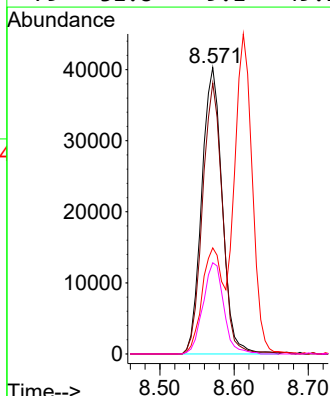
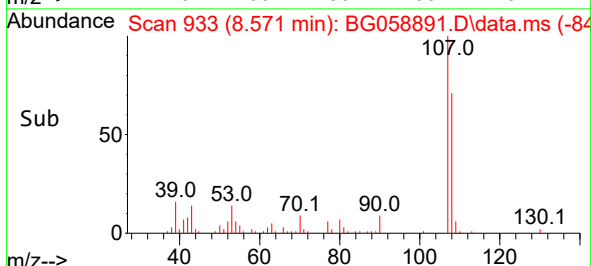
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

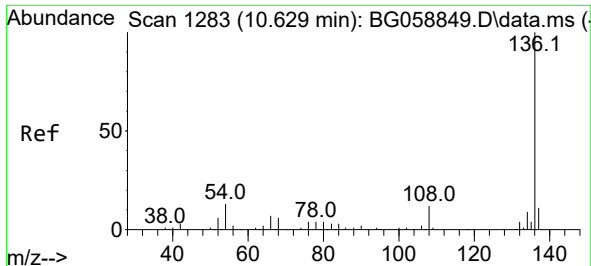


#20
3+4-Methylphenols
Concen: 53.208 ng
RT: 8.571 min Scan# 933
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



Tgt Ion:107 Resp: 77214
Ion Ratio Lower Upper
107 100
108 94.6 70.6 110.6
77 37.1 14.8 54.8
79 31.8 9.1 49.1





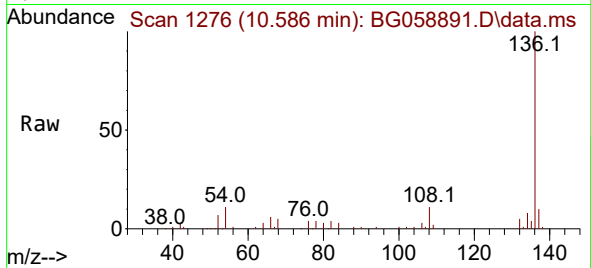
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

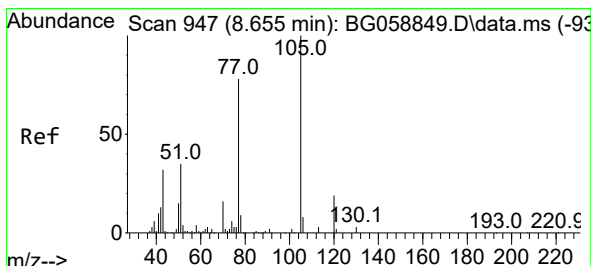
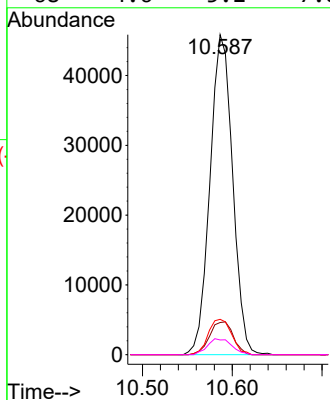
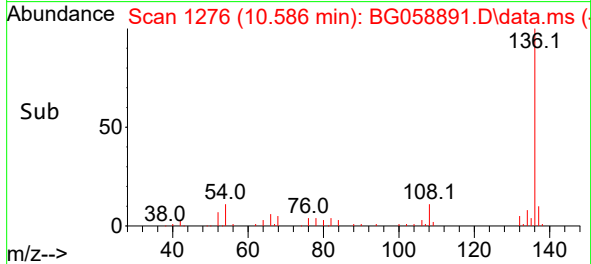


Tgt Ion:136 Resp: 80270
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 11.0 10.1 15.1
68 4.6 5.2 7.8#

Manual Integrations

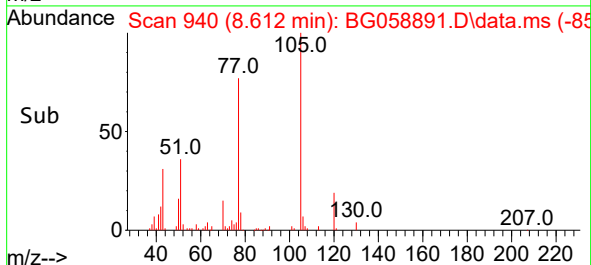
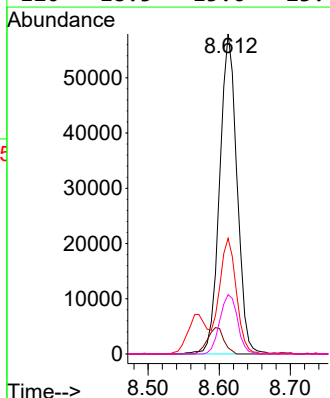
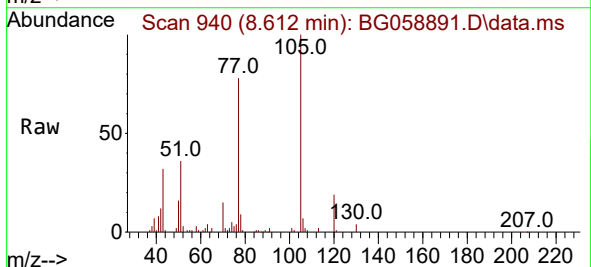
APPROVED

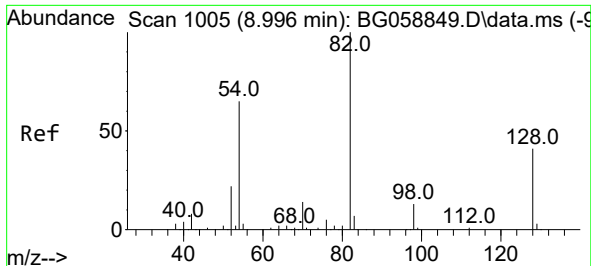
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#22
Acetophenone
Concen: 44.978 ng
RT: 8.612 min Scan# 940
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:105 Resp: 97740
Ion Ratio Lower Upper
105 100
71 1.9 2.2 3.2#
51 36.1 28.5 42.7
120 18.5 15.6 23.4





#23

Nitrobenzene-d5

Concen: 66.599 ng

RT: 8.953 min Scan# 998

Delta R.T. -0.005 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion: 82 Resp: 11120

Ion Ratio Lower Upper

82 100

128 40.7 33.2 49.8

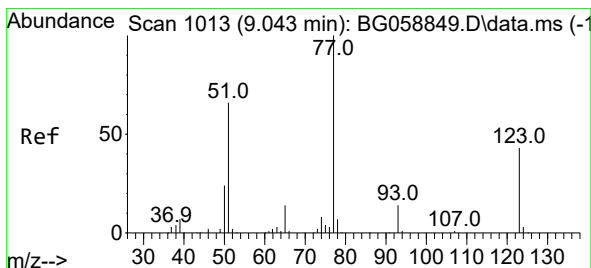
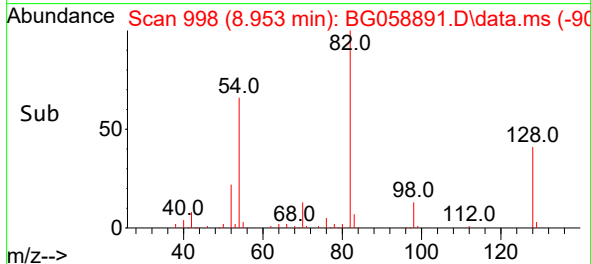
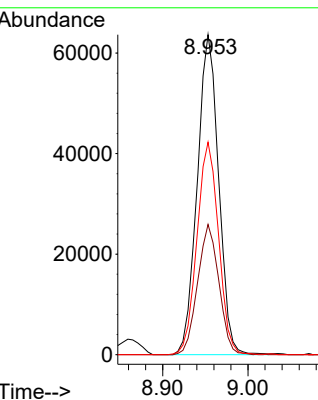
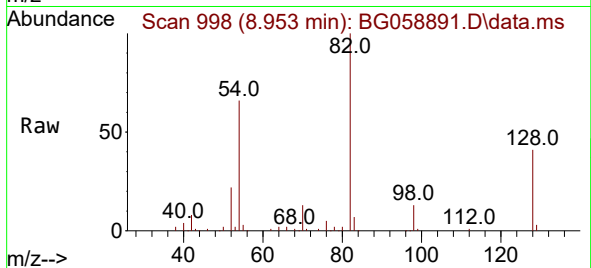
54 66.4 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#24

Nitrobenzene

Concen: 44.381 ng

RT: 8.994 min Scan# 1005

Delta R.T. -0.005 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

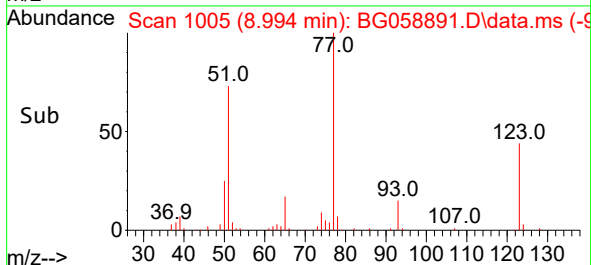
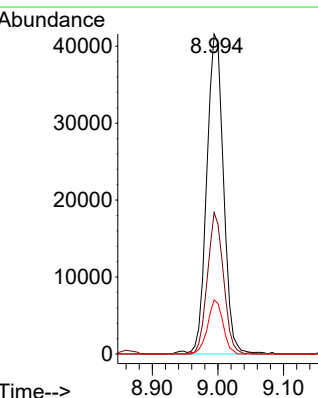
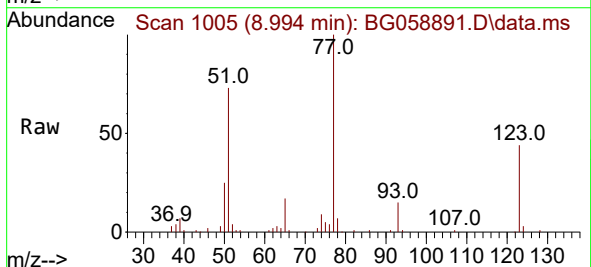
Tgt Ion: 77 Resp: 73703

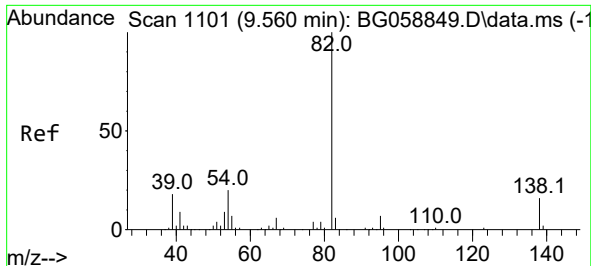
Ion Ratio Lower Upper

77 100

123 44.2 34.9 52.3

65 16.9 10.9 16.3#





#25
Isophorone
Concen: 42.945 ng
RT: 9.511 min Scan# 1093
Delta R.T. -0.011 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

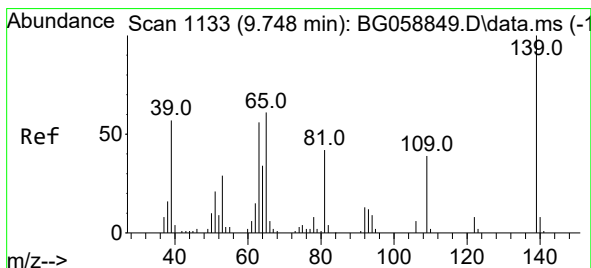
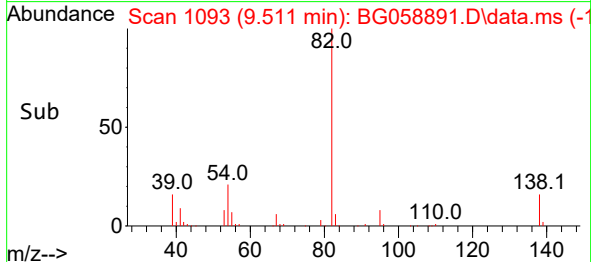
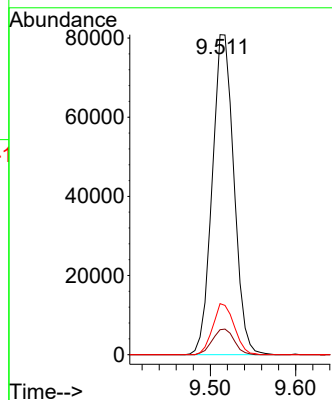
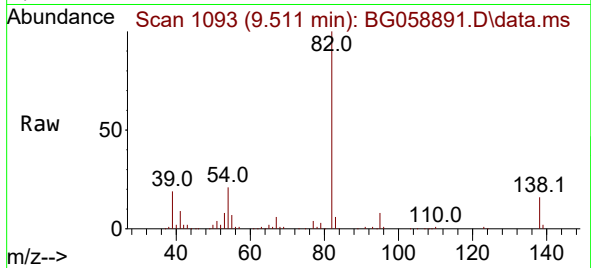
VNJ-208MS

Tgt Ion: 82 Resp: 14259
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 16.0 12.2 18.4

Manual Integrations

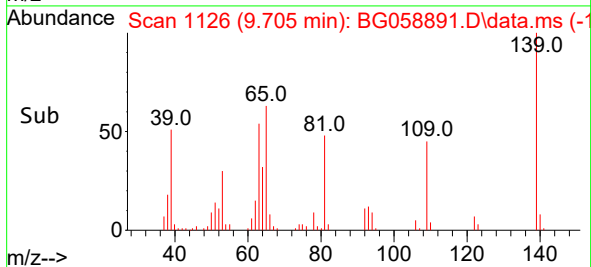
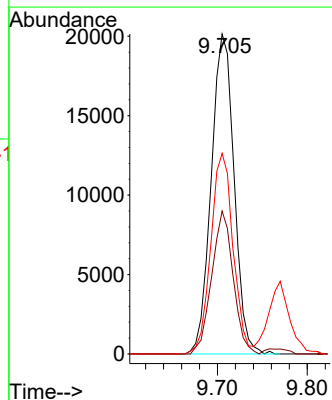
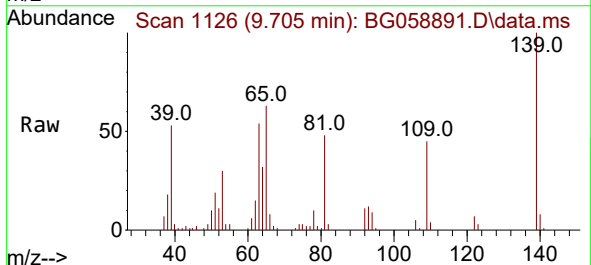
APPROVED

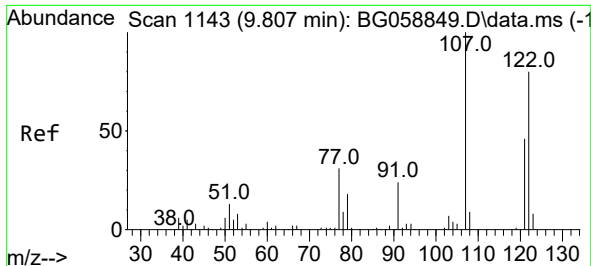
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#26
2-Nitrophenol
Concen: 51.196 ng
RT: 9.705 min Scan# 1126
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:139 Resp: 35558
Ion Ratio Lower Upper
139 100
109 44.7 28.7 43.1#
65 62.7 50.6 76.0





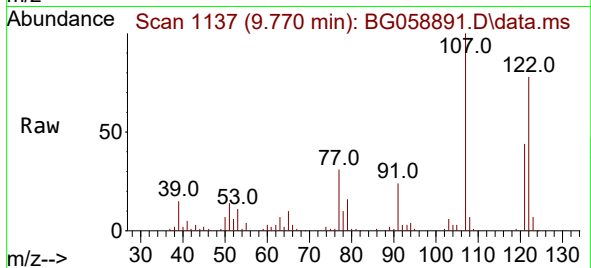
#27
2,4-Dimethylphenol
Concen: 50.780 ng
RT: 9.770 min Scan# 1143
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS



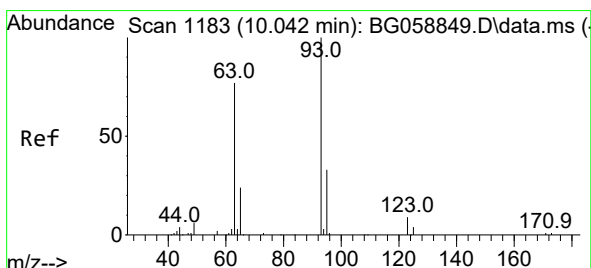
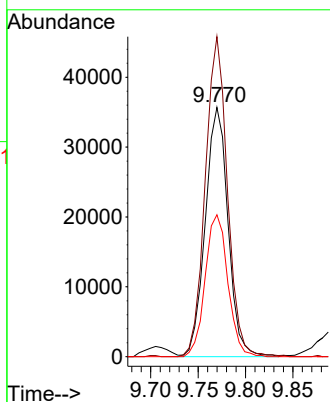
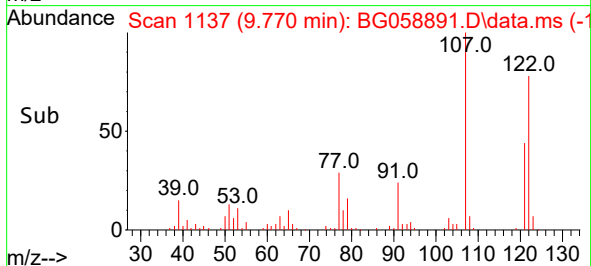
Tgt Ion:122 Resp: 59774
Ion Ratio Lower Upper
122 100
107 128.3 102.6 154.0
121 56.9 45.0 67.4

Manual Integrations

APPROVED

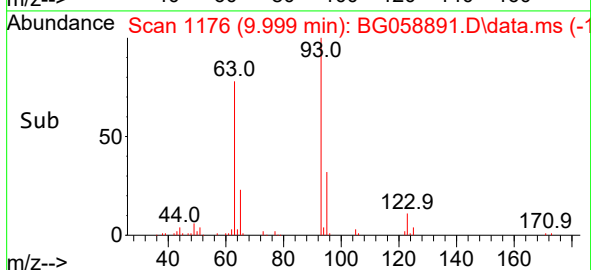
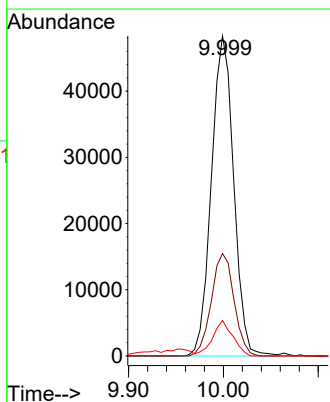
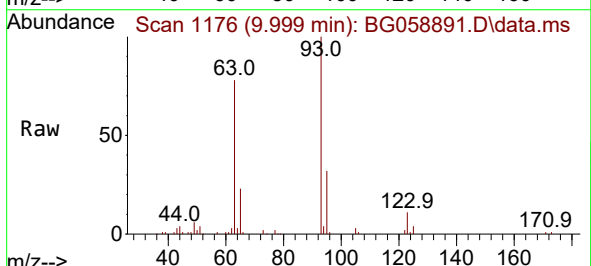
Reviewed By :Yogesh Patel 08/30/2023

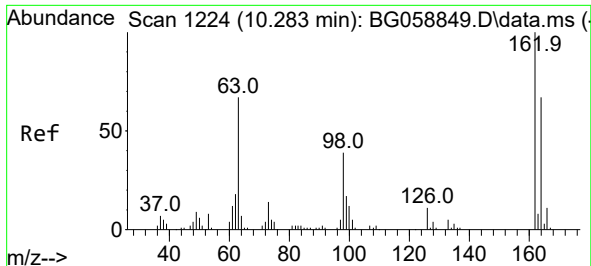
Supervised By :mohammad ahmed 08/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.765 ng
RT: 9.999 min Scan# 1176
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion: 93 Resp: 78735
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 11.1 8.1 12.1





