

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058913.D
 Acq On : 31 Aug 2023 2:57
 Operator : MA/JU
 Sample : 04196-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01MS

Quant Time: Aug 31 04:22:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	16165	20.000	ng	0.00
21) Naphthalene-d8	10.556	136	73093	20.000	ng	0.00
39) Acenaphthene-d10	14.411	164	56691	20.000	ng	0.00
64) Phenanthrene-d10	17.160	188	134588	20.000	ng	# 0.00
76) Chrysene-d12	21.402	240	110984	20.000	ng	# 0.00
86) Perylene-d12	24.428	264	139328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	152663	151.979	ng	0.00
7) Phenol-d6	6.937	99	202652	143.793	ng	0.00
23) Nitrobenzene-d5	8.929	82	138442	91.062	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	135892	152.876	ng	0.00
45) 2-Fluorobiphenyl	13.030	172	346165	88.812	ng	0.00
79) Terphenyl-d14	19.787	244	611551	98.942	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.212	88	15571	32.971	ng	# 34
3) Pyridine	3.611	79	32639	26.153	ng	94
4) n-Nitrosodimethylamine	3.523	42	31629	46.618	ng	94
6) Aniline	7.084	93	28645	16.627	ng	96
8) 2-Chlorophenol	7.325	128	53664	52.837	ng	96
9) Benzaldehyde	6.896	77	12449m	15.748	ng	
10) Phenol	6.960	94	63919	47.034	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	46041	43.419	ng	96
12) 1,3-Dichlorobenzene	7.648	146	50588	46.891	ng	98
13) 1,4-Dichlorobenzene	7.795	146	51638	47.333	ng	97
14) 1,2-Dichlorobenzene	8.106	146	50616	48.004	ng	98
15) Benzyl Alcohol	8.000	79	52836	52.436	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.288	45	107926m	47.758	ng	
17) 2-Methylphenol	8.212	107	48308	48.398	ng	98
18) Hexachloroethane	8.835	117	19524	49.119	ng	94
19) n-Nitroso-di-n-propyla...	8.564	70	42022	46.127	ng	93
20) 3+4-Methylphenols	8.541	107	65045	48.471	ng	98
22) Acetophenone	8.582	105	85233	43.077	ng	99
24) Nitrobenzene	8.970	77	64261	42.498	ng	99
25) Isophorone	9.487	82	126803	41.941	ng	100
26) 2-Nitrophenol	9.675	139	29690	46.948	ng	# 95
27) 2,4-Dimethylphenol	9.740	122	51590	48.135	ng	95
28) bis(2-Chloroethoxy)met...	9.969	93	68553	42.806	ng	98
29) 2,4-Dichlorophenol	10.215	162	57965	52.631	ng	94
30) 1,2,4-Trichlorobenzene	10.421	180	58278	43.820	ng	95
31) Naphthalene	10.609	128	162735	42.403	ng	99
32) Benzoic acid	9.886	122	13513m	23.848	ng	
33) 4-Chloroaniline	10.733	127	5544	3.425	ng	95
34) Hexachlorobutadiene	10.885	225	40192	44.777	ng	96
35) Caprolactam	11.508	113	15885m	40.251	ng	
36) 4-Chloro-3-methylphenol	11.866	107	69950	51.073	ng	98
37) 2-Methylnaphthalene	12.225	142	120525	43.725	ng	98
38) 1-Methylnaphthalene	12.448	142	115122	43.998	ng	99
40) 1,2,4,5-Tetrachloroben...	12.601	216	72003	41.198	ng	99
41) Hexachlorocyclopentadiene	12.572	237	57067	82.672	ng	96
43) 2,4,6-Trichlorophenol	12.848	196	55199	49.636	ng	96

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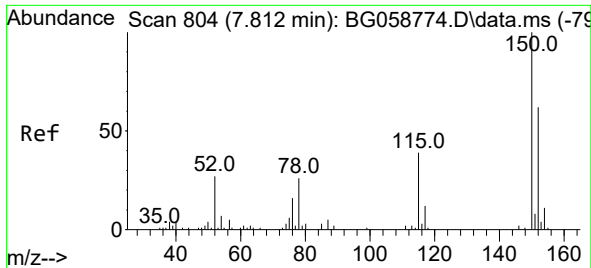
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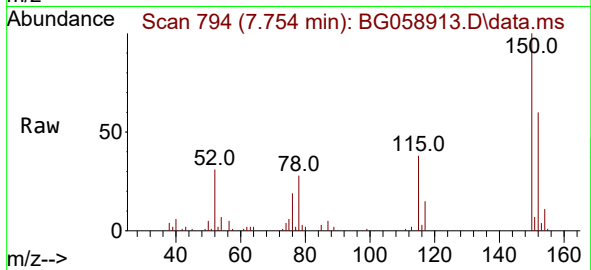
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.924	196	58912	44.238	ng	99
46) 1,1'-Biphenyl	13.241	154	165424	42.358	ng	96
47) 2-Chloronaphthalene	13.288	162	133230	43.776	ng	98
48) 2-Nitroaniline	13.500	65	50348	43.558	ng	98
49) Acenaphthylene	14.134	152	222090	44.004	ng	98
50) Dimethylphthalate	13.876	163	189094	43.079	ng	99
51) 2,6-Dinitrotoluene	13.999	165	41184	44.660	ng	94
52) Acenaphthene	14.475	154	126663	42.946	ng	98
53) 3-Nitroaniline	14.328	138	10682	12.010	ng	98
54) 2,4-Dinitrophenol	14.546	184	21715	45.391	ng #	90
55) Dibenzofuran	14.810	168	218468	42.941	ng	98
56) 4-Nitrophenol	14.651	139	50990	79.289	ng	92
57) 2,4-Dinitrotoluene	14.792	165	59360	46.151	ng	96
58) Fluorene	15.462	166	177662	43.879	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.045	232	55732	51.285	ng	97
60) Diethylphthalate	15.239	149	193839	42.831	ng	100
61) 4-Chlorophenyl-phenyle...	15.456	204	97339	43.374	ng	93
62) 4-Nitroaniline	15.498	138	37158	41.168	ng	87
63) Azobenzene	15.750	77	171841	41.352	ng	95
65) 4,6-Dinitro-2-methylph...	15.562	198	24367	32.030	ng	97
66) n-Nitrosodiphenylamine	15.674	169	156586	45.141	ng	98
67) 4-Bromophenyl-phenylether	16.349	248	66953	45.333	ng	98
68) Hexachlorobenzene	16.467	284	76381	48.052	ng	99
69) Atrazine	16.626	200	49439	40.272	ng	96
70) Pentachlorophenol	16.820	266	61730	74.061	ng	98
71) Phenanthrene	17.201	178	286339	44.317	ng	100
72) Anthracene	17.295	178	284022	43.829	ng	99
73) Carbazole	17.566	167	255826	43.110	ng	98
74) Di-n-butylphthalate	18.118	149	318305	42.520	ng	99
75) Fluoranthene	19.223	202	337635	42.138	ng	97
77) Benzidine	19.428	184	18702m	9.403	ng	
78) Pyrene	19.581	202	347113	44.887	ng	99
80) Butylbenzylphthalate	20.468	149	142884	45.559	ng	98
81) Benzo(a)anthracene	21.379	228	341958	44.263	ng	99
82) 3,3'-Dichlorobenzidine	21.302	252	40595	15.220	ng	97
83) Chrysene	21.443	228	311315	41.807	ng	99
84) Bis(2-ethylhexyl)phtha...	21.285	149	201741	43.858	ng	99
85) Di-n-octyl phthalate	22.425	149	352326	44.532	ng	100
87) Indeno(1,2,3-cd)pyrene	27.889	276	403730	42.829	ng #	94
88) Benzo(b)fluoranthene	23.471	252	352235m	45.564	ng	
89) Benzo(k)fluoranthene	23.535	252	341911	42.886	ng	99
90) Benzo(a)pyrene	24.293	252	312390	41.039	ng	98
91) Dibenzo(a,h)anthracene	27.936	278	336635	43.460	ng	98
92) Benzo(g,h,i)perylene	28.964	276	321826	41.556	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

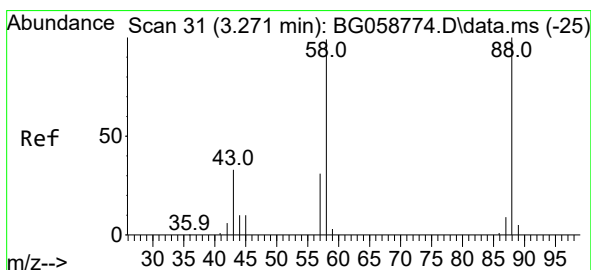
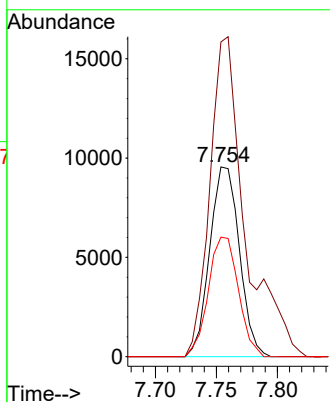
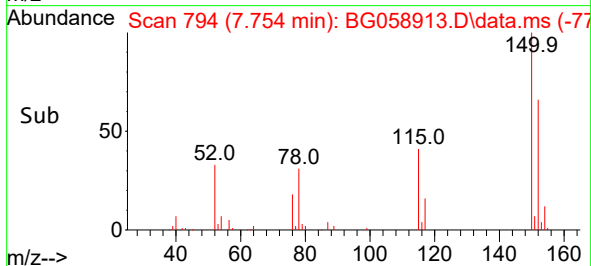
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:152 Resp: 1616
Ion Ratio Lower Upper
152 100
150 165.8 128.6 192.8
115 63.0 50.4 75.6

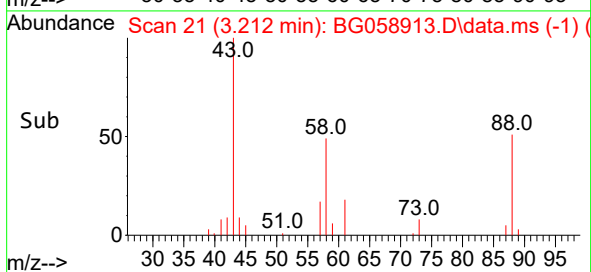
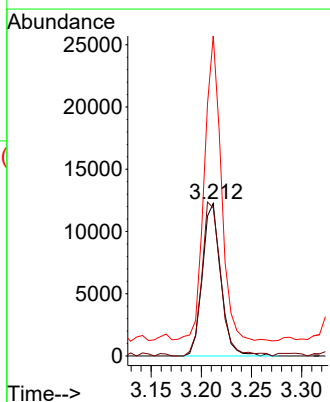
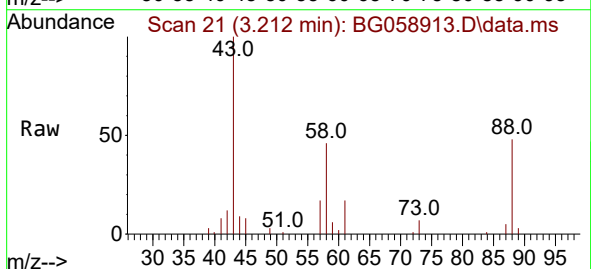
Manual Integrations
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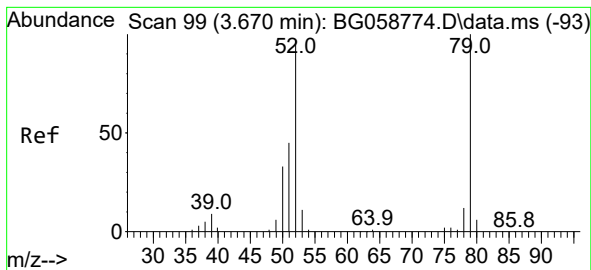
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#2
1,4-Dioxane
Concen: 32.971 ng
RT: 3.212 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Tgt Ion: 88 Resp: 15571
Ion Ratio Lower Upper
88 100
58 104.2 82.8 124.2
43 185.1 30.1 45.1#





#3

Pyridine

Concen: 26.153 ng

RT: 3.611 min Scan# 89

Delta R.T. 0.012 min

Lab File: BG058913.D

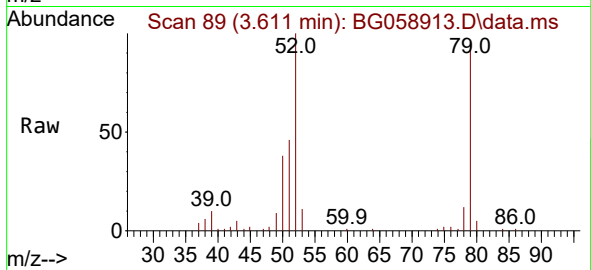
Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS



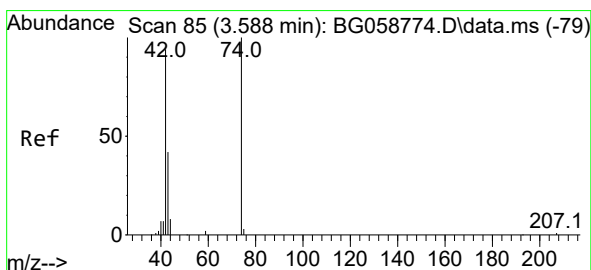
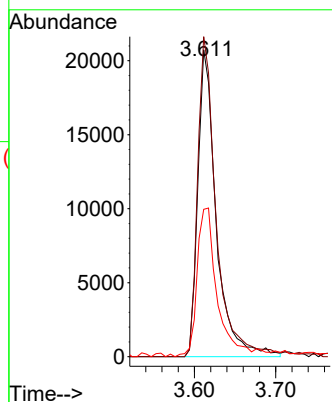
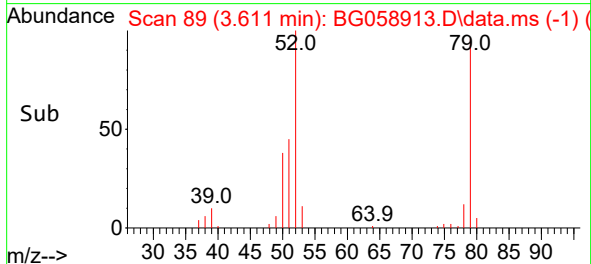
Tgt Ion:	79	Resp:	32639
Ion	Ratio	Lower	Upper
79	100		
52	104.3	77.6	116.4
51	48.0	37.5	56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 46.618 ng

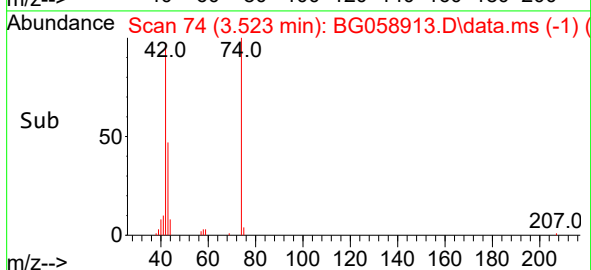
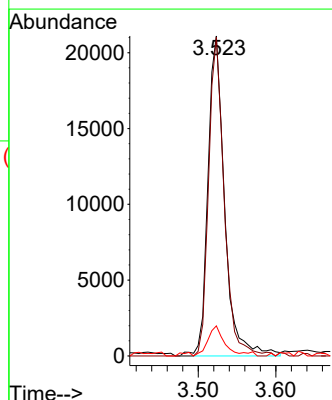
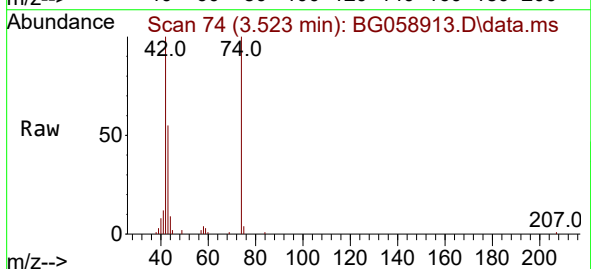
RT: 3.523 min Scan# 74

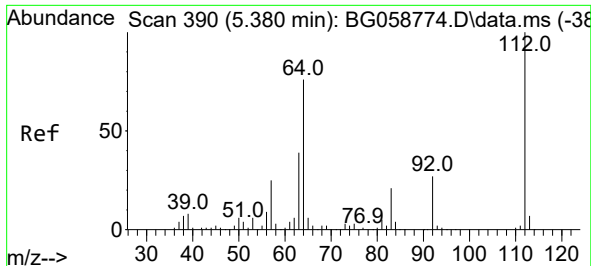
Delta R.T. 0.007 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Tgt Ion:	42	Resp:	31629
Ion	Ratio	Lower	Upper
42	100		
74	99.6	85.1	127.7
44	9.4	6.9	10.3





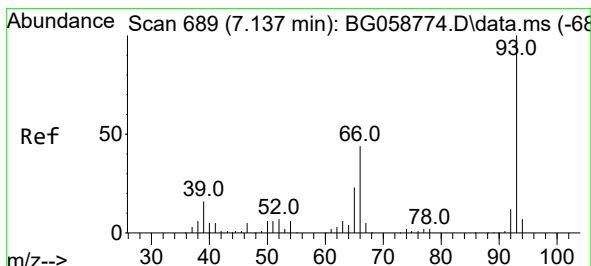
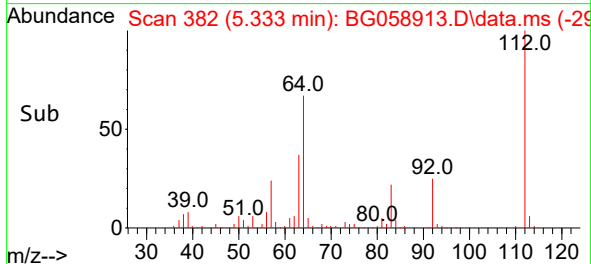
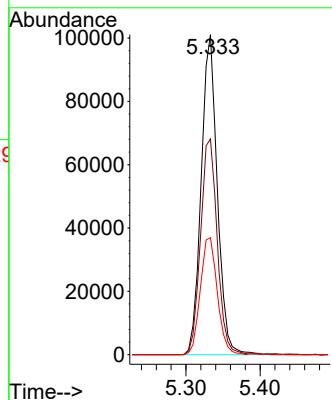
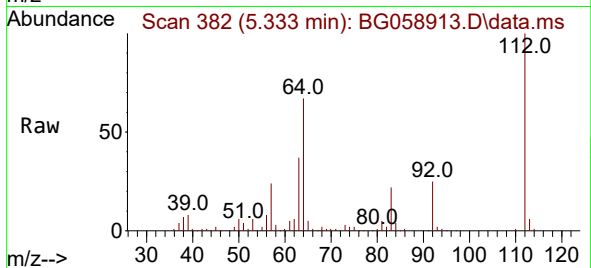
#5
2-Fluorophenol
Concen: 151.979 ng
RT: 5.333 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS

Tgt Ion:112 Resp: 15266
Ion Ratio Lower Upper
112 100
64 67.4 60.6 90.8
63 36.6 31.0 46.4

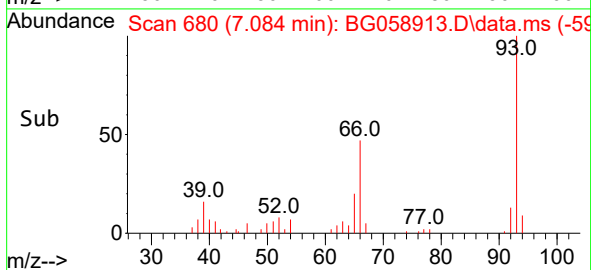
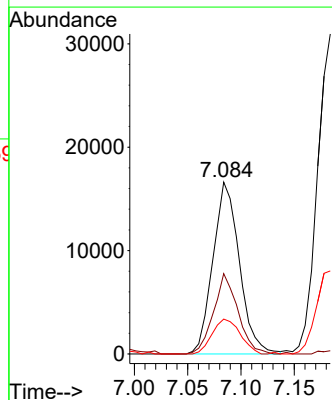
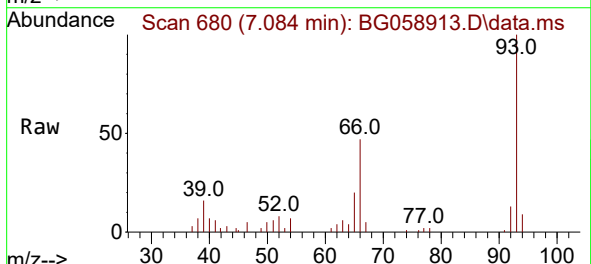
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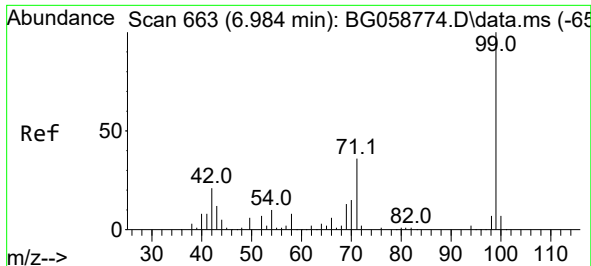
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#6
Aniline
Concen: 16.627 ng
RT: 7.084 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

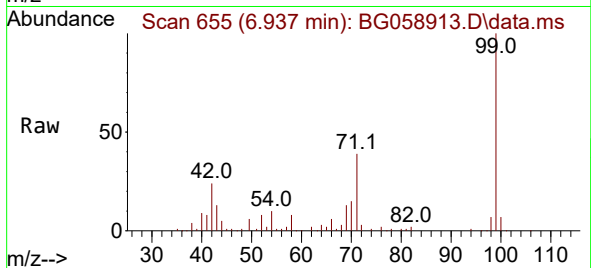
Tgt Ion: 93 Resp: 28645
Ion Ratio Lower Upper
93 100
66 46.8 35.7 53.5
65 20.3 18.2 27.2





#7
Phenol-d6
Concen: 143.793 ng
RT: 6.937 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

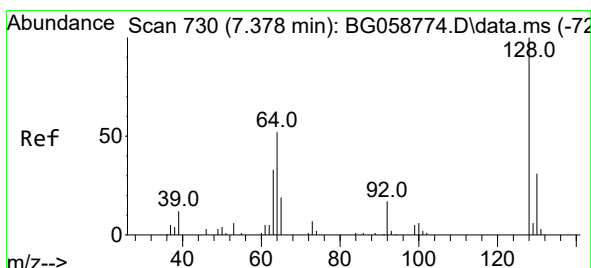
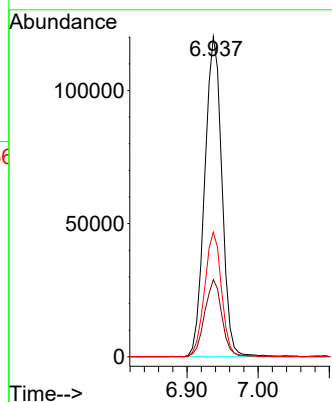
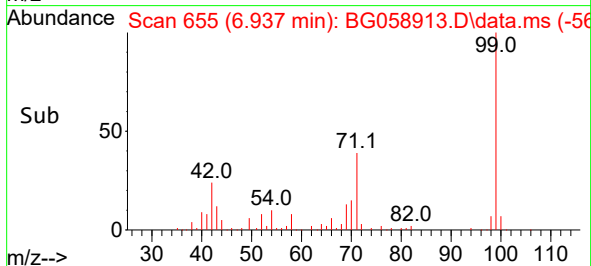
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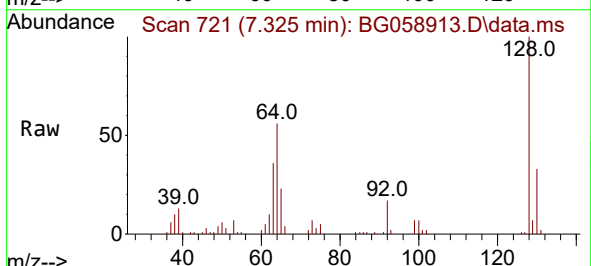
Tgt Ion: 99 Resp: 202652
Ion Ratio Lower Upper
99 100
42 24.0 16.5 24.7
71 38.9 28.4 42.6

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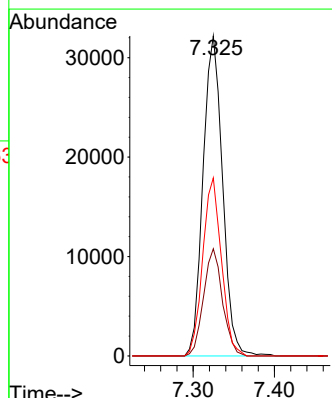
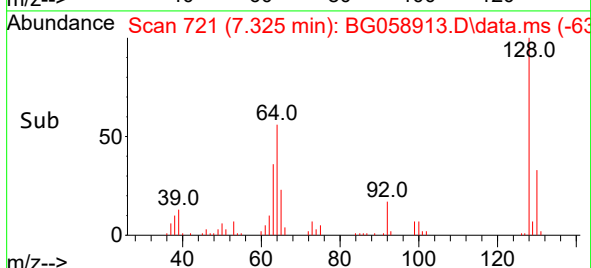
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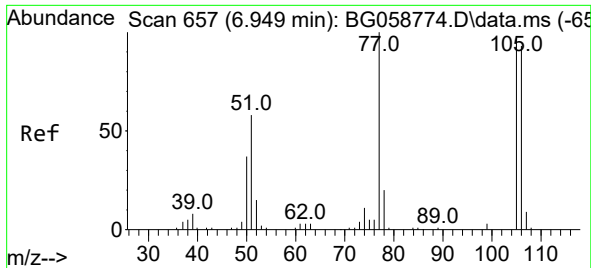


#8
2-Chlorophenol
Concen: 52.837 ng
RT: 7.325 min Scan# 721
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



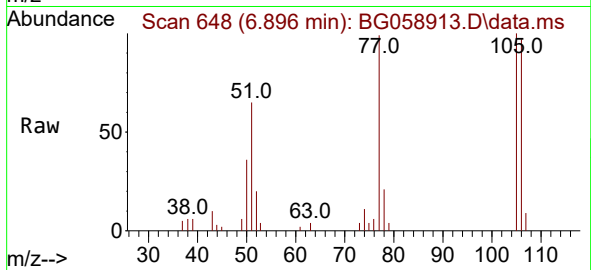
Tgt Ion:128 Resp: 53664
Ion Ratio Lower Upper
128 100
130 33.5 10.9 50.9
64 55.6 38.4 78.4





#9
Benzaldehyde
Concen: 15.748 ng m
RT: 6.896 min Scan# 64
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

