

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
 Data File : BG055114.D
 Acq On : 10 Oct 2022 15:59
 Operator : CG/JU
 Sample : N5018-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(5-10)MSD

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :mohammad ahmed 10/17/2022

Quant Time: Oct 11 04:04:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	29530	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	126711	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	96616	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	238967	20.000	ng	0.00
76) Chrysene-d12	21.966	240	217766	20.000	ng	0.00
86) Perylene-d12	25.409	264	241430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.849	112	210272	158.159	ng	0.00
7) Phenol-d6	7.459	99	291535	146.352	ng	0.00
23) Nitrobenzene-d5	9.498	82	180681	85.205	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	173881	171.096	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	461160	74.514	ng	0.00
79) Terphenyl-d14	20.244	244	884630	82.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	29559	39.295	ng	94
3) Pyridine	4.093	79	81456	36.010	ng	91
4) n-Nitrosodimethylamine	3.999	42	51982	40.183	ng	# 86
6) Aniline	7.641	93	110270	37.833	ng	96
8) 2-Chlorophenol	7.888	128	96063	62.817	ng	97
9) Benzaldehyde	7.453	77	54385	33.985	ng	94
10) Phenol	7.489	94	128426	56.734	ng	96
11) bis(2-Chloroethyl)ether	7.736	93	83427	44.966	ng	99
12) 1,3-Dichlorobenzene	8.217	146	102018	48.466	ng	98
13) 1,4-Dichlorobenzene	8.364	146	103023	48.363	ng	99
14) 1,2-Dichlorobenzene	8.687	146	100329	48.477	ng	99
15) Benzyl Alcohol	8.558	79	98476	55.039	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.852	45	144779	41.197	ng	98
17) 2-Methylphenol	8.758	107	88635	55.575	ng	95
18) Hexachloroethane	9.434	117	34837	51.575	ng	92
19) n-Nitroso-di-n-propyla...	9.134	70	81772	42.378	ng	93
20) 3+4-Methylphenols	9.081	107	122755	55.268	ng	98
22) Acetophenone	9.157	105	151535	47.159	ng	# 97
24) Nitrobenzene	9.545	77	116156	50.447	ng	91
25) Isophorone	10.068	82	221352	49.114	ng	99
26) 2-Nitrophenol	10.256	139	54669	81.318	ng	# 85
27) 2,4-Dimethylphenol	10.303	122	103418	66.938	ng	97
28) bis(2-Chloroethoxy)met...	10.544	93	119031	51.615	ng	98
29) 2,4-Dichlorophenol	10.797	162	106721	55.780	ng	98
30) 1,2,4-Trichlorobenzene	11.014	180	104359	47.158	ng	99
31) Naphthalene	11.214	128	309498	46.280	ng	99
32) Benzoic acid	10.426	122	89699	76.521	ng	94
33) 4-Chloroaniline	11.308	127	85439	30.896	ng	98
34) Hexachlorobutadiene	11.490	225	67258	46.872	ng	98
35) Caprolactam	12.072	113	39965m	66.494	ng	
36) 4-Chloro-3-methylphenol	12.395	107	122701	56.329	ng	99
37) 2-Methylnaphthalene	12.788	142	233417	47.362	ng	96
38) 1-Methylnaphthalene	13.006	142	222530	46.421	ng	97
40) 1,2,4,5-Tetrachloroben...	13.147	216	135051	47.873	ng	100
41) Hexachlorocyclopentadiene	13.129	237	140584	115.730	ng	99
43) 2,4,6-Trichlorophenol	13.376	196	99863	57.256	ng	99

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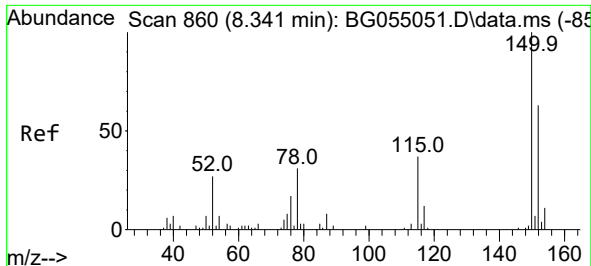
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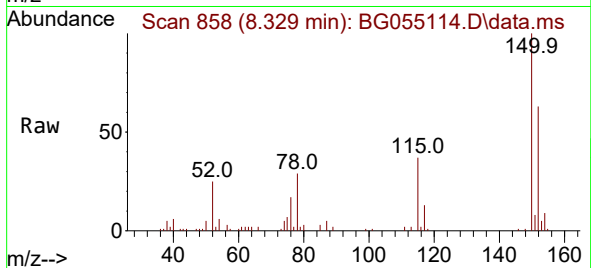
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	112995	57.463	ng	98
46) 1,1'-Biphenyl	13.775	154	323744	48.872	ng	99
47) 2-Chloronaphthalene	13.828	162	250630	46.953	ng	99
48) 2-Nitroaniline	14.016	65	90194	59.026	ng	94
49) Acenaphthylene	14.663	152	422109	47.754	ng	100
50) Dimethylphthalate	14.381	163	343159	52.330	ng	99
51) 2,6-Dinitrotoluene	14.498	165	74642	55.015	ng	86
52) Acenaphthene	15.003	154	303394	55.279	ng	99
53) 3-Nitroaniline	14.827	138	61466	39.854	ng	96
54) 2,4-Dinitrophenol	15.033	184	97259	159.566	ng	# 45
55) Dibenzofuran	15.332	168	421145	48.095	ng	99
56) 4-Nitrophenol	15.115	139	146780	119.455	ng	99
57) 2,4-Dinitrotoluene	15.280	165	108962	58.563	ng	86
58) Fluorene	15.979	166	339473	48.446	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.550	232	105144	57.760	ng	99
60) Diethylphthalate	15.732	149	364646	53.892	ng	99
61) 4-Chlorophenyl-phenyle...	15.961	204	184866	48.534	ng	96
62) 4-Nitroaniline	15.985	138	88863	56.331	ng	98
63) Azobenzene	16.255	77	332478	43.628	ng	96
65) 4,6-Dinitro-2-methylph...	16.038	198	64089	71.952	ng	94
66) n-Nitrosodiphenylamine	16.173	169	308423	49.558	ng	97
67) 4-Bromophenyl-phenylether	16.854	248	128722	50.933	ng	96
68) Hexachlorobenzene	16.978	284	147315	50.417	ng	96
69) Atrazine	17.107	200	133976	66.076	ng	99
70) Pentachlorophenol	17.313	266	186897	110.694	ng	96
71) Phenanthrene	17.712	178	678557	54.057	ng	100
72) Anthracene	17.806	178	611711	50.105	ng	99
73) Carbazole	18.065	167	552009	51.513	ng	100
74) Di-n-butylphthalate	18.605	149	646384	57.783	ng	100
75) Fluoranthene	19.704	202	1041286	66.494	ng	98
77) Benzidine	19.868	184	300239	80.032	ng	99
78) Pyrene	20.062	202	955801	66.008	ng	97
80) Butylbenzylphthalate	20.926	149	270778	58.542	ng	99
81) Benzo(a)anthracene	21.948	228	837387	60.532	ng	98
82) 3,3'-Dichlorobenzidine	21.848	252	183261	45.570	ng	98
83) Chrysene	22.019	228	761203	57.092	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	390908	56.838	ng	98
85) Di-n-octyl phthalate	23.123	149	650296	56.323	ng	96
87) Indeno(1,2,3-cd)pyrene	29.392	276	931109	53.441	ng	99
88) Benzo(b)fluoranthene	24.316	252	877046	61.654	ng	99
89) Benzo(k)fluoranthene	24.392	252	796115m	55.552	ng	
90) Benzo(a)pyrene	25.250	252	770262	63.177	ng	97
91) Dibenzo(a,h)anthracene	29.469	278	735292	51.951	ng	99
92) Benzo(g,h,i)perylene	30.650	276	798526	56.204	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

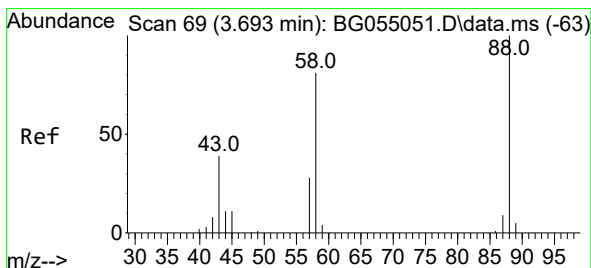
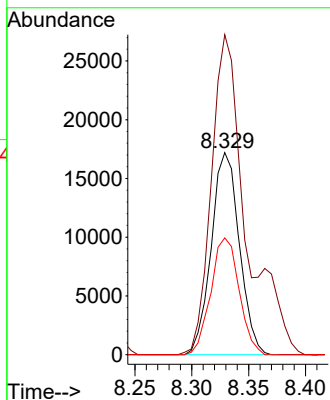
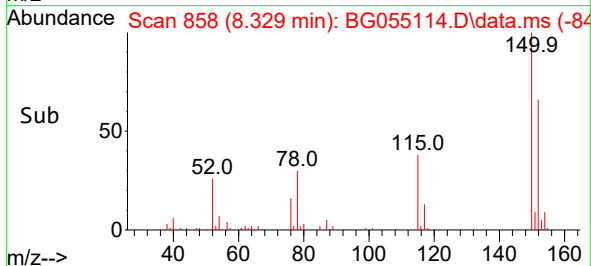
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:152 Resp: 29530
Ion Ratio Lower Upper
152 100
150 158.4 128.0 192.0
115 57.8 47.7 71.5

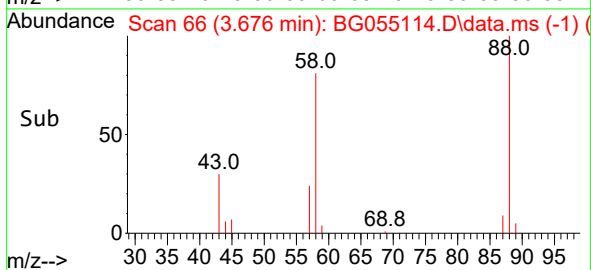
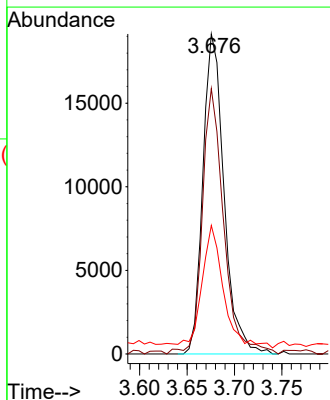
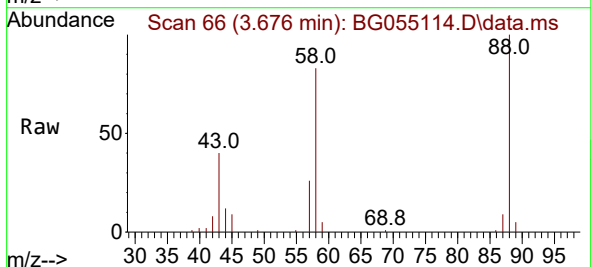
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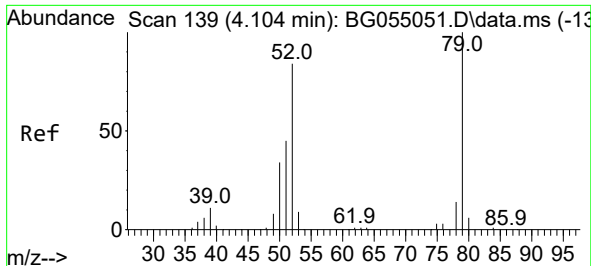
Reviewed By :Christian Giraldo 10/11/2022
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#2
1,4-Dioxane
Concen: 39.295 ng
RT: 3.676 min Scan# 66
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

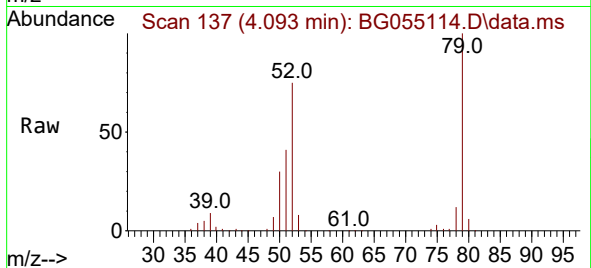
Tgt Ion: 88 Resp: 29559
Ion Ratio Lower Upper
88 100
58 83.9 62.6 94.0
43 39.2 29.0 43.6





#3
Pyridine
Concen: 36.010 ng
RT: 4.093 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

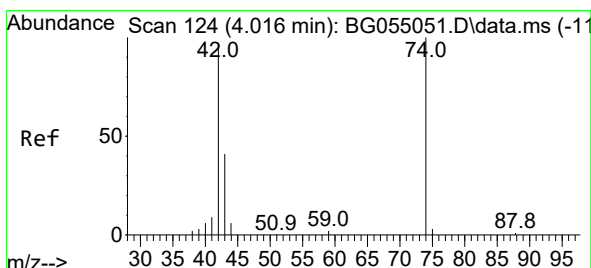
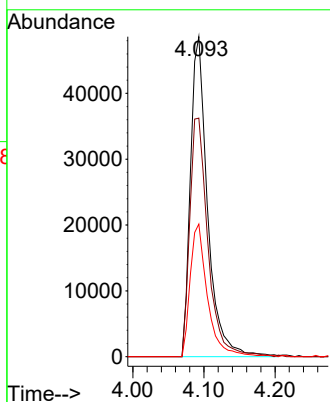
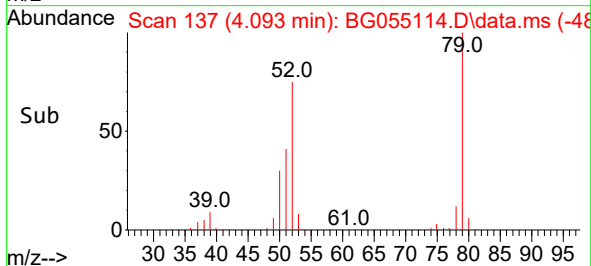
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



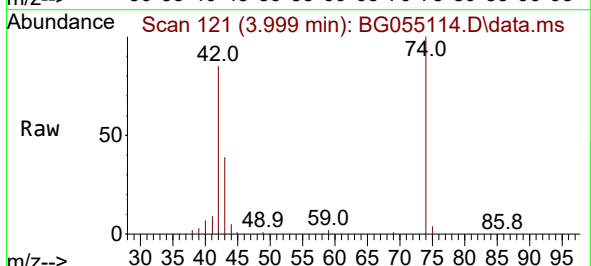
Tgt Ion: 79 Resp: 81450
Ion Ratio Lower Upper
79 100
52 74.5 66.8 100.2
51 41.5 37.3 55.9

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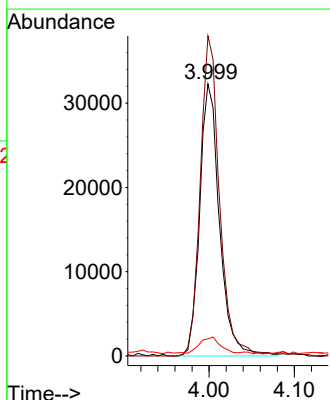
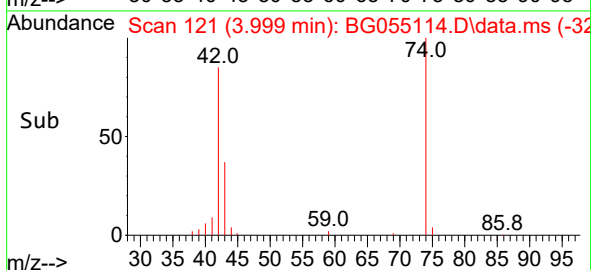
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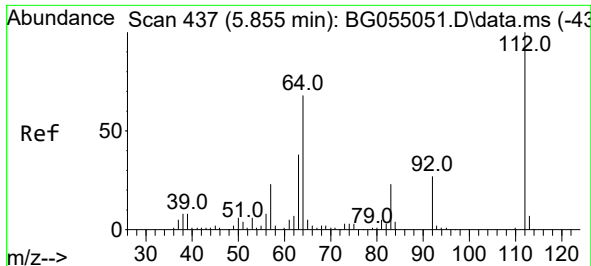


#4
n-Nitrosodimethylamine
Concen: 40.183 ng
RT: 3.999 min Scan# 121
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



Tgt Ion: 42 Resp: 51982
Ion Ratio Lower Upper
42 100
74 117.6 82.6 124.0
44 6.3 7.0 10.6#





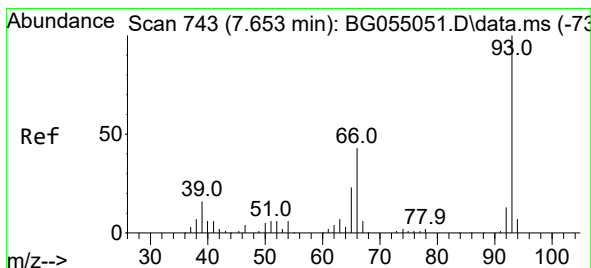
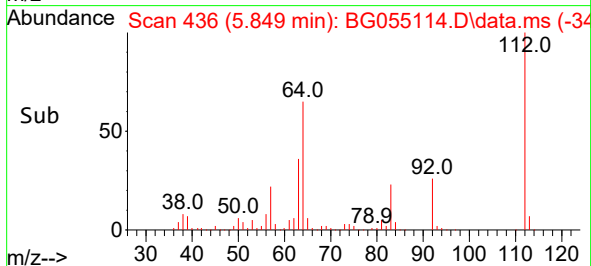
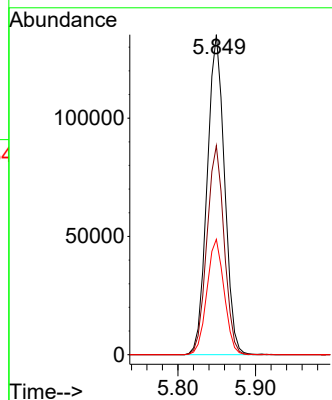
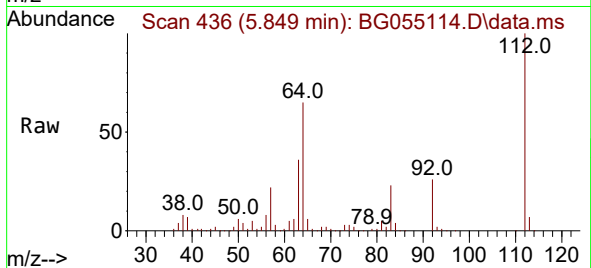
#5
2-Fluorophenol
Concen: 158.159 ng
RT: 5.849 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion:112 Resp: 210270
Ion Ratio Lower Upper
112 100
64 65.3 54.5 81.7
63 36.0 30.5 45.7

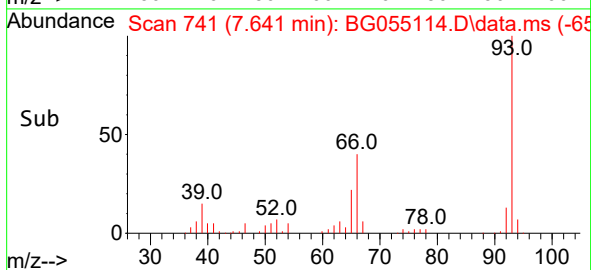
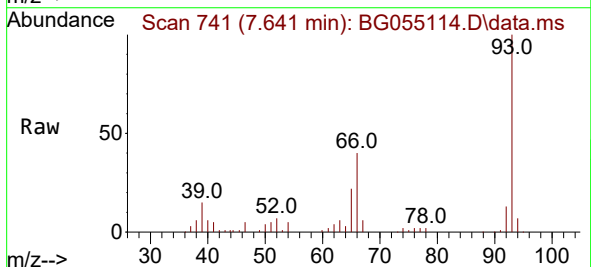
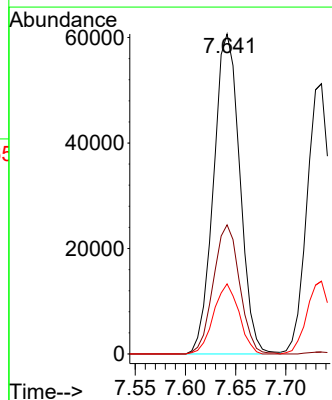
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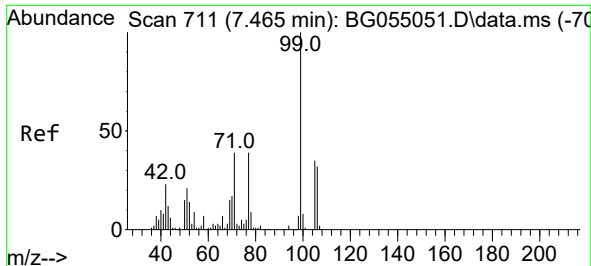
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#6
Aniline
Concen: 37.833 ng
RT: 7.641 min Scan# 741
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion: 93 Resp: 110270
Ion Ratio Lower Upper
93 100
66 40.4 34.6 52.0
65 21.9 18.2 27.2





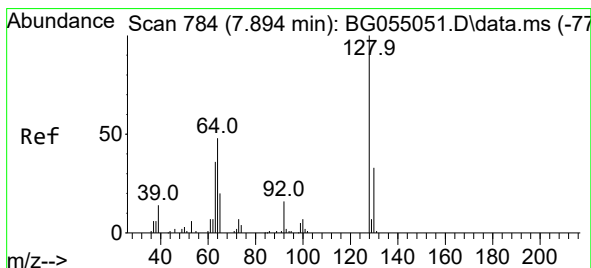
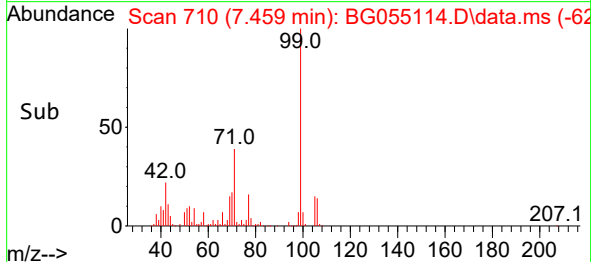
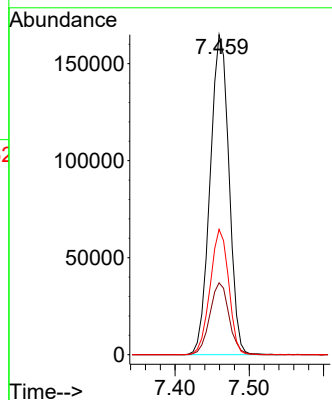
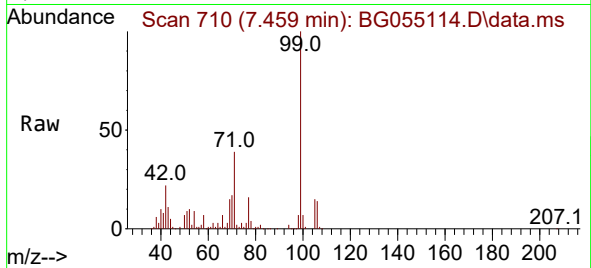
#7
Phenol-d6
Concen: 146.352 ng
RT: 7.459 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Instrument :
BNA_G
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Tgt Ion: 99 Resp: 29153
Ion Ratio Lower Upper
99 100
42 22.4 18.6 28.0
71 39.1 31.2 46.8

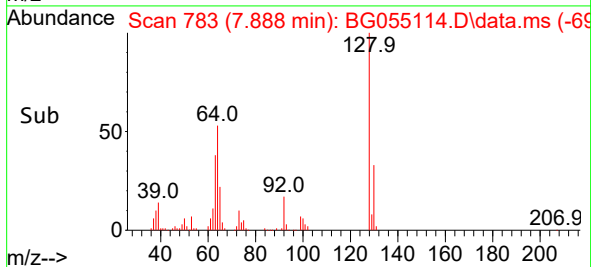
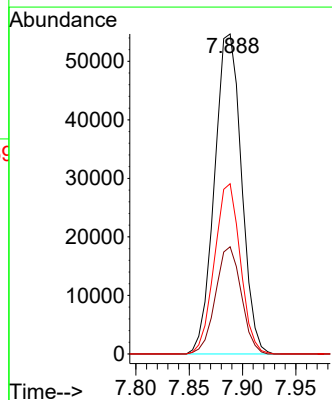
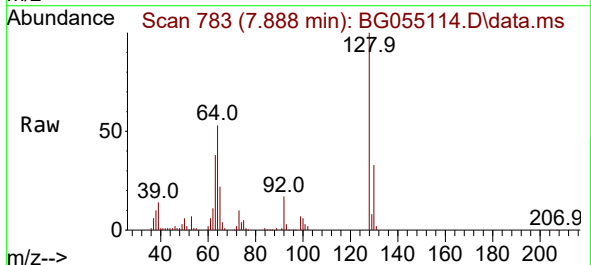
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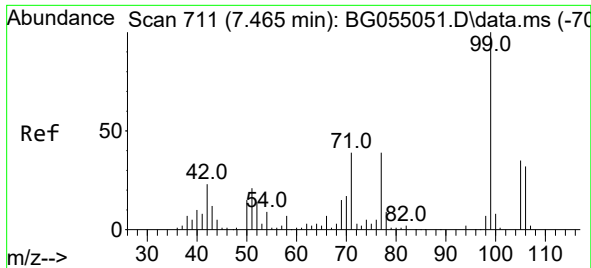
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Supervised By :mohammad ahmed 10/17/2022



#8
2-Chlorophenol
Concen: 62.817 ng
RT: 7.888 min Scan# 783
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion:128 Resp: 96063
Ion Ratio Lower Upper
128 100
130 33.5 12.9 52.9
64 53.2 35.9 75.9





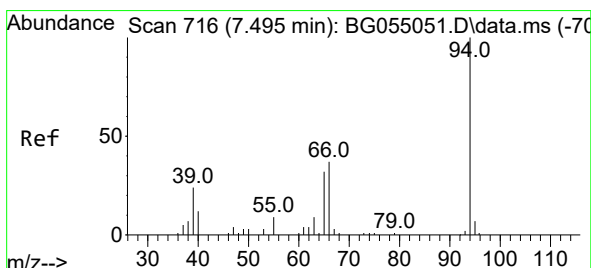
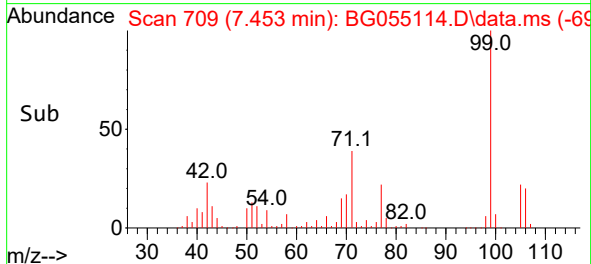
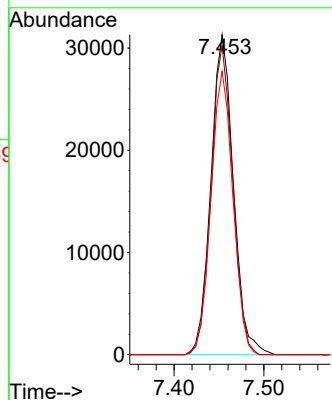
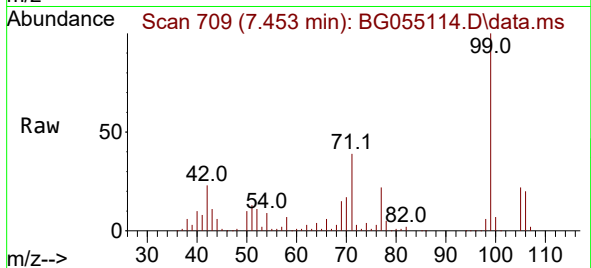
#9
Benzaldehyde
Concen: 33.985 ng
RT: 7.453 min Scan# 709
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion: 77 Resp: 5438
Ion Ratio Lower Upper
77 100
105 96.6 70.4 110.4
106 88.5 62.8 102.8