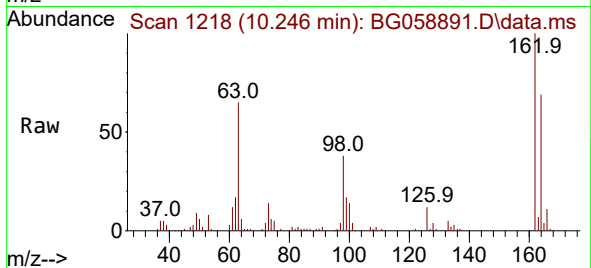
#29
2,4-Dichlorophenol
Concen: 55.728 ng
RT: 10.246 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

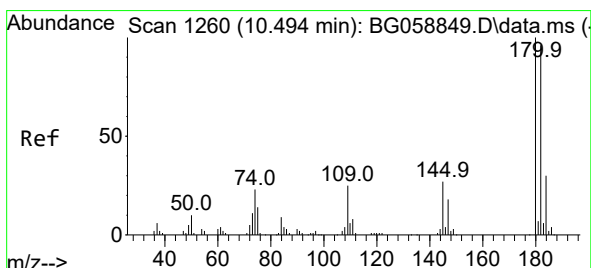
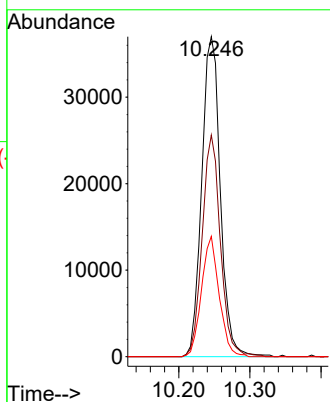
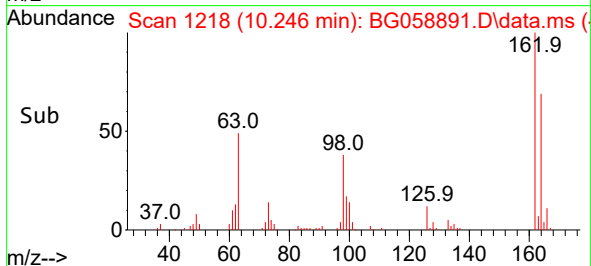


Tgt Ion:162 Resp: 6740
Ion Ratio Lower Upper
162 100
164 69.3 44.4 84.4
98 37.6 16.1 56.1

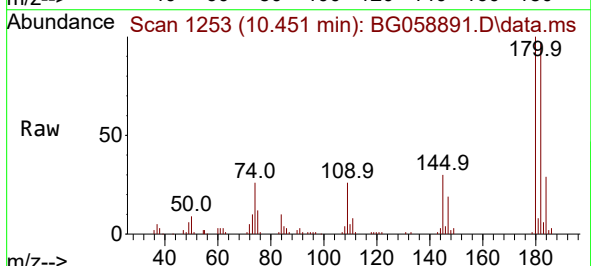
Manual Integrations

APPROVED

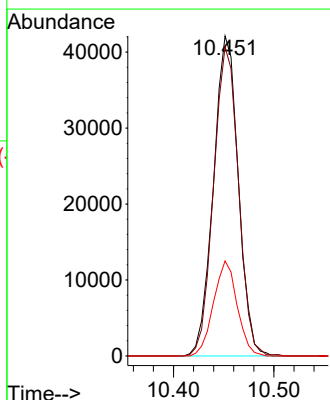
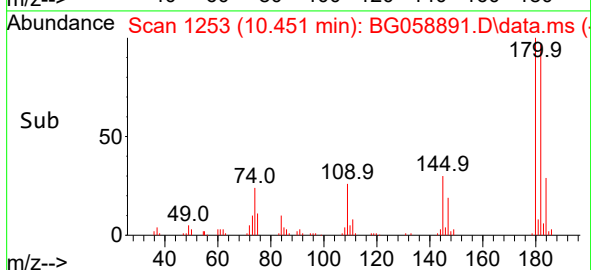
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

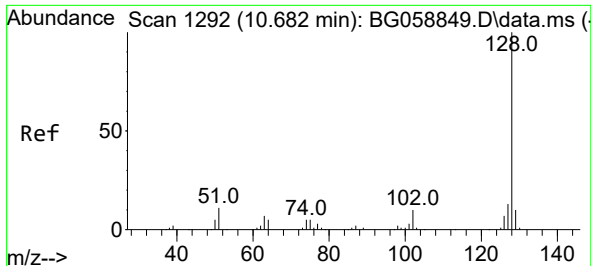


#30
1,2,4-Trichlorobenzene
Concen: 49.446 ng
RT: 10.451 min Scan# 1253
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



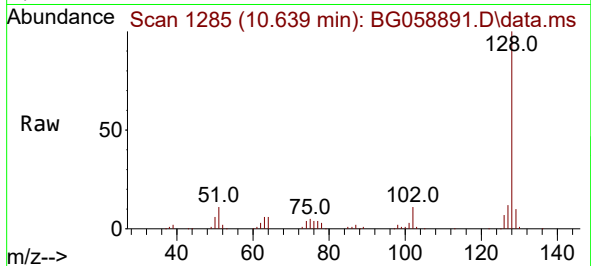
Tgt Ion:180 Resp: 72223
Ion Ratio Lower Upper
180 100
182 96.5 74.6 112.0
145 29.7 21.4 32.0





#31
Naphthalene
Concen: 47.018 ng
RT: 10.639 min Scan# 1168
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

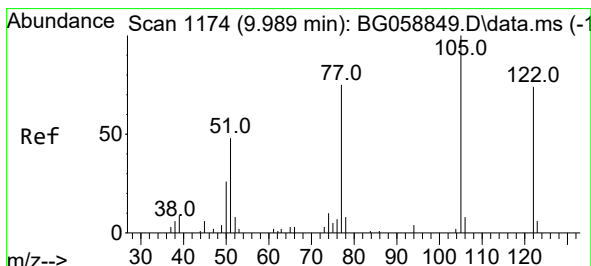
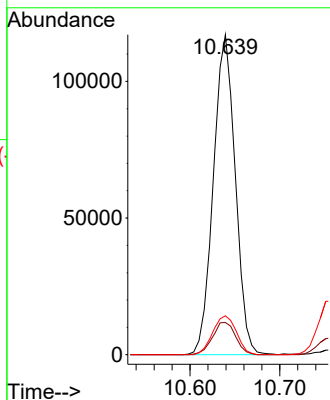
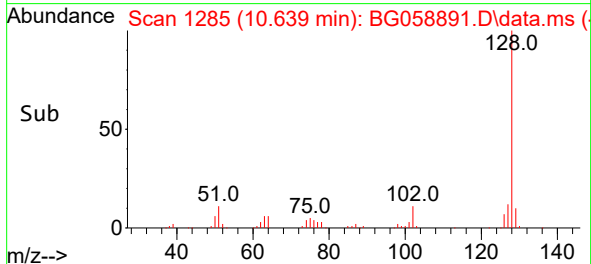
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion:128 Resp: 198180
Ion Ratio Lower Upper
128 100
129 10.1 8.9 13.3
127 12.2 10.6 15.8

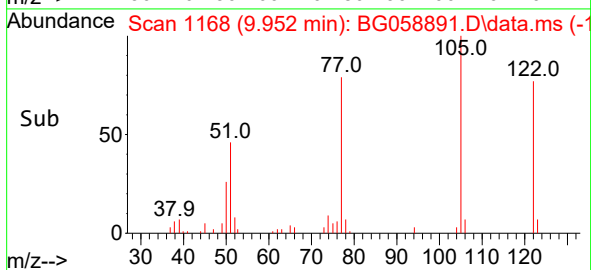
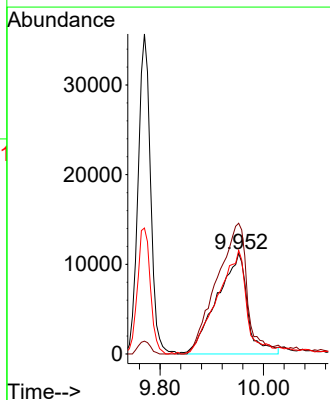
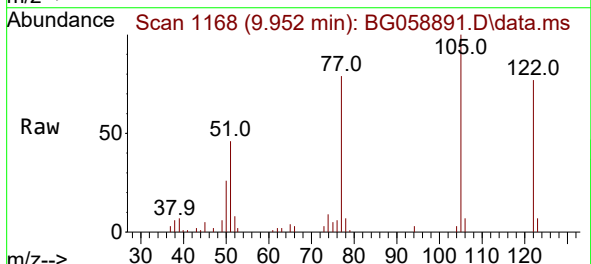
Manual Integrations
APPROVED

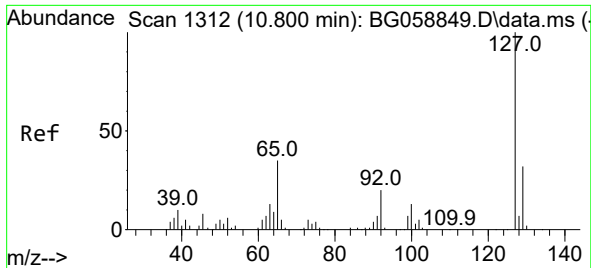
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#32
Benzoic acid
Concen: 61.958 ng
RT: 9.952 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:122 Resp: 46062
Ion Ratio Lower Upper
122 100
105 129.9 113.6 153.6
77 103.1 79.7 119.7





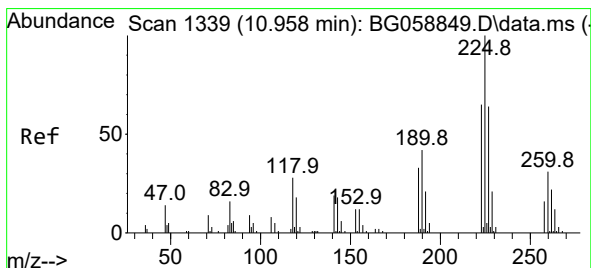
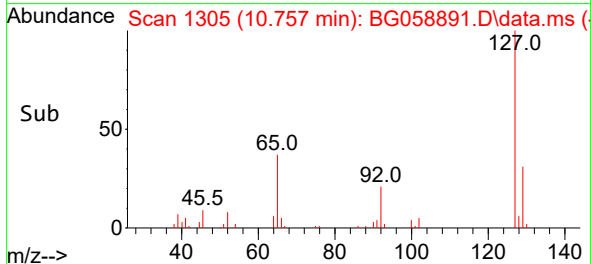
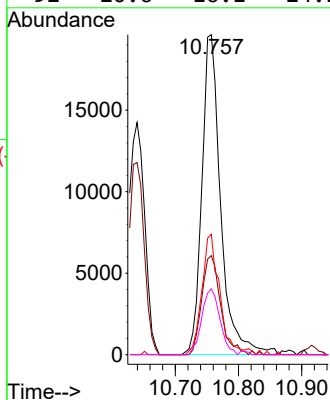
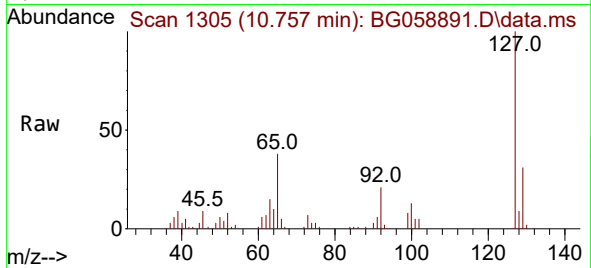
#33
4-Chloroaniline
Concen: 22.920 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.2	37.8
65	37.6	30.5	45.7
92	20.6	16.1	24.1

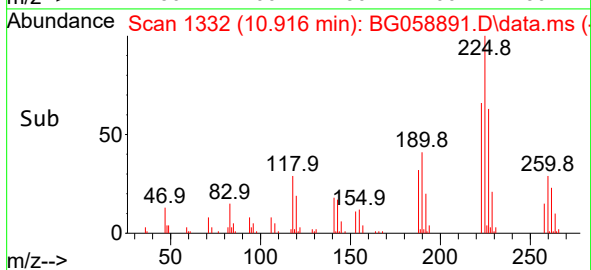
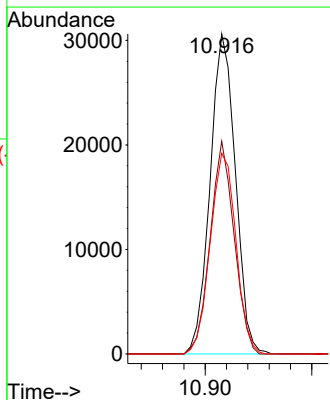
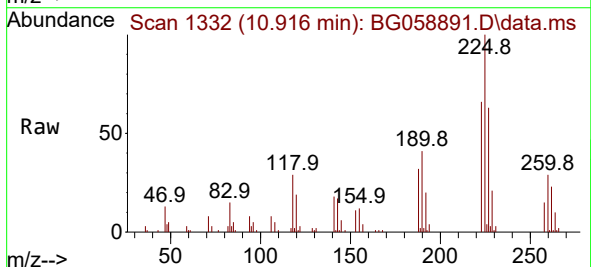
Manual Integrations
APPROVED

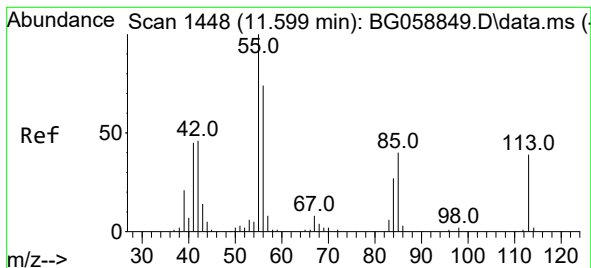
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#34
Hexachlorobutadiene
Concen: 51.103 ng
RT: 10.916 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	49.9	74.9
227	62.7	51.6	77.4





#35

Caprolactam

Concen: 48.273 ng m

RT: 11.550 min Scan# 1440

Delta R.T. -0.011 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

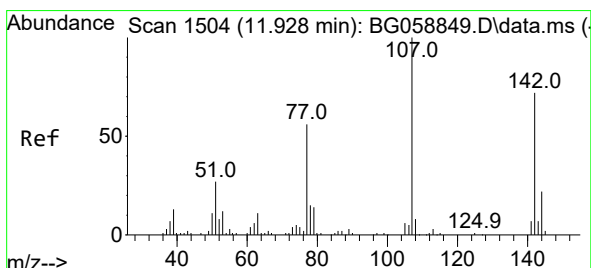
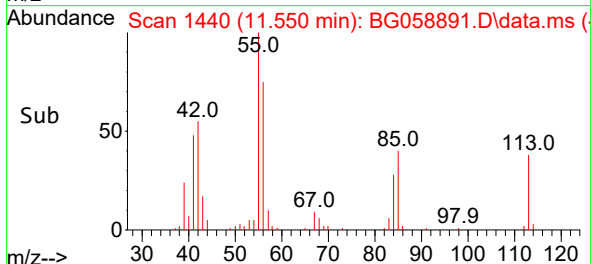
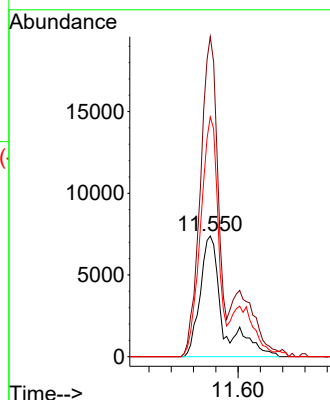
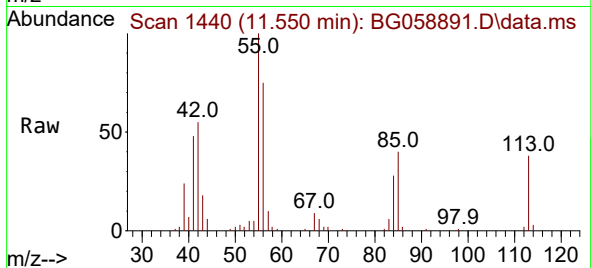
Tgt Ion:113	Resp:	2092
Ion Ratio	Lower	Upper
113	100	
55	265.3	256.3 296.3
56	198.8	180.4 220.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#36

4-Chloro-3-methylphenol

Concen: 52.481 ng

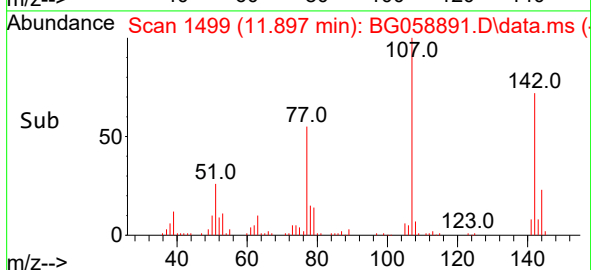
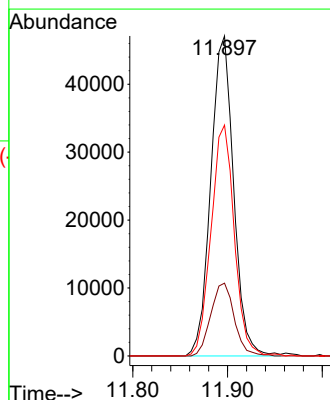
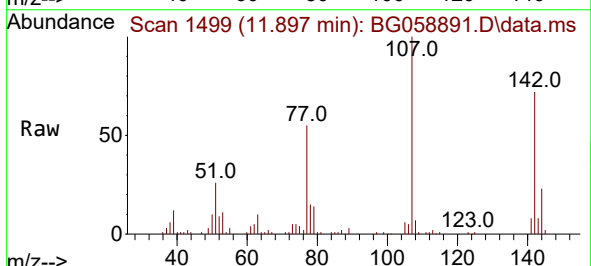
RT: 11.897 min Scan# 1499

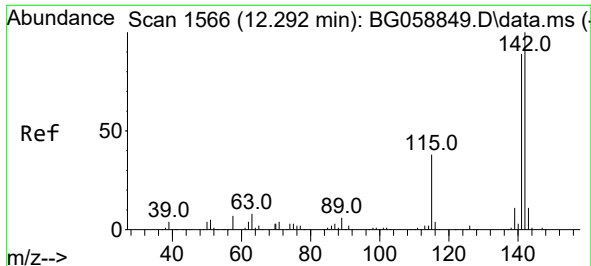
Delta R.T. 0.007 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Tgt Ion:107	Resp:	78943
Ion Ratio	Lower	Upper
107	100	
144	22.7	17.9 26.9
142	72.1	58.5 87.7





#37

2-Methylnaphthalene

Concen: 47.496 ng

RT: 12.255 min Scan# 1560

Delta R.T. 0.001 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

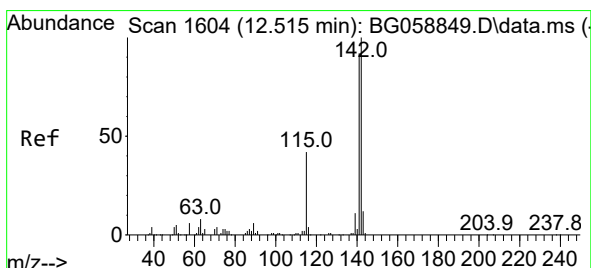
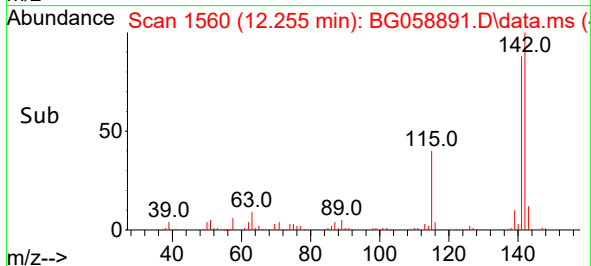
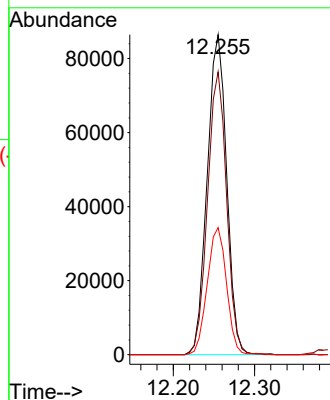
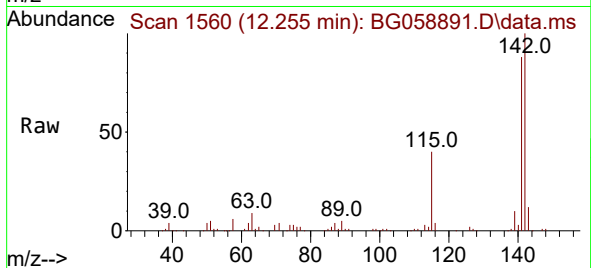
Tgt Ion:142	Resp: 14378
Ion Ratio	Lower Upper
142	100
141	88.4 71.8 107.8
115	39.7 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#38