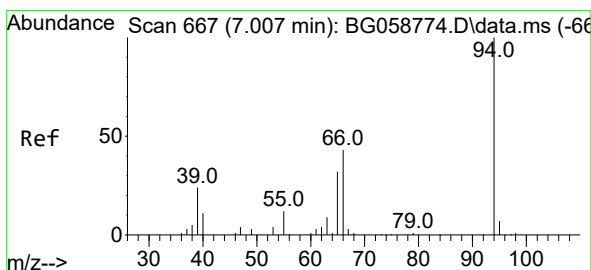
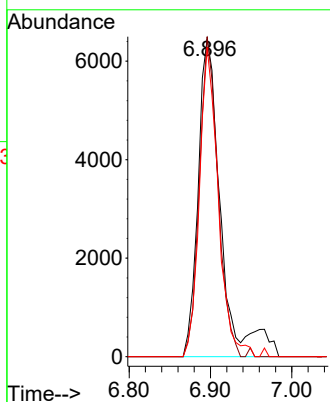
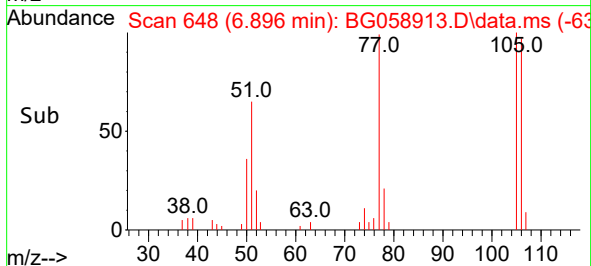
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion: 77 Resp: 12449
Ion Ratio Lower Upper
77 100
105 100.7 76.7 116.7
106 97.3 73.4 113.4

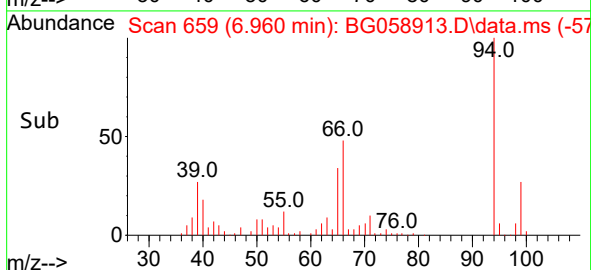
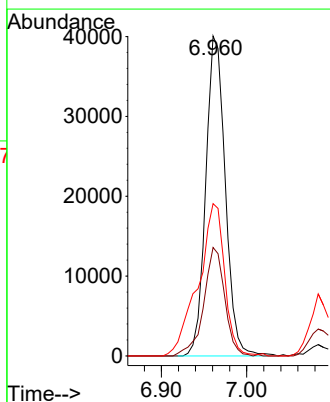
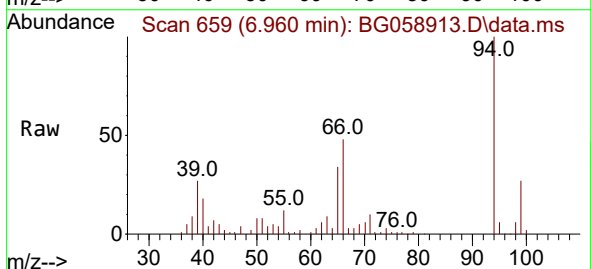
Manual Integrations
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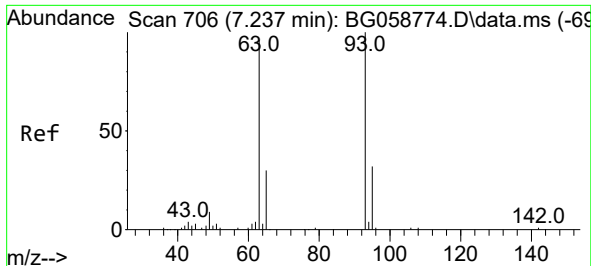
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#10
Phenol
Concen: 47.034 ng
RT: 6.960 min Scan# 659
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Tgt Ion: 94 Resp: 63919
Ion Ratio Lower Upper
94 100
65 33.9 12.6 52.6
66 47.6 26.6 66.6





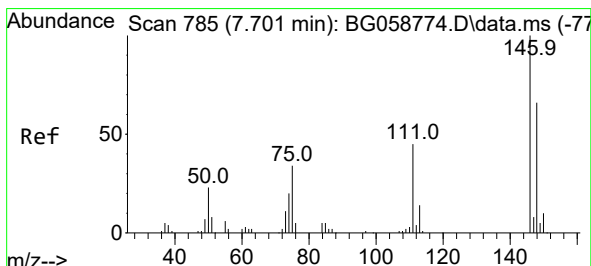
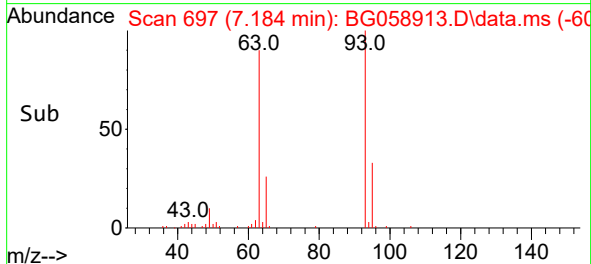
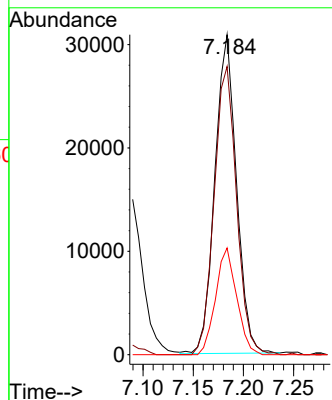
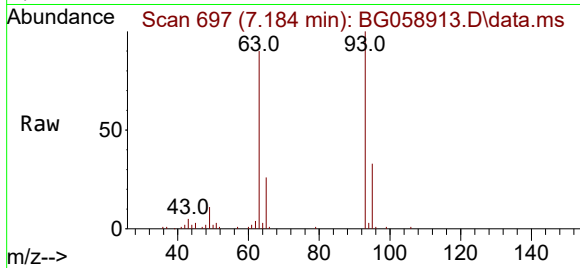
#11
bis(2-Chloroethyl)ether
Concen: 43.419 ng
RT: 7.184 min Scan# 697
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS

Tgt Ion: 93 Resp: 4604
Ion Ratio Lower Upper
93 100
63 90.1 74.8 114.8
95 33.4 12.1 52.1

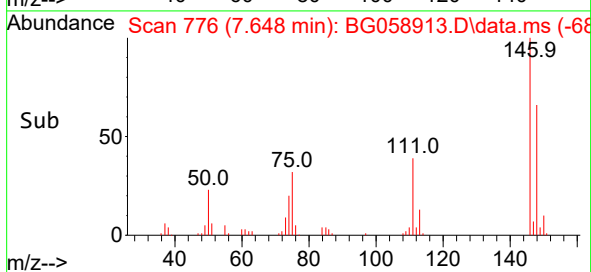
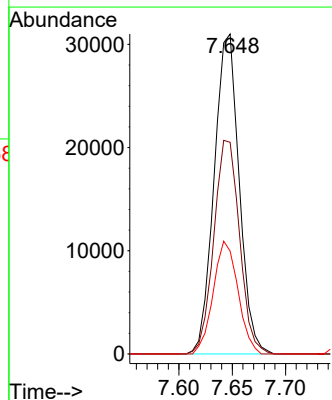
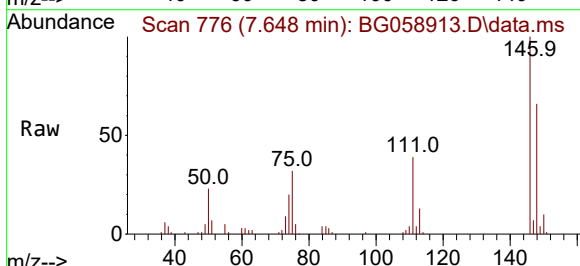
Manual Integrations
APPROVED

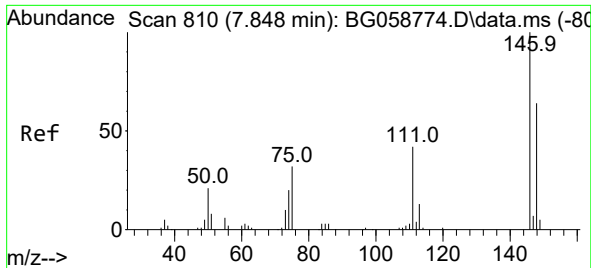
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#12
1,3-Dichlorobenzene
Concen: 46.891 ng
RT: 7.648 min Scan# 776
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

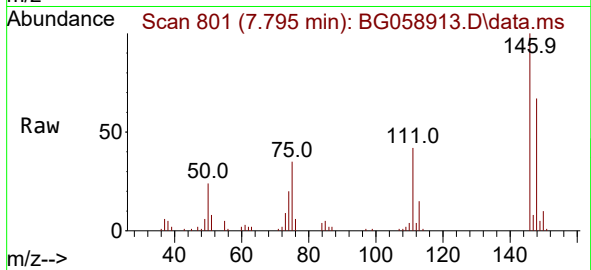
Tgt Ion:146 Resp: 50588
Ion Ratio Lower Upper
146 100
148 66.2 52.4 78.6
75 32.1 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 47.333 ng
RT: 7.795 min Scan# 801
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

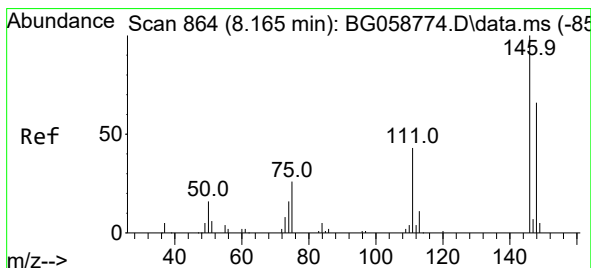
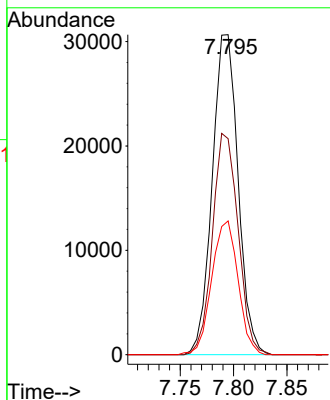
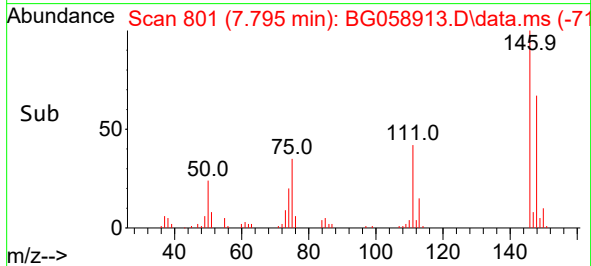
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



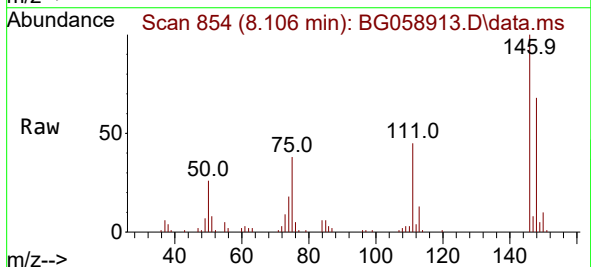
Tgt Ion:146 Resp: 51638
Ion Ratio Lower Upper
146 100
148 67.5 51.3 76.9
111 41.8 33.8 50.8

Manual Integrations
APPROVED

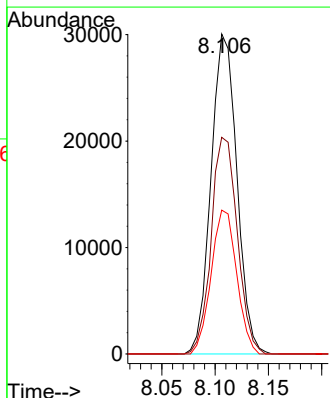
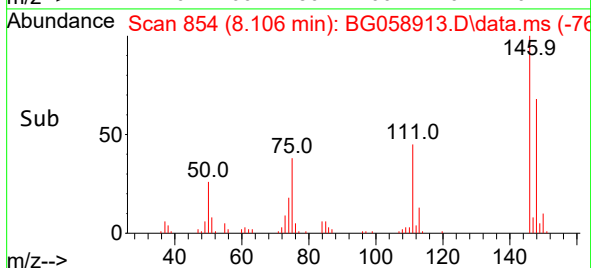
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

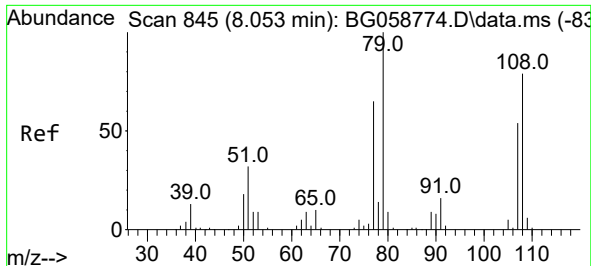


#14
1,2-Dichlorobenzene
Concen: 48.004 ng
RT: 8.106 min Scan# 854
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



Tgt Ion:146 Resp: 50616
Ion Ratio Lower Upper
146 100
148 67.7 52.9 79.3
111 45.0 35.5 53.3





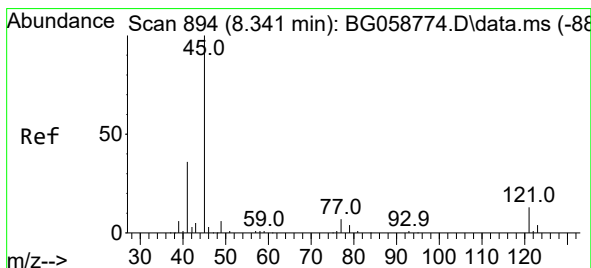
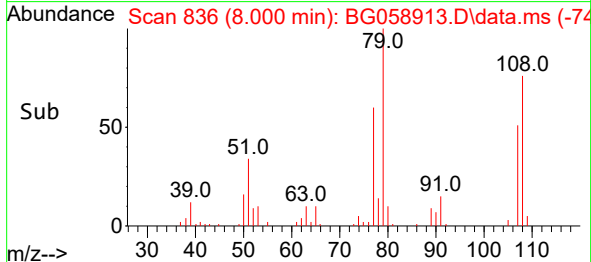
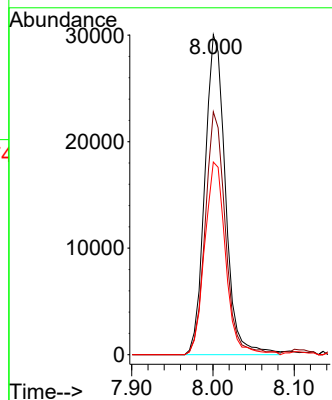
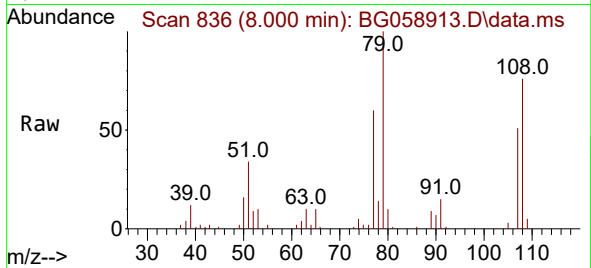
#15
Benzyl Alcohol
Concen: 52.436 ng
RT: 8.000 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS

Tgt Ion: 79 Resp: 52830
Ion Ratio Lower Upper
79 100
108 75.9 63.4 95.0
77 60.2 52.2 78.2

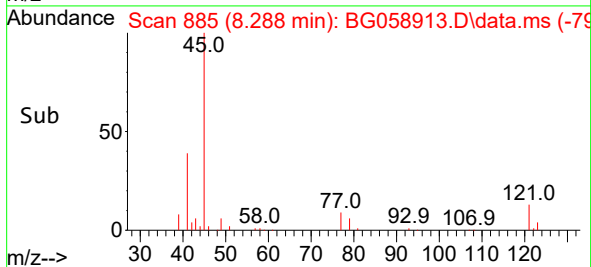
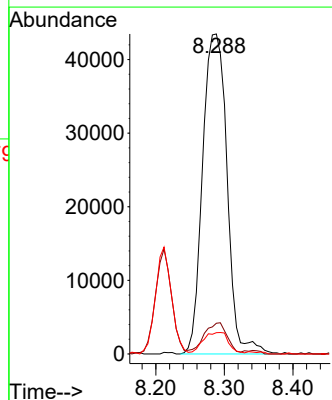
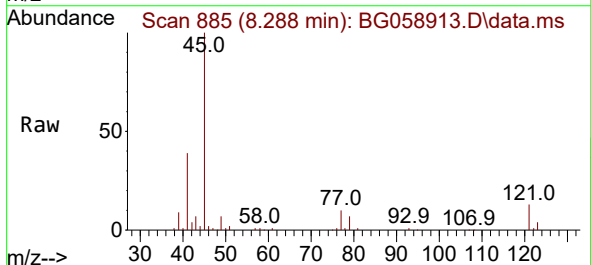
Manual Integrations
APPROVED

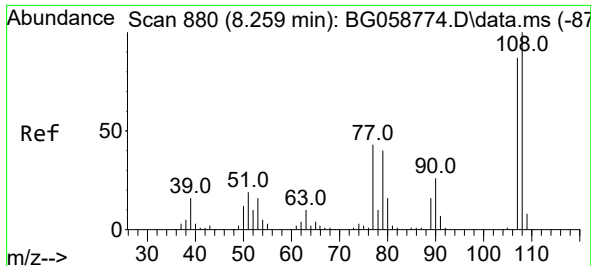
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.758 ng m
RT: 8.288 min Scan# 885
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

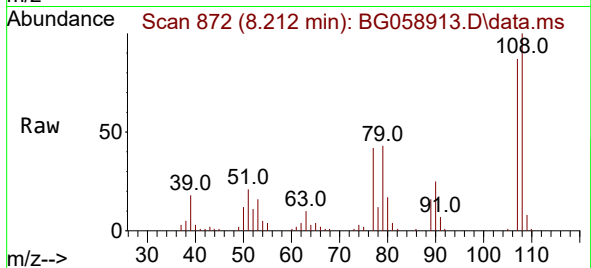
Tgt Ion: 45 Resp: 107926
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.3
79 6.6 0.0 27.7





#17
2-Methylphenol
Concen: 48.398 ng
RT: 8.212 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

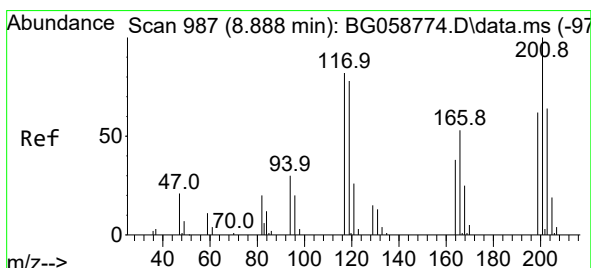
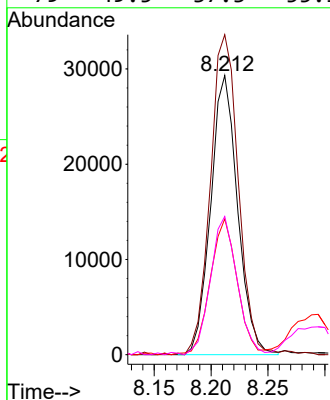
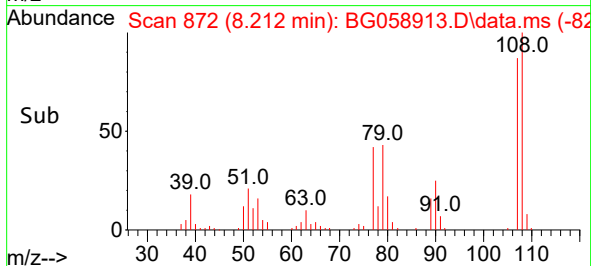
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



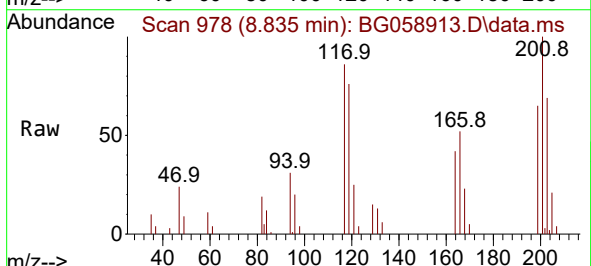
Tgt Ion:107 Resp: 48308
Ion Ratio Lower Upper
107 100
108 114.6 92.2 138.2
77 48.7 40.0 60.0
79 49.5 37.3 55.9

Manual Integrations
APPROVED

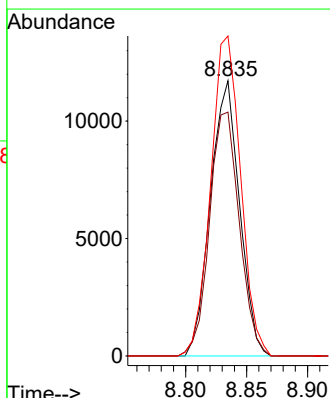
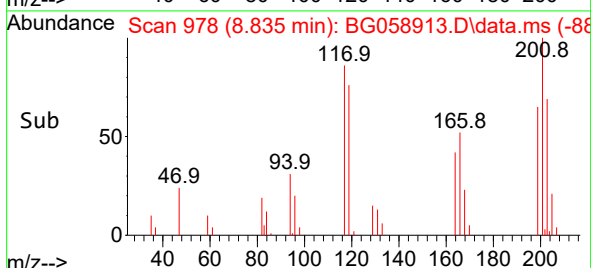
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

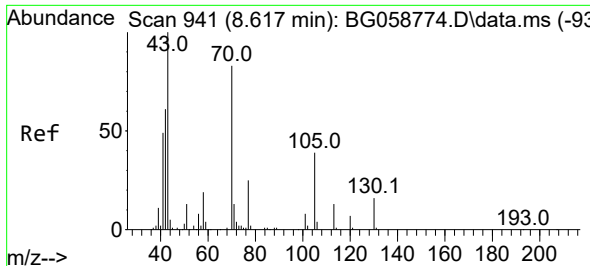


#18
Hexachloroethane
Concen: 49.119 ng
RT: 8.835 min Scan# 978
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



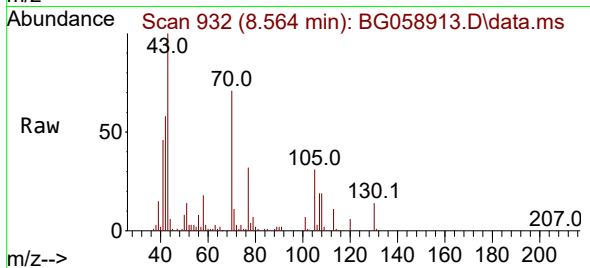
Tgt Ion:117 Resp: 19524
Ion Ratio Lower Upper
117 100
119 88.6 76.6 115.0
201 116.3 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 46.127 ng
RT: 8.564 min Scan# 912
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

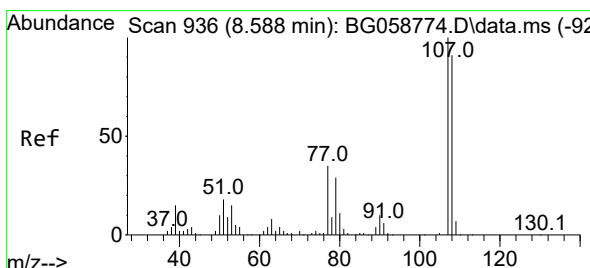
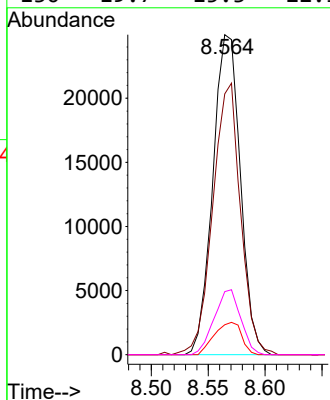
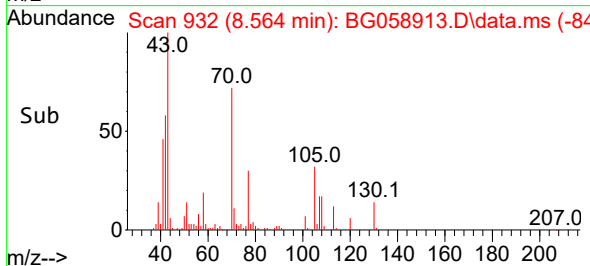
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



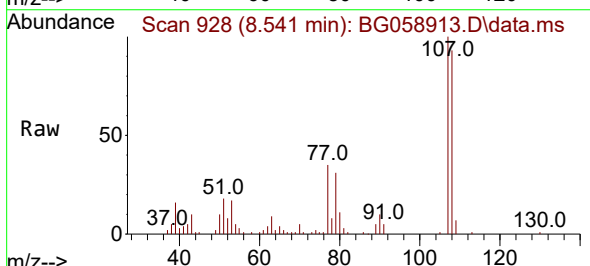
Tgt Ion: 70 Resp: 4202
Ion Ratio Lower Upper
70 100
42 81.5 59.2 88.8
101 9.3 8.2 12.2
130 19.7 15.3 22.9

Manual Integrations
APPROVED

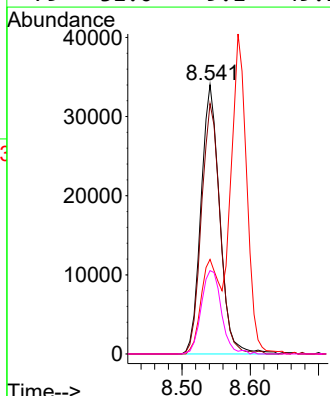
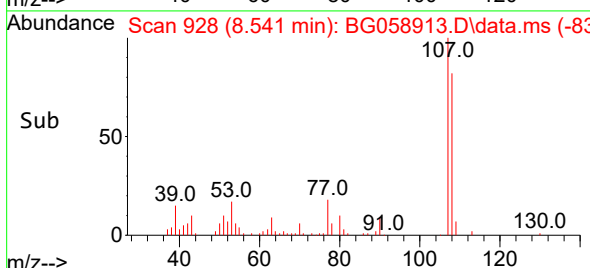
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

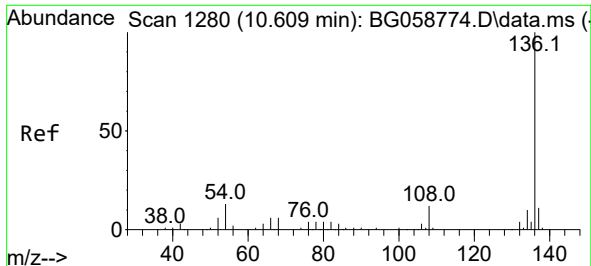


#20
3+4-Methylphenols
Concen: 48.471 ng
RT: 8.541 min Scan# 928
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



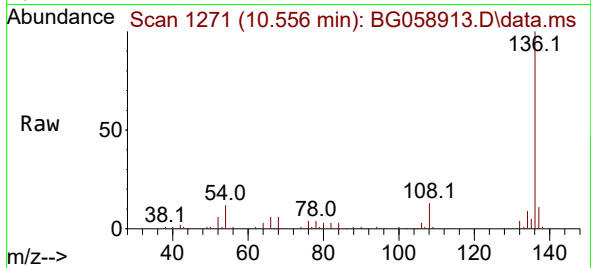
Tgt Ion:107 Resp: 65045
Ion Ratio Lower Upper
107 100
108 93.0 70.6 110.6
77 35.1 14.8 54.8
79 31.0 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.556 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

