

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058914.D
 Acq On : 31 Aug 2023 3:38
 Operator : MA/JU
 Sample : 04196-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 31 04:23:10 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	7.756	152	15087	20.000	ng	0.00
21) Naphthalene-d8	10.559	136	66368	20.000	ng	# 0.00
39) Acenaphthene-d10	14.413	164	53667	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	131612	20.000	ng	0.00
76) Chrysene-d12	21.399	240	106983	20.000	ng	0.00
86) Perylene-d12	24.431	264	133279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.329	112	138331	147.551	ng	0.00
7) Phenol-d6	6.939	99	185247	140.835	ng	0.00
23) Nitrobenzene-d5	8.925	82	129231	93.616	ng	0.00
42) 2,4,6-Tribromophenol	15.911	330	136717	162.470	ng	0.00
45) 2-Fluorobiphenyl	13.032	172	325577	88.236	ng	0.00
79) Terphenyl-d14	19.783	244	603418	101.277	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	13970	31.695	ng	# 31
3) Pyridine	3.614	79	33397	28.673	ng	92
4) n-Nitrosodimethylamine	3.520	42	28418	44.878	ng	87
6) Aniline	7.086	93	27380	17.028	ng	92
8) 2-Chlorophenol	7.321	128	47615	50.231	ng	99
9) Benzaldehyde	6.898	77	10524m	14.264	ng	
10) Phenol	6.963	94	58997	46.515	ng	98
11) bis(2-Chloroethyl)ether	7.180	93	42898	43.345	ng	96
12) 1,3-Dichlorobenzene	7.644	146	46220	45.904	ng	95
13) 1,4-Dichlorobenzene	7.791	146	47552	46.703	ng	98
14) 1,2-Dichlorobenzene	8.108	146	46243	46.990	ng	97
15) Benzyl Alcohol	8.003	79	49347	52.472	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.291	45	98819	46.852	ng	98
17) 2-Methylphenol	8.208	107	43745	46.958	ng	97
18) Hexachloroethane	8.831	117	17495	47.159	ng	94
19) n-Nitroso-di-n-propyla...	8.567	70	38616	45.417	ng	95
20) 3+4-Methylphenols	8.537	107	60393	48.220	ng	98
22) Acetophenone	8.584	105	78047	43.443	ng	# 98
24) Nitrobenzene	8.966	77	57620	41.967	ng	99
25) Isophorone	9.483	82	117372	42.755	ng	99
26) 2-Nitrophenol	9.671	139	27453	47.809	ng	# 95
27) 2,4-Dimethylphenol	9.736	122	48393	49.727	ng	97
28) bis(2-Chloroethoxy)met...	9.971	93	62729	43.139	ng	98
29) 2,4-Dichlorophenol	10.212	162	54774	54.773	ng	98
30) 1,2,4-Trichlorobenzene	10.423	180	53671	44.445	ng	98
31) Naphthalene	10.606	128	150797	43.274	ng	99
32) Benzoic acid	9.906	122	23855	40.953	ng	96
33) 4-Chloroaniline	10.729	127	5790	3.940	ng	94
34) Hexachlorobutadiene	10.888	225	36311	44.553	ng	95
35) Caprolactam	11.510	113	15322m	42.758	ng	
36) 4-Chloro-3-methylphenol	11.863	107	68305	54.925	ng	97
37) 2-Methylnaphthalene	12.227	142	112143	44.806	ng	95
38) 1-Methylnaphthalene	12.445	142	108487	45.663	ng	98
40) 1,2,4,5-Tetrachloroben...	12.597	216	67641	40.883	ng	99
41) Hexachlorocyclopentadiene	12.574	237	54363	83.137	ng	98
43) 2,4,6-Trichlorophenol	12.844	196	52688	50.048	ng	95

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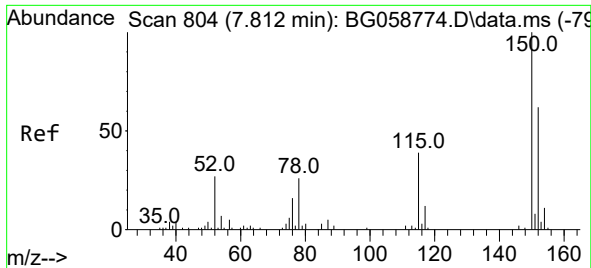
Quant Time: Aug 31 04:23:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
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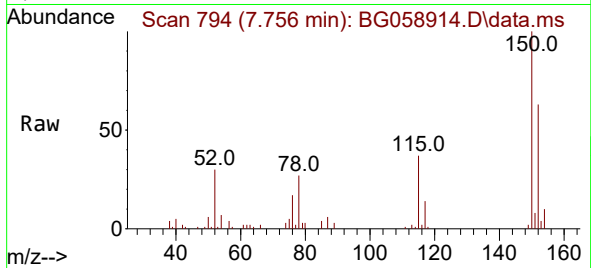
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.926	196	60522	48.008	ng	96
46) 1,1'-Biphenyl	13.244	154	155882	42.164	ng	96
47) 2-Chloronaphthalene	13.285	162	126515	43.912	ng	97
48) 2-Nitroaniline	13.496	65	48655	44.466	ng	97
49) Acenaphthylene	14.137	152	211970	44.365	ng	97
50) Dimethylphthalate	13.872	163	183902	44.257	ng	100
51) 2,6-Dinitrotoluene	14.002	165	40109	45.945	ng	97
52) Acenaphthene	14.477	154	122749	43.964	ng	97
53) 3-Nitroaniline	14.331	138	8765	10.410	ng	# 89
54) 2,4-Dinitrophenol	14.548	184	31529	65.944	ng	# 89
55) Dibenzofuran	14.812	168	213593	44.349	ng	99
56) 4-Nitrophenol	14.654	139	50808	83.223	ng	88
57) 2,4-Dinitrotoluene	14.795	165	57754	47.432	ng	98
58) Fluorene	15.465	166	173481	45.261	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.047	232	54176	52.663	ng	98
60) Diethylphthalate	15.235	149	189559	44.245	ng	99
61) 4-Chlorophenyl-phenyle...	15.453	204	96107	45.238	ng	95
62) 4-Nitroaniline	15.494	138	35437	41.473	ng	87
63) Azobenzene	15.747	77	165982	42.192	ng	98
65) 4,6-Dinitro-2-methylph...	15.559	198	30874	41.501	ng	95
66) n-Nitrosodiphenylamine	15.676	169	149154	43.971	ng	98
67) 4-Bromophenyl-phenylether	16.346	248	66958	46.362	ng	96
68) Hexachlorobenzene	16.469	284	76884	49.463	ng	97
69) Atrazine	16.622	200	42354	35.281	ng	93
70) Pentachlorophenol	16.816	266	71571	87.810	ng	99
71) Phenanthrene	17.204	178	277399	43.904	ng	99
72) Anthracene	17.292	178	278027	43.874	ng	99
73) Carbazole	17.568	167	250307	43.134	ng	99
74) Di-n-butylphthalate	18.120	149	313966	42.889	ng	100
75) Fluoranthene	19.219	202	331677	42.331	ng	96
77) Benzidine	19.431	184	10157m	5.297	ng	
78) Pyrene	19.583	202	337707	45.304	ng	99
80) Butylbenzylphthalate	20.470	149	140137	46.354	ng	98
81) Benzo(a)anthracene	21.381	228	331798	44.554	ng	97
82) 3,3'-Dichlorobenzidine	21.305	252	22806	8.870	ng	# 98
83) Chrysene	21.446	228	306406	42.687	ng	98
84) Bis(2-ethylhexyl)phtha...	21.287	149	197273	44.491	ng	99
85) Di-n-octyl phthalate	22.421	149	343530	45.044	ng	100
87) Indeno(1,2,3-cd)pyrene	27.885	276	385855	42.791	ng	99
88) Benzo(b)fluoranthene	23.467	252	349031	47.198	ng	97
89) Benzo(k)fluoranthene	23.532	252	325341	42.659	ng	98
90) Benzo(a)pyrene	24.290	252	303288	41.652	ng	98
91) Dibenzo(a,h)anthracene	27.932	278	316870	42.765	ng	98
92) Benzo(g,h,i)perylene	28.961	276	313629	42.335	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.756 min Scan# 71
Delta R.T. -0.003 min
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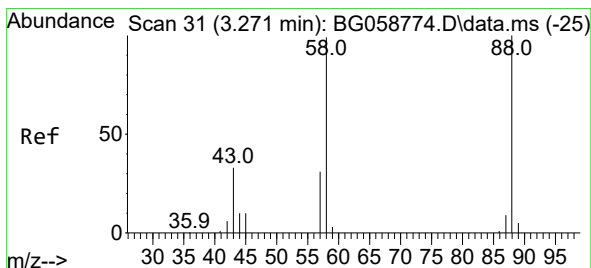
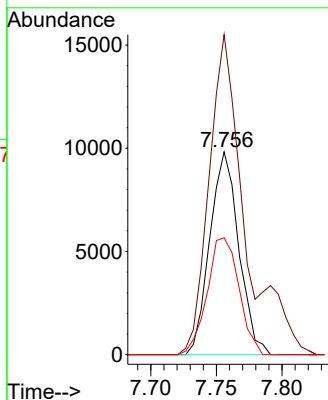
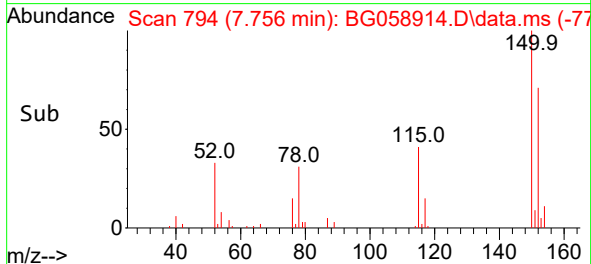
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:152 Resp: 1508
Ion Ratio Lower Upper
152 100
150 157.7 128.6 192.8
115 57.6 50.4 75.6

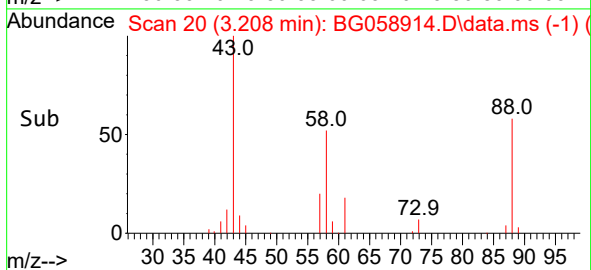
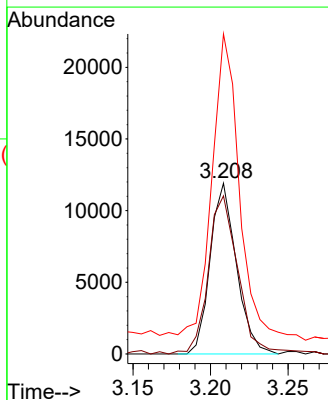
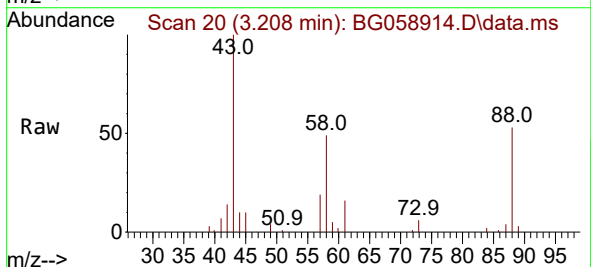
Manual Integrations
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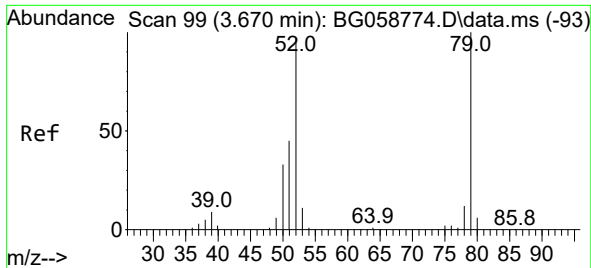
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#2
1,4-Dioxane
Concen: 31.695 ng
RT: 3.208 min Scan# 20
Delta R.T. 0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

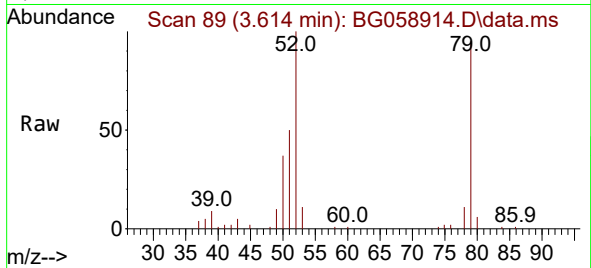
Tgt Ion: 88 Resp: 13970
Ion Ratio Lower Upper
88 100
58 105.8 82.8 124.2
43 189.1 30.1 45.1#





#3
Pyridine
Concen: 28.673 ng
RT: 3.614 min Scan# 89
Delta R.T. 0.015 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

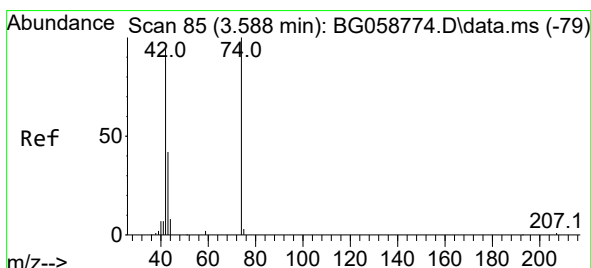
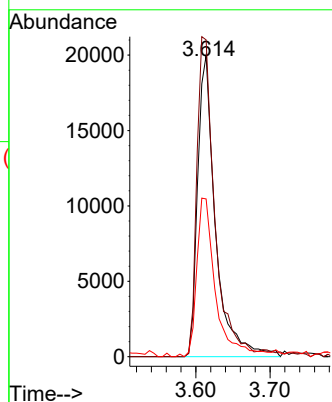
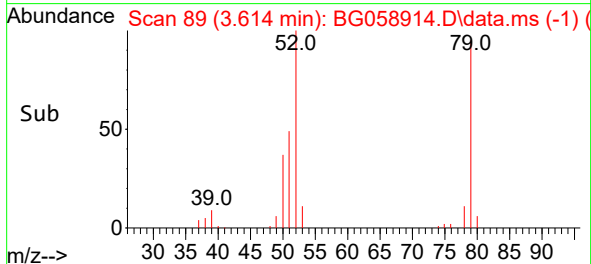
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



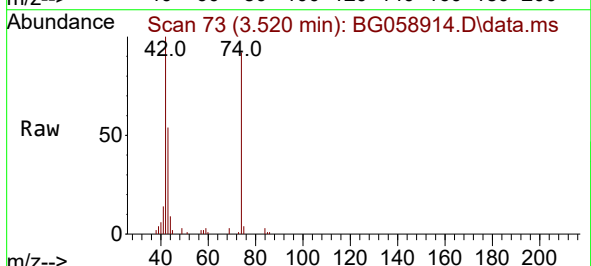
Tgt Ion: 79 Resp: 3339
Ion Ratio Lower Upper
79 100
52 105.2 77.6 116.4
51 52.4 37.5 56.3

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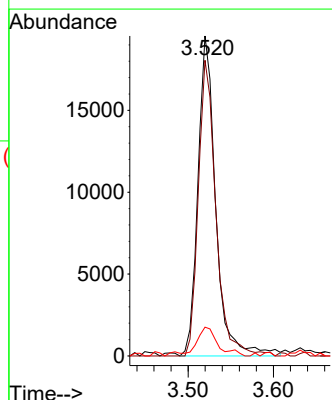
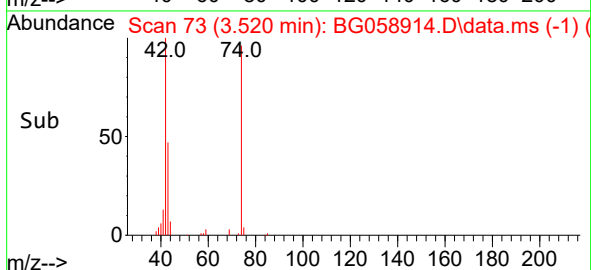
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

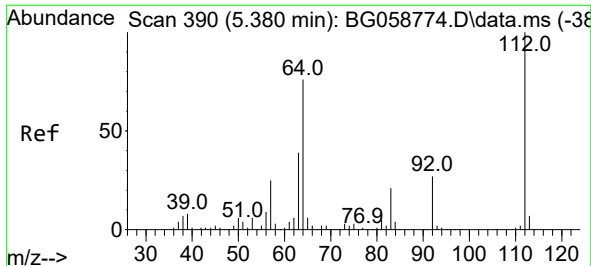


#4
n-Nitrosodimethylamine
Concen: 44.878 ng
RT: 3.520 min Scan# 73
Delta R.T. 0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



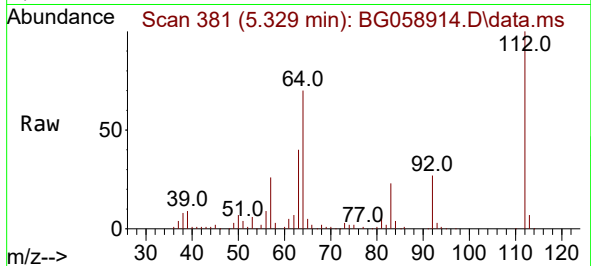
Tgt Ion: 42 Resp: 28418
Ion Ratio Lower Upper
42 100
74 92.4 85.1 127.7
44 9.0 6.9 10.3





#5
2-Fluorophenol
Concen: 147.551 ng
RT: 5.329 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

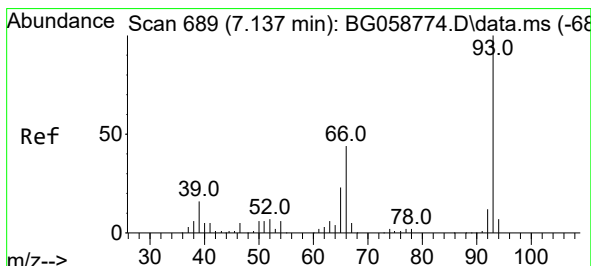
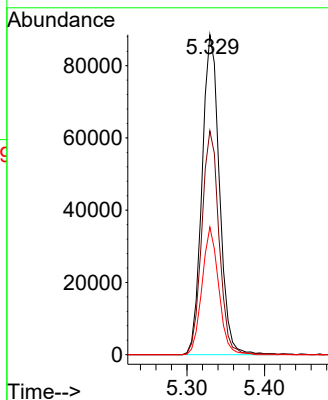
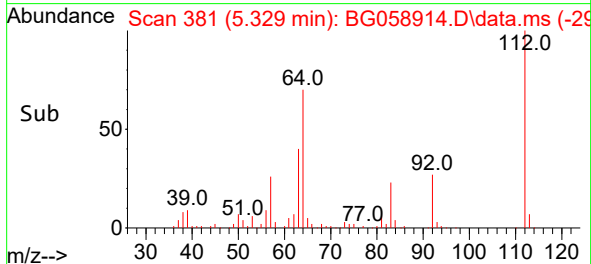
Instrument :
BNA_G
ClientSampleId :
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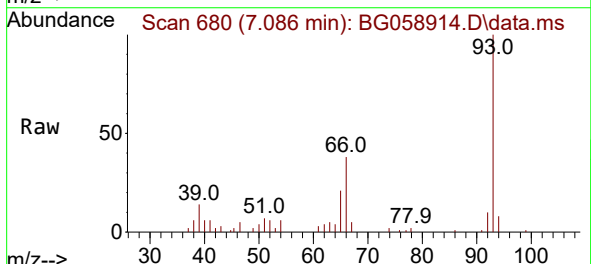
Tgt Ion: 112 Resp: 13833
Ion Ratio Lower Upper
112 100
64 69.9 60.6 90.8
63 39.9 31.0 46.4

Manual Integrations
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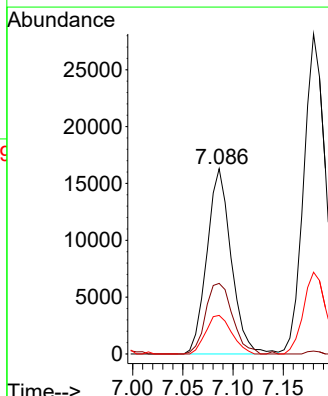
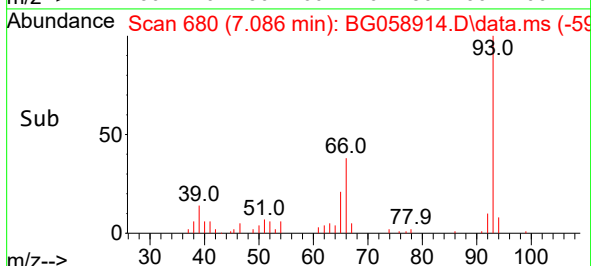
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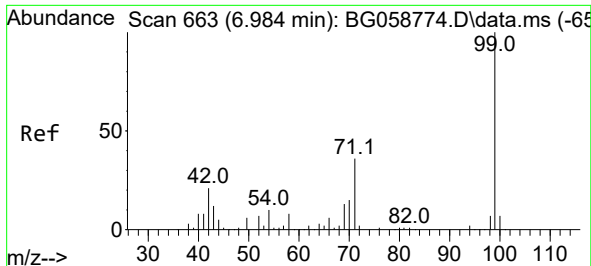


#6
Aniline
Concen: 17.028 ng
RT: 7.086 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



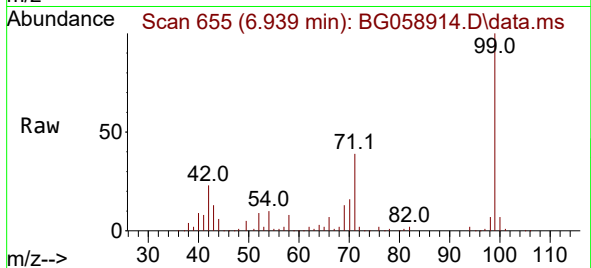
Tgt Ion: 93 Resp: 27380
Ion Ratio Lower Upper
93 100
66 38.0 35.7 53.5
65 20.8 18.2 27.2





#7
Phenol-d6
Concen: 140.835 ng
RT: 6.939 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

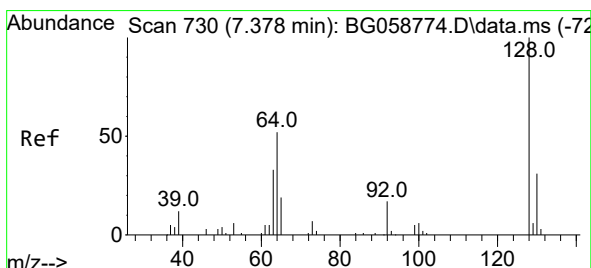
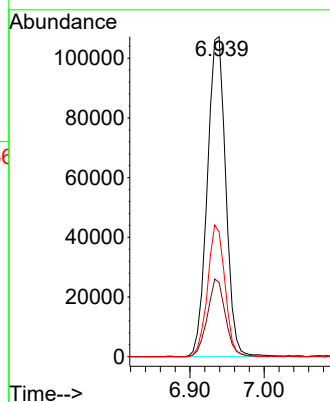
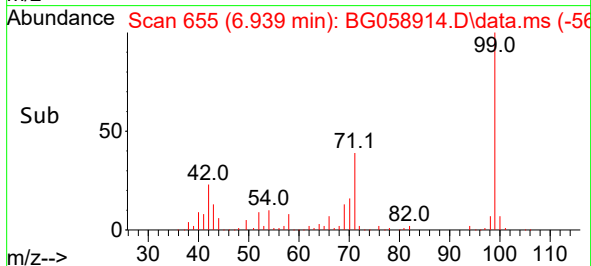
Instrument :
BNA_G
ClientSampleId :
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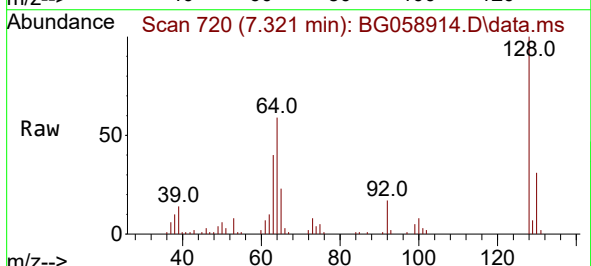
Tgt Ion: 99 Resp: 18524
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 38.9 28.4 42.6

Manual Integrations
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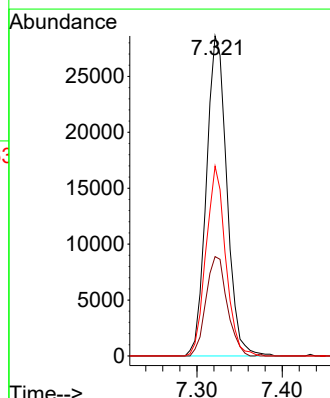
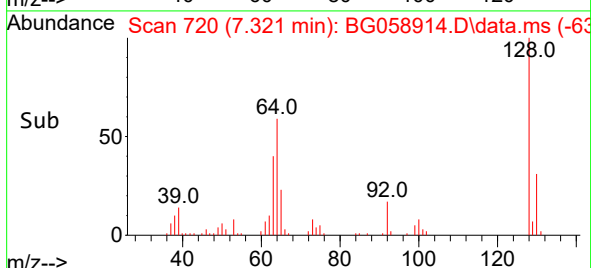
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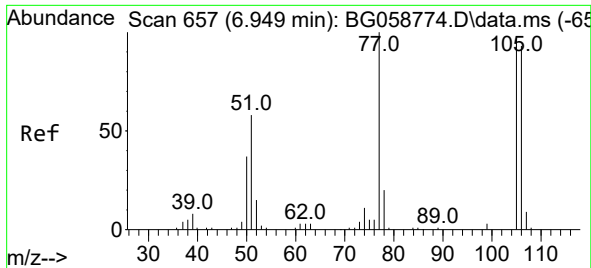


#8
2-Chlorophenol
Concen: 50.231 ng
RT: 7.321 min Scan# 720
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



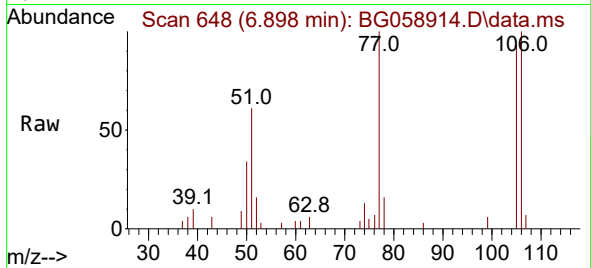
Tgt Ion:128 Resp: 47615
Ion Ratio Lower Upper
128 100
130 31.0 10.9 50.9
64 59.3 38.4 78.4





