

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055937.D
 Acq On : 8 Dec 2022 21:30
 Operator : CG/JU
 Sample : N5942-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 09 08:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	36554	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	157236	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	103879	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	227445	20.000	ng	0.00
76) Chrysene-d12	21.807	240	197287	20.000	ng	0.00
86) Perylene-d12	25.144	264	236406	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	297871	147.291	ng	0.00
7) Phenol-d6	7.306	99	399347	148.343	ng	0.00
23) Nitrobenzene-d5	9.322	82	256005	86.056	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	178963	122.347	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	606016	87.399	ng	0.00
79) Terphenyl-d14	20.109	244	878120	89.025	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	30803	35.641	ng	97
3) Pyridine	3.887	79	88241	33.282	ng	97
4) n-Nitrosodimethylamine	3.799	42	59484	42.377	ng	96
6) Aniline	7.459	93	104517	30.910	ng	97
8) 2-Chlorophenol	7.706	128	121587	52.592	ng	96
9) Benzaldehyde	7.271	77	57584m	31.497	ng	
10) Phenol	7.330	94	155720	51.661	ng	99
11) bis(2-Chloroethyl)ether	7.547	93	106929	46.290	ng	99
12) 1,3-Dichlorobenzene	8.029	146	127702	46.982	ng	98
13) 1,4-Dichlorobenzene	8.176	146	128713	46.862	ng	97
14) 1,2-Dichlorobenzene	8.499	146	126506	48.064	ng	99
15) Benzyl Alcohol	8.382	79	113671m	51.955	ng	
16) 2,2'-oxybis(1-Chloropr...	8.669	45	203246	48.603	ng	98
17) 2-Methylphenol	8.593	107	112557	52.596	ng	99
18) Hexachloroethane	9.233	117	46387	49.068	ng	98
19) n-Nitroso-di-n-propyla...	8.951	70	94860	45.861	ng	98
20) 3+4-Methylphenols	8.922	107	152285	50.941	ng	98
22) Acetophenone	8.975	105	186655	45.684	ng	98
24) Nitrobenzene	9.363	77	144415	46.476	ng	99
25) Isophorone	9.886	82	268800	47.688	ng	98
26) 2-Nitrophenol	10.080	139	73171	51.010	ng	92
27) 2,4-Dimethylphenol	10.132	122	125464m	57.469	ng	
28) bis(2-Chloroethoxy)met...	10.362	93	152801	50.496	ng	100
29) 2,4-Dichlorophenol	10.626	162	130873	50.084	ng	100
30) 1,2,4-Trichlorobenzene	10.832	180	141297	46.544	ng	98
31) Naphthalene	11.020	128	393491	46.293	ng	100
32) Benzoic acid	10.326	122	40325	22.451	ng	98
33) 4-Chloroaniline	11.131	127	92876	26.488	ng	99
34) Hexachlorobutadiene	11.296	225	94106	45.397	ng	97
35) Caprolactam	11.924	113	39492	43.673	ng	93
36) 4-Chloro-3-methylphenol	12.253	107	138812	48.333	ng	96
37) 2-Methylnaphthalene	12.618	142	291528	45.807	ng	99
38) 1-Methylnaphthalene	12.835	142	274507	44.430	ng	98
40) 1,2,4,5-Tetrachloroben...	12.982	216	173365	53.107	ng	100
41) Hexachlorocyclopentadiene	12.953	237	45400	27.594	ng	97
43) 2,4,6-Trichlorophenol	13.223	196	103705	46.571	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055937.D
 Acq On : 8 Dec 2022 21:30
 Operator : CG/JU
 Sample : N5942-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD

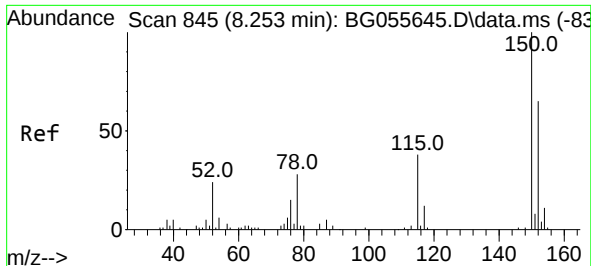
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/09/2022
 Supervised By : mohammad ahmed 12/14/2022

Quant Time: Dec 09 08:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

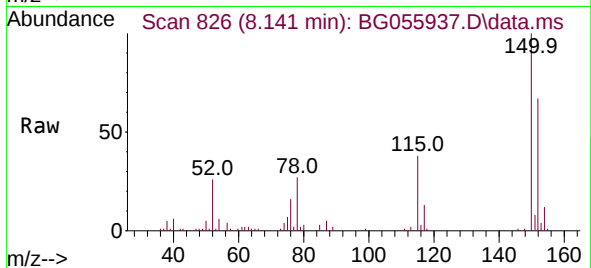
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.311	196	113864	46.530	ng	99
46) 1,1'-Biphenyl	13.611	154	387624	51.206	ng	99
47) 2-Chloronaphthalene	13.664	162	295604	50.240	ng	100
48) 2-Nitroaniline	13.869	65	97652	50.481	ng	98
49) Acenaphthylene	14.504	152	472584	48.776	ng	99
50) Dimethylphthalate	14.228	163	376601	45.479	ng	99
51) 2,6-Dinitrotoluene	14.357	165	82484	48.716	ng	97
52) Acenaphthene	14.845	154	337015m	53.221	ng	
53) 3-Nitroaniline	14.686	138	64223	34.553	ng	98
54) 2,4-Dinitrophenol	14.909	184	67339	69.172	ng	98
55) Dibenzofuran	15.179	168	476303	48.758	ng	98
56) 4-Nitrophenol	15.015	139	106652	73.110	ng	96
57) 2,4-Dinitrotoluene	15.144	165	116242	48.694	ng	98
58) Fluorene	15.826	166	393304	50.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	96239	40.588	ng	95
60) Diethylphthalate	15.579	149	368731	44.043	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	196259	45.760	ng	96
62) 4-Nitroaniline	15.849	138	80330	41.344	ng	94
63) Azobenzene	16.102	77	336595	46.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.914	198	56059	44.140	ng	96
66) n-Nitrosodiphenylamine	16.020	169	314009	50.096	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	128153	49.452	ng	98
68) Hexachlorobenzene	16.830	284	138950	48.355	ng	99
69) Atrazine	16.966	200	127880	51.585	ng	99
70) Pentachlorophenol	17.183	266	107094	60.924	ng	98
71) Phenanthrene	17.571	178	1479662	120.553	ng	97
72) Anthracene	17.659	178	670967	56.263	ng	99
73) Carbazole	17.929	167	769154	71.743	ng	99
74) Di-n-butylphthalate	18.458	149	610493	45.860	ng	99
75) Fluoranthene	19.574	202	2384447	159.686	ng	94
77) Benzidine	19.739	184	212171	46.487	ng	99
78) Pyrene	19.939	202	2017731	151.096	ng	93
80) Butylbenzylphthalate	20.785	149	261088	49.942	ng	97
81) Benzo(a)anthracene	21.789	228	1311794	96.538	ng	97
82) 3,3'-Dichlorobenzidine	21.689	252	162207	33.972	ng	97
83) Chrysene	21.860	228	1423153	110.015	ng	96
84) Bis(2-ethylhexyl)phtha...	21.648	149	383404	51.031	ng	99
85) Di-n-octyl phthalate	22.888	149	656172	51.035	ng	99
87) Indeno(1,2,3-cd)pyrene	29.016	276	1239078	63.979	ng	# 95
88) Benzo(b)fluoranthene	24.093	252	1797486	116.750	ng	97
89) Benzo(k)fluoranthene	24.157	252	1076793	70.164	ng	96
90) Benzo(a)pyrene	24.997	252	1314201	99.472	ng	97
91) Dibenzo(a,h)anthracene	29.057	278	730793	46.176	ng	99
92) Benzo(g,h,i)perylene	30.227	276	1128649	70.758	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

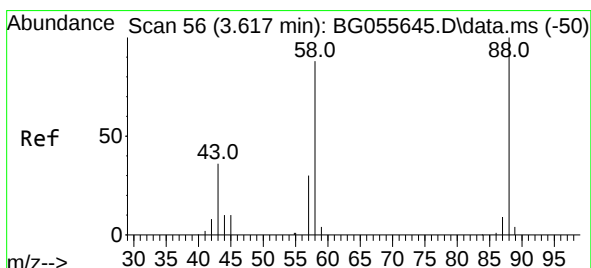
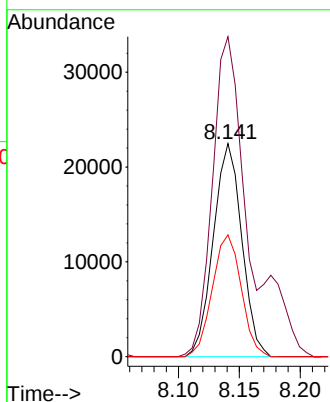
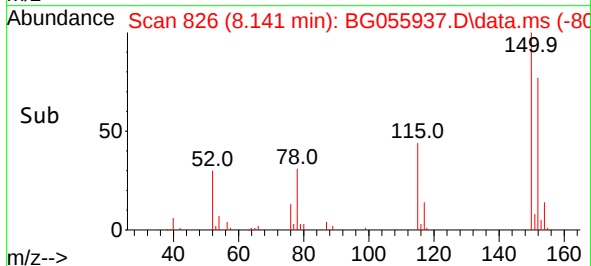
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:152 Resp: 36554
Ion Ratio Lower Upper
152 100
150 150.2 123.0 184.6
115 57.2 47.0 70.4

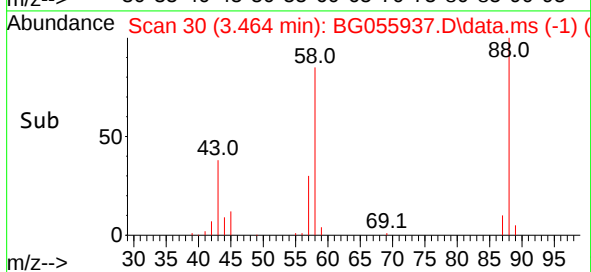
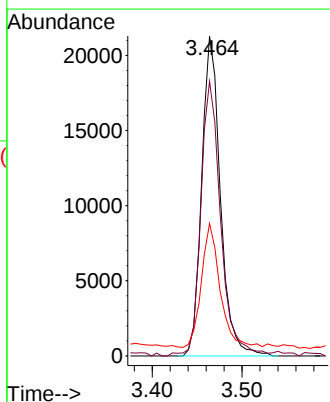
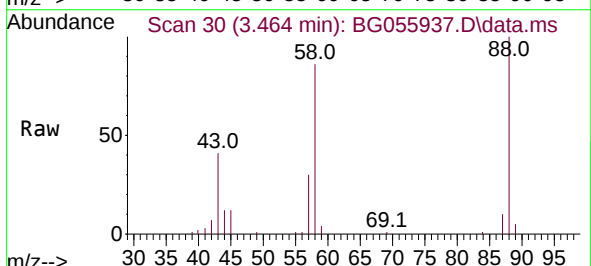
Manual Integrations
APPROVED

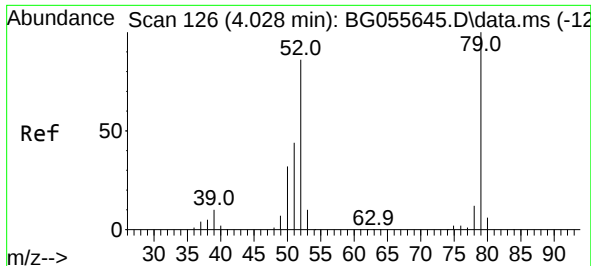
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#2
1,4-Dioxane
Concen: 35.641 ng
RT: 3.464 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

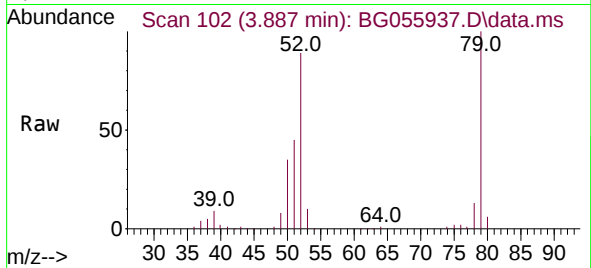
Tgt Ion: 88 Resp: 30803
Ion Ratio Lower Upper
88 100
58 91.4 71.3 106.9
43 38.6 28.6 43.0





#3
Pyridine
Concen: 33.282 ng
RT: 3.887 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

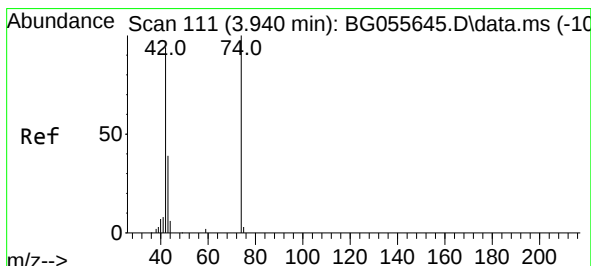
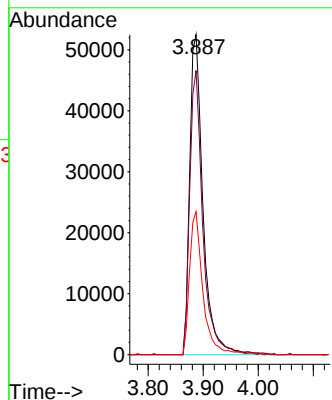
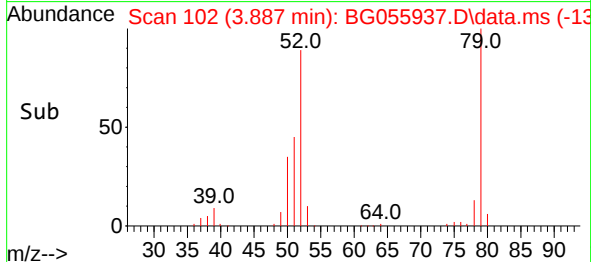
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



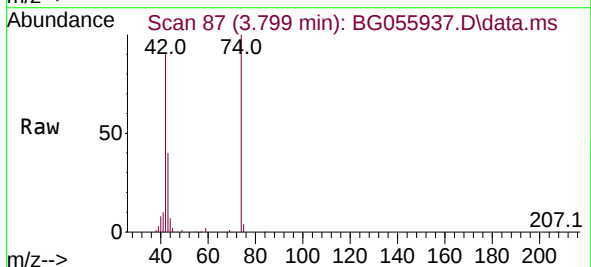
Tgt Ion: 79 Resp: 8824
Ion Ratio Lower Upper
79 100
52 88.8 68.9 103.3
51 44.7 34.8 52.2

Manual Integrations
APPROVED

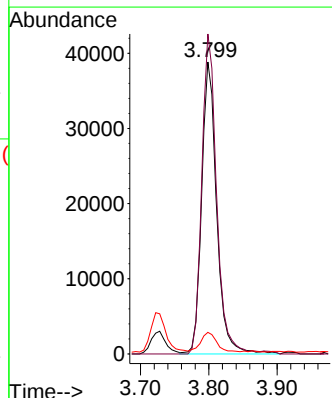
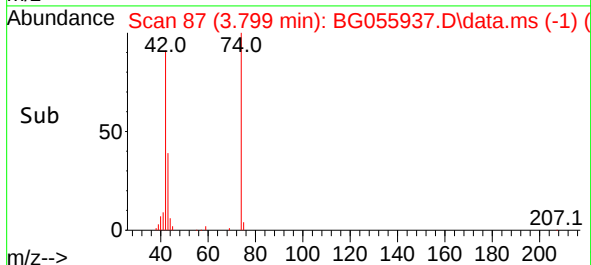
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

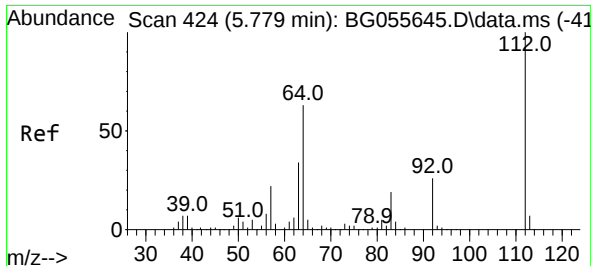


#4
n-Nitrosodimethylamine
Concen: 42.377 ng
RT: 3.799 min Scan# 87
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion: 42 Resp: 59484
Ion Ratio Lower Upper
42 100
74 109.6 84.7 127.1
44 7.4 5.4 8.0





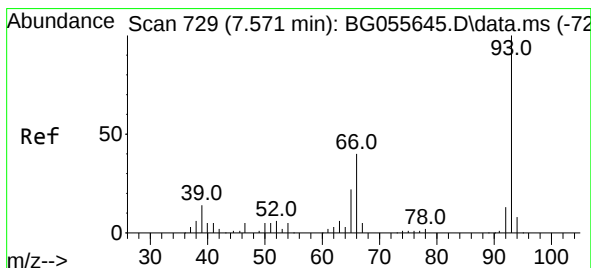
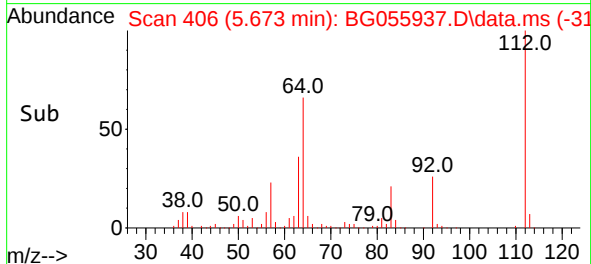
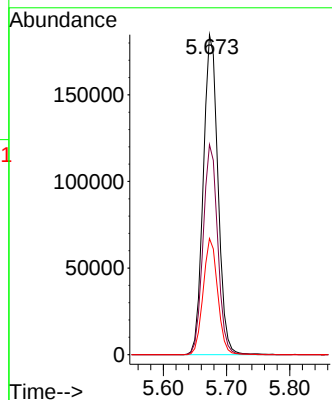
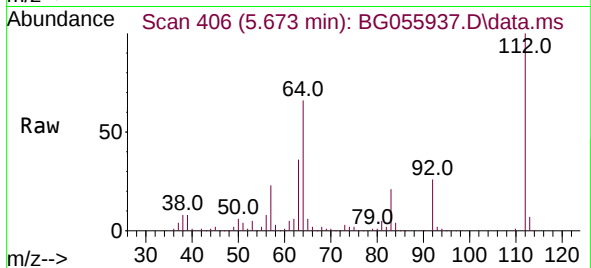
#5
2-Fluorophenol
Concen: 147.291 ng
RT: 5.673 min Scan# 406
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD

Tgt Ion:112 Resp: 29787
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 36.3 27.5 41.3

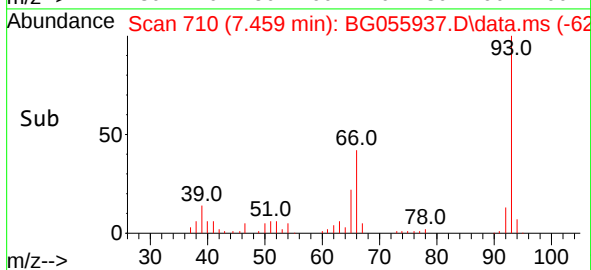
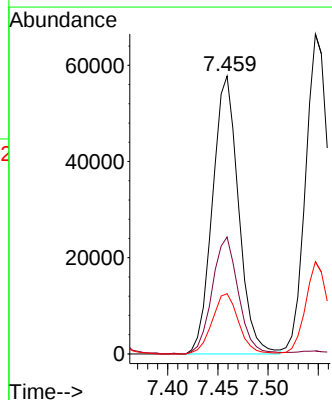
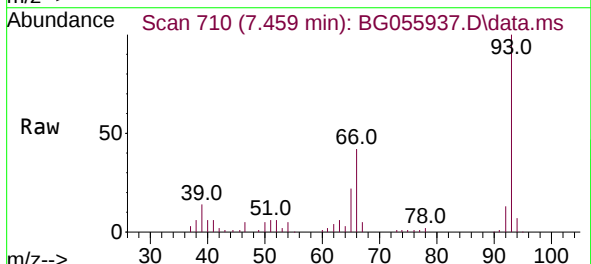
Manual Integrations
APPROVED

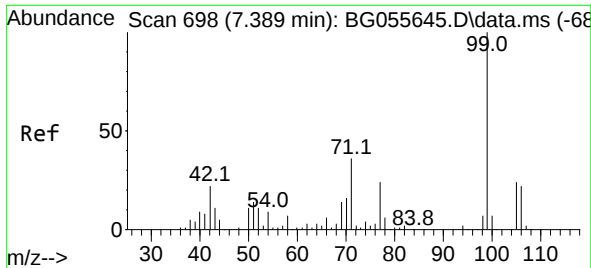
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#6
Aniline
Concen: 30.910 ng
RT: 7.459 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

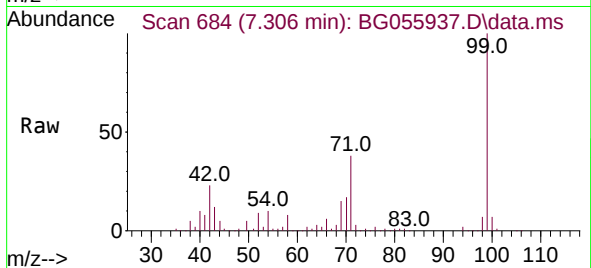
Tgt Ion: 93 Resp: 104517
Ion Ratio Lower Upper
93 100
66 42.1 31.7 47.5
65 21.7 17.9 26.9





#7
Phenol-d6
Concen: 148.343 ng
RT: 7.306 min Scan# 684
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

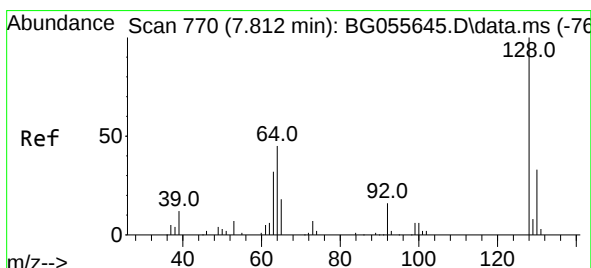
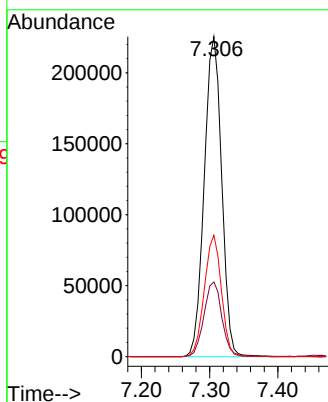
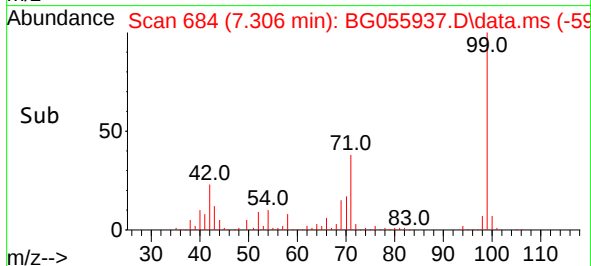
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



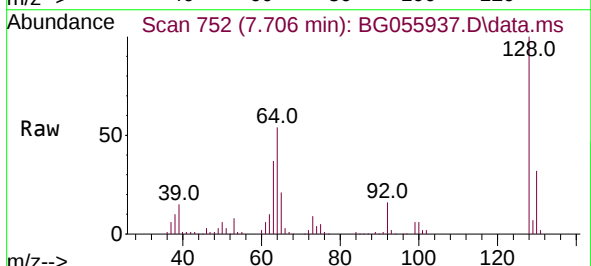
Tgt Ion: 99 Resp: 39934
Ion Ratio Lower Upper
99 100
42 23.3 18.0 27.0
71 37.9 29.0 43.6

Manual Integrations
APPROVED

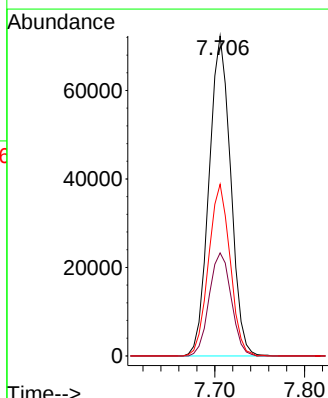
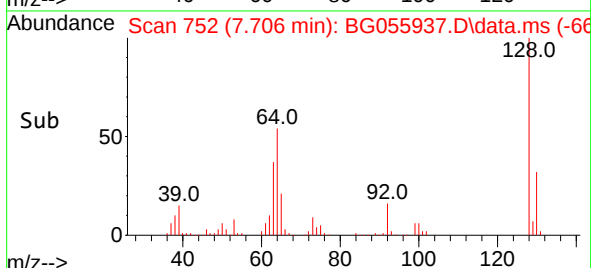
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

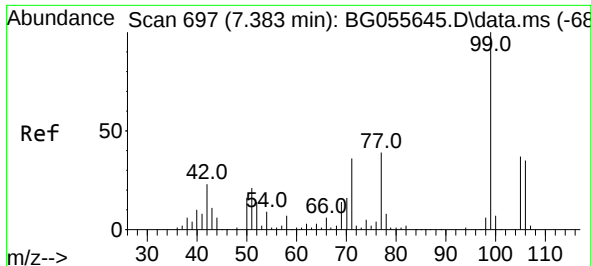


#8
2-Chlorophenol
Concen: 52.592 ng
RT: 7.706 min Scan# 752
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:128 Resp: 121587
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 53.6 30.2 70.2





#9
Benzaldehyde
Concen: 31.497 ng m
RT: 7.271 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

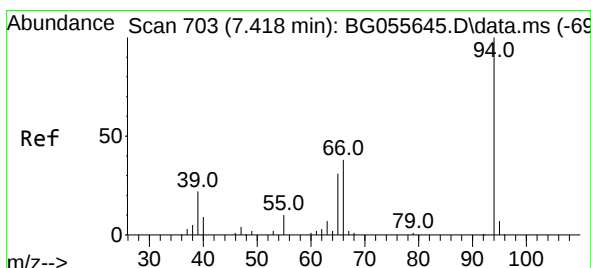
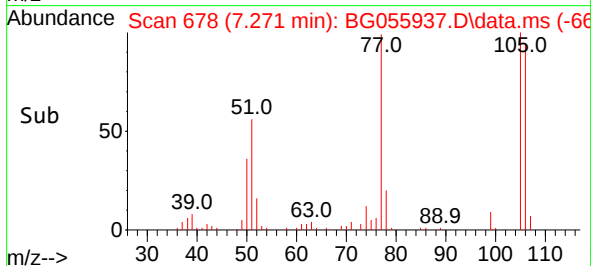
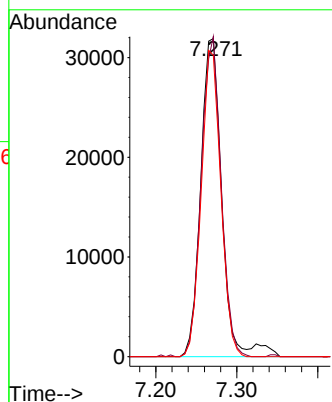
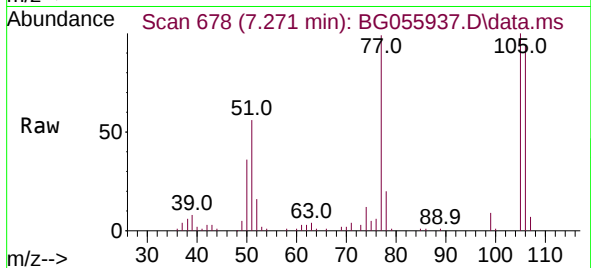
OK-01-120722MSD