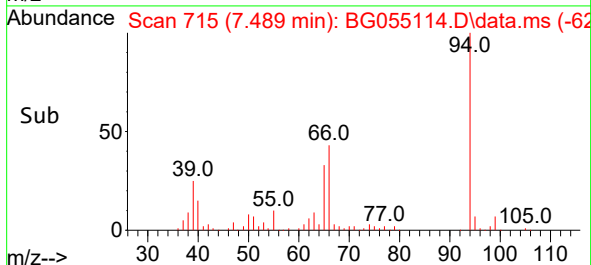
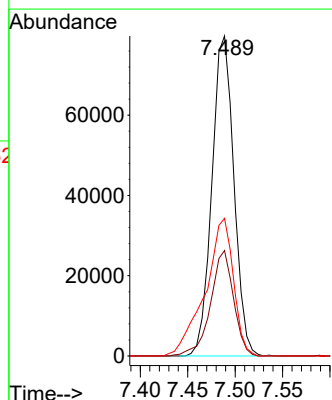
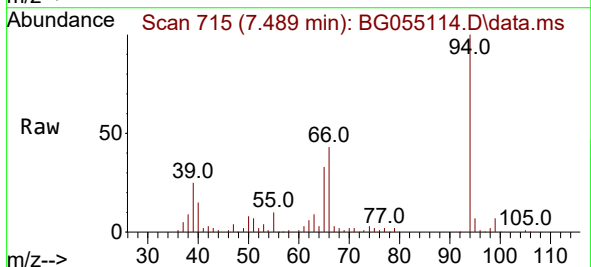
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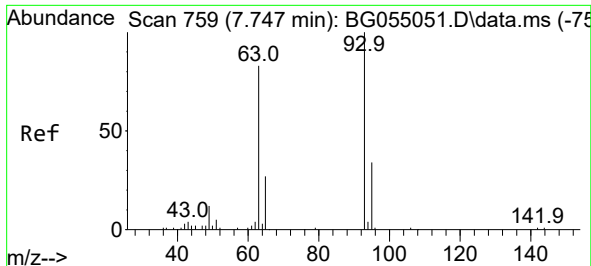
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Supervised By :mohammad ahmed 10/17/2022



#10
Phenol
Concen: 56.734 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion: 94 Resp: 128426
Ion Ratio Lower Upper
94 100
65 32.9 11.8 51.8
66 43.0 19.3 59.3





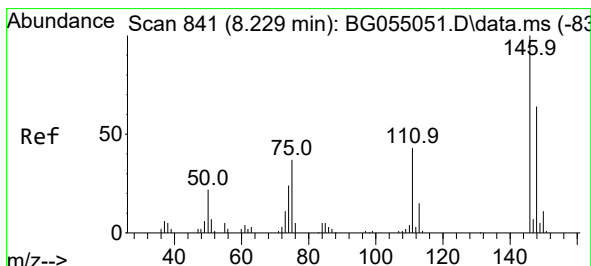
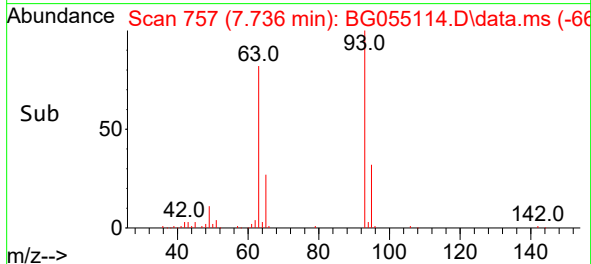
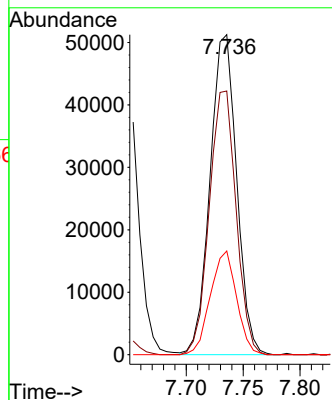
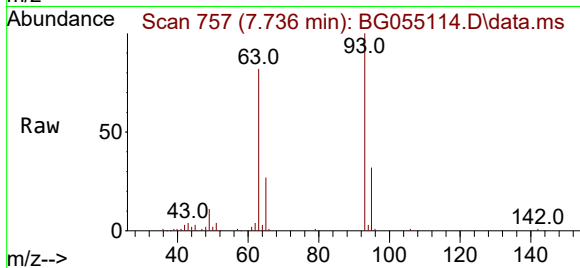
#11
bis(2-Chloroethyl)ether
Concen: 44.966 ng
RT: 7.736 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion: 93 Resp: 8342
Ion Ratio Lower Upper
93 100
63 82.4 62.5 102.5
95 32.4 13.6 53.6

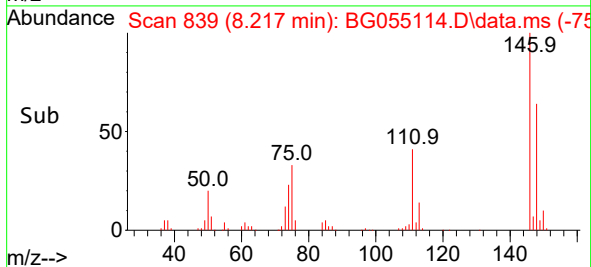
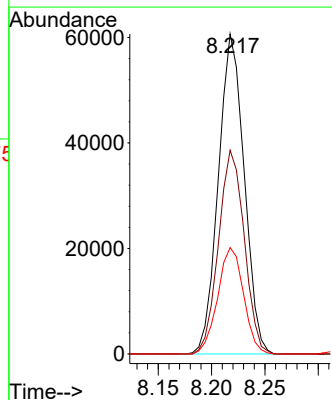
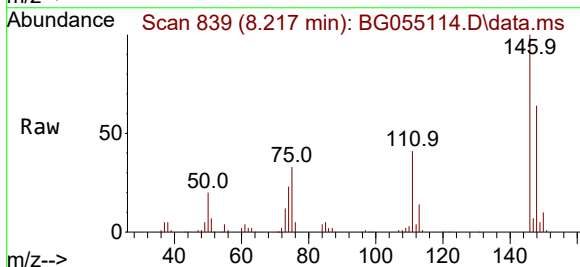
Manual Integrations
APPROVED

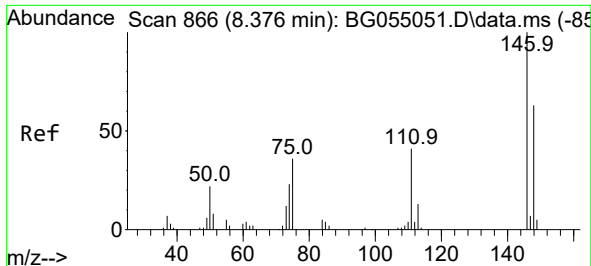
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#12
1,3-Dichlorobenzene
Concen: 48.466 ng
RT: 8.217 min Scan# 839
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion:146 Resp: 102018
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 33.2 29.8 44.6





#13

1,4-Dichlorobenzene

Concen: 48.363 ng

RT: 8.364 min Scan# 80

Delta R.T. -0.009 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(5-10)MSD

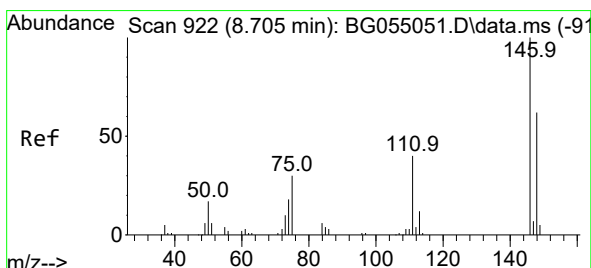
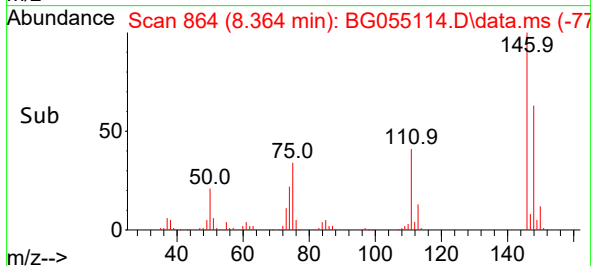
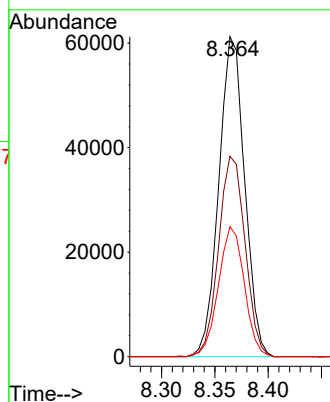
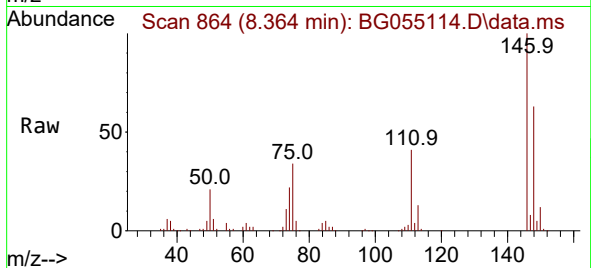
Tgt Ion:146 Resp: 10302

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
111	40.7	33.1	49.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#14

1,2-Dichlorobenzene

Concen: 48.477 ng

RT: 8.687 min Scan# 919

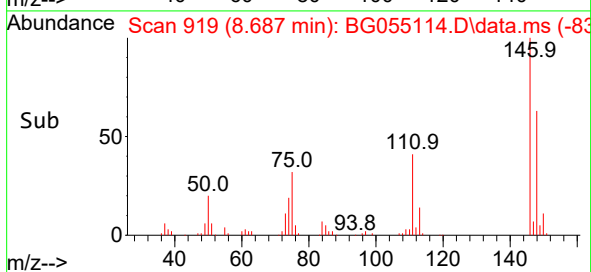
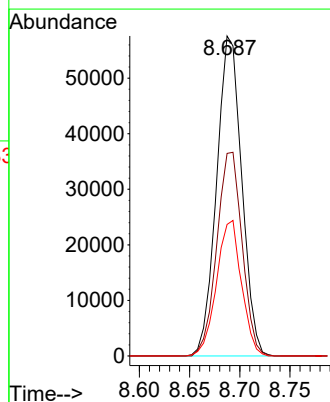
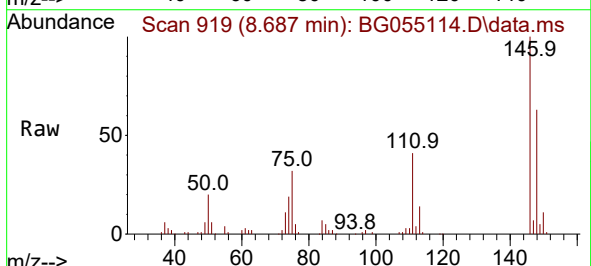
Delta R.T. -0.009 min

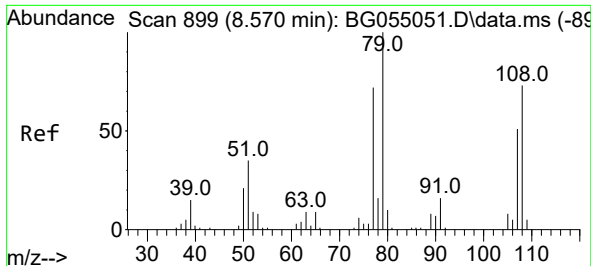
Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Tgt Ion:146 Resp: 100329

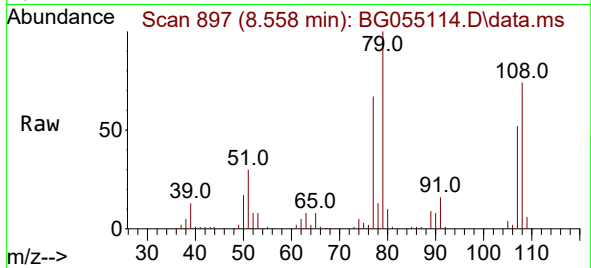
Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.6	74.4
111	41.1	32.4	48.6





#15
Benzyl Alcohol
Concen: 55.039 ng
RT: 8.558 min Scan# 897
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

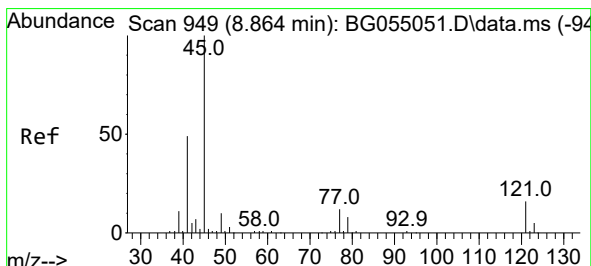
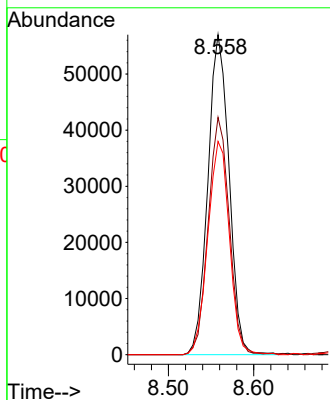
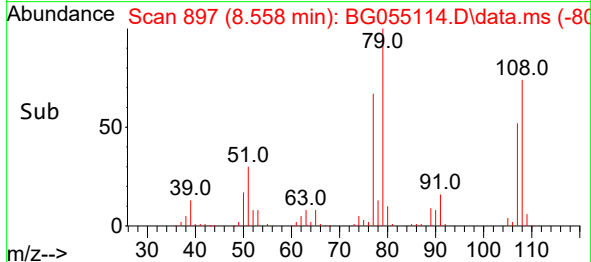
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



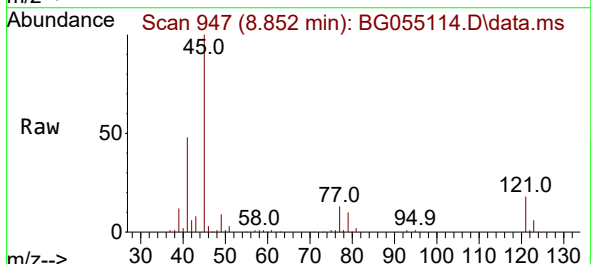
Tgt Ion: 79 Resp: 98476
Ion Ratio Lower Upper
79 100
108 74.2 58.6 87.8
77 66.6 57.8 86.6

Manual Integrations
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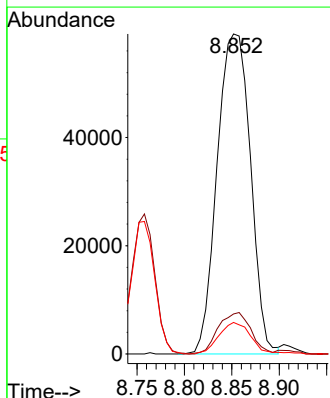
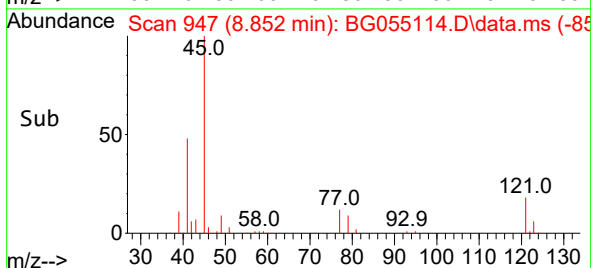
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

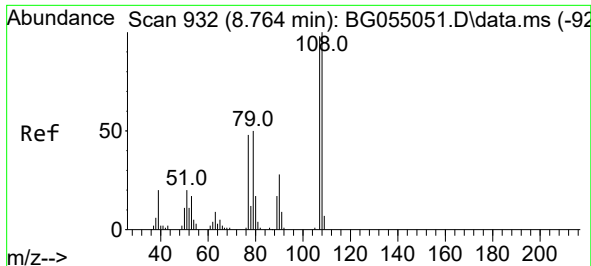


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.197 ng
RT: 8.852 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



Tgt Ion: 45 Resp: 144779
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.1
79 9.9 0.0 28.7





#17

2-Methylphenol

Concen: 55.575 ng

RT: 8.758 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

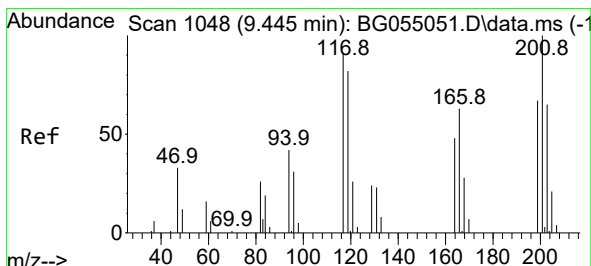
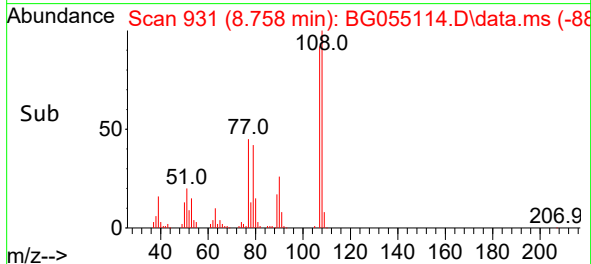
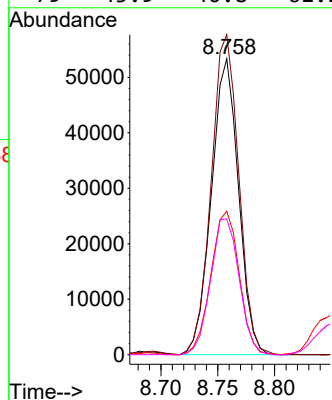
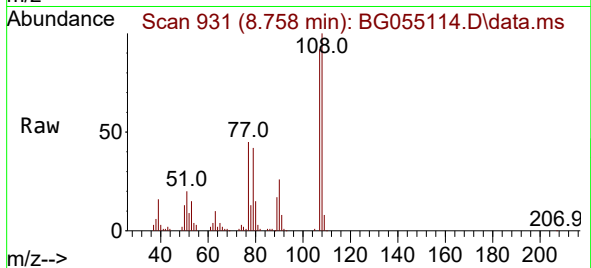
SASP2-T-3-(5-10)MSD

Tgt Ion:	107	Resp:	8863
Ion Ratio	Lower	Upper	
107	100		
108	108.2	81.8	122.6
77	48.6	39.4	59.2
79	45.9	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#18

Hexachloroethane

Concen: 51.575 ng

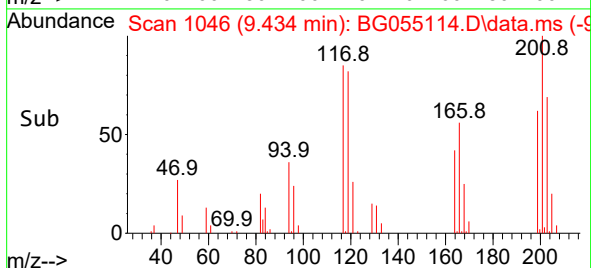
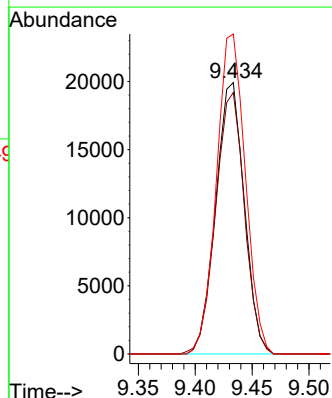
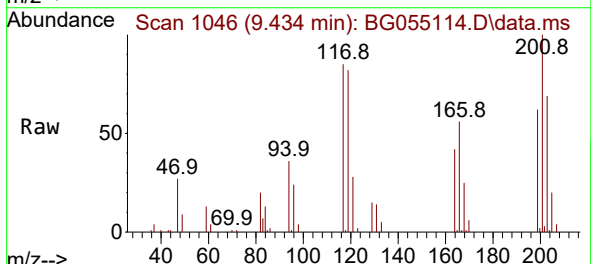
RT: 9.434 min Scan# 1046

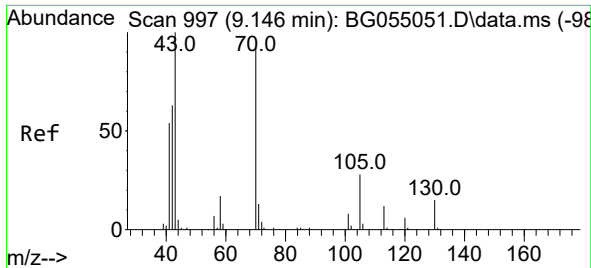
Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

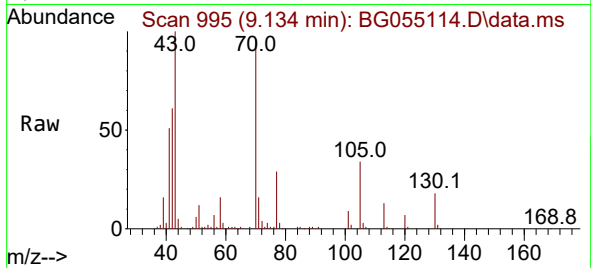
Tgt Ion:	117	Resp:	34837
Ion Ratio	Lower	Upper	
117	100		
119	96.3	72.2	108.2
201	120.9	88.2	132.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.378 ng
RT: 9.134 min Scan# 997
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

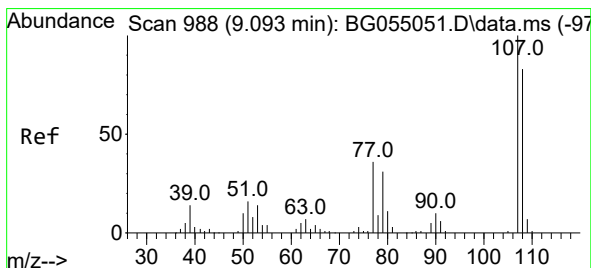
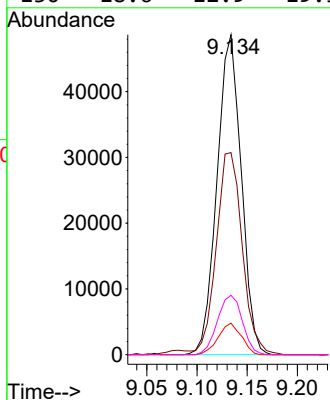
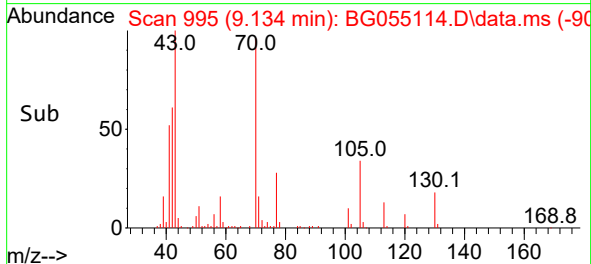
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



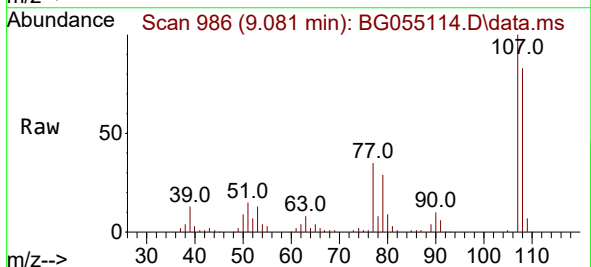
Tgt Ion: 70 Resp: 81772
Ion Ratio Lower Upper
70 100
42 63.2 55.8 83.6
101 9.9 7.1 10.7
130 18.6 12.9 19.3

Manual Integrations
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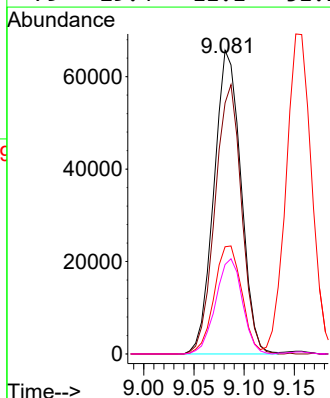
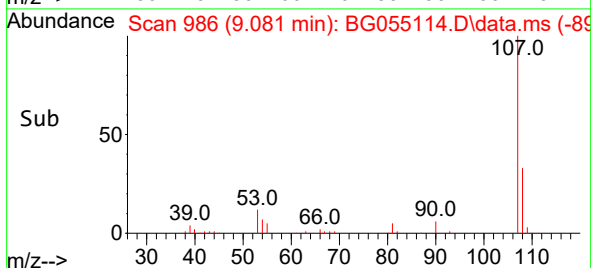
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

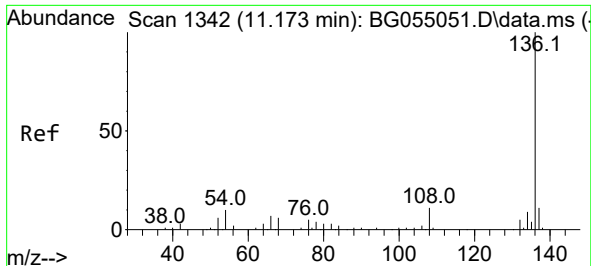


#20
3+4-Methylphenols
Concen: 55.268 ng
RT: 9.081 min Scan# 986
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



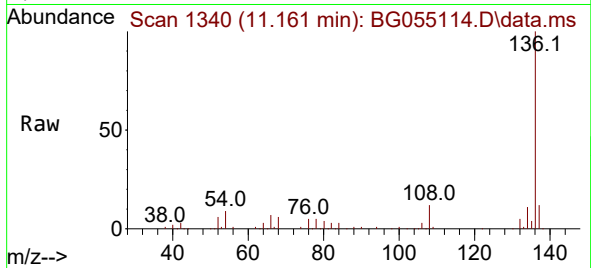
Tgt Ion:107 Resp: 122755
Ion Ratio Lower Upper
107 100
108 82.7 63.4 103.4
77 35.3 16.9 56.9
79 29.4 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