#9
Benzaldehyde
Concen: 14.264 ng m
RT: 6.898 min Scan# 64
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

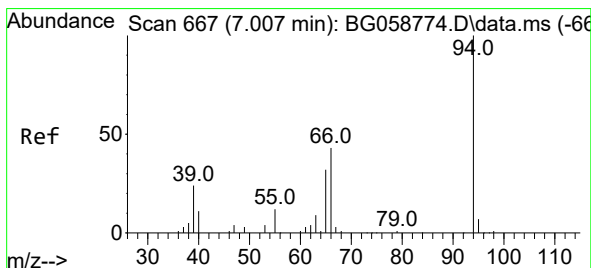
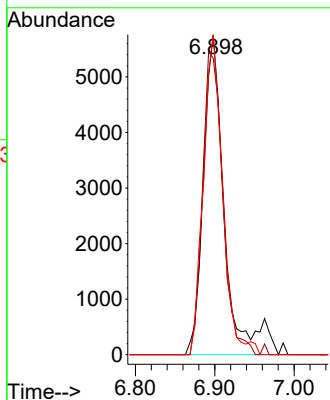
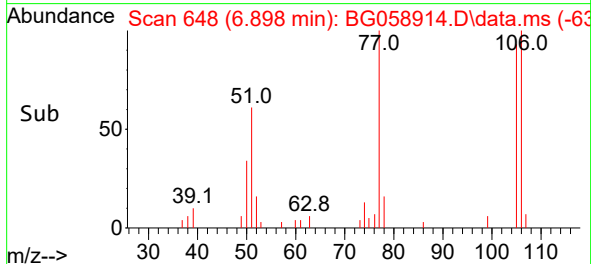
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion: 77 Resp: 10524
Ion Ratio Lower Upper
77 100
105 92.8 76.7 116.7
106 100.2 73.4 113.4

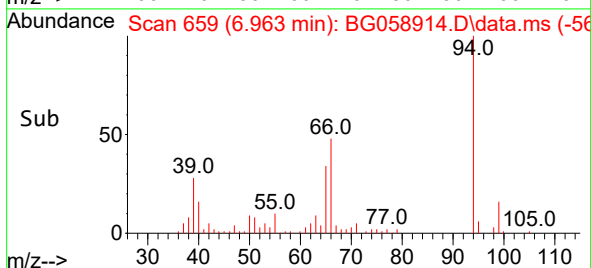
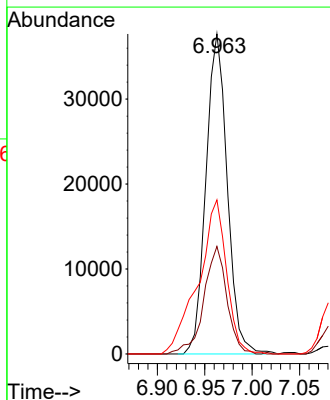
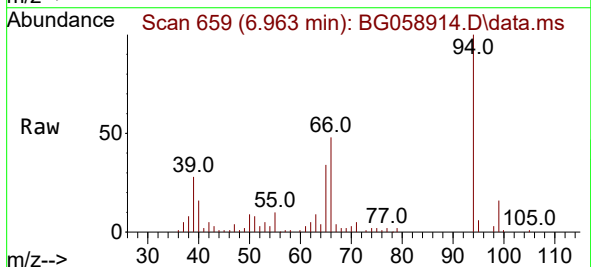
Manual Integrations
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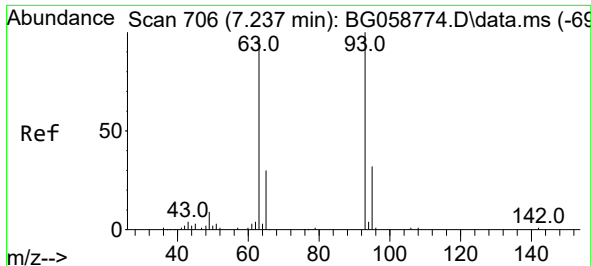
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#10
Phenol
Concen: 46.515 ng
RT: 6.963 min Scan# 659
Delta R.T. -0.003 min
Lab File: BG058914.D
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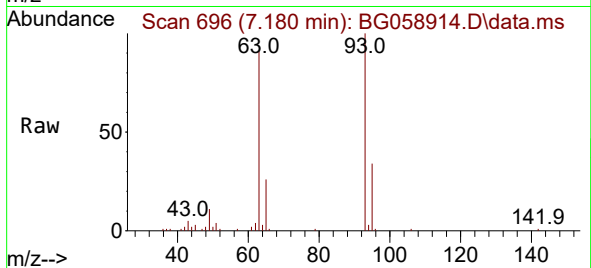
Tgt Ion: 94 Resp: 58997
Ion Ratio Lower Upper
94 100
65 33.6 12.6 52.6
66 48.2 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 43.345 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

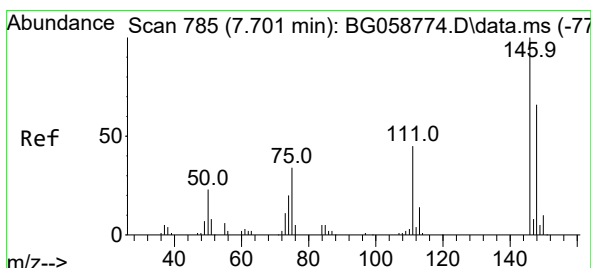
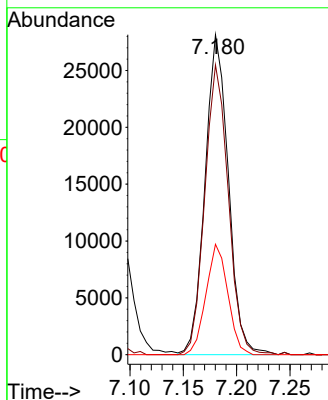
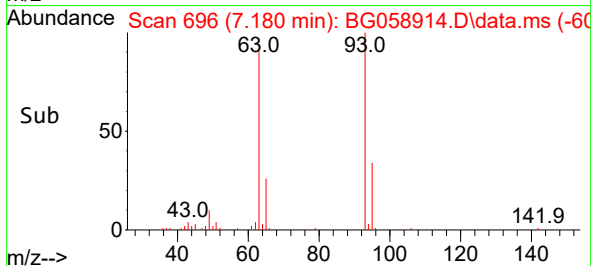
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



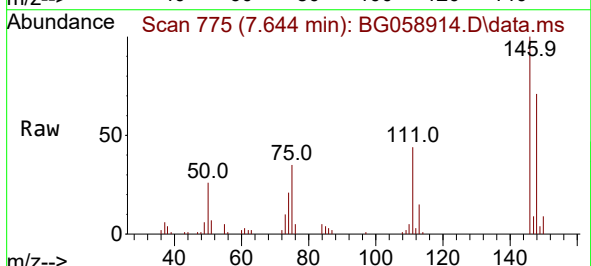
Tgt Ion: 93 Resp: 42898
Ion Ratio Lower Upper
93 100
63 90.5 74.8 114.8
95 34.5 12.1 52.1

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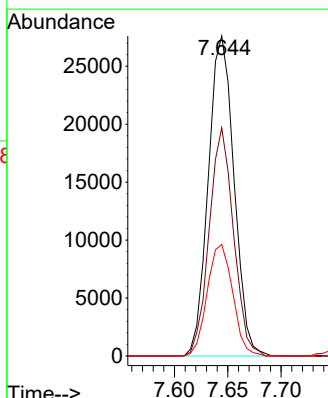
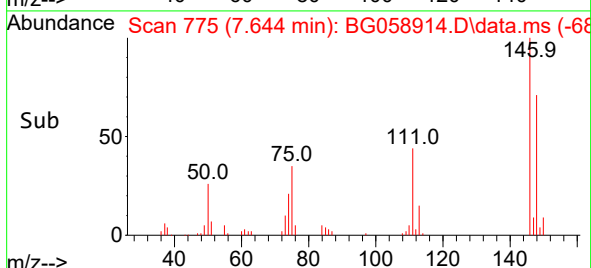
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

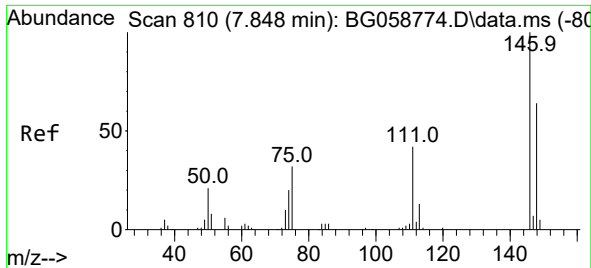


#12
1,3-Dichlorobenzene
Concen: 45.904 ng
RT: 7.644 min Scan# 775
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



Tgt Ion:146 Resp: 46220
Ion Ratio Lower Upper
146 100
148 71.3 52.4 78.6
75 34.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 46.703 ng

RT: 7.791 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD

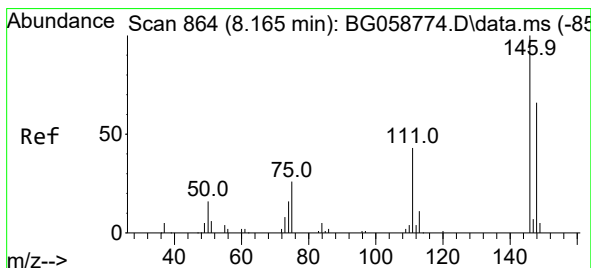
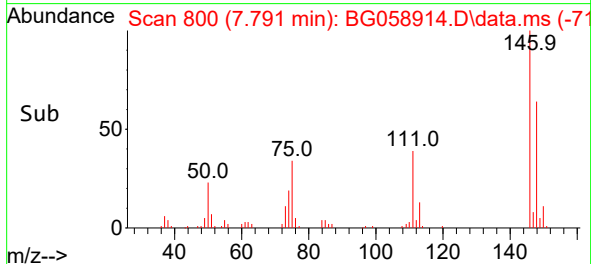
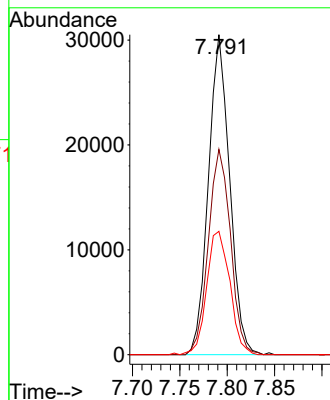
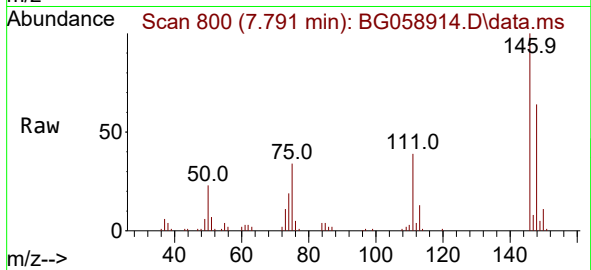
Tgt Ion:146 Resp: 47552
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 38.6 33.8 50.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#14

1,2-Dichlorobenzene

Concen: 46.990 ng

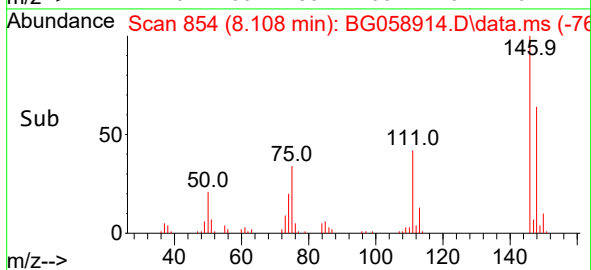
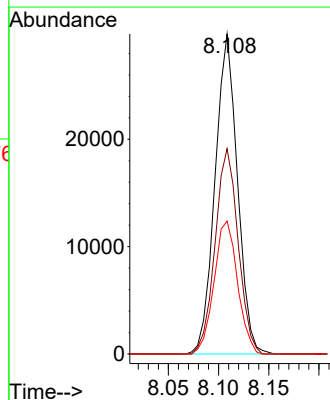
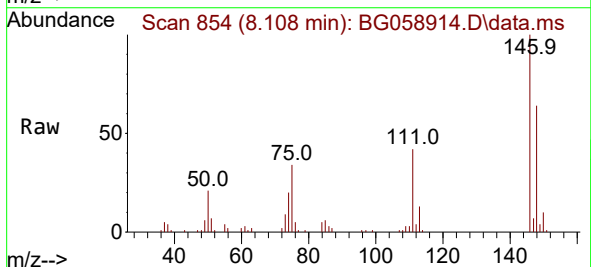
RT: 8.108 min Scan# 854

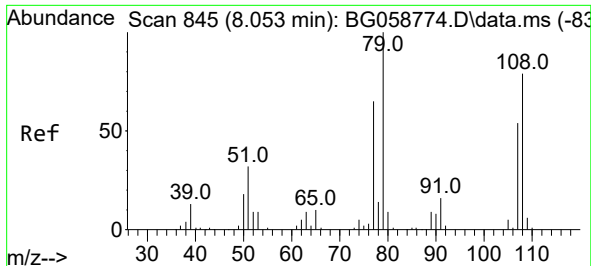
Delta R.T. -0.003 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

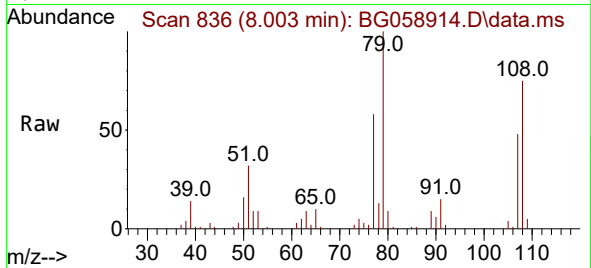
Tgt Ion:146 Resp: 46243
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.9 79.3
 111 41.5 35.5 53.3





#15
Benzyl Alcohol
Concen: 52.472 ng
RT: 8.003 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

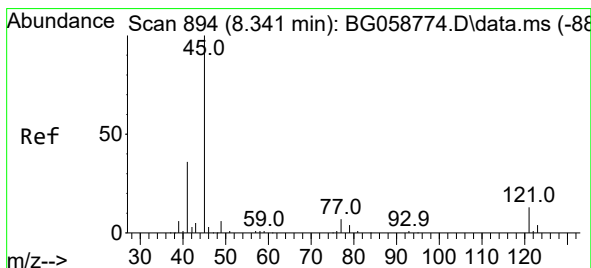
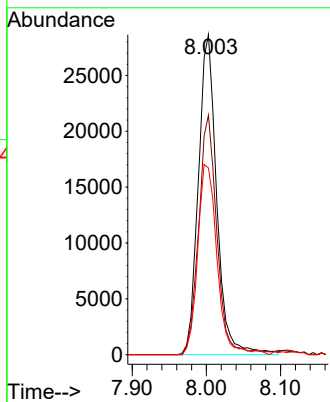
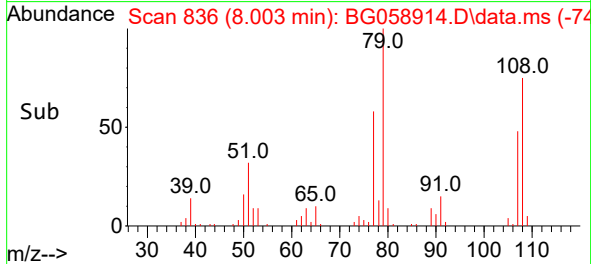
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



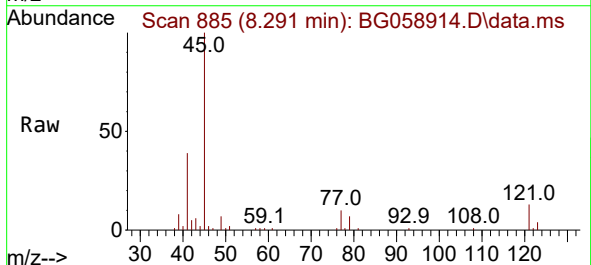
Tgt Ion: 79 Resp: 4934
Ion Ratio Lower Upper
79 100
108 74.9 63.4 95.0
77 58.3 52.2 78.2

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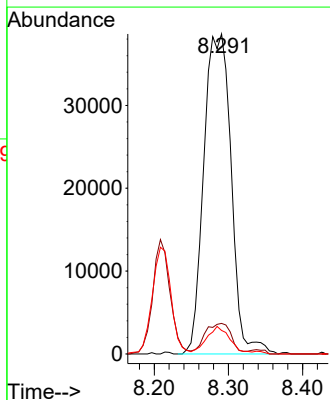
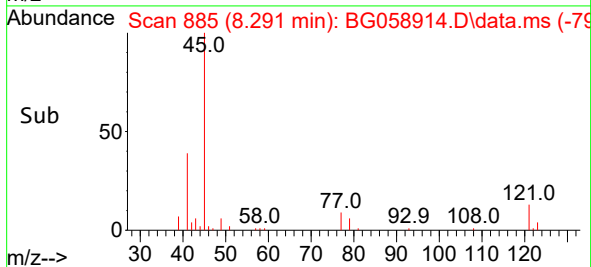
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

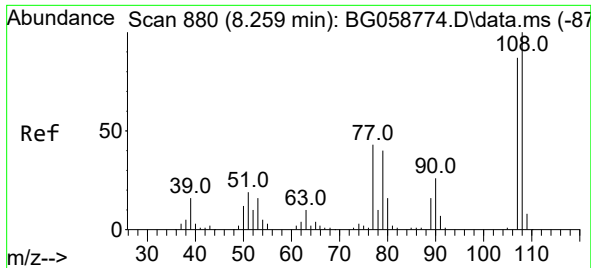


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.852 ng
RT: 8.291 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



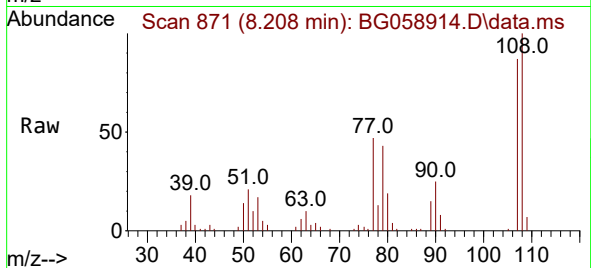
Tgt Ion: 45 Resp: 98819
Ion Ratio Lower Upper
45 100
77 9.5 0.0 30.3
79 7.4 0.0 27.7





#17
2-Methylphenol
Concen: 46.958 ng
RT: 8.208 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

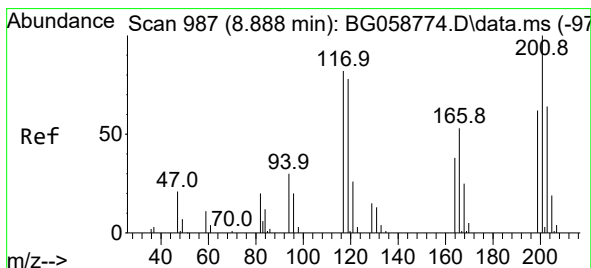
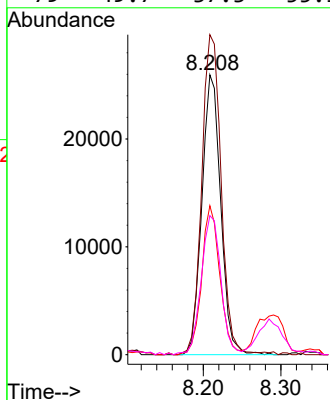
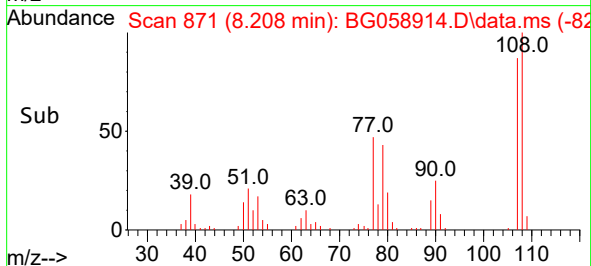
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:107 Resp: 43745
Ion Ratio Lower Upper
107 100
108 114.3 92.2 138.2
77 53.2 40.0 60.0
79 49.7 37.3 55.9

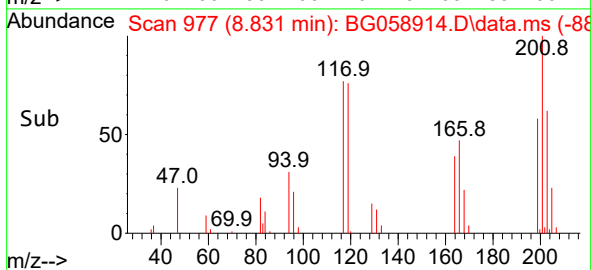
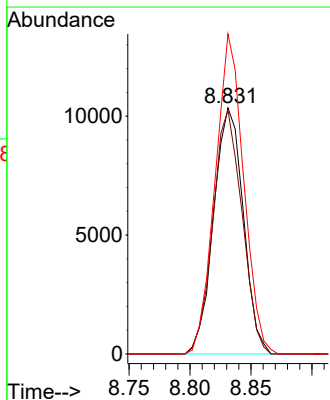
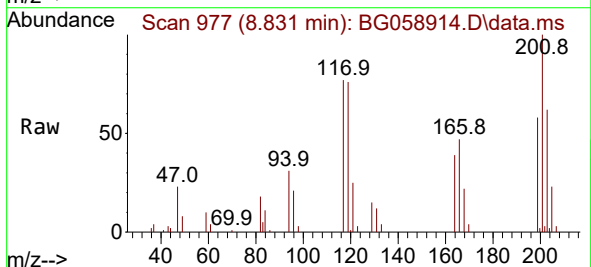
Manual Integrations
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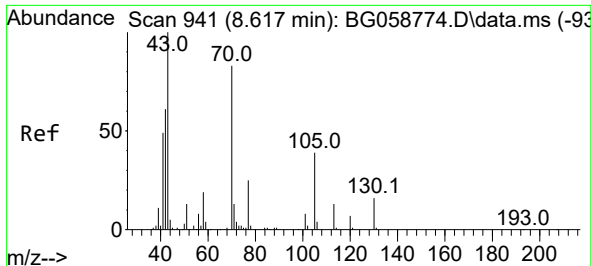
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#18
Hexachloroethane
Concen: 47.159 ng
RT: 8.831 min Scan# 977
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

Tgt Ion:117 Resp: 17495
Ion Ratio Lower Upper
117 100
119 99.1 76.6 115.0
201 130.0 97.0 145.6





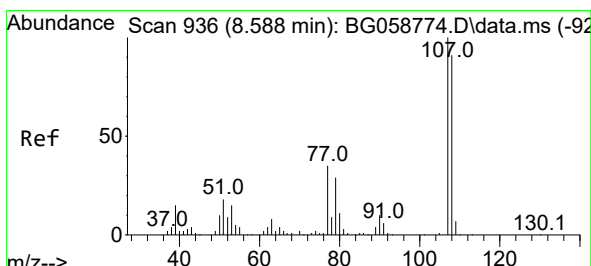
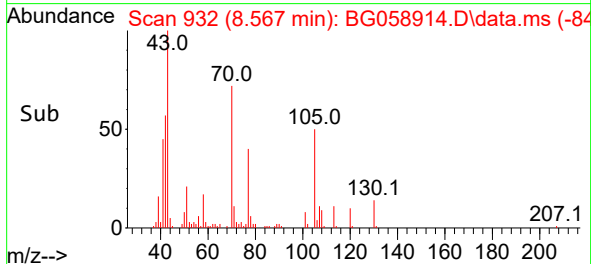
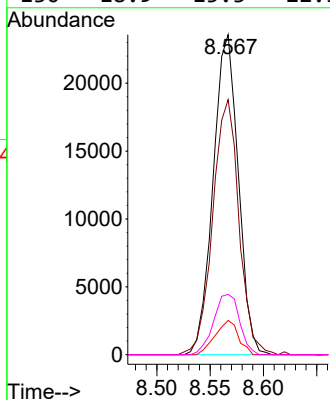
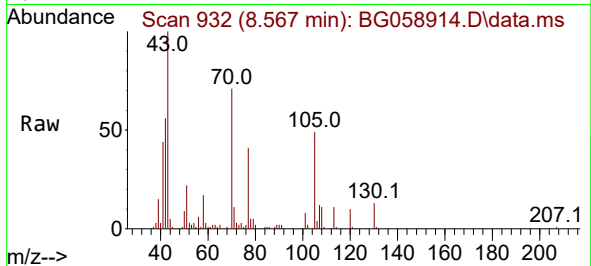
#19
n-Nitroso-di-n-propylamine
Concen: 45.417 ng
RT: 8.567 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

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

Tgt Ion: 70 Resp: 38610
Ion Ratio Lower Upper
70 100
42 79.7 59.2 88.8
101 10.7 8.2 12.2
130 18.9 15.3 22.9

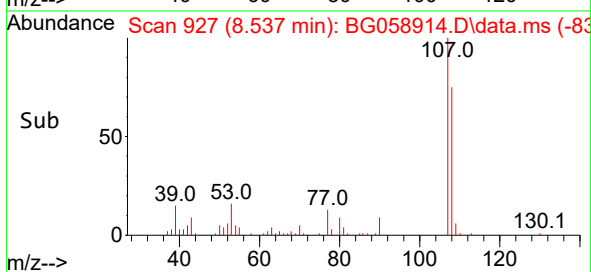
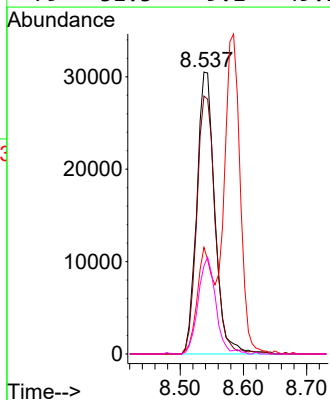
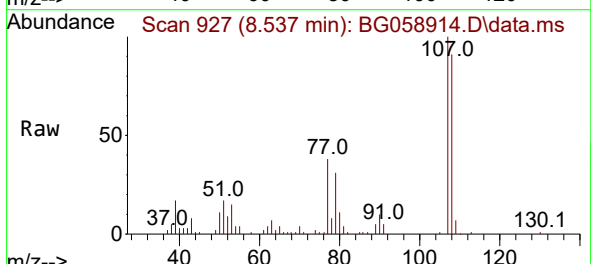
Manual Integrations
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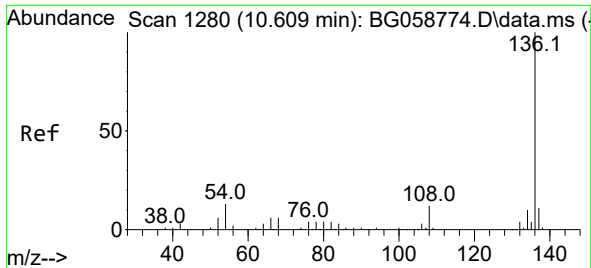
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#20
3+4-Methylphenols
Concen: 48.220 ng
RT: 8.537 min Scan# 927
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

