

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056068.D
 Acq On : 22 Dec 2022 18:59
 Operator : CG/JU
 Sample : PB149805BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149805BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 05:20:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	8273	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	35338	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	35590	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	101511	20.000	ng	# 0.00
76) Chrysene-d12	22.011	240	113847	20.000	ng	0.00
86) Perylene-d12	25.489	264	119151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.877	112	53395	151.361	ng	0.00
7) Phenol-d6	7.492	99	68114	150.128	ng	0.00
23) Nitrobenzene-d5	9.531	82	43784	86.584	ng	0.00
42) 2,4,6-Tribromophenol	16.447	330	109443	127.529	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	171613	67.627	ng	0.00
79) Terphenyl-d14	20.277	244	492624	76.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.691	88	3849	37.492	ng	98
3) Pyridine	4.108	79	10203	30.200	ng	92
4) n-Nitrosodimethylamine	4.014	42	11264	37.088	ng	90
6) Aniline	7.669	93	20168	37.127	ng	96
8) 2-Chlorophenol	7.915	128	21944	48.216	ng	92
9) Benzaldehyde	7.475	77	3866	13.568	ng	83
10) Phenol	7.516	94	24818	49.980	ng	98
11) bis(2-Chloroethyl)ether	7.757	93	14295	44.196	ng	95
12) 1,3-Dichlorobenzene	8.244	146	23249	39.490	ng	98
13) 1,4-Dichlorobenzene	8.391	146	23955	39.814	ng	91
14) 1,2-Dichlorobenzene	8.714	146	23680	41.182	ng	98
15) Benzyl Alcohol	8.585	79	21553	45.718	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.879	45	21387m	50.805	ng	
17) 2-Methylphenol	8.785	107	18923	48.435	ng	# 91
18) Hexachloroethane	9.455	117	7806	42.741	ng	# 87
19) n-Nitroso-di-n-propyla...	9.155	70	13929	42.830	ng	91
20) 3+4-Methylphenols	9.114	107	26224	47.036	ng	95
22) Acetophenone	9.179	105	32876	37.529	ng	# 97
24) Nitrobenzene	9.572	77	22294	43.800	ng	97
25) Isophorone	10.095	82	42868	40.428	ng	95
26) 2-Nitrophenol	10.289	139	14625	48.537	ng	93
27) 2,4-Dimethylphenol	10.330	122	23123m	45.694	ng	
28) bis(2-Chloroethoxy)met...	10.571	93	21230	45.301	ng	# 94
29) 2,4-Dichlorophenol	10.824	162	29898	41.626	ng	97
30) 1,2,4-Trichlorobenzene	11.047	180	34010	36.426	ng	94
31) Naphthalene	11.241	128	68151	36.550	ng	98
32) Benzoic acid	10.454	122	18650	43.569	ng	90
33) 4-Chloroaniline	11.335	127	20844	26.077	ng	98
34) Hexachlorobutadiene	11.517	225	29129	33.185	ng	93
35) Caprolactam	12.099	113	8577m	42.860	ng	
36) 4-Chloro-3-methylphenol	12.428	107	28662	42.557	ng	92
37) 2-Methylnaphthalene	12.815	142	60764	36.886	ng	96
38) 1-Methylnaphthalene	13.039	142	56919	35.467	ng	99
40) 1,2,4,5-Tetrachloroben...	13.180	216	54197	36.093	ng	99
41) Hexachlorocyclopentadiene	13.156	237	74490	87.443	ng	98
43) 2,4,6-Trichlorophenol	13.409	196	35850	40.332	ng	95

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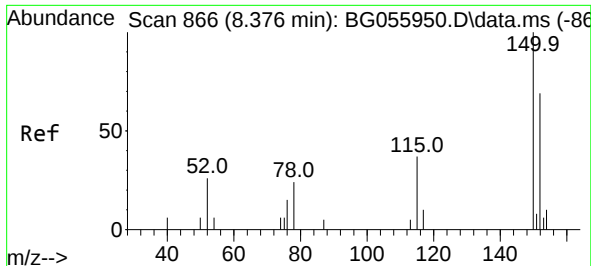
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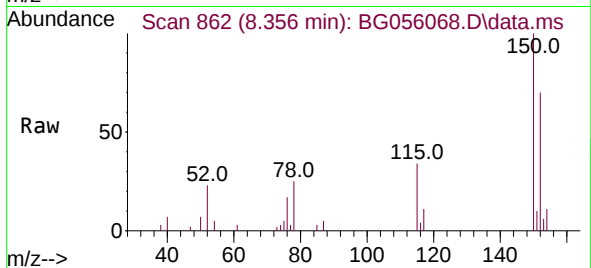
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	39670	39.591	ng	98
46) 1,1'-Biphenyl	13.803	154	90008	37.311	ng	99
47) 2-Chloronaphthalene	13.855	162	70595	36.015	ng	98
48) 2-Nitroaniline	14.043	65	19474	50.257	ng	85
49) Acenaphthylene	14.696	152	114216	36.505	ng	99
50) Dimethylphthalate	14.408	163	111415	36.209	ng	99
51) 2,6-Dinitrotoluene	14.525	165	23725	49.826	ng	# 88
52) Acenaphthene	15.031	154	93040	44.295	ng	95
53) 3-Nitroaniline	14.860	138	15333	31.658	ng	# 91
54) 2,4-Dinitrophenol	15.066	184	37083	104.759	ng	# 76
55) Dibenzofuran	15.360	168	127726	36.161	ng	99
56) 4-Nitrophenol	15.148	139	35487	91.435	ng	97
57) 2,4-Dinitrotoluene	15.313	165	34667	48.233	ng	# 90
58) Fluorene	16.006	166	102962	35.659	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.577	232	45569	39.808	ng	99
60) Diethylphthalate	15.753	149	106709	35.481	ng	98
61) 4-Chlorophenyl-phenylether	15.988	204	72492	36.855	ng	97
62) 4-Nitroaniline	16.018	138	21619	40.988	ng	98
63) Azobenzene	16.282	77	66233	36.183	ng	97
65) 4,6-Dinitro-2-methylph...	16.070	198	24923	51.396	ng	84
66) n-Nitrosodiphenylamine	16.200	169	97507	36.655	ng	100
67) 4-Bromophenyl-phenylether	16.881	248	55542	37.340	ng	93
68) Hexachlorobenzene	17.005	284	66581	36.340	ng	94
69) Atrazine	17.134	200	42535	35.314	ng	99
70) Pentachlorophenol	17.345	266	88301	84.302	ng	94
71) Phenanthrene	17.745	178	193979	36.464	ng	100
72) Anthracene	17.839	178	196539	37.344	ng	99
73) Carbazole	18.098	167	164782	37.963	ng	98
74) Di-n-butylphthalate	18.632	149	183009	36.255	ng	99
75) Fluoranthene	19.731	202	266828	35.820	ng	99
77) Benzidine	19.895	184	79543	39.785	ng	99
78) Pyrene	20.095	202	267100	38.772	ng	99
80) Butylbenzylphthalate	20.959	149	78282	40.102	ng	99
81) Benzo(a)anthracene	21.987	228	296415	37.000	ng	98
82) 3,3'-Dichlorobenzidine	21.887	252	107455	37.281	ng	95
83) Chrysene	22.058	228	274398	36.546	ng	99
84) Bis(2-ethylhexyl)phtha...	21.858	149	112248	38.704	ng	96
85) Di-n-octyl phthalate	23.156	149	188380	38.292	ng	99
87) Indeno(1,2,3-cd)pyrene	29.508	276	369867	38.603	ng	99
88) Benzo(b)fluoranthene	24.373	252	329675	42.752	ng	100
89) Benzo(k)fluoranthene	24.449	252	317663	41.289	ng	99
90) Benzo(a)pyrene	25.330	252	285207	43.755	ng	100
91) Dibenzo(a,h)anthracene	29.578	278	322642	40.232	ng	96
92) Benzo(g,h,i)perylene	30.771	276	312388	40.289	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

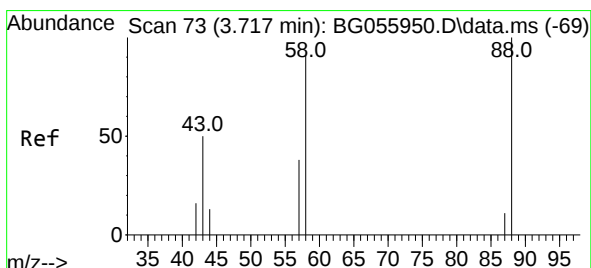
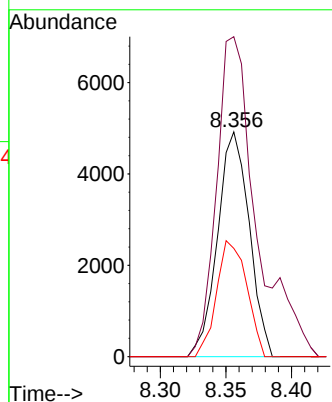
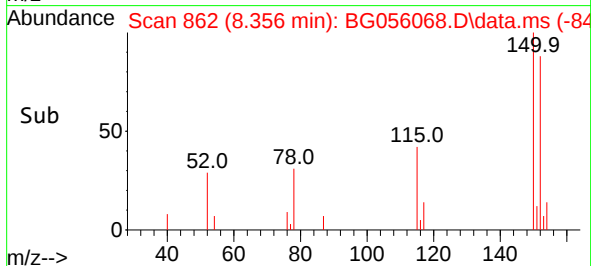
Instrument :
BNA_G
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PB149805BS



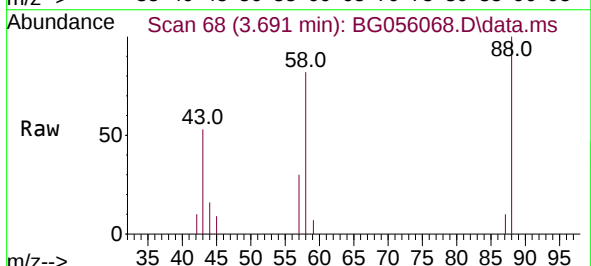
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Ion Ratio Lower Upper
152 100
150 142.4 115.7 173.5
115 48.2 43.0 64.4

Manual Integrations
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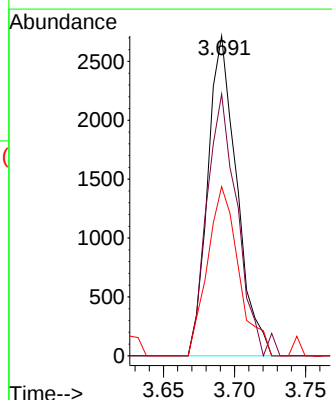
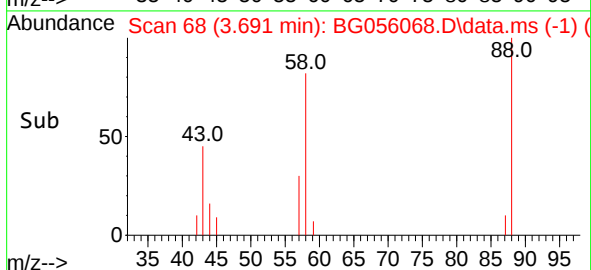
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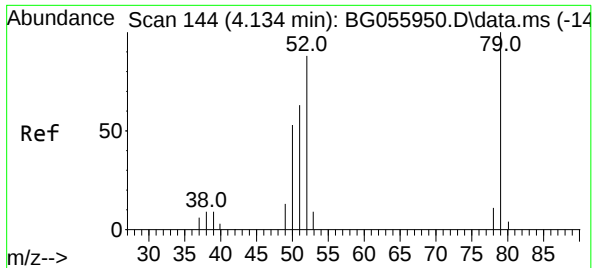


#2
1,4-Dioxane
Concen: 37.492 ng
RT: 3.691 min Scan# 68
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion: 88 Resp: 3849
Ion Ratio Lower Upper
88 100
58 85.9 67.0 100.4
43 57.3 45.7 68.5





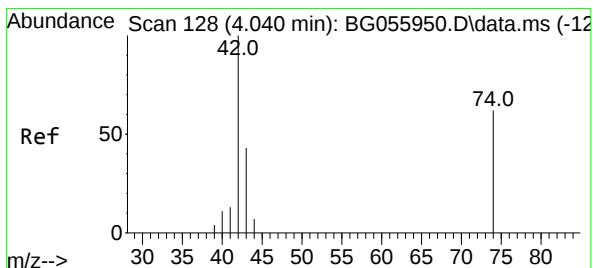
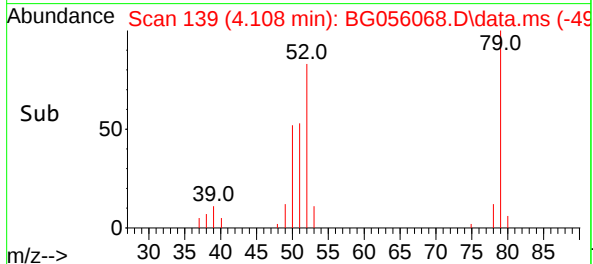
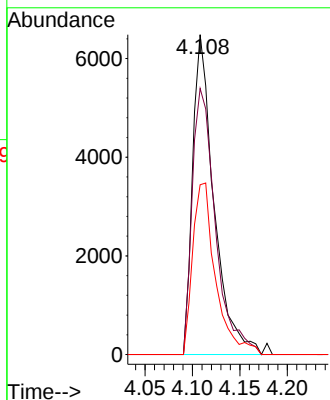
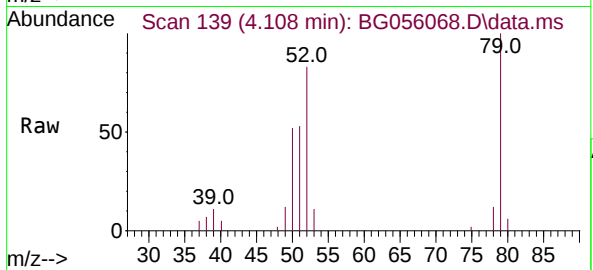
#3
Pyridine
Concen: 30.200 ng
RT: 4.108 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB149805BS

Tgt Ion: 79 Resp: 10203
Ion Ratio Lower Upper
79 100
52 83.2 70.3 105.5
51 53.1 50.6 76.0

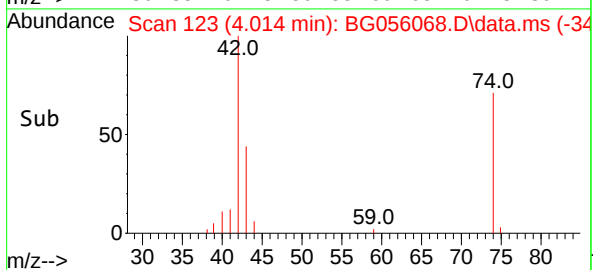
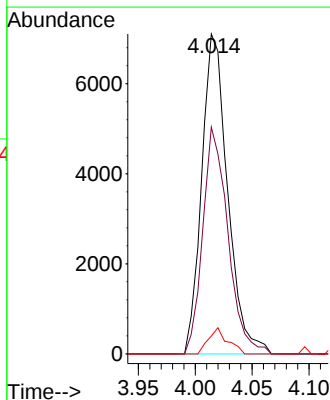
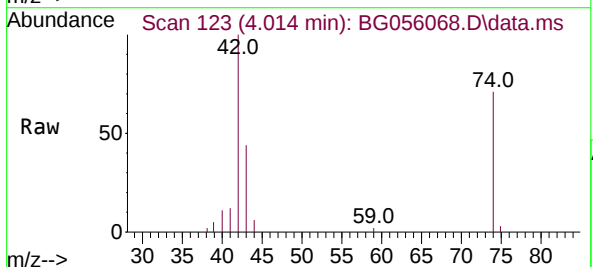
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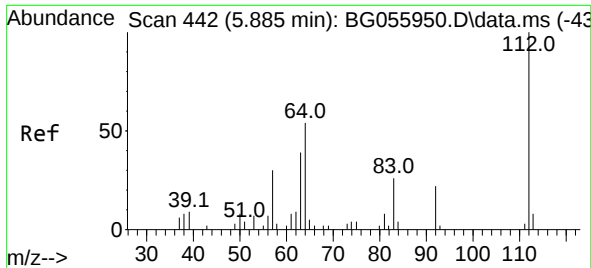
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#4
n-Nitrosodimethylamine
Concen: 37.088 ng
RT: 4.014 min Scan# 123
Delta R.T. -0.009 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion: 42 Resp: 11264
Ion Ratio Lower Upper
42 100
74 70.9 49.8 74.6
44 5.6 5.2 7.8





#5
2-Fluorophenol
Concen: 151.361 ng
RT: 5.877 min Scan# 44
Delta R.T. 0.009 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

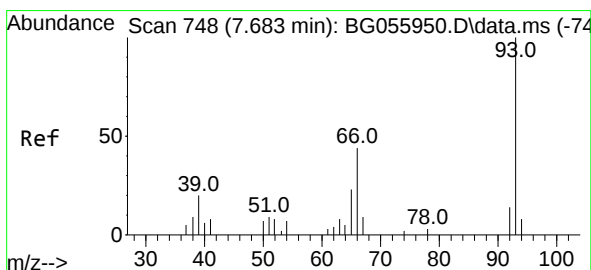
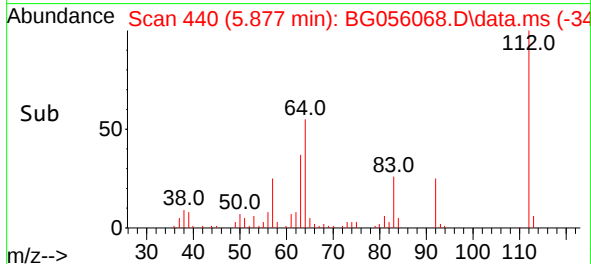
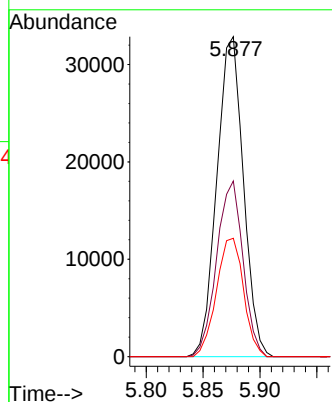
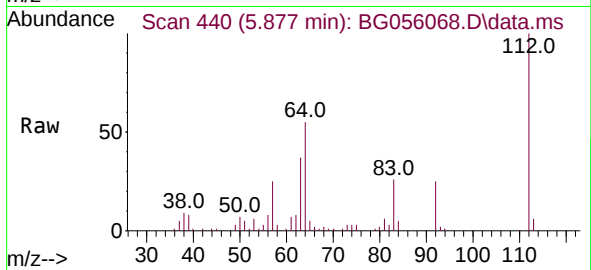
PB149805BS

Tgt Ion:112 Resp: 53395
Ion Ratio Lower Upper
112 100
64 54.9 43.0 64.4
63 37.0 31.4 47.2

Manual Integrations

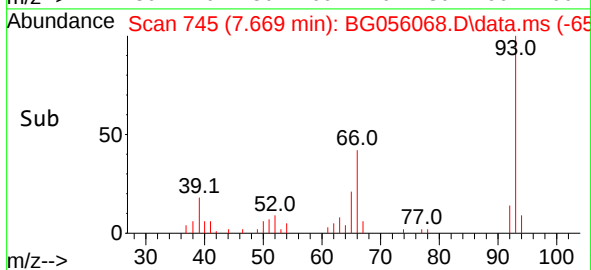
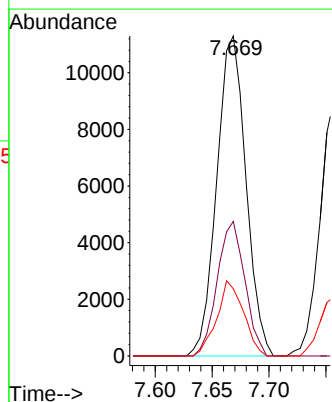
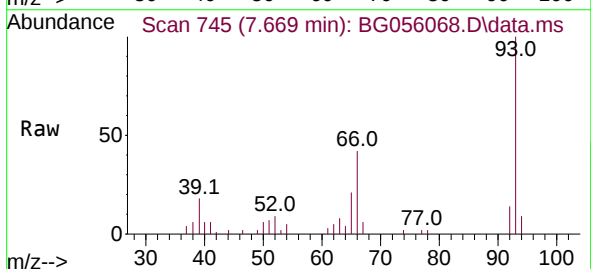
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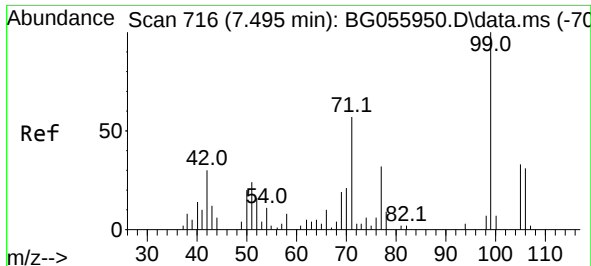
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#6
Aniline
Concen: 37.127 ng
RT: 7.669 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

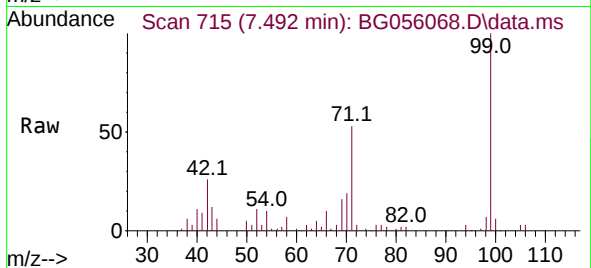
Tgt Ion: 93 Resp: 20168
Ion Ratio Lower Upper
93 100
66 42.0 35.5 53.3
65 21.0 18.2 27.2





#7
Phenol-d6
Concen: 150.128 ng
RT: 7.492 min Scan# 716
Delta R.T. 0.009 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

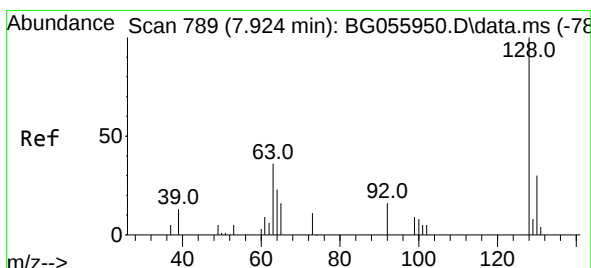
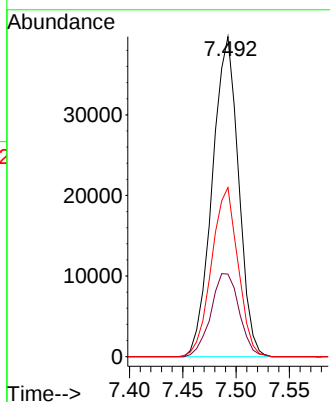
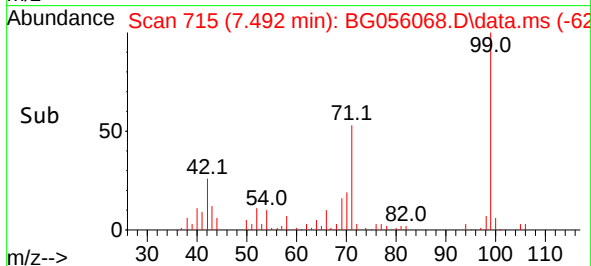
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 68114
Ion Ratio Lower Upper
99 100
42 25.8 24.3 36.5
71 52.8 45.6 68.4

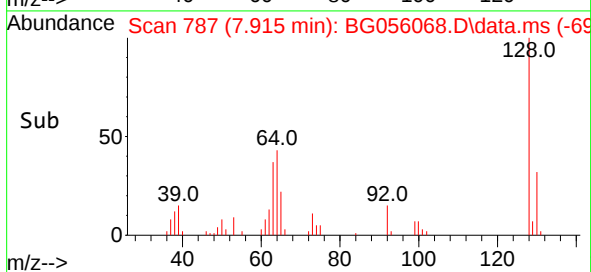
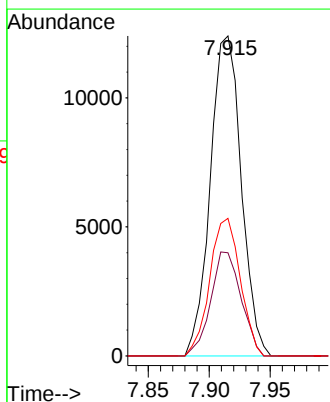
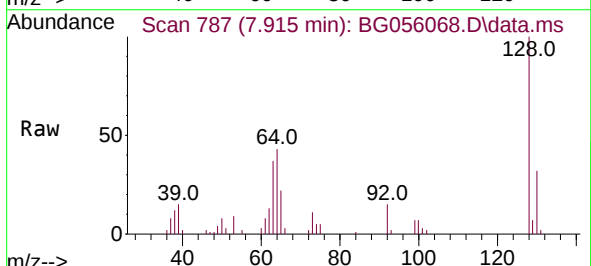
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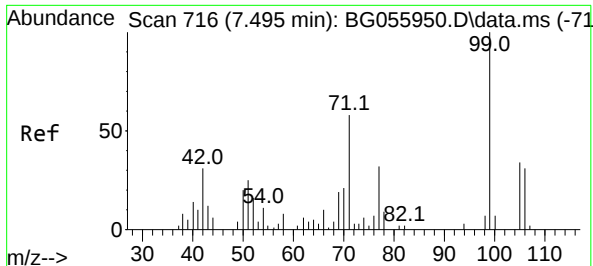
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#8
2-Chlorophenol
Concen: 48.216 ng
RT: 7.915 min Scan# 787
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:128 Resp: 21944
Ion Ratio Lower Upper
128 100
130 32.2 9.9 49.9
64 43.0 16.7 56.7





#9
Benzaldehyde
Concen: 13.568 ng
RT: 7.475 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

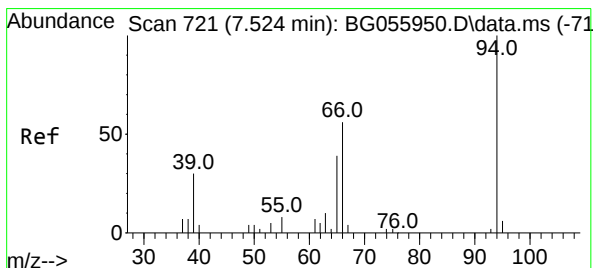
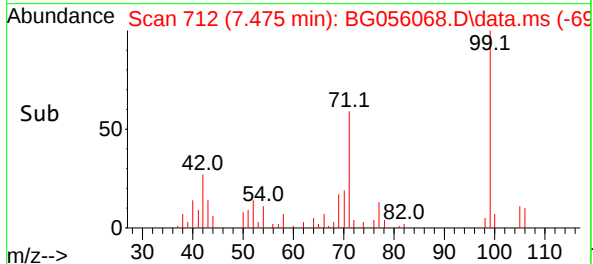
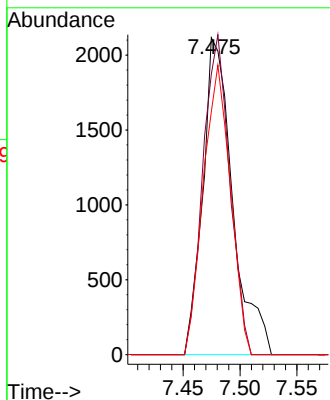
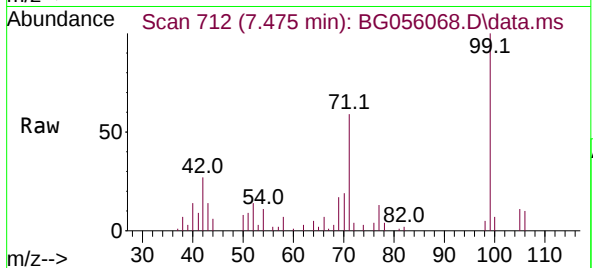
Instrument :
BNA_G
ClientSampleId :
PB149805BS