Tgt Ion: 77 Resp: 57584
Ion Ratio Lower Upper
77 100
105 100.6 76.3 116.3
106 94.8 69.8 109.8

Manual Integrations

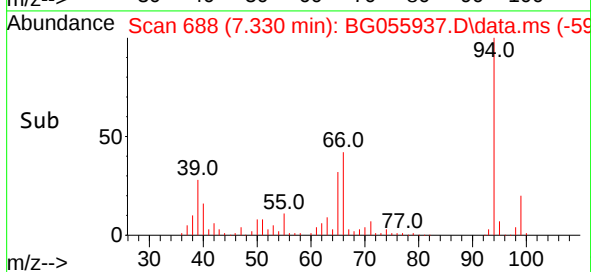
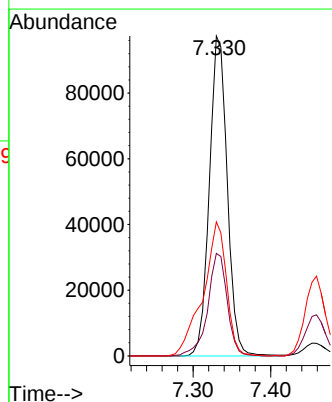
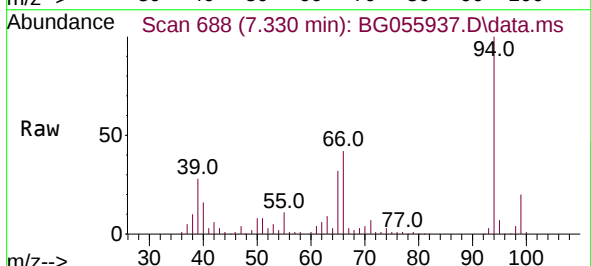
APPROVED

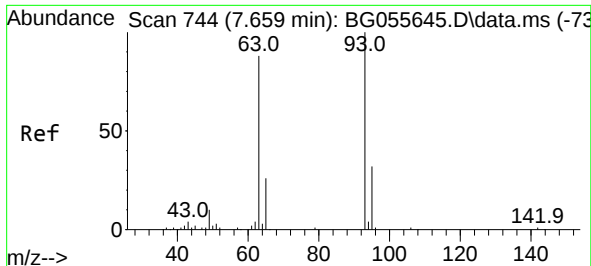
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#10
Phenol
Concen: 51.661 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

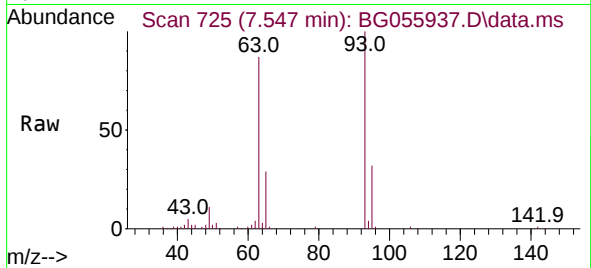
Tgt Ion: 94 Resp: 155720
Ion Ratio Lower Upper
94 100
65 32.0 11.8 51.8
66 41.9 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 46.290 ng
RT: 7.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

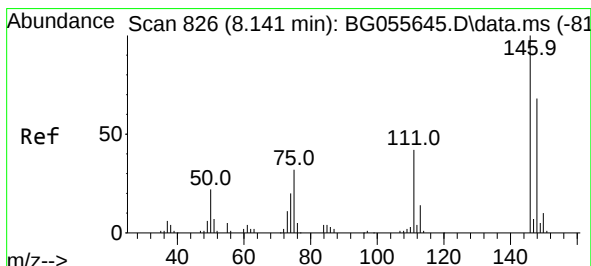
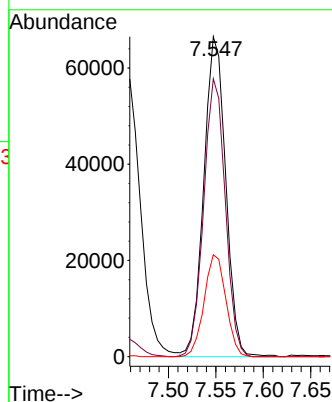
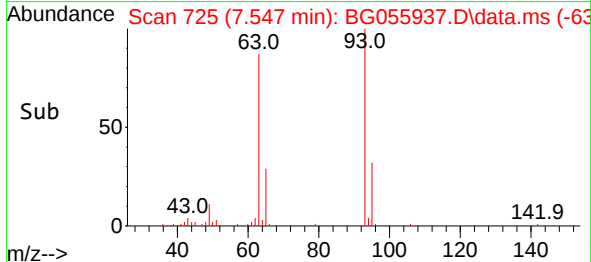
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



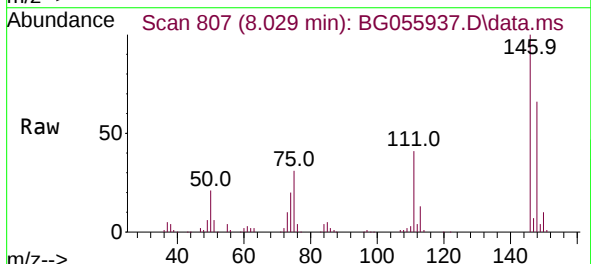
Tgt Ion: 93 Resp: 106929
Ion Ratio Lower Upper
93 100
63 86.8 67.6 107.6
95 31.8 11.8 51.8

Manual Integrations
APPROVED

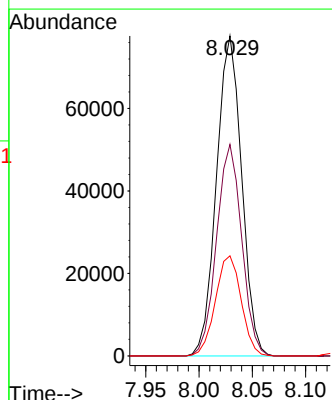
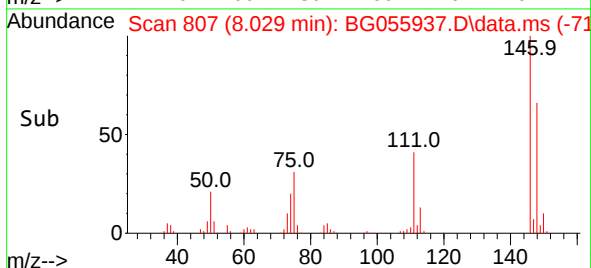
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

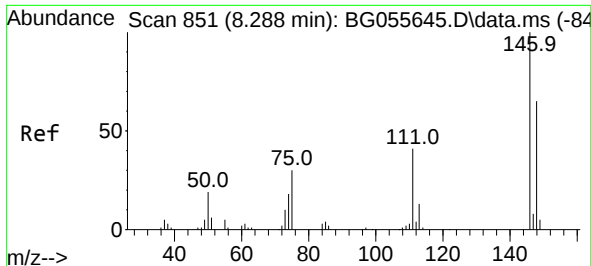


#12
1,3-Dichlorobenzene
Concen: 46.982 ng
RT: 8.029 min Scan# 807
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:146 Resp: 127702
Ion Ratio Lower Upper
146 100
148 66.1 54.6 81.8
75 31.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.862 ng

RT: 8.176 min Scan# 881

Delta R.T. -0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

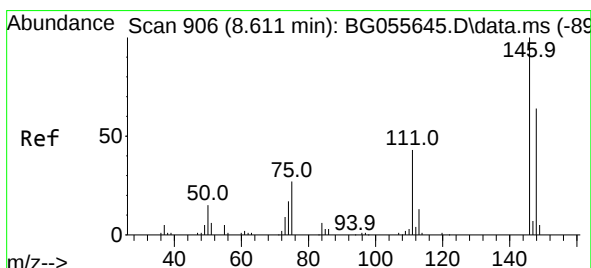
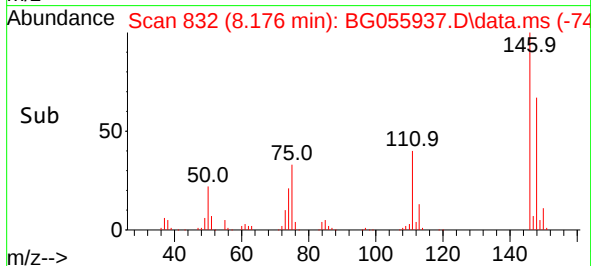
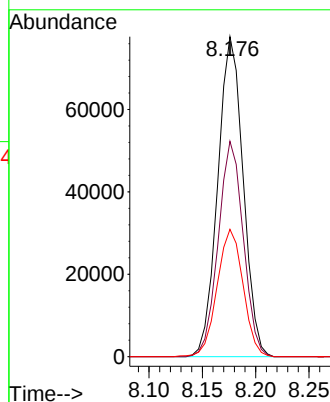
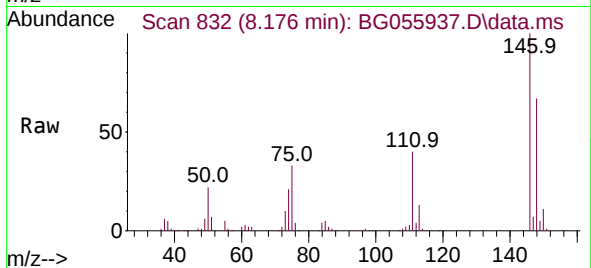
OK-01-120722MSD

Tgt Ion:146 Resp: 128713
 Ion Ratio Lower Upper
 146 100
 148 67.3 52.1 78.1
 111 39.8 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022



#14

1,2-Dichlorobenzene

Concen: 48.064 ng

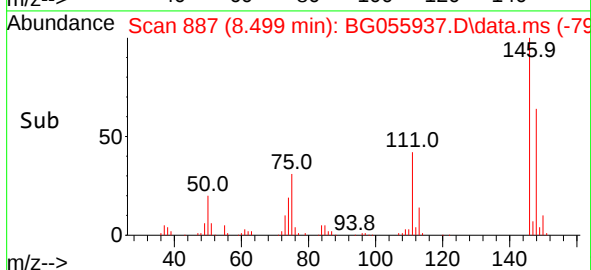
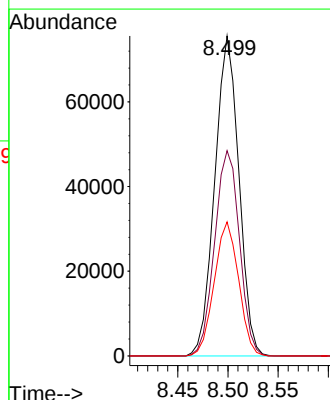
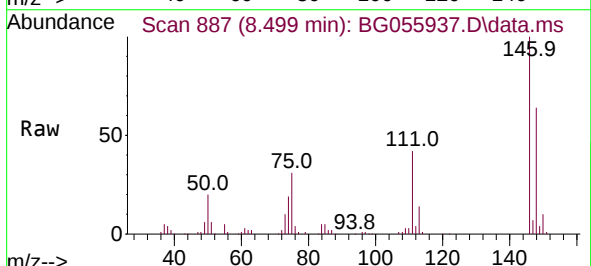
RT: 8.499 min Scan# 887

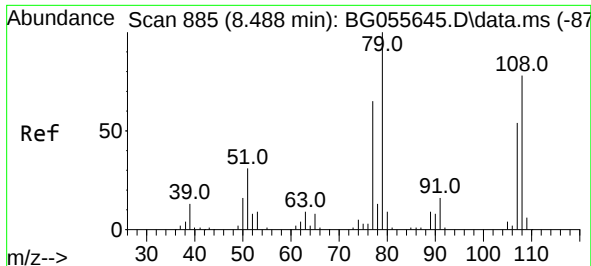
Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Tgt Ion:146 Resp: 126506
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.9 76.3
 111 41.9 34.5 51.7





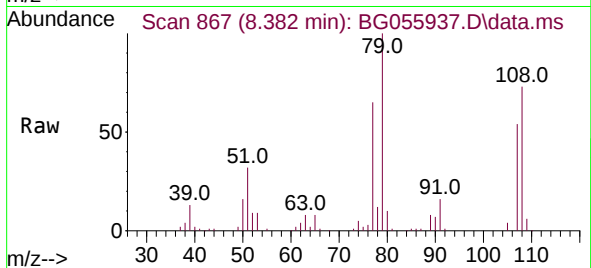
#15
Benzyl Alcohol
Concen: 51.955 ng m
RT: 8.382 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

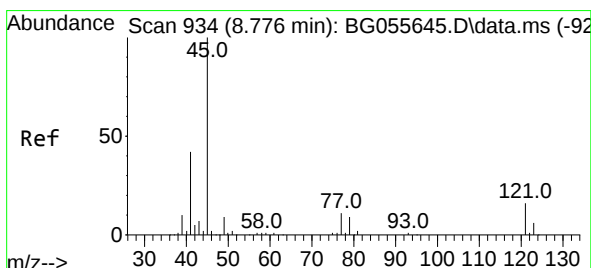
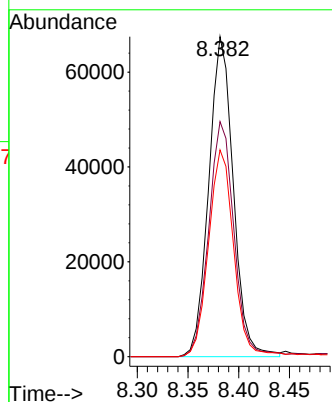
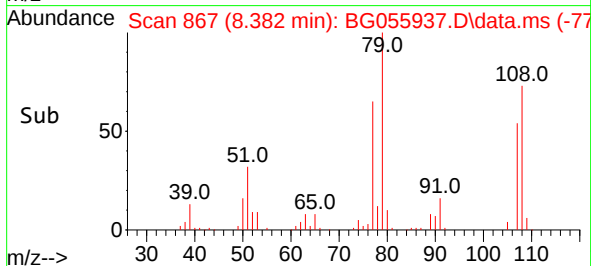


Tgt Ion: 79 Resp: 11367
Ion Ratio Lower Upper
79 100
108 73.4 62.6 93.8
77 64.6 52.4 78.6

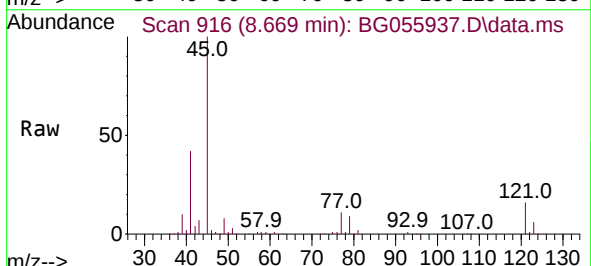
Manual Integrations

APPROVED

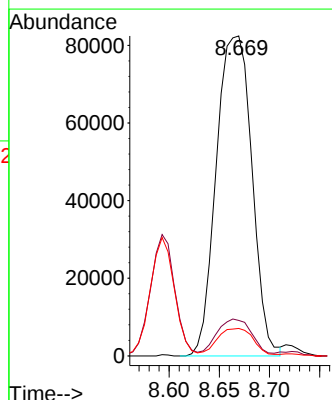
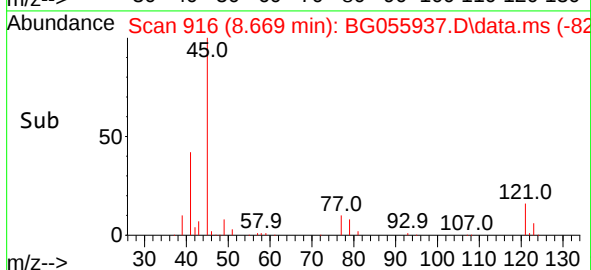
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

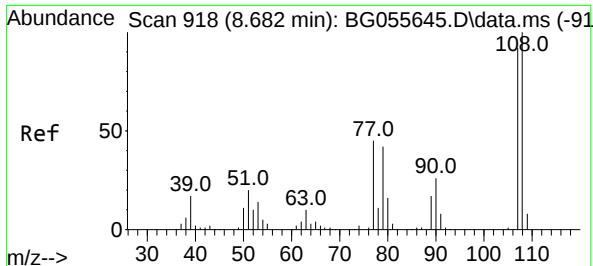


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.603 ng
RT: 8.669 min Scan# 916
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion: 45 Resp: 203246
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.7
79 8.6 0.0 29.5





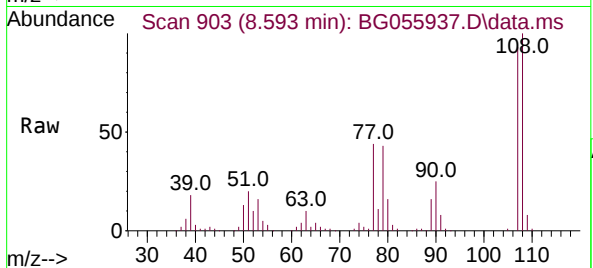
#17
2-Methylphenol
Concen: 52.596 ng
RT: 8.593 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

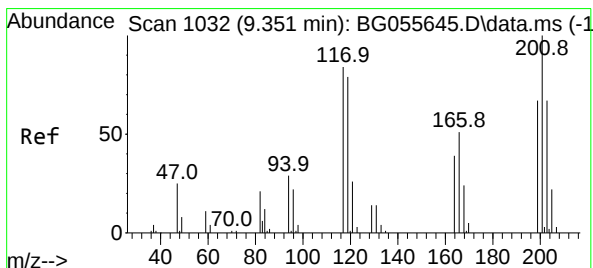
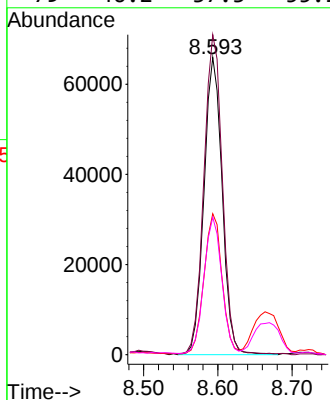
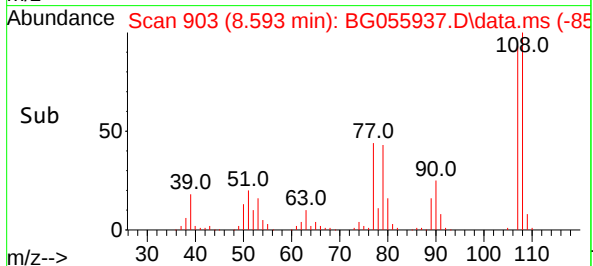


Tgt Ion:107 Resp: 11255
Ion Ratio Lower Upper
107 100
108 107.7 87.3 130.9
77 47.4 39.4 59.0
79 46.2 37.3 55.9

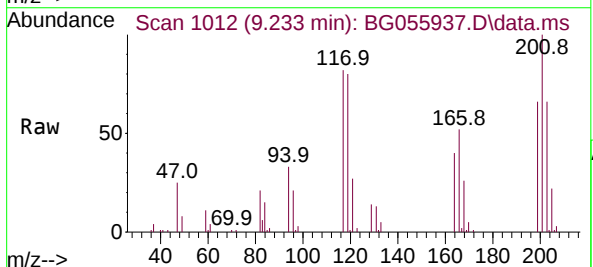
Manual Integrations

APPROVED

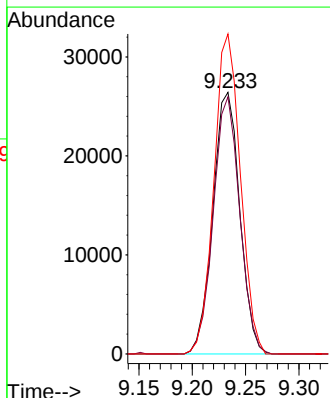
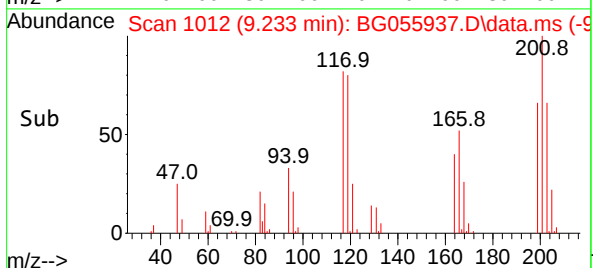
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

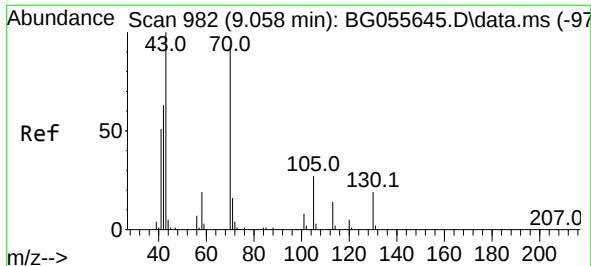


#18
Hexachloroethane
Concen: 49.068 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:117 Resp: 46387
Ion Ratio Lower Upper
117 100
119 98.3 76.0 114.0
201 122.4 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.861 ng
RT: 8.951 min Scan# 94860
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

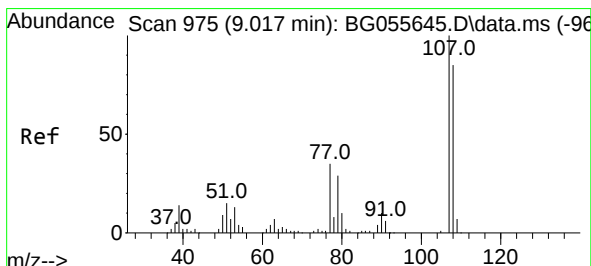
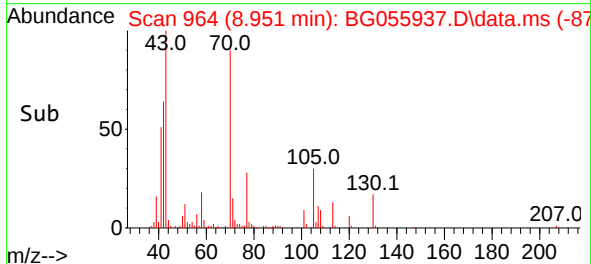
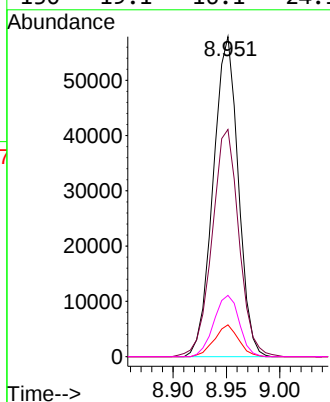
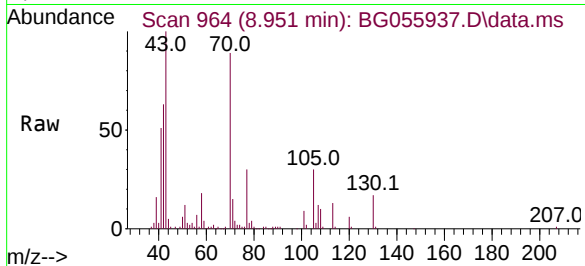
ClientSampleId :

OK-01-120722MSD

Tgt Ion: 70 Resp: 94860
Ion Ratio Lower Upper
70 100
42 71.0 55.2 82.8
101 10.0 7.1 10.7
130 19.1 16.1 24.1

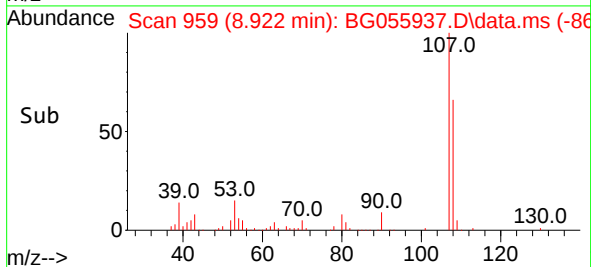
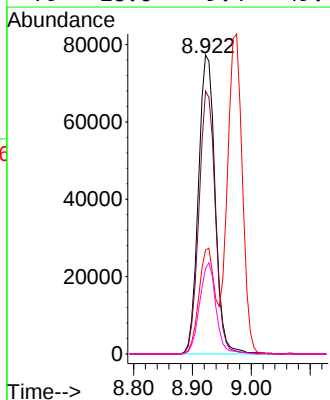
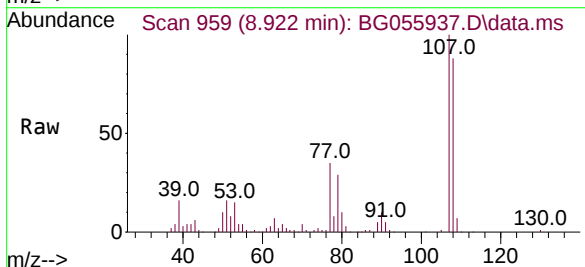
Manual Integrations
APPROVED

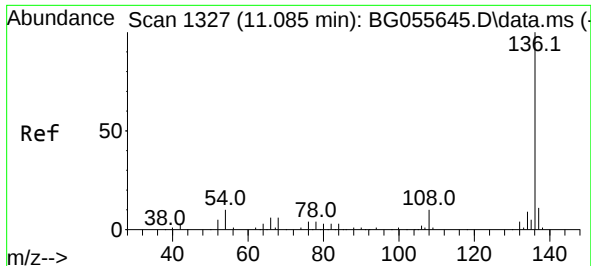
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#20
3+4-Methylphenols
Concen: 50.941 ng
RT: 8.922 min Scan# 959
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:107 Resp: 152285
Ion Ratio Lower Upper
107 100
108 87.9 65.5 105.5
77 34.8 14.6 54.6
79 28.6 9.4 49.4





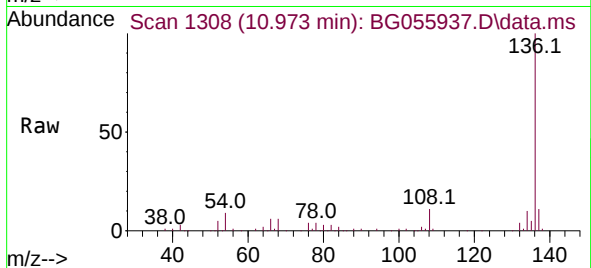
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