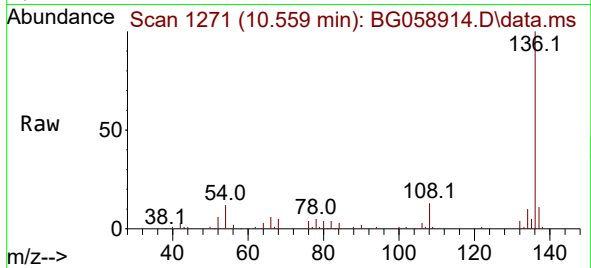
Tgt Ion:107 Resp: 60393
Ion Ratio Lower Upper
107 100
108 91.5 70.6 110.6
77 37.8 14.8 54.8
79 31.3 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.559 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

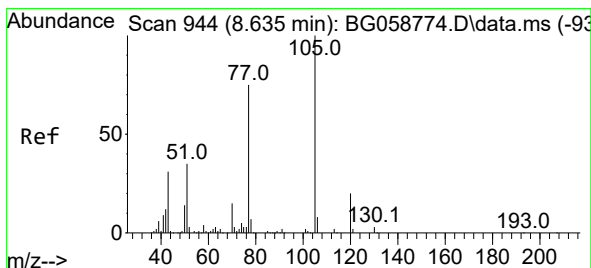
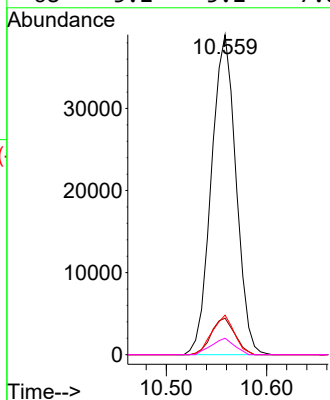
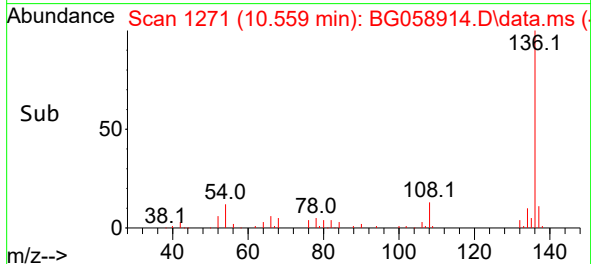
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



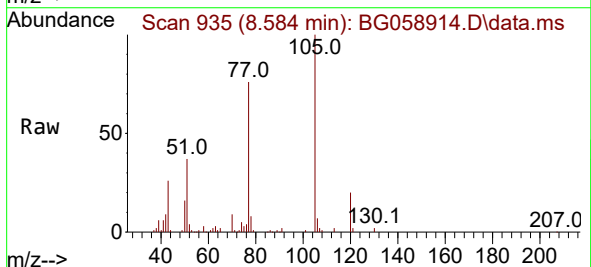
Tgt Ion:136 Resp: 66368
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 12.4 10.1 15.1
68 5.2 5.2 7.8#

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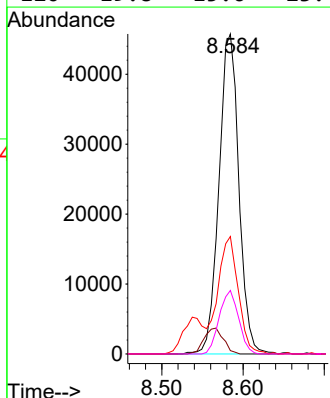
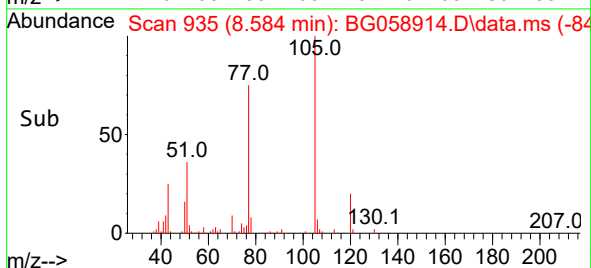
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

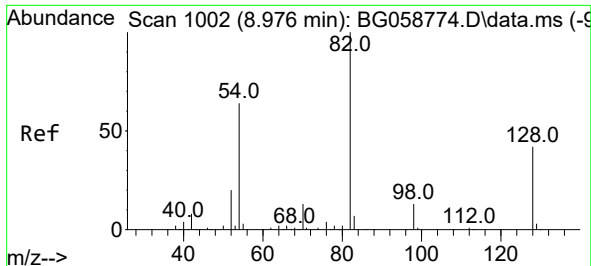


#22
Acetophenone
Concen: 43.443 ng
RT: 8.584 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



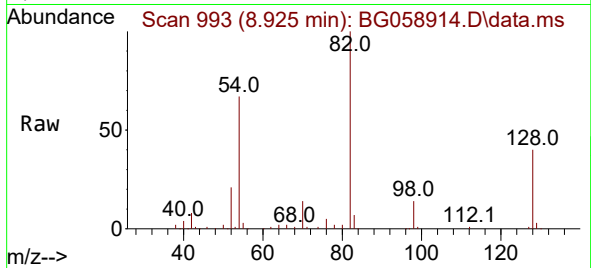
Tgt Ion:105 Resp: 78047
Ion Ratio Lower Upper
105 100
71 1.1 2.2 3.2#
51 36.7 28.5 42.7
120 19.8 15.6 23.4





#23
Nitrobenzene-d5
Concen: 93.616 ng
RT: 8.925 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

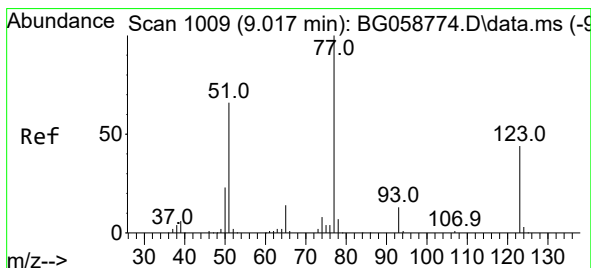
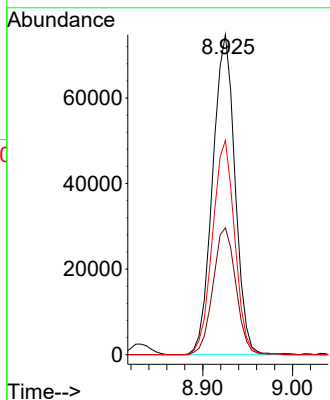
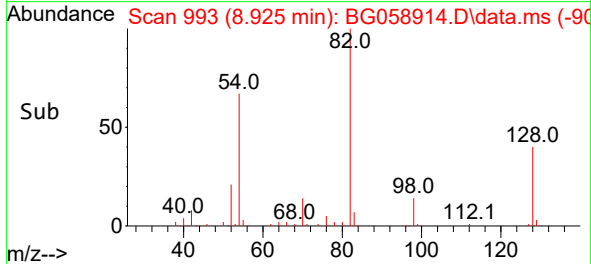
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



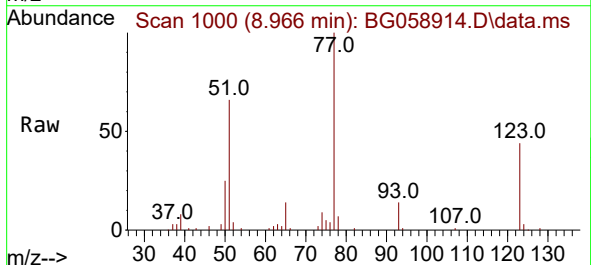
Tgt Ion: 82 Resp: 12923
Ion Ratio Lower Upper
82 100
128 39.6 33.2 49.8
54 67.0 51.2 76.8

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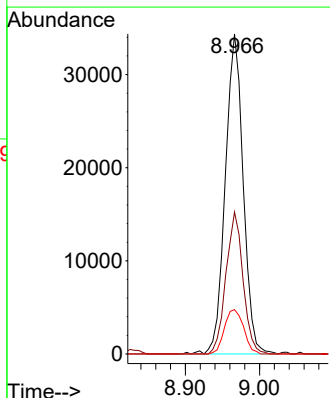
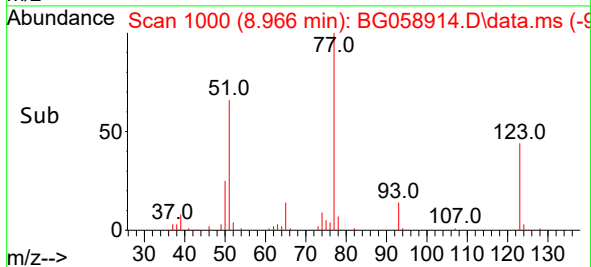
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

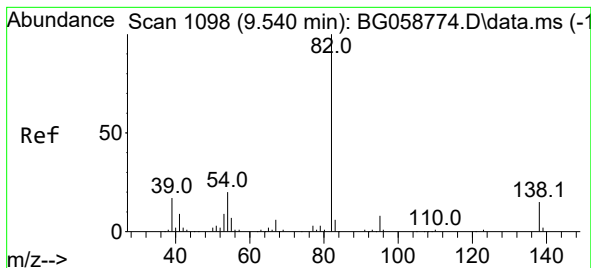


#24
Nitrobenzene
Concen: 41.967 ng
RT: 8.966 min Scan# 1000
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



Tgt Ion: 77 Resp: 57620
Ion Ratio Lower Upper
77 100
123 44.4 34.9 52.3
65 13.9 10.9 16.3





#25

Isophorone

Concen: 42.755 ng

RT: 9.483 min Scan# 1107

Delta R.T. -0.009 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD

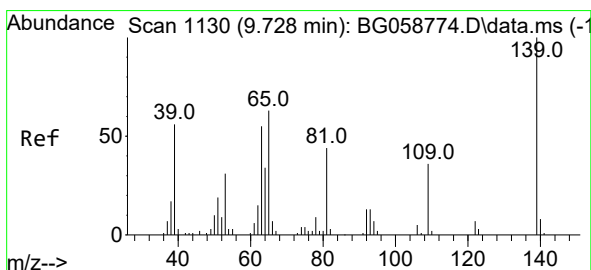
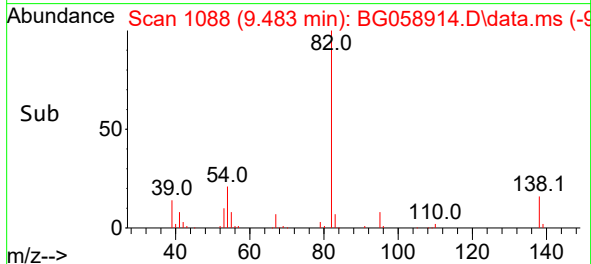
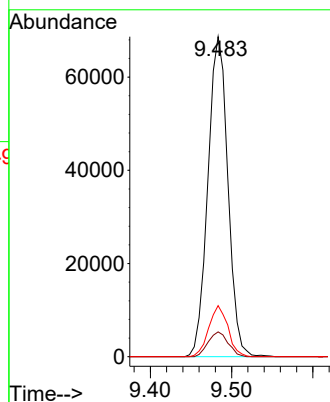
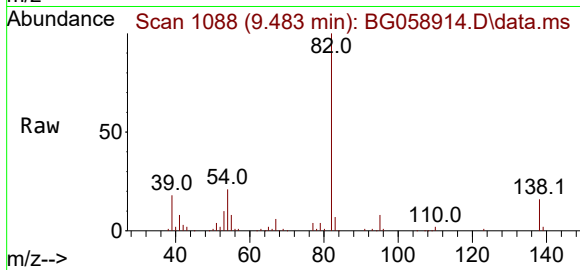
Tgt Ion: 82 Resp: 117372
 Ion Ratio Lower Upper
 82 100
 95 7.7 6.1 9.1
 138 16.0 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#26

2-Nitrophenol

Concen: 47.809 ng

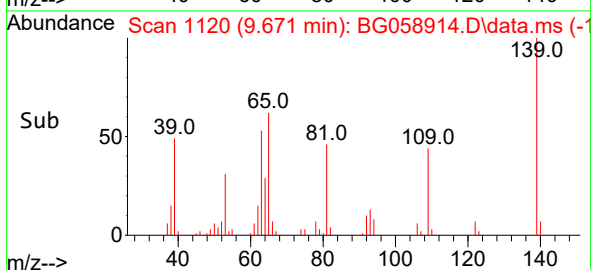
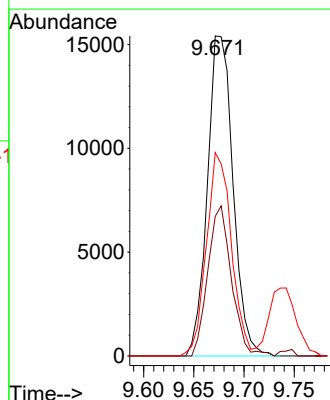
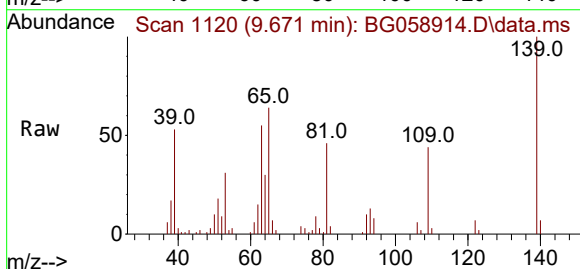
RT: 9.671 min Scan# 1120

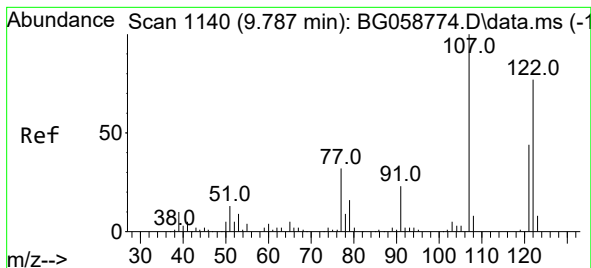
Delta R.T. -0.009 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

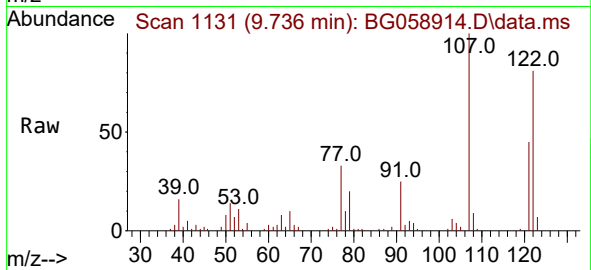
Tgt Ion:139 Resp: 27453
 Ion Ratio Lower Upper
 139 100
 109 43.6 28.7 43.1#
 65 63.5 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 49.727 ng
RT: 9.736 min Scan# 1111
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

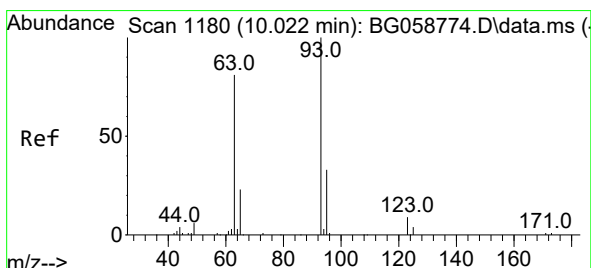
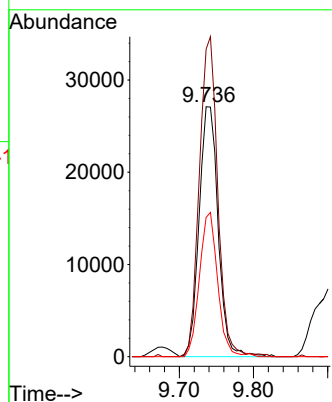
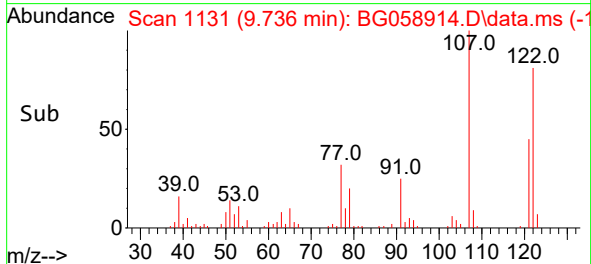
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:122 Resp: 4839
Ion Ratio Lower Upper
122 100
107 123.1 102.6 154.0
121 55.7 45.0 67.4

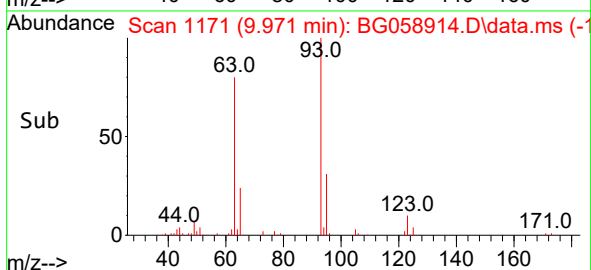
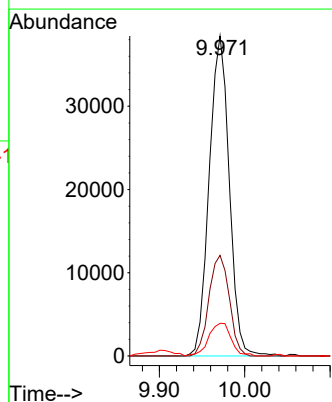
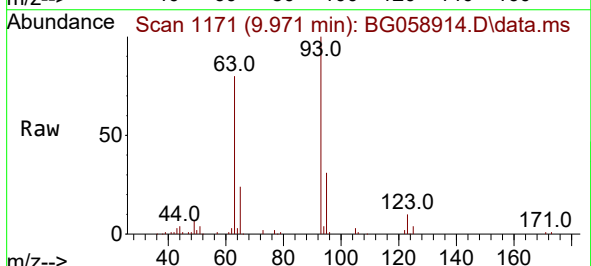
Manual Integrations
APPROVED

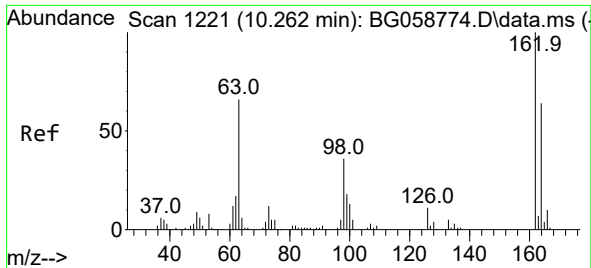
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.139 ng
RT: 9.971 min Scan# 1171
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

Tgt Ion: 93 Resp: 62729
Ion Ratio Lower Upper
93 100
95 31.5 26.2 39.4
123 10.2 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 54.773 ng

RT: 10.212 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD

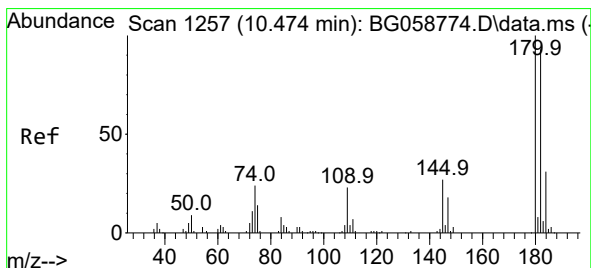
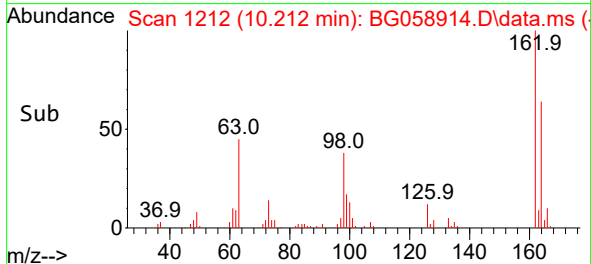
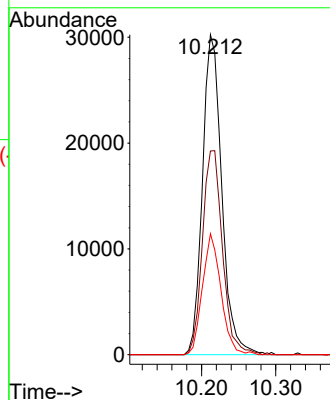
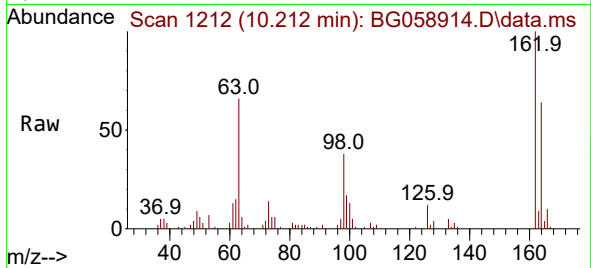
Tgt Ion:162 Resp: 54774
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.4 84.4
 98 37.8 16.1 56.1

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: 44.445 ng

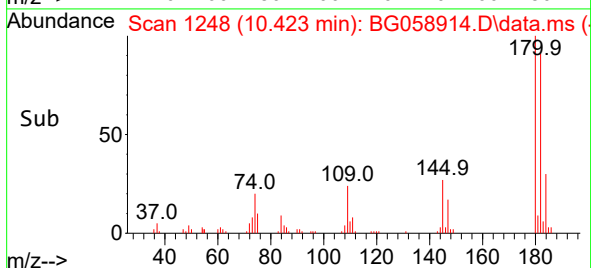
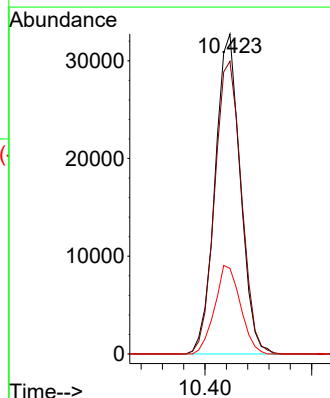
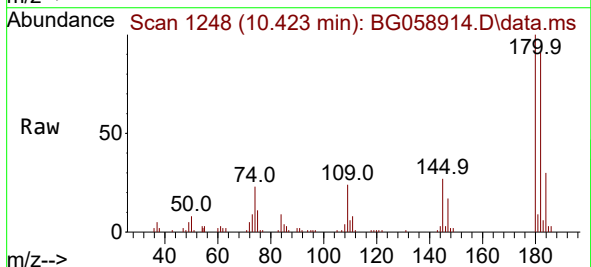
RT: 10.423 min Scan# 1248

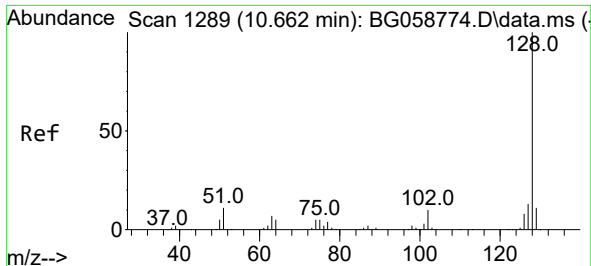
Delta R.T. -0.003 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

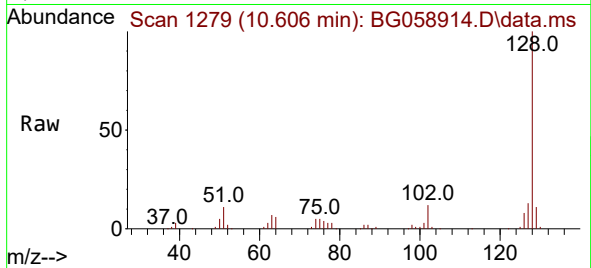
Tgt Ion:180 Resp: 53671
 Ion Ratio Lower Upper
 180 100
 182 91.4 74.6 112.0
 145 26.8 21.4 32.0





#31
Naphthalene
Concen: 43.274 ng
RT: 10.606 min Scan# 1160
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

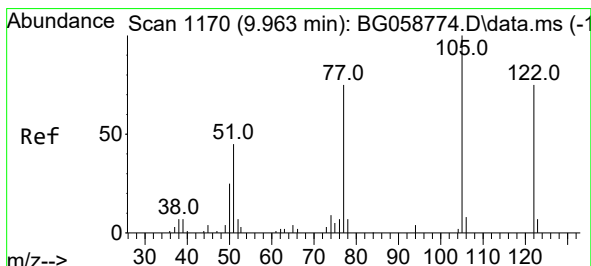
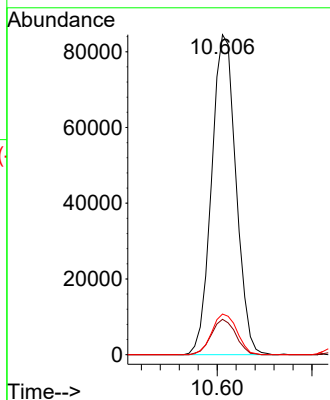
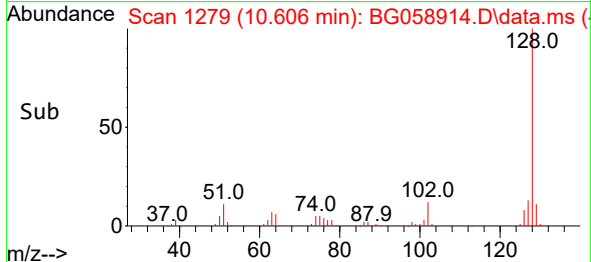
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



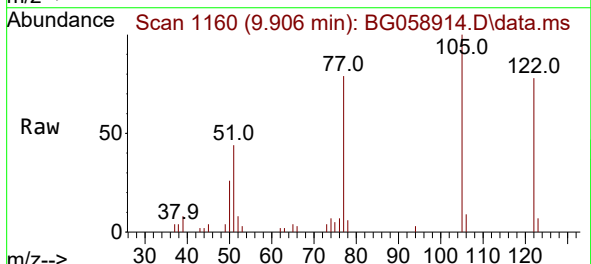
Tgt Ion:128 Resp: 15079
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.7 10.6 15.8

