

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057080.D
 Acq On : 13 Apr 2023 13:24
 Operator : CG/JU
 Sample : 02292-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 13 13:59:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	15487	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	60764	20.000	ng	# 0.00
39) Acenaphthene-d10	15.018	164	42251	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	97800	20.000	ng	0.00
76) Chrysene-d12	22.079	240	88830	20.000	ng	# 0.00
86) Perylene-d12	25.615	264	95481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	134282	138.769	ng	0.00
7) Phenol-d6	7.540	99	184630	127.572	ng	0.00
23) Nitrobenzene-d5	9.584	82	115592	77.838	ng	0.00
42) 2,4,6-Tribromophenol	16.504	330	78966	116.991	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	243334	78.096	ng	0.00
79) Terphenyl-d14	20.328	244	412248	78.531	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.721	88	20884	49.232	ng	97
3) Pyridine	4.144	79	57805	42.309	ng	96
4) n-Nitrosodimethylamine	4.050	42	30265	48.180	ng	97
6) Aniline	7.716	93	79794	43.128	ng	100
8) 2-Chlorophenol	7.963	128	53795	55.813	ng	93
9) Benzaldehyde	7.528	77	43612	48.044	ng	96
10) Phenol	7.569	94	79248	55.262	ng	96
11) bis(2-Chloroethyl)ether	7.804	93	52393	51.290	ng	98
12) 1,3-Dichlorobenzene	8.292	146	58785	55.197	ng	97
13) 1,4-Dichlorobenzene	8.444	146	59799	55.633	ng	97
14) 1,2-Dichlorobenzene	8.767	146	55727	53.663	ng	95
15) Benzyl Alcohol	8.638	79	58867	48.951	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.932	45	67918	55.169	ng	98
17) 2-Methylphenol	8.838	107	52255	51.075	ng	89
18) Hexachloroethane	9.508	117	21339	54.316	ng	93
19) n-Nitroso-di-n-propyla...	9.208	70	47963	46.333	ng	97
20) 3+4-Methylphenols	9.167	107	68832	48.113	ng	97
22) Acetophenone	9.231	105	84765	46.881	ng	97
24) Nitrobenzene	9.625	77	72940	48.041	ng	98
25) Isophorone	10.148	82	124861	44.153	ng	99
26) 2-Nitrophenol	10.342	139	29671	50.630	ng	93
27) 2,4-Dimethylphenol	10.383	122	50204	48.520	ng	97
28) bis(2-Chloroethoxy)met...	10.624	93	68070	48.080	ng	95
29) 2,4-Dichlorophenol	10.882	162	55016	49.440	ng	94
30) 1,2,4-Trichlorobenzene	11.105	180	57144	48.330	ng	98
31) Naphthalene	11.299	128	159584	48.183	ng	99
32) Benzoic acid	10.530	122	33067	46.524	ng	93
33) 4-Chloroaniline	11.393	127	51392	34.356	ng	98
34) Hexachlorobutadiene	11.570	225	41374	46.584	ng	96
35) Caprolactam	12.157	113	16647m	43.379	ng	
36) 4-Chloro-3-methylphenol	12.486	107	57521	46.222	ng	96
37) 2-Methylnaphthalene	12.874	142	115349	43.881	ng	96
38) 1-Methylnaphthalene	13.091	142	107167	43.417	ng	99
40) 1,2,4,5-Tetrachloroben...	13.232	216	74954	51.158	ng	97
41) Hexachlorocyclopentadiene	13.208	237	94896	117.554	ng	91
43) 2,4,6-Trichlorophenol	13.467	196	47701	51.019	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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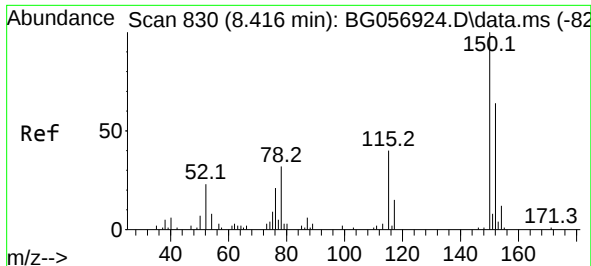
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	51060	46.099	ng	96
46) 1,1'-Biphenyl	13.855	154	158448	51.230	ng	98
47) 2-Chloronaphthalene	13.908	162	121630	53.172	ng	96
48) 2-Nitroaniline	14.101	65	41136	50.292	ng	98
49) Acenaphthylene	14.748	152	188463	50.145	ng	99
50) Dimethylphthalate	14.454	163	158346	47.564	ng	98
51) 2,6-Dinitrotoluene	14.583	165	34533	48.011	ng	96
52) Acenaphthene	15.082	154	148816m	57.412	ng	
53) 3-Nitroaniline	14.918	138	26770	37.601	ng	93
54) 2,4-Dinitrophenol	15.124	184	45681	112.832	ng	92
55) Dibenzofuran	15.417	168	190336	48.924	ng	97
56) 4-Nitrophenol	15.212	139	56157	106.667	ng	# 89
57) 2,4-Dinitrotoluene	15.364	165	48854	48.157	ng	92
58) Fluorene	16.058	166	154875	48.109	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.635	232	49050	48.638	ng	# 99
60) Diethylphthalate	15.805	149	159740	47.864	ng	99
61) 4-Chlorophenyl-phenyle...	16.040	204	88733	46.946	ng	97
62) 4-Nitroaniline	16.075	138	35962	48.753	ng	94
63) Azobenzene	16.334	77	167741	50.433	ng	99
65) 4,6-Dinitro-2-methylph...	16.128	198	34309	57.923	ng	98
66) n-Nitrosodiphenylamine	16.251	169	130422	49.678	ng	98
67) 4-Bromophenyl-phenylether	16.933	248	57983	47.916	ng	99
68) Hexachlorobenzene	17.062	284	63993	53.489	ng	98
69) Atrazine	17.185	200	59648	54.733	ng	96
70) Pentachlorophenol	17.403	266	74480	86.777	ng	94
71) Phenanthrene	17.802	178	246094	49.354	ng	99
72) Anthracene	17.890	178	252068	49.313	ng	99
73) Carbazole	18.155	167	225307	50.555	ng	95
74) Di-n-butylphthalate	18.678	149	257318	49.861	ng	99
75) Fluoranthene	19.788	202	291668	46.143	ng	97
77) Benzidine	19.952	184	162506	66.930	ng	99
78) Pyrene	20.152	202	293713	47.805	ng	98
80) Butylbenzylphthalate	21.004	149	109720	51.896	ng	97
81) Benzo(a)anthracene	22.055	228	294406	47.894	ng	98
82) 3,3'-Dichlorobenzidine	21.955	252	75900	36.566	ng	98
83) Chrysene	22.126	228	271060	47.095	ng	99
84) Bis(2-ethylhexyl)phtha...	21.908	149	158422	51.747	ng	96
85) Di-n-octyl phthalate	23.218	149	270489	52.429	ng	100
87) Indeno(1,2,3-cd)pyrene	29.704	276	362785	51.411	ng	98
88) Benzo(b)fluoranthene	24.481	252	310749m	52.045	ng	
89) Benzo(k)fluoranthene	24.558	252	307805	51.639	ng	# 99
90) Benzo(a)pyrene	25.445	252	274301	46.752	ng	99
91) Dibenzo(a,h)anthracene	29.768	278	303883	52.391	ng	96
92) Benzo(g,h,i)perylene	30.984	276	291910	51.396	ng	99

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

Manual Integrations

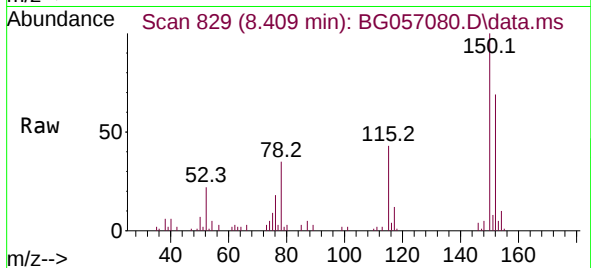
Quant Time: Apr 13 13:59:12 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

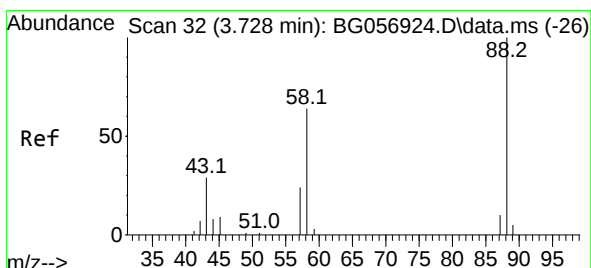
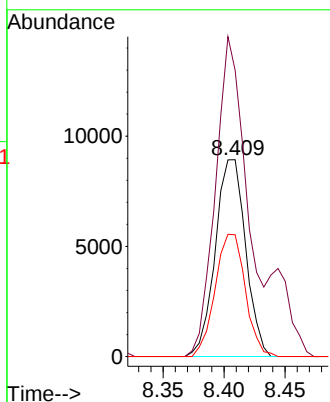
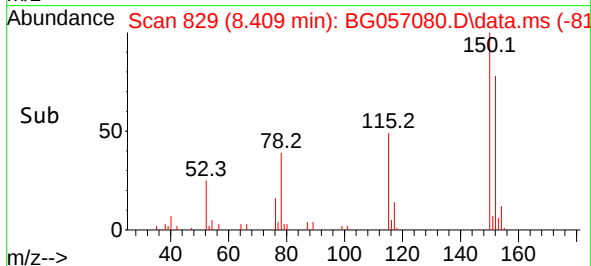
Instrument :
BNA_G
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IDW-SO-VB3-041123MS



Tgt Ion:152 Resp: 1548
Ion Ratio Lower Upper
152 100
150 145.3 124.1 186.1
115 61.9 49.1 73.7

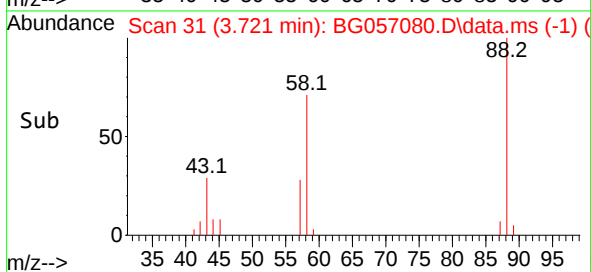
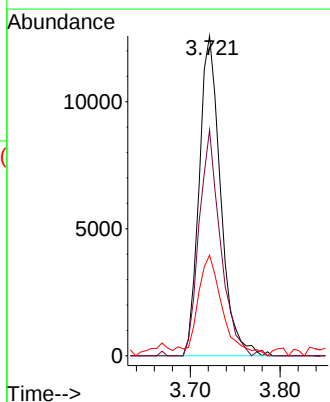
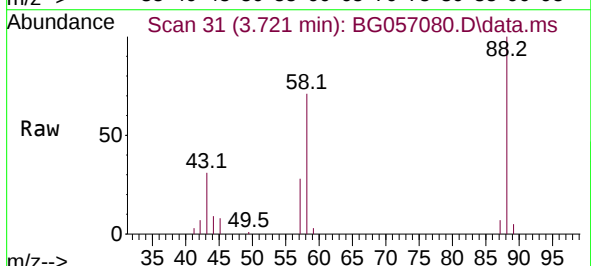
Manual Integrations
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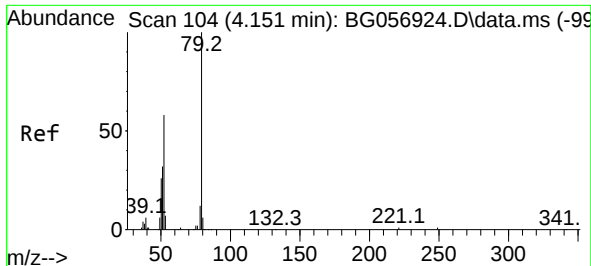
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#2
1,4-Dioxane
Concen: 49.232 ng
RT: 3.721 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

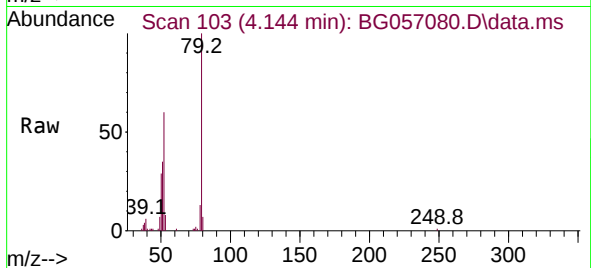
Tgt Ion: 88 Resp: 20884
Ion Ratio Lower Upper
88 100
58 70.1 55.9 83.9
43 36.5 25.7 38.5





#3
 Pyridine
 Concen: 42.309 ng
 RT: 4.144 min Scan# 104
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

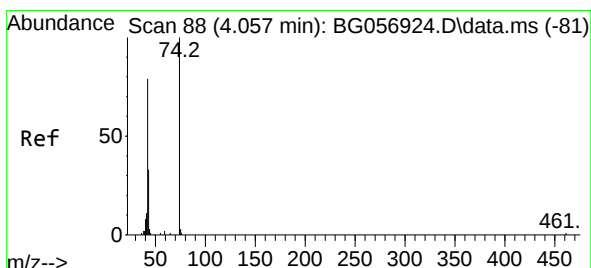
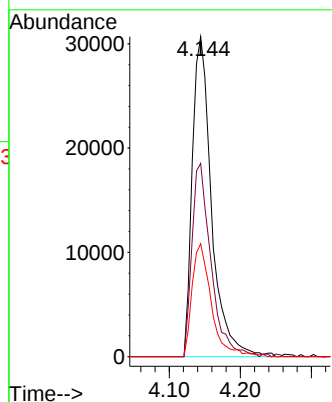
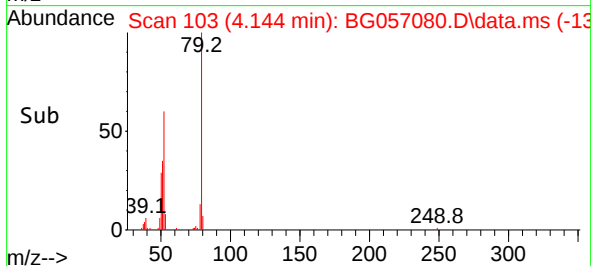
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Tgt Ion: 79 Resp: 57805
 Ion Ratio Lower Upper
 79 100
 52 60.4 46.1 69.1
 51 35.3 26.1 39.1

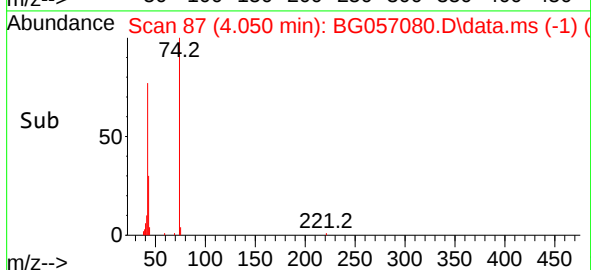
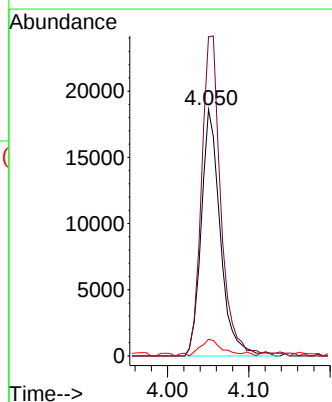
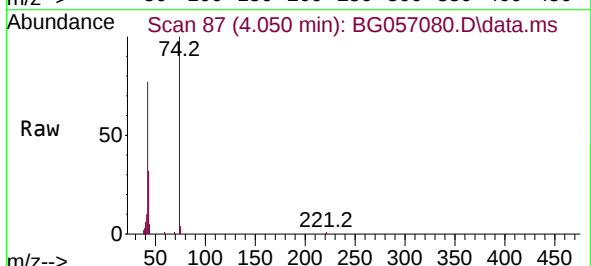
Manual Integrations
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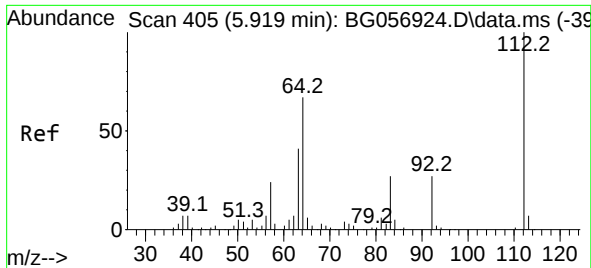
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023



#4
 n-Nitrosodimethylamine
 Concen: 48.180 ng
 RT: 4.050 min Scan# 87
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

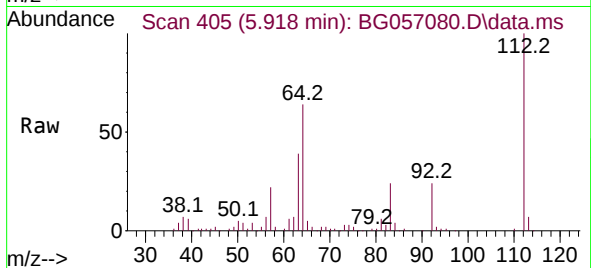
Tgt Ion: 42 Resp: 30265
 Ion Ratio Lower Upper
 42 100
 74 129.5 100.6 151.0
 44 6.7 4.6 7.0





#5
2-Fluorophenol
Concen: 138.769 ng
RT: 5.918 min Scan# 405
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

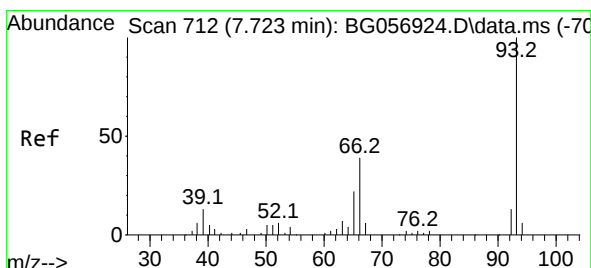
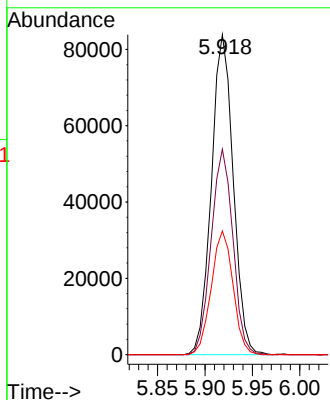
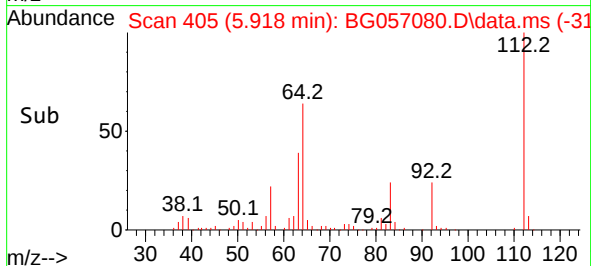
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 134282
Ion Ratio Lower Upper
112 100
64 64.2 53.2 79.8
63 38.7 32.6 48.8

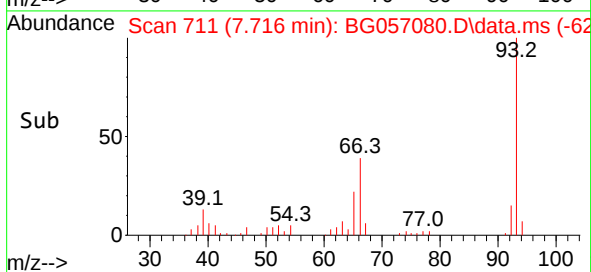
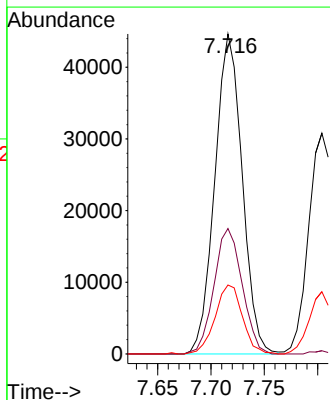
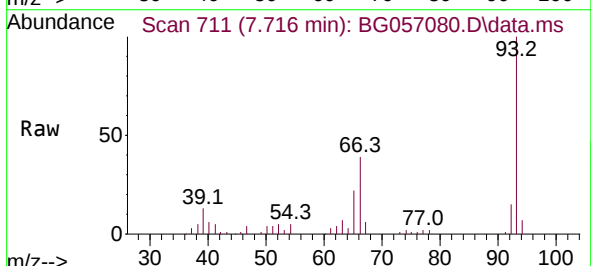
Manual Integrations
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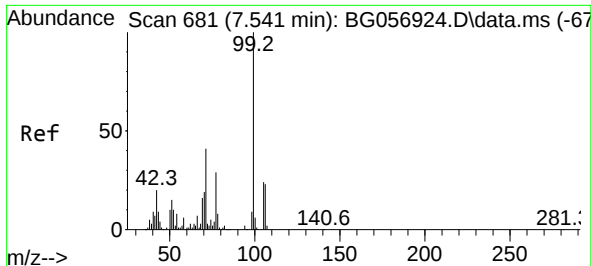
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#6
Aniline
Concen: 43.128 ng
RT: 7.716 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

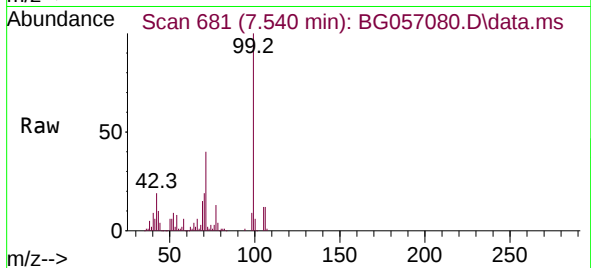
Tgt Ion: 93 Resp: 79794
Ion Ratio Lower Upper
93 100
66 39.2 31.4 47.0
65 21.5 17.3 25.9





#7
Phenol-d6
Concen: 127.572 ng
RT: 7.540 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

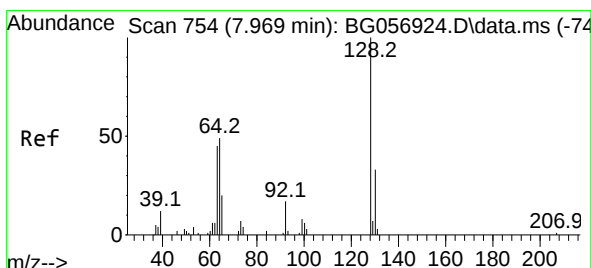
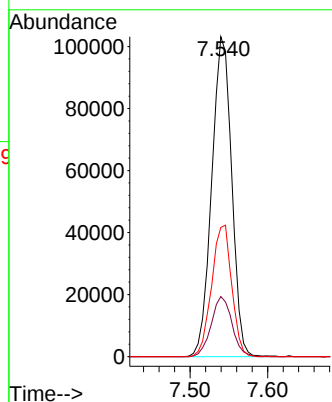
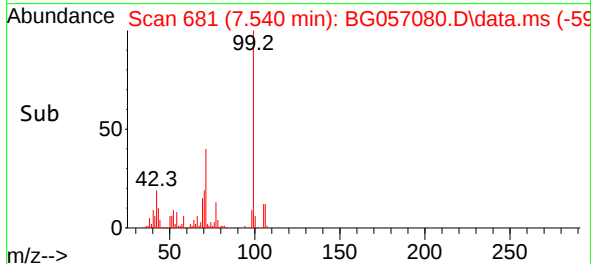
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Tgt Ion: 99 Resp: 184630
Ion Ratio Lower Upper
99 100
42 18.8 15.7 23.5
71 40.4 32.5 48.7

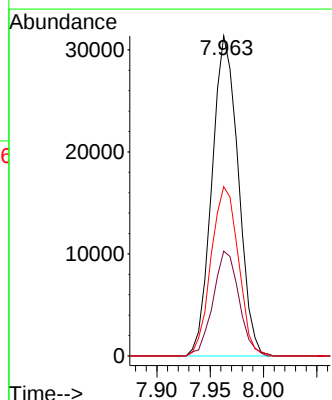
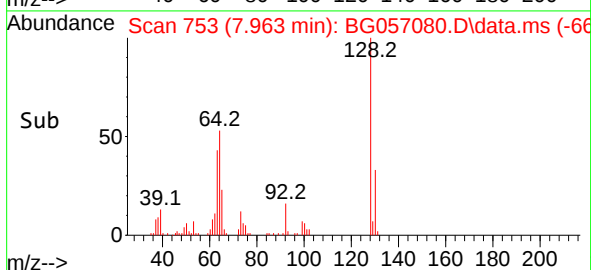
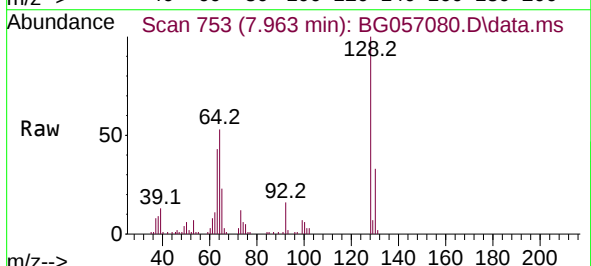
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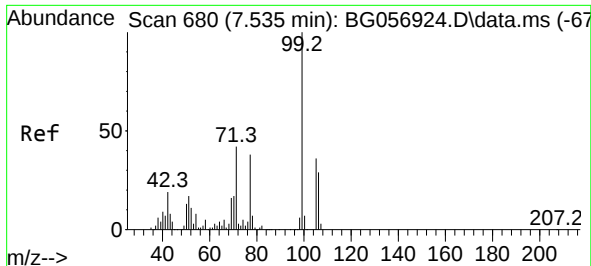
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#8
2-Chlorophenol
Concen: 55.813 ng
RT: 7.963 min Scan# 753
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

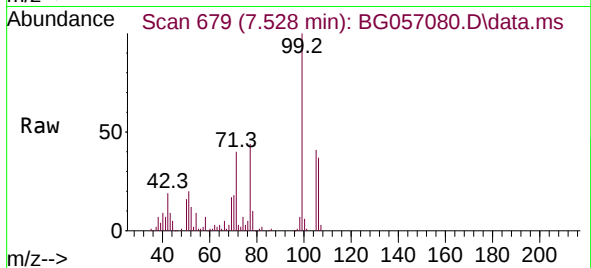
Tgt Ion:128 Resp: 53795
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 52.9 40.6 80.6





#9
Benzaldehyde
Concen: 48.044 ng
RT: 7.528 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