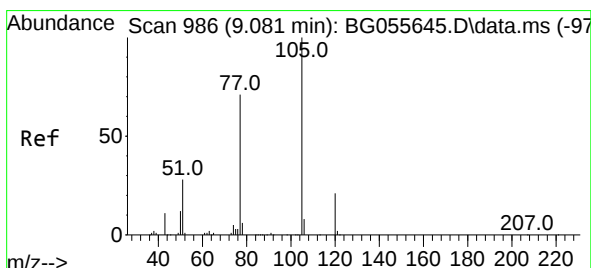
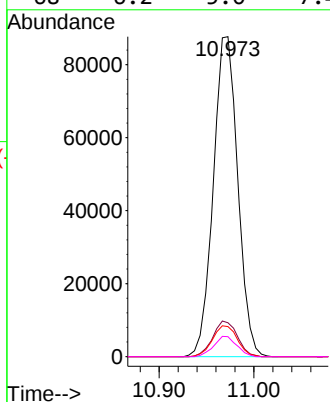
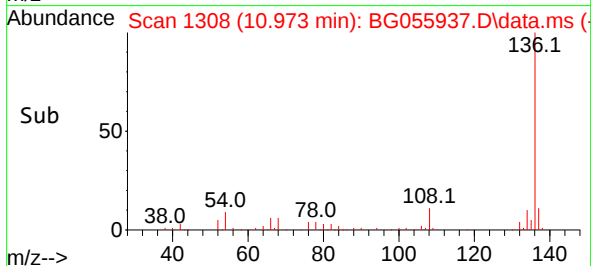


Tgt Ion:136 Resp: 157236
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.4 7.8 11.6
68 6.2 5.0 7.4

Manual Integrations

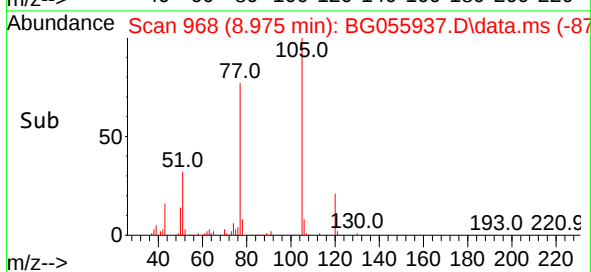
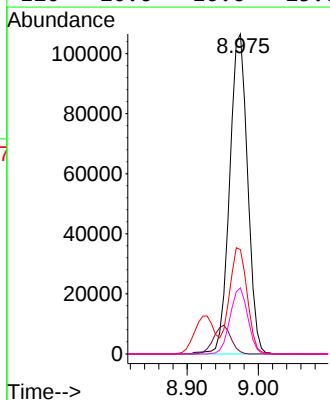
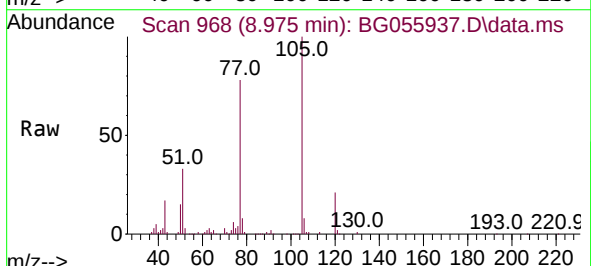
APPROVED

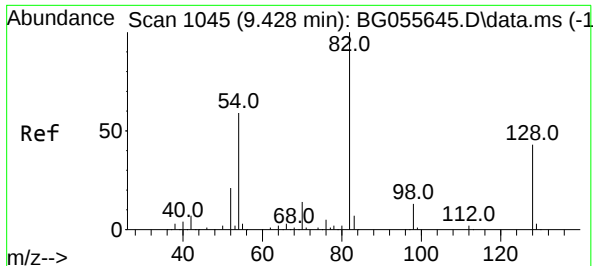
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 45.684 ng
RT: 8.975 min Scan# 968
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:105 Resp: 186655
Ion Ratio Lower Upper
105 100
71 0.7 0.6 1.0
51 32.6 24.5 36.7
120 20.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 86.056 ng

RT: 9.322 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

Tgt Ion: 82 Resp: 256005

Ion Ratio Lower Upper

82 100

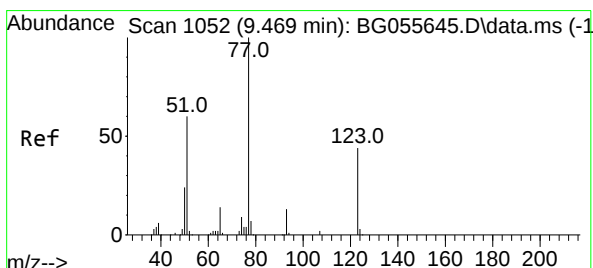
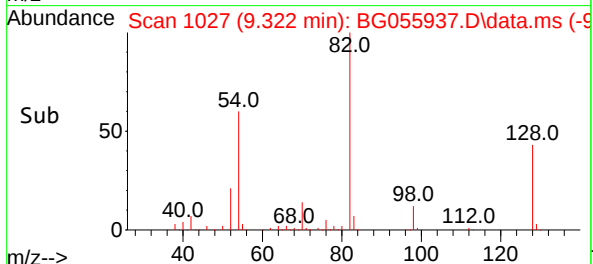
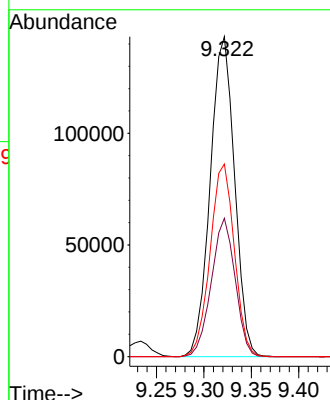
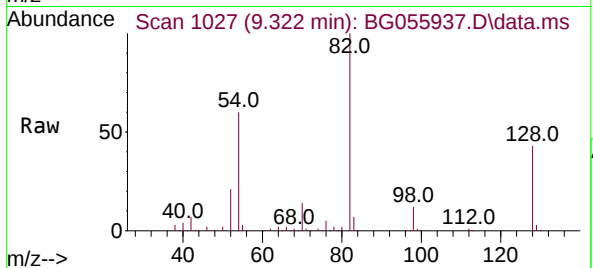
128 43.2 34.1 51.1

54 60.2 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#24

Nitrobenzene

Concen: 46.476 ng

RT: 9.363 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

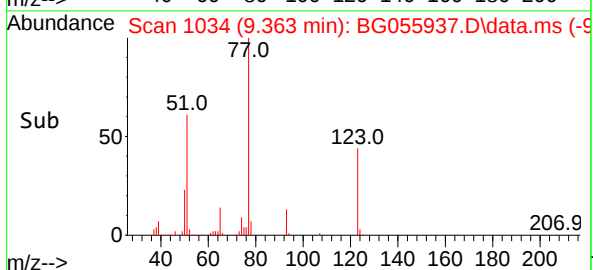
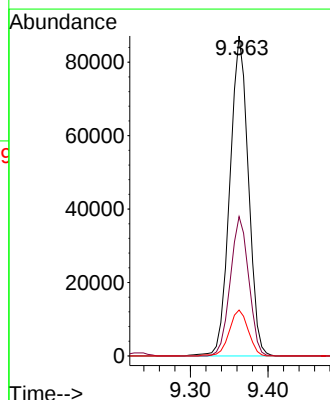
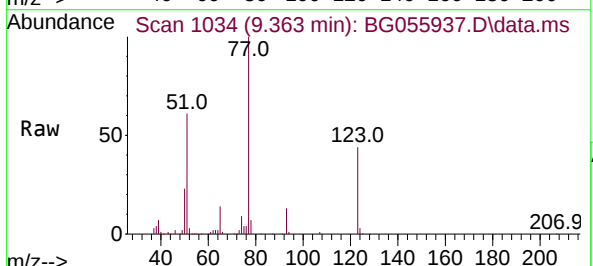
Tgt Ion: 77 Resp: 144415

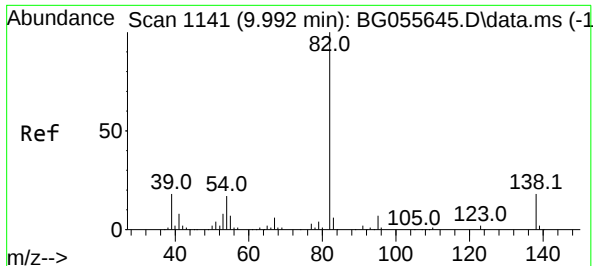
Ion Ratio Lower Upper

77 100

123 43.5 35.5 53.3

65 14.3 11.5 17.3





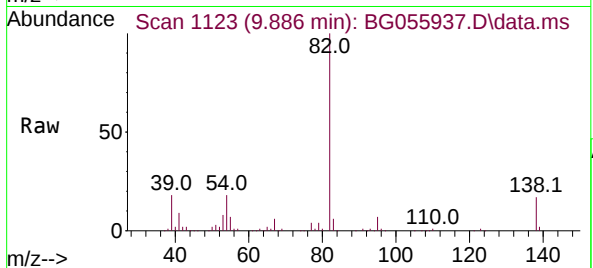
#25
Isophorone
Concen: 47.688 ng
RT: 9.886 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

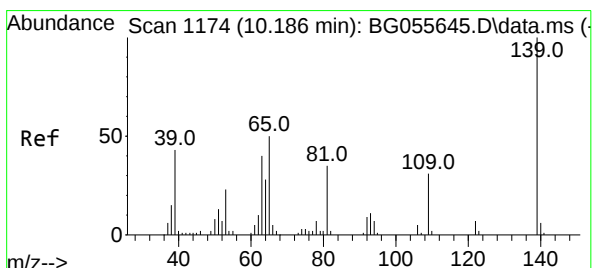
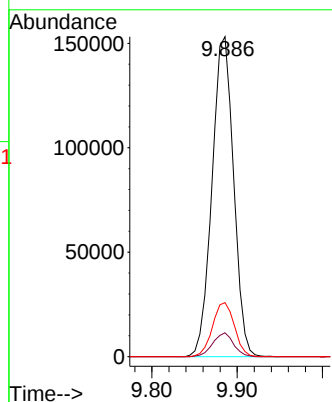
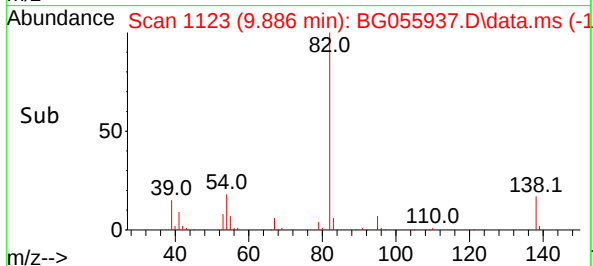


Tgt Ion: 82 Resp: 268800
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 16.9 14.2 21.4

Manual Integrations

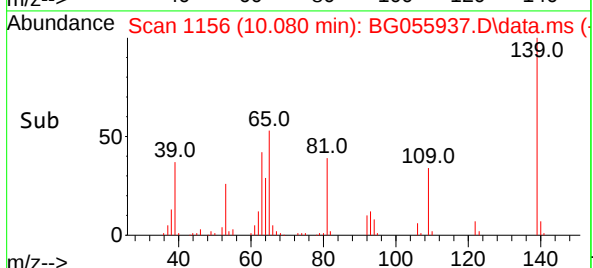
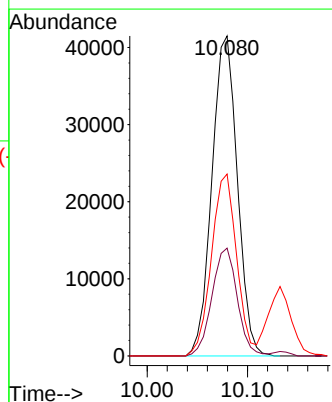
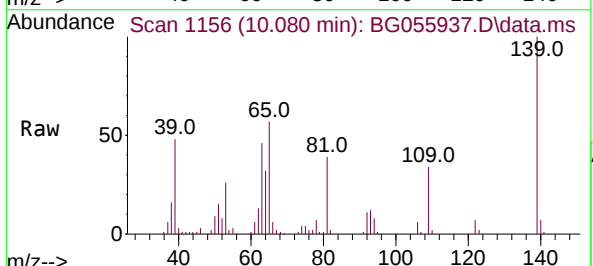
APPROVED

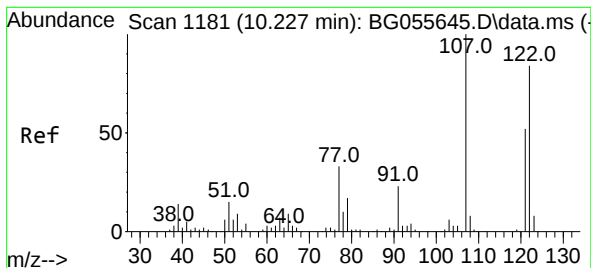
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 51.010 ng
RT: 10.080 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:139 Resp: 73171
Ion Ratio Lower Upper
139 100
109 33.7 24.4 36.6
65 56.8 40.2 60.2





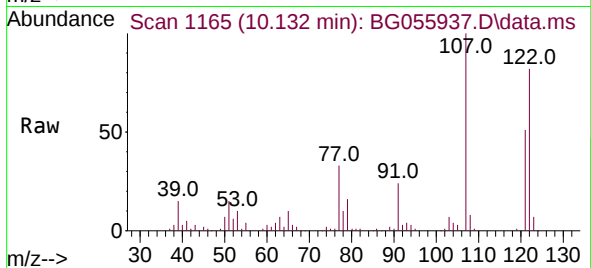
#27
2,4-Dimethylphenol
Concen: 57.469 ng m
RT: 10.132 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

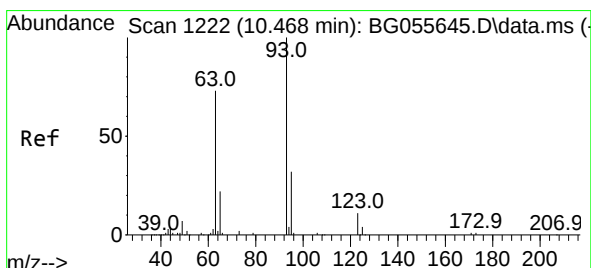
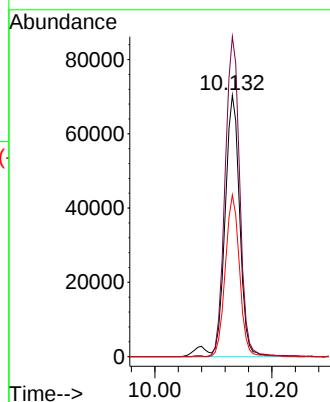
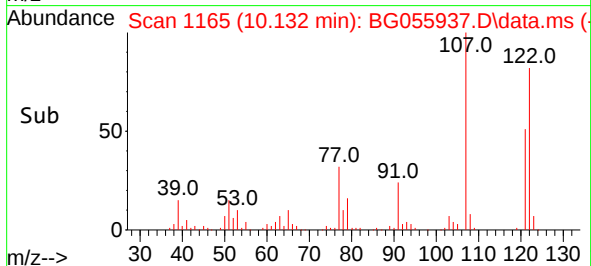


Tgt Ion:122 Resp: 125464
Ion Ratio Lower Upper
122 100
107 122.5 95.8 143.6
121 61.9 49.6 74.4

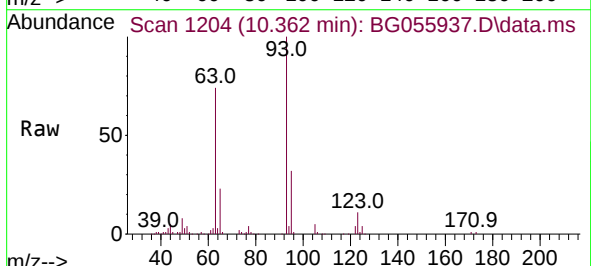
Manual Integrations

APPROVED

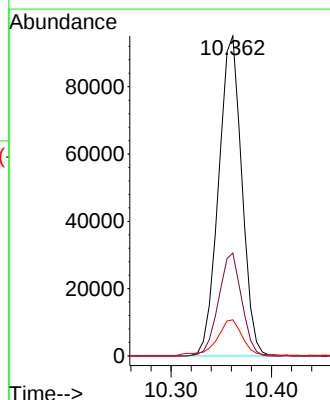
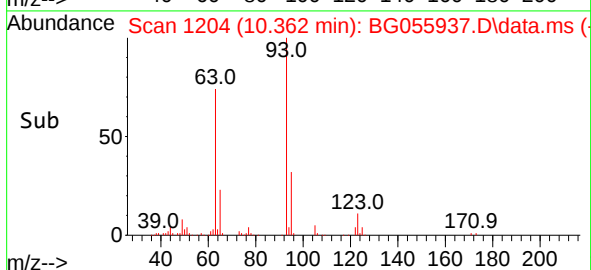
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

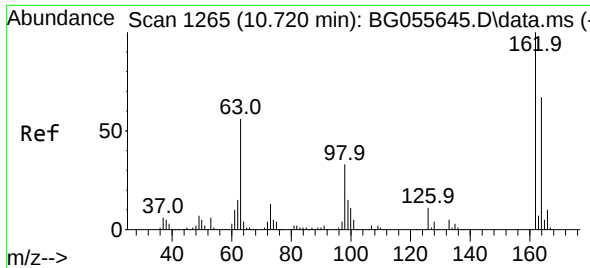


#28
bis(2-Chloroethoxy)methane
Concen: 50.496 ng
RT: 10.362 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



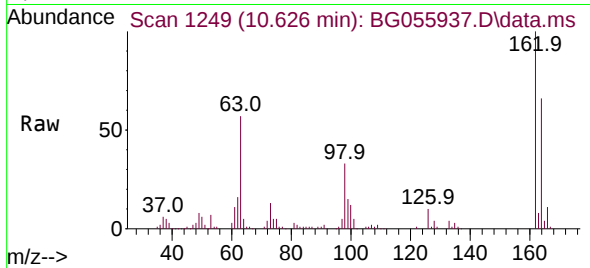
Tgt Ion: 93 Resp: 152801
Ion Ratio Lower Upper
93 100
95 32.1 25.7 38.5
123 11.3 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.084 ng
RT: 10.626 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

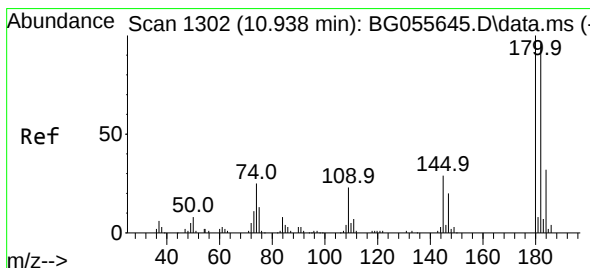
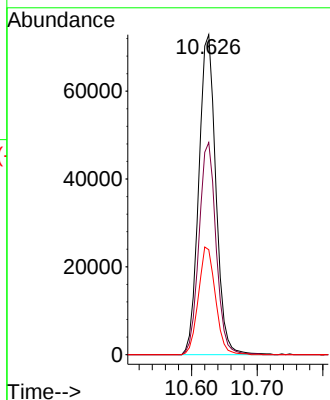
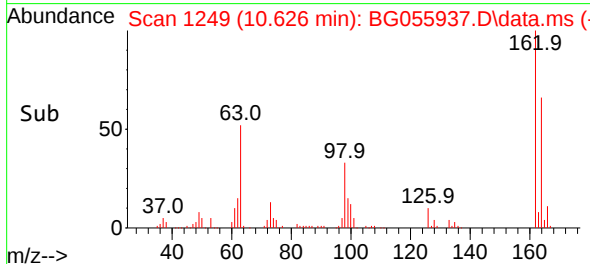
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



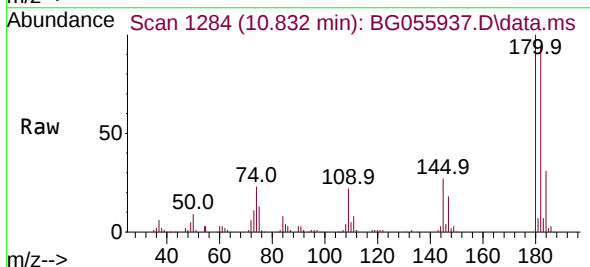
Tgt Ion:162 Resp: 130873
Ion Ratio Lower Upper
162 100
164 66.3 46.7 86.7
98 32.8 12.8 52.8

Manual Integrations
APPROVED

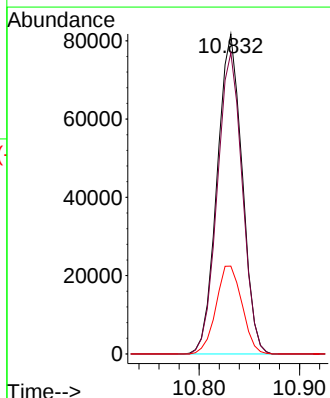
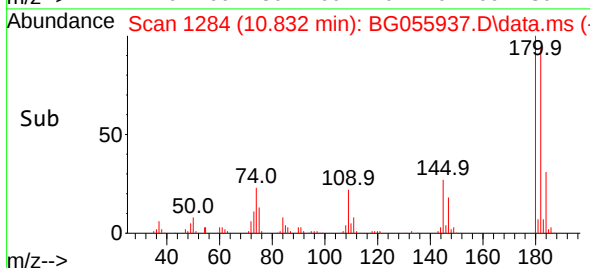
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

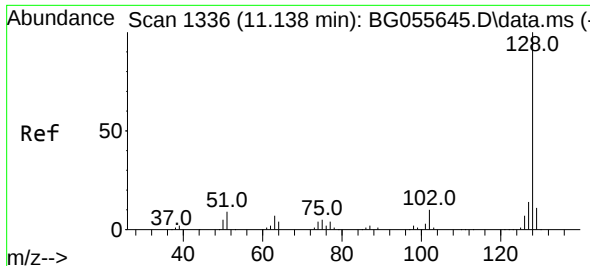


#30
1,2,4-Trichlorobenzene
Concen: 46.544 ng
RT: 10.832 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:180 Resp: 141297
Ion Ratio Lower Upper
180 100
182 94.1 77.1 115.7
145 27.4 22.9 34.3





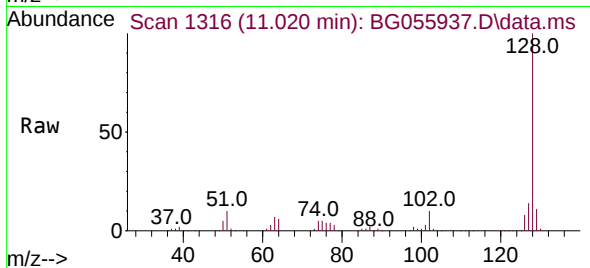
#31
Naphthalene
Concen: 46.293 ng
RT: 11.020 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

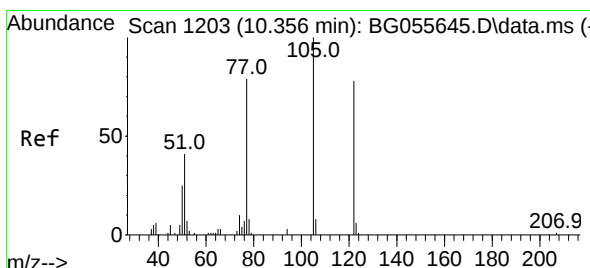
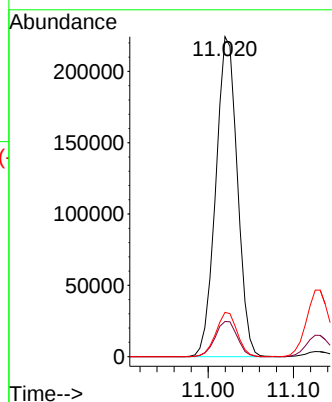
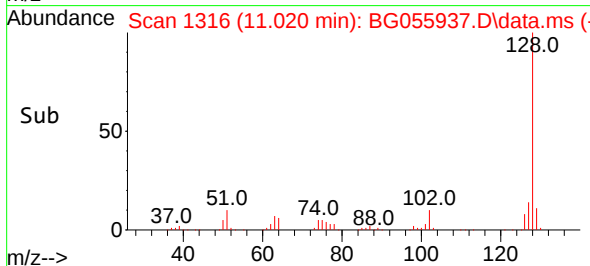


Tgt Ion:128 Resp: 393491
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.9 16.3

Manual Integrations

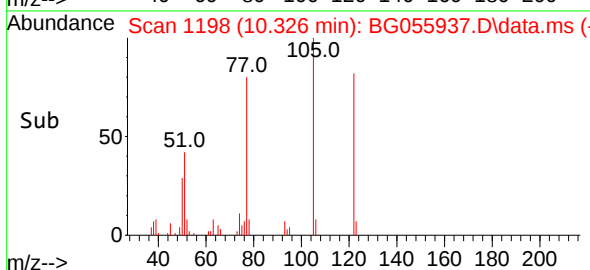
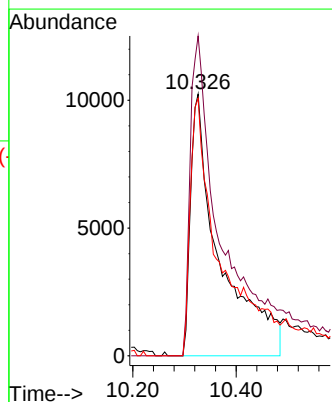
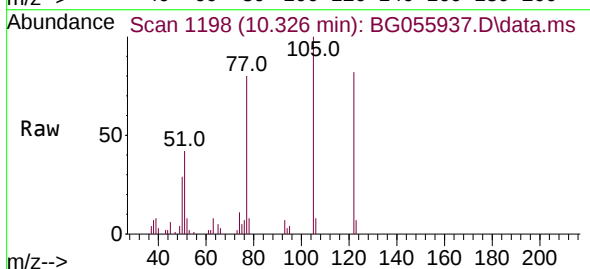
APPROVED

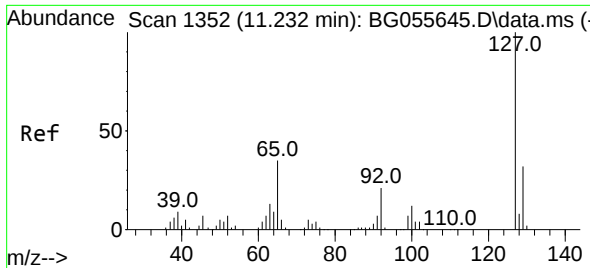
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#32
Benzoic acid
Concen: 22.451 ng
RT: 10.326 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:122 Resp: 40325
Ion Ratio Lower Upper
122 100
105 122.2 104.3 144.3
77 98.3 79.9 119.9





#33
4-Chloroaniline
Concen: 26.488 ng
RT: 11.131 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