Tgt Ion: 77 Resp: 3866

Ion	Ratio	Lower	Upper
77	100		
105	88.4	83.1	123.1
106	76.6	76.3	116.3

Manual Integrations
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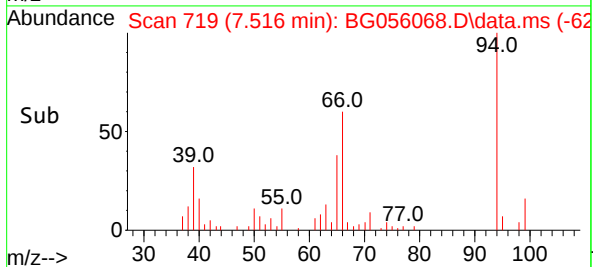
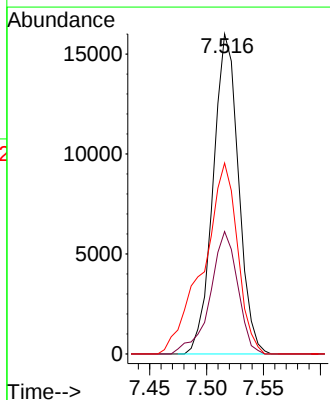
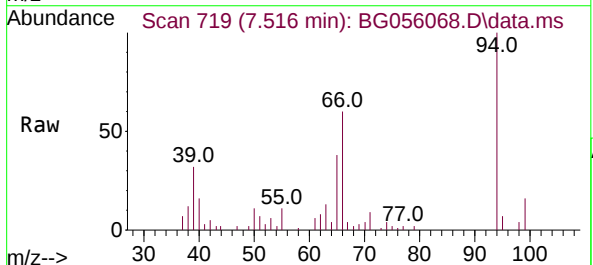
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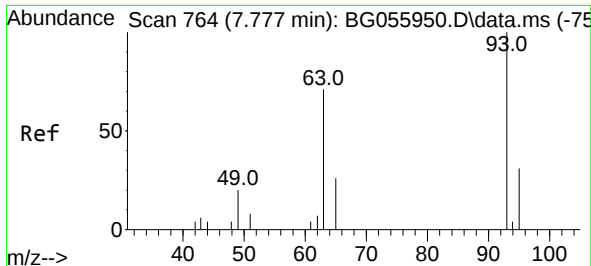


#10
Phenol
Concen: 49.980 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion: 94 Resp: 24818

Ion	Ratio	Lower	Upper
94	100		
65	38.2	18.9	58.9
66	59.6	41.5	81.5





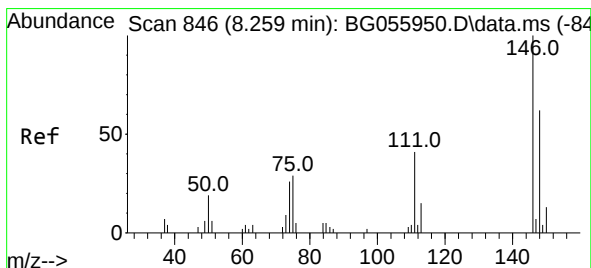
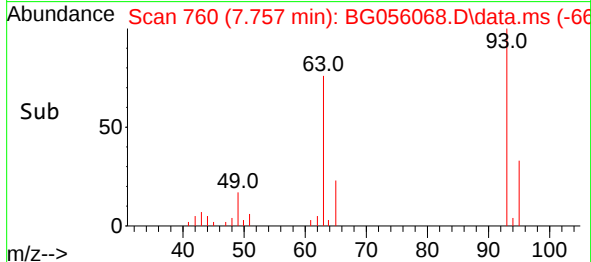
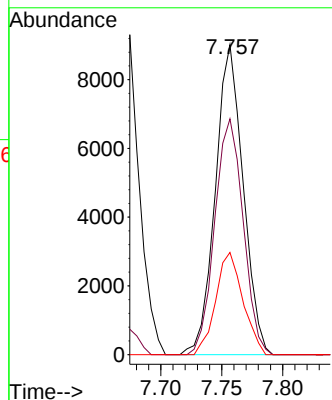
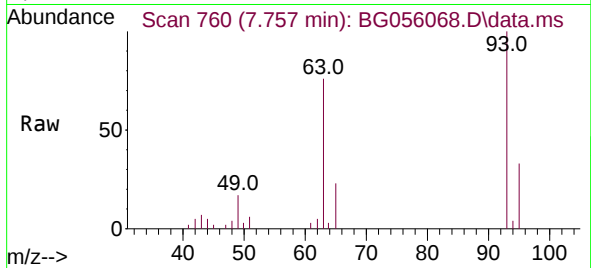
#11
bis(2-Chloroethyl)ether
Concen: 44.196 ng
RT: 7.757 min Scan# 760
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB149805BS

Tgt Ion: 93 Resp: 14295
Ion Ratio Lower Upper
93 100
63 76.1 51.4 91.4
95 33.0 11.3 51.3

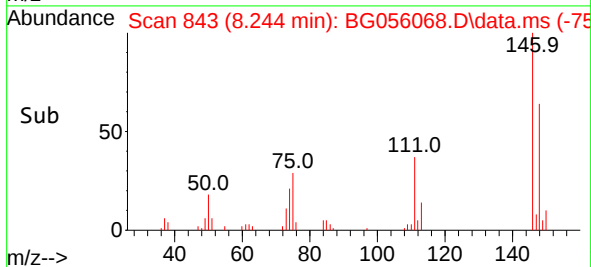
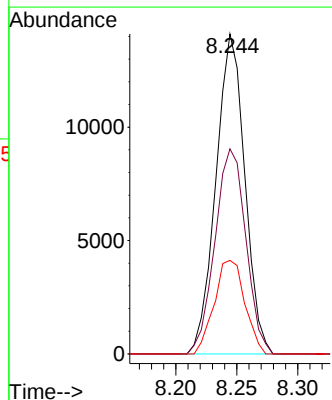
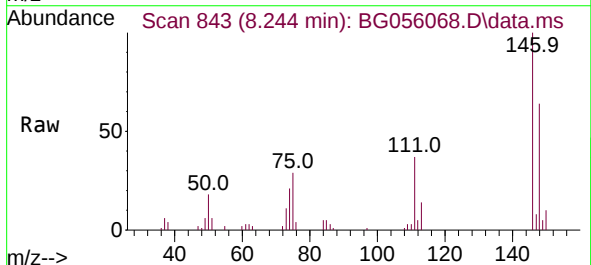
Manual Integrations
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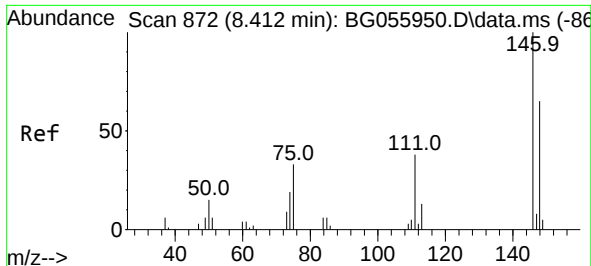
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
1,3-Dichlorobenzene
Concen: 39.490 ng
RT: 8.244 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:146 Resp: 23249
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
75 29.2 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 39.814 ng

RT: 8.391 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG056068.D

Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

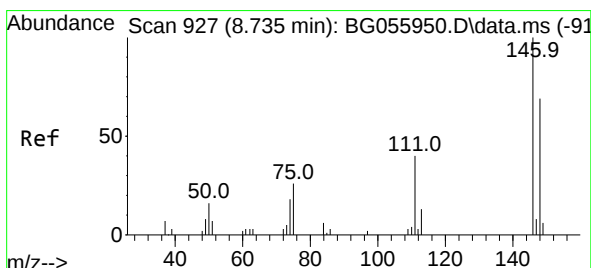
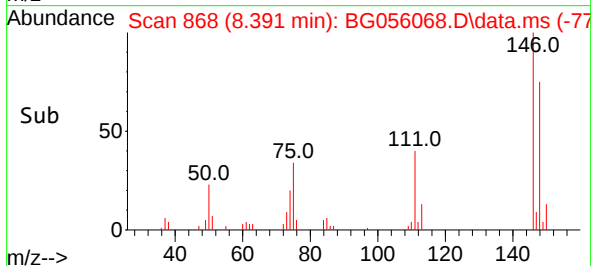
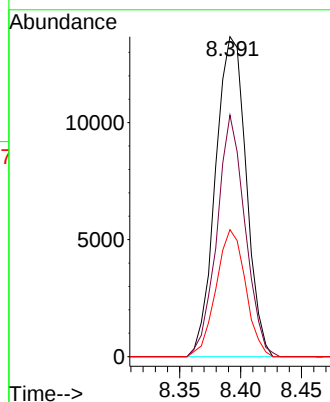
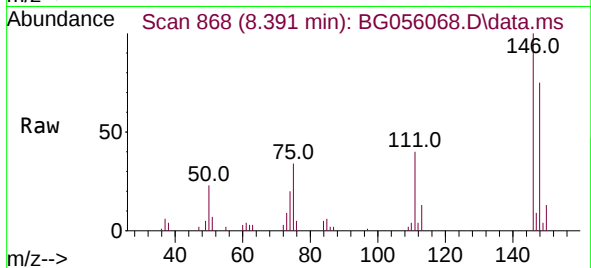
PB149805BS

Tgt Ion:146 Resp: 23958
 Ion Ratio Lower Upper
 146 100
 148 75.5 52.4 78.6
 111 39.7 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#14

1,2-Dichlorobenzene

Concen: 41.182 ng

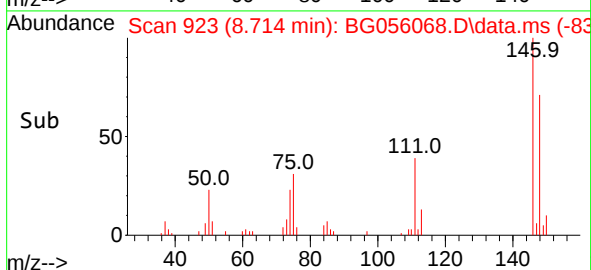
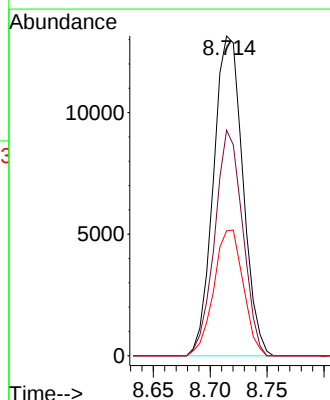
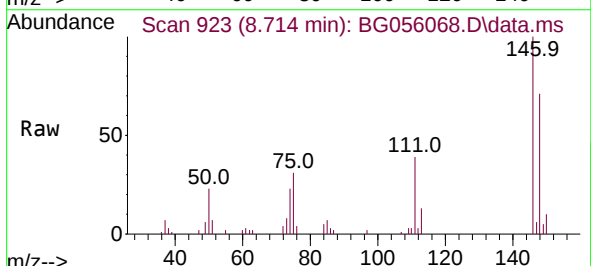
RT: 8.714 min Scan# 923

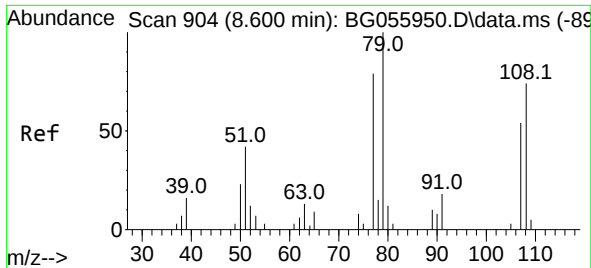
Delta R.T. -0.003 min

Lab File: BG056068.D

Acq: 22 Dec 2022 18:59

Tgt Ion:146 Resp: 23680
 Ion Ratio Lower Upper
 146 100
 148 70.5 55.1 82.7
 111 39.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 45.718 ng
RT: 8.585 min Scan# 904
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

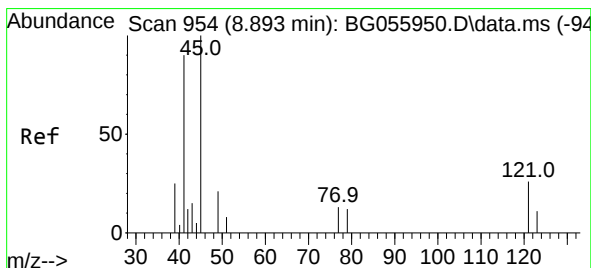
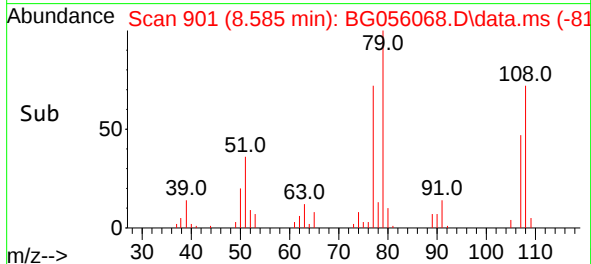
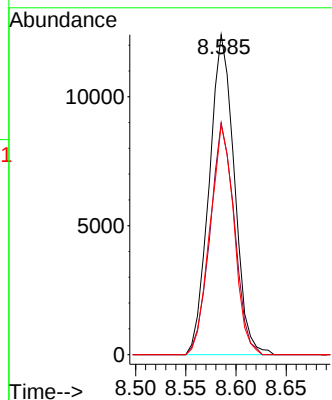
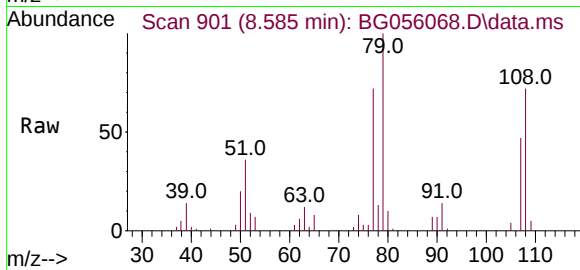
ClientSampleId :

PB149805BS

Tgt Ion: 79 Resp: 2155
Ion Ratio Lower Upper
79 100
108 72.4 59.5 89.3
77 71.9 63.0 94.6

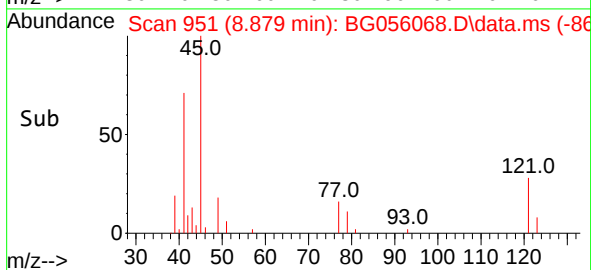
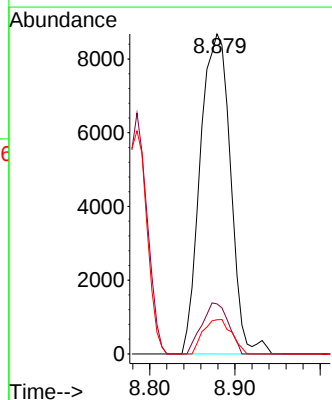
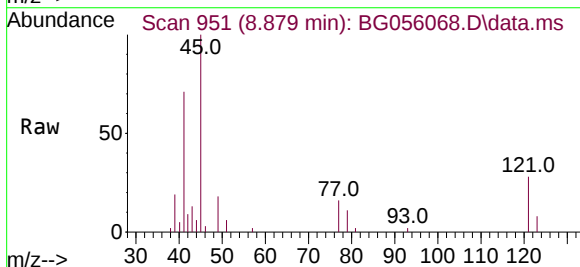
Manual Integrations
APPROVED

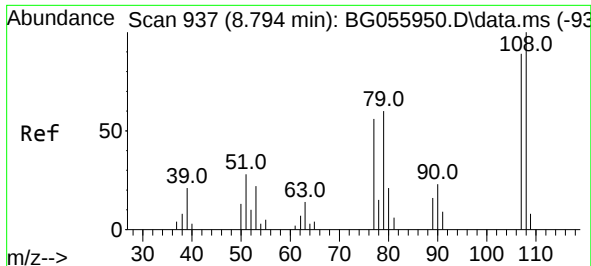
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.805 ng m
RT: 8.879 min Scan# 951
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion: 45 Resp: 21387
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.4
79 10.7 0.0 31.8





#17

2-Methylphenol

Concen: 48.435 ng

RT: 8.785 min Scan# 937

Delta R.T. 0.003 min

Lab File: BG056068.D

Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

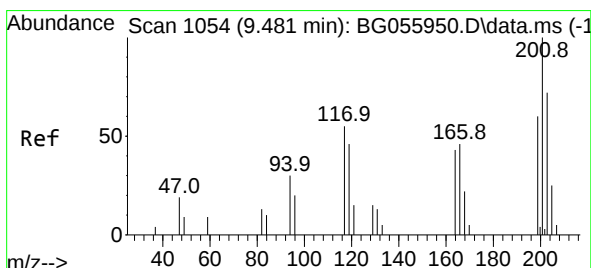
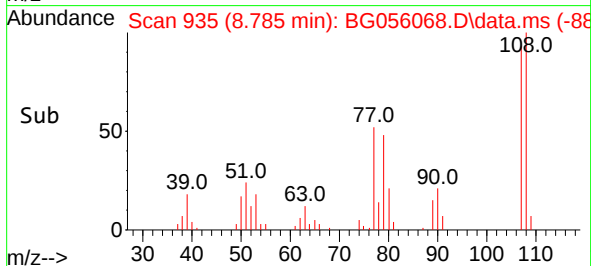
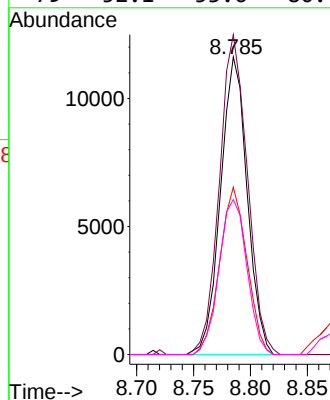
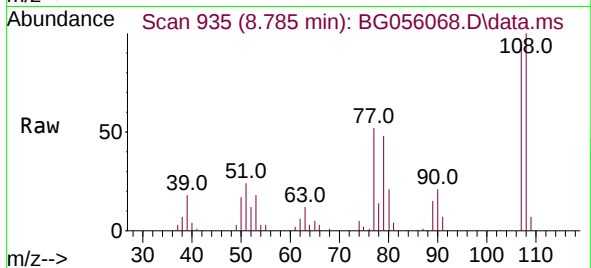
PB149805BS

Tgt Ion:	107	Resp:	18923
Ion Ratio	Lower	Upper	
107	100		
108	107.5	89.8	134.8
77	56.3	50.2	75.2
79	52.1	53.6	80.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#18

Hexachloroethane

Concen: 42.741 ng

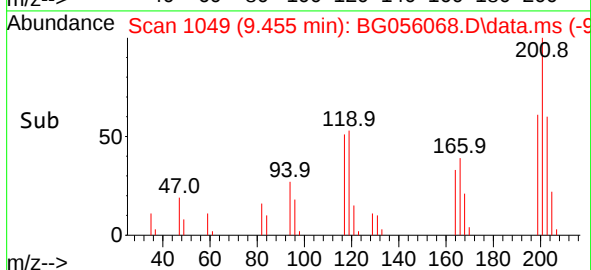
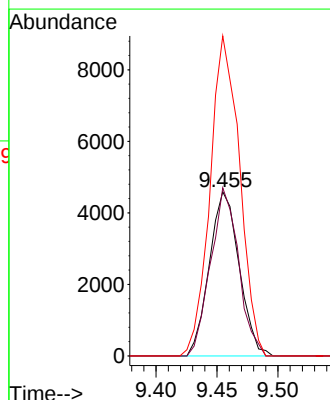
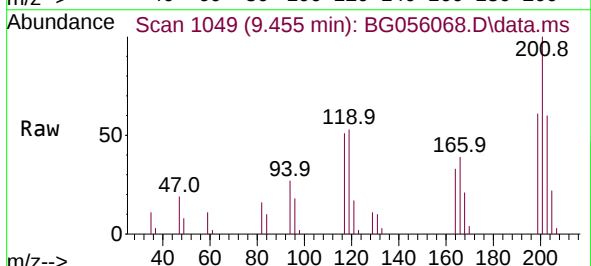
RT: 9.455 min Scan# 1049

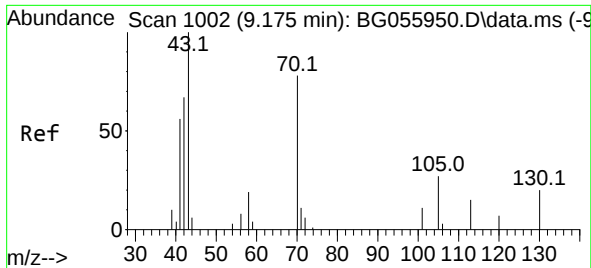
Delta R.T. -0.003 min

Lab File: BG056068.D

Acq: 22 Dec 2022 18:59

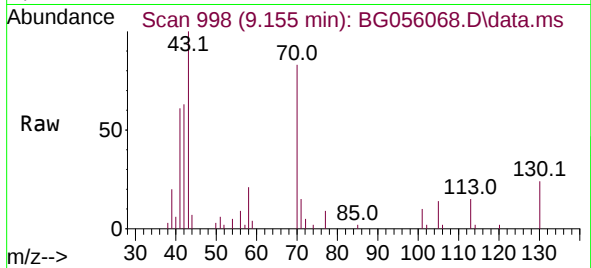
Tgt Ion:	117	Resp:	7806
Ion Ratio	Lower	Upper	
117	100		
119	102.4	66.8	100.2
201	195.0	144.6	217.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.830 ng
RT: 9.155 min Scan# 998
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

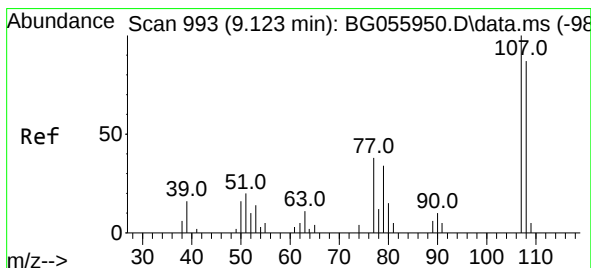
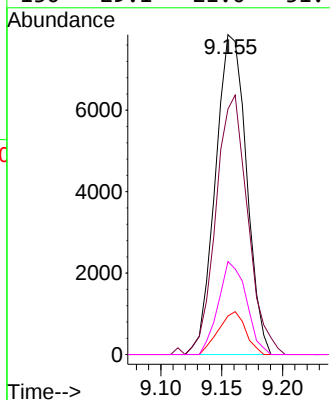
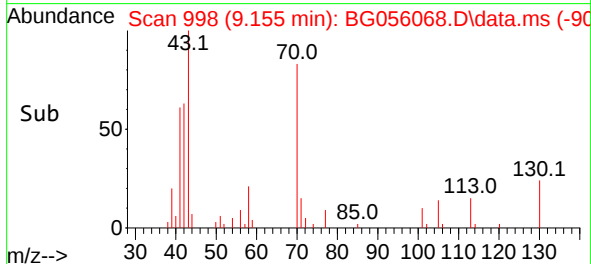
Instrument :
BNA_G
ClientSampleId :
PB149805BS



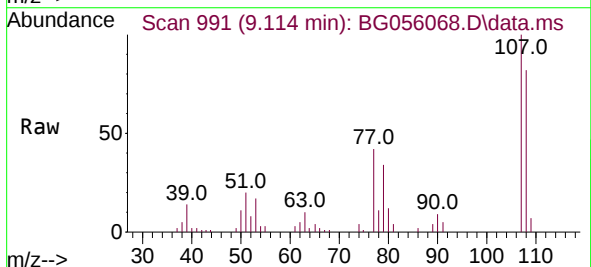
Tgt Ion: 70 Resp: 13929
Ion Ratio Lower Upper
70 100
42 76.7 69.0 103.4
101 12.1 11.8 17.8
130 29.1 21.0 31.4

Manual Integrations
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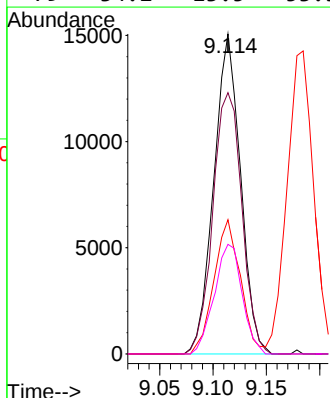
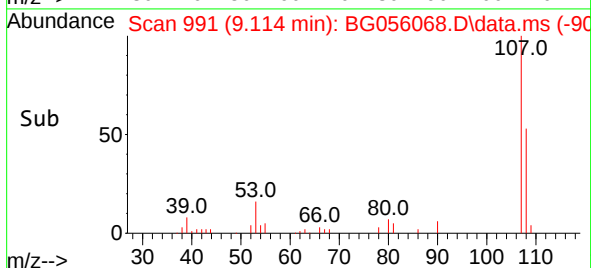
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

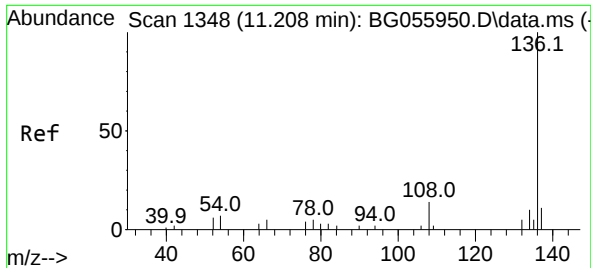


#20
3+4-Methylphenols
Concen: 47.036 ng
RT: 9.114 min Scan# 991
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:107 Resp: 26224
Ion Ratio Lower Upper
107 100
108 81.6 67.0 107.0
77 41.9 18.3 58.3
79 34.2 13.5 53.5





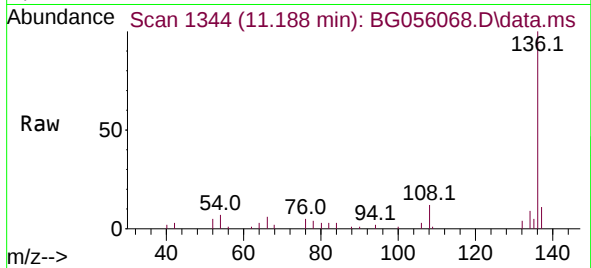
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB149805BS

