

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056059.D
 Acq On : 22 Dec 2022 11:00
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022

Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 05:23:21 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	8.353	152	9220	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	37565	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	36330	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	105351	20.000	ng	0.00
76) Chrysene-d12	22.014	240	103961	20.000	ng	# 0.00
86) Perylene-d12	25.492	264	124252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.868	112	32874	83.618	ng	0.00
7) Phenol-d6	7.483	99	44140	87.295	ng	0.00
23) Nitrobenzene-d5	9.528	82	50923	94.732	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	75544	86.235	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	206909	79.875	ng	0.00
79) Terphenyl-d14	20.280	244	507422	86.264	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.694	88	4729	41.333	ng	92
3) Pyridine	4.111	79	16216	43.067	ng	96
4) n-Nitrosodimethylamine	4.023	42	12711	37.554	ng	# 82
6) Aniline	7.671	93	25762	42.554	ng	92
8) 2-Chlorophenol	7.912	128	21661	42.706	ng	94
9) Benzaldehyde	7.478	77	12331	38.831	ng	97
10) Phenol	7.513	94	23809	43.023	ng	97
11) bis(2-Chloroethyl)ether	7.754	93	15622	43.338	ng	95
12) 1,3-Dichlorobenzene	8.247	146	26005	39.634	ng	91
13) 1,4-Dichlorobenzene	8.394	146	27217	40.590	ng	98
14) 1,2-Dichlorobenzene	8.717	146	26055	40.659	ng	99
15) Benzyl Alcohol	8.588	79	21278	40.499	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.876	45	22955	48.929	ng	99
17) 2-Methylphenol	8.782	107	18357	42.160	ng	94
18) Hexachloroethane	9.458	117	8648	42.488	ng	97
19) n-Nitroso-di-n-propyla...	9.158	70	16314	45.012	ng	94
20) 3+4-Methylphenols	9.111	107	26559	42.744	ng	97
22) Acetophenone	9.181	105	36266	38.945	ng	# 94
24) Nitrobenzene	9.575	77	25224	46.619	ng	98
25) Isophorone	10.092	82	46799	41.518	ng	97
26) 2-Nitrophenol	10.292	139	14847	46.353	ng	96
27) 2,4-Dimethylphenol	10.333	122	20351m	37.832	ng	
28) bis(2-Chloroethoxy)met...	10.568	93	21591	43.340	ng	# 94
29) 2,4-Dichlorophenol	10.821	162	31576	41.356	ng	99
30) 1,2,4-Trichlorobenzene	11.050	180	38992	39.286	ng	93
31) Naphthalene	11.244	128	78161	39.433	ng	99
32) Benzoic acid	10.451	122	19532	43.006	ng	92
33) 4-Chloroaniline	11.338	127	34131	40.168	ng	98
34) Hexachlorobutadiene	11.520	225	33544	35.949	ng	95
35) Caprolactam	12.107	113	9007	42.340	ng	# 83
36) 4-Chloro-3-methylphenol	12.431	107	30823	43.052	ng	94
37) 2-Methylnaphthalene	12.818	142	70463	40.238	ng	96
38) 1-Methylnaphthalene	13.036	142	67822	39.756	ng	100
40) 1,2,4,5-Tetrachloroben...	13.177	216	59775	38.997	ng	98
41) Hexachlorocyclopentadiene	13.153	237	34814	40.035	ng	98
43) 2,4,6-Trichlorophenol	13.406	196	40049	44.138	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
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 Sample : SSTDCCC040
 Misc :
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Instrument :

BNA_G

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SSTDCCC040

Manual Integrations

APPROVED

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

Quant Time: Dec 23 05:23:21 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

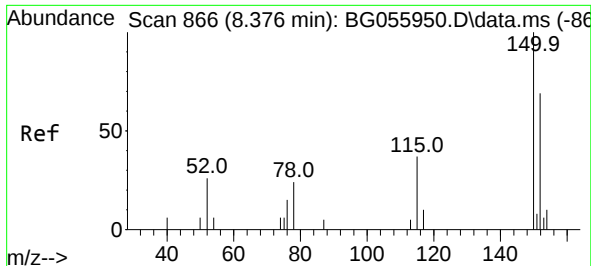
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.482	196	44367	43.377	ng	97
46) 1,1'-Biphenyl	13.805	154	102870	41.774	ng	99
47) 2-Chloronaphthalene	13.852	162	82224	41.093	ng	94
48) 2-Nitroaniline	14.046	65	21825	54.901	ng	89
49) Acenaphthylene	14.693	152	131239	41.091	ng	99
50) Dimethylphthalate	14.405	163	128091	40.781	ng	99
51) 2,6-Dinitrotoluene	14.528	165	26032	53.558	ng	90
52) Acenaphthene	15.033	154	92071	42.941	ng	94
53) 3-Nitroaniline	14.857	138	23681	47.899	ng	# 93
54) 2,4-Dinitrophenol	15.063	184	17726	49.056	ng	# 74
55) Dibenzofuran	15.362	168	148685	41.237	ng	98
56) 4-Nitrophenol	15.151	139	19127	48.278	ng	92
57) 2,4-Dinitrotoluene	15.315	165	38517	52.498	ng	92
58) Fluorene	16.009	166	121243	41.135	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.580	232	50539	43.251	ng	99
60) Diethylphthalate	15.756	149	124018	40.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.991	204	81422	40.551	ng	96
62) 4-Nitroaniline	16.021	138	25687	47.709	ng	97
63) Azobenzene	16.285	77	78302	41.905	ng	98
65) 4,6-Dinitro-2-methylph...	16.073	198	26824	53.300	ng	93
66) n-Nitrosodiphenylamine	16.203	169	111336	40.328	ng	98
67) 4-Bromophenyl-phenylether	16.884	248	62346	40.387	ng	95
68) Hexachlorobenzene	17.008	284	73417	38.611	ng	96
69) Atrazine	17.137	200	48509	38.806	ng	97
70) Pentachlorophenol	17.348	266	45718	42.057	ng	96
71) Phenanthrene	17.748	178	224554	40.673	ng	99
72) Anthracene	17.842	178	217571	39.833	ng	99
73) Carbazole	18.100	167	176870	39.263	ng	99
74) Di-n-butylphthalate	18.635	149	201990	38.556	ng	99
75) Fluoranthene	19.734	202	287115	37.138	ng	99
77) Benzidine	19.898	184	75479	41.342	ng	99
78) Pyrene	20.098	202	287453	45.695	ng	99
80) Butylbenzylphthalate	20.962	149	83269	46.713	ng	98
81) Benzo(a)anthracene	21.990	228	309871	42.358	ng	100
82) 3,3'-Dichlorobenzidine	21.890	252	112370	42.693	ng	96
83) Chrysene	22.061	228	294330	42.929	ng	99
84) Bis(2-ethylhexyl)phtha...	21.861	149	114690	43.306	ng	99
85) Di-n-octyl phthalate	23.159	149	194240	43.238	ng	100
87) Indeno(1,2,3-cd)pyrene	29.511	276	397179	39.751	ng	99
88) Benzo(b)fluoranthene	24.381	252	323173	40.189	ng	99
89) Benzo(k)fluoranthene	24.458	252	323231	40.288	ng	98
90) Benzo(a)pyrene	25.333	252	274349	40.362	ng	100
91) Dibenzo(a,h)anthracene	29.587	278	333273	39.852	ng	# 98
92) Benzo(g,h,i)perylene	30.786	276	324867	40.178	ng	97

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

Manual Integrations APPROVED

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

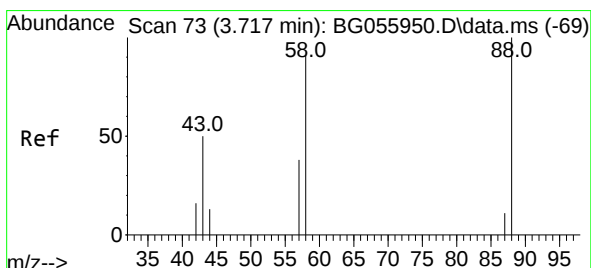
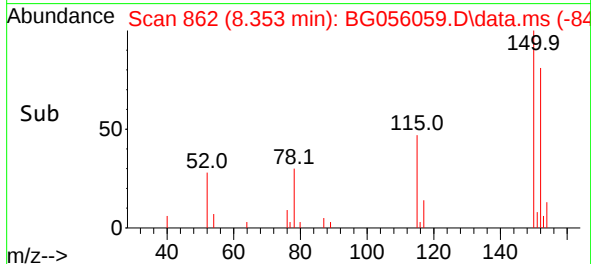
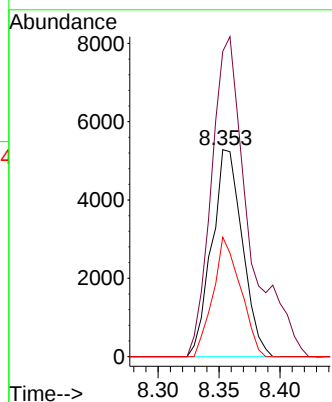
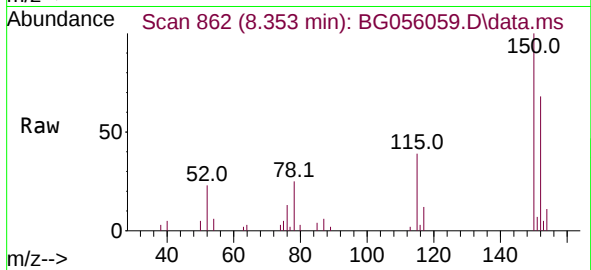
SSTDCCC040

Tgt Ion:152 Resp: 9220
Ion Ratio Lower Upper
152 100
150 147.5 115.7 173.5
115 57.7 43.0 64.4

Manual Integrations

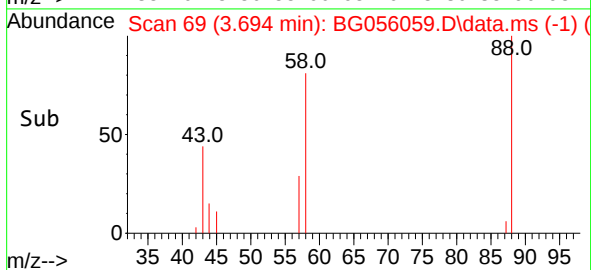
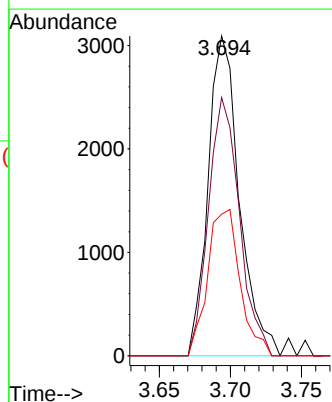
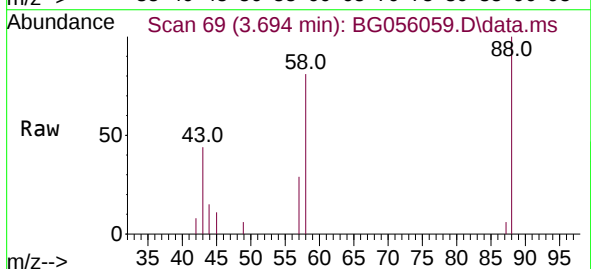
APPROVED

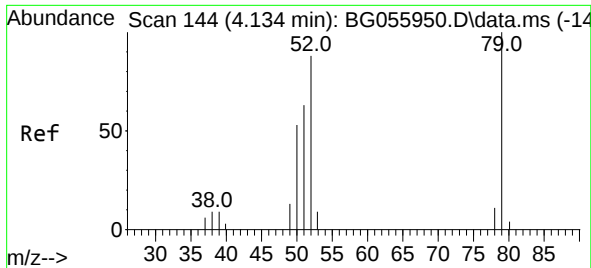
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#2
1,4-Dioxane
Concen: 41.333 ng
RT: 3.694 min Scan# 69
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

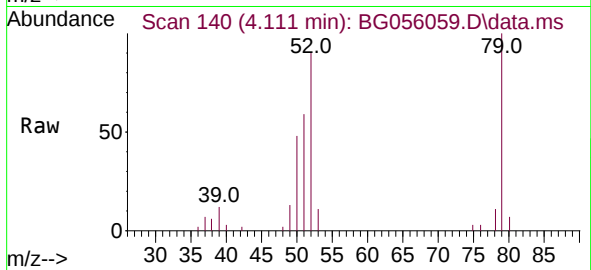
Tgt Ion: 88 Resp: 4729
Ion Ratio Lower Upper
88 100
58 80.1 67.0 100.4
43 47.5 45.7 68.5





#3
Pyridine
Concen: 43.067 ng
RT: 4.111 min Scan# 144
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

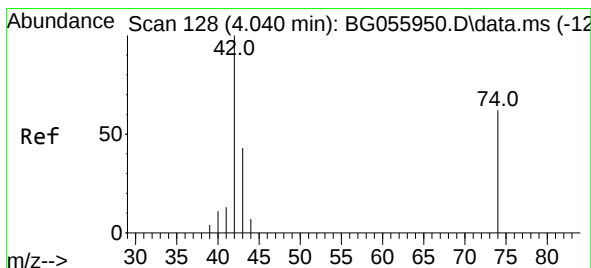
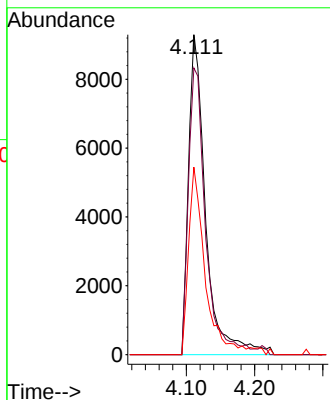
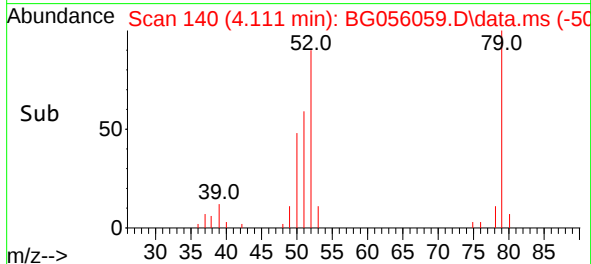
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



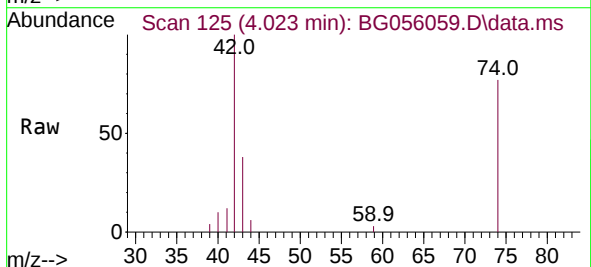
Tgt Ion: 79 Resp: 16216
Ion Ratio Lower Upper
79 100
52 89.6 70.3 105.5
51 58.6 50.6 76.0

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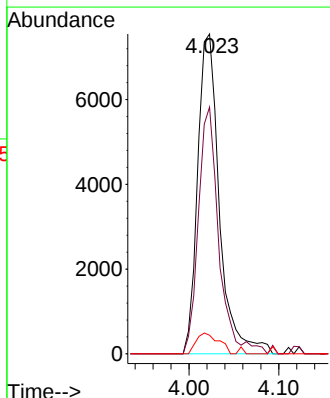
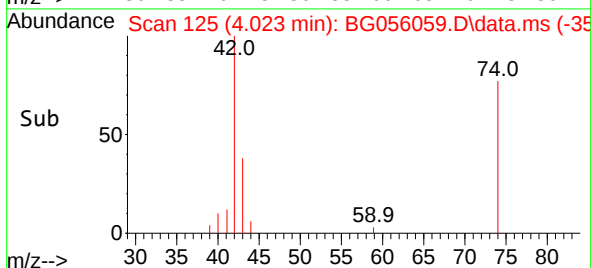
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

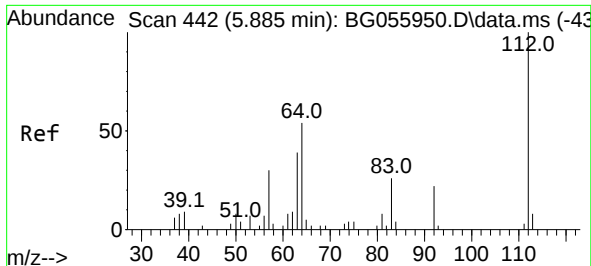


#4
n-Nitrosodimethylamine
Concen: 37.554 ng
RT: 4.023 min Scan# 125
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion: 42 Resp: 12711
Ion Ratio Lower Upper
42 100
74 77.1 49.8 74.6#
44 5.8 5.2 7.8





#5
2-Fluorophenol
Concen: 83.618 ng
RT: 5.868 min Scan# 441
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

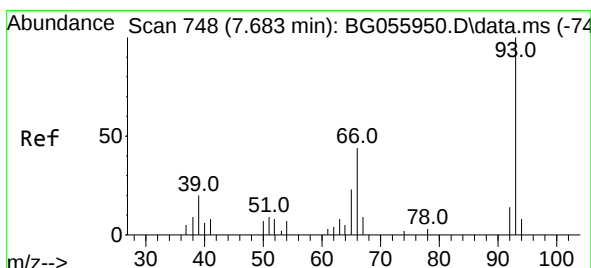
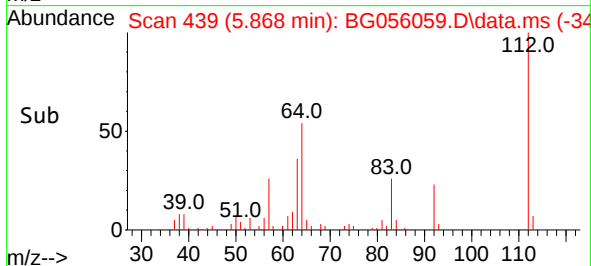
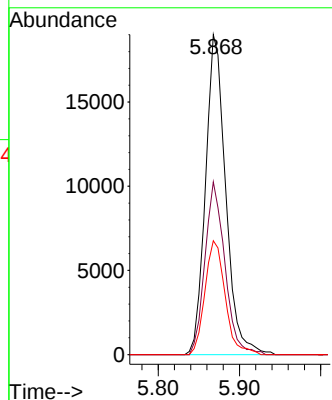
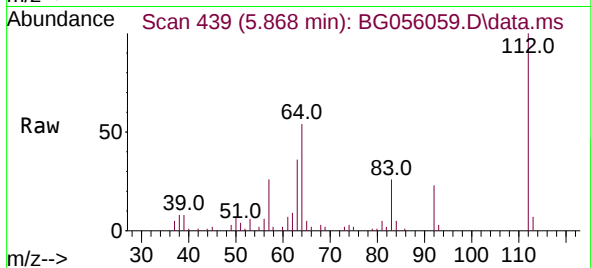
SSTDCCC040

Tgt Ion:112 Resp: 32874
Ion Ratio Lower Upper
112 100
64 54.0 43.0 64.4
63 35.6 31.4 47.2

Manual Integrations

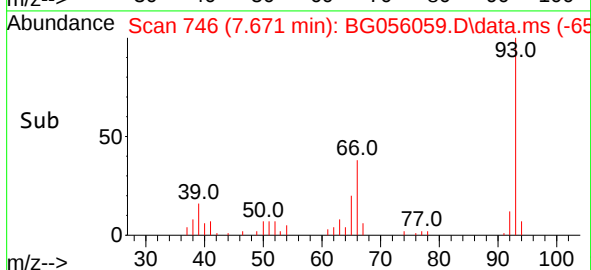
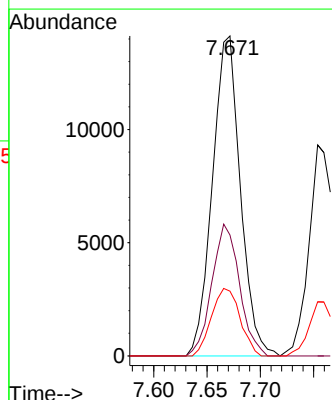
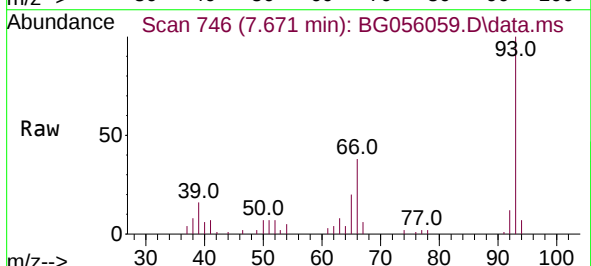
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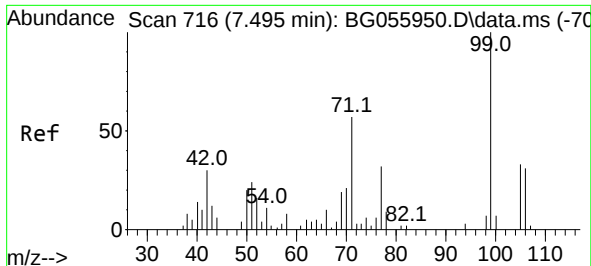
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#6
Aniline
Concen: 42.554 ng
RT: 7.671 min Scan# 746
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion: 93 Resp: 25762
Ion Ratio Lower Upper
93 100
66 37.8 35.5 53.3
65 20.2 18.2 27.2





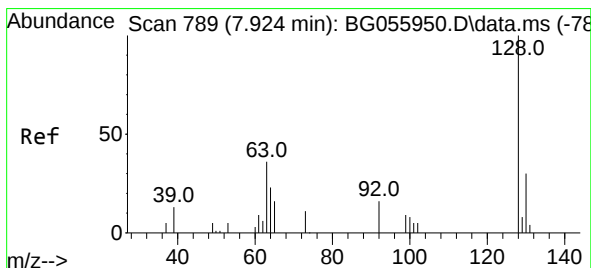
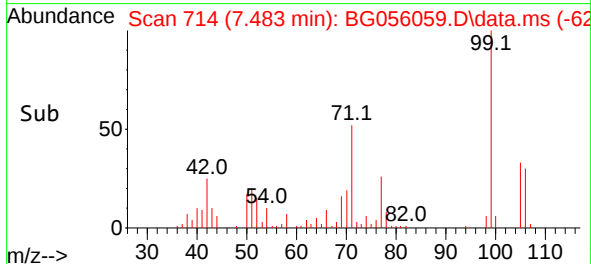
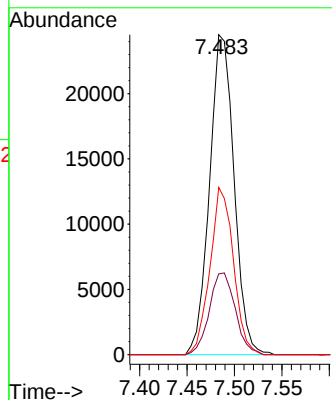
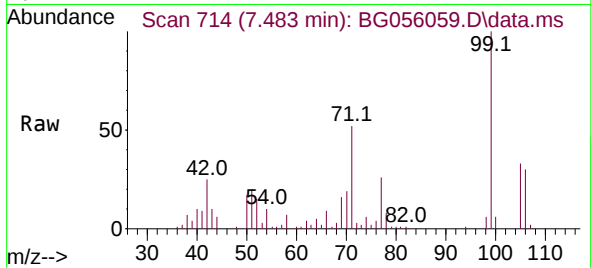
#7
Phenol-d6
Concen: 87.295 ng
RT: 7.483 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 44140
Ion Ratio Lower Upper
99 100
42 25.2 24.3 36.5
71 52.2 45.6 68.4

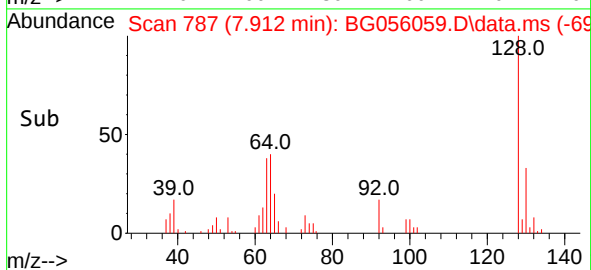
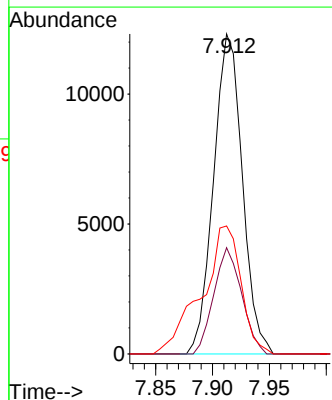
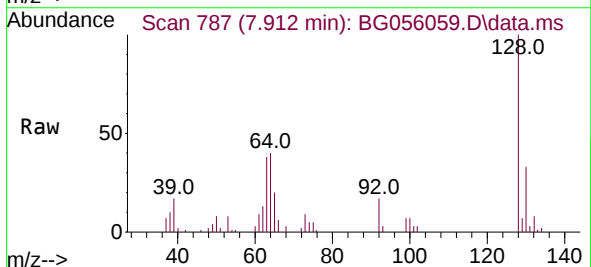
Manual Integrations
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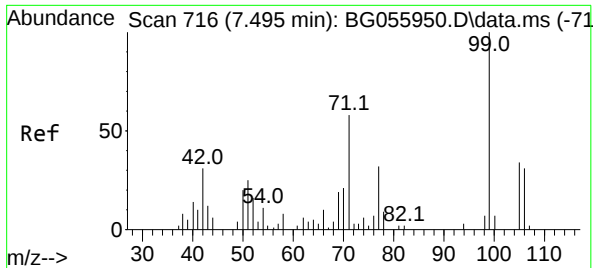
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#8
2-Chlorophenol
Concen: 42.706 ng
RT: 7.912 min Scan# 787
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:128 Resp: 21661
Ion Ratio Lower Upper
128 100
130 33.2 9.9 49.9
64 40.0 16.7 56.7