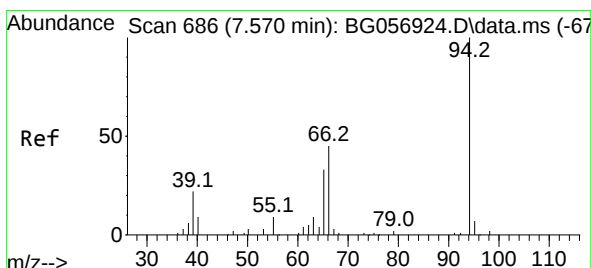
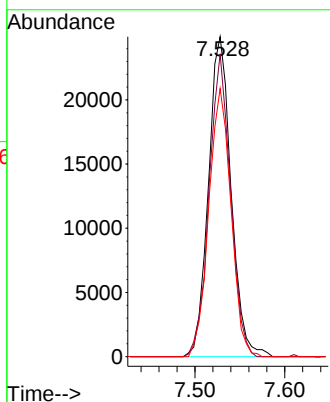
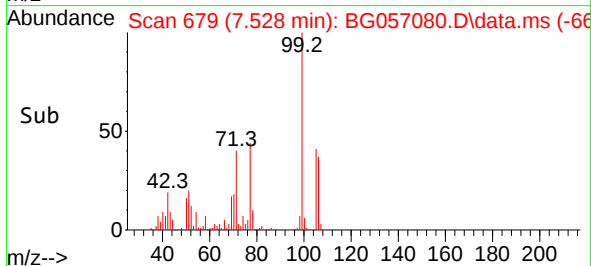
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ClientSampleId :
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Tgt Ion: 77 Resp: 43612
Ion Ratio Lower Upper
77 100
105 94.6 73.6 113.6
106 83.8 56.7 96.7

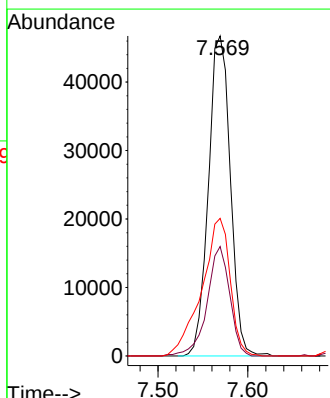
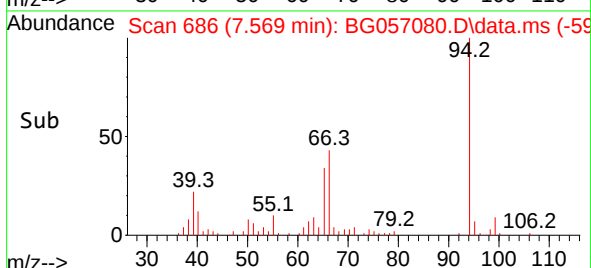
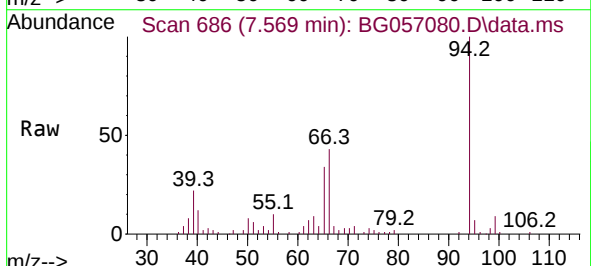
Manual Integrations
APPROVED

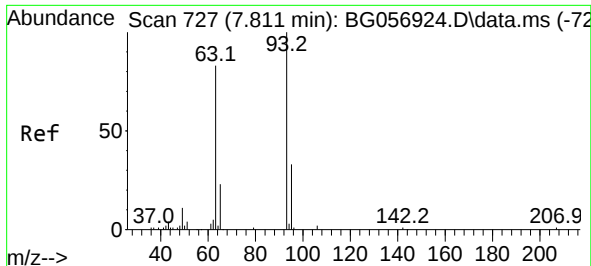
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#10
Phenol
Concen: 55.262 ng
RT: 7.569 min Scan# 686
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

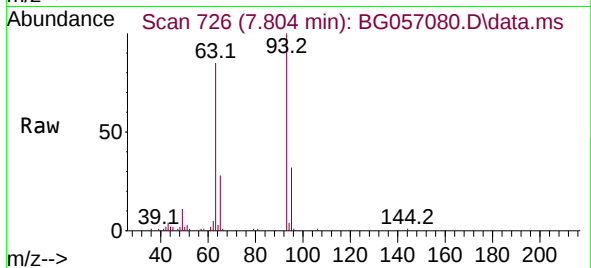
Tgt Ion: 94 Resp: 79248
Ion Ratio Lower Upper
94 100
65 34.2 13.3 53.3
66 43.0 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 51.290 ng
RT: 7.804 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

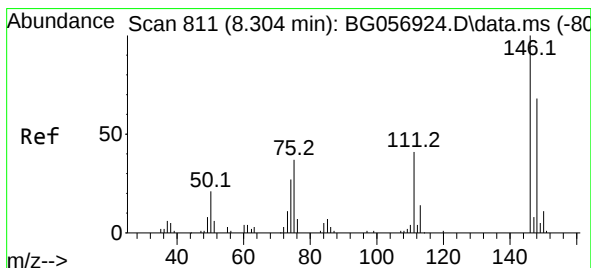
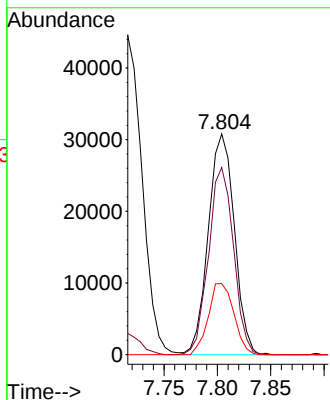
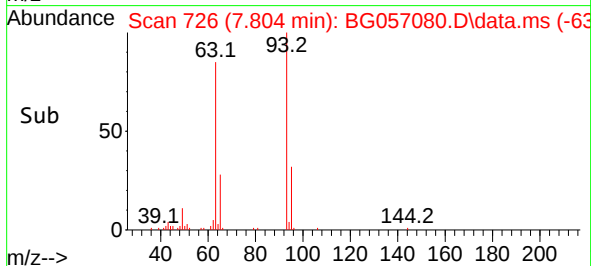
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion: 93 Resp: 52393
Ion Ratio Lower Upper
93 100
63 84.8 62.7 102.7
95 32.1 12.3 52.3

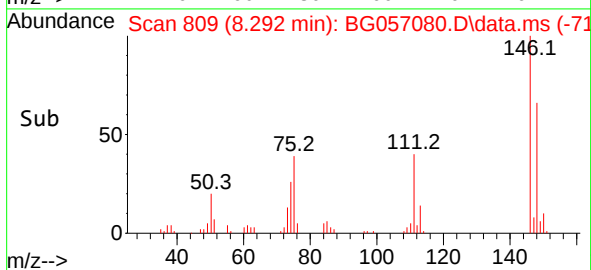
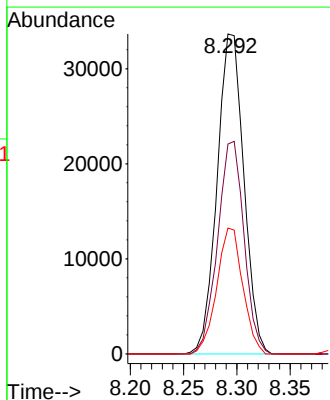
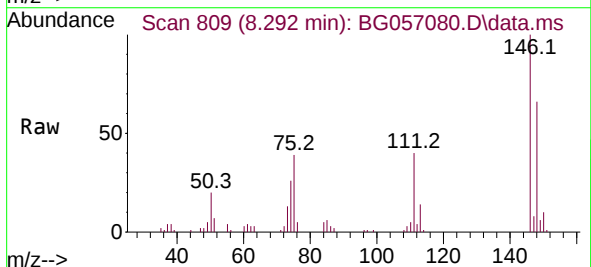
Manual Integrations
APPROVED

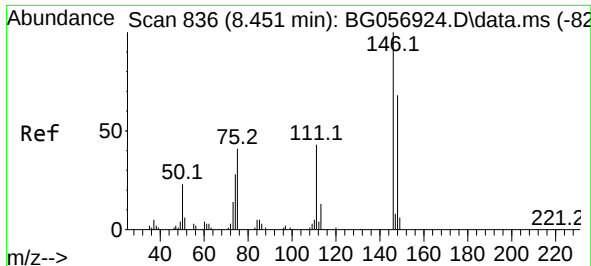
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#12
1,3-Dichlorobenzene
Concen: 55.197 ng
RT: 8.292 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

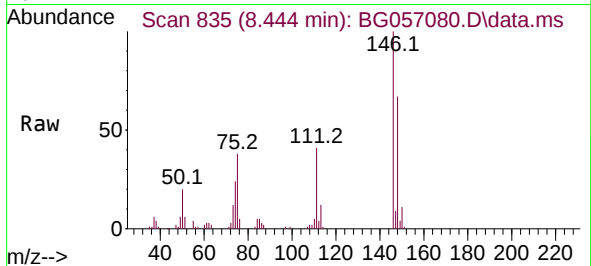
Tgt Ion:146 Resp: 58785
Ion Ratio Lower Upper
146 100
148 65.6 54.2 81.4
75 39.4 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 55.633 ng
RT: 8.444 min Scan# 836
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

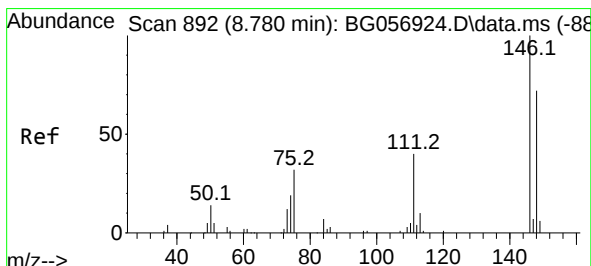
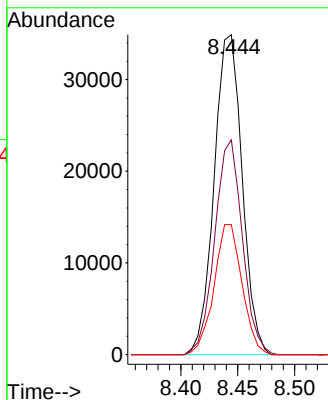
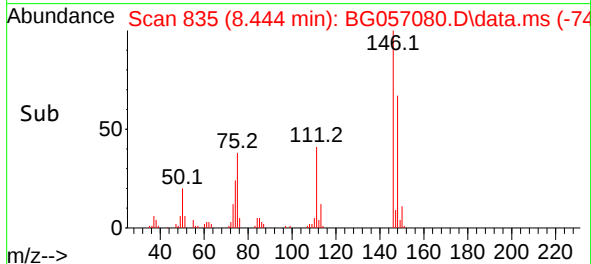
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



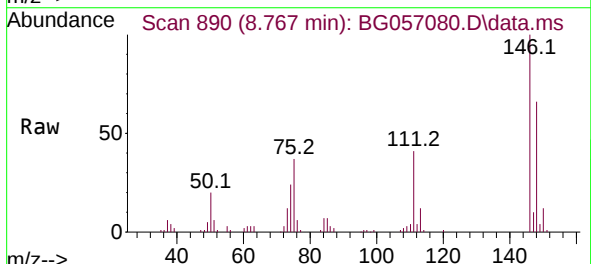
Tgt Ion:146 Resp: 59799
Ion Ratio Lower Upper
146 100
148 67.1 54.8 82.2
111 40.6 34.6 52.0

Manual Integrations
APPROVED

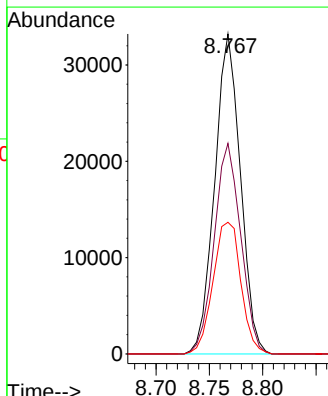
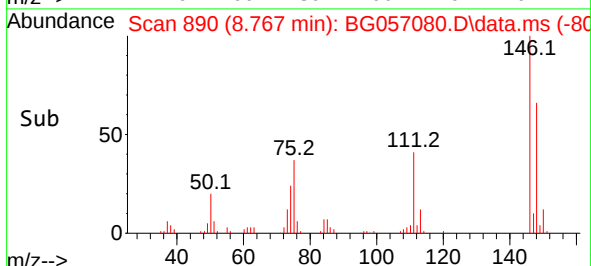
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

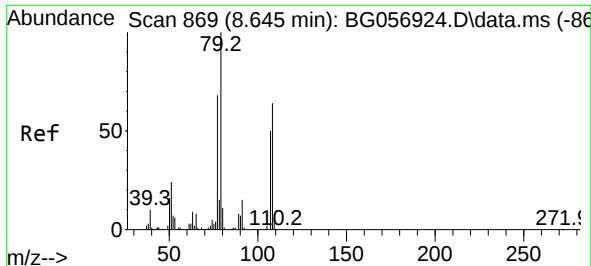


#14
1,2-Dichlorobenzene
Concen: 53.663 ng
RT: 8.767 min Scan# 890
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



Tgt Ion:146 Resp: 55727
Ion Ratio Lower Upper
146 100
148 65.8 57.4 86.0
111 41.1 33.2 49.8





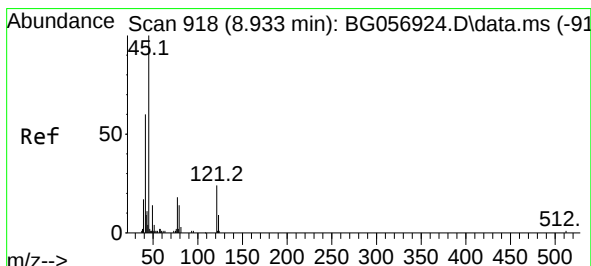
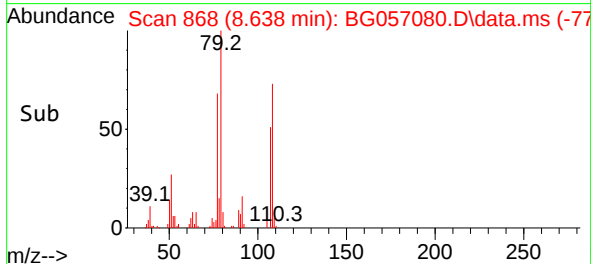
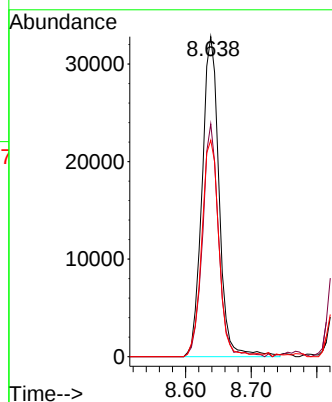
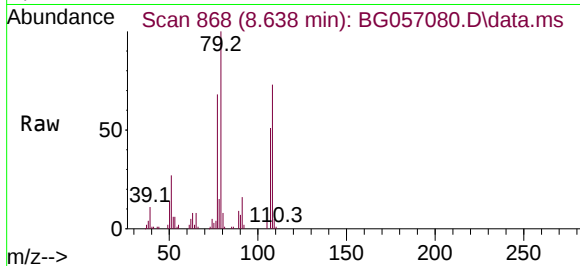
#15
Benzyl Alcohol
Concen: 48.951 ng
RT: 8.638 min Scan# 868
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Instrument :
BNA_G
Client Sample Id :
IDW-SO-VB3-041123MS

Tgt Ion: 79 Resp: 5886
Ion Ratio Lower Upper
79 100
108 72.7 51.2 76.8
77 67.6 54.4 81.6

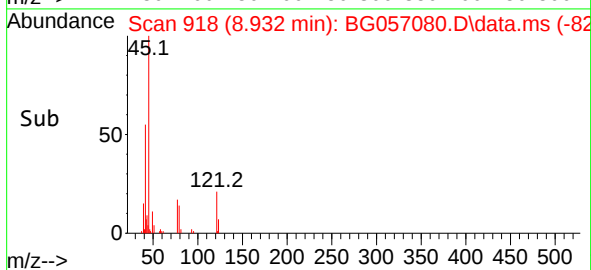
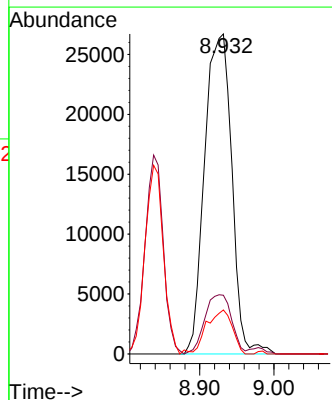
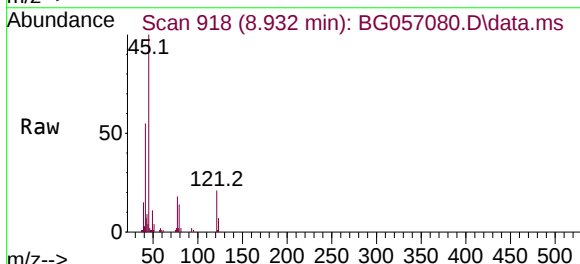
Manual Integrations
APPROVED

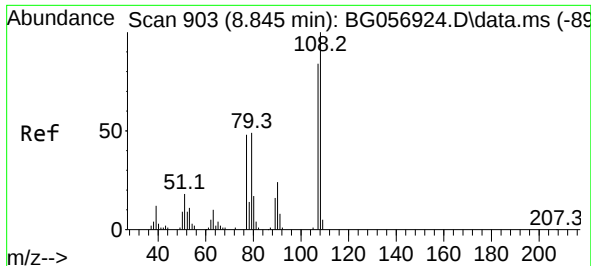
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.169 ng
RT: 8.932 min Scan# 918
Delta R.T. 0.010 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 45 Resp: 67918
Ion Ratio Lower Upper
45 100
77 18.3 0.0 38.7
79 13.7 0.0 35.1





#17

2-Methylphenol

Concen: 51.075 ng

RT: 8.838 min Scan# 90

Delta R.T. -0.002 min

Lab File: BG057080.D

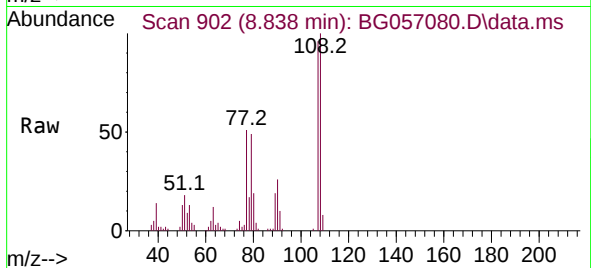
Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS



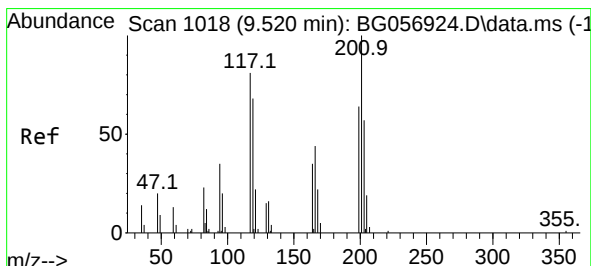
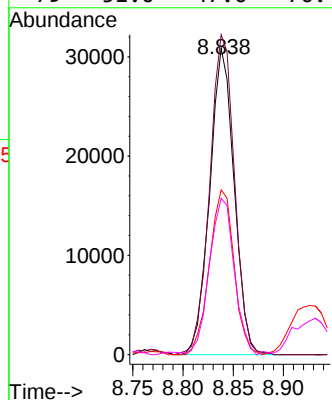
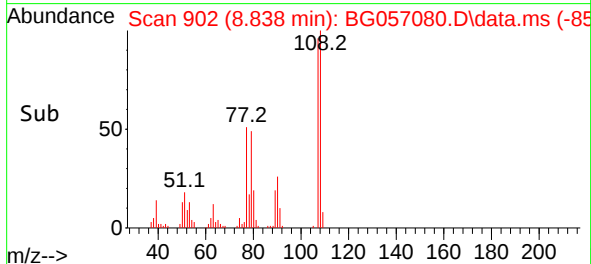
Tgt Ion:	107	Resp:	5225
Ion Ratio	Lower	Upper	
107	100		
108	104.5	96.0	144.0
77	53.8	45.6	68.4
79	51.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#18

Hexachloroethane

Concen: 54.316 ng

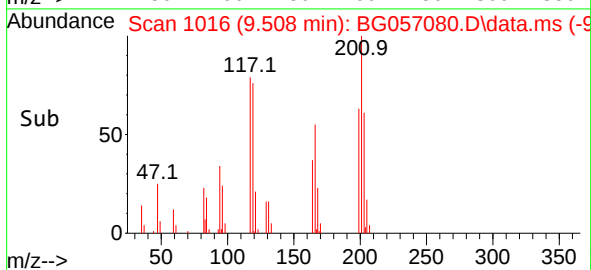
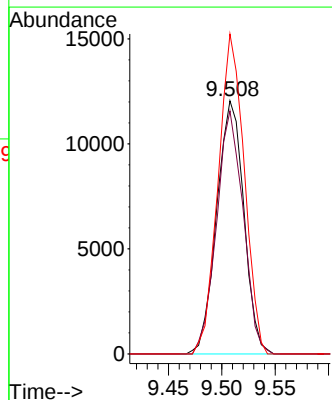
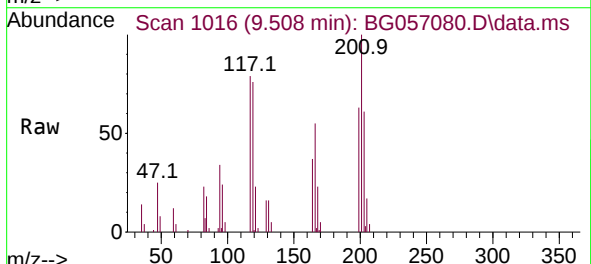
RT: 9.508 min Scan# 1016

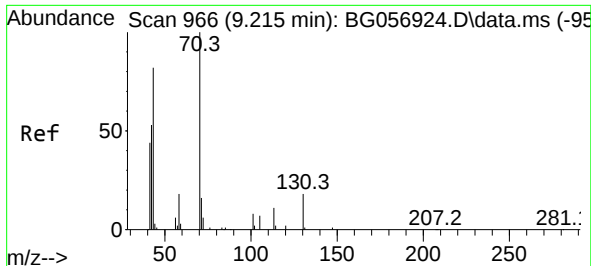
Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

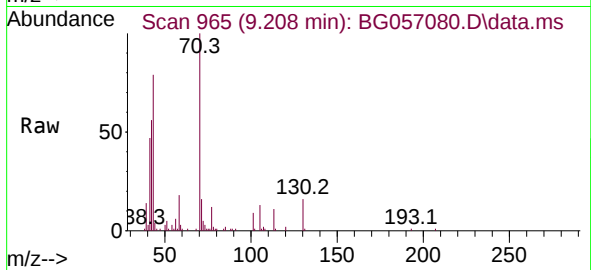
Tgt Ion:	117	Resp:	21339
Ion Ratio	Lower	Upper	
117	100		
119	96.0	67.0	100.6
201	126.5	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 46.333 ng
RT: 9.208 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

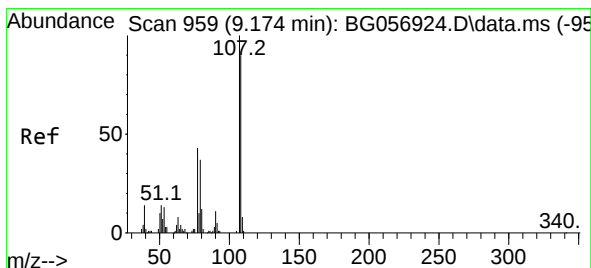
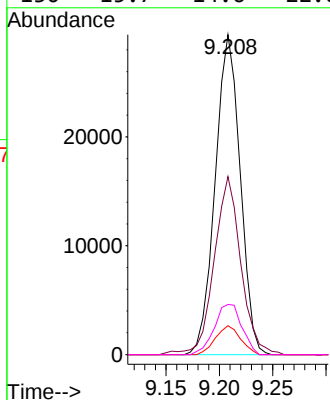
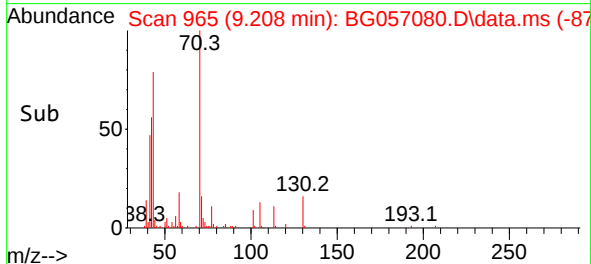
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion: 70 Resp: 47963
Ion Ratio Lower Upper
70 100
42 55.6 43.4 65.0
101 9.0 6.2 9.2
130 15.7 14.6 22.0

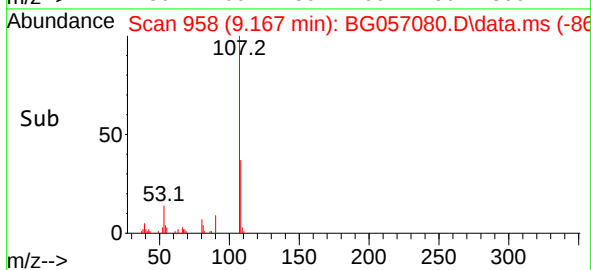
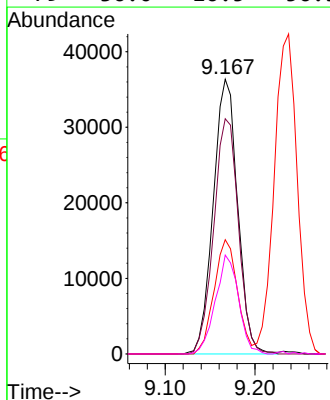
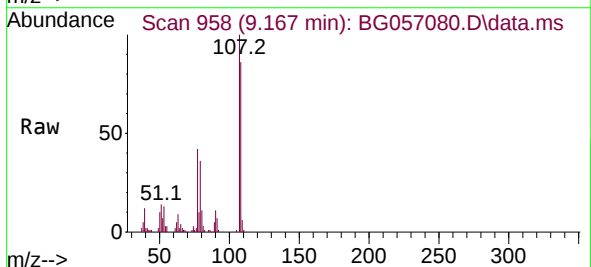
Manual Integrations
APPROVED

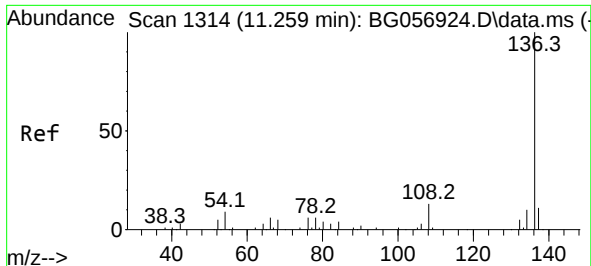
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#20
3+4-Methylphenols
Concen: 48.113 ng
RT: 9.167 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

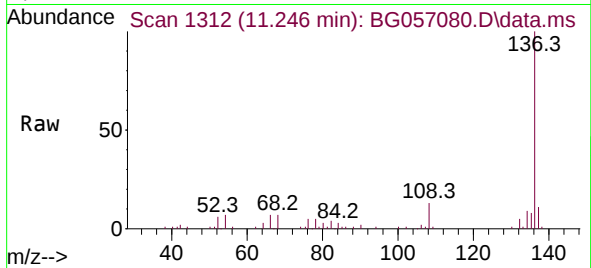
Tgt Ion:107 Resp: 68832
Ion Ratio Lower Upper
107 100
108 85.6 69.9 109.9
77 41.6 22.7 62.7
79 36.0 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