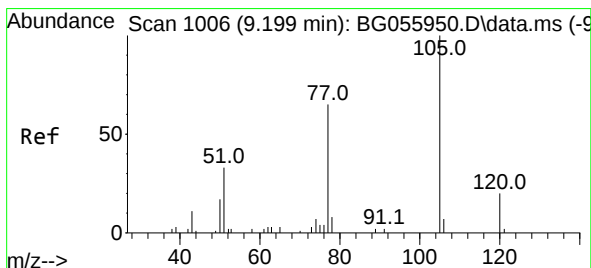
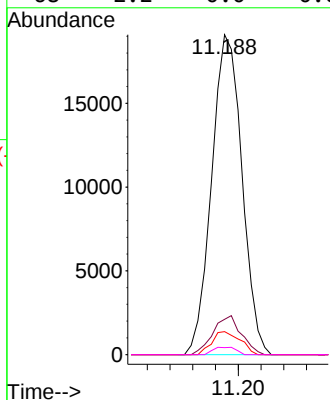
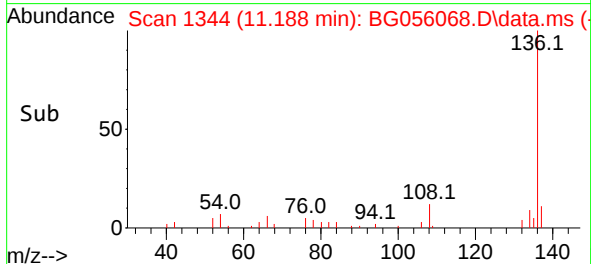


Tgt Ion:136 Resp: 35338
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.2 5.6 8.4
68 2.2 0.0 0.0#

Manual Integrations

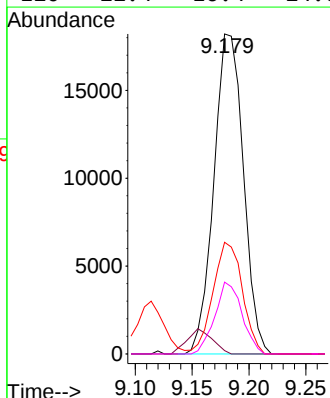
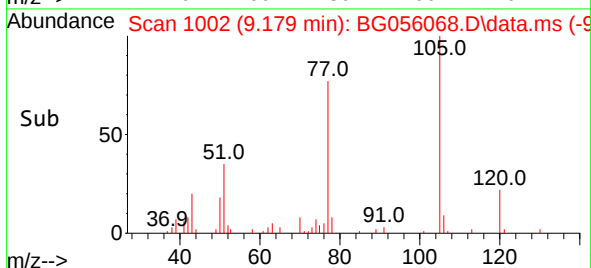
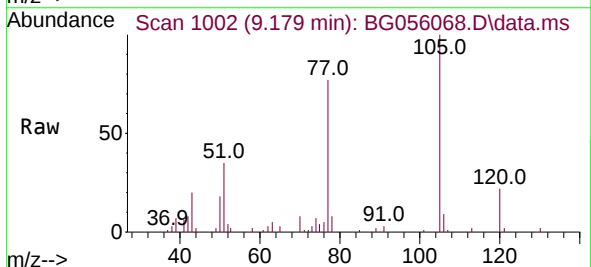
APPROVED

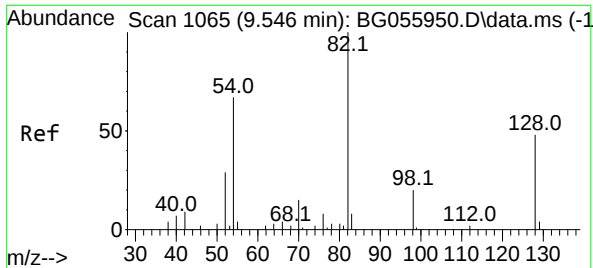
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#22
Acetophenone
Concen: 37.529 ng
RT: 9.179 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:105 Resp: 32876
Ion Ratio Lower Upper
105 100
71 1.0 0.0 0.0#
51 34.9 26.7 40.1
120 22.4 16.4 24.6





#23
Nitrobenzene-d5
Concen: 86.584 ng
RT: 9.531 min Scan# 1065
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

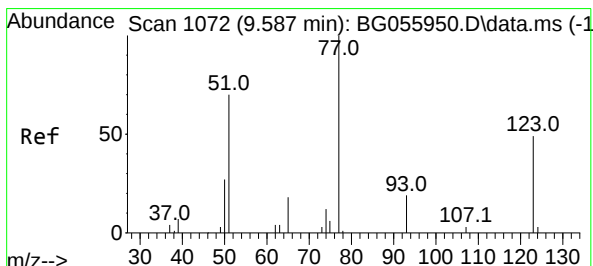
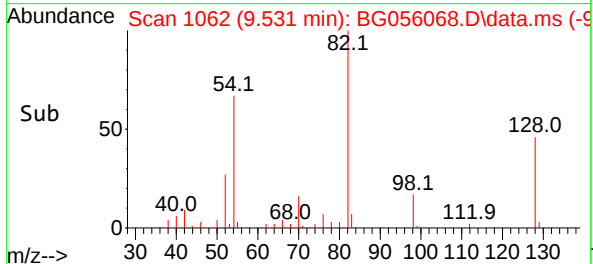
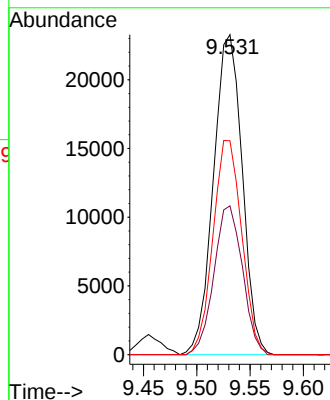
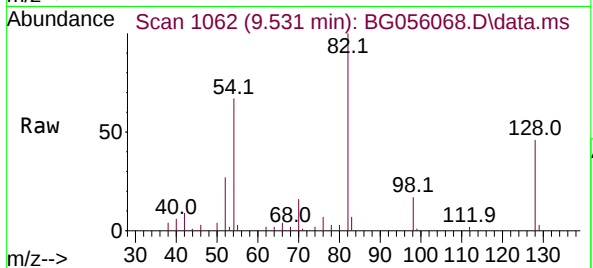
ClientSampleId :

PB149805BS

Tgt Ion: 82 Resp: 43784
Ion Ratio Lower Upper
82 100
128 46.5 38.4 57.6
54 66.8 53.3 79.9

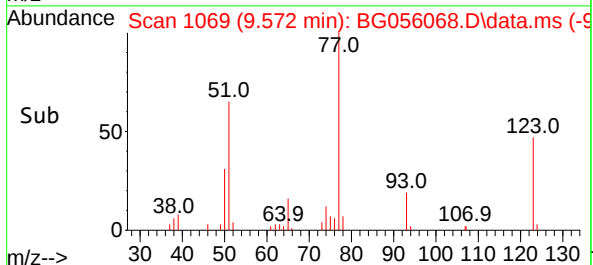
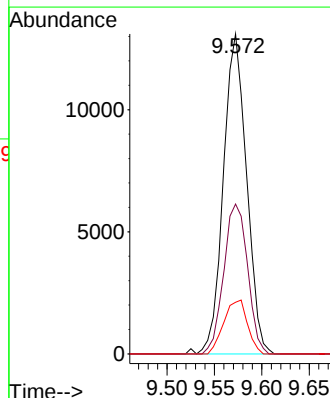
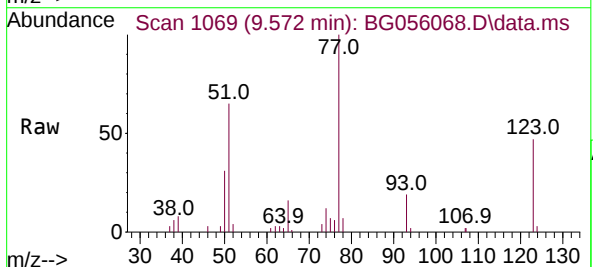
Manual Integrations
APPROVED

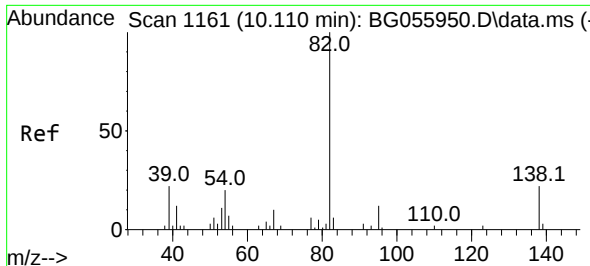
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#24
Nitrobenzene
Concen: 43.800 ng
RT: 9.572 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion: 77 Resp: 22294
Ion Ratio Lower Upper
77 100
123 46.8 38.9 58.3
65 16.1 14.7 22.1





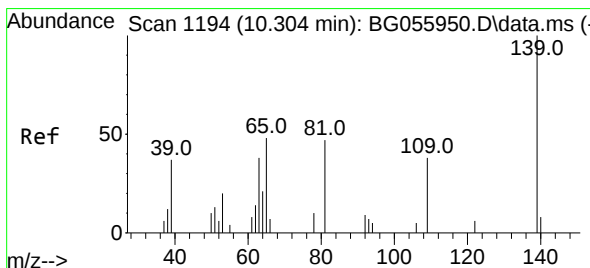
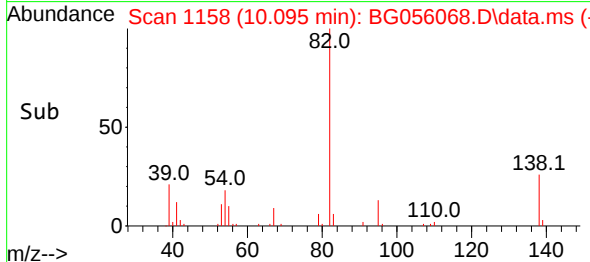
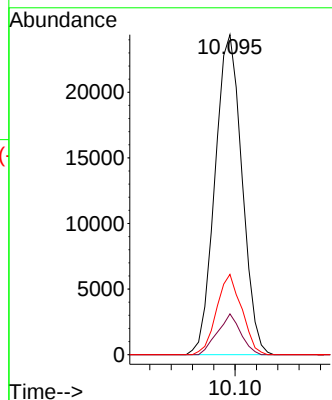
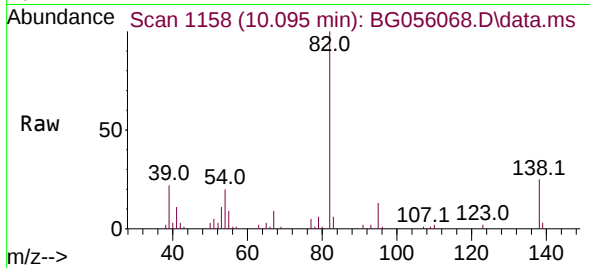
#25
Isophorone
Concen: 40.428 ng
RT: 10.095 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB149805BS

Tgt Ion: 82 Resp: 42868
Ion Ratio Lower Upper
82 100
95 12.7 9.4 14.0
138 25.1 17.7 26.5

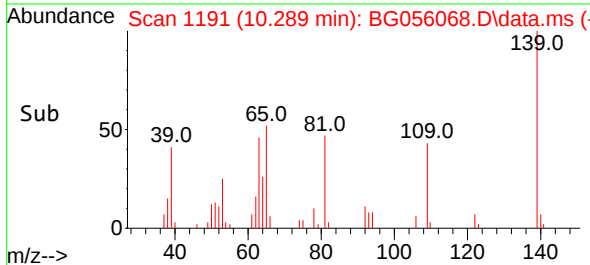
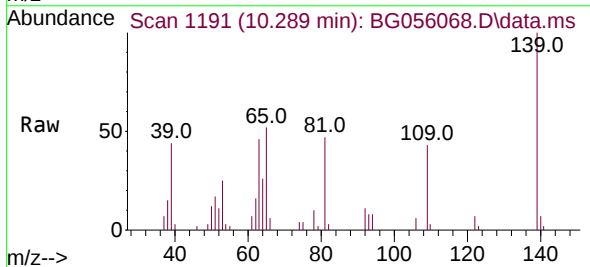
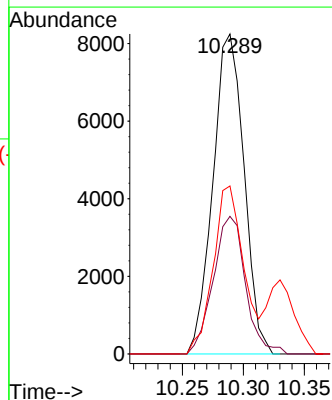
Manual Integrations
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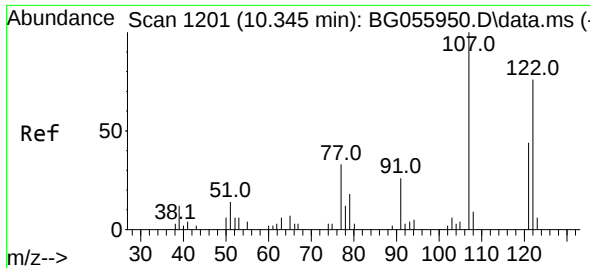
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
2-Nitrophenol
Concen: 48.537 ng
RT: 10.289 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:139 Resp: 14625
Ion Ratio Lower Upper
139 100
109 43.0 30.7 46.1
65 52.5 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 45.694 ng m
RT: 10.330 min Scan# 1198
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

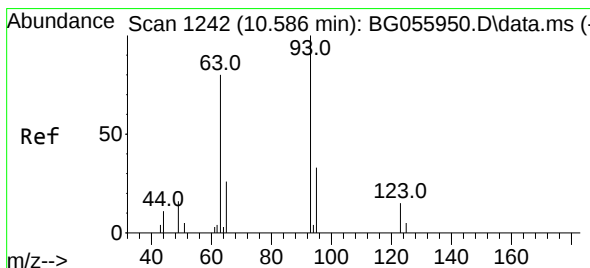
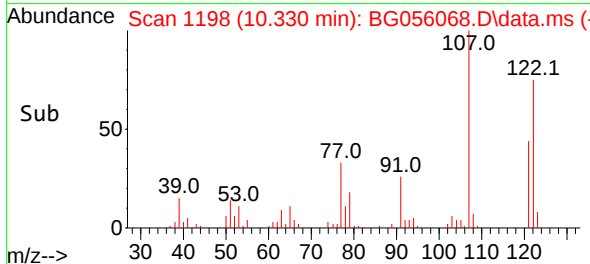
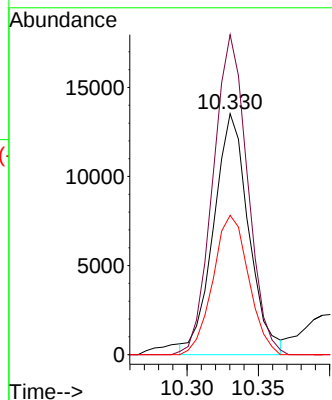
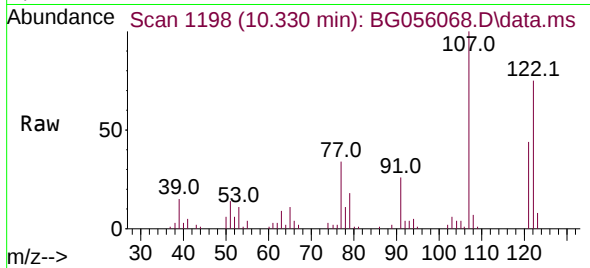
PB149805BS

Tgt Ion:122 Resp: 23123
Ion Ratio Lower Upper
122 100
107 132.8 105.9 158.9
121 57.8 46.1 69.1

Manual Integrations

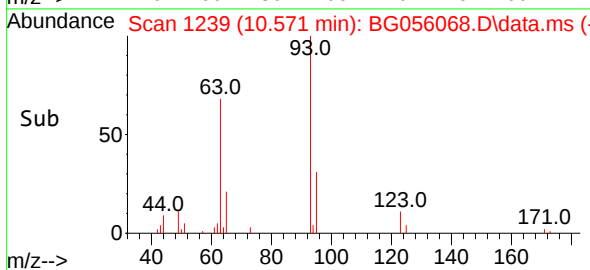
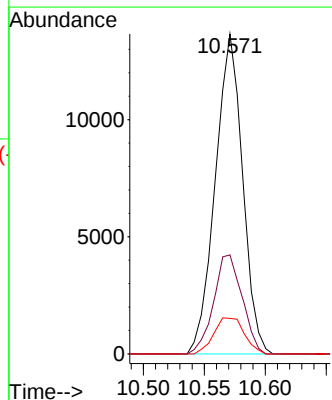
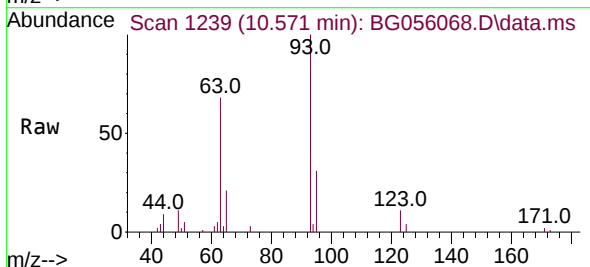
APPROVED

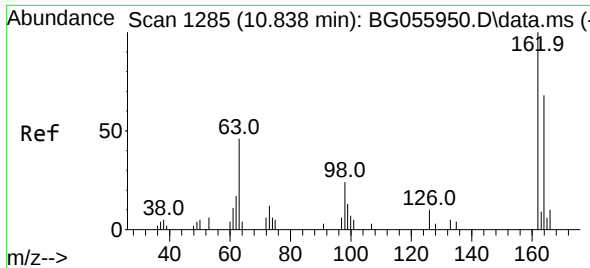
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.301 ng
RT: 10.571 min Scan# 1239
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion: 93 Resp: 21230
Ion Ratio Lower Upper
93 100
95 30.9 26.3 39.5
123 11.1 12.2 18.2#





#29

2,4-Dichlorophenol

Concen: 41.626 ng

RT: 10.824 min Scan# 1282

Delta R.T. 0.003 min

Lab File: BG056068.D

Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

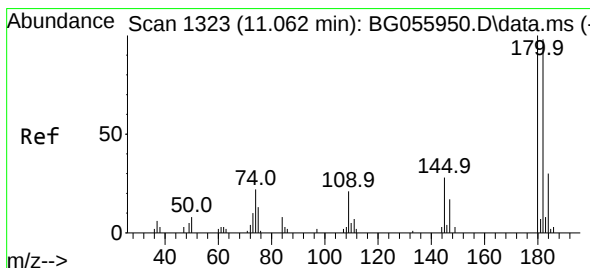
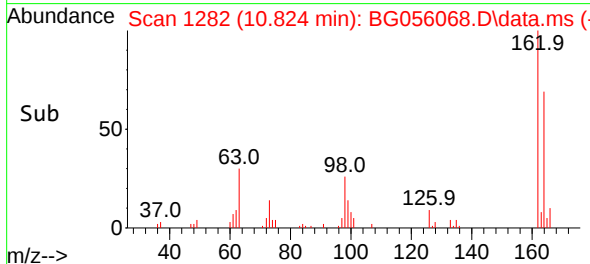
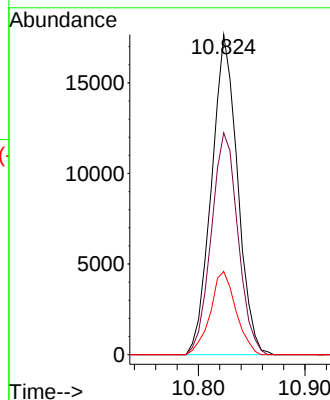
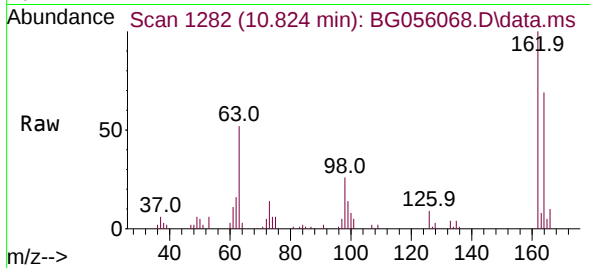
PB149805BS

Tgt Ion:162	Resp:	2989
Ion Ratio	Lower	Upper
162	100	
164	69.3	47.5 87.5
98	26.0	4.3 44.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 36.426 ng

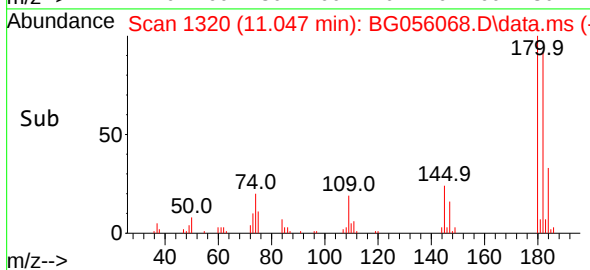
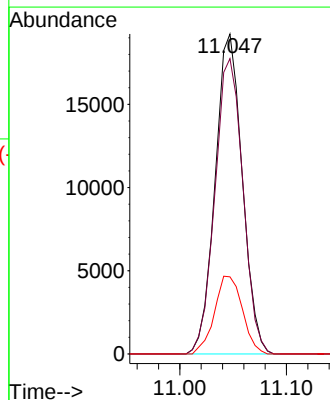
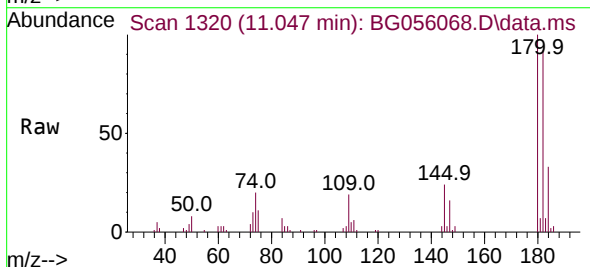
RT: 11.047 min Scan# 1320

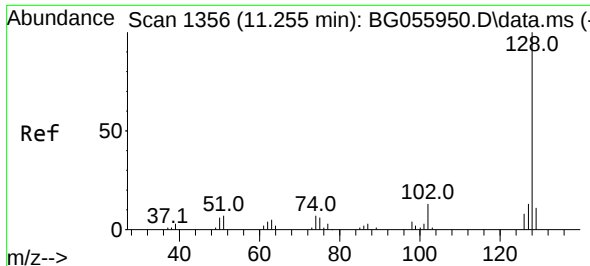
Delta R.T. -0.003 min

Lab File: BG056068.D

Acq: 22 Dec 2022 18:59

Tgt Ion:180	Resp:	34010
Ion Ratio	Lower	Upper
180	100	
182	92.3	78.1 117.1
145	24.1	22.4 33.6





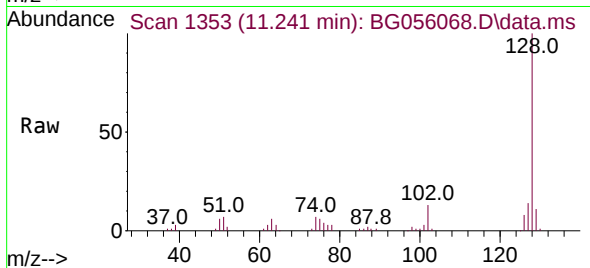
#31
Naphthalene
Concen: 36.550 ng
RT: 11.241 min Scan# 1356
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

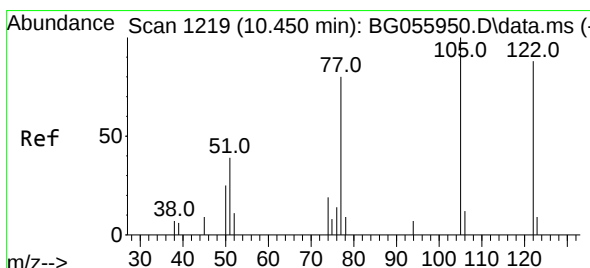
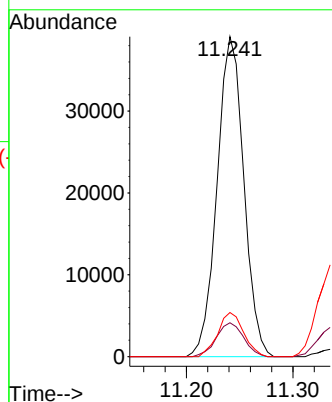
PB149805BS



Tgt Ion:128 Resp: 6815
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.8 10.3 15.5

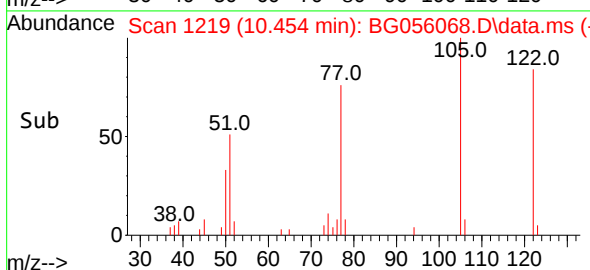
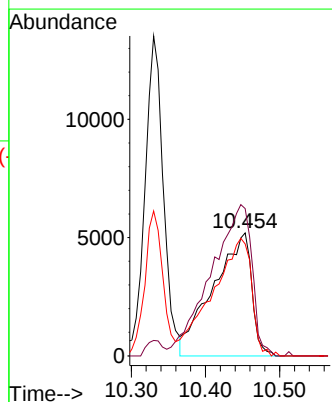
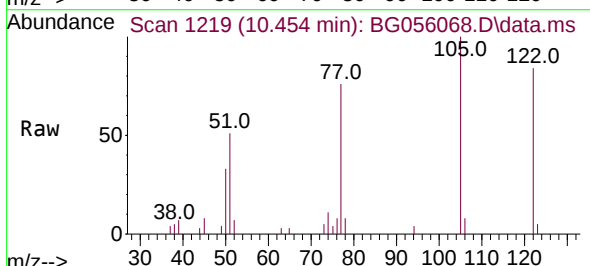
Manual Integrations
APPROVED

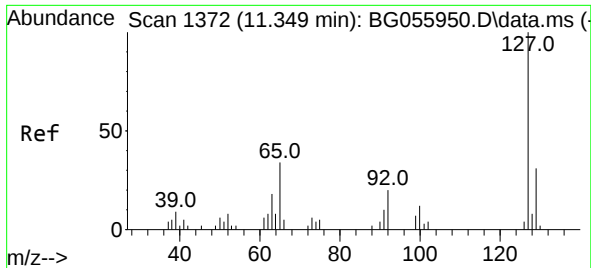
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#32
Benzoic acid
Concen: 43.569 ng
RT: 10.454 min Scan# 1219
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:122 Resp: 18650
Ion Ratio Lower Upper
122 100
105 119.7 90.6 130.6
77 91.0 61.0 101.0





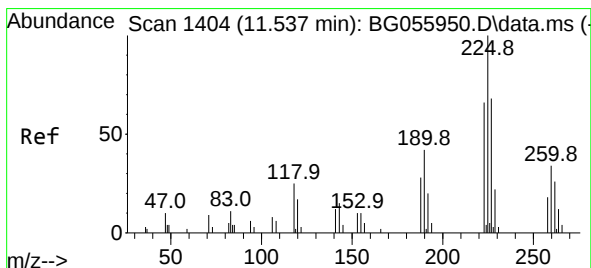
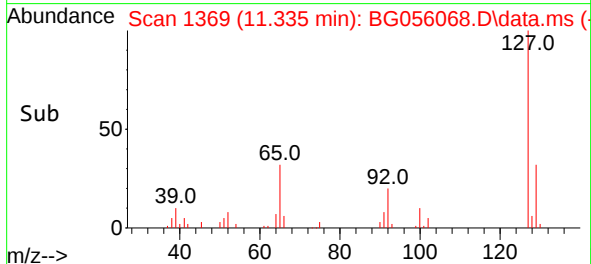
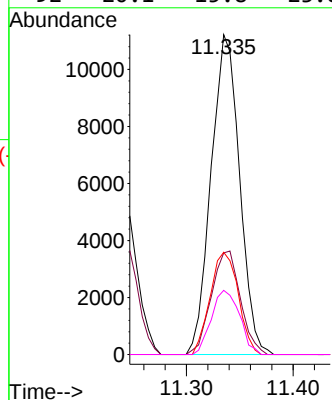
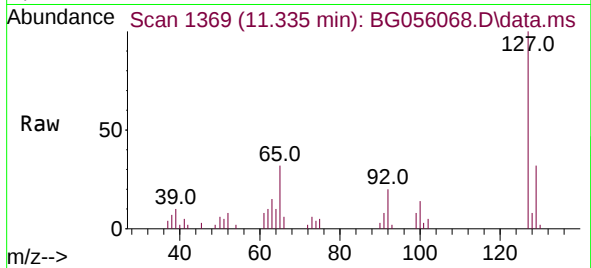
#33
4-Chloroaniline
Concen: 26.077 ng
RT: 11.335 min Scan# 1372
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB149805BS