1-Methylnaphthalene

Concen: 47.828 ng

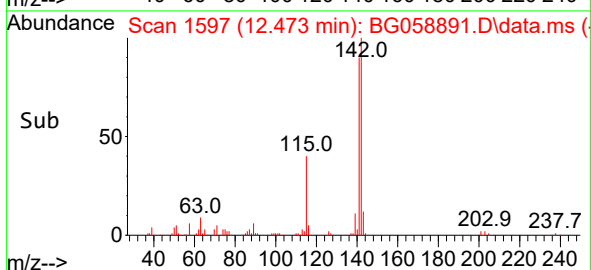
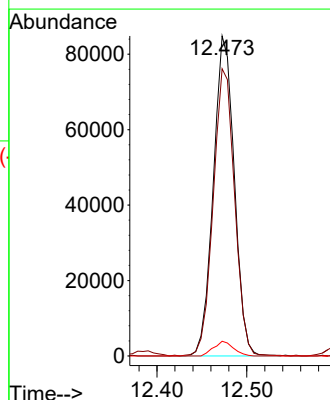
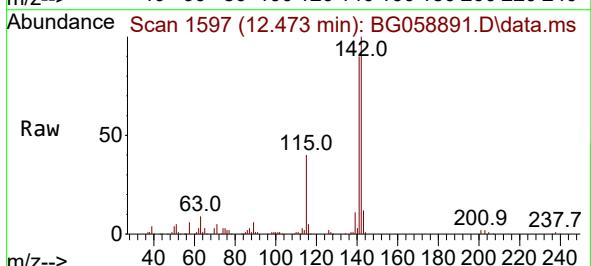
RT: 12.473 min Scan# 1597

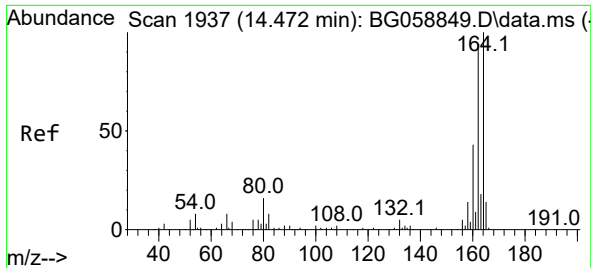
Delta R.T. -0.005 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Tgt Ion:142	Resp: 137443
Ion Ratio	Lower Upper
142	100
141	89.8 73.9 110.9
116	4.6 3.2 4.8





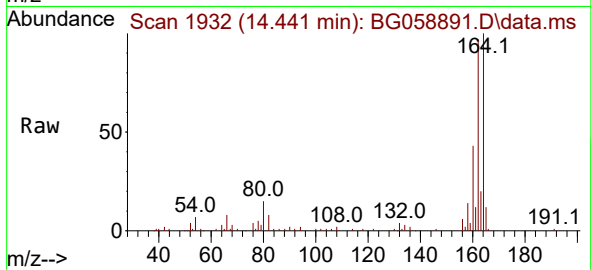
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.441 min Scan# 1937
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

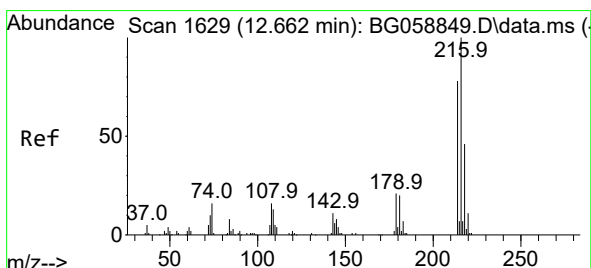
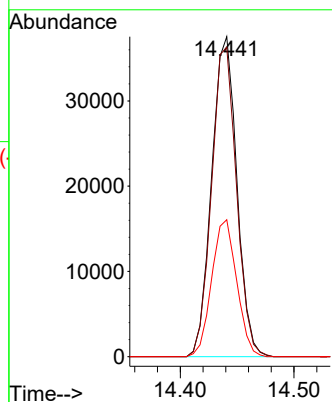
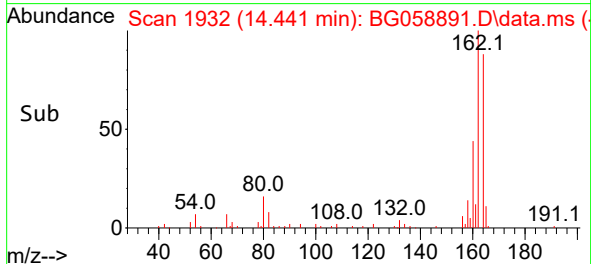


Tgt Ion:164 Resp: 57685
Ion Ratio Lower Upper
164 100
162 96.7 79.6 119.4
160 42.8 34.0 51.0

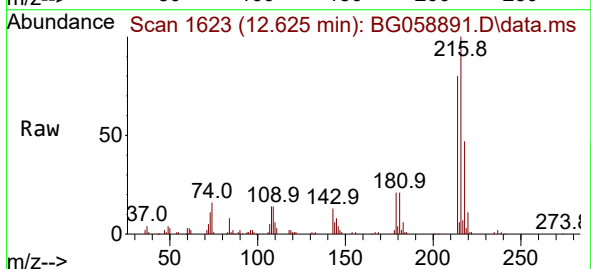
Manual Integrations

APPROVED

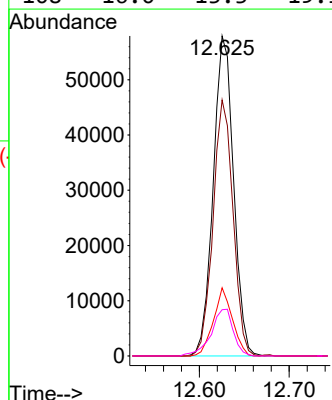
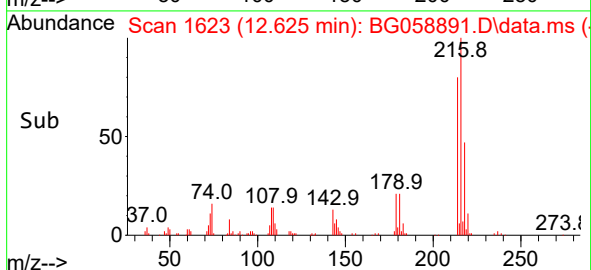
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

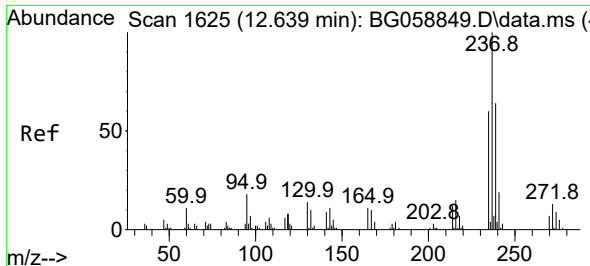


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.171 ng
RT: 12.625 min Scan# 1623
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



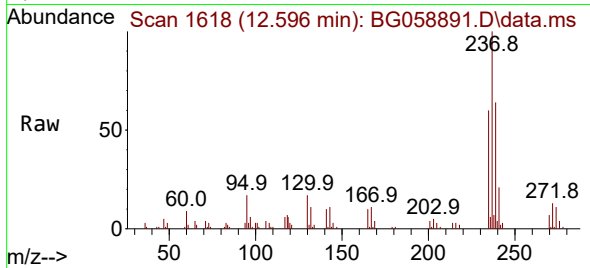
Tgt Ion:216 Resp: 91001
Ion Ratio Lower Upper
216 100
214 78.6 64.0 96.0
179 19.8 16.2 24.4
108 16.0 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 59.138 ng
RT: 12.596 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

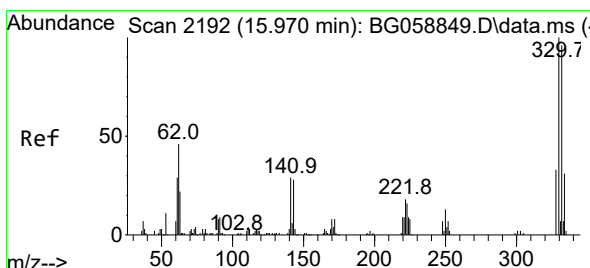
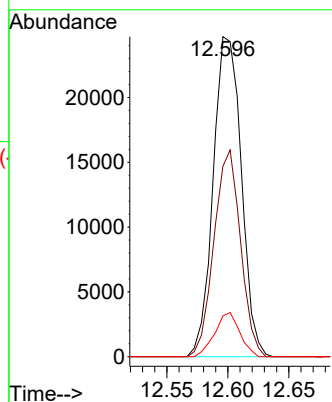
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



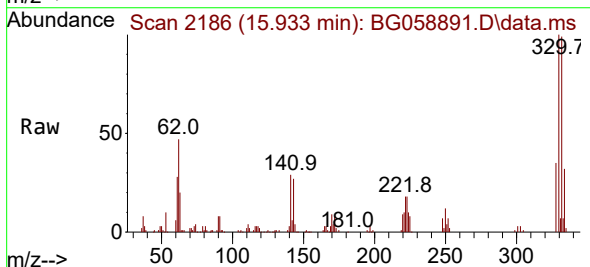
Tgt Ion:237 Resp: 3956
Ion Ratio Lower Upper
237 100
235 59.5 41.5 81.5
272 12.8 0.0 32.5

Manual Integrations
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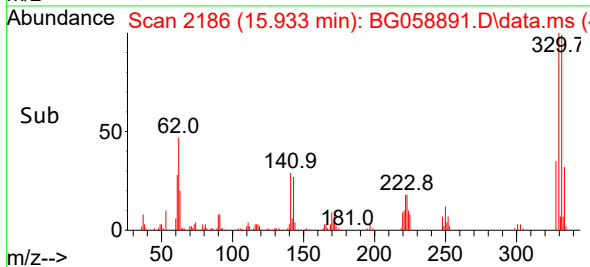
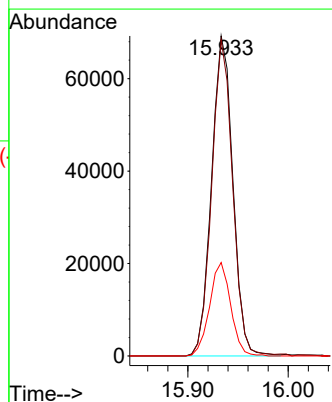
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

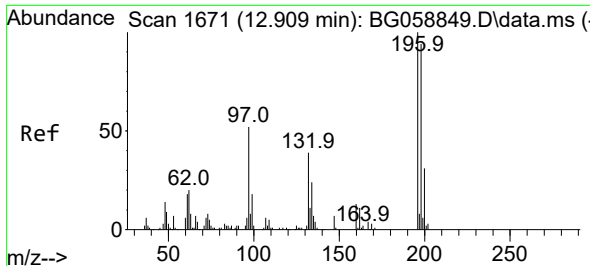


#42
2,4,6-Tribromophenol
Concen: 112.969 ng
RT: 15.933 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



Tgt Ion:330 Resp: 102179
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 28.9 23.0 34.6





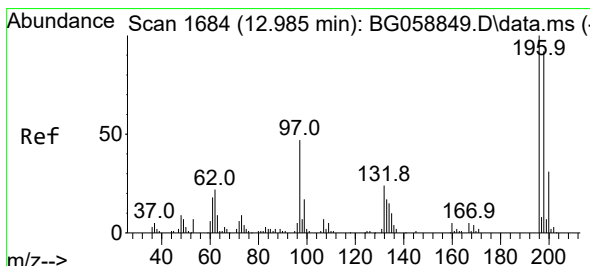
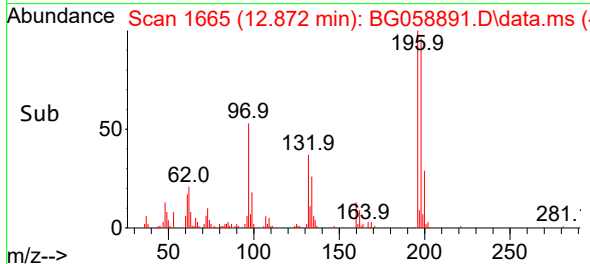
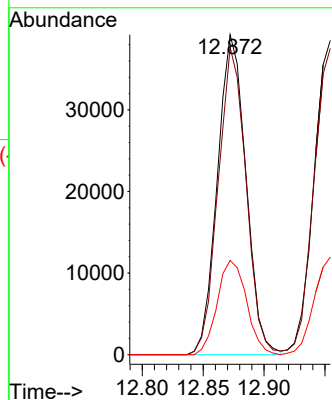
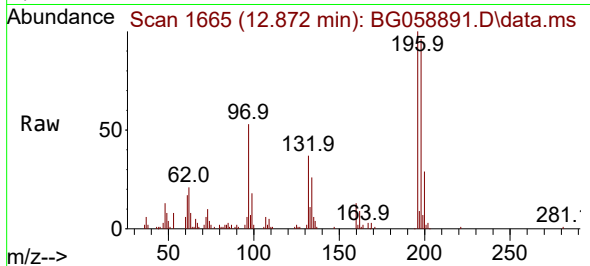
#43
2,4,6-Trichlorophenol
Concen: 56.434 ng
RT: 12.872 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:196 Resp: 6385
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
200 29.5 23.8 35.6

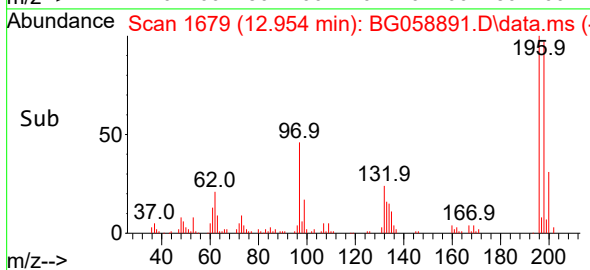
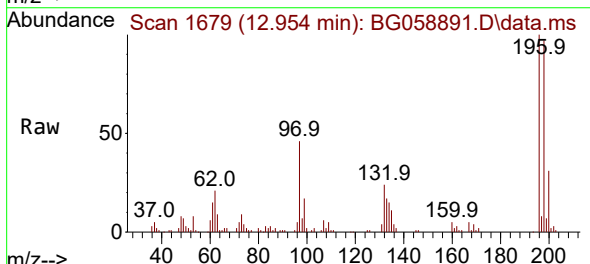
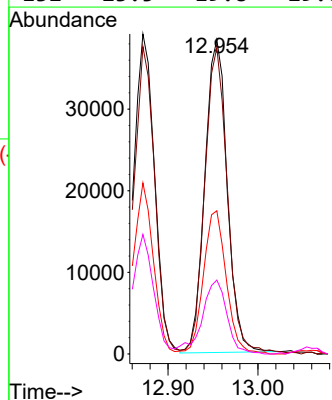
Manual Integrations
APPROVED

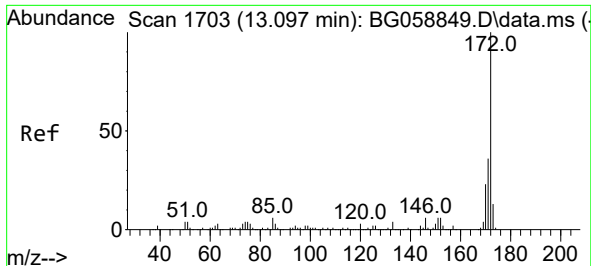
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#44
2,4,5-Trichlorophenol
Concen: 48.996 ng
RT: 12.954 min Scan# 1679
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:196 Resp: 66392
Ion Ratio Lower Upper
196 100
198 97.5 78.0 117.0
97 45.6 38.7 58.1
132 23.5 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 64.230 ng
RT: 13.060 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

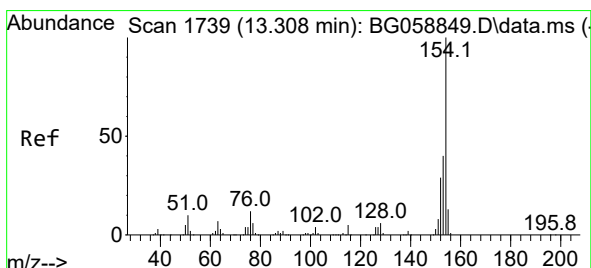
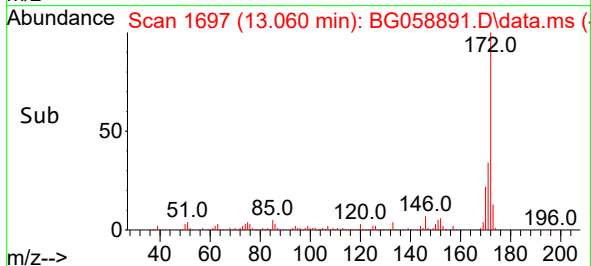
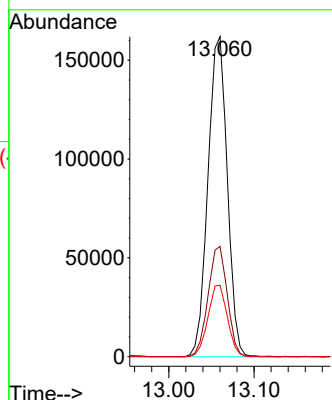
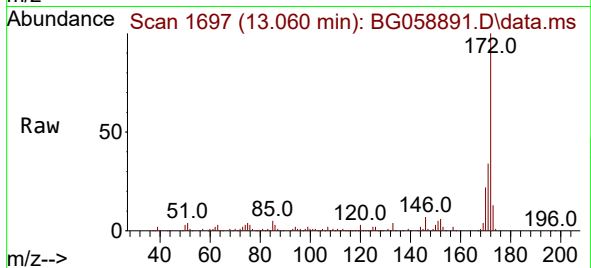
VNJ-208MS

Tgt Ion:172 Resp: 25474
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 22.4 18.6 27.8

Manual Integrations

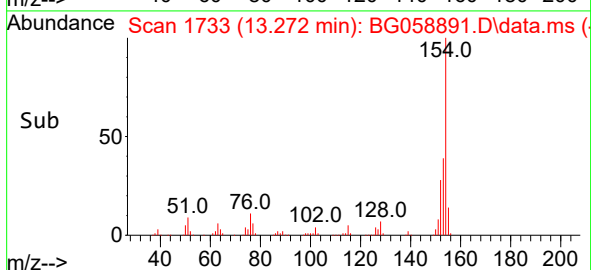
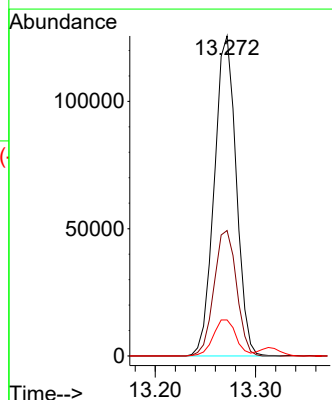
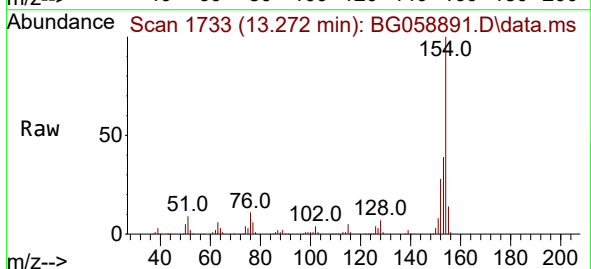
APPROVED

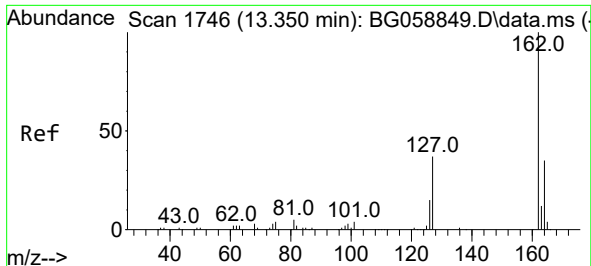
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#46
1,1'-Biphenyl
Concen: 47.979 ng
RT: 13.272 min Scan# 1733
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:154 Resp: 190658
Ion Ratio Lower Upper
154 100
153 39.2 21.7 61.7
76 11.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 49.866 ng