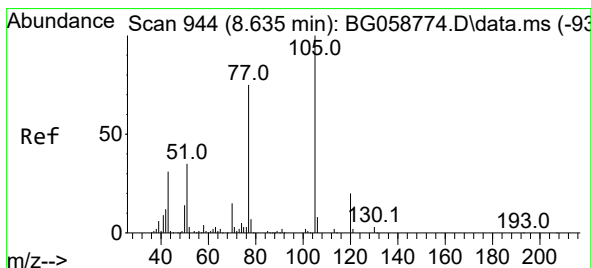
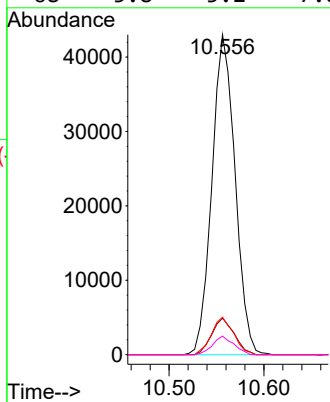
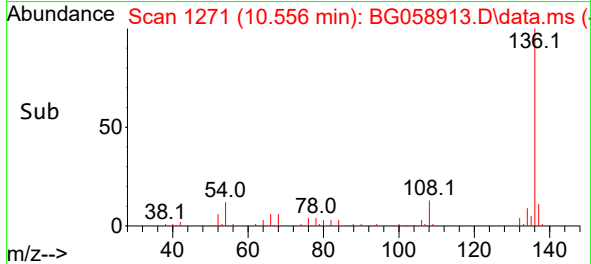
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:	136	Resp:	7309
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	11.7	10.1	15.1
68	5.8	5.2	7.8

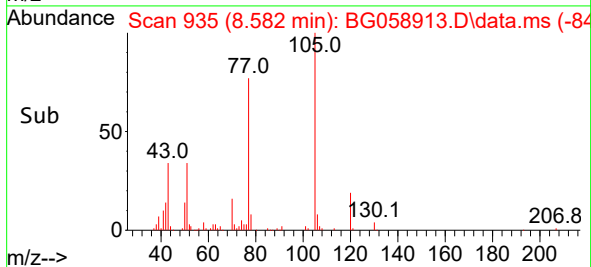
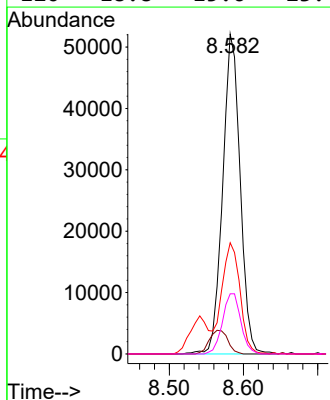
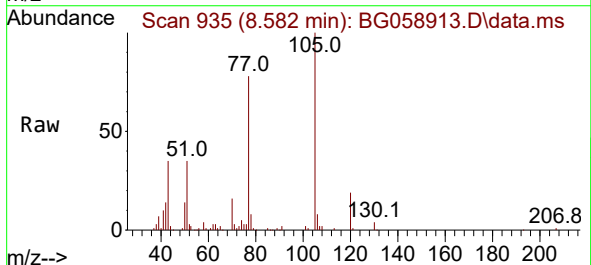
Manual Integrations
APPROVED

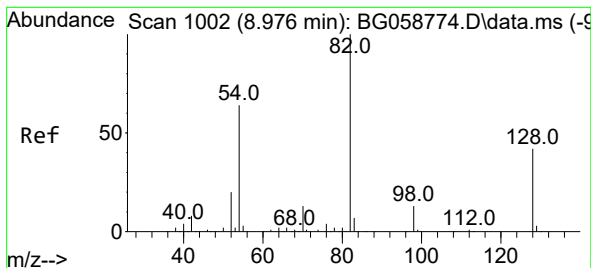
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#22
Acetophenone
Concen: 43.077 ng
RT: 8.582 min Scan# 935
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Tgt Ion:	105	Resp:	85233
Ion Ratio	Lower	Upper	
105	100		
71	2.7	2.2	3.2
51	34.8	28.5	42.7
120	18.8	15.6	23.4





#23

Nitrobenzene-d5

Concen: 91.062 ng

RT: 8.929 min Scan# 994

Delta R.T. 0.001 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS

Tgt Ion: 82 Resp: 13844

Ion Ratio Lower Upper

82 100

128 41.9 33.2 49.8

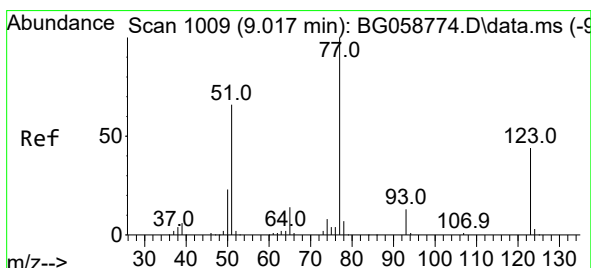
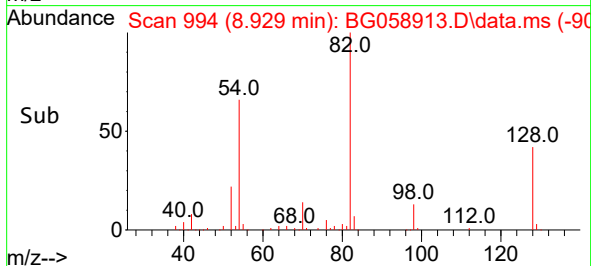
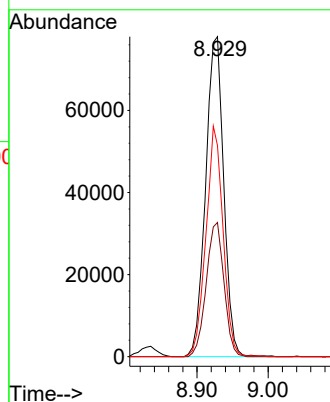
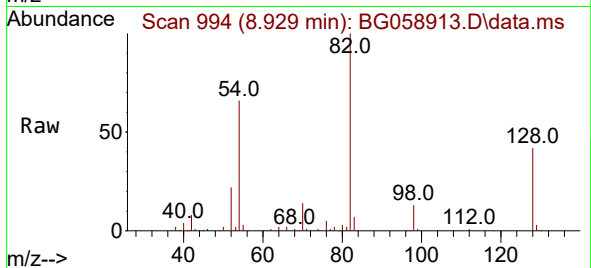
54 66.0 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#24

Nitrobenzene

Concen: 42.498 ng

RT: 8.970 min Scan# 1001

Delta R.T. 0.001 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

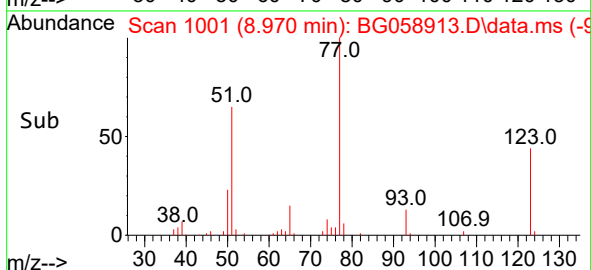
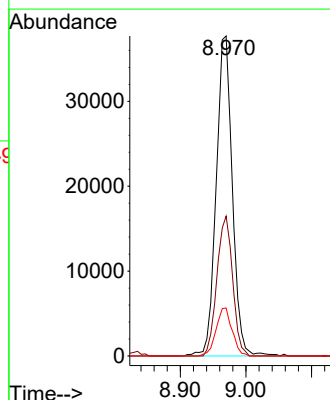
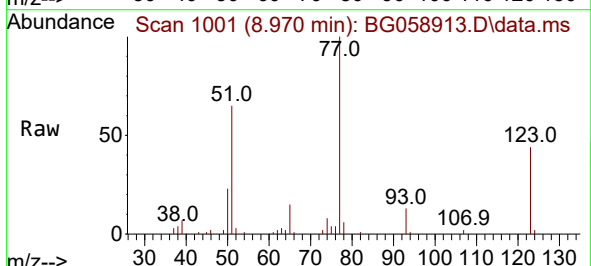
Tgt Ion: 77 Resp: 64261

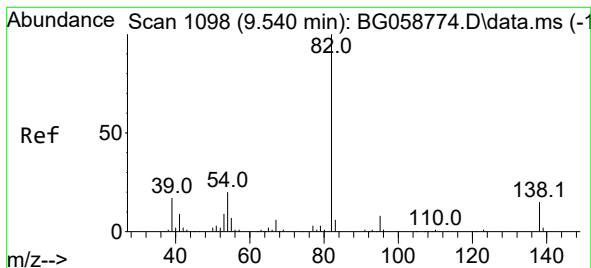
Ion Ratio Lower Upper

77 100

123 43.7 34.9 52.3

65 15.0 10.9 16.3





#25

Isophorone

Concen: 41.941 ng

RT: 9.487 min Scan# 1109

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS

Tgt Ion: 82 Resp: 12680

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

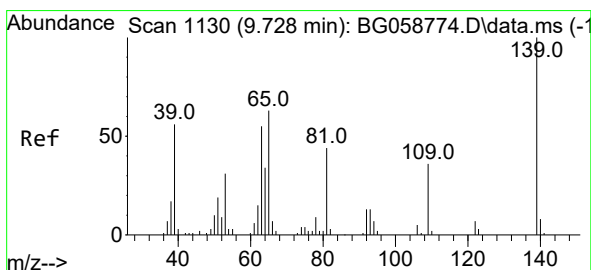
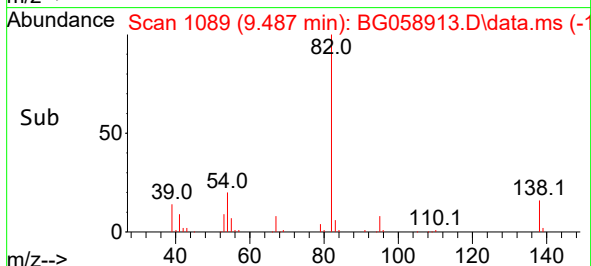
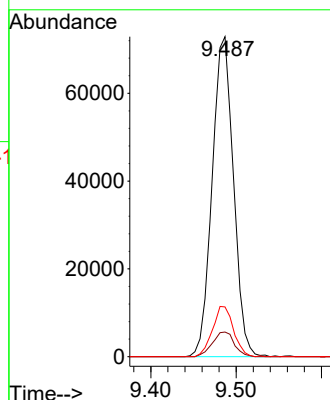
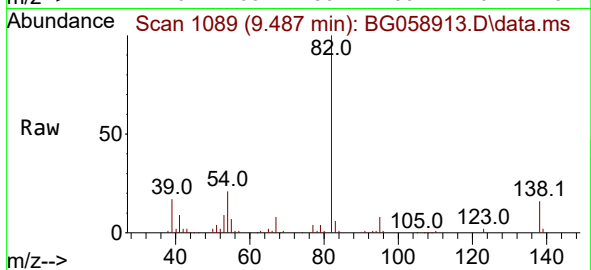
138 15.5 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#26

2-Nitrophenol

Concen: 46.948 ng

RT: 9.675 min Scan# 1121

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

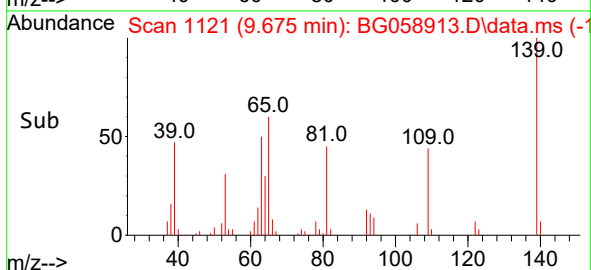
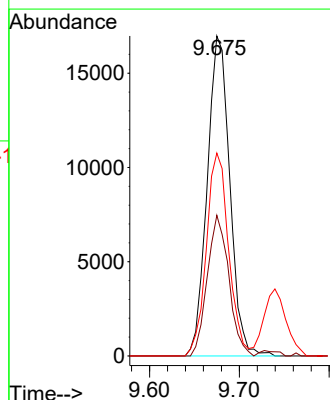
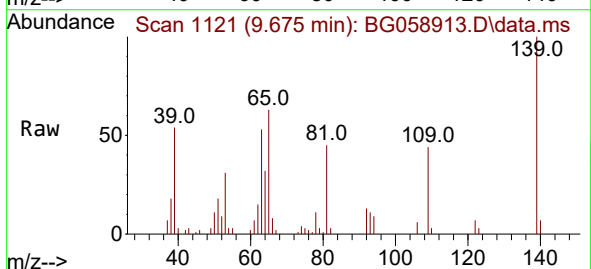
Tgt Ion:139 Resp: 29690

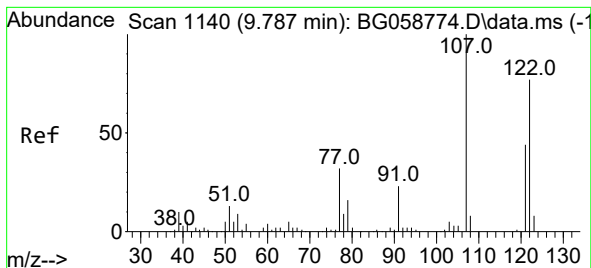
Ion Ratio Lower Upper

139 100

109 44.0 28.7 43.1#

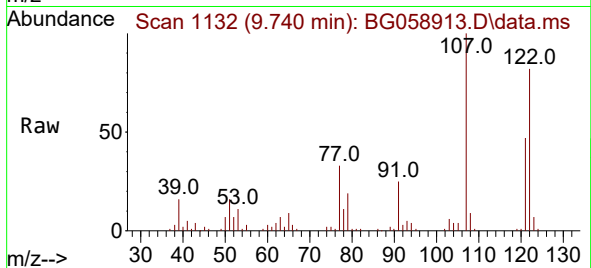
65 63.4 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 48.135 ng
RT: 9.740 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

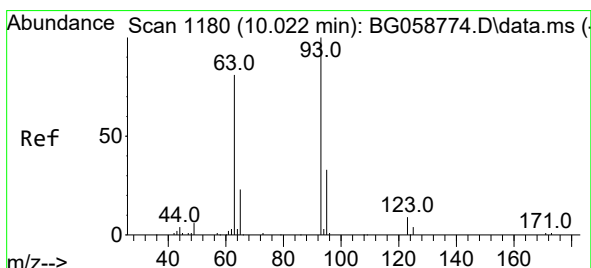
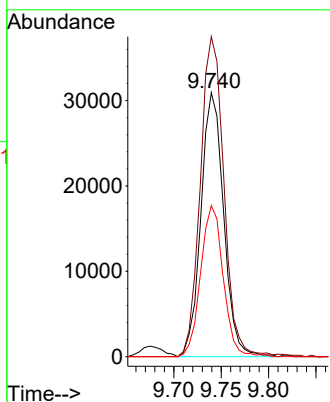
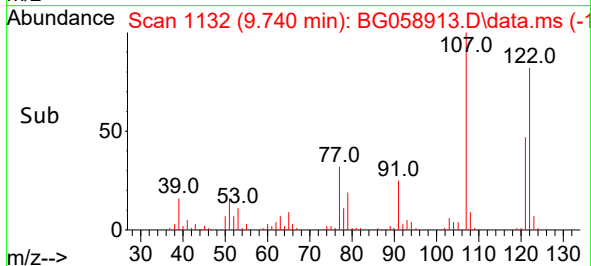
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:122 Resp: 51590
Ion Ratio Lower Upper
122 100
107 121.2 102.6 154.0
121 57.2 45.0 67.4

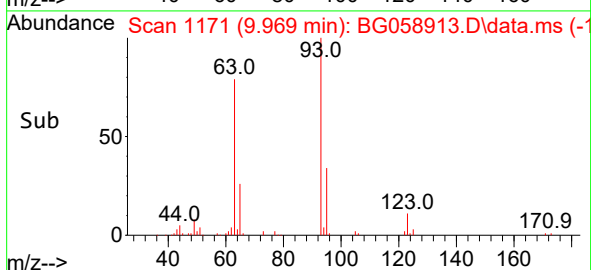
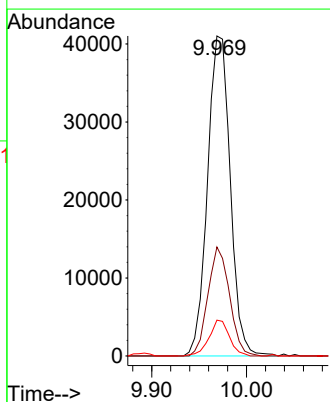
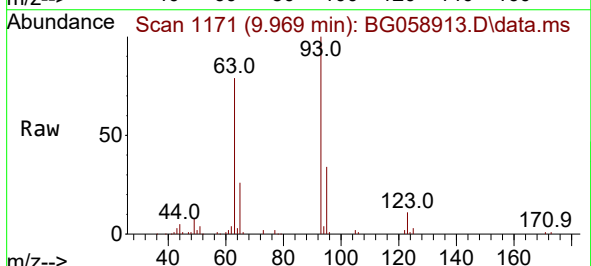
Manual Integrations
APPROVED

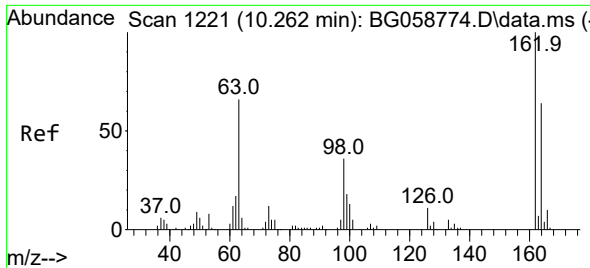
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.806 ng
RT: 9.969 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

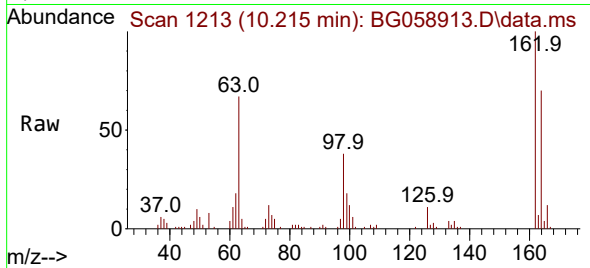
Tgt Ion: 93 Resp: 68553
Ion Ratio Lower Upper
93 100
95 34.1 26.2 39.4
123 11.2 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 52.631 ng
RT: 10.215 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

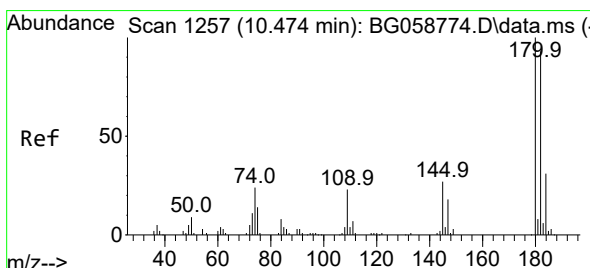
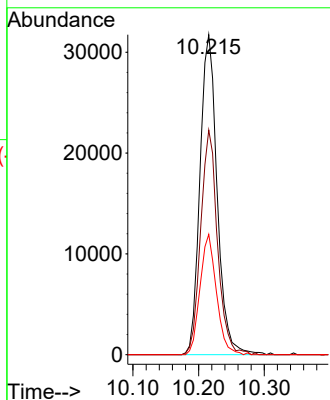
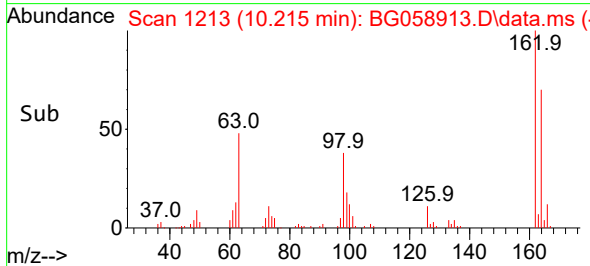
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



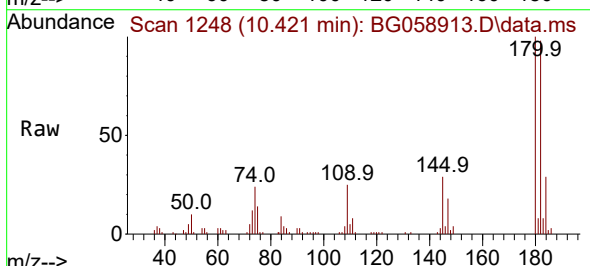
Tgt Ion:162 Resp: 5796
Ion Ratio Lower Upper
162 100
164 70.2 44.4 84.4
98 37.6 16.1 56.1

Manual Integrations
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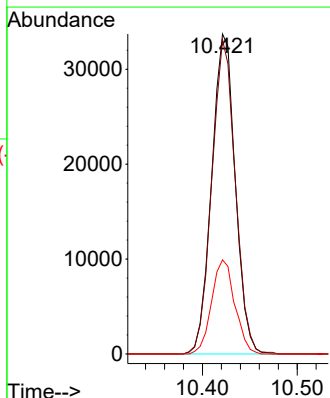
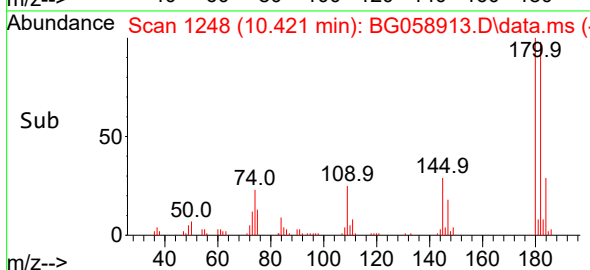
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

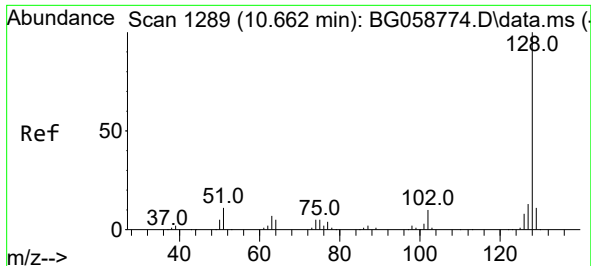


#30
1,2,4-Trichlorobenzene
Concen: 43.820 ng
RT: 10.421 min Scan# 1248
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



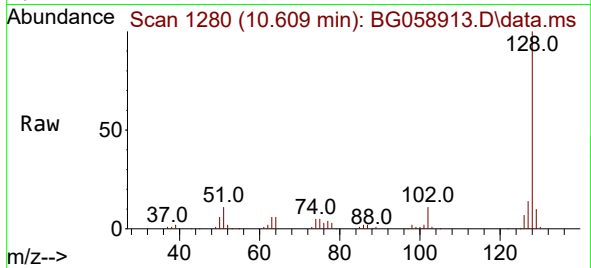
Tgt Ion:180 Resp: 58278
Ion Ratio Lower Upper
180 100
182 98.2 74.6 112.0
145 29.4 21.4 32.0





#31
Naphthalene
Concen: 42.403 ng
RT: 10.609 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

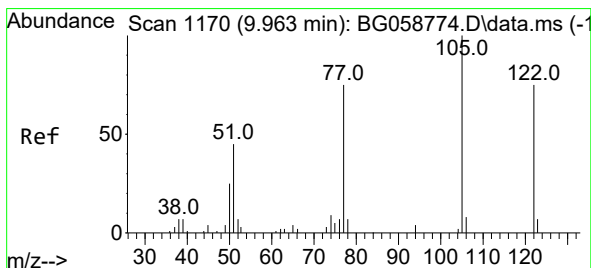
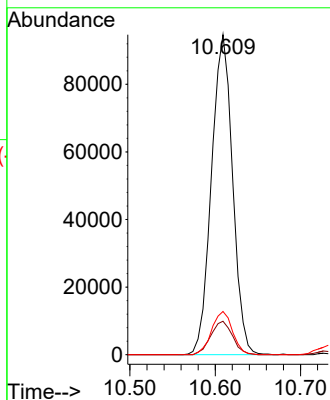
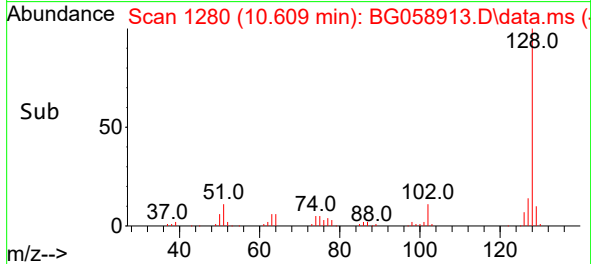
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



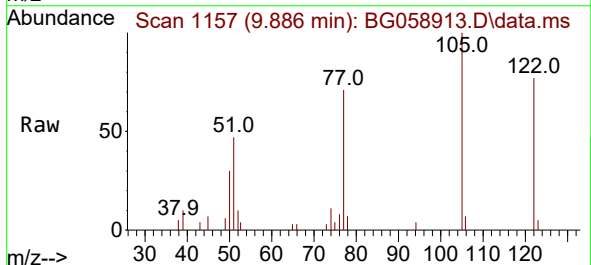
Tgt Ion:128 Resp: 162735
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.5 10.6 15.8

Manual Integrations
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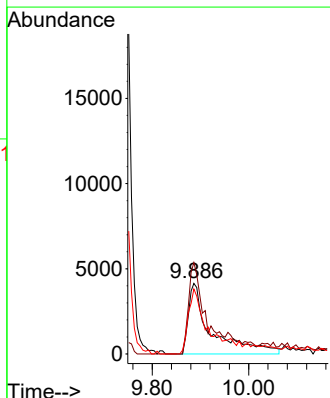
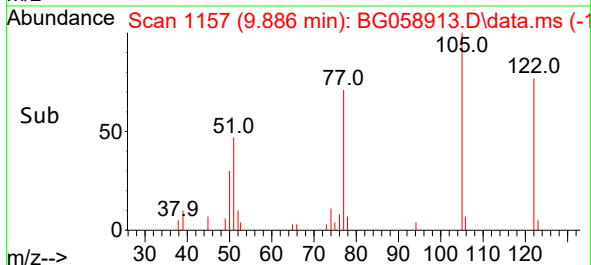
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

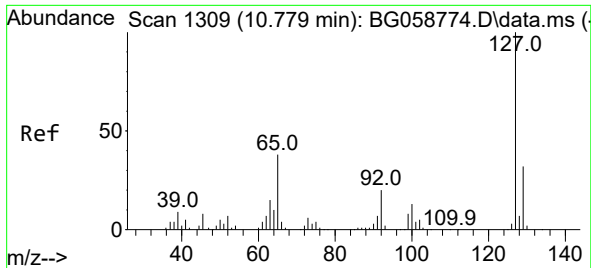


#32
Benzoic acid
Concen: 23.848 ng m
RT: 9.886 min Scan# 1157
Delta R.T. -0.052 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