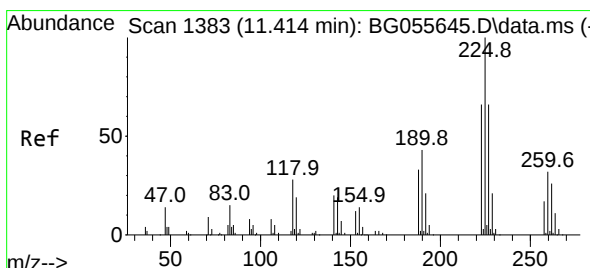
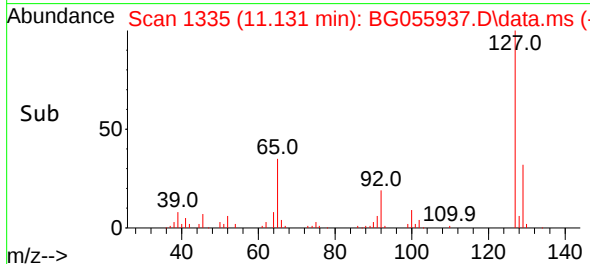
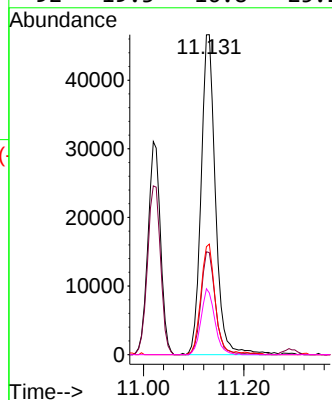
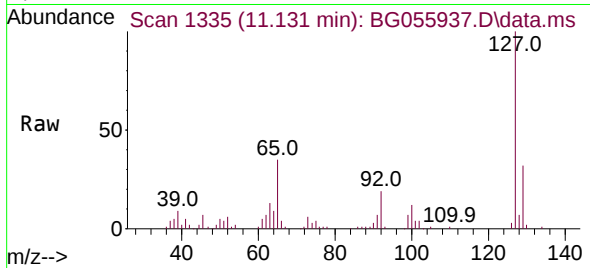
OK-01-120722MSD

Tgt Ion:127 Resp: 92876
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9
65 34.5 27.9 41.9
92 19.3 16.8 25.2

Manual Integrations

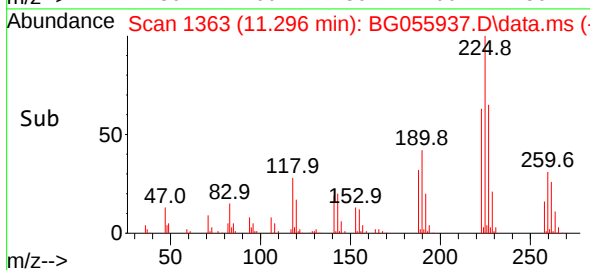
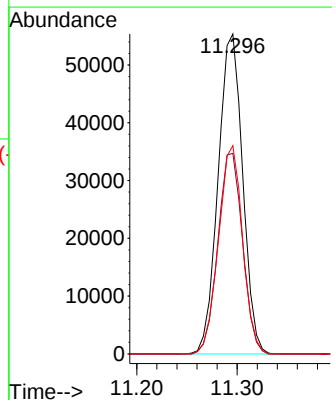
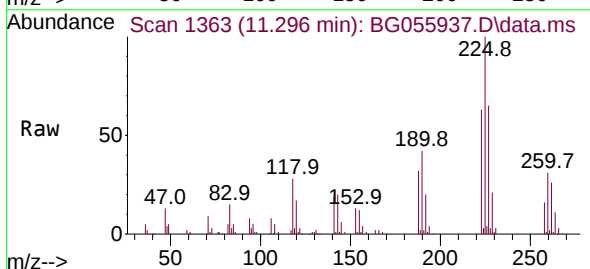
APPROVED

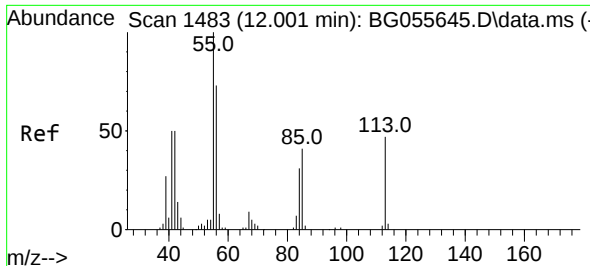
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 45.397 ng
RT: 11.296 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

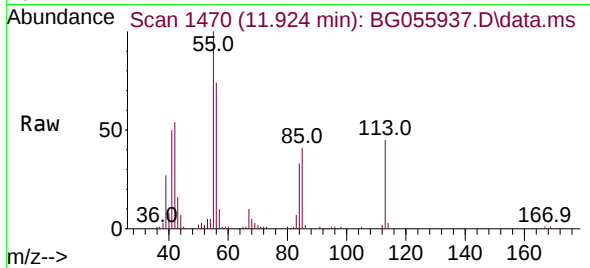
Tgt Ion:225 Resp: 94106
Ion Ratio Lower Upper
225 100
223 62.7 52.9 79.3
227 65.1 52.6 79.0





#35
Caprolactam
Concen: 43.673 ng
RT: 11.924 min Scan# 1483
Delta R.T. 0.012 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

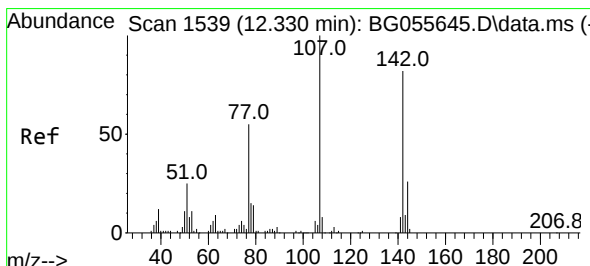
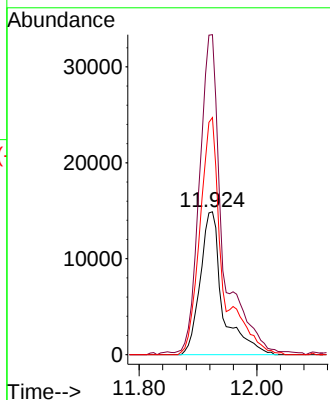
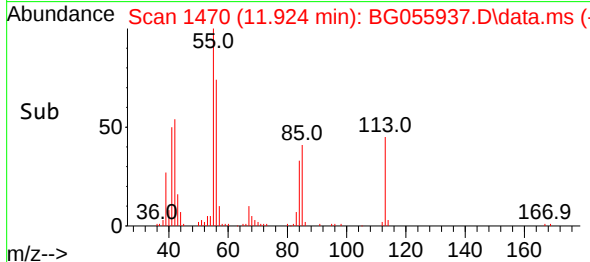
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



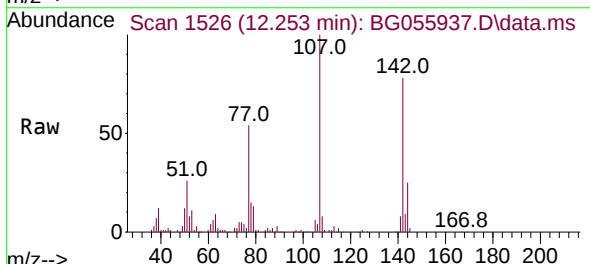
Tgt Ion:113 Resp: 39492
Ion Ratio Lower Upper
113 100
55 224.0 193.5 233.5
56 166.0 135.2 175.2

Manual Integrations
APPROVED

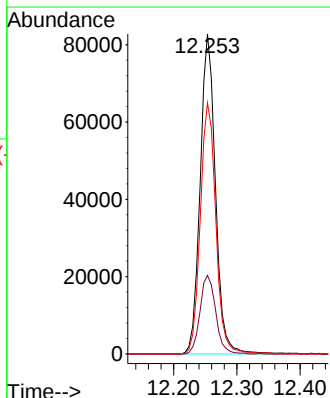
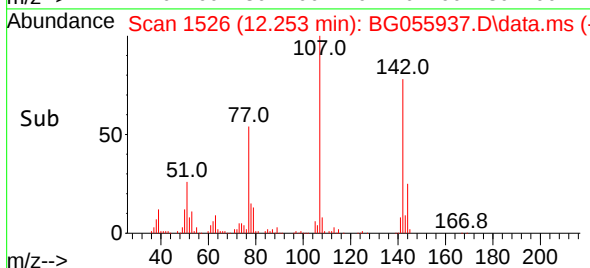
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

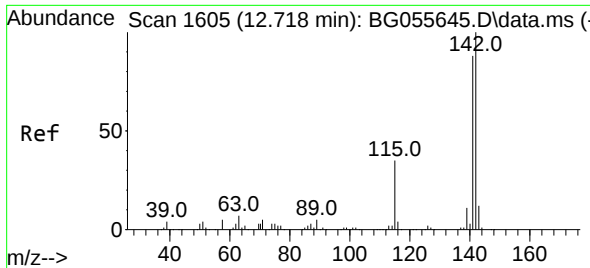


#36
4-Chloro-3-methylphenol
Concen: 48.333 ng
RT: 12.253 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



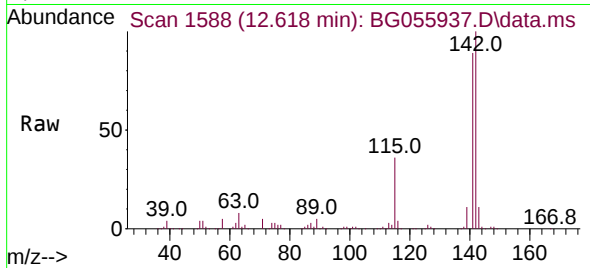
Tgt Ion:107 Resp: 138812
Ion Ratio Lower Upper
107 100
144 24.5 21.0 31.4
142 78.5 65.9 98.9





#37
2-Methylnaphthalene
Concen: 45.807 ng
RT: 12.618 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

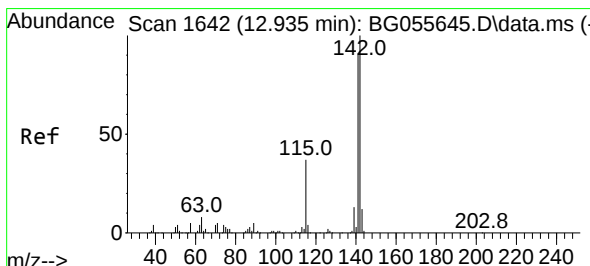
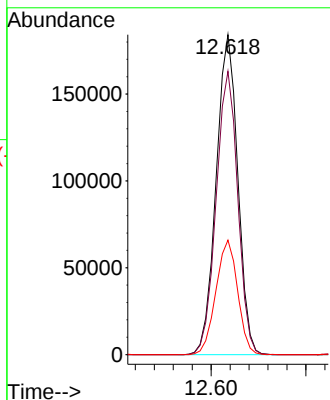
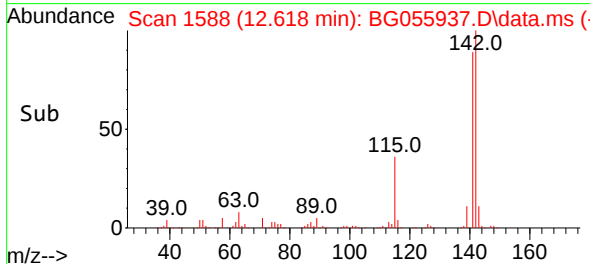
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:142 Resp: 291528
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 35.8 27.9 41.9

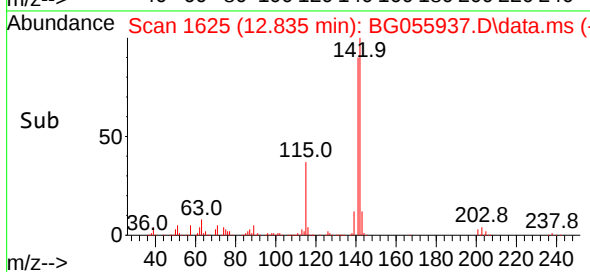
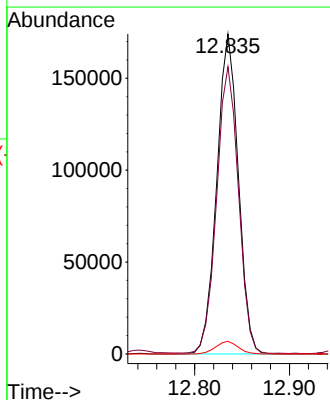
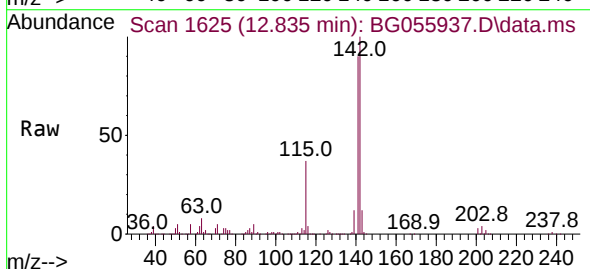
Manual Integrations
APPROVED

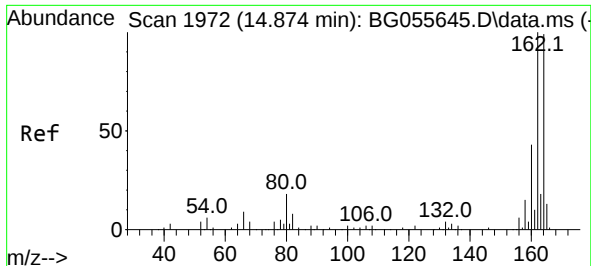
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#38
1-Methylnaphthalene
Concen: 44.430 ng
RT: 12.835 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:142 Resp: 274507
Ion Ratio Lower Upper
142 100
141 89.7 73.0 109.4
116 3.9 3.1 4.7





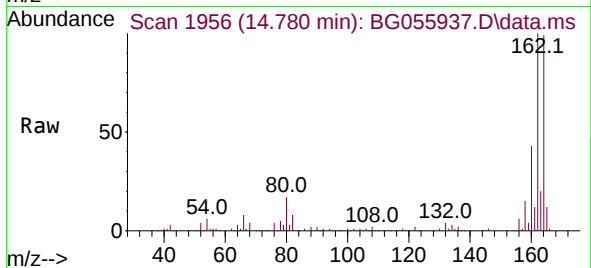
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

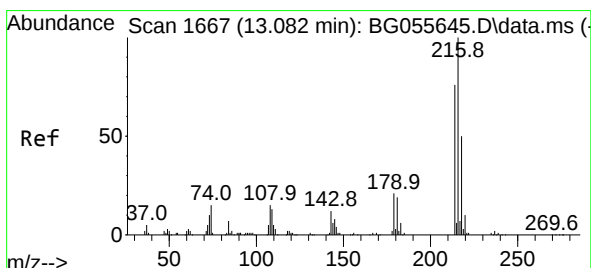
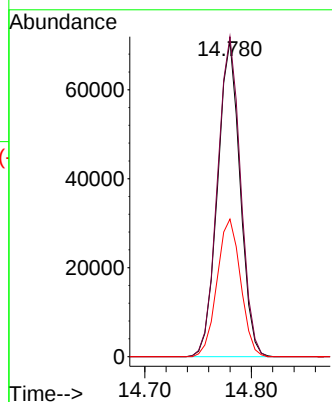
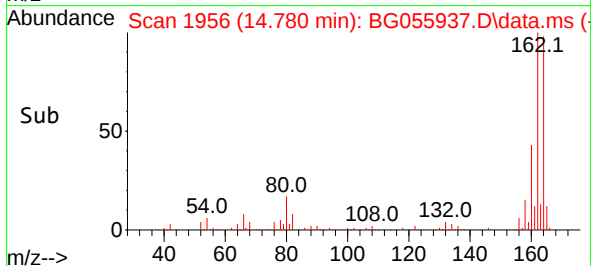


Tgt Ion:164 Resp: 103879
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 43.6 34.8 52.2

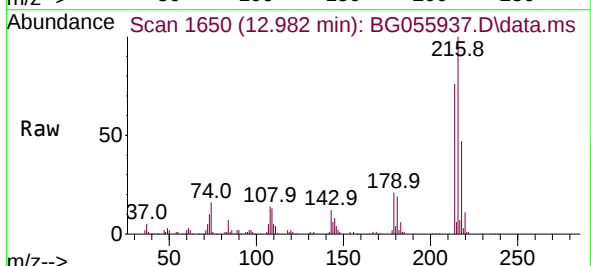
Manual Integrations

APPROVED

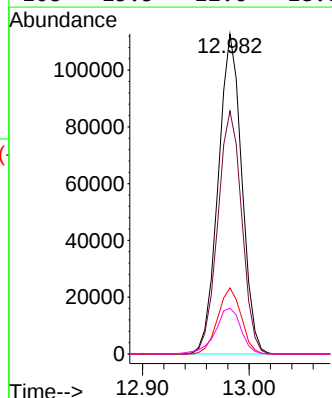
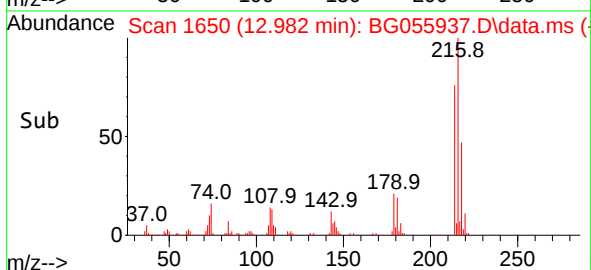
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

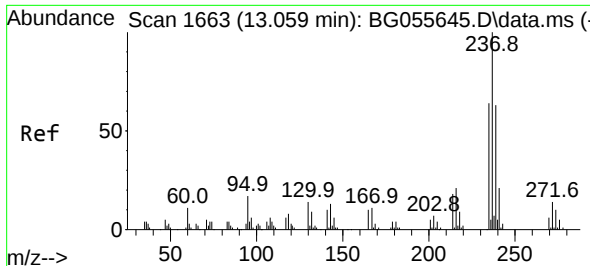


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.107 ng
RT: 12.982 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



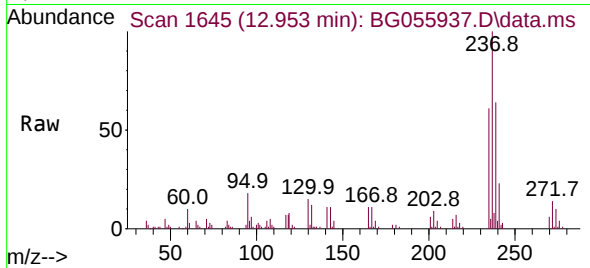
Tgt Ion:216 Resp: 173365
Ion Ratio Lower Upper
216 100
214 77.2 62.1 93.1
179 20.5 16.5 24.7
108 15.5 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 27.594 ng
RT: 12.953 min Scan# 110
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

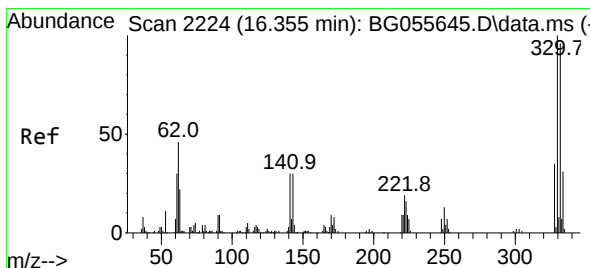
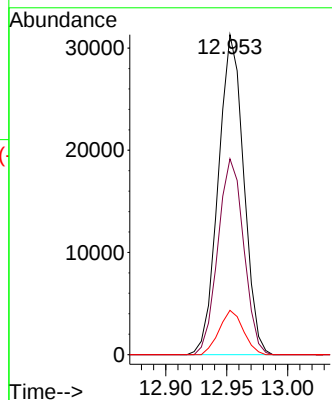
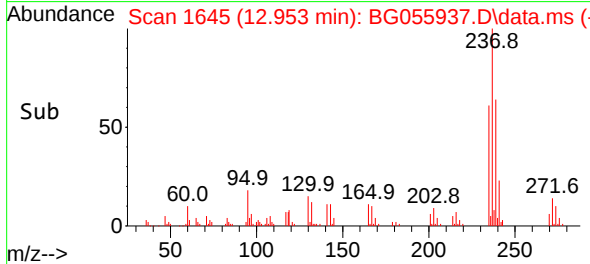
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



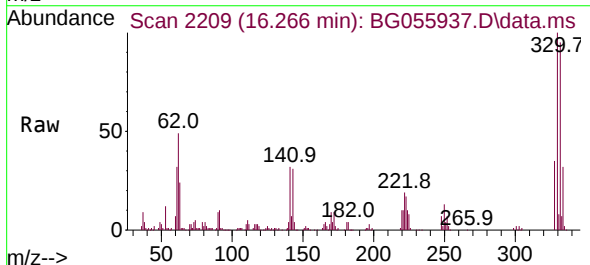
Tgt Ion:237 Resp: 45400
Ion Ratio Lower Upper
237 100
235 61.2 43.7 83.7
272 13.8 0.0 33.6

Manual Integrations
APPROVED

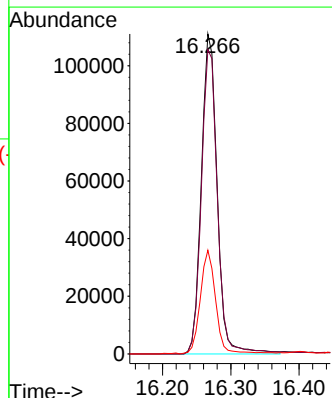
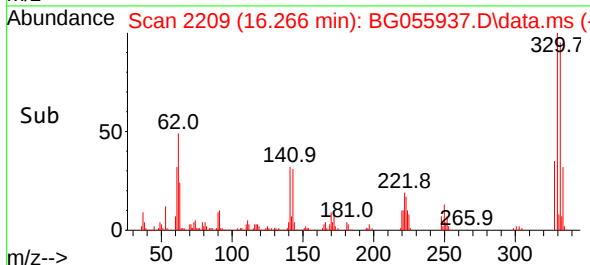
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

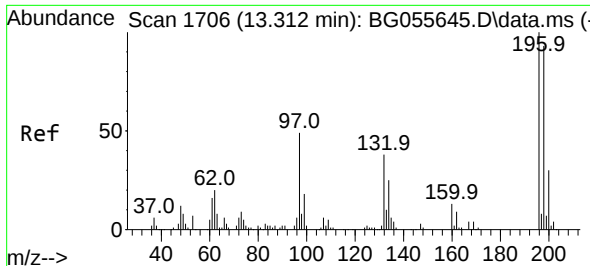


#42
2,4,6-Tribromophenol
Concen: 122.347 ng
RT: 16.266 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:330 Resp: 178963
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 31.7 23.9 35.9





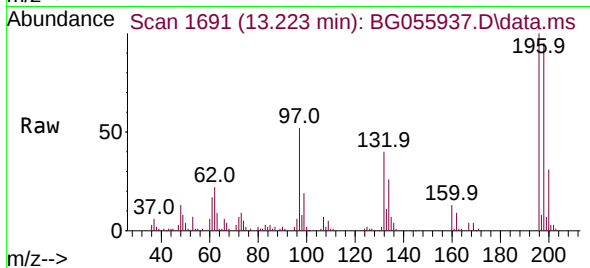
#43
2,4,6-Trichlorophenol
Concen: 46.571 ng
RT: 13.223 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

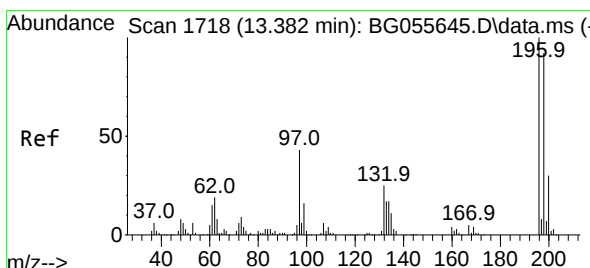
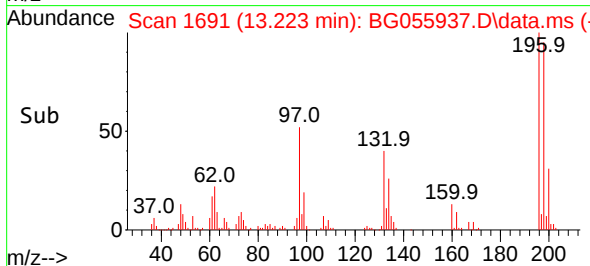
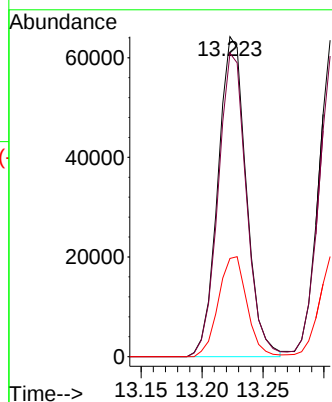


Tgt Ion:196 Resp: 103705
Ion Ratio Lower Upper
196 100
198 94.8 74.6 112.0
200 30.7 23.7 35.5

Manual Integrations

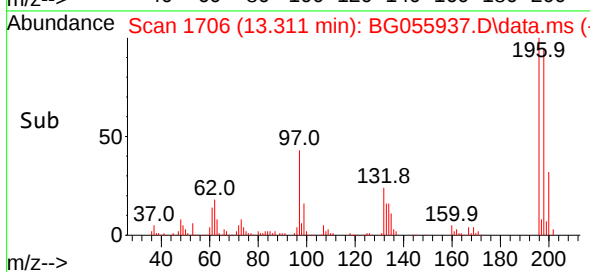
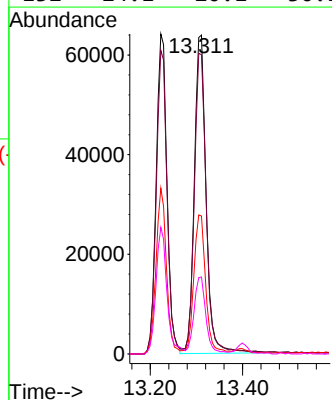
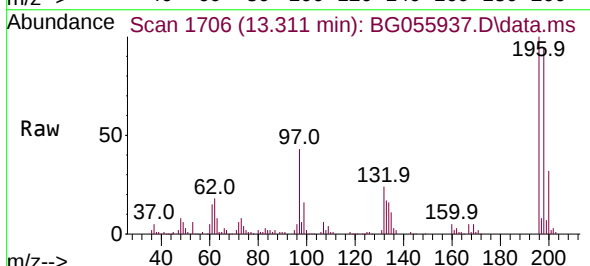
APPROVED

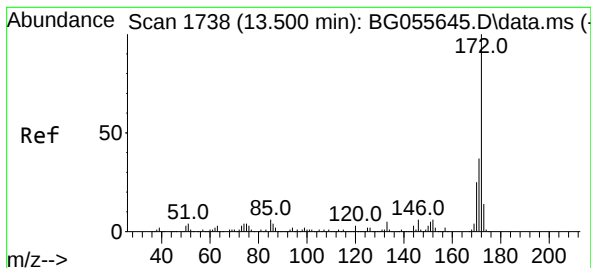
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#44
2,4,5-Trichlorophenol
Concen: 46.530 ng
RT: 13.311 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:196 Resp: 113864
Ion Ratio Lower Upper
196 100
198 93.8 74.1 111.1
97 43.3 34.8 52.2
132 24.1 20.1 30.1