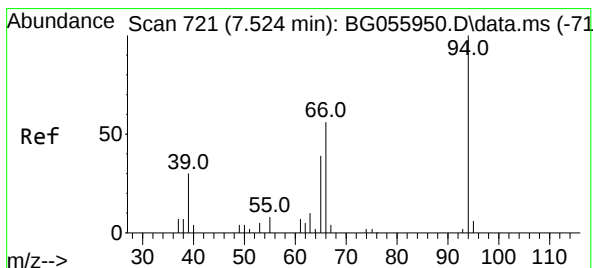
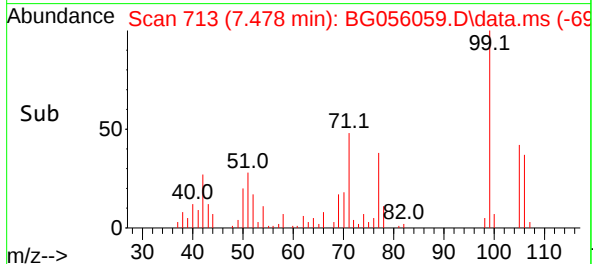
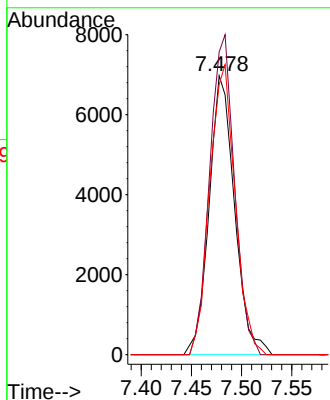
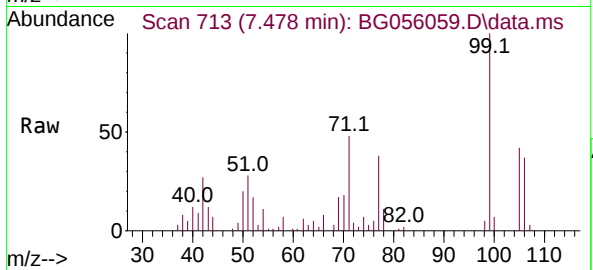
#9
Benzaldehyde
Concen: 38.831 ng
RT: 7.478 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1233
Ion Ratio Lower Upper
77 100
105 108.6 83.1 123.1
106 96.9 76.3 116.3

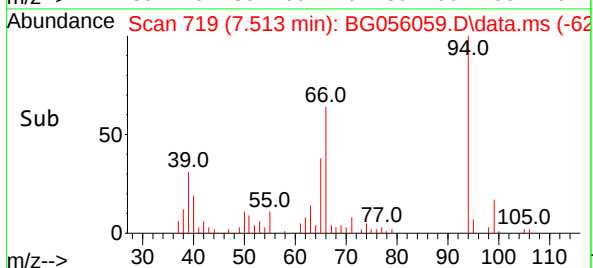
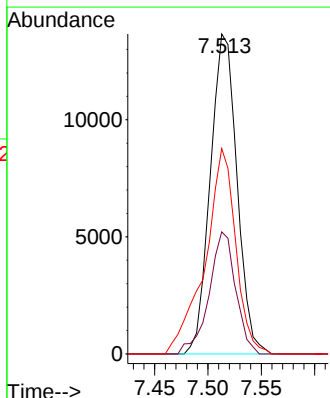
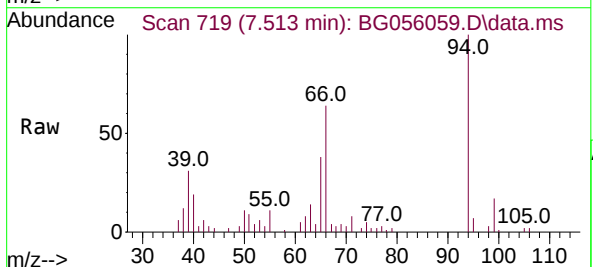
Manual Integrations
APPROVED

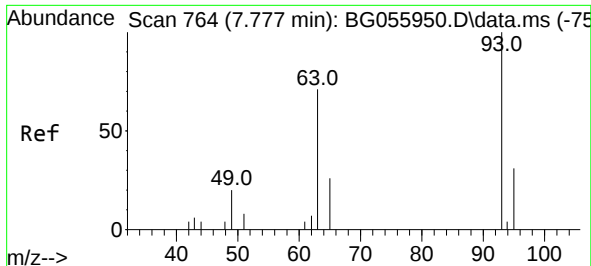
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#10
Phenol
Concen: 43.023 ng
RT: 7.513 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

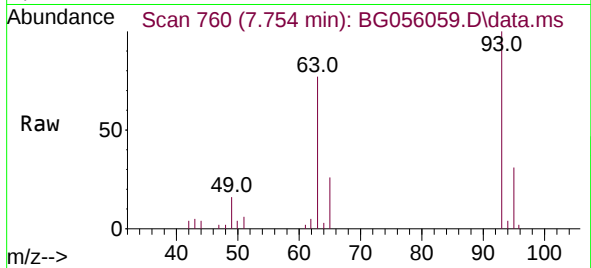
Tgt Ion: 94 Resp: 23809
Ion Ratio Lower Upper
94 100
65 38.1 18.9 58.9
66 64.2 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 43.338 ng
RT: 7.754 min Scan# 760
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

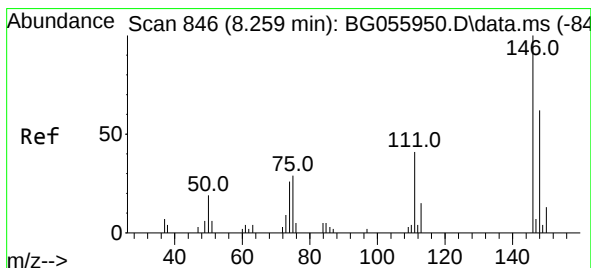
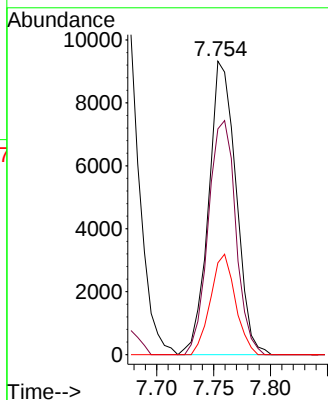
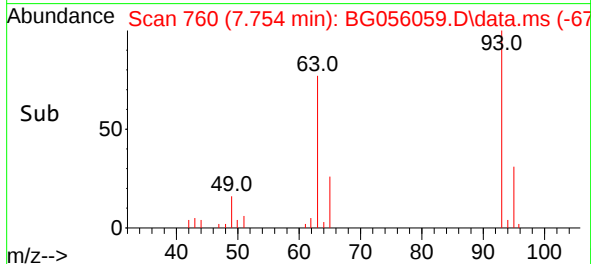
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 1562
Ion Ratio Lower Upper
93 100
63 76.9 51.4 91.4
95 31.3 11.3 51.3

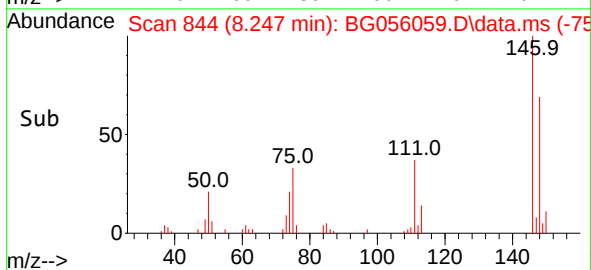
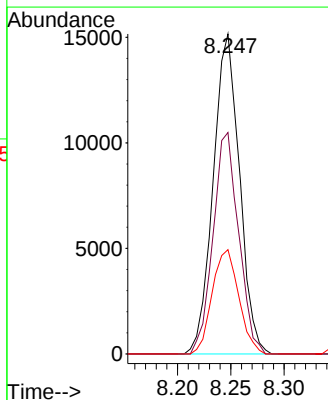
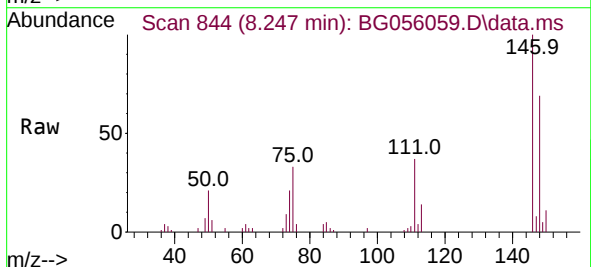
Manual Integrations
APPROVED

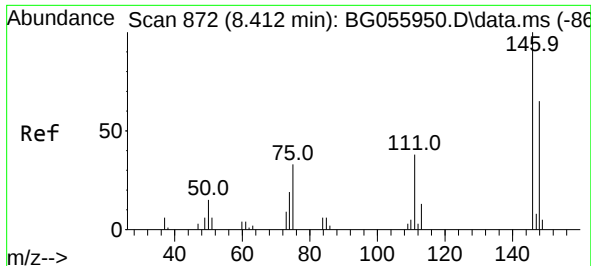
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
1,3-Dichlorobenzene
Concen: 39.634 ng
RT: 8.247 min Scan# 844
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:146 Resp: 26005
Ion Ratio Lower Upper
146 100
148 69.2 49.7 74.5
75 32.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 40.590 ng

RT: 8.394 min Scan# 869

Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

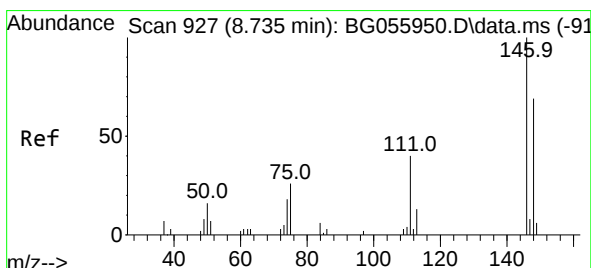
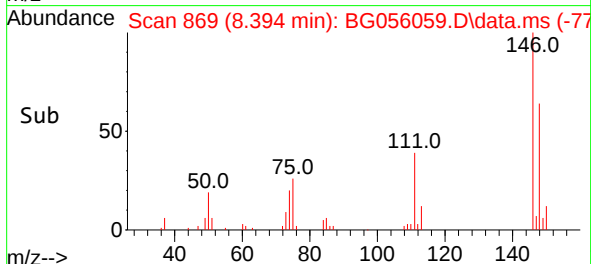
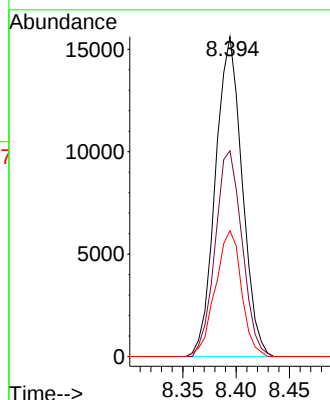
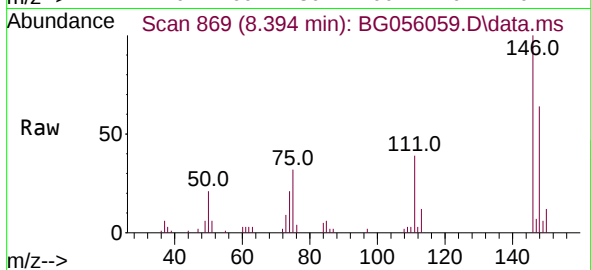
SSTDCCC040

Tgt Ion:	146	Resp:	2721
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.4	78.6
111	39.3	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: 40.659 ng

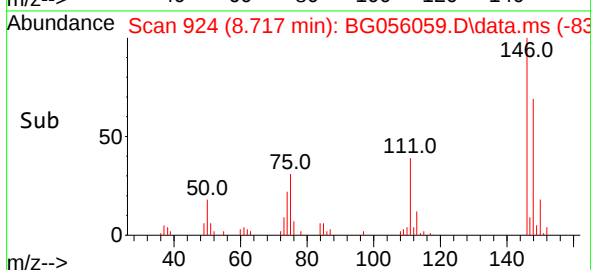
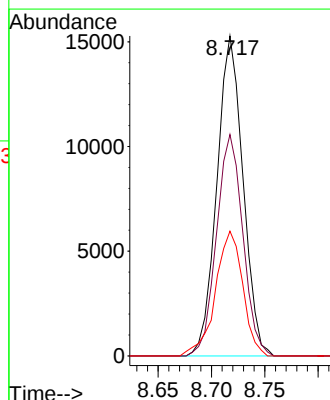
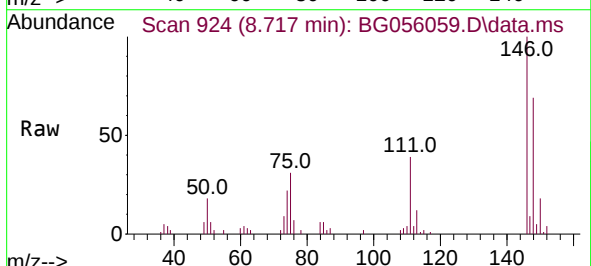
RT: 8.717 min Scan# 924

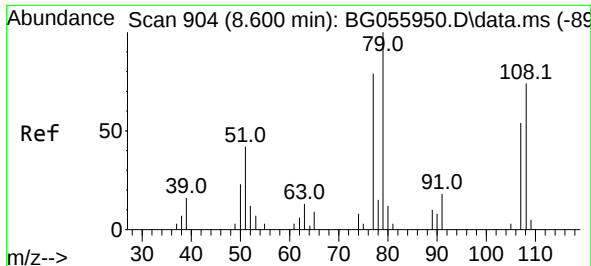
Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Tgt Ion:	146	Resp:	26055
Ion Ratio	Lower	Upper	
146	100		
148	69.2	55.1	82.7
111	39.0	32.4	48.6





#15
Benzyl Alcohol
Concen: 40.499 ng
RT: 8.588 min Scan# 904
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

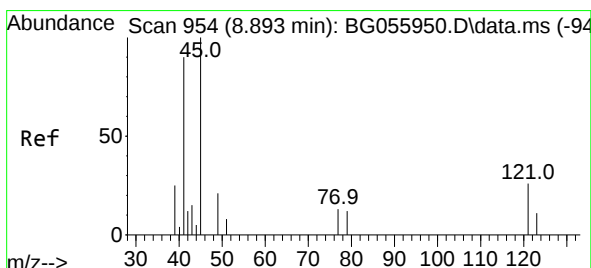
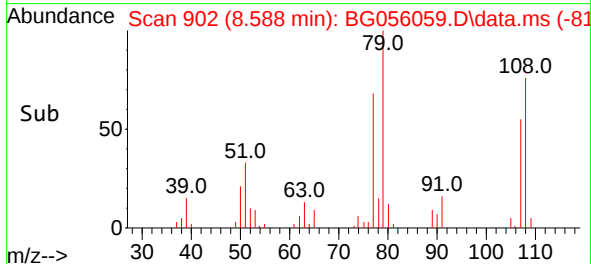
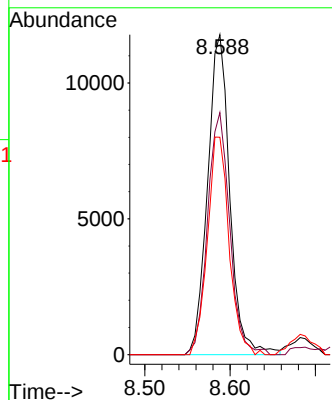
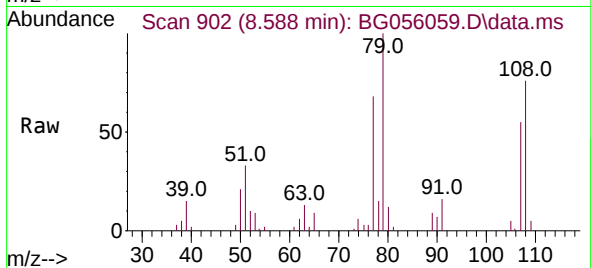
SSTDCCC040

Tgt Ion: 79 Resp: 21278
Ion Ratio Lower Upper
79 100
108 75.6 59.5 89.3
77 67.9 63.0 94.6

Manual Integrations

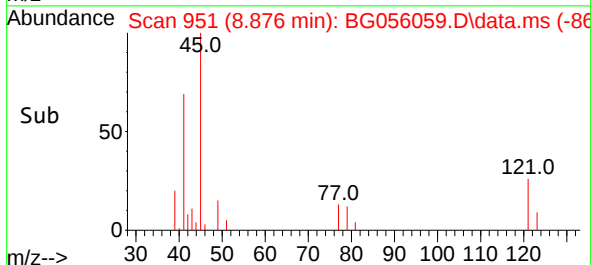
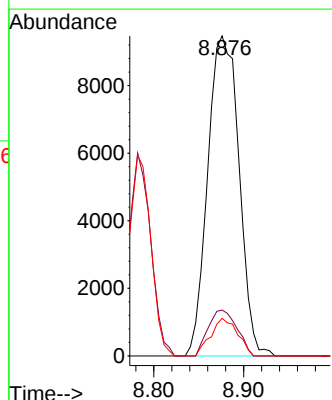
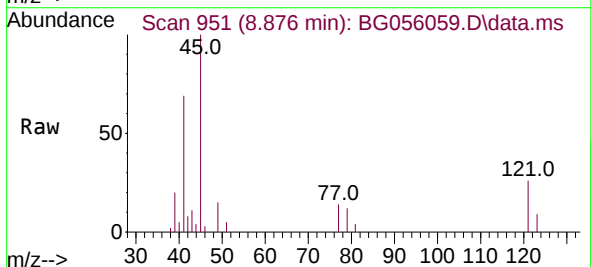
APPROVED

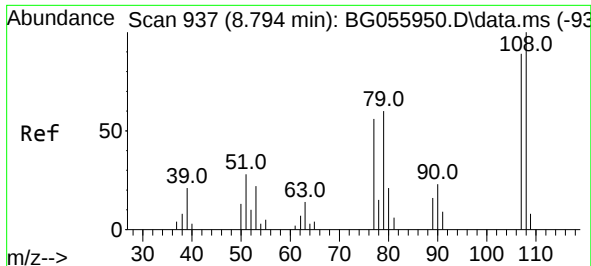
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.929 ng
RT: 8.876 min Scan# 951
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion: 45 Resp: 22955
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.4
79 11.7 0.0 31.8





#17
2-Methylphenol
Concen: 42.160 ng
RT: 8.782 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

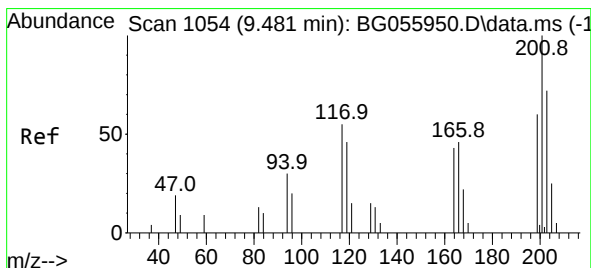
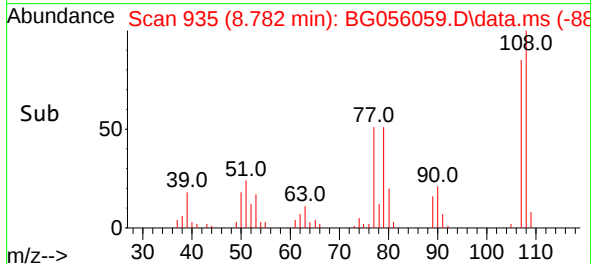
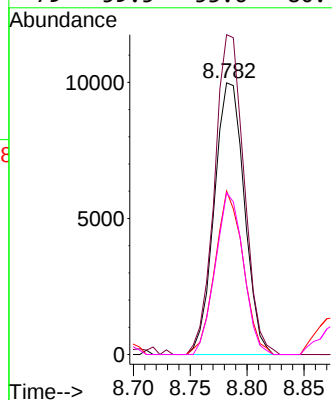
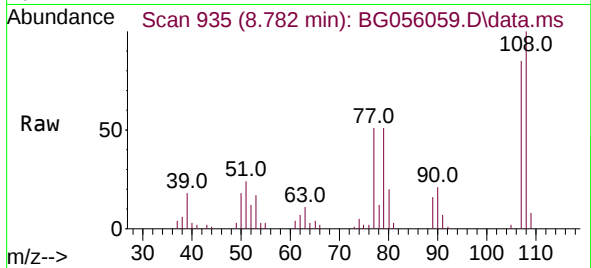
ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 1835
Ion Ratio Lower Upper
107 100
108 117.7 89.8 134.8
77 60.2 50.2 75.2
79 59.5 53.6 80.4

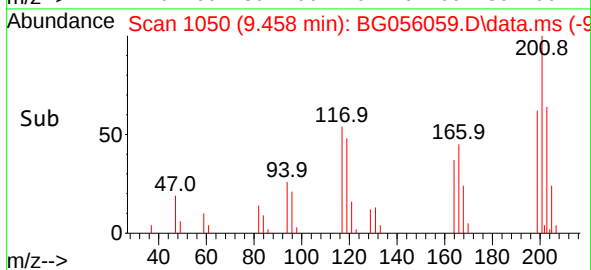
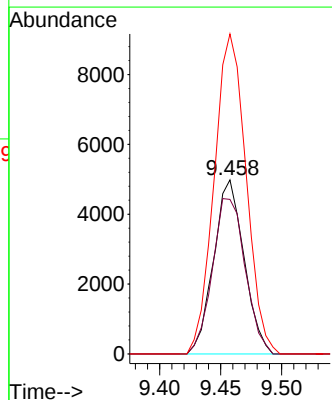
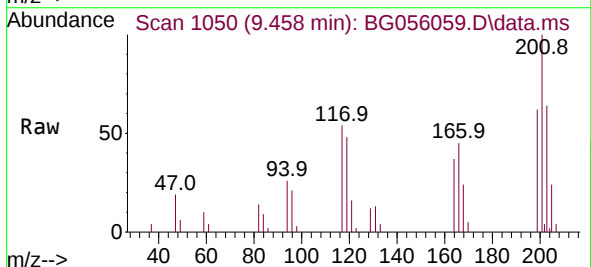
Manual Integrations
APPROVED

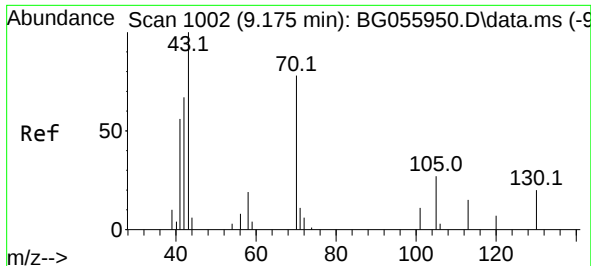
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#18
Hexachloroethane
Concen: 42.488 ng
RT: 9.458 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:117 Resp: 8648
Ion Ratio Lower Upper
117 100
119 88.8 66.8 100.2
201 183.9 144.6 217.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.012 ng
RT: 9.158 min Scan# 991
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

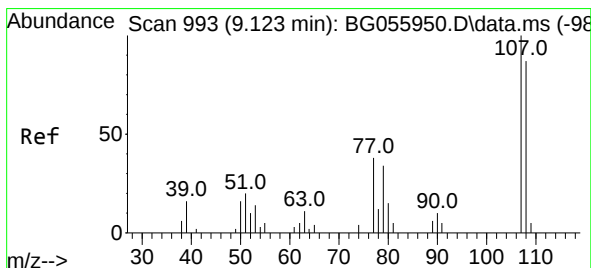
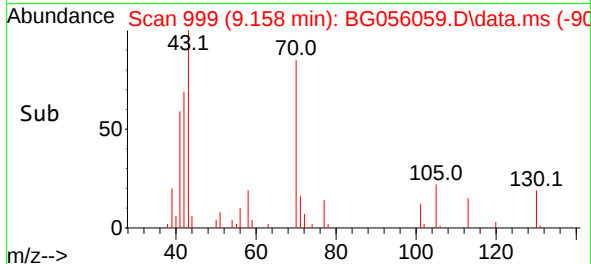
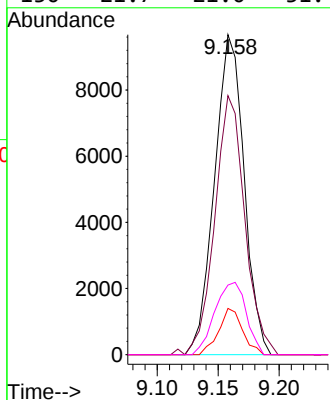
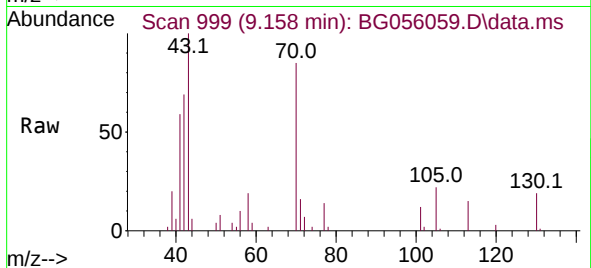
SSTDCCC040

Tgt Ion: 70 Resp: 16314
Ion Ratio Lower Upper
70 100
42 80.9 69.0 103.4
101 14.4 11.8 17.8
130 21.7 21.0 31.4

Manual Integrations

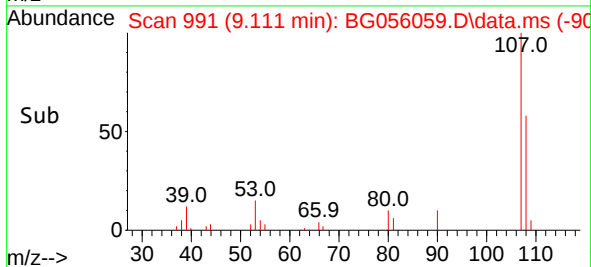
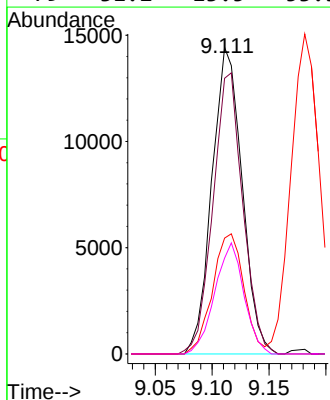
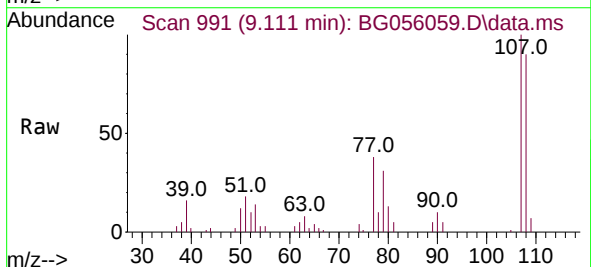
APPROVED

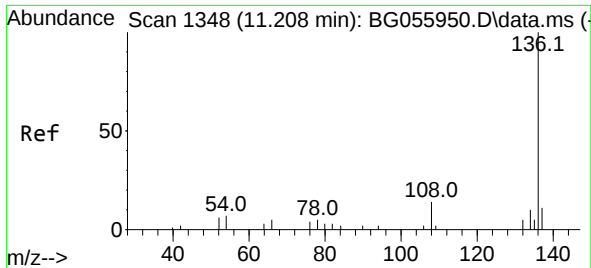
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#20
3+4-Methylphenols
Concen: 42.744 ng
RT: 9.111 min Scan# 991
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

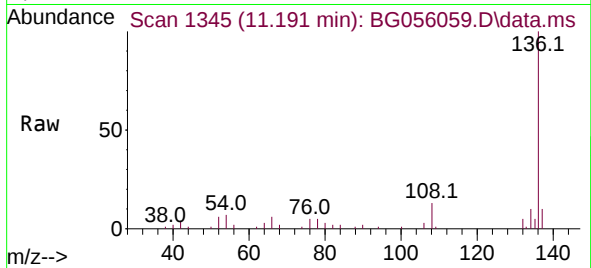
Tgt Ion:107 Resp: 26559
Ion Ratio Lower Upper
107 100
108 89.9 67.0 107.0
77 37.8 18.3 58.3
79 31.2 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