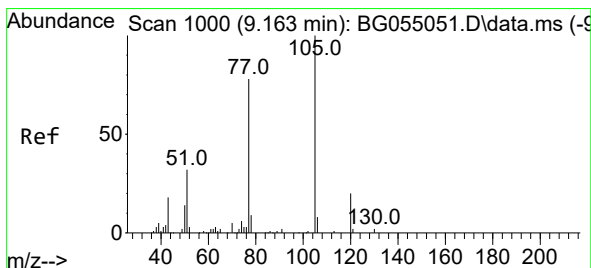
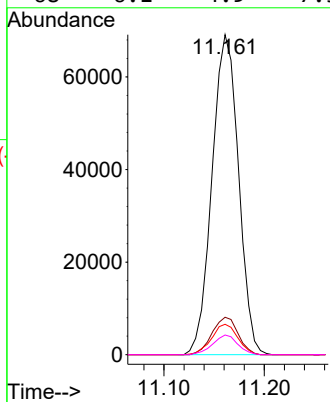
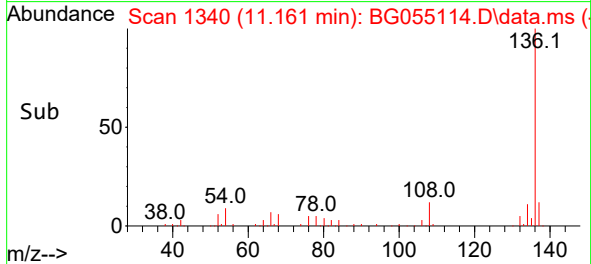
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:136 Resp: 12671
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 9.5 8.2 12.4
68 6.1 4.9 7.3

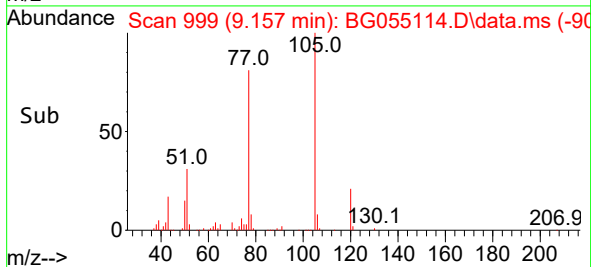
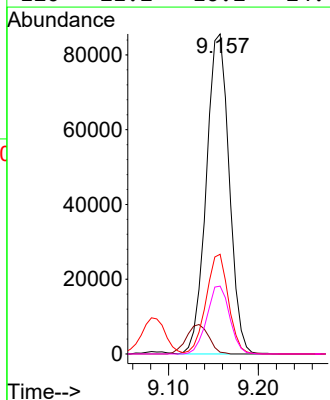
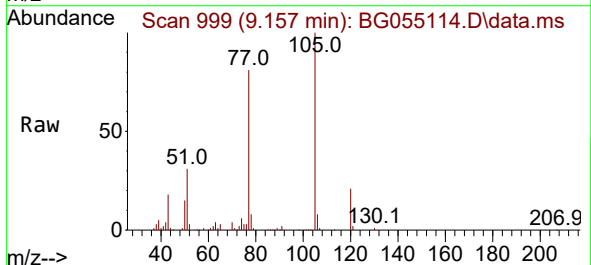
Manual Integrations
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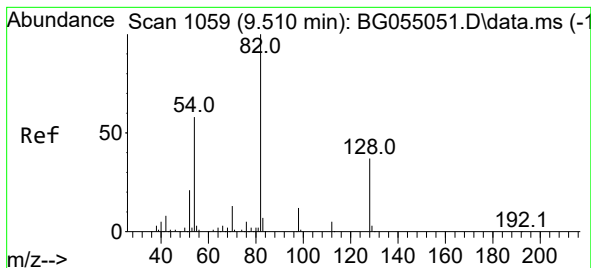
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#22
Acetophenone
Concen: 47.159 ng
RT: 9.157 min Scan# 999
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion:105 Resp: 151535
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.2#
51 31.2 26.3 39.5
120 21.2 16.2 24.4





#23

Nitrobenzene-d5

Concen: 85.205 ng

RT: 9.498 min Scan# 1057

Delta R.T. -0.009 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(5-10)MSD

Tgt Ion: 82 Resp: 18068

Ion Ratio Lower Upper

82 100

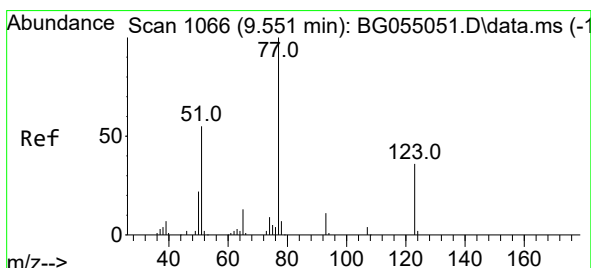
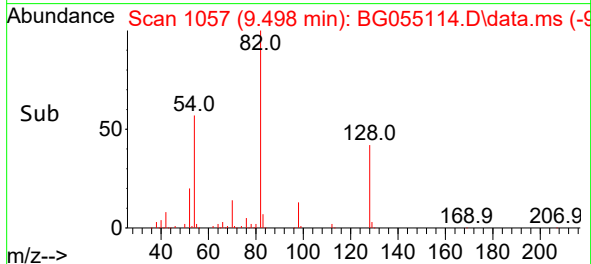
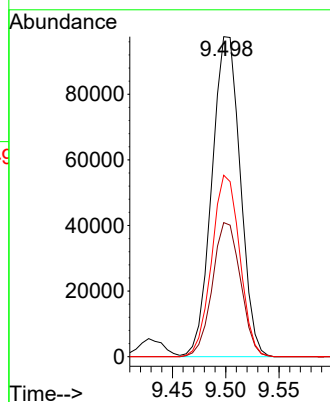
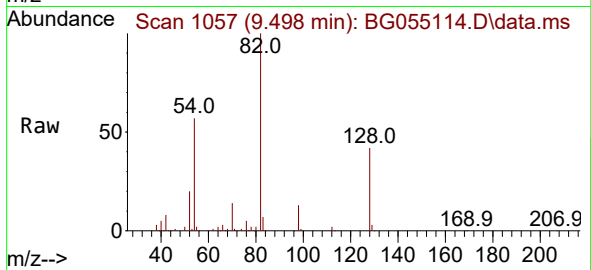
128 41.9 29.5 44.3

54 56.7 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#24

Nitrobenzene

Concen: 50.447 ng

RT: 9.545 min Scan# 1065

Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

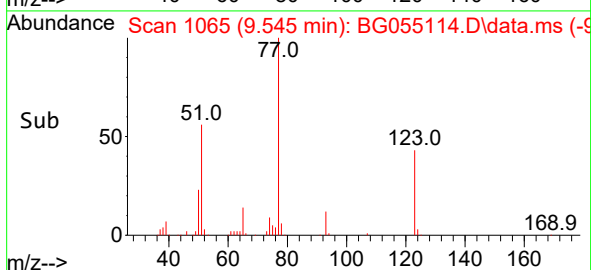
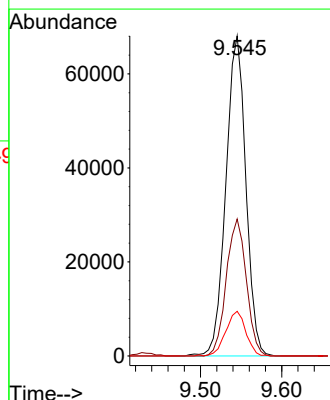
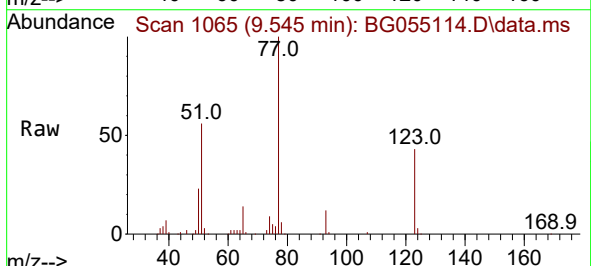
Tgt Ion: 77 Resp: 116156

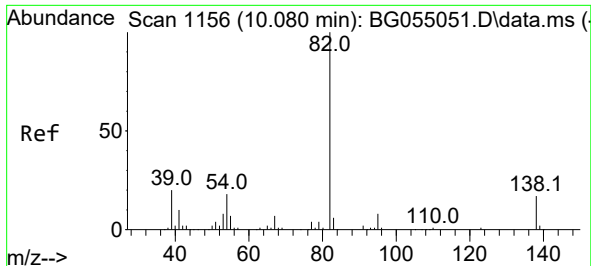
Ion Ratio Lower Upper

77 100

123 42.8 28.6 42.8

65 14.0 10.5 15.7





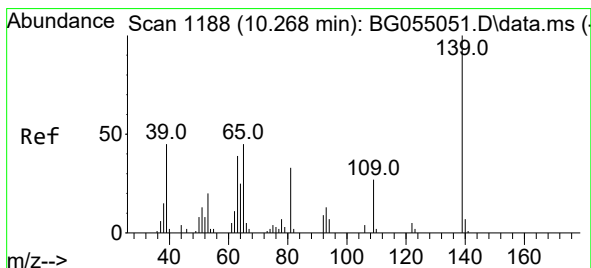
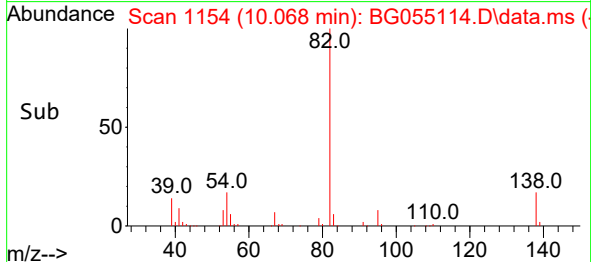
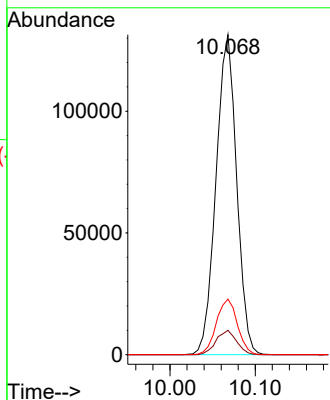
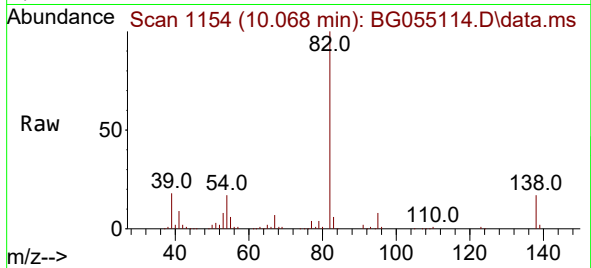
#25
Isophorone
Concen: 49.114 ng
RT: 10.068 min Scan# 1154
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion: 82 Resp: 221352
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 17.3 13.4 20.0

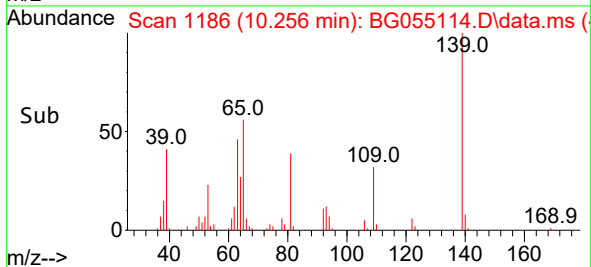
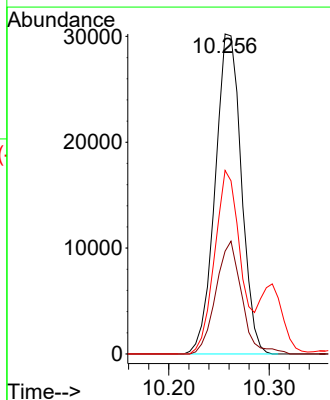
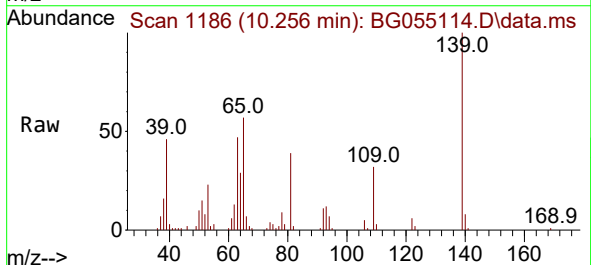
Manual Integrations
APPROVED

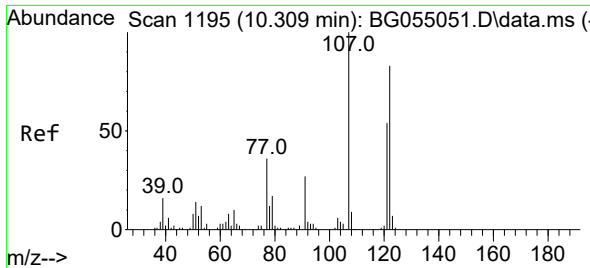
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#26
2-Nitrophenol
Concen: 81.318 ng
RT: 10.256 min Scan# 1186
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

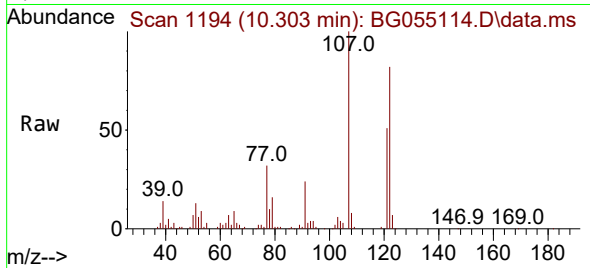
Tgt Ion:139 Resp: 54669
Ion Ratio Lower Upper
139 100
109 32.1 21.7 32.5
65 57.4 36.4 54.6#





#27
2,4-Dimethylphenol
Concen: 66.938 ng
RT: 10.303 min Scan# 1194
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

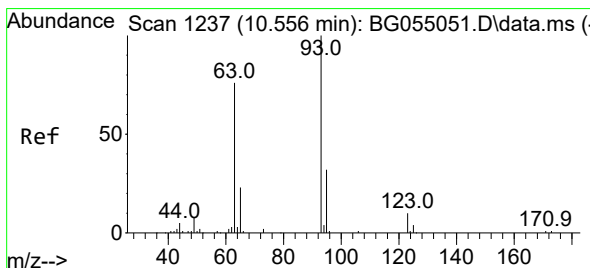
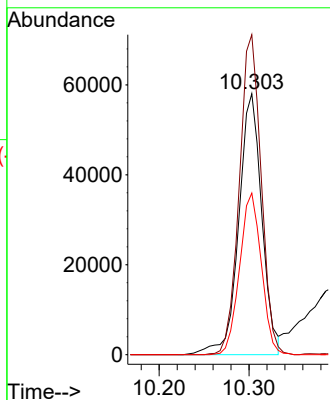
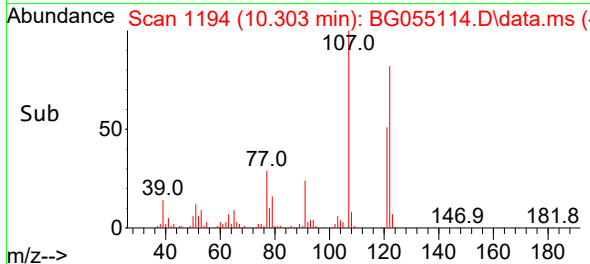
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:122 Resp: 103418
Ion Ratio Lower Upper
122 100
107 122.6 96.0 144.0
121 61.9 51.7 77.5

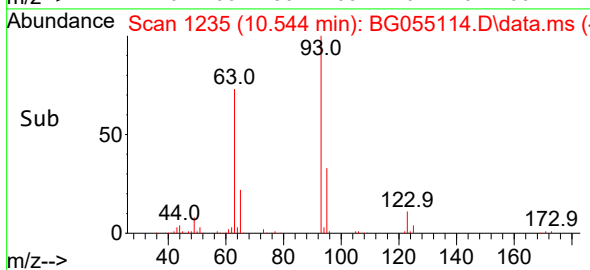
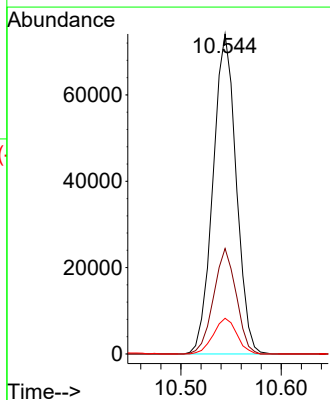
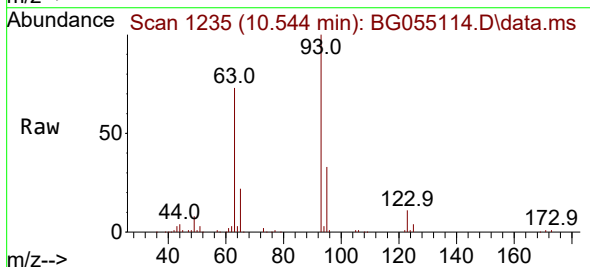
Manual Integrations
APPROVED

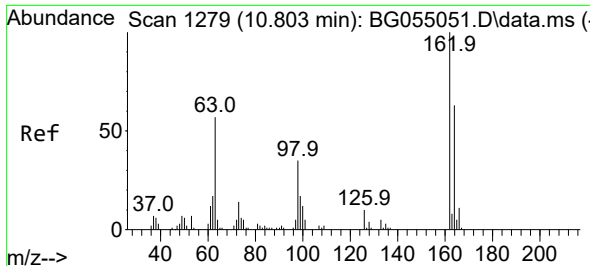
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.615 ng
RT: 10.544 min Scan# 1235
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion: 93 Resp: 119031
Ion Ratio Lower Upper
93 100
95 33.0 25.6 38.4
123 11.2 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 55.780 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

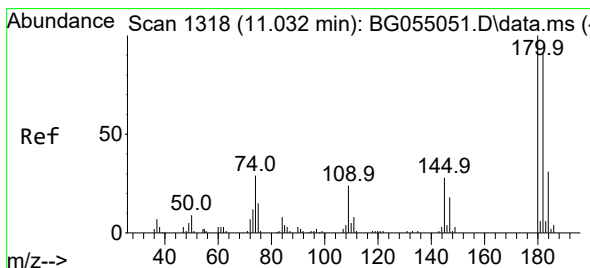
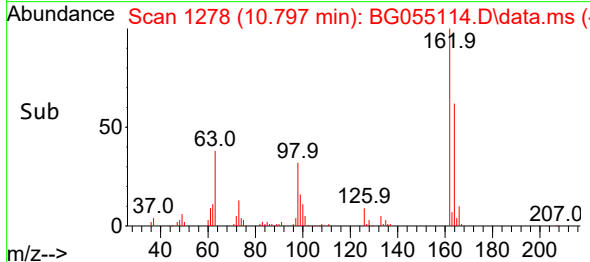
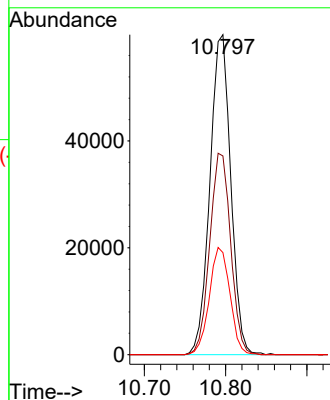
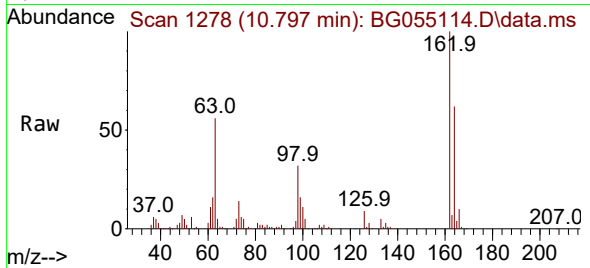
SASP2-T-3-(5-10)MSD

Tgt Ion:	162	Resp:	10672
Ion Ratio	Lower	Upper	
162	100		
164	62.1	42.9	82.9
98	31.9	14.7	54.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.158 ng

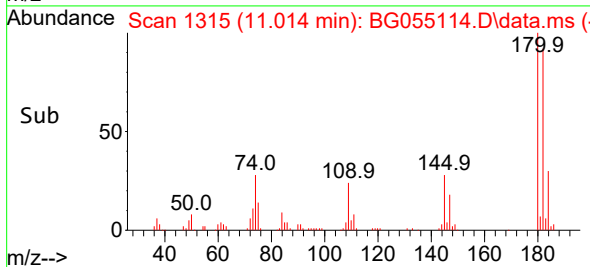
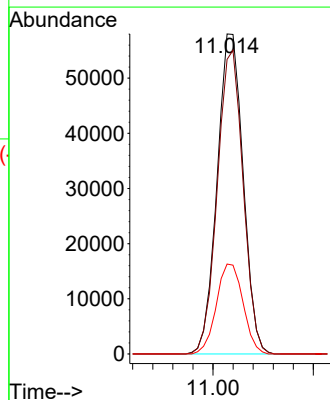
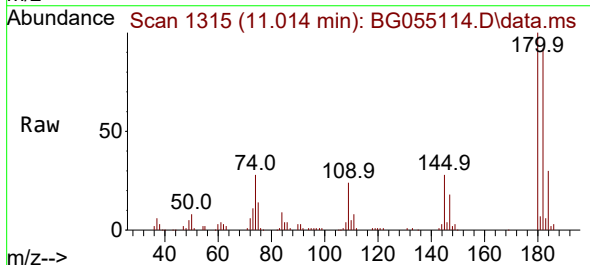
RT: 11.014 min Scan# 1315

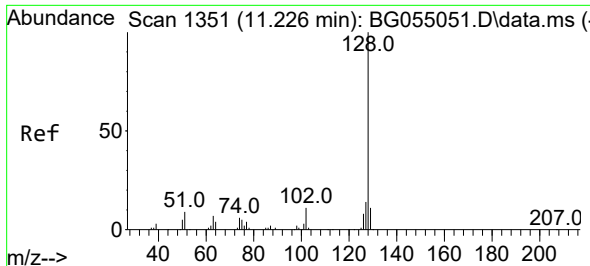
Delta R.T. -0.009 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

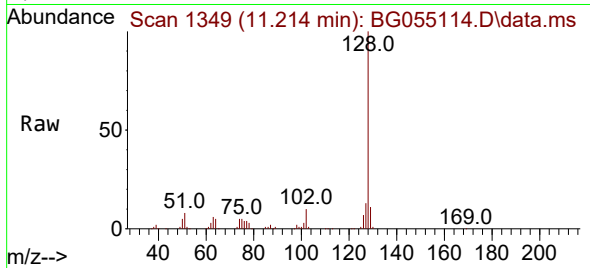
Tgt Ion:	180	Resp:	104359
Ion Ratio	Lower	Upper	
180	100		
182	92.0	72.6	109.0
145	28.1	22.5	33.7





#31
Naphthalene
Concen: 46.280 ng
RT: 11.214 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

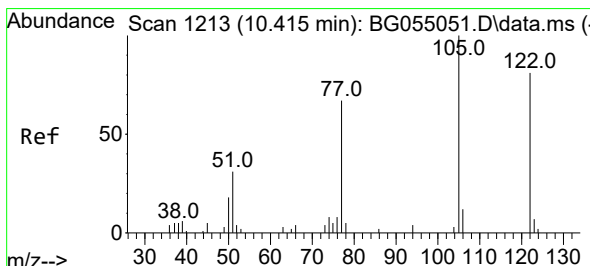
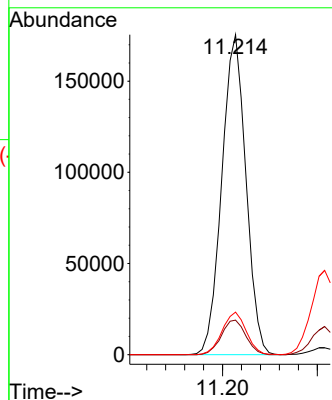
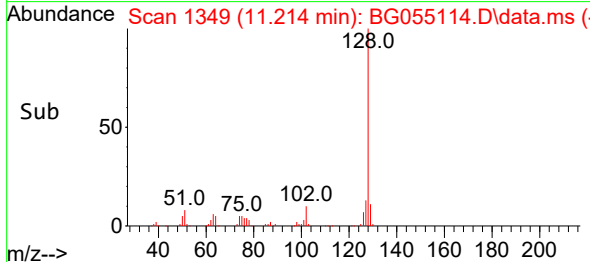
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:128 Resp: 309498
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.9 16.3

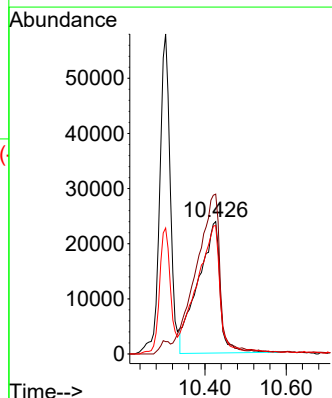
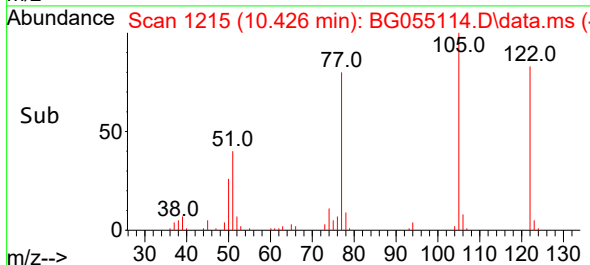
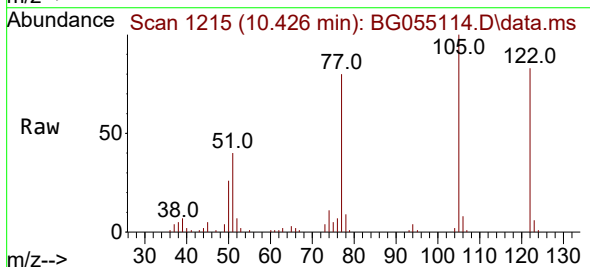
Manual Integrations
APPROVED

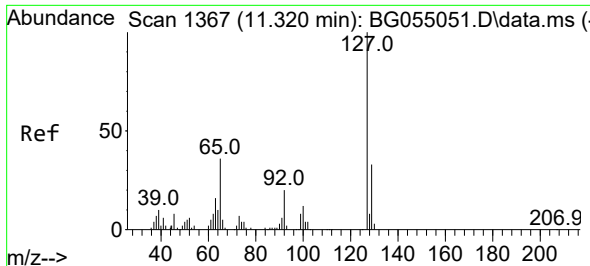
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#32
Benzoic acid
Concen: 76.521 ng
RT: 10.426 min Scan# 1215
Delta R.T. 0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

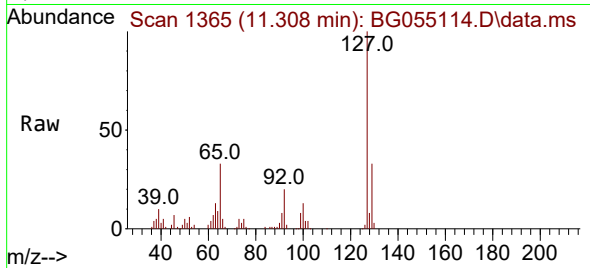
Tgt Ion:122 Resp: 89699
Ion Ratio Lower Upper
122 100
105 120.7 98.8 138.8
77 97.0 65.2 105.2