RT: 13.313 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

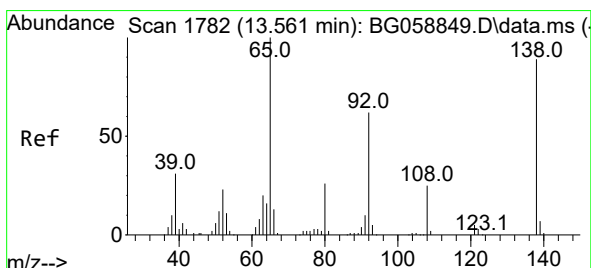
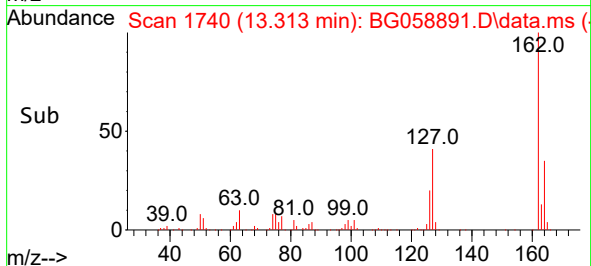
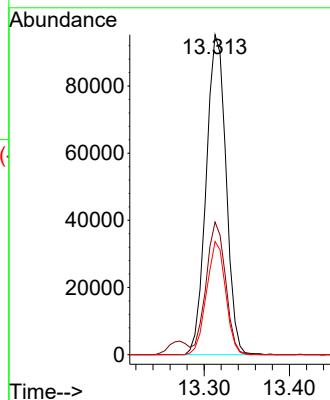
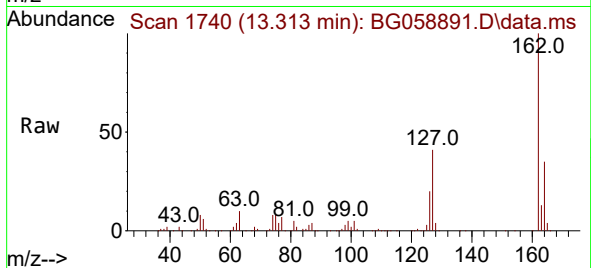
Tgt Ion:162	Resp: 15442
Ion Ratio	Lower Upper
162	100
127	41.4 31.5 47.3
164	35.3 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#48

2-Nitroaniline

Concen: 47.119 ng

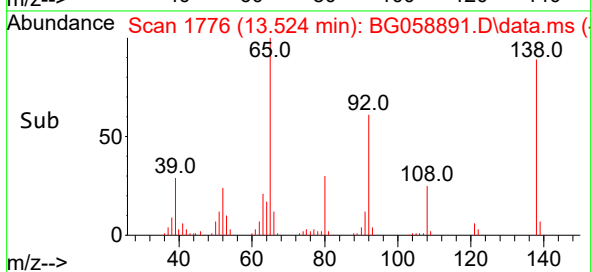
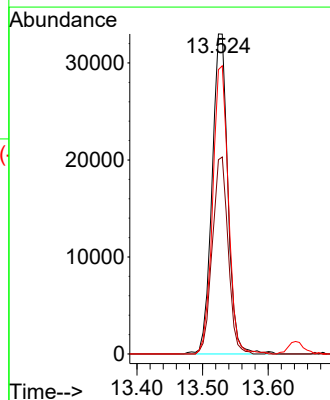
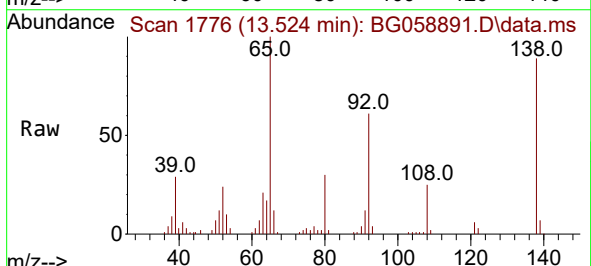
RT: 13.524 min Scan# 1776

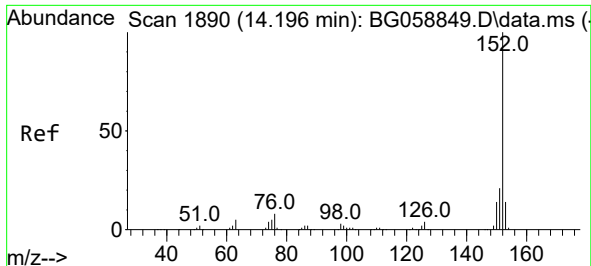
Delta R.T. -0.005 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Tgt Ion: 65	Resp: 55418
Ion Ratio	Lower Upper
65	100
92	60.7 50.7 76.1
138	88.8 70.7 106.1





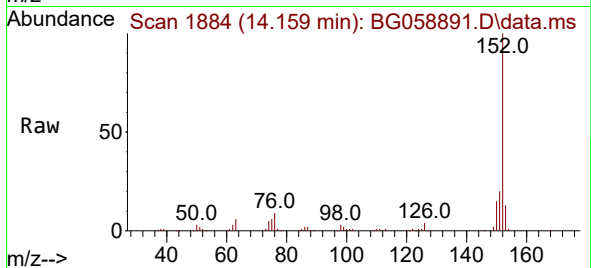
#49
Acenaphthylene
Concen: 48.796 ng
RT: 14.159 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

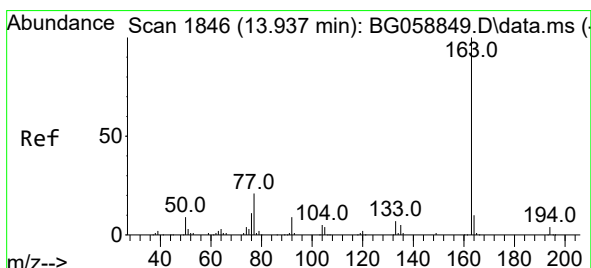
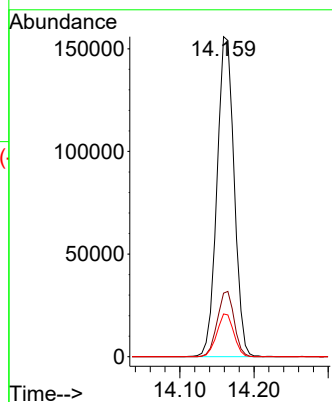
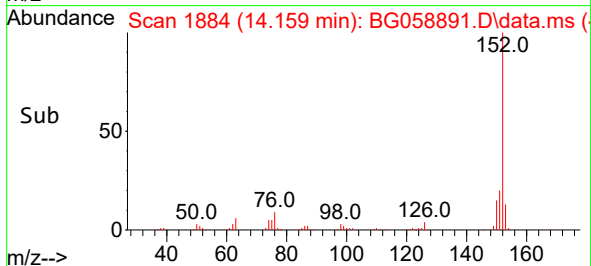


Tgt Ion:152 Resp: 25059
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.4 10.7 16.1

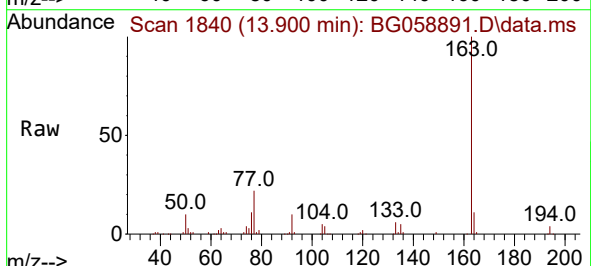
Manual Integrations

APPROVED

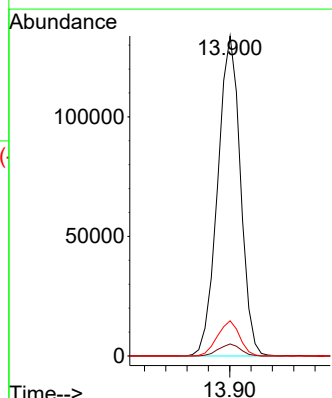
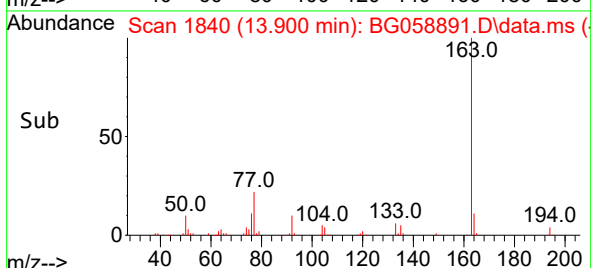
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

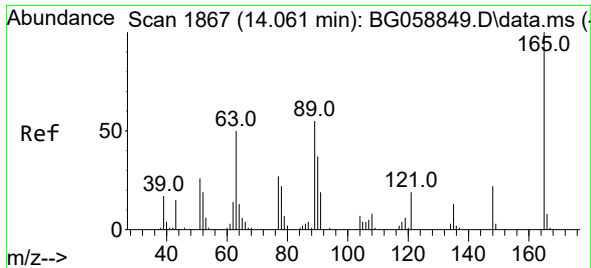


#50
Dimethylphthalate
Concen: 44.253 ng
RT: 13.900 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



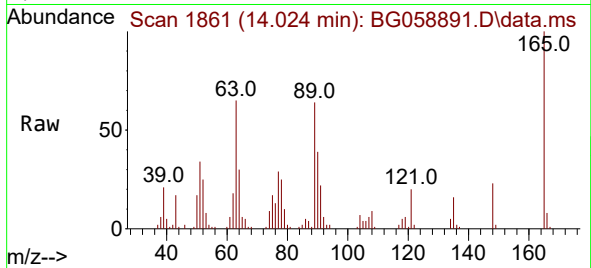
Tgt Ion:163 Resp: 197653
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 47.509 ng
RT: 14.024 min Scan# 1861
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

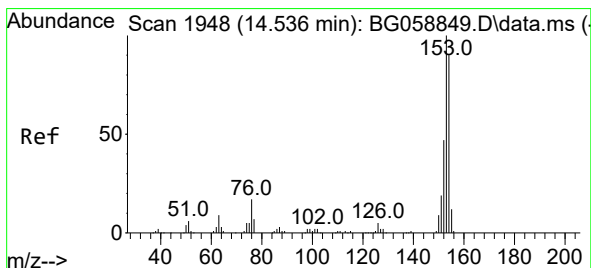
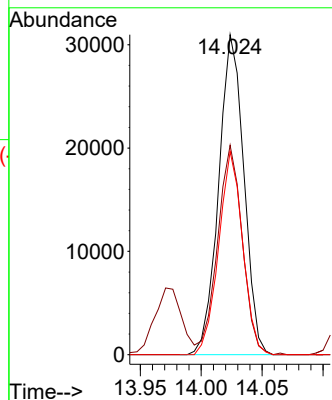
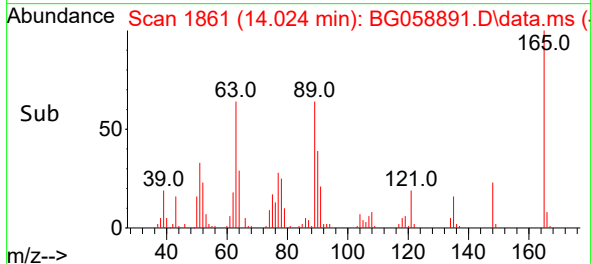
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion:165 Resp: 44579
Ion Ratio Lower Upper
165 100
63 65.4 47.2 70.8
89 63.5 45.0 67.4

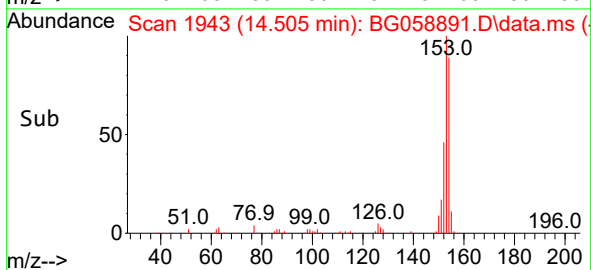
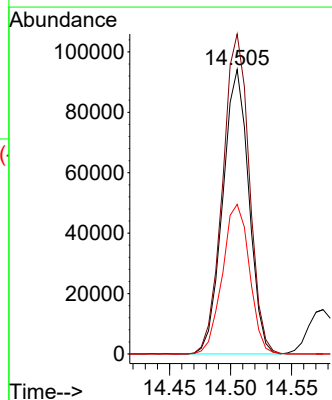
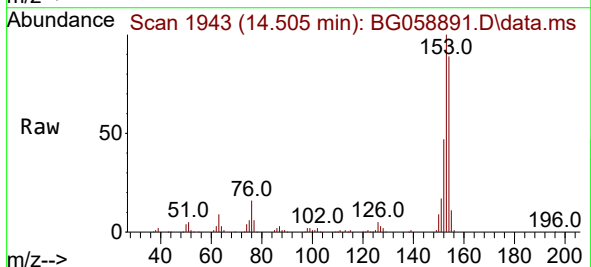
Manual Integrations
APPROVED

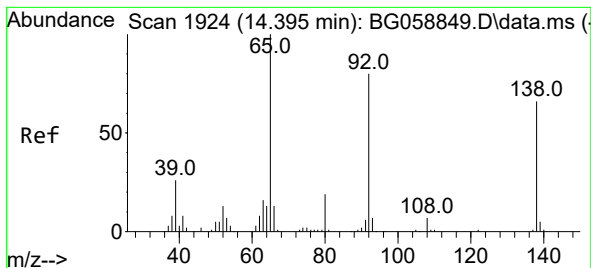
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#52
Acenaphthene
Concen: 46.733 ng
RT: 14.505 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:154 Resp: 140248
Ion Ratio Lower Upper
154 100
153 112.5 92.7 139.1
152 52.6 44.2 66.2





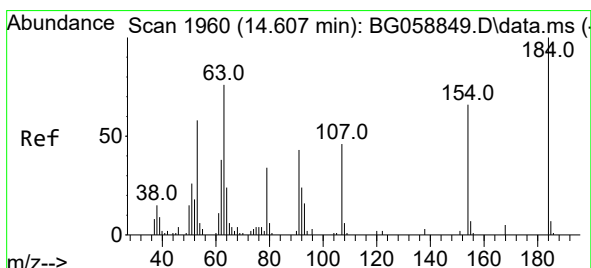
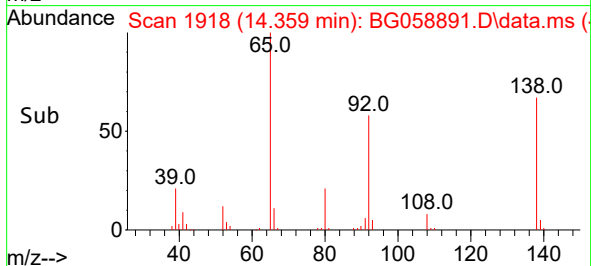
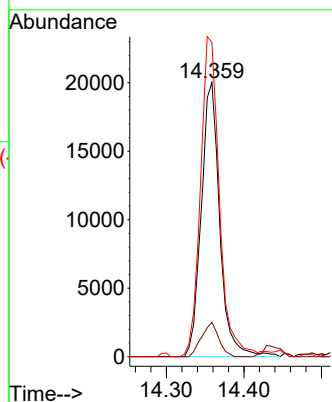
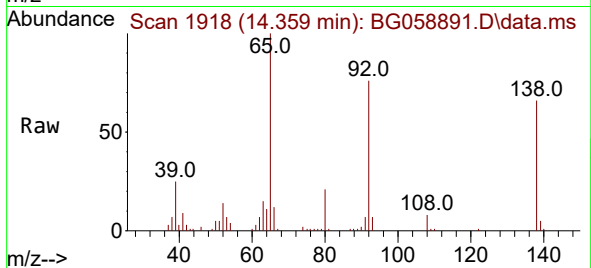
#53
3-Nitroaniline
Concen: 36.565 ng
RT: 14.359 min Scan# 1918
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:138 Resp: 33092
Ion Ratio Lower Upper
138 100
108 12.6 11.8 17.8
92 114.6 102.5 153.7

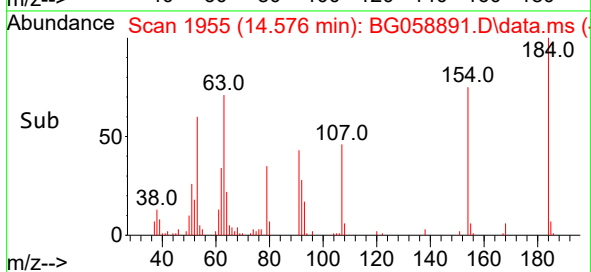
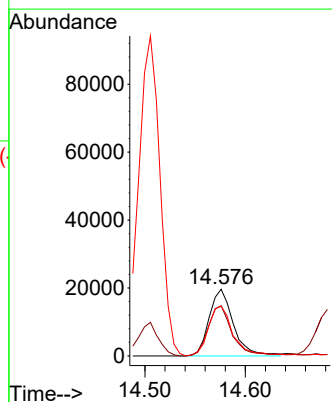
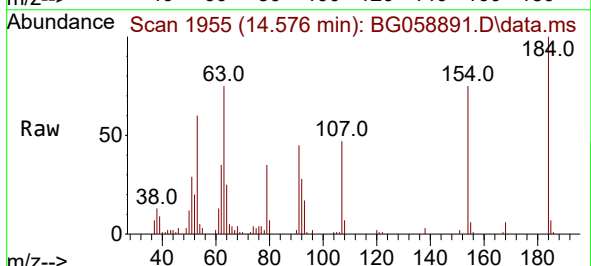
Manual Integrations
APPROVED

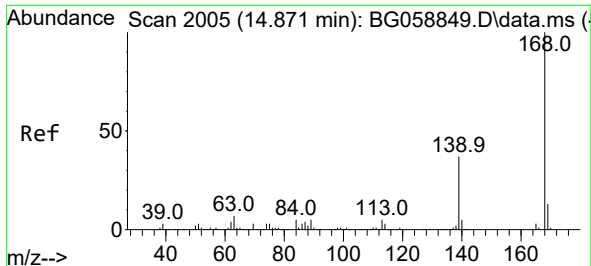
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#54
2,4-Dinitrophenol
Concen: 64.151 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:184 Resp: 32861
Ion Ratio Lower Upper
184 100
63 75.4 57.7 86.5
154 74.7 51.8 77.6





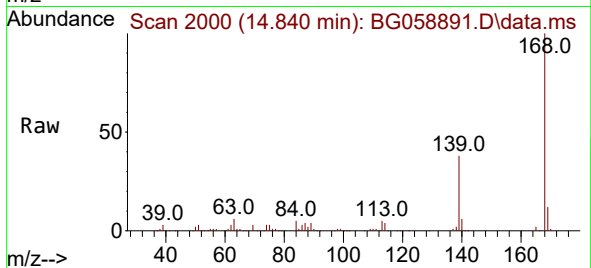
#55
Dibenzenofuran
Concen: 47.141 ng
RT: 14.840 min Scan# 2000
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

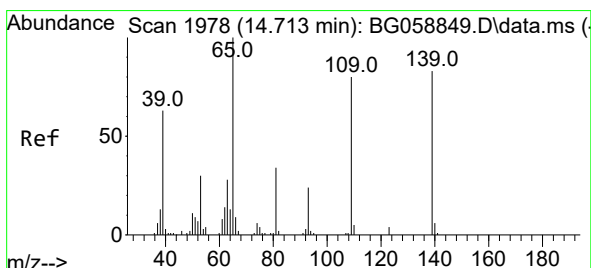
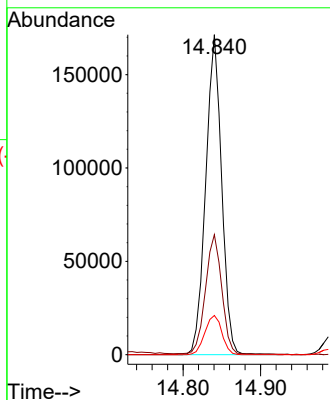
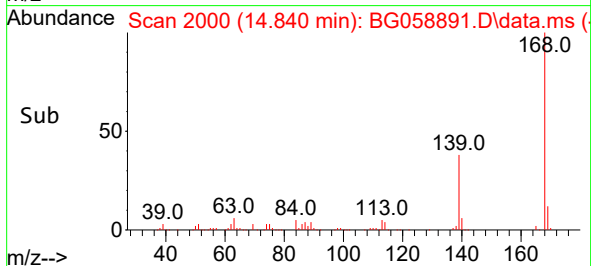


Tgt Ion:168 Resp: 24404
Ion Ratio Lower Upper
168 100
139 37.5 30.4 45.6
169 12.3 10.7 16.1