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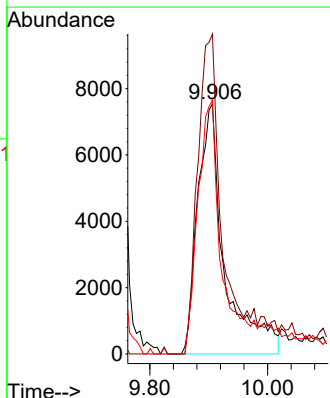
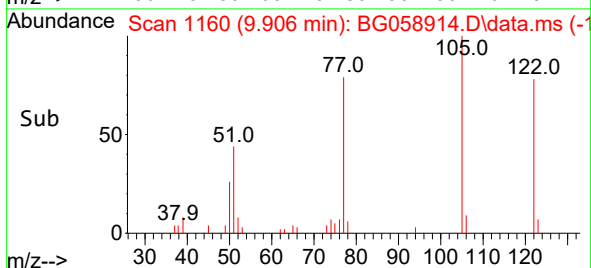
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

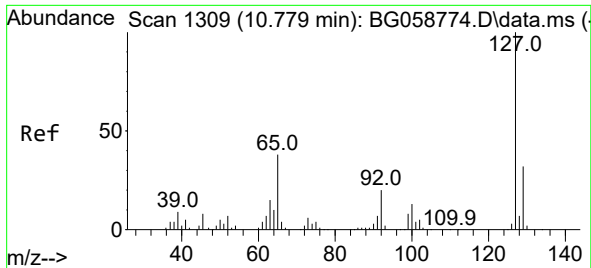


#32
Benzoic acid
Concen: 40.953 ng
RT: 9.906 min Scan# 1160
Delta R.T. -0.032 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



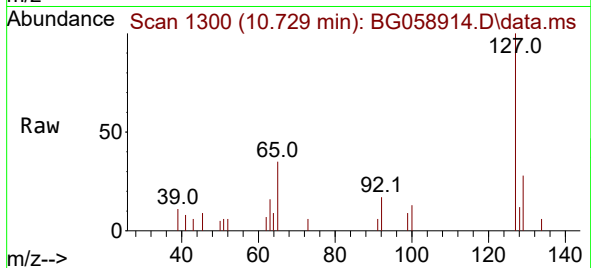
Tgt Ion:122 Resp: 23855
Ion Ratio Lower Upper
122 100
105 127.9 113.6 153.6
77 101.5 79.7 119.7





#33
4-Chloroaniline
Concen: 3.940 ng
RT: 10.729 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

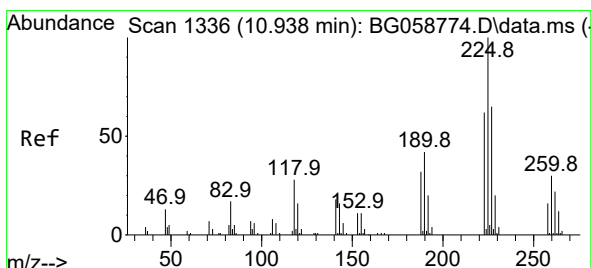
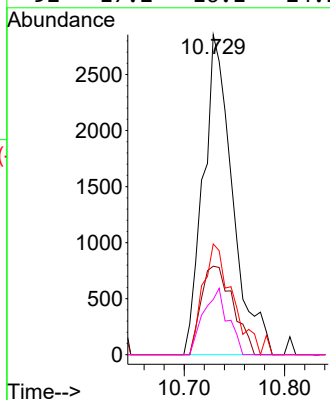
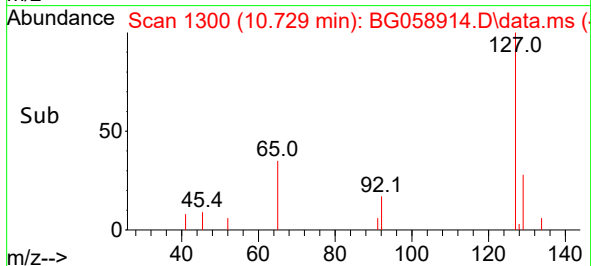
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



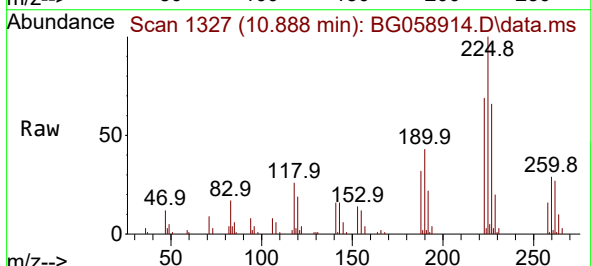
Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.7	25.2	37.8
65	34.6	30.5	45.7
92	17.2	16.1	24.1

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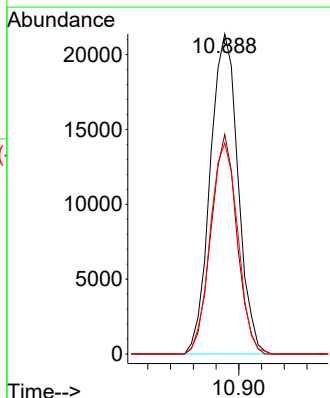
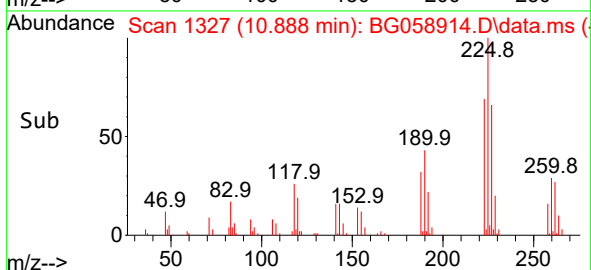
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

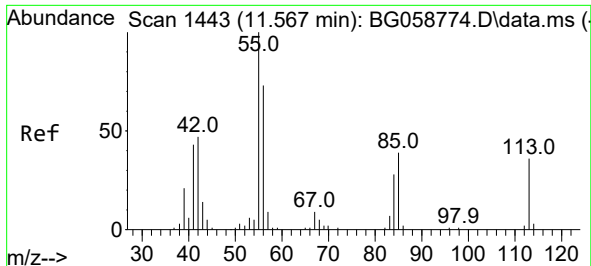


#34
Hexachlorobutadiene
Concen: 44.553 ng
RT: 10.888 min Scan# 1327
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.6	49.9	74.9
227	65.9	51.6	77.4





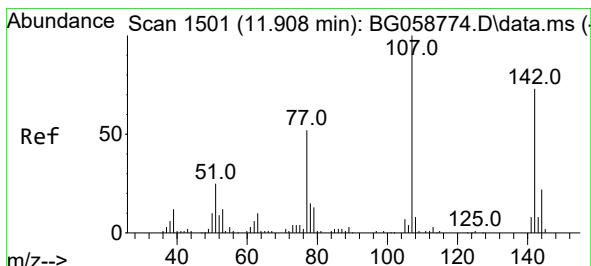
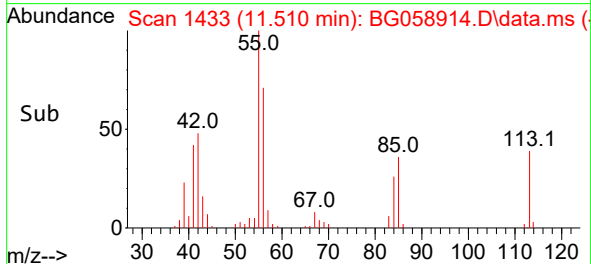
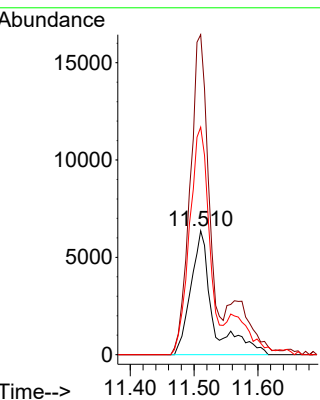
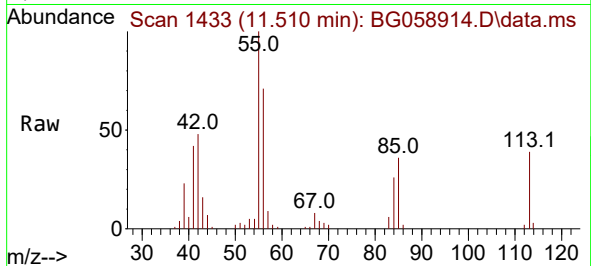
#35
 Caprolactam
 Concen: 42.758 ng m
 RT: 11.510 min Scan# 1443
 Delta R.T. -0.026 min
 Lab File: BG058914.D
 Acq: 31 Aug 2023 3:38

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

Tgt Ion:113 Resp: 1532
 Ion Ratio Lower Upper
 113 100
 55 258.5 256.3 296.3
 56 183.8 180.4 220.4

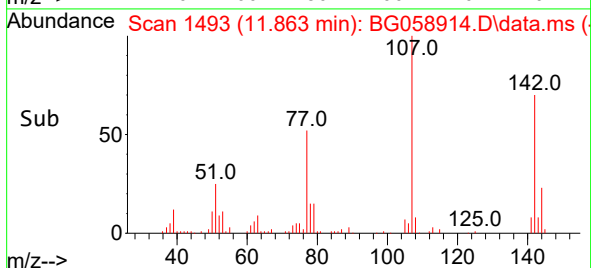
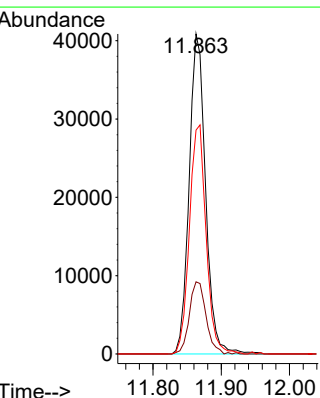
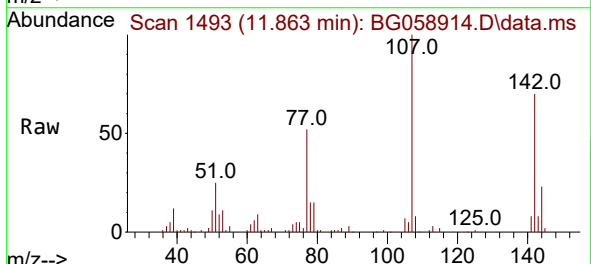
Manual Integrations
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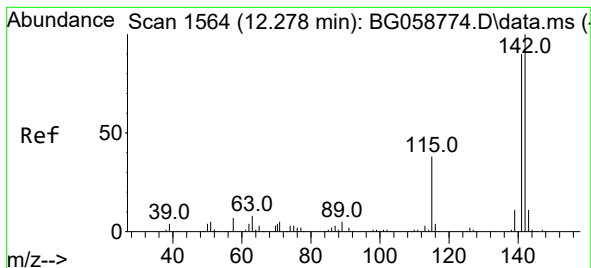
Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 54.925 ng
 RT: 11.863 min Scan# 1493
 Delta R.T. -0.003 min
 Lab File: BG058914.D
 Acq: 31 Aug 2023 3:38

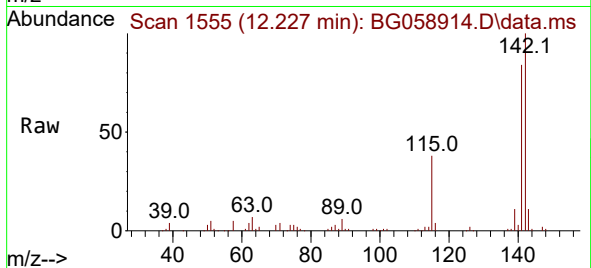
Tgt Ion:107 Resp: 68305
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.9 26.9
 142 69.9 58.5 87.7





#37
2-Methylnaphthalene
Concen: 44.806 ng
RT: 12.227 min Scan# 1555
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

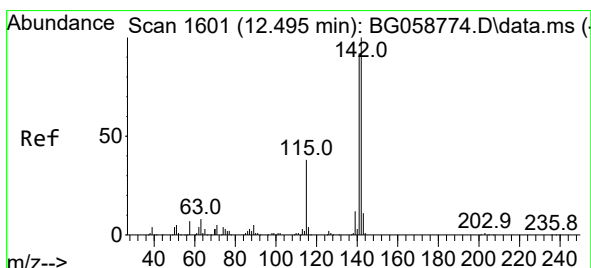
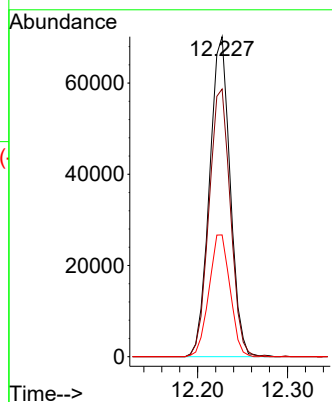
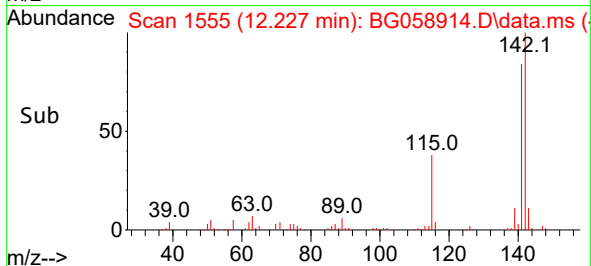
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:142 Resp: 11214
Ion Ratio Lower Upper
142 100
141 83.6 71.8 107.8
115 38.1 30.6 45.8

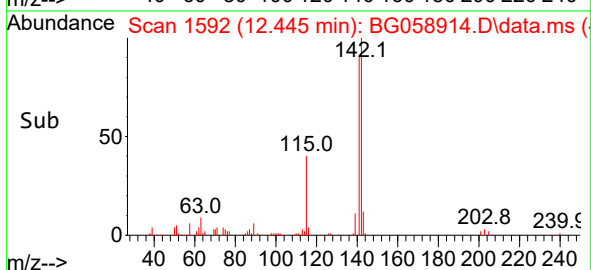
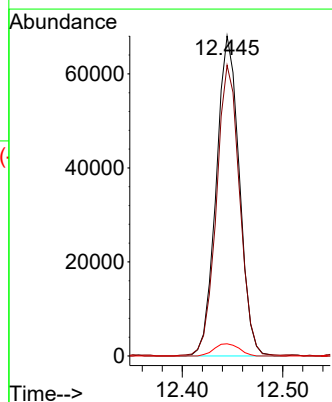
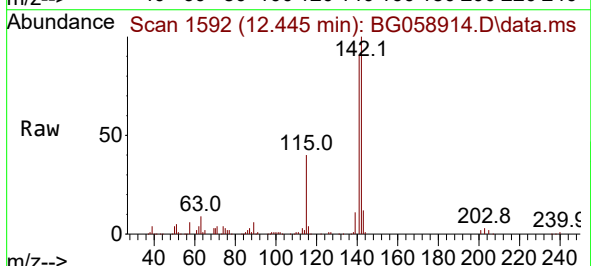
Manual Integrations
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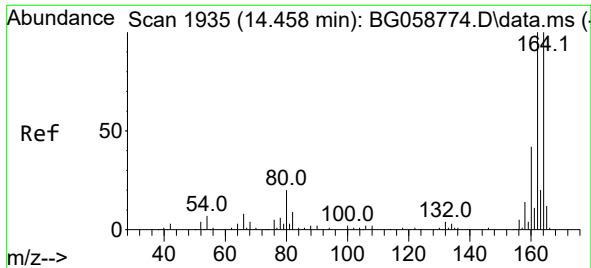
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#38
1-Methylnaphthalene
Concen: 45.663 ng
RT: 12.445 min Scan# 1592
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

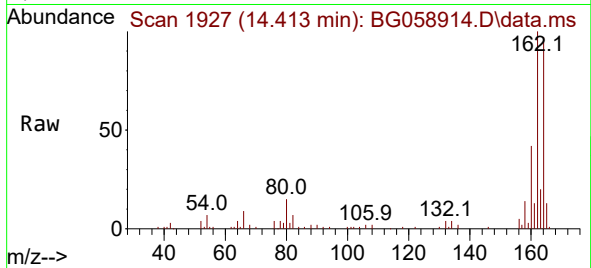
Tgt Ion:142 Resp: 108487
Ion Ratio Lower Upper
142 100
141 90.8 73.9 110.9
116 3.8 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

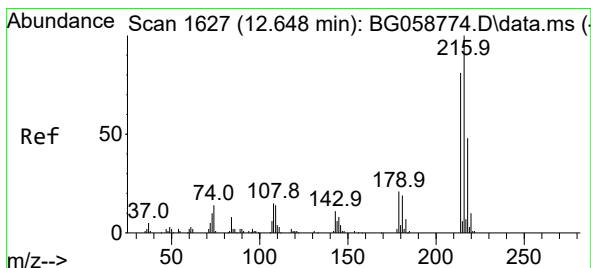
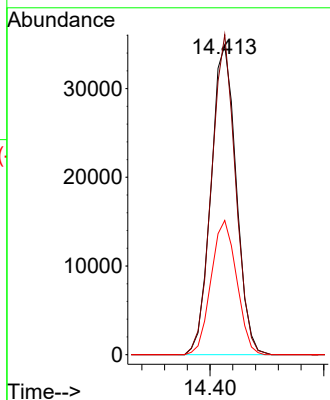
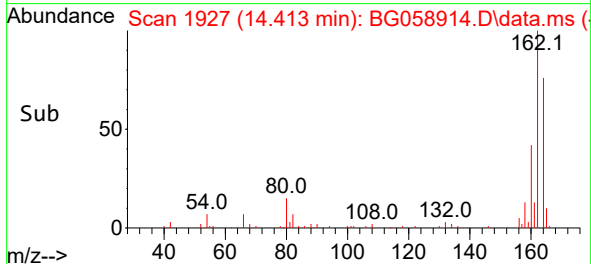
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



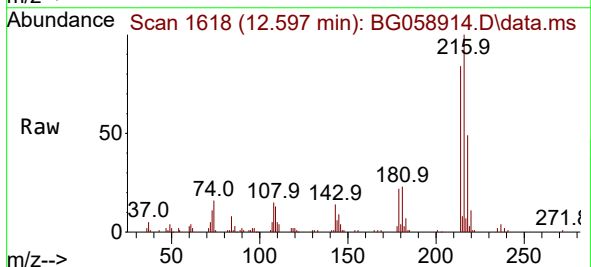
Tgt Ion:164 Resp: 5366
Ion Ratio Lower Upper
164 100
162 103.5 79.6 119.4
160 43.4 34.0 51.0

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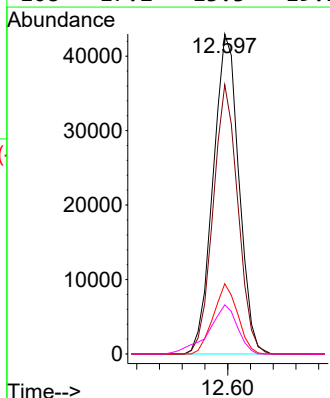
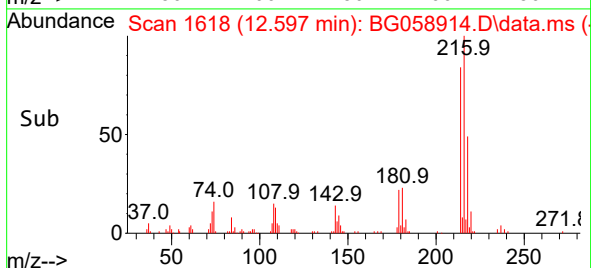
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

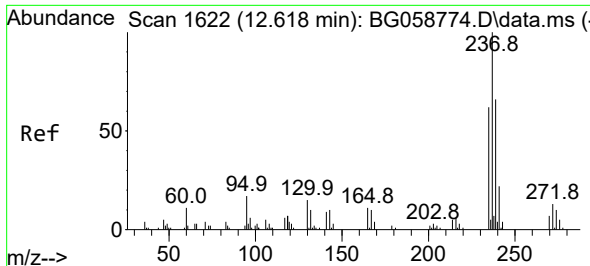


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.883 ng
RT: 12.597 min Scan# 1618
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



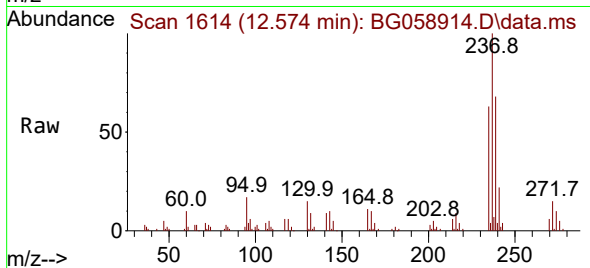
Tgt Ion:216 Resp: 67641
Ion Ratio Lower Upper
216 100
214 80.9 64.0 96.0
179 20.7 16.2 24.4
108 17.2 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 83.137 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

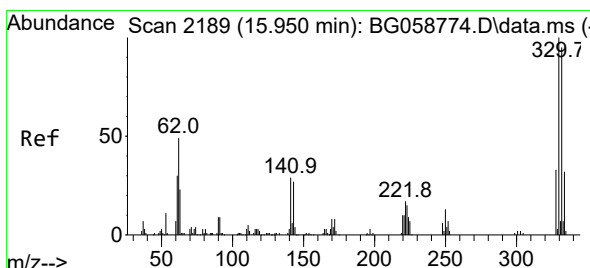
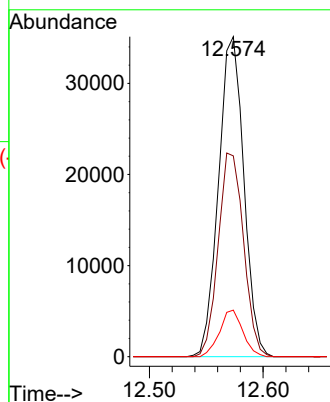
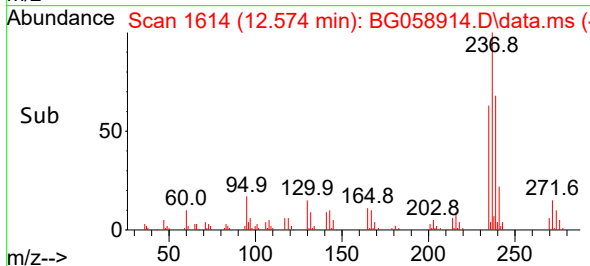
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



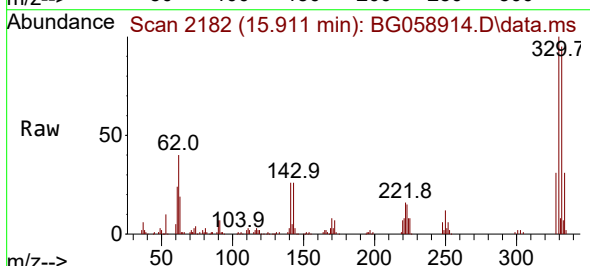
Tgt Ion:237 Resp: 5436
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 14.5 0.0 32.5

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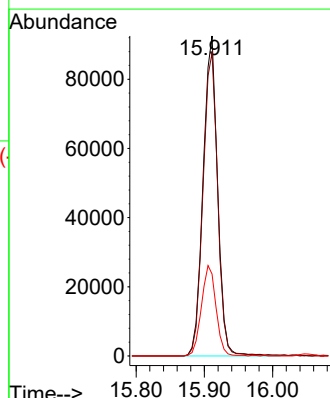
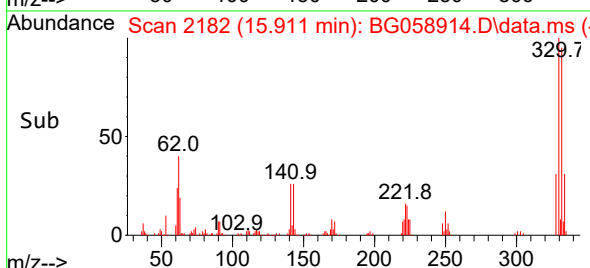
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

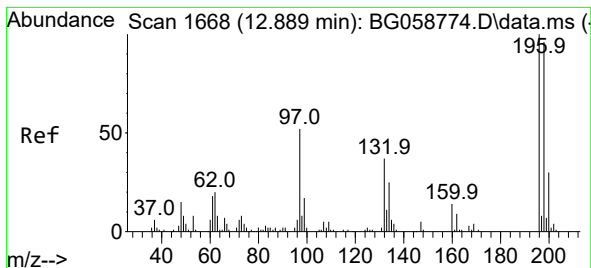


#42
2,4,6-Tribromophenol
Concen: 162.470 ng
RT: 15.911 min Scan# 2182
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



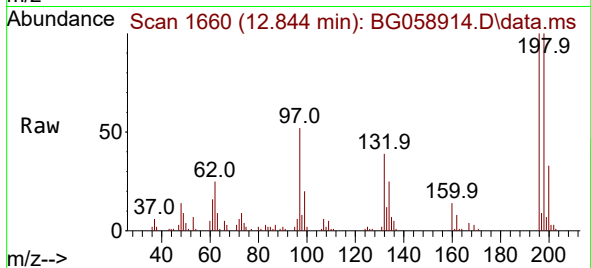
Tgt Ion:330 Resp: 136717
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 28.4 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 50.048 ng
RT: 12.844 min Scan# 1674
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

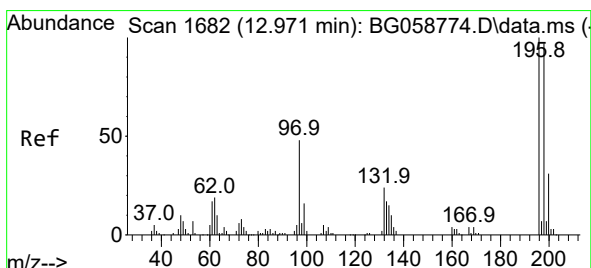
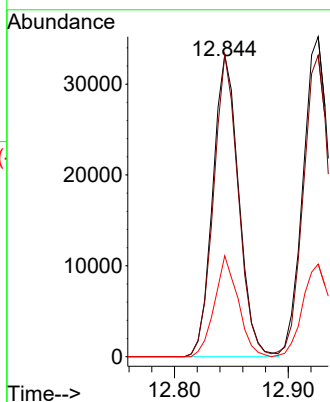
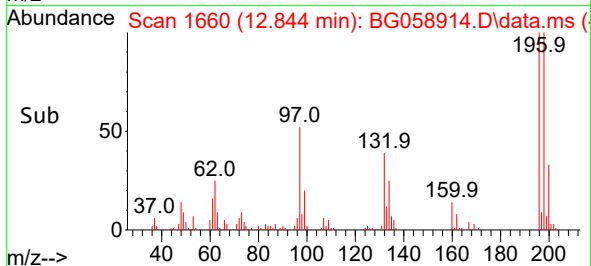
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