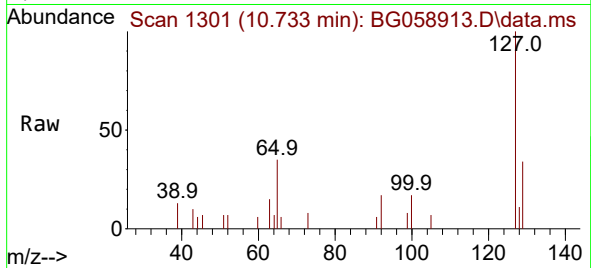
Tgt Ion:122 Resp: 13513
Ion Ratio Lower Upper
122 100
105 129.4 113.6 153.6
77 92.1 79.7 119.7





#33
4-Chloroaniline
Concen: 3.425 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

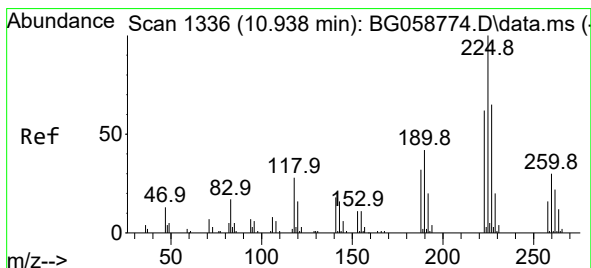
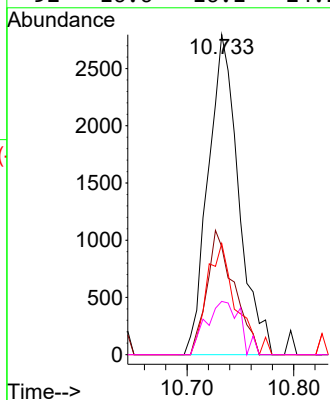
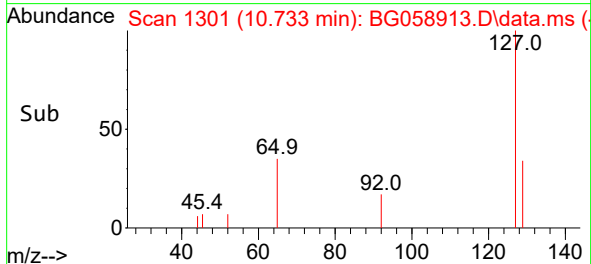
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:127 Resp: 554
Ion Ratio Lower Upper
127 100
129 33.7 25.2 37.8
65 34.7 30.5 45.7
92 16.6 16.1 24.1

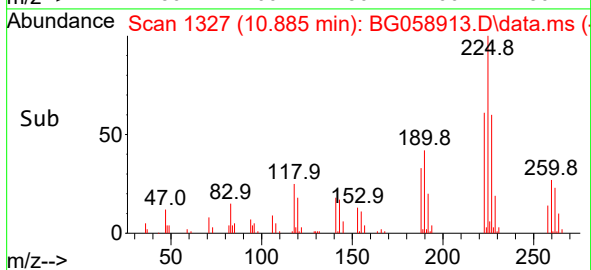
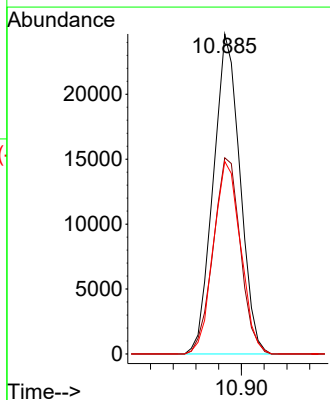
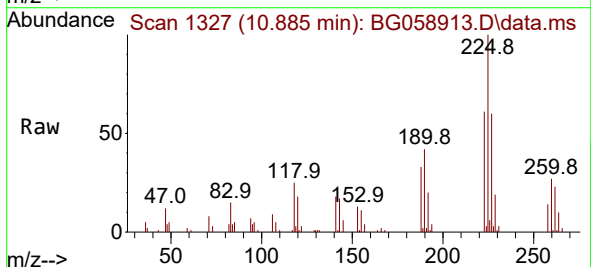
Manual Integrations
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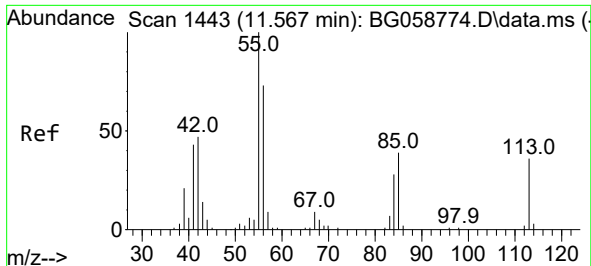
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#34
Hexachlorobutadiene
Concen: 44.777 ng
RT: 10.885 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

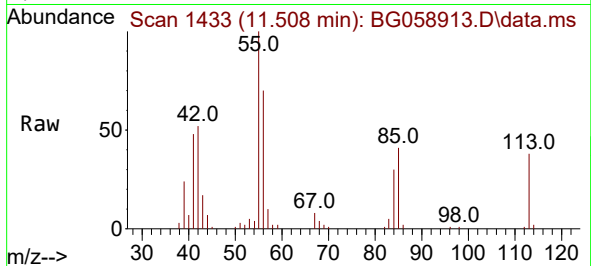
Tgt Ion:225 Resp: 40192
Ion Ratio Lower Upper
225 100
223 61.3 49.9 74.9
227 60.2 51.6 77.4





#35
Caprolactam
Concen: 40.251 ng m
RT: 11.508 min Scan# 1443
Delta R.T. -0.029 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

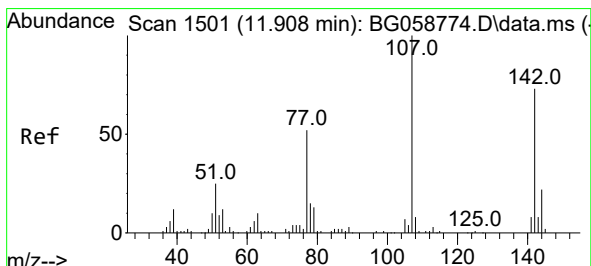
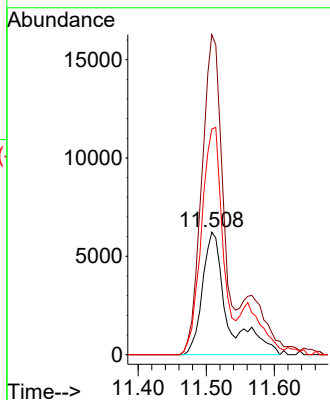
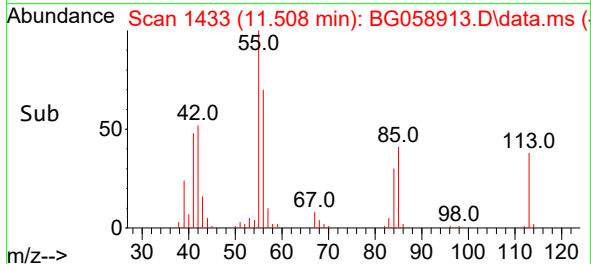
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:113 Resp: 1588
Ion Ratio Lower Upper
113 100
55 261.1 256.3 296.3
56 184.0 180.4 220.4

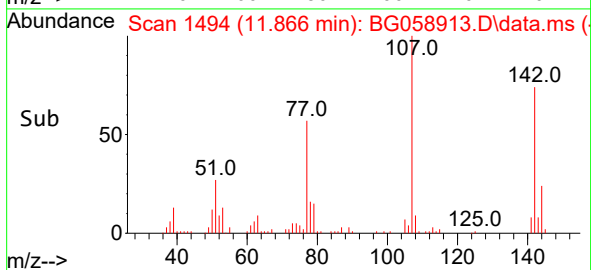
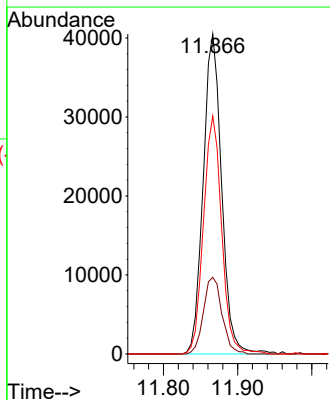
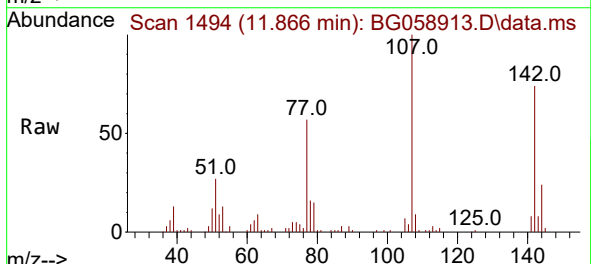
Manual Integrations
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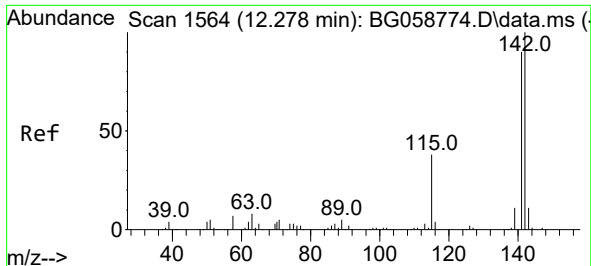
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#36
4-Chloro-3-methylphenol
Concen: 51.073 ng
RT: 11.866 min Scan# 1494
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Tgt Ion:107 Resp: 69950
Ion Ratio Lower Upper
107 100
144 23.9 17.9 26.9
142 74.4 58.5 87.7





#37

2-Methylnaphthalene

Concen: 43.725 ng

RT: 12.225 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS

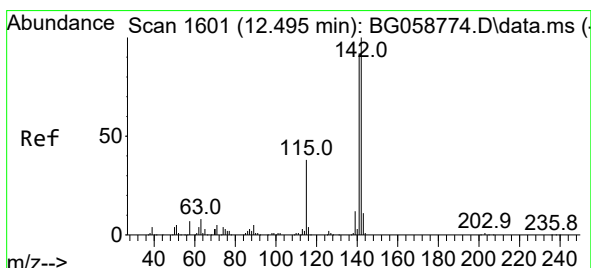
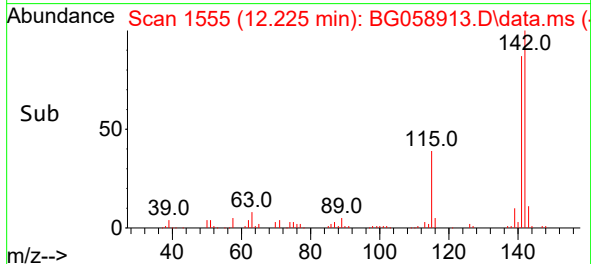
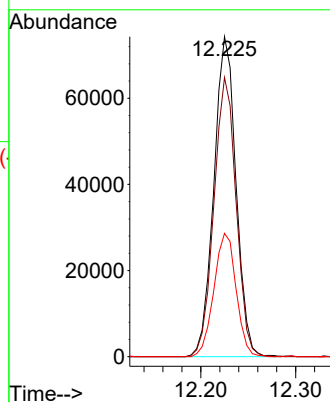
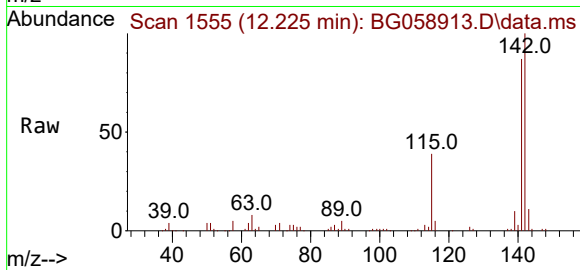
Tgt Ion:142 Resp: 120529
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.8 107.8
 115 38.5 30.6 45.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#38

1-Methylnaphthalene

Concen: 43.998 ng

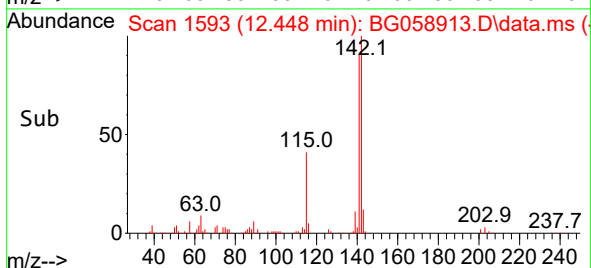
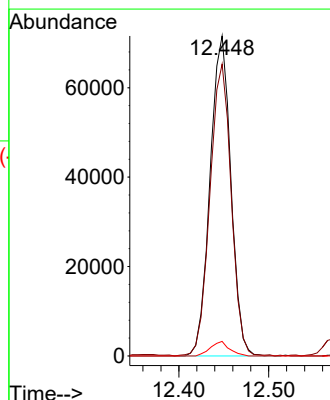
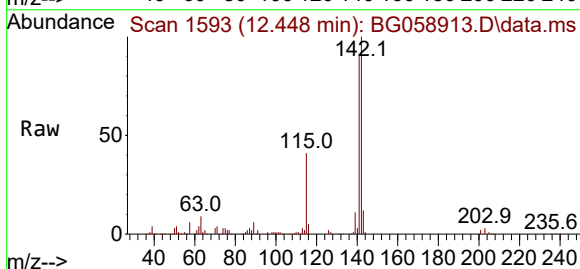
RT: 12.448 min Scan# 1593

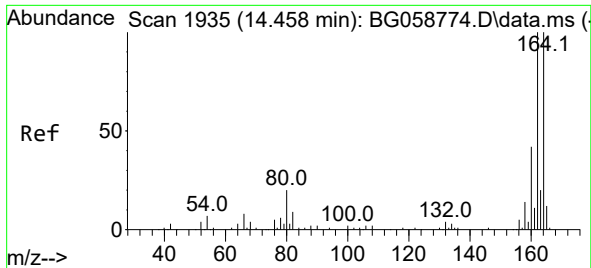
Delta R.T. 0.001 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

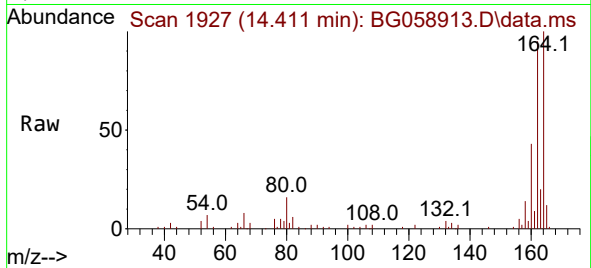
Tgt Ion:142 Resp: 115122
 Ion Ratio Lower Upper
 142 100
 141 91.2 73.9 110.9
 116 4.5 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.411 min Scan# 1619
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

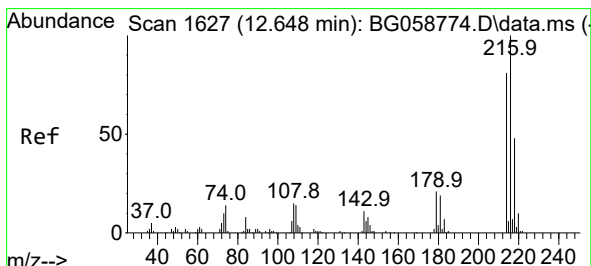
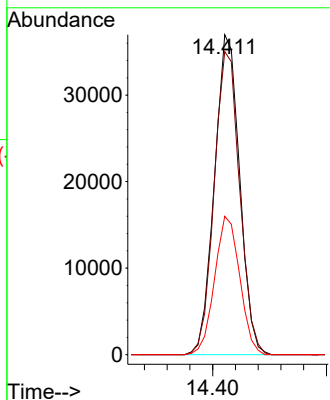
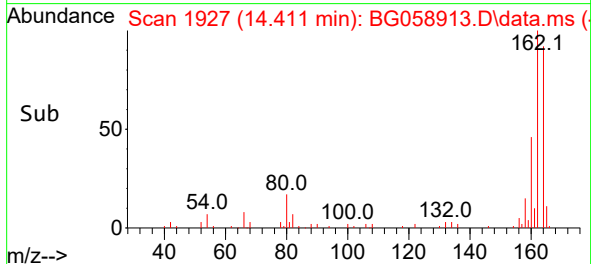
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



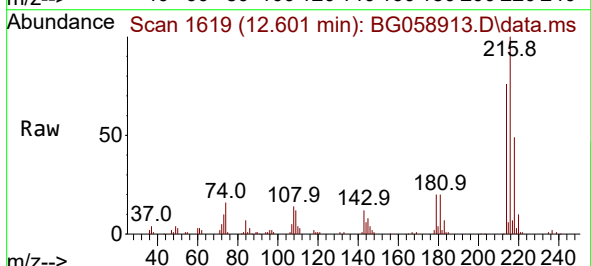
Tgt Ion:164 Resp: 5669
Ion Ratio Lower Upper
164 100
162 94.7 79.6 119.4
160 43.2 34.0 51.0

Manual Integrations
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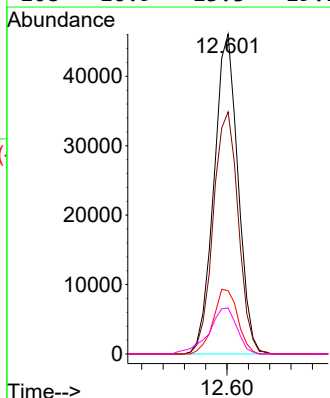
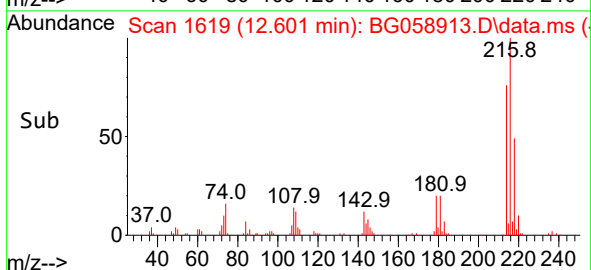
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

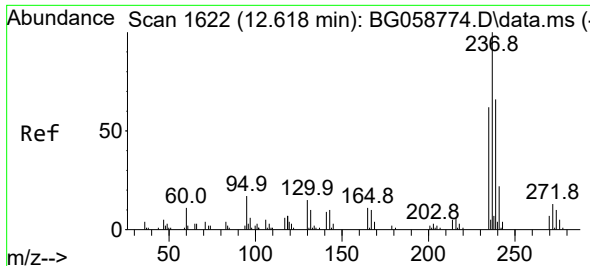


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.198 ng
RT: 12.601 min Scan# 1619
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



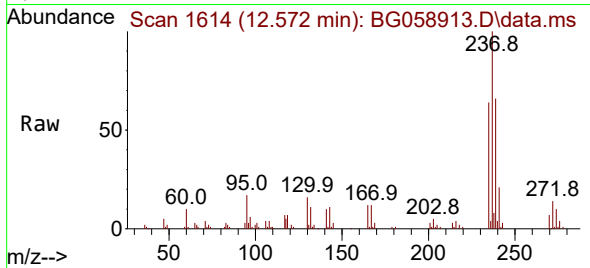
Tgt Ion:216 Resp: 72003
Ion Ratio Lower Upper
216 100
214 78.8 64.0 96.0
179 20.5 16.2 24.4
108 16.9 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 82.672 ng
RT: 12.572 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

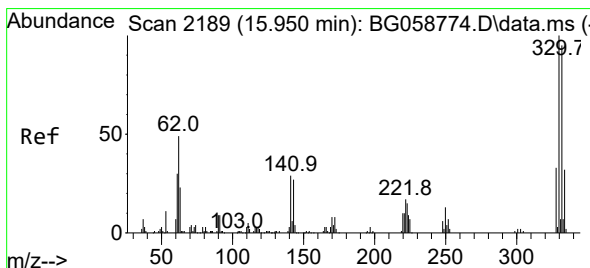
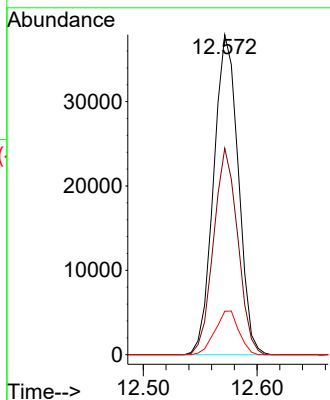
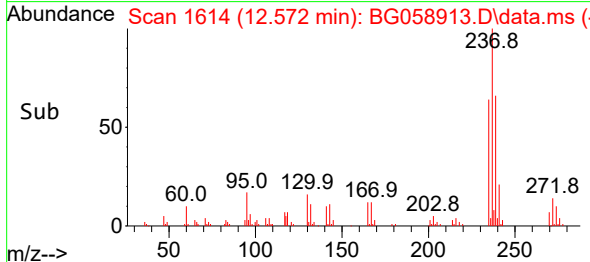
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



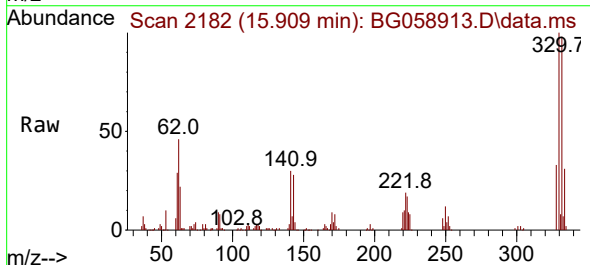
Tgt Ion:237 Resp: 5706
Ion Ratio Lower Upper
237 100
235 64.5 41.5 81.5
272 13.5 0.0 32.5

Manual Integrations
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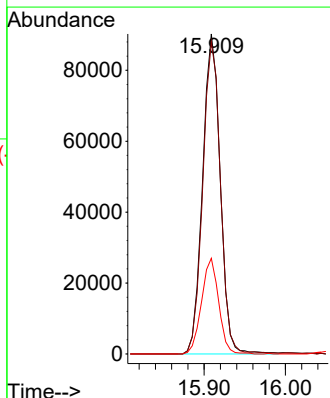
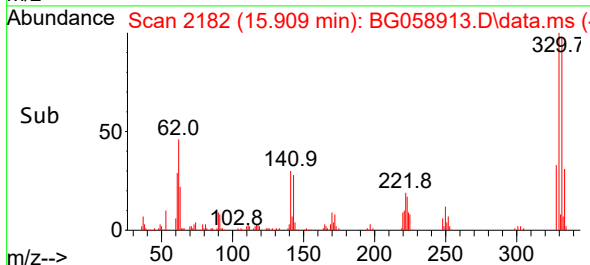
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

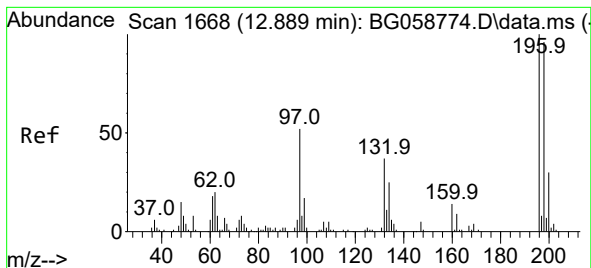


#42
2,4,6-Tribromophenol
Concen: 152.876 ng
RT: 15.909 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



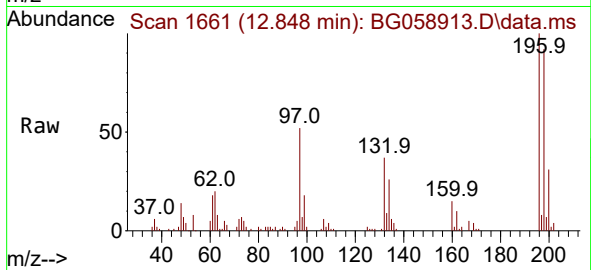
Tgt Ion:330 Resp: 135892
Ion Ratio Lower Upper
330 100
332 97.9 78.5 117.7
141 29.0 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 49.636 ng
RT: 12.848 min Scan# 1674
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

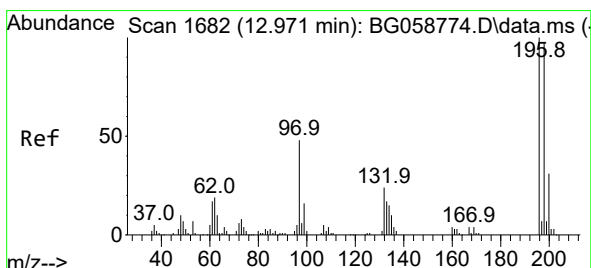
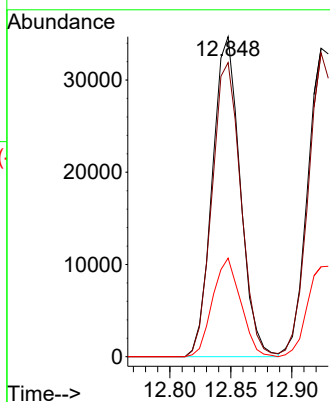
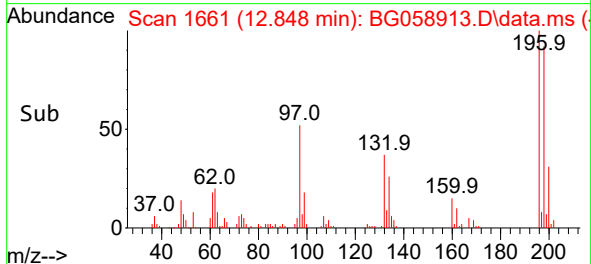
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



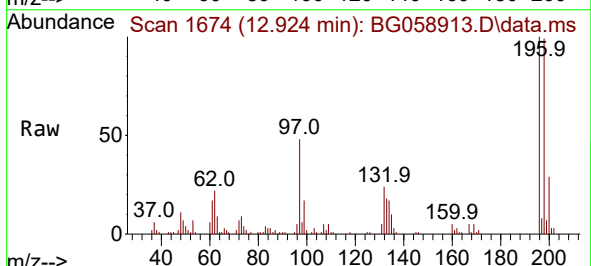
Tgt Ion:196 Resp: 55199
Ion Ratio Lower Upper
196 100
198 91.9 77.0 115.4
200 30.8 23.8 35.6

Manual Integrations
APPROVED

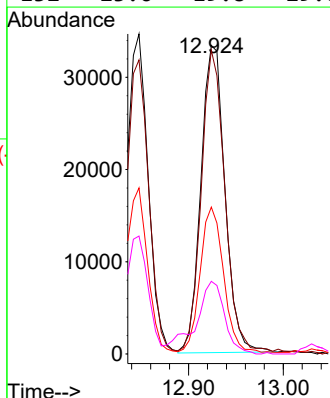
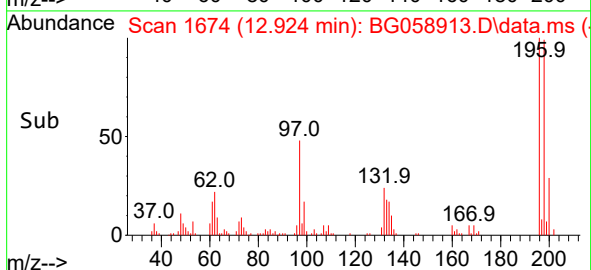
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