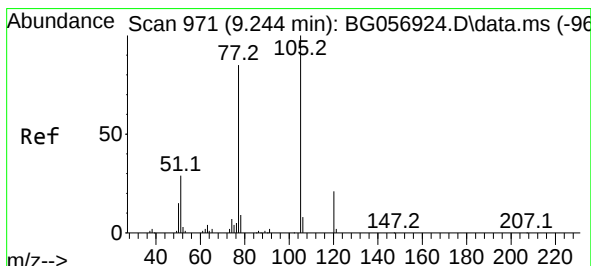
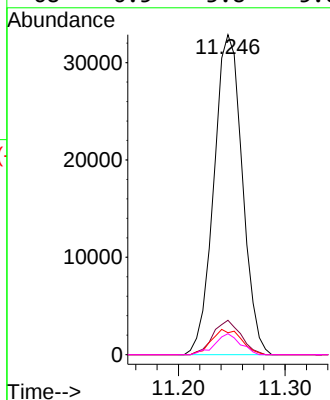
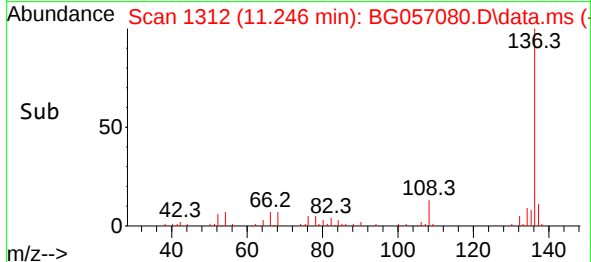
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:136 Resp: 60764
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 6.9 10.3
68 6.5 3.8 5.6#

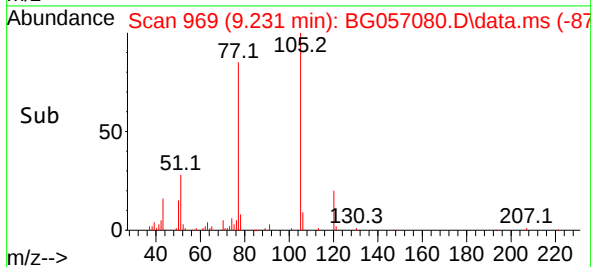
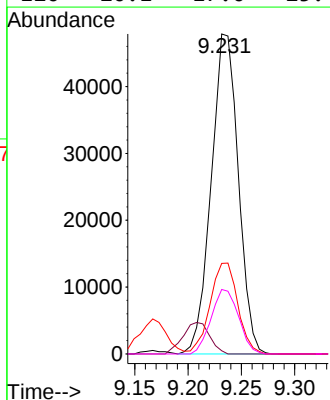
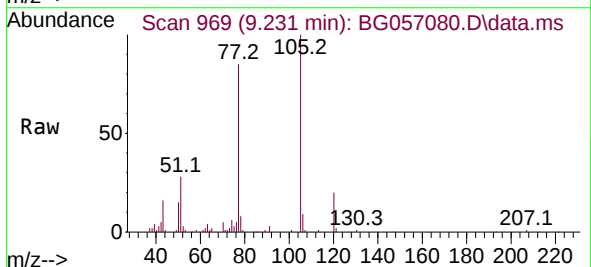
Manual Integrations
APPROVED

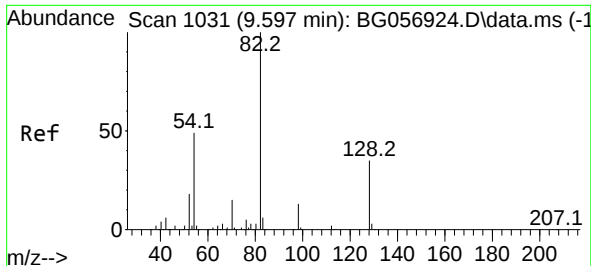
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#22
Acetophenone
Concen: 46.881 ng
RT: 9.231 min Scan# 969
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:105 Resp: 84765
Ion Ratio Lower Upper
105 100
71 1.0 0.7 1.1
51 28.3 23.8 35.8
120 20.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 77.838 ng

RT: 9.584 min Scan# 1031

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

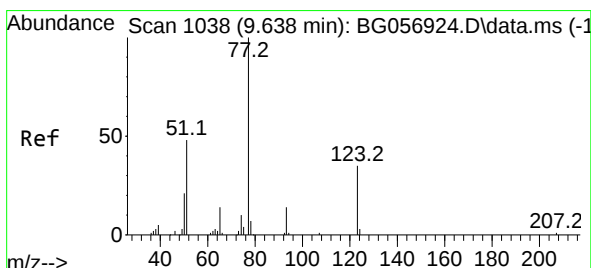
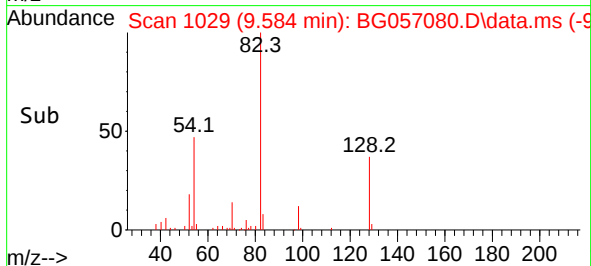
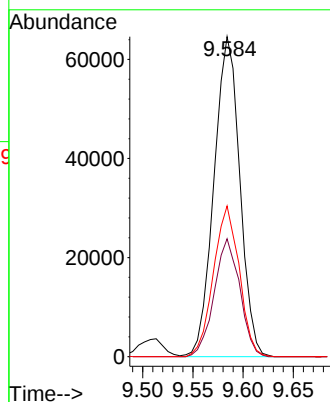
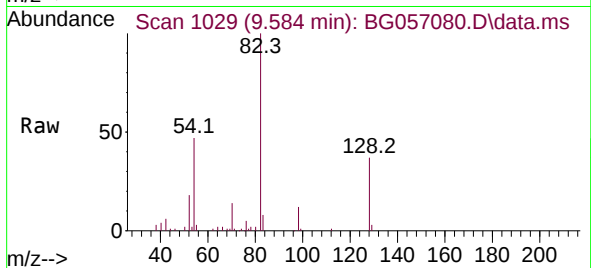
Tgt Ion:	82	Resp:	115592
Ion Ratio	Lower	Upper	
82	100		
128	36.8	27.9	41.9
54	47.1	39.4	59.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#24

Nitrobenzene

Concen: 48.041 ng

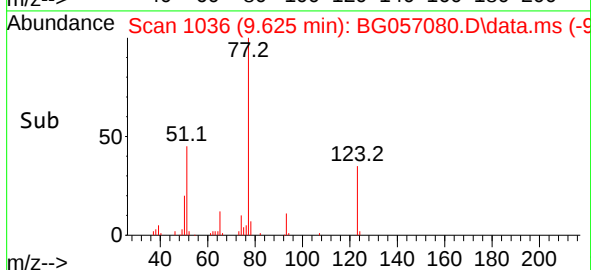
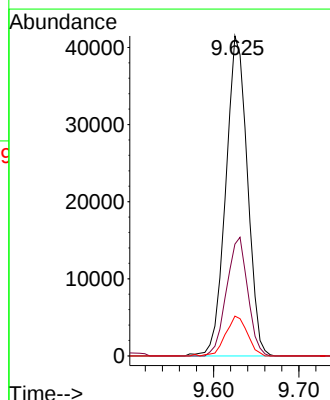
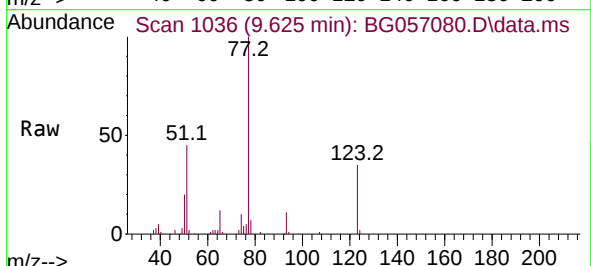
RT: 9.625 min Scan# 1036

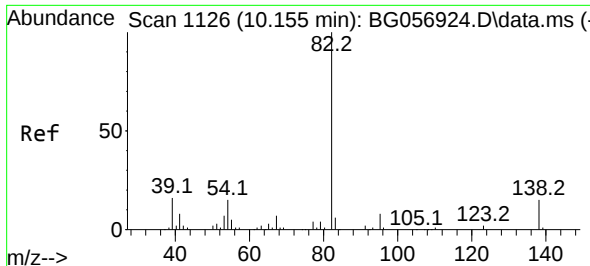
Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

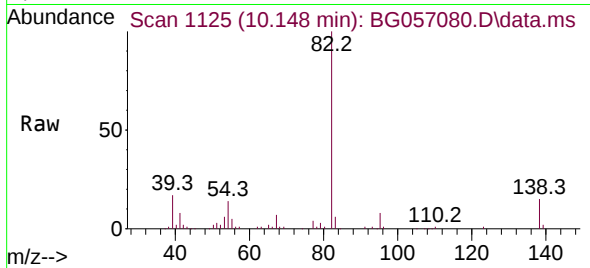
Tgt Ion:	77	Resp:	72940
Ion Ratio	Lower	Upper	
77	100		
123	34.9	27.6	41.4
65	12.4	11.5	17.3





#25
Isophorone
Concen: 44.153 ng
RT: 10.148 min Scan# 1125
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

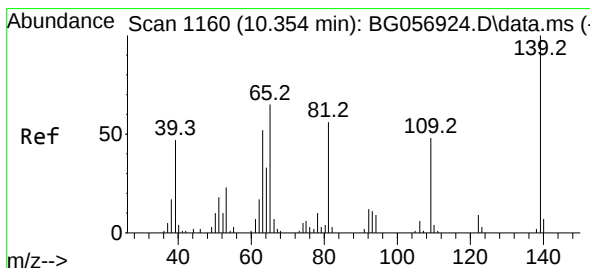
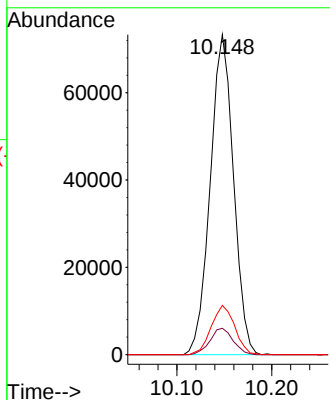
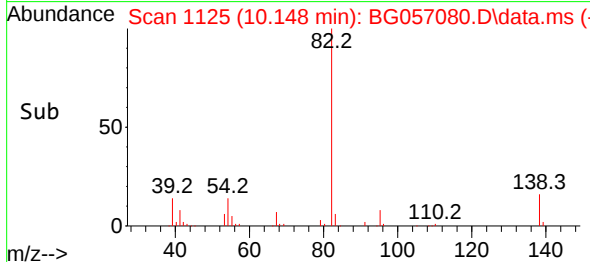
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion: 82 Resp: 12486
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 15.4 11.8 17.8

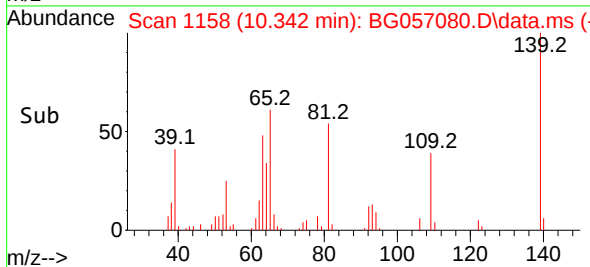
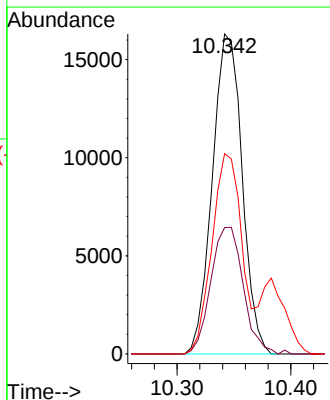
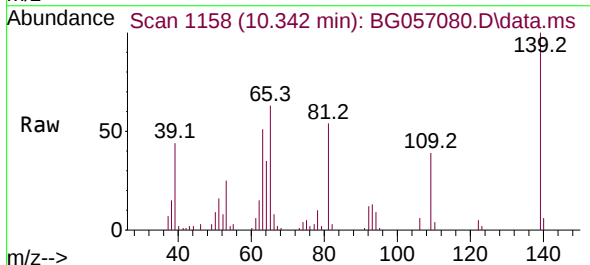
Manual Integrations
APPROVED

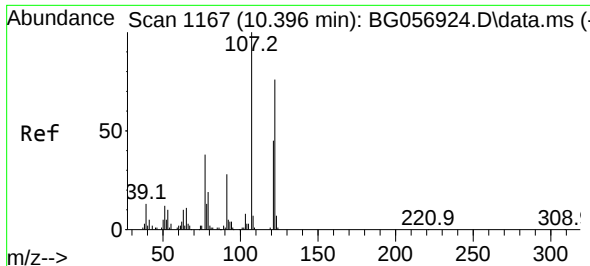
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#26
2-Nitrophenol
Concen: 50.630 ng
RT: 10.342 min Scan# 1158
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

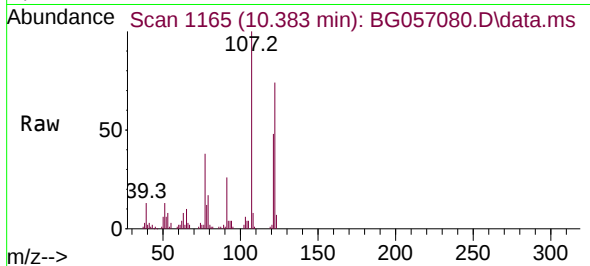
Tgt Ion:139 Resp: 29671
Ion Ratio Lower Upper
139 100
109 39.5 38.2 57.4
65 62.6 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 48.520 ng
RT: 10.383 min Scan# 1167
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

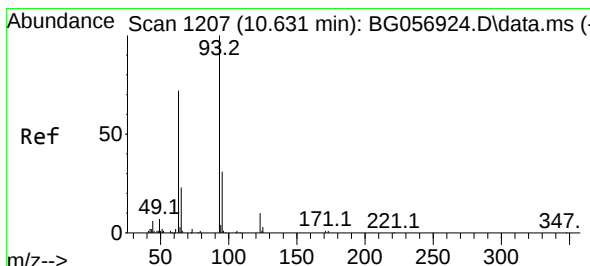
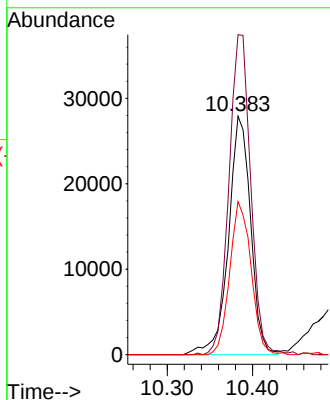
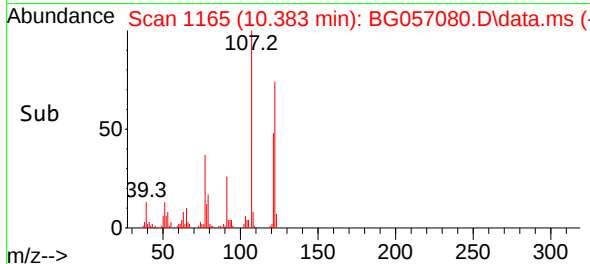
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:122 Resp: 50204
Ion Ratio Lower Upper
122 100
107 134.3 105.7 158.5
121 64.2 48.0 72.0

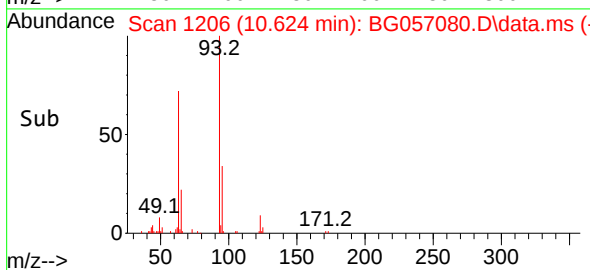
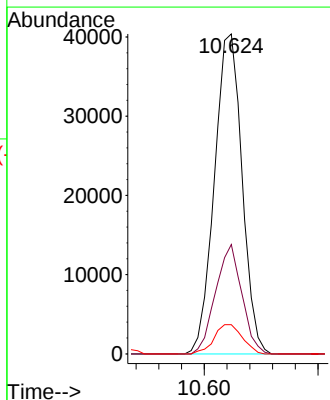
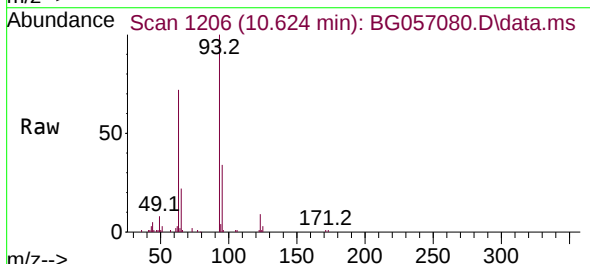
Manual Integrations
APPROVED

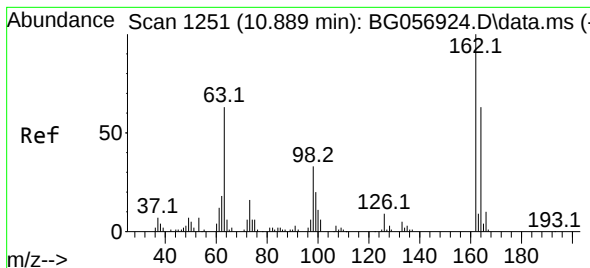
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 48.080 ng
RT: 10.624 min Scan# 1206
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion: 93 Resp: 68070
Ion Ratio Lower Upper
93 100
95 34.2 24.6 37.0
123 9.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 49.440 ng

RT: 10.882 min Scan# 1250

Delta R.T. -0.002 min

Lab File: BG057080.D

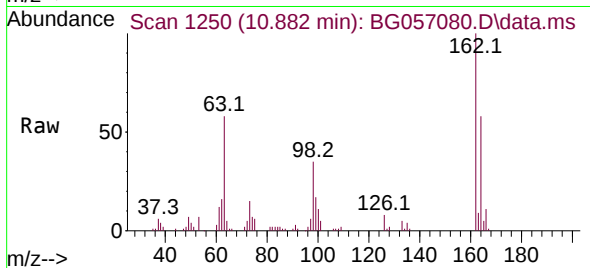
Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS



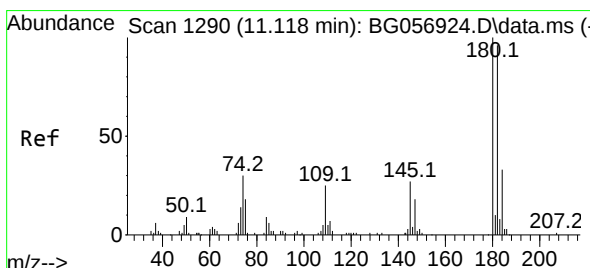
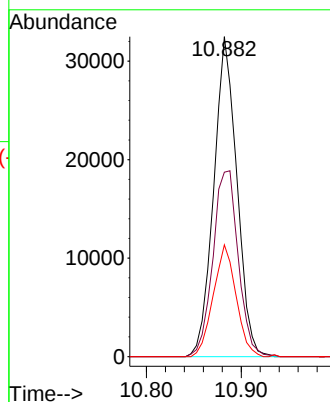
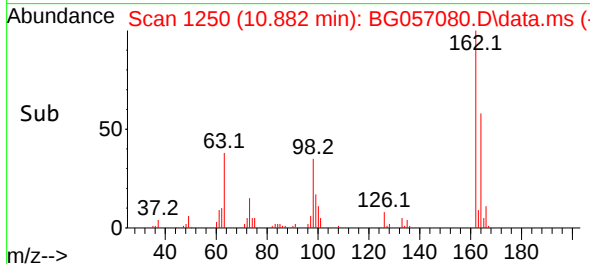
Tgt Ion:	162	Resp:	55016
Ion Ratio	Lower	Upper	
162	100		
164	57.6	43.4	83.4
98	35.0	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.330 ng

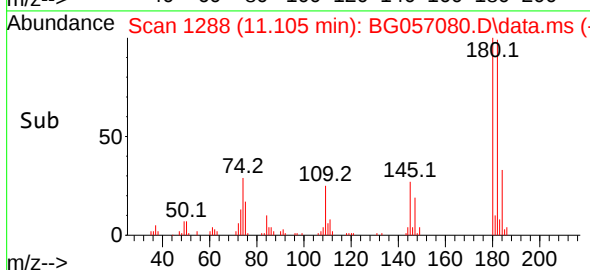
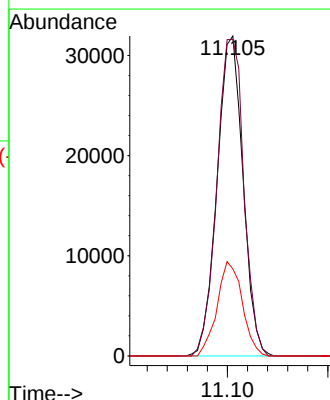
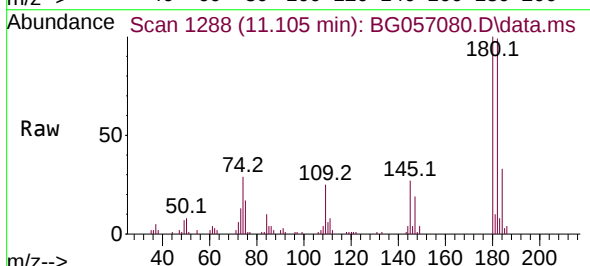
RT: 11.105 min Scan# 1288

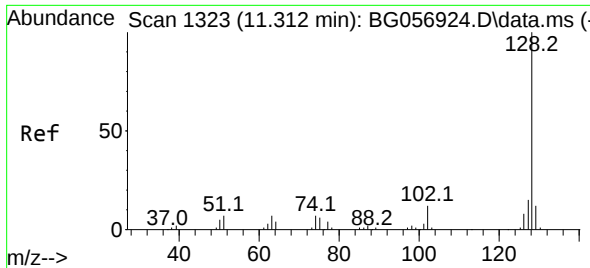
Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

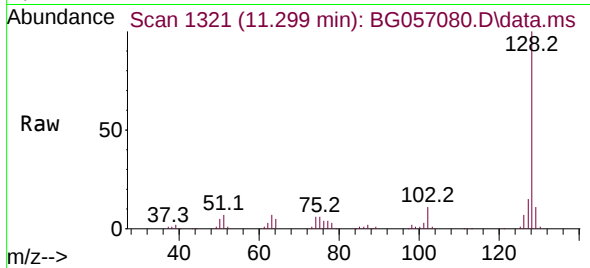
Tgt Ion:	180	Resp:	57144
Ion Ratio	Lower	Upper	
180	100		
182	98.9	77.1	115.7
145	27.2	21.3	31.9





#31
Naphthalene
Concen: 48.183 ng
RT: 11.299 min Scan# 1129
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

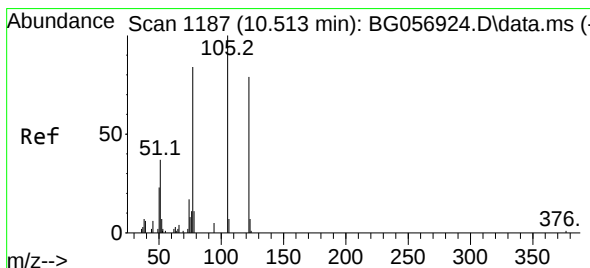
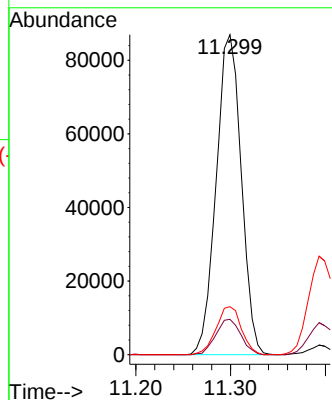
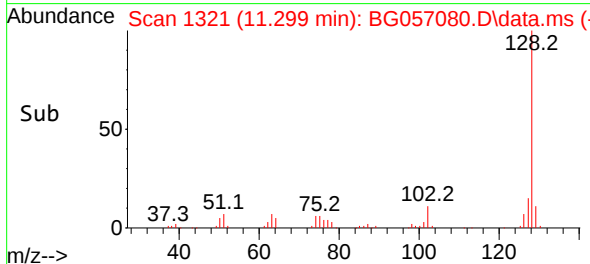
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:128 Resp: 159584
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 15.0 12.2 18.4

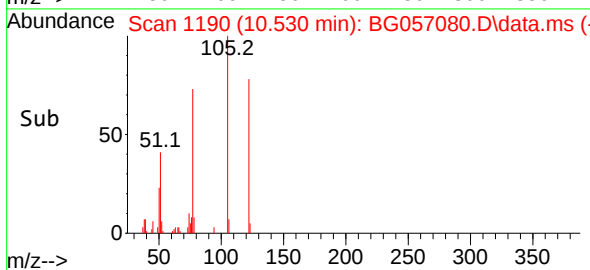
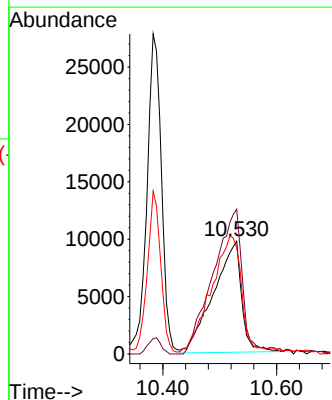
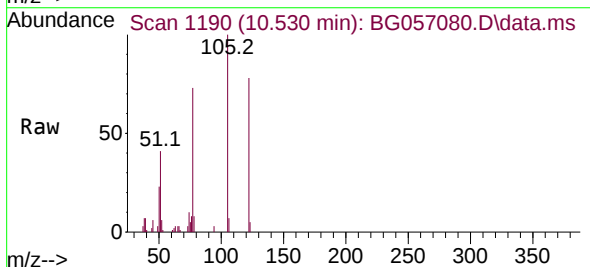
Manual Integrations
APPROVED

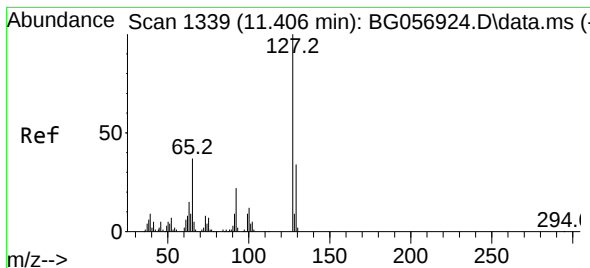
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#32
Benzoic acid
Concen: 46.524 ng
RT: 10.530 min Scan# 1190
Delta R.T. 0.021 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