Tgt Ion:127	Resp:	2084
Ion Ratio	Lower	Upper
127	100	
129	31.8	24.5 36.7
65	32.0	27.1 40.7
92	20.1	15.8 23.8

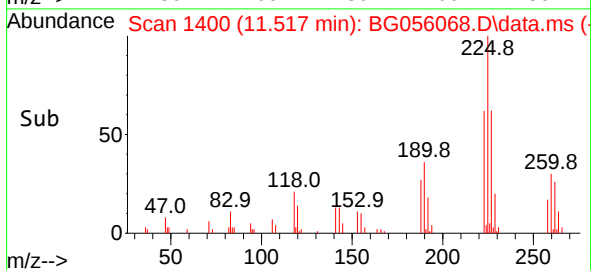
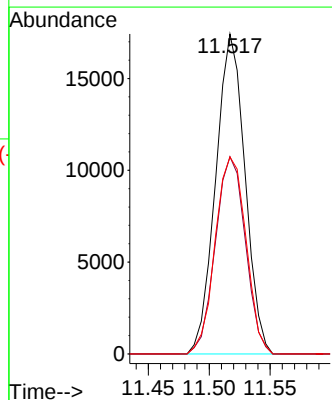
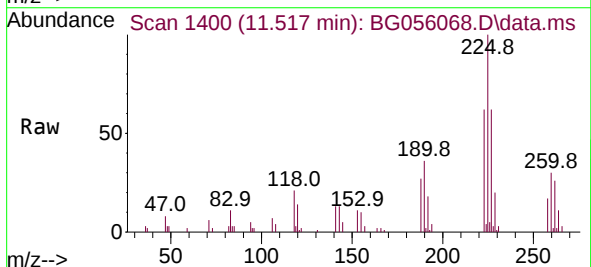
Manual Integrations
APPROVED

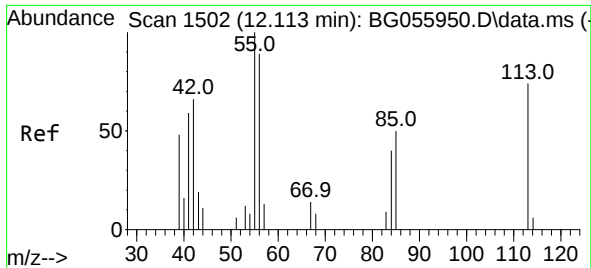
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#34
Hexachlorobutadiene
Concen: 33.185 ng
RT: 11.517 min Scan# 1400
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

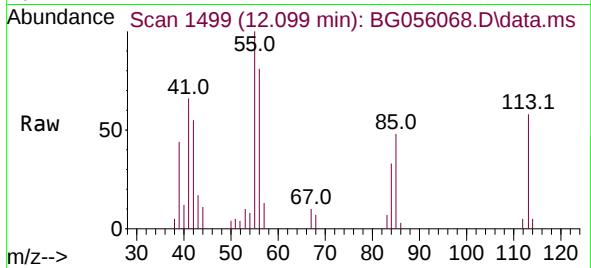
Tgt Ion:225	Resp:	29129
Ion Ratio	Lower	Upper
225	100	
223	61.6	53.2 79.8
227	61.5	54.7 82.1





#35
Caprolactam
Concen: 42.860 ng m
RT: 12.099 min Scan# 1499
Delta R.T. -0.009 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

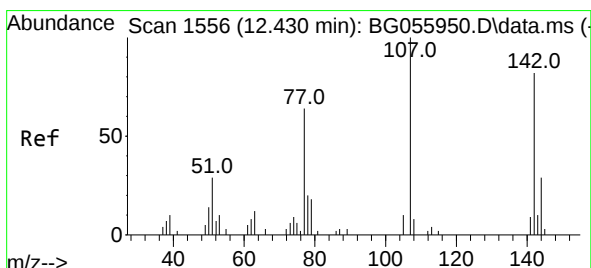
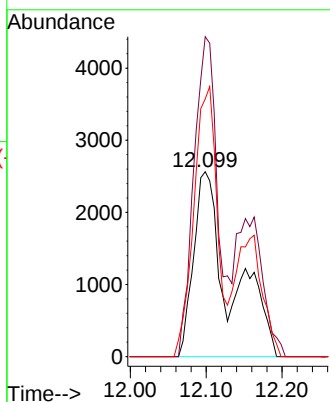
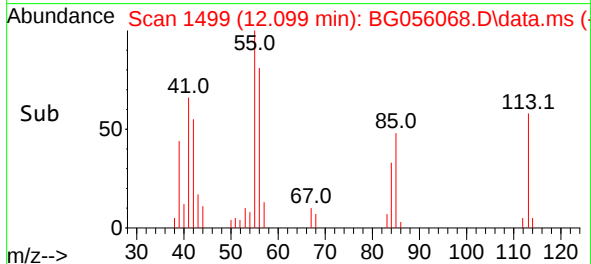
Instrument :
BNA_G
ClientSampleId :
PB149805BS



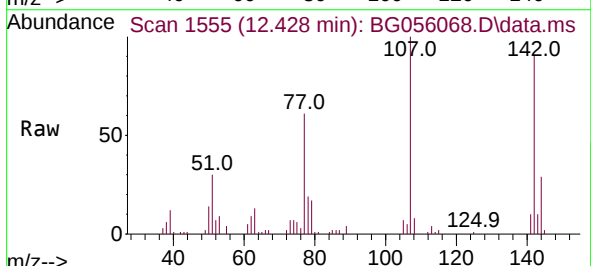
Tgt Ion:113 Resp: 8572
Ion Ratio Lower Upper
113 100
55 173.1 114.8 154.8
56 139.4 99.8 139.8

Manual Integrations
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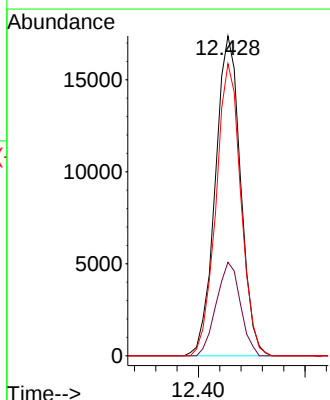
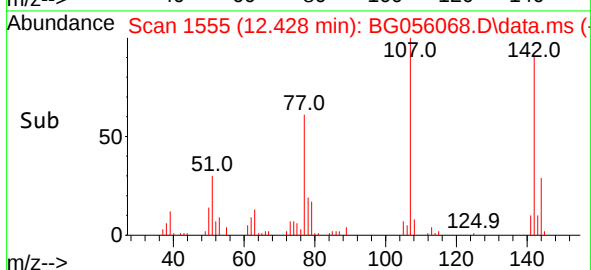
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

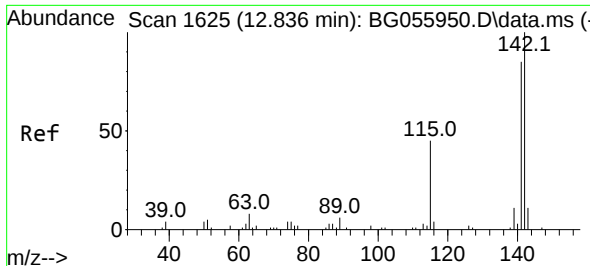


#36
4-Chloro-3-methylphenol
Concen: 42.557 ng
RT: 12.428 min Scan# 1555
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:107 Resp: 28662
Ion Ratio Lower Upper
107 100
144 29.3 23.3 34.9
142 91.3 65.6 98.4





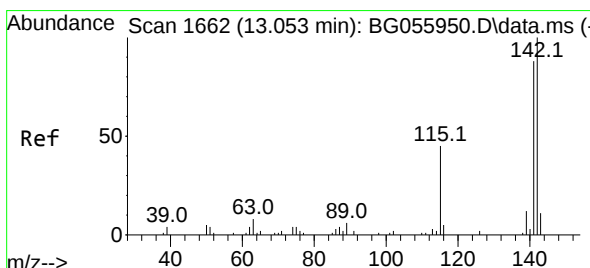
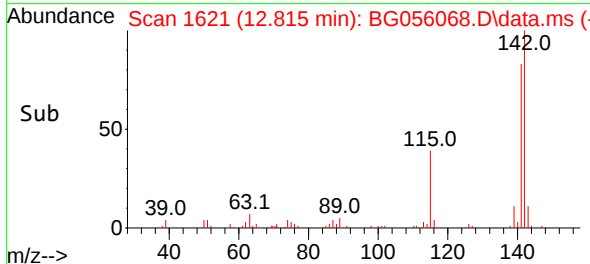
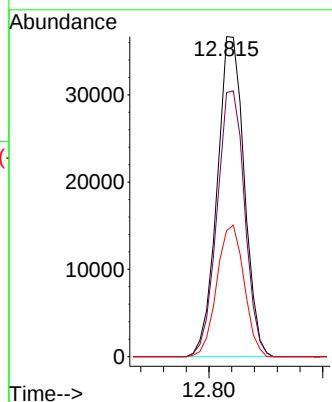
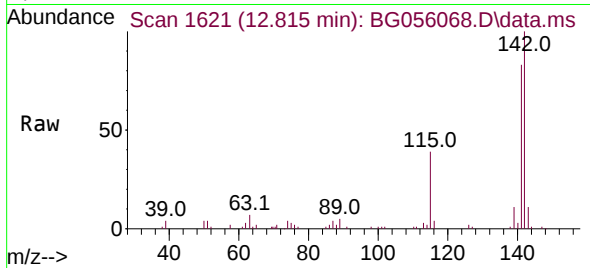
#37
2-Methylnaphthalene
Concen: 36.886 ng
RT: 12.815 min Scan# 1621
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB149805BS

Tgt Ion:142 Resp: 60764
Ion Ratio Lower Upper
142 100
141 82.5 67.8 101.6
115 39.4 35.7 53.5

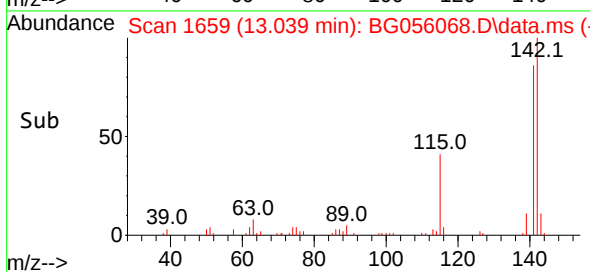
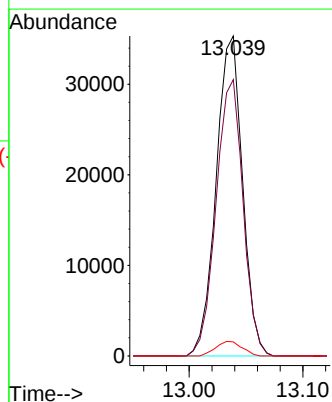
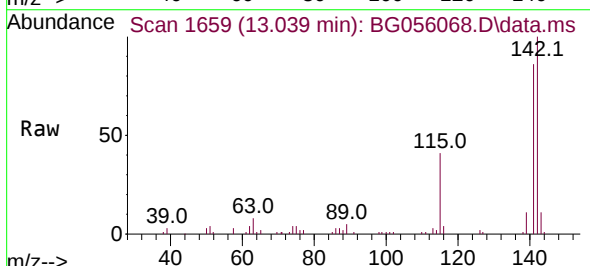
Manual Integrations
APPROVED

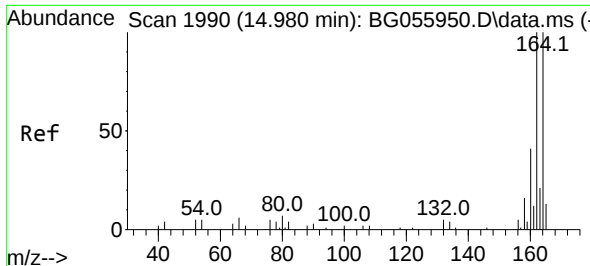
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#38
1-Methylnaphthalene
Concen: 35.467 ng
RT: 13.039 min Scan# 1659
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

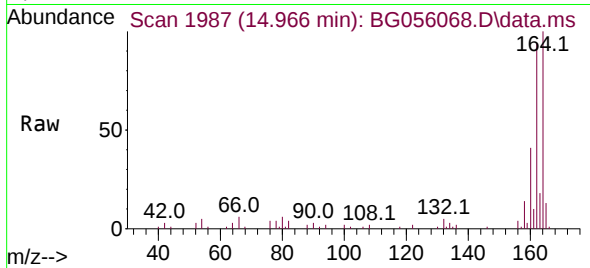
Tgt Ion:142 Resp: 56919
Ion Ratio Lower Upper
142 100
141 86.3 70.2 105.2
116 4.4 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.966 min Scan# 1990
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

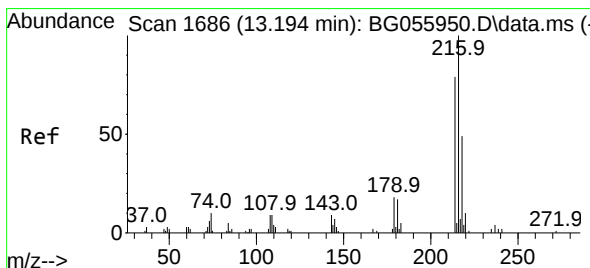
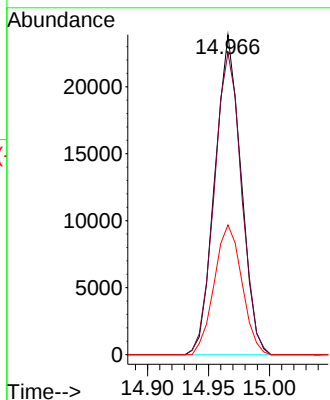
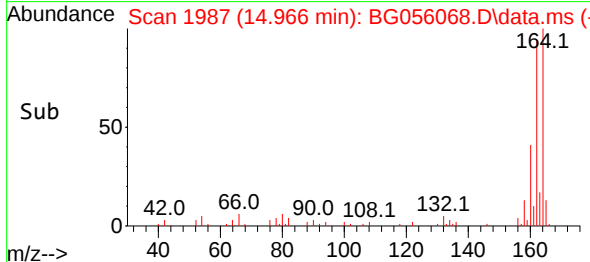
Instrument :
BNA_G
ClientSampleId :
PB149805BS



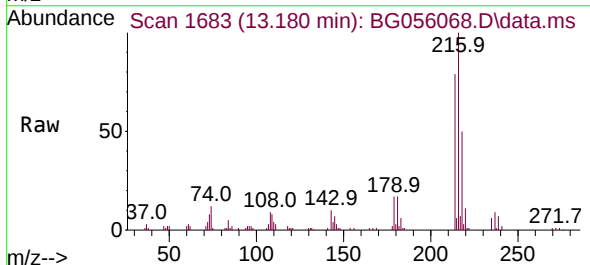
Tgt Ion:164 Resp: 35590
Ion Ratio Lower Upper
164 100
162 94.3 79.8 119.8
160 40.5 33.0 49.4

Manual Integrations
APPROVED

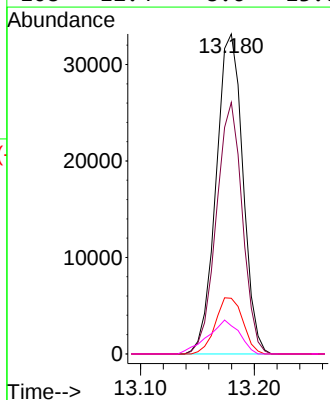
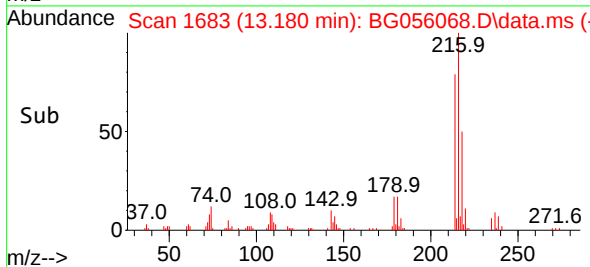
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

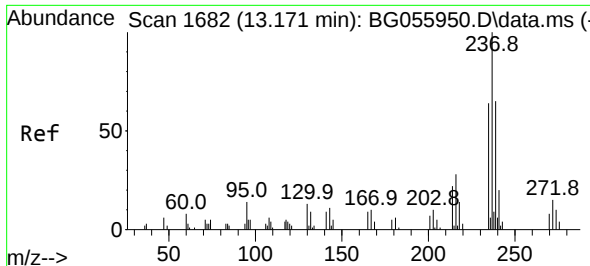


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.093 ng
RT: 13.180 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



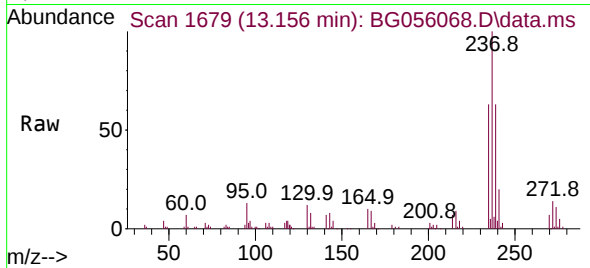
Tgt Ion:216 Resp: 54197
Ion Ratio Lower Upper
216 100
214 76.2 61.5 92.3
179 17.9 14.6 21.8
108 12.4 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 87.443 ng
RT: 13.156 min Scan# 1679
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

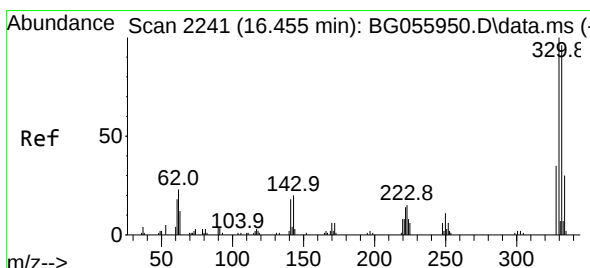
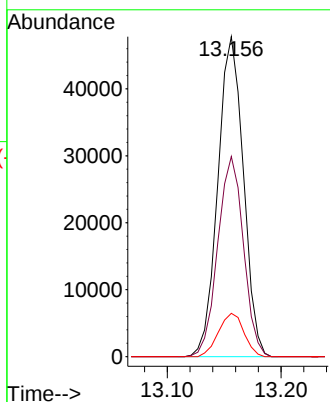
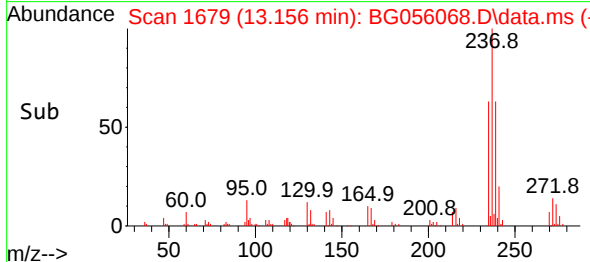
Instrument :
BNA_G
ClientSampleId :
PB149805BS



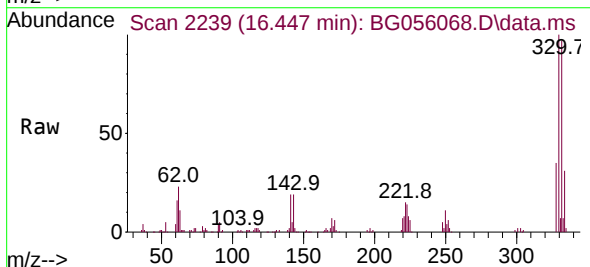
Tgt Ion:237 Resp: 74490
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 13.5 0.0 35.1

Manual Integrations
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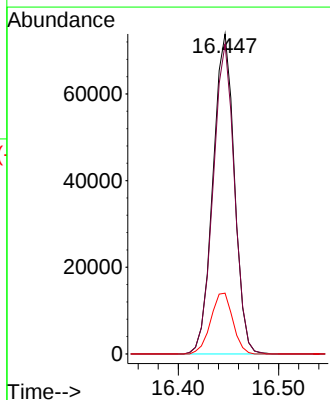
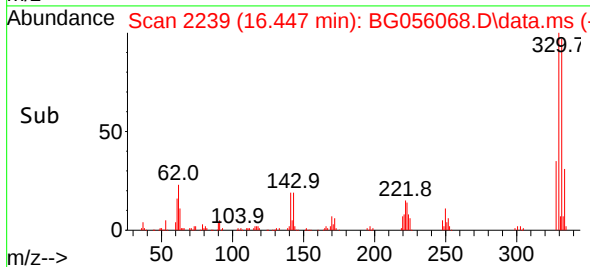
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

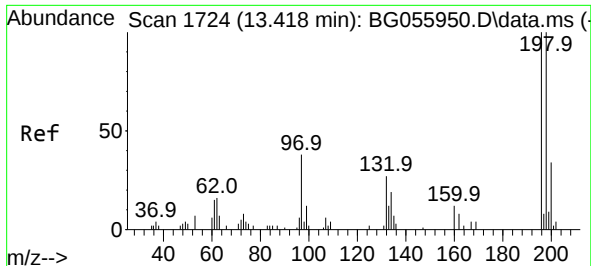


#42
2,4,6-Tribromophenol
Concen: 127.529 ng
RT: 16.447 min Scan# 2239
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:330 Resp: 109443
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 19.5 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 40.332 ng
RT: 13.409 min Scan# 1724
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

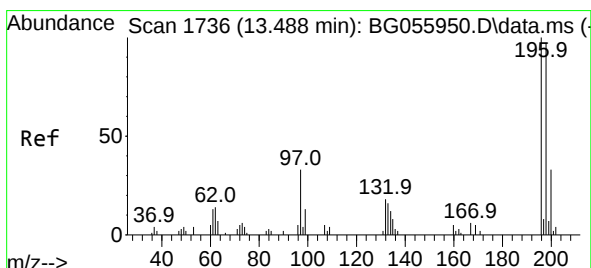
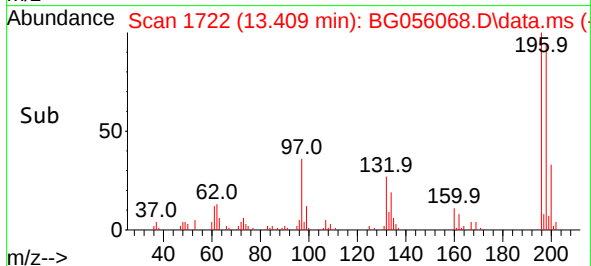
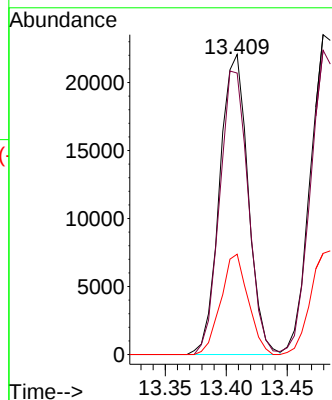
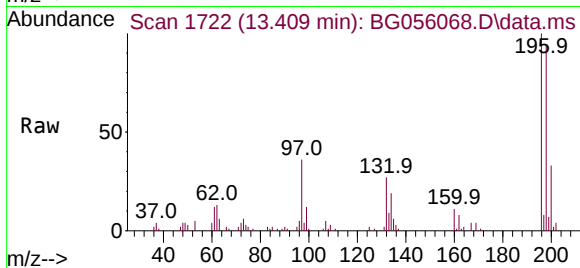
PB149805BS

Tgt Ion:196 Resp: 35850
Ion Ratio Lower Upper
196 100
198 93.8 80.2 120.4
200 33.5 27.6 41.4

Manual Integrations

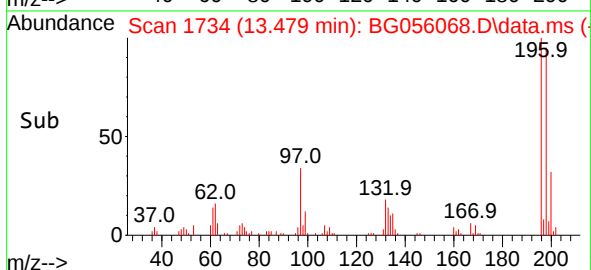
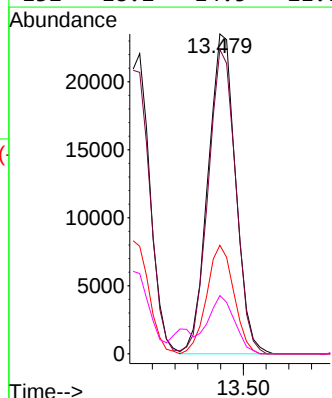
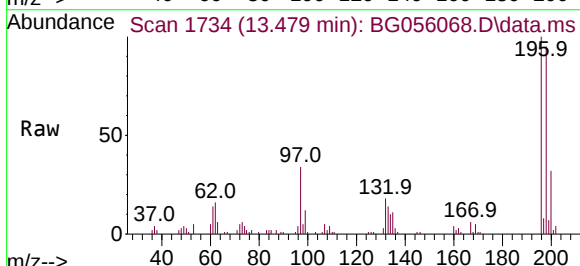
APPROVED

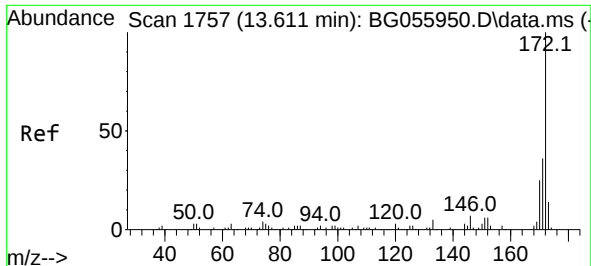
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#44
2,4,5-Trichlorophenol
Concen: 39.591 ng
RT: 13.479 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

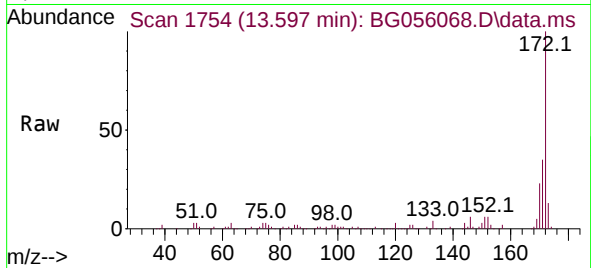
Tgt Ion:196 Resp: 39670
Ion Ratio Lower Upper
196 100
198 95.1 78.0 117.0
97 33.9 26.0 39.0
132 18.2 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 67.627 ng
RT: 13.597 min Scan# 1754
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