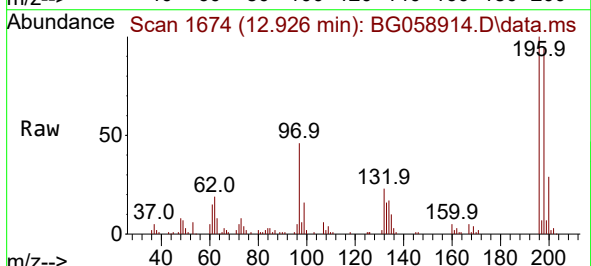
Tgt Ion:196 Resp: 5268
Ion Ratio Lower Upper
196 100
198 100.0 77.0 115.4
200 33.4 23.8 35.6

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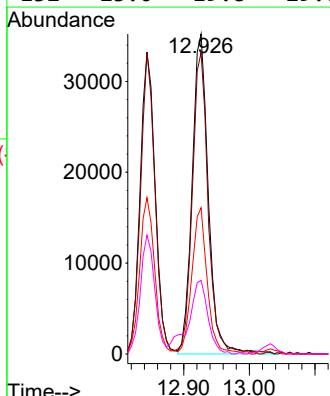
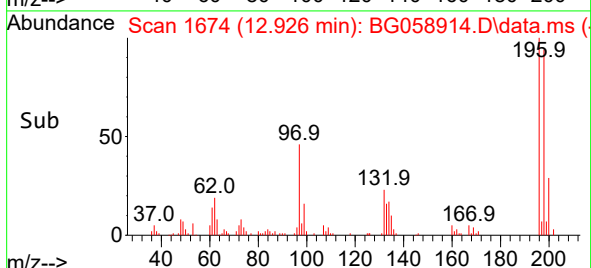
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

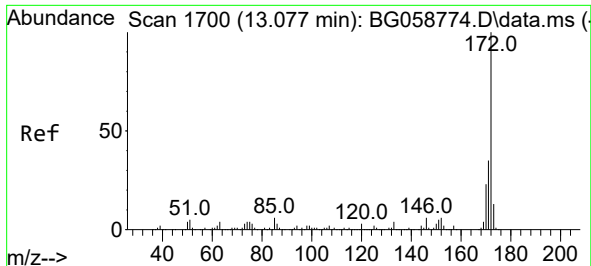


#44
2,4,5-Trichlorophenol
Concen: 48.008 ng
RT: 12.926 min Scan# 1674
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



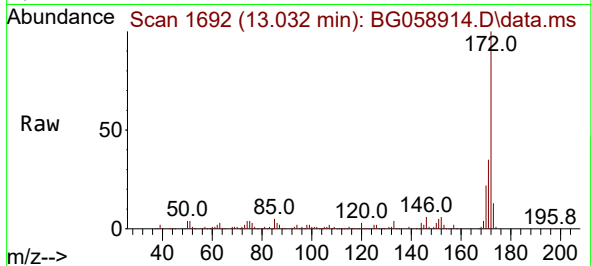
Tgt Ion:196 Resp: 60522
Ion Ratio Lower Upper
196 100
198 94.2 78.0 117.0
97 45.7 38.7 58.1
132 23.0 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 88.236 ng
RT: 13.032 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

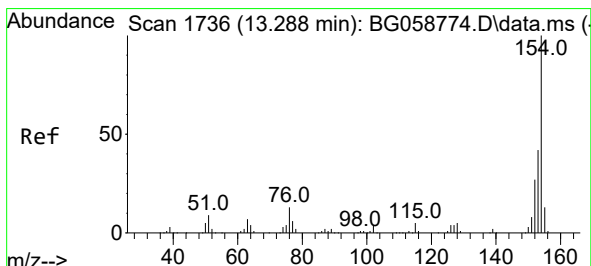
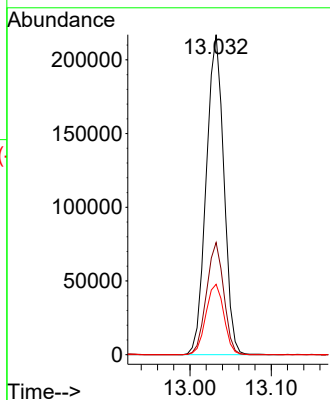
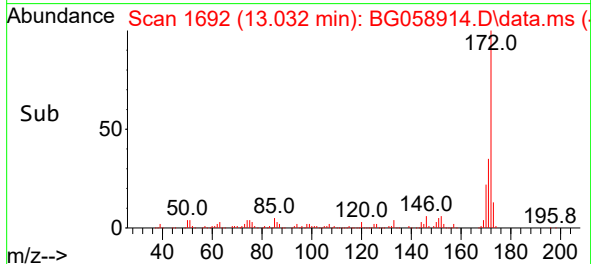
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



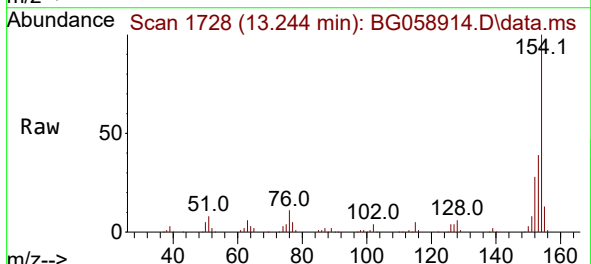
Tgt Ion:172 Resp: 325572
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.0 18.6 27.8

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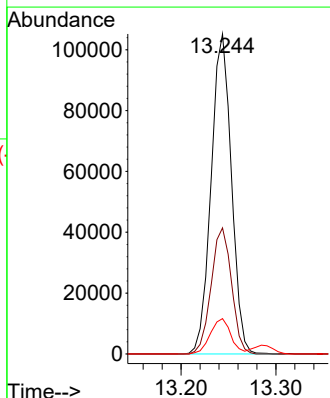
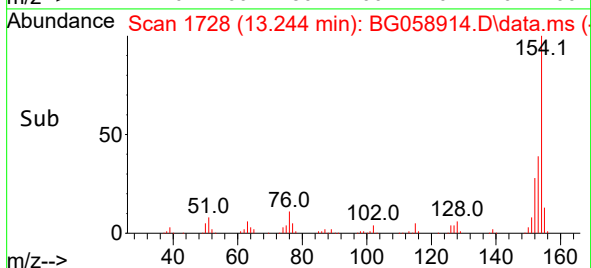
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

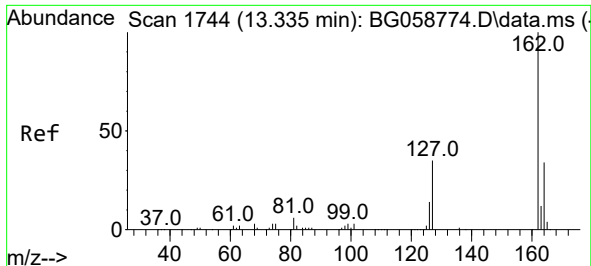


#46
1,1'-Biphenyl
Concen: 42.164 ng
RT: 13.244 min Scan# 1728
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



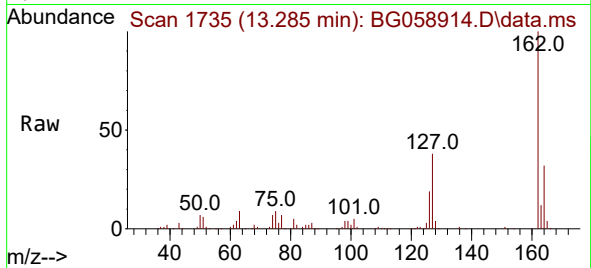
Tgt Ion:154 Resp: 155882
Ion Ratio Lower Upper
154 100
153 39.4 21.7 61.7
76 11.0 0.0 33.2





#47
2-Chloronaphthalene
Concen: 43.912 ng
RT: 13.285 min Scan# 1771
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

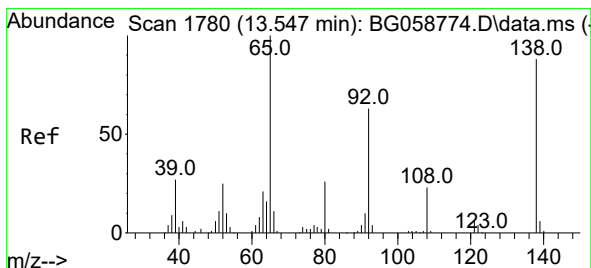
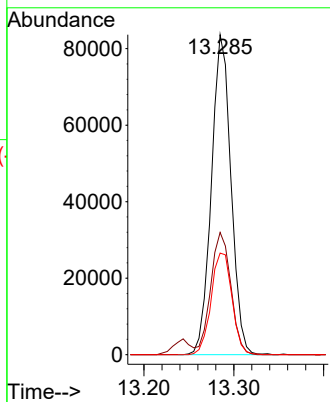
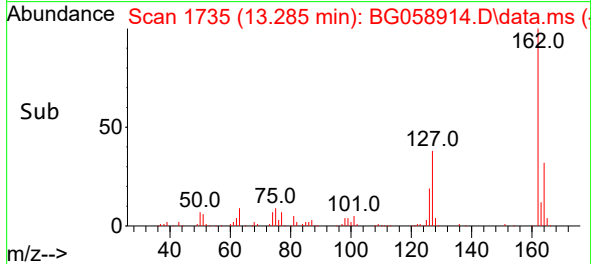
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:162 Resp: 126515
Ion Ratio Lower Upper
162 100
127 38.2 31.5 47.3
164 31.8 27.3 40.9

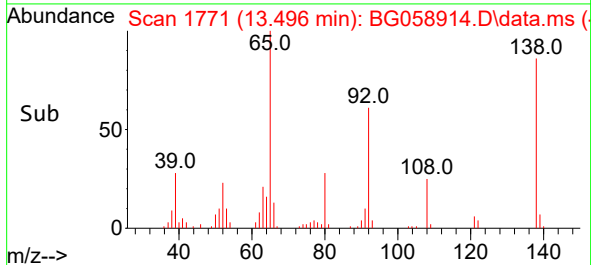
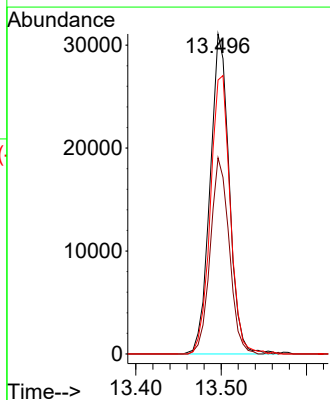
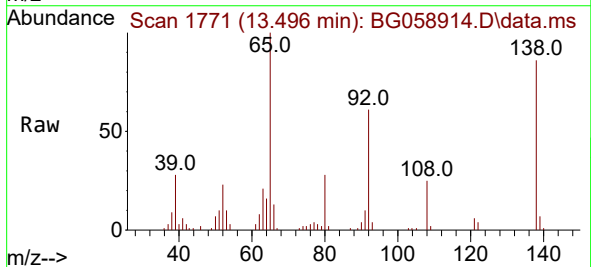
Manual Integrations
APPROVED

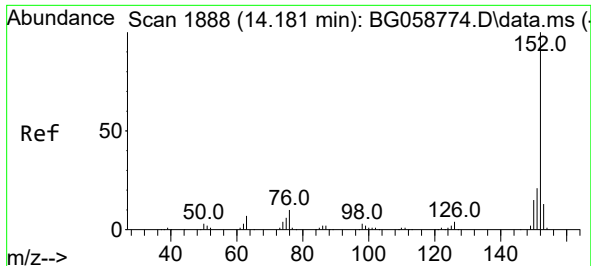
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#48
2-Nitroaniline
Concen: 44.466 ng
RT: 13.496 min Scan# 1771
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

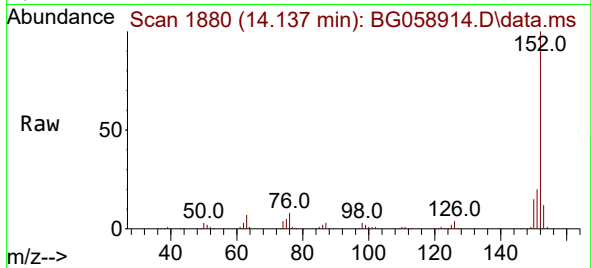
Tgt Ion: 65 Resp: 48655
Ion Ratio Lower Upper
65 100
92 61.3 50.7 76.1
138 85.6 70.7 106.1





#49
Acenaphthylene
Concen: 44.365 ng
RT: 14.137 min Scan# 1880
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

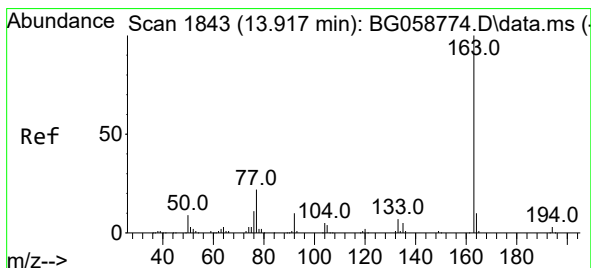
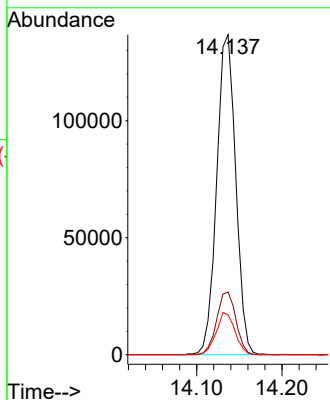
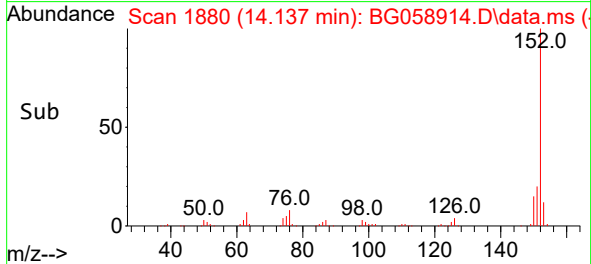
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



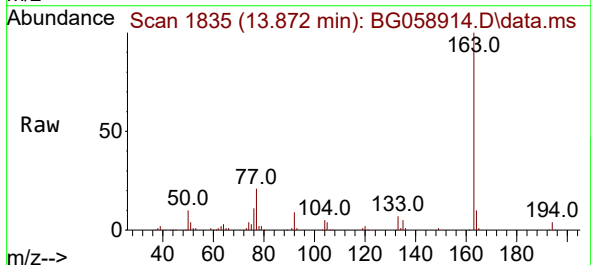
Tgt Ion:152 Resp: 211970
Ion Ratio Lower Upper
152 100
151 19.6 16.9 25.3
153 12.4 10.7 16.1

Manual Integrations
APPROVED

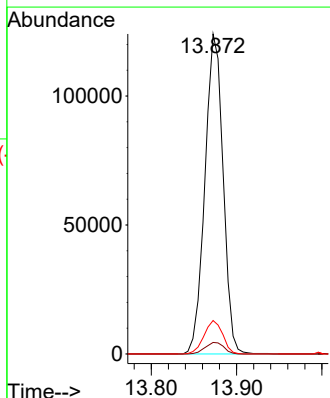
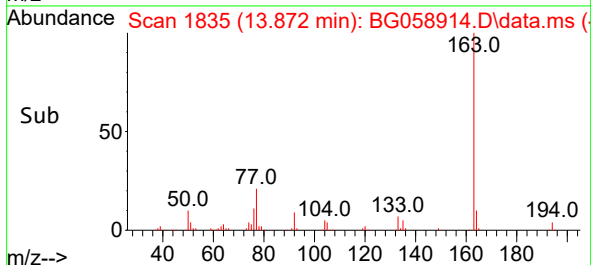
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

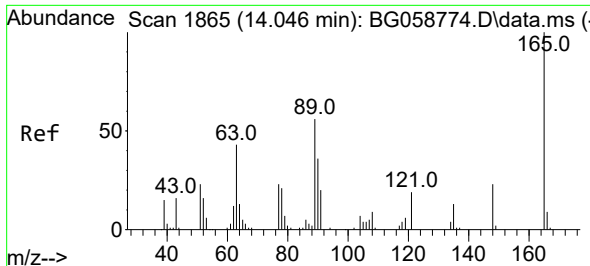


#50
Dimethylphthalate
Concen: 44.257 ng
RT: 13.872 min Scan# 1835
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



Tgt Ion:163 Resp: 183902
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.3 12.5





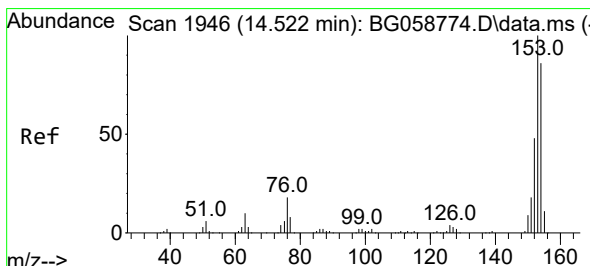
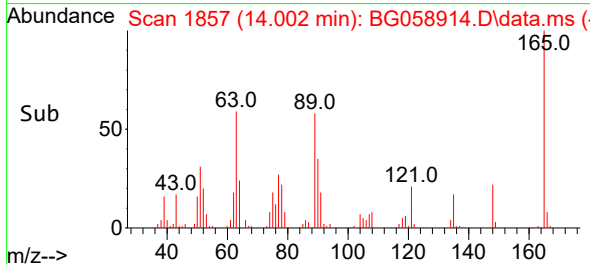
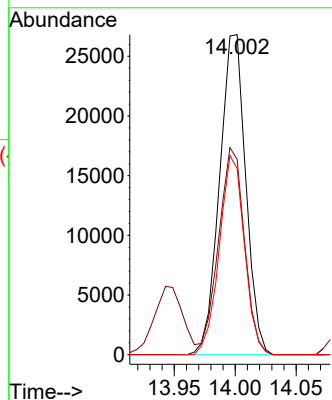
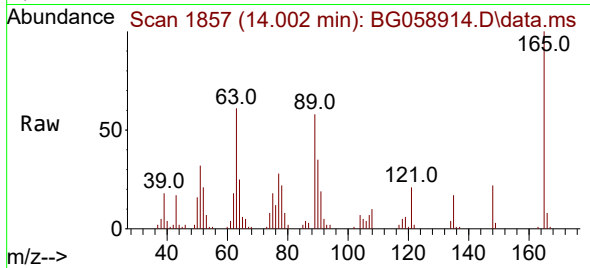
#51
2,6-Dinitrotoluene
Concen: 45.945 ng
RT: 14.002 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

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

Tgt Ion:165 Resp: 40109
Ion Ratio Lower Upper
165 100
63 61.0 47.2 70.8
89 58.1 45.0 67.4

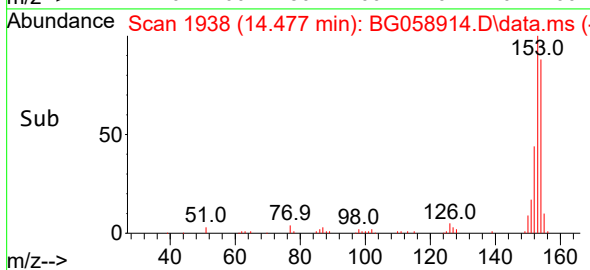
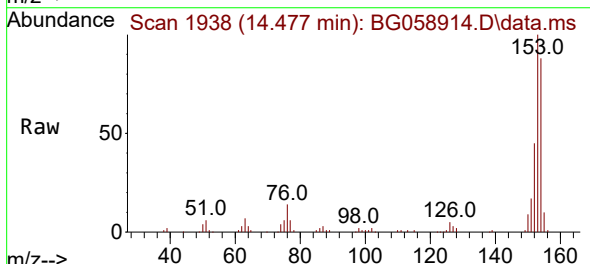
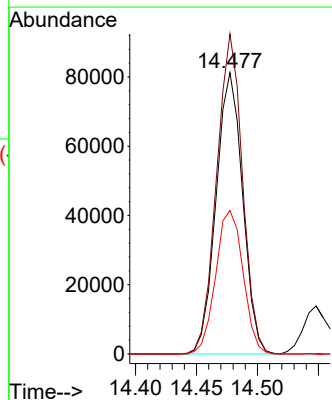
Manual Integrations
APPROVED

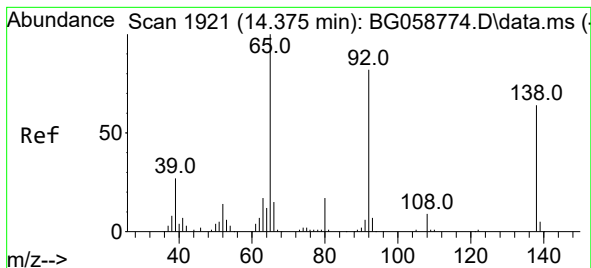
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 43.964 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

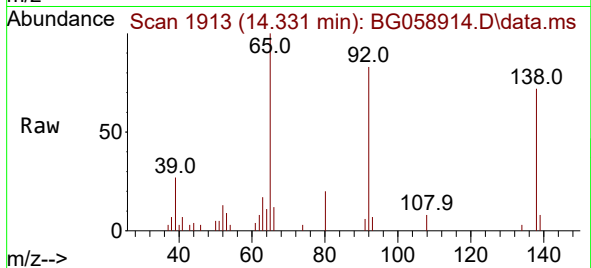
Tgt Ion:154 Resp: 122749
Ion Ratio Lower Upper
154 100
153 113.8 92.7 139.1
152 51.0 44.2 66.2





#53
3-Nitroaniline
Concen: 10.410 ng
RT: 14.331 min Scan# 1913
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

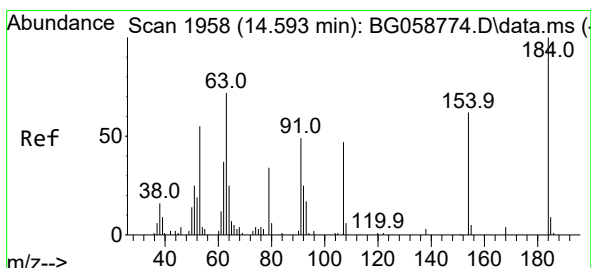
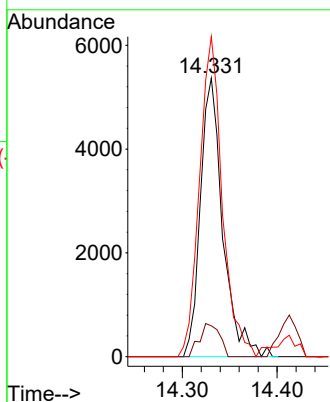
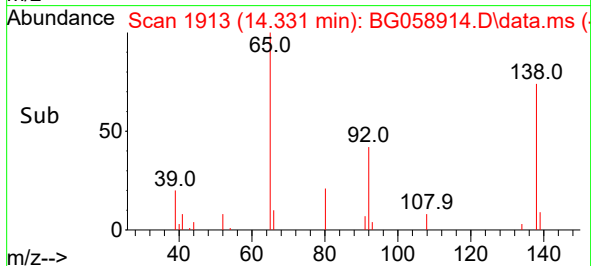
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:138 Resp: 876
Ion Ratio Lower Upper
138 100
108 11.1 11.8 17.8
92 114.9 102.5 153.7

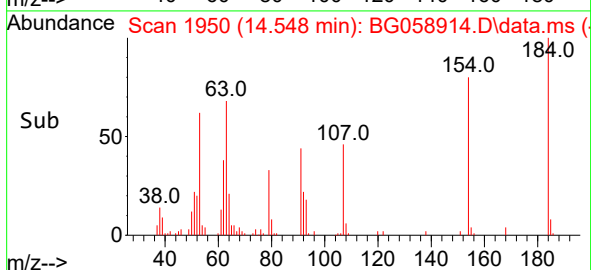
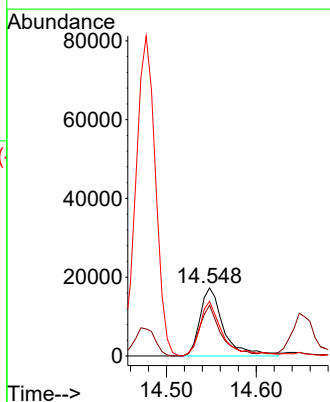
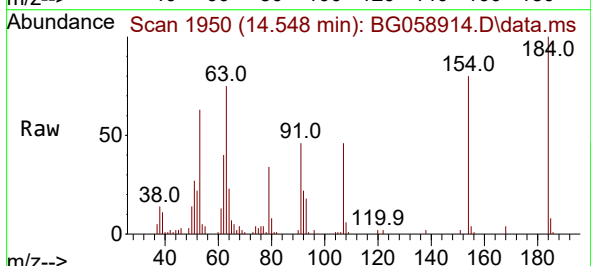
Manual Integrations
APPROVED

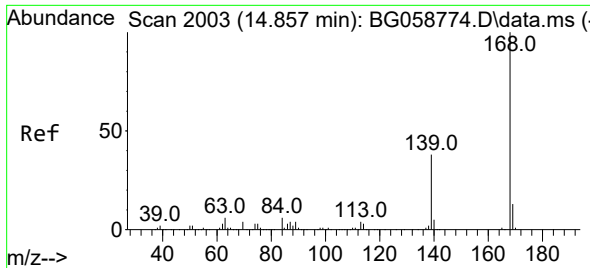
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#54
2,4-Dinitrophenol
Concen: 65.944 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

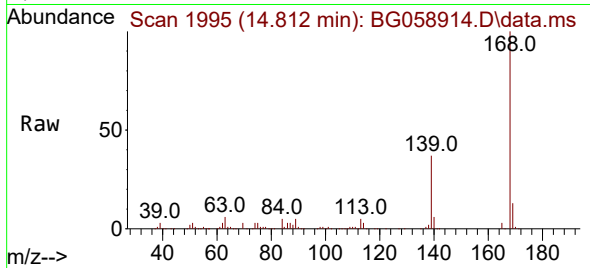
Tgt Ion:184 Resp: 31529
Ion Ratio Lower Upper
184 100
63 74.7 57.7 86.5
154 80.4 51.8 77.6#





#55
Dibenzenofuran
Concen: 44.349 ng
RT: 14.812 min Scan# 1995
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