#45

2-Fluorobiphenyl

Concen: 87.399 ng

RT: 13.399 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

Tgt Ion:172 Resp: 606016

Ion Ratio Lower Upper

172 100

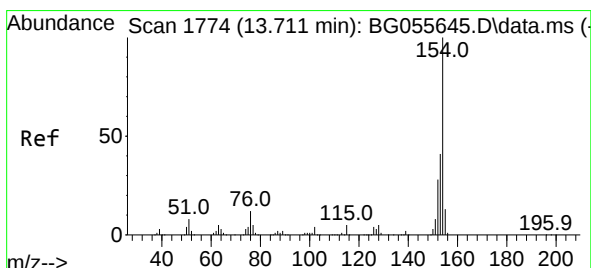
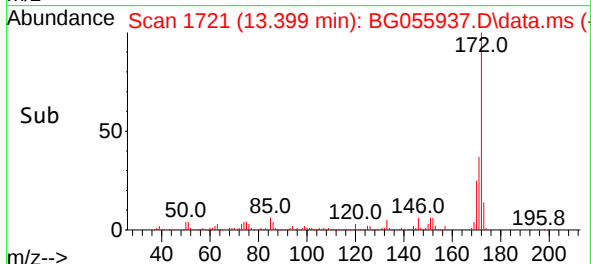
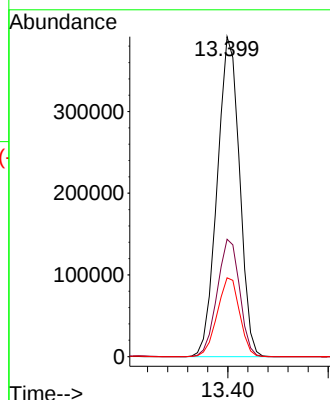
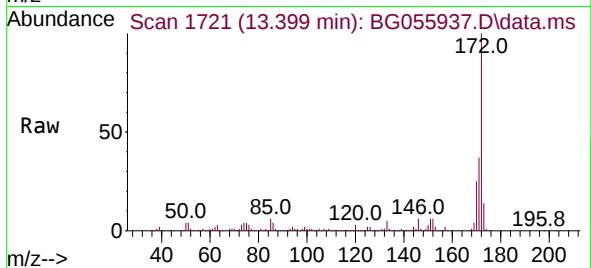
171 36.7 29.8 44.6

170 24.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#46

1,1'-Biphenyl

Concen: 51.206 ng

RT: 13.611 min Scan# 1757

Delta R.T. -0.006 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

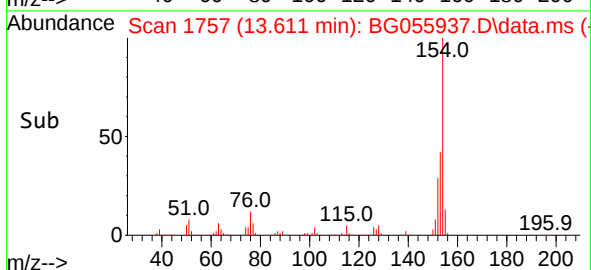
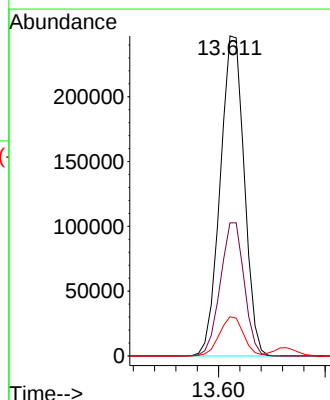
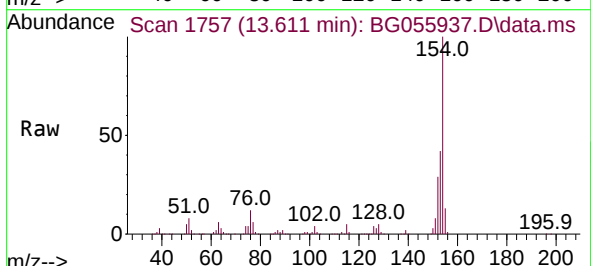
Tgt Ion:154 Resp: 387624

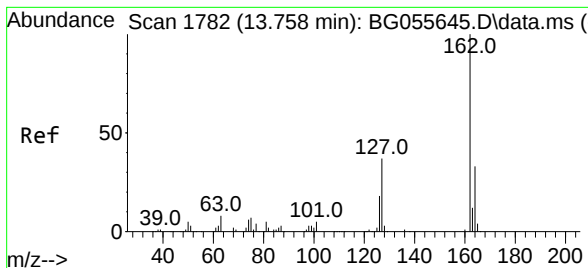
Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

76 12.2 0.0 32.4





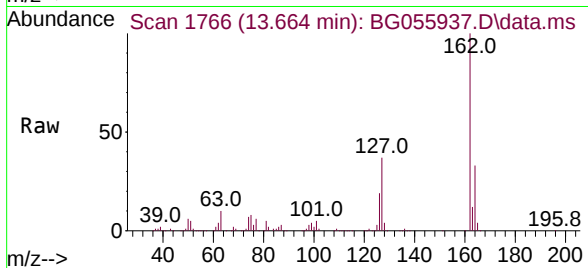
#47
2-Chloronaphthalene
Concen: 50.240 ng
RT: 13.664 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

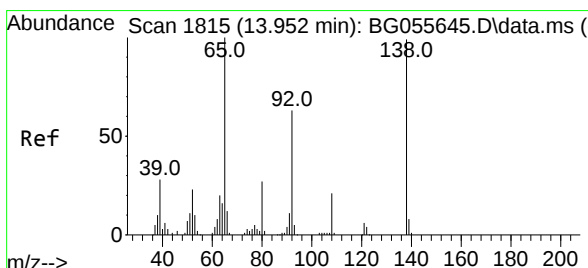
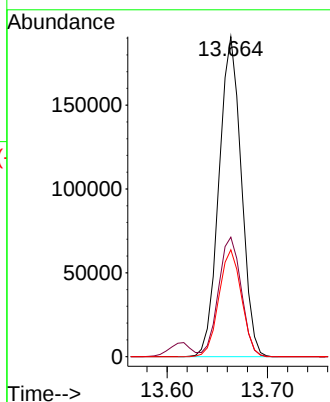
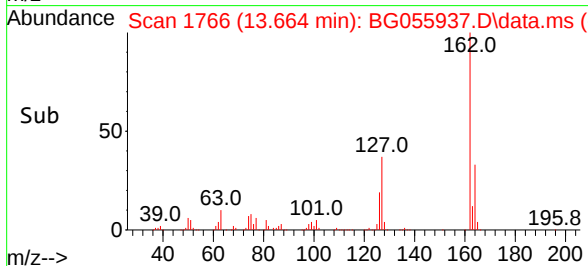


Tgt Ion:162 Resp: 295604
Ion Ratio Lower Upper
162 100
127 37.3 29.9 44.9
164 33.4 26.4 39.6

Manual Integrations

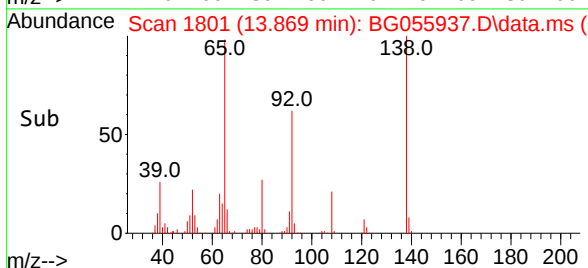
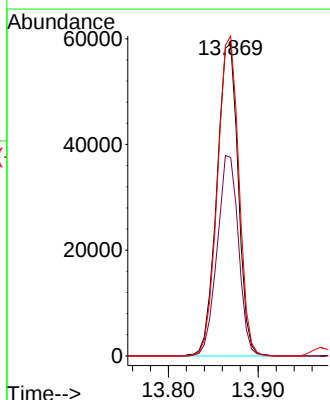
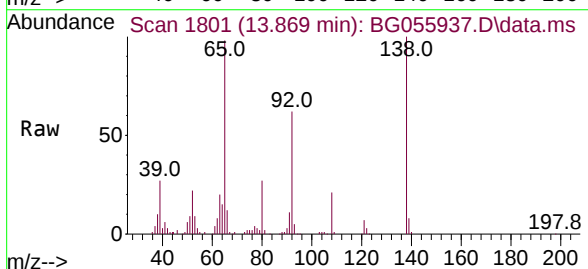
APPROVED

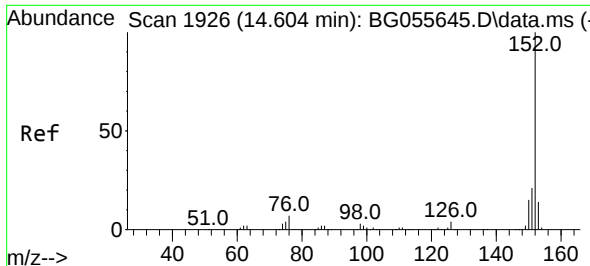
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#48
2-Nitroaniline
Concen: 50.481 ng
RT: 13.869 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion: 65 Resp: 97652
Ion Ratio Lower Upper
65 100
92 63.5 50.1 75.1
138 102.4 79.4 119.0





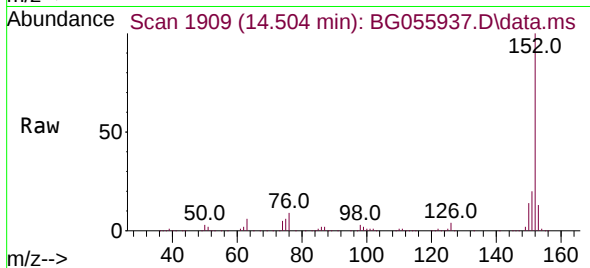
#49
Acenaphthylene
Concen: 48.776 ng
RT: 14.504 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

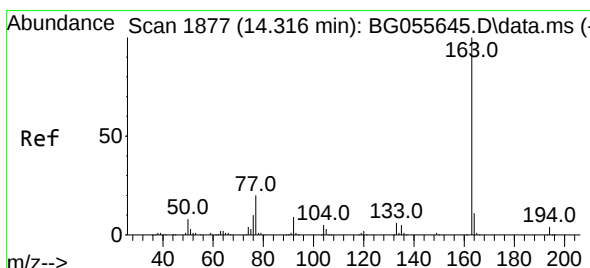
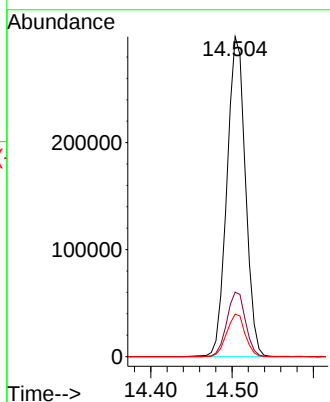
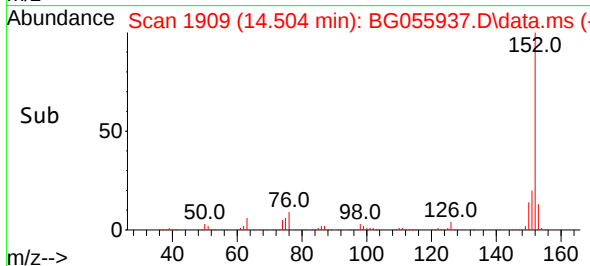


Tgt Ion:152 Resp: 472584
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 11.0 16.4

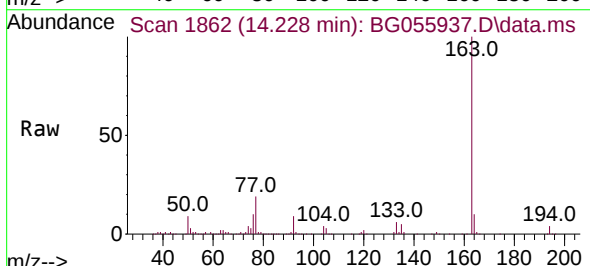
Manual Integrations

APPROVED

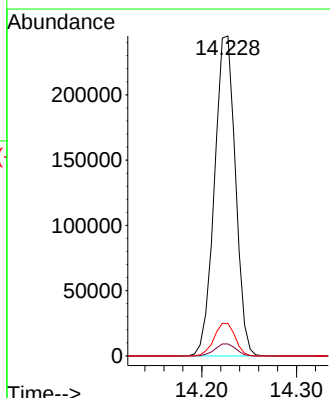
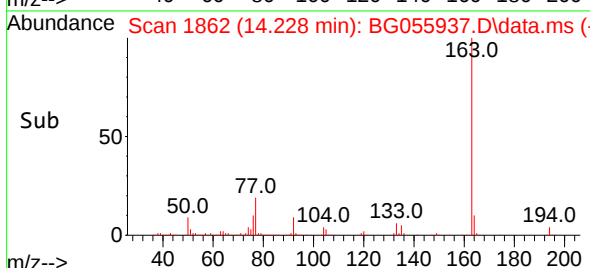
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

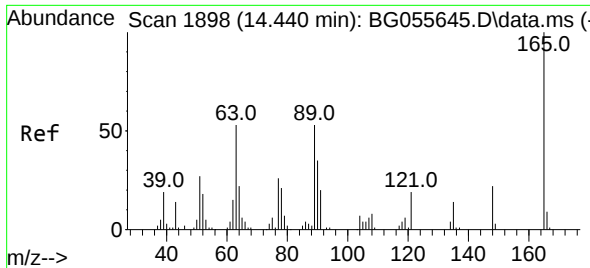


#50
Dimethylphthalate
Concen: 45.479 ng
RT: 14.228 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



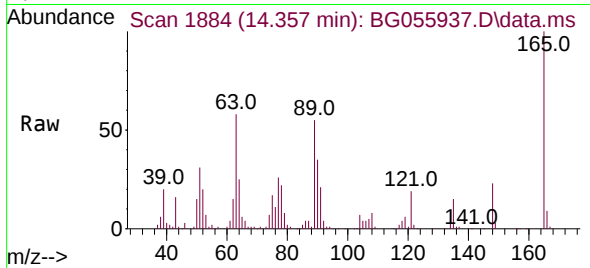
Tgt Ion:163 Resp: 376601
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 48.716 ng
RT: 14.357 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

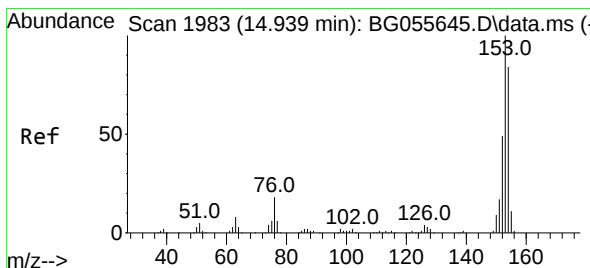
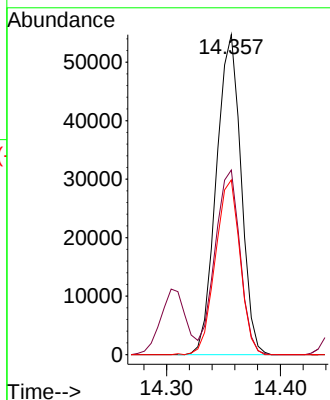
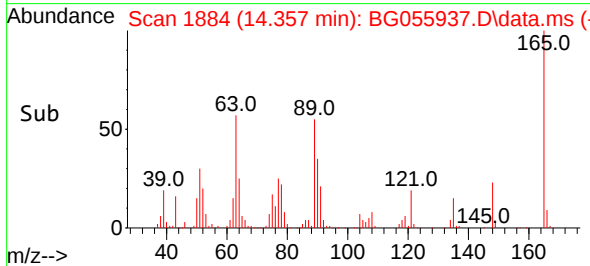
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



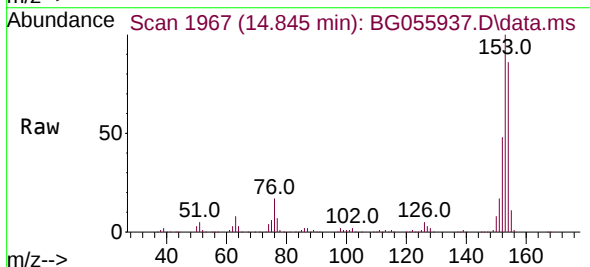
Tgt Ion:165 Resp: 82484
Ion Ratio Lower Upper
165 100
63 57.7 44.6 66.8
89 54.6 42.2 63.4

Manual Integrations
APPROVED

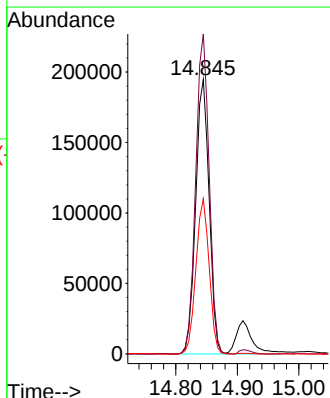
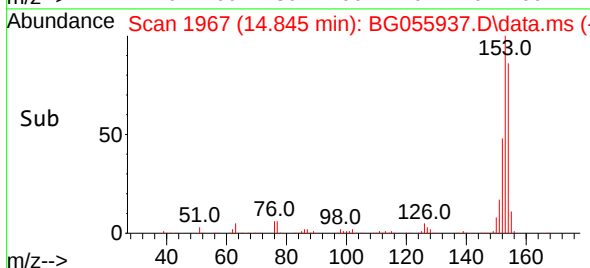
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

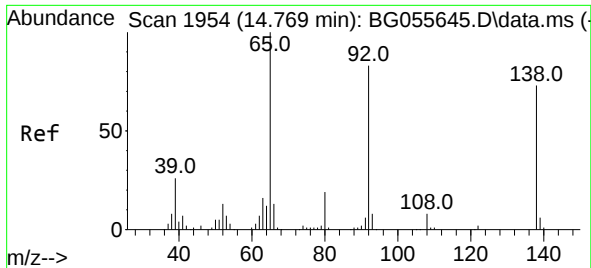


#52
Acenaphthene
Concen: 53.221 ng m
RT: 14.845 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



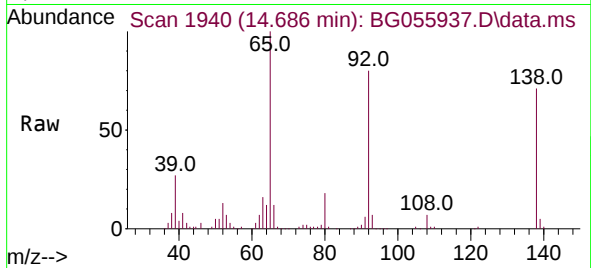
Tgt Ion:154 Resp: 337015
Ion Ratio Lower Upper
154 100
153 116.6 95.0 142.4
152 56.5 46.1 69.1





#53
3-Nitroaniline
Concen: 34.553 ng
RT: 14.686 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

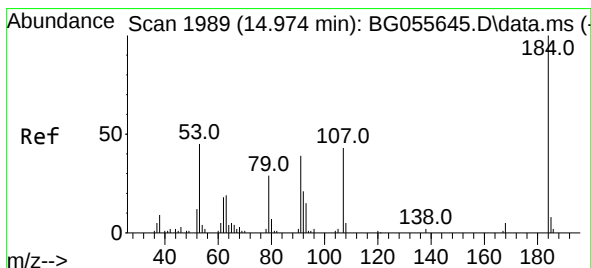
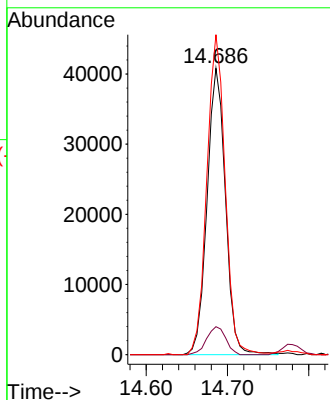
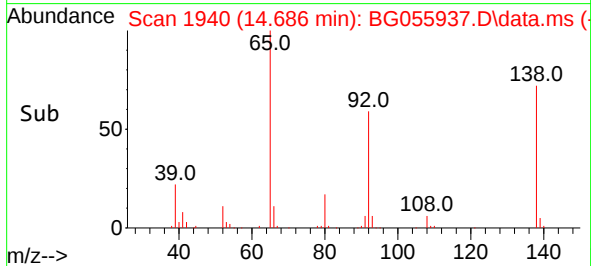
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:138 Resp: 64223
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 111.7 91.0 136.6

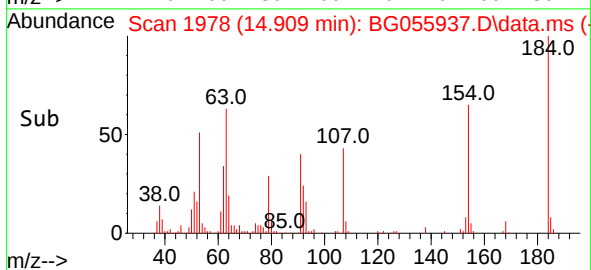
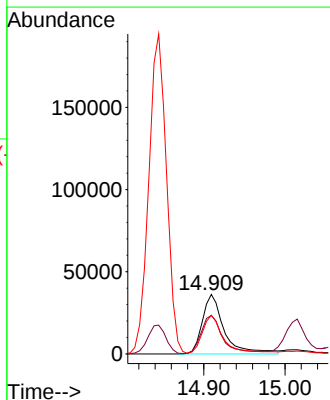
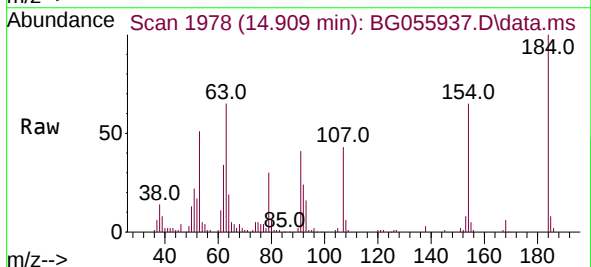
Manual Integrations
APPROVED

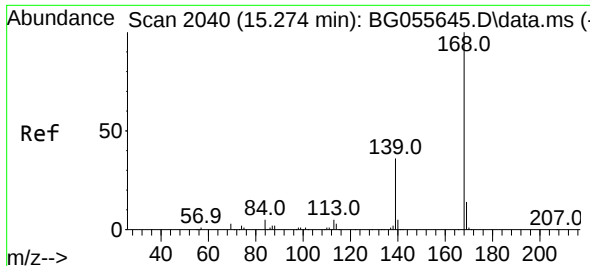
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#54
2,4-Dinitrophenol
Concen: 69.172 ng
RT: 14.909 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

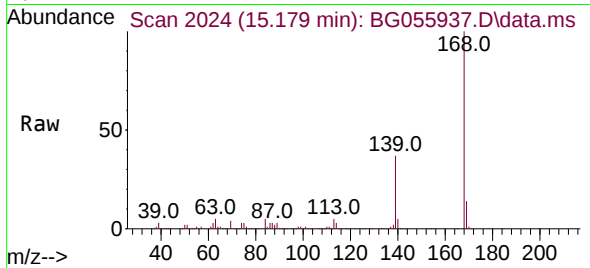
Tgt Ion:184 Resp: 67339
Ion Ratio Lower Upper
184 100
63 64.7 49.5 74.3
154 65.1 52.0 78.0





#55
Dibenzenofuran
Concen: 48.758 ng
RT: 15.179 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

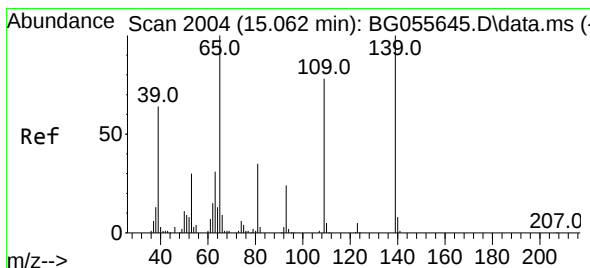
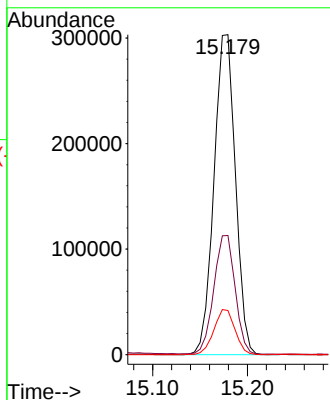
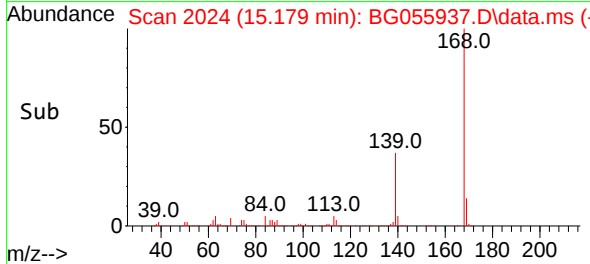
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:168 Resp: 476303
Ion Ratio Lower Upper
168 100
139 37.2 28.8 43.2
169 13.8 11.0 16.4

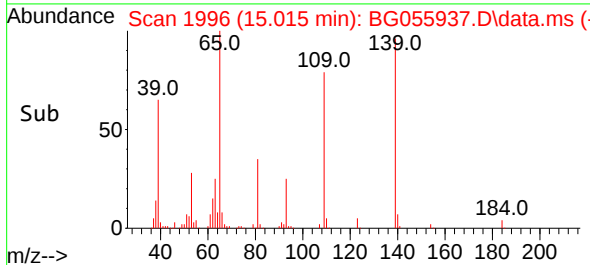
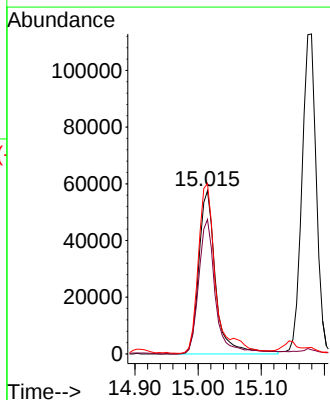
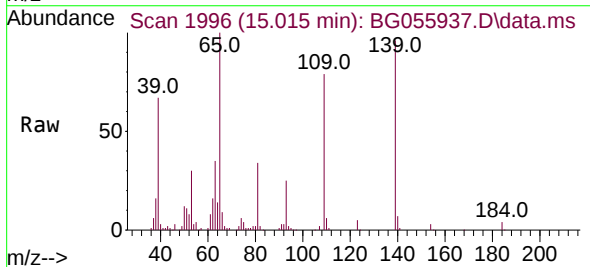
Manual Integrations
APPROVED

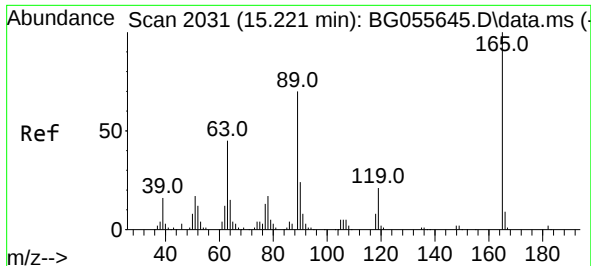
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 73.110 ng
RT: 15.015 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:139 Resp: 106652
Ion Ratio Lower Upper
139 100
109 82.5 58.6 98.6
65 104.4 80.5 120.5