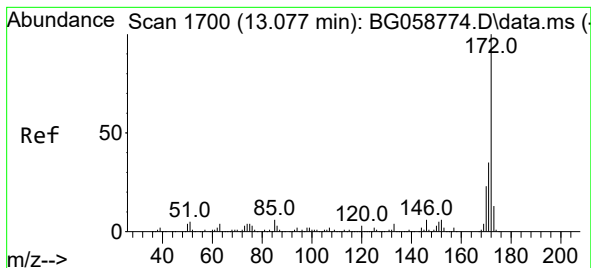


#44
2,4,5-Trichlorophenol
Concen: 44.238 ng
RT: 12.924 min Scan# 1674
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



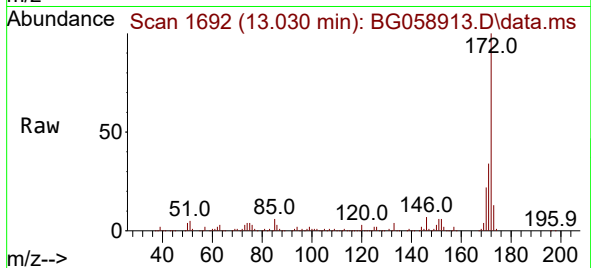
Tgt Ion:196 Resp: 58912
Ion Ratio Lower Upper
196 100
198 98.5 78.0 117.0
97 47.6 38.7 58.1
132 23.6 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 88.812 ng
RT: 13.030 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

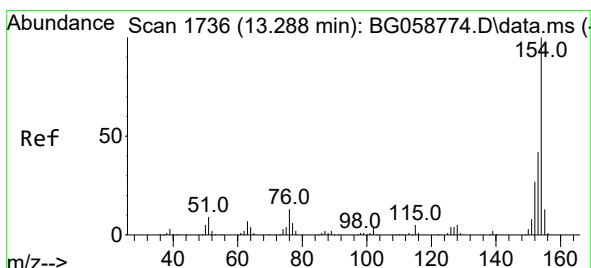
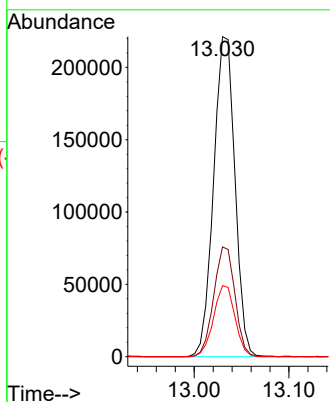
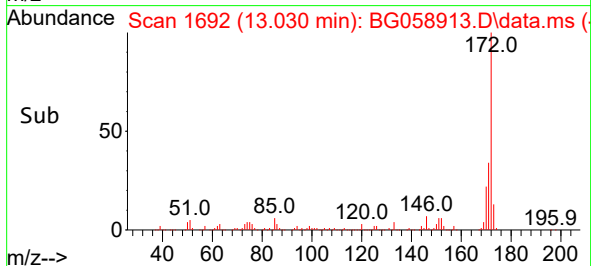
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



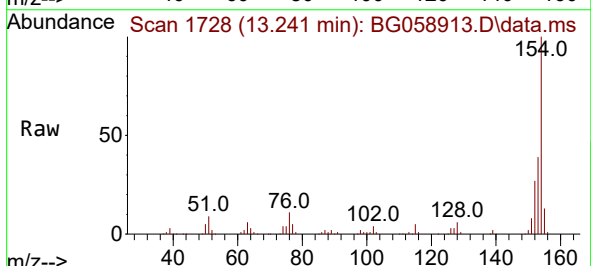
Tgt Ion:172 Resp: 34616
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.2 18.6 27.8

Manual Integrations
APPROVED

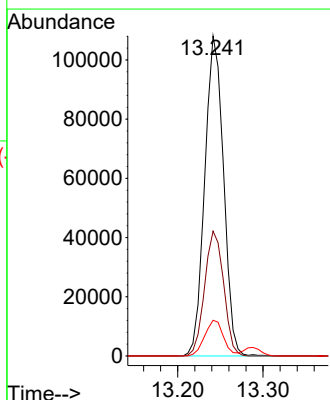
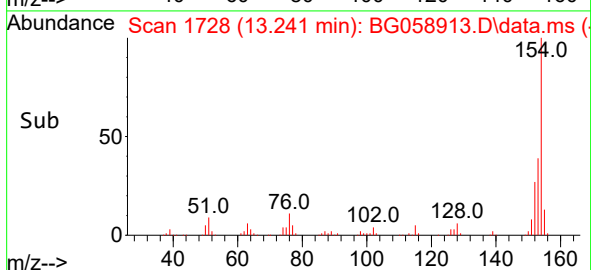
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

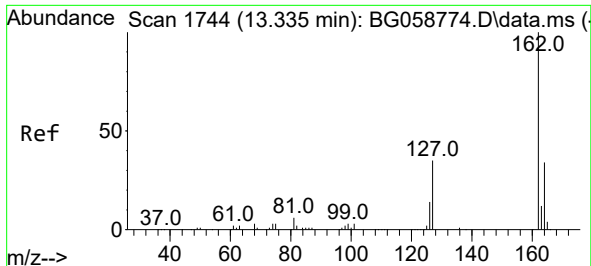


#46
1,1'-Biphenyl
Concen: 42.358 ng
RT: 13.241 min Scan# 1728
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



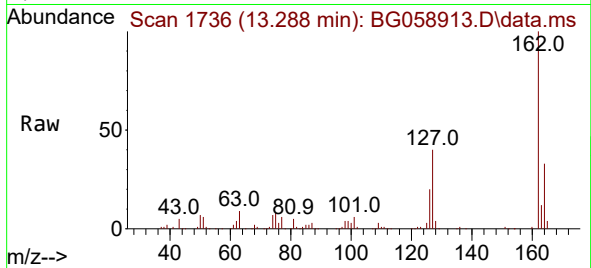
Tgt Ion:154 Resp: 165424
Ion Ratio Lower Upper
154 100
153 39.0 21.7 61.7
76 11.1 0.0 33.2





#47
2-Chloronaphthalene
Concen: 43.776 ng
RT: 13.288 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

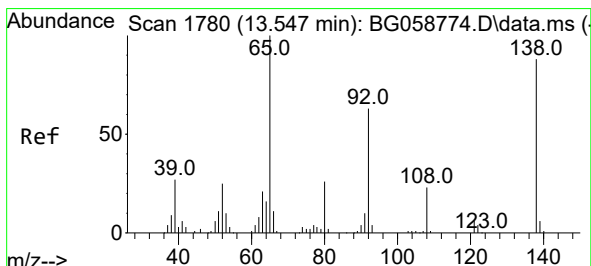
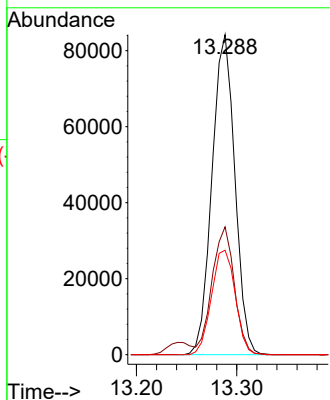
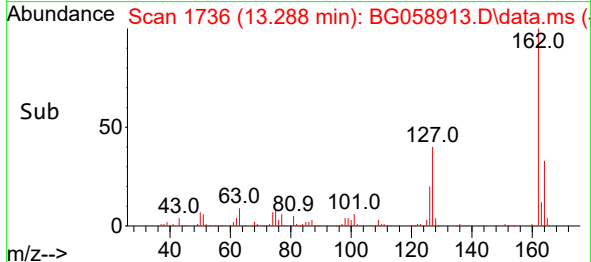
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



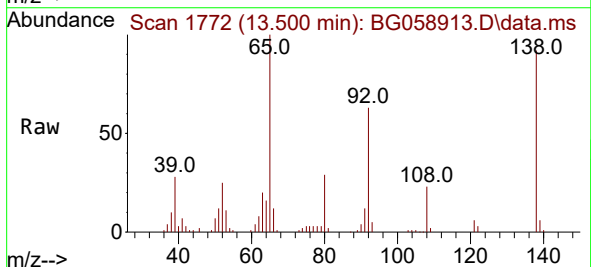
Tgt Ion:162 Resp: 133230
Ion Ratio Lower Upper
162 100
127 40.0 31.5 47.3
164 32.6 27.3 40.9

Manual Integrations
APPROVED

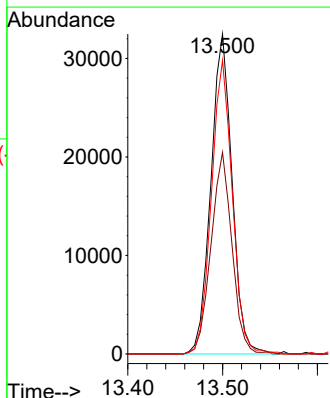
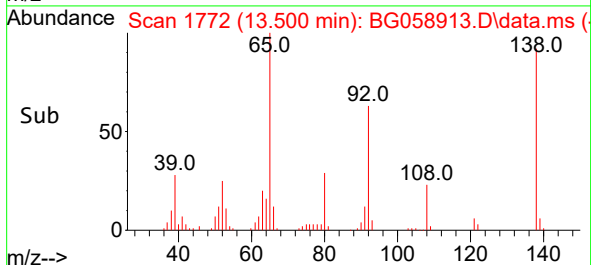
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

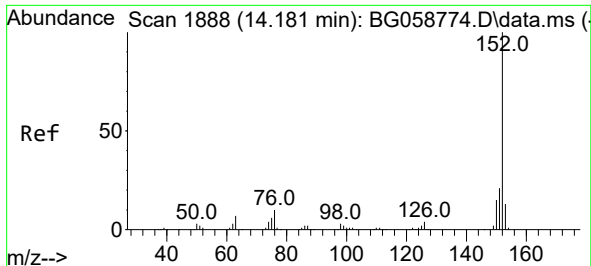


#48
2-Nitroaniline
Concen: 43.558 ng
RT: 13.500 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



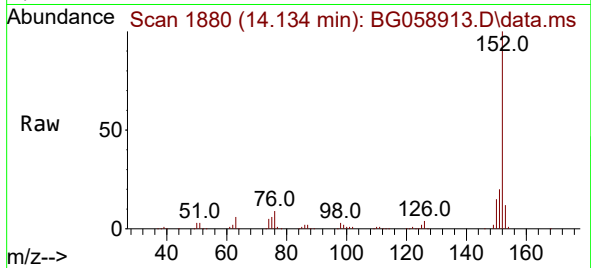
Tgt Ion: 65 Resp: 50348
Ion Ratio Lower Upper
65 100
92 63.0 50.7 76.1
138 91.8 70.7 106.1





#49
Acenaphthylene
Concen: 44.004 ng
RT: 14.134 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

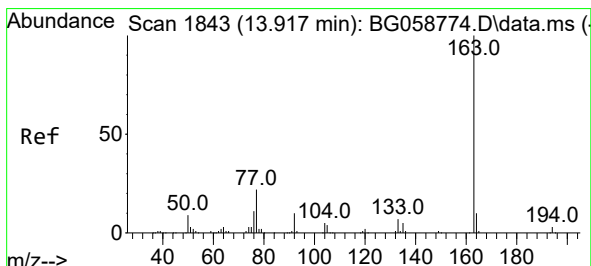
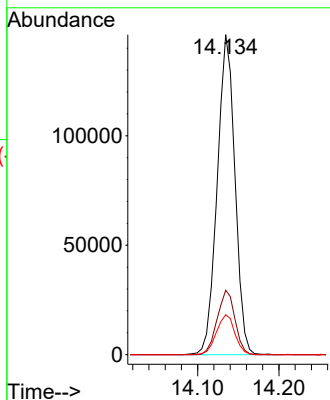
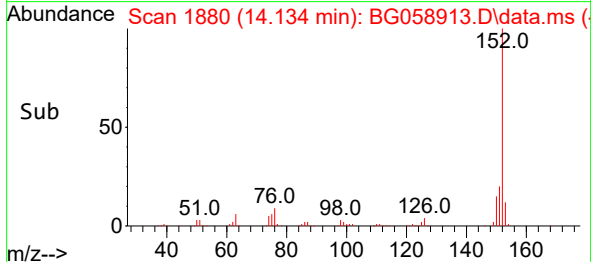
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



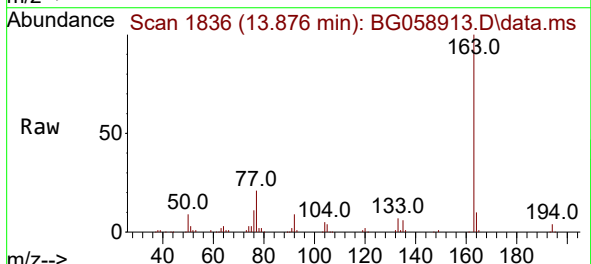
Tgt Ion:152 Resp: 222090
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 12.5 10.7 16.1

Manual Integrations
APPROVED

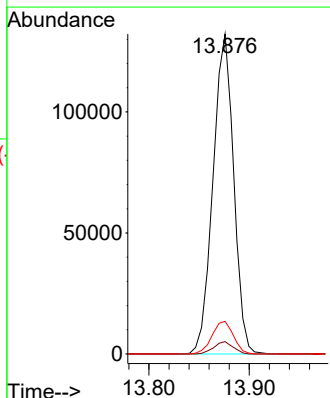
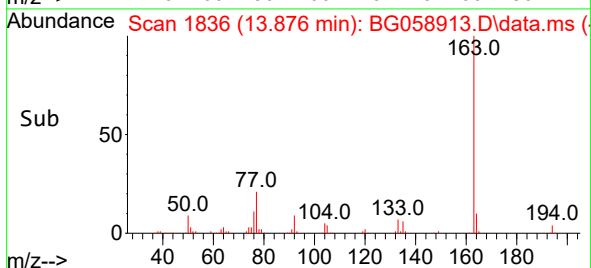
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

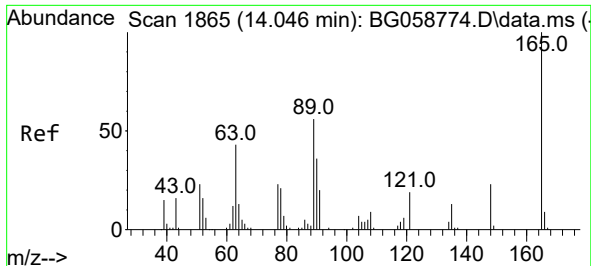


#50
Dimethylphthalate
Concen: 43.079 ng
RT: 13.876 min Scan# 1836
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



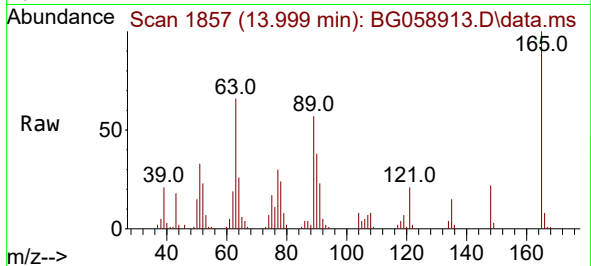
Tgt Ion:163 Resp: 189094
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.660 ng
RT: 13.999 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

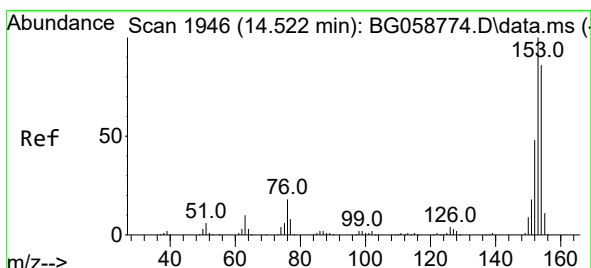
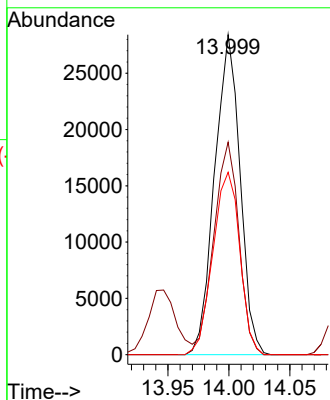
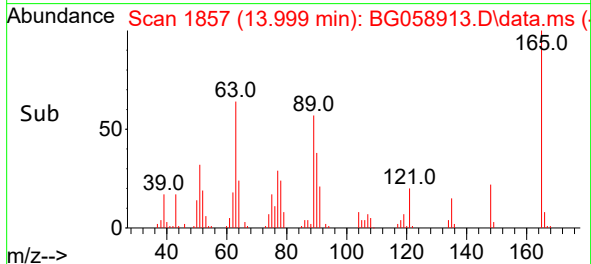
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



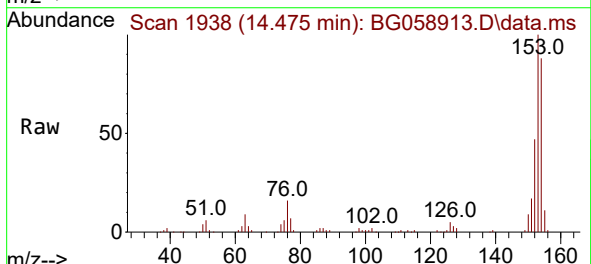
Tgt Ion:165 Resp: 41184
Ion Ratio Lower Upper
165 100
63 66.4 47.2 70.8
89 57.0 45.0 67.4

Manual Integrations
APPROVED

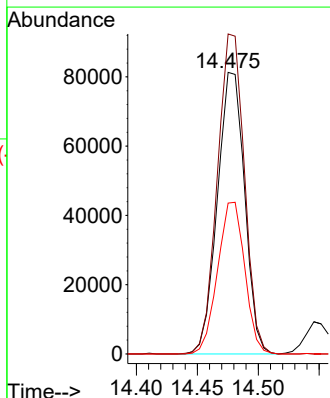
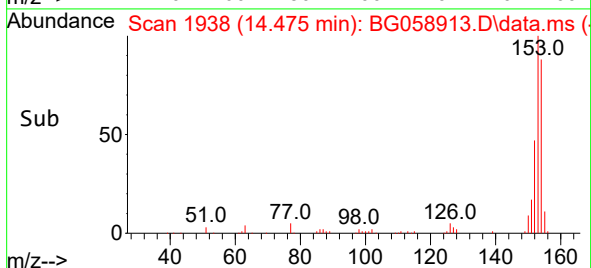
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

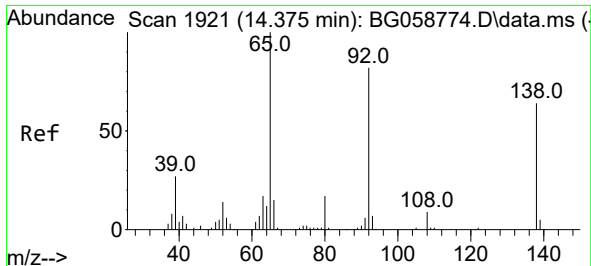


#52
Acenaphthene
Concen: 42.946 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



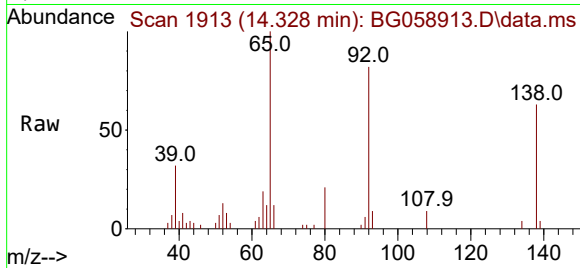
Tgt Ion:154 Resp: 126663
Ion Ratio Lower Upper
154 100
153 113.6 92.7 139.1
152 53.6 44.2 66.2





#53
3-Nitroaniline
Concen: 12.010 ng
RT: 14.328 min Scan# 1913
Delta R.T. -0.011 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

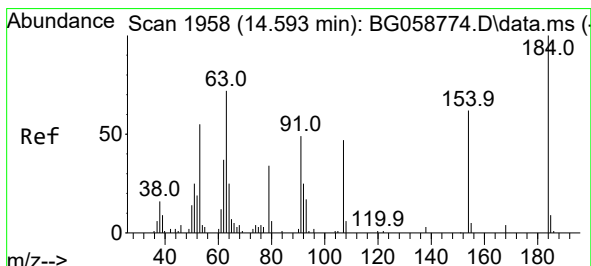
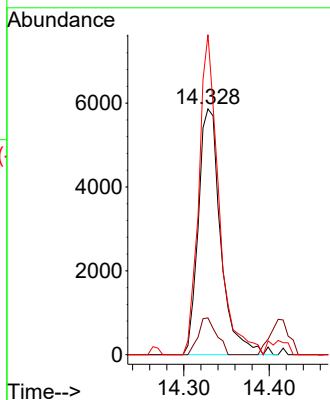
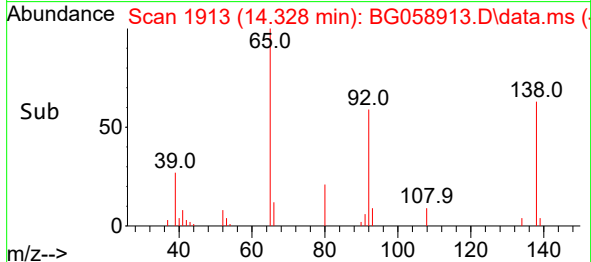
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



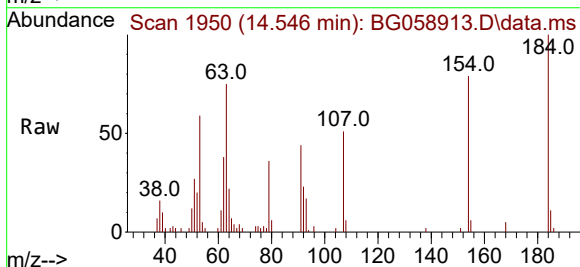
Tgt Ion:138 Resp: 1068
Ion Ratio Lower Upper
138 100
108 14.9 11.8 17.8
92 130.2 102.5 153.7

Manual Integrations
APPROVED

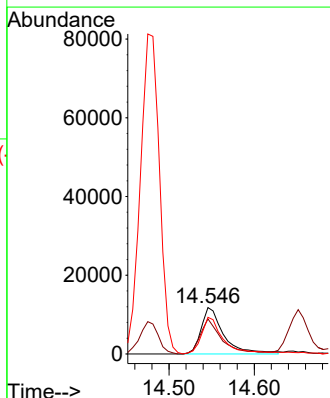
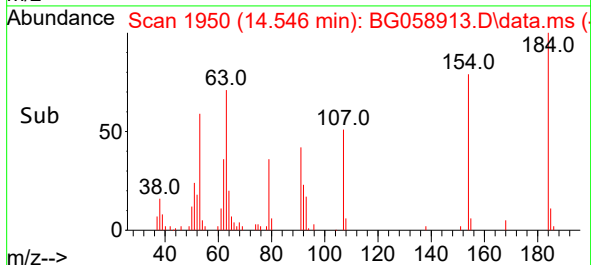
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

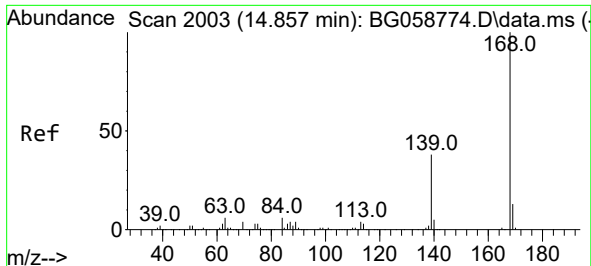


#54
2,4-Dinitrophenol
Concen: 45.391 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



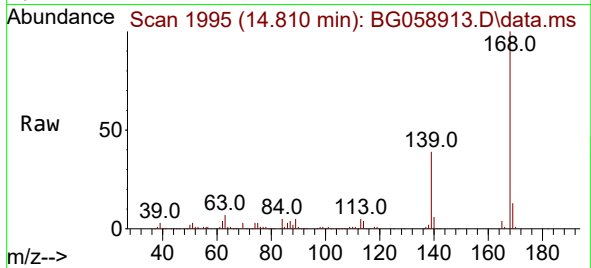
Tgt Ion:184 Resp: 21715
Ion Ratio Lower Upper
184 100
63 75.3 57.7 86.5
154 78.7 51.8 77.6#





#55
Dibenzenofuran
Concen: 42.941 ng
RT: 14.810 min Scan# 1995
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

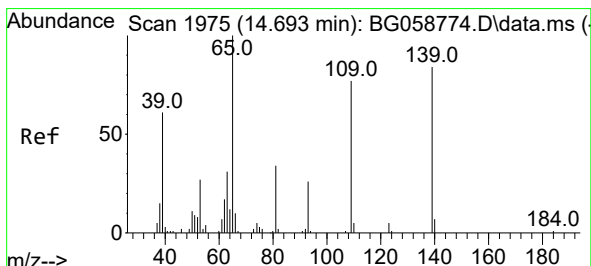
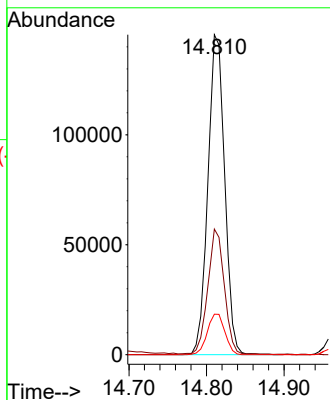
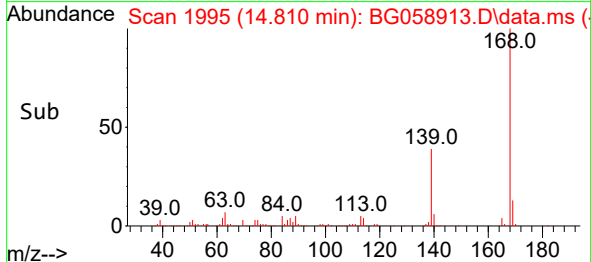
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:168 Resp: 218468
Ion Ratio Lower Upper
168 100
139 39.3 30.4 45.6
169 12.7 10.7 16.1

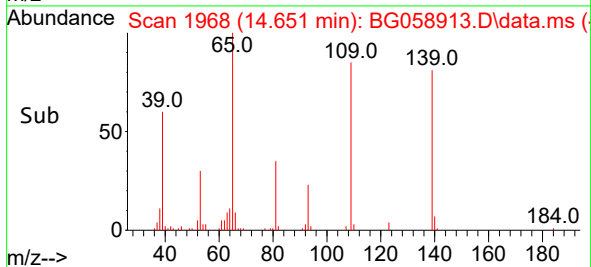
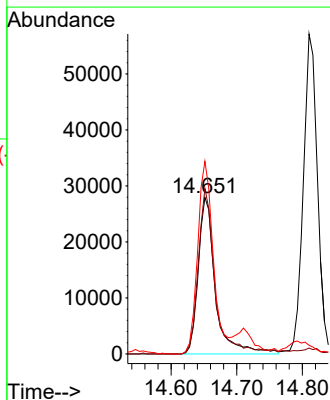
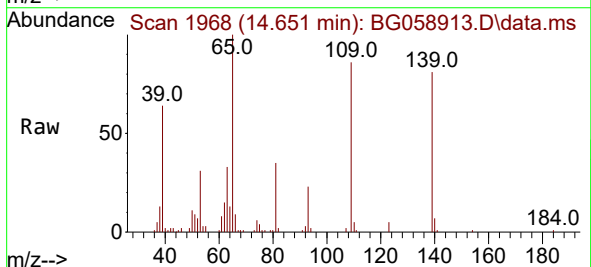
Manual Integrations
APPROVED