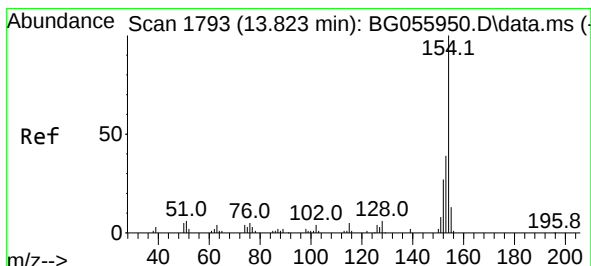
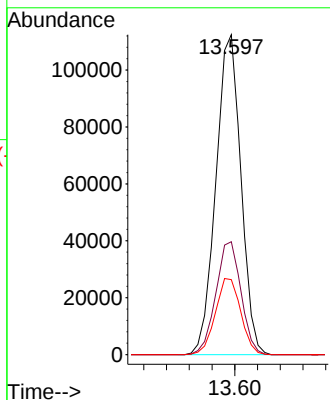
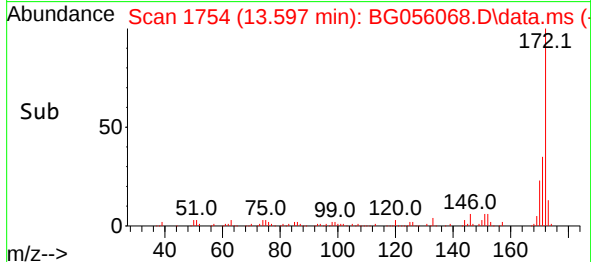
Instrument :
BNA_G
ClientSampleId :
PB149805BS



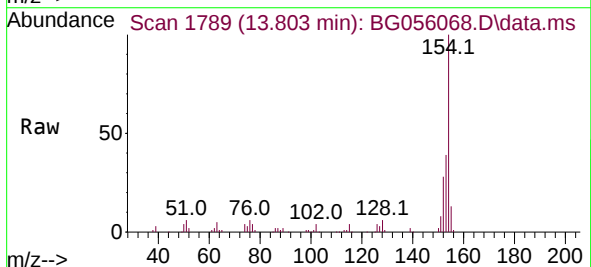
Tgt Ion:172 Resp: 171613
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.4 19.9 29.9

Manual Integrations
APPROVED

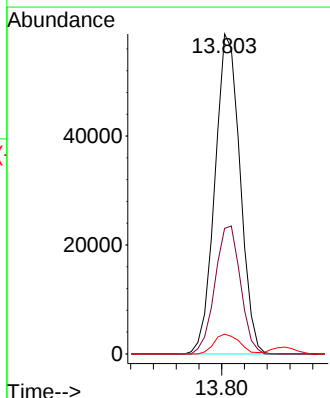
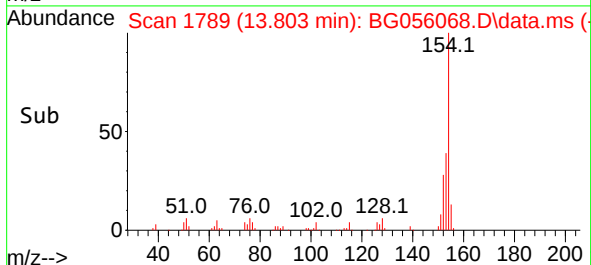
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

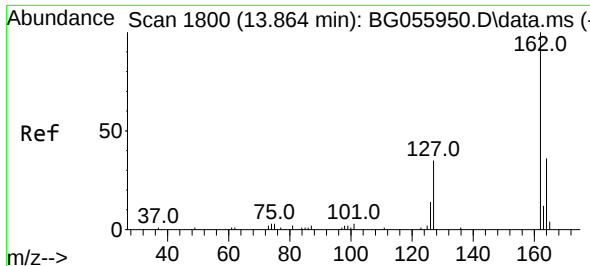


#46
1,1'-Biphenyl
Concen: 37.311 ng
RT: 13.803 min Scan# 1789
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



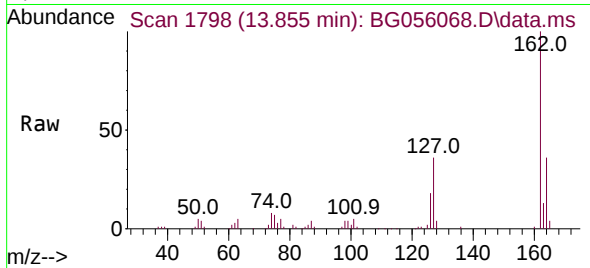
Tgt Ion:154 Resp: 90008
Ion Ratio Lower Upper
154 100
153 39.2 19.5 59.5
76 6.2 0.0 25.5





#47
2-Chloronaphthalene
Concen: 36.015 ng
RT: 13.855 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

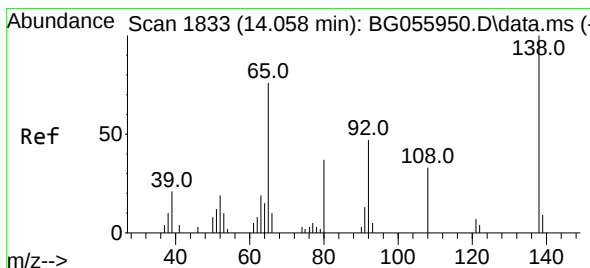
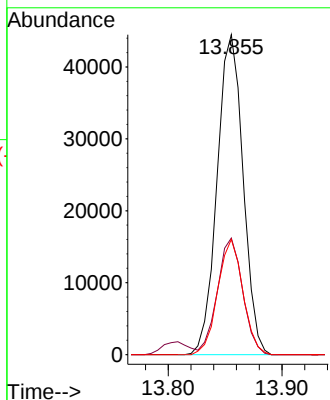
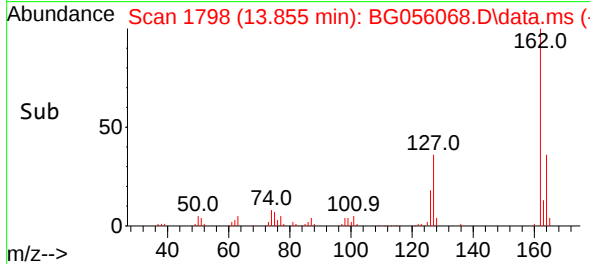
Instrument :
BNA_G
ClientSampleId :
PB149805BS



Tgt Ion:162 Resp: 70595
Ion Ratio Lower Upper
162 100
127 36.4 31.0 46.4
164 36.1 28.6 42.8

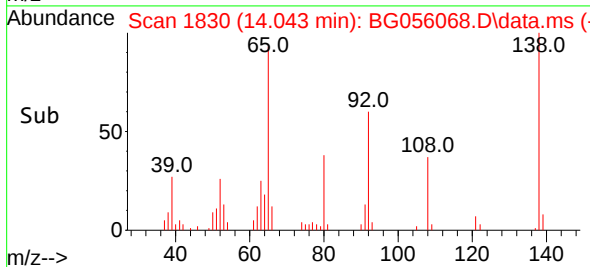
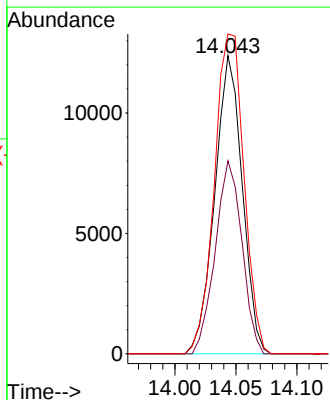
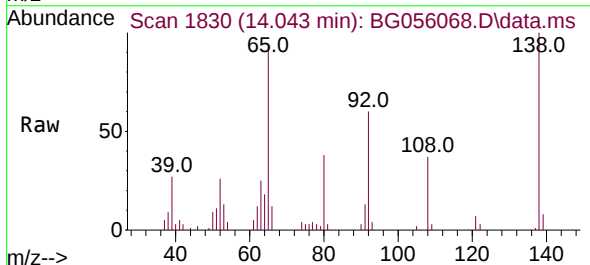
Manual Integrations
APPROVED

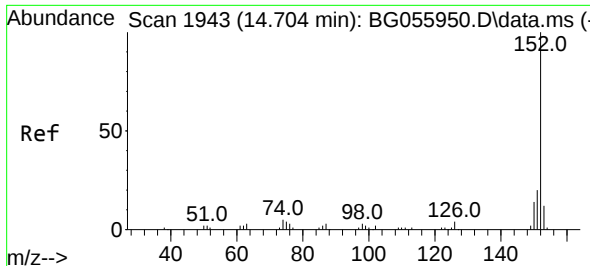
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#48
2-Nitroaniline
Concen: 50.257 ng
RT: 14.043 min Scan# 1830
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

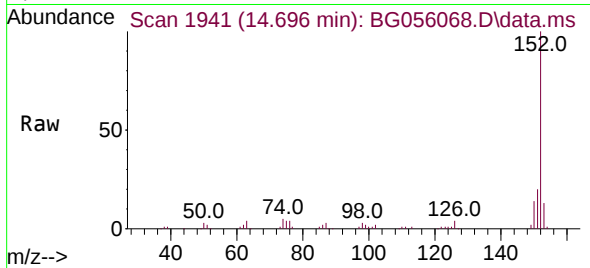
Tgt Ion: 65 Resp: 19474
Ion Ratio Lower Upper
65 100
92 64.7 49.7 74.5
138 107.2 105.0 157.6





#49
Acenaphthylene
Concen: 36.505 ng
RT: 14.696 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

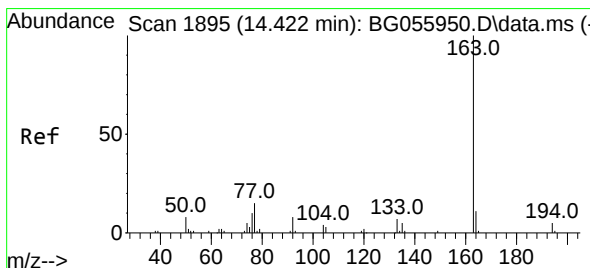
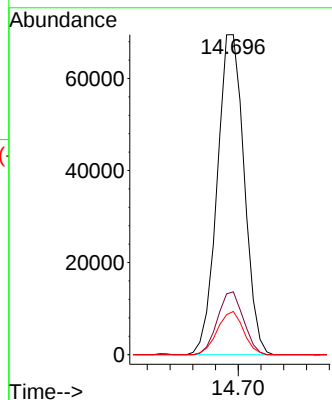
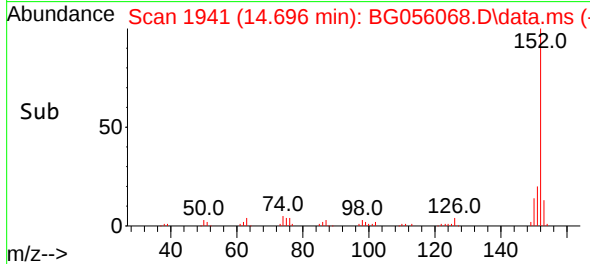
Instrument :
BNA_G
ClientSampleId :
PB149805BS



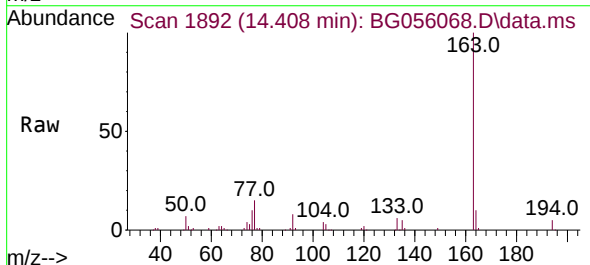
Tgt Ion:152 Resp: 114216
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.5 10.0 15.0

Manual Integrations
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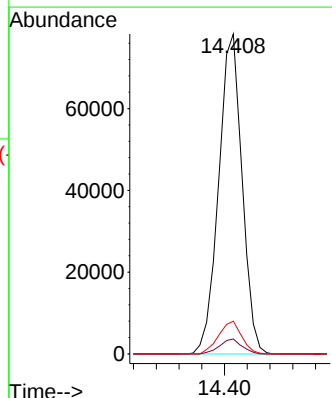
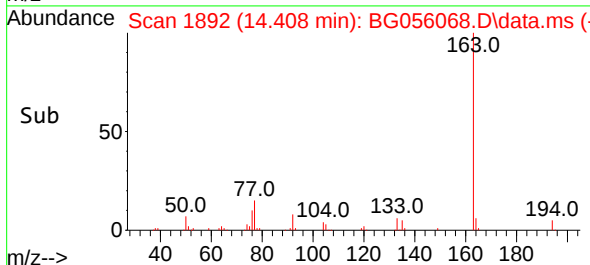
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

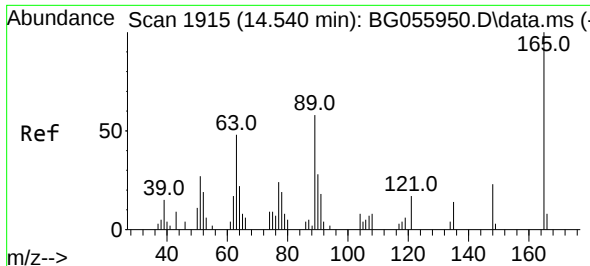


#50
Dimethylphthalate
Concen: 36.209 ng
RT: 14.408 min Scan# 1892
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



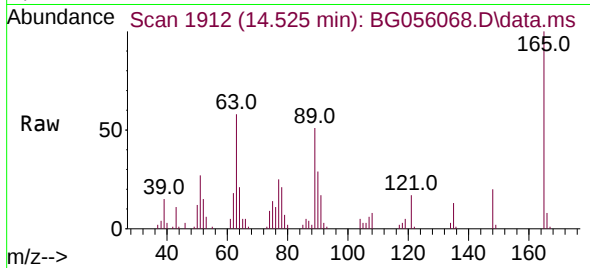
Tgt Ion:163 Resp: 111415
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.2 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 49.826 ng
RT: 14.525 min Scan# 1912
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

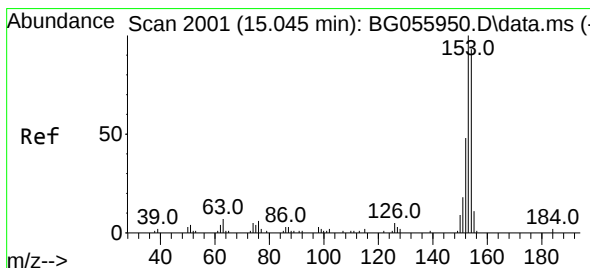
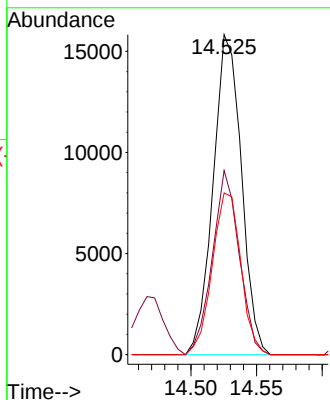
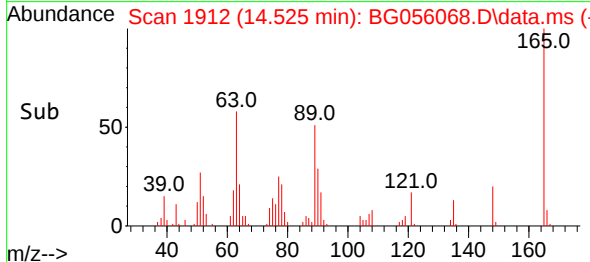
Instrument :
BNA_G
ClientSampleId :
PB149805BS



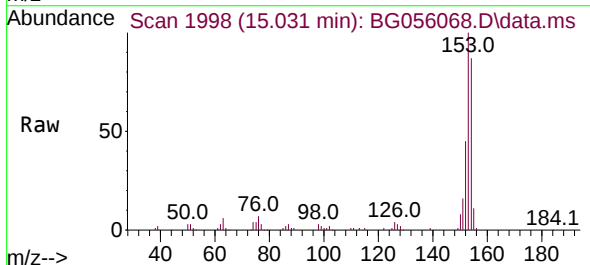
Tgt Ion:165 Resp: 23725
Ion Ratio Lower Upper
165 100
63 57.5 38.3 57.5
89 50.5 46.3 69.5

Manual Integrations
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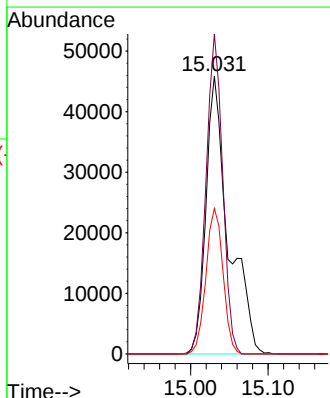
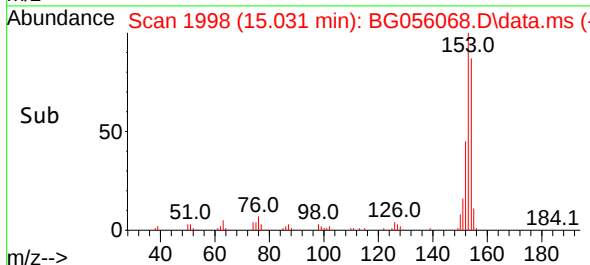
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

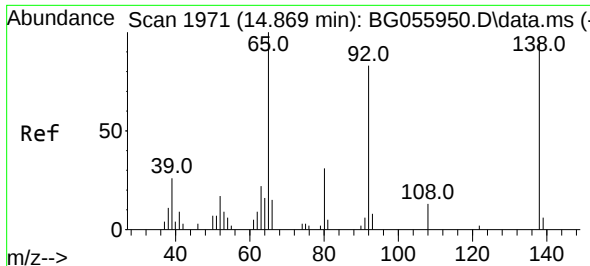


#52
Acenaphthene
Concen: 44.295 ng
RT: 15.031 min Scan# 1998
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:154 Resp: 93040
Ion Ratio Lower Upper
154 100
153 115.1 86.2 129.2
152 52.3 41.4 62.0





#53
3-Nitroaniline
Concen: 31.658 ng
RT: 14.860 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

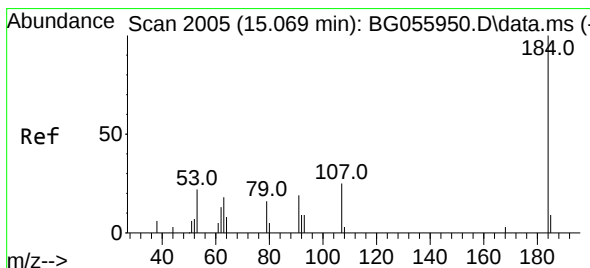
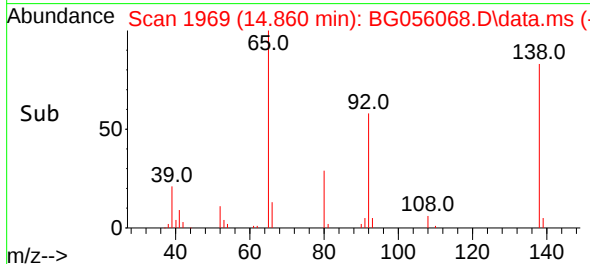
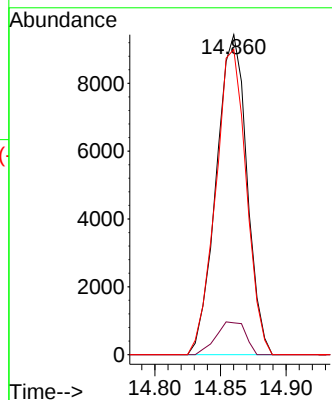
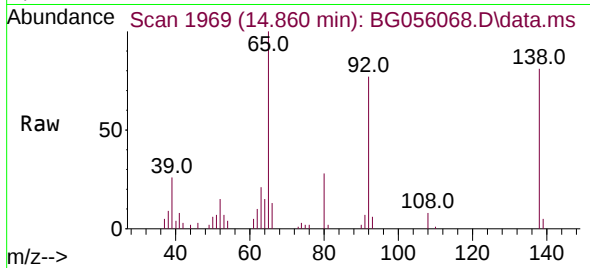
ClientSampleId :

PB149805BS

Tgt Ion:138 Resp: 1533
Ion Ratio Lower Upper
138 100
108 9.9 10.9 16.3#
92 95.4 69.4 104.0

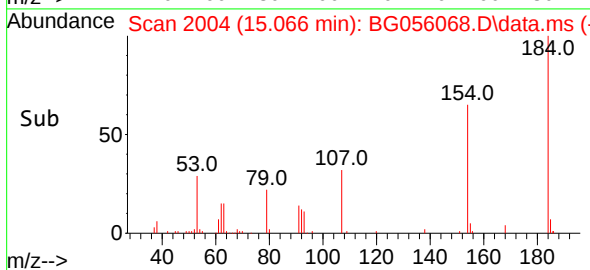
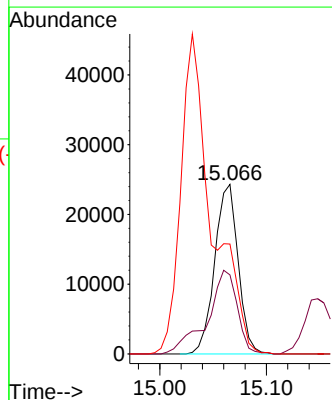
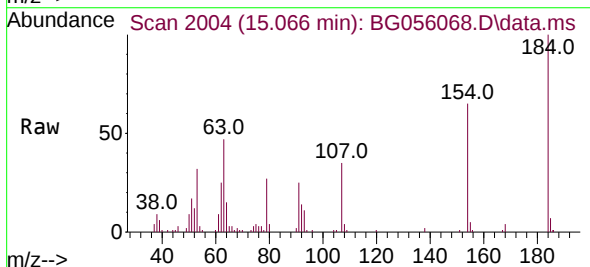
Manual Integrations
APPROVED

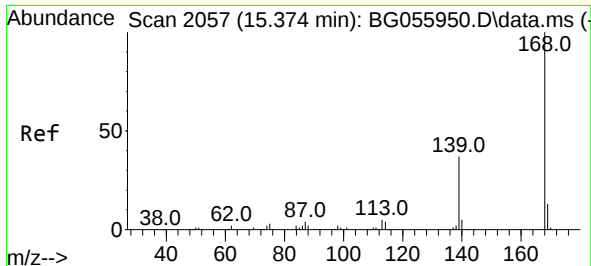
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#54
2,4-Dinitrophenol
Concen: 104.759 ng
RT: 15.066 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

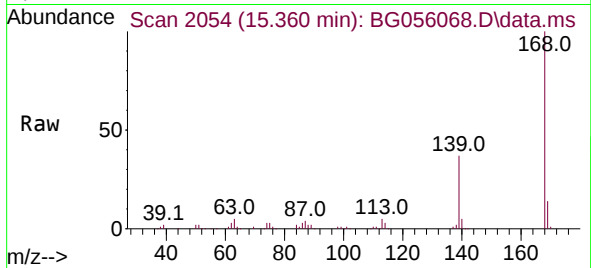
Tgt Ion:184 Resp: 37083
Ion Ratio Lower Upper
184 100
63 46.6 23.0 34.4#
154 64.8 67.0 100.4#





#55
Dibenzofuran
Concen: 36.161 ng
RT: 15.360 min Scan# 2057
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

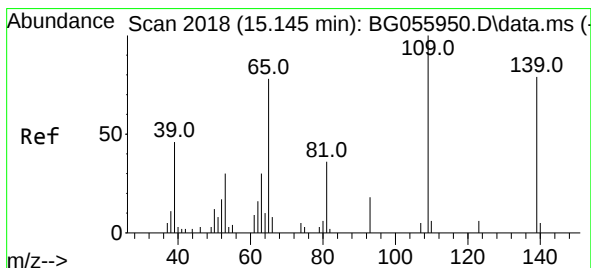
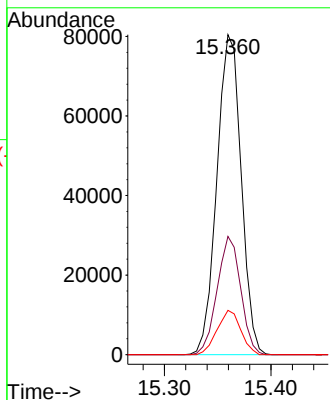
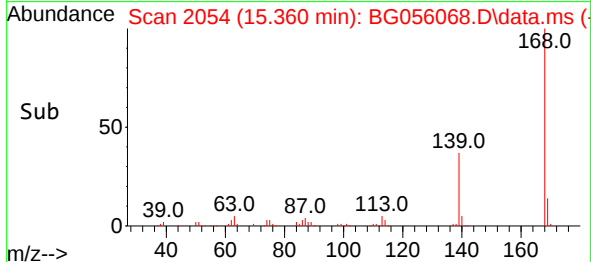
Instrument :
BNA_G
ClientSampleId :
PB149805BS



Tgt Ion:168 Resp: 127726
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8
169 13.8 10.6 16.0

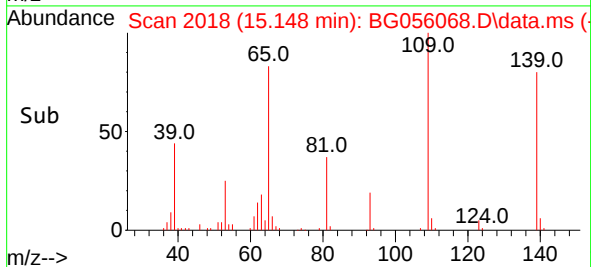
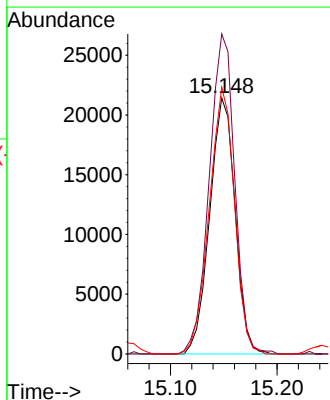
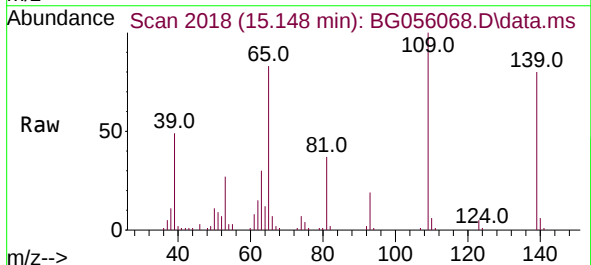
Manual Integrations
APPROVED

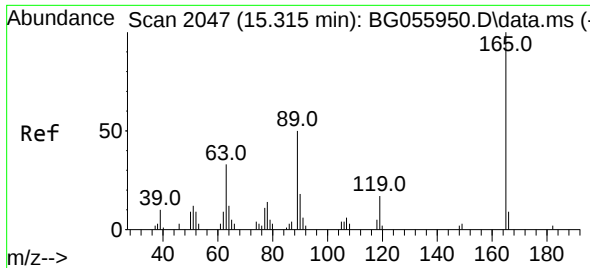
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#56
4-Nitrophenol
Concen: 91.435 ng
RT: 15.148 min Scan# 2018
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:139 Resp: 35487
Ion Ratio Lower Upper
139 100
109 125.1 106.7 146.7
65 104.2 79.2 119.2