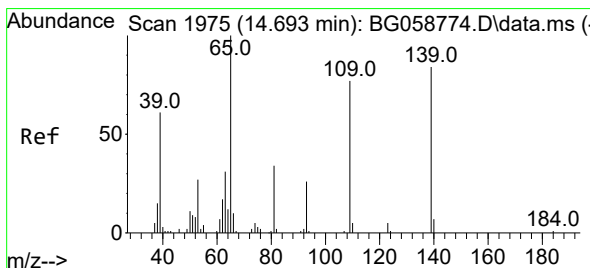
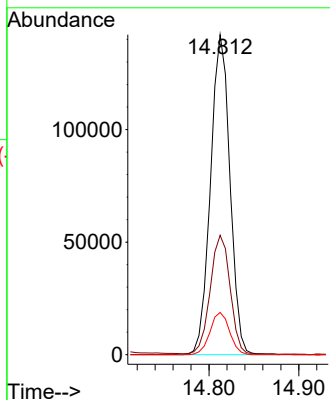
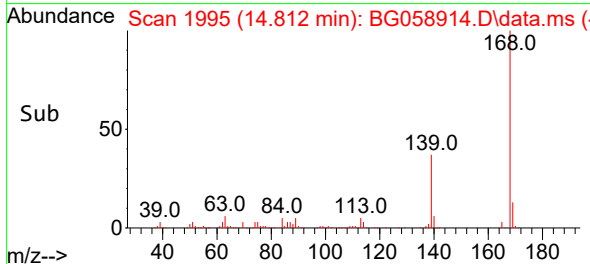
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:168 Resp: 21359
Ion Ratio Lower Upper
168 100
139 37.3 30.4 45.6
169 13.2 10.7 16.1

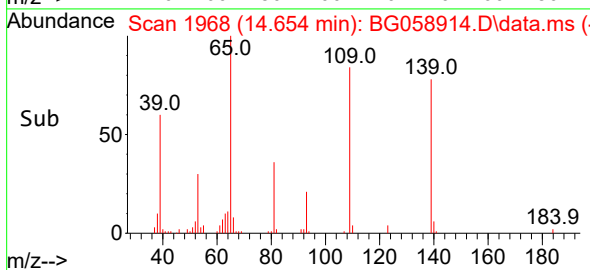
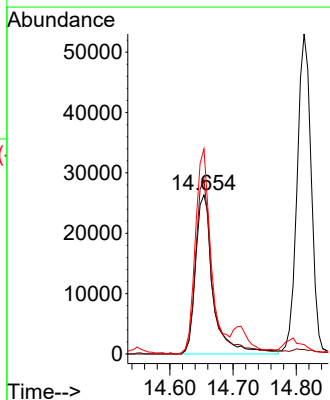
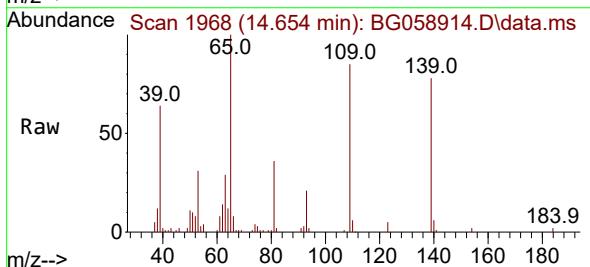
Manual Integrations
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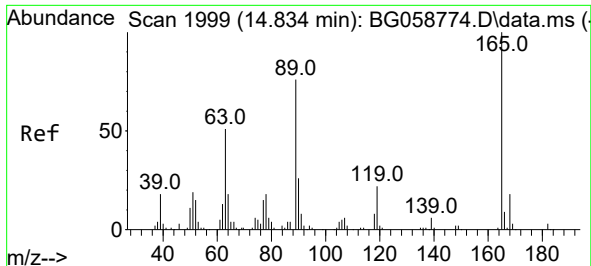
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#56
4-Nitrophenol
Concen: 83.223 ng
RT: 14.654 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

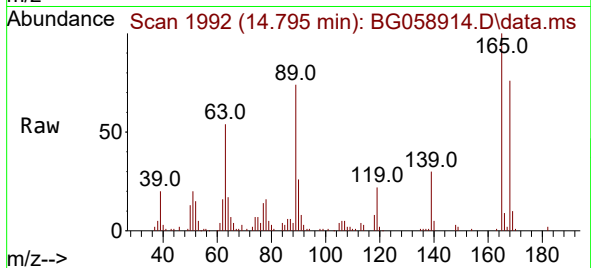
Tgt Ion:139 Resp: 50808
Ion Ratio Lower Upper
139 100
109 109.7 71.9 111.9
65 129.0 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 47.432 ng
RT: 14.795 min Scan# 1999
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

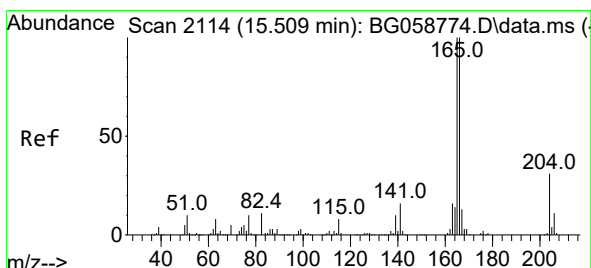
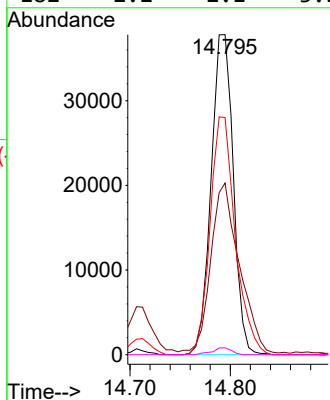
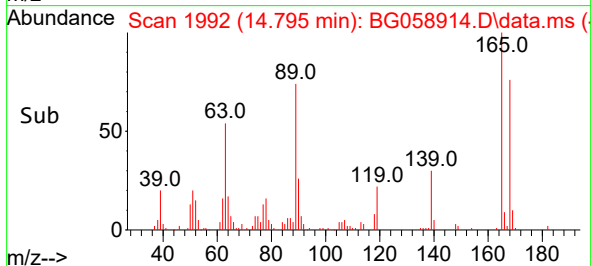
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



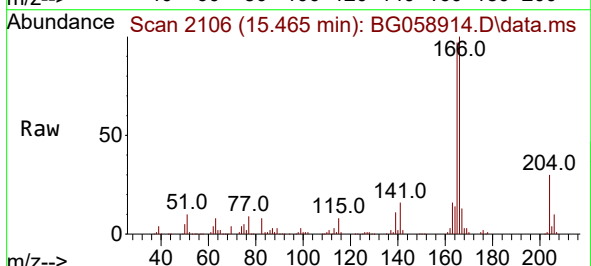
Tgt Ion:165 Resp: 57754
Ion Ratio Lower Upper
165 100
63 53.7 41.8 62.6
89 74.1 60.7 91.1
182 2.2 2.1 3.1

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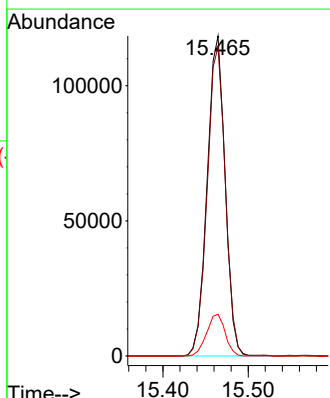
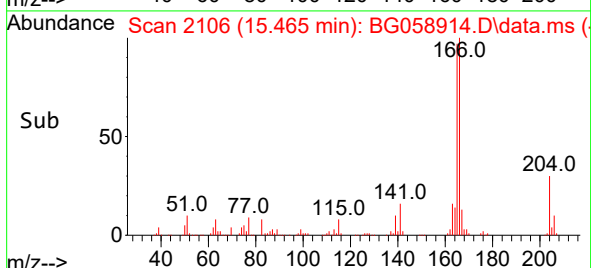
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

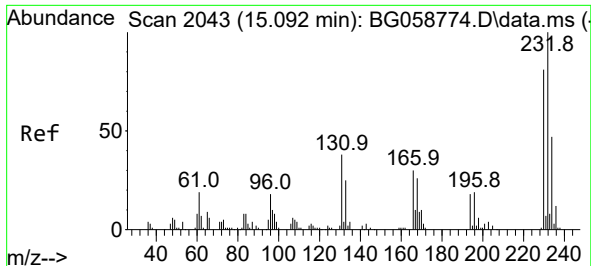


#58
Fluorene
Concen: 45.261 ng
RT: 15.465 min Scan# 2106
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



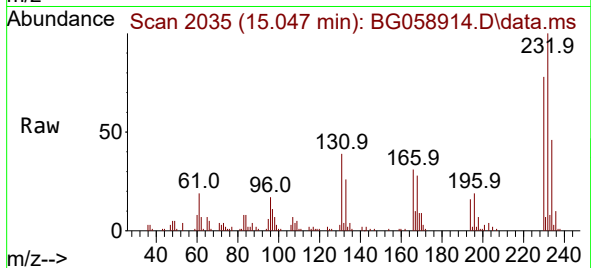
Tgt Ion:166 Resp: 173481
Ion Ratio Lower Upper
166 100
165 96.6 79.9 119.9
167 13.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.663 ng
RT: 15.047 min Scan# 2043
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

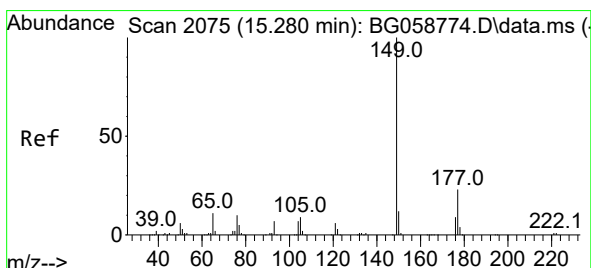
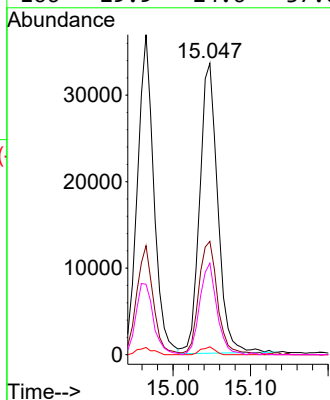
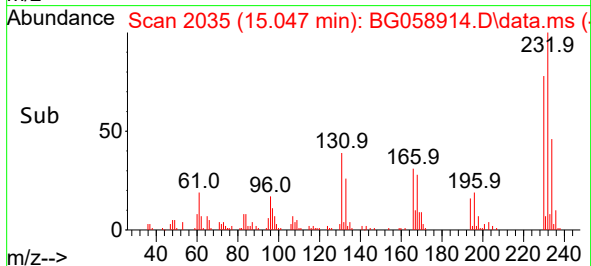
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



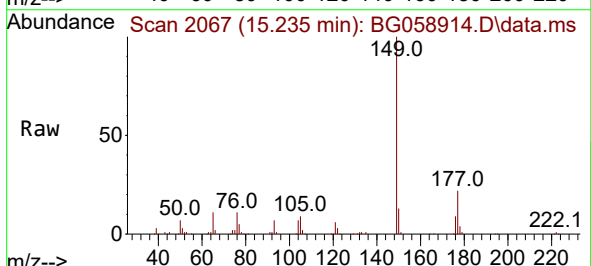
Tgt Ion:232 Resp: 54170
Ion Ratio Lower Upper
232 100
131 40.7 33.9 50.9
130 2.1 1.8 2.6
166 29.9 24.6 37.0

Manual Integrations
APPROVED

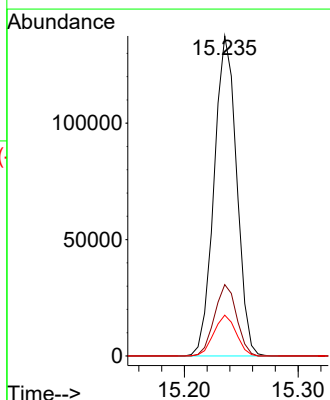
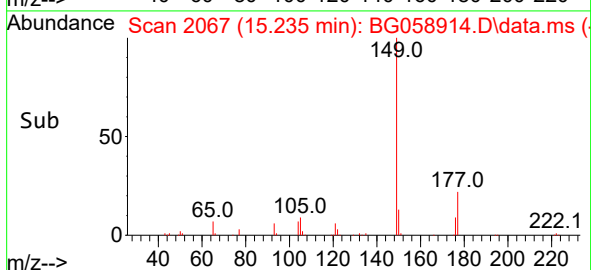
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

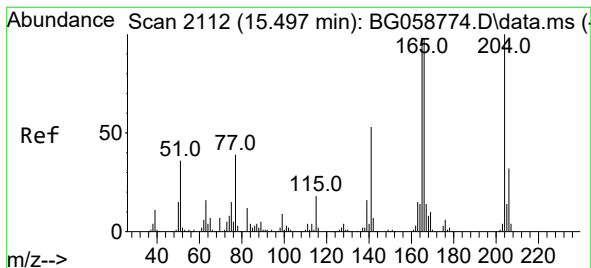


#60
Diethylphthalate
Concen: 44.245 ng
RT: 15.235 min Scan# 2067
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



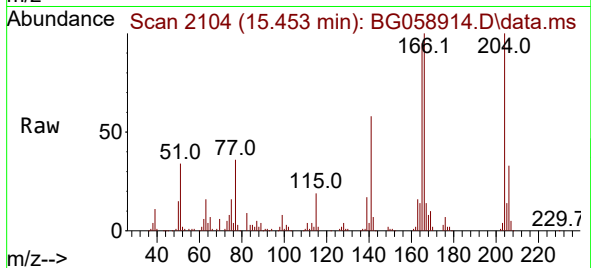
Tgt Ion:149 Resp: 189559
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.238 ng
RT: 15.453 min Scan# 2110
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

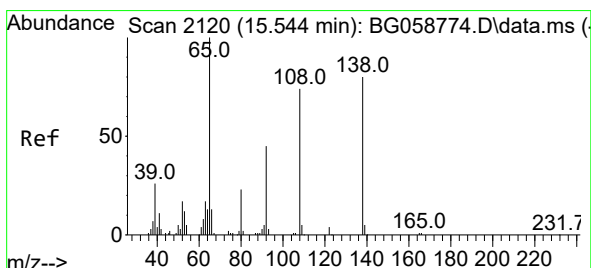
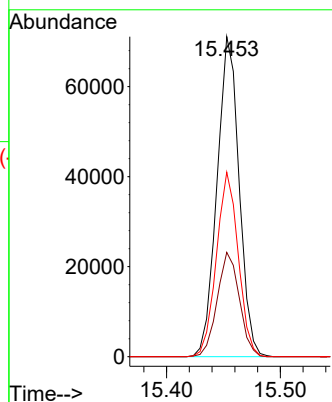
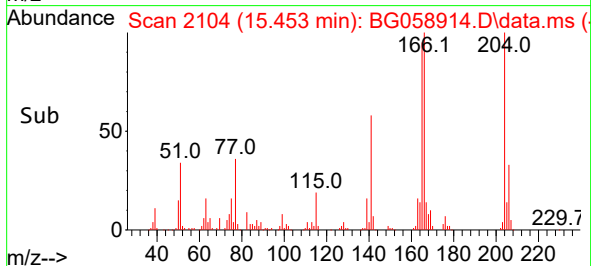
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:204 Resp: 9610
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 57.7 42.3 63.5

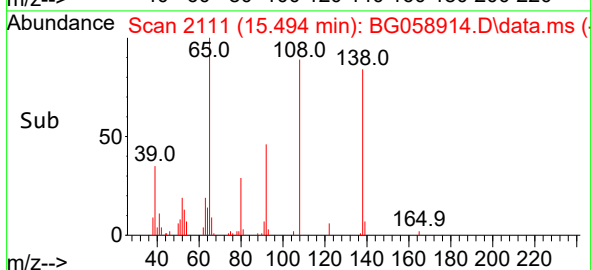
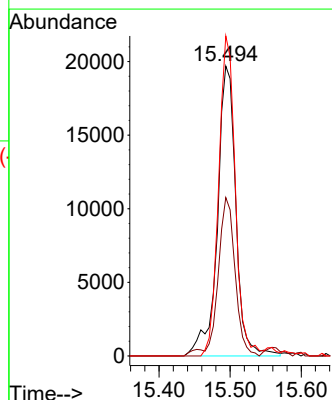
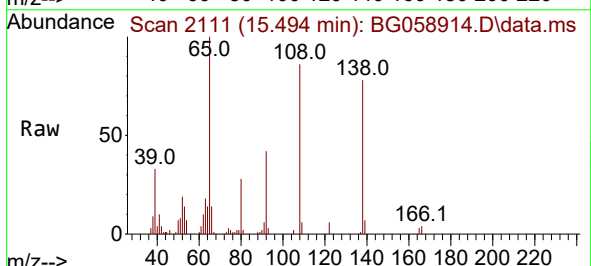
Manual Integrations
APPROVED

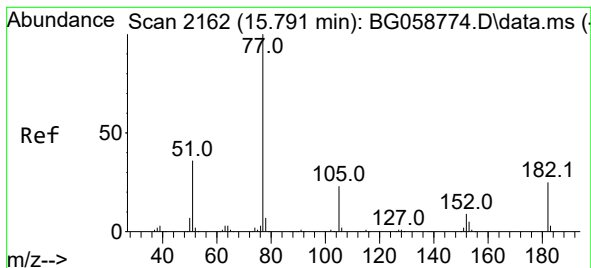
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#62
4-Nitroaniline
Concen: 41.473 ng
RT: 15.494 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

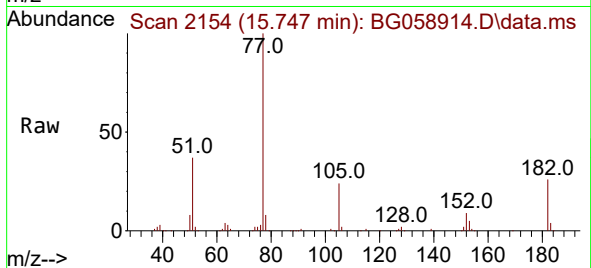
Tgt Ion:138 Resp: 35437
Ion Ratio Lower Upper
138 100
92 54.6 36.4 76.4
108 110.4 72.2 112.2





#63
Azobenzene
Concen: 42.192 ng
RT: 15.747 min Scan# 2162
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

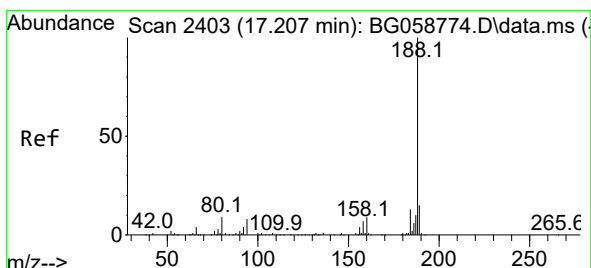
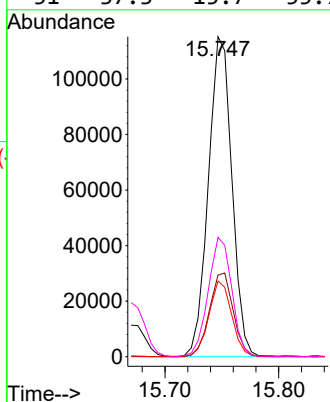
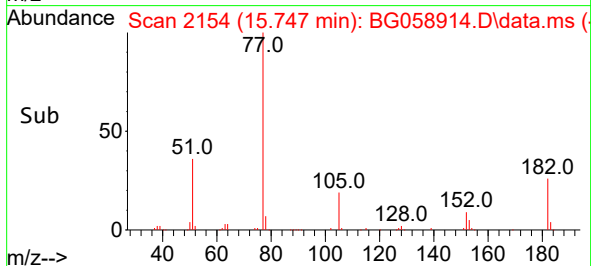
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



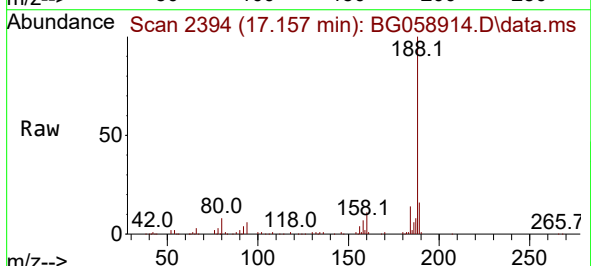
Tgt Ion: 77 Resp: 16598
Ion Ratio Lower Upper
77 100
182 25.5 4.9 44.9
105 23.7 2.8 42.8
51 37.3 15.7 55.7

Manual Integrations
APPROVED

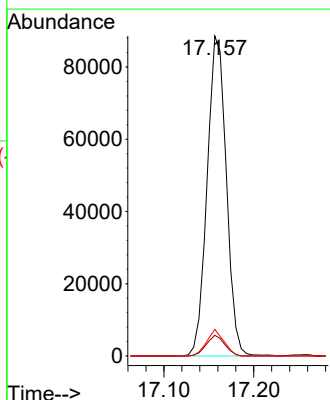
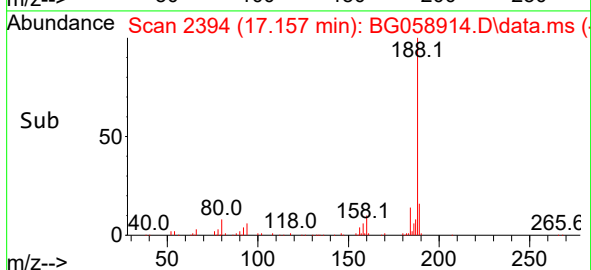
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

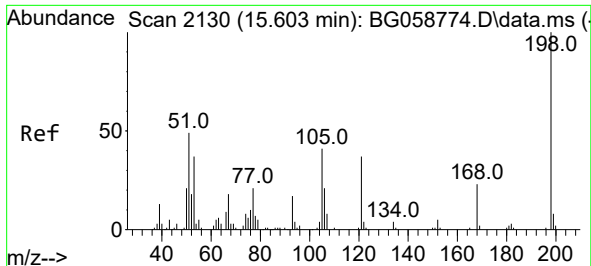


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



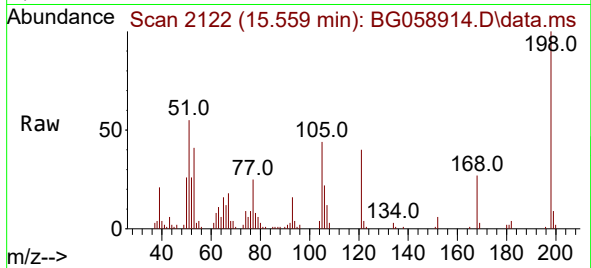
Tgt Ion:188 Resp: 131612
Ion Ratio Lower Upper
188 100
94 6.5 6.1 9.1
80 8.3 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 41.501 ng
RT: 15.559 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

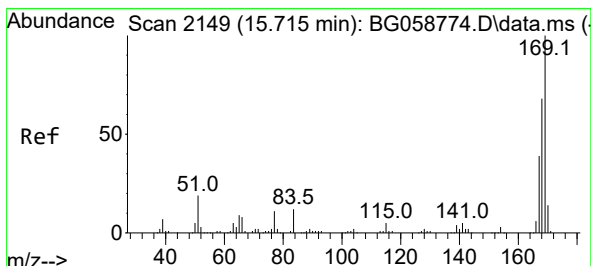
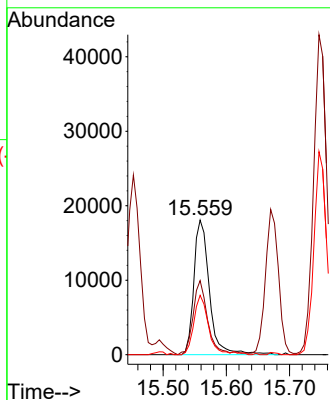
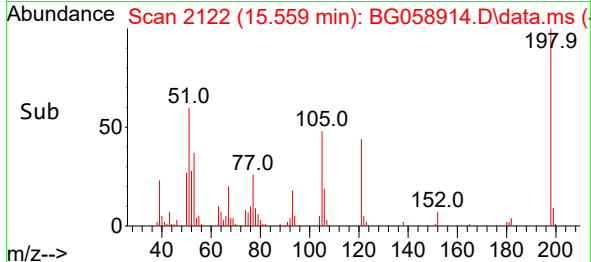
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



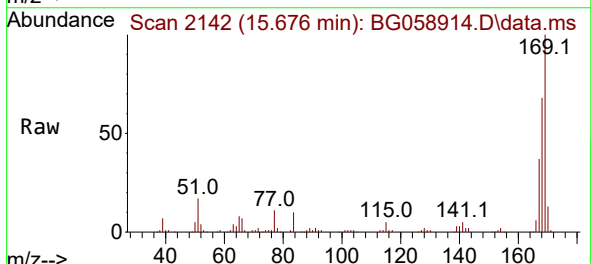
Tgt Ion:198 Resp: 30874
Ion Ratio Lower Upper
198 100
51 55.1 31.3 71.3
105 44.2 20.7 60.7

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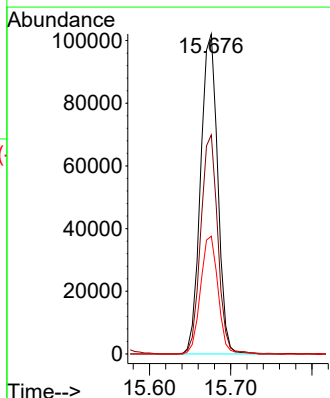
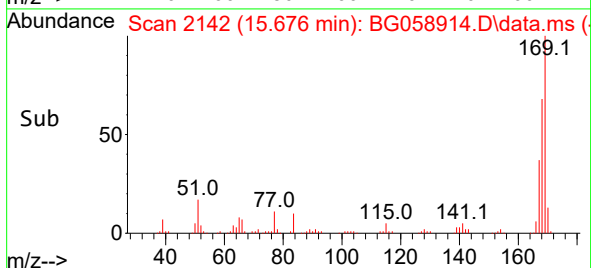
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

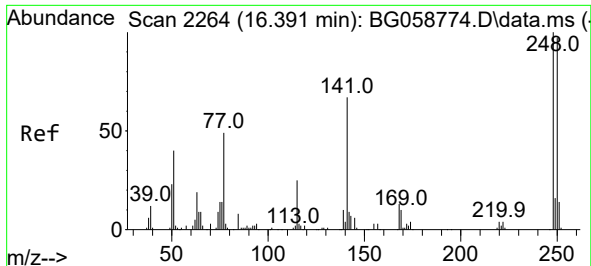


#66
n-Nitrosodiphenylamine
Concen: 43.971 ng
RT: 15.676 min Scan# 2142
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