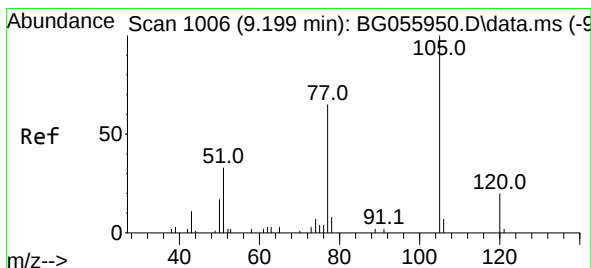
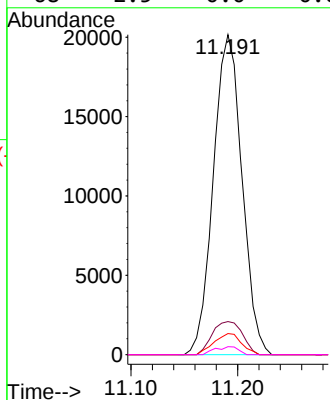
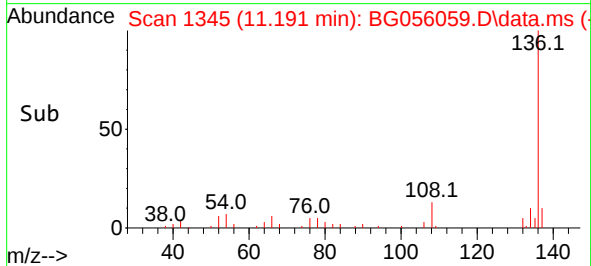
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



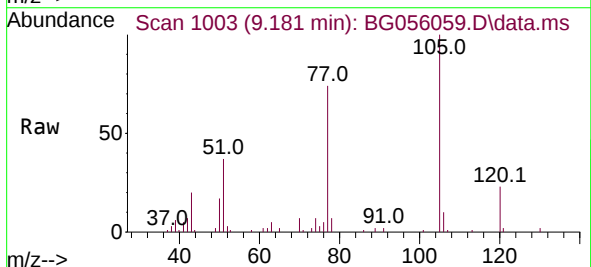
Tgt Ion:136 Resp: 37569
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 6.6 5.6 8.4
68 2.5 0.0 0.0#

Manual Integrations
APPROVED

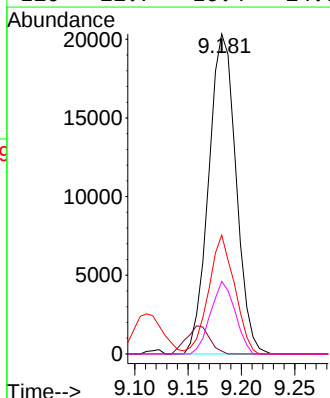
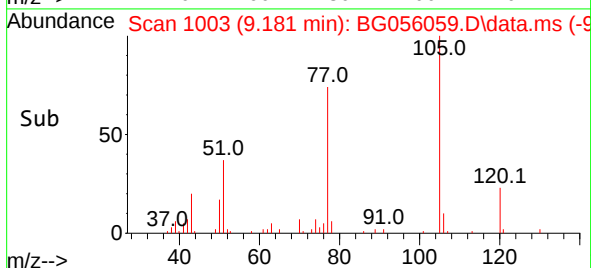
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

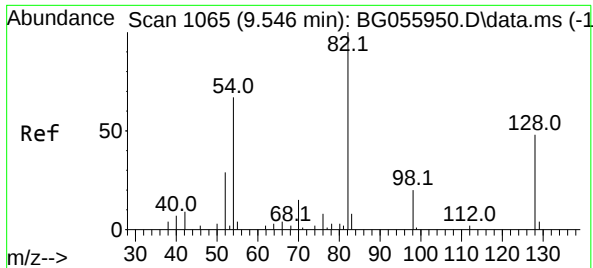


#22
Acetophenone
Concen: 38.945 ng
RT: 9.181 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:105 Resp: 36266
Ion Ratio Lower Upper
105 100
71 0.9 0.0 0.0#
51 37.1 26.7 40.1
120 22.7 16.4 24.6





#23

Nitrobenzene-d5

Concen: 94.732 ng

RT: 9.528 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

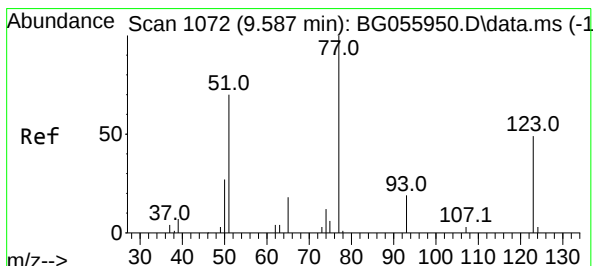
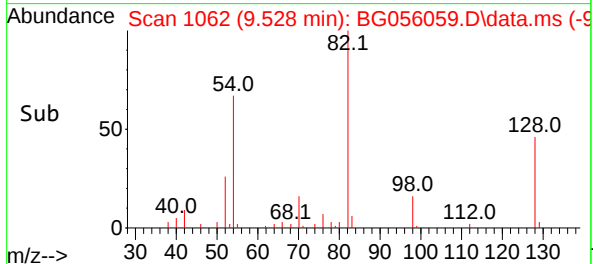
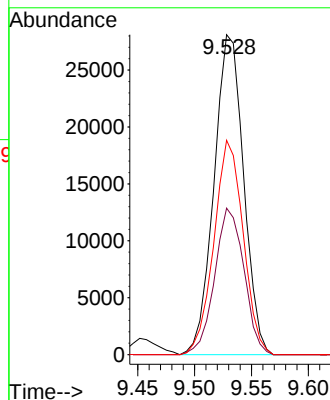
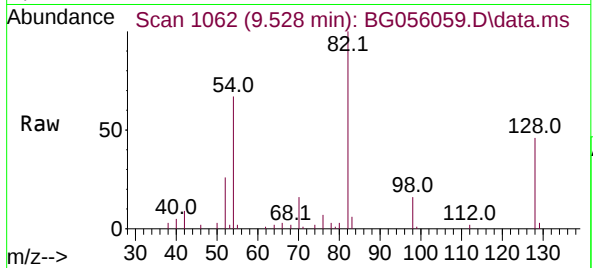
SSTDCCC040

Tgt Ion: 82	Resp: 50923
Ion Ratio	Lower Upper
82 100	
128 45.8	38.4 57.6
54 67.0	53.3 79.9

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 46.619 ng

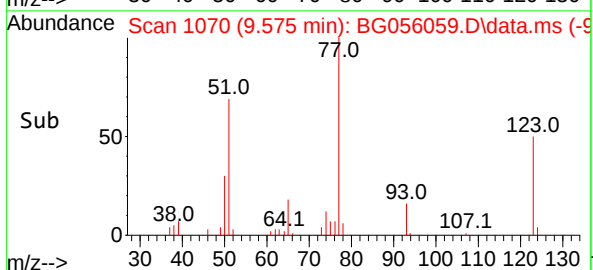
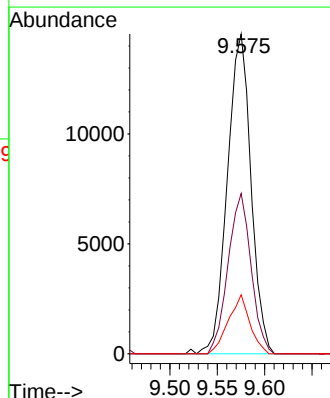
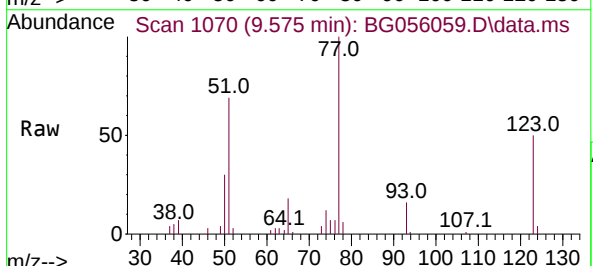
RT: 9.575 min Scan# 1070

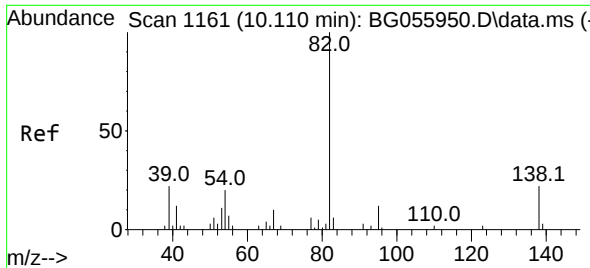
Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Tgt Ion: 77	Resp: 25224
Ion Ratio	Lower Upper
77 100	
123 50.1	38.9 58.3
65 18.5	14.7 22.1





#25
Isophorone
Concen: 41.518 ng
RT: 10.092 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

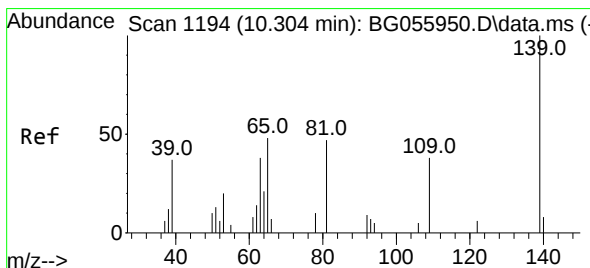
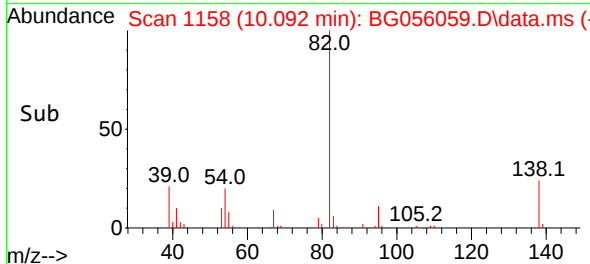
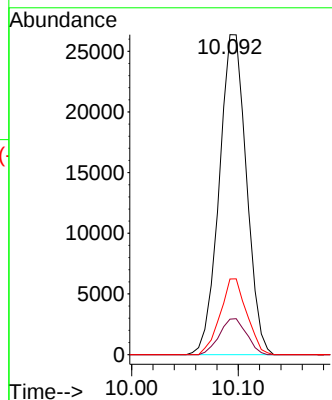
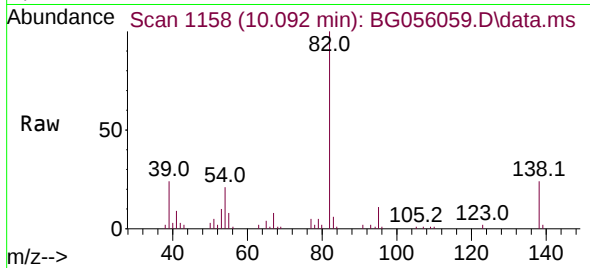
SSTDCCC040

Tgt Ion: 82 Resp: 46799
Ion Ratio Lower Upper
82 100
95 11.1 9.4 14.0
138 23.6 17.7 26.5

Manual Integrations

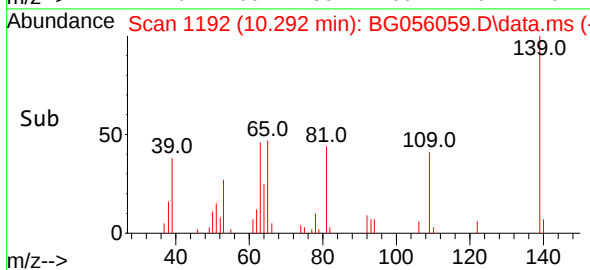
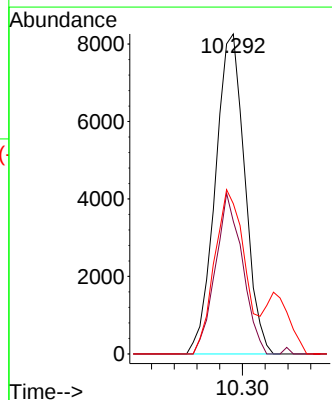
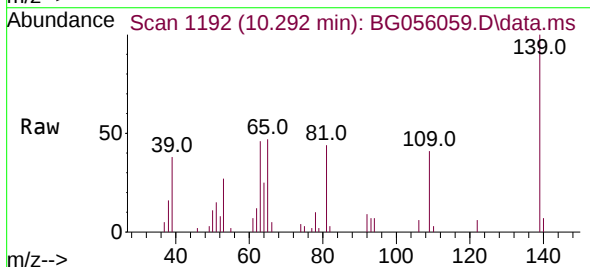
APPROVED

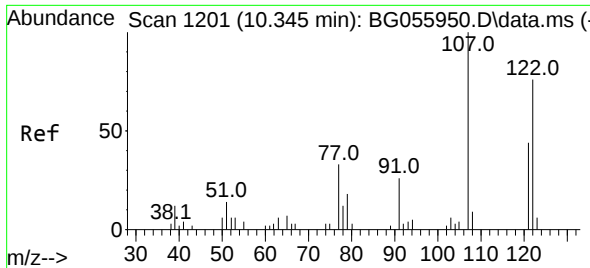
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
2-Nitrophenol
Concen: 46.353 ng
RT: 10.292 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:139 Resp: 14847
Ion Ratio Lower Upper
139 100
109 41.4 30.7 46.1
65 46.9 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 37.832 ng m
RT: 10.333 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

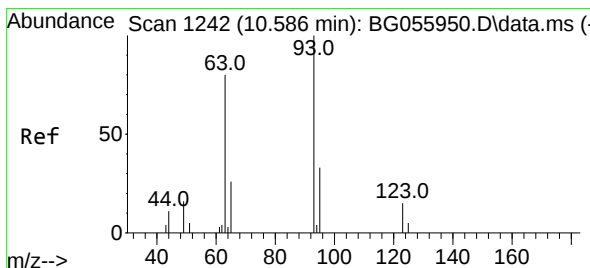
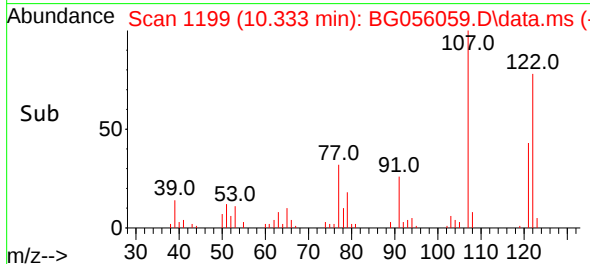
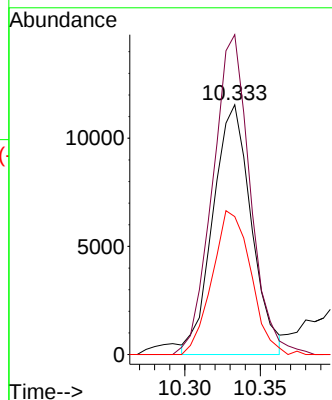
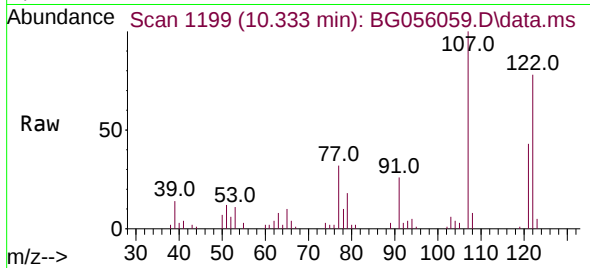
SSTDCCC040

Tgt Ion:122 Resp: 2035
Ion Ratio Lower Upper
122 100
107 128.1 105.9 158.9
121 55.2 46.1 69.1

Manual Integrations

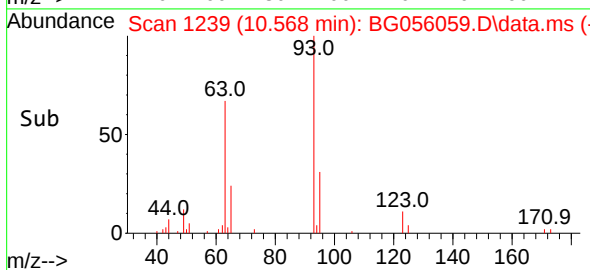
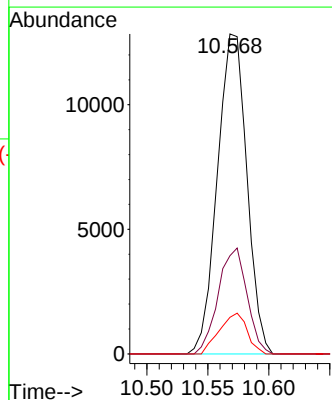
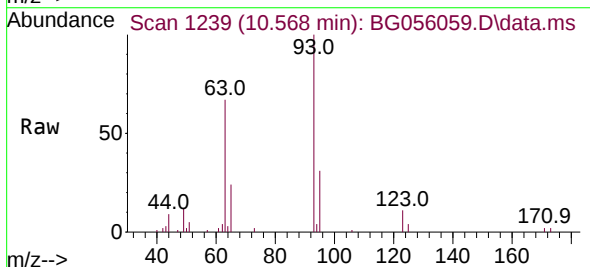
APPROVED

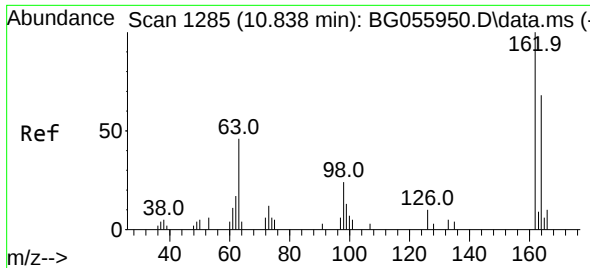
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.340 ng
RT: 10.568 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion: 93 Resp: 21591
Ion Ratio Lower Upper
93 100
95 30.7 26.3 39.5
123 11.4 12.2 18.2#





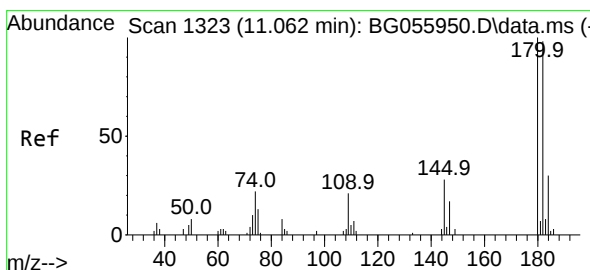
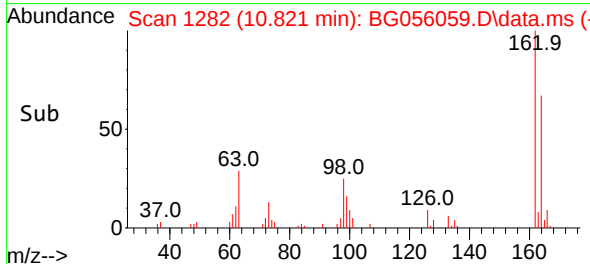
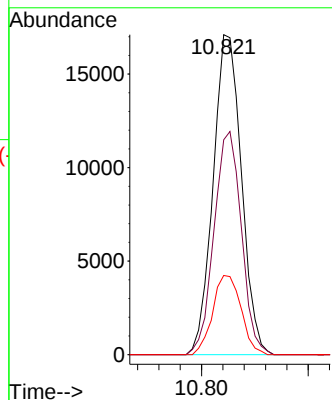
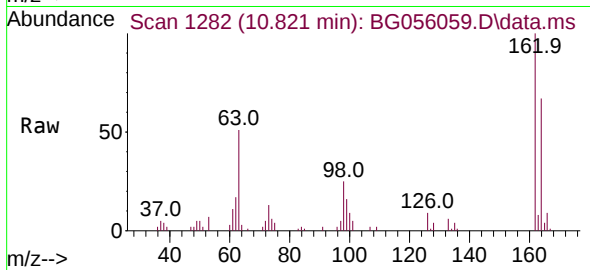
#29
2,4-Dichlorophenol
Concen: 41.356 ng
RT: 10.821 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 31576
Ion Ratio Lower Upper
162 100
164 67.1 47.5 87.5
98 24.7 4.3 44.3

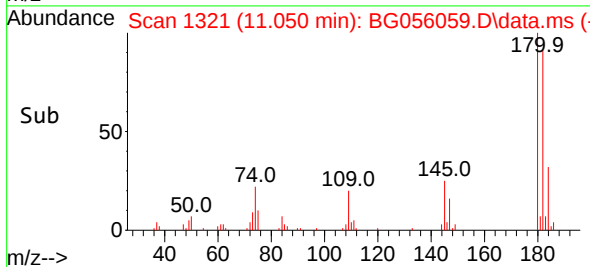
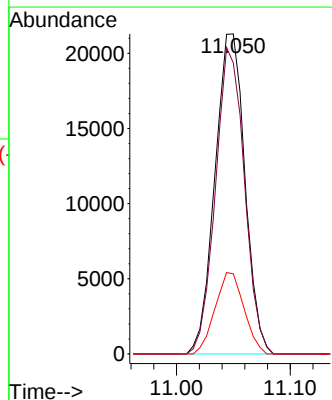
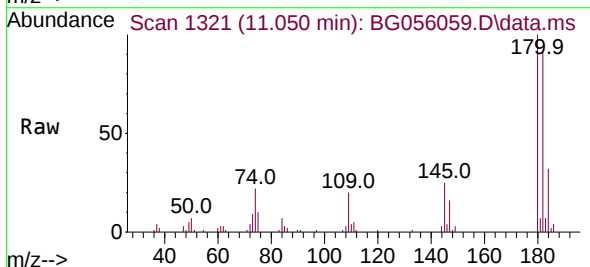
Manual Integrations
APPROVED

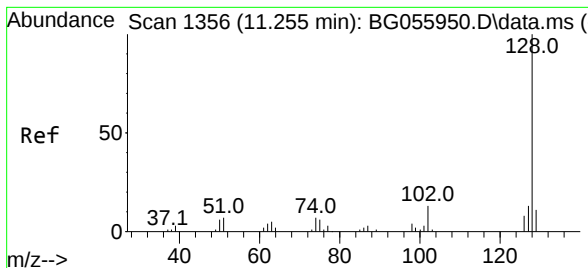
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#30
1,2,4-Trichlorobenzene
Concen: 39.286 ng
RT: 11.050 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:180 Resp: 38992
Ion Ratio Lower Upper
180 100
182 90.9 78.1 117.1
145 25.0 22.4 33.6





#31
Naphthalene
Concen: 39.433 ng
RT: 11.244 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

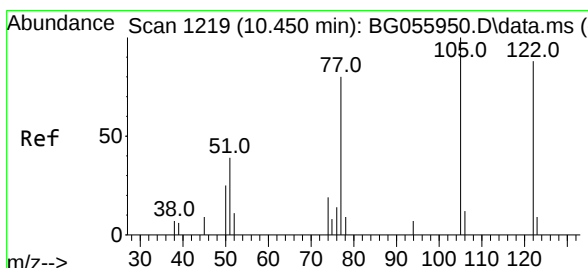
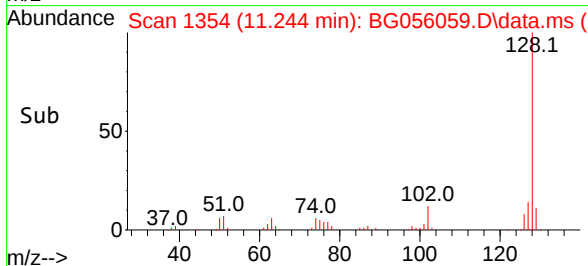
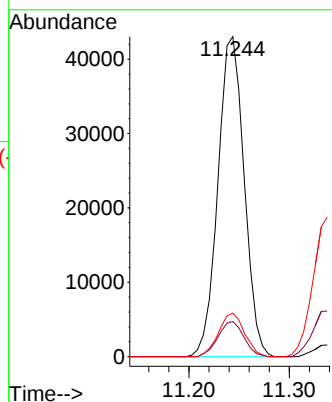
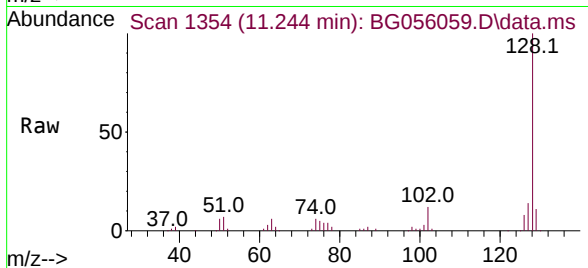
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 7816
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.3 15.5

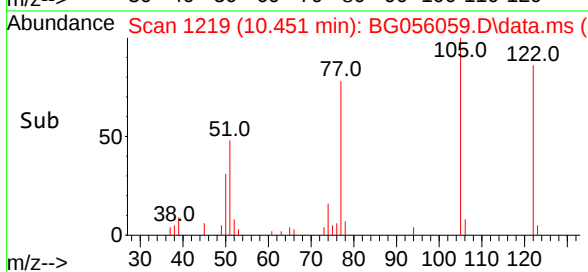
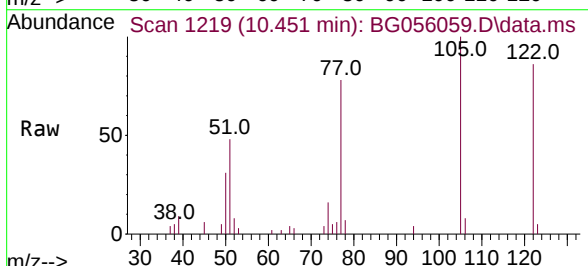
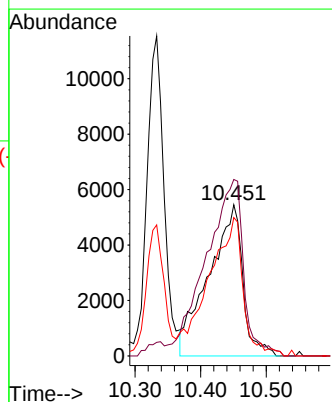
Manual Integrations
APPROVED

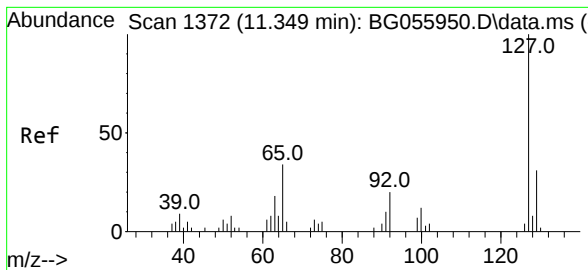
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#32
Benzoic acid
Concen: 43.006 ng
RT: 10.451 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:122 Resp: 19532
Ion Ratio Lower Upper
122 100
105 116.7 90.6 130.6
77 91.5 61.0 101.0