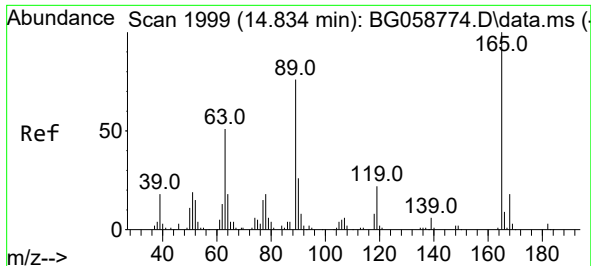
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#56
4-Nitrophenol
Concen: 79.289 ng
RT: 14.651 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

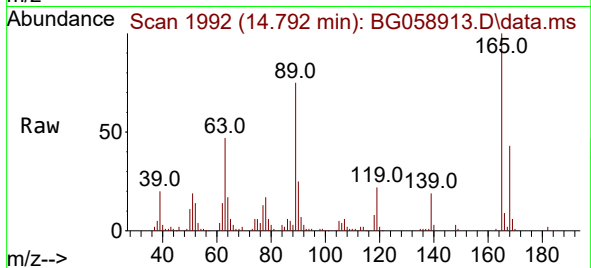
Tgt Ion:139 Resp: 50990
Ion Ratio Lower Upper
139 100
109 105.7 71.9 111.9
65 123.1 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 46.151 ng
RT: 14.792 min Scan# 1992
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

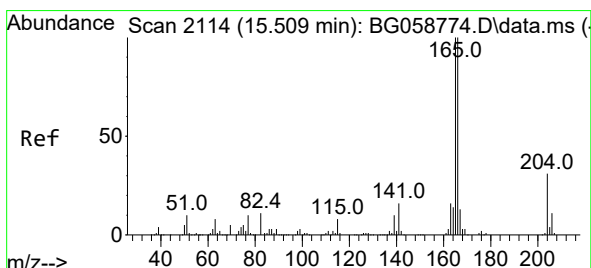
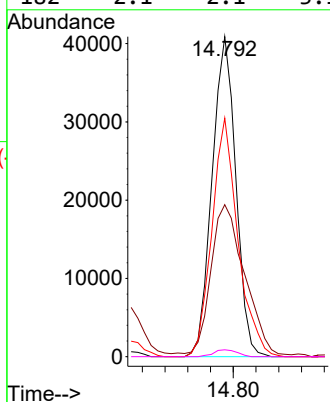
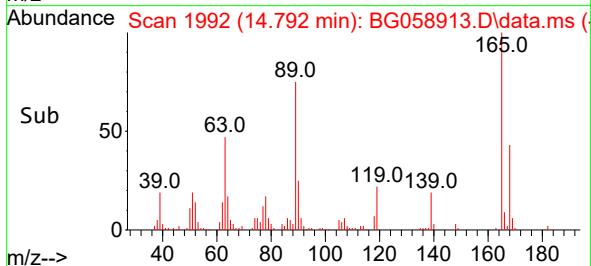
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



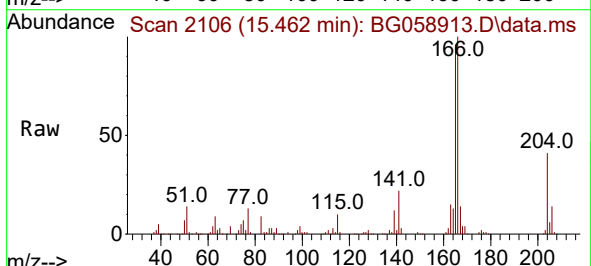
Tgt Ion:	165	Resp:	59360
Ion Ratio	Lower	Upper	
165	100		
63	47.5	41.8	62.6
89	74.6	60.7	91.1
182	2.1	2.1	3.1

Manual Integrations
APPROVED

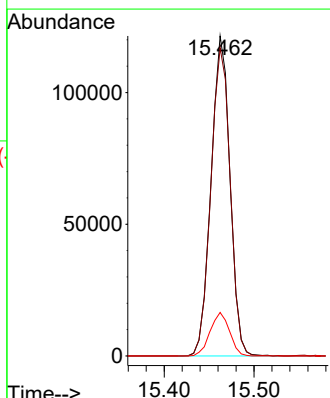
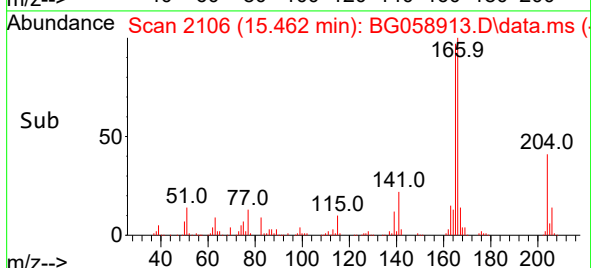
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

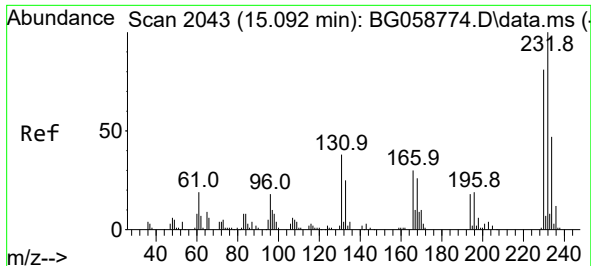


#58
Fluorene
Concen: 43.879 ng
RT: 15.462 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



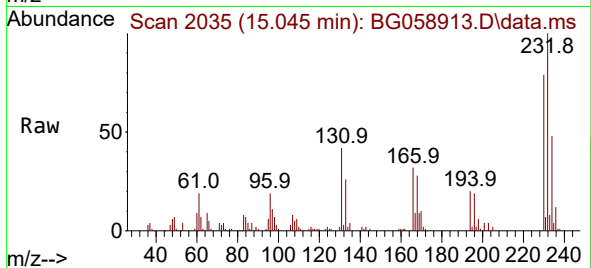
Tgt Ion:	166	Resp:	177662
Ion Ratio	Lower	Upper	
166	100		
165	96.3	79.9	119.9
167	13.6	10.7	16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.285 ng
RT: 15.045 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

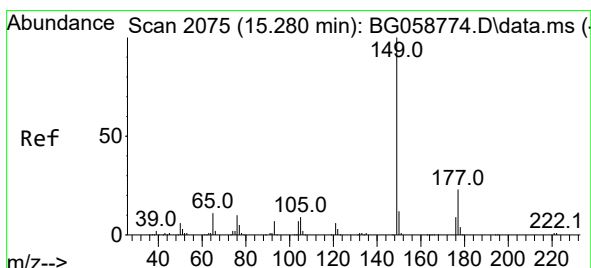
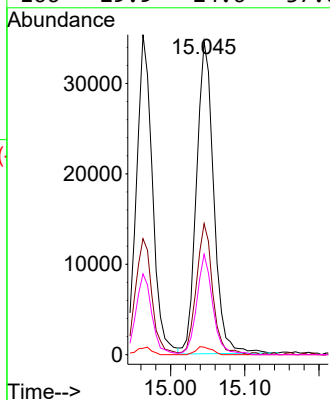
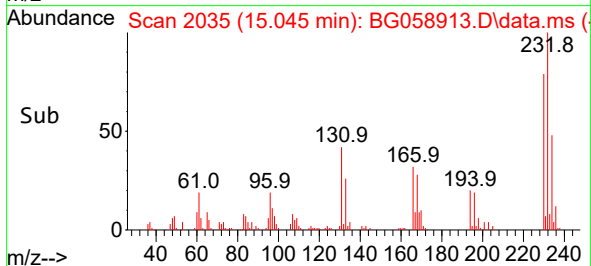
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



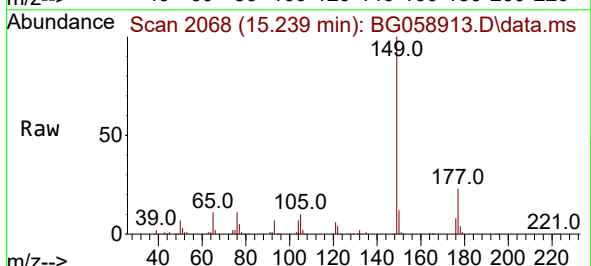
Tgt Ion:232 Resp: 5573
Ion Ratio Lower Upper
232 100
131 39.7 33.9 50.9
130 2.3 1.8 2.6
166 29.9 24.6 37.0

Manual Integrations
APPROVED

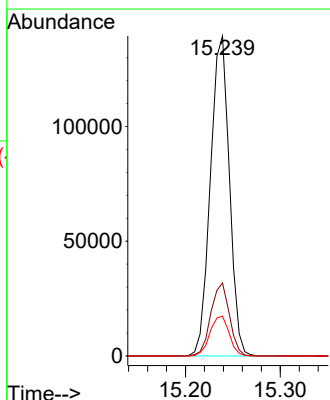
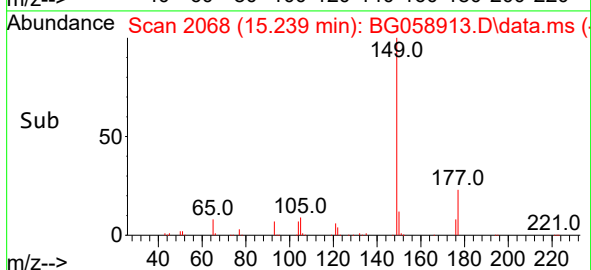
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

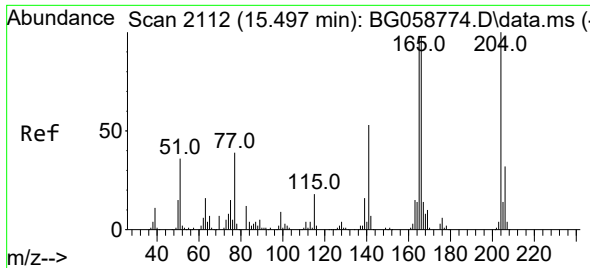


#60
Diethylphthalate
Concen: 42.831 ng
RT: 15.239 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



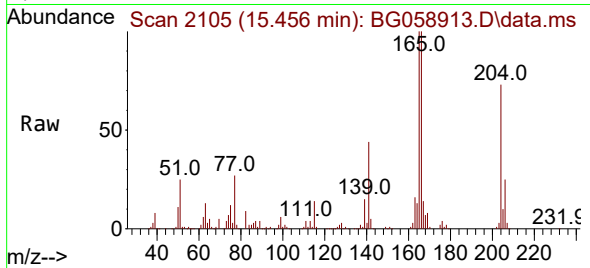
Tgt Ion:149 Resp: 193839
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.374 ng
RT: 15.456 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

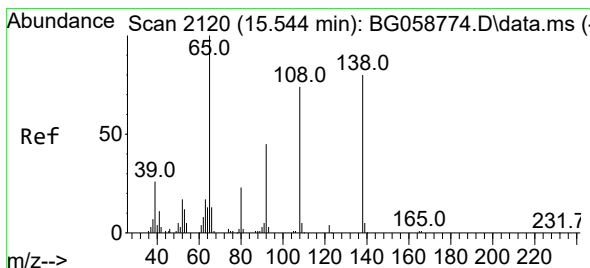
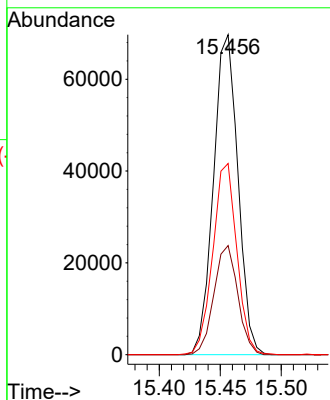
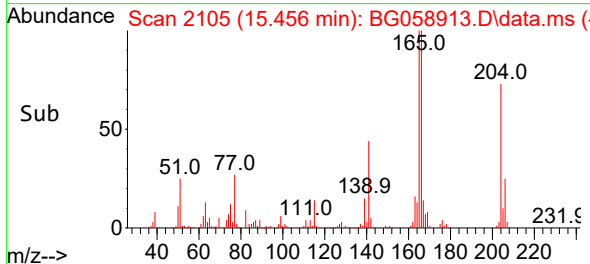
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



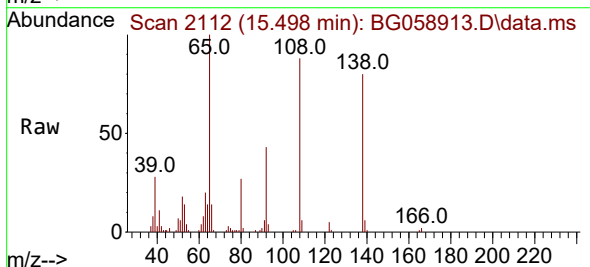
Tgt Ion:204 Resp: 97339
Ion Ratio Lower Upper
204 100
206 34.1 25.6 38.4
141 59.8 42.3 63.5

Manual Integrations
APPROVED

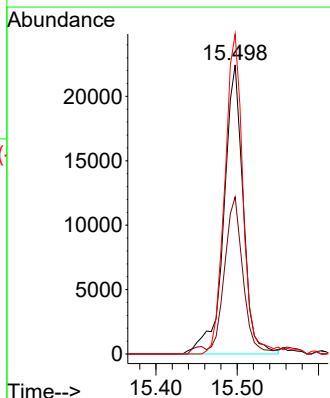
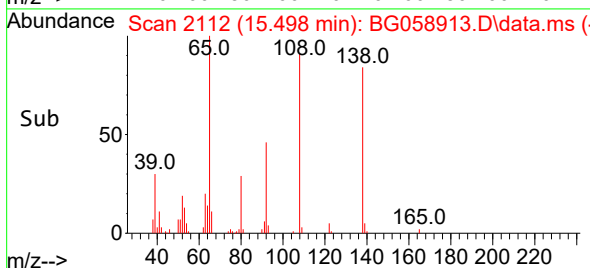
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

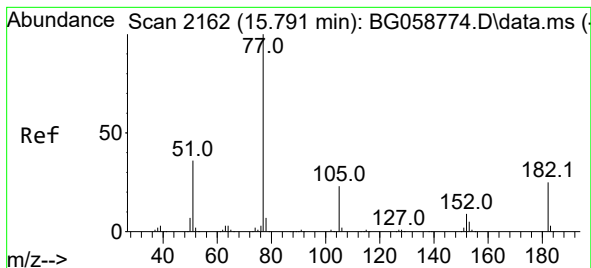


#62
4-Nitroaniline
Concen: 41.168 ng
RT: 15.498 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



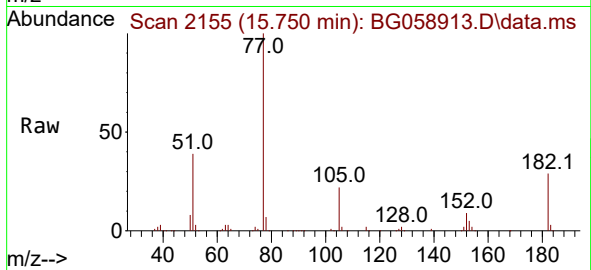
Tgt Ion:138 Resp: 37158
Ion Ratio Lower Upper
138 100
92 54.4 36.4 76.4
108 110.7 72.2 112.2





#63
Azobenzene
Concen: 41.352 ng
RT: 15.750 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

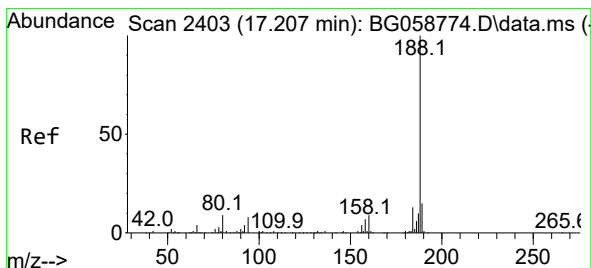
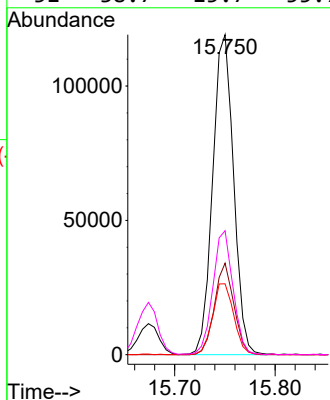
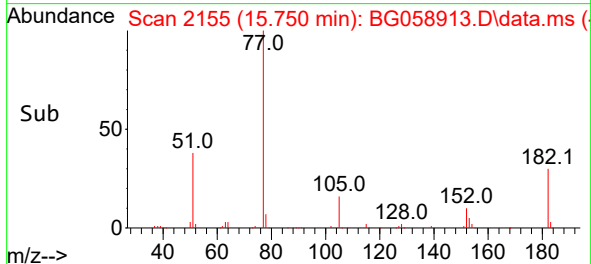
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



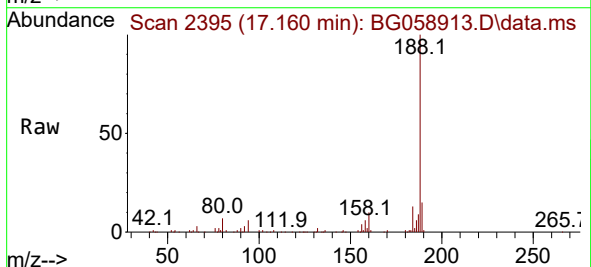
Tgt Ion: 77 Resp: 17184
Ion Ratio Lower Upper
77 100
182 28.6 4.9 44.9
105 22.1 2.8 42.8
51 38.7 15.7 55.7

Manual Integrations
APPROVED

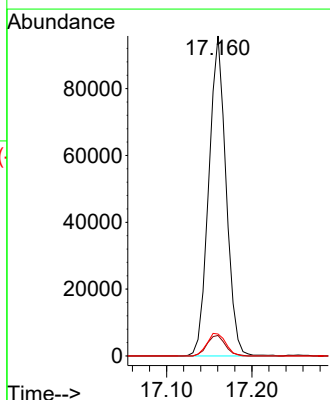
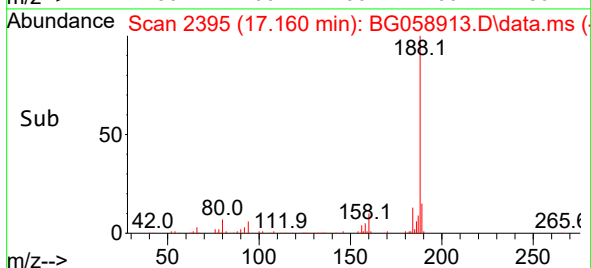
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

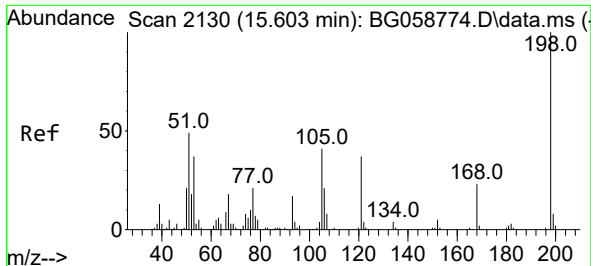


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2395
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



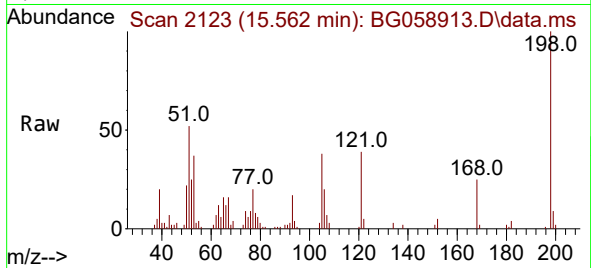
Tgt Ion:188 Resp: 134588
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 6.9 6.9 10.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 32.030 ng
RT: 15.562 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

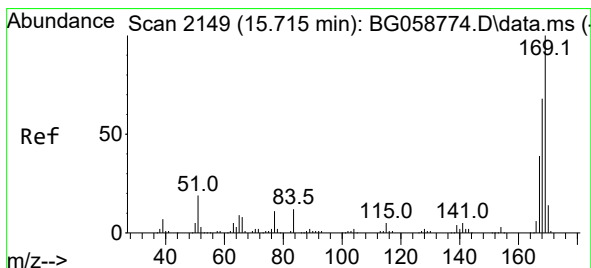
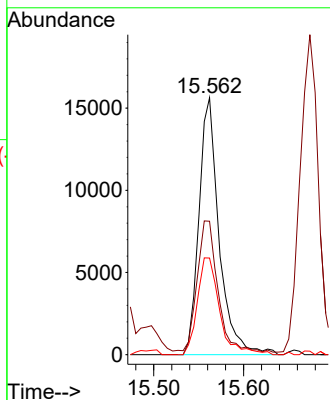
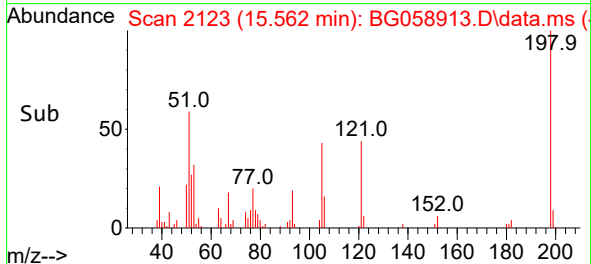
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



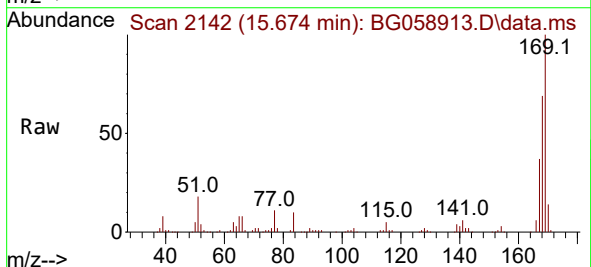
Tgt Ion:198 Resp: 2436
Ion Ratio Lower Upper
198 100
51 51.9 31.3 71.3
105 37.6 20.7 60.7

Manual Integrations
APPROVED

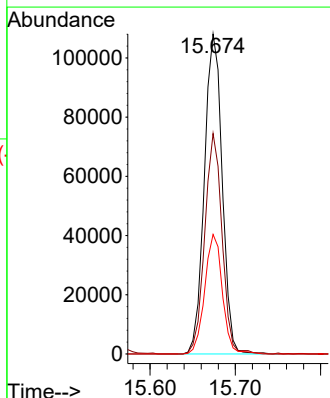
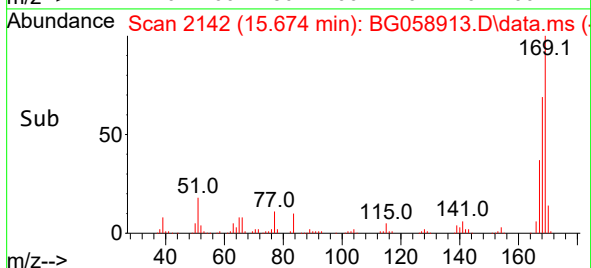
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

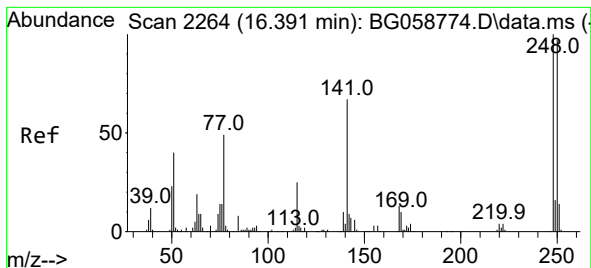


#66
n-Nitrosodiphenylamine
Concen: 45.141 ng
RT: 15.674 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



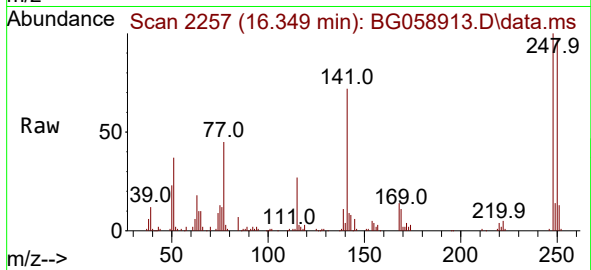
Tgt Ion:169 Resp: 156586
Ion Ratio Lower Upper
169 100
168 68.9 54.4 81.6
167 37.4 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 45.333 ng
RT: 16.349 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

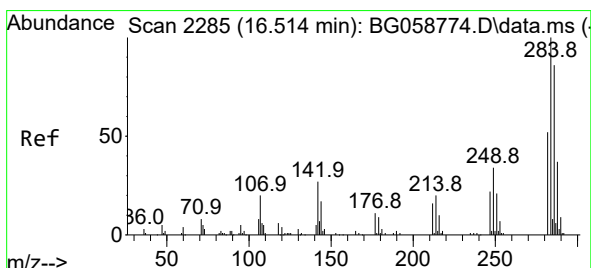
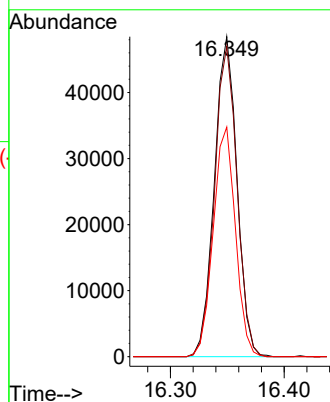
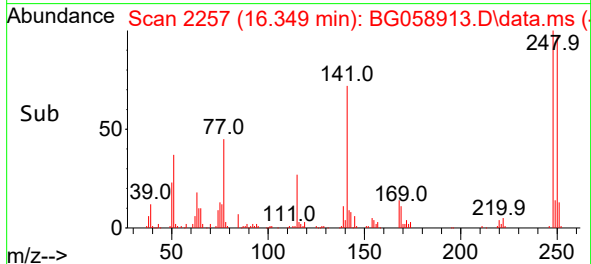
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



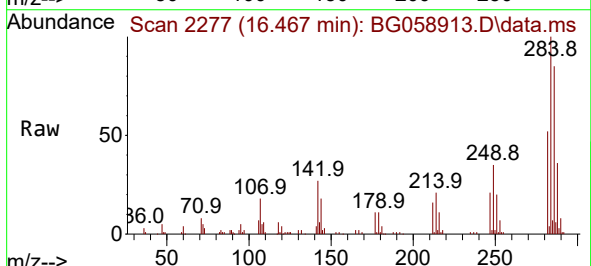
Tgt Ion:248 Resp: 6695
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 71.8 53.6 80.4