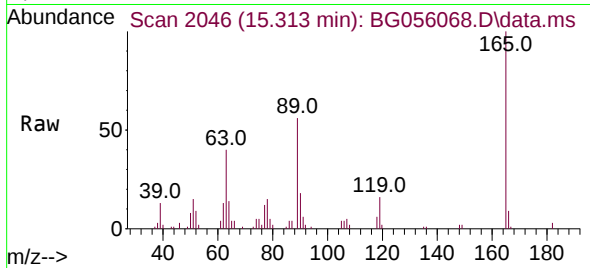
#57
2,4-Dinitrotoluene
Concen: 48.233 ng
RT: 15.313 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB149805BS

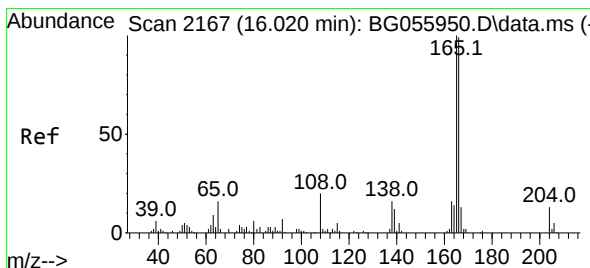
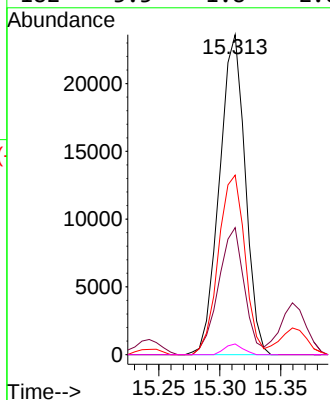
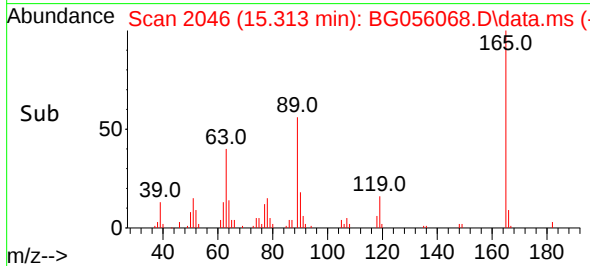


Tgt Ion:165 Resp: 34662
Ion Ratio Lower Upper
165 100
63 39.7 26.6 39.8
89 56.1 40.1 60.1
182 3.3 1.8 2.6#

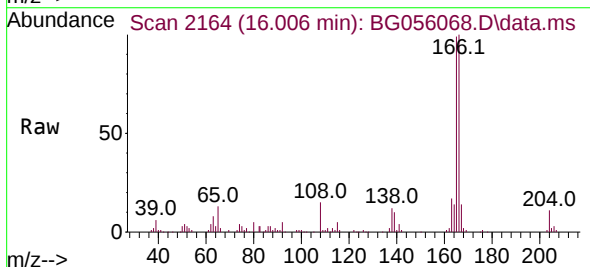
Manual Integrations

APPROVED

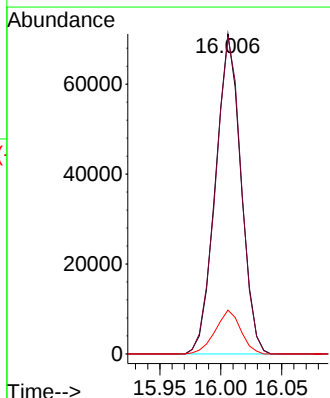
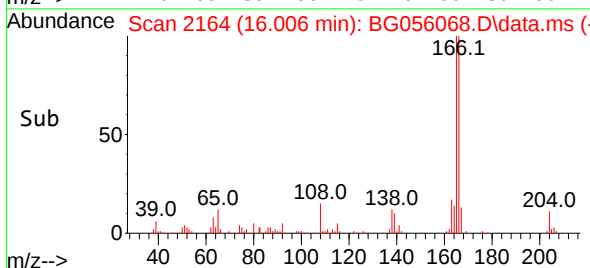
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

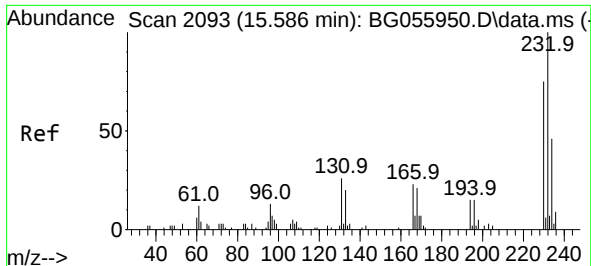


#58
Fluorene
Concen: 35.659 ng
RT: 16.006 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:166 Resp: 102962
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.7 10.5 15.7





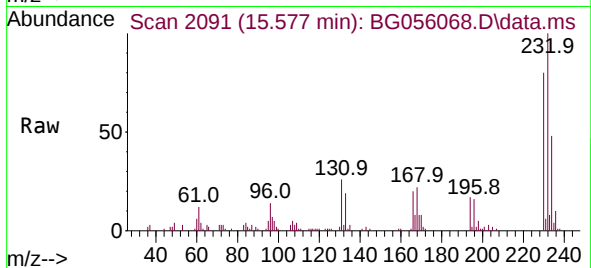
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.808 ng
RT: 15.577 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

PB149805BS

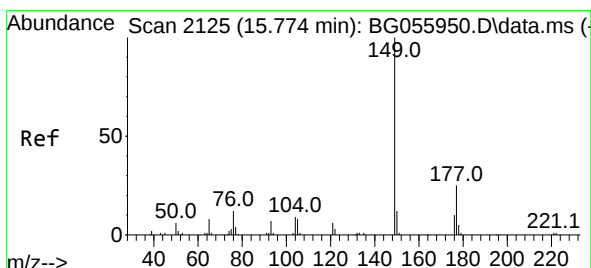
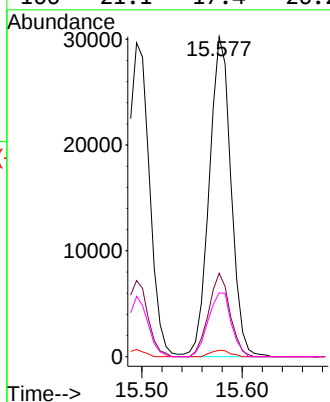
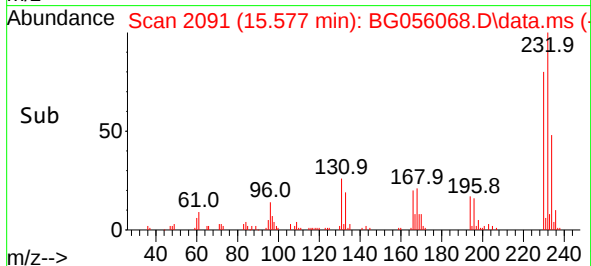


Tgt Ion:232 Resp: 45569
Ion Ratio Lower Upper
232 100
131 25.4 20.7 31.1
130 1.8 1.2 1.8
166 21.1 17.4 26.2

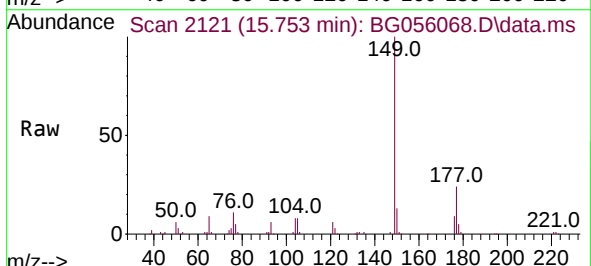
Manual Integrations

APPROVED

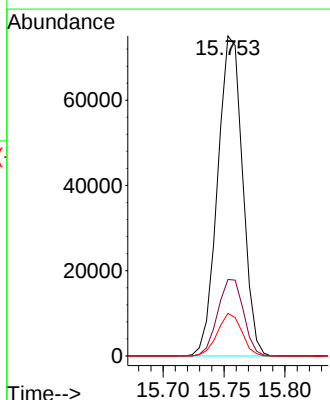
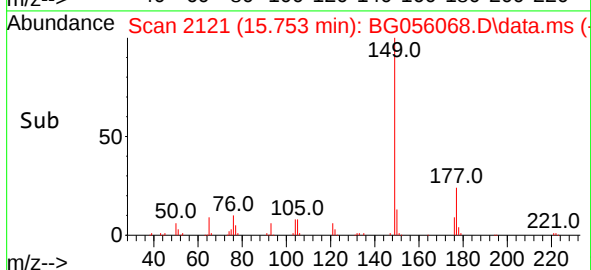
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

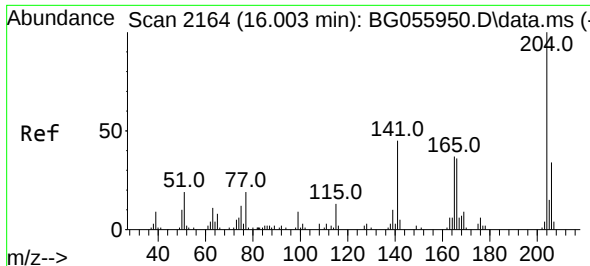


#60
Diethylphthalate
Concen: 35.481 ng
RT: 15.753 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:149 Resp: 106709
Ion Ratio Lower Upper
149 100
177 23.9 19.7 29.5
150 13.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 36.855 ng
RT: 15.988 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

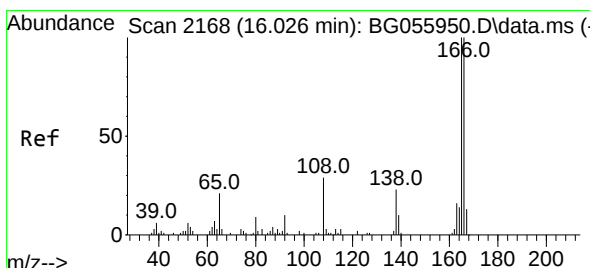
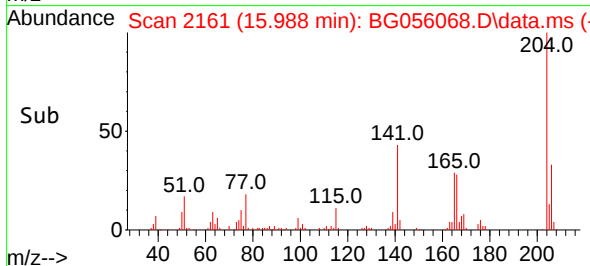
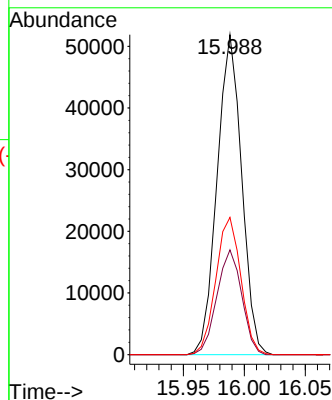
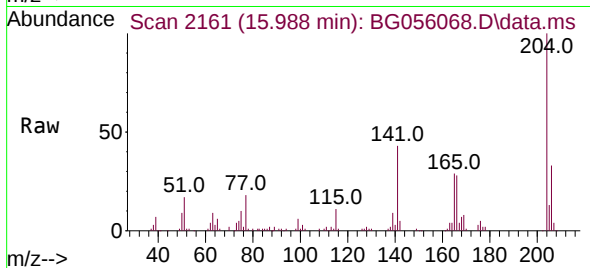
PB149805BS

Tgt Ion:204 Resp: 72492
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 42.9 36.3 54.5

Manual Integrations

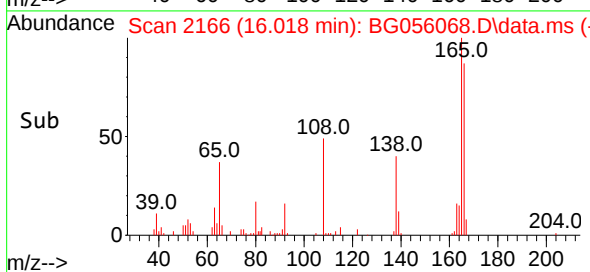
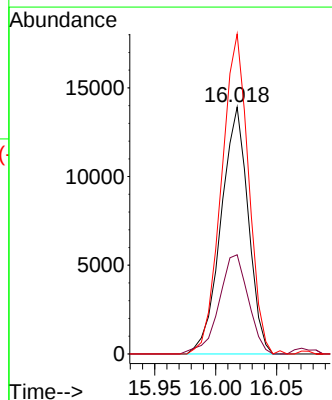
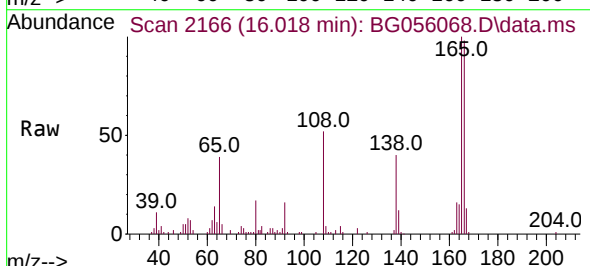
APPROVED

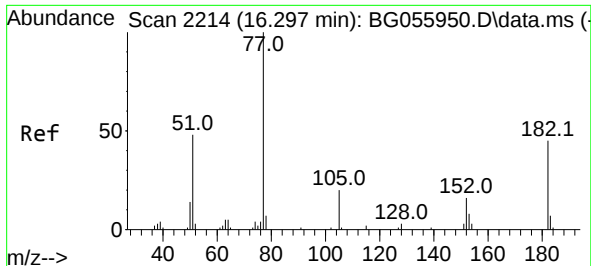
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#62
4-Nitroaniline
Concen: 40.988 ng
RT: 16.018 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:138 Resp: 21619
Ion Ratio Lower Upper
138 100
92 40.2 24.4 64.4
108 129.6 110.1 150.1





#63
Azobenzene
Concen: 36.183 ng
RT: 16.282 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

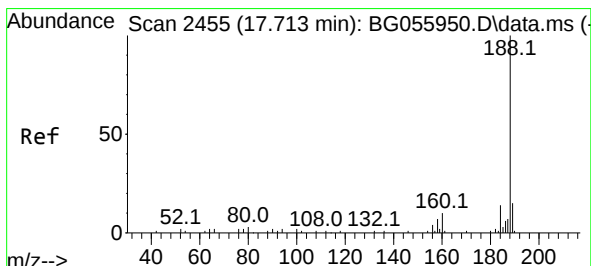
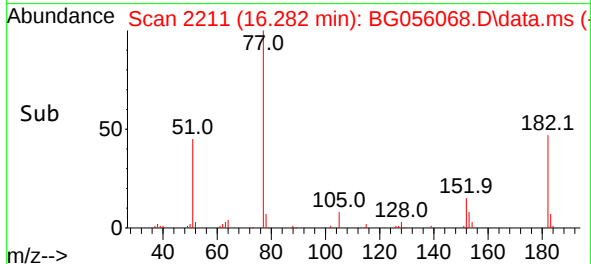
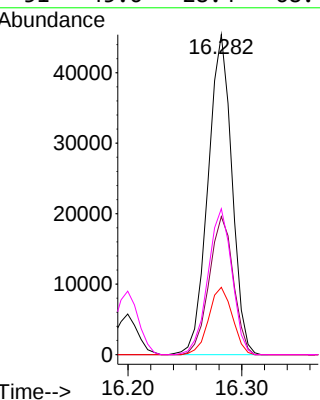
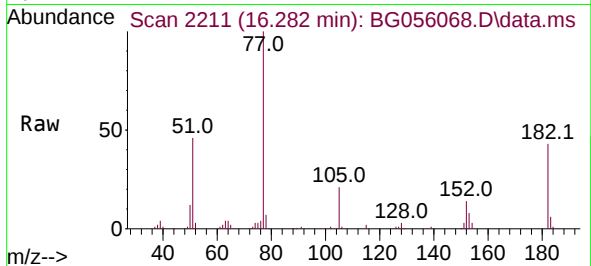
PB149805BS

Tgt Ion: 77 Resp: 66233
Ion Ratio Lower Upper
77 100
182 43.1 24.7 64.7
105 21.0 0.3 40.3
51 45.6 28.4 68.4

Manual Integrations

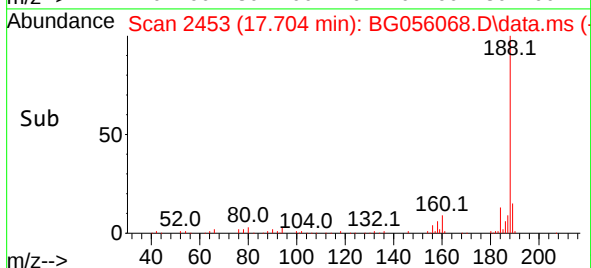
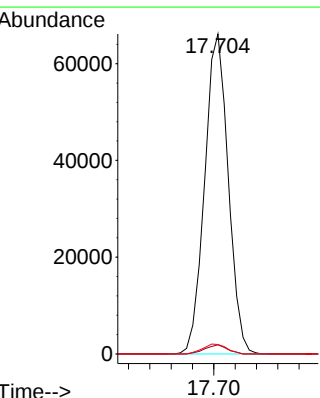
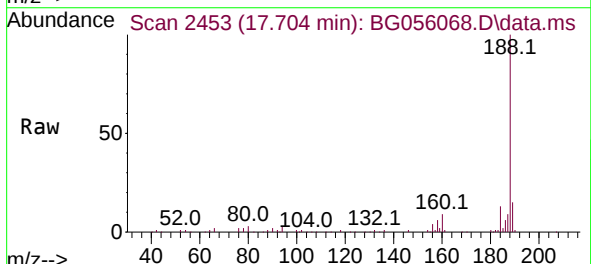
APPROVED

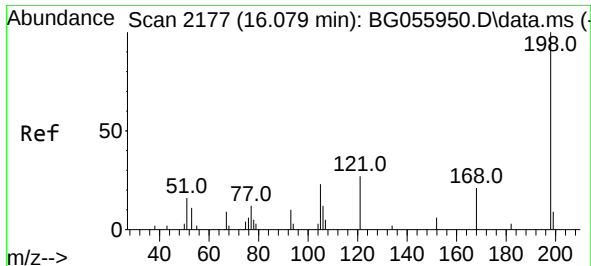
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.704 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

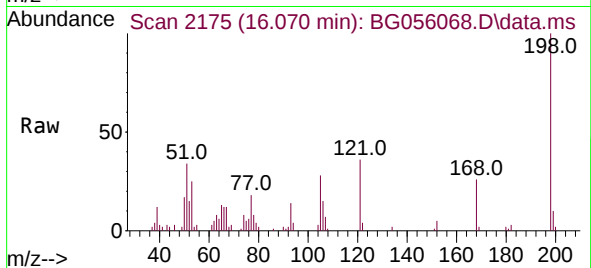
Tgt Ion:188 Resp: 101511
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.9 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.396 ng
RT: 16.070 min Scan# 2175
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

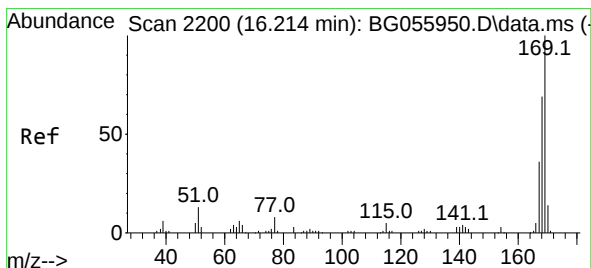
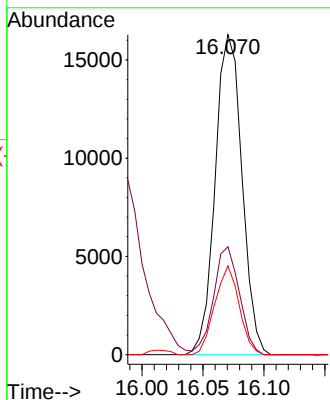
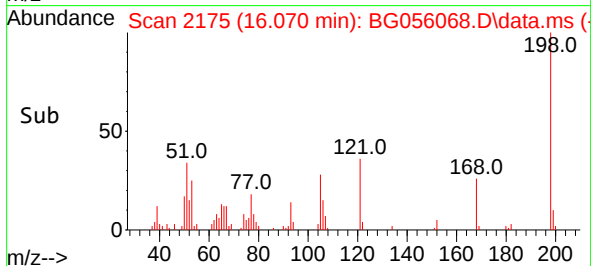
Instrument :
BNA_G
ClientSampleId :
PB149805BS



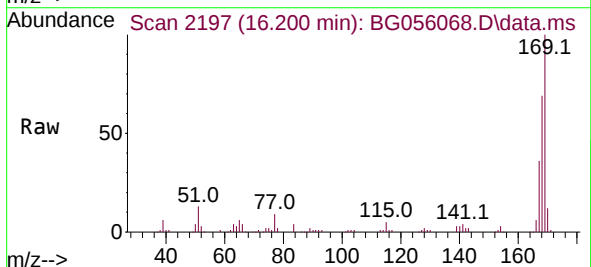
Tgt Ion:198 Resp: 24923
Ion Ratio Lower Upper
198 100
51 33.7 3.0 43.0
105 27.7 3.3 43.3

Manual Integrations
APPROVED

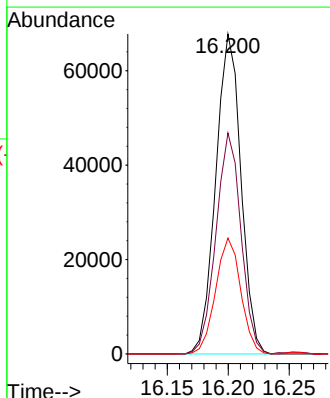
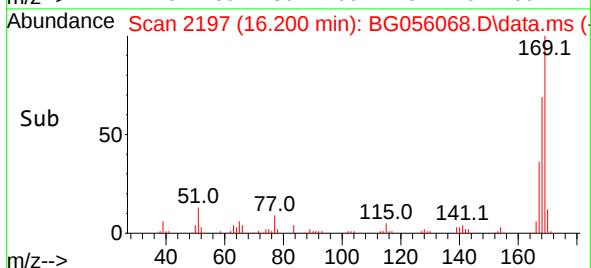
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

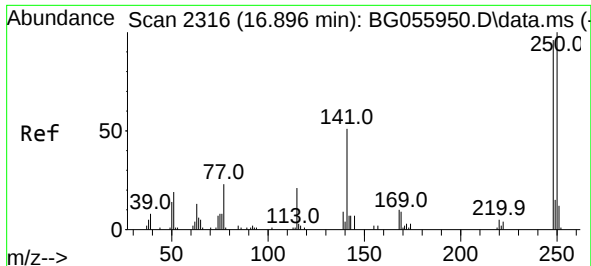


#66
n-Nitrosodiphenylamine
Concen: 36.655 ng
RT: 16.200 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:169 Resp: 97507
Ion Ratio Lower Upper
169 100
168 69.0 55.3 82.9
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 37.340 ng
RT: 16.881 min Scan# 2316
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

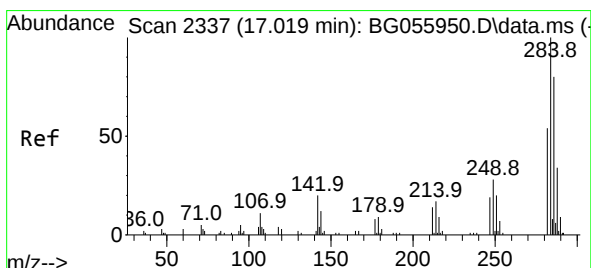
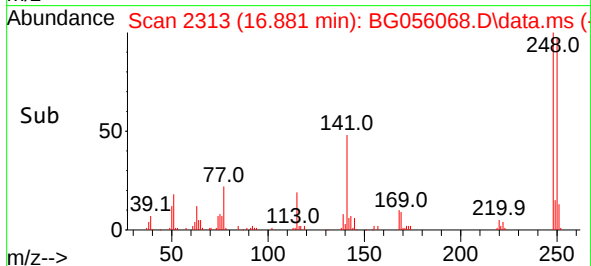
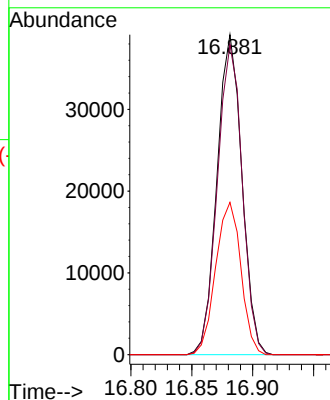
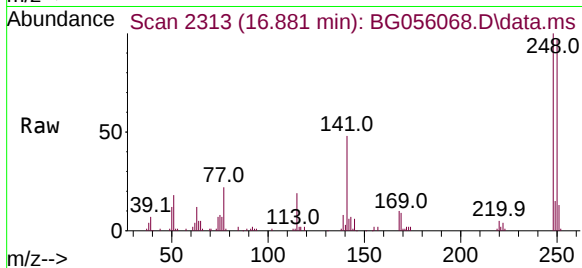
PB149805BS

Tgt Ion:248 Resp: 55542
Ion Ratio Lower Upper
248 100
250 96.8 83.0 124.6
141 47.6 42.6 64.0

Manual Integrations

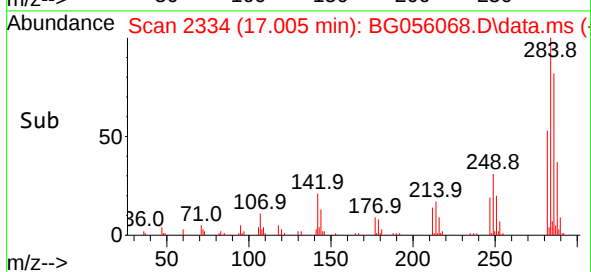
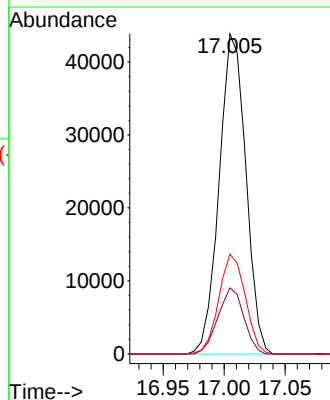
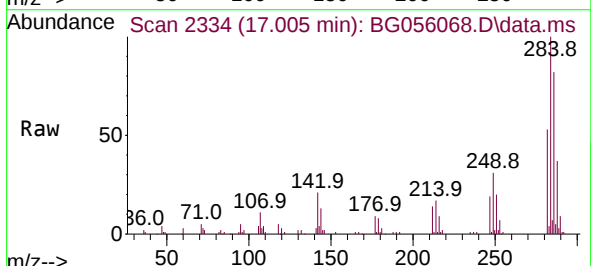
APPROVED

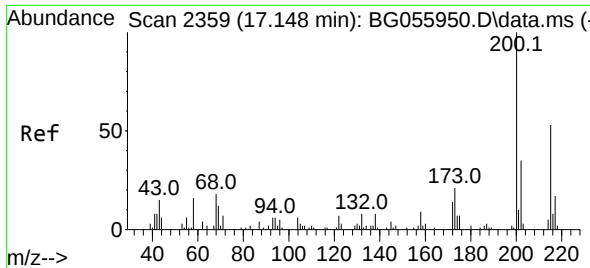
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#68
Hexachlorobenzene
Concen: 36.340 ng
RT: 17.005 min Scan# 2334
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Tgt Ion:284 Resp: 66581
Ion Ratio Lower Upper
284 100
142 20.6 16.2 24.2
249 33.3 22.8 34.2