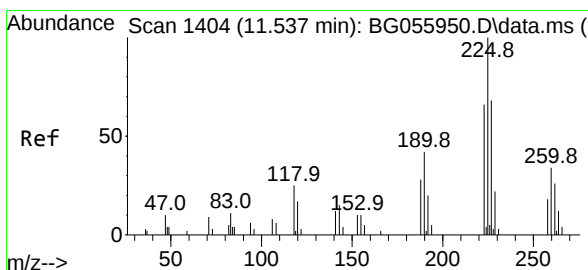
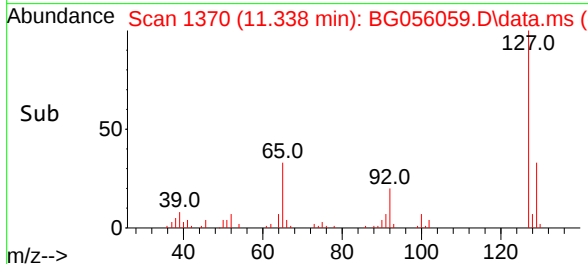
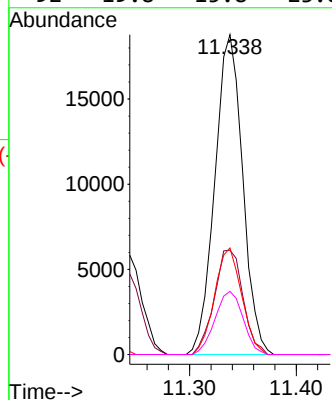
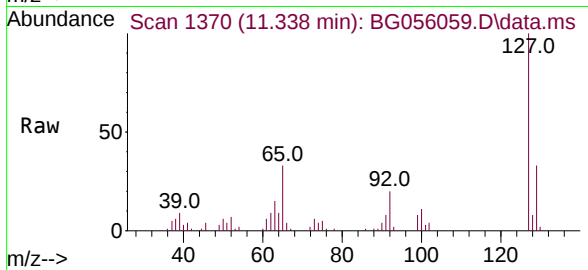
#33
4-Chloroaniline
Concen: 40.168 ng
RT: 11.338 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	3413
Ion Ratio	Lower	Upper	
127	100		
129	32.6	24.5	36.7
65	33.3	27.1	40.7
92	19.8	15.8	23.8

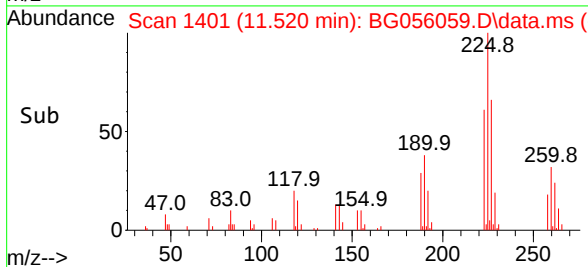
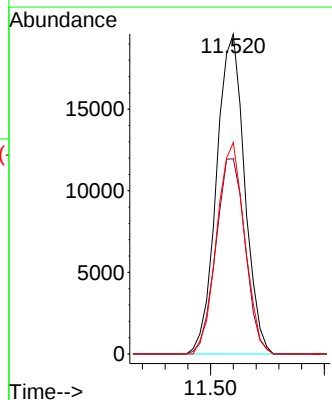
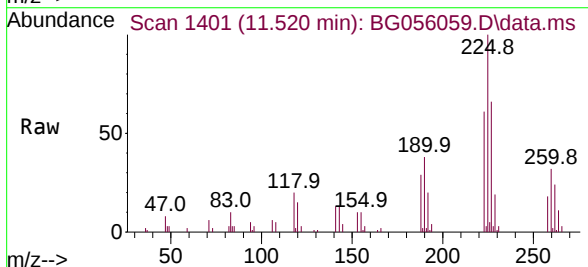
Manual Integrations
APPROVED

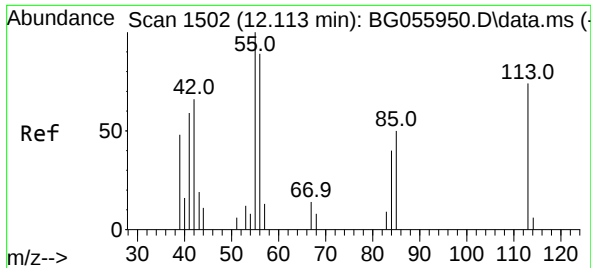
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#34
Hexachlorobutadiene
Concen: 35.949 ng
RT: 11.520 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:	225	Resp:	33544
Ion Ratio	Lower	Upper	
225	100		
223	61.0	53.2	79.8
227	66.0	54.7	82.1





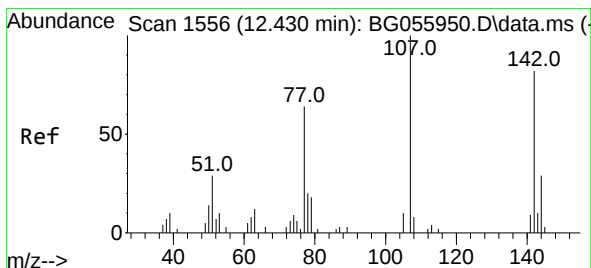
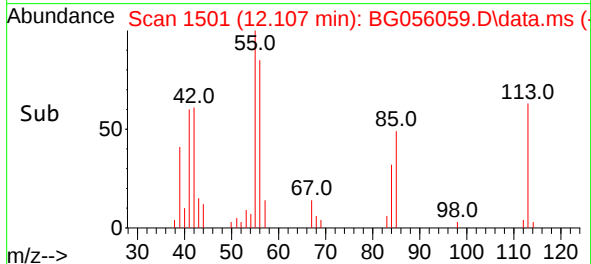
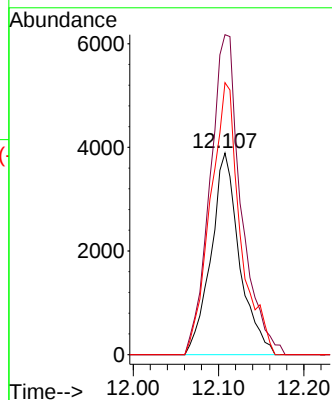
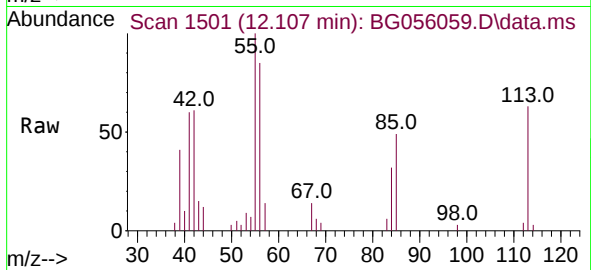
#35
 Caprolactam
 Concen: 42.340 ng
 RT: 12.107 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 900
 Ion Ratio Lower Upper
 113 100
 55 158.8 114.8 154.8
 56 134.9 99.8 139.8

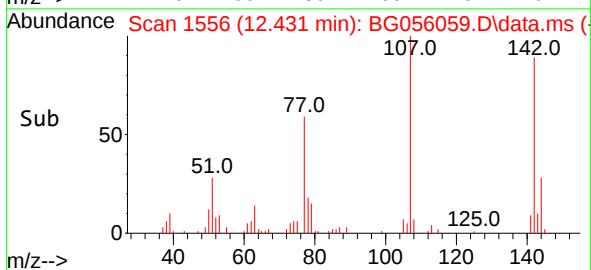
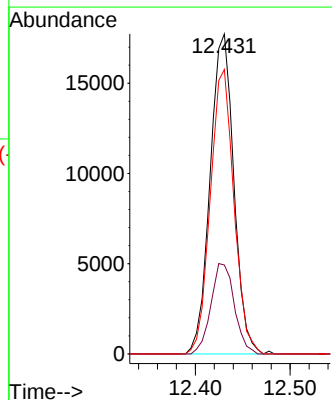
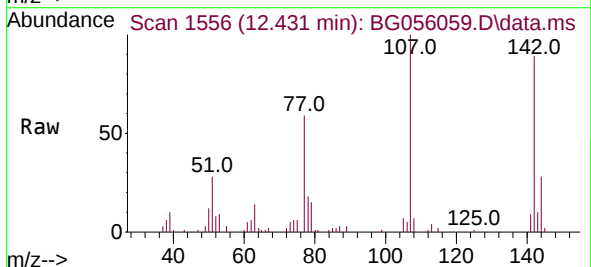
Manual Integrations
 APPROVED

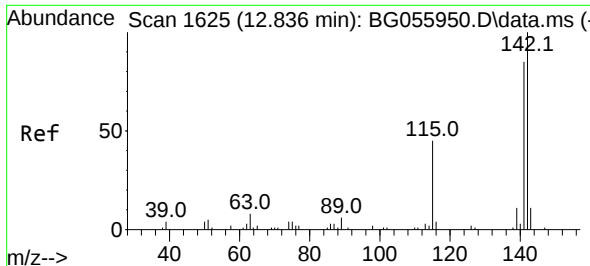
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.052 ng
 RT: 12.431 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

Tgt Ion:107 Resp: 30823
 Ion Ratio Lower Upper
 107 100
 144 27.8 23.3 34.9
 142 88.9 65.6 98.4





#37
2-Methylnaphthalene
Concen: 40.238 ng
RT: 12.818 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

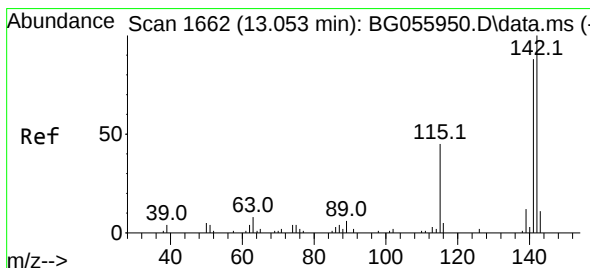
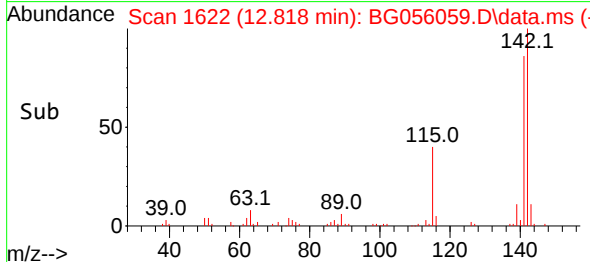
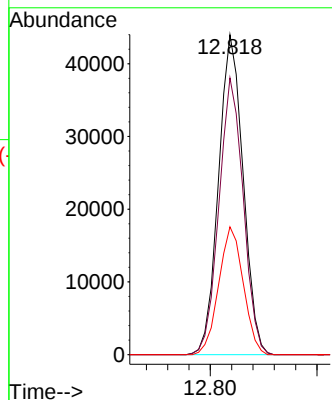
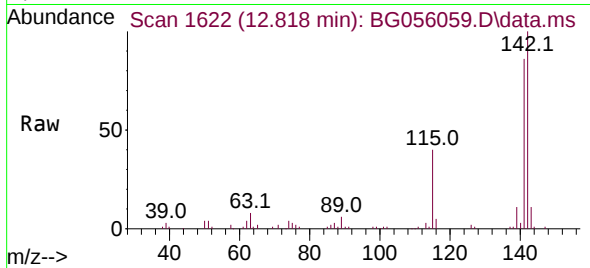
ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 70463
Ion Ratio Lower Upper
142 100
141 86.5 67.8 101.6
115 39.9 35.7 53.5

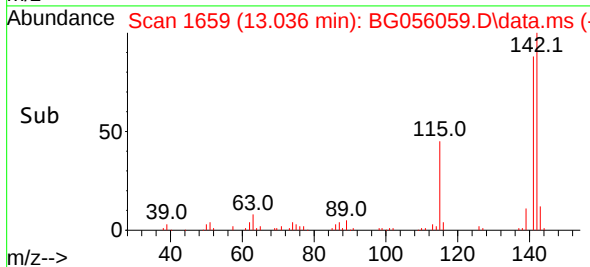
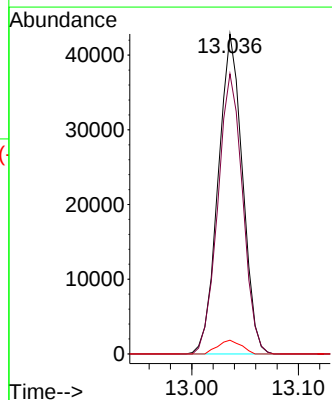
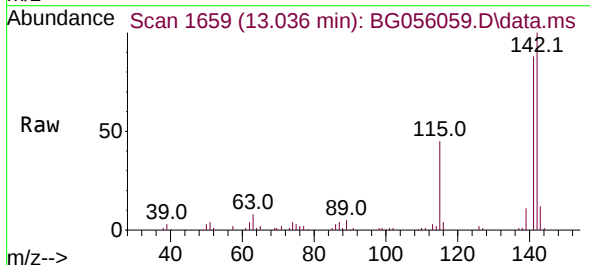
Manual Integrations
APPROVED

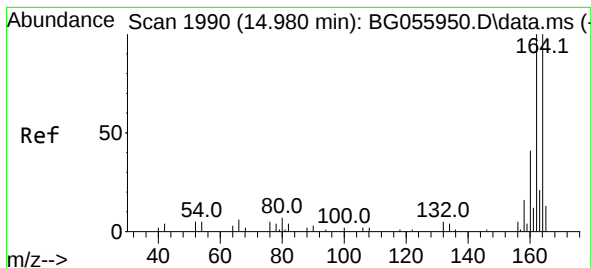
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#38
1-Methylnaphthalene
Concen: 39.756 ng
RT: 13.036 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:142 Resp: 67822
Ion Ratio Lower Upper
142 100
141 87.5 70.2 105.2
116 4.3 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

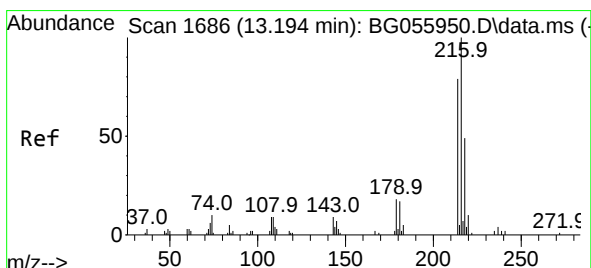
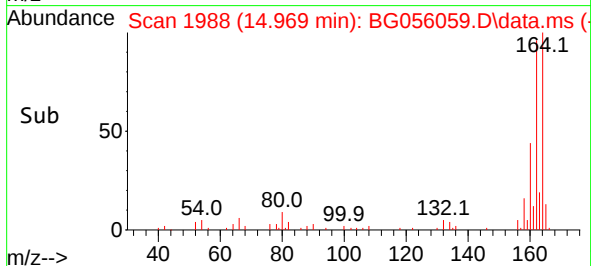
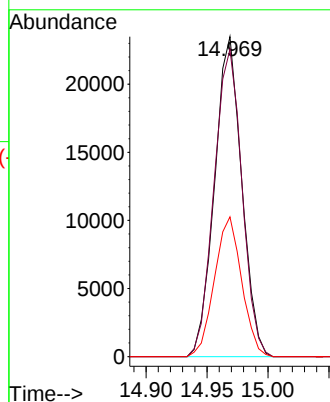
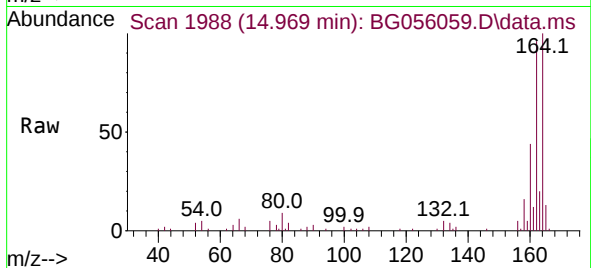
SSTDCCC040

Tgt Ion:164	Resp:	36330
Ion Ratio	Lower	Upper
164	100	
162	96.1	79.8 119.8
160	43.7	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: 38.997 ng

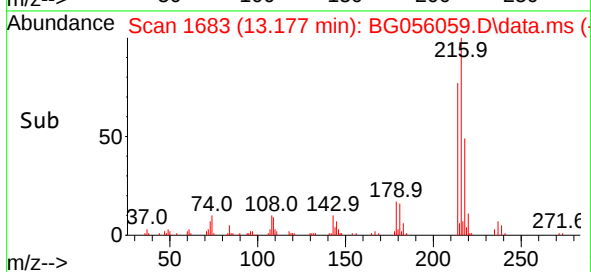
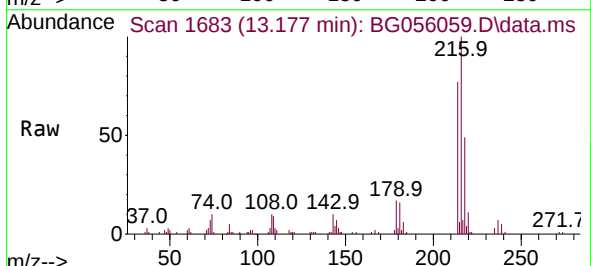
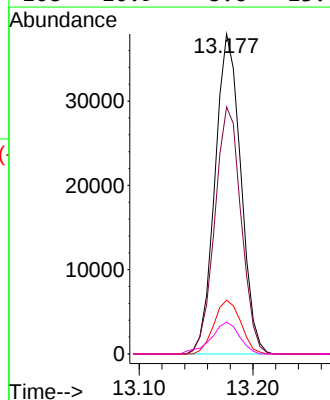
RT: 13.177 min Scan# 1683

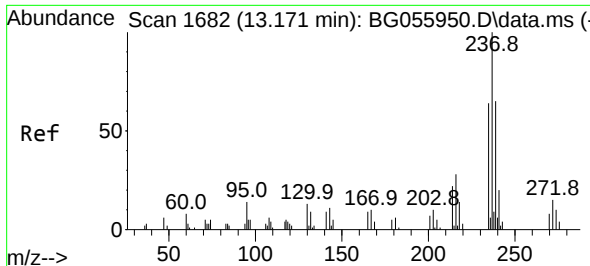
Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

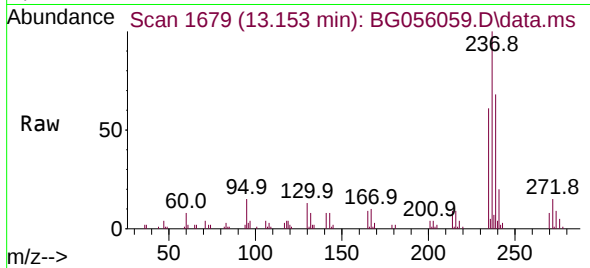
Tgt Ion:216	Resp:	59775
Ion Ratio	Lower	Upper
216	100	
214	78.8	61.5 92.3
179	17.4	14.6 21.8
108	10.9	8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 40.035 ng
RT: 13.153 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

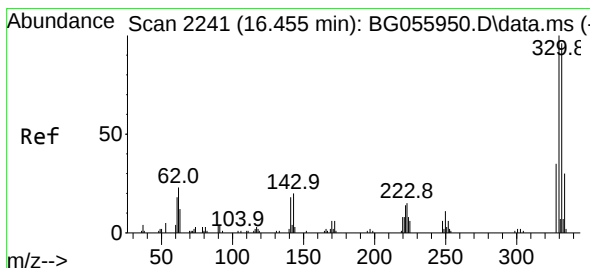
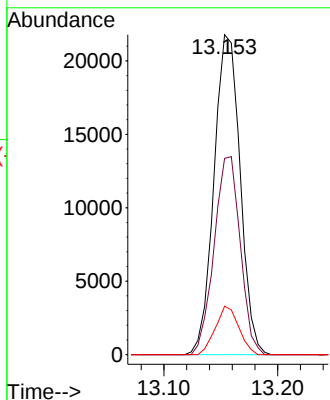
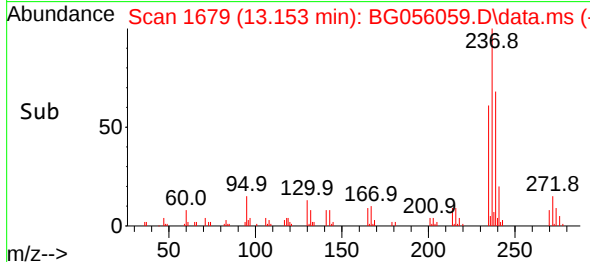
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



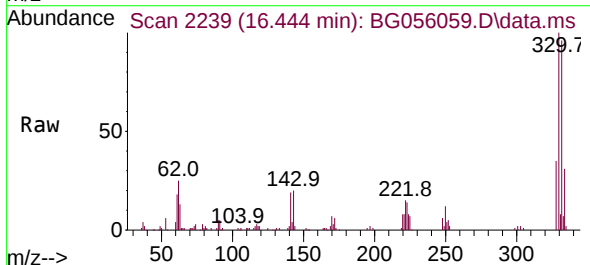
Tgt Ion:237 Resp: 34814
Ion Ratio Lower Upper
237 100
235 61.3 43.7 83.7
272 15.1 0.0 35.1

Manual Integrations
APPROVED

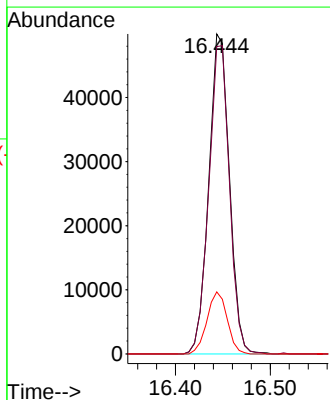
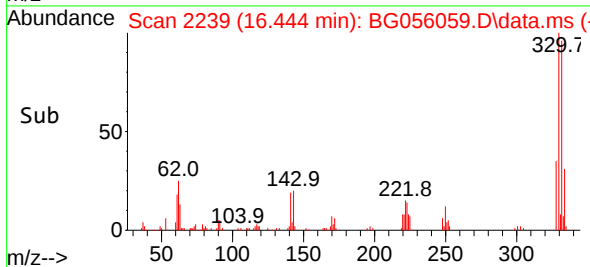
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

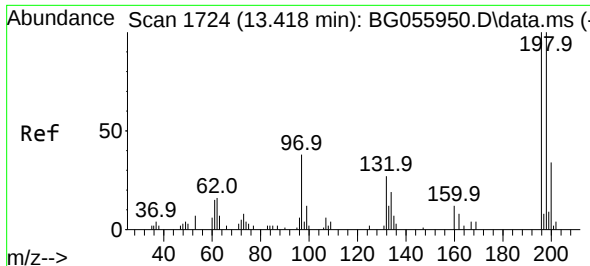


#42
2,4,6-Tribromophenol
Concen: 86.235 ng
RT: 16.444 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



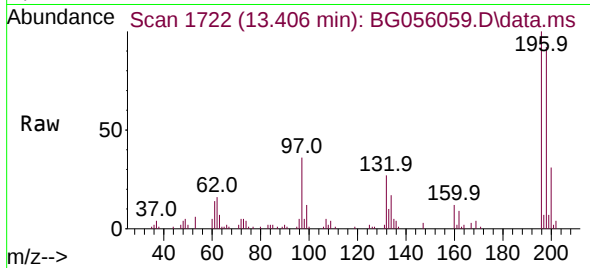
Tgt Ion:330 Resp: 75544
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 18.9 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 44.138 ng
RT: 13.406 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

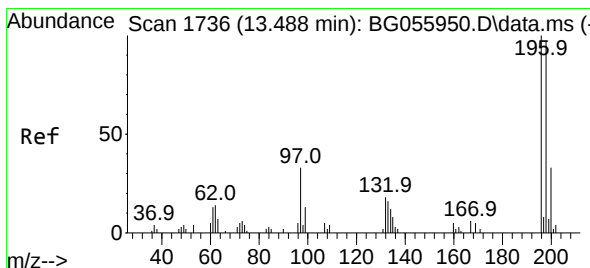
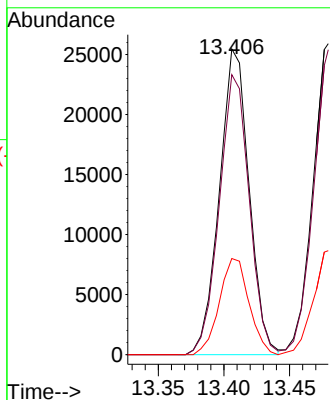
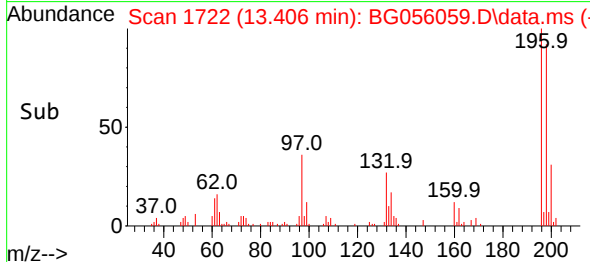
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



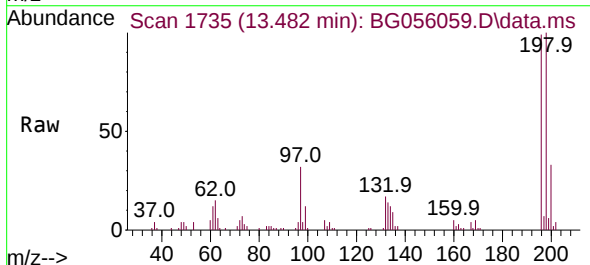
Tgt Ion:196 Resp: 40049
Ion Ratio Lower Upper
196 100
198 91.5 80.2 120.4
200 31.4 27.6 41.4

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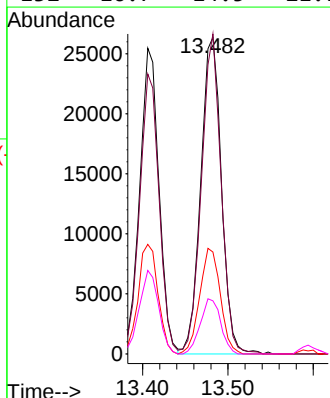
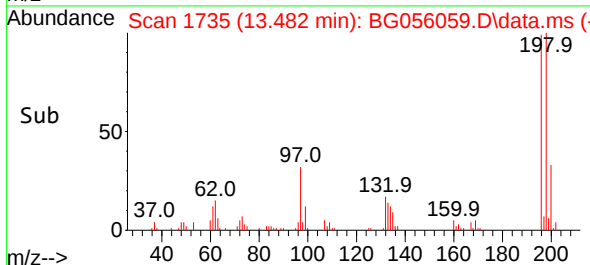
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