Manual Integrations
APPROVED

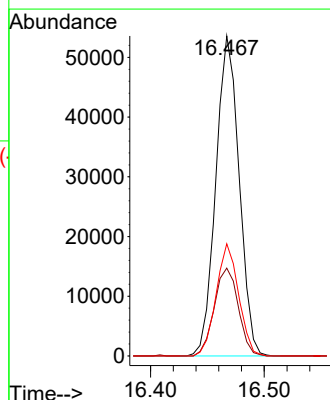
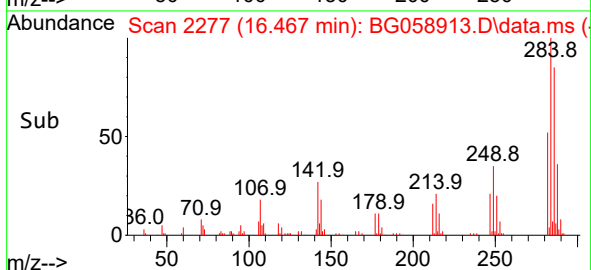
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

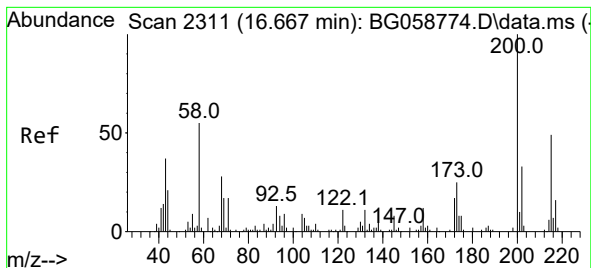


#68
Hexachlorobenzene
Concen: 48.052 ng
RT: 16.467 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



Tgt Ion:284 Resp: 76381
Ion Ratio Lower Upper
284 100
142 27.5 22.0 33.0
249 35.0 27.2 40.8





#69

Atrazine

Concen: 40.272 ng

RT: 16.626 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS

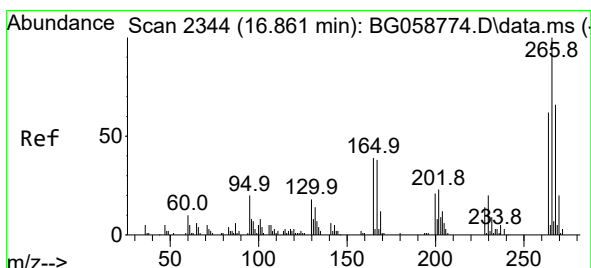
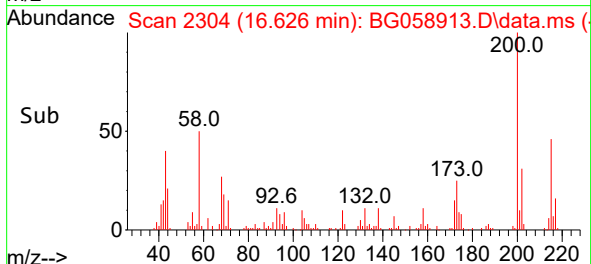
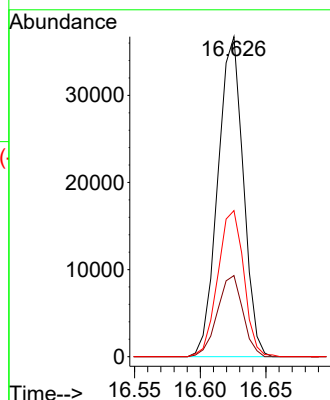
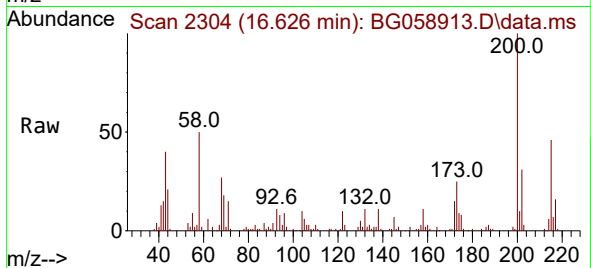
Tgt Ion:200 Resp: 49439
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.3 45.3
 215 45.7 29.4 69.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#70

Pentachlorophenol

Concen: 74.061 ng

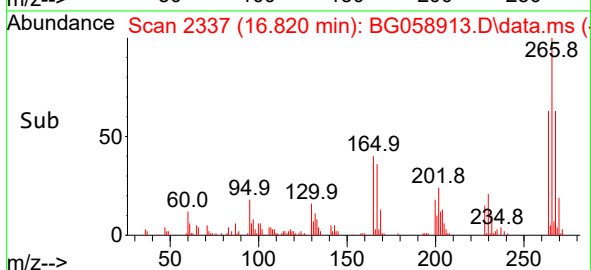
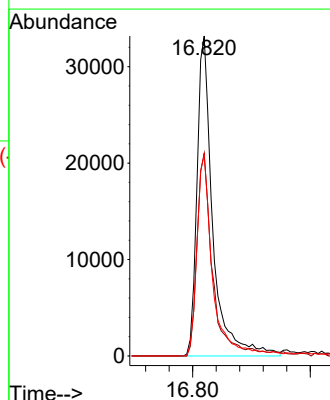
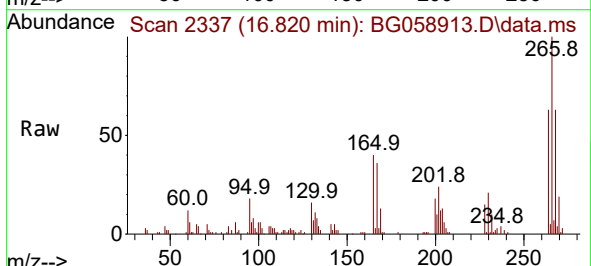
RT: 16.820 min Scan# 2337

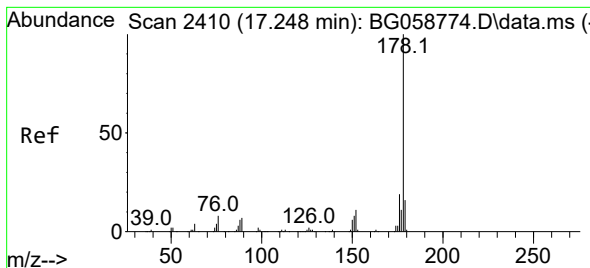
Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Tgt Ion:266 Resp: 61730
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.7 79.1
 264 63.0 49.5 74.3





#71

Phenanthrene

Concen: 44.317 ng

RT: 17.201 min Scan# 2410

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

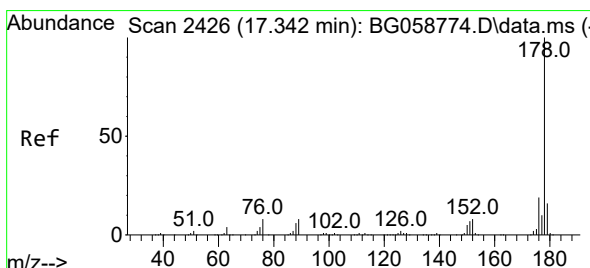
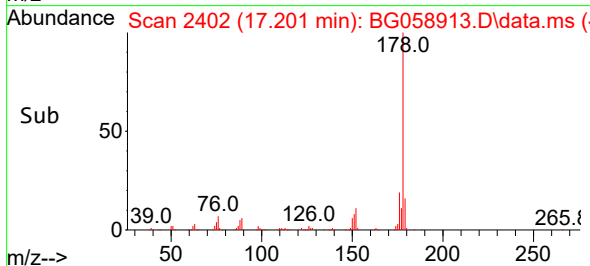
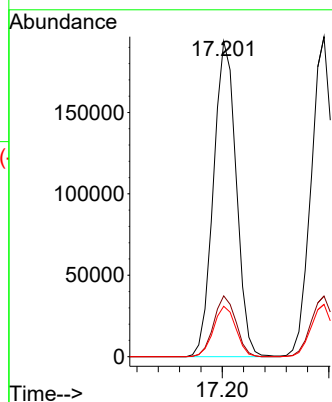
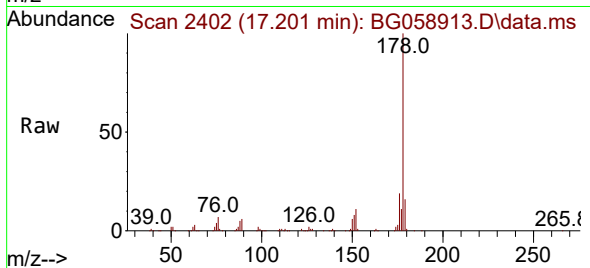
OR-345-COMP-01MS

Tgt Ion:178 Resp: 286339
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 16.0 13.0 19.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023



#72

Anthracene

Concen: 43.829 ng

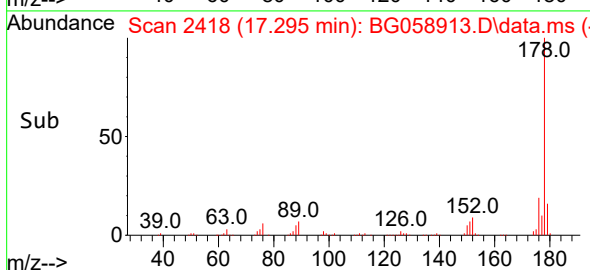
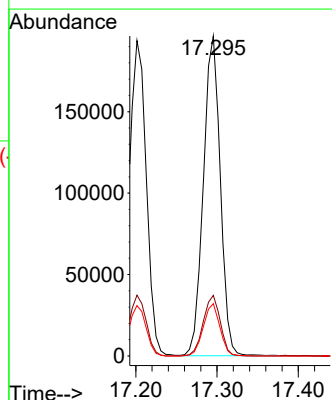
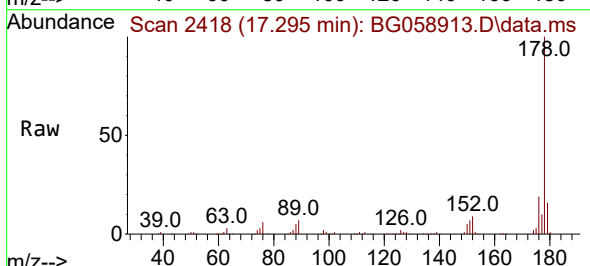
RT: 17.295 min Scan# 2418

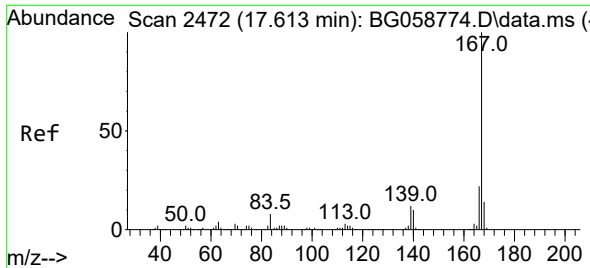
Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

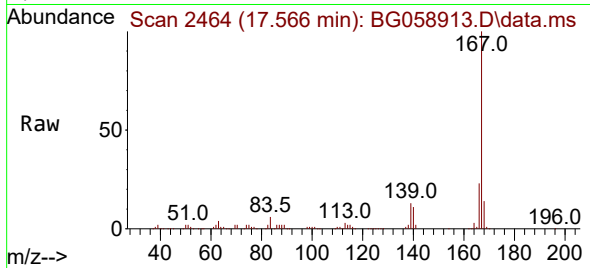
Tgt Ion:178 Resp: 284022
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.4 12.9 19.3





#73
 Carbazole
 Concen: 43.110 ng
 RT: 17.566 min Scan# 2472
 Delta R.T. -0.005 min
 Lab File: BG058913.D
 Acq: 31 Aug 2023 2:57

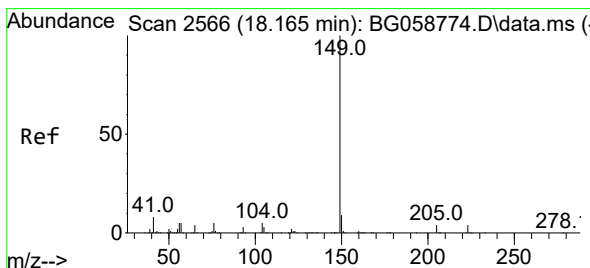
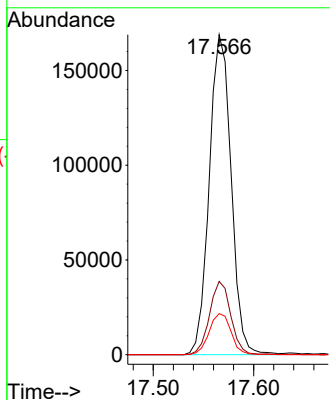
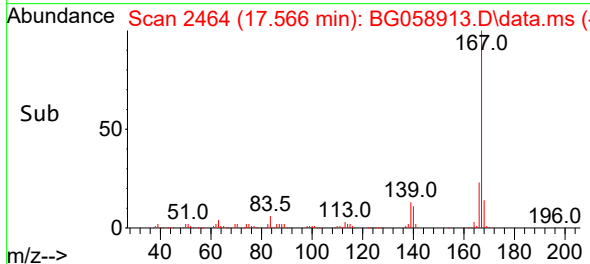
Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01MS



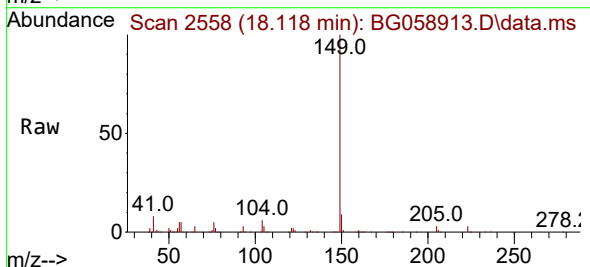
Tgt Ion:167 Resp: 255820
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.2
 139 12.9 9.7 14.5

Manual Integrations
 APPROVED

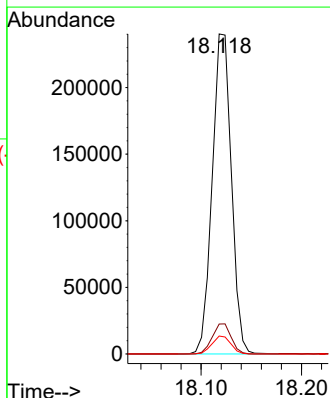
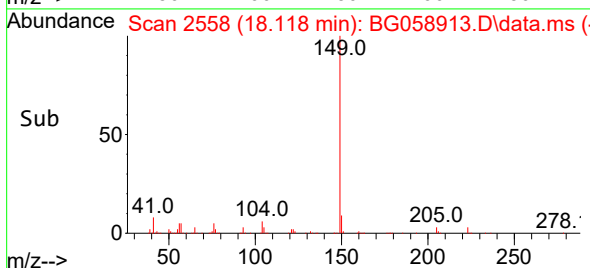
Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023

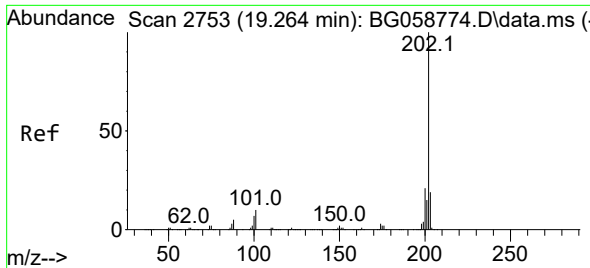


#74
 Di-n-butylphthalate
 Concen: 42.520 ng
 RT: 18.118 min Scan# 2558
 Delta R.T. -0.005 min
 Lab File: BG058913.D
 Acq: 31 Aug 2023 2:57



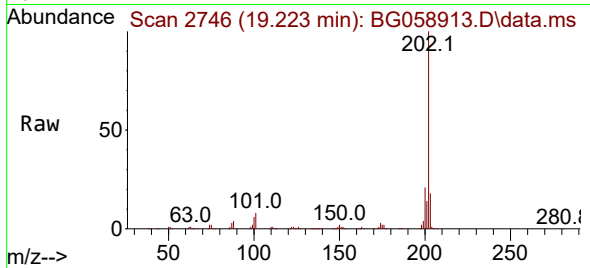
Tgt Ion:149 Resp: 318305
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 42.138 ng
RT: 19.223 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

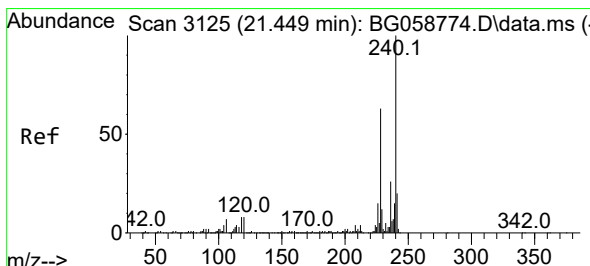
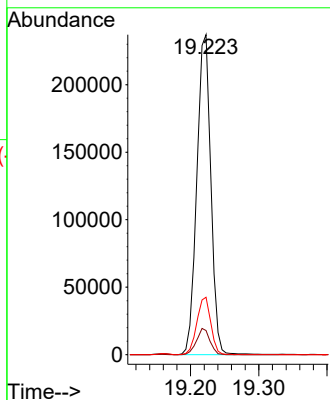
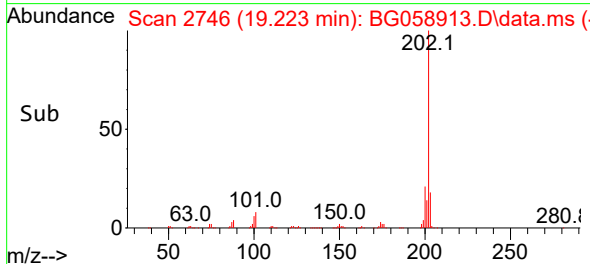
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:202 Resp: 33763
Ion Ratio Lower Upper
202 100
101 7.5 0.0 29.7
203 18.0 0.0 38.7

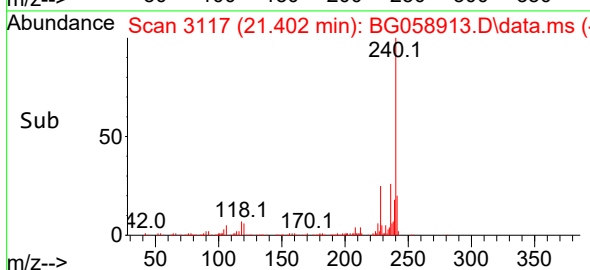
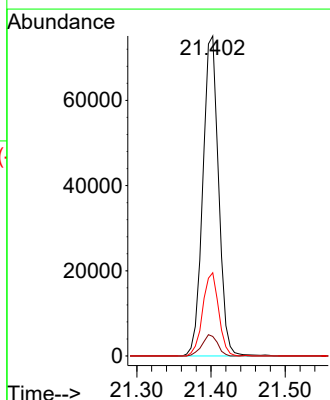
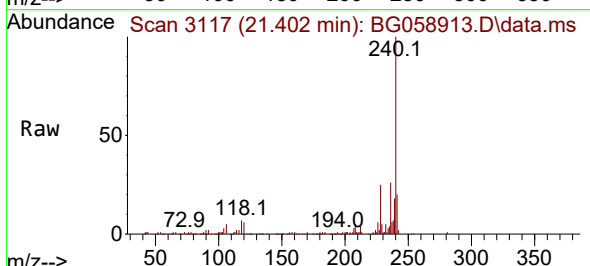
Manual Integrations
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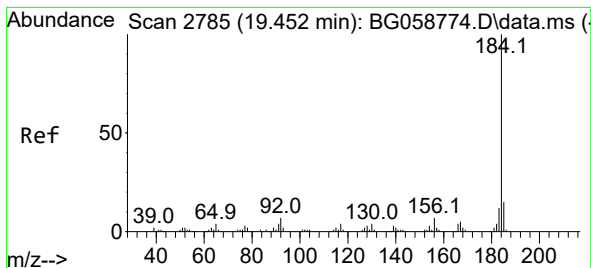
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.402 min Scan# 3117
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Tgt Ion:240 Resp: 110984
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.2#
236 26.0 20.5 30.7





#77

Benzidine

Concen: 9.403 ng m

RT: 19.428 min Scan# 21

Delta R.T. 0.018 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

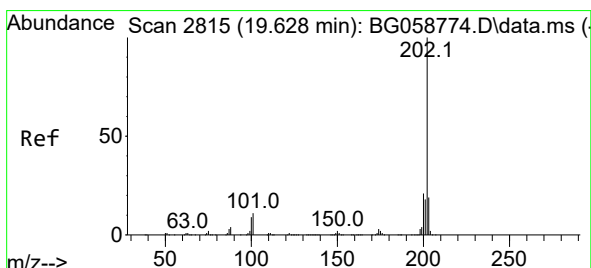
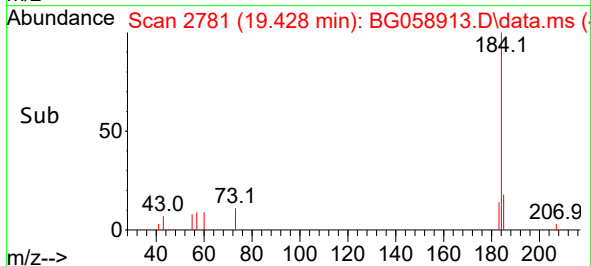
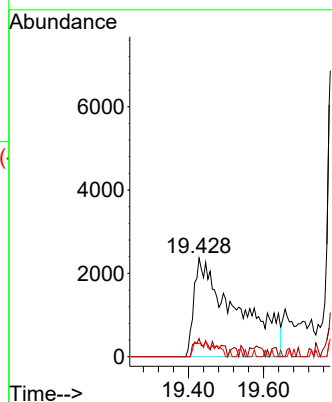
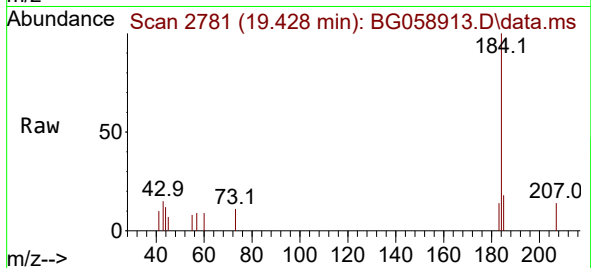
ClientSampleId :

OR-345-COMP-01MS

Tgt Ion:184 Resp: 18702
 Ion Ratio Lower Upper
 184 100
 185 18.3 11.9 17.9
 183 13.7 10.0 15.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023



#78

Pyrene

Concen: 44.887 ng

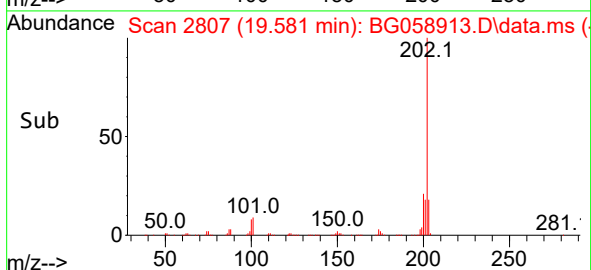
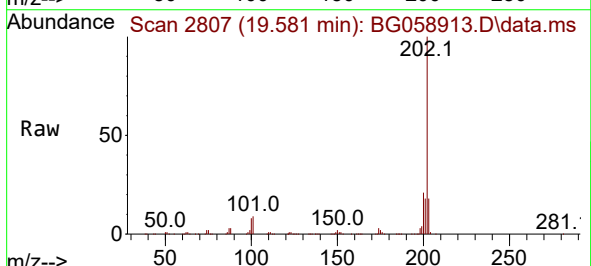
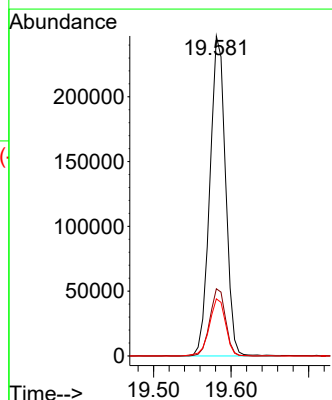
RT: 19.581 min Scan# 2807

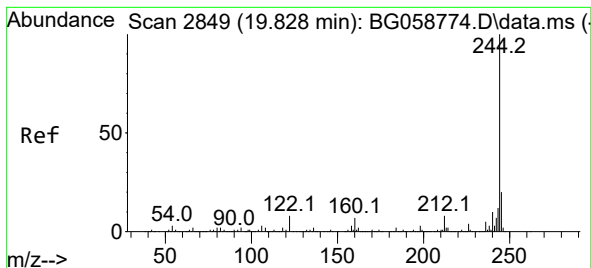
Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Tgt Ion:202 Resp: 347113
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 17.8 15.3 22.9





#79

Terphenyl-d14

Concen: 98.942 ng

RT: 19.787 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058913.D

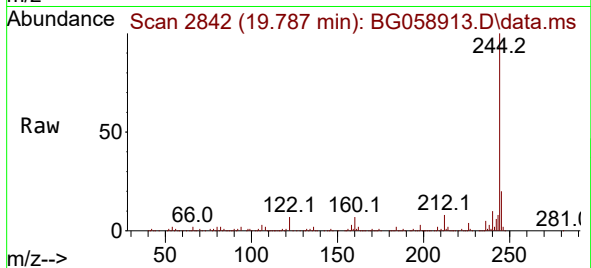
Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS



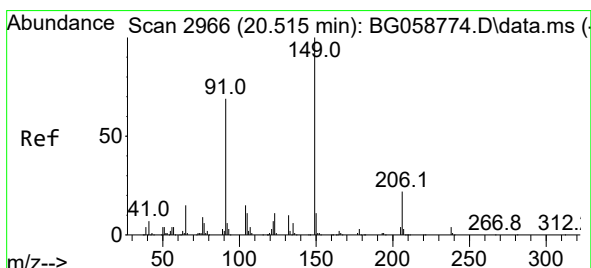
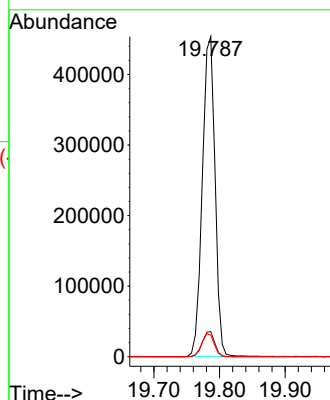
Tgt Ion:	244	Resp:	61155
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	6.8	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#80

Butylbenzylphthalate

Concen: 45.559 ng

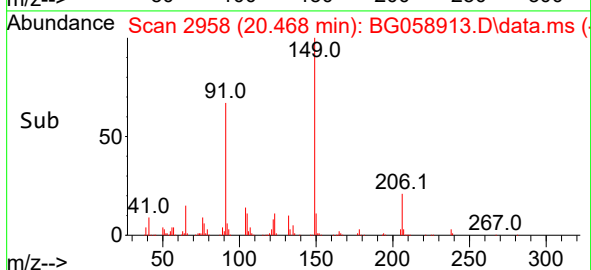
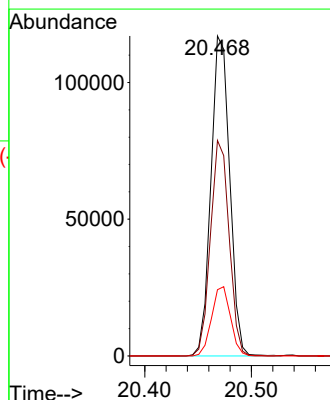
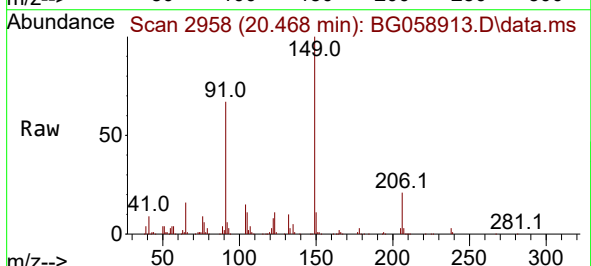
RT: 20.468 min Scan# 2958