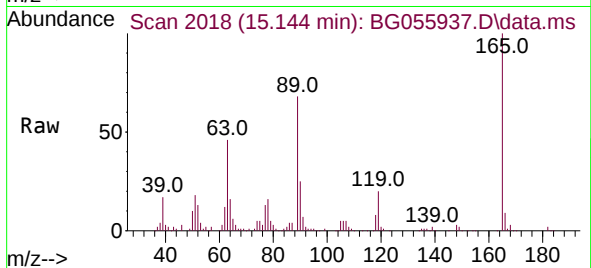
#57
2,4-Dinitrotoluene
Concen: 48.694 ng
RT: 15.144 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

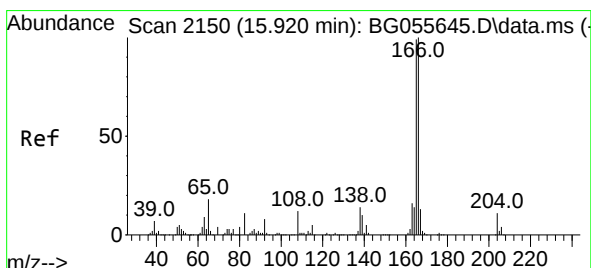
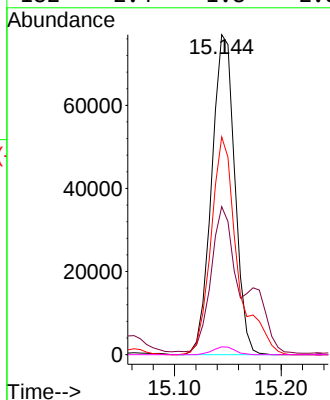
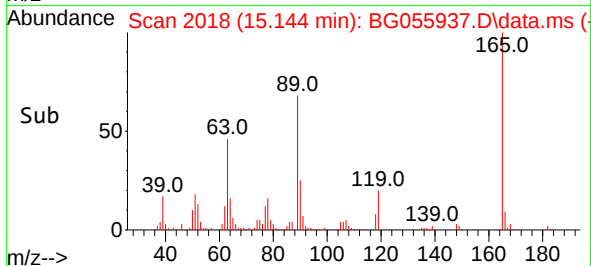


Tgt Ion:165 Resp: 116242
Ion Ratio Lower Upper
165 100
63 46.2 35.8 53.8
89 68.0 56.2 84.4
182 2.4 1.8 2.8

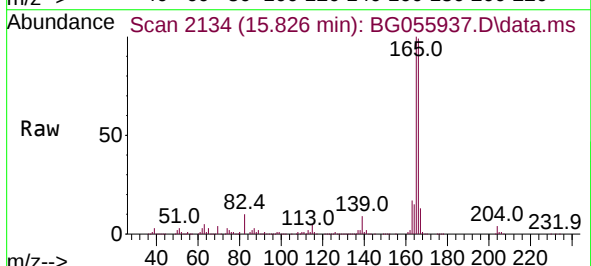
Manual Integrations

APPROVED

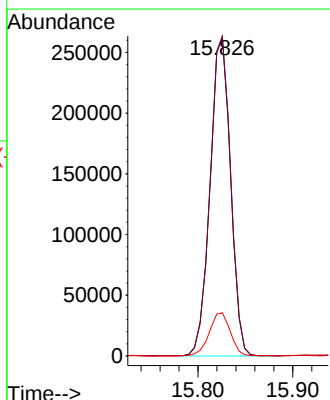
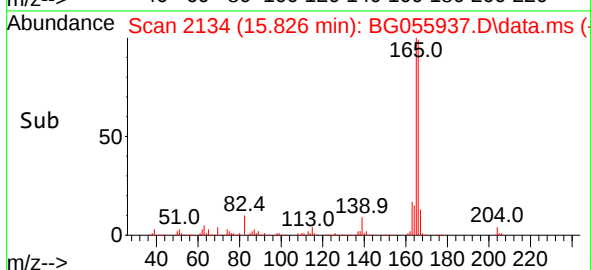
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

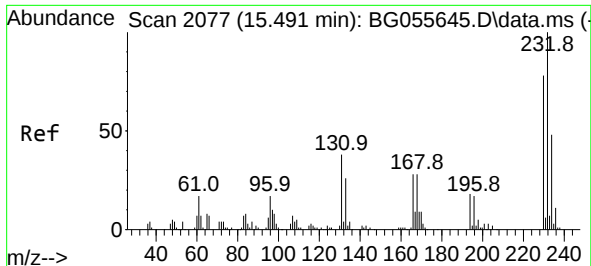


#58
Fluorene
Concen: 50.409 ng
RT: 15.826 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:166 Resp: 393304
Ion Ratio Lower Upper
166 100
165 100.6 79.3 118.9
167 13.5 10.6 15.8





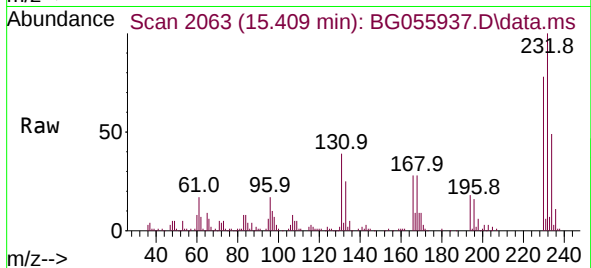
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.588 ng
RT: 15.409 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

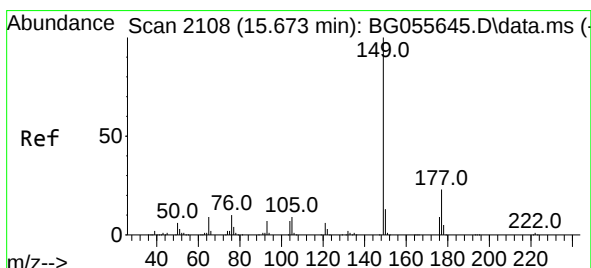
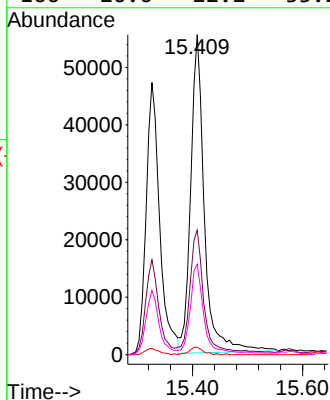
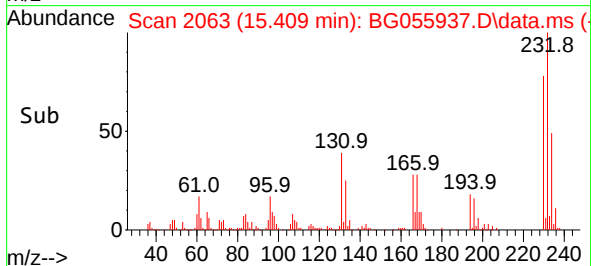


Tgt Ion:232 Resp: 96239
Ion Ratio Lower Upper
232 100
131 41.3 29.8 44.8
130 2.3 1.7 2.5
166 26.6 22.2 33.2

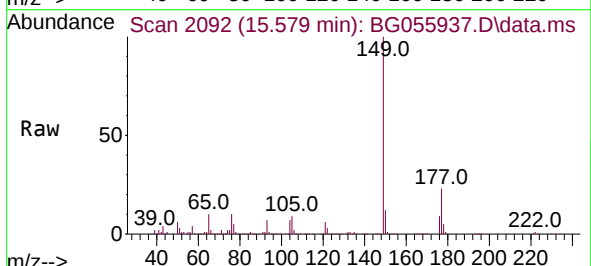
Manual Integrations

APPROVED

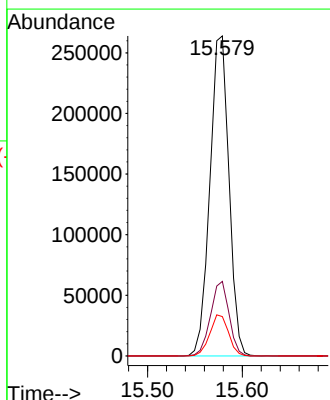
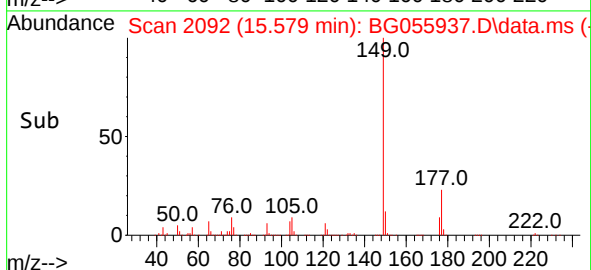
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

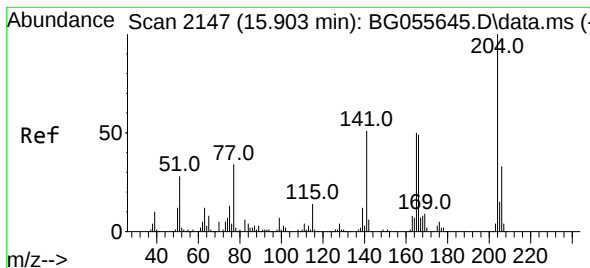


#60
Diethylphthalate
Concen: 44.043 ng
RT: 15.579 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



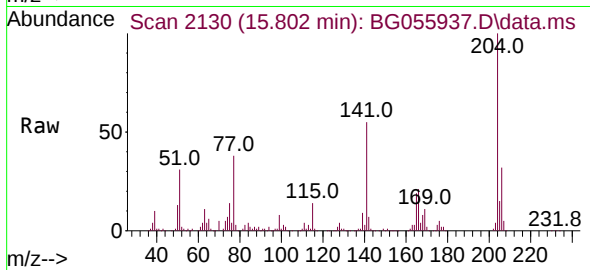
Tgt Ion:149 Resp: 368731
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.760 ng
RT: 15.802 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

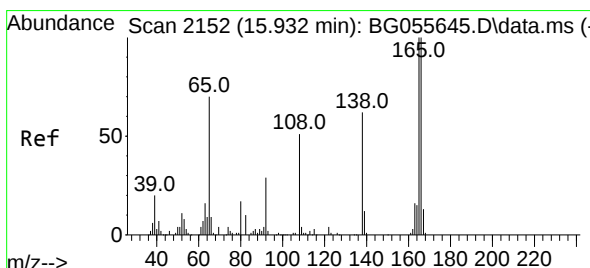
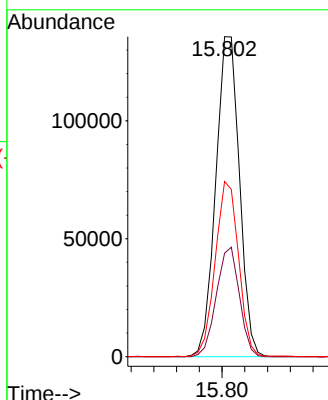
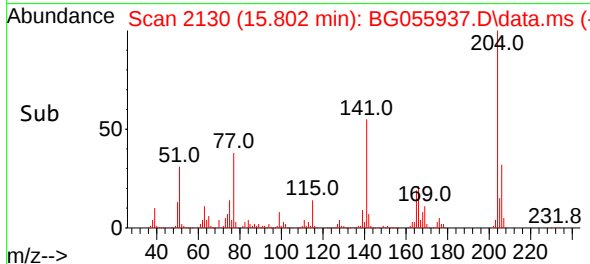
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:204 Resp: 196259
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 54.7 40.6 61.0

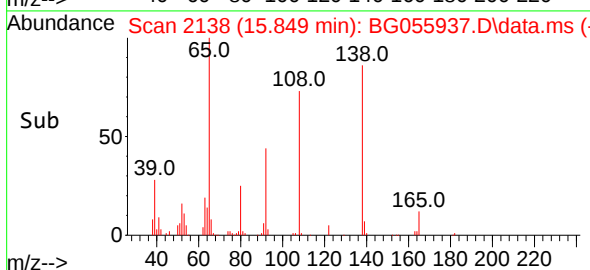
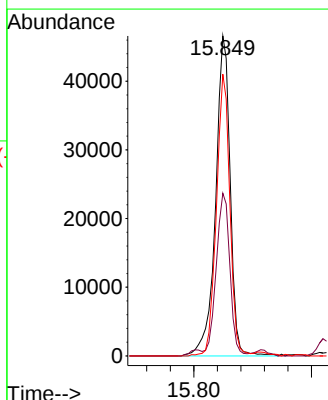
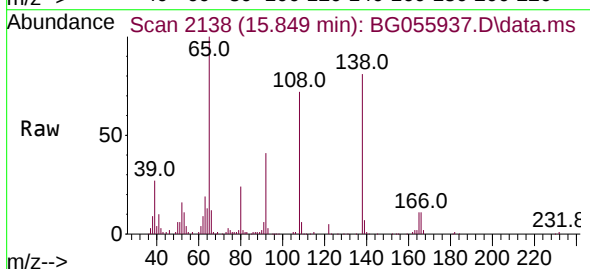
Manual Integrations
APPROVED

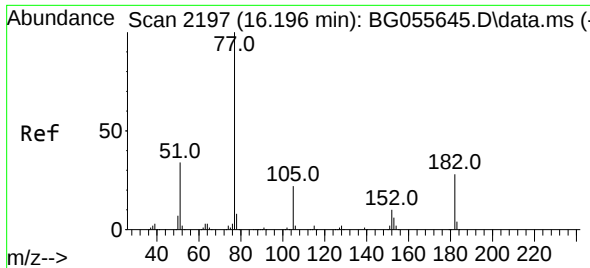
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 41.344 ng
RT: 15.849 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:138 Resp: 80330
Ion Ratio Lower Upper
138 100
92 50.8 27.3 67.3
108 88.0 62.8 102.8





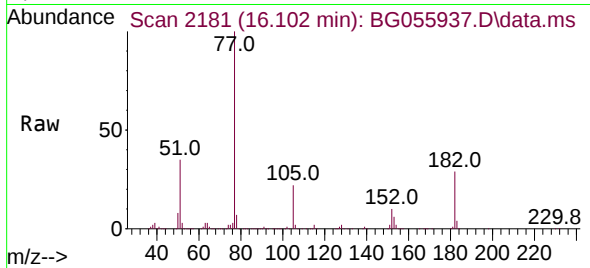
#63
Azobenzene
Concen: 46.051 ng
RT: 16.102 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

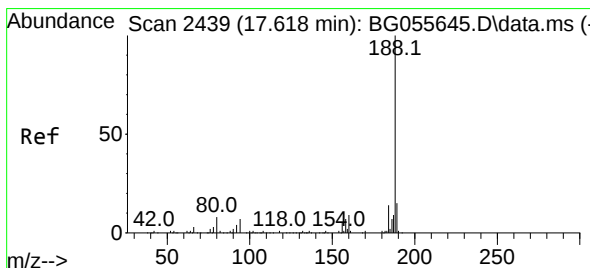
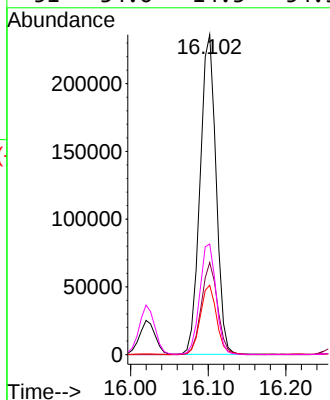
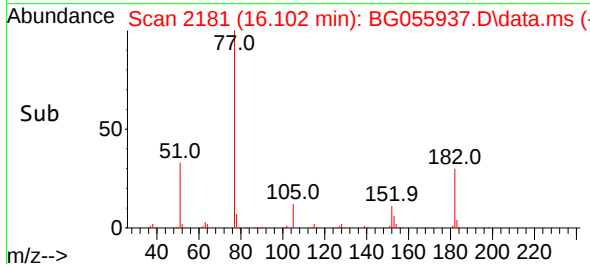


Tgt Ion: 77 Resp: 336595
Ion Ratio Lower Upper
77 100
182 28.8 8.1 48.1
105 21.7 1.8 41.8
51 34.6 14.3 54.3

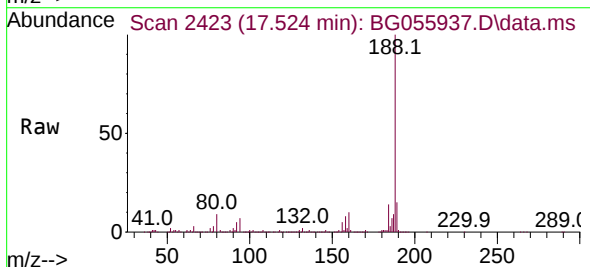
Manual Integrations

APPROVED

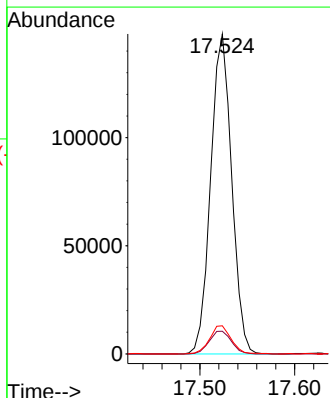
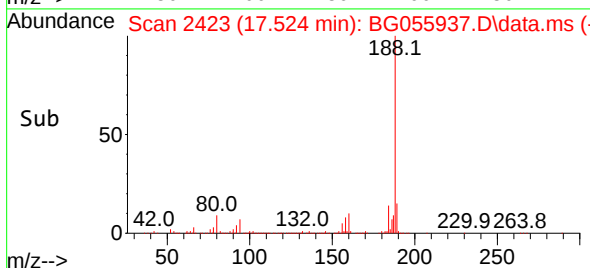
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

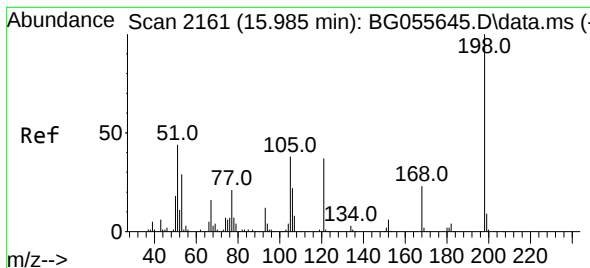


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:188 Resp: 227445
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.8 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 44.140 ng
RT: 15.914 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

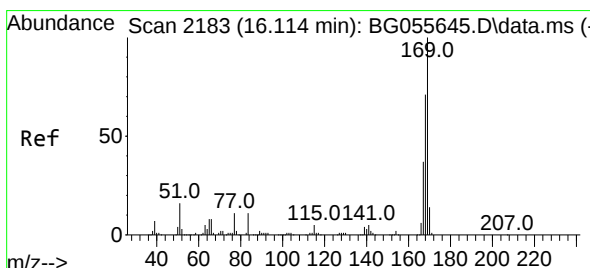
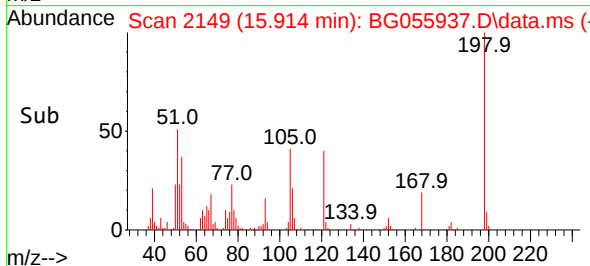
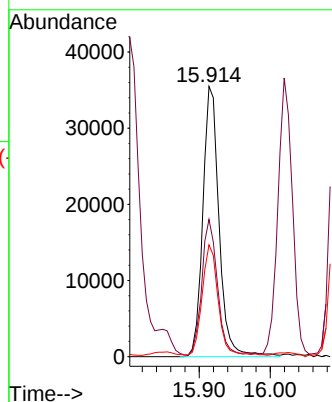
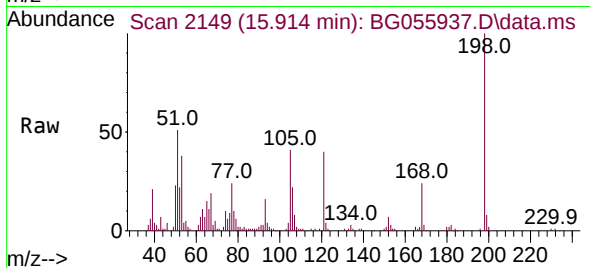
OK-01-120722MSD

Tgt Ion:198 Resp: 56059
Ion Ratio Lower Upper
198 100
51 50.8 27.7 67.7
105 41.4 19.3 59.3

Manual Integrations

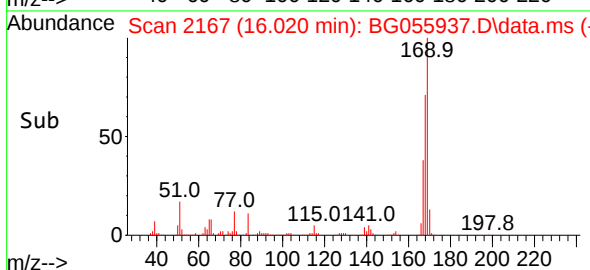
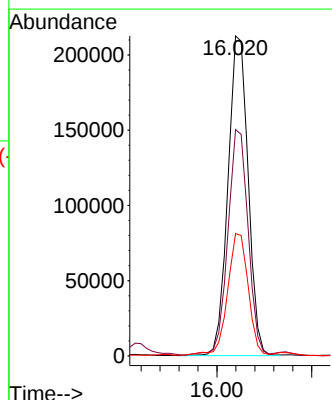
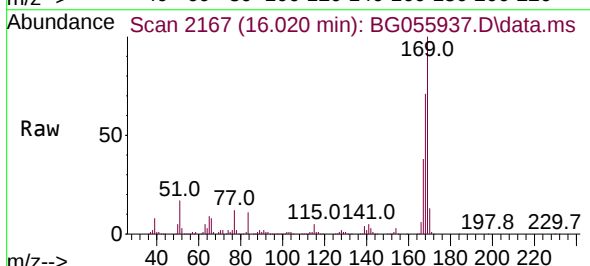
APPROVED

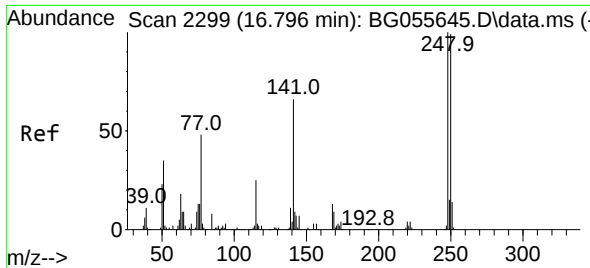
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 50.096 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

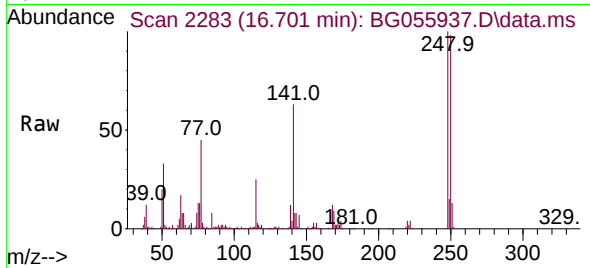
Tgt Ion:169 Resp: 314009
Ion Ratio Lower Upper
169 100
168 70.7 56.6 85.0
167 38.2 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 49.452 ng
RT: 16.701 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

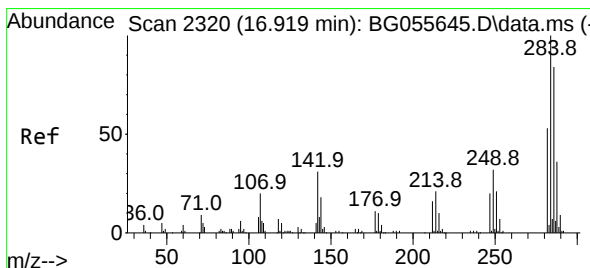
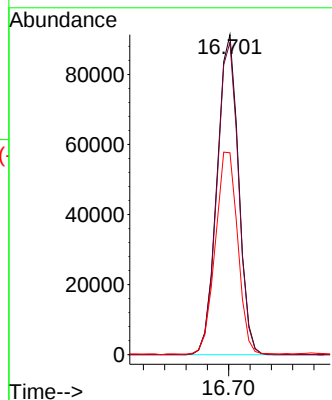
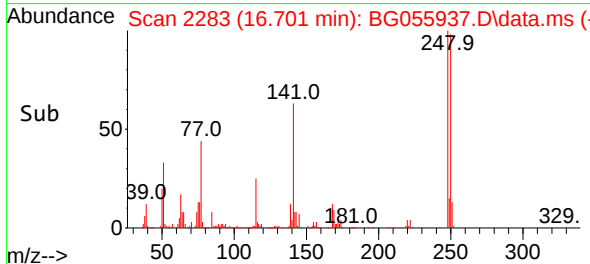
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



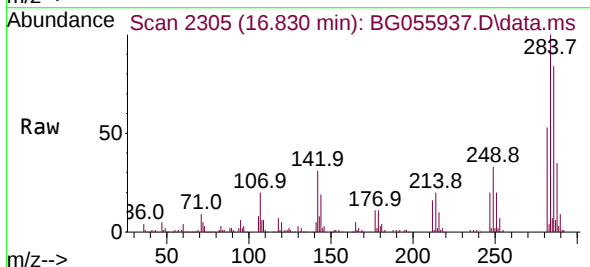
Tgt Ion:248 Resp: 12815
Ion Ratio Lower Upper
248 100
250 97.5 79.0 118.4
141 63.1 52.9 79.3

Manual Integrations
APPROVED

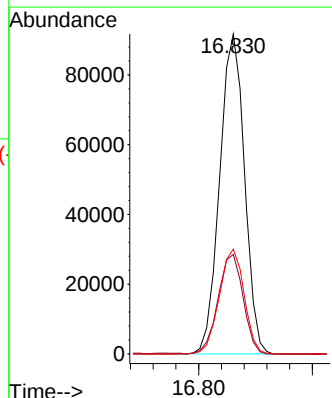
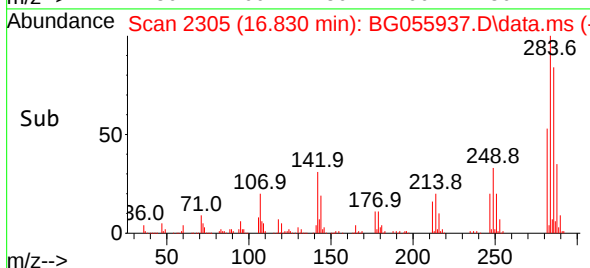
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