#33
4-Chloroaniline
Concen: 30.896 ng
RT: 11.308 min Scan# 11365
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

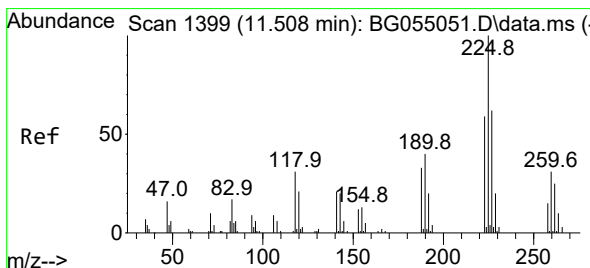
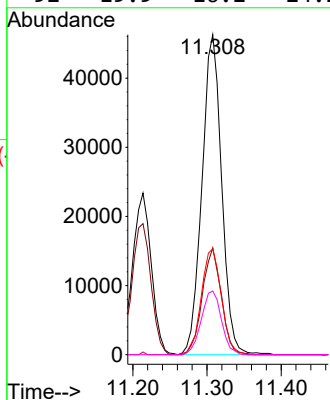
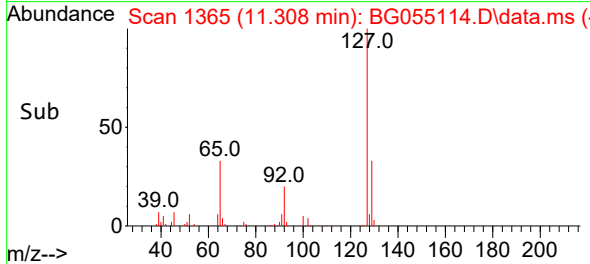
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:	127	Resp:	85439
Ion Ratio	Lower	Upper	
127	100		
129	33.4	26.4	39.6
65	33.1	28.6	43.0
92	19.9	16.2	24.2

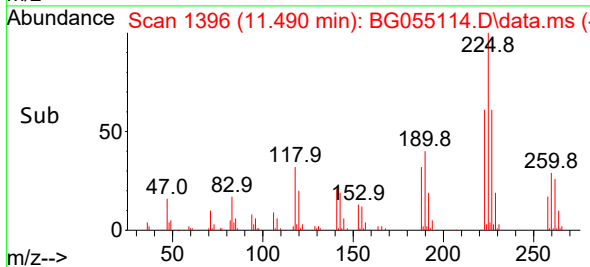
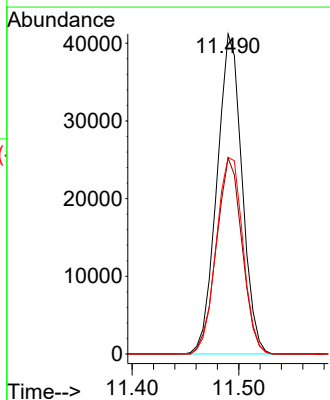
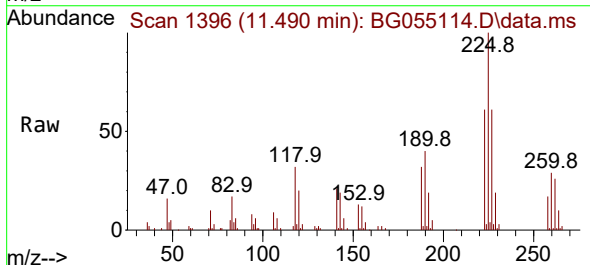
Manual Integrations
APPROVED

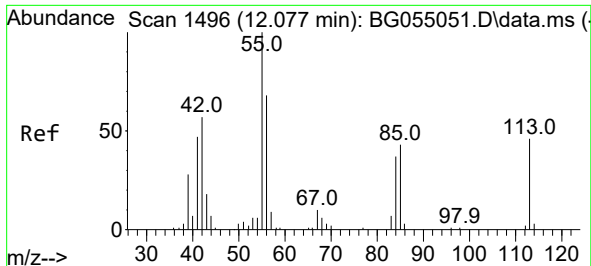
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#34
Hexachlorobutadiene
Concen: 46.872 ng
RT: 11.490 min Scan# 1396
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

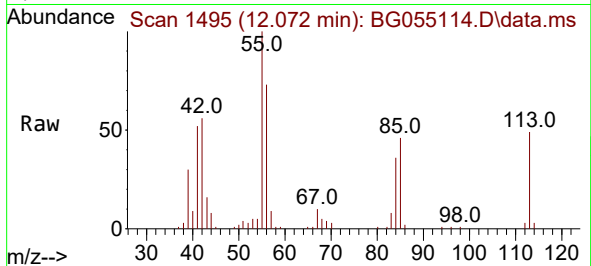
Tgt Ion:	225	Resp:	67258
Ion Ratio	Lower	Upper	
225	100		
223	61.2	47.5	71.3
227	61.5	49.8	74.8





#35
Caprolactam
Concen: 66.494 ng m
RT: 12.072 min Scan# 1496
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

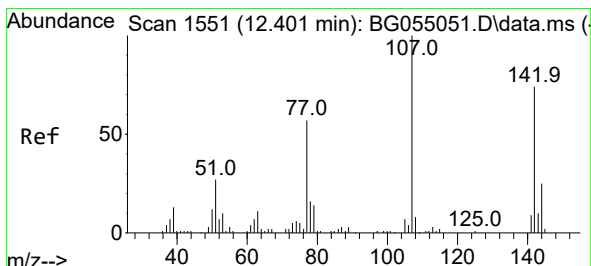
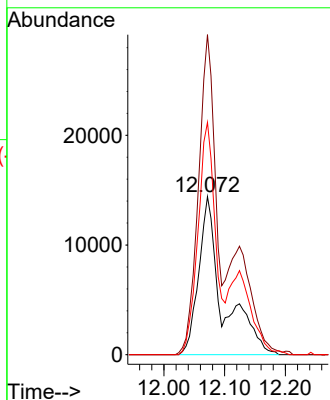
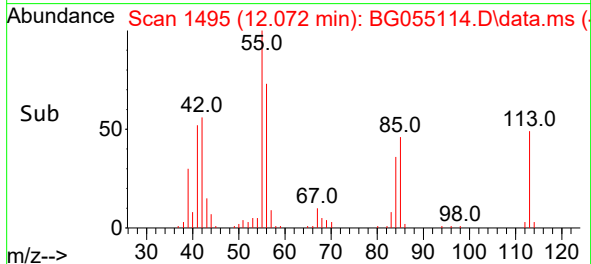
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



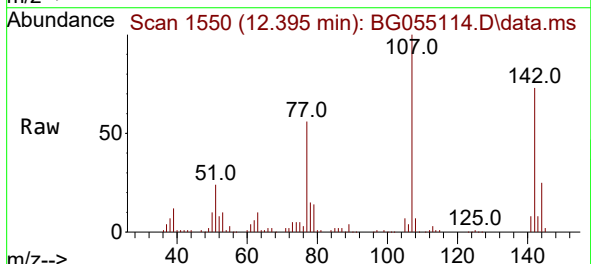
Tgt Ion:113 Resp: 3996
Ion Ratio Lower Upper
113 100
55 202.5 199.4 239.4
56 147.0 130.0 170.0

Manual Integrations
APPROVED

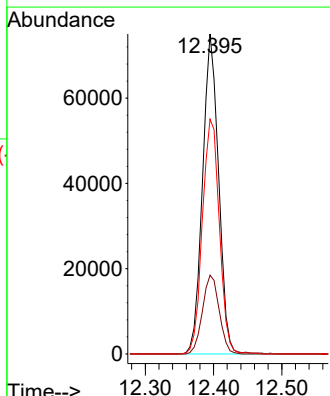
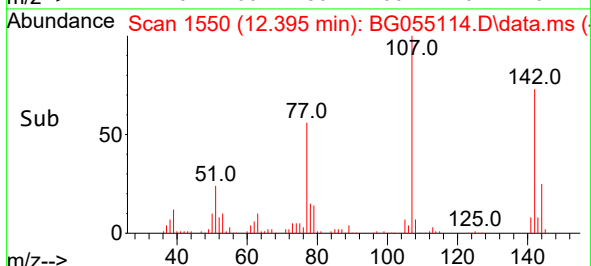
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

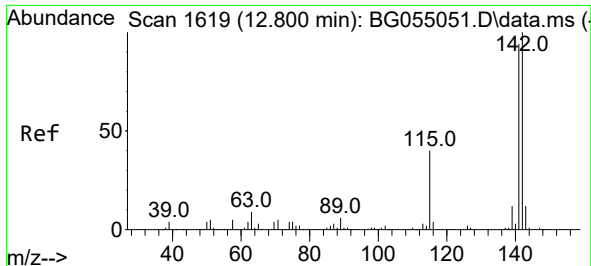


#36
4-Chloro-3-methylphenol
Concen: 56.329 ng
RT: 12.395 min Scan# 1550
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



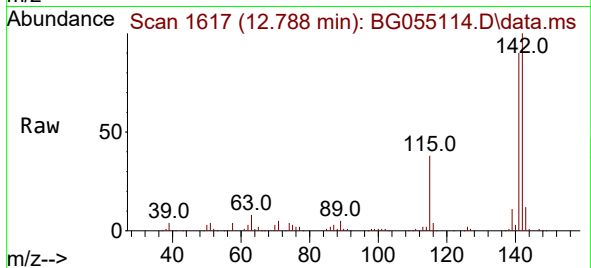
Tgt Ion:107 Resp: 122701
Ion Ratio Lower Upper
107 100
144 24.6 19.7 29.5
142 73.4 59.3 88.9





#37
2-Methylnaphthalene
Concen: 47.362 ng
RT: 12.788 min Scan# 1617
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

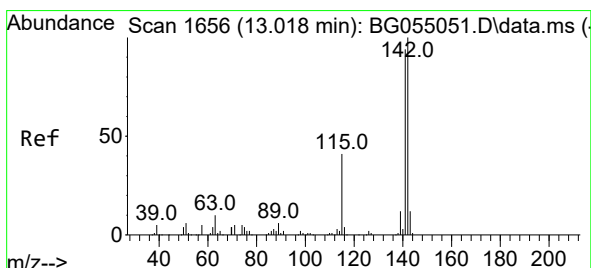
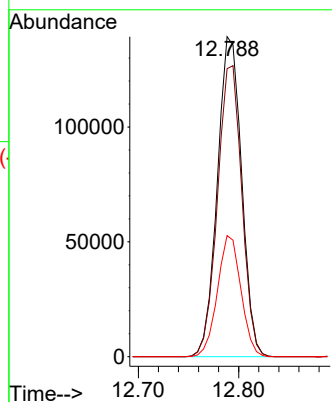
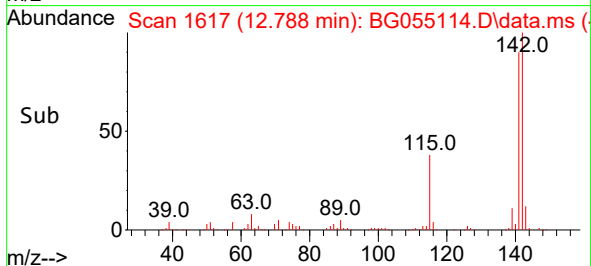
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



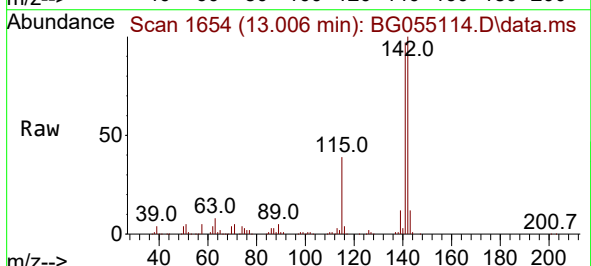
Tgt Ion:142 Resp: 23341
Ion Ratio Lower Upper
142 100
141 90.0 75.0 112.4
115 37.8 31.7 47.5

Manual Integrations
APPROVED

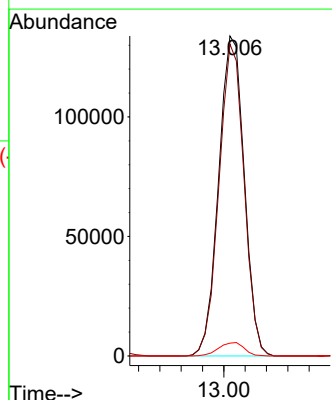
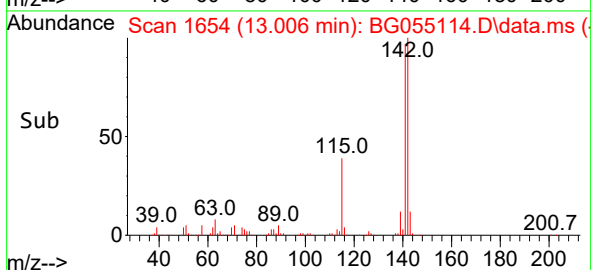
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

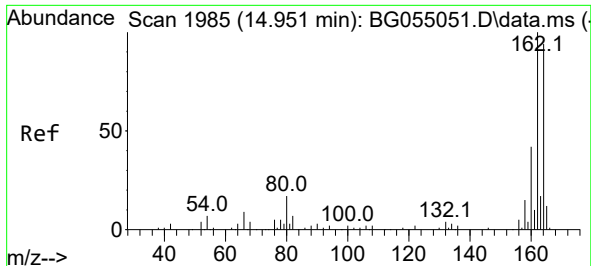


#38
1-Methylnaphthalene
Concen: 46.421 ng
RT: 13.006 min Scan# 1654
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



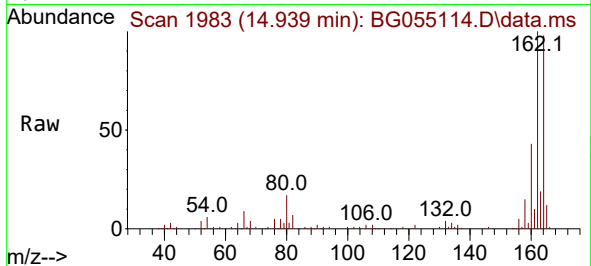
Tgt Ion:142 Resp: 222530
Ion Ratio Lower Upper
142 100
141 97.5 75.5 113.3
116 4.0 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

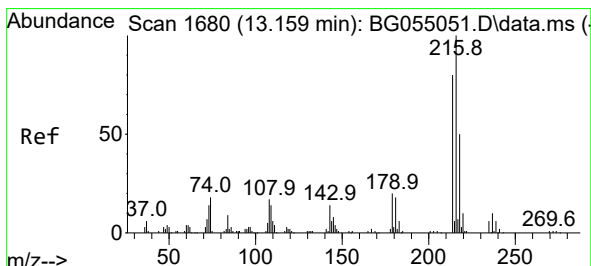
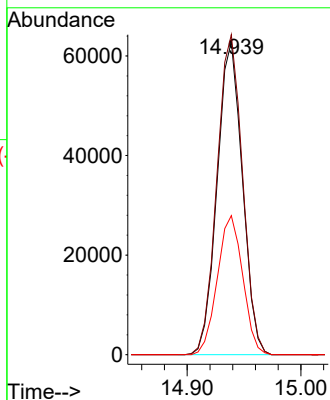
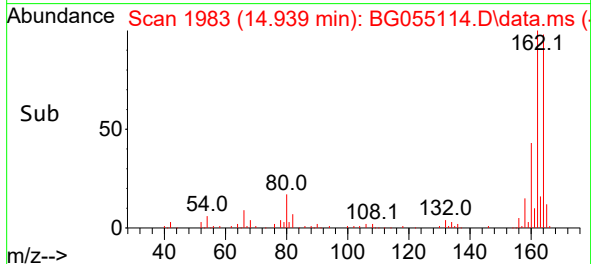
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



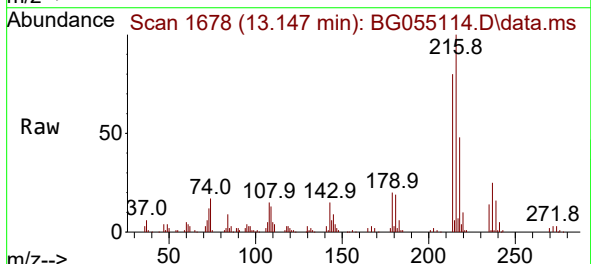
Tgt Ion:164 Resp: 96610
Ion Ratio Lower Upper
164 100
162 102.2 85.5 128.3
160 44.4 35.5 53.3

Manual Integrations
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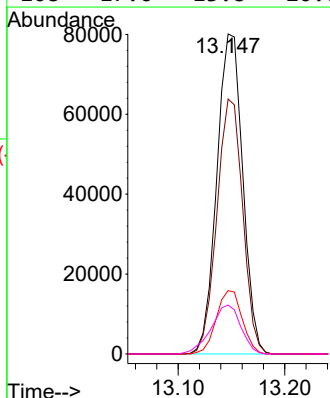
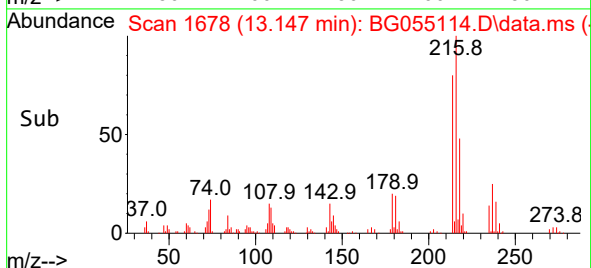
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

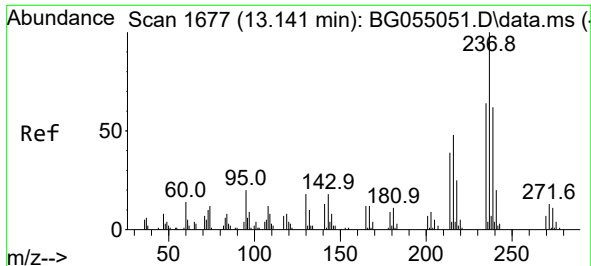


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.873 ng
RT: 13.147 min Scan# 1678
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



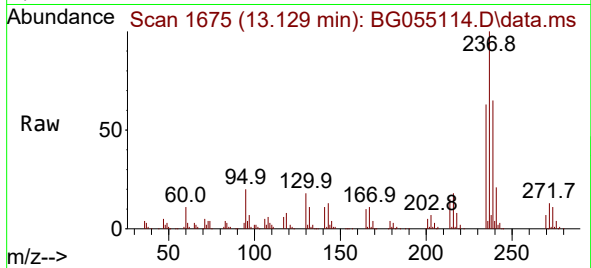
Tgt Ion:216 Resp: 135051
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 19.8 15.9 23.9
108 17.6 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 115.730 ng
RT: 13.129 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

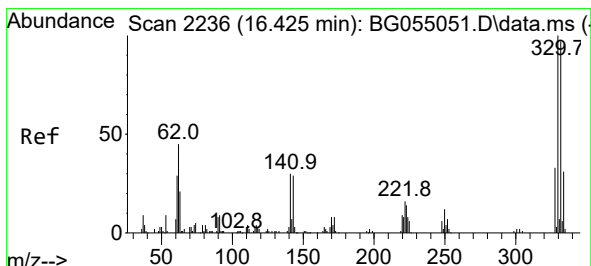
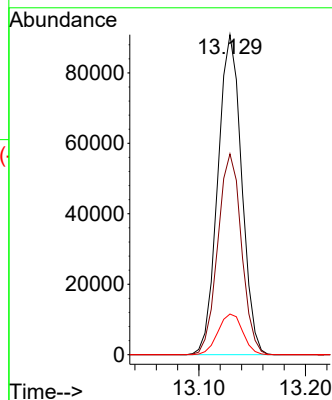
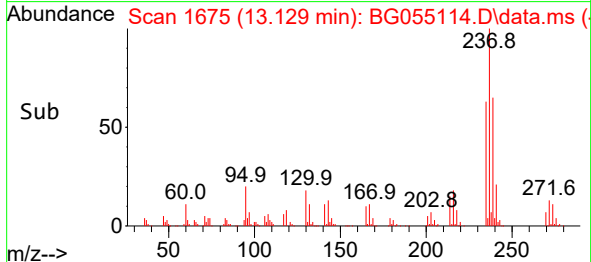
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



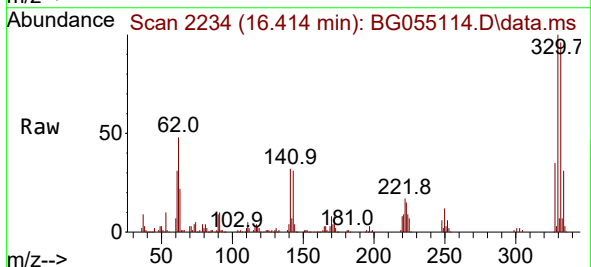
Tgt Ion:237 Resp: 140584
Ion Ratio Lower Upper
237 100
235 62.8 43.8 83.8
272 12.7 0.0 32.7

Manual Integrations
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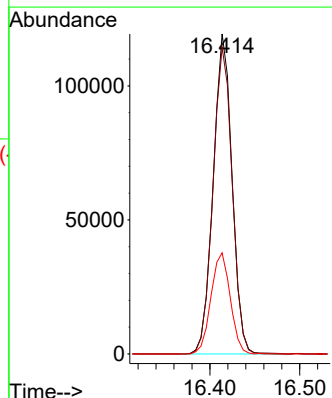
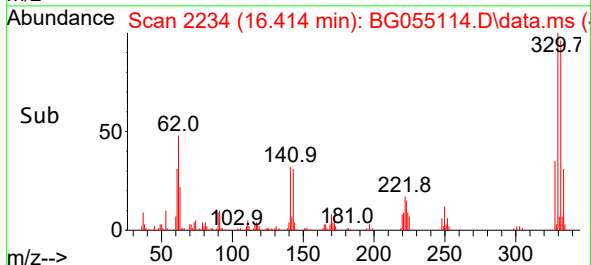
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

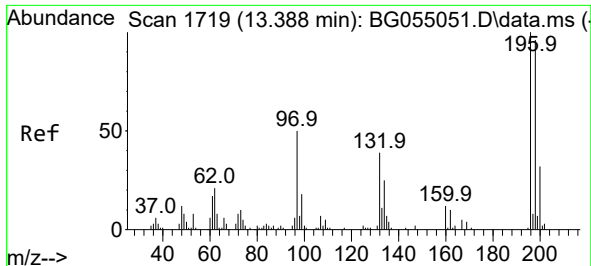


#42
2,4,6-Tribromophenol
Concen: 171.096 ng
RT: 16.414 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



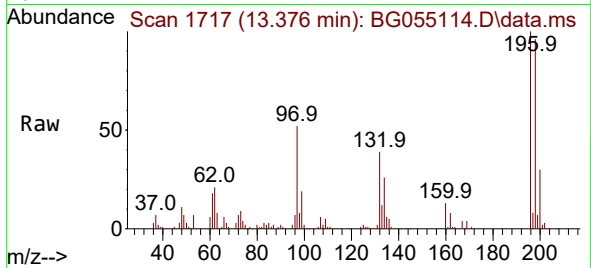
Tgt Ion:330 Resp: 173881
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 32.3 25.0 37.4





#43
2,4,6-Trichlorophenol
Concen: 57.256 ng
RT: 13.376 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

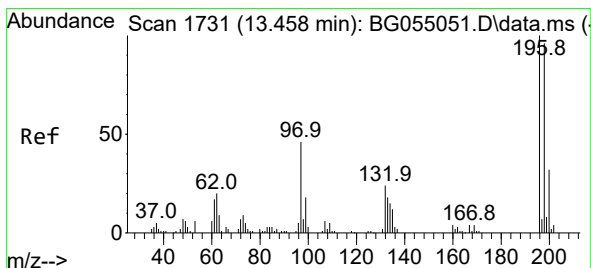
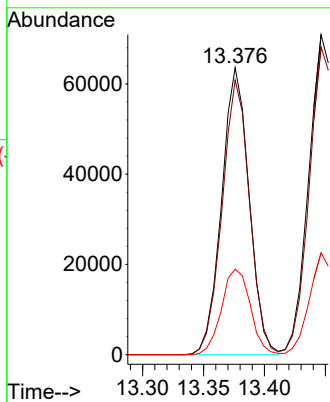
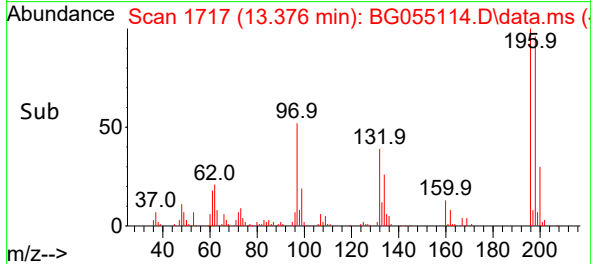
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



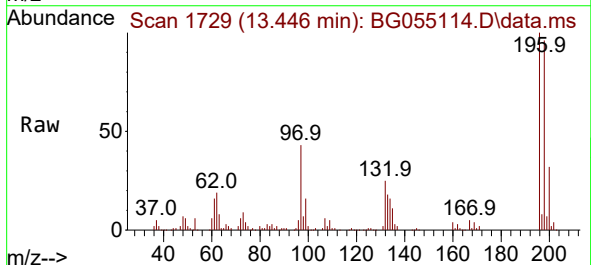
Tgt Ion:196 Resp: 9986
Ion Ratio Lower Upper
196 100
198 95.6 76.5 114.7
200 29.8 25.6 38.4

Manual Integrations
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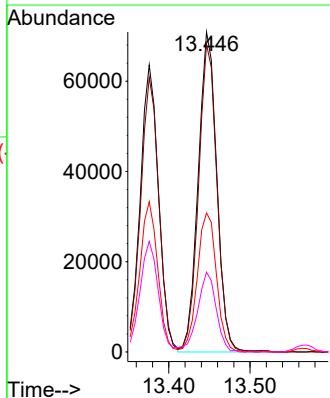
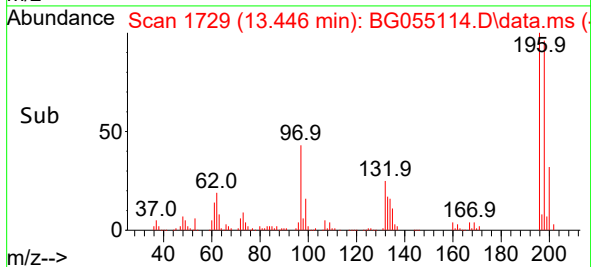
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

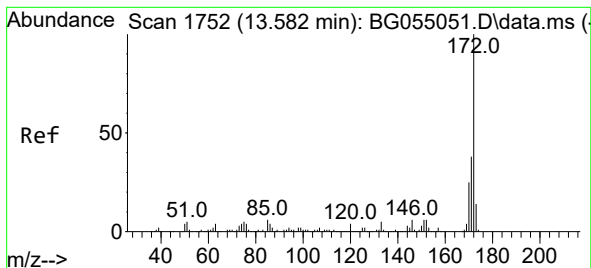


#44
2,4,5-Trichlorophenol
Concen: 57.463 ng
RT: 13.446 min Scan# 1729
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