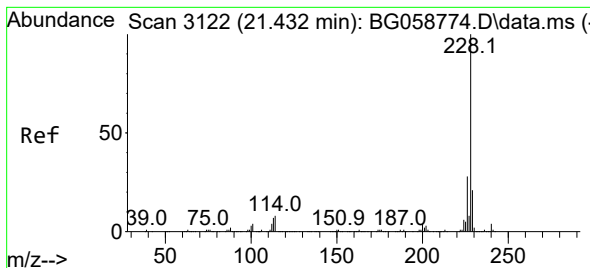
Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Tgt Ion:	149	Resp:	142884
Ion Ratio	Lower	Upper	
149	100		
91	67.3	55.0	82.4
206	20.7	17.6	26.4





#81

Benzo(a)anthracene

Concen: 44.263 ng

RT: 21.379 min Scan# 3113

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS

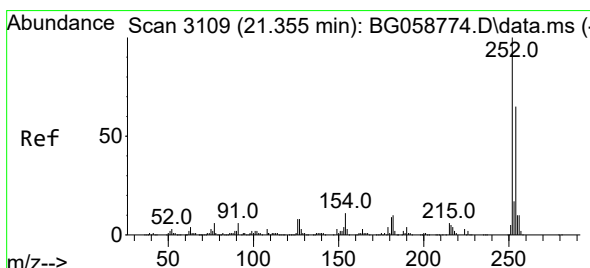
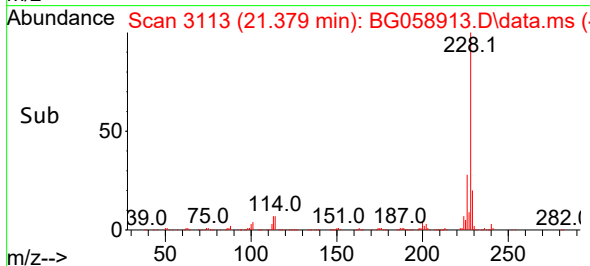
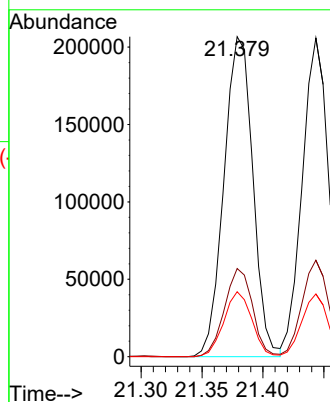
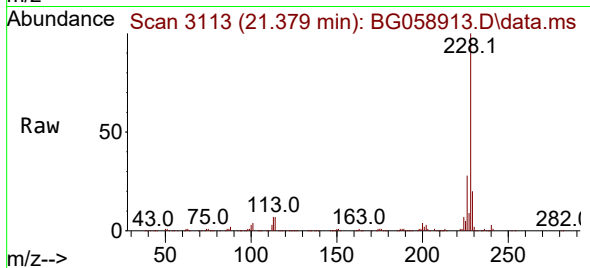
Tgt Ion:228 Resp: 341958
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.6 33.8
 229 20.3 16.8 25.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 15.220 ng

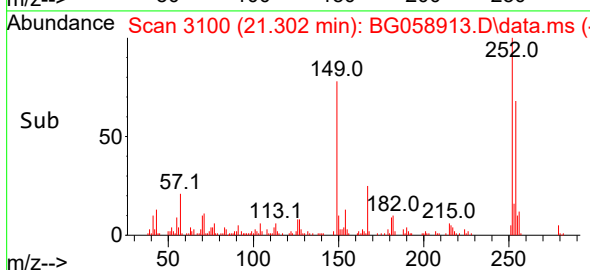
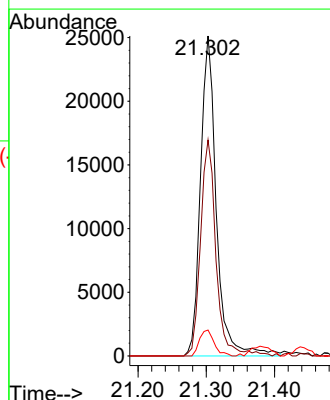
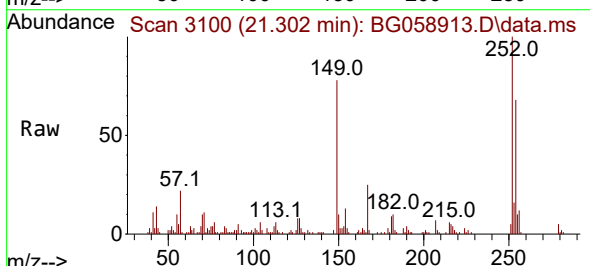
RT: 21.302 min Scan# 3100

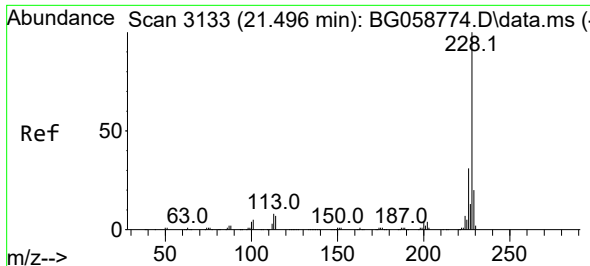
Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

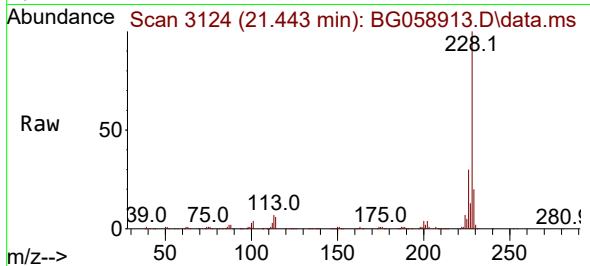
Tgt Ion:252 Resp: 40595
 Ion Ratio Lower Upper
 252 100
 254 67.5 51.8 77.6
 126 8.1 6.6 9.8





#83
Chrysene
Concen: 41.807 ng
RT: 21.443 min Scan# 31131
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

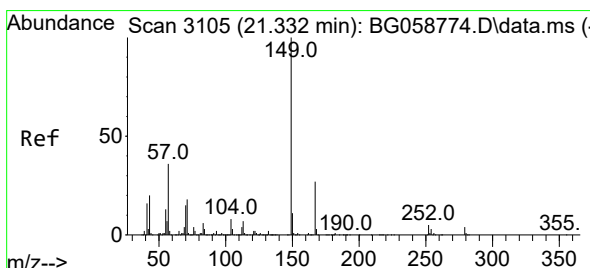
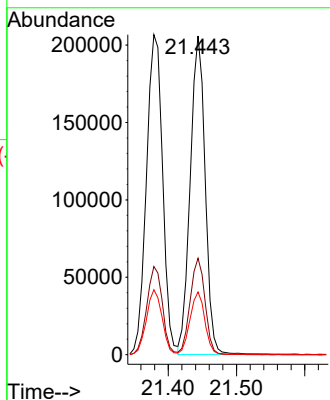
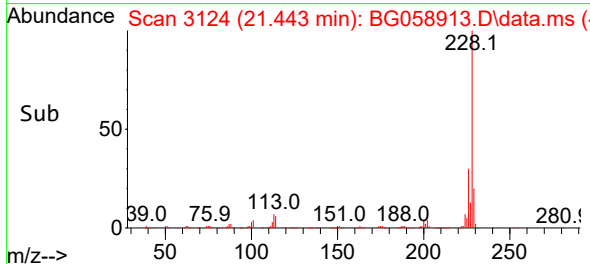
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:228 Resp: 31131
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.7 16.3 24.5

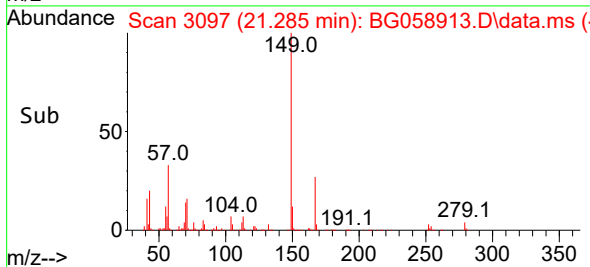
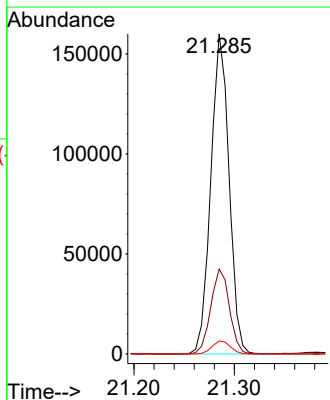
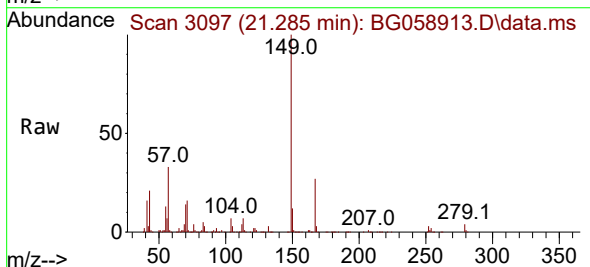
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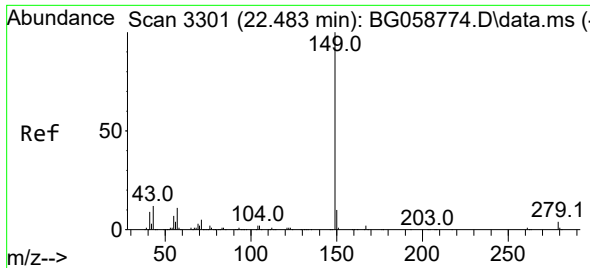
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.858 ng
RT: 21.285 min Scan# 3097
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

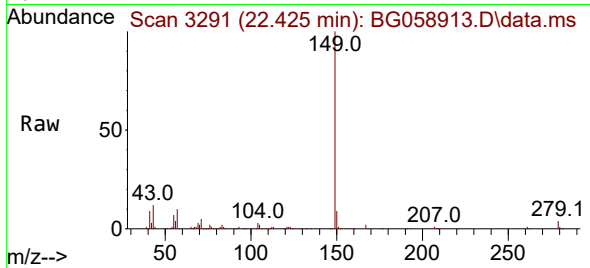
Tgt Ion:149 Resp: 201741
Ion Ratio Lower Upper
149 100
167 26.6 21.7 32.5
279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 44.532 ng
RT: 22.425 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

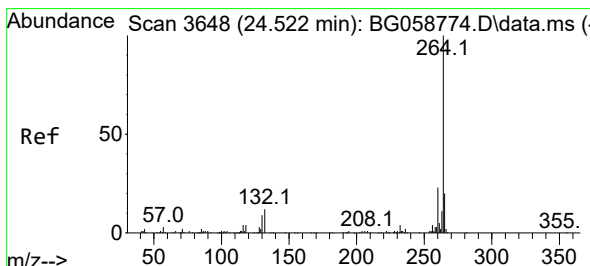
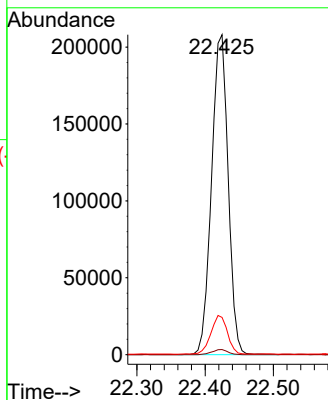
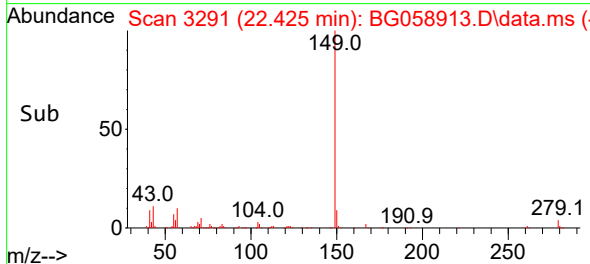
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



Tgt Ion:149 Resp: 352320
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 9.7 14.5

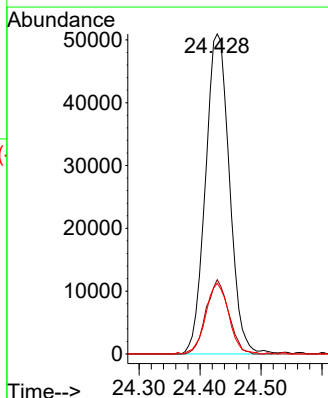
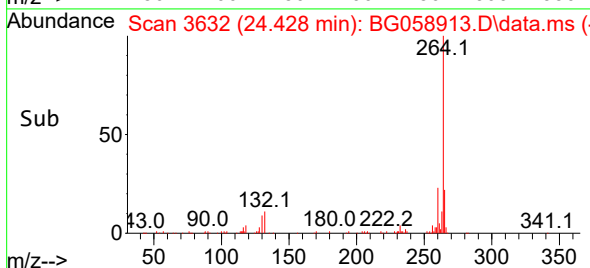
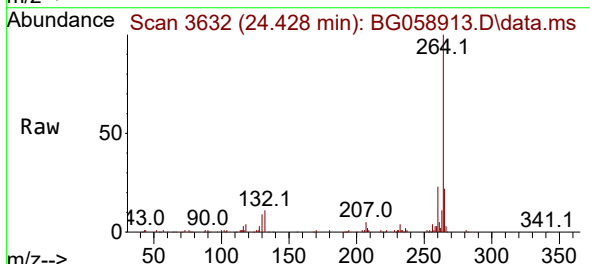
Manual Integrations
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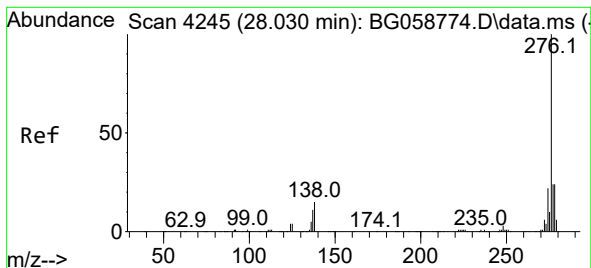
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 3632
Delta R.T. -0.011 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

Tgt Ion:264 Resp: 139328
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.2
265 22.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.829 ng

RT: 27.889 min Scan# 41

Delta R.T. -0.029 min

Lab File: BG058913.D

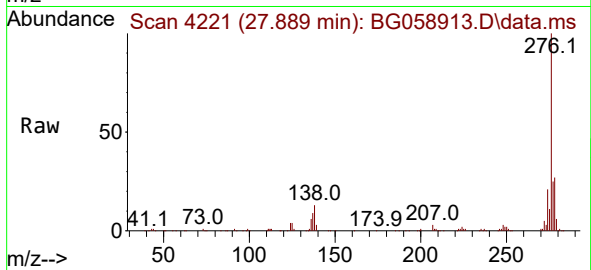
Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS



Tgt Ion:276 Resp: 403730

Ion Ratio Lower Upper

276 100

138 15.1 6.2 9.2

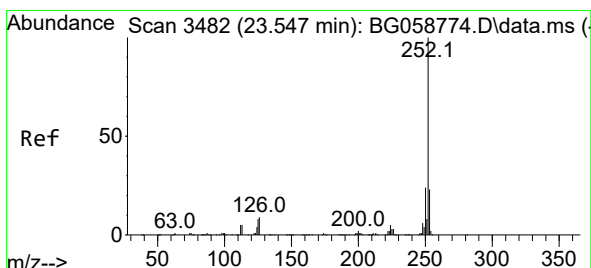
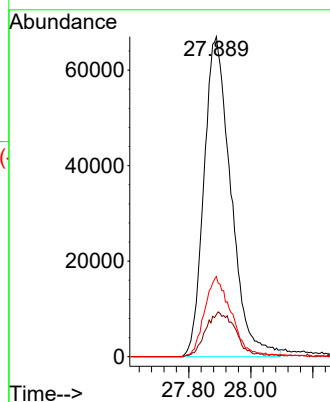
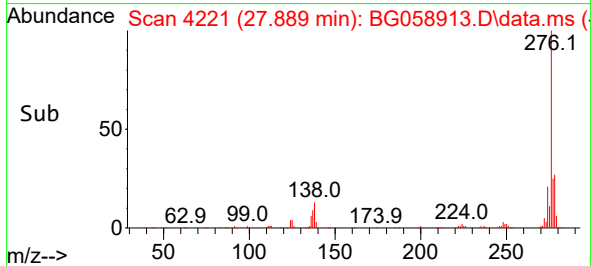
277 24.9 20.4 30.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#88

Benzo(b)fluoranthene

Concen: 45.564 ng m

RT: 23.471 min Scan# 3469

Delta R.T. -0.011 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

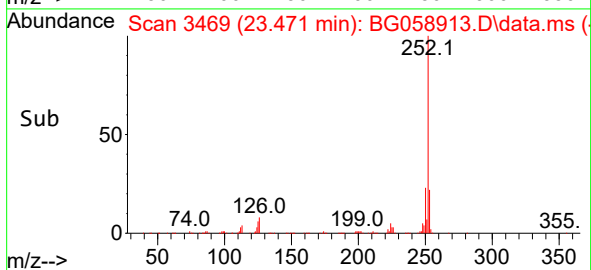
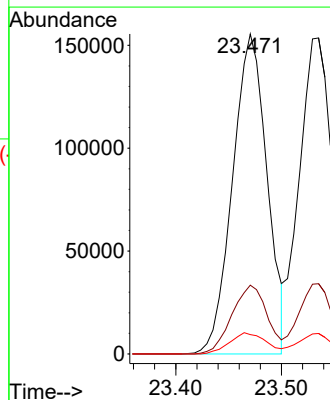
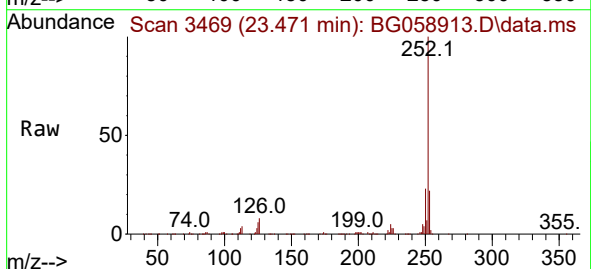
Tgt Ion:252 Resp: 352235

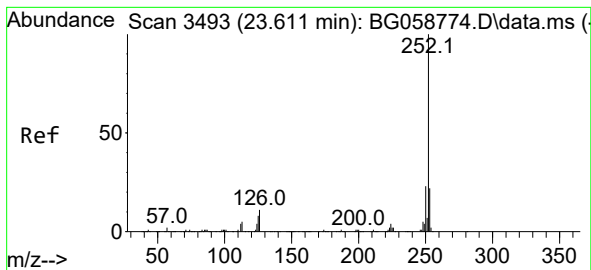
Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

125 6.0 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 42.886 ng

RT: 23.535 min Scan# 34

Delta R.T. -0.011 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MS

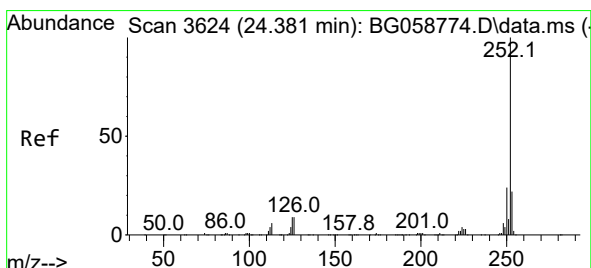
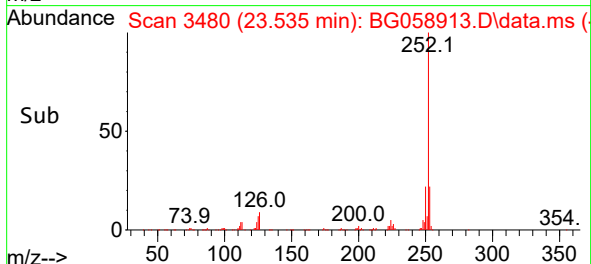
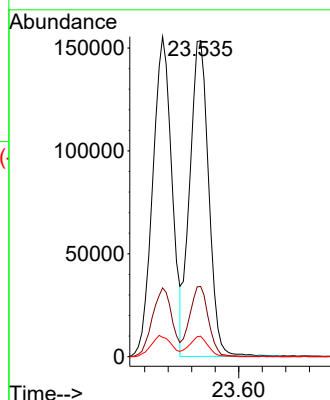
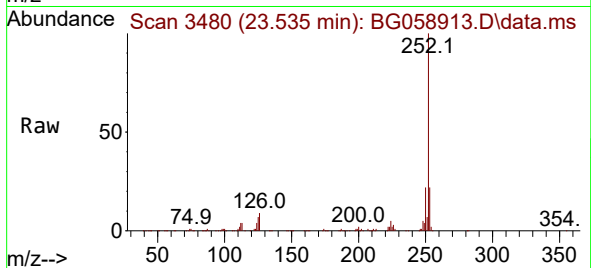
Tgt Ion:252 Resp: 34191
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 6.5 6.3 9.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#90

Benzo(a)pyrene

Concen: 41.039 ng

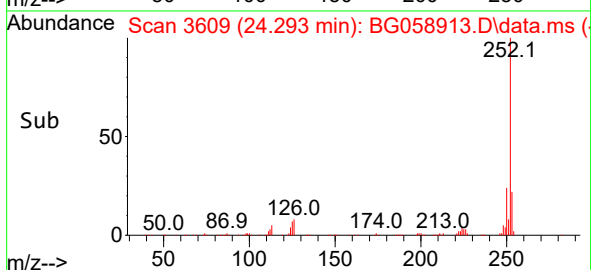
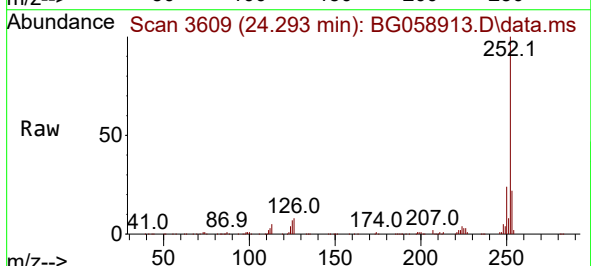
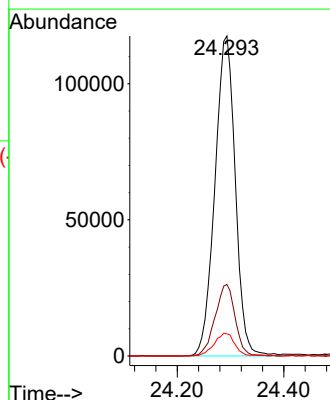
RT: 24.293 min Scan# 3609

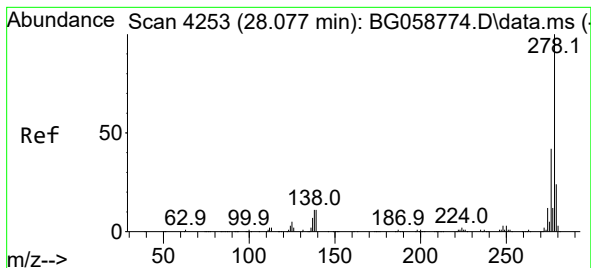
Delta R.T. -0.011 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

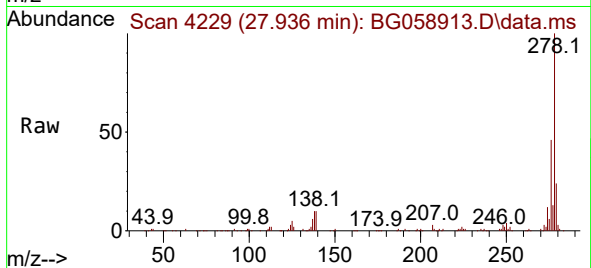
Tgt Ion:252 Resp: 312390
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 6.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 43.460 ng
RT: 27.936 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57

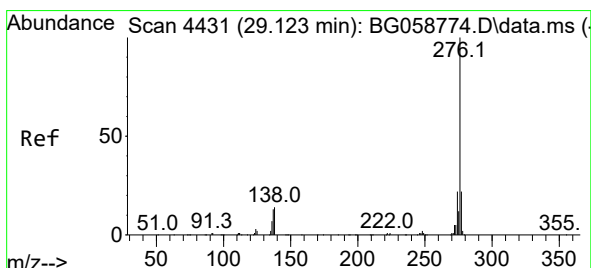
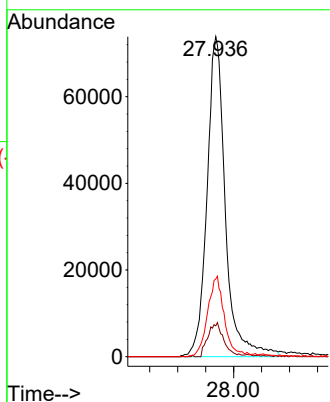
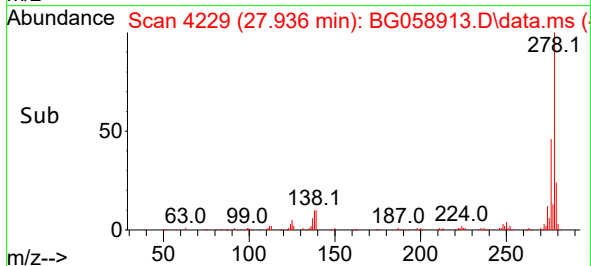
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MS



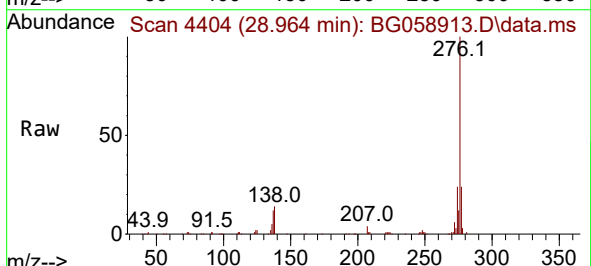
Tgt Ion:278 Resp: 33663
Ion Ratio Lower Upper
278 100
139 9.7 8.9 13.3
279 24.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#92
Benzo(g,h,i)perylene
Concen: 41.556 ng
RT: 28.964 min Scan# 4404
Delta R.T. -0.023 min
Lab File: BG058913.D
Acq: 31 Aug 2023 2:57



Tgt Ion:276 Resp: 321826
Ion Ratio Lower Upper
276 100
277 24.0 17.8 26.6
138 13.7 11.1 16.7