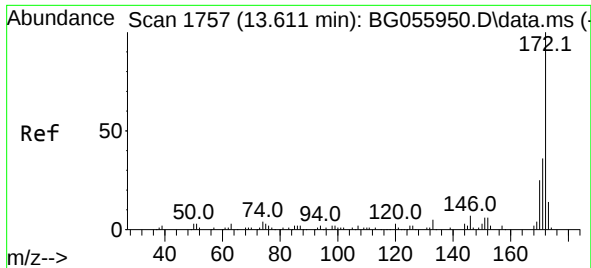


#44
2,4,5-Trichlorophenol
Concen: 43.377 ng
RT: 13.482 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:196 Resp: 44367
Ion Ratio Lower Upper
196 100
198 101.1 78.0 117.0
97 32.2 26.0 39.0
132 16.7 14.5 21.7





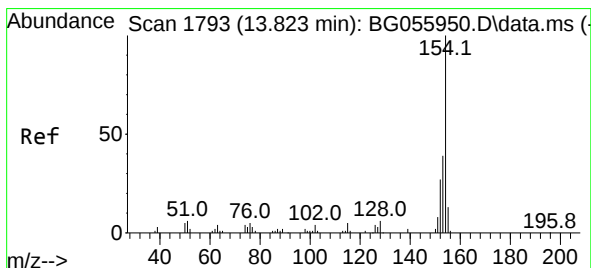
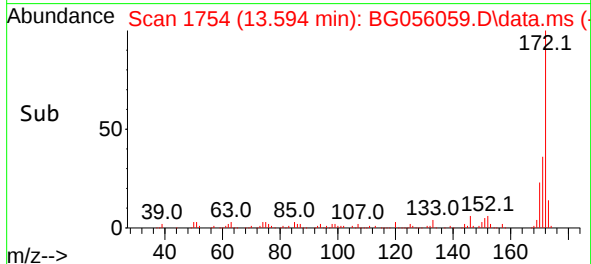
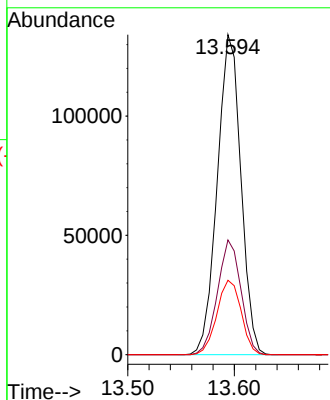
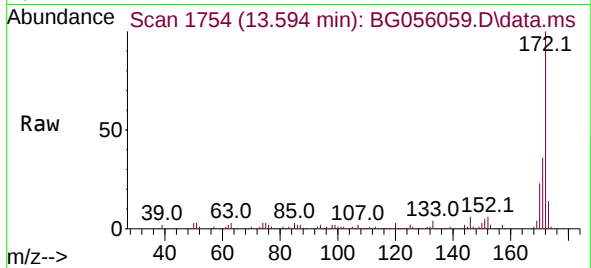
#45
2-Fluorobiphenyl
Concen: 79.875 ng
RT: 13.594 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 206909
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.2 19.9 29.9

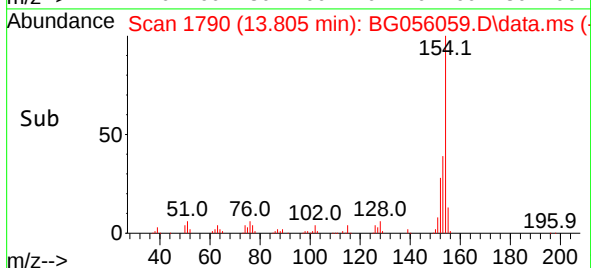
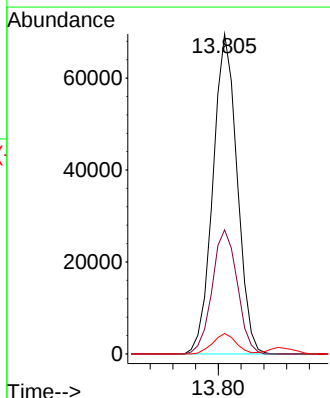
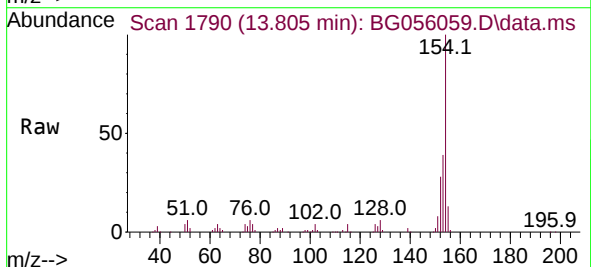
Manual Integrations
APPROVED

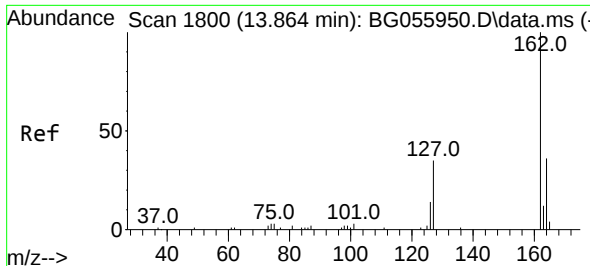
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#46
1,1'-Biphenyl
Concen: 41.774 ng
RT: 13.805 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

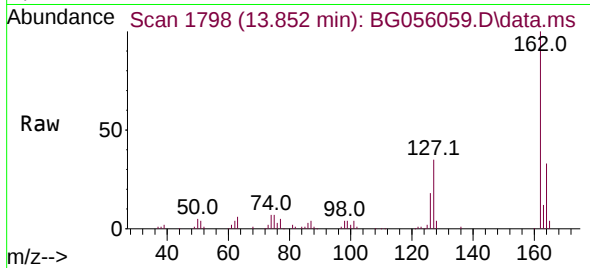
Tgt Ion:154 Resp: 102870
Ion Ratio Lower Upper
154 100
153 38.8 19.5 59.5
76 6.4 0.0 25.5





#47
2-Chloronaphthalene
Concen: 41.093 ng
RT: 13.852 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

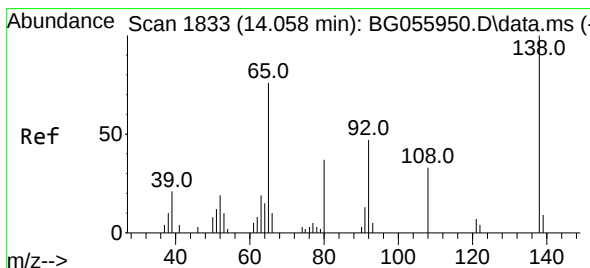
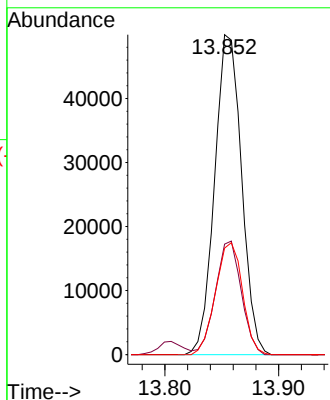
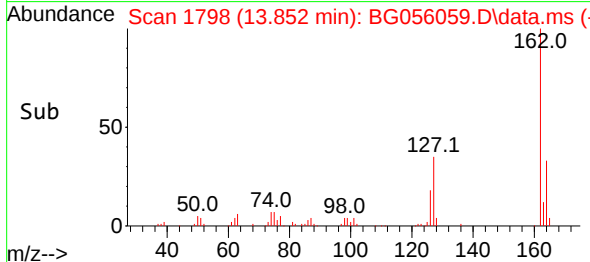
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



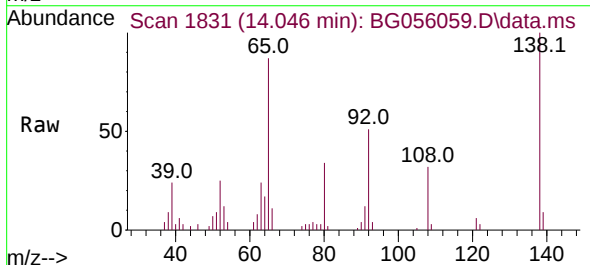
Tgt Ion:162 Resp: 82224
Ion Ratio Lower Upper
162 100
127 34.5 31.0 46.4
164 33.3 28.6 42.8

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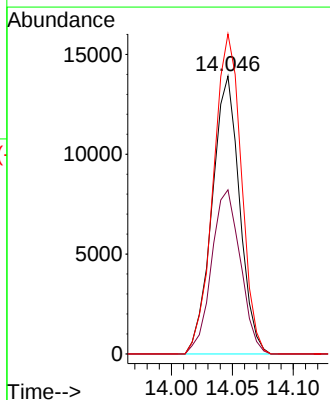
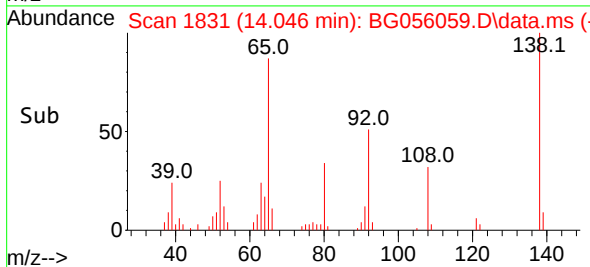
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

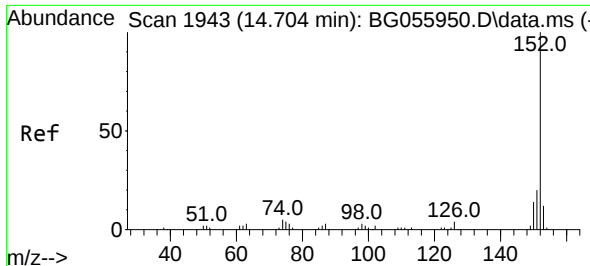


#48
2-Nitroaniline
Concen: 54.901 ng
RT: 14.046 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



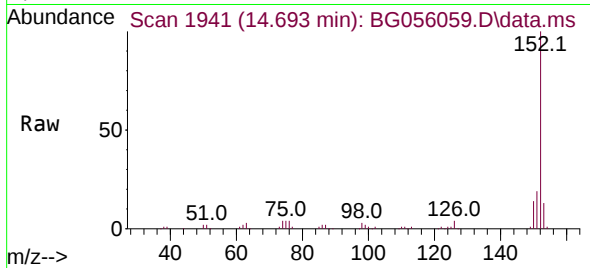
Tgt Ion: 65 Resp: 21825
Ion Ratio Lower Upper
65 100
92 59.1 49.7 74.5
138 115.2 105.0 157.6





#49
Acenaphthylene
Concen: 41.091 ng
RT: 14.693 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

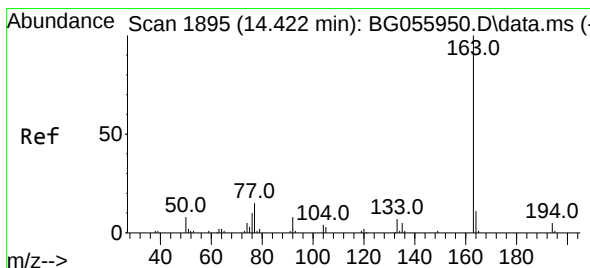
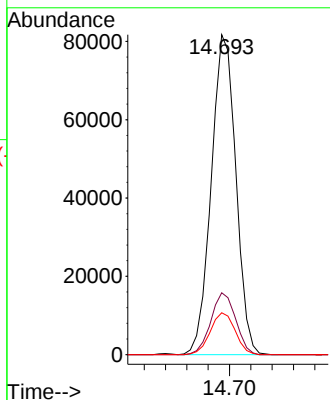
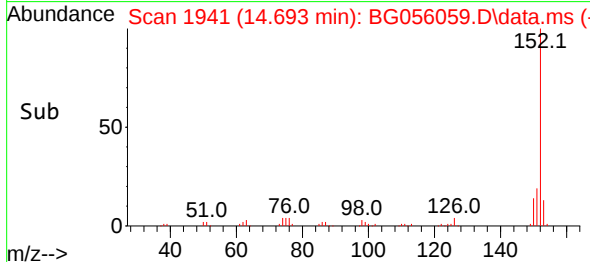
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



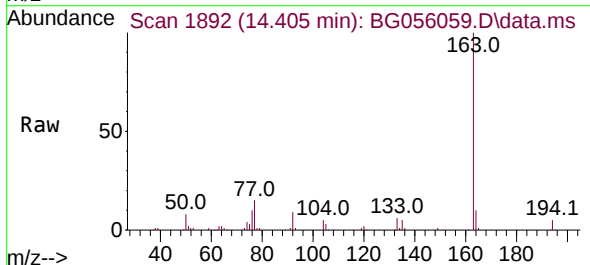
Tgt Ion:152 Resp: 131239
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.1 10.0 15.0

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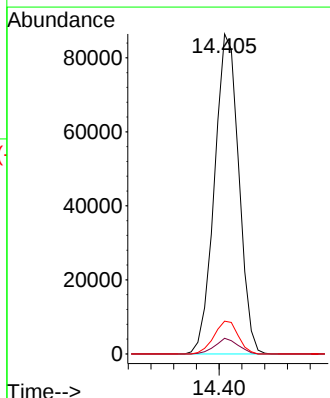
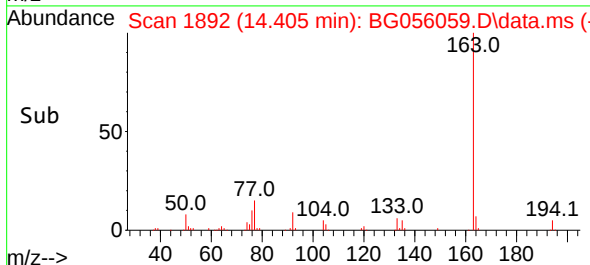
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

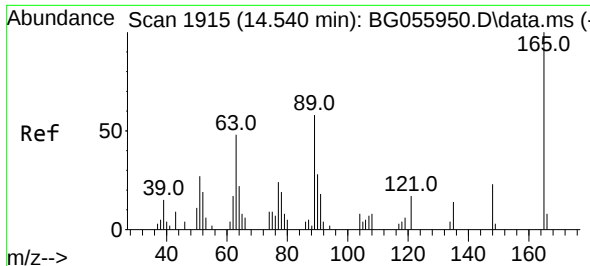


#50
Dimethylphthalate
Concen: 40.781 ng
RT: 14.405 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:163 Resp: 128091
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.2 8.6 13.0





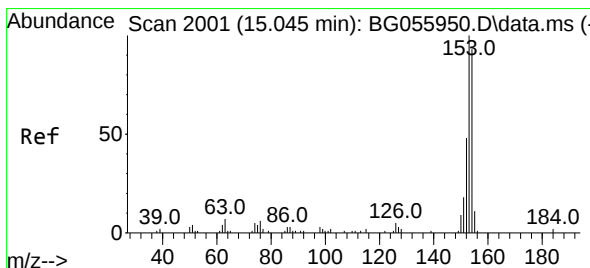
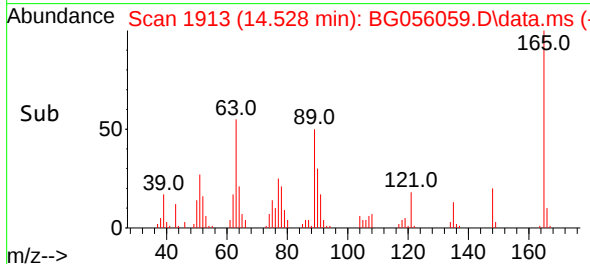
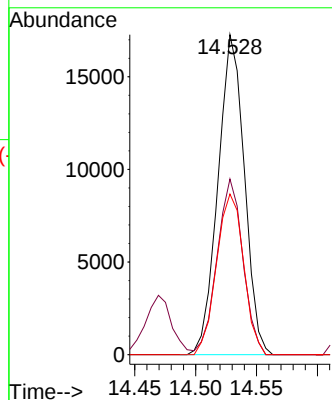
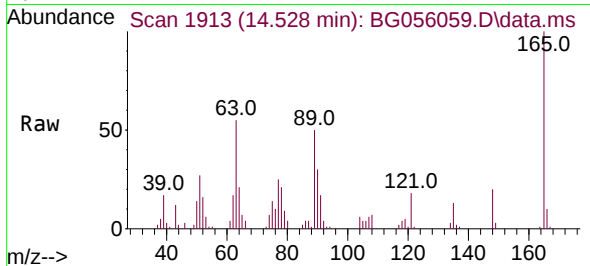
#51
2,6-Dinitrotoluene
Concen: 53.558 ng
RT: 14.528 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 26032
Ion Ratio Lower Upper
165 100
63 54.9 38.3 57.5
89 50.2 46.3 69.5

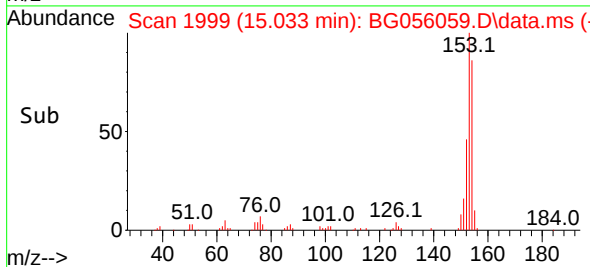
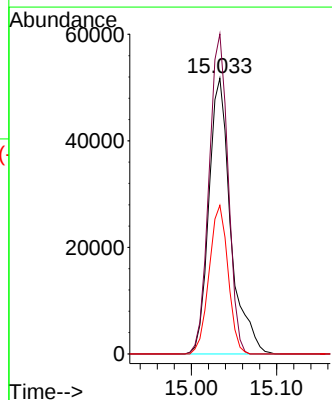
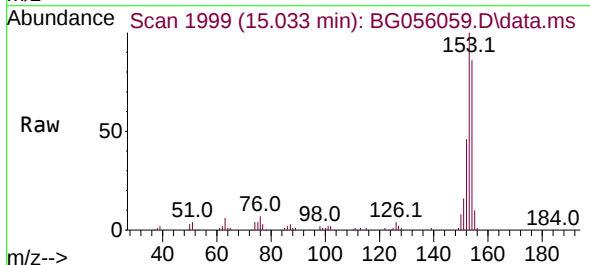
Manual Integrations
APPROVED

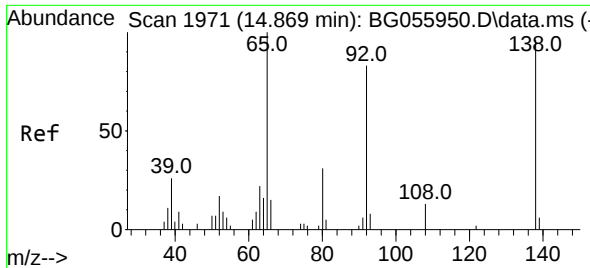
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#52
Acenaphthene
Concen: 42.941 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:154 Resp: 92071
Ion Ratio Lower Upper
154 100
153 116.1 86.2 129.2
152 53.9 41.4 62.0





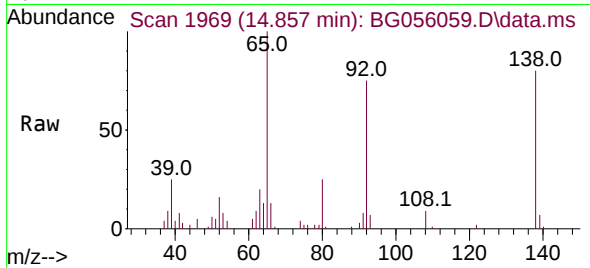
#53
3-Nitroaniline
Concen: 47.899 ng
RT: 14.857 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

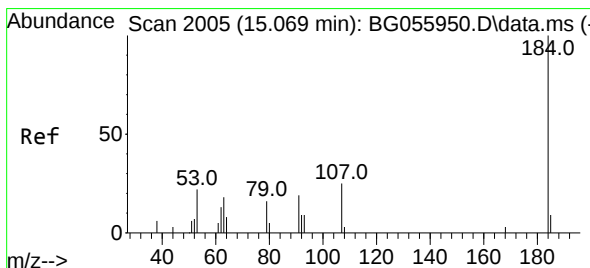
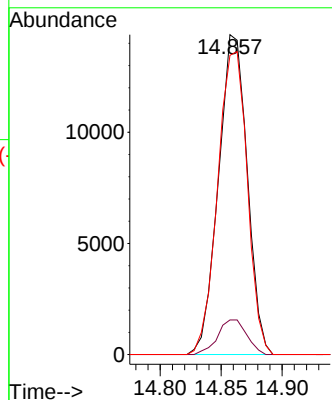


Tgt Ion:138 Resp: 23681
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3#
92 93.5 69.4 104.0#

Manual Integrations

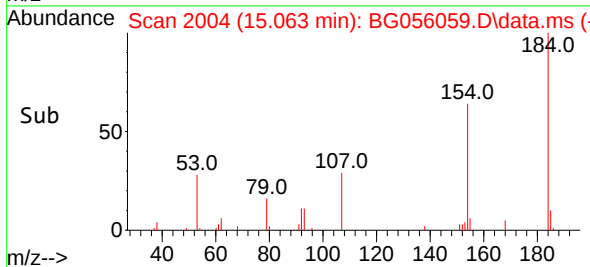
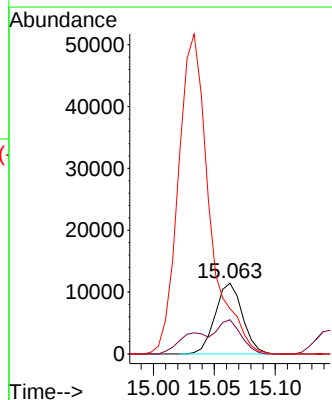
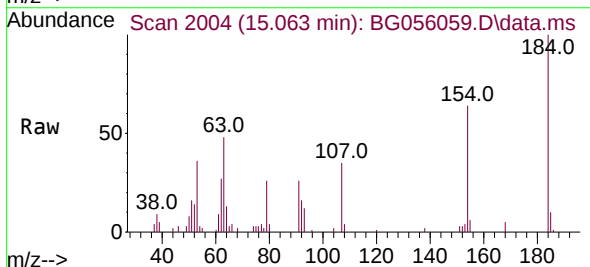
APPROVED

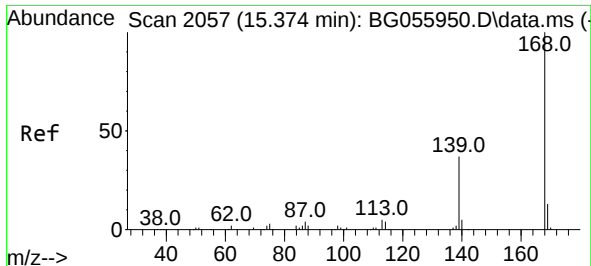
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#54
2,4-Dinitrophenol
Concen: 49.056 ng
RT: 15.063 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

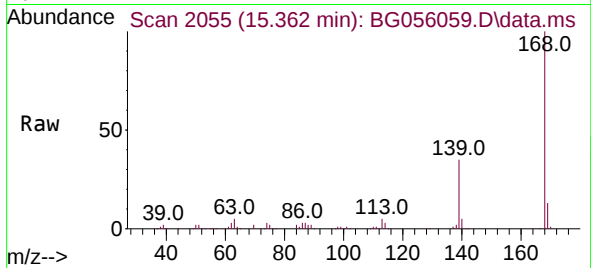
Tgt Ion:184 Resp: 17726
Ion Ratio Lower Upper
184 100
63 48.3 23.0 34.4#
154 64.1 67.0 100.4#





#55
Dibenzenofuran
Concen: 41.237 ng
RT: 15.362 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

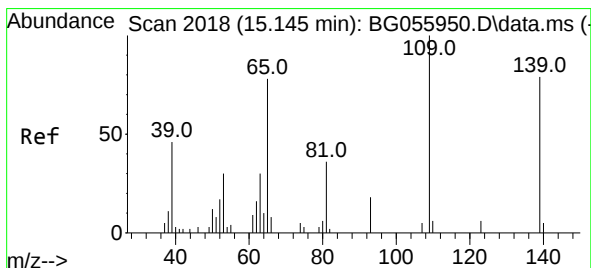
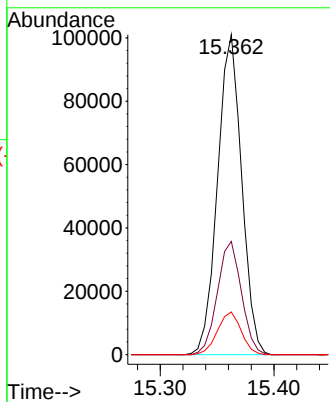
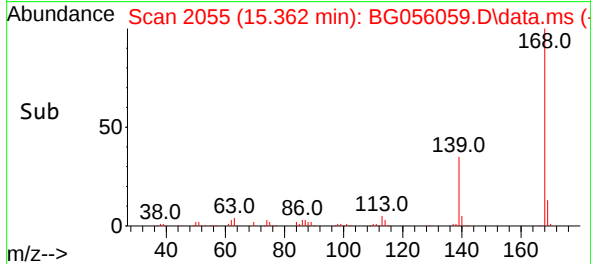
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



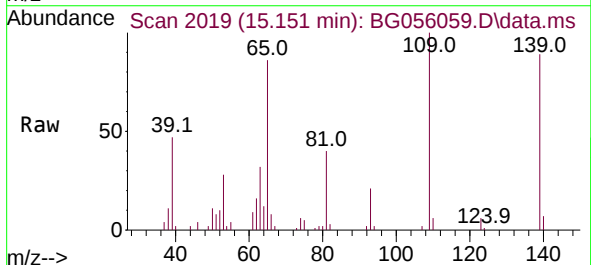
Tgt Ion:168 Resp: 148685
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.8
169 13.3 10.6 16.0

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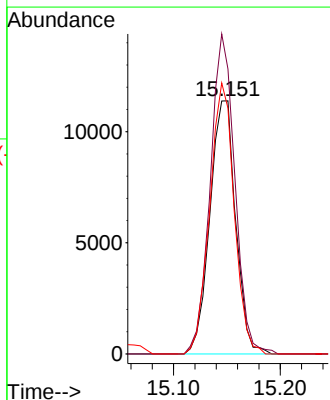
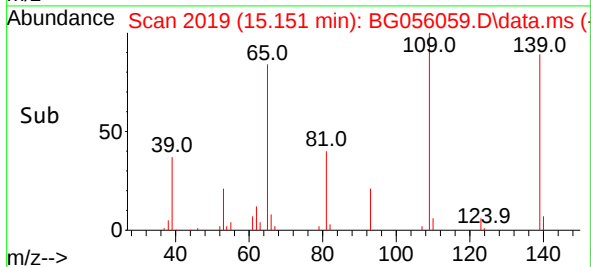
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