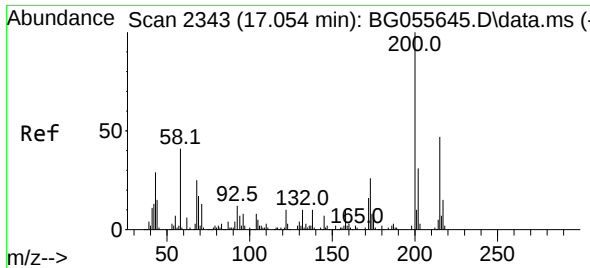


#68
Hexachlorobenzene
Concen: 48.355 ng
RT: 16.830 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



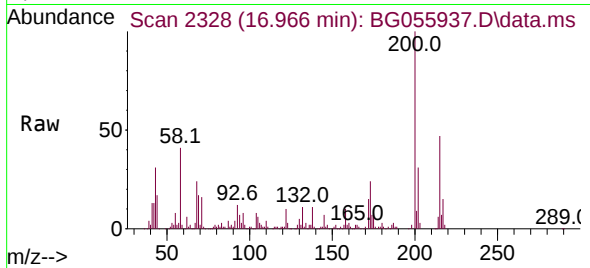
Tgt Ion:284 Resp: 138950
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 32.7 25.7 38.5





#69
 Atrazine
 Concen: 51.585 ng
 RT: 16.966 min Scan# 2343
 Delta R.T. 0.006 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

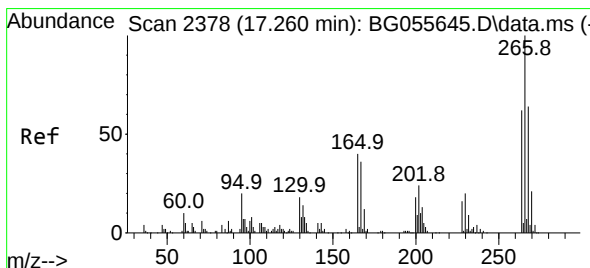
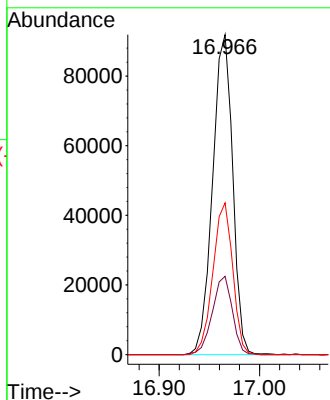
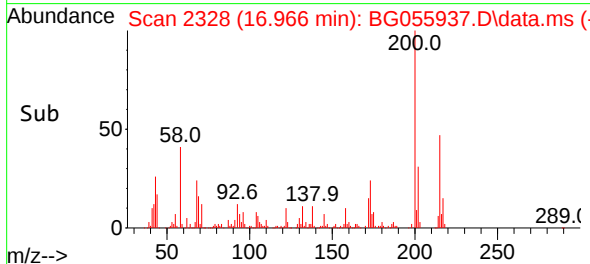
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD



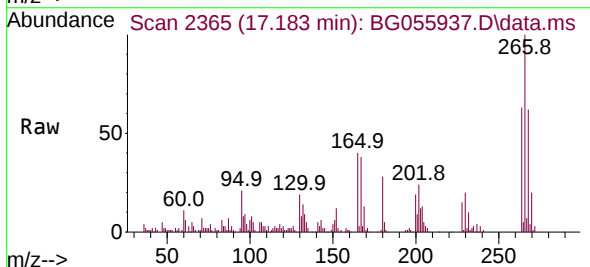
Tgt Ion:200 Resp: 127880
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.6 45.6
 215 47.4 27.2 67.2

Manual Integrations
 APPROVED

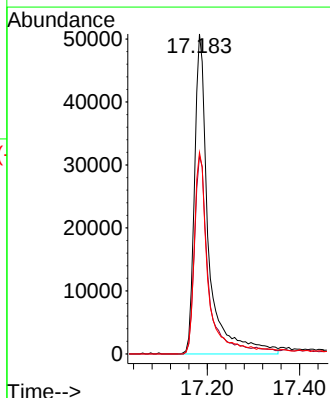
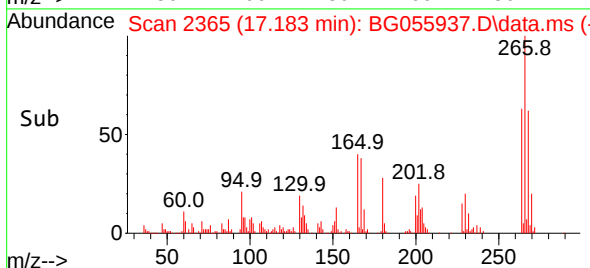
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

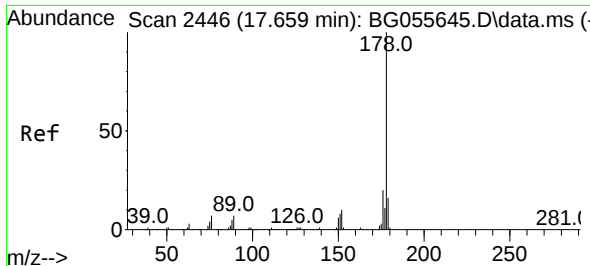


#70
 Pentachlorophenol
 Concen: 60.924 ng
 RT: 17.183 min Scan# 2365
 Delta R.T. 0.000 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30



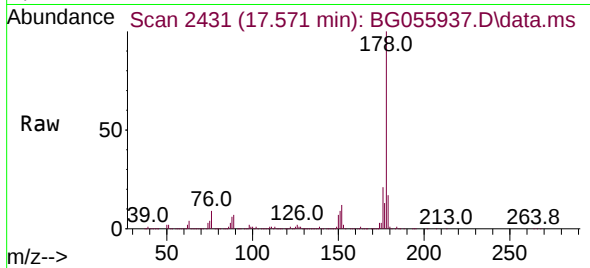
Tgt Ion:266 Resp: 107094
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.2 76.8
 264 63.0 49.5 74.3





#71
Phenanthrene
Concen: 120.553 ng
RT: 17.571 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

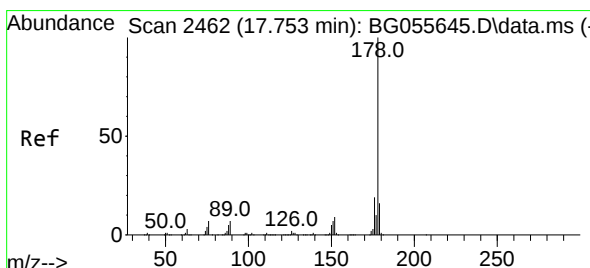
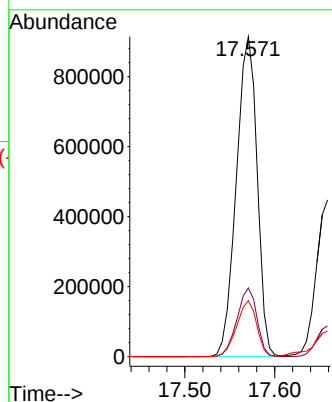
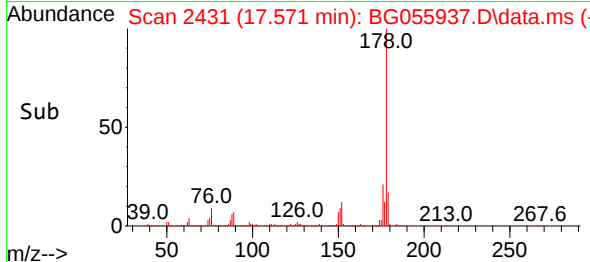
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:178 Resp: 1479662
Ion Ratio Lower Upper
178 100
176 21.5 16.0 24.0
179 17.5 12.7 19.1

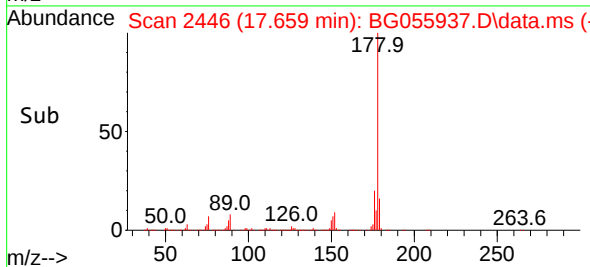
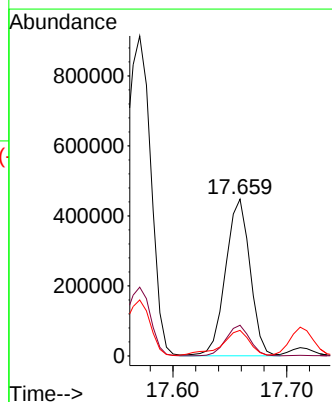
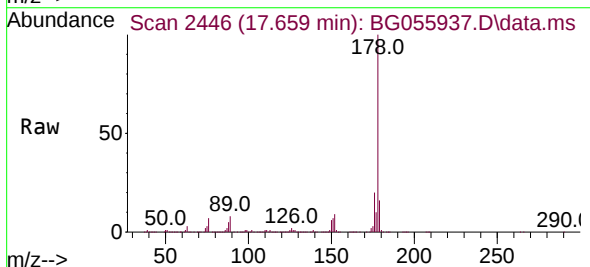
Manual Integrations
APPROVED

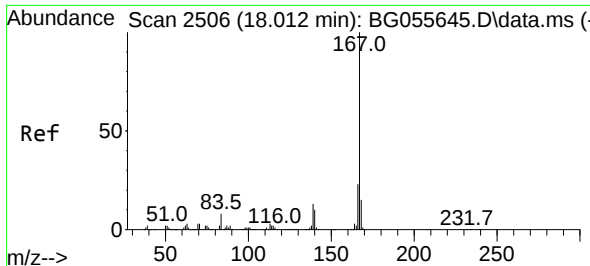
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#72
Anthracene
Concen: 56.263 ng
RT: 17.659 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

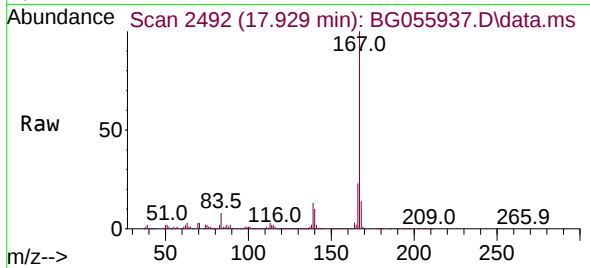
Tgt Ion:178 Resp: 670967
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.2 12.5 18.7





#73
 Carbazole
 Concen: 71.743 ng
 RT: 17.929 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

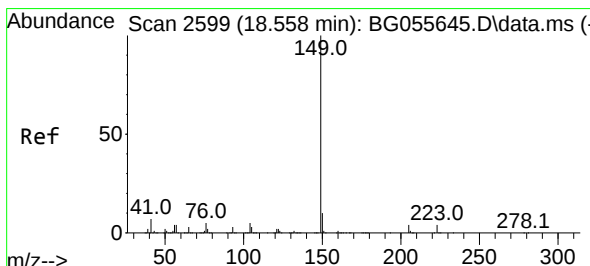
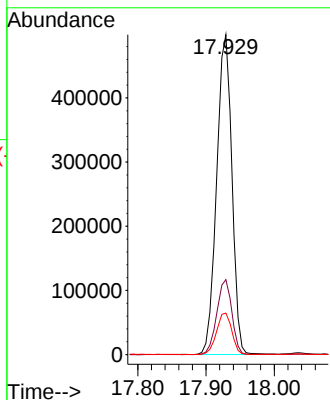
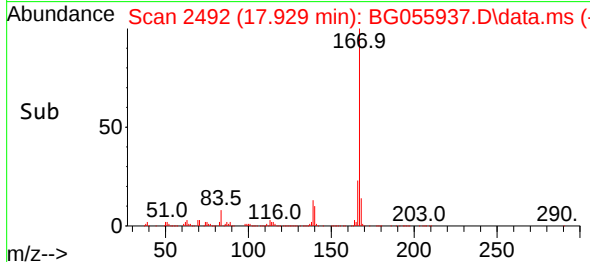
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD



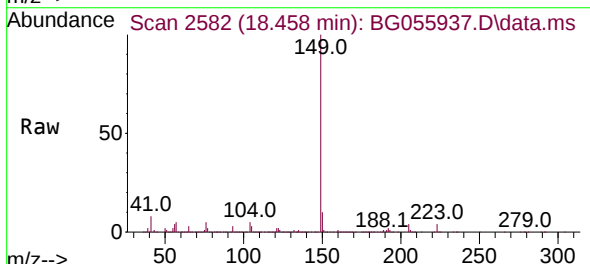
Tgt Ion:167 Resp: 769154
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 13.0 10.2 15.4

Manual Integrations
 APPROVED

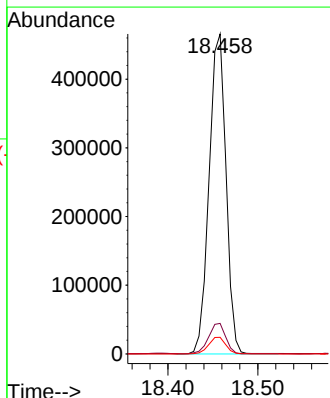
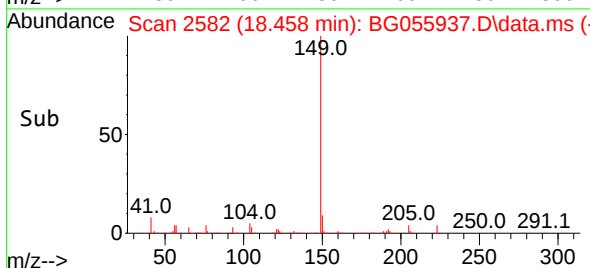
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

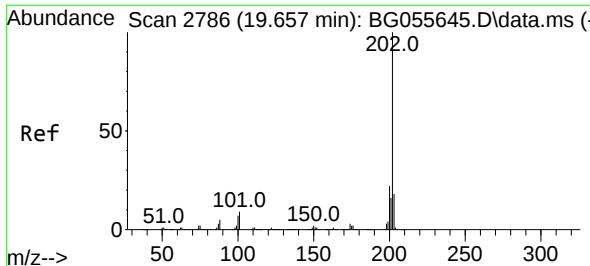


#74
 Di-n-butylphthalate
 Concen: 45.860 ng
 RT: 18.458 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30



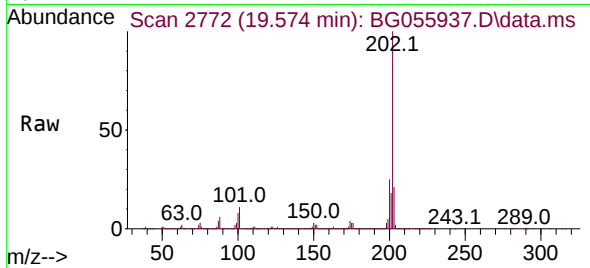
Tgt Ion:149 Resp: 610493
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 159.686 ng
RT: 19.574 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

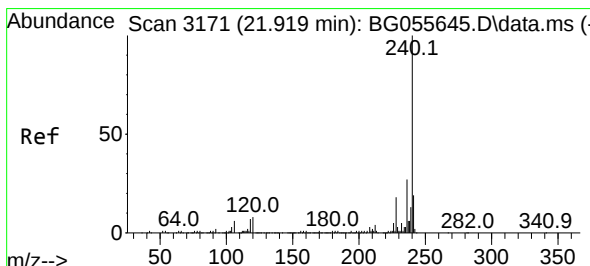
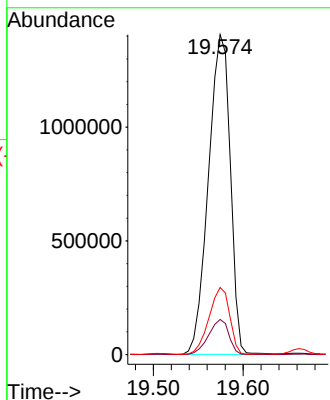
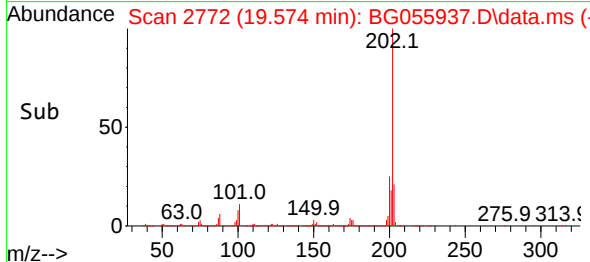
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:202 Resp: 238444
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.8
203 21.0 0.0 38.1

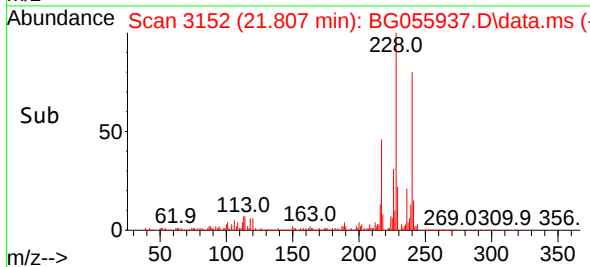
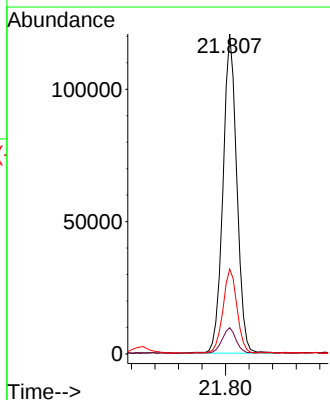
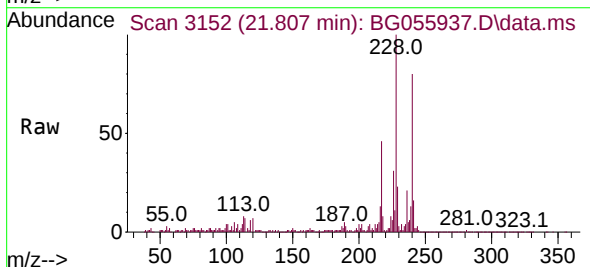
Manual Integrations
APPROVED

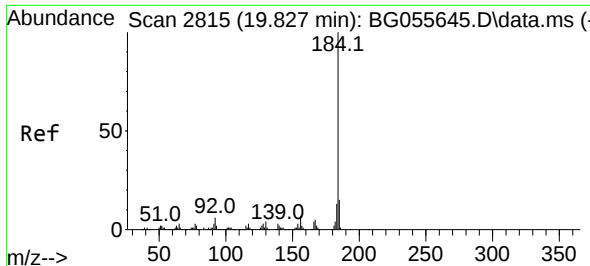
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.807 min Scan# 3152
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

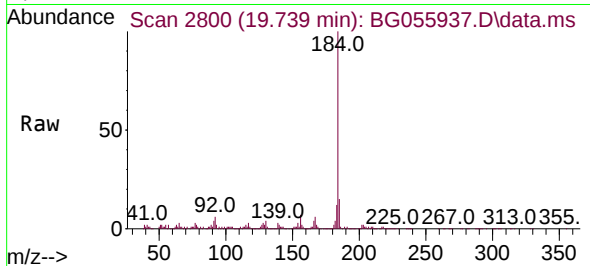
Tgt Ion:240 Resp: 197287
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.5 21.9 32.9





#77
Benzidine
Concen: 46.487 ng
RT: 19.739 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

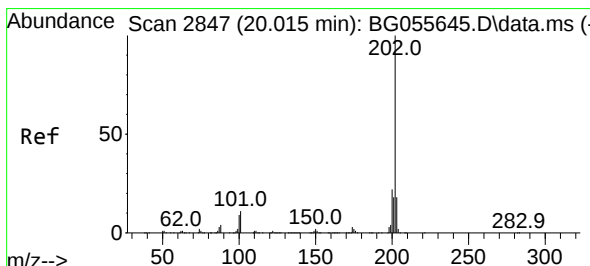
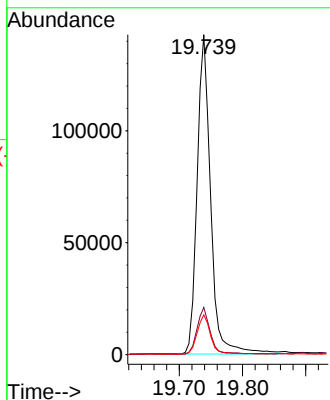
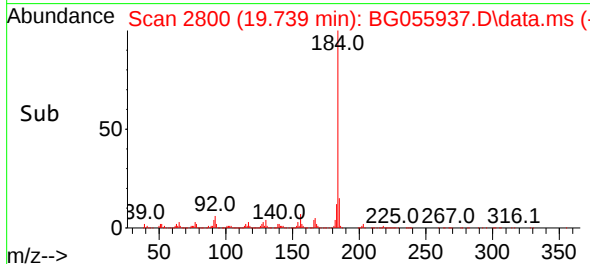
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:184 Resp: 21217
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 12.4 10.6 15.8

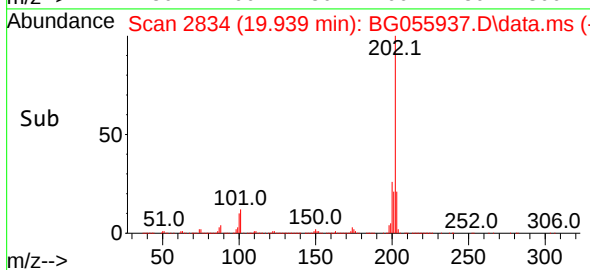
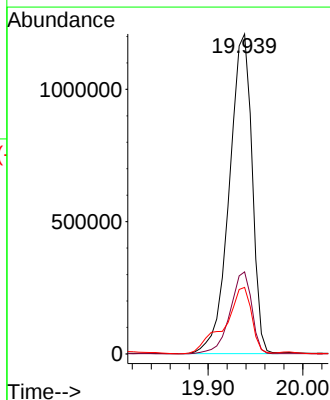
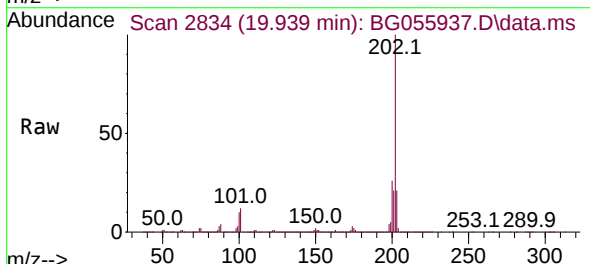
Manual Integrations
APPROVED

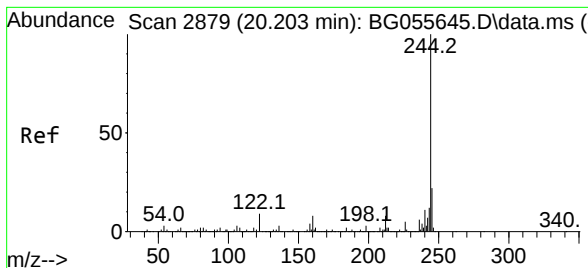
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#78
Pyrene
Concen: 151.096 ng
RT: 19.939 min Scan# 2834
Delta R.T. 0.012 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:202 Resp: 2017731
Ion Ratio Lower Upper
202 100
200 25.6 17.8 26.6
203 20.8 14.4 21.6





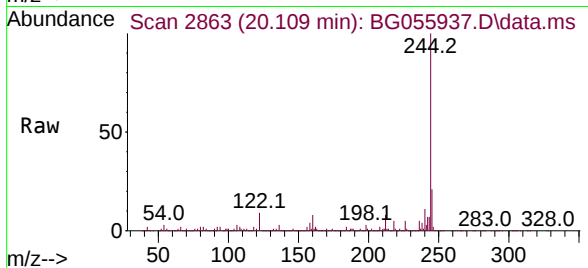
#79
 Terphenyl-d14
 Concen: 89.025 ng
 RT: 20.109 min Scan# 2879
 Delta R.T. 0.000 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

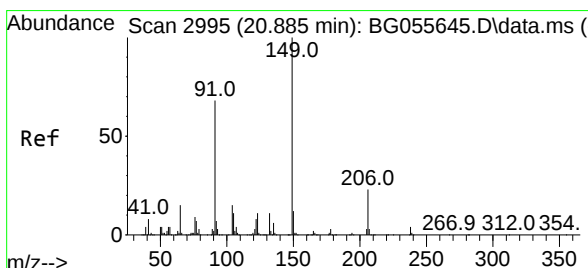
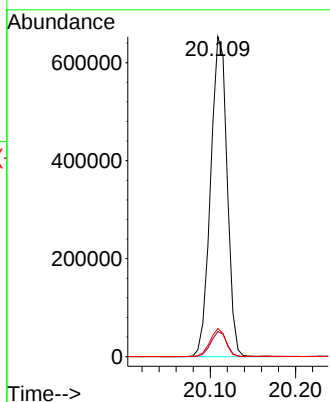
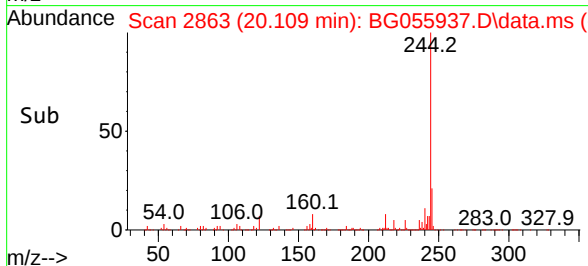


Tgt Ion:244 Resp: 878120
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.8 6.9 10.3

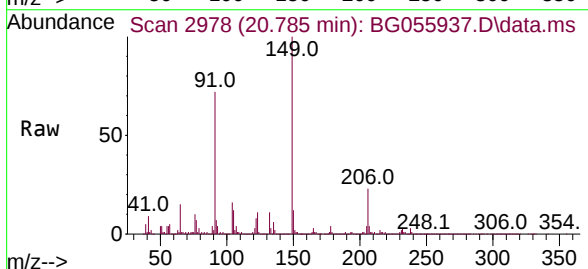
Manual Integrations

APPROVED

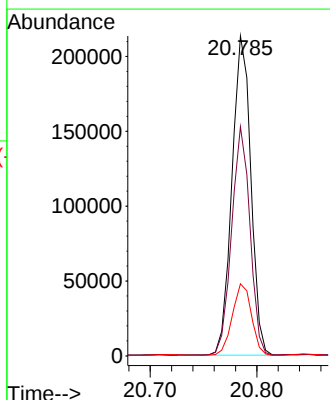
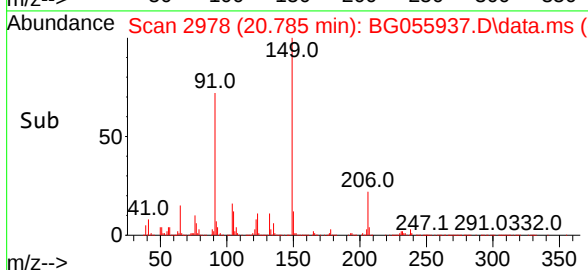
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