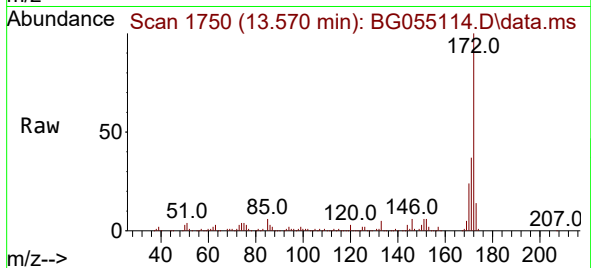
Tgt Ion:196 Resp: 112995
Ion Ratio Lower Upper
196 100
198 96.2 76.8 115.2
97 43.5 37.1 55.7
132 25.0 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 74.514 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

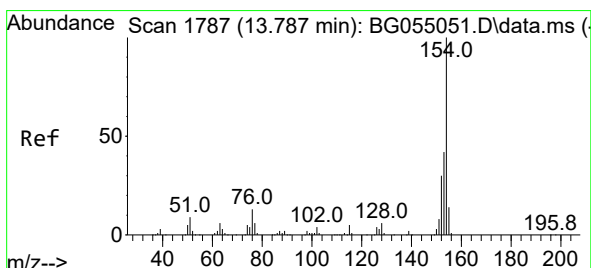
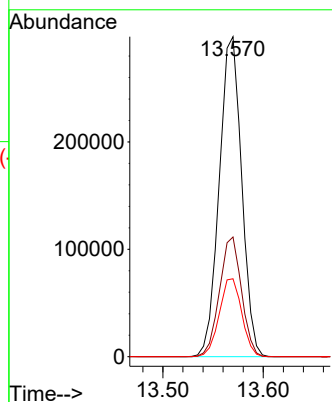
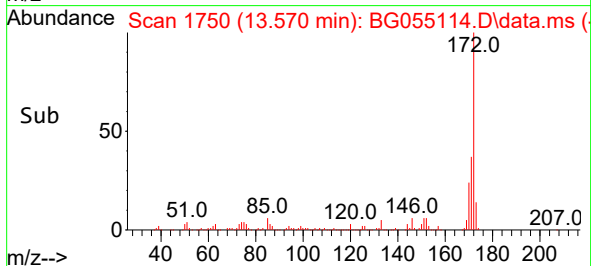
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



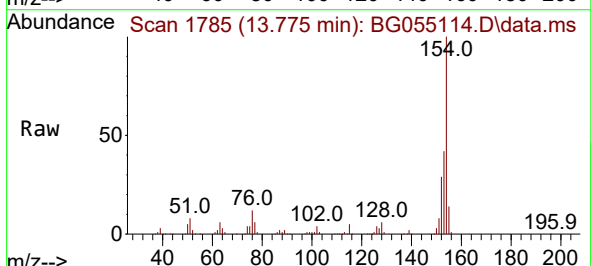
Tgt Ion:172 Resp: 461160
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 24.4 20.0 30.0

Manual Integrations
APPROVED

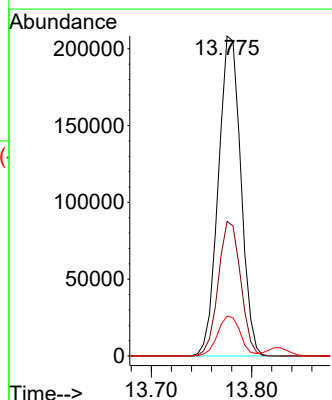
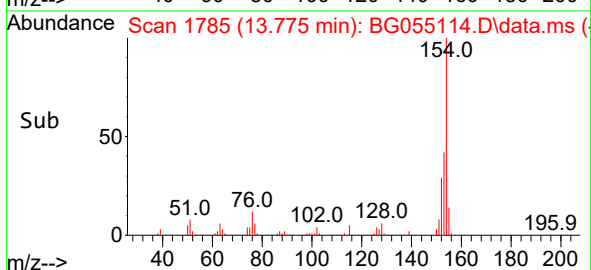
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

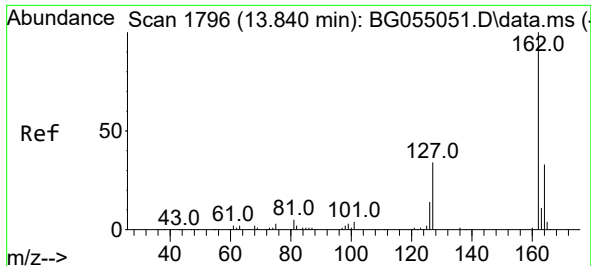


#46
1,1'-Biphenyl
Concen: 48.872 ng
RT: 13.775 min Scan# 1785
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



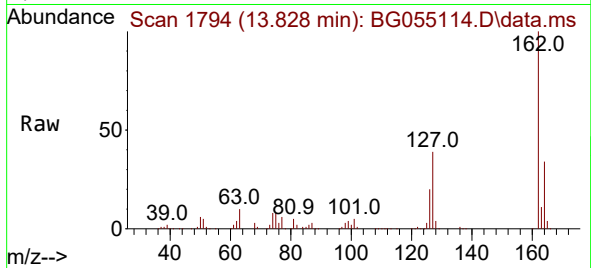
Tgt Ion:154 Resp: 323744
Ion Ratio Lower Upper
154 100
153 42.1 22.0 62.0
76 12.4 0.0 33.3





#47
2-Chloronaphthalene
Concen: 46.953 ng
RT: 13.828 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

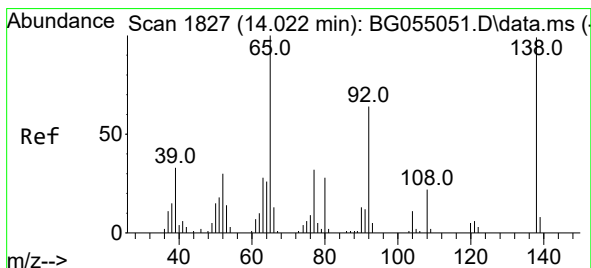
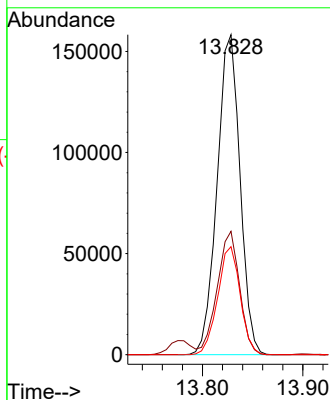
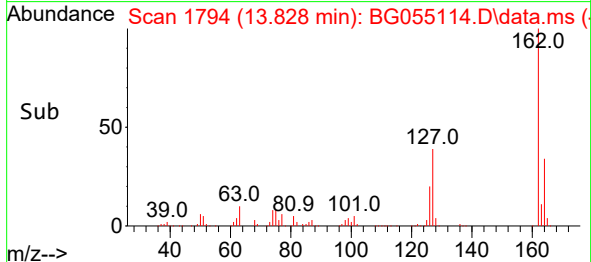
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:162 Resp: 250630
Ion Ratio Lower Upper
162 100
127 38.5 30.7 46.1
164 33.8 26.3 39.5

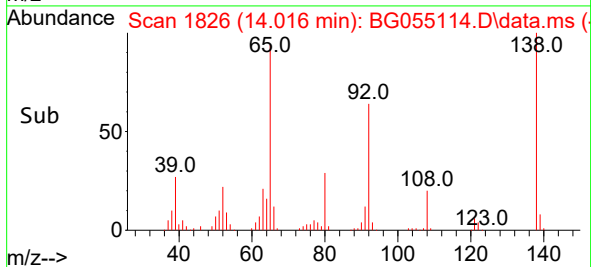
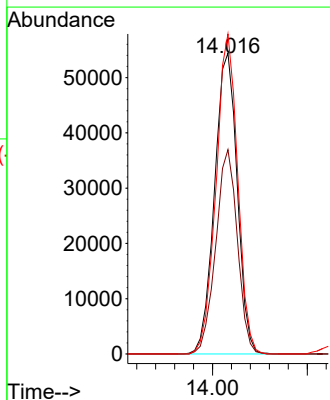
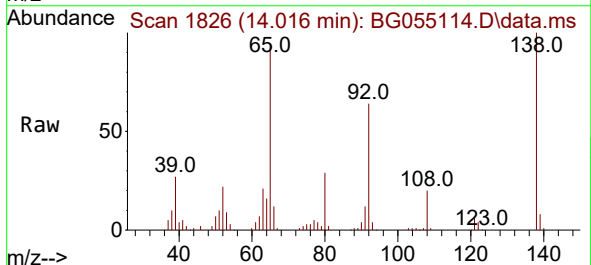
Manual Integrations
APPROVED

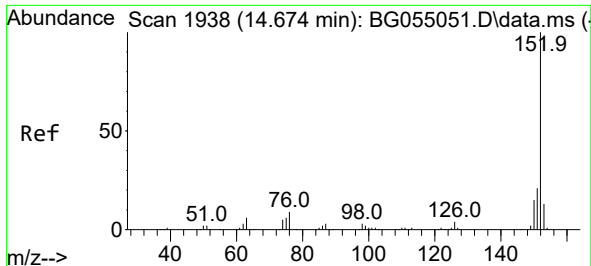
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#48
2-Nitroaniline
Concen: 59.026 ng
RT: 14.016 min Scan# 1826
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

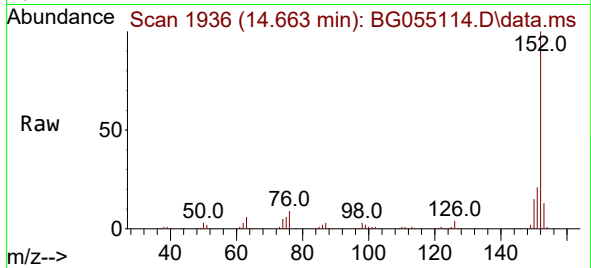
Tgt Ion: 65 Resp: 90194
Ion Ratio Lower Upper
65 100
92 67.9 50.9 76.3
138 106.3 79.5 119.3





#49
Acenaphthylene
Concen: 47.754 ng
RT: 14.663 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

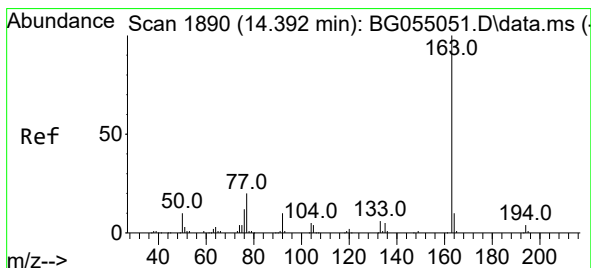
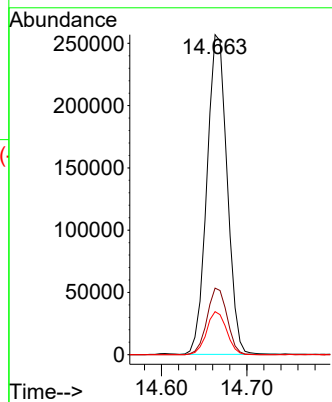
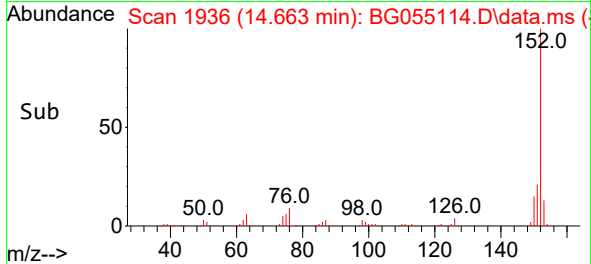
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:152 Resp: 422109
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 13.4 10.7 16.1

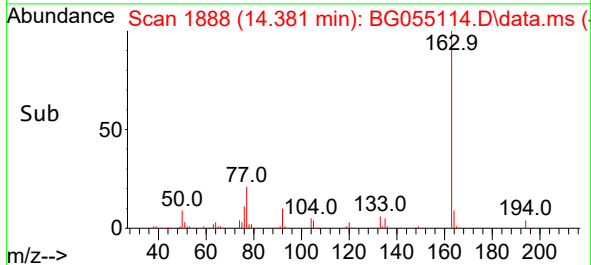
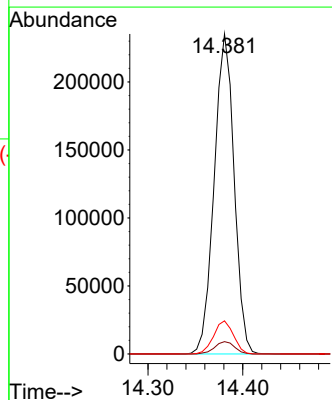
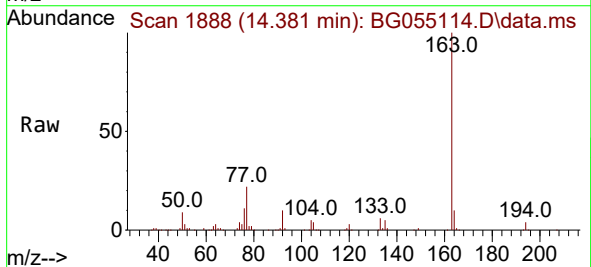
Manual Integrations
APPROVED

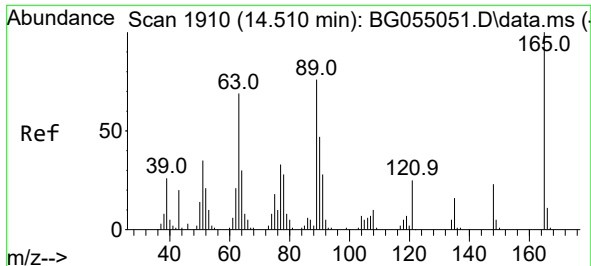
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#50
Dimethylphthalate
Concen: 52.330 ng
RT: 14.381 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion:163 Resp: 343159
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.3 7.9 11.9





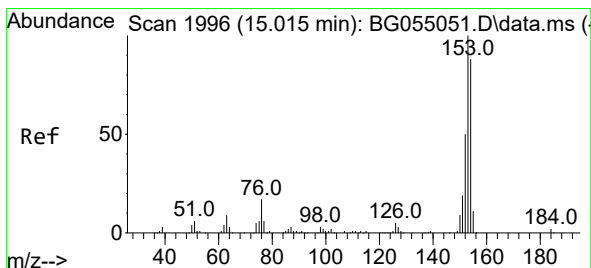
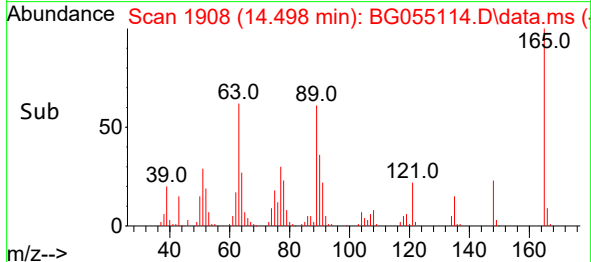
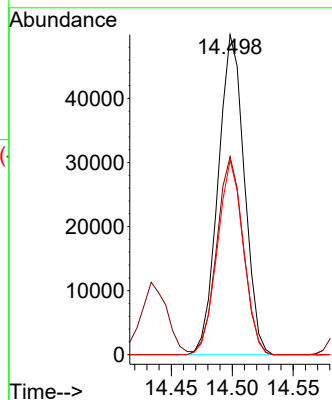
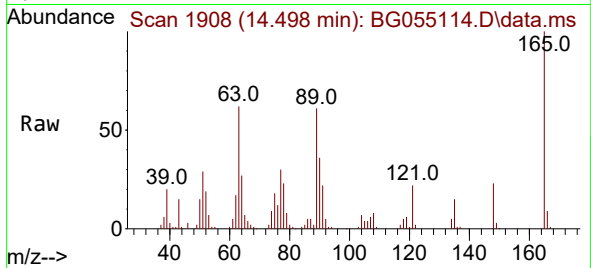
#51
2,6-Dinitrotoluene
Concen: 55.015 ng
RT: 14.498 min Scan# 1910
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion:165 Resp: 74642
Ion Ratio Lower Upper
165 100
63 61.9 56.2 84.4
89 60.9 60.4 90.6

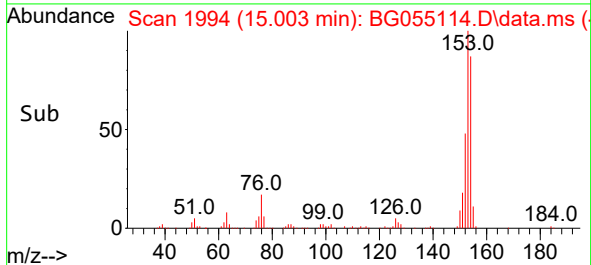
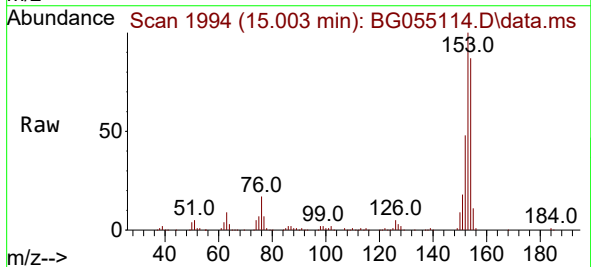
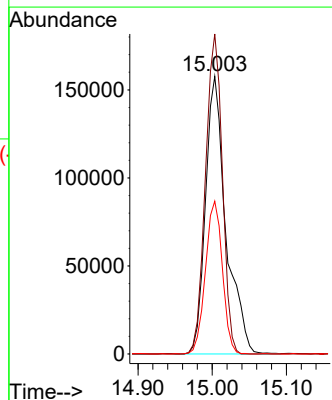
Manual Integrations
APPROVED

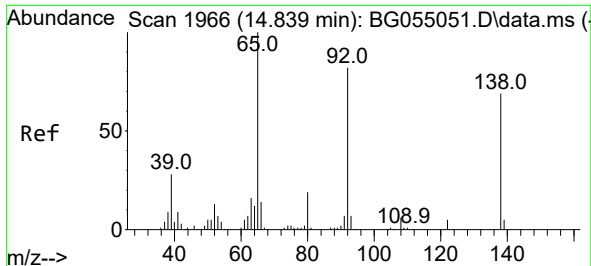
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#52
Acenaphthene
Concen: 55.279 ng
RT: 15.003 min Scan# 1994
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

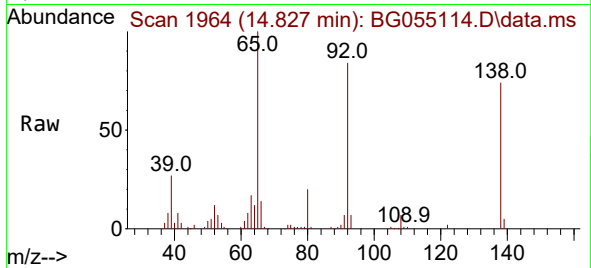
Tgt Ion:154 Resp: 303394
Ion Ratio Lower Upper
154 100
153 115.3 91.4 137.0
152 55.1 45.3 67.9





#53
3-Nitroaniline
Concen: 39.854 ng
RT: 14.827 min Scan# 1964
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

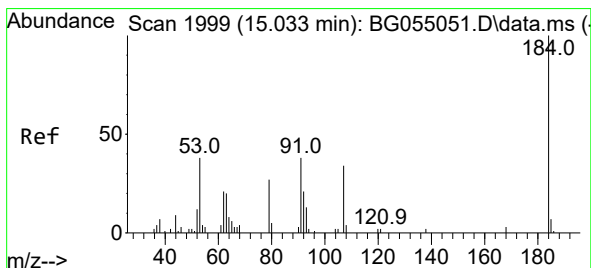
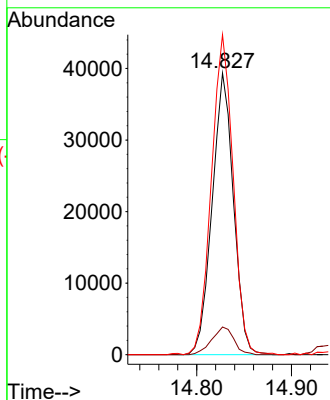
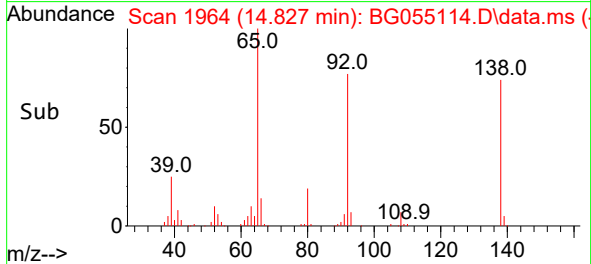
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:138 Resp: 61460
Ion Ratio Lower Upper
138 100
108 9.8 6.9 10.3
92 113.7 94.2 141.4

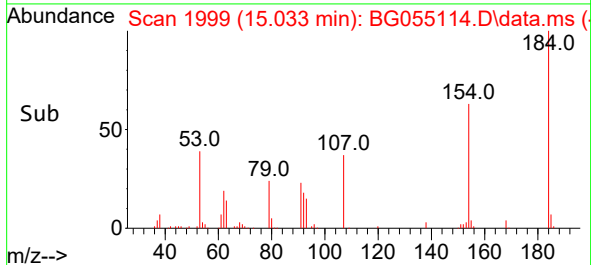
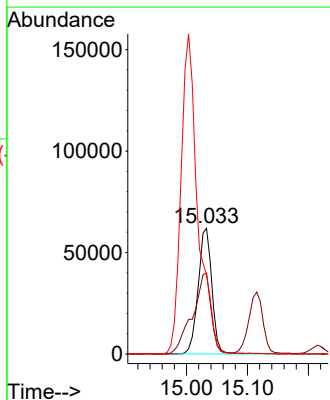
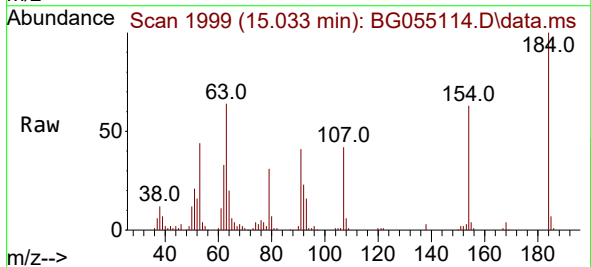
Manual Integrations
APPROVED

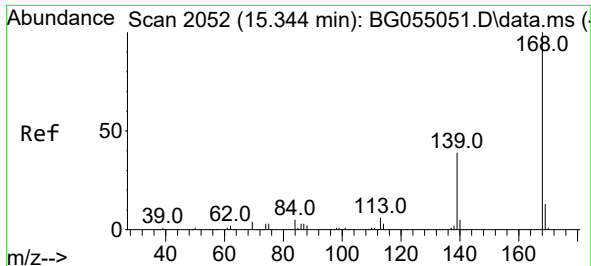
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#54
2,4-Dinitrophenol
Concen: 159.566 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

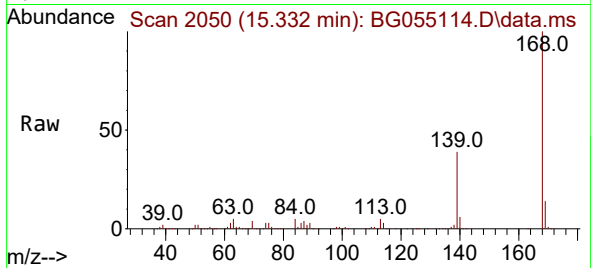
Tgt Ion:184 Resp: 97259
Ion Ratio Lower Upper
184 100
63 64.4 48.6 73.0
154 63.1 128.5 192.7#





#55
Dibenzenofuran
Concen: 48.095 ng
RT: 15.332 min Scan# 2050
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

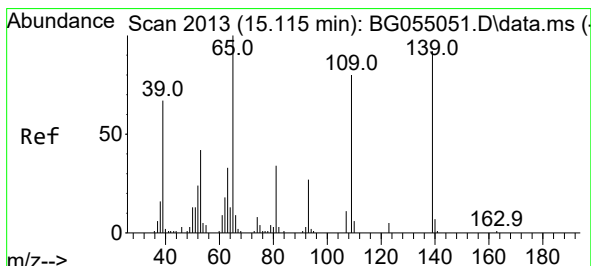
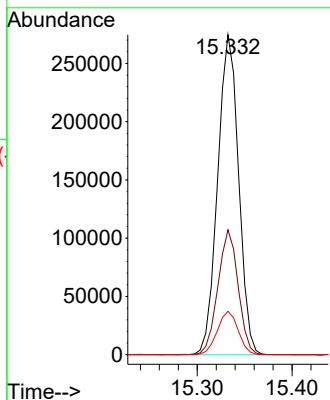
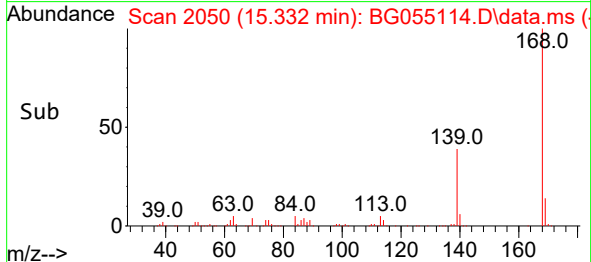
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:168 Resp: 421145
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.4
169 13.5 10.6 16.0

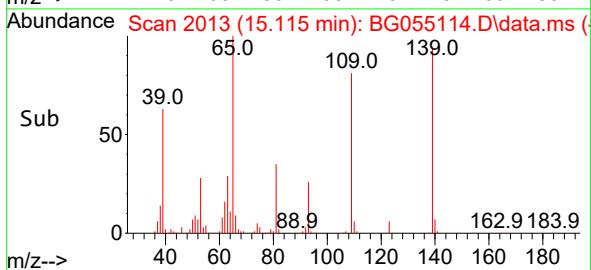
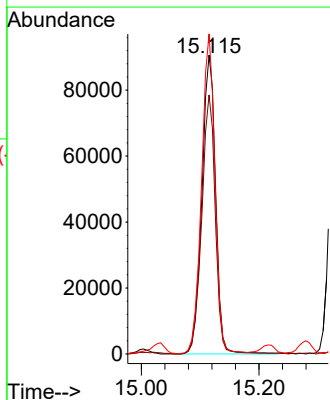
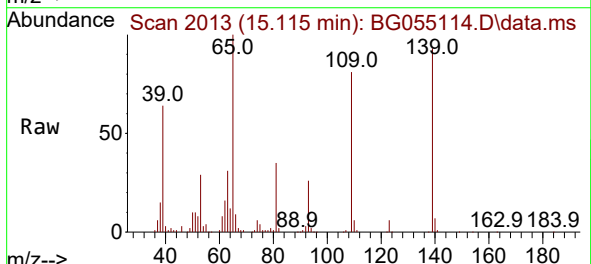
Manual Integrations
APPROVED

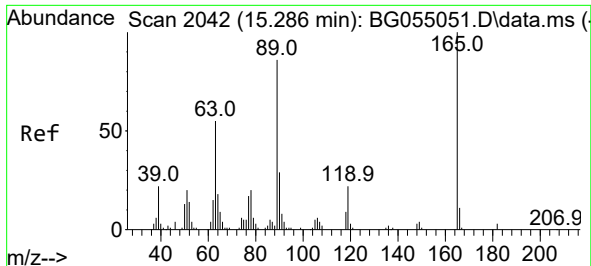
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#56
4-Nitrophenol
Concen: 119.455 ng
RT: 15.115 min Scan# 2013
Delta R.T. 0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