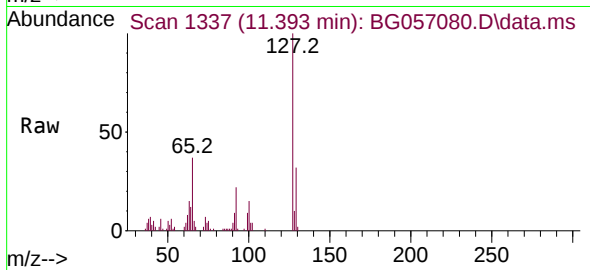
Tgt Ion:122 Resp: 33067
Ion Ratio Lower Upper
122 100
105 128.4 105.4 145.4
77 94.1 87.4 127.4





#33
4-Chloroaniline
Concen: 34.356 ng
RT: 11.393 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

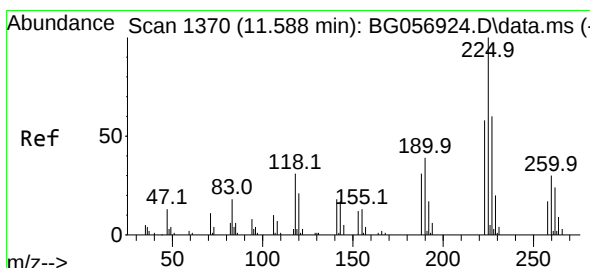
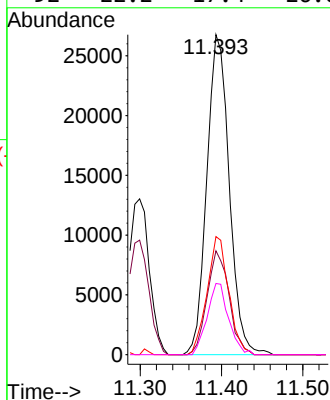
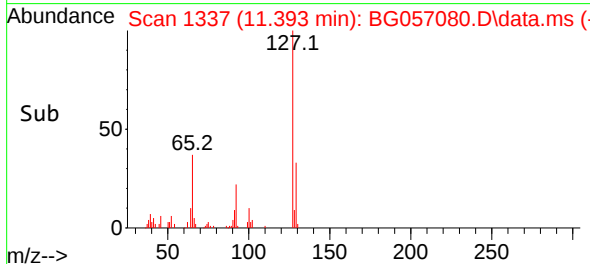
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.6	41.4
65	36.9	29.8	44.8
92	22.2	17.4	26.0

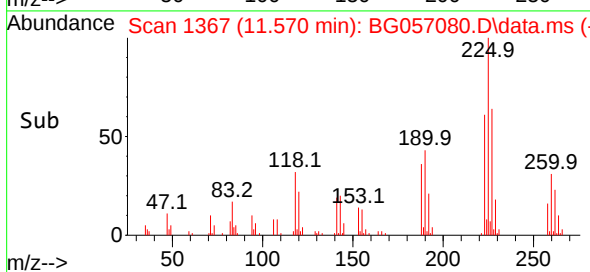
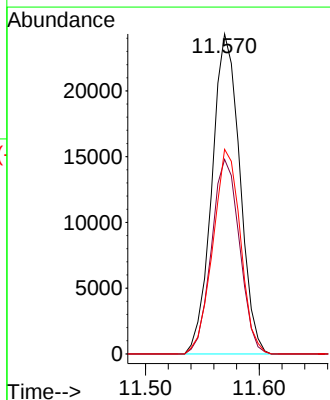
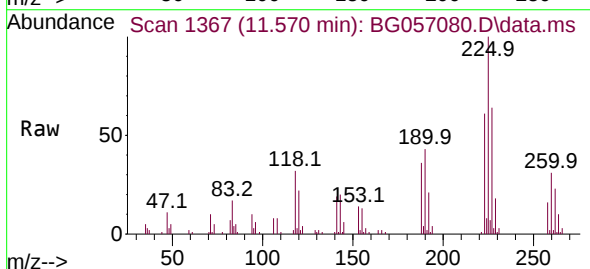
Manual Integrations
APPROVED

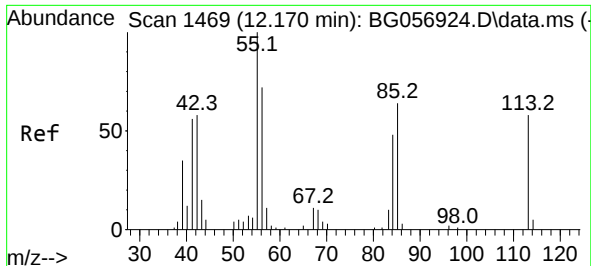
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#34
Hexachlorobutadiene
Concen: 46.584 ng
RT: 11.570 min Scan# 1367
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

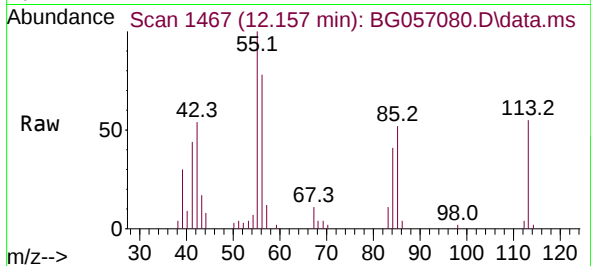
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	46.4	69.6
227	63.9	48.0	72.0





#35
 Caprolactam
 Concen: 43.379 ng m
 RT: 12.157 min Scan# 1467
 Delta R.T. -0.008 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

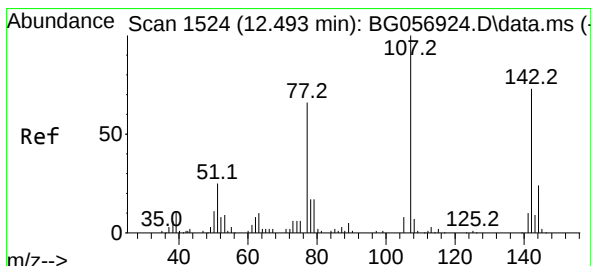
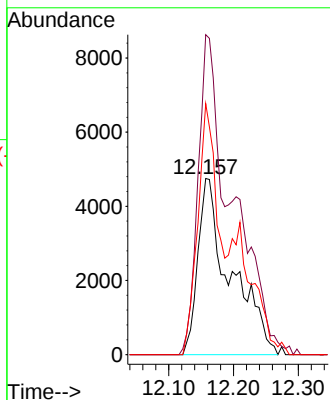
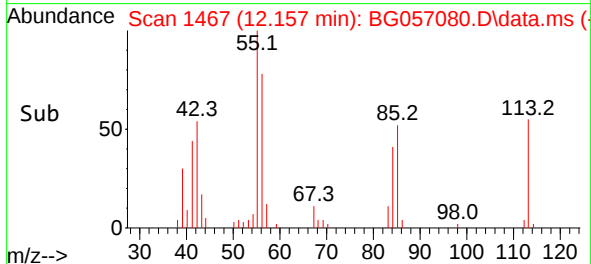
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS



Tgt Ion:113 Resp: 1664
 Ion Ratio Lower Upper
 113 100
 55 181.7 151.6 191.6
 56 142.5 103.7 143.7

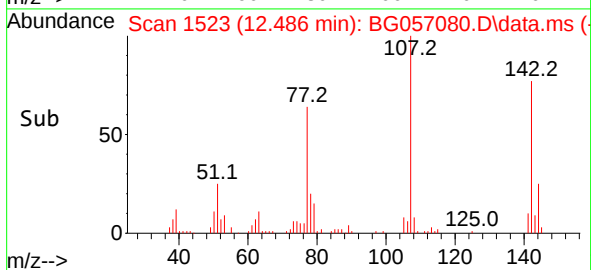
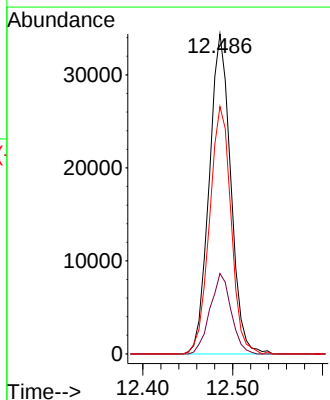
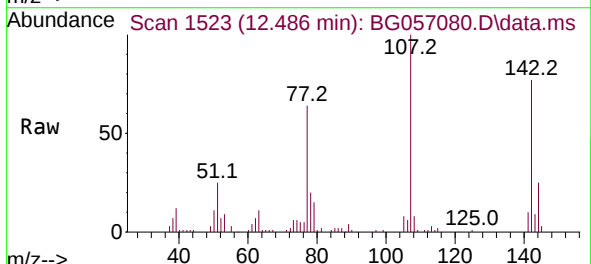
Manual Integrations
 APPROVED

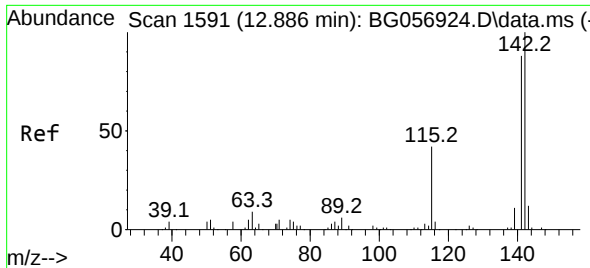
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.222 ng
 RT: 12.486 min Scan# 1523
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

Tgt Ion:107 Resp: 57521
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.0 28.4
 142 77.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 43.881 ng

RT: 12.874 min Scan# 115349

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

Tgt Ion:142 Resp: 115349

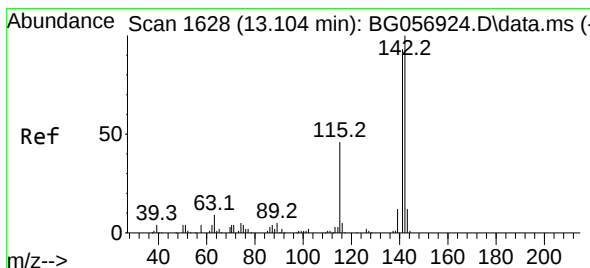
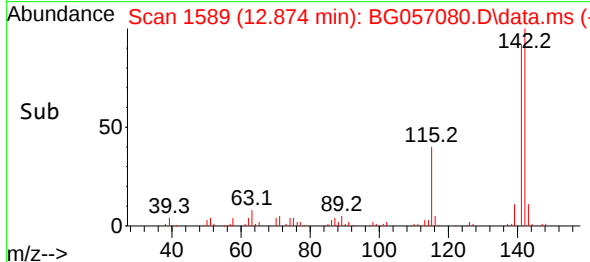
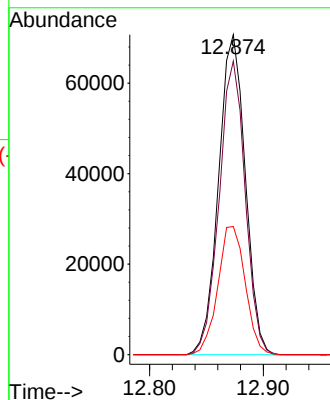
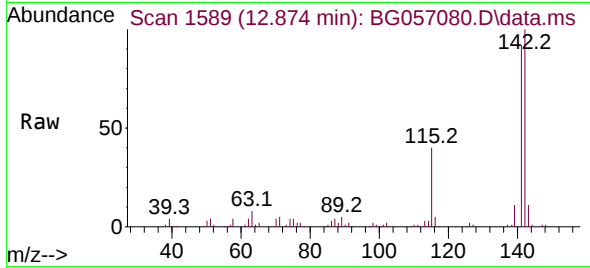
Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.3	105.5
115	40.0	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#38

1-Methylnaphthalene

Concen: 43.417 ng

RT: 13.091 min Scan# 1626

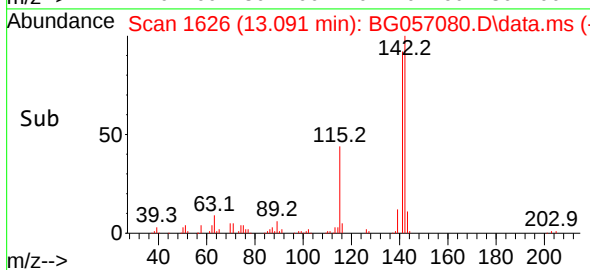
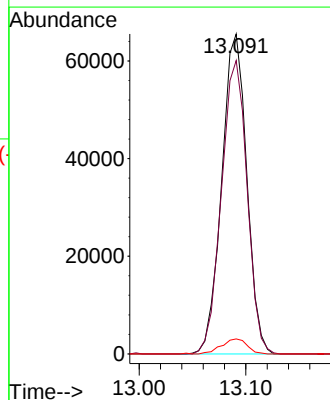
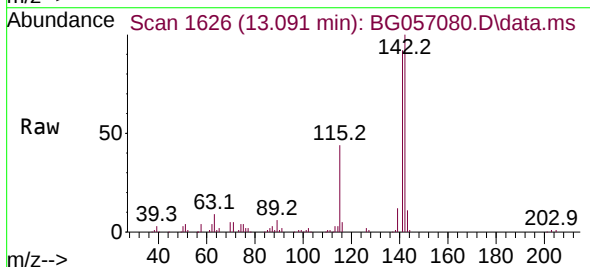
Delta R.T. -0.002 min

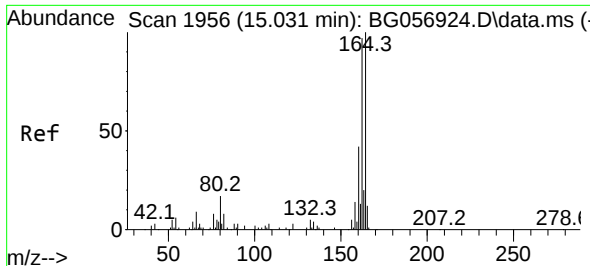
Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Tgt Ion:142 Resp: 107167

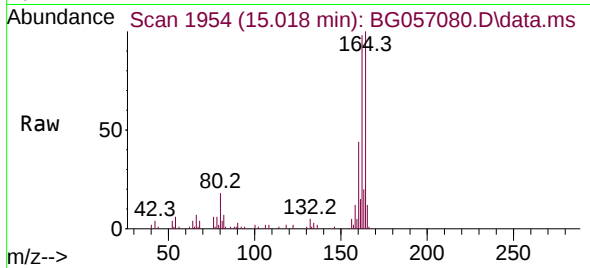
Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.0	111.0
116	4.7	3.7	5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.018 min Scan# 1954
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

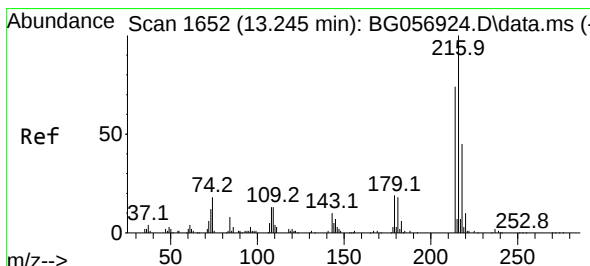
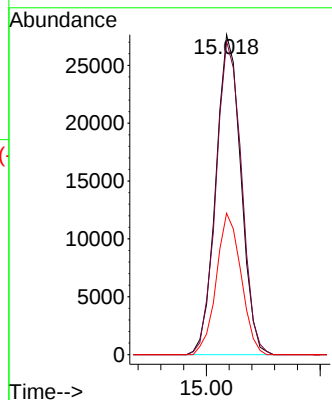
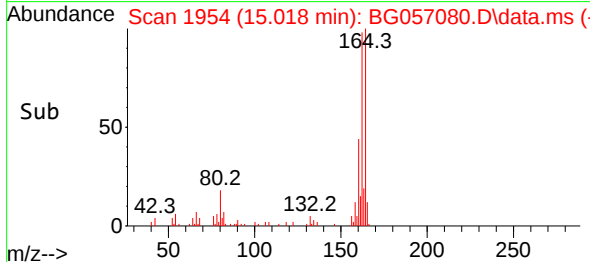
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:164 Resp: 4225
Ion Ratio Lower Upper
164 100
162 97.9 77.8 116.8
160 44.2 33.5 50.3

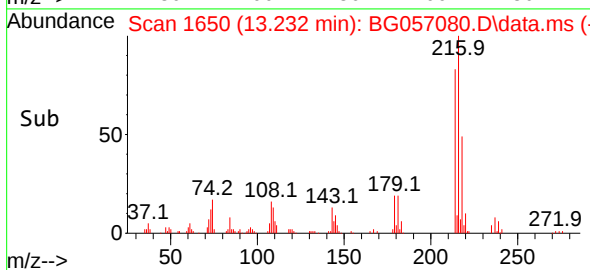
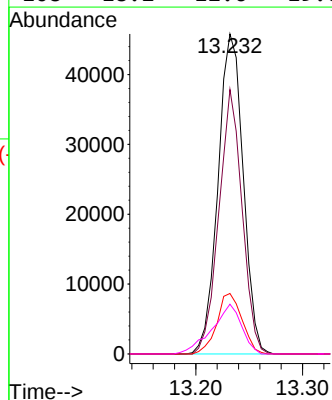
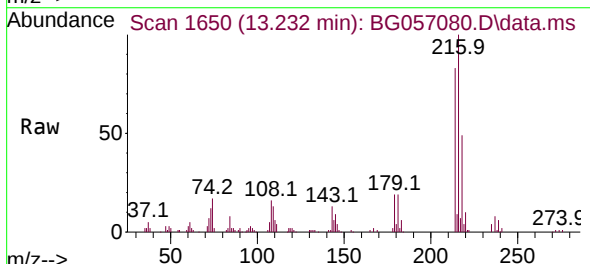
Manual Integrations
APPROVED

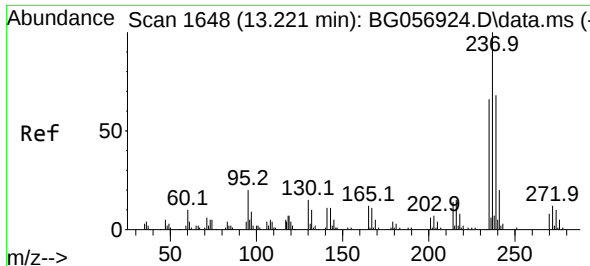
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.158 ng
RT: 13.232 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

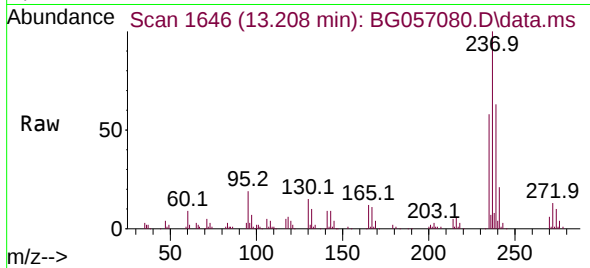
Tgt Ion:216 Resp: 74954
Ion Ratio Lower Upper
216 100
214 76.3 63.3 94.9
179 18.9 15.0 22.6
108 18.2 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 117.554 ng
RT: 13.208 min Scan# 1646
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

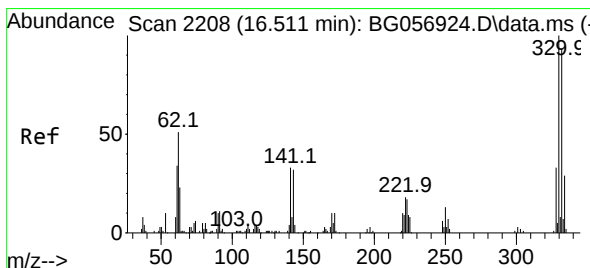
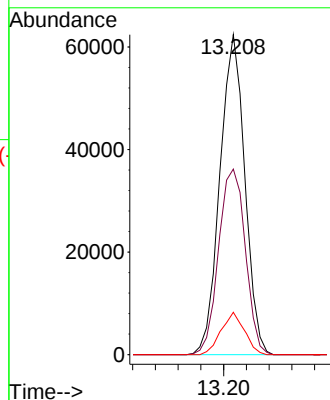
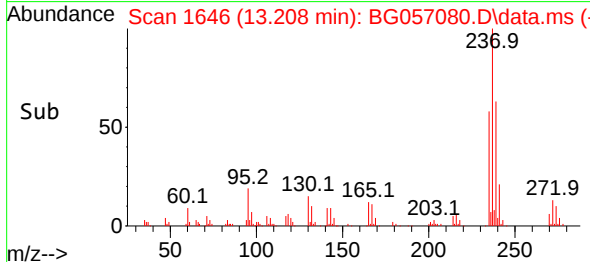
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



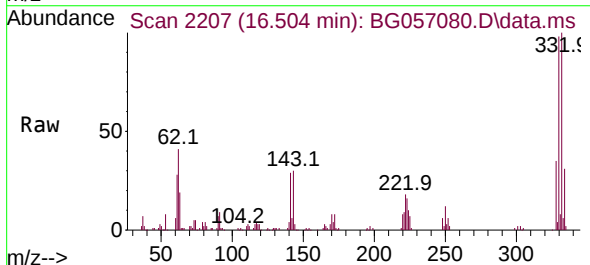
Tgt Ion:237 Resp: 94896
Ion Ratio Lower Upper
237 100
235 58.0 45.9 85.9
272 13.2 0.0 32.3

Manual Integrations
APPROVED

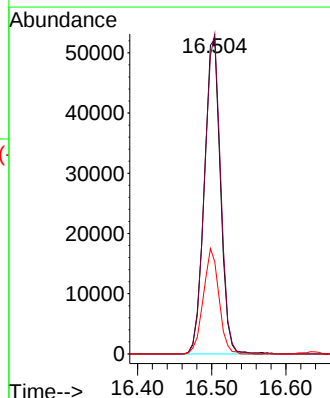
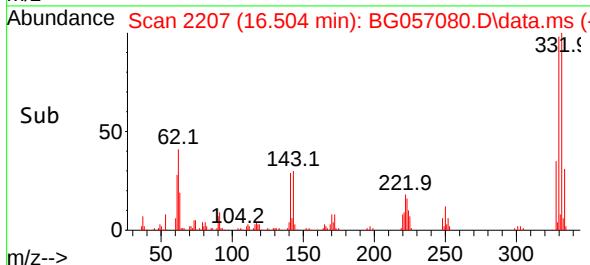
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

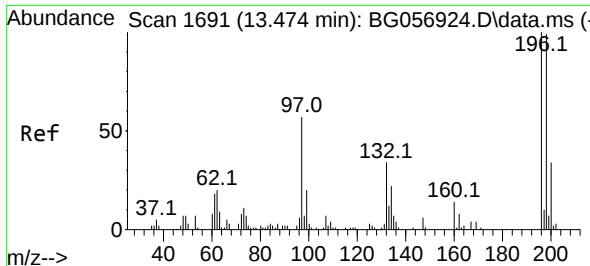


#42
2,4,6-Tribromophenol
Concen: 116.991 ng
RT: 16.504 min Scan# 2207
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



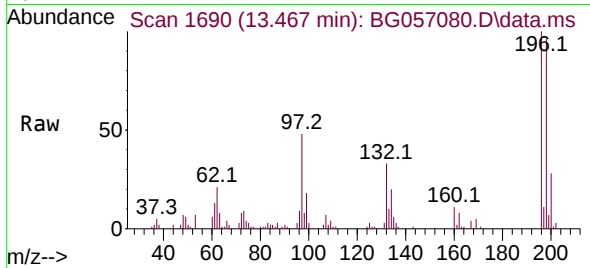
Tgt Ion:330 Resp: 78966
Ion Ratio Lower Upper
330 100
332 101.1 76.1 114.1
141 32.2 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 51.019 ng
RT: 13.467 min Scan# 1690
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

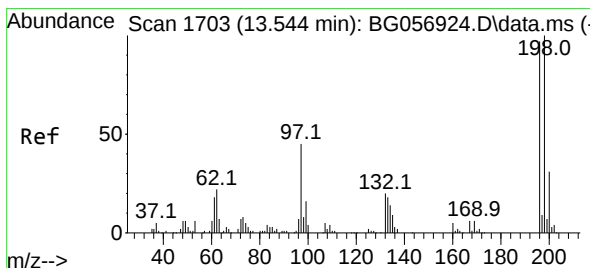
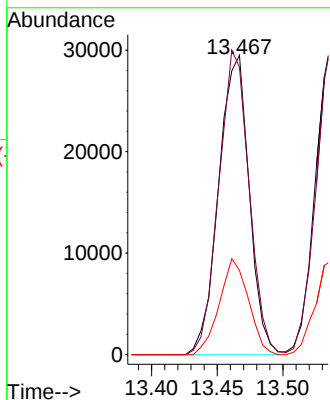
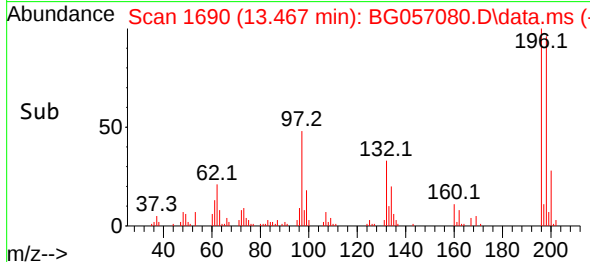
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



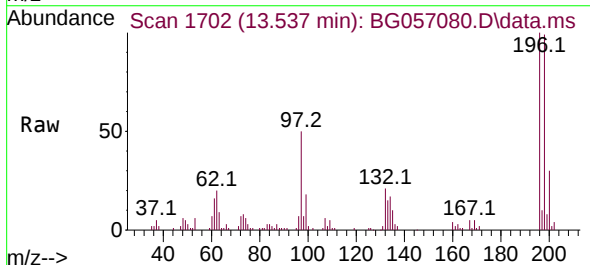
Tgt Ion:196 Resp: 47701
Ion Ratio Lower Upper
196 100
198 96.1 79.1 118.7
200 28.1 27.2 40.8

Manual Integrations
APPROVED

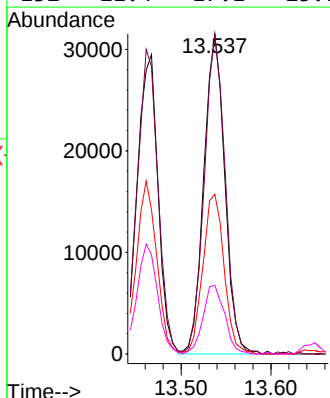
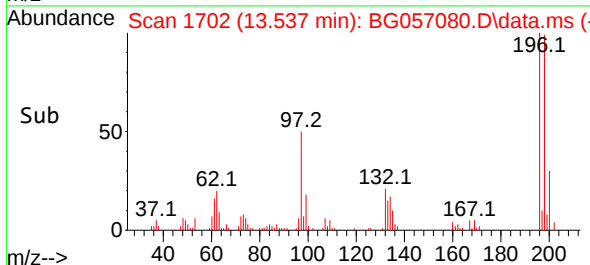
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

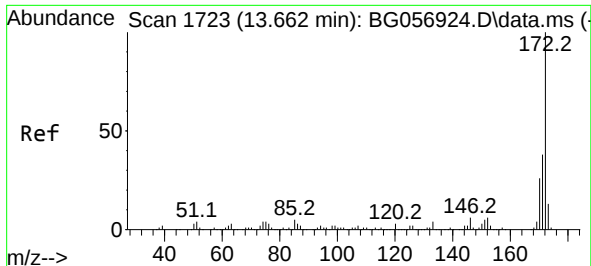


#44
2,4,5-Trichlorophenol
Concen: 46.099 ng
RT: 13.537 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