#69
 Atrazine
 Concen: 35.314 ng
 RT: 17.134 min Scan# 2356
 Delta R.T. -0.003 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59

Instrument :

BNA_G

ClientSampleId :

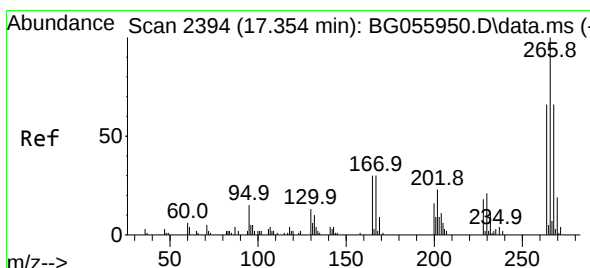
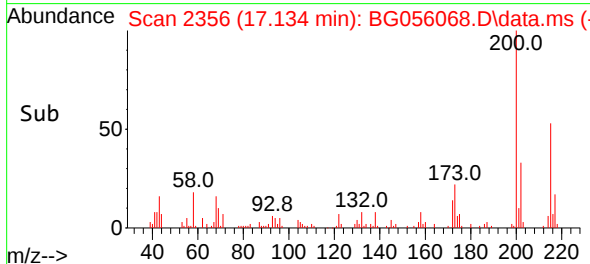
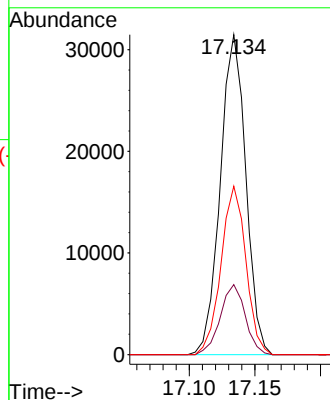
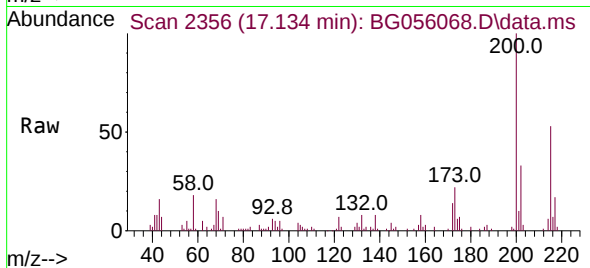
PB149805BS

Tgt Ion:200 Resp: 42535
 Ion Ratio Lower Upper
 200 100
 173 21.9 1.4 41.4
 215 52.6 33.3 73.3

Manual Integrations

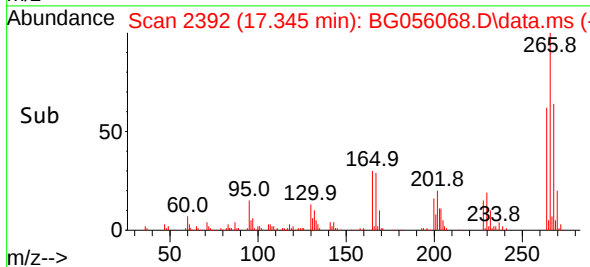
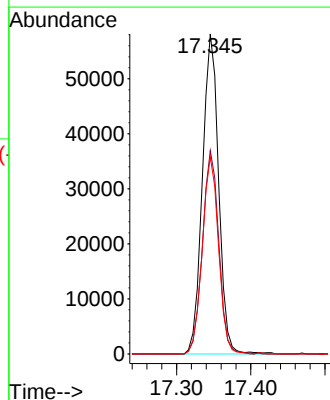
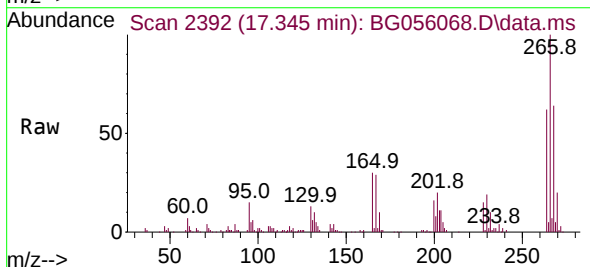
APPROVED

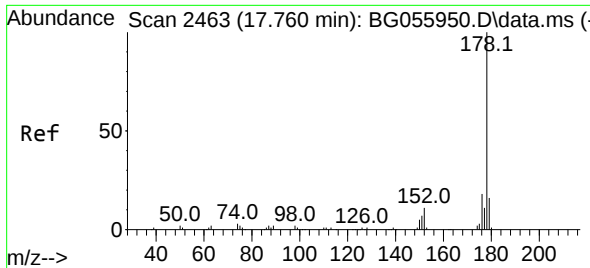
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#70
 Pentachlorophenol
 Concen: 84.302 ng
 RT: 17.345 min Scan# 2392
 Delta R.T. -0.003 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59

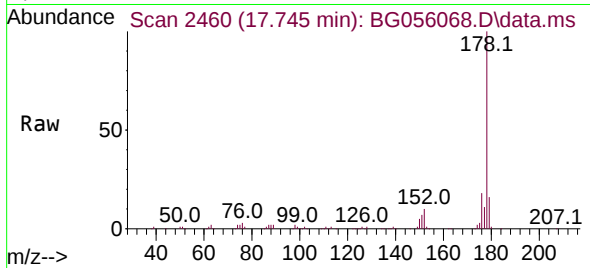
Tgt Ion:266 Resp: 88301
 Ion Ratio Lower Upper
 266 100
 268 63.5 55.5 83.3
 264 61.6 52.6 78.8





#71
Phenanthrene
Concen: 36.464 ng
RT: 17.745 min Scan# 2460
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

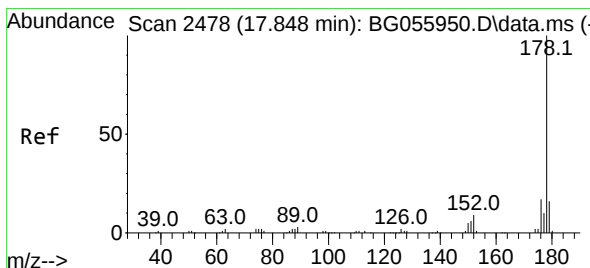
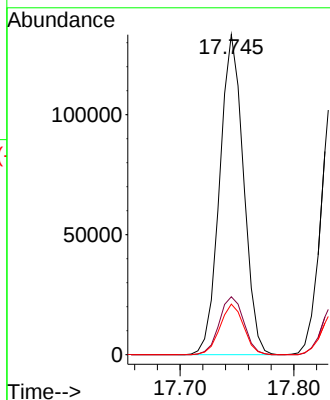
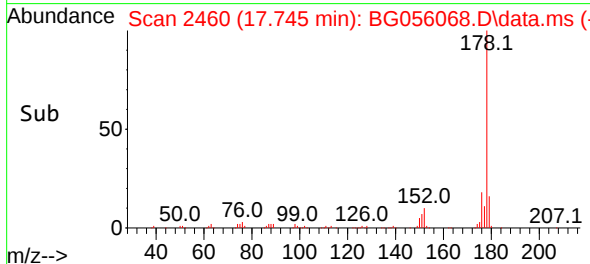
Instrument :
BNA_G
ClientSampleId :
PB149805BS



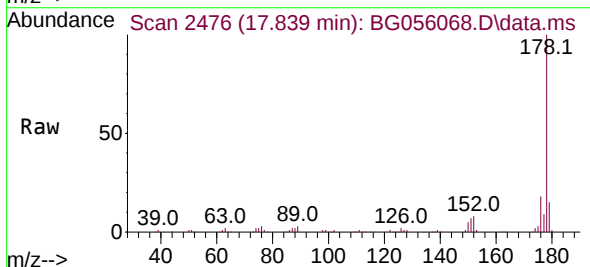
Tgt Ion:178 Resp: 193979
Ion Ratio Lower Upper
178 100
176 18.1 14.4 21.6
179 15.8 12.7 19.1

Manual Integrations
APPROVED

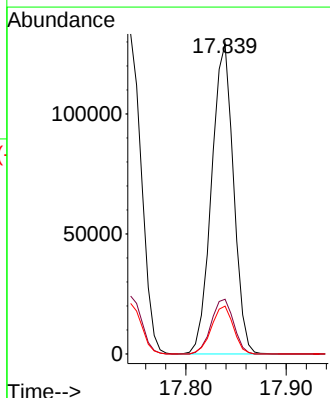
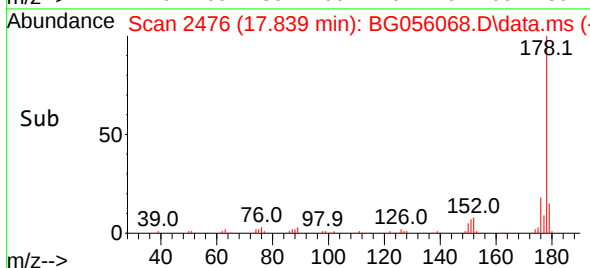
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

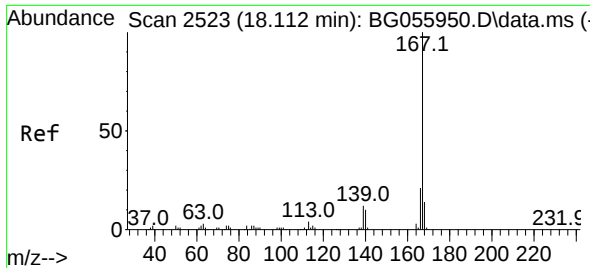


#72
Anthracene
Concen: 37.344 ng
RT: 17.839 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



Tgt Ion:178 Resp: 196539
Ion Ratio Lower Upper
178 100
176 17.6 13.9 20.9
179 15.4 12.7 19.1





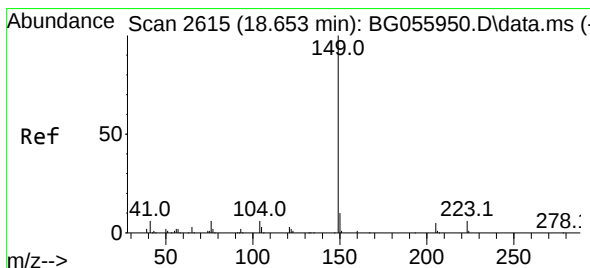
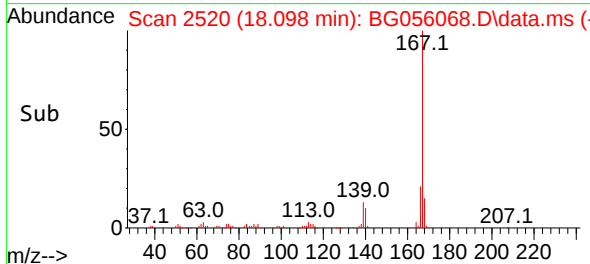
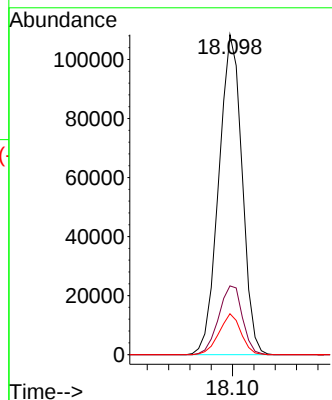
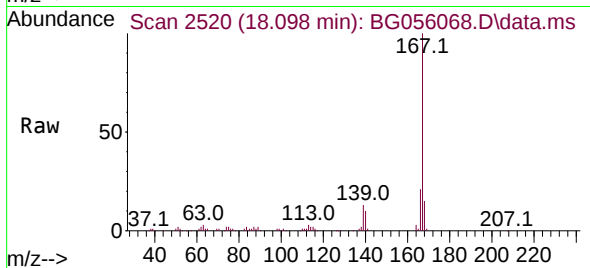
#73
Carbazole
Concen: 37.963 ng
RT: 18.098 min Scan# 2523
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

Instrument :
BNA_G
ClientSampleId :
PB149805BS

Tgt Ion:167 Resp: 164782
Ion Ratio Lower Upper
167 100
166 21.5 16.6 25.0
139 12.8 9.7 14.5

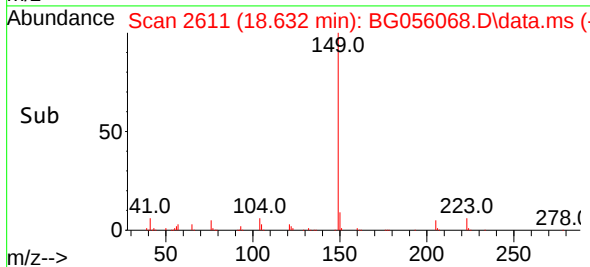
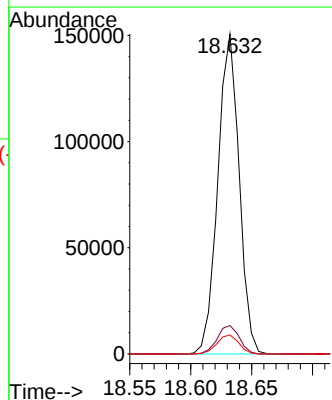
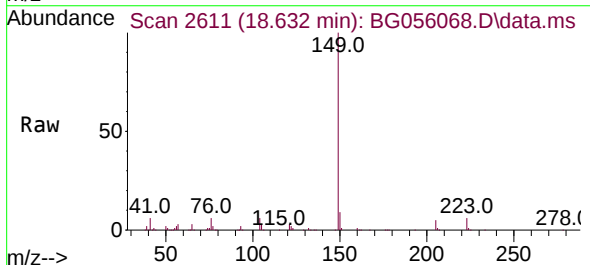
Manual Integrations
APPROVED

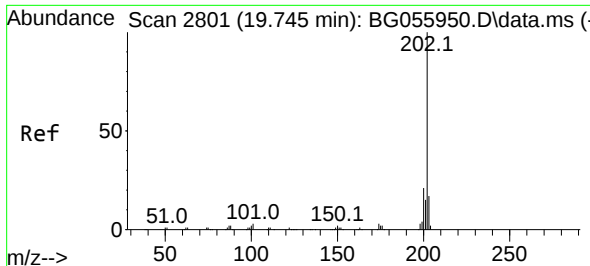
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#74
Di-n-butylphthalate
Concen: 36.255 ng
RT: 18.632 min Scan# 2611
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

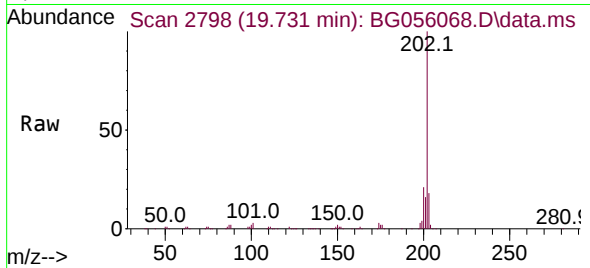
Tgt Ion:149 Resp: 183009
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 35.820 ng
RT: 19.731 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

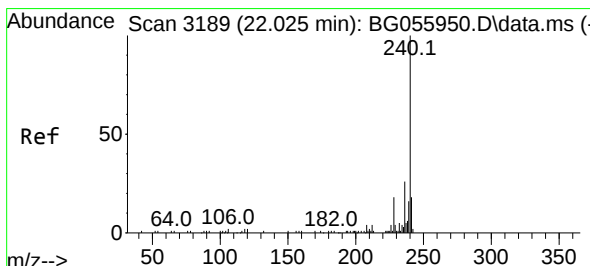
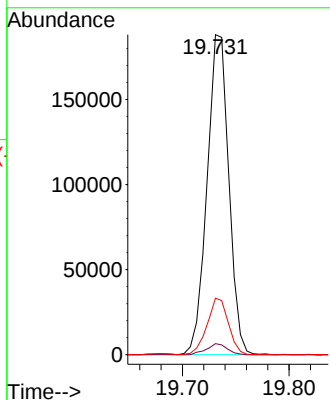
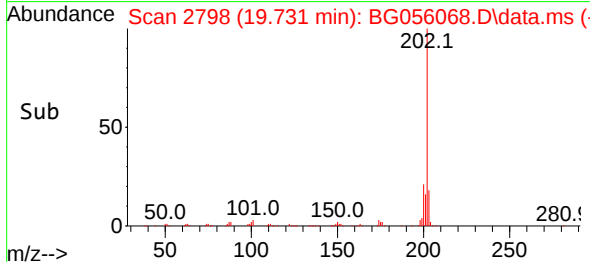
Instrument :
BNA_G
ClientSampleId :
PB149805BS



Tgt Ion:202 Resp: 266828
Ion Ratio Lower Upper
202 100
101 3.4 0.0 22.6
203 17.6 0.0 37.1

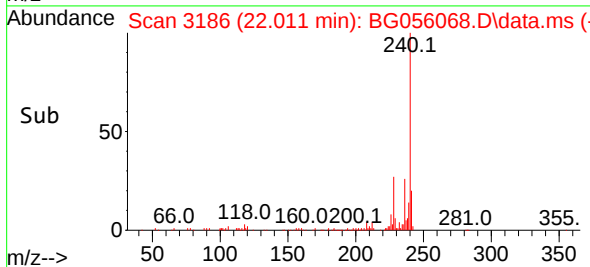
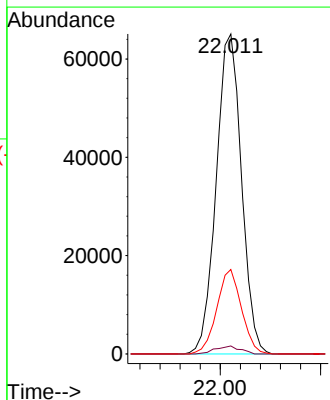
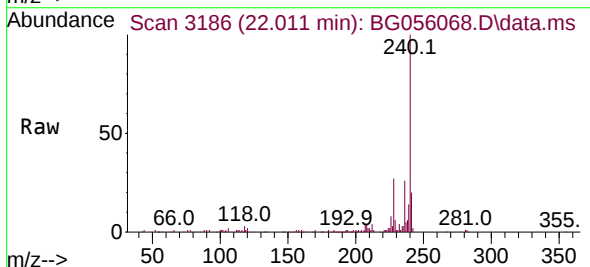
Manual Integrations
APPROVED

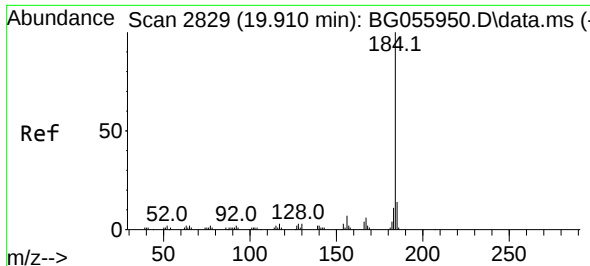
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.011 min Scan# 3186
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

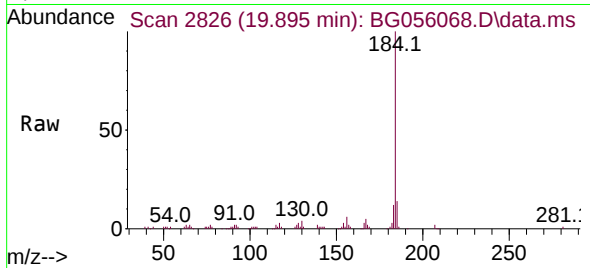
Tgt Ion:240 Resp: 113847
Ion Ratio Lower Upper
240 100
120 2.5 1.7 2.5
236 26.4 21.1 31.7





#77
Benzidine
Concen: 39.785 ng
RT: 19.895 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

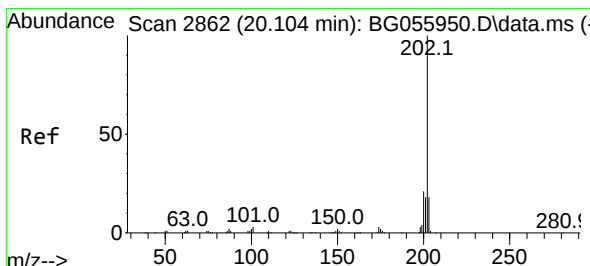
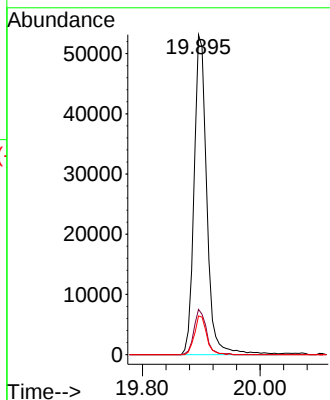
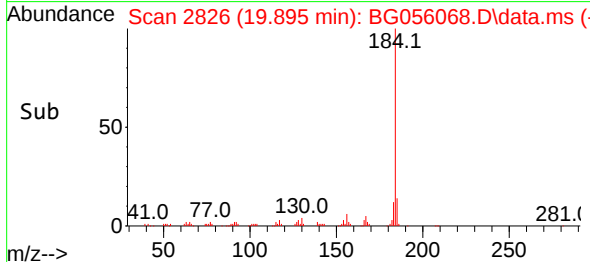
Instrument :
BNA_G
ClientSampleId :
PB149805BS



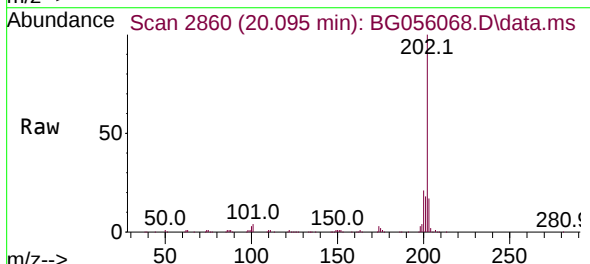
Tgt Ion:184 Resp: 79543
Ion Ratio Lower Upper
184 100
185 14.1 10.9 16.3
183 12.1 9.2 13.8

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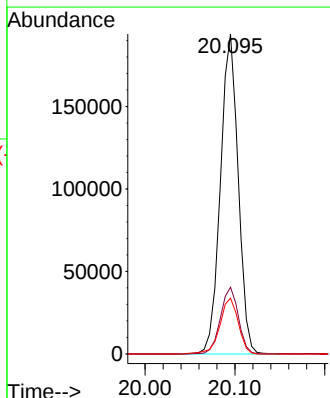
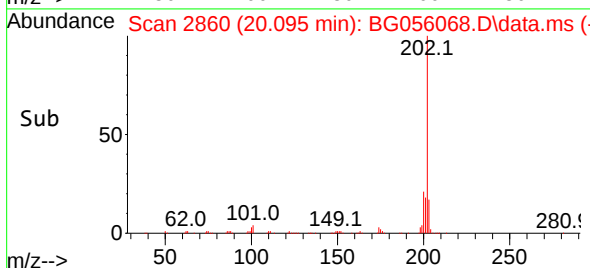
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

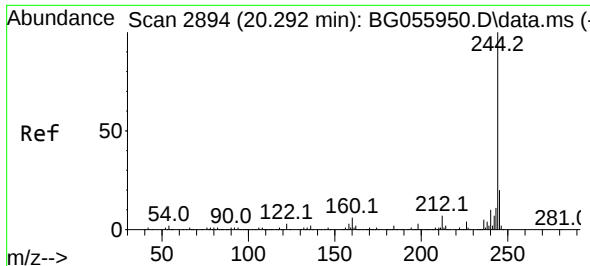


#78
Pyrene
Concen: 38.772 ng
RT: 20.095 min Scan# 2860
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



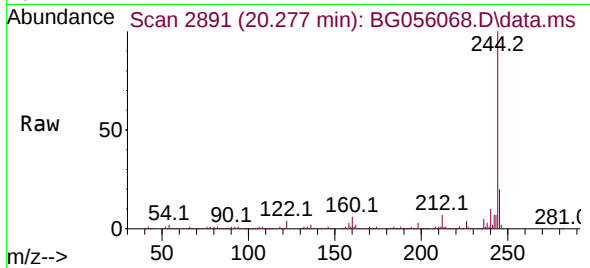
Tgt Ion:202 Resp: 267100
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 76.476 ng
 RT: 20.277 min Scan# 2891
 Delta R.T. -0.003 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59

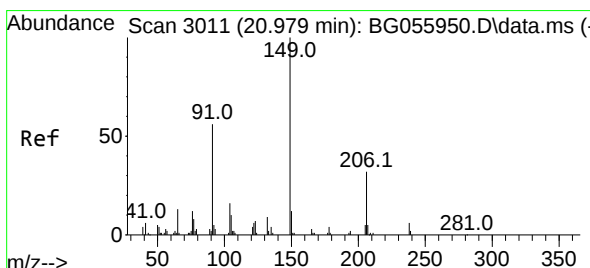
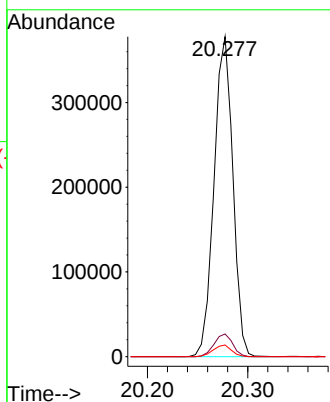
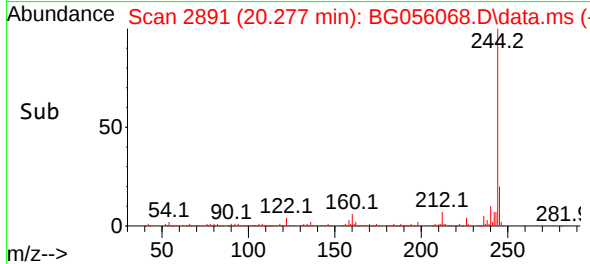
Instrument :
 BNA_G
 ClientSampleId :
 PB149805BS



Tgt Ion:244 Resp: 492624
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.6 2.5 3.7

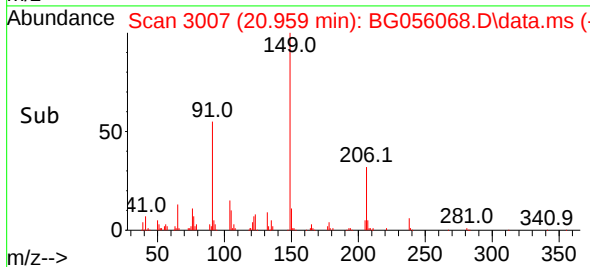
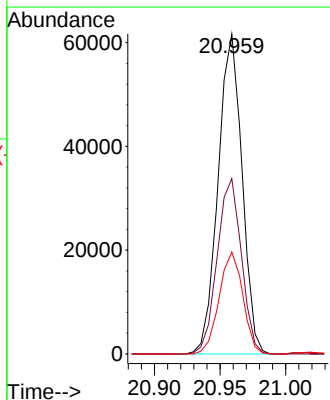
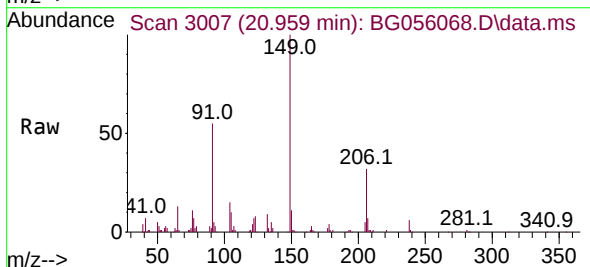
Manual Integrations
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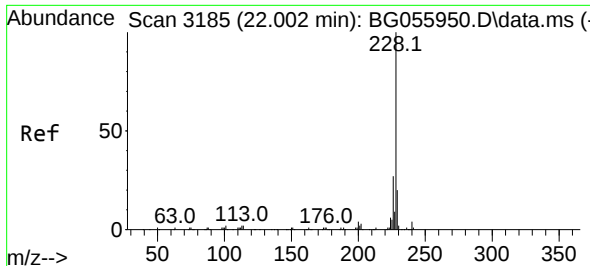
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#80
 Butylbenzylphthalate
 Concen: 40.102 ng
 RT: 20.959 min Scan# 3007
 Delta R.T. -0.003 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59