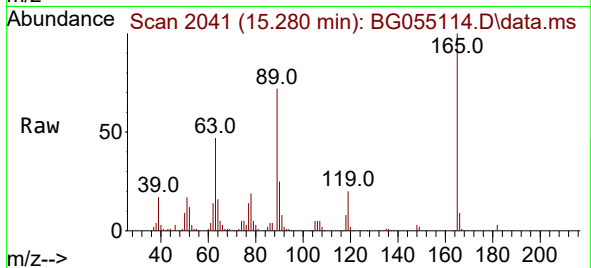
Tgt Ion:139 Resp: 146780
Ion Ratio Lower Upper
139 100
109 86.7 66.6 106.6
65 107.1 88.5 128.5





#57
2,4-Dinitrotoluene
Concen: 58.563 ng
RT: 15.280 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

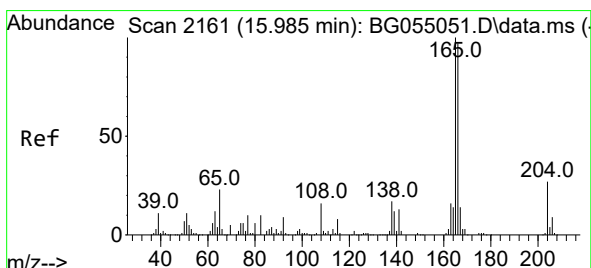
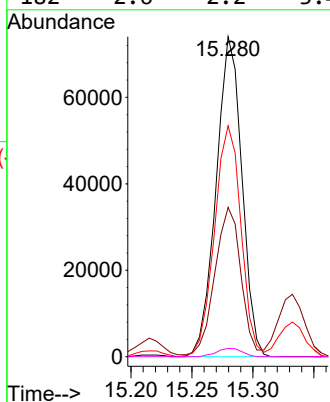
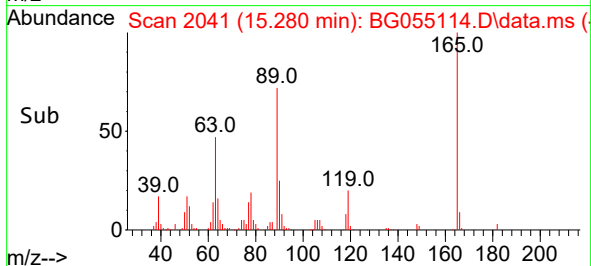
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



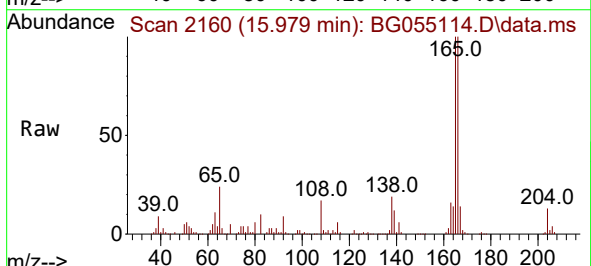
Tgt Ion:165 Resp: 108962
Ion Ratio Lower Upper
165 100
63 46.6 44.2 66.2
89 72.2 69.0 103.6
182 2.6 2.2 3.4

Manual Integrations
APPROVED

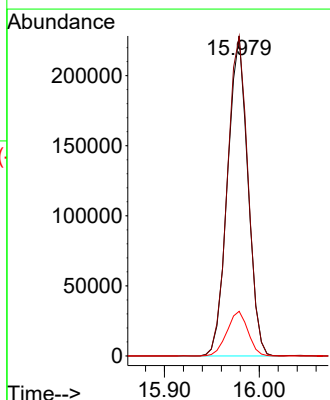
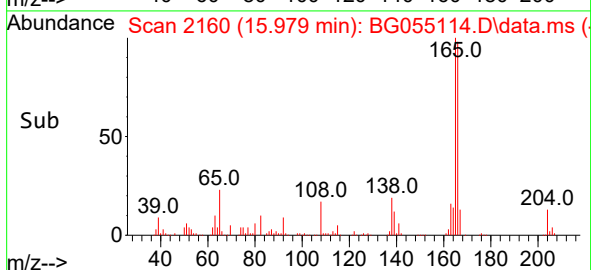
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

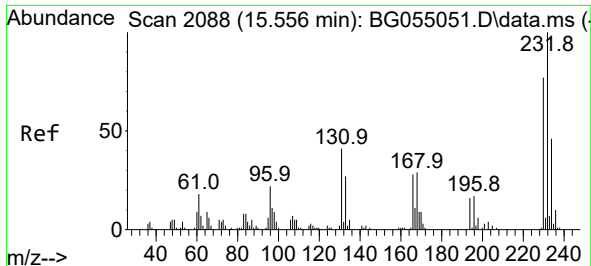


#58
Fluorene
Concen: 48.446 ng
RT: 15.979 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



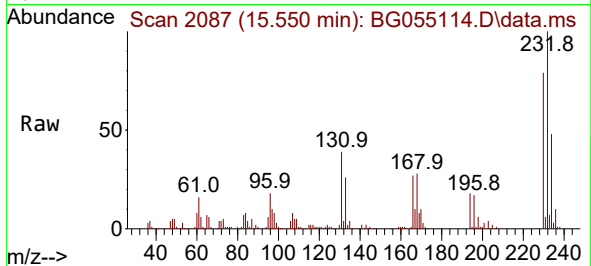
Tgt Ion:166 Resp: 339473
Ion Ratio Lower Upper
166 100
165 99.9 82.6 123.8
167 13.9 11.8 17.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.760 ng
RT: 15.550 min Scan# 2088
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

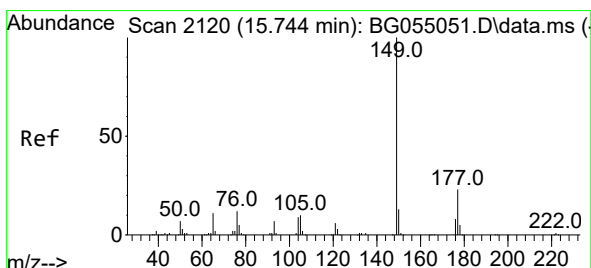
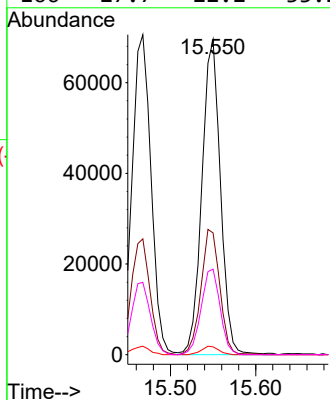
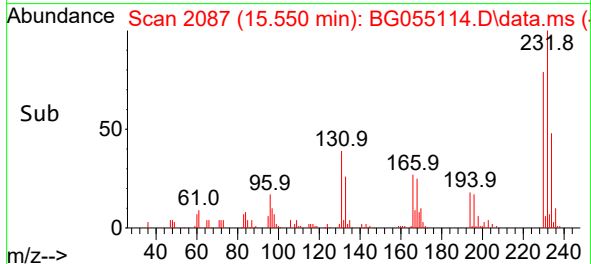
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



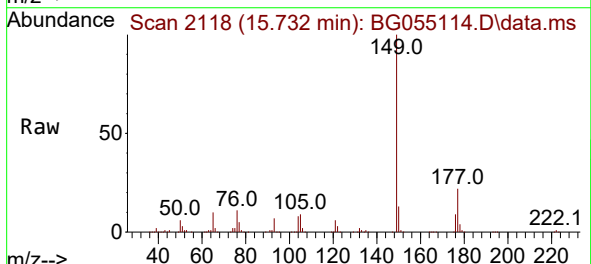
Tgt Ion:232 Resp: 105144
Ion Ratio Lower Upper
232 100
131 40.3 32.7 49.1
130 2.5 1.8 2.6
166 27.7 22.2 33.2

Manual Integrations
APPROVED

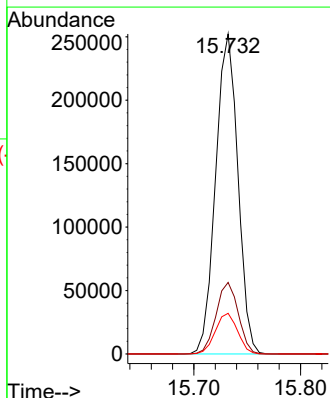
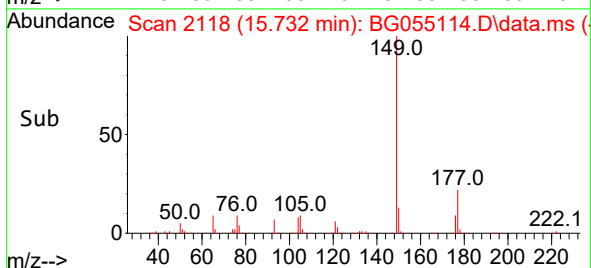
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

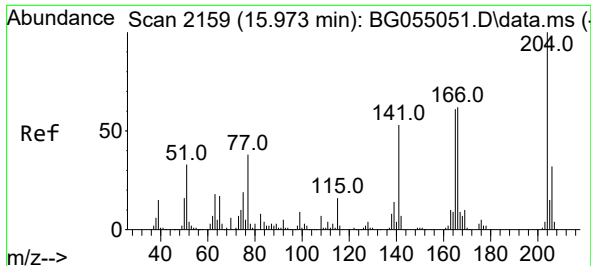


#60
Diethylphthalate
Concen: 53.892 ng
RT: 15.732 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



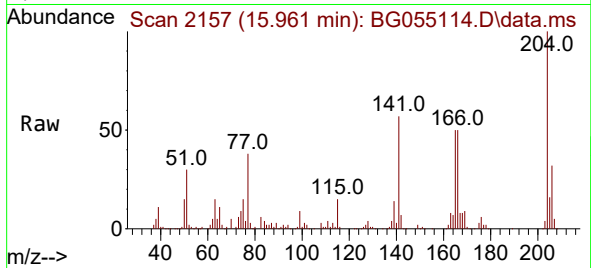
Tgt Ion:149 Resp: 364646
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.534 ng
RT: 15.961 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

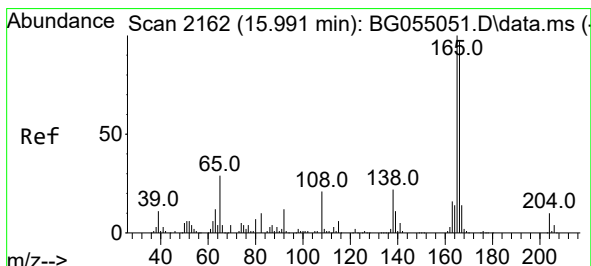
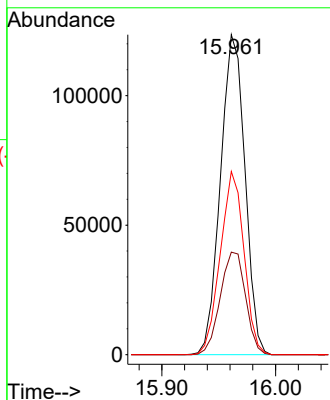
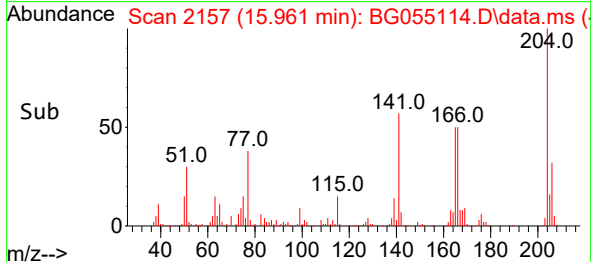
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



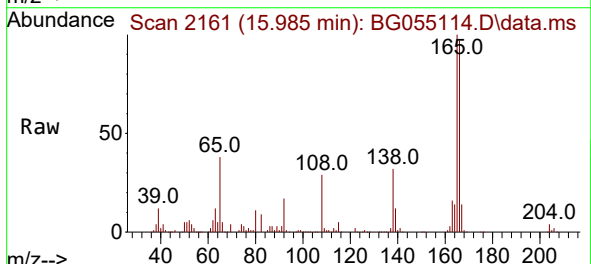
Tgt Ion:204 Resp: 184860
Ion Ratio Lower Upper
204 100
206 32.1 25.5 38.3
141 57.2 42.3 63.5

Manual Integrations
APPROVED

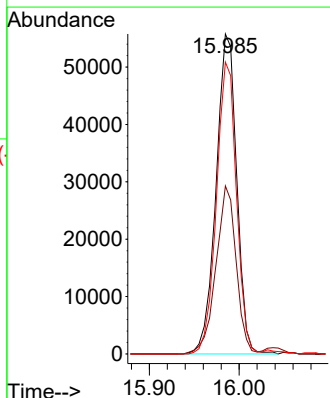
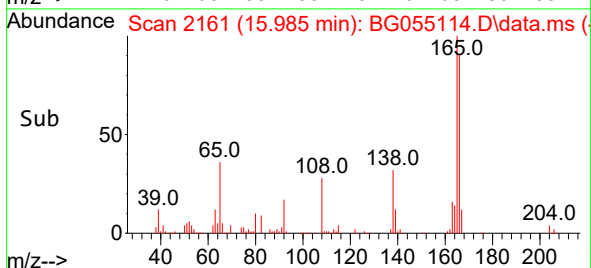
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

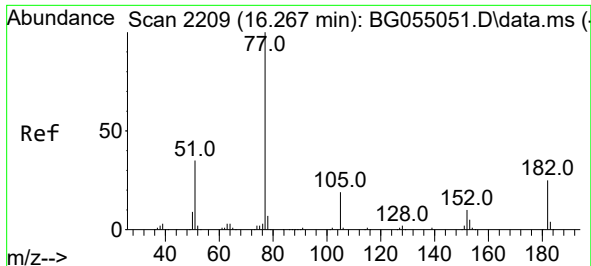


#62
4-Nitroaniline
Concen: 56.331 ng
RT: 15.985 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



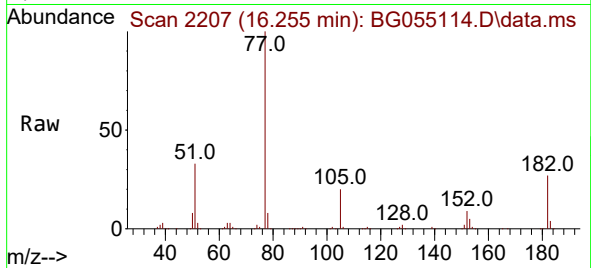
Tgt Ion:138 Resp: 88863
Ion Ratio Lower Upper
138 100
92 52.5 35.3 75.3
108 91.2 72.0 112.0





#63
Azobenzene
Concen: 43.628 ng
RT: 16.255 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

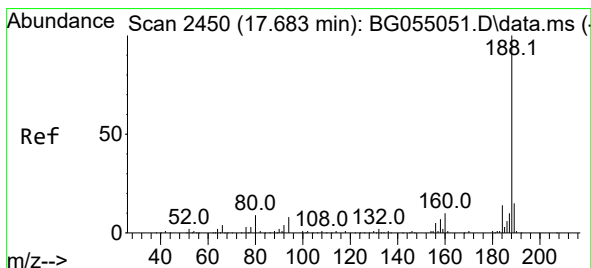
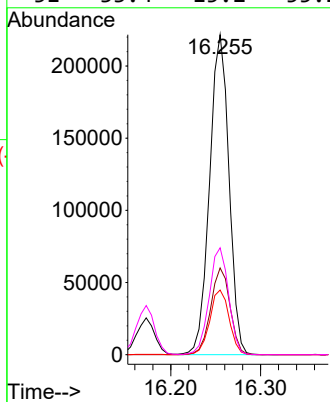
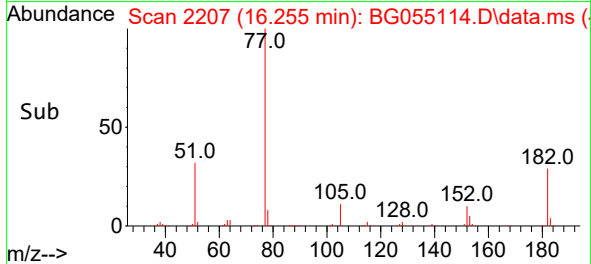
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



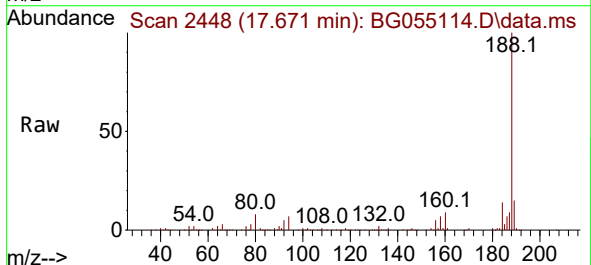
Tgt Ion: 77 Resp: 332478
Ion Ratio Lower Upper
77 100
182 27.1 4.8 44.8
105 20.2 0.0 38.8
51 33.4 15.2 55.2

Manual Integrations
APPROVED

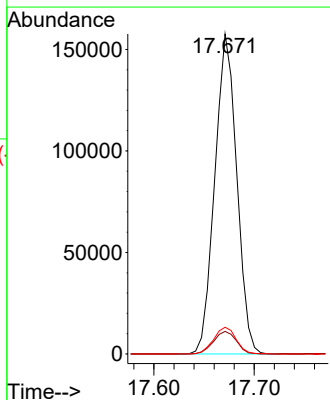
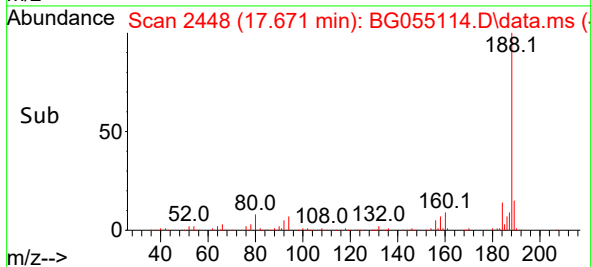
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

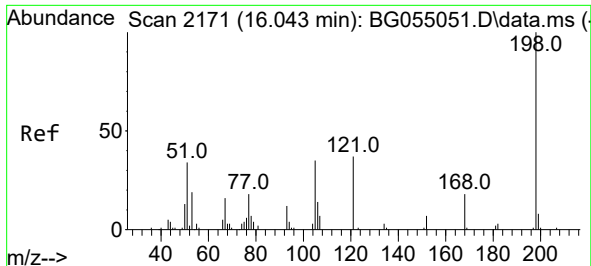


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



Tgt Ion:188 Resp: 238967
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.4 7.2 10.8





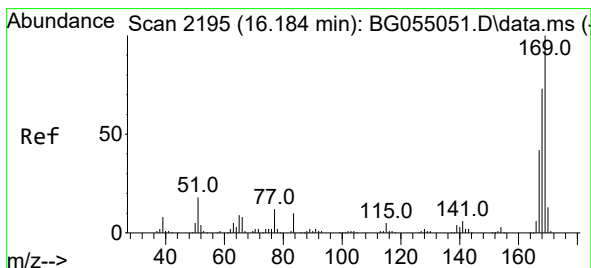
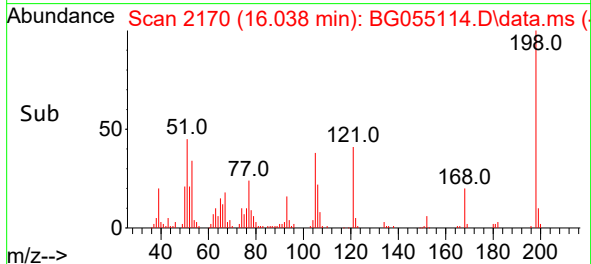
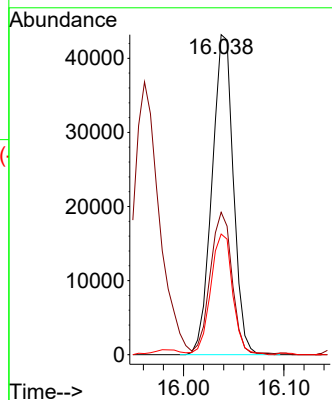
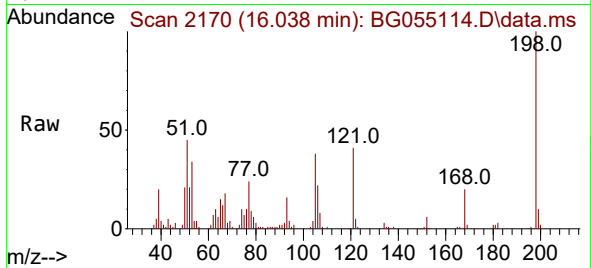
#65
4,6-Dinitro-2-methylphenol
Concen: 71.952 ng
RT: 16.038 min Scan# 2170
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD

Tgt Ion:198 Resp: 64089
Ion Ratio Lower Upper
198 100
51 44.5 19.4 59.4
105 37.7 16.2 56.2

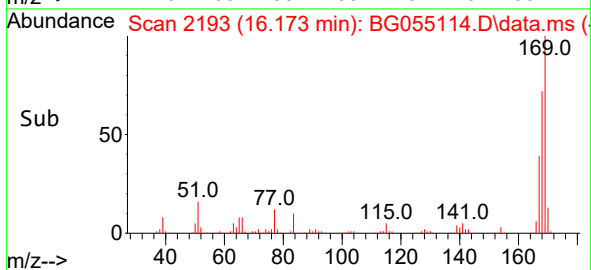
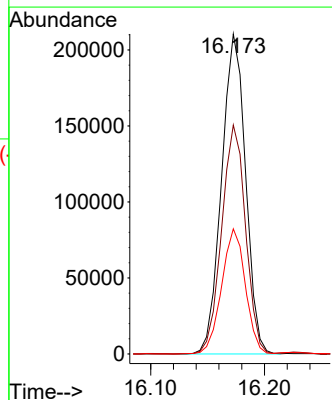
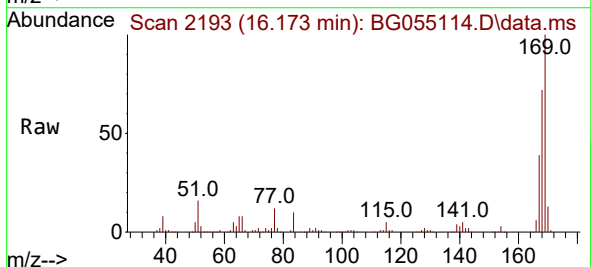
Manual Integrations
APPROVED

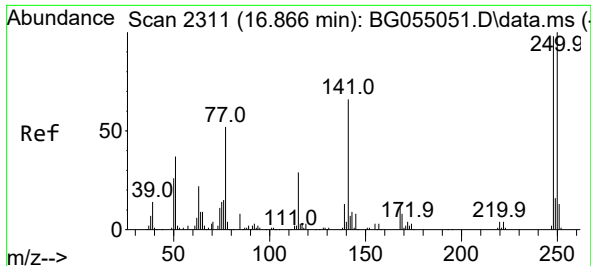
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#66
n-Nitrosodiphenylamine
Concen: 49.558 ng
RT: 16.173 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

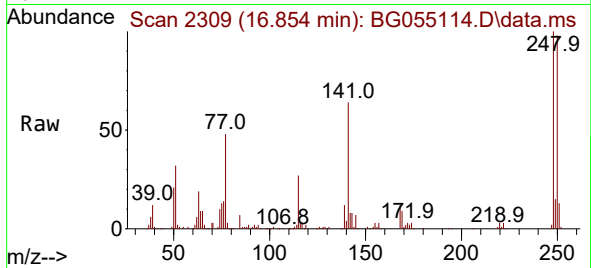
Tgt Ion:169 Resp: 308423
Ion Ratio Lower Upper
169 100
168 71.5 58.4 87.6
167 39.1 33.7 50.5





#67
4-Bromophenyl-phenylether
Concen: 50.933 ng
RT: 16.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

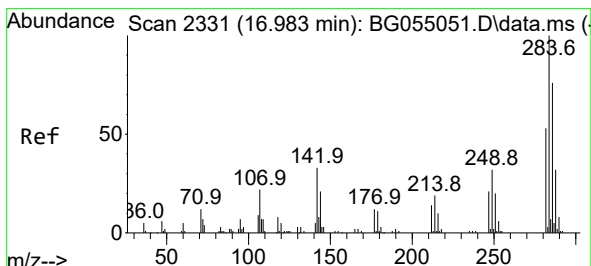
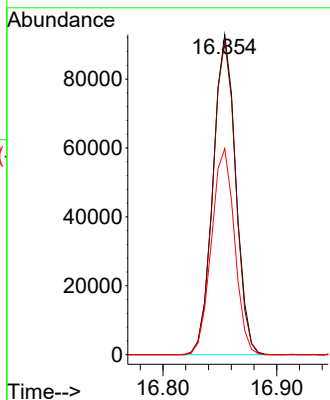
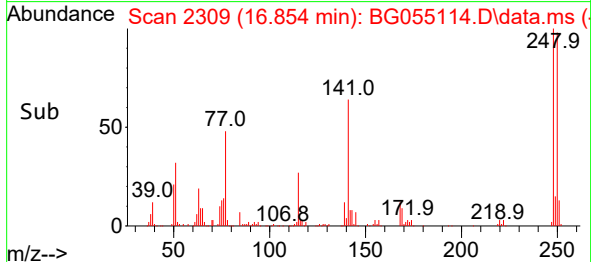
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



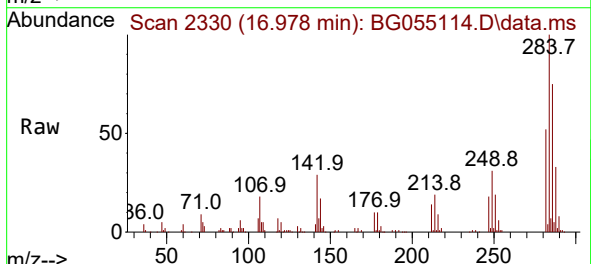
Tgt Ion:248 Resp: 12872
Ion Ratio Lower Upper
248 100
250 98.1 81.7 122.5
141 64.4 53.7 80.5

Manual Integrations
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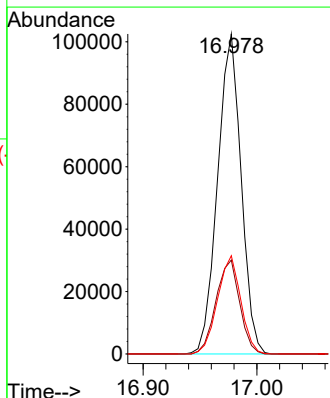
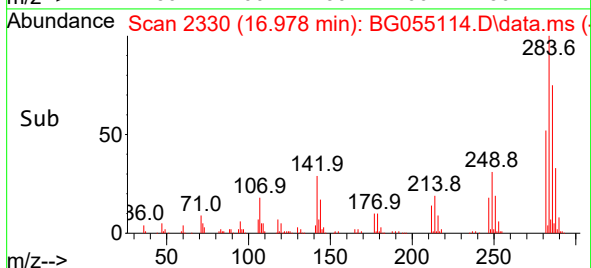
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