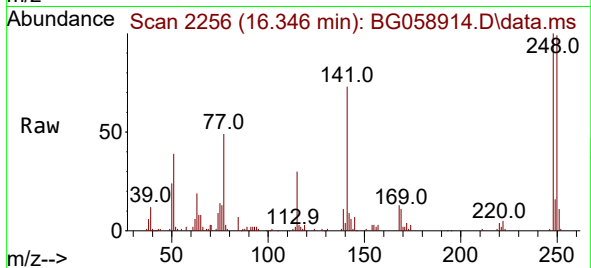
Tgt Ion:169 Resp: 149154
Ion Ratio Lower Upper
169 100
168 68.4 54.4 81.6
167 36.8 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 46.362 ng
RT: 16.346 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

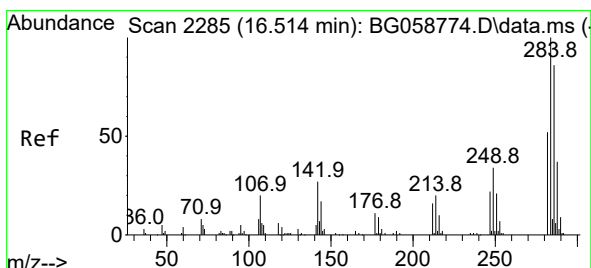
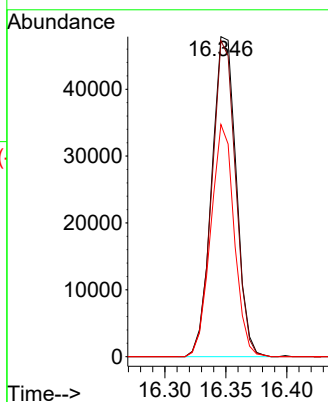
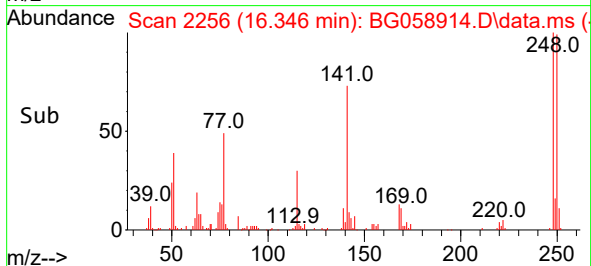
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



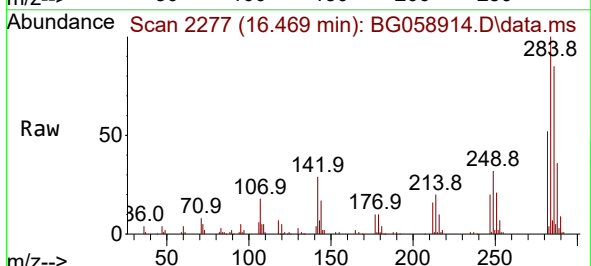
Tgt Ion:248 Resp: 66958
Ion Ratio Lower Upper
248 100
250 98.7 77.7 116.5
141 72.5 53.6 80.4

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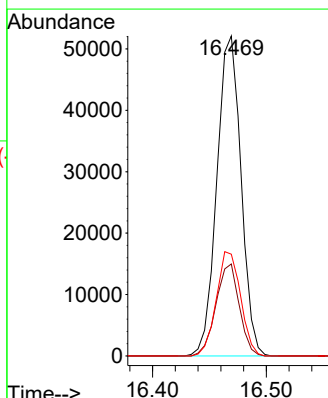
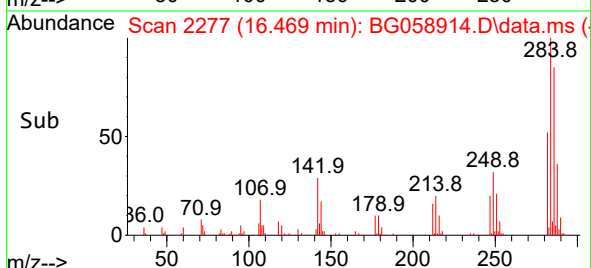
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

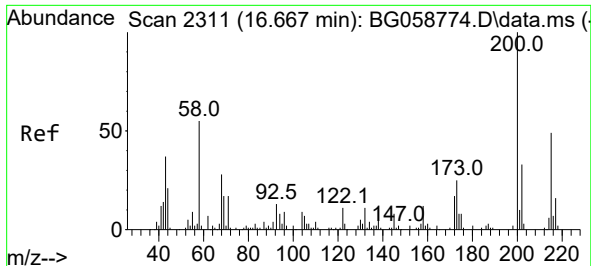


#68
Hexachlorobenzene
Concen: 49.463 ng
RT: 16.469 min Scan# 2277
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



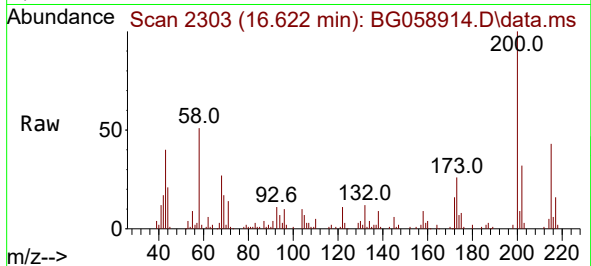
Tgt Ion:284 Resp: 76884
Ion Ratio Lower Upper
284 100
142 28.7 22.0 33.0
249 31.8 27.2 40.8





#69
 Atrazine
 Concen: 35.281 ng
 RT: 16.622 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG058914.D
 Acq: 31 Aug 2023 3:38

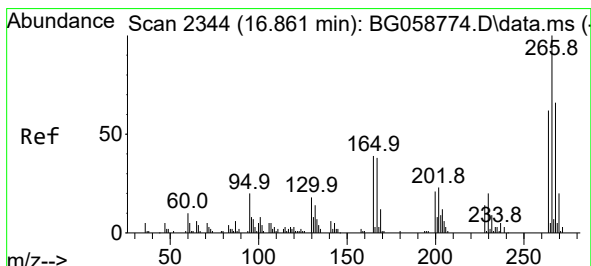
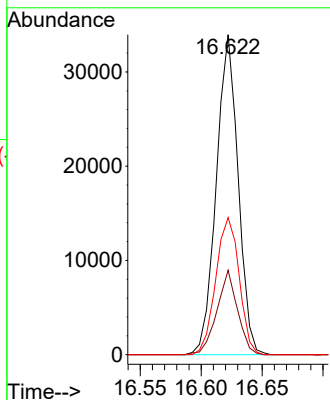
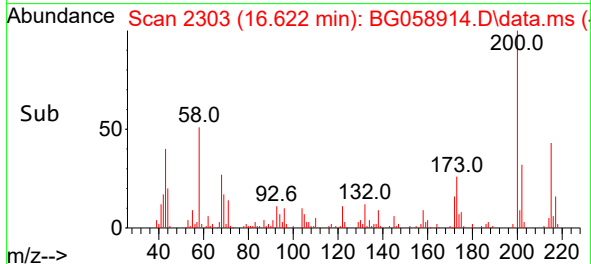
Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01MSD



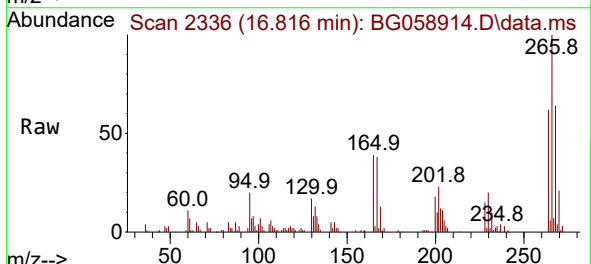
Tgt Ion:200 Resp: 42354
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.3 45.3
 215 42.9 29.4 69.4

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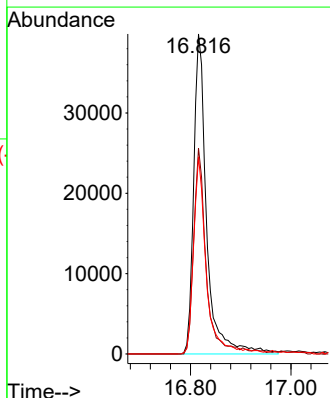
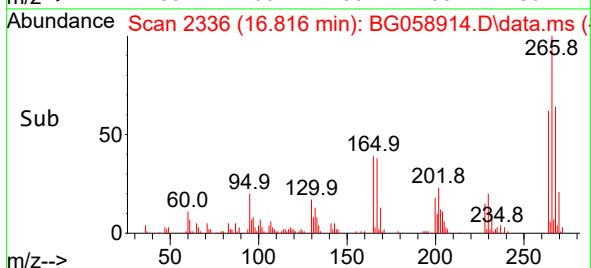
Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023

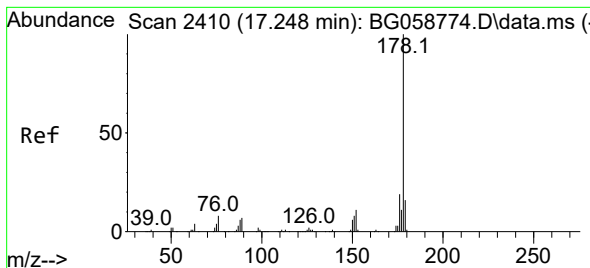


#70
 Pentachlorophenol
 Concen: 87.810 ng
 RT: 16.816 min Scan# 2336
 Delta R.T. -0.009 min
 Lab File: BG058914.D
 Acq: 31 Aug 2023 3:38



Tgt Ion:266 Resp: 71571
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.7 79.1
 264 61.6 49.5 74.3





#71

Phenanthrene

Concen: 43.904 ng

RT: 17.204 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD

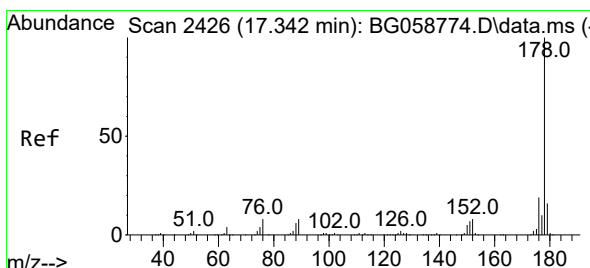
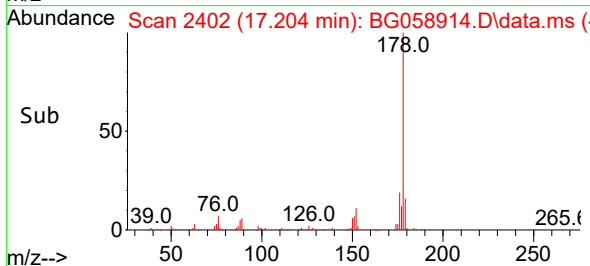
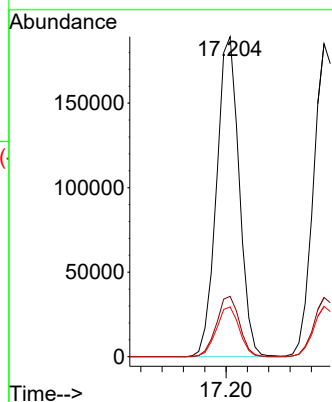
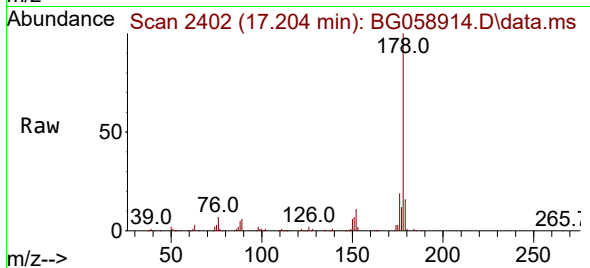
Tgt Ion:178 Resp: 277395
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 15.5 13.0 19.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#72

Anthracene

Concen: 43.874 ng

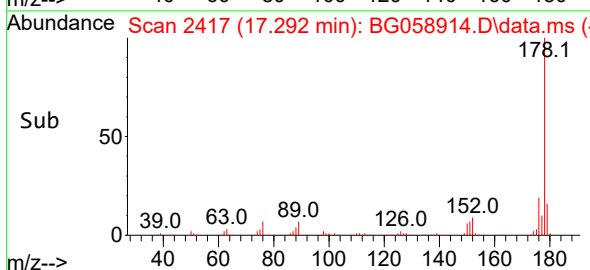
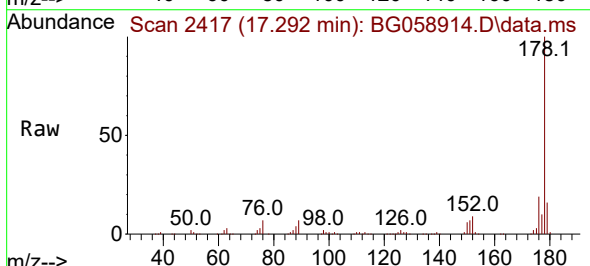
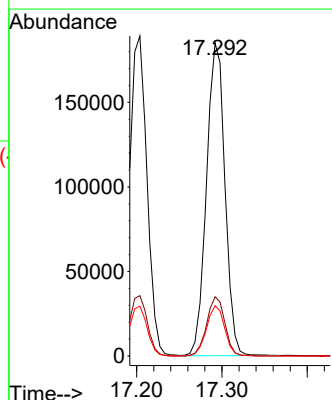
RT: 17.292 min Scan# 2417

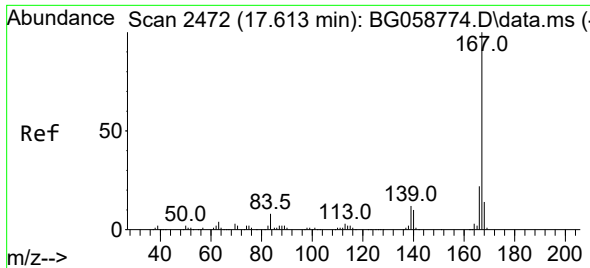
Delta R.T. -0.009 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

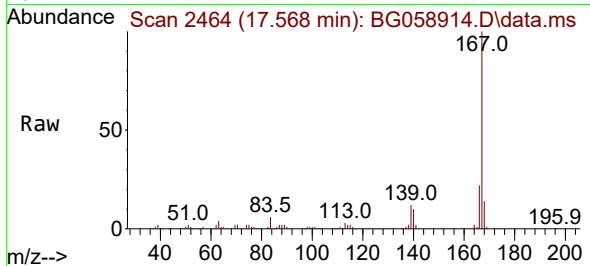
Tgt Ion:178 Resp: 278027
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.1 12.9 19.3





#73
 Carbazole
 Concen: 43.134 ng
 RT: 17.568 min Scan# 2472
 Delta R.T. -0.003 min
 Lab File: BG058914.D
 Acq: 31 Aug 2023 3:38

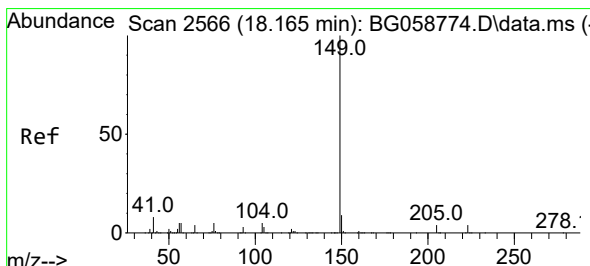
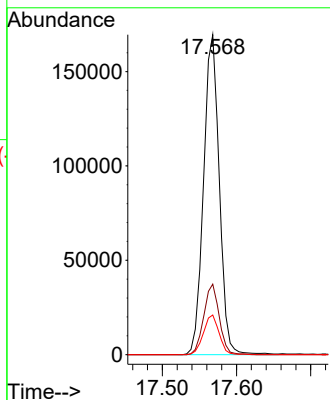
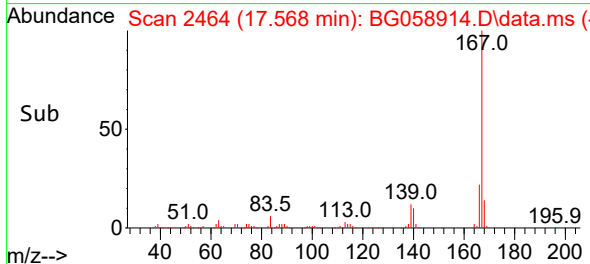
Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01MSD



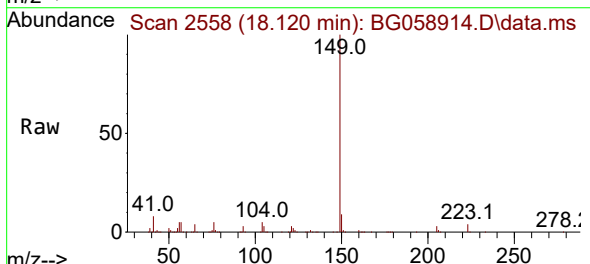
Tgt Ion:167 Resp: 250307
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 12.4 9.7 14.5

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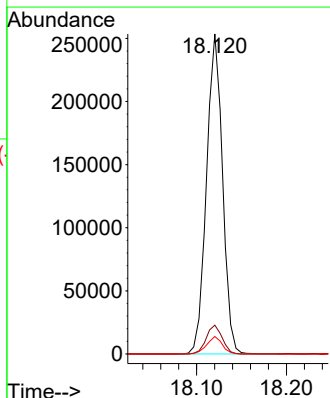
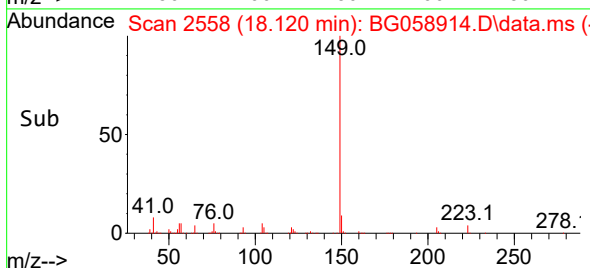
Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023

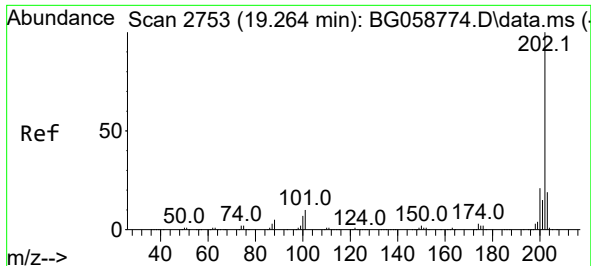


#74
 Di-n-butylphthalate
 Concen: 42.889 ng
 RT: 18.120 min Scan# 2558
 Delta R.T. -0.003 min
 Lab File: BG058914.D
 Acq: 31 Aug 2023 3:38



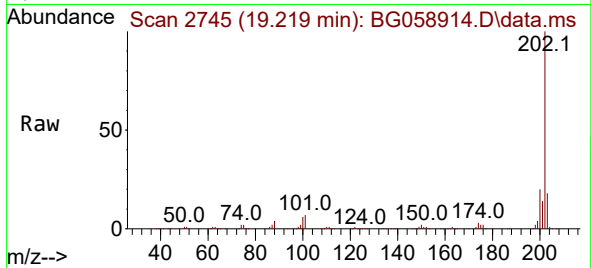
Tgt Ion:149 Resp: 313966
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 42.331 ng
RT: 19.219 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

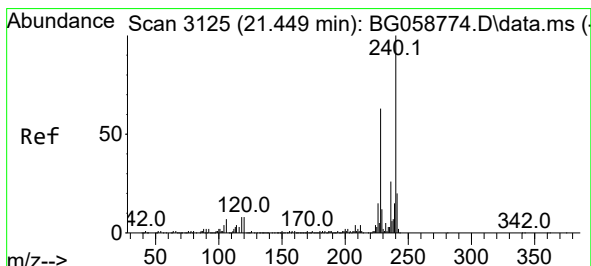
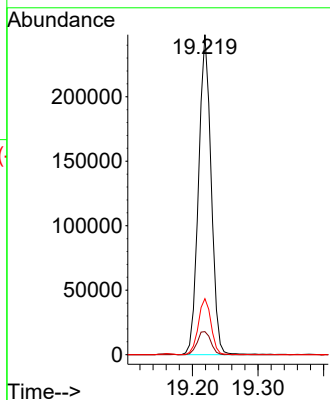
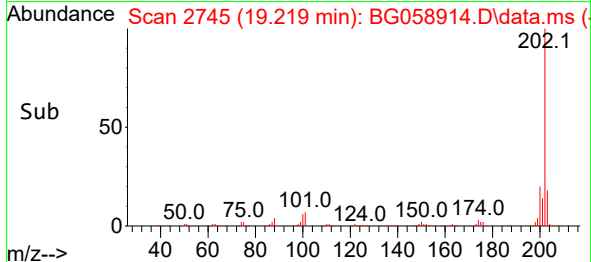
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:202 Resp: 33167
Ion Ratio Lower Upper
202 100
101 7.2 0.0 29.7
203 17.5 0.0 38.7

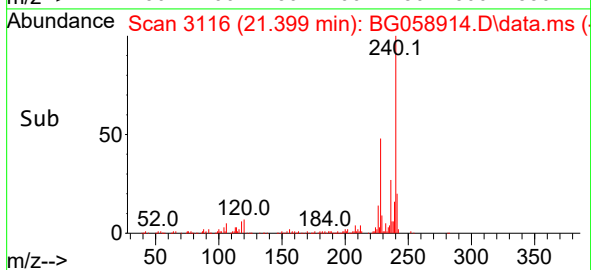
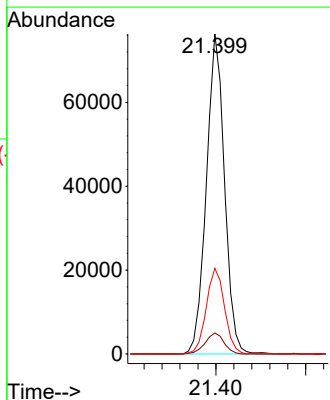
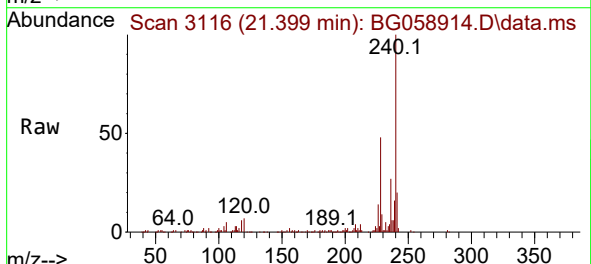
Manual Integrations
APPROVED

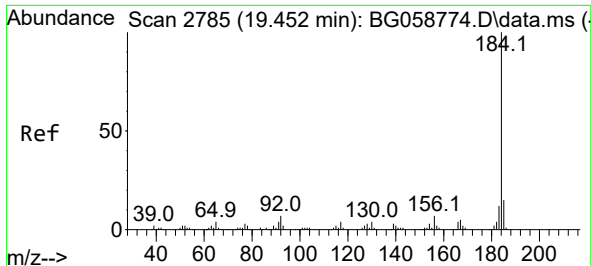
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.399 min Scan# 3116
Delta R.T. -0.009 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

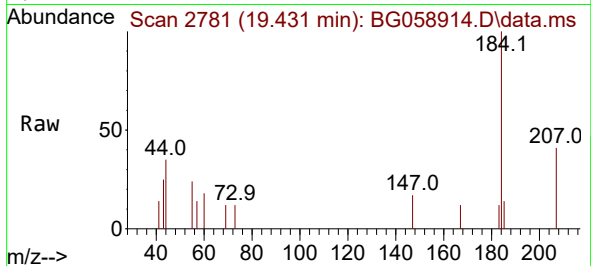
Tgt Ion:240 Resp: 106983
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.2
236 26.7 20.5 30.7





#77
Benzidine
Concen: 5.297 ng m
RT: 19.431 min Scan# 21
Delta R.T. 0.021 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

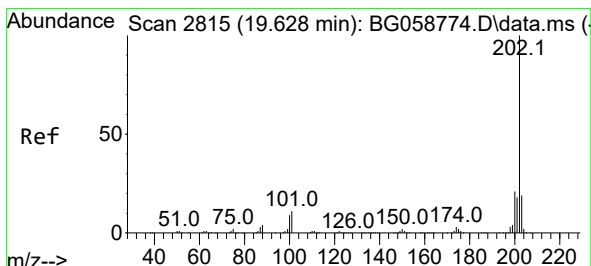
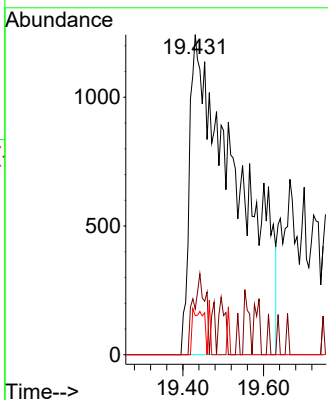
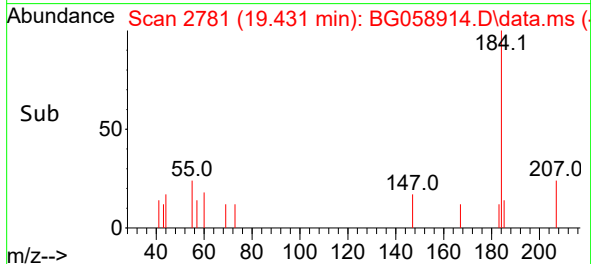
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



Tgt Ion:184 Resp: 1015
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 12.2 10.0 15.0

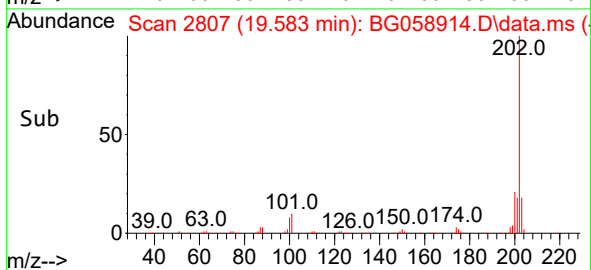
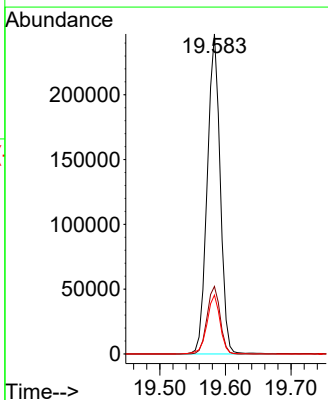
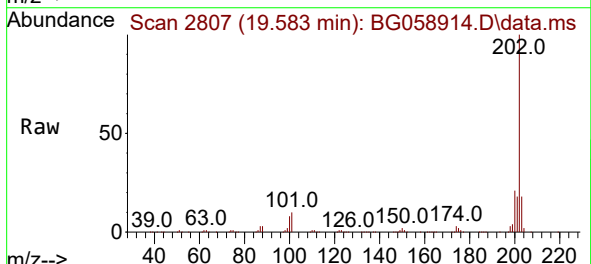
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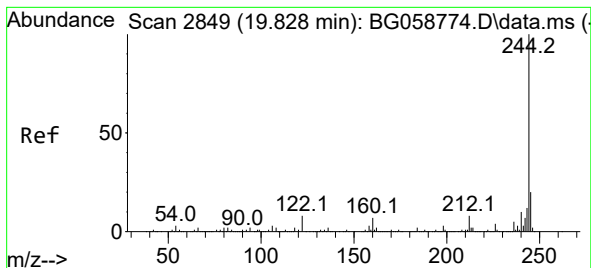
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023