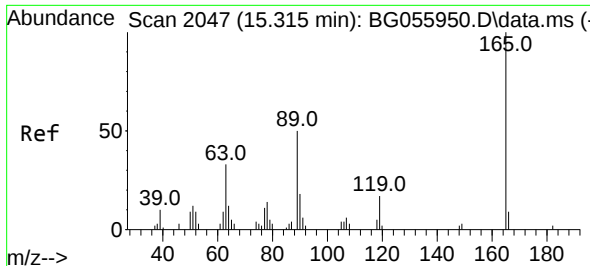


#56
4-Nitrophenol
Concen: 48.278 ng
RT: 15.151 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:139 Resp: 19127
Ion Ratio Lower Upper
139 100
109 112.6 106.7 146.7
65 97.1 79.2 119.2





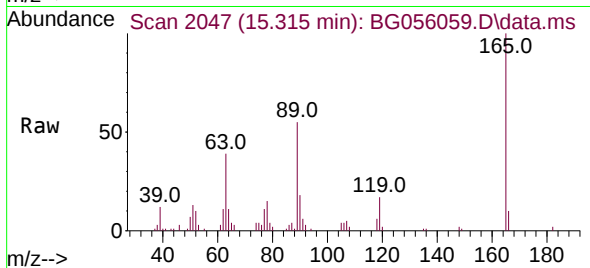
#57
2,4-Dinitrotoluene
Concen: 52.498 ng
RT: 15.315 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

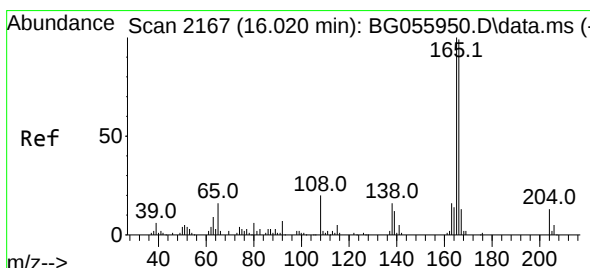
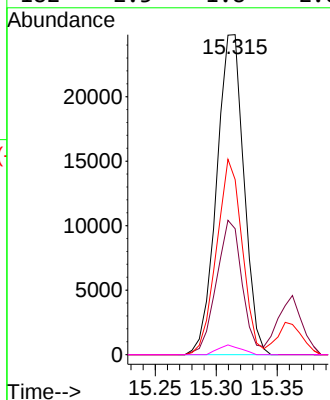
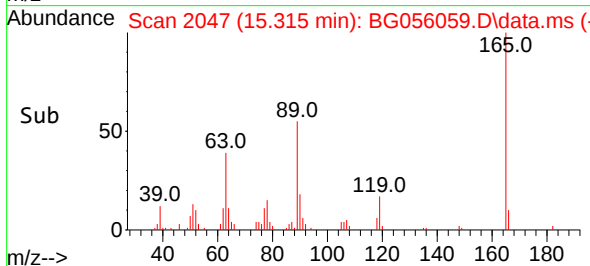


Tgt Ion:165 Resp: 38517
Ion Ratio Lower Upper
165 100
63 39.3 26.6 39.8
89 54.7 40.1 60.1
182 2.3 1.8 2.6

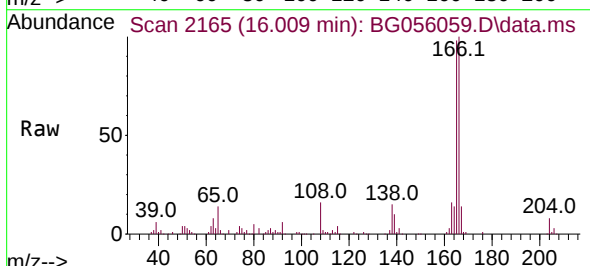
Manual Integrations

APPROVED

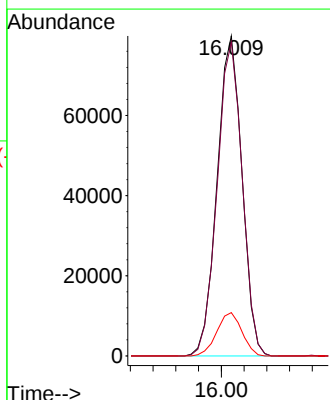
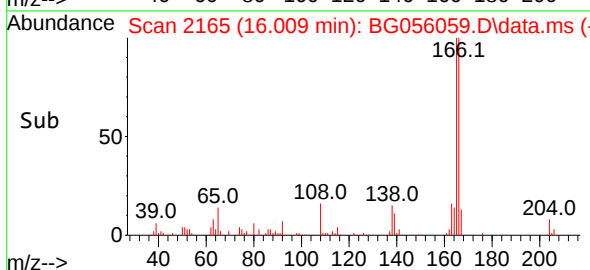
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

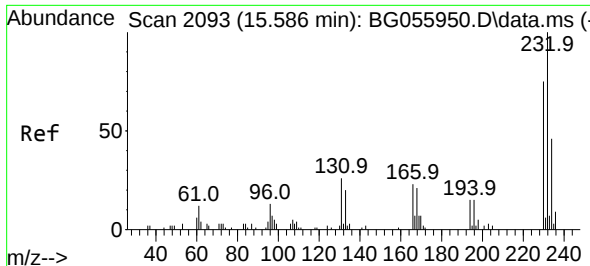


#58
Fluorene
Concen: 41.135 ng
RT: 16.009 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:166 Resp: 121243
Ion Ratio Lower Upper
166 100
165 98.1 81.1 121.7
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.251 ng
RT: 15.580 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

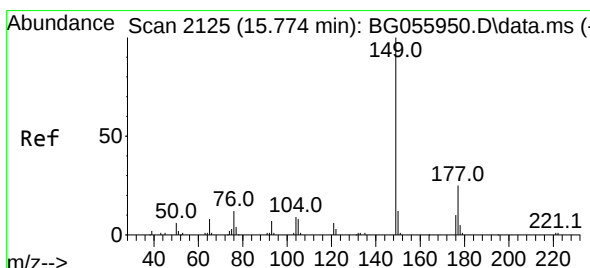
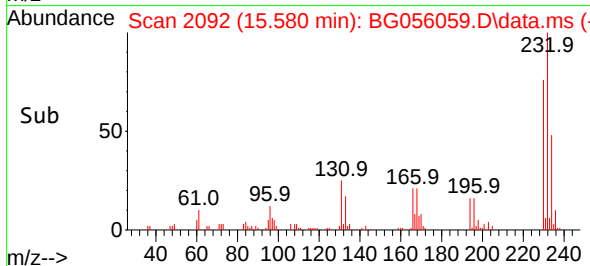
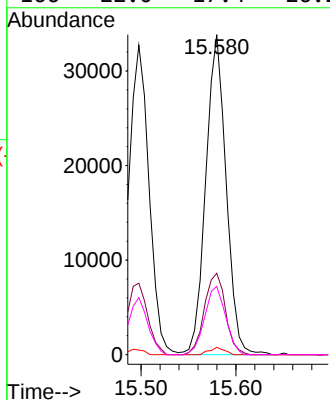
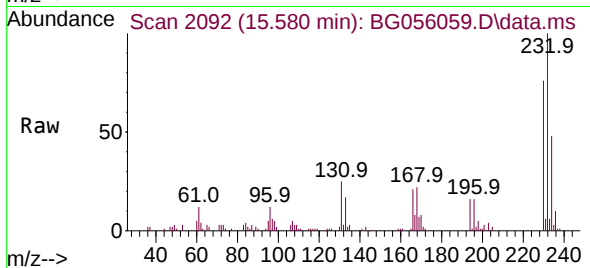
SSTDCCC040

Tgt Ion:232 Resp: 50539
Ion Ratio Lower Upper
232 100
131 26.3 20.7 31.1
130 1.7 1.2 1.8
166 22.0 17.4 26.2

Manual Integrations

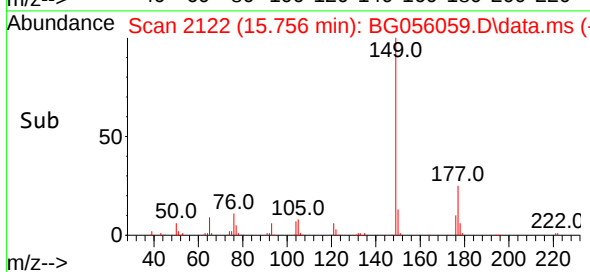
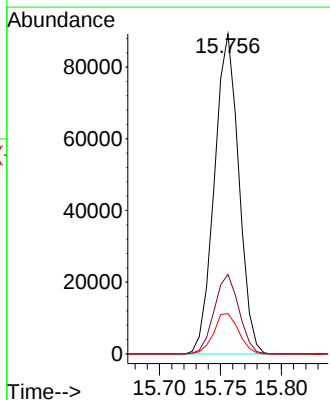
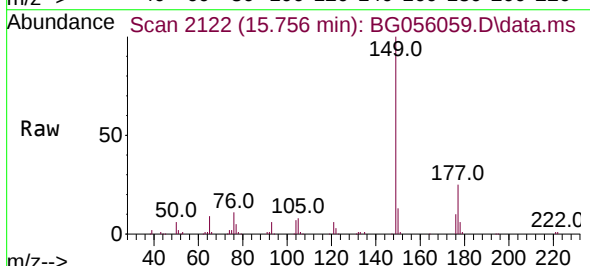
APPROVED

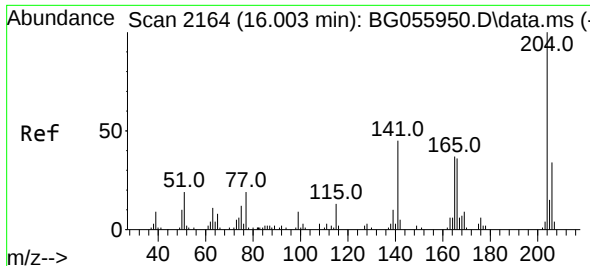
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#60
Diethylphthalate
Concen: 40.397 ng
RT: 15.756 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:149 Resp: 124018
Ion Ratio Lower Upper
149 100
177 24.8 19.7 29.5
150 12.6 9.5 14.3





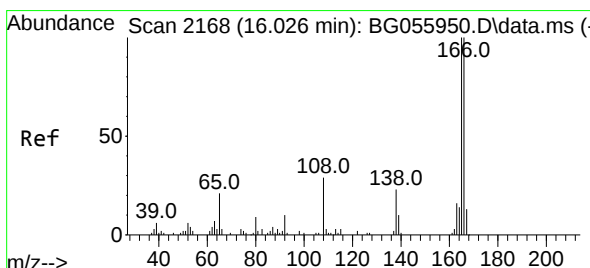
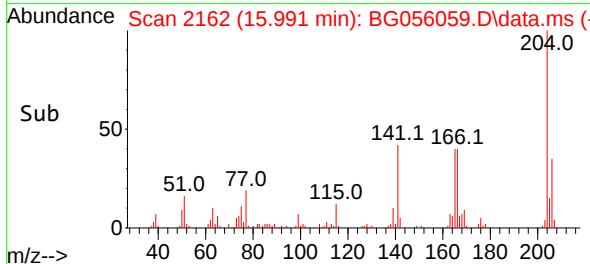
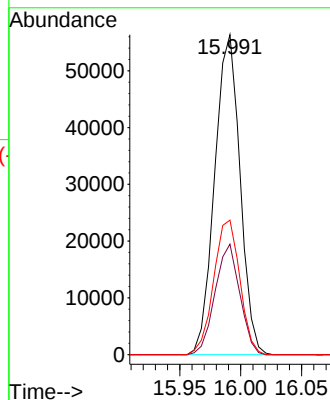
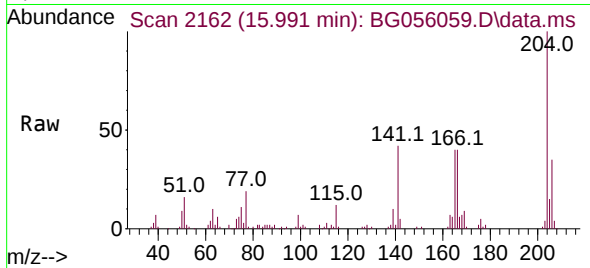
#61
4-Chlorophenyl-phenylether
Concen: 40.551 ng
RT: 15.991 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 8142
Ion Ratio Lower Upper
204 100
206 34.5 27.0 40.4
141 42.0 36.3 54.5

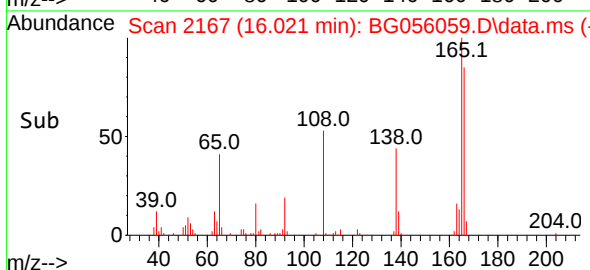
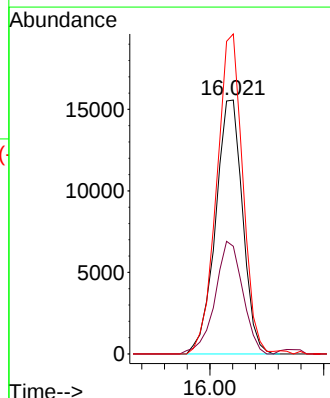
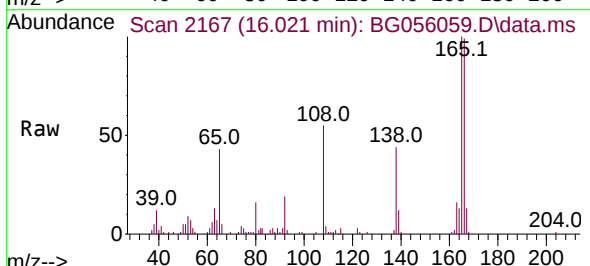
Manual Integrations
APPROVED

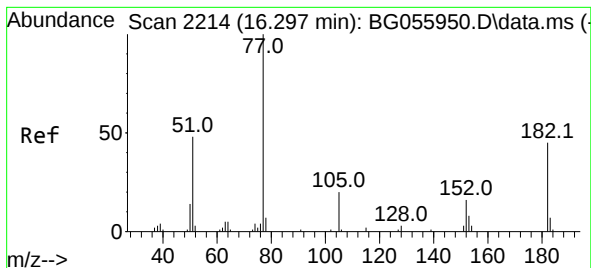
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#62
4-Nitroaniline
Concen: 47.709 ng
RT: 16.021 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Tgt Ion:138 Resp: 25687
Ion Ratio Lower Upper
138 100
92 42.4 24.4 64.4
108 126.0 110.1 150.1





#63

Azobenzene

Concen: 41.905 ng

RT: 16.285 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 78302

Ion Ratio Lower Upper

77 100

182 43.7 24.7 64.7

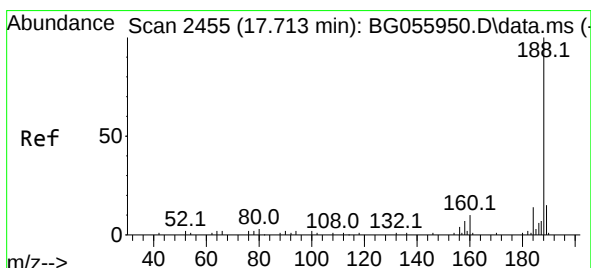
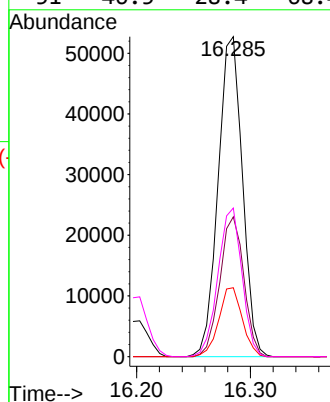
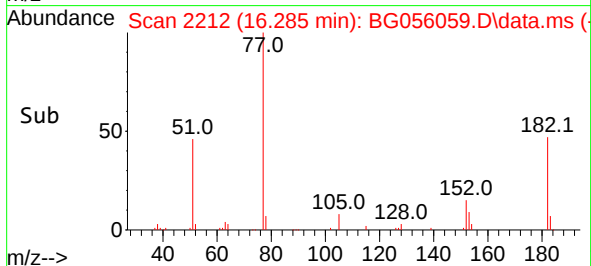
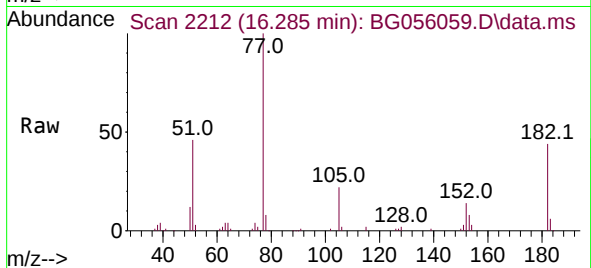
105 21.5 0.3 40.3

51 46.5 28.4 68.4

Manual Integrations

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

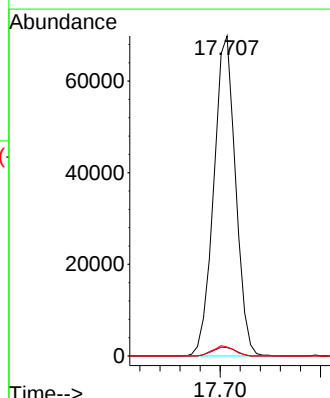
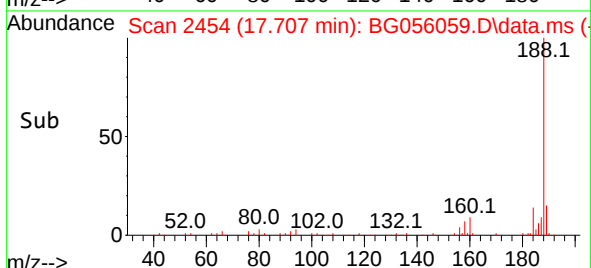
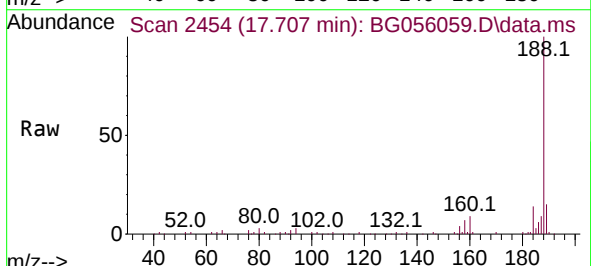
Tgt Ion:188 Resp: 105351

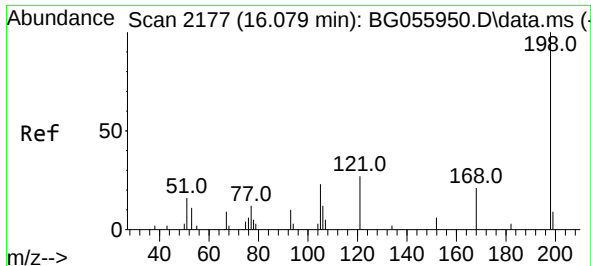
Ion Ratio Lower Upper

188 100

94 2.6 1.8 2.8

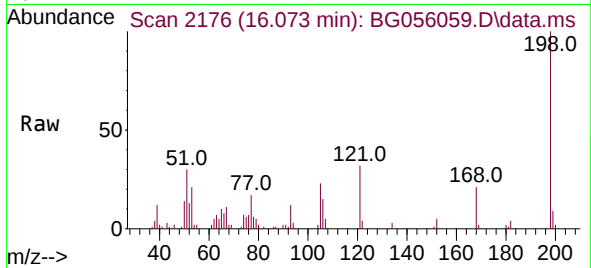
80 2.8 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 53.300 ng
RT: 16.073 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

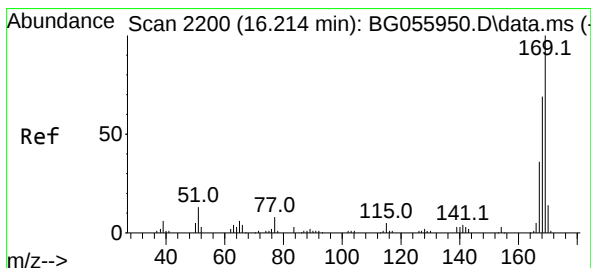
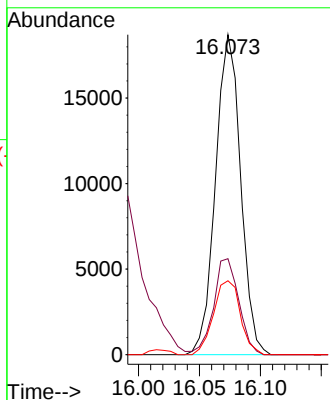
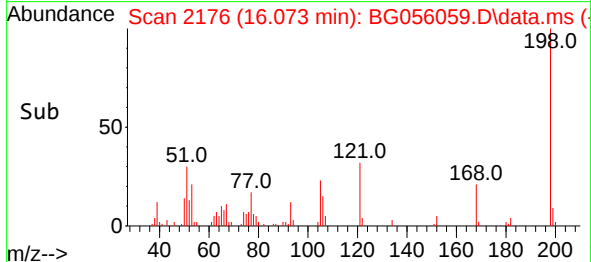
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



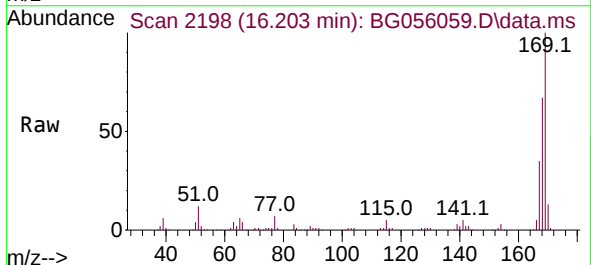
Tgt Ion:198 Resp: 26824
Ion Ratio Lower Upper
198 100
51 30.0 3.0 43.0
105 23.1 3.3 43.3

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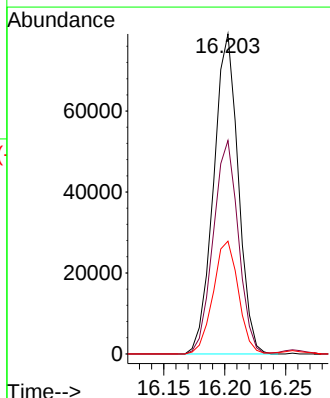
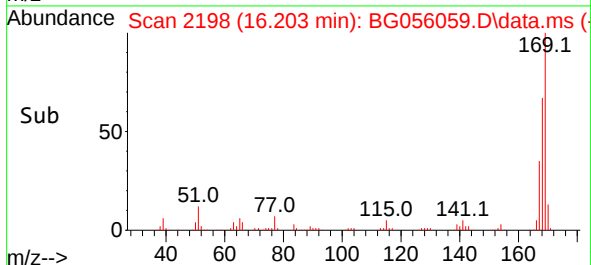
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

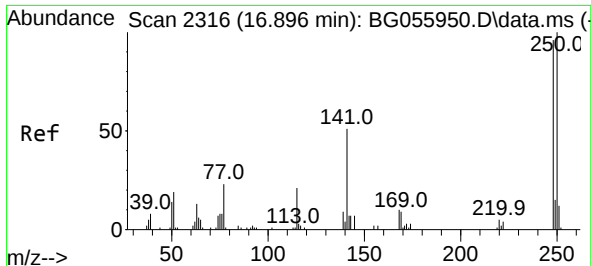


#66
n-Nitrosodiphenylamine
Concen: 40.328 ng
RT: 16.203 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



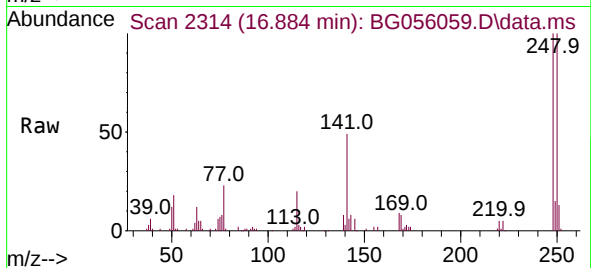
Tgt Ion:169 Resp: 111336
Ion Ratio Lower Upper
169 100
168 66.7 55.3 82.9
167 35.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.387 ng
RT: 16.884 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

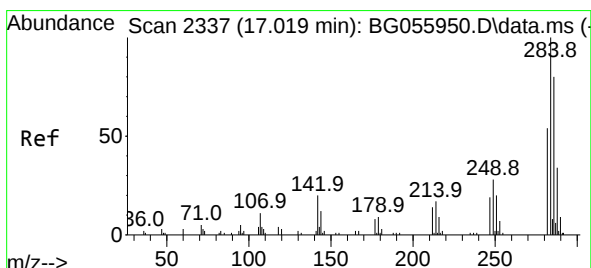
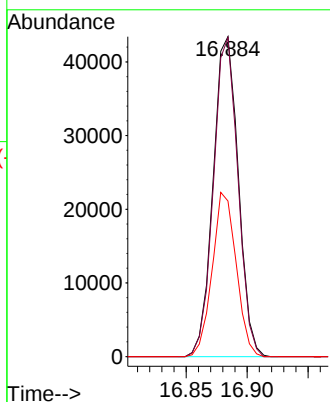
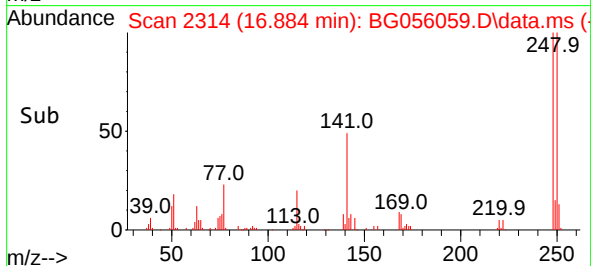
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



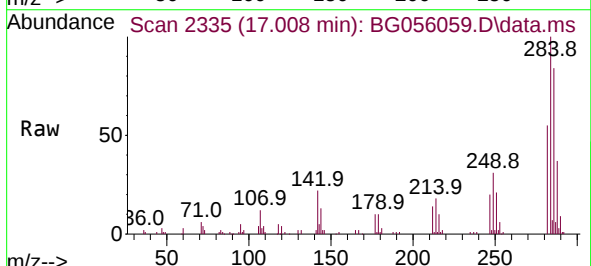
Tgt Ion:248 Resp: 62346
Ion Ratio Lower Upper
248 100
250 99.7 83.0 124.6
141 48.6 42.6 64.0

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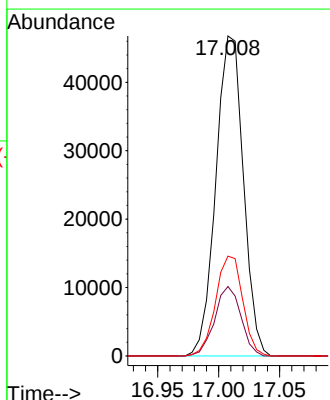
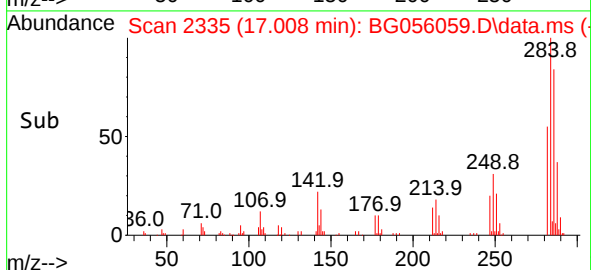
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