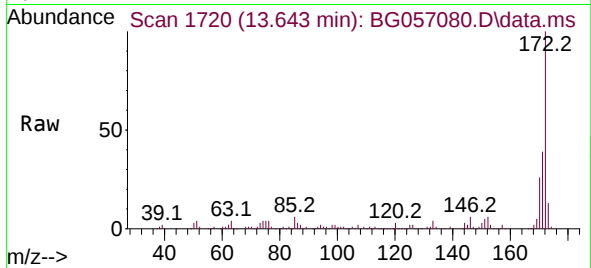
Tgt Ion:196 Resp: 51060
Ion Ratio Lower Upper
196 100
198 99.4 82.5 123.7
97 49.8 37.0 55.6
132 21.4 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 78.096 ng
RT: 13.643 min Scan# 1720
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

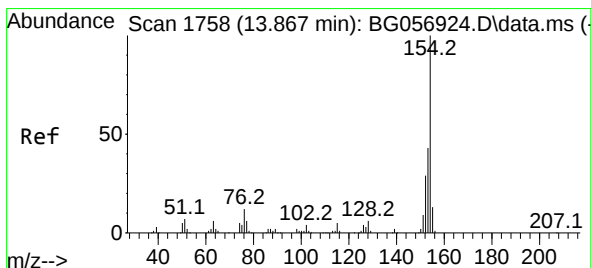
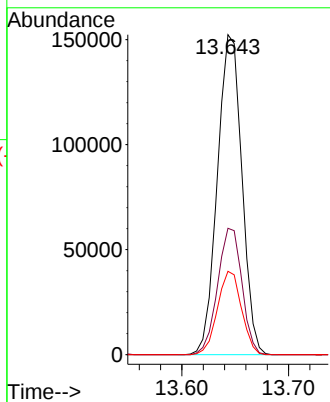
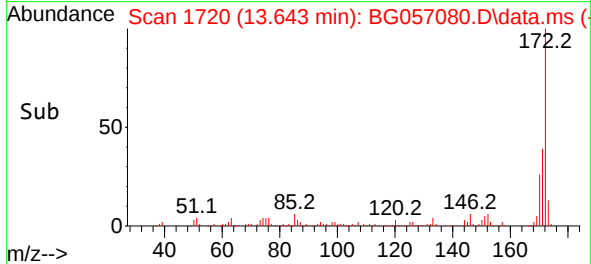
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



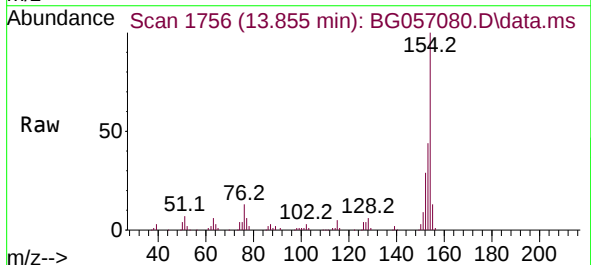
Tgt Ion:172 Resp: 243334
Ion Ratio Lower Upper
172 100
171 39.5 30.6 46.0
170 26.0 20.6 30.8

Manual Integrations
APPROVED

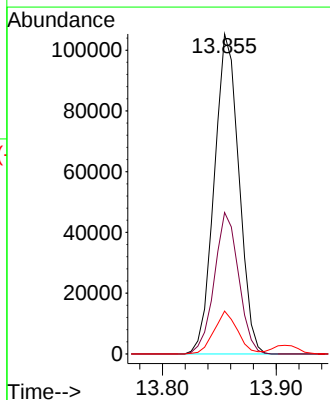
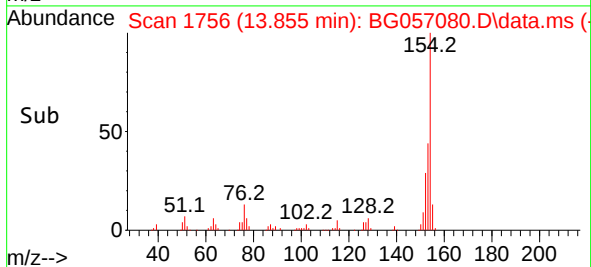
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

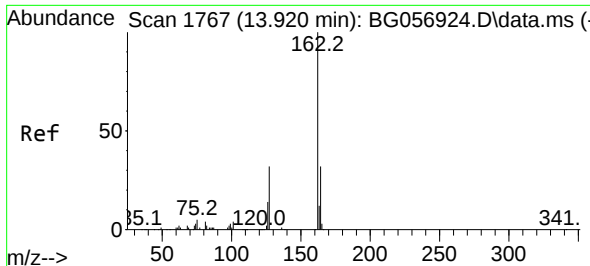


#46
1,1'-Biphenyl
Concen: 51.230 ng
RT: 13.855 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



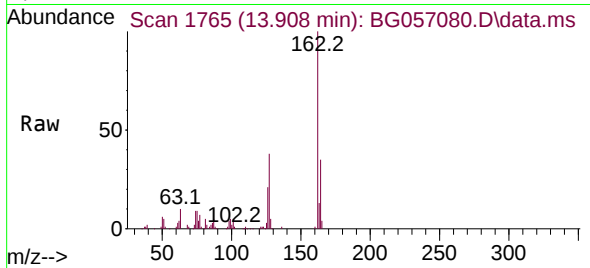
Tgt Ion:154 Resp: 158448
Ion Ratio Lower Upper
154 100
153 44.2 23.4 63.4
76 13.4 0.0 31.6





#47
2-Chloronaphthalene
Concen: 53.172 ng
RT: 13.908 min Scan# 1765
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

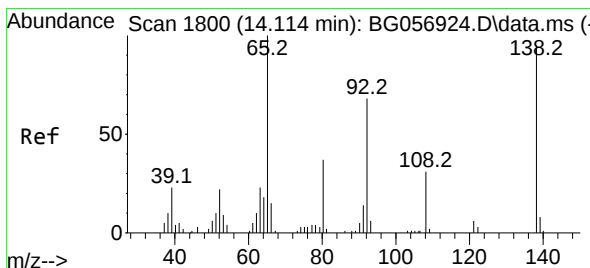
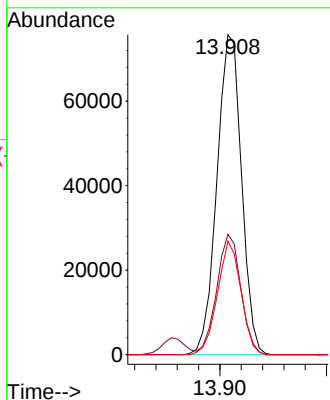
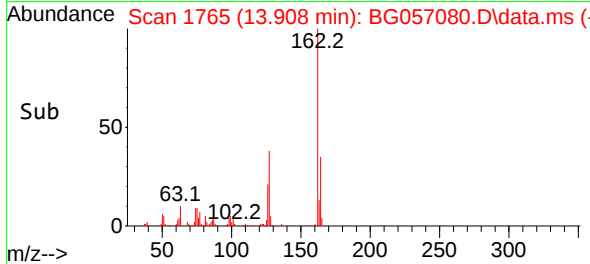
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:162 Resp: 121636
Ion Ratio Lower Upper
162 100
127 37.6 29.5 44.3
164 35.4 25.5 38.3

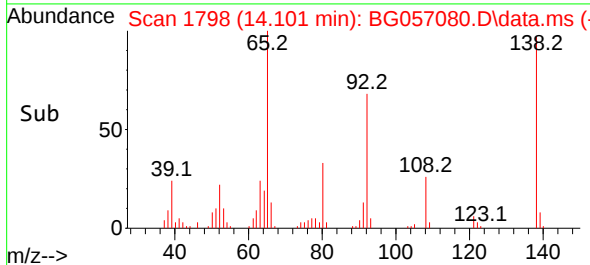
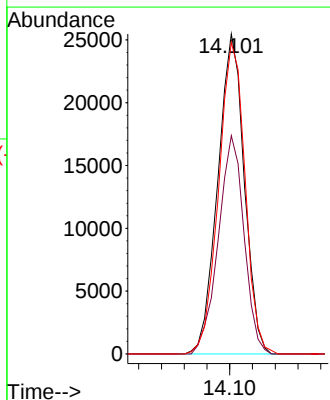
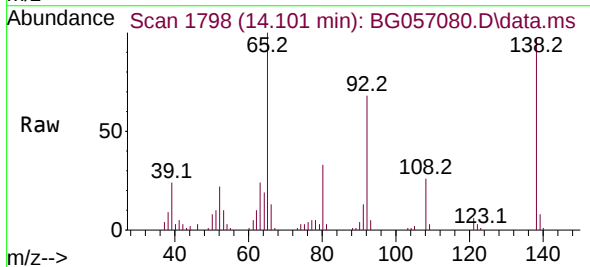
Manual Integrations
APPROVED

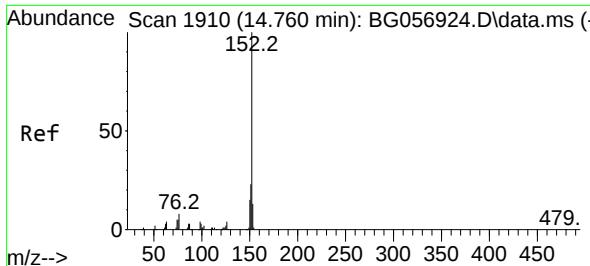
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#48
2-Nitroaniline
Concen: 50.292 ng
RT: 14.101 min Scan# 1798
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

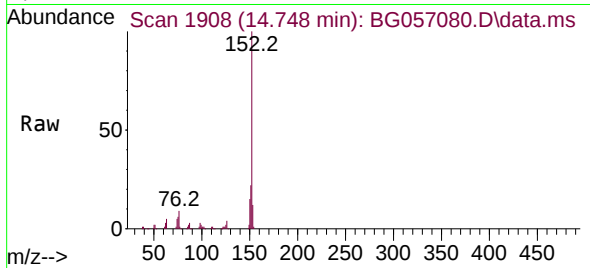
Tgt Ion: 65 Resp: 41136
Ion Ratio Lower Upper
65 100
92 68.2 54.3 81.5
138 97.4 76.0 114.0





#49
Acenaphthylene
Concen: 50.145 ng
RT: 14.748 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

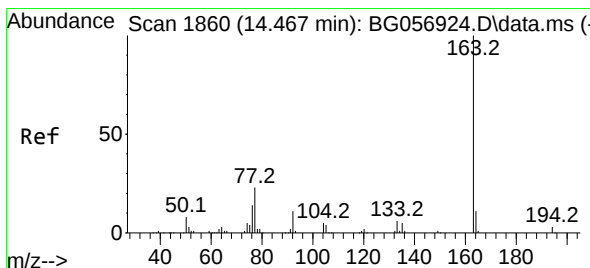
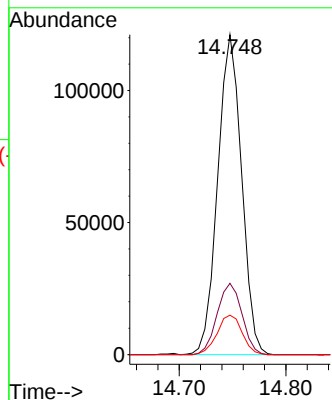
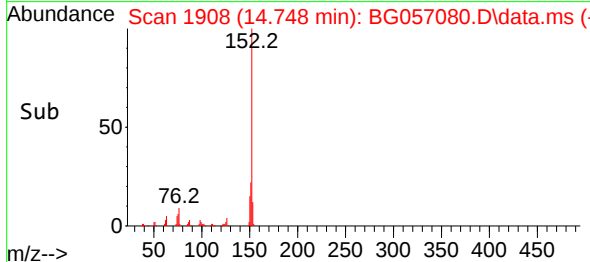
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



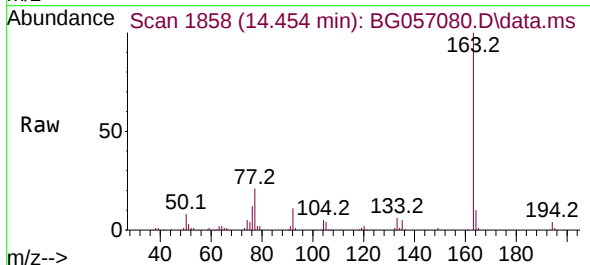
Tgt Ion:152 Resp: 188463
Ion Ratio Lower Upper
152 100
151 22.3 18.2 27.2
153 12.3 10.5 15.7

Manual Integrations
APPROVED

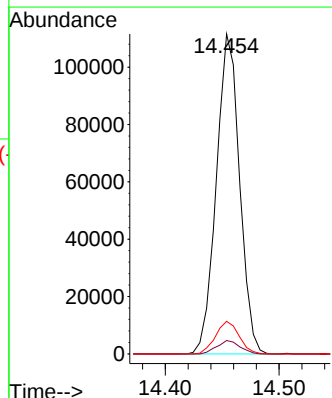
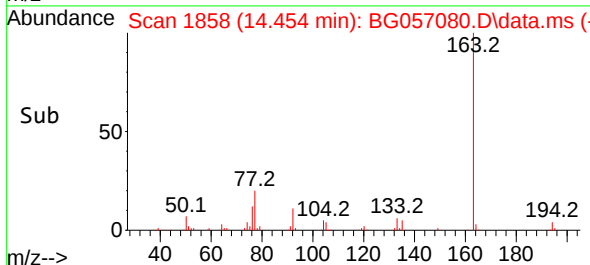
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

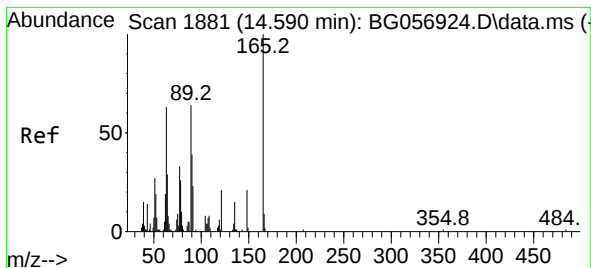


#50
Dimethylphthalate
Concen: 47.564 ng
RT: 14.454 min Scan# 1858
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



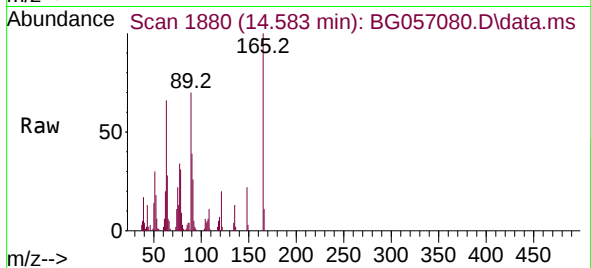
Tgt Ion:163 Resp: 158346
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2
164 10.2 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 48.011 ng
RT: 14.583 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

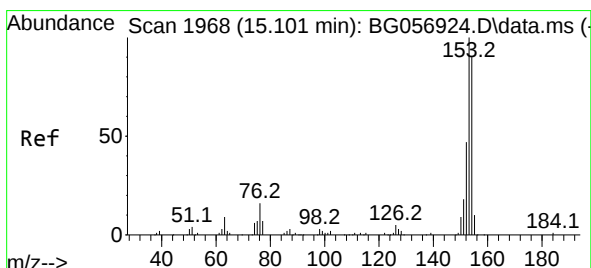
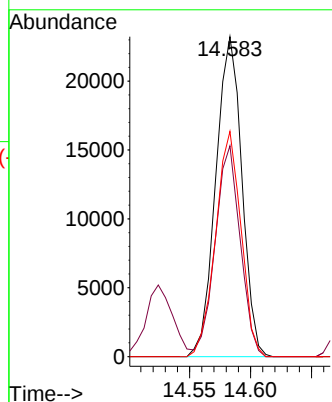
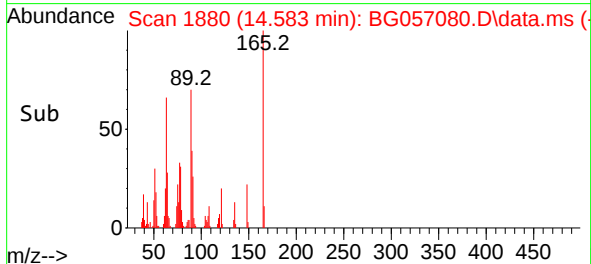
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:165 Resp: 34533
Ion Ratio Lower Upper
165 100
63 65.9 53.0 79.6
89 70.4 51.0 76.4

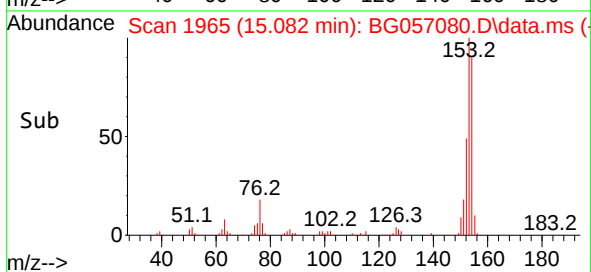
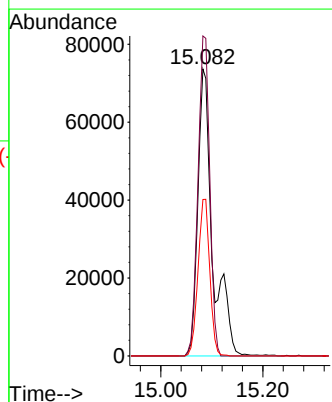
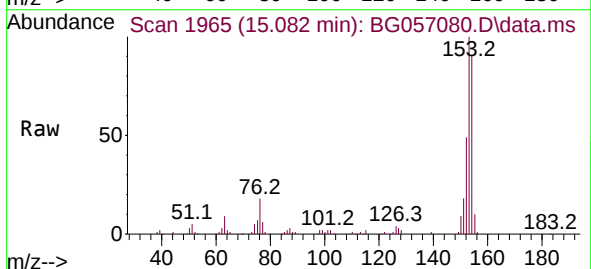
Manual Integrations
APPROVED

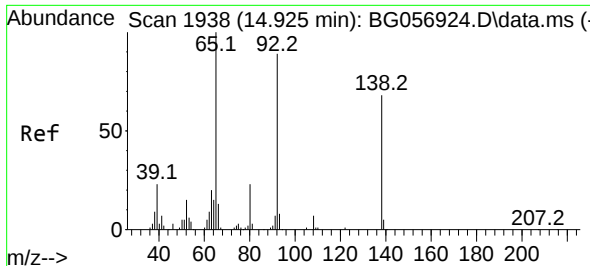
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#52
Acenaphthene
Concen: 57.412 ng m
RT: 15.082 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

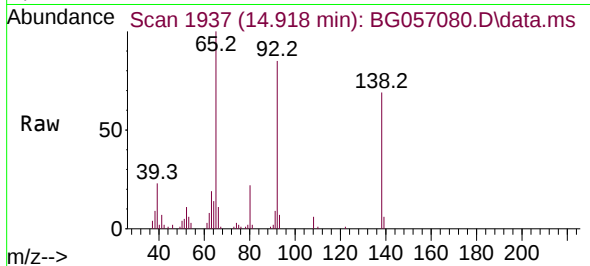
Tgt Ion:154 Resp: 148816
Ion Ratio Lower Upper
154 100
153 111.6 88.9 133.3
152 54.5 41.8 62.8





#53
3-Nitroaniline
Concen: 37.601 ng
RT: 14.918 min Scan# 1937
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

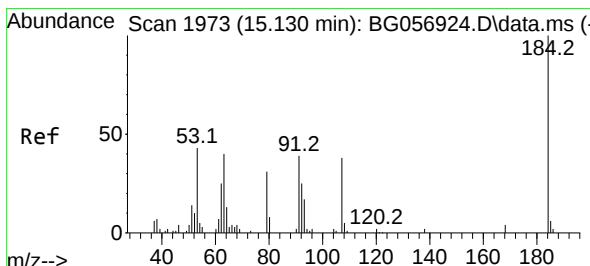
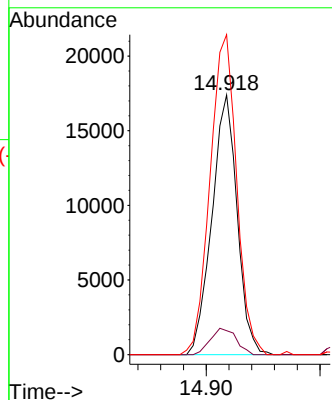
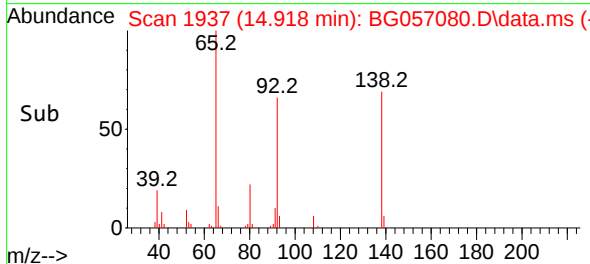
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



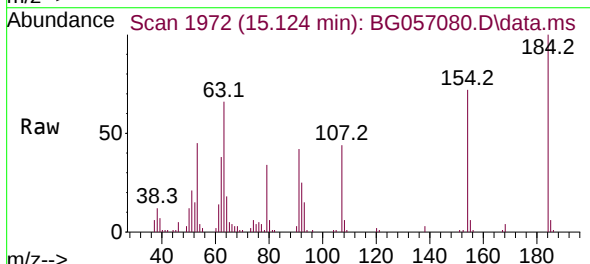
Tgt Ion:138 Resp: 26770
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.2
92 123.3 105.2 157.8

Manual Integrations
APPROVED

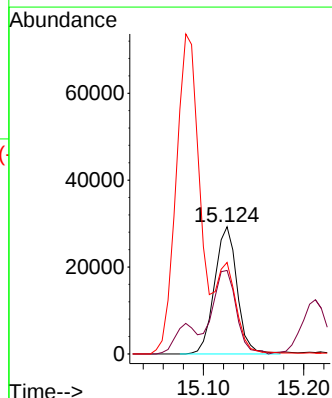
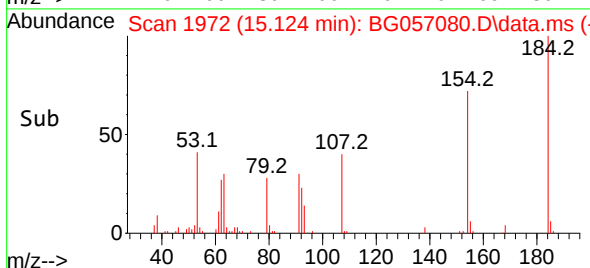
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

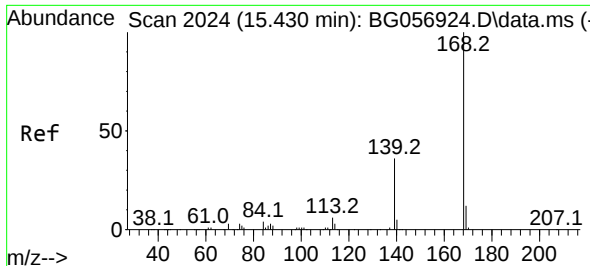


#54
2,4-Dinitrophenol
Concen: 112.832 ng
RT: 15.124 min Scan# 1972
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



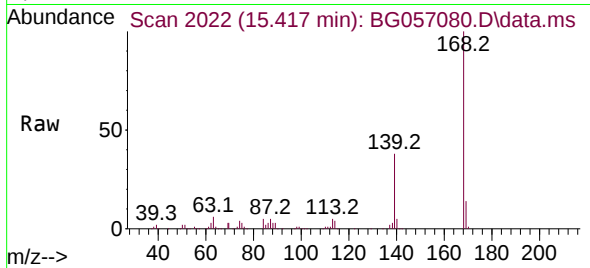
Tgt Ion:184 Resp: 45681
Ion Ratio Lower Upper
184 100
63 65.6 46.5 69.7
154 71.9 53.5 80.3





#55
Dibenzenofuran
Concen: 48.924 ng
RT: 15.417 min Scan# 2024
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

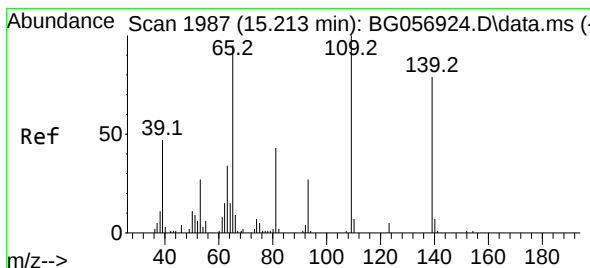
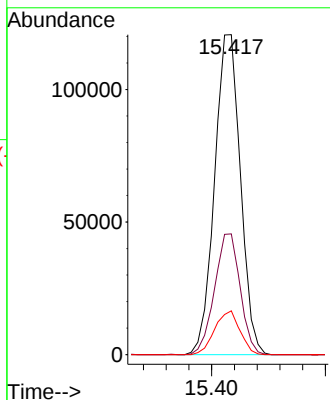
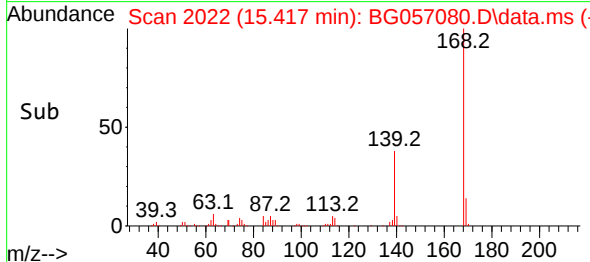
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:168 Resp: 190336
Ion Ratio Lower Upper
168 100
139 37.7 28.9 43.3
169 13.7 9.8 14.6

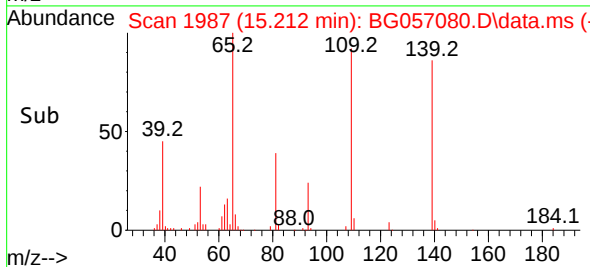
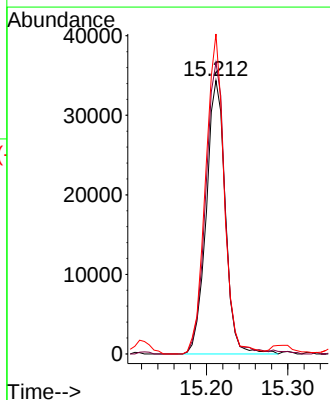
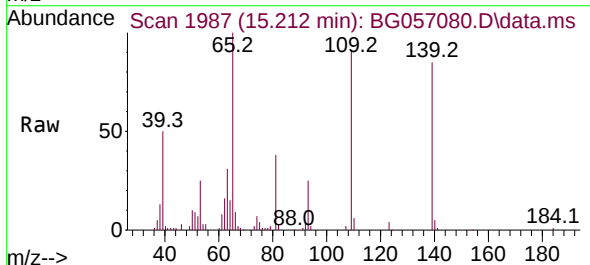
Manual Integrations
APPROVED