Manual Integrations

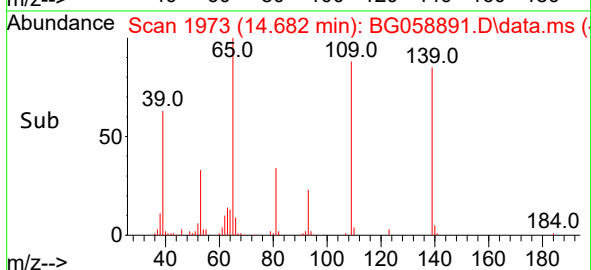
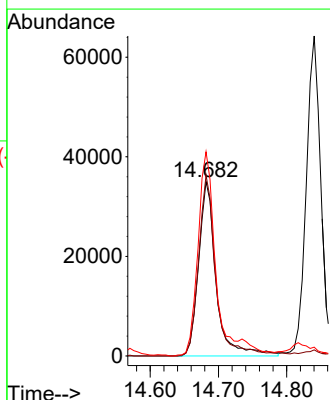
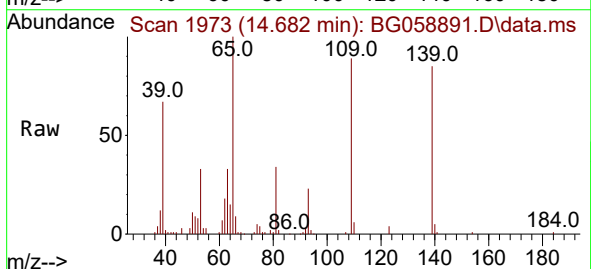
APPROVED

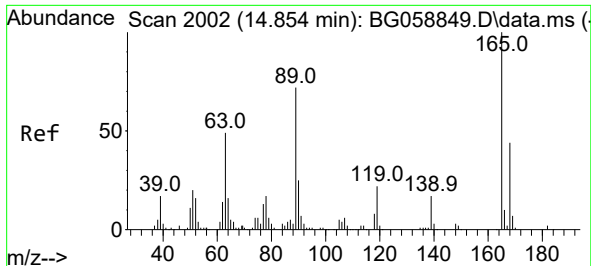
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#56
4-Nitrophenol
Concen: 95.005 ng
RT: 14.682 min Scan# 1973
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:139 Resp: 62781
Ion Ratio Lower Upper
139 100
109 103.7 71.9 111.9
65 117.0 100.7 140.7





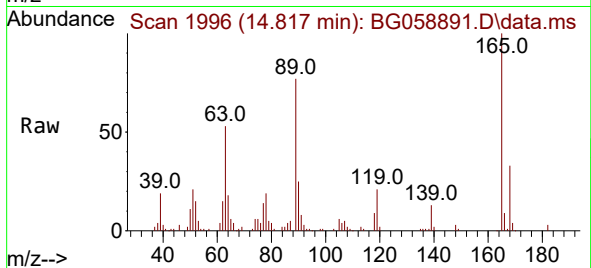
#57
2,4-Dinitrotoluene
Concen: 47.392 ng
RT: 14.817 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

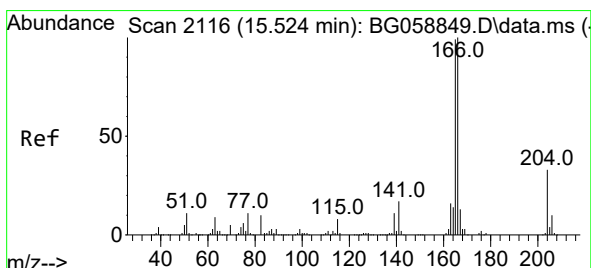
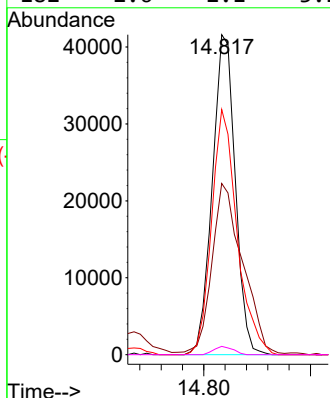
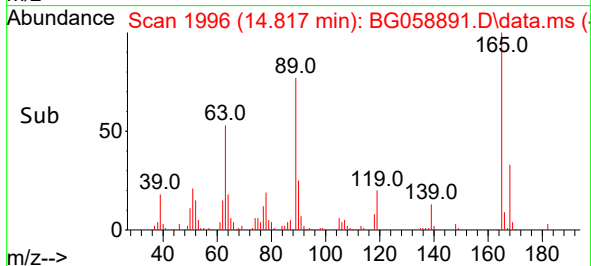


Tgt Ion:165 Resp: 62029
Ion Ratio Lower Upper
165 100
63 53.5 41.8 62.6
89 76.6 60.7 91.1
182 2.6 2.1 3.1

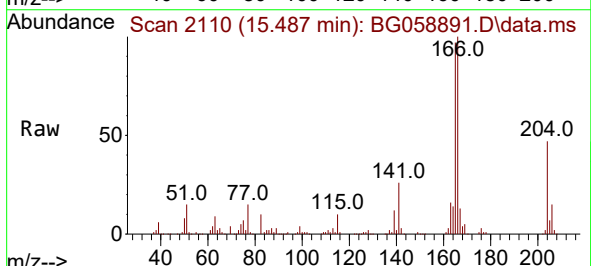
Manual Integrations

APPROVED

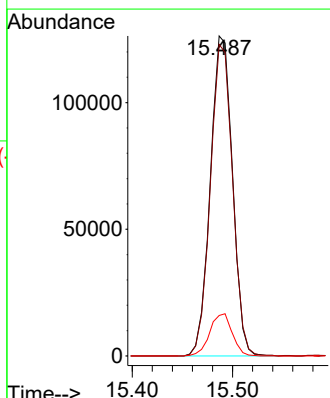
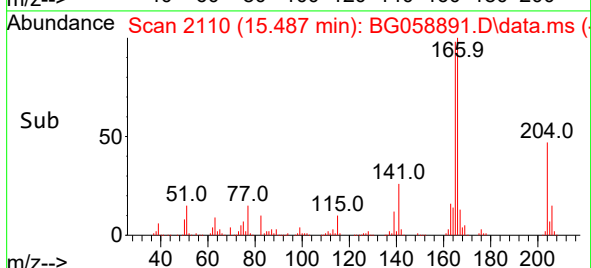
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

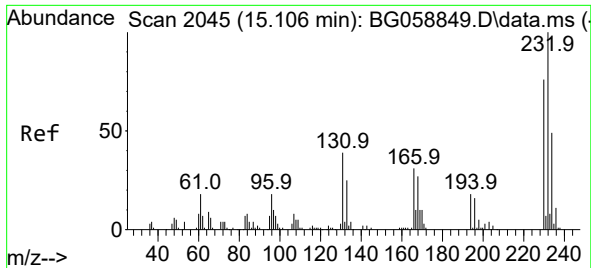


#58
Fluorene
Concen: 46.932 ng
RT: 15.487 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



Tgt Ion:166 Resp: 193354
Ion Ratio Lower Upper
166 100
165 97.4 79.9 119.9
167 12.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.360 ng
RT: 15.075 min Scan# 2040
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

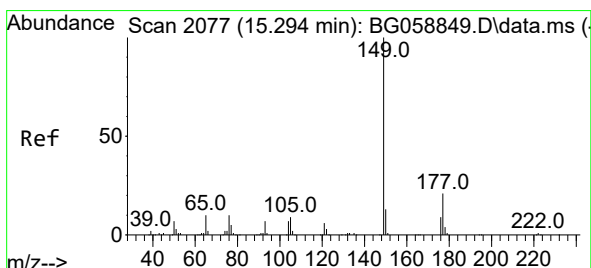
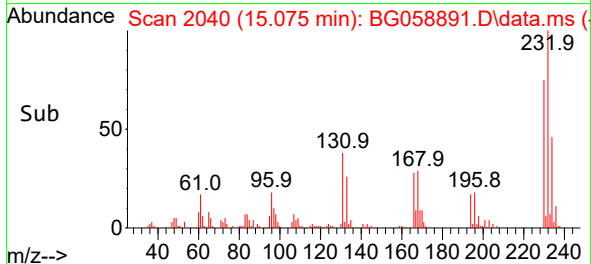
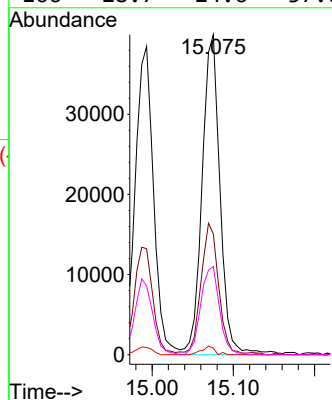
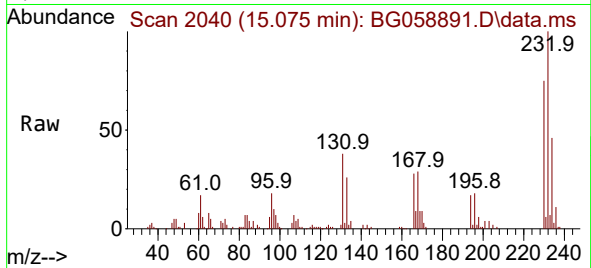
VNJ-208MS

Tgt Ion:232 Resp: 61215
Ion Ratio Lower Upper
232 100
131 39.0 33.9 50.9
130 2.0 1.8 2.6
166 28.7 24.6 37.0

Manual Integrations

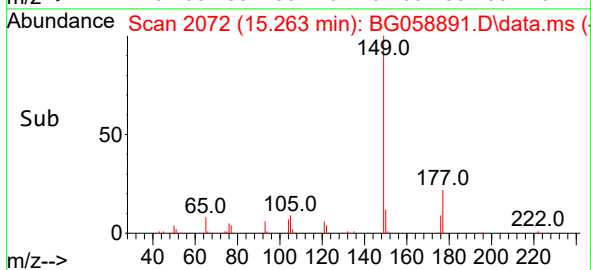
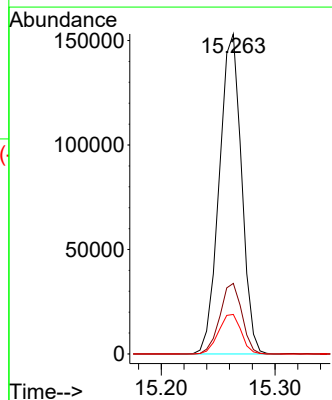
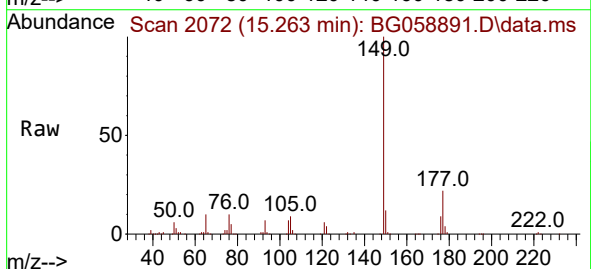
APPROVED

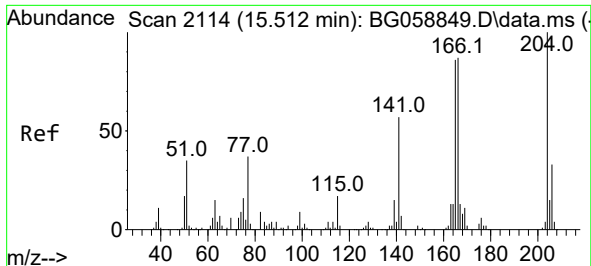
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#60
Diethylphthalate
Concen: 45.193 ng
RT: 15.263 min Scan# 2072
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:149 Resp: 208115
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.3 10.0 15.0





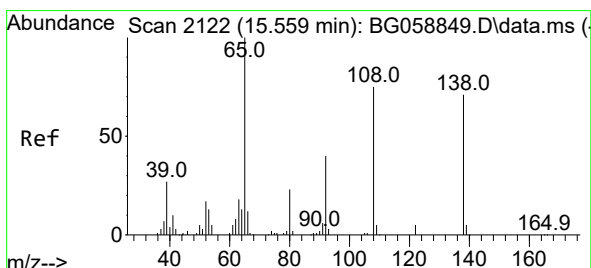
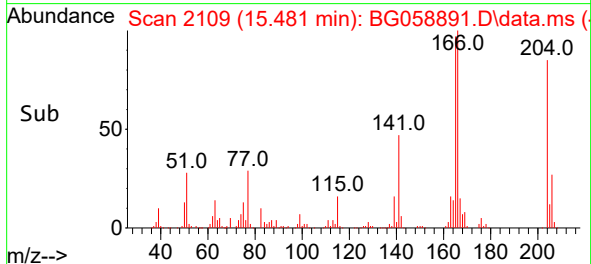
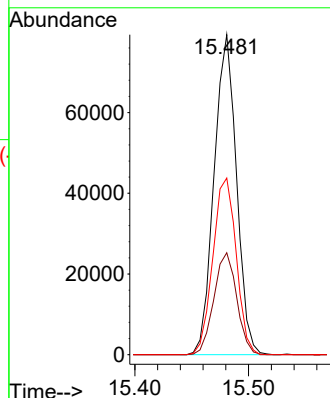
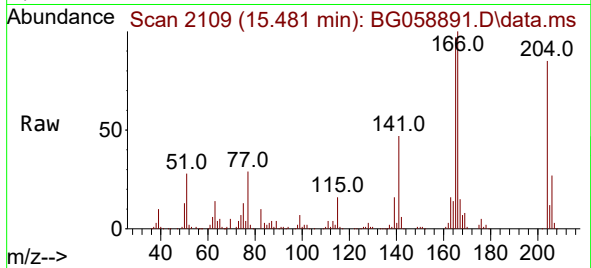
#61
4-Chlorophenyl-phenylether
Concen: 47.542 ng
RT: 15.481 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :
BNA_G
ClientSampleId :
VNJ-208MS

Tgt Ion:204 Resp: 10856
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 55.2 42.3 63.5

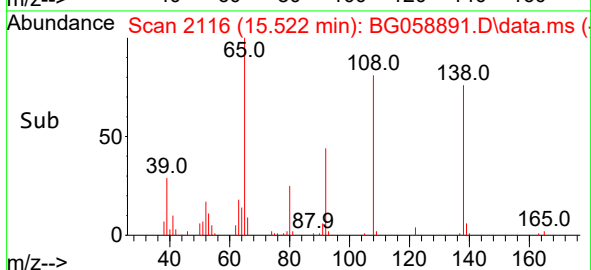
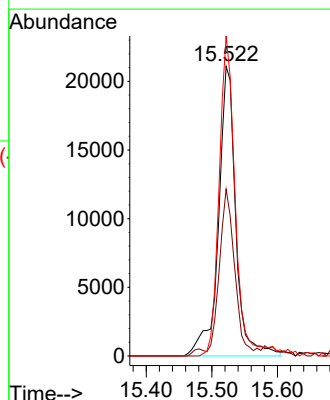
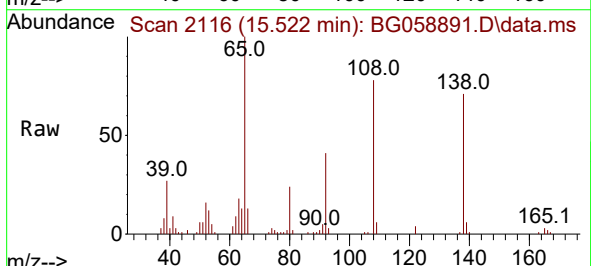
Manual Integrations
APPROVED

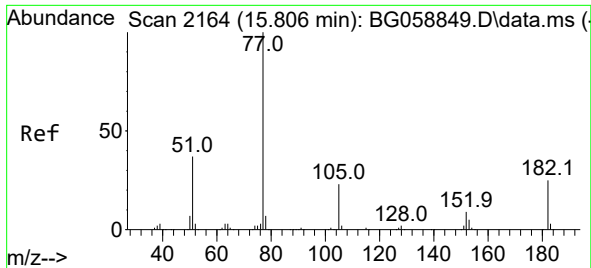
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#62
4-Nitroaniline
Concen: 41.884 ng
RT: 15.522 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:138 Resp: 38468
Ion Ratio Lower Upper
138 100
92 57.6 36.4 76.4
108 110.5 72.2 112.2





#63
 Azobenzene
 Concen: 44.384 ng
 RT: 15.775 min Scan# 2164
 Delta R.T. 0.001 min
 Lab File: BG058891.D
 Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

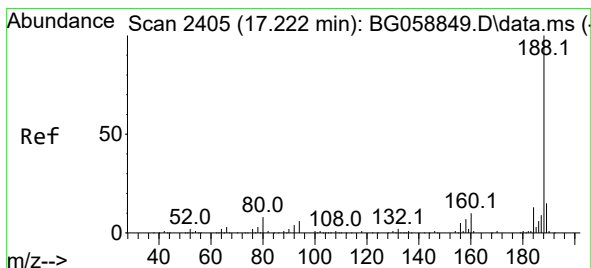
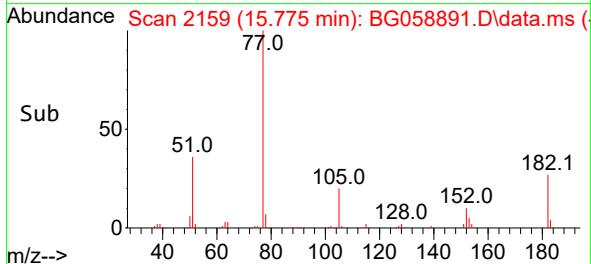
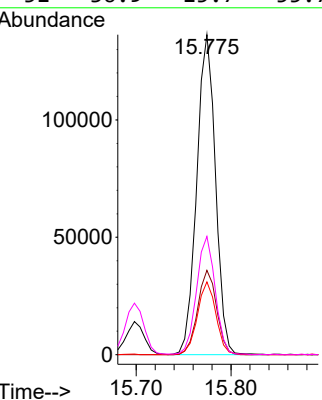
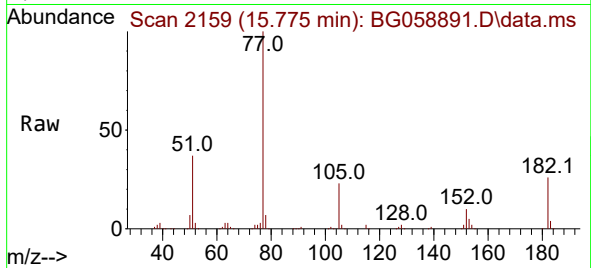
Tgt Ion: 77 Resp: 187674
 Ion Ratio Lower Upper
 77 100
 182 26.3 4.9 44.9
 105 22.8 2.8 42.8
 51 36.9 15.7 55.7

Manual Integrations

APPROVED

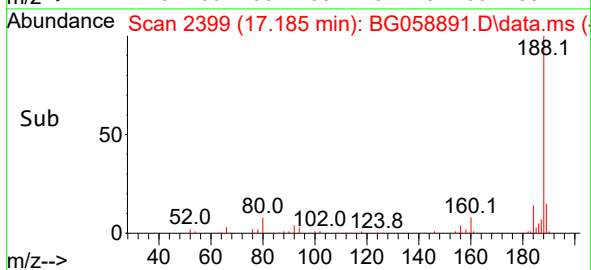
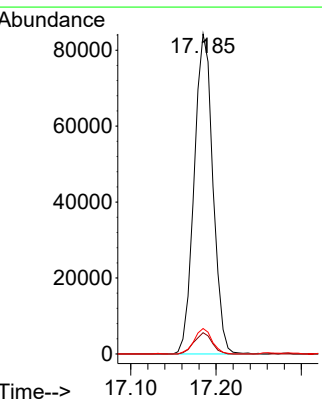
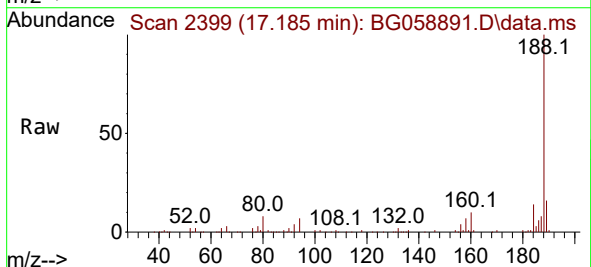
Reviewed By :Yogesh Patel 08/30/2023

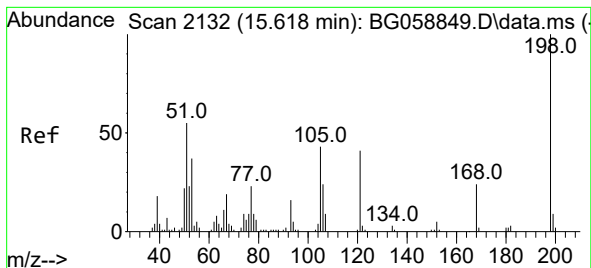
Supervised By :mohammad ahmed 08/30/2023



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.185 min Scan# 2399
 Delta R.T. 0.001 min
 Lab File: BG058891.D
 Acq: 29 Aug 2023 17:26

Tgt Ion:188 Resp: 128682
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.1 9.1
 80 7.9 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 38.836 ng
RT: 15.587 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