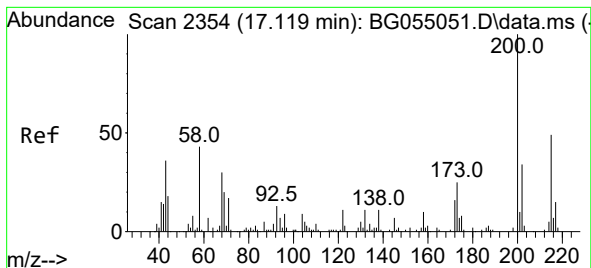


#68
Hexachlorobenzene
Concen: 50.417 ng
RT: 16.978 min Scan# 2330
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



Tgt Ion:284 Resp: 147315
Ion Ratio Lower Upper
284 100
142 29.4 26.2 39.2
249 30.7 25.2 37.8





#69

Atrazine

Concen: 66.076 ng

RT: 17.107 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(5-10)MSD

Tgt Ion:200 Resp: 133970

Ion Ratio Lower Upper

200 100

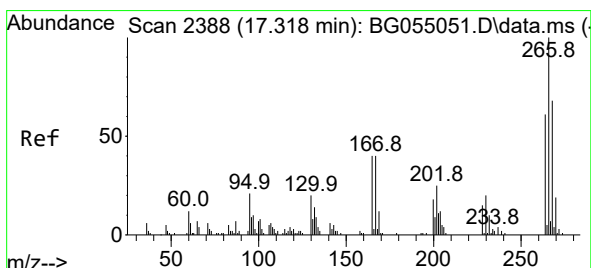
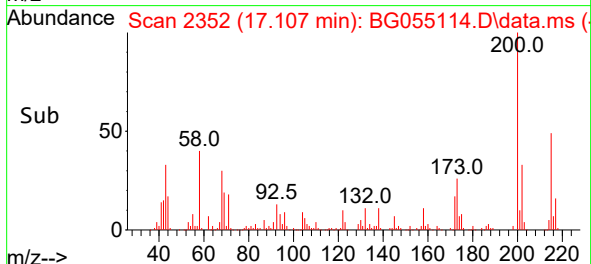
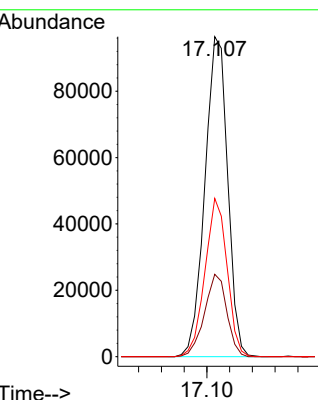
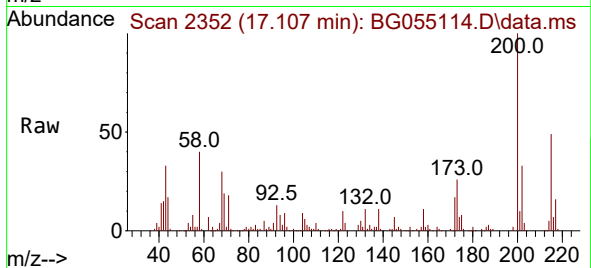
173 25.7 5.3 45.3

215 49.5 29.1 69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#70

Pentachlorophenol

Concen: 110.694 ng

RT: 17.313 min Scan# 2387

Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

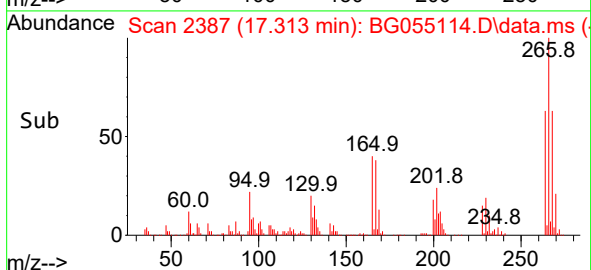
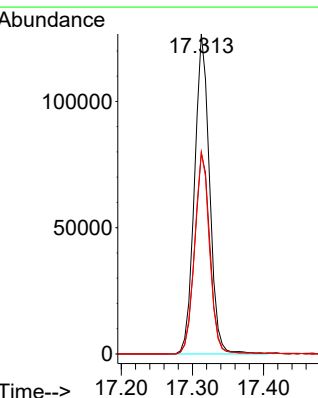
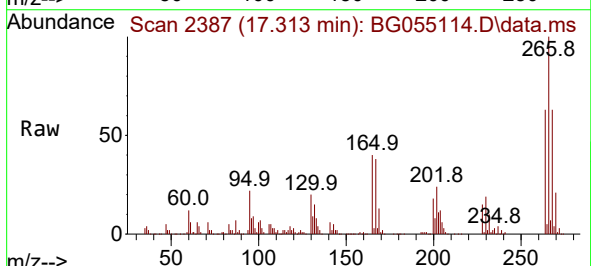
Tgt Ion:266 Resp: 186897

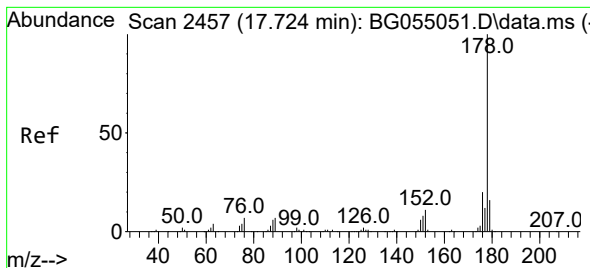
Ion Ratio Lower Upper

266 100

268 62.8 54.0 81.0

264 63.1 48.6 73.0





#71

Phenanthrene

Concen: 54.057 ng

RT: 17.712 min Scan# 2455

Delta R.T. -0.009 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

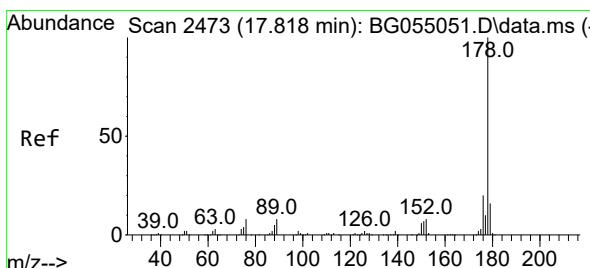
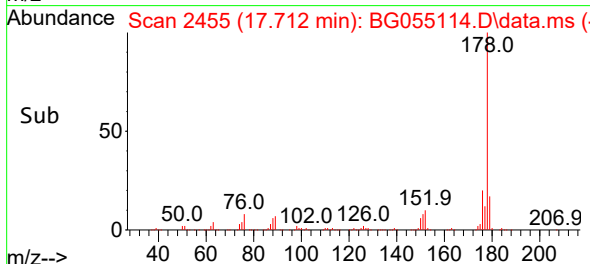
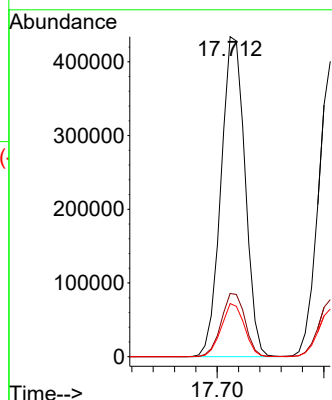
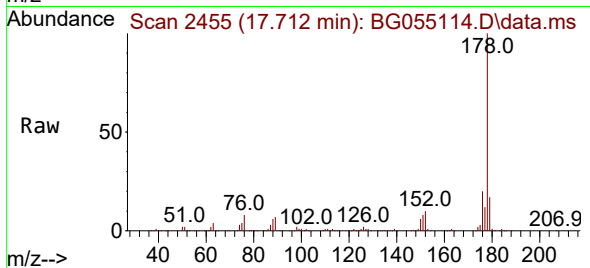
SASP2-T-3-(5-10)MSD

Tgt Ion:178 Resp: 67855
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 16.6 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
 Supervised By :mohammad ahmed 10/17/2022



#72

Anthracene

Concen: 50.105 ng

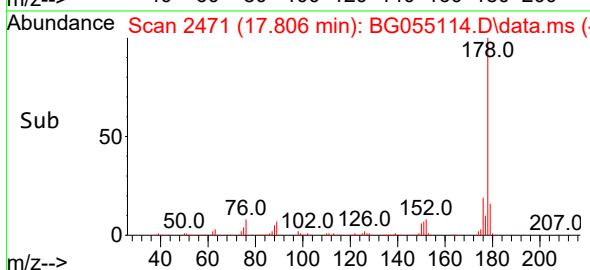
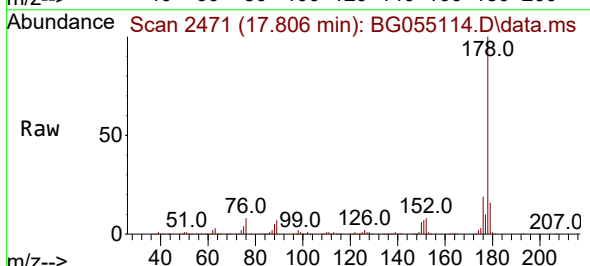
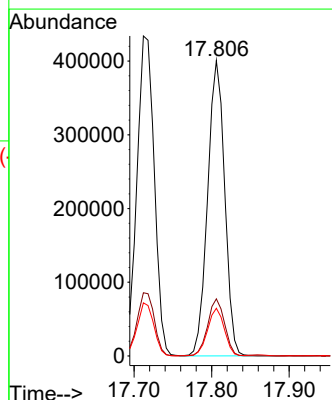
RT: 17.806 min Scan# 2471

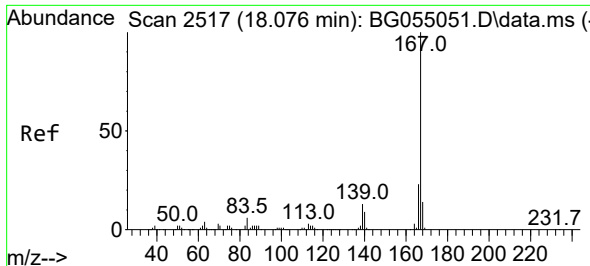
Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

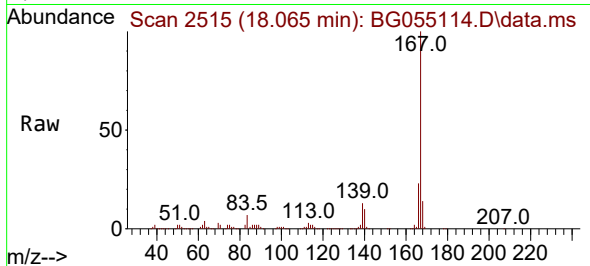
Tgt Ion:178 Resp: 611711
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 16.2 12.5 18.7





#73
Carbazole
Concen: 51.513 ng
RT: 18.065 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

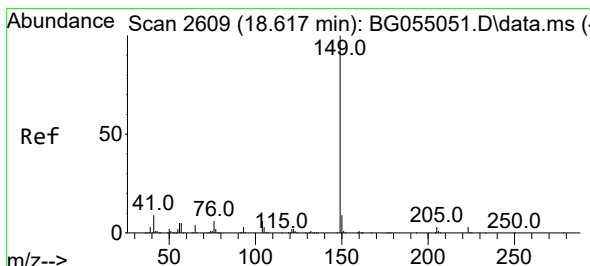
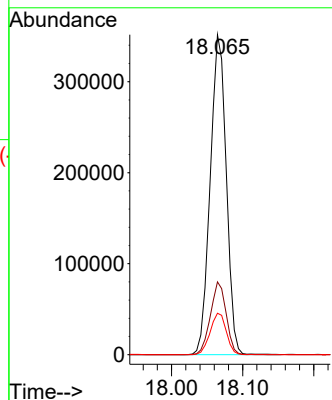
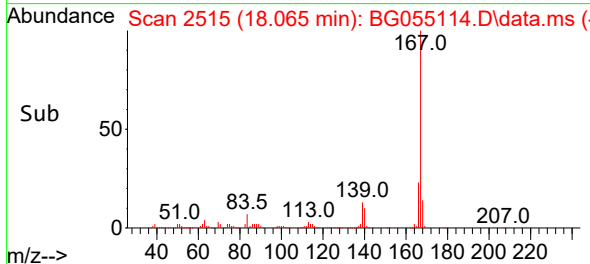
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



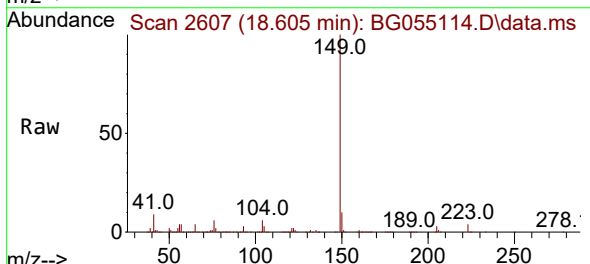
Tgt Ion:167 Resp: 552009
Ion Ratio Lower Upper
167 100
166 22.8 18.2 27.2
139 13.0 10.2 15.4

Manual Integrations
APPROVED

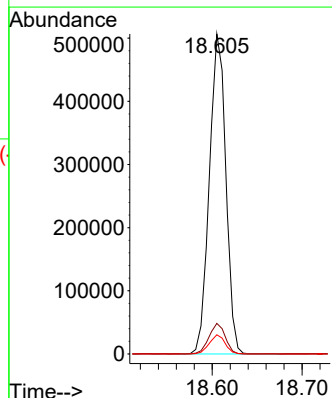
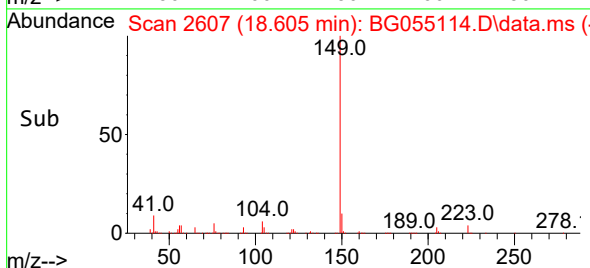
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

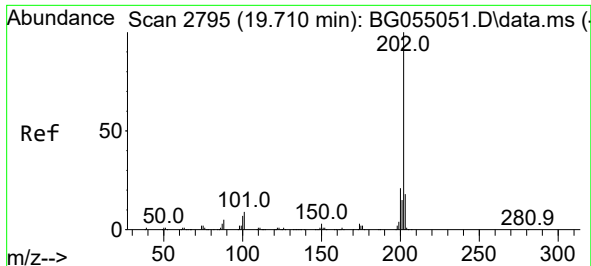


#74
Di-n-butylphthalate
Concen: 57.783 ng
RT: 18.605 min Scan# 2607
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



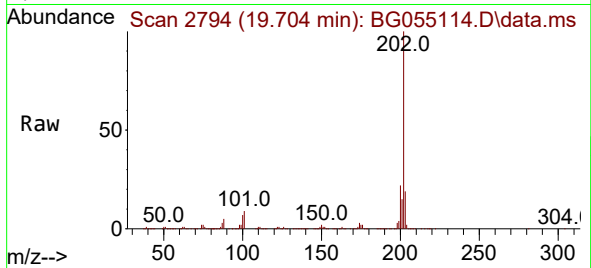
Tgt Ion:149 Resp: 646384
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 6.0 4.8 7.2





#75
Fluoranthene
Concen: 66.494 ng
RT: 19.704 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

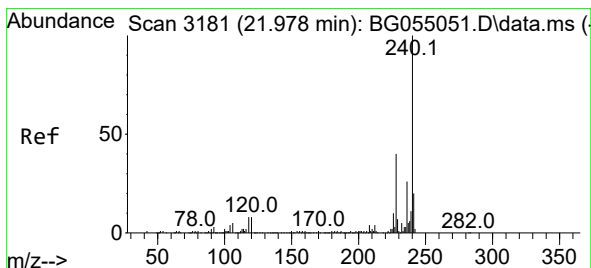
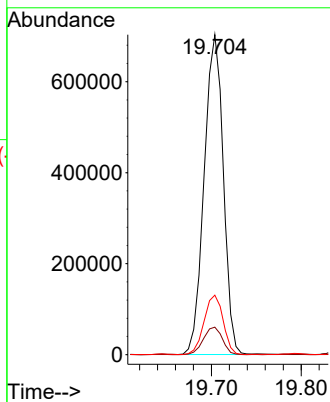
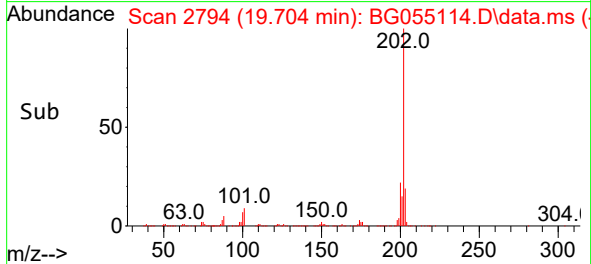
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:202 Resp: 1041280
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.9
203 18.6 0.0 37.7

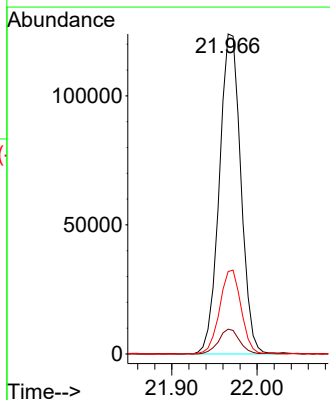
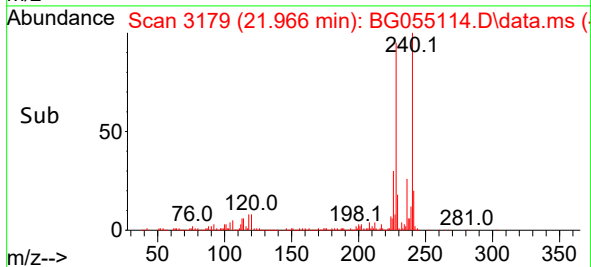
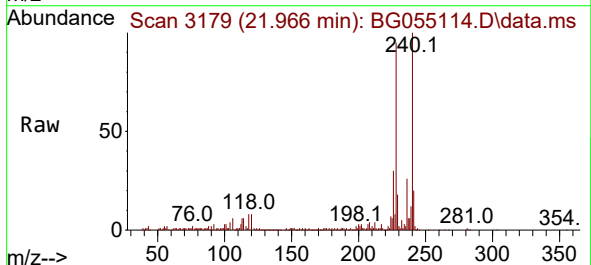
Manual Integrations
APPROVED

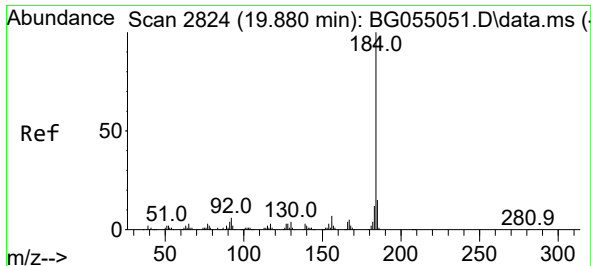
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

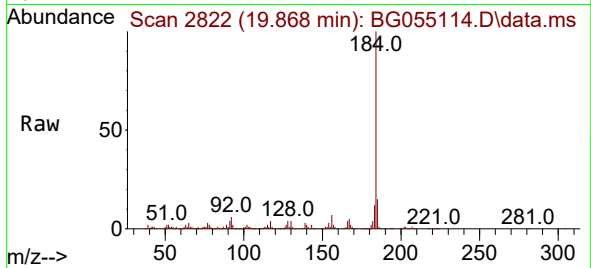
Tgt Ion:240 Resp: 217766
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 25.8 20.6 30.8





#77
Benzidine
Concen: 80.032 ng
RT: 19.868 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

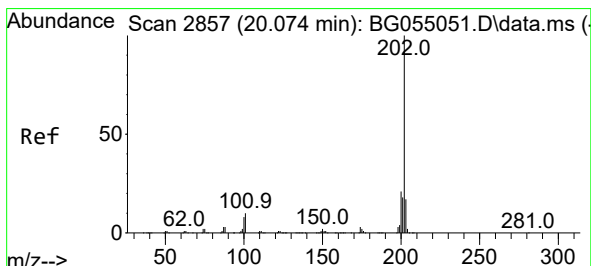
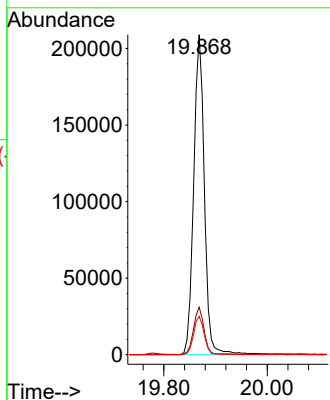
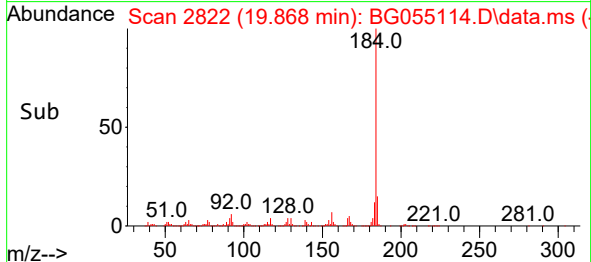
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:184 Resp: 300239
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 12.0 9.4 14.0

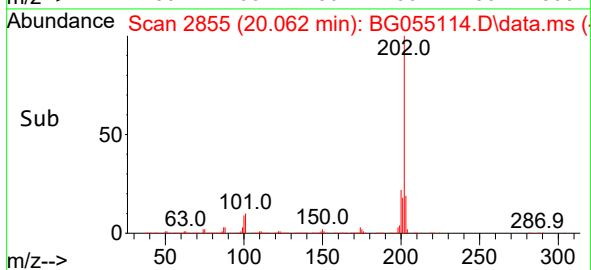
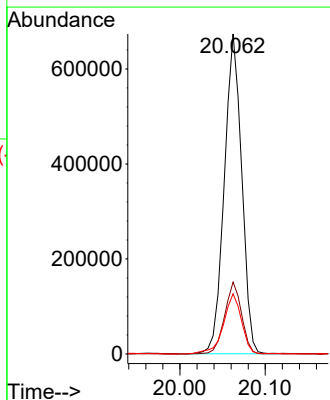
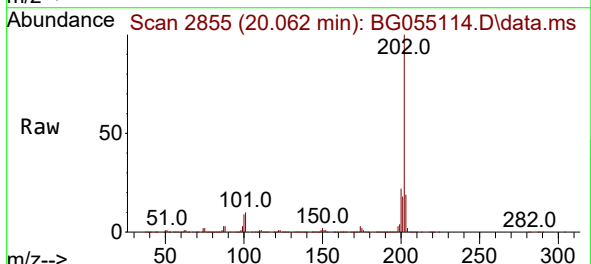
Manual Integrations
APPROVED

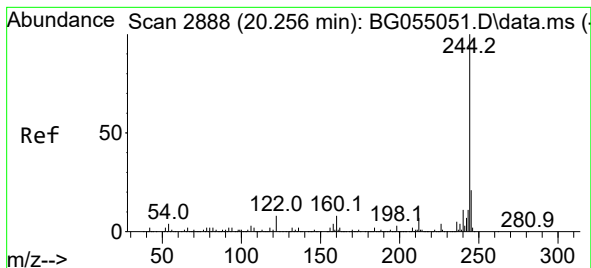
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#78
Pyrene
Concen: 66.008 ng
RT: 20.062 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion:202 Resp: 955801
Ion Ratio Lower Upper
202 100
200 22.4 16.6 25.0
203 18.8 14.0 21.0





#79

Terphenyl-d14

Concen: 82.107 ng

RT: 20.244 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG055114.D

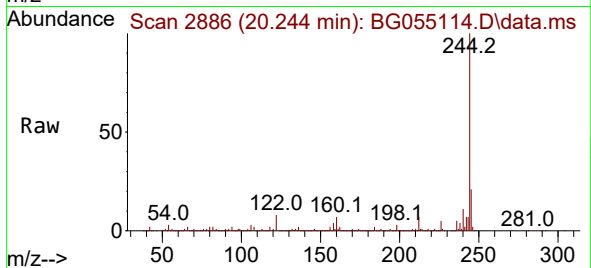
Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(5-10)MSD



Tgt Ion:244 Resp: 884630

Ion Ratio Lower Upper

244 100

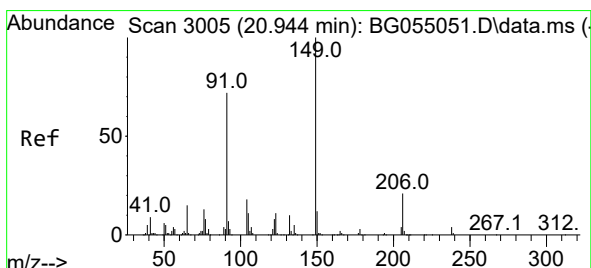
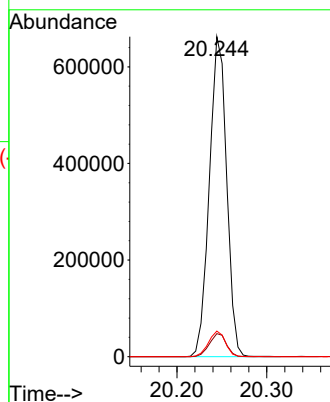
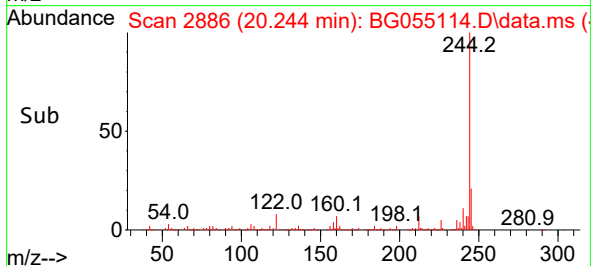
212 7.2 6.0 9.0

122 8.0 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#80

Butylbenzylphthalate

Concen: 58.542 ng

RT: 20.926 min Scan# 3002

Delta R.T. -0.009 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

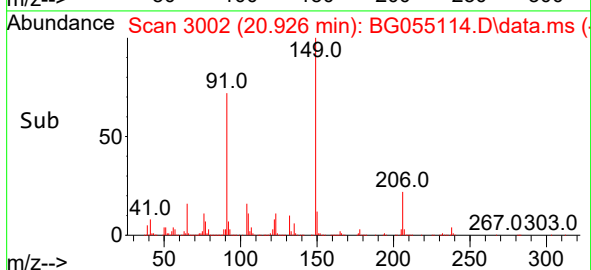
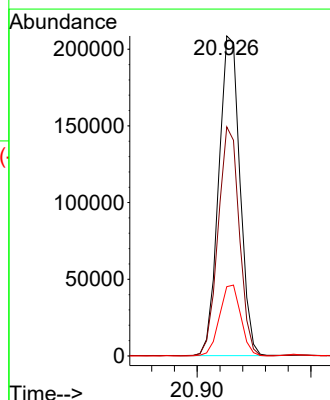
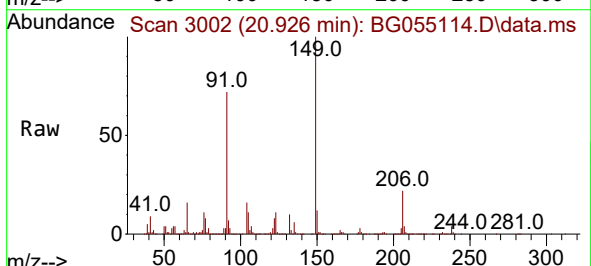
Tgt Ion:149 Resp: 270778