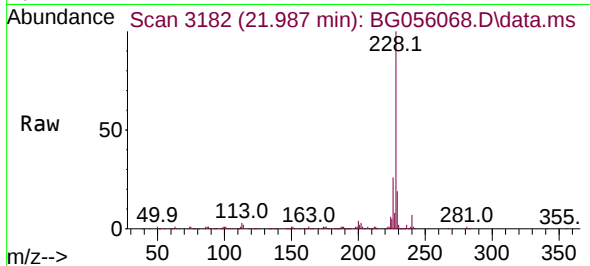
Tgt Ion:149 Resp: 78282
 Ion Ratio Lower Upper
 149 100
 91 54.8 44.5 66.7
 206 31.8 25.8 38.6





#81
Benzo(a)anthracene
Concen: 37.000 ng
RT: 21.987 min Scan# 3185
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

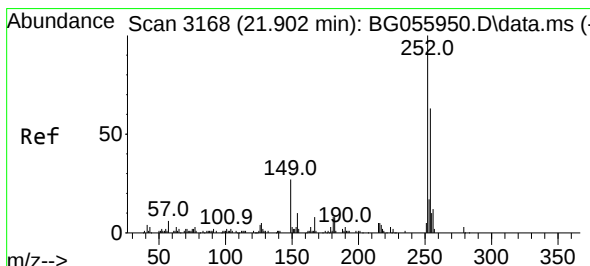
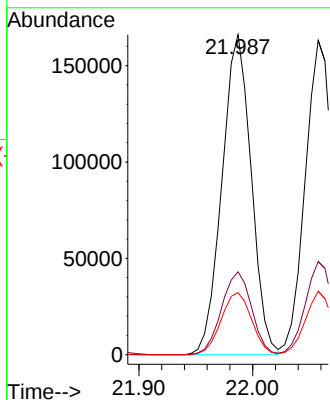
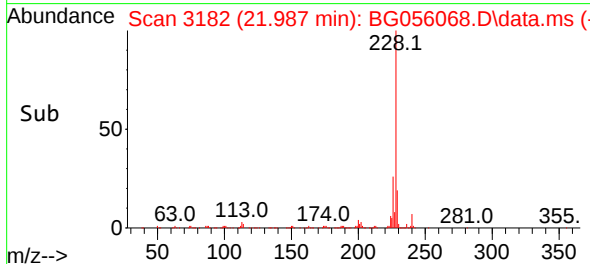
Instrument :
BNA_G
ClientSampleId :
PB149805BS



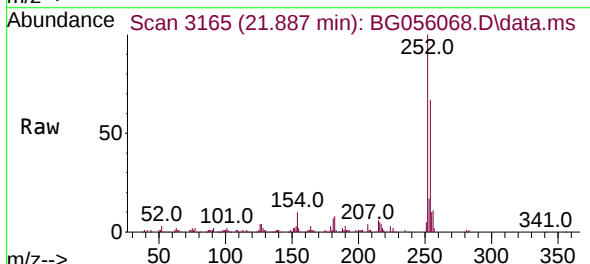
Tgt Ion:228 Resp: 296415
Ion Ratio Lower Upper
228 100
226 25.9 21.8 32.6
229 19.4 15.9 23.9

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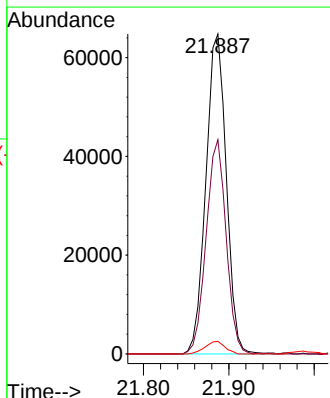
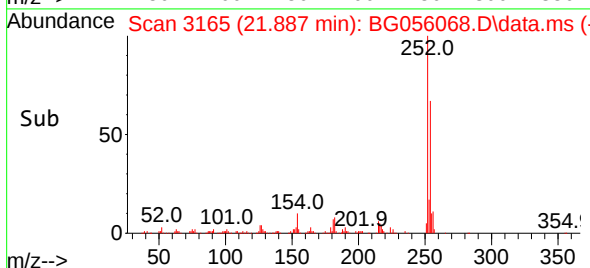
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

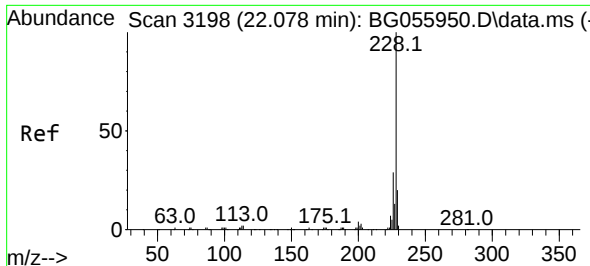


#82
3,3'-Dichlorobenzidine
Concen: 37.281 ng
RT: 21.887 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59



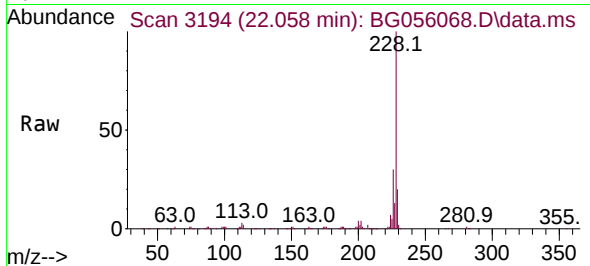
Tgt Ion:252 Resp: 107455
Ion Ratio Lower Upper
252 100
254 66.9 50.2 75.2
126 4.0 3.1 4.7





#83
Chrysene
Concen: 36.546 ng
RT: 22.058 min Scan# 3198
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

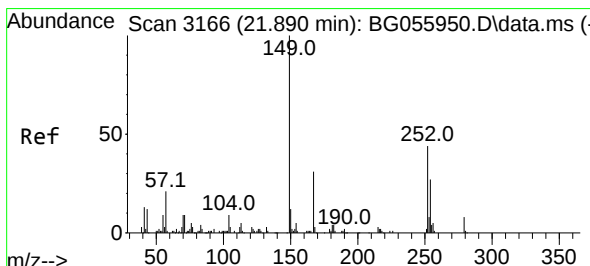
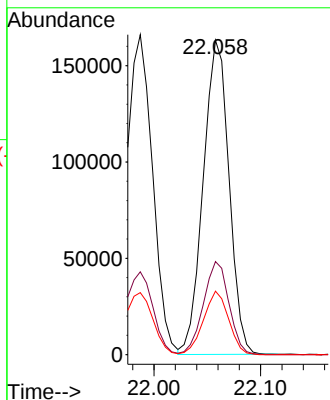
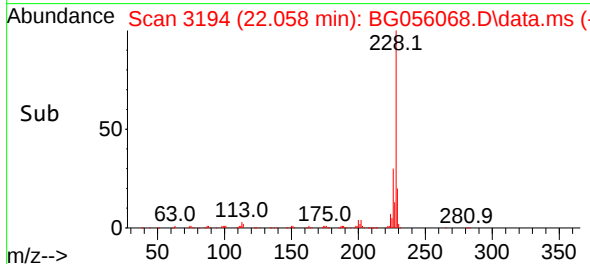
Instrument :
BNA_G
ClientSampleId :
PB149805BS



Tgt Ion:228 Resp: 274398
Ion Ratio Lower Upper
228 100
226 29.6 23.1 34.7
229 20.2 15.7 23.5

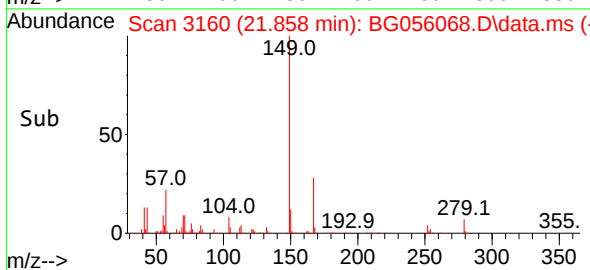
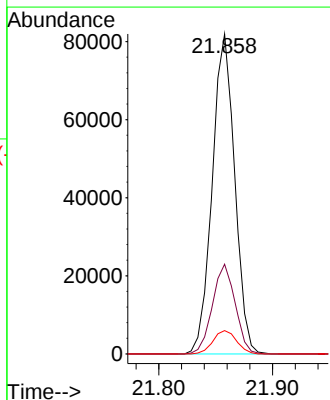
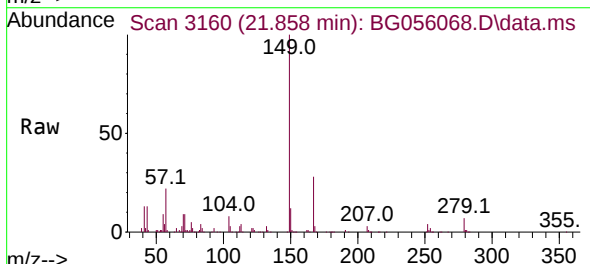
Manual Integrations
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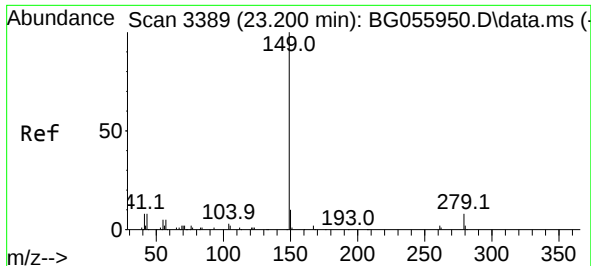
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.704 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

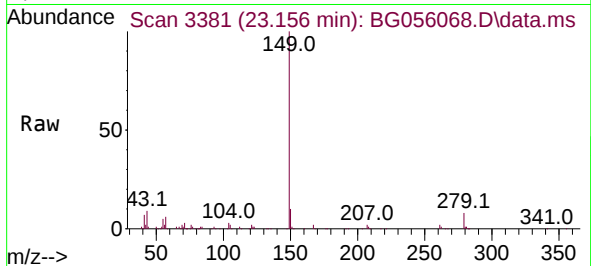
Tgt Ion:149 Resp: 112248
Ion Ratio Lower Upper
149 100
167 28.0 24.6 36.8
279 7.3 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 38.292 ng
RT: 23.156 min Scan# 3389
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

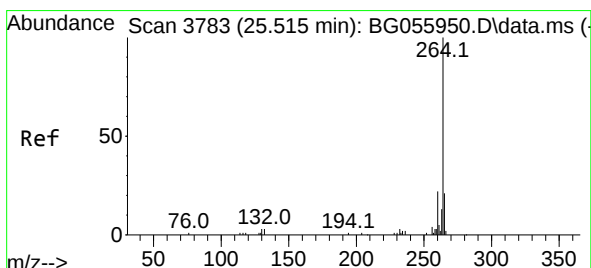
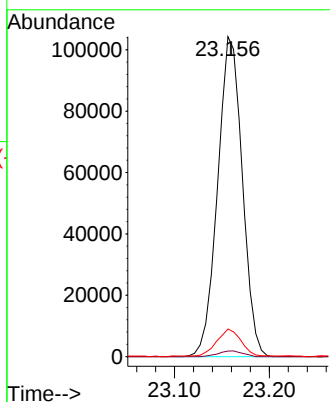
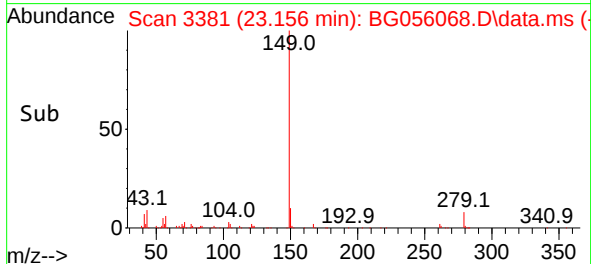
Instrument :
BNA_G
ClientSampleId :
PB149805BS



Tgt Ion:149 Resp: 188380
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.9 6.9 10.3

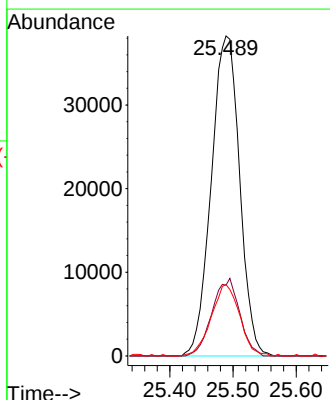
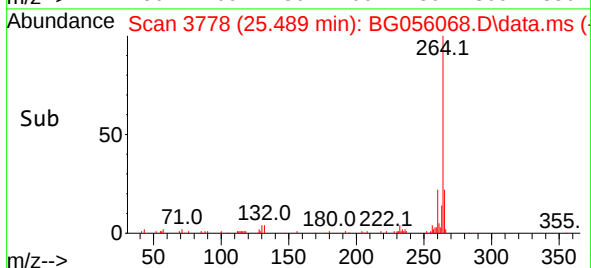
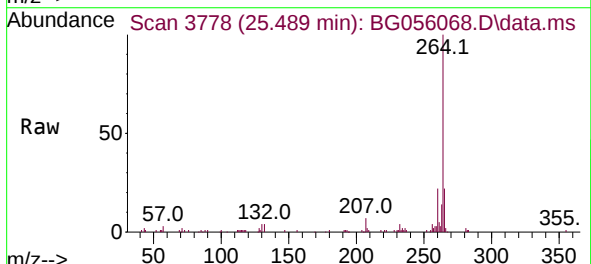
Manual Integrations
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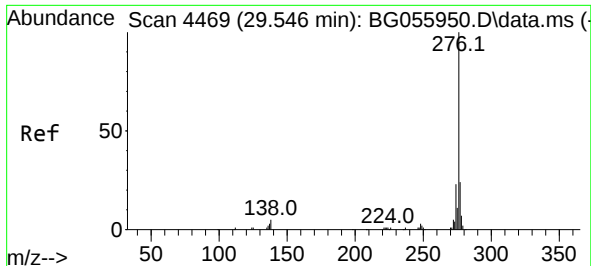
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.489 min Scan# 3778
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

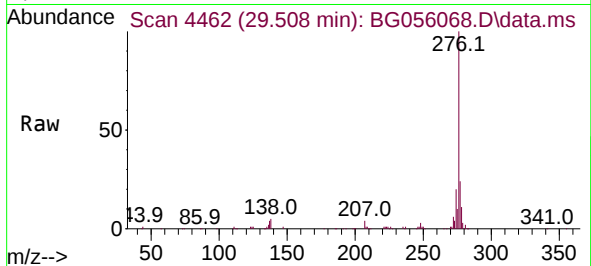
Tgt Ion:264 Resp: 119151
Ion Ratio Lower Upper
264 100
260 22.1 17.8 26.8
265 22.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.603 ng
 RT: 29.508 min Scan# 4462
 Delta R.T. -0.003 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59

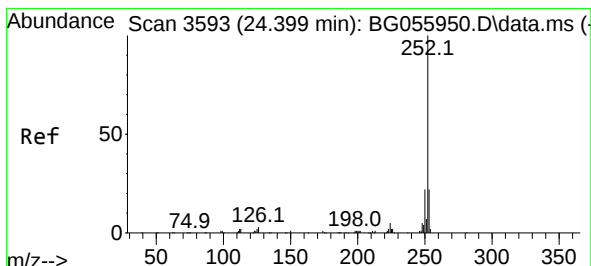
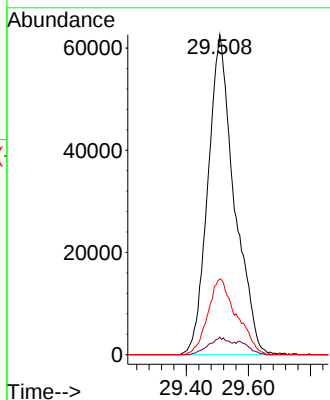
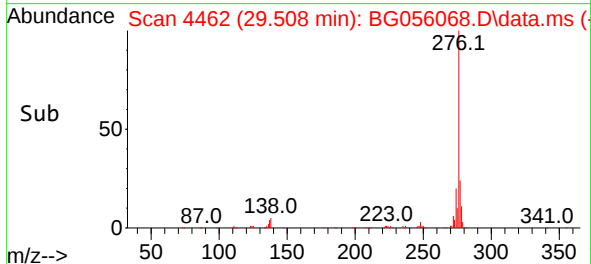
Instrument :
 BNA_G
 ClientSampleId :
 PB149805BS



Tgt Ion: 276 Resp: 369862
 Ion Ratio Lower Upper
 276 100
 138 4.3 3.0 4.4
 277 25.8 20.4 30.6

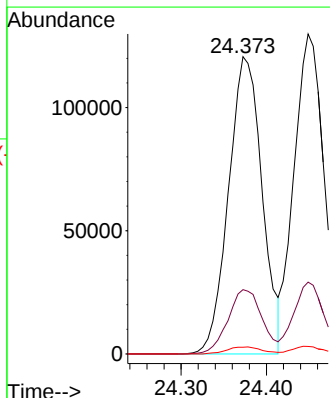
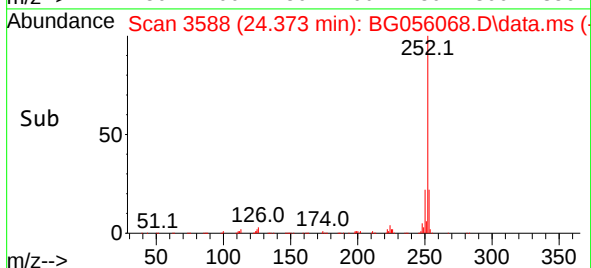
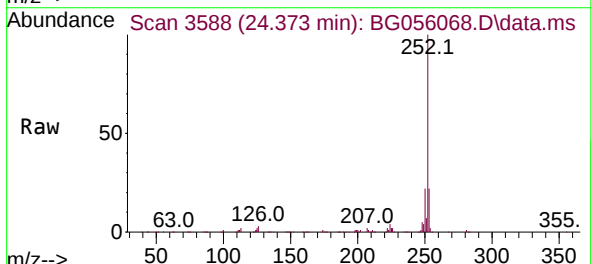
Manual Integrations
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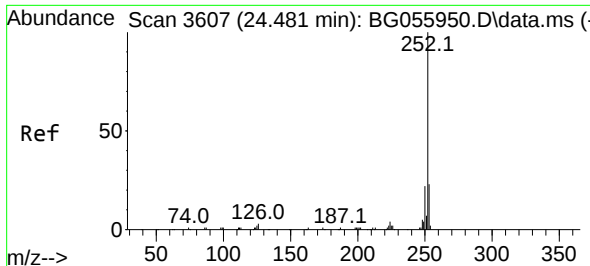
Reviewed By : Christian Giraldo 12/23/2022
 Supervised By : mohammad ahmed 12/23/2022



#88
 Benzo(b)fluoranthene
 Concen: 42.752 ng
 RT: 24.373 min Scan# 3588
 Delta R.T. -0.009 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59

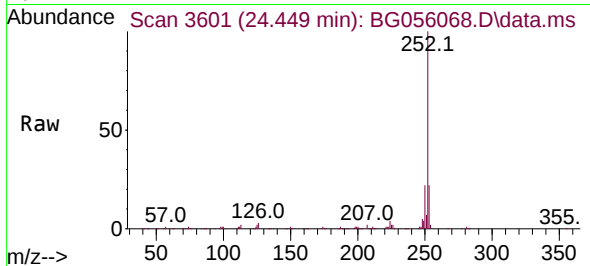
Tgt Ion: 252 Resp: 329675
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 2.3 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 41.289 ng
RT: 24.449 min Scan# 3607
Delta R.T. -0.009 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

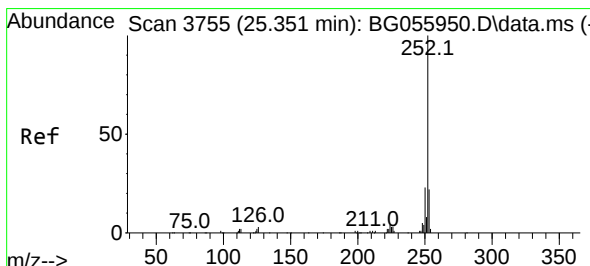
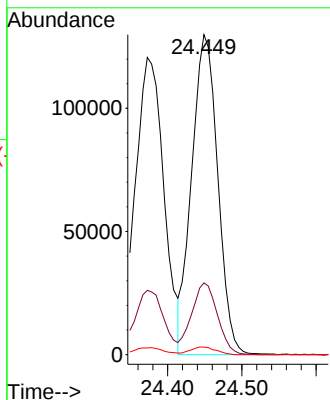
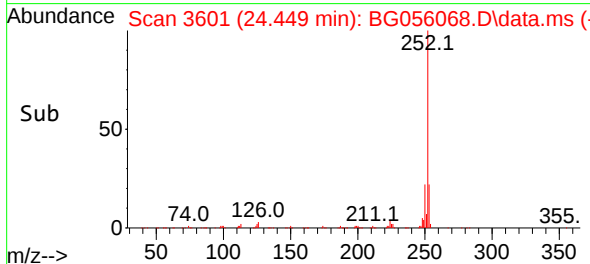
Instrument :
BNA_G
ClientSampleId :
PB149805BS



Tgt Ion:252 Resp: 31766
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 2.3 2.0 3.0

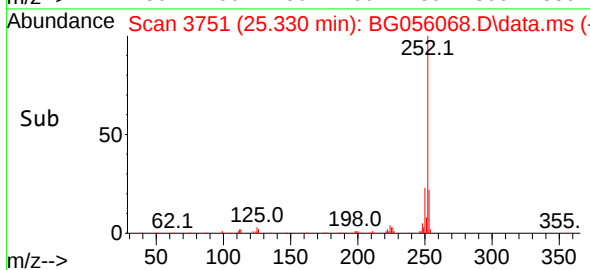
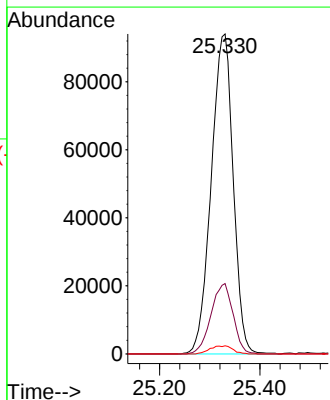
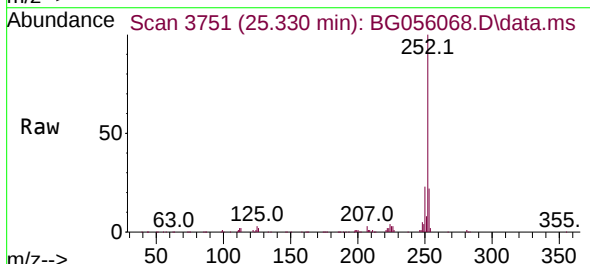
Manual Integrations
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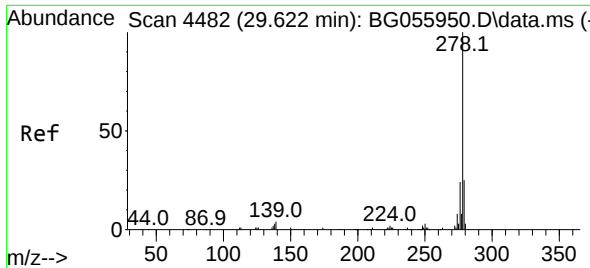
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#90
Benzo(a)pyrene
Concen: 43.755 ng
RT: 25.330 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BG056068.D
Acq: 22 Dec 2022 18:59

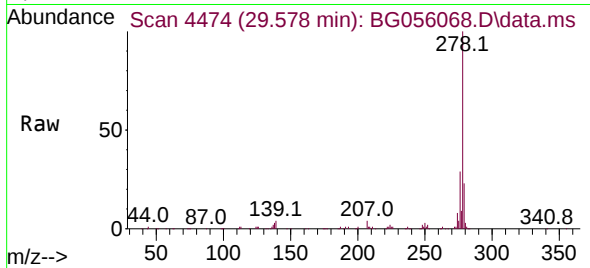
Tgt Ion:252 Resp: 285207
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 2.5 1.9 2.9





#91
 Dibenzo(a,h)anthracene
 Concen: 40.232 ng
 RT: 29.578 min Scan# 4482
 Delta R.T. -0.009 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59

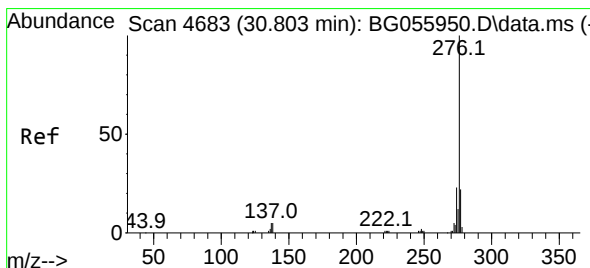
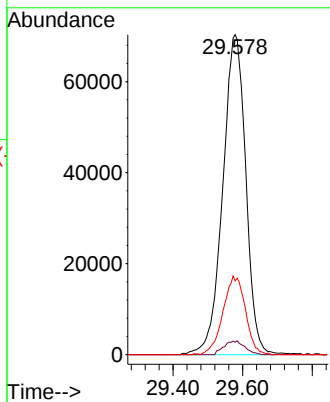
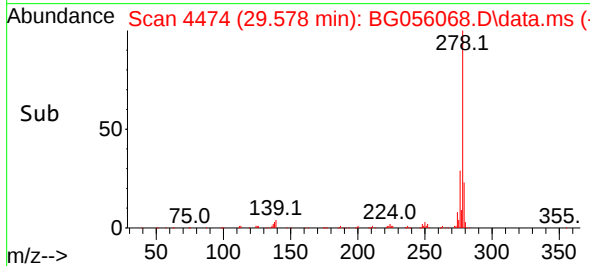
Instrument :
 BNA_G
 ClientSampleId :
 PB149805BS



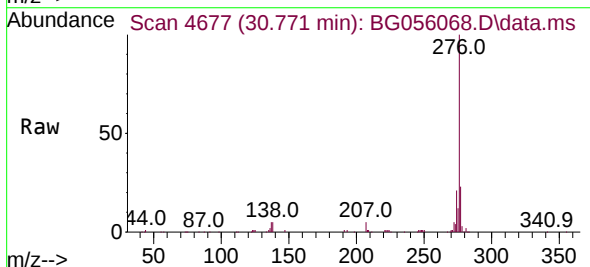
Tgt Ion:278 Resp: 322642
 Ion Ratio Lower Upper
 278 100
 139 3.9 2.9 4.3
 279 23.0 20.0 30.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#92
 Benzo(g,h,i)perylene
 Concen: 40.289 ng
 RT: 30.771 min Scan# 4677
 Delta R.T. -0.015 min
 Lab File: BG056068.D
 Acq: 22 Dec 2022 18:59



Tgt Ion:276 Resp: 312388
 Ion Ratio Lower Upper
 276 100
 277 23.0 17.8 26.6
 138 5.2 3.8 5.6