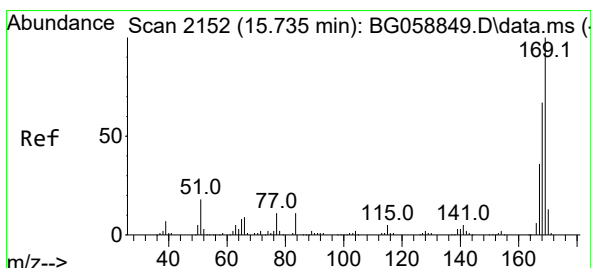
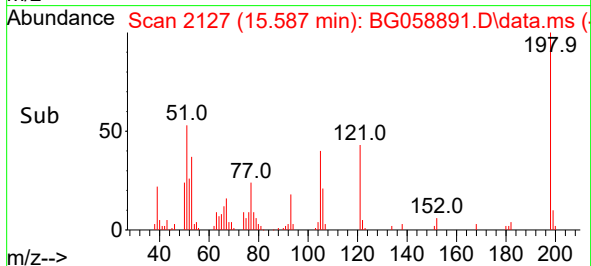
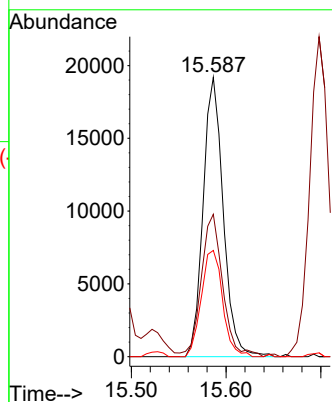
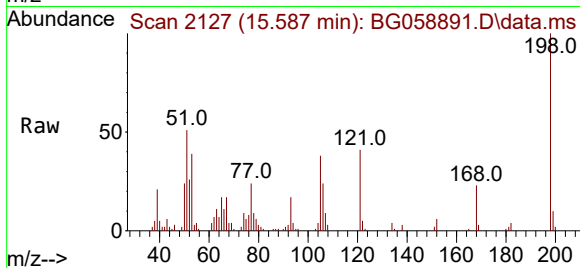
VNJ-208MS

Tgt Ion:198 Resp: 2824
Ion Ratio Lower Upper
198 100
51 51.0 31.3 71.3
105 38.0 20.7 60.7

Manual Integrations

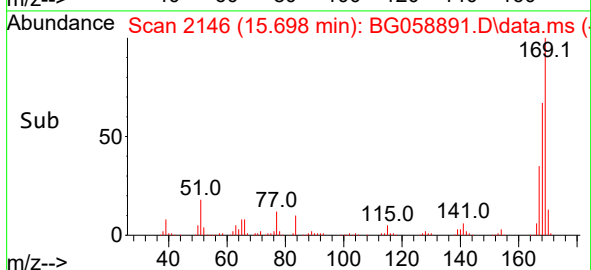
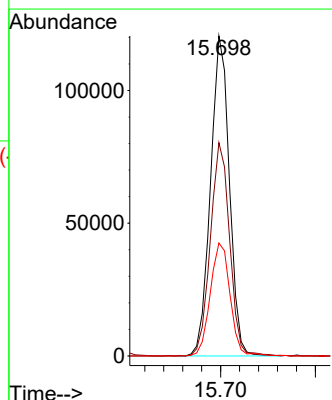
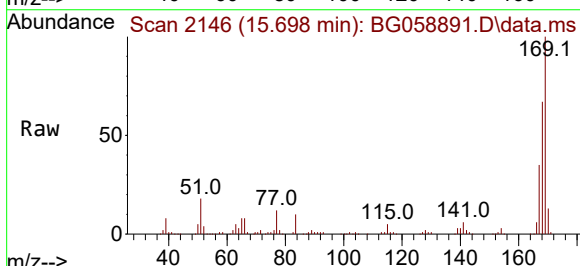
APPROVED

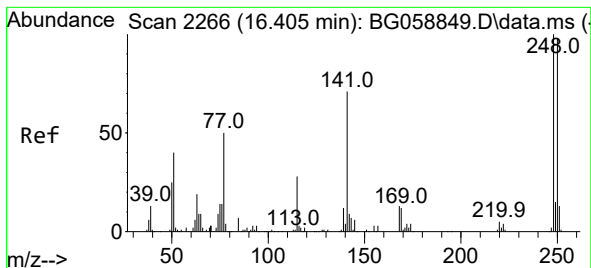
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#66
n-Nitrosodiphenylamine
Concen: 50.181 ng
RT: 15.698 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

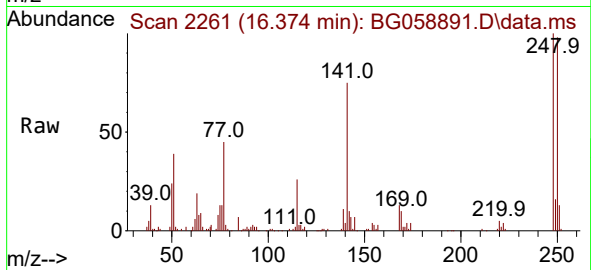
Tgt Ion:169 Resp: 166432
Ion Ratio Lower Upper
169 100
168 66.7 54.4 81.6
167 35.3 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 50.831 ng
RT: 16.374 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

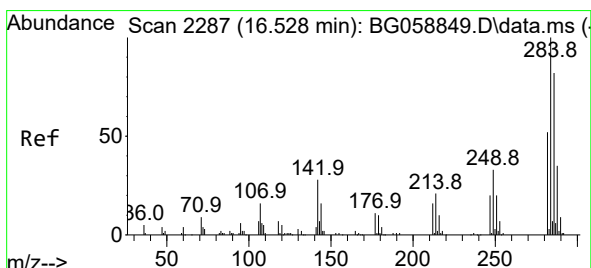
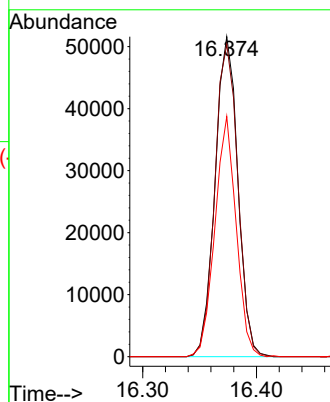
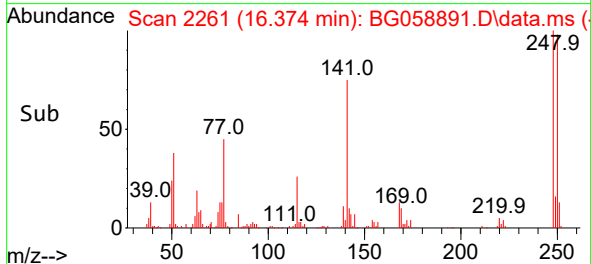
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



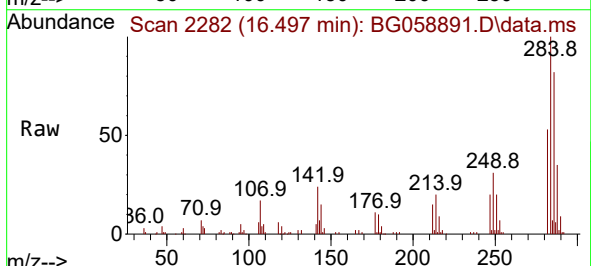
Tgt Ion:248 Resp: 71778
Ion Ratio Lower Upper
248 100
250 97.6 77.7 116.5
141 75.1 53.6 80.4

Manual Integrations
APPROVED

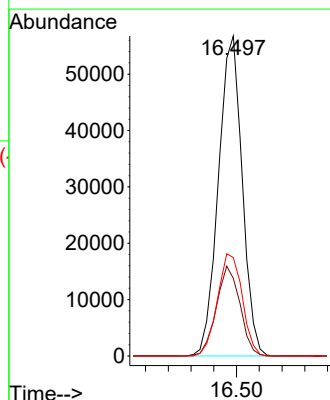
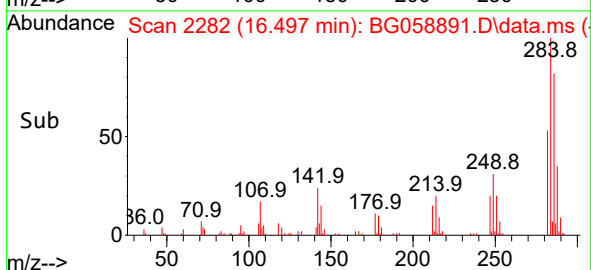
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

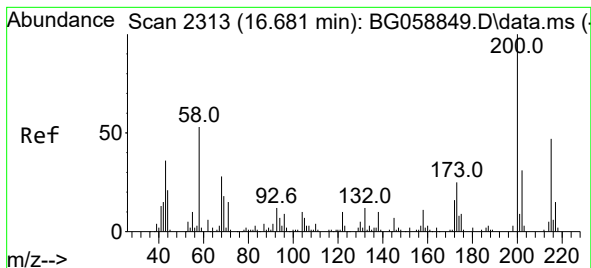


#68
Hexachlorobenzene
Concen: 54.208 ng
RT: 16.497 min Scan# 2282
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



Tgt Ion:284 Resp: 82385
Ion Ratio Lower Upper
284 100
142 24.3 22.0 33.0
249 30.8 27.2 40.8





#69

Atrazine

Concen: 58.304 ng

RT: 16.650 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion:200 Resp: 68434

Ion Ratio Lower Upper

200 100

173 24.5 5.3 45.3

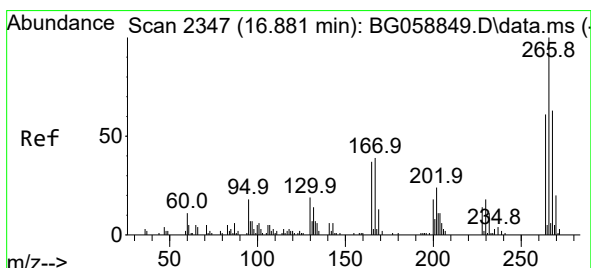
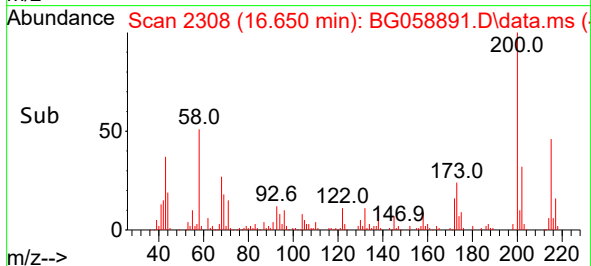
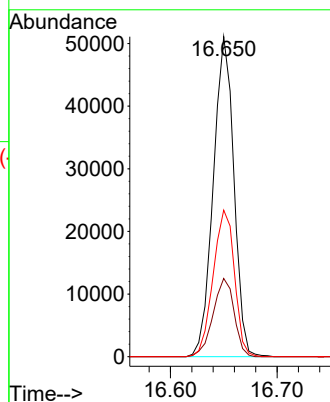
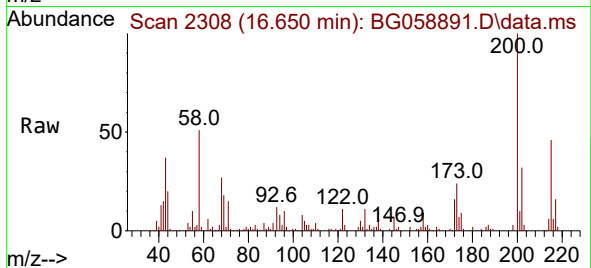
215 45.8 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#70

Pentachlorophenol

Concen: 104.256 ng

RT: 16.844 min Scan# 2341

Delta R.T. 0.001 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

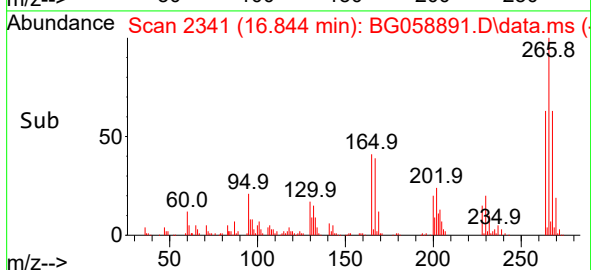
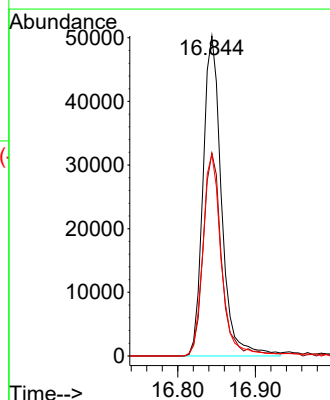
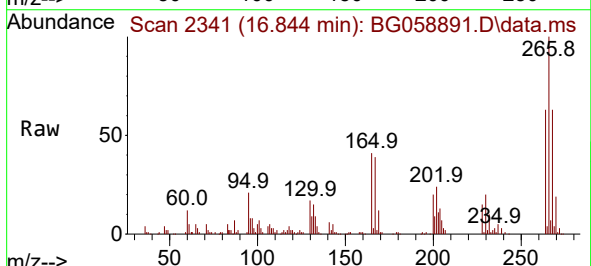
Tgt Ion:266 Resp: 83084

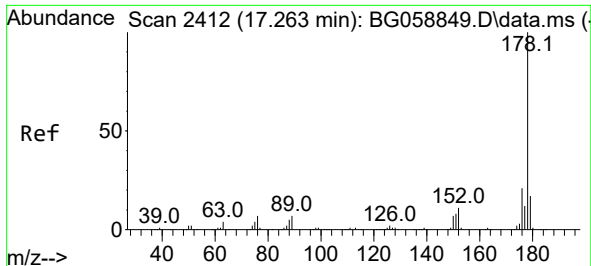
Ion Ratio Lower Upper

266 100

268 63.3 52.7 79.1

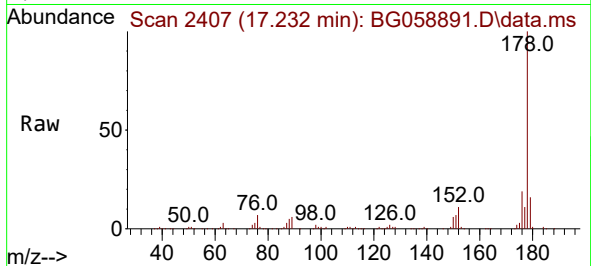
264 63.1 49.5 74.3





#71
Phenanthrene
Concen: 51.466 ng
RT: 17.232 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

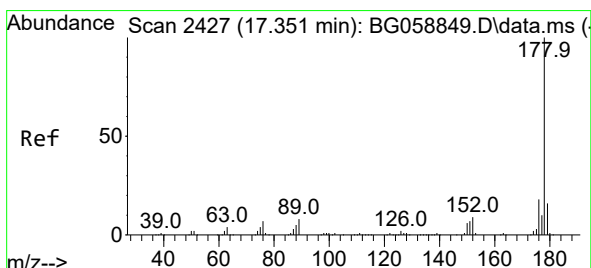
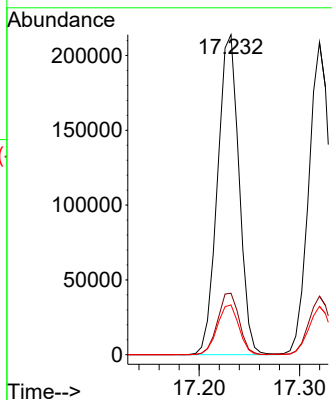
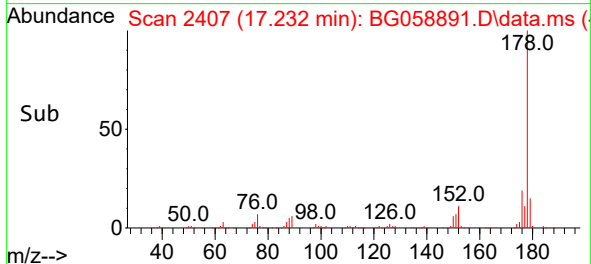
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



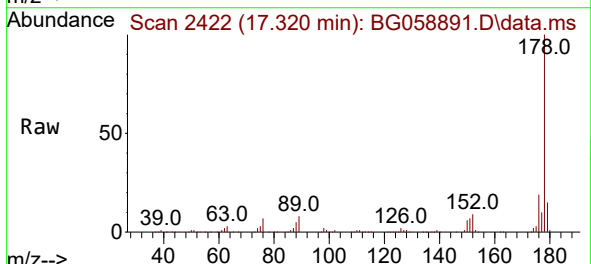
Tgt Ion:178 Resp: 31794
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 13.0 19.4

Manual Integrations
APPROVED

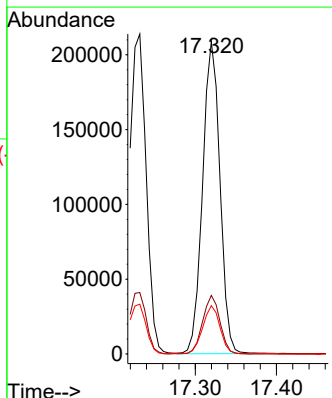
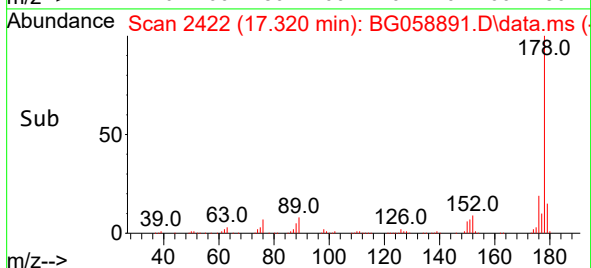
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

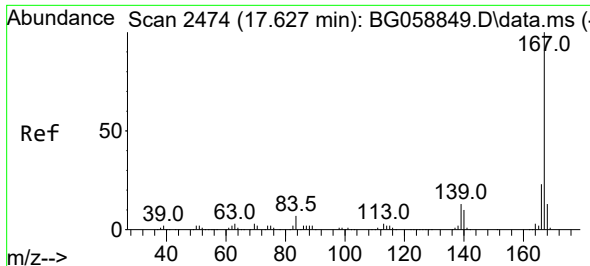


#72
Anthracene
Concen: 49.844 ng
RT: 17.320 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



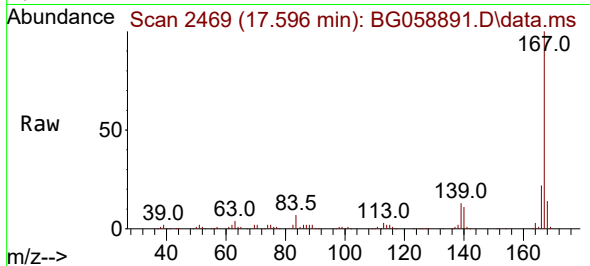
Tgt Ion:178 Resp: 308830
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.9 19.3





#73
Carbazole
Concen: 49.410 ng
RT: 17.596 min Scan# 2474
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

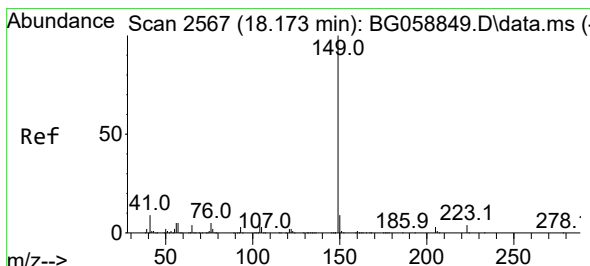
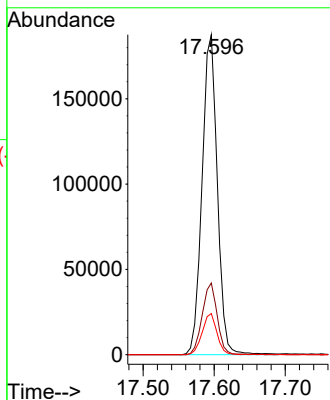
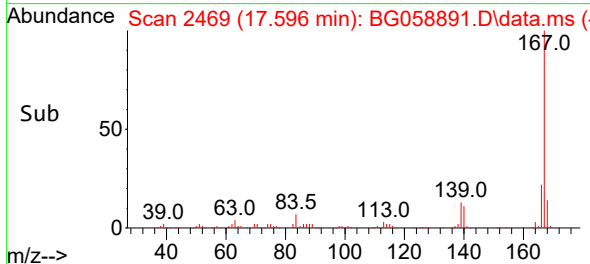
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



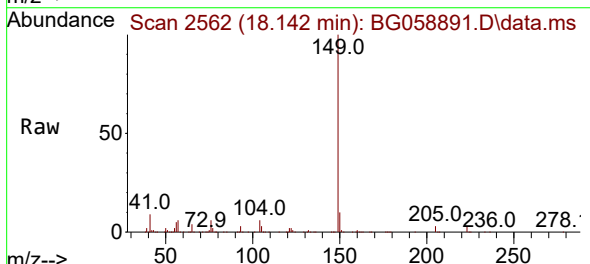
Tgt Ion:167 Resp: 280344
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.2
139 12.9 9.7 14.5