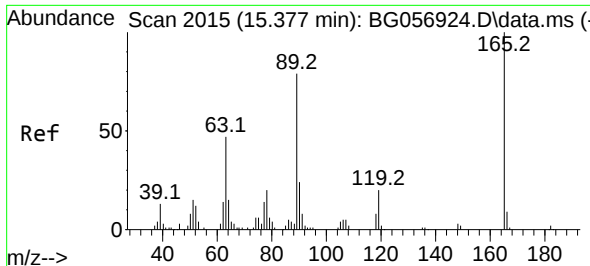
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#56
4-Nitrophenol
Concen: 106.667 ng
RT: 15.212 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

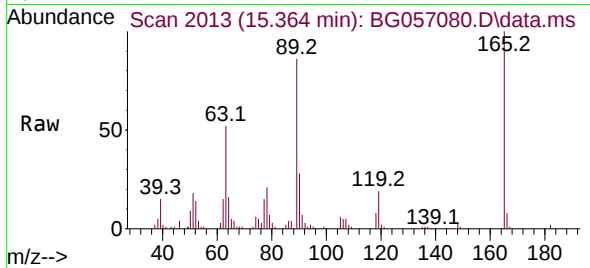
Tgt Ion:139 Resp: 56157
Ion Ratio Lower Upper
139 100
109 106.6 106.7 146.7#
65 117.0 100.5 140.5





#57
2,4-Dinitrotoluene
Concen: 48.157 ng
RT: 15.364 min Scan# 2013
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

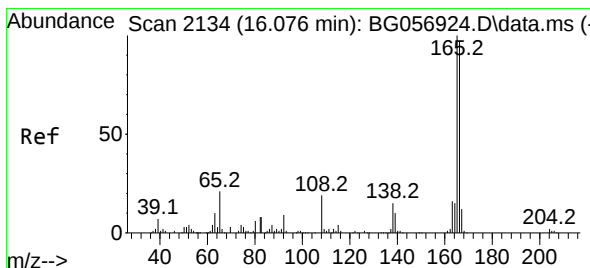
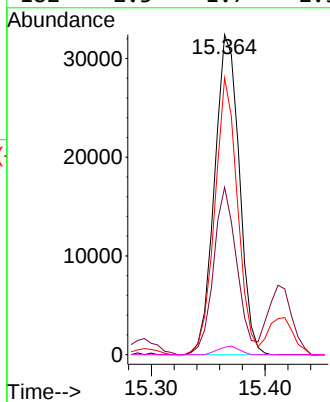
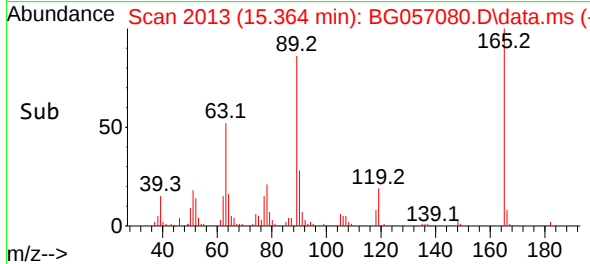
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:165 Resp: 48854
Ion Ratio Lower Upper
165 100
63 52.3 37.7 56.5
89 86.5 63.2 94.8
182 2.3 1.7 2.5

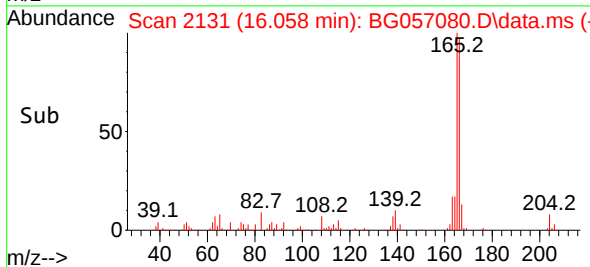
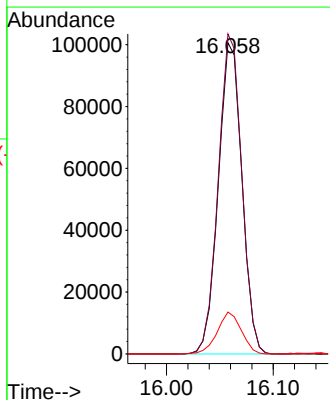
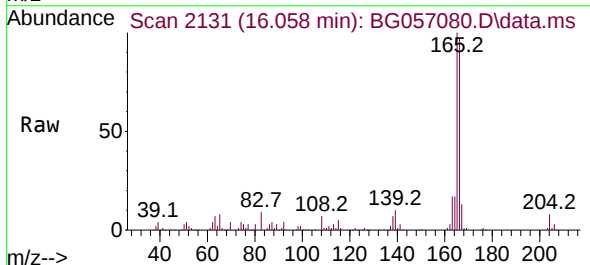
Manual Integrations
APPROVED

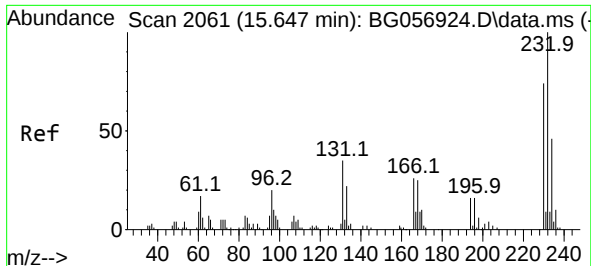
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#58
Fluorene
Concen: 48.109 ng
RT: 16.058 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

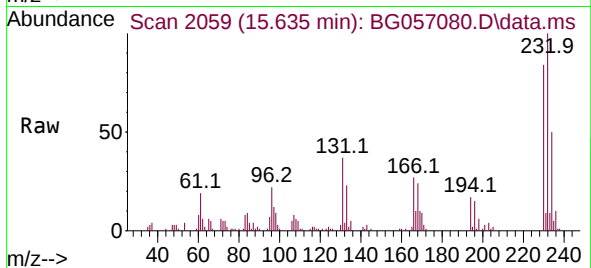
Tgt Ion:166 Resp: 154875
Ion Ratio Lower Upper
166 100
165 102.9 82.6 123.8
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.638 ng
RT: 15.635 min Scan# 2059
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

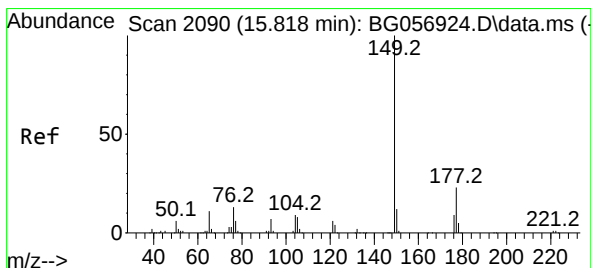
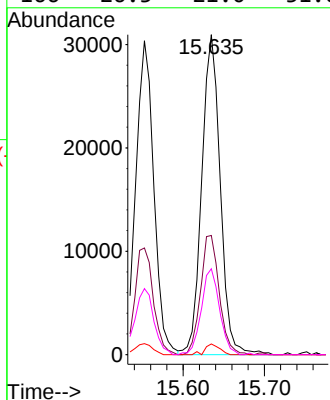
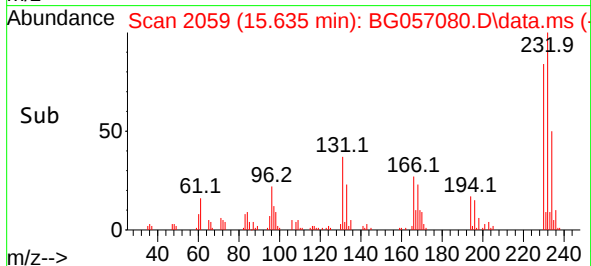
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



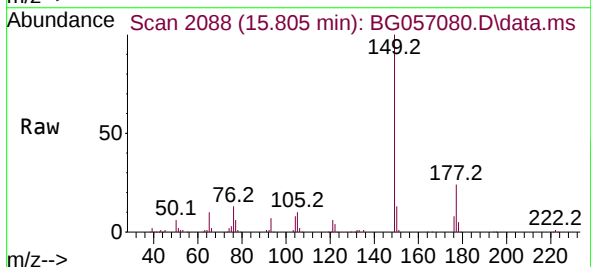
Tgt Ion:232 Resp: 49050
Ion Ratio Lower Upper
232 100
131 37.6 29.3 43.9
130 2.6 1.7 2.5
166 26.3 21.0 31.6

Manual Integrations
APPROVED

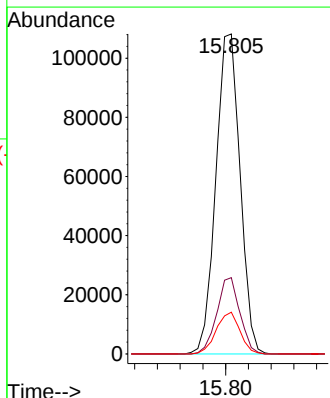
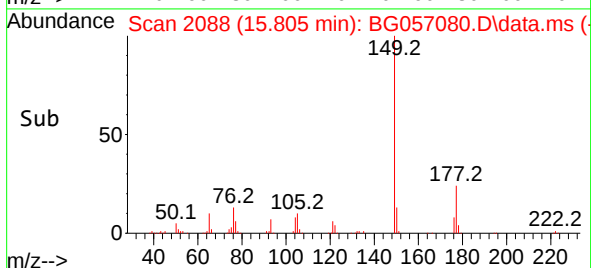
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

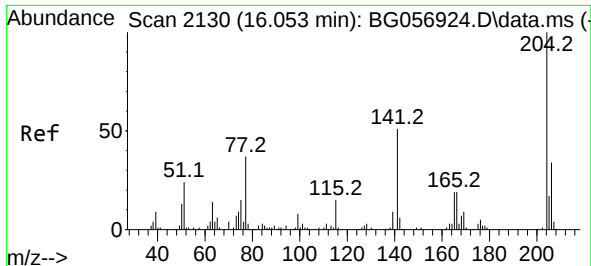


#60
Diethylphthalate
Concen: 47.864 ng
RT: 15.805 min Scan# 2088
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



Tgt Ion:149 Resp: 159740
Ion Ratio Lower Upper
149 100
177 23.8 18.8 28.2
150 13.0 9.4 14.2





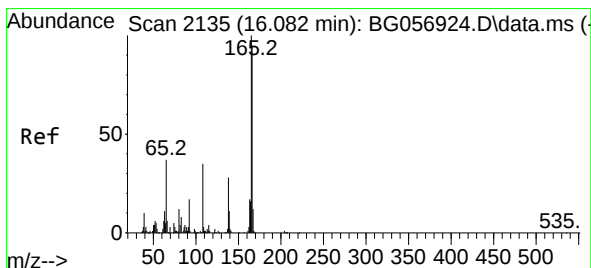
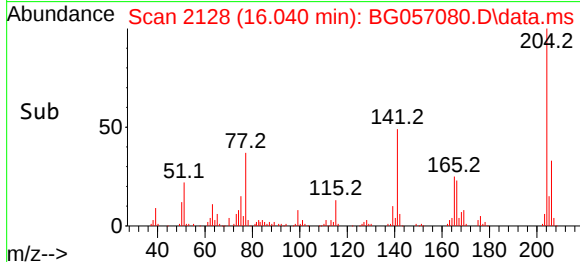
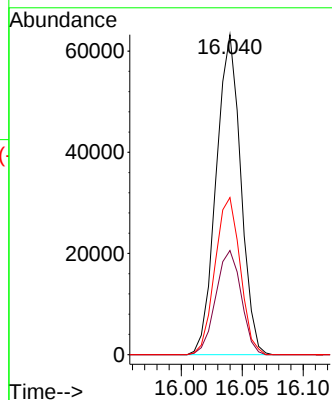
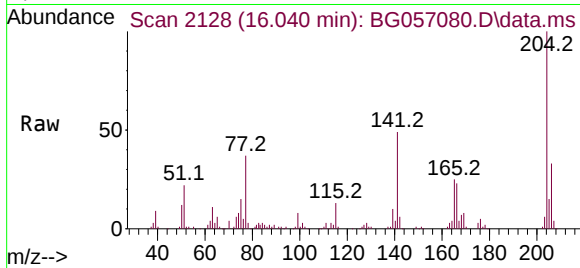
#61
4-Chlorophenyl-phenylether
Concen: 46.946 ng
RT: 16.040 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS

Tgt Ion:204 Resp: 88733
Ion Ratio Lower Upper
204 100
206 32.5 27.2 40.8
141 49.1 40.7 61.1

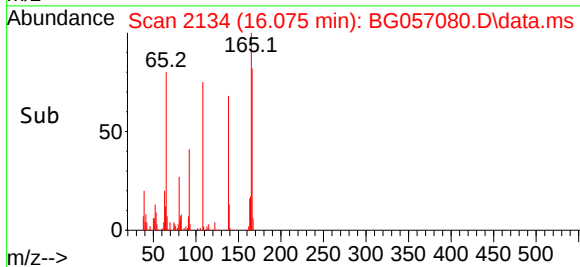
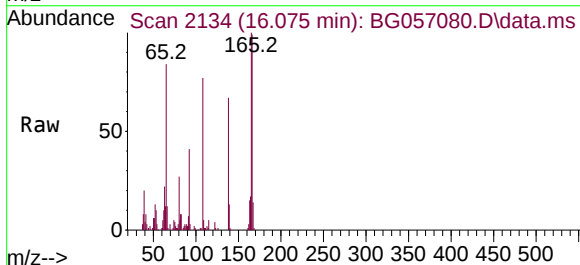
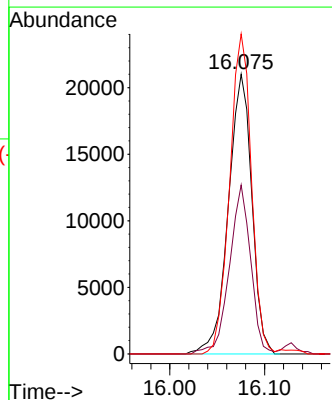
Manual Integrations
APPROVED

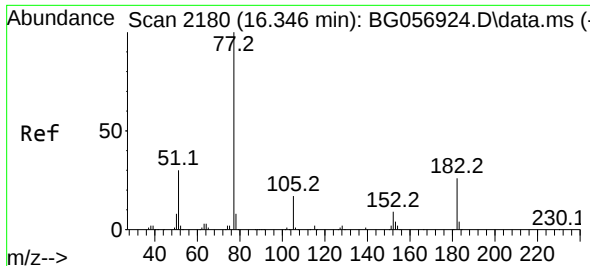
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#62
4-Nitroaniline
Concen: 48.753 ng
RT: 16.075 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

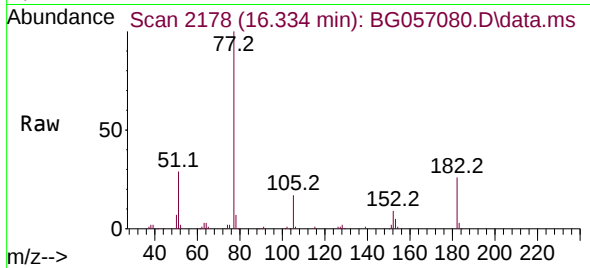
Tgt Ion:138 Resp: 35962
Ion Ratio Lower Upper
138 100
92 60.4 40.9 80.9
108 114.4 104.3 144.3





#63
Azobenzene
Concen: 50.433 ng
RT: 16.334 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

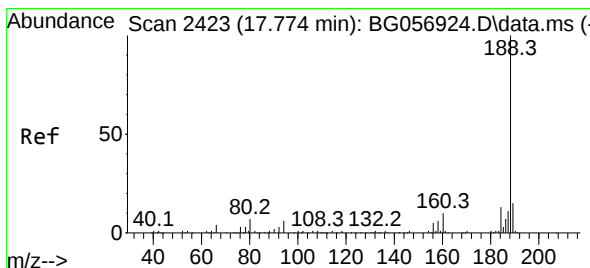
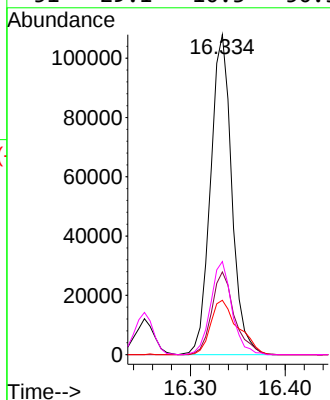
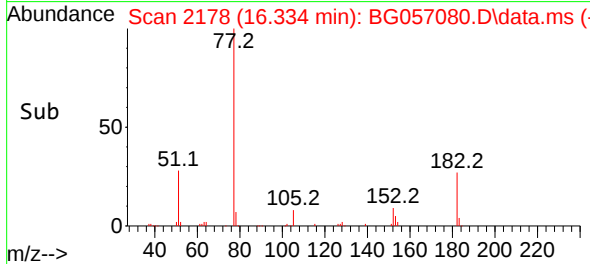
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion: 77 Resp: 16774
Ion Ratio Lower Upper
77 100
182 25.8 5.9 45.9
105 17.0 0.0 36.8
51 29.1 10.3 50.3

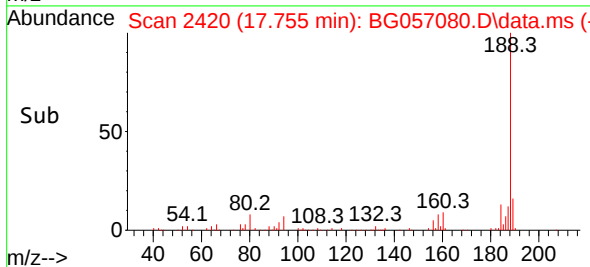
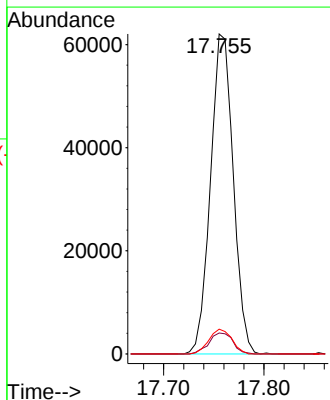
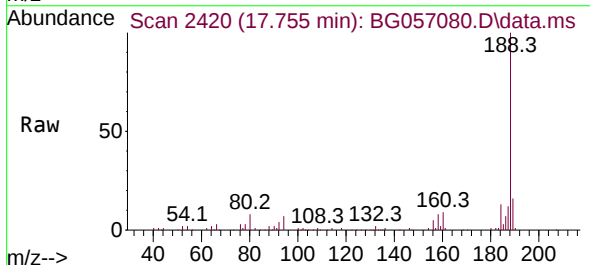
Manual Integrations
APPROVED

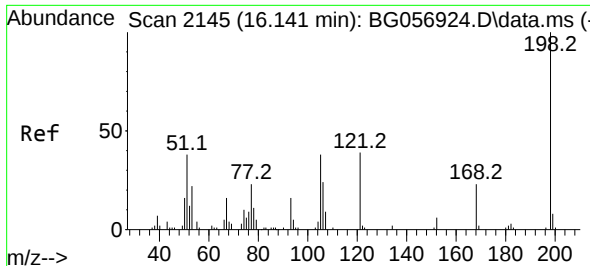
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.755 min Scan# 2420
Delta R.T. -0.008 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

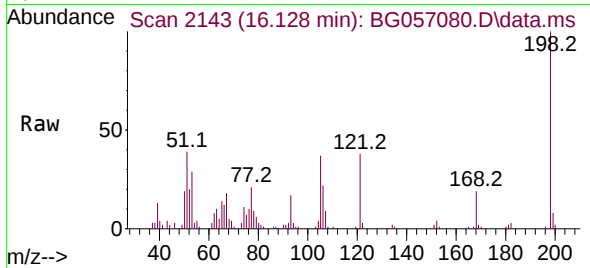
Tgt Ion:188 Resp: 97800
Ion Ratio Lower Upper
188 100
94 6.5 4.6 6.8
80 7.7 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 57.923 ng
RT: 16.128 min Scan# 2143
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

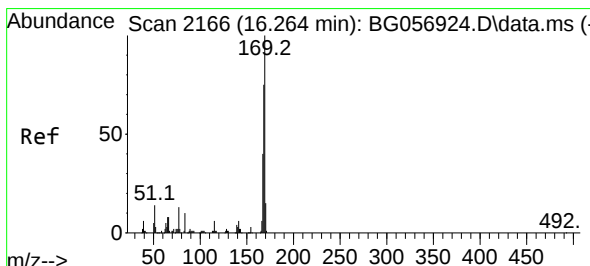
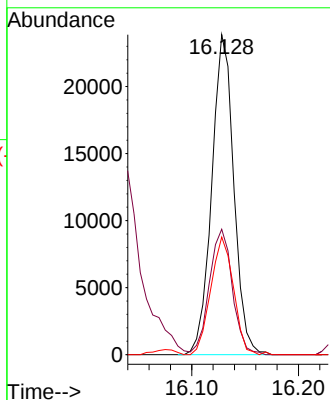
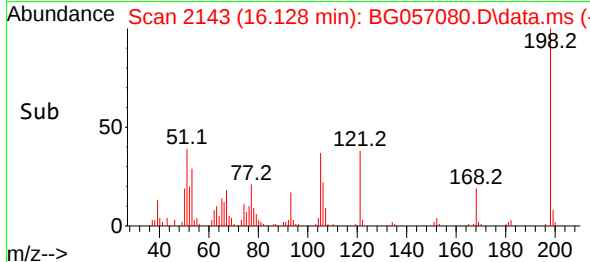
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:198 Resp: 34309
Ion Ratio Lower Upper
198 100
51 39.2 20.5 60.5
105 36.7 18.1 58.1

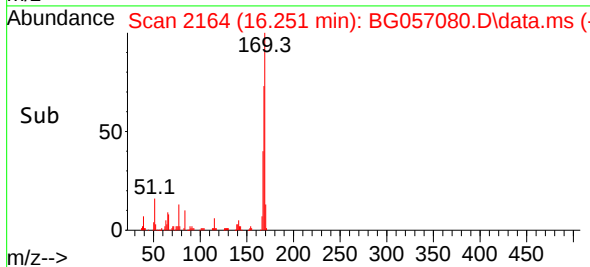
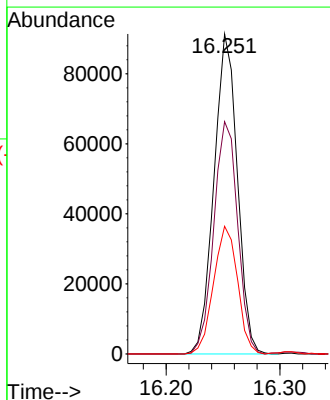
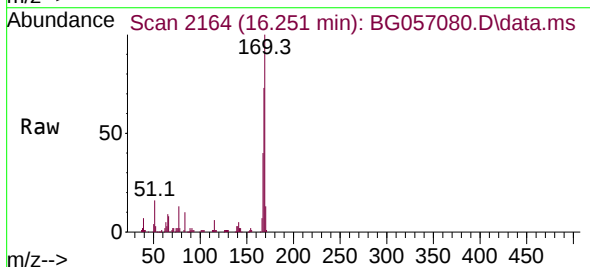
Manual Integrations
APPROVED

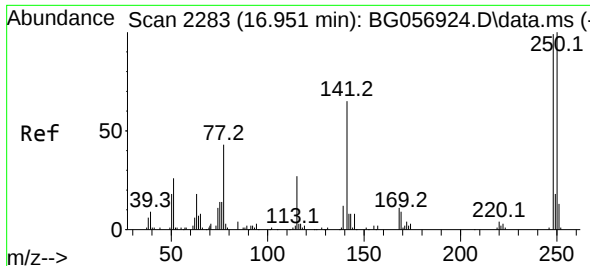
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#66
n-Nitrosodiphenylamine
Concen: 49.678 ng
RT: 16.251 min Scan# 2164
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

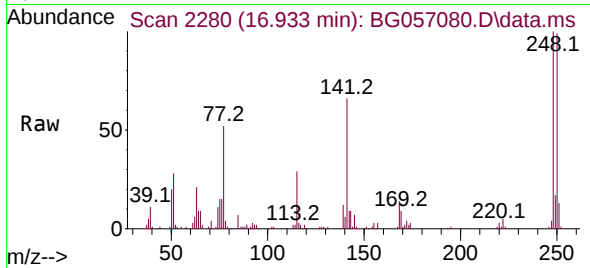
Tgt Ion:169 Resp: 130422
Ion Ratio Lower Upper
169 100
168 72.6 59.6 89.4
167 39.9 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 47.916 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

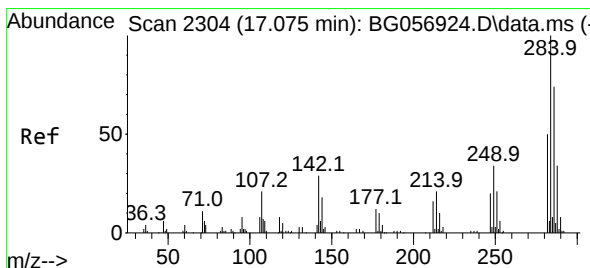
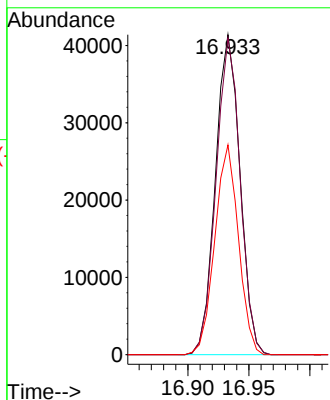
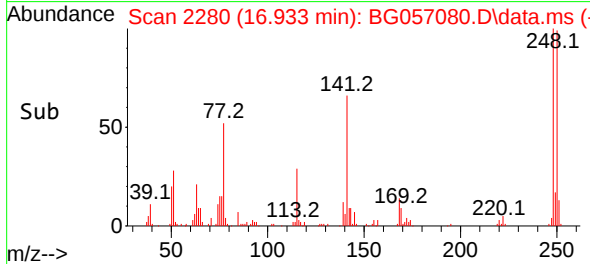
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



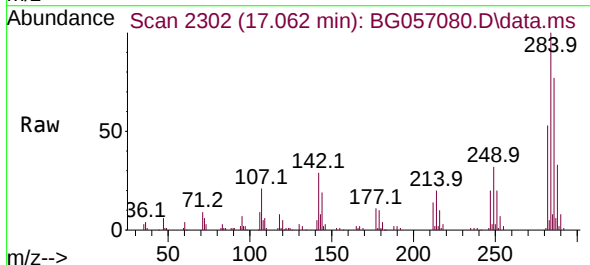
Tgt Ion:248 Resp: 57983
Ion Ratio Lower Upper
248 100
250 98.9 80.5 120.7
141 65.5 52.0 78.0