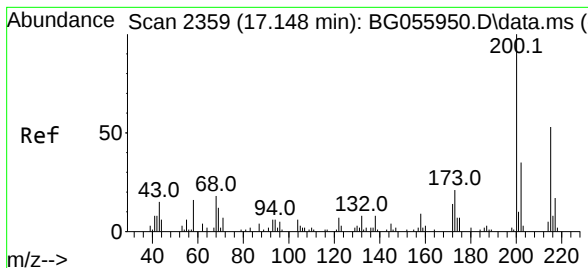


#68
Hexachlorobenzene
Concen: 38.611 ng
RT: 17.008 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:284 Resp: 73417
Ion Ratio Lower Upper
284 100
142 21.7 16.2 24.2
249 31.2 22.8 34.2





#69

Atrazine

Concen: 38.806 ng

RT: 17.137 min Scan# 2357

Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

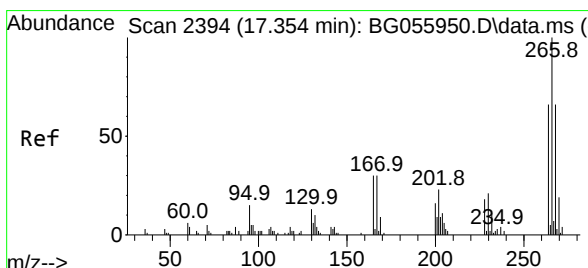
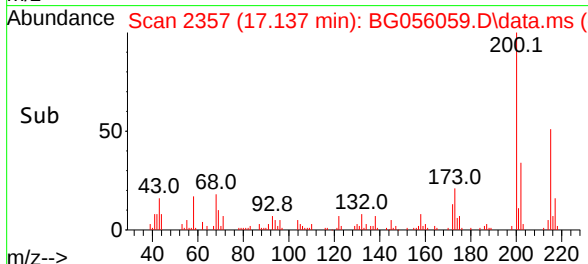
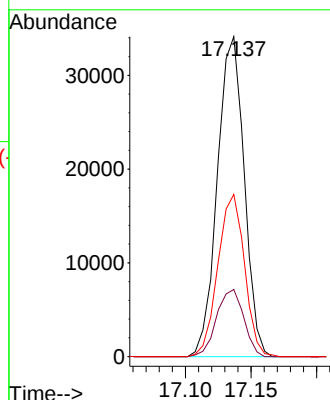
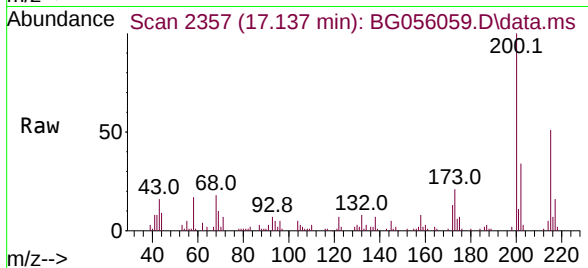
SSTDCCC040

Tgt Ion:200 Resp: 48509
 Ion Ratio Lower Upper
 200 100
 173 21.0 1.4 41.4
 215 50.7 33.3 73.3

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



#70

Pentachlorophenol

Concen: 42.057 ng

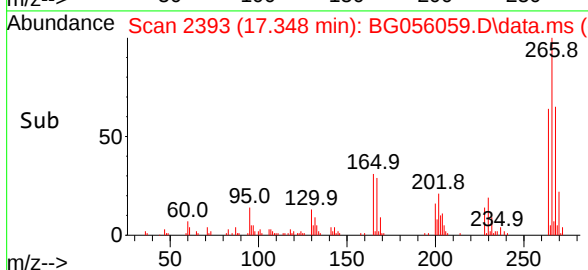
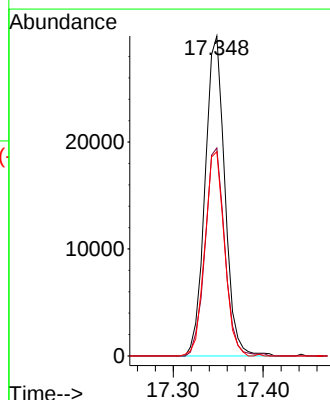
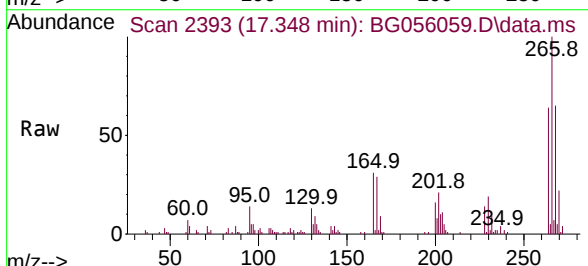
RT: 17.348 min Scan# 2393

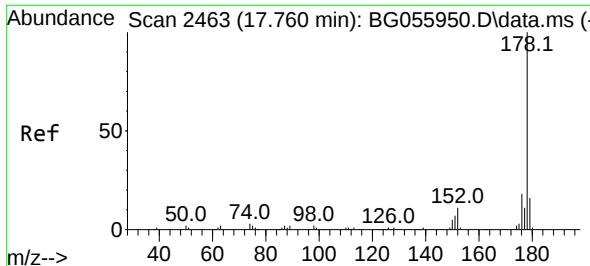
Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

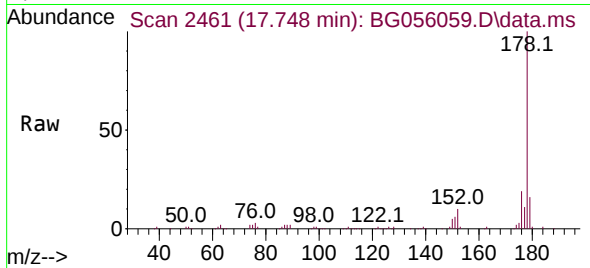
Tgt Ion:266 Resp: 45718
 Ion Ratio Lower Upper
 266 100
 268 65.0 55.5 83.3
 264 63.8 52.6 78.8





#71
Phenanthrene
Concen: 40.673 ng
RT: 17.748 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

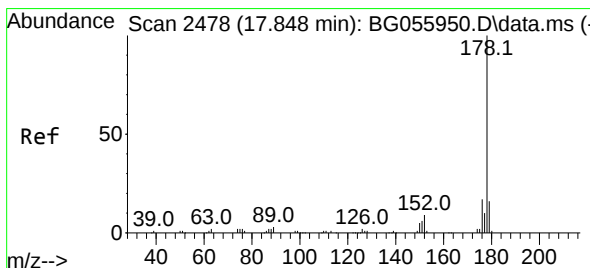
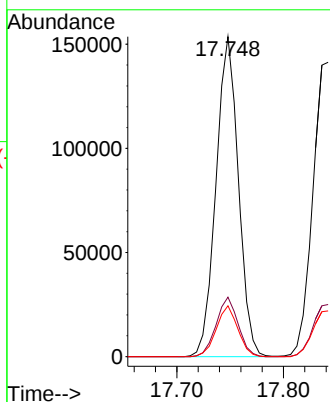
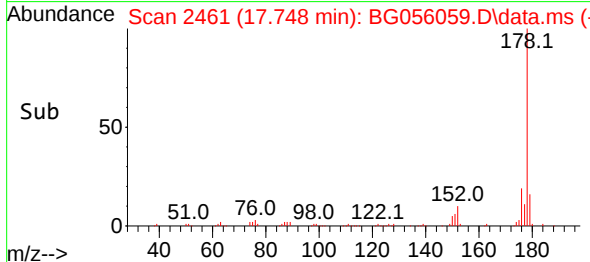
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



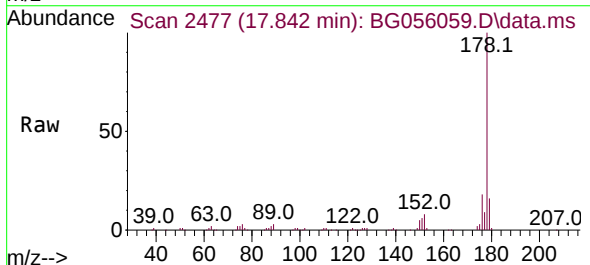
Tgt Ion:178 Resp: 224554
Ion Ratio Lower Upper
178 100
176 18.6 14.4 21.6
179 15.9 12.7 19.1

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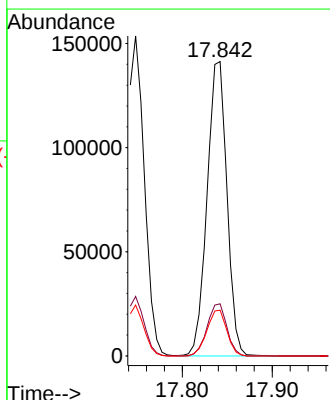
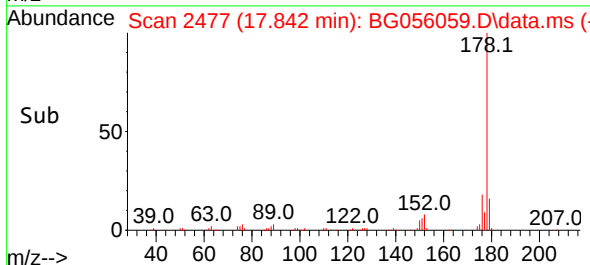
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

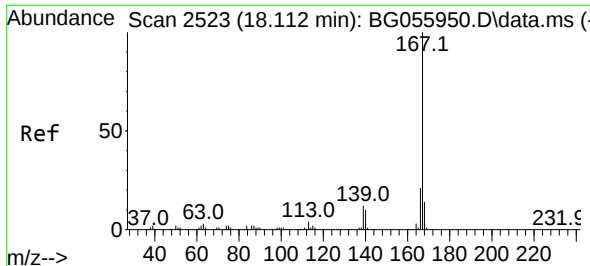


#72
Anthracene
Concen: 39.833 ng
RT: 17.842 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



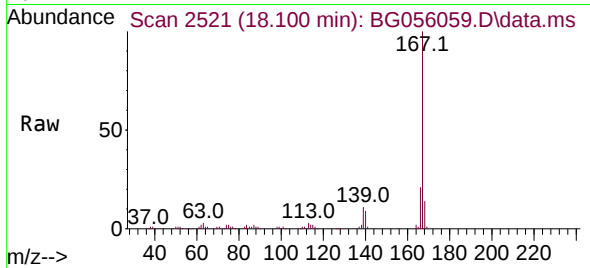
Tgt Ion:178 Resp: 217571
Ion Ratio Lower Upper
178 100
176 17.7 13.9 20.9
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 39.263 ng
 RT: 18.100 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

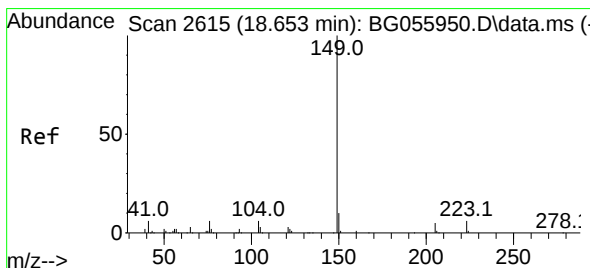
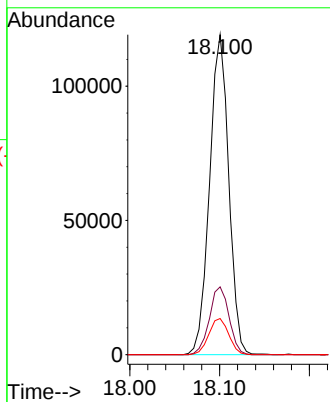
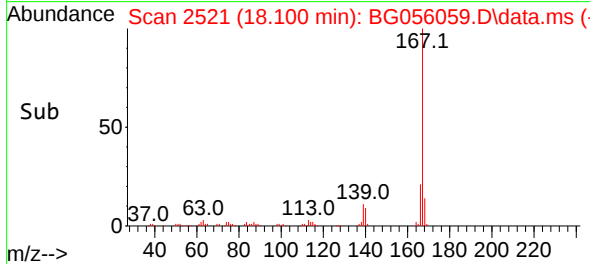
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



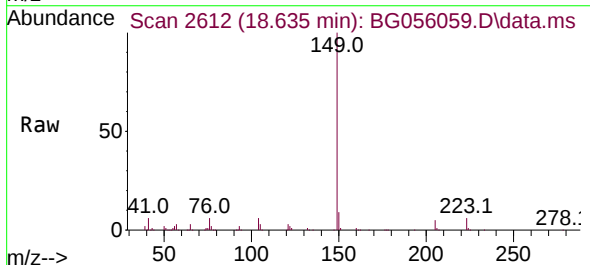
Tgt Ion:167 Resp: 176870
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.6 25.0
 139 11.3 9.7 14.5

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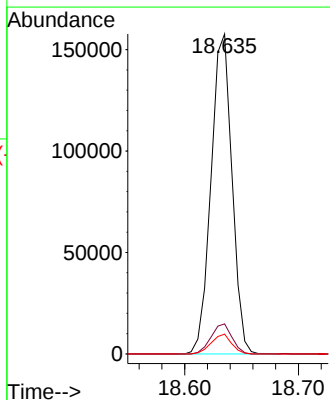
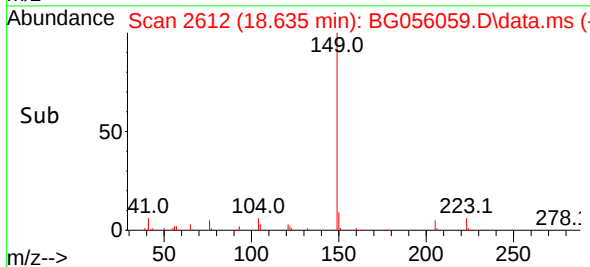
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

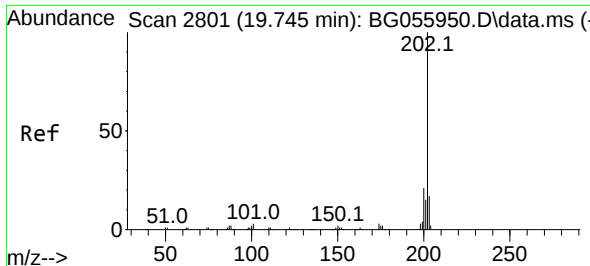


#74
 Di-n-butylphthalate
 Concen: 38.556 ng
 RT: 18.635 min Scan# 2612
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00



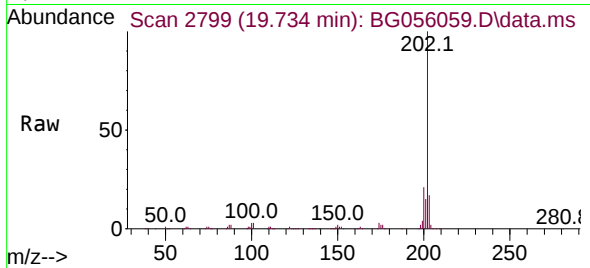
Tgt Ion:149 Resp: 201990
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 6.2 4.8 7.2





#75
Fluoranthene
Concen: 37.138 ng
RT: 19.734 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

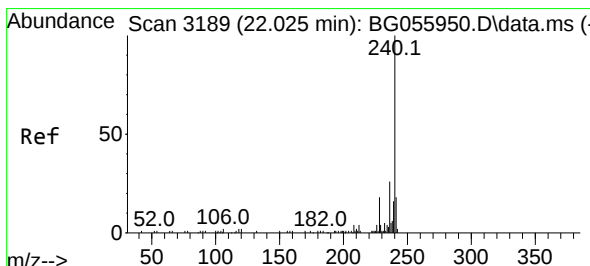
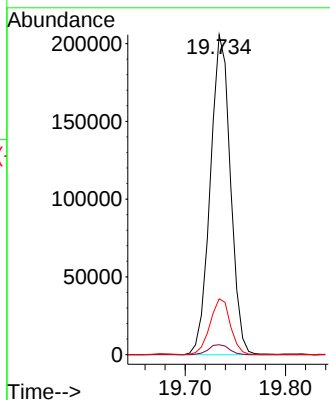
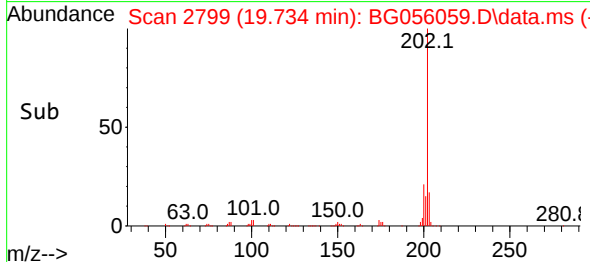
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 287115
Ion Ratio Lower Upper
202 100
101 3.1 0.0 22.6
203 17.4 0.0 37.1

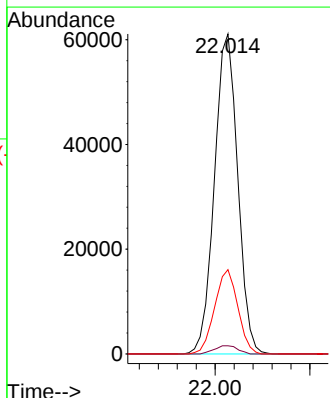
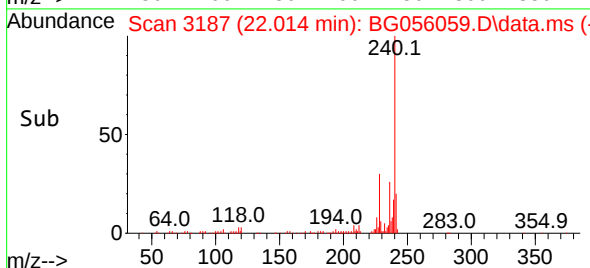
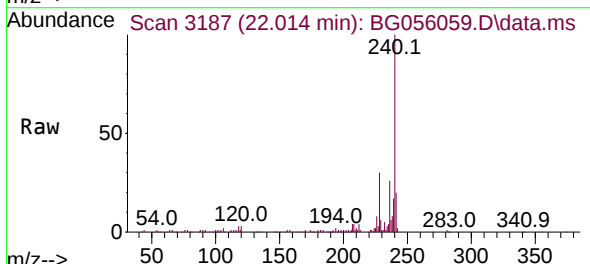
Manual Integrations
APPROVED

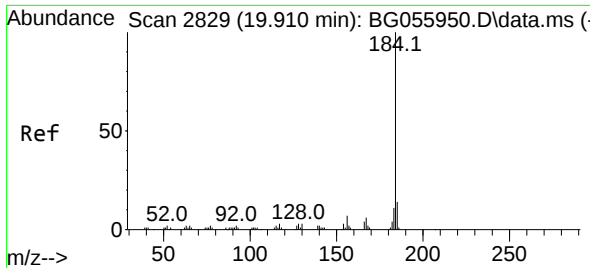
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.014 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

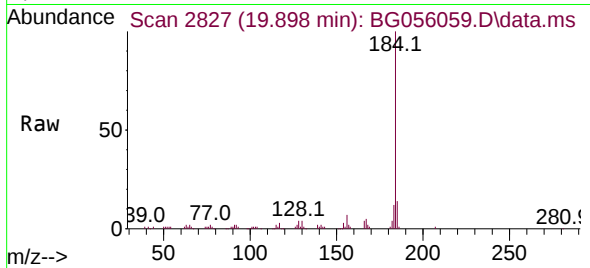
Tgt Ion:240 Resp: 103961
Ion Ratio Lower Upper
240 100
120 2.5 1.7 2.5#
236 26.3 21.1 31.7





#77
Benzidine
Concen: 41.342 ng
RT: 19.898 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

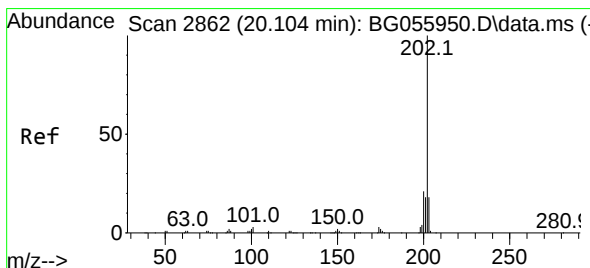
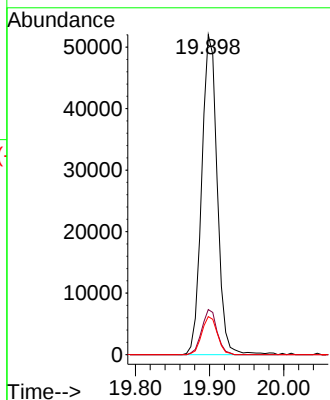
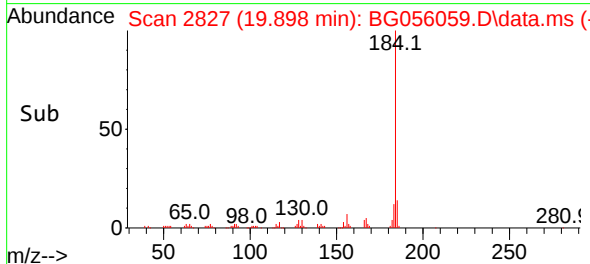
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



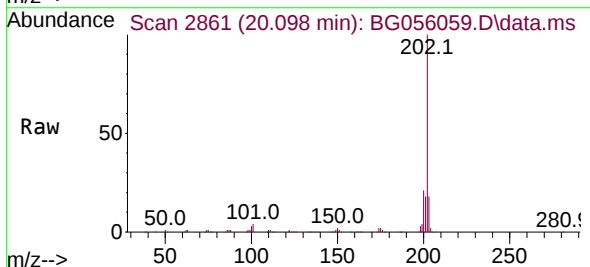
Tgt Ion:184 Resp: 75479
Ion Ratio Lower Upper
184 100
185 14.1 10.9 16.3
183 11.9 9.2 13.8

Manual Integrations
APPROVED

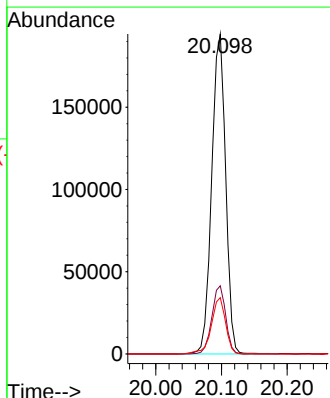
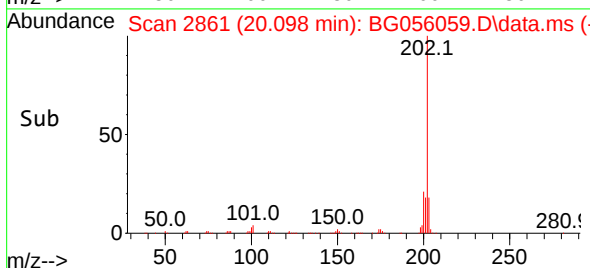
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

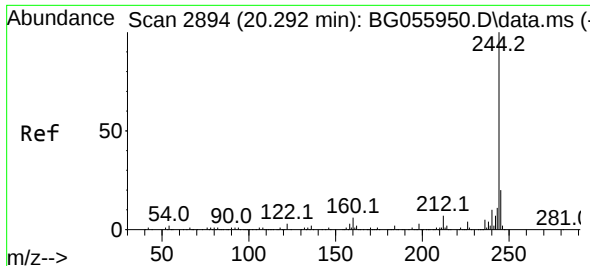


#78
Pyrene
Concen: 45.695 ng
RT: 20.098 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:202 Resp: 287453
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.6 14.6 21.8





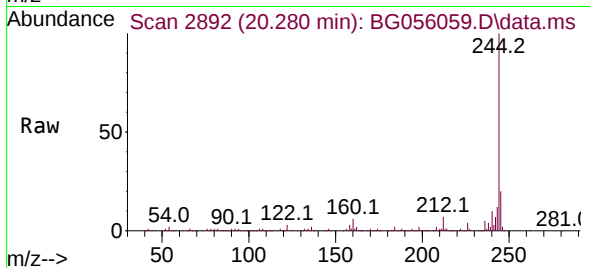
#79
 Terphenyl-d14
 Concen: 86.264 ng
 RT: 20.280 min Scan# 2894
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

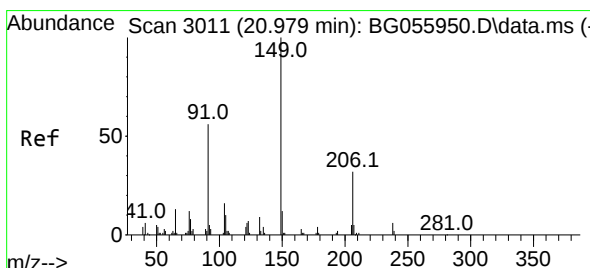
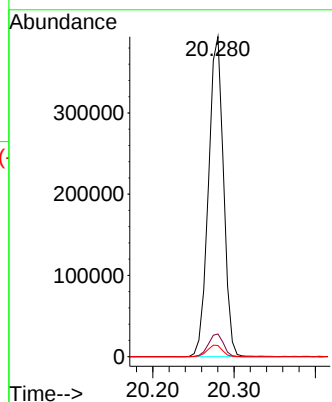
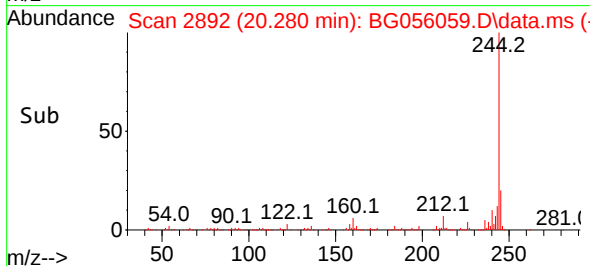


Tgt Ion:244 Resp: 507422
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.5 2.5 3.7

Manual Integrations

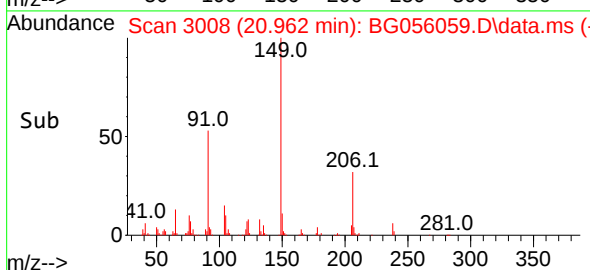
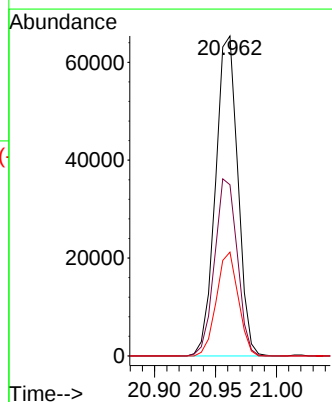
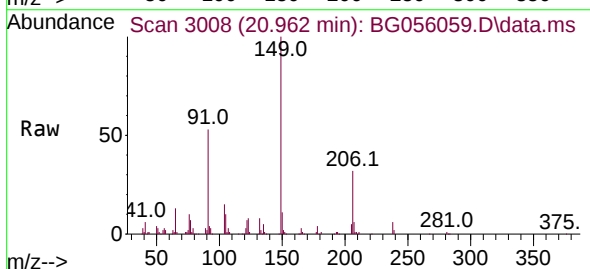
APPROVED