Manual Integrations
APPROVED

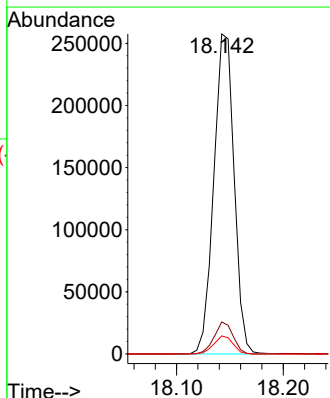
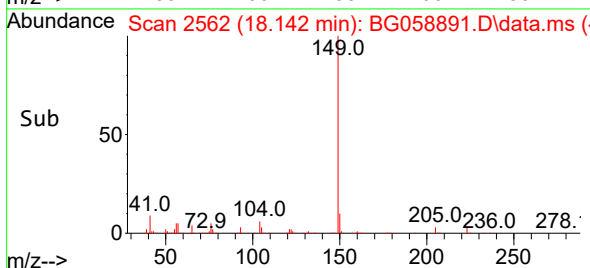
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

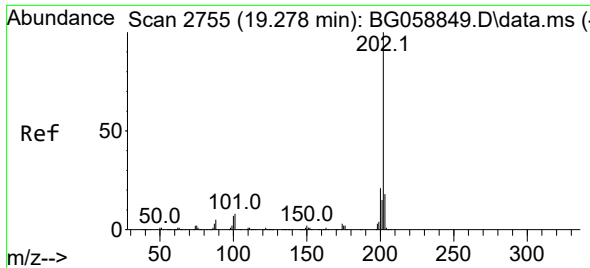


#74
Di-n-butylphthalate
Concen: 47.526 ng
RT: 18.142 min Scan# 2562
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



Tgt Ion:149 Resp: 340165
Ion Ratio Lower Upper
149 100
150 10.0 7.3 10.9
104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 50.284 ng
RT: 19.247 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

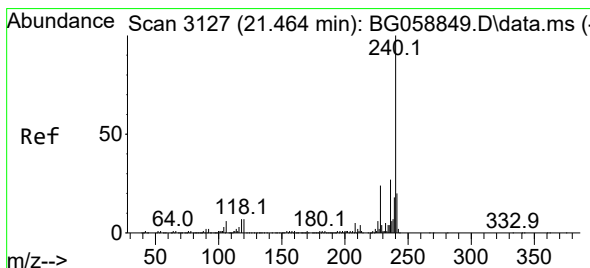
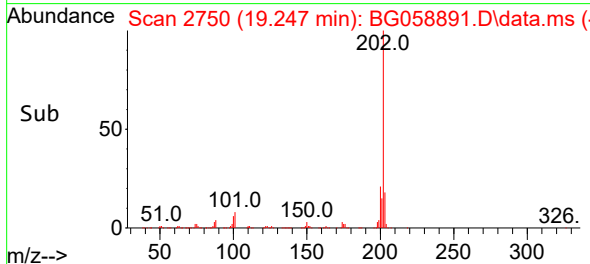
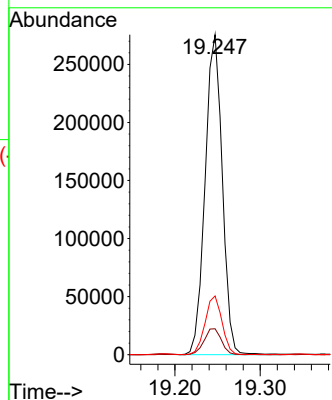
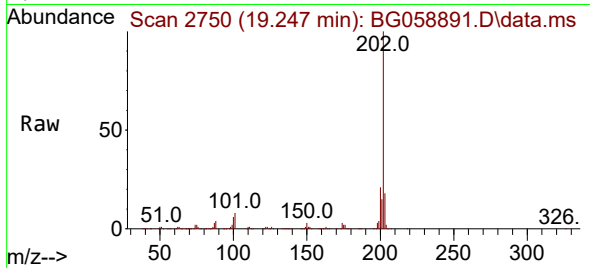
VNJ-208MS

Tgt Ion:202 Resp: 385225
Ion Ratio Lower Upper
202 100
101 8.1 0.0 29.7
203 18.4 0.0 38.7

Manual Integrations

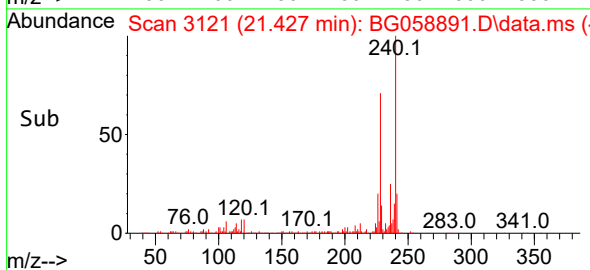
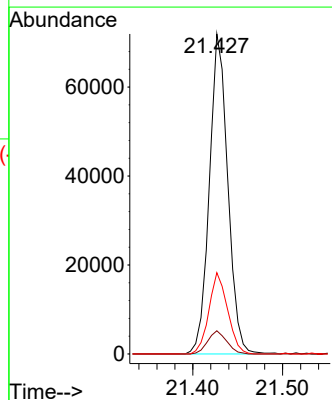
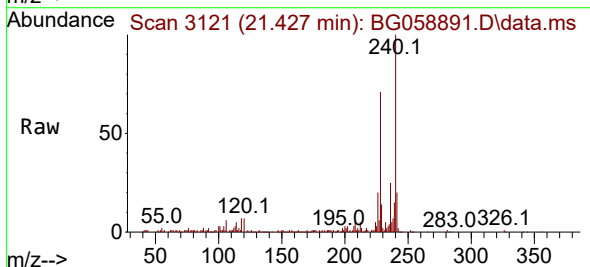
APPROVED

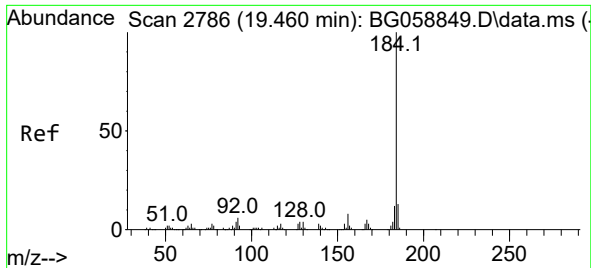
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

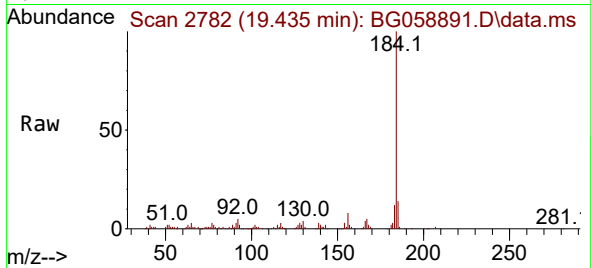
Tgt Ion:240 Resp: 102593
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.2
236 25.4 20.5 30.7





#77
Benzidine
Concen: 68.451 ng
RT: 19.435 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

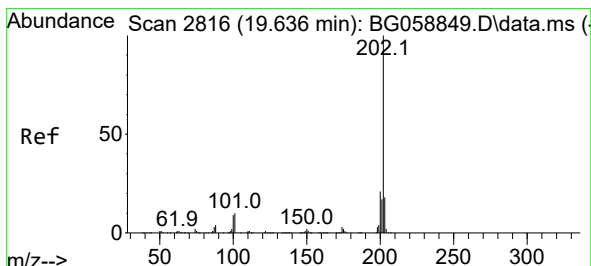
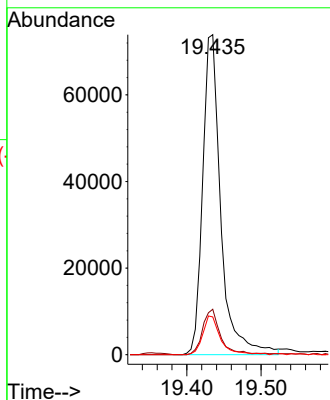
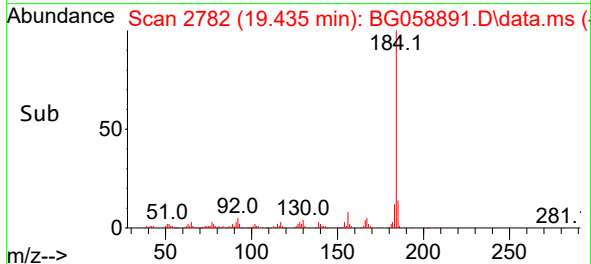
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



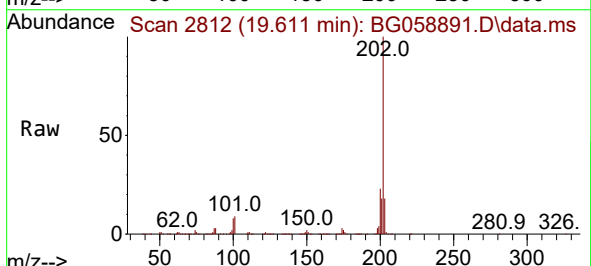
Tgt Ion:184 Resp: 12585
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.8 10.0 15.0

Manual Integrations
APPROVED

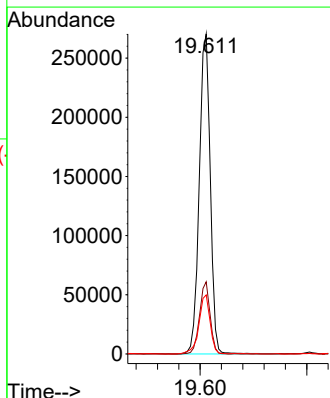
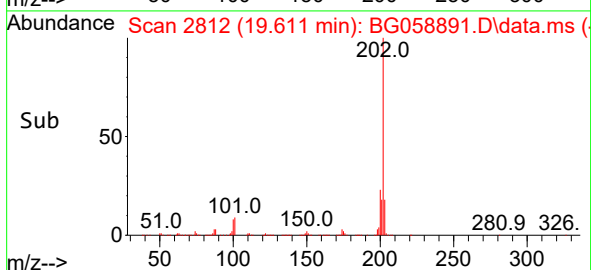
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

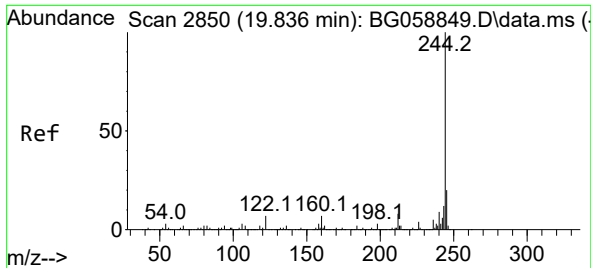


#78
Pyrene
Concen: 54.014 ng
RT: 19.611 min Scan# 2812
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



Tgt Ion:202 Resp: 386111
Ion Ratio Lower Upper
202 100
200 22.5 16.7 25.1
203 18.4 15.3 22.9





#79
 Terphenyl-d14
 Concen: 69.182 ng
 RT: 19.805 min Scan# 2845
 Delta R.T. 0.001 min
 Lab File: BG058891.D
 Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

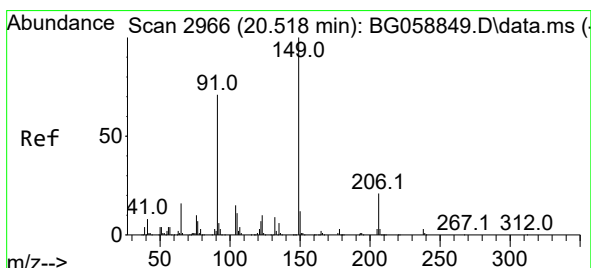
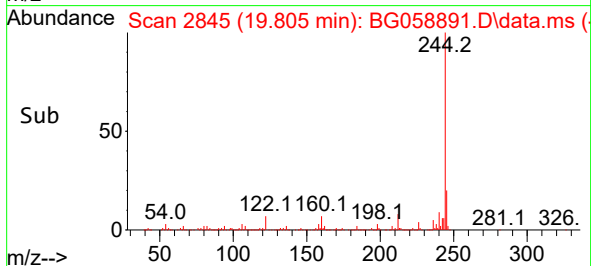
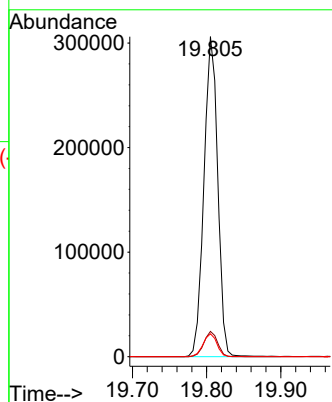
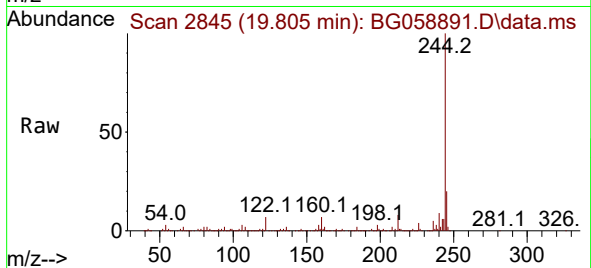
VNJ-208MS

Tgt Ion:244 Resp: 39528
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.1 6.3 9.5

Manual Integrations

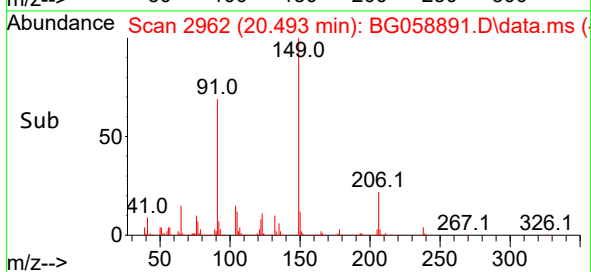
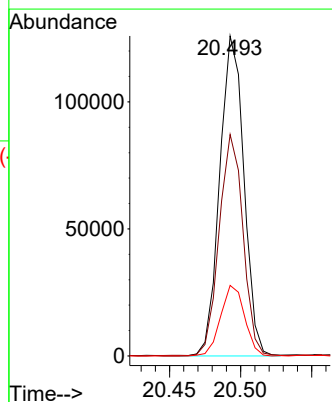
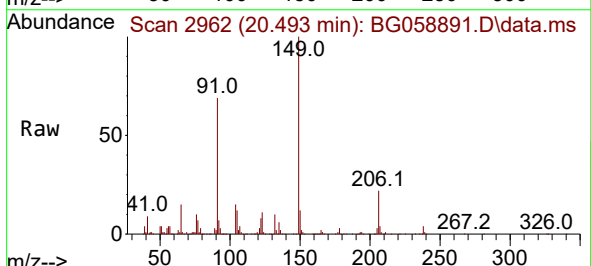
APPROVED

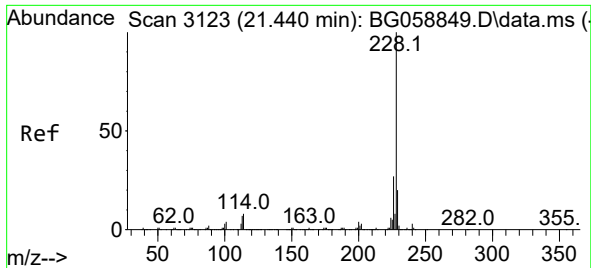
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023



#80
 Butylbenzylphthalate
 Concen: 51.405 ng
 RT: 20.493 min Scan# 2962
 Delta R.T. 0.001 min
 Lab File: BG058891.D
 Acq: 29 Aug 2023 17:26

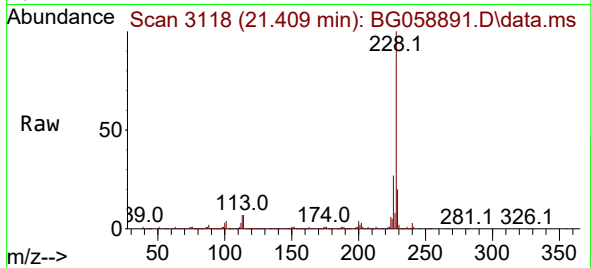
Tgt Ion:149 Resp: 149030
 Ion Ratio Lower Upper
 149 100
 91 69.2 55.0 82.4
 206 22.1 17.6 26.4





#81
Benzo(a)anthracene
Concen: 50.236 ng
RT: 21.409 min Scan# 3118
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

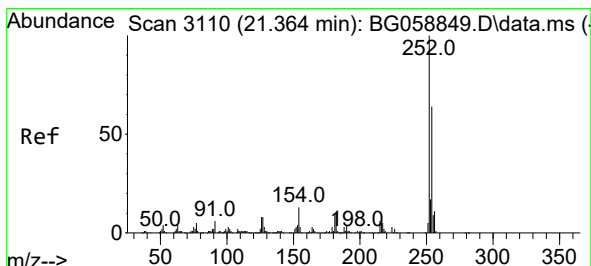
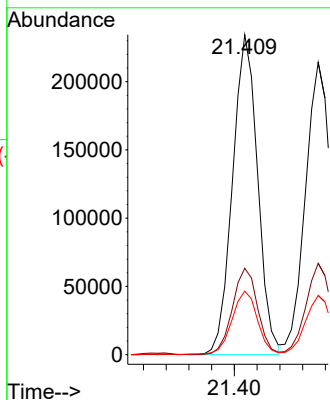
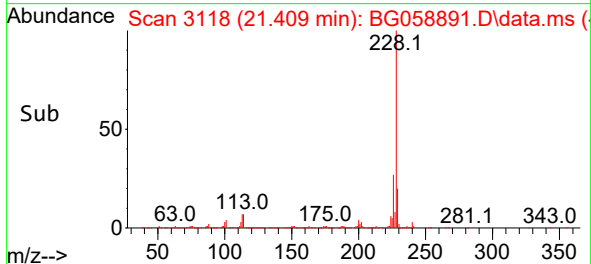
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion:228 Resp: 358758
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.8 16.8 25.2

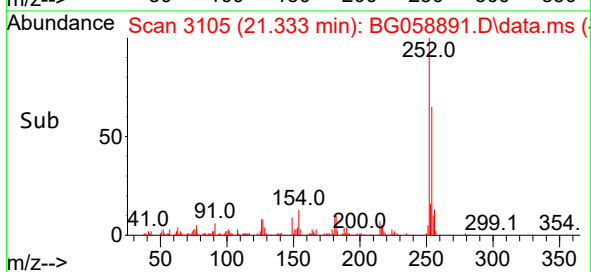
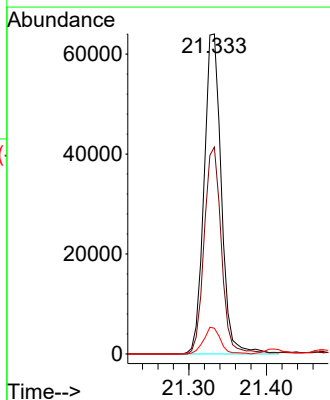
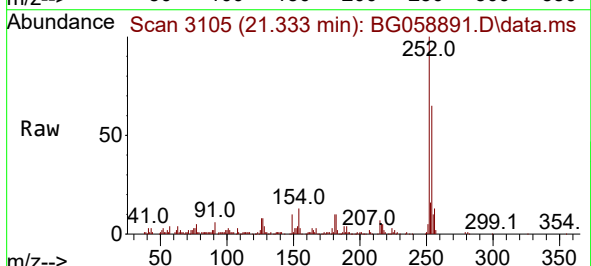
Manual Integrations
APPROVED

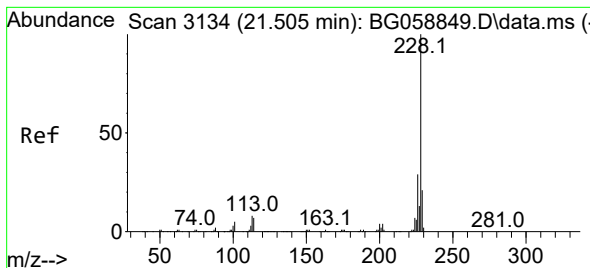
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.198 ng
RT: 21.333 min Scan# 3105
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:252 Resp: 99110
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 8.1 6.6 9.8





#83

Chrysene

Concen: 48.996 ng

RT: 21.474 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion:228 Resp: 33726