Manual Integrations
APPROVED

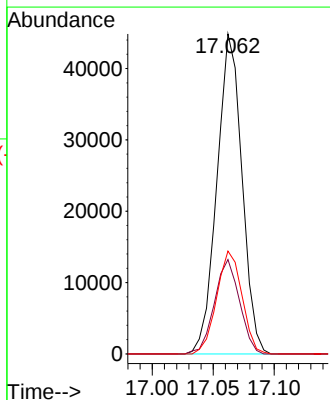
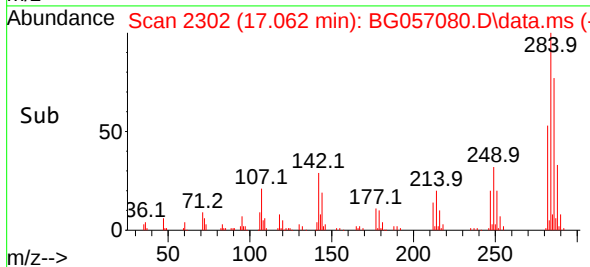
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

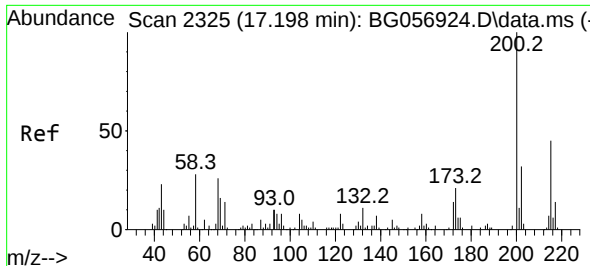


#68
Hexachlorobenzene
Concen: 53.489 ng
RT: 17.062 min Scan# 2302
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



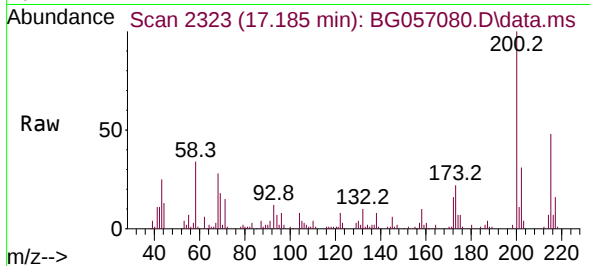
Tgt Ion:284 Resp: 63993
Ion Ratio Lower Upper
284 100
142 29.5 23.0 34.4
249 32.1 27.1 40.7





#69
 Atrazine
 Concen: 54.733 ng
 RT: 17.185 min Scan# 2323
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

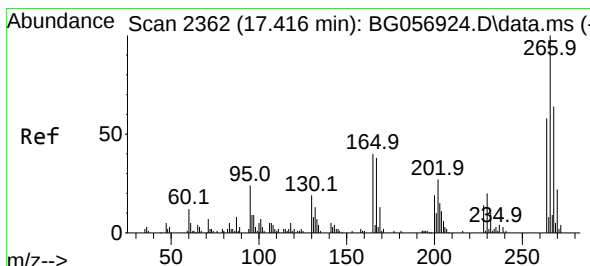
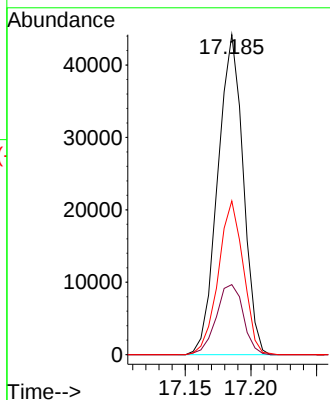
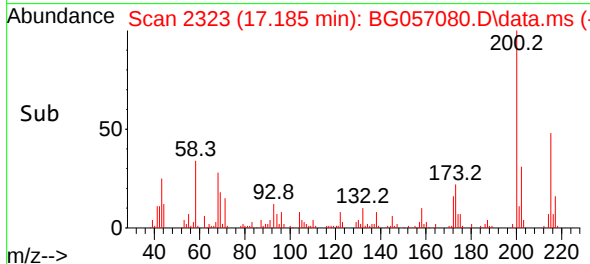
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS



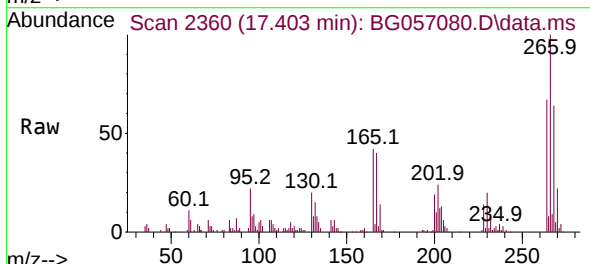
Tgt Ion:200 Resp: 59648
 Ion Ratio Lower Upper
 200 100
 173 21.9 1.0 41.0
 215 48.0 25.0 65.0

Manual Integrations
 APPROVED

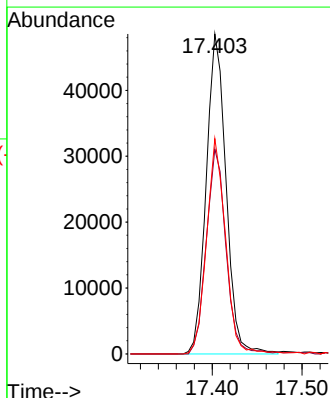
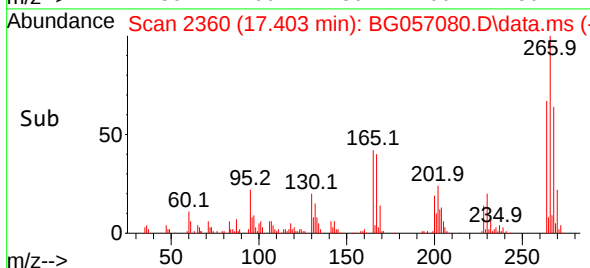
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023

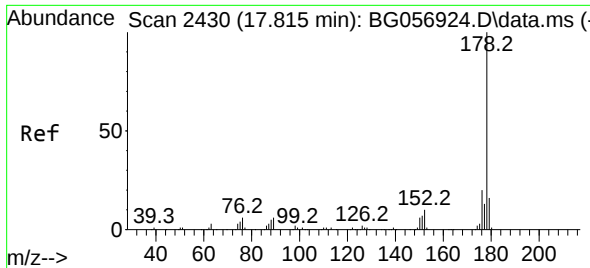


#70
 Pentachlorophenol
 Concen: 86.777 ng
 RT: 17.403 min Scan# 2360
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24



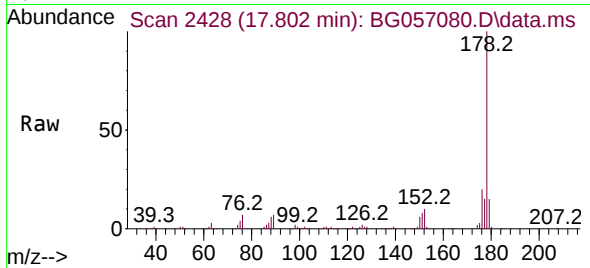
Tgt Ion:266 Resp: 74480
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 67.3 46.8 70.2





#71
Phenanthrene
Concen: 49.354 ng
RT: 17.802 min Scan# 2428
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

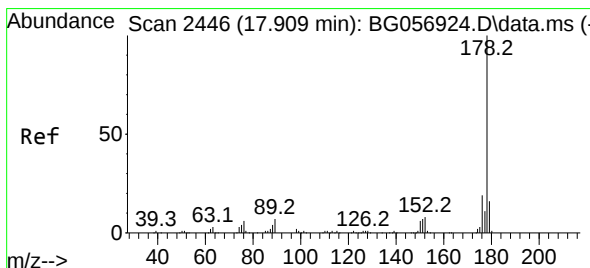
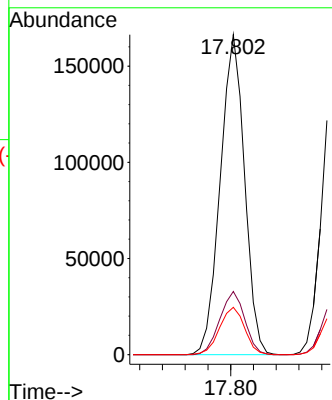
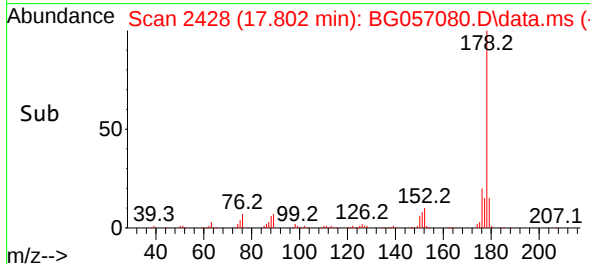
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:178 Resp: 246094
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.2
179 14.8 12.5 18.7

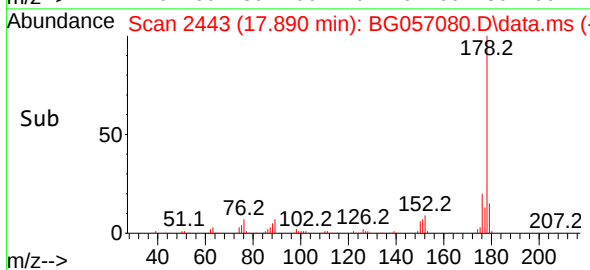
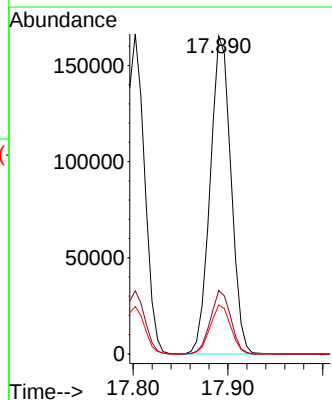
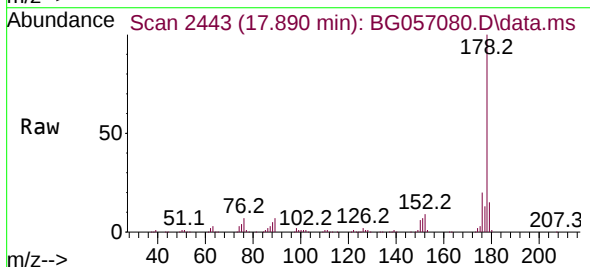
Manual Integrations
APPROVED

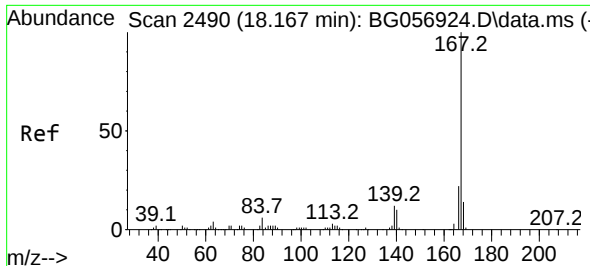
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#72
Anthracene
Concen: 49.313 ng
RT: 17.890 min Scan# 2443
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

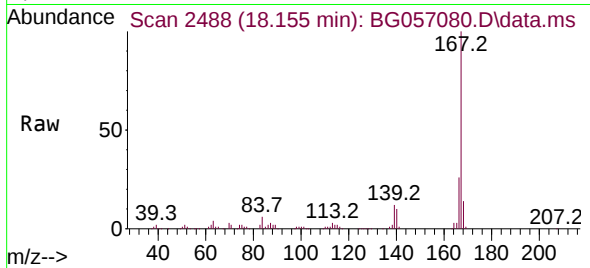
Tgt Ion:178 Resp: 252068
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 50.555 ng
 RT: 18.155 min Scan# 2490
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

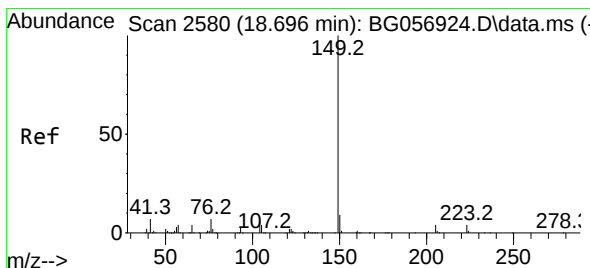
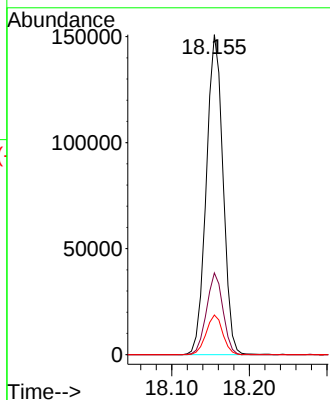
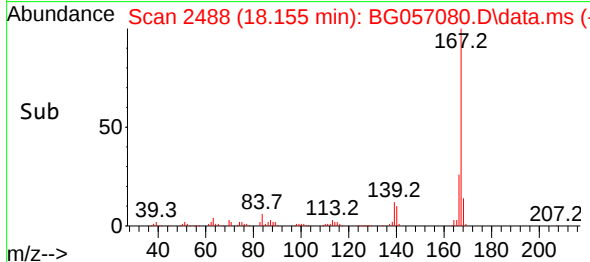
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MS



Tgt Ion:167 Resp: 225307
 Ion Ratio Lower Upper
 167 100
 166 25.5 17.9 26.9
 139 12.4 9.5 14.3

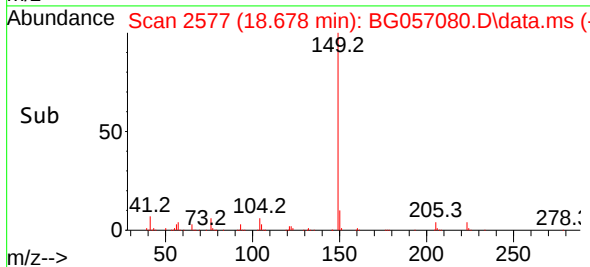
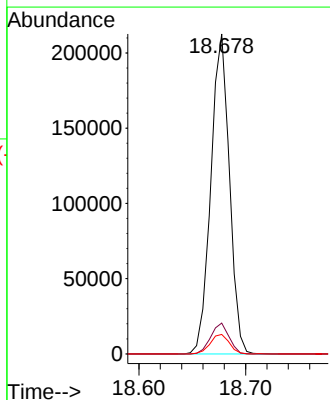
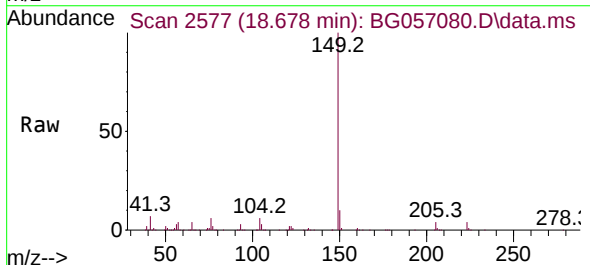
Manual Integrations
 APPROVED

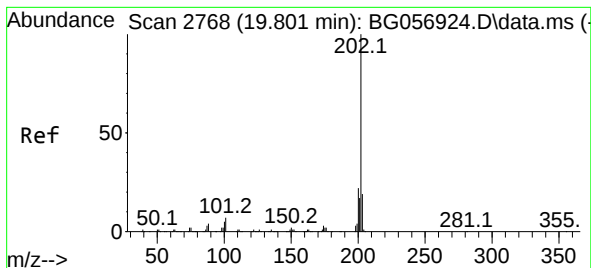
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023



#74
 Di-n-butylphthalate
 Concen: 49.861 ng
 RT: 18.678 min Scan# 2577
 Delta R.T. -0.002 min
 Lab File: BG057080.D
 Acq: 13 Apr 2023 13:24

Tgt Ion:149 Resp: 257318
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 6.1 4.9 7.3





#75

Fluoranthene

Concen: 46.143 ng

RT: 19.788 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

Tgt Ion:202 Resp: 291668

Ion Ratio Lower Upper

202 100

101 7.4 0.0 26.7

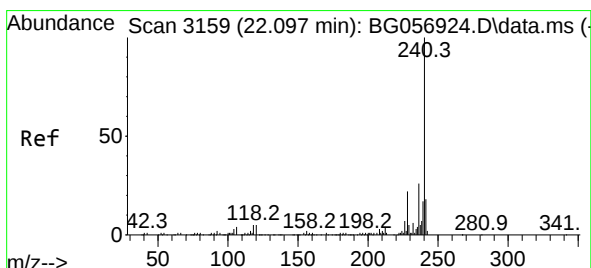
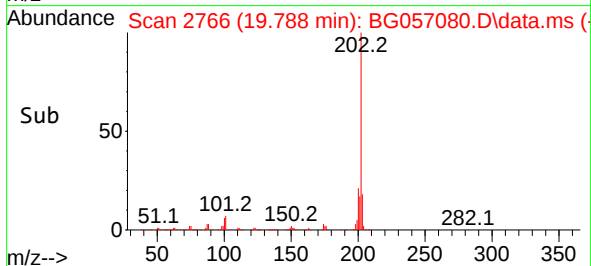
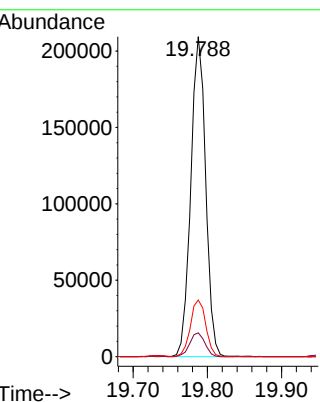
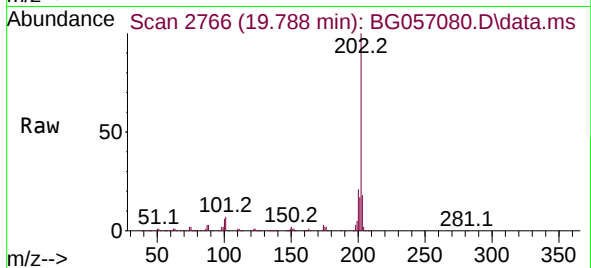
203 17.7 0.0 39.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.079 min Scan# 3156

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

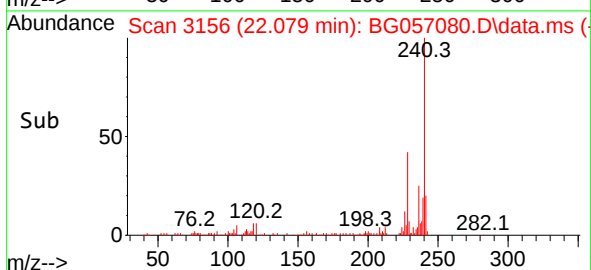
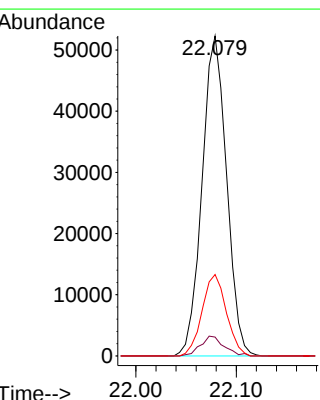
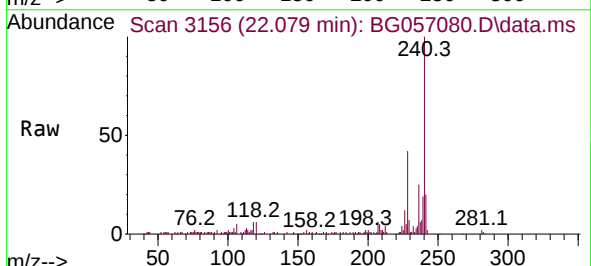
Tgt Ion:240 Resp: 88830

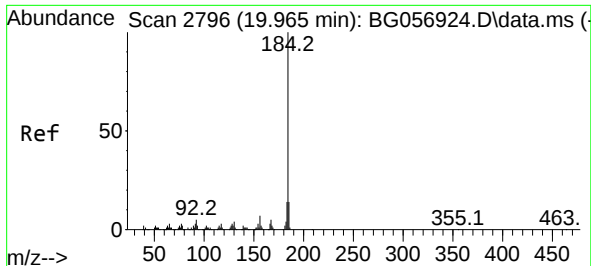
Ion Ratio Lower Upper

240 100

120 5.9 3.8 5.6#

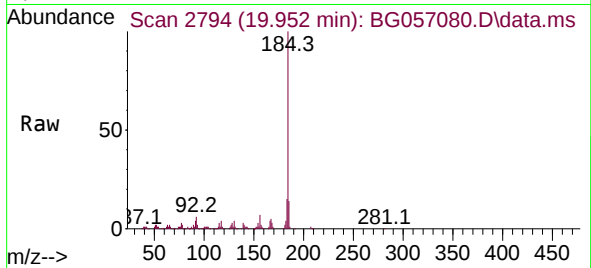
236 25.4 21.0 31.6





#77
Benzidine
Concen: 66.930 ng
RT: 19.952 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

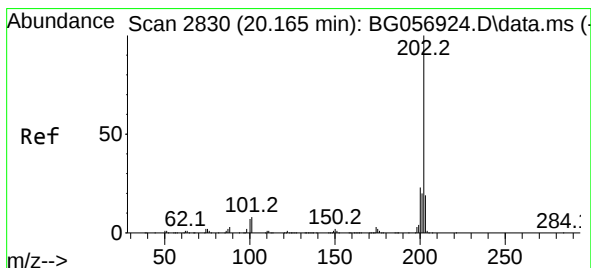
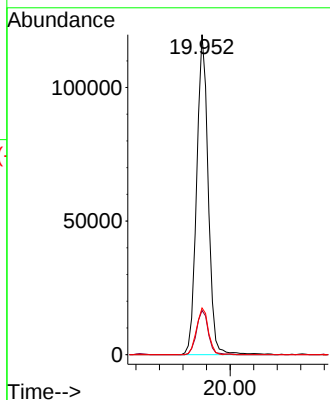
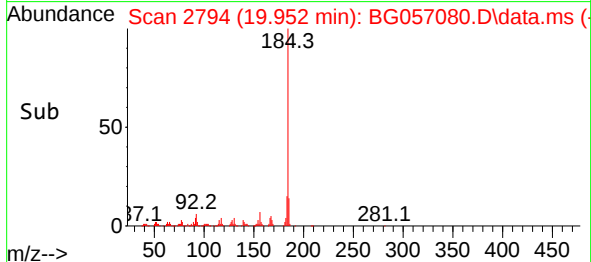
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



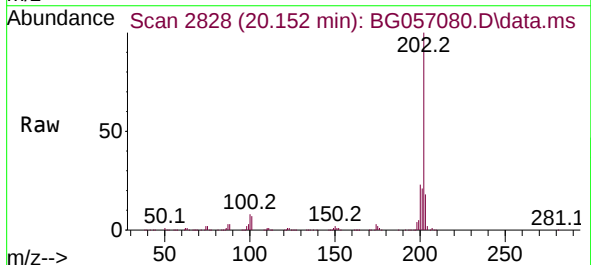
Tgt Ion:184 Resp: 162506
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.4
183 14.6 11.4 17.0

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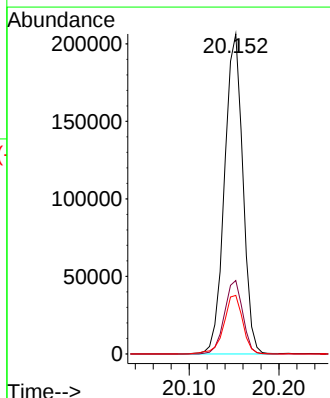
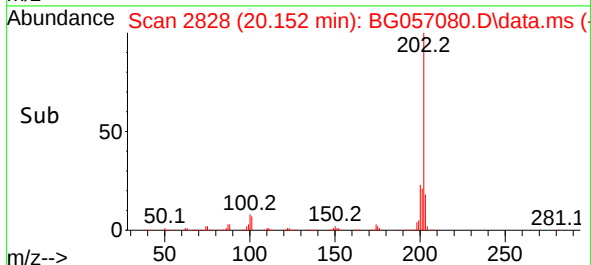
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

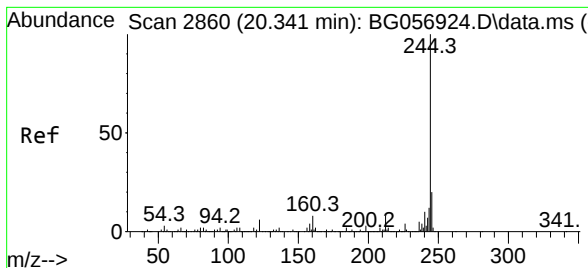


#78
Pyrene
Concen: 47.805 ng
RT: 20.152 min Scan# 2828
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24



Tgt Ion:202 Resp: 293713
Ion Ratio Lower Upper
202 100
200 22.9 18.7 28.1
203 18.3 15.4 23.2





#79

Terphenyl-d14

Concen: 78.531 ng

RT: 20.328 min Scan# 2858

Delta R.T. 0.004 min

Lab File: BG057080.D

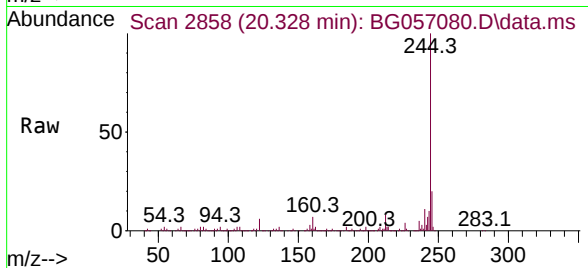
Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS



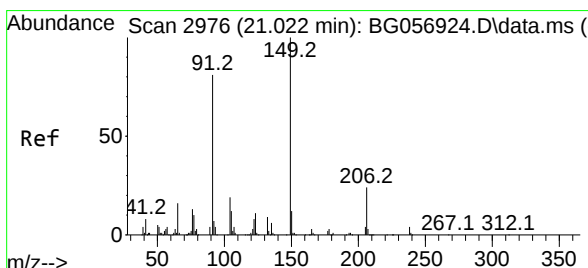
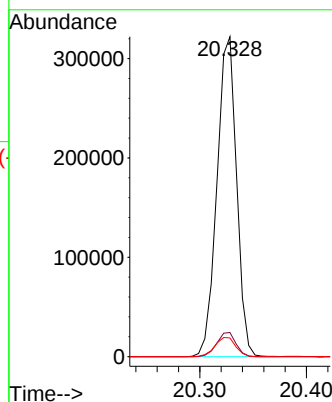
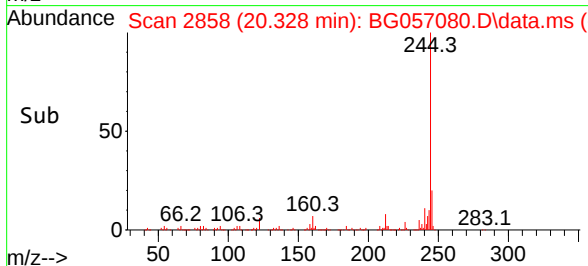
Tgt Ion:244 Resp: 412248

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	5.8	5.0	7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#80