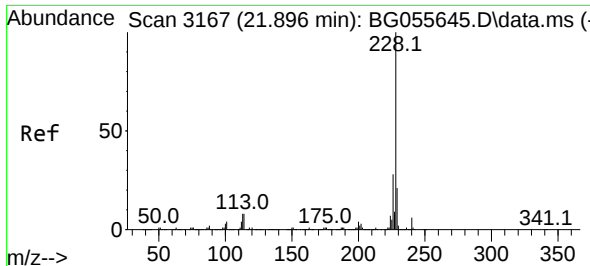


#80
 Butylbenzylphthalate
 Concen: 49.942 ng
 RT: 20.785 min Scan# 2978
 Delta R.T. 0.000 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30



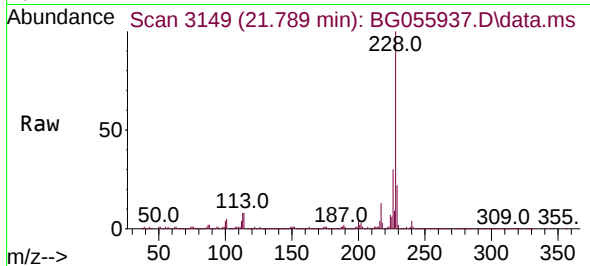
Tgt Ion:149 Resp: 261088
 Ion Ratio Lower Upper
 149 100
 91 71.6 54.6 81.8
 206 22.5 18.3 27.5





#81
Benzo(a)anthracene
Concen: 96.538 ng
RT: 21.789 min Scan# 31194
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

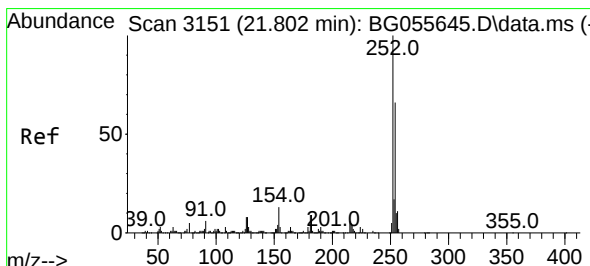
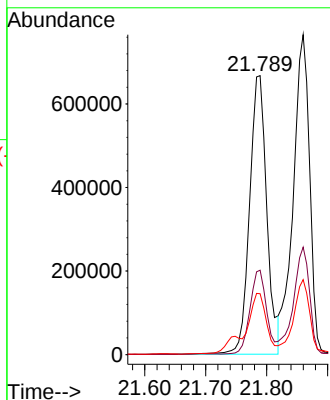
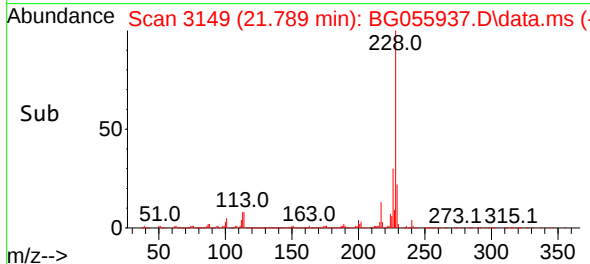
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



Tgt Ion:228 Resp: 1311794
Ion Ratio Lower Upper
228 100
226 30.3 22.7 34.1
229 21.8 16.5 24.7

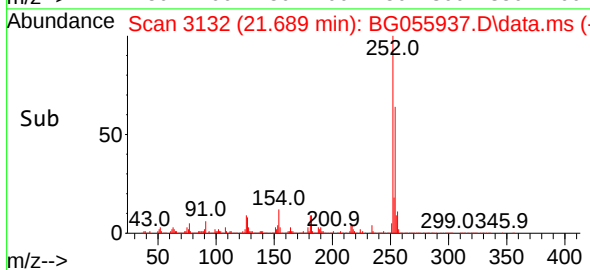
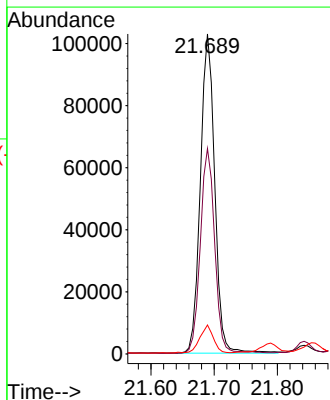
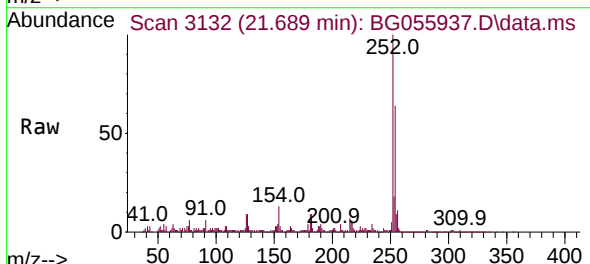
Manual Integrations
APPROVED

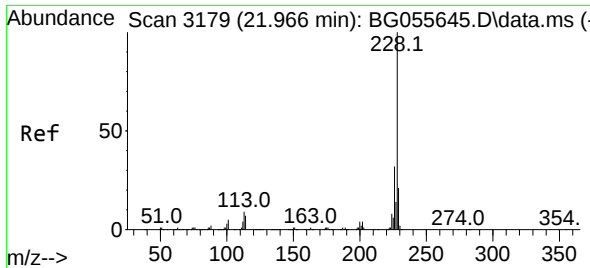
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 33.972 ng
RT: 21.689 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Tgt Ion:252 Resp: 162207
Ion Ratio Lower Upper
252 100
254 64.2 53.0 79.6
126 9.0 6.7 10.1





#83

Chrysene

Concen: 110.015 ng

RT: 21.860 min Scan# 3179

Delta R.T. 0.012 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

Tgt Ion:228 Resp: 142315

Ion Ratio Lower Upper

228 100

226 33.6 25.4 38.2

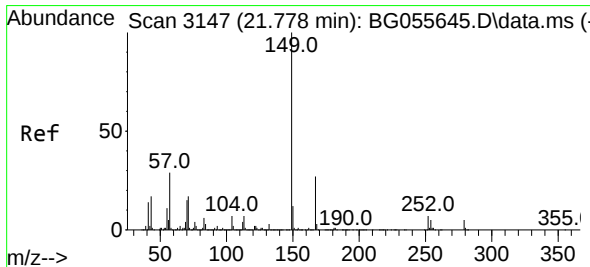
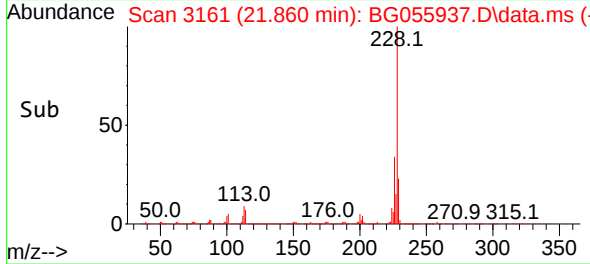
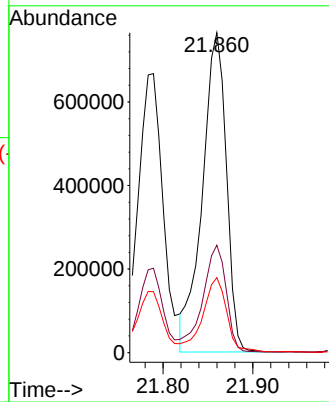
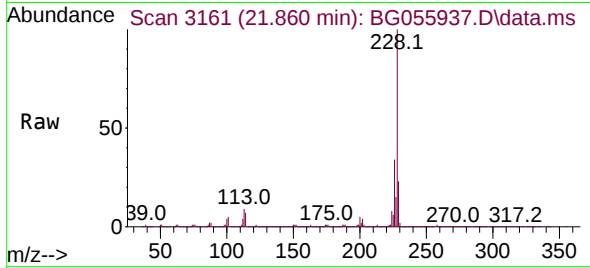
229 23.4 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022

Supervised By :mohammad ahmed 12/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.031 ng

RT: 21.648 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BG055937.D

Acq: 8 Dec 2022 21:30

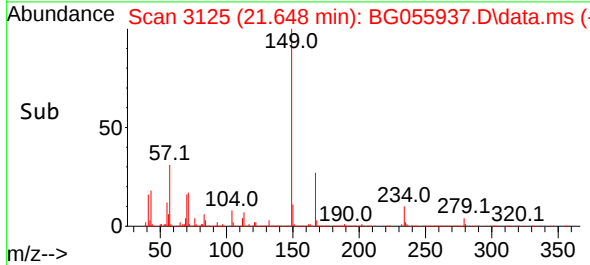
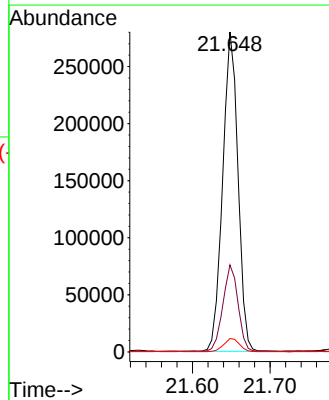
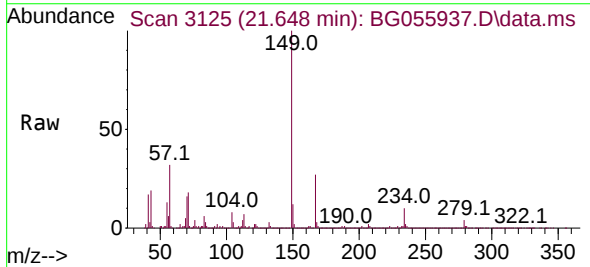
Tgt Ion:149 Resp: 383404

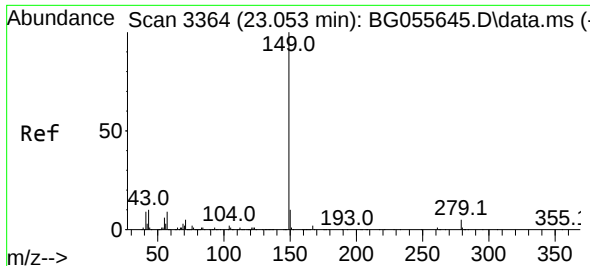
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

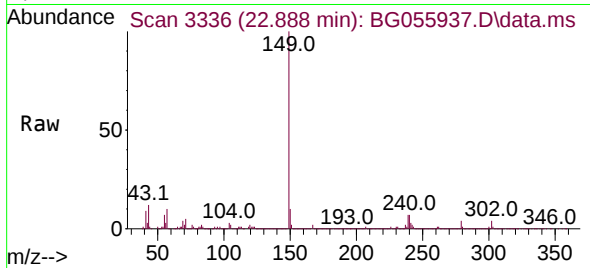
279 4.2 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 51.035 ng
RT: 22.888 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

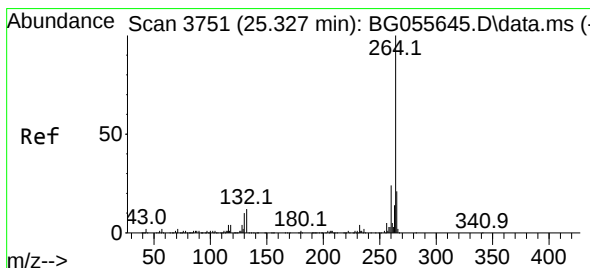
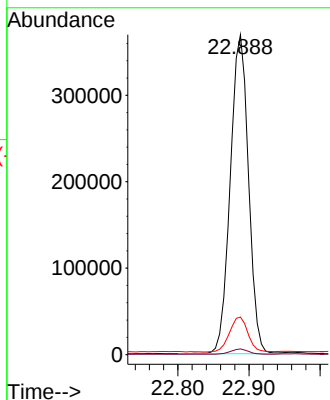
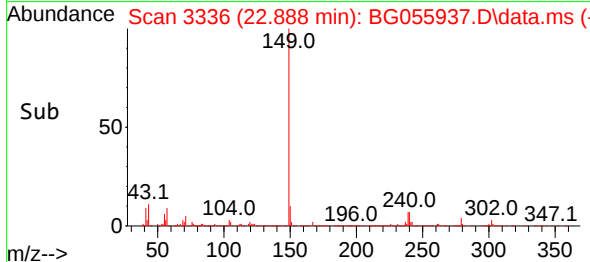
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



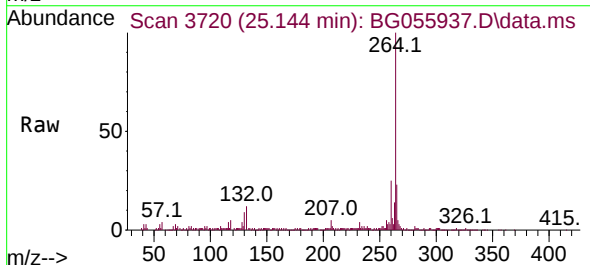
Tgt Ion:149 Resp: 656172
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 8.4 12.6

Manual Integrations
APPROVED

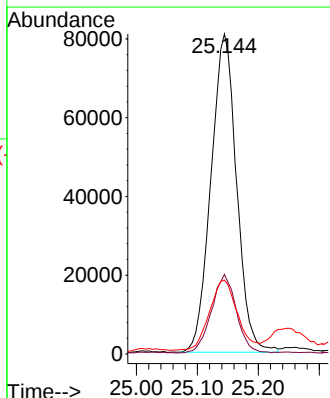
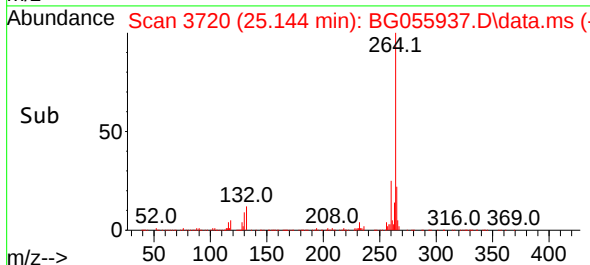
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

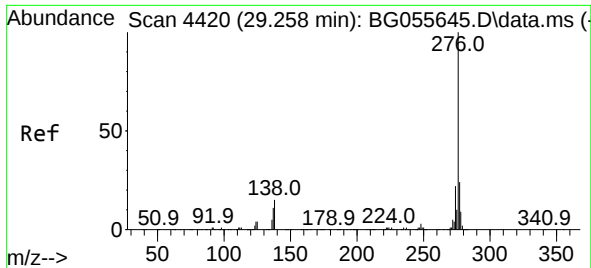


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.144 min Scan# 3720
Delta R.T. 0.012 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



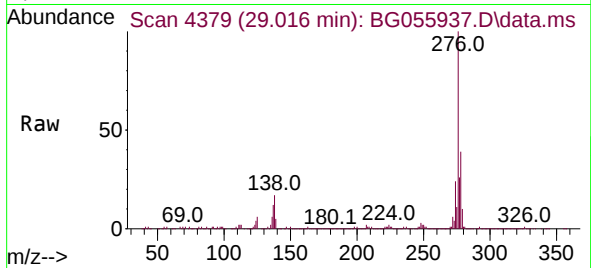
Tgt Ion:264 Resp: 236406
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 23.1 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 63.979 ng
 RT: 29.016 min Scan# 4379
 Delta R.T. 0.035 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

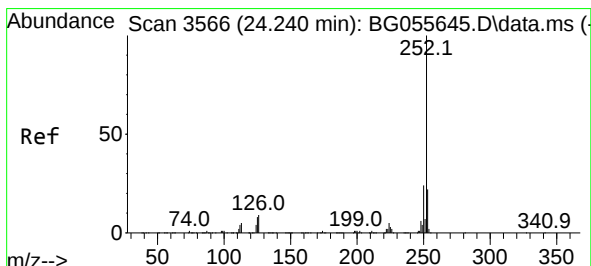
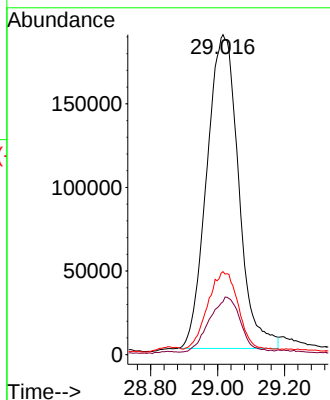
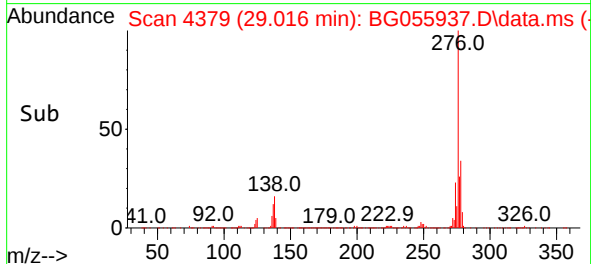
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MSD



Tgt Ion:276 Resp: 1239078
 Ion Ratio Lower Upper
 276 100
 138 17.2 10.4 15.6
 277 24.3 20.2 30.4

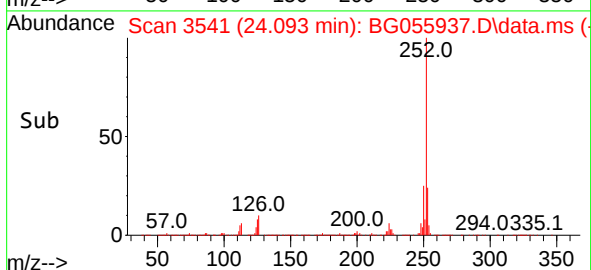
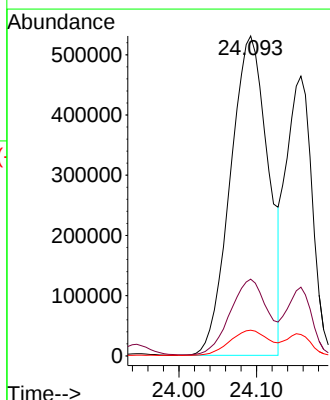
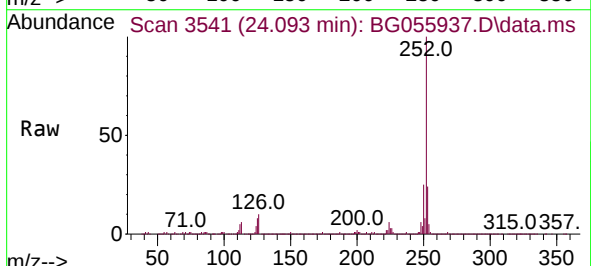
Manual Integrations
 APPROVED

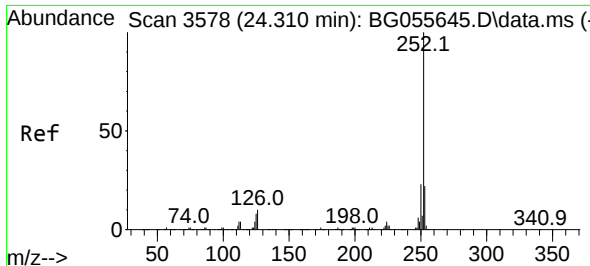
Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022



#88
 Benzo(b)fluoranthene
 Concen: 116.750 ng
 RT: 24.093 min Scan# 3541
 Delta R.T. 0.024 min
 Lab File: BG055937.D
 Acq: 8 Dec 2022 21:30

Tgt Ion:252 Resp: 1797486
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.0 27.0
 125 8.0 6.2 9.2





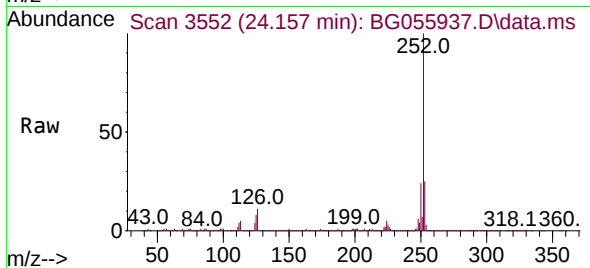
#89
Benzo(k)fluoranthene
Concen: 70.164 ng
RT: 24.157 min Scan# 31
Delta R.T. 0.018 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

Instrument :

BNA_G

ClientSampleId :

OK-01-120722MSD

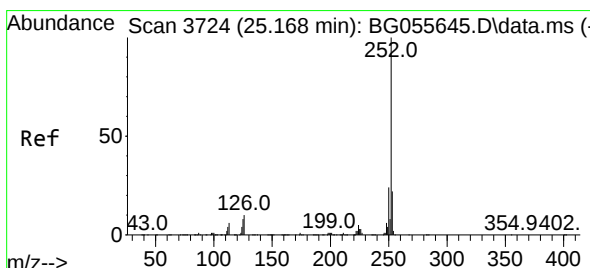
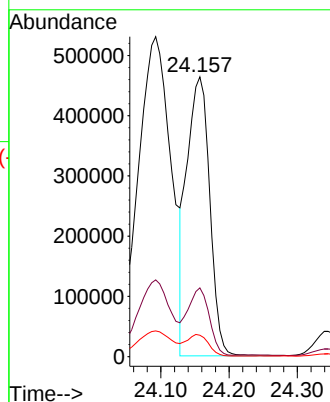
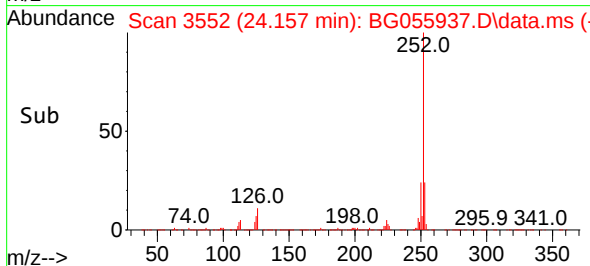


Tgt Ion:252 Resp: 1076793
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.6
125 7.6 6.1 9.1

Manual Integrations

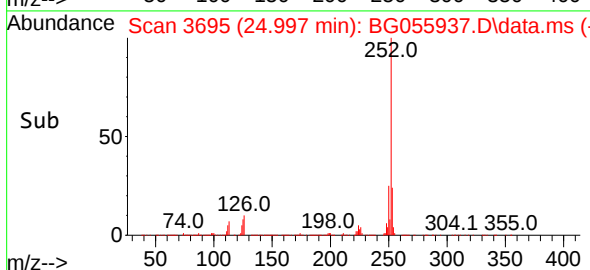
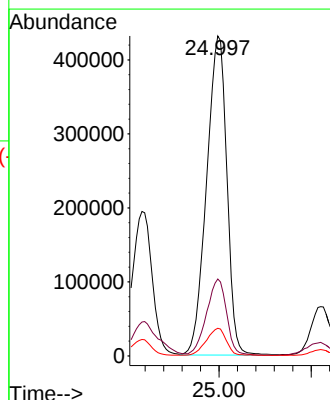
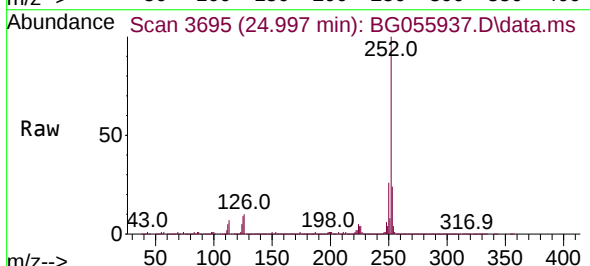
APPROVED

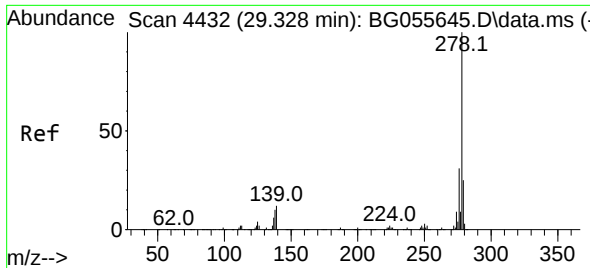
Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#90
Benzo(a)pyrene
Concen: 99.472 ng
RT: 24.997 min Scan# 3695
Delta R.T. 0.018 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

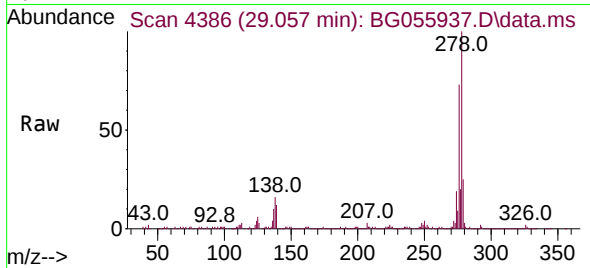
Tgt Ion:252 Resp: 1314201
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 8.6 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 46.176 ng
RT: 29.057 min Scan# 4386
Delta R.T. 0.029 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30

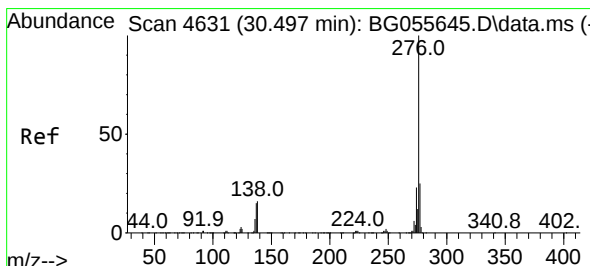
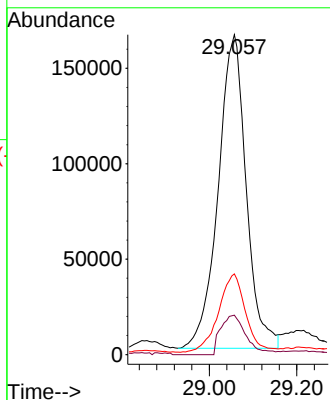
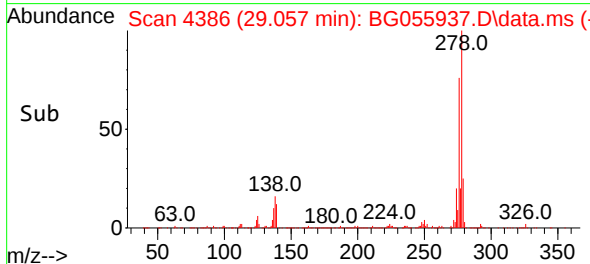
Instrument :
BNA_G
ClientSampleId :
OK-01-120722MSD



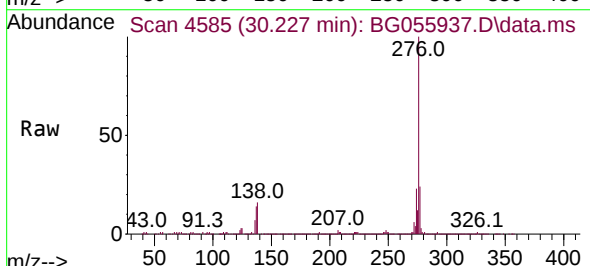
Tgt Ion:278 Resp: 730793
Ion Ratio Lower Upper
278 100
139 12.3 9.8 14.8
279 25.2 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022



#92
Benzo(g,h,i)perylene
Concen: 70.758 ng
RT: 30.227 min Scan# 4585
Delta R.T. 0.041 min
Lab File: BG055937.D
Acq: 8 Dec 2022 21:30



Tgt Ion:276 Resp: 1128649
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.6
138 16.1 13.1 19.7