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

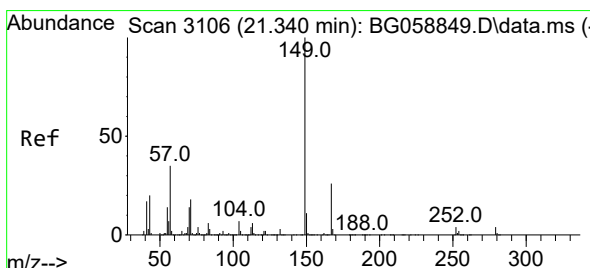
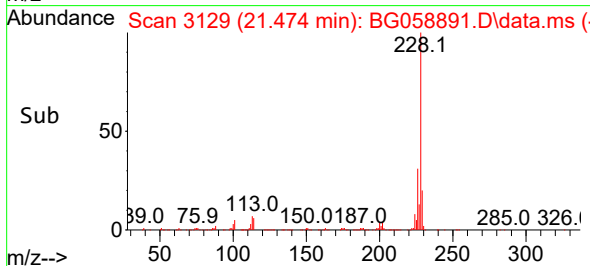
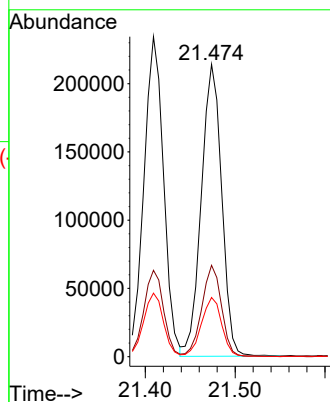
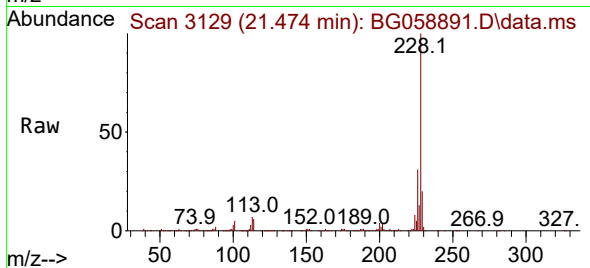
229 20.2 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.902 ng

RT: 21.309 min Scan# 3101

Delta R.T. 0.001 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

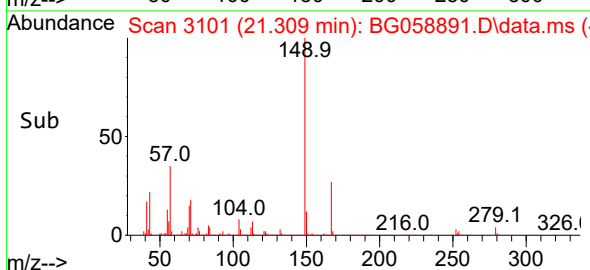
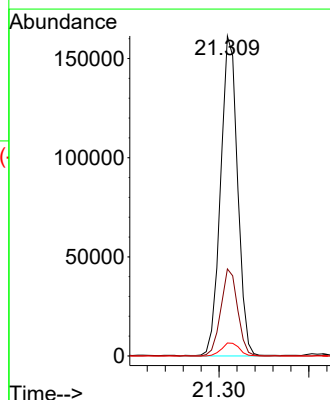
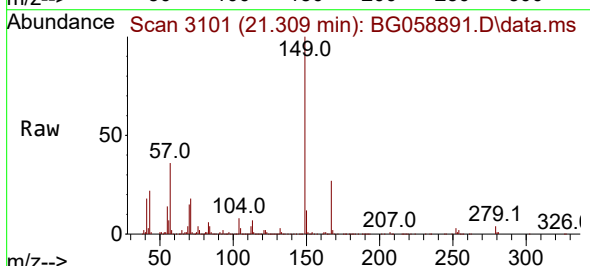
Tgt Ion:149 Resp: 212188

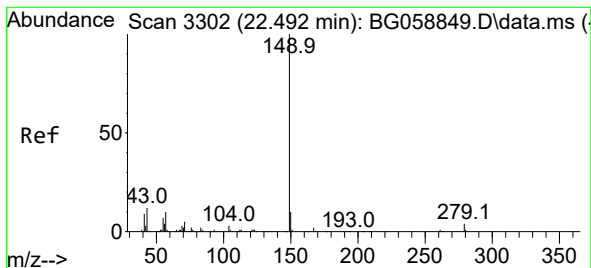
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.502 ng

RT: 22.455 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

Tgt Ion:149 Resp: 36934

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

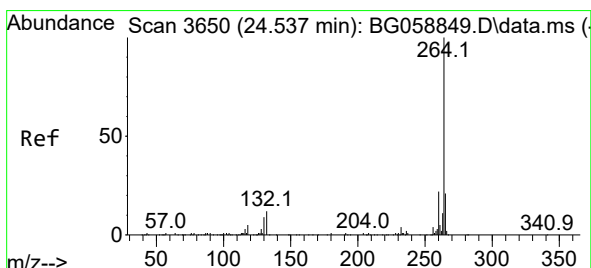
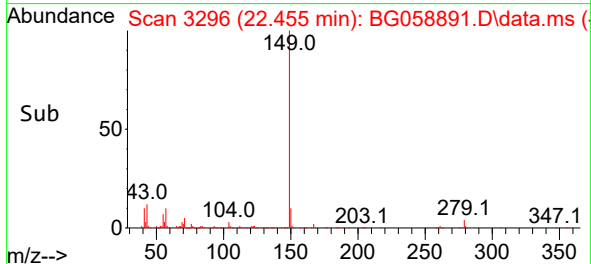
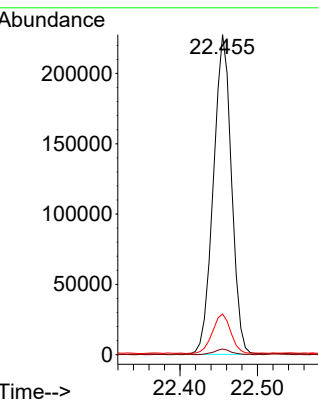
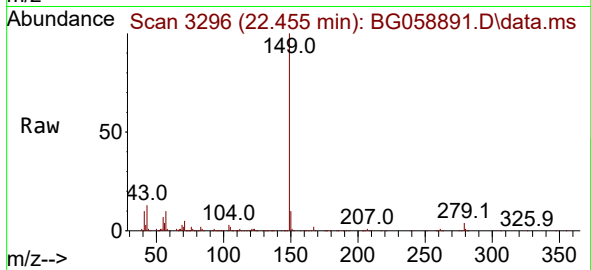
43 12.6 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.482 min Scan# 3641

Delta R.T. 0.013 min

Lab File: BG058891.D

Acq: 29 Aug 2023 17:26

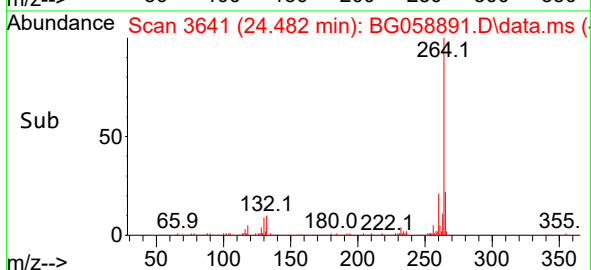
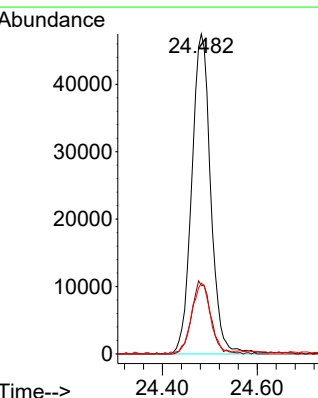
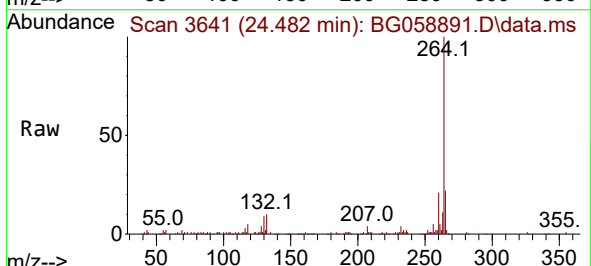
Tgt Ion:264 Resp: 131687

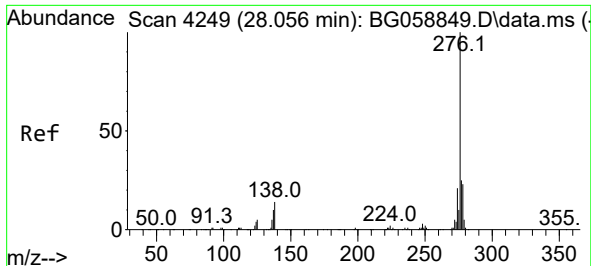
Ion Ratio Lower Upper

264 100

260 21.5 18.2 27.2

265 22.1 16.4 24.6





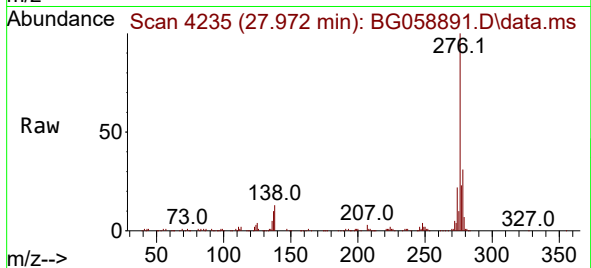
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.260 ng
 RT: 27.972 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: BG058891.D
 Acq: 29 Aug 2023 17:26

Instrument :

BNA_G

ClientSampleId :

VNJ-208MS

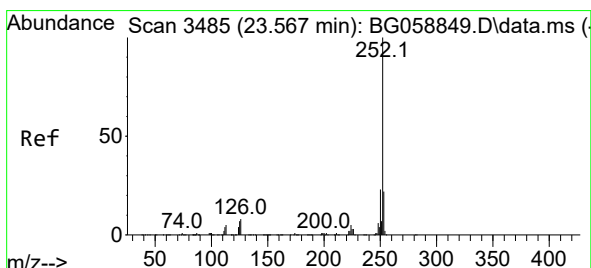
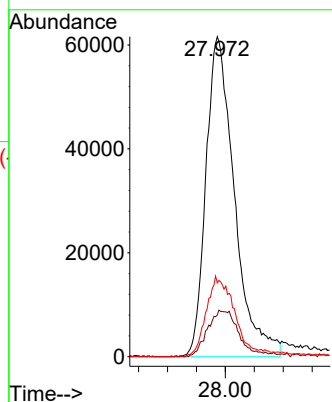
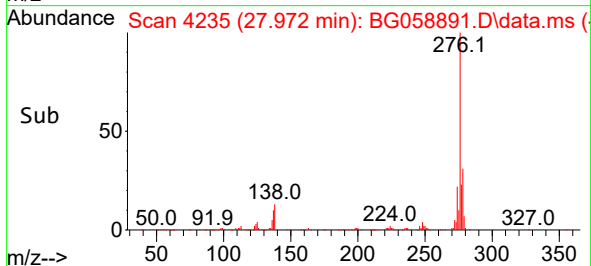


Tgt Ion:276 Resp: 421060
 Ion Ratio Lower Upper
 276 100
 138 15.6 6.2 9.2
 277 24.8 20.4 30.6

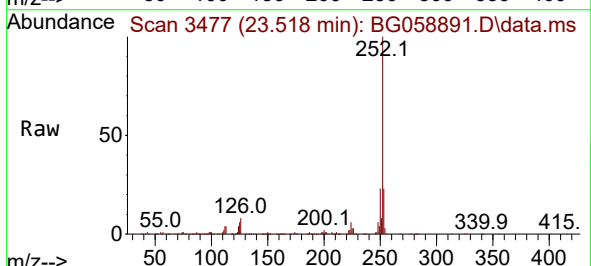
Manual Integrations

APPROVED

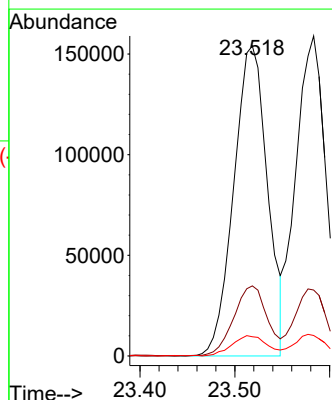
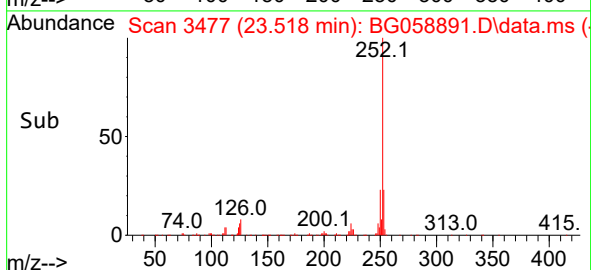
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

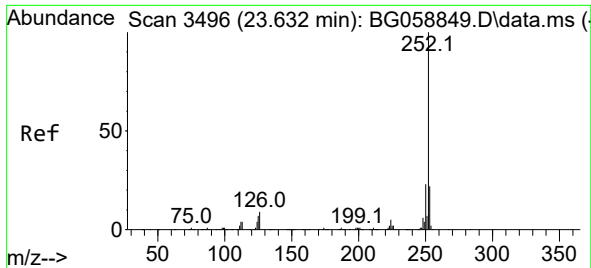


#88
 Benzo(b)fluoranthene
 Concen: 52.183 ng
 RT: 23.518 min Scan# 3477
 Delta R.T. 0.013 min
 Lab File: BG058891.D
 Acq: 29 Aug 2023 17:26



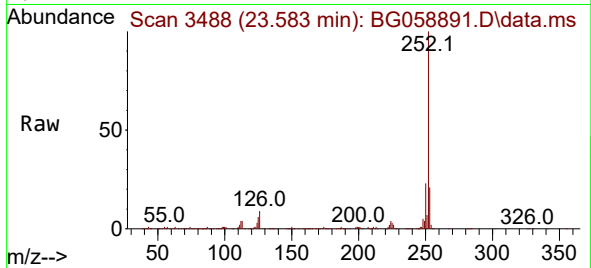
Tgt Ion:252 Resp: 381285
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.4 27.6
 125 6.2 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 46.525 ng
RT: 23.583 min Scan# 3496
Delta R.T. 0.013 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

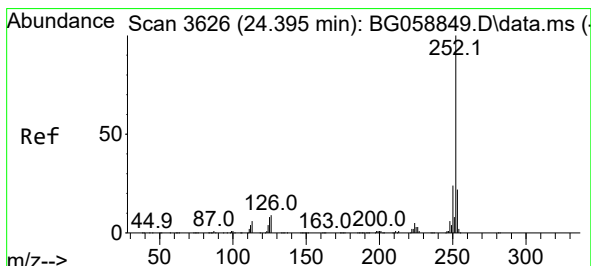
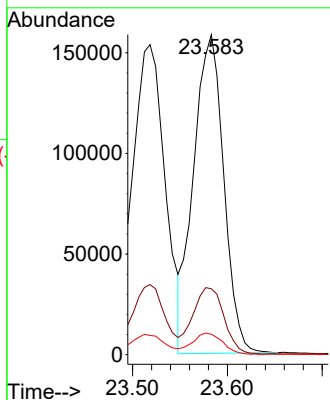
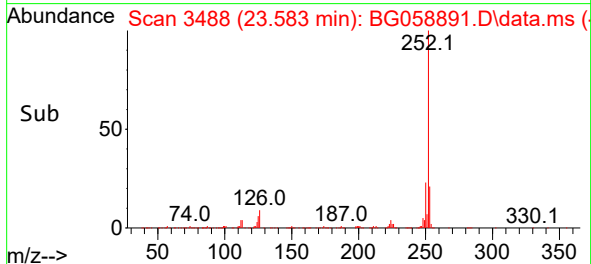
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



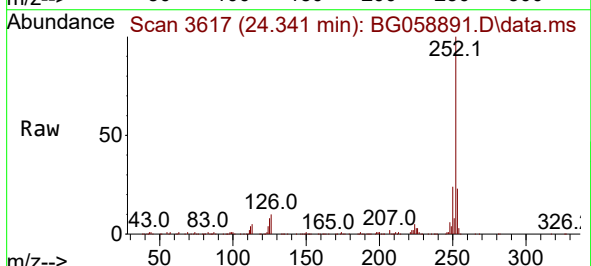
Tgt Ion:252 Resp: 350580
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 6.4 6.3 9.5

Manual Integrations
APPROVED

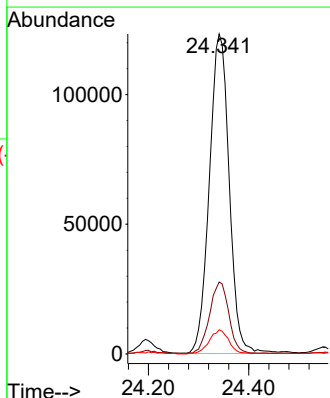
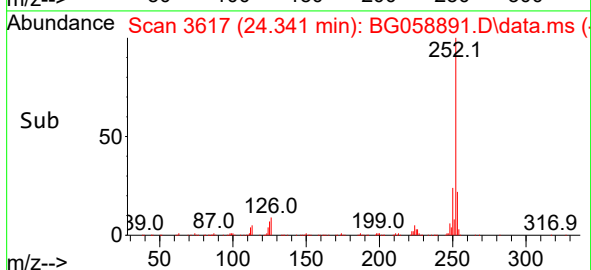
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

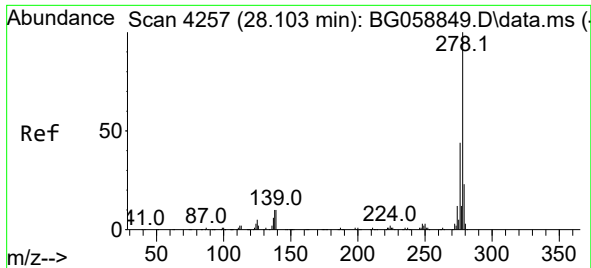


#90
Benzo(a)pyrene
Concen: 47.052 ng
RT: 24.341 min Scan# 3617
Delta R.T. 0.007 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26



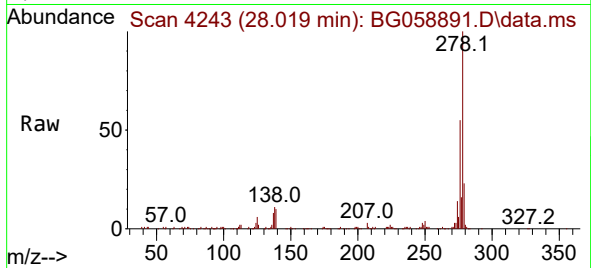
Tgt Ion:252 Resp: 338513
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 7.6 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 48.022 ng
RT: 28.019 min Scan# 41
Delta R.T. 0.013 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

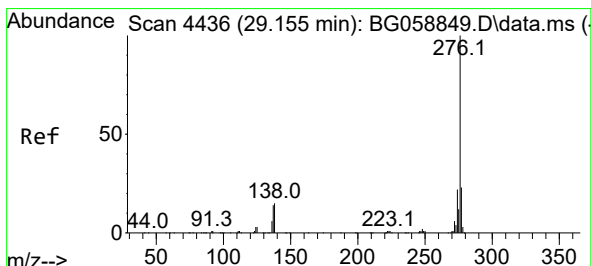
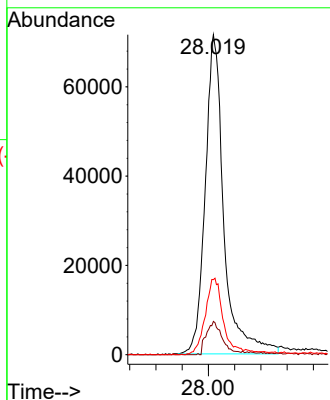
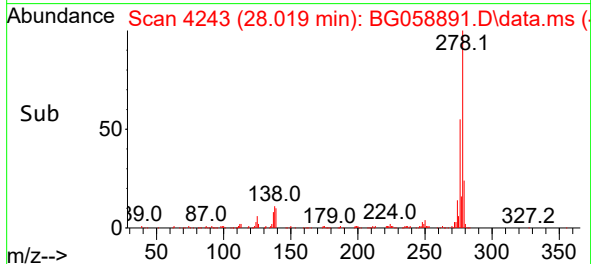
Instrument :
BNA_G
ClientSampleId :
VNJ-208MS



Tgt Ion:278 Resp: 35157
Ion Ratio Lower Upper
278 100
139 10.4 8.9 13.3
279 23.4 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#92
Benzo(g,h,i)perylene
Concen: 44.004 ng
RT: 29.059 min Scan# 4420
Delta R.T. 0.013 min
Lab File: BG058891.D
Acq: 29 Aug 2023 17:26

Tgt Ion:276 Resp: 322099
Ion Ratio Lower Upper
276 100
277 24.5 17.8 26.6
138 14.0 11.1 16.7