Butylbenzylphthalate

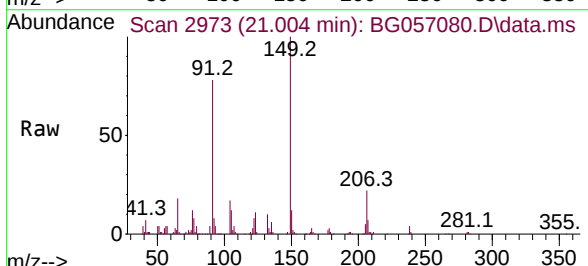
Concen: 51.896 ng

RT: 21.004 min Scan# 2973

Delta R.T. -0.002 min

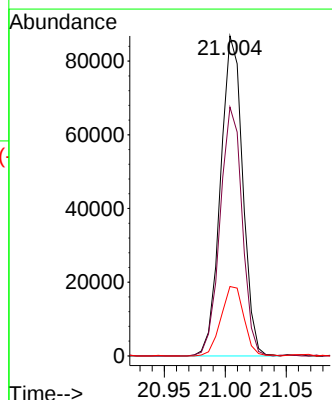
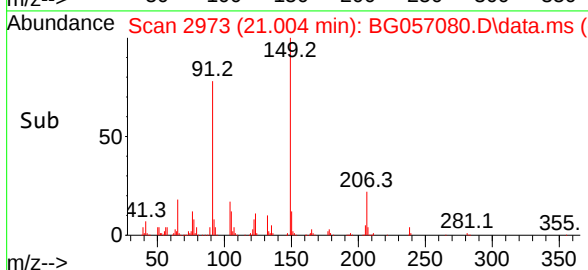
Lab File: BG057080.D

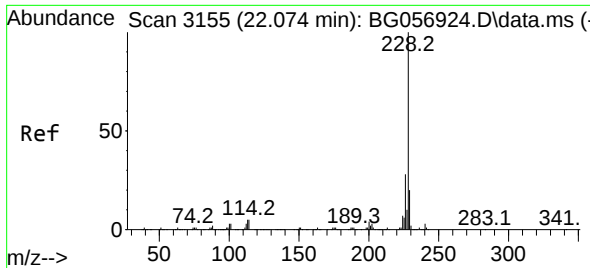
Acq: 13 Apr 2023 13:24



Tgt Ion:149 Resp: 109720

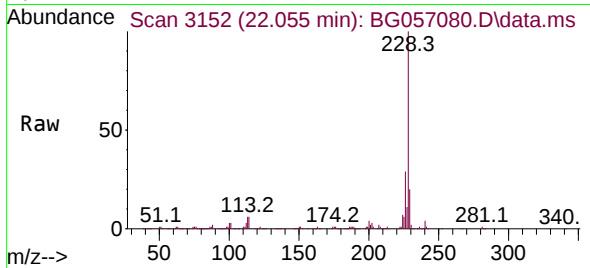
Ion	Ratio	Lower	Upper
149	100		
91	77.7	64.4	96.6
206	21.7	18.9	28.3





#81
Benzo(a)anthracene
Concen: 47.894 ng
RT: 22.055 min Scan# 3152
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

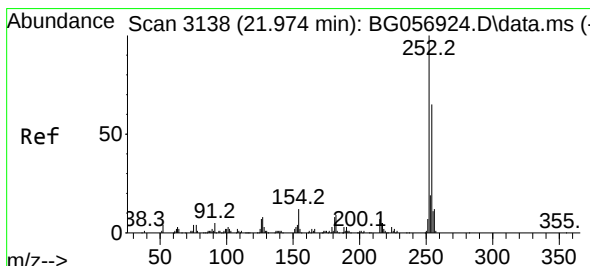
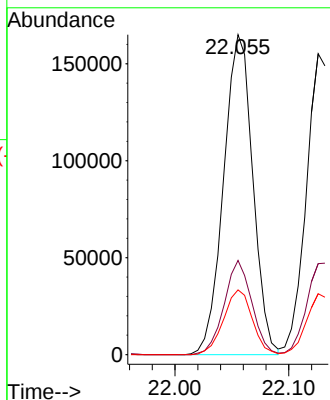
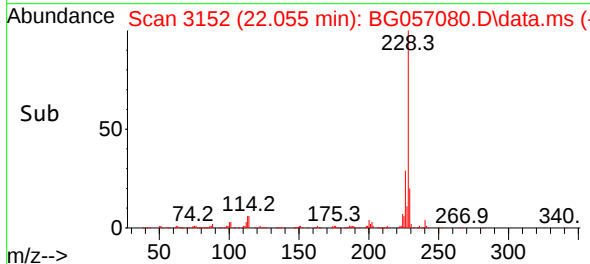
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:228 Resp: 294406
Ion Ratio Lower Upper
228 100
226 29.4 22.1 33.1
229 20.2 16.1 24.1

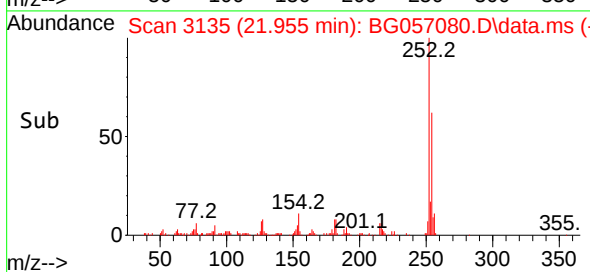
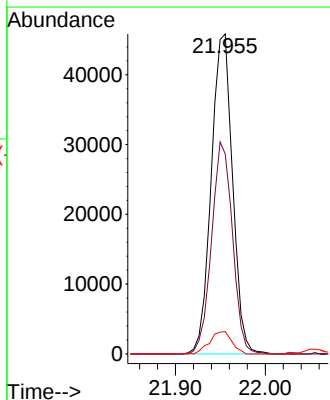
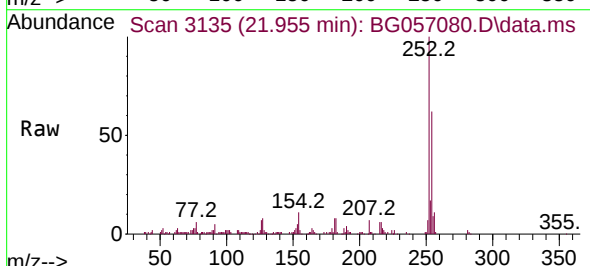
Manual Integrations
APPROVED

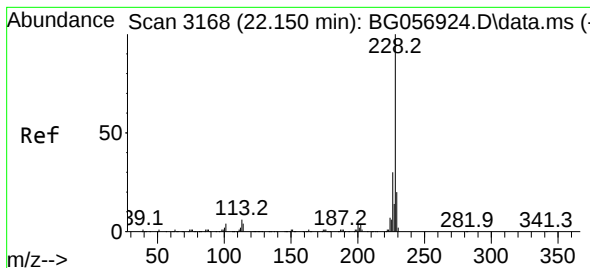
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.566 ng
RT: 21.955 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:252 Resp: 75900
Ion Ratio Lower Upper
252 100
254 62.5 51.7 77.5
126 7.0 5.6 8.4





#83

Chrysene

Concen: 47.095 ng

RT: 22.126 min Scan# 3164

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS

Tgt Ion:228 Resp: 271060

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

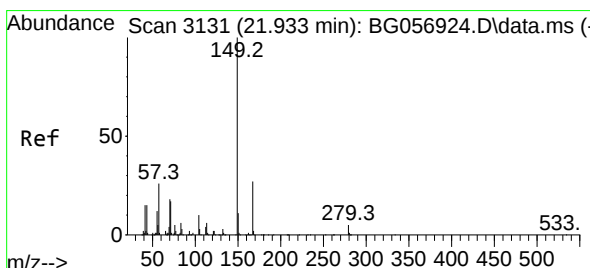
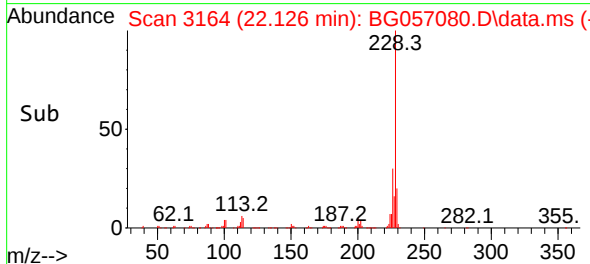
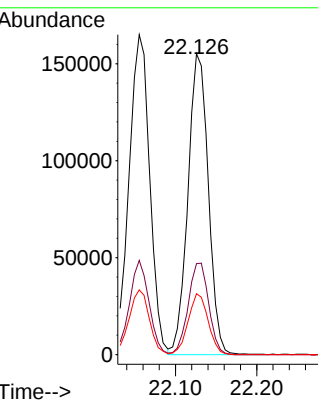
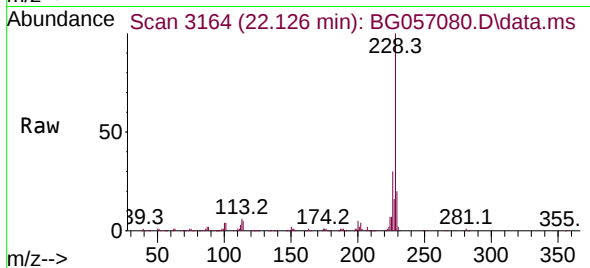
229 20.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.747 ng

RT: 21.908 min Scan# 3127

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

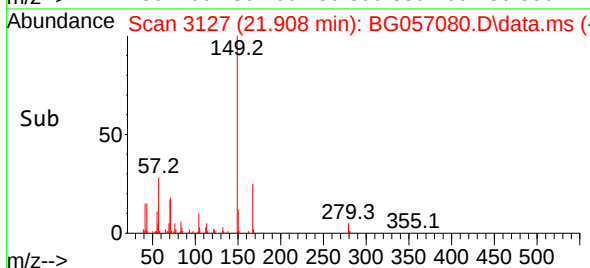
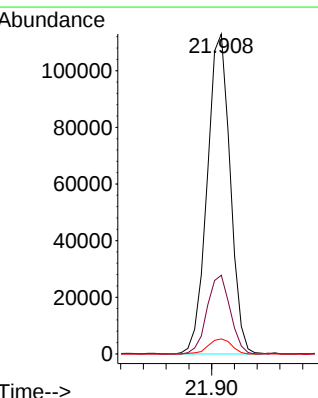
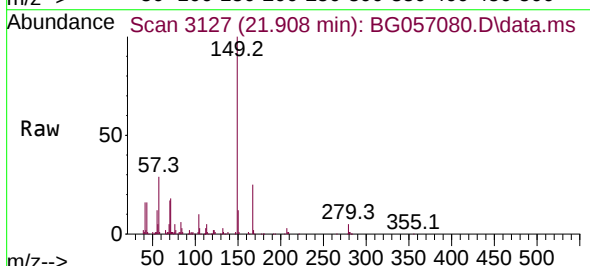
Tgt Ion:149 Resp: 158422

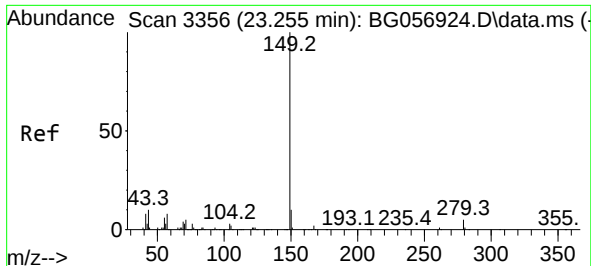
Ion Ratio Lower Upper

149 100

167 24.6 21.4 32.2

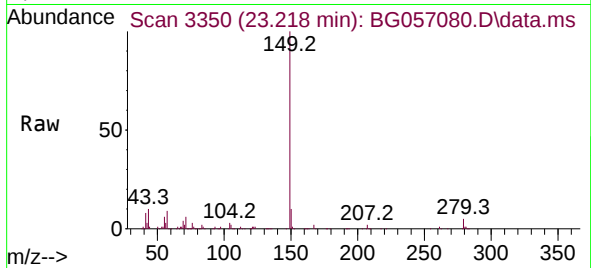
279 4.7 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 52.429 ng
RT: 23.218 min Scan# 3356
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

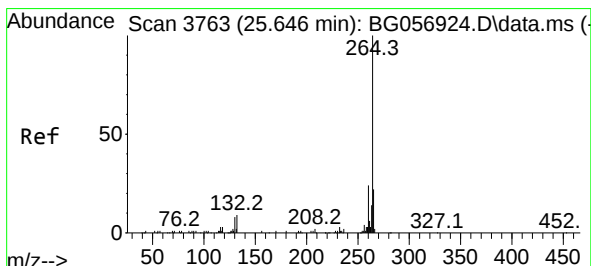
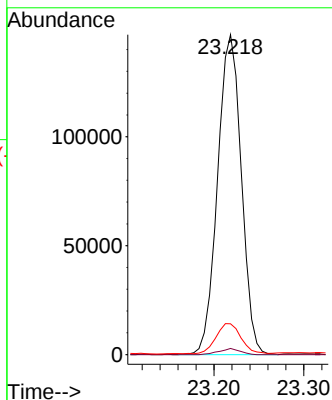
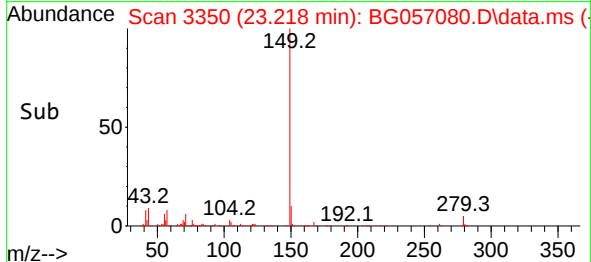
Instrument : BNA_G
ClientSampleId : IDW-SO-VB3-041123MS



Tgt Ion:149 Resp: 270489
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.8 7.9 11.9

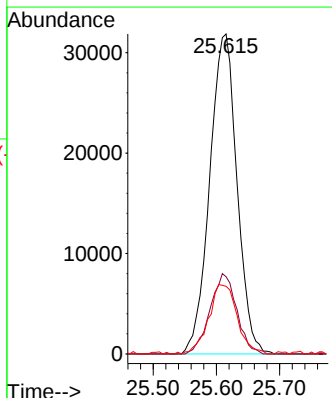
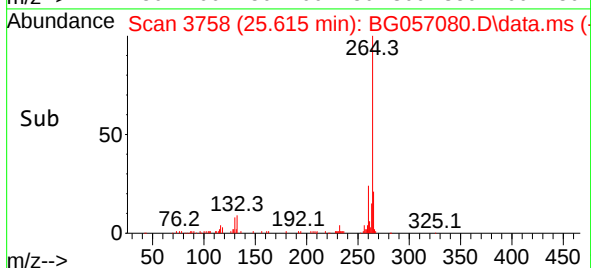
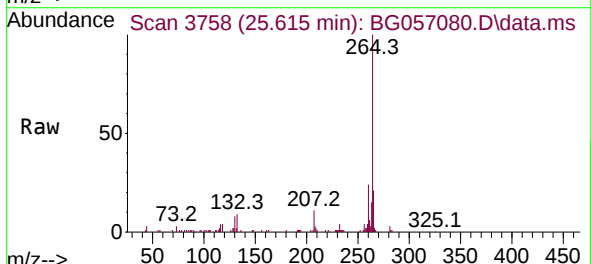
Manual Integrations
APPROVED

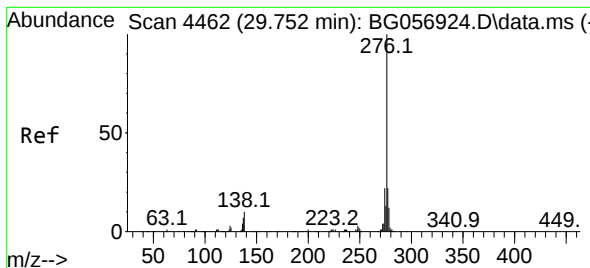
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.615 min Scan# 3758
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:264 Resp: 95481
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.411 ng

RT: 29.704 min Scan# 4462

Delta R.T. -0.008 min

Lab File: BG057080.D

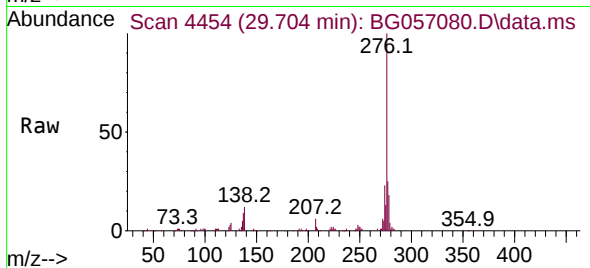
Acq: 13 Apr 2023 13:24

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MS



Tgt Ion:276 Resp: 362785

Ion Ratio Lower Upper

276 100

138 8.3 7.7 11.5

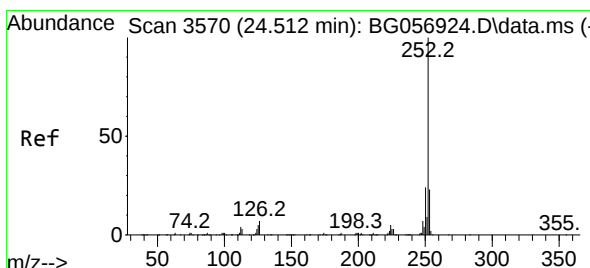
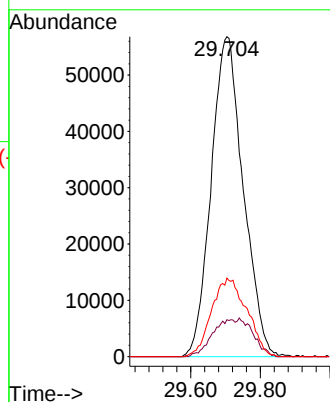
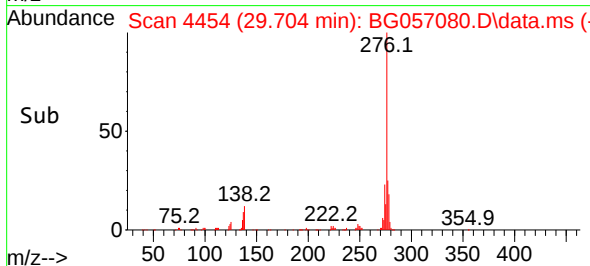
277 27.0 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#88

Benzo(b)fluoranthene

Concen: 52.045 ng m

RT: 24.481 min Scan# 3565

Delta R.T. -0.002 min

Lab File: BG057080.D

Acq: 13 Apr 2023 13:24

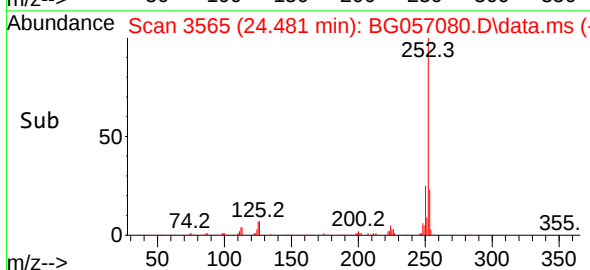
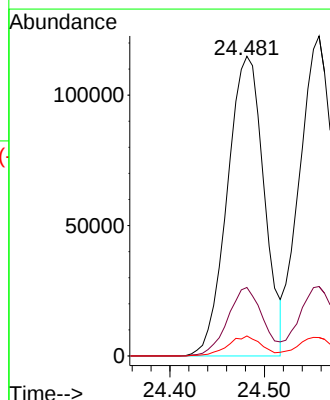
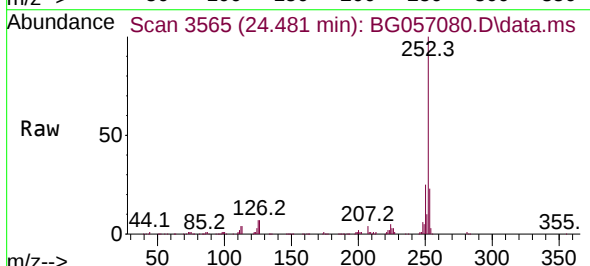
Tgt Ion:252 Resp: 310749

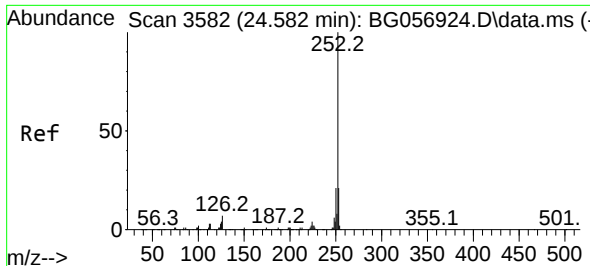
Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

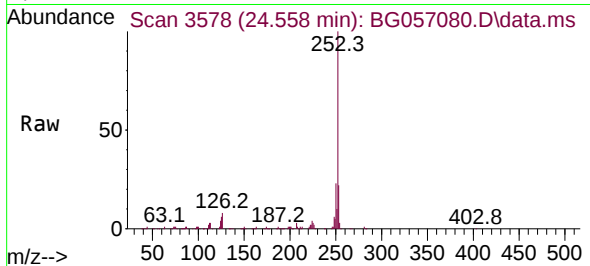
125 6.6 4.2 6.4#





#89
Benzo(k)fluoranthene
Concen: 51.639 ng
RT: 24.558 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

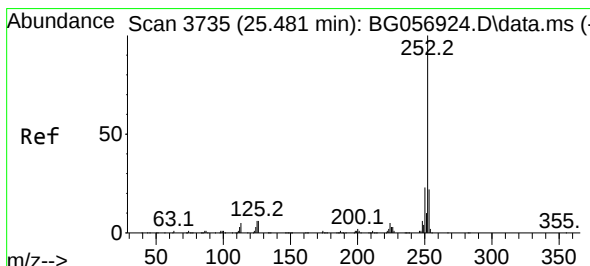
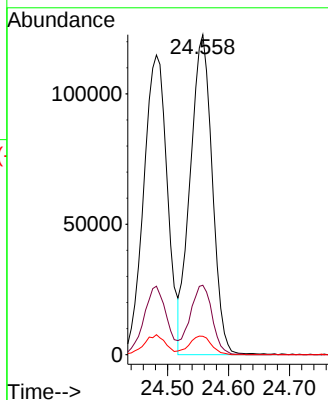
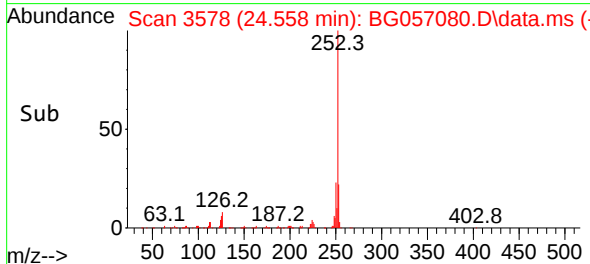
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:252 Resp: 307805
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 5.7 3.8 5.6

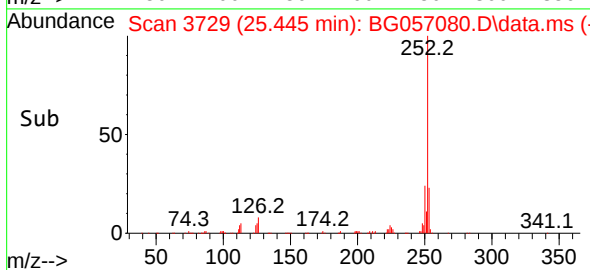
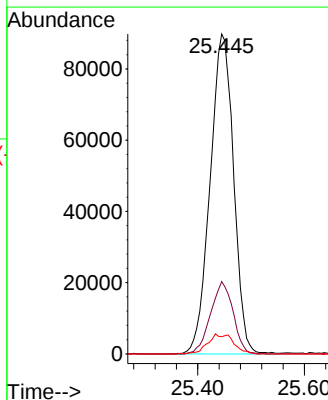
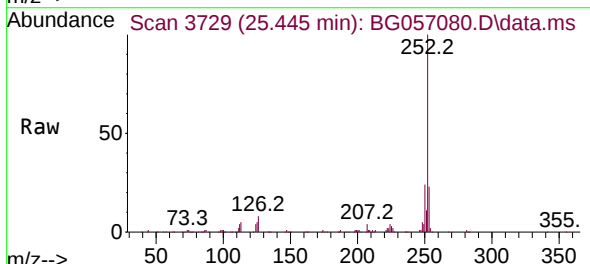
Manual Integrations
APPROVED

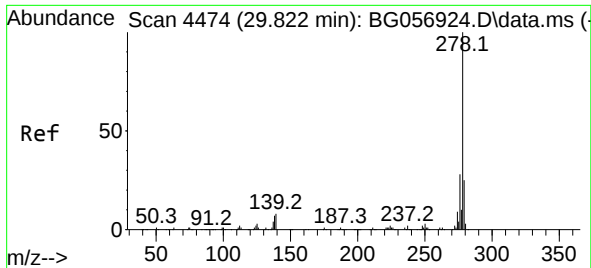
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#90
Benzo(a)pyrene
Concen: 46.752 ng
RT: 25.445 min Scan# 3729
Delta R.T. -0.008 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

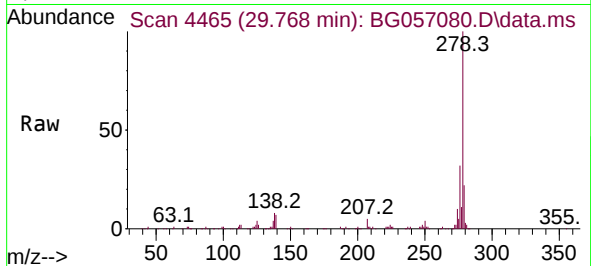
Tgt Ion:252 Resp: 274301
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 5.4 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 52.391 ng
RT: 29.768 min Scan# 4474
Delta R.T. 0.004 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

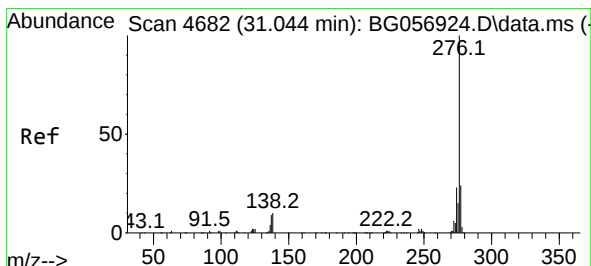
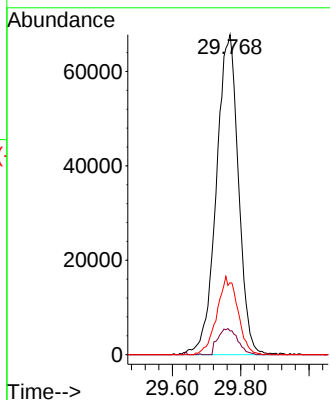
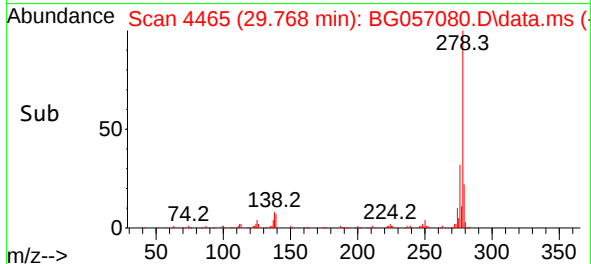
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MS



Tgt Ion:278 Resp: 303883
Ion Ratio Lower Upper
278 100
139 7.4 6.4 9.6
279 22.5 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#92
Benzo(g,h,i)perylene
Concen: 51.396 ng
RT: 30.984 min Scan# 4672
Delta R.T. -0.008 min
Lab File: BG057080.D
Acq: 13 Apr 2023 13:24

Tgt Ion:276 Resp: 291910
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 10.9 8.2 12.2