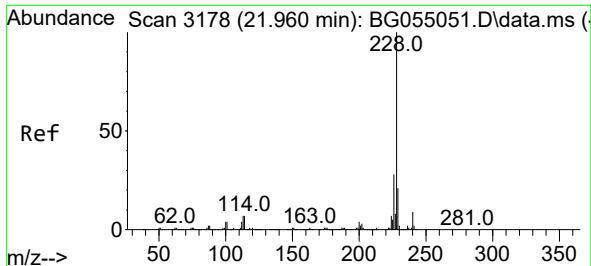
Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.8

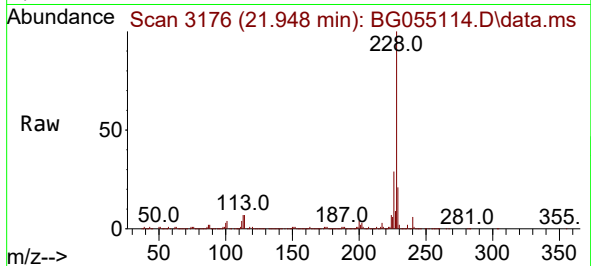
206 21.7 16.9 25.3





#81
Benzo(a)anthracene
Concen: 60.532 ng
RT: 21.948 min Scan# 3178
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

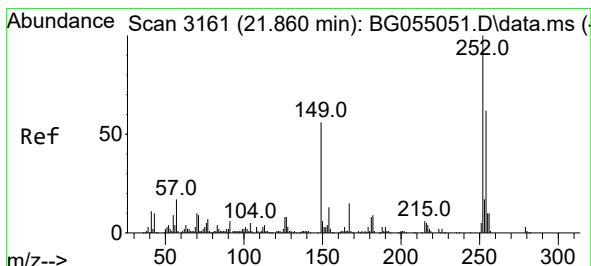
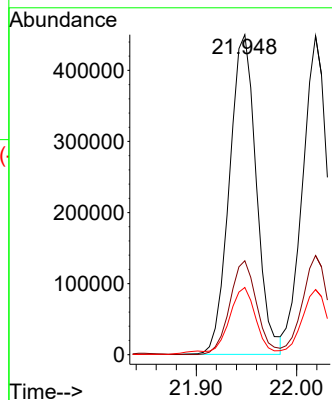
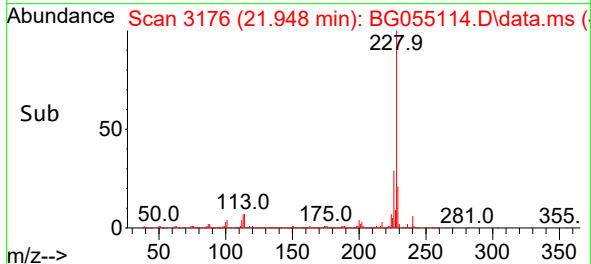
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:228 Resp: 83738
Ion Ratio Lower Upper
228 100
226 29.4 22.4 33.6
229 21.0 16.7 25.1

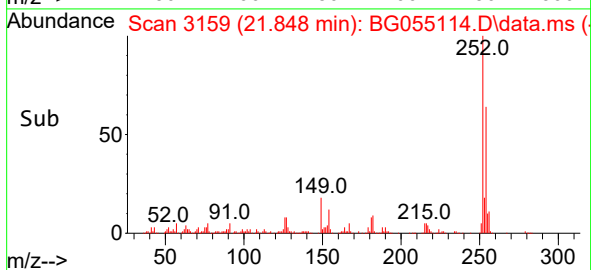
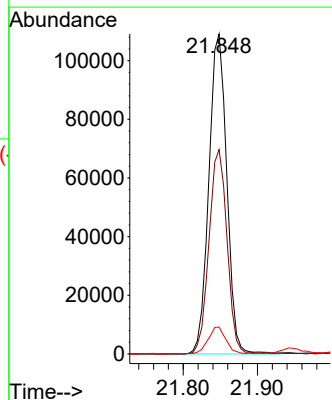
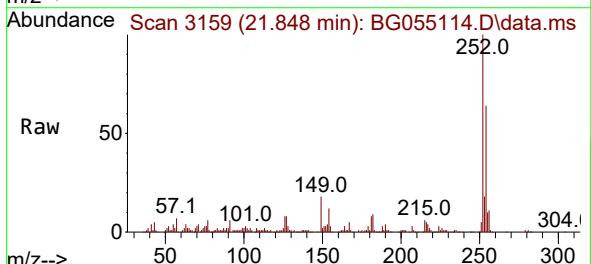
Manual Integrations
APPROVED

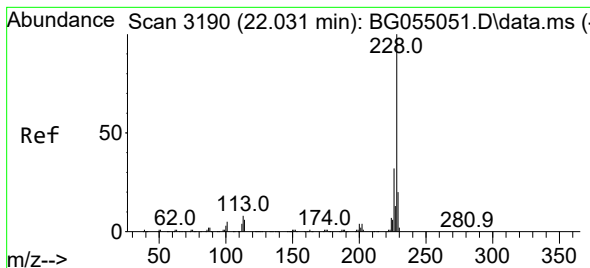
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 45.570 ng
RT: 21.848 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

Tgt Ion:252 Resp: 183261
Ion Ratio Lower Upper
252 100
254 63.9 49.8 74.8
126 8.4 6.3 9.5





#83

Chrysene

Concen: 57.092 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(5-10)MSD

Tgt Ion:228 Resp: 76120

Ion Ratio Lower Upper

228 100

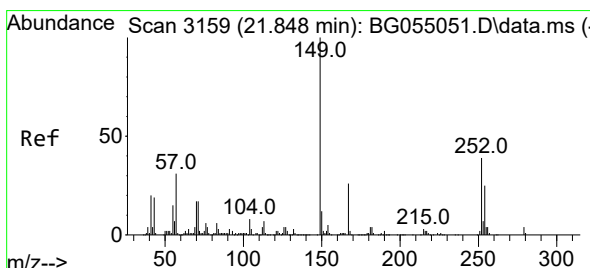
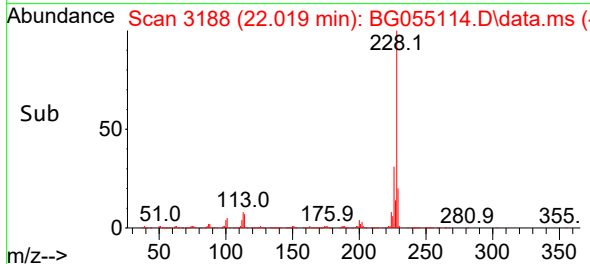
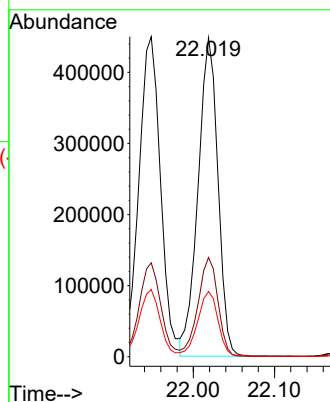
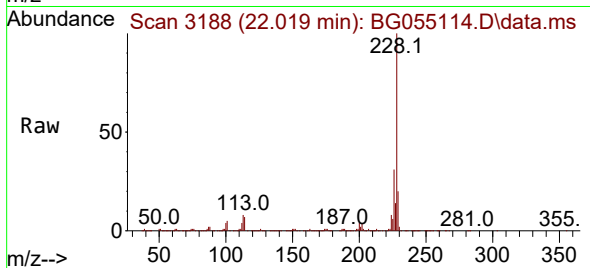
226 31.1 25.3 37.9

229 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.838 ng

RT: 21.825 min Scan# 3155

Delta R.T. -0.009 min

Lab File: BG055114.D

Acq: 10 Oct 2022 15:59

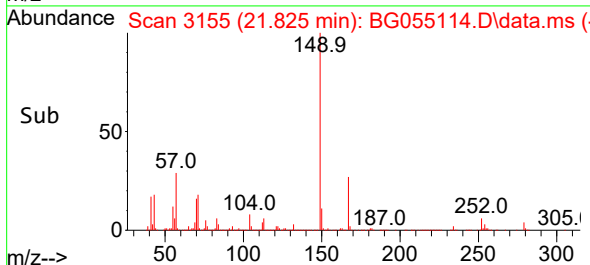
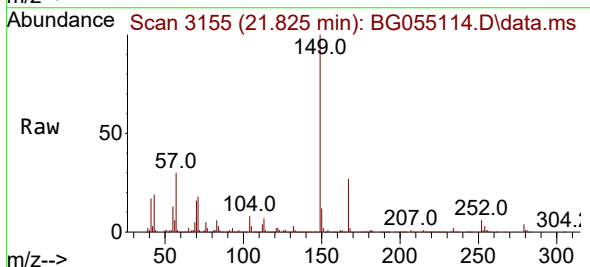
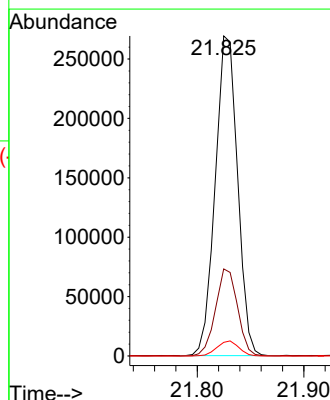
Tgt Ion:149 Resp: 390908

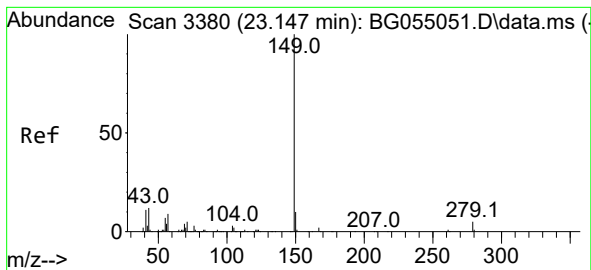
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

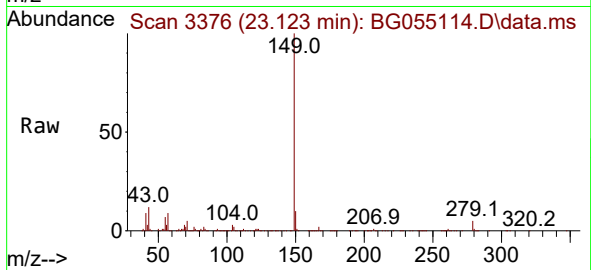
279 4.3 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 56.323 ng
RT: 23.123 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

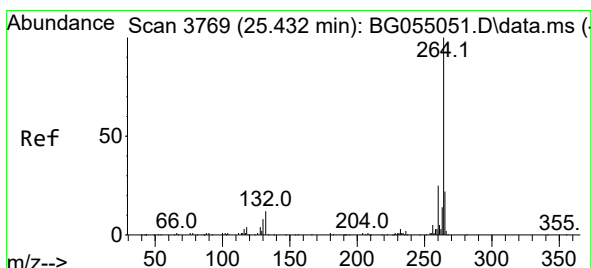
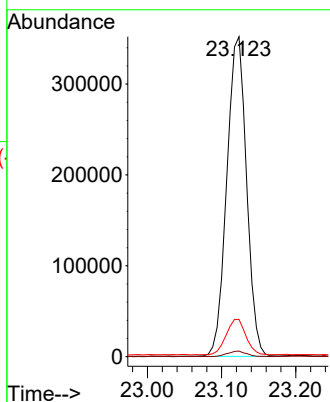
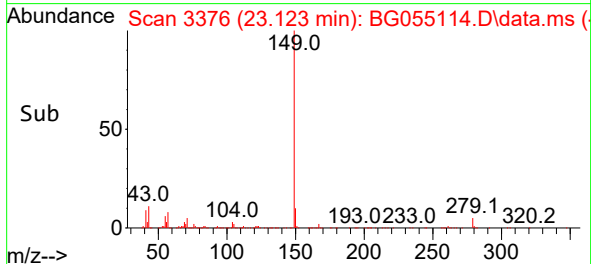
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:149 Resp: 650290
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 10.2 15.4

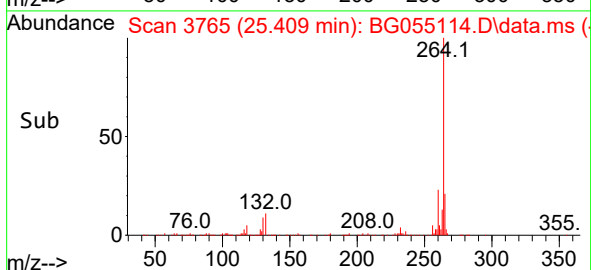
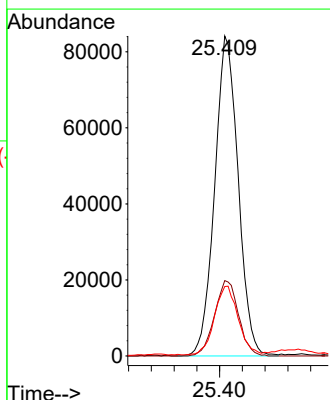
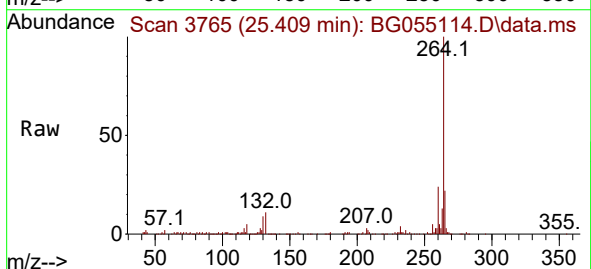
Manual Integrations
APPROVED

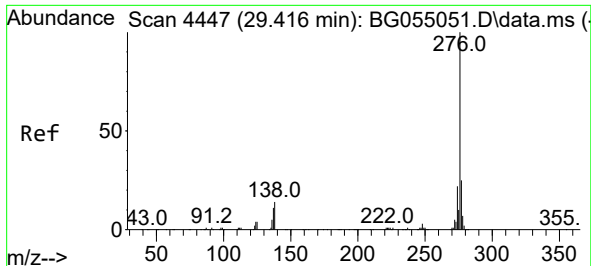
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 3765
Delta R.T. -0.009 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

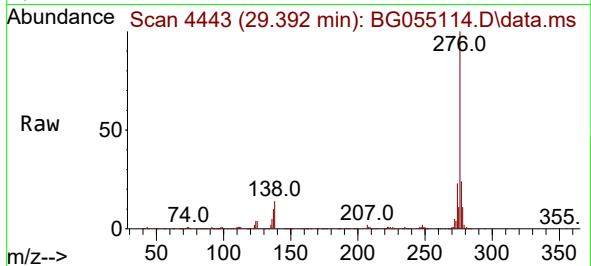
Tgt Ion:264 Resp: 241430
Ion Ratio Lower Upper
264 100
260 23.5 19.7 29.5
265 21.7 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.441 ng
RT: 29.392 min Scan# 4443
Delta R.T. 0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

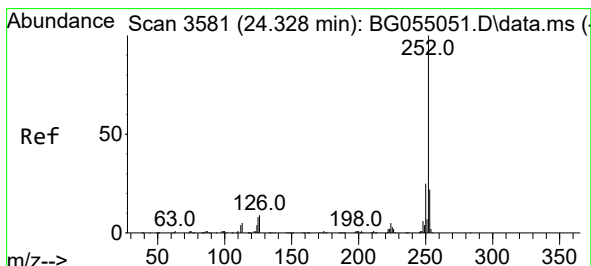
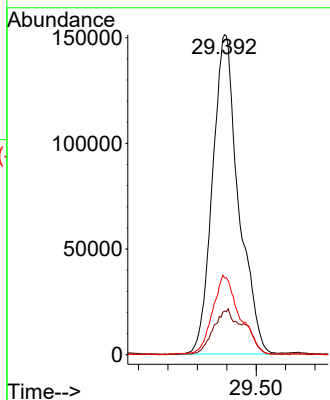
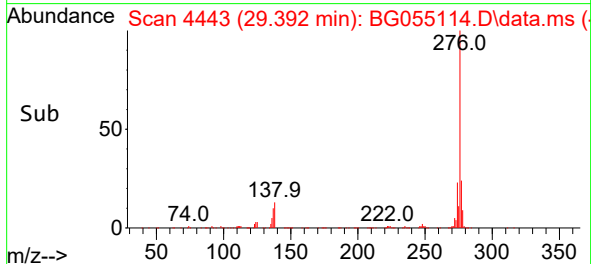
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:276 Resp: 931109
Ion Ratio Lower Upper
276 100
138 13.1 10.0 15.0
277 25.5 20.0 30.0

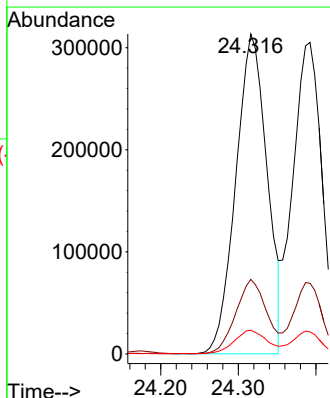
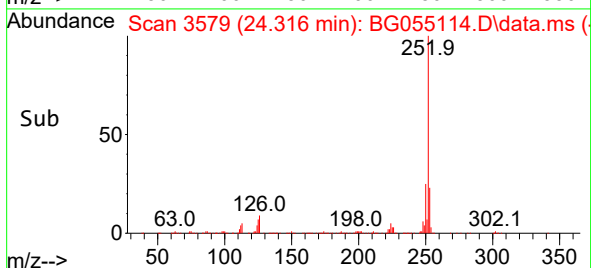
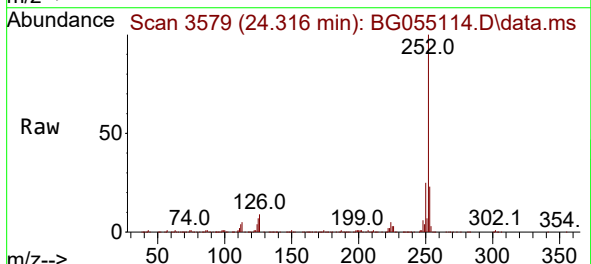
Manual Integrations
APPROVED

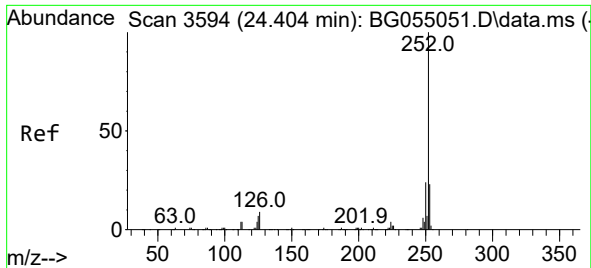
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#88
Benzo(b)fluoranthene
Concen: 61.654 ng
RT: 24.316 min Scan# 3579
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

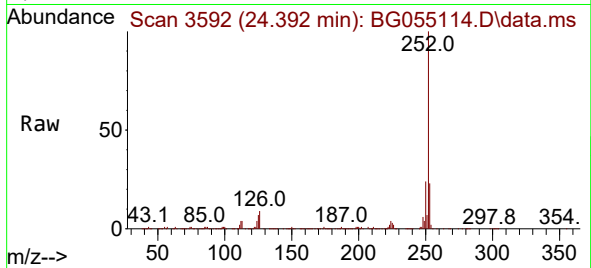
Tgt Ion:252 Resp: 877046
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 7.4 6.1 9.1





#89
Benzo(k)fluoranthene
Concen: 55.552 ng m
RT: 24.392 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

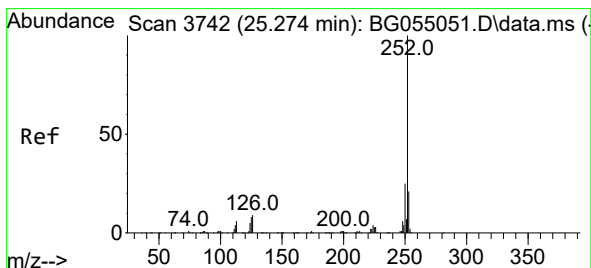
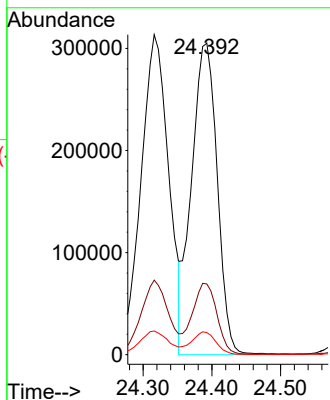
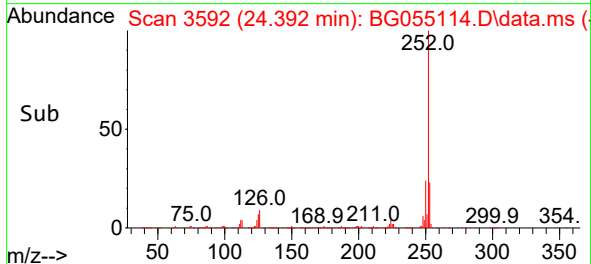
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



Tgt Ion:252 Resp: 796115
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 7.1 5.8 8.6

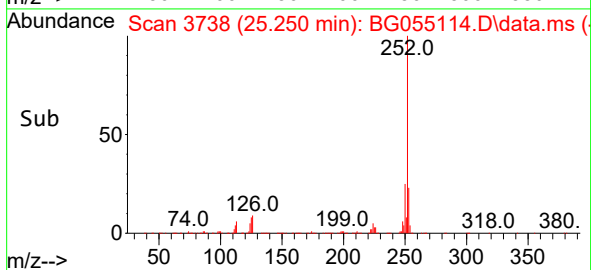
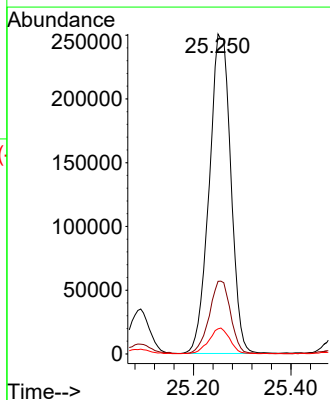
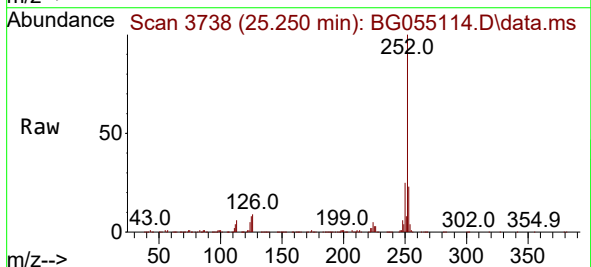
Manual Integrations
APPROVED

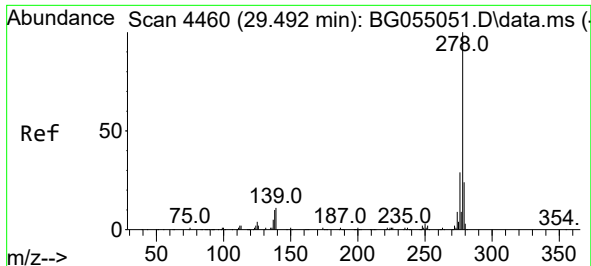
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#90
Benzo(a)pyrene
Concen: 63.177 ng
RT: 25.250 min Scan# 3738
Delta R.T. -0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

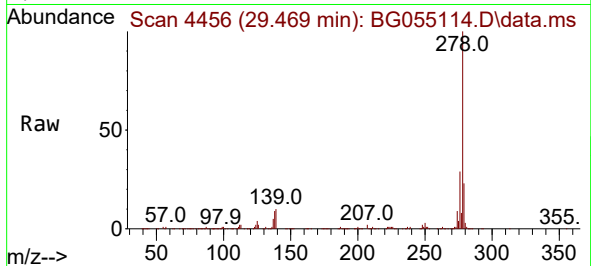
Tgt Ion:252 Resp: 770262
Ion Ratio Lower Upper
252 100
253 22.7 16.9 25.3
125 7.9 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 51.951 ng
RT: 29.469 min Scan# 4456
Delta R.T. 0.003 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59

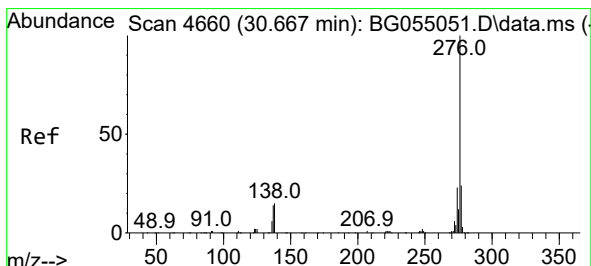
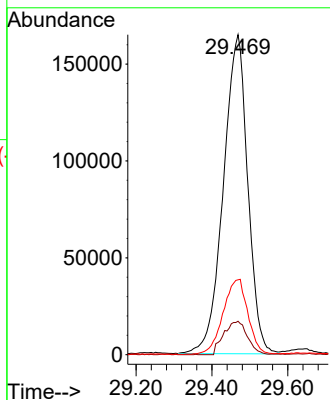
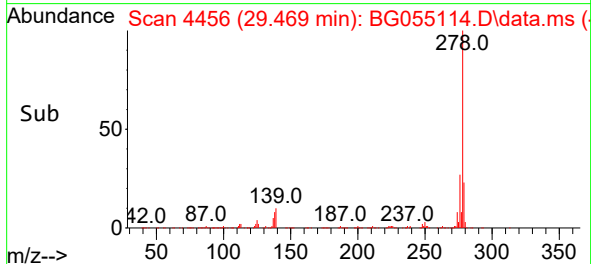
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD



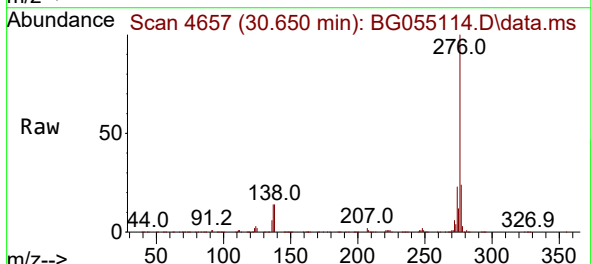
Tgt Ion:278 Resp: 735292
Ion Ratio Lower Upper
278 100
139 10.5 8.5 12.7
279 23.4 19.0 28.6

Manual Integrations
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Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022



#92
Benzo(g,h,i)perylene
Concen: 56.204 ng
RT: 30.650 min Scan# 4657
Delta R.T. 0.021 min
Lab File: BG055114.D
Acq: 10 Oct 2022 15:59



Tgt Ion:276 Resp: 798526
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 13.9 11.8 17.6