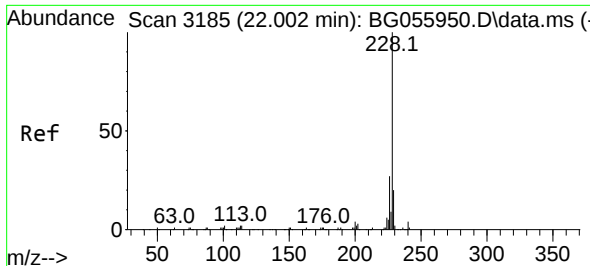
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#80
 Butylbenzylphthalate
 Concen: 46.713 ng
 RT: 20.962 min Scan# 3008
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

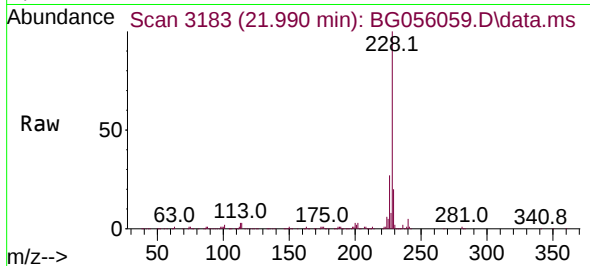
Tgt Ion:149 Resp: 83269
 Ion Ratio Lower Upper
 149 100
 91 53.5 44.5 66.7
 206 32.4 25.8 38.6





#81
Benzo(a)anthracene
Concen: 42.358 ng
RT: 21.990 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

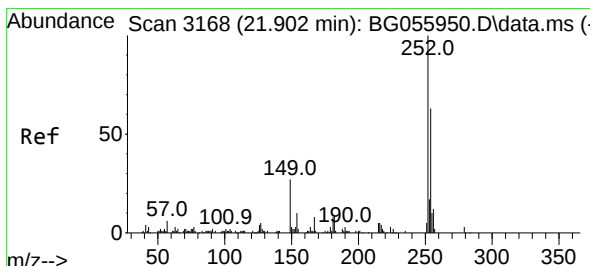
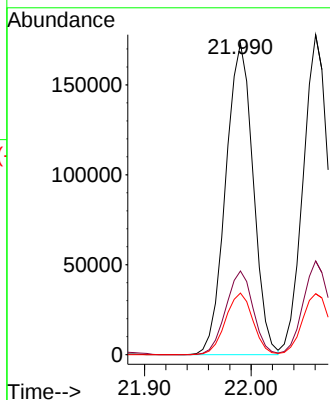
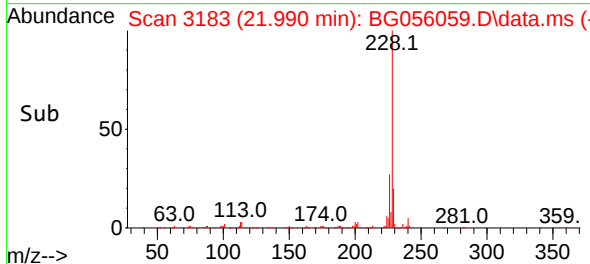
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 30987
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 19.8 15.9 23.9

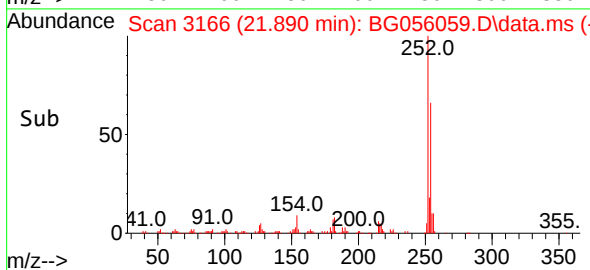
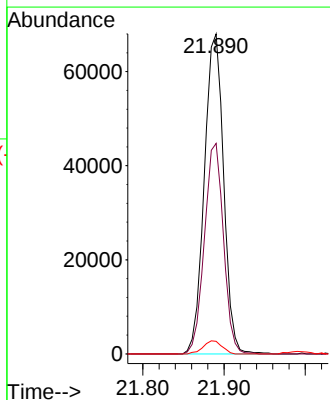
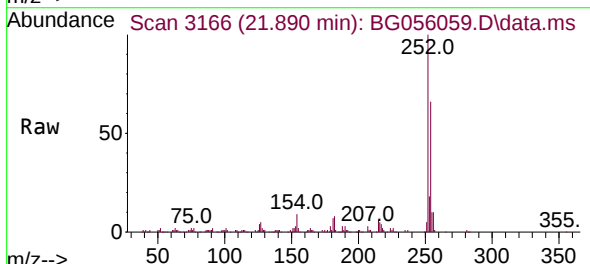
Manual Integrations
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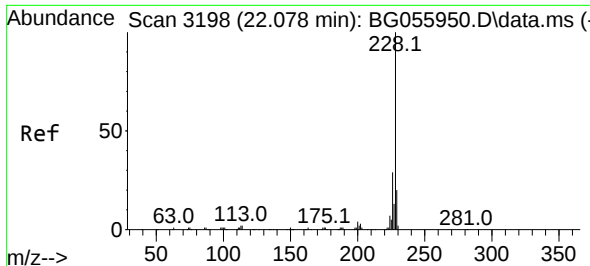
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 42.693 ng
RT: 21.890 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

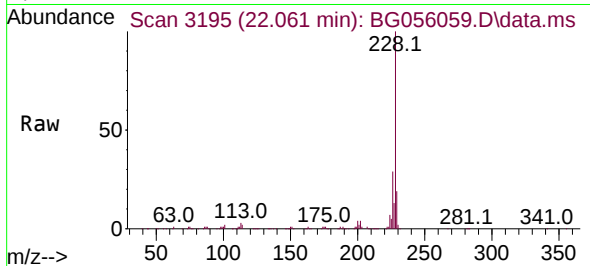
Tgt Ion:252 Resp: 112370
Ion Ratio Lower Upper
252 100
254 65.8 50.2 75.2
126 3.9 3.1 4.7





#83
Chrysene
Concen: 42.929 ng
RT: 22.061 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

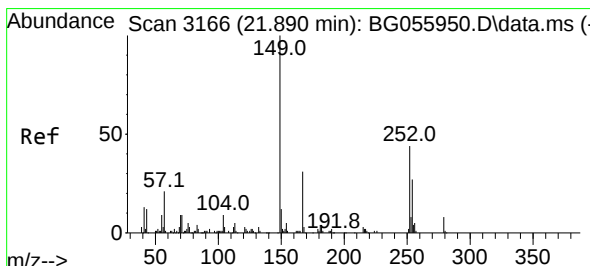
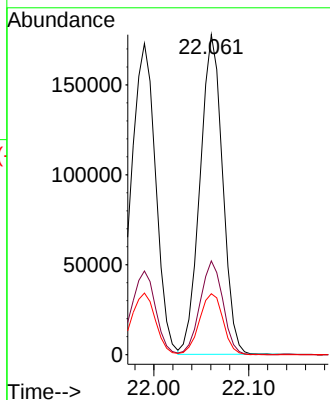
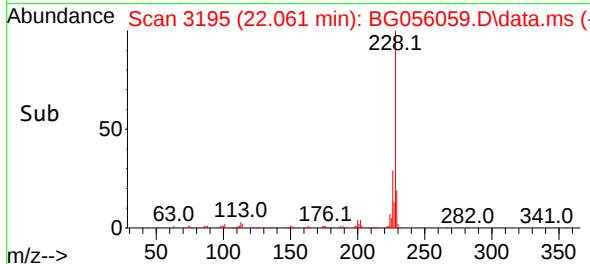
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



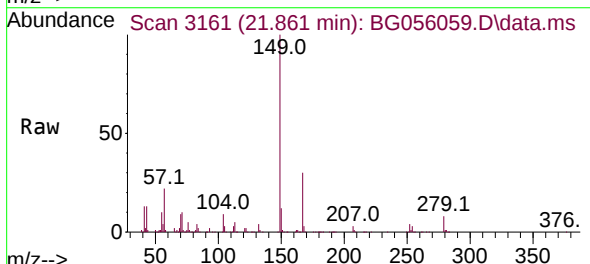
Tgt Ion:228 Resp: 294336
Ion Ratio Lower Upper
228 100
226 29.3 23.1 34.7
229 19.0 15.7 23.5

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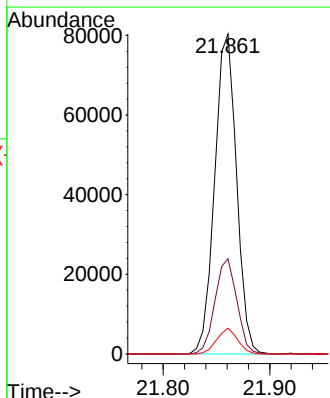
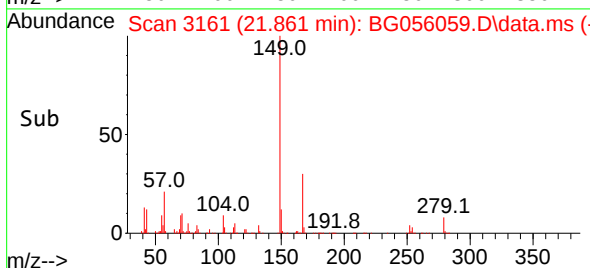
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

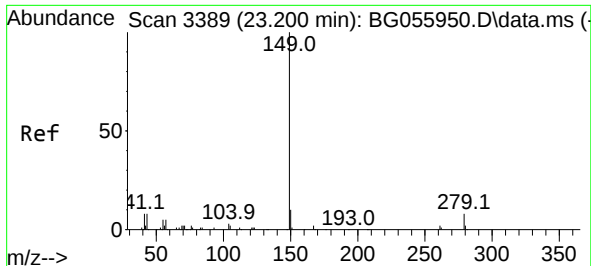


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.306 ng
RT: 21.861 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00



Tgt Ion:149 Resp: 114690
Ion Ratio Lower Upper
149 100
167 29.7 24.6 36.8
279 8.0 6.3 9.5





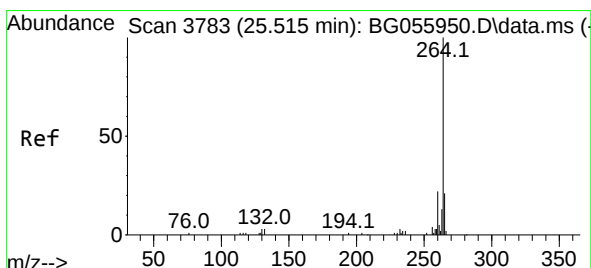
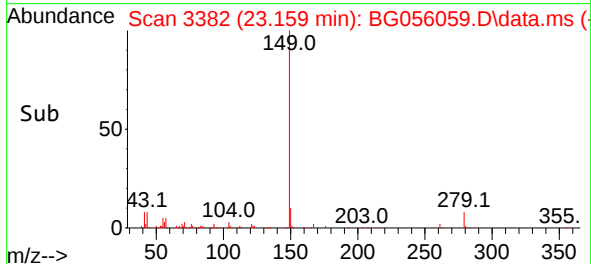
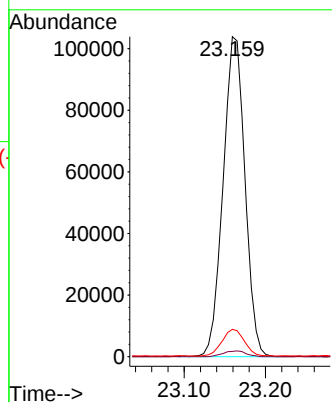
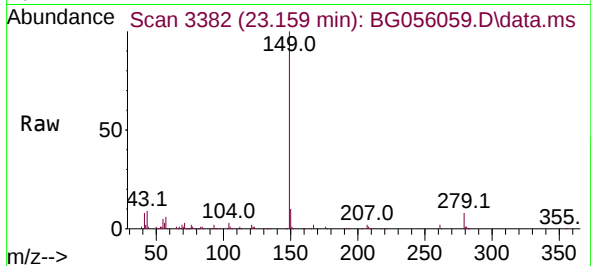
#85
Di-n-octyl phthalate
Concen: 43.238 ng
RT: 23.159 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 194240
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.5 6.9 10.3

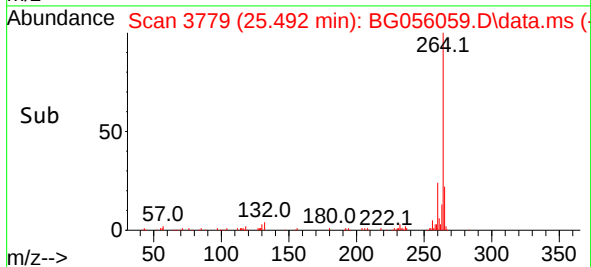
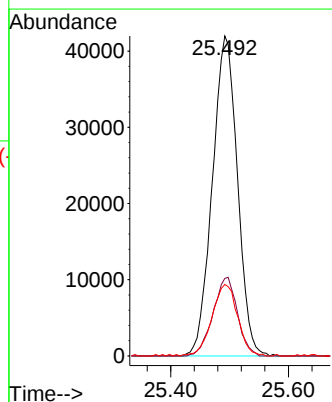
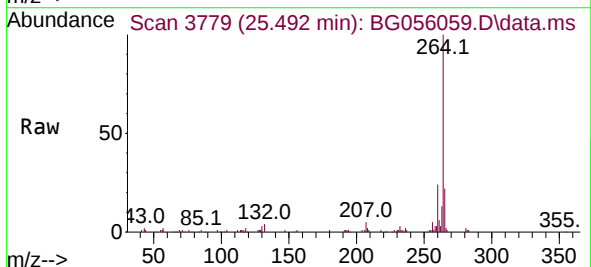
Manual Integrations
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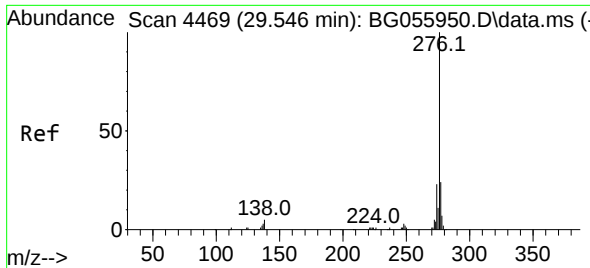
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.492 min Scan# 3779
Delta R.T. 0.000 min
Lab File: BG056059.D
Acq: 22 Dec 2022 11:00

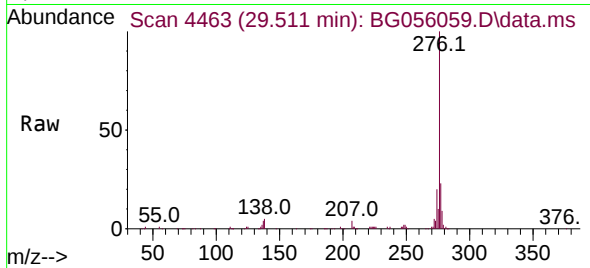
Tgt Ion:264 Resp: 124252
Ion Ratio Lower Upper
264 100
260 24.3 17.8 26.8
265 22.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.751 ng
 RT: 29.511 min Scan# 4463
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

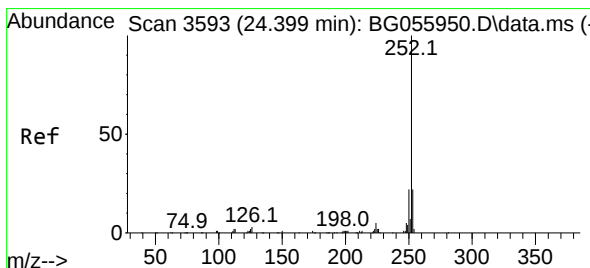
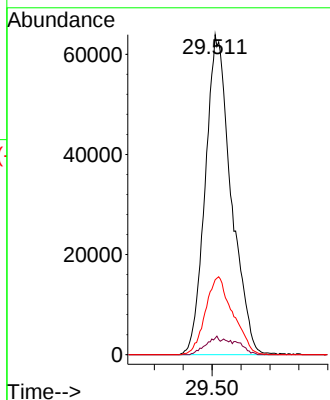
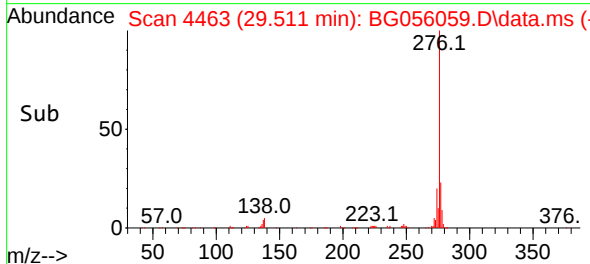
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



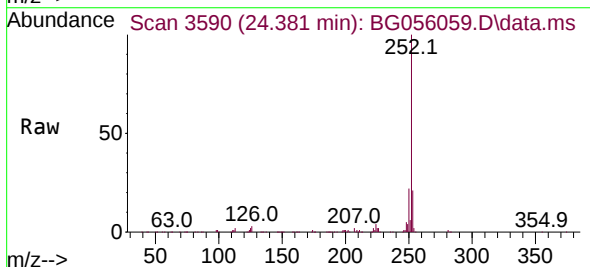
Tgt Ion: 276 Resp: 397179
 Ion Ratio Lower Upper
 276 100
 138 3.0 3.0 4.4
 277 25.8 20.4 30.6

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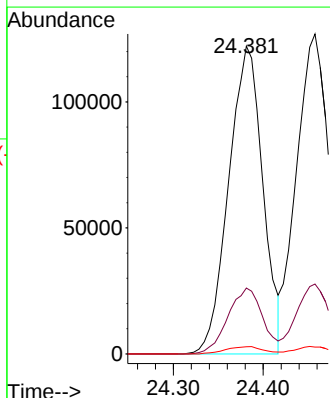
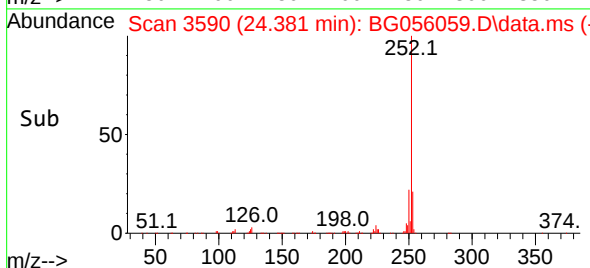
Reviewed By : Christian Giraldo 12/23/2022
 Supervised By : mohammad ahmed 12/23/2022

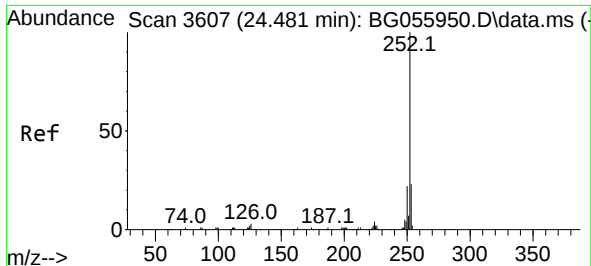


#88
 Benzo(b)fluoranthene
 Concen: 40.189 ng
 RT: 24.381 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00



Tgt Ion: 252 Resp: 323173
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.0
 125 2.3 1.8 2.8





#89

Benzo(k)fluoranthene

Concen: 40.288 ng

RT: 24.458 min Scan# 3603

Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Instrument :

BNA_G

ClientSampleId :

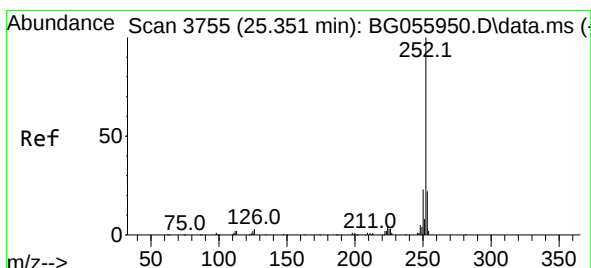
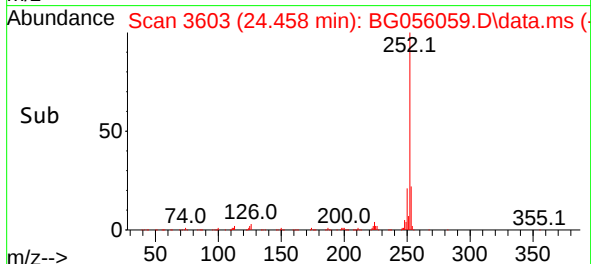
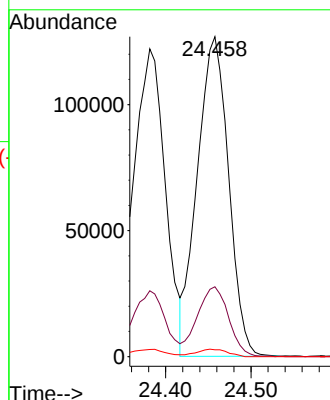
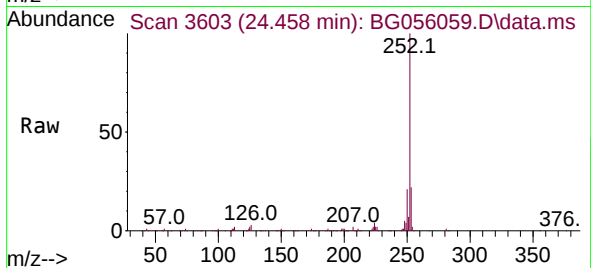
SSTDCCC040

Tgt Ion:	252	Resp:	323231
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	2.1	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: 40.362 ng

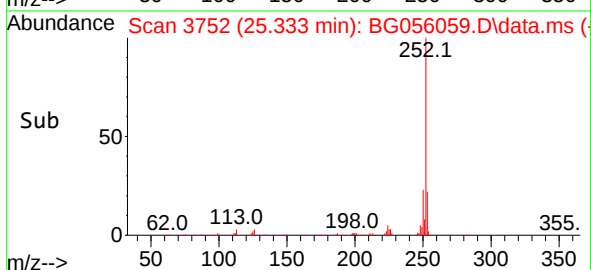
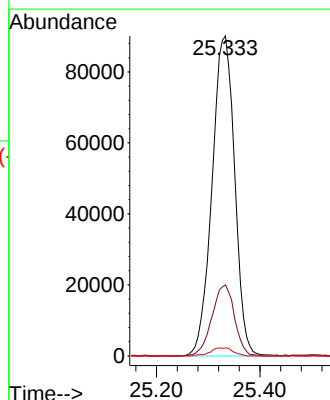
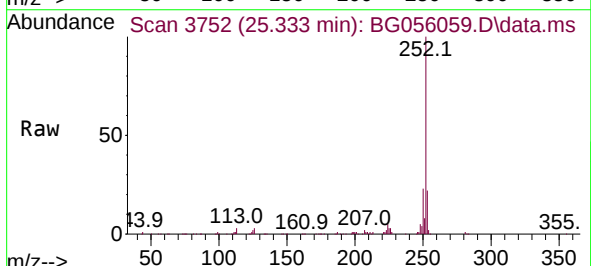
RT: 25.333 min Scan# 3752

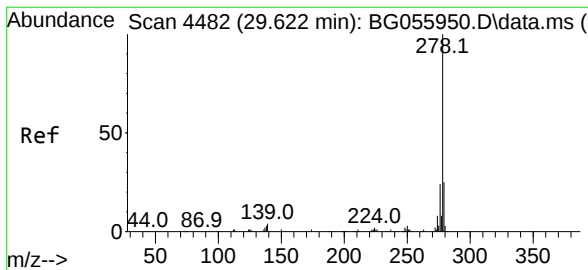
Delta R.T. 0.000 min

Lab File: BG056059.D

Acq: 22 Dec 2022 11:00

Tgt Ion:	252	Resp:	274349
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	2.5	1.9	2.9





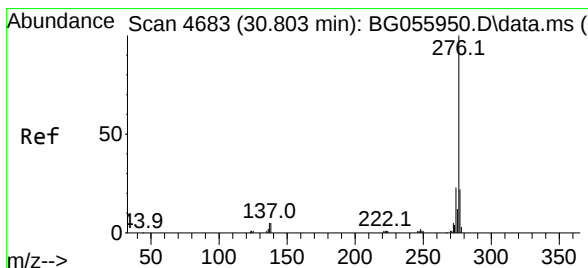
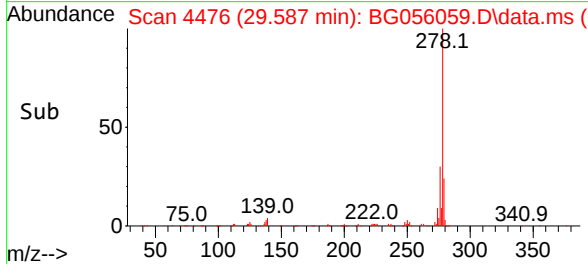
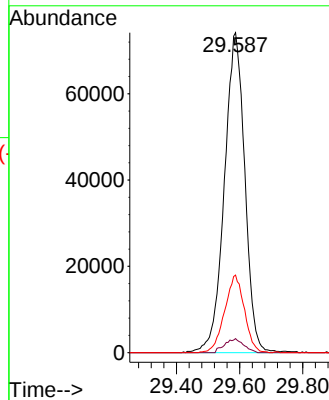
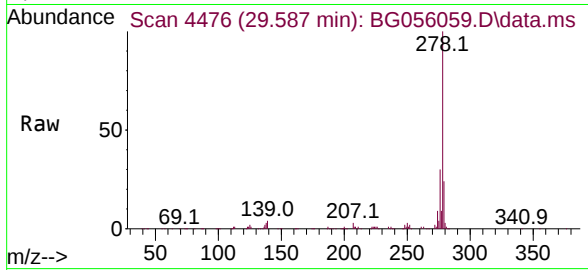
#91
 Dibenzo(a,h)anthracene
 Concen: 39.852 ng
 RT: 29.587 min Scan# 4482
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 333273
 Ion Ratio Lower Upper
 278 100
 139 4.4 2.9 4.3
 279 24.3 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: 40.178 ng
 RT: 30.786 min Scan# 4680
 Delta R.T. 0.000 min
 Lab File: BG056059.D
 Acq: 22 Dec 2022 11:00

Tgt Ion:276 Resp: 324867
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.8 26.6
 138 5.1 3.8 5.6