#78
Pyrene
Concen: 45.304 ng
RT: 19.583 min Scan# 2807
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

Tgt Ion:202 Resp: 337707
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 18.4 15.3 22.9





#79

Terphenyl-d14

Concen: 101.277 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG058914.D

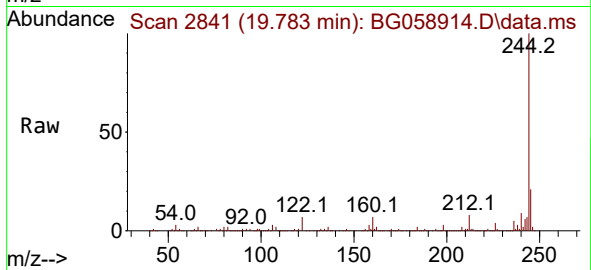
Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD



Tgt Ion:244 Resp: 603418

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

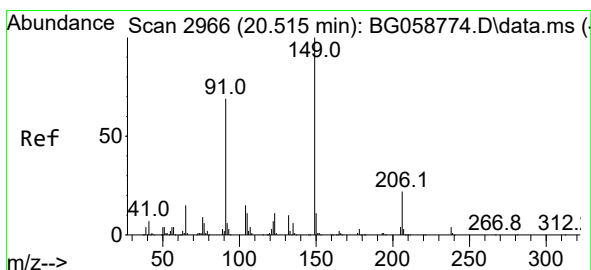
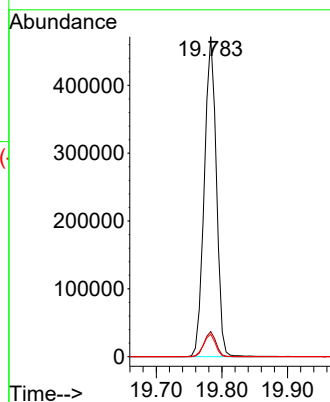
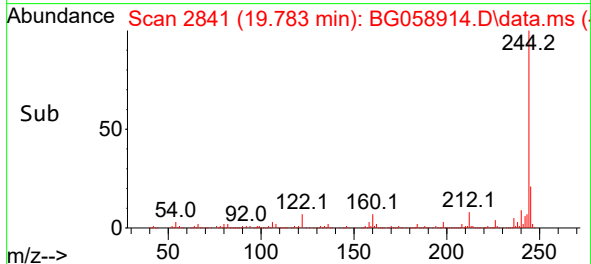
122 7.0 6.3 9.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#80

Butylbenzylphthalate

Concen: 46.354 ng

RT: 20.470 min Scan# 2958

Delta R.T. -0.003 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

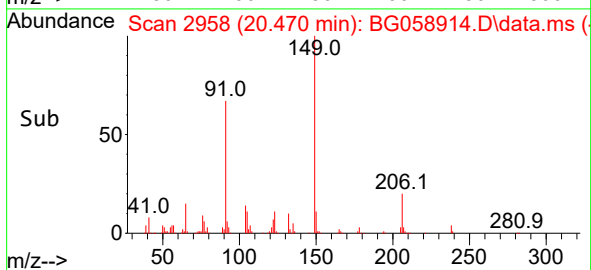
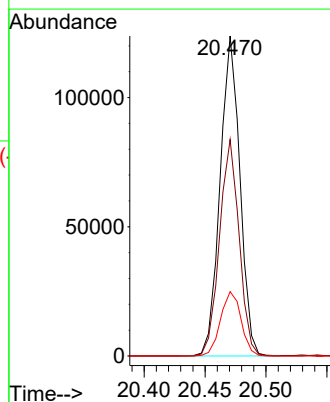
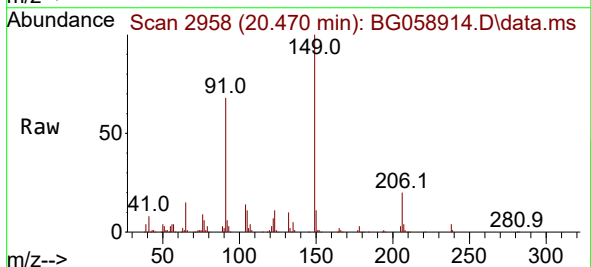
Tgt Ion:149 Resp: 140137

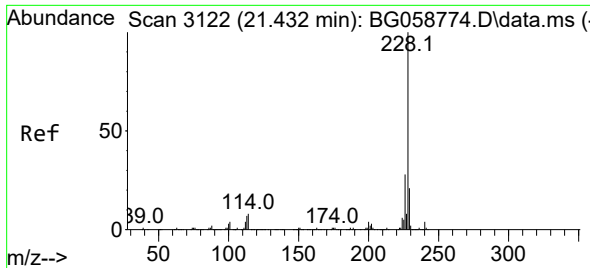
Ion Ratio Lower Upper

149 100

91 67.7 55.0 82.4

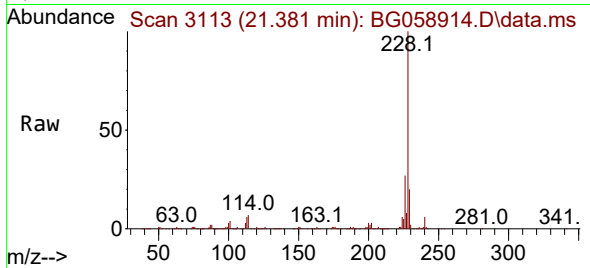
206 20.1 17.6 26.4





#81
Benzo(a)anthracene
Concen: 44.554 ng
RT: 21.381 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

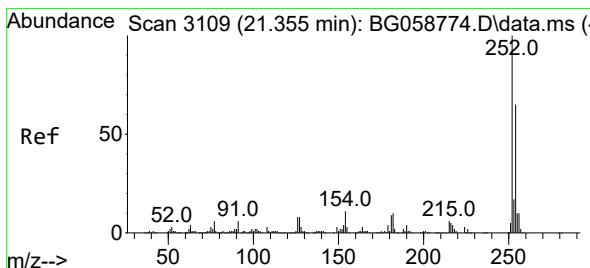
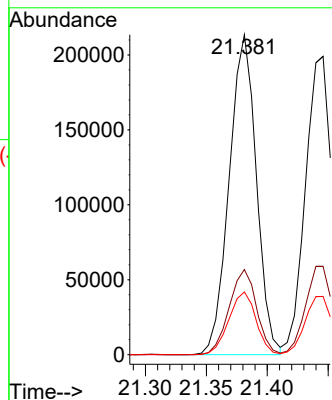
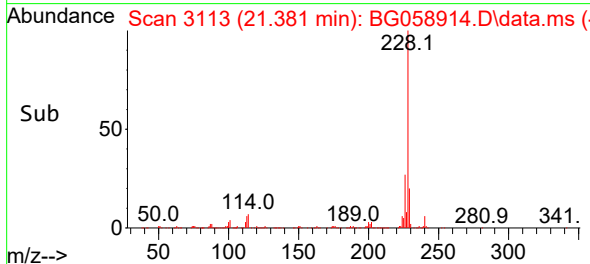
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



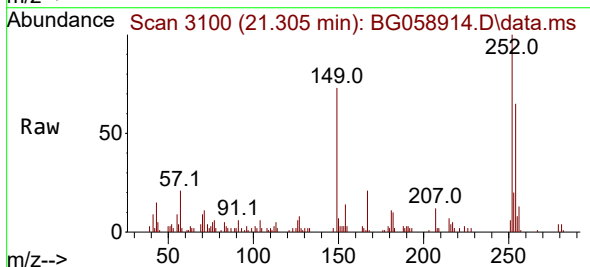
Tgt Ion:228 Resp: 331798
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 19.6 16.8 25.2

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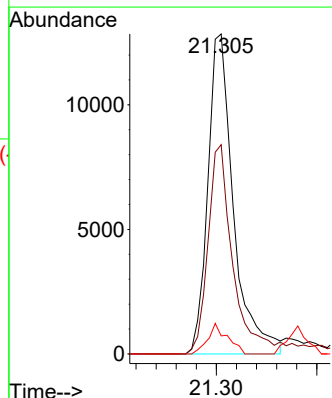
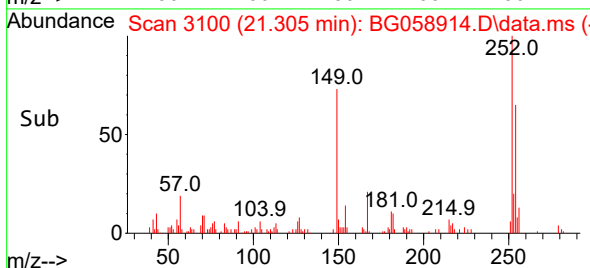
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

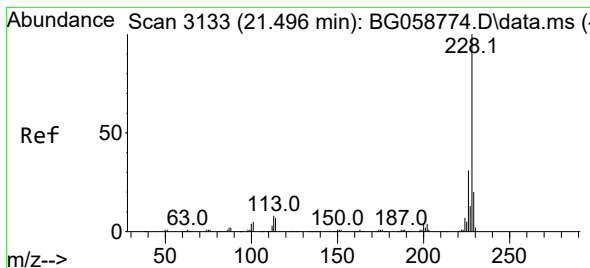


#82
3,3'-Dichlorobenzidine
Concen: 8.870 ng
RT: 21.305 min Scan# 3100
Delta R.T. -0.003 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



Tgt Ion:252 Resp: 22806
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.6
126 5.6 6.6 9.8





#83

Chrysene

Concen: 42.687 ng

RT: 21.446 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058914.D

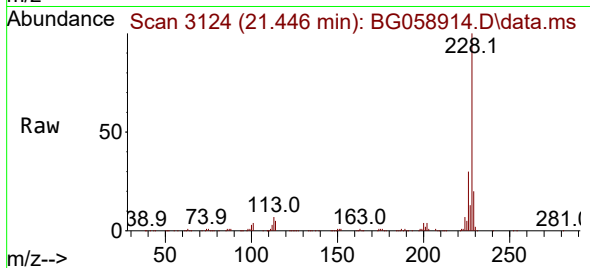
Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD



Tgt Ion:228 Resp: 306400

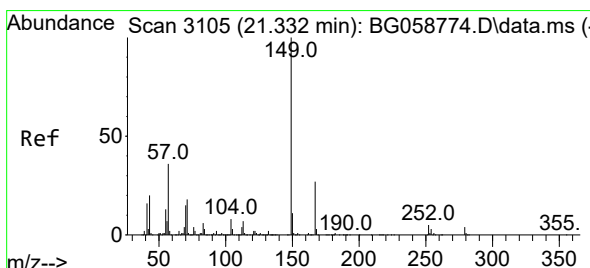
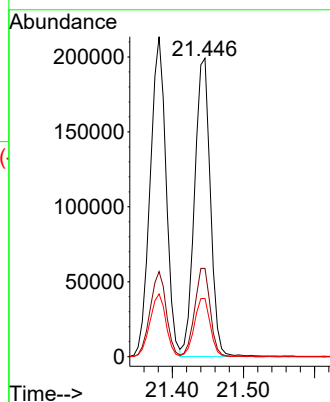
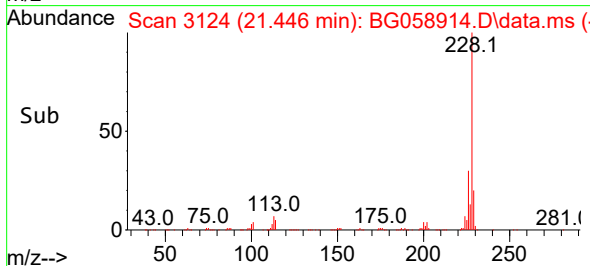
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	19.5	16.3	24.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.491 ng

RT: 21.287 min Scan# 3097

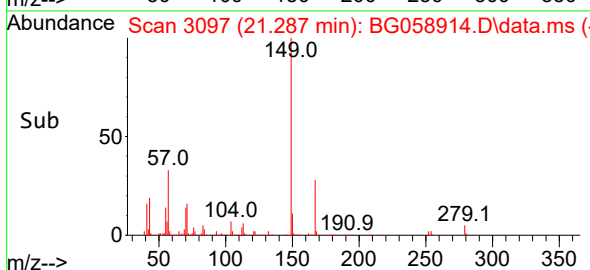
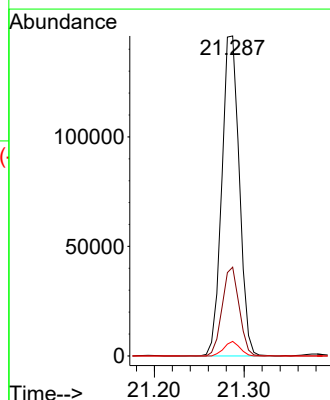
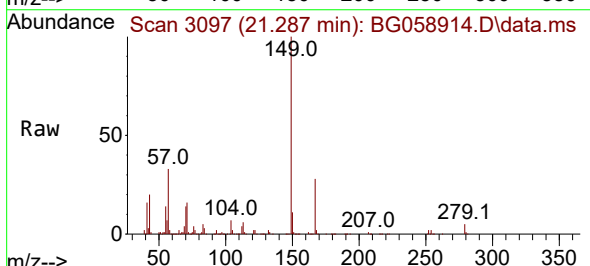
Delta R.T. -0.003 min

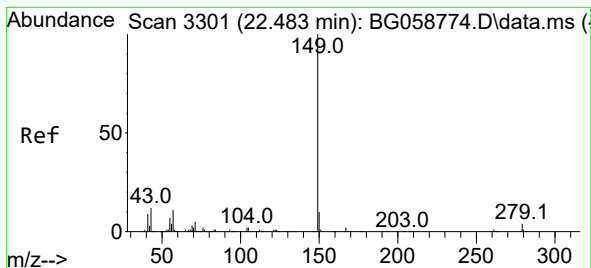
Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Tgt Ion:149 Resp: 197273

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.7	32.5
279	4.5	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 45.044 ng

RT: 22.421 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD

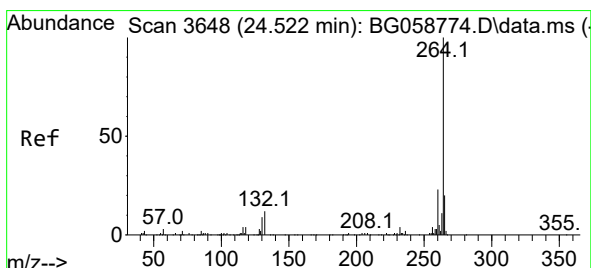
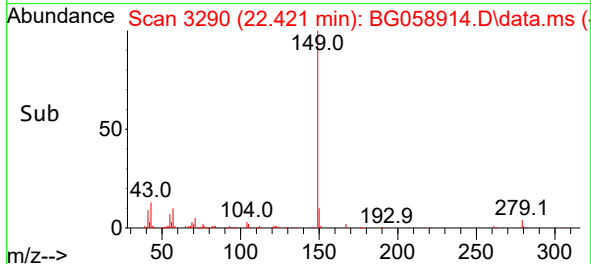
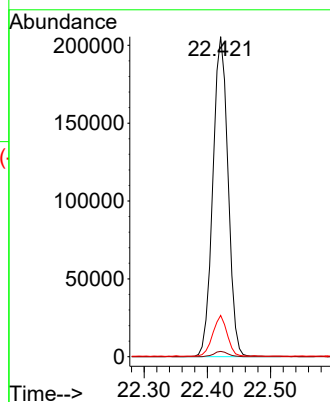
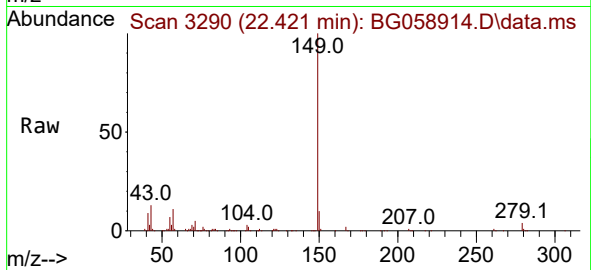
Tgt Ion:149 Resp: 343530
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 9.7 14.5

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

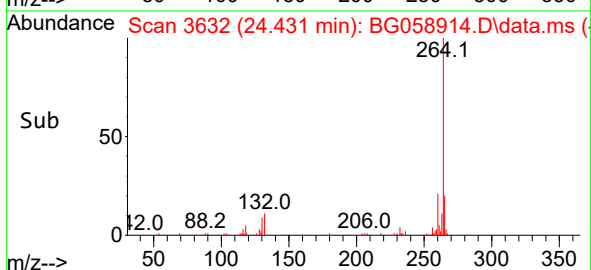
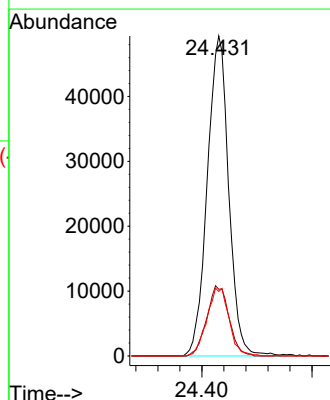
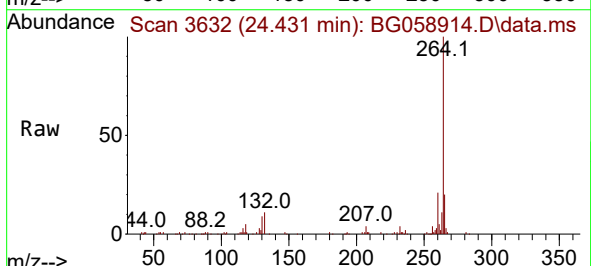
RT: 24.431 min Scan# 3632

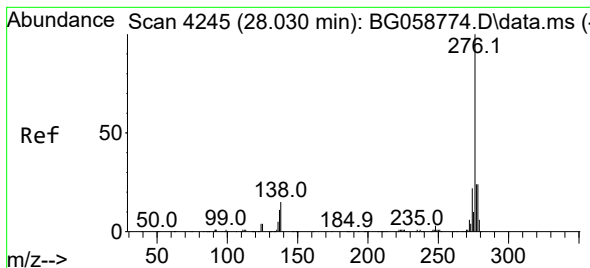
Delta R.T. -0.009 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Tgt Ion:264 Resp: 133279
 Ion Ratio Lower Upper
 264 100
 260 20.8 18.2 27.2
 265 20.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.791 ng

RT: 27.885 min Scan# 41

Delta R.T. -0.032 min

Lab File: BG058914.D

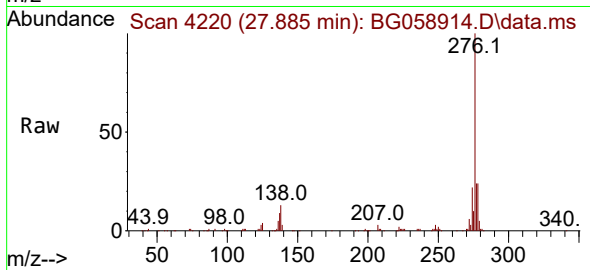
Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD



Tgt Ion:276 Resp: 38585

Ion Ratio Lower Upper

276 100

138 6.5 6.2 9.2

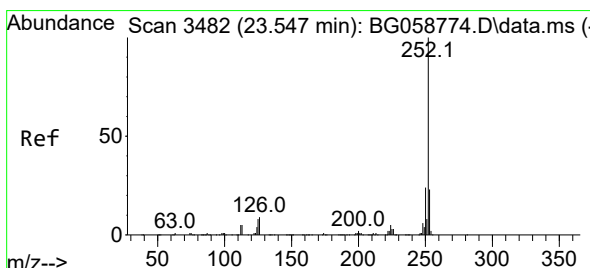
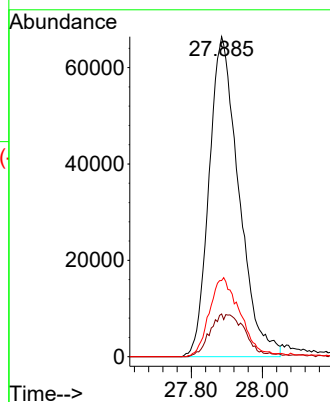
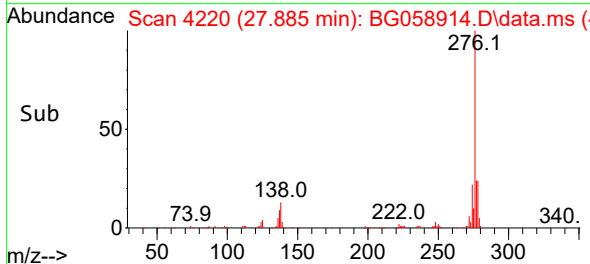
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/31/2023

Supervised By :mohammad ahmed 09/01/2023



#88

Benzo(b)fluoranthene

Concen: 47.198 ng

RT: 23.467 min Scan# 3468

Delta R.T. -0.015 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

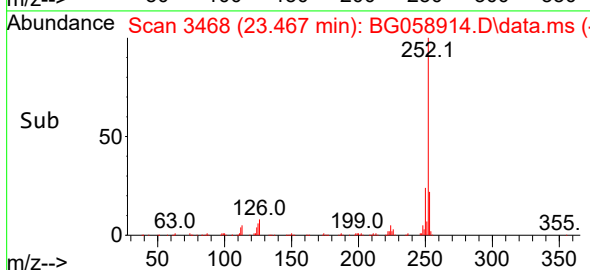
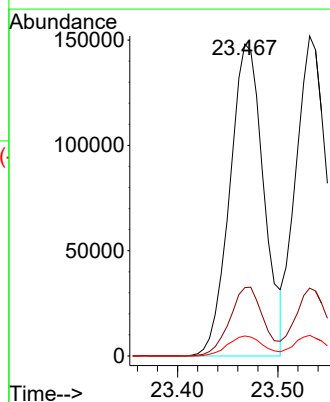
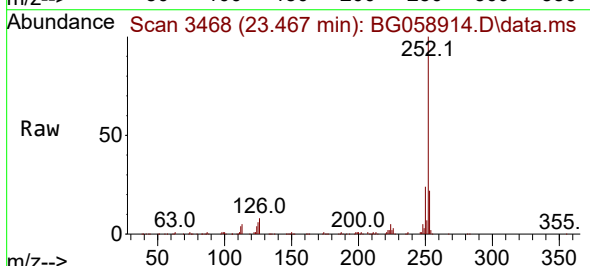
Tgt Ion:252 Resp: 349031

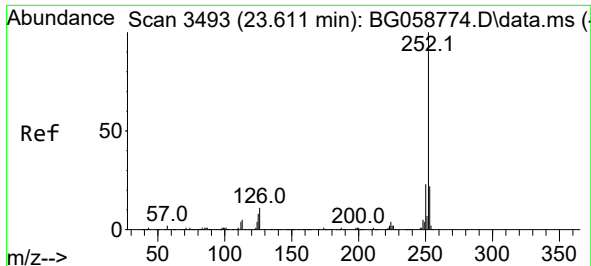
Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 6.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 42.659 ng

RT: 23.532 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-01MSD

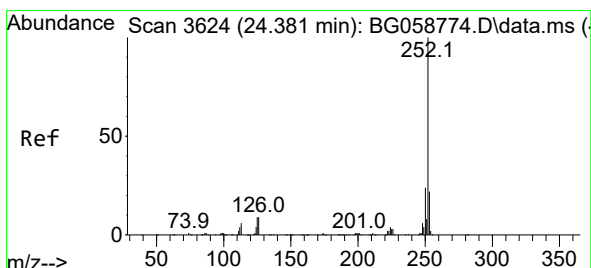
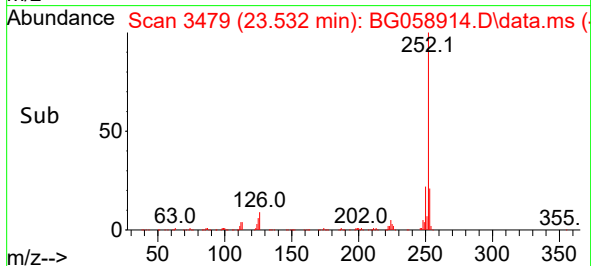
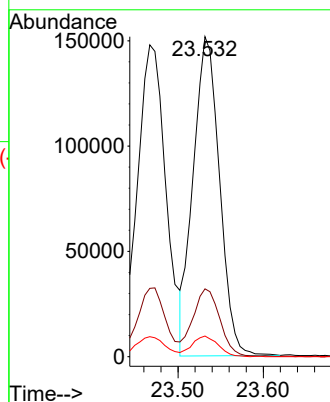
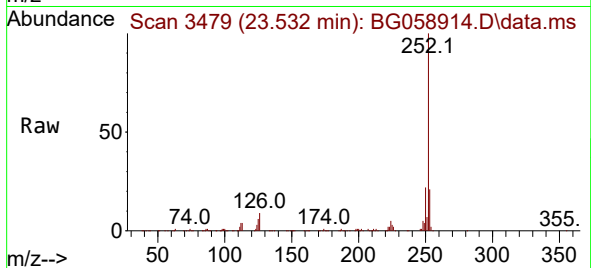
Tgt Ion:252 Resp: 32534
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.6 26.4
 125 6.4 6.3 9.5

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: 41.652 ng

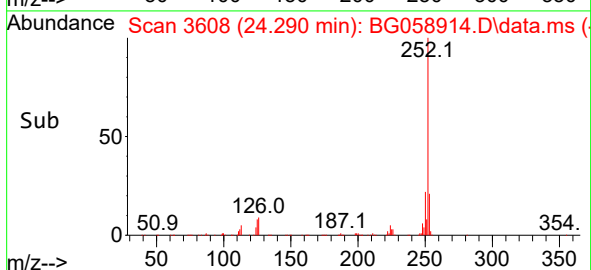
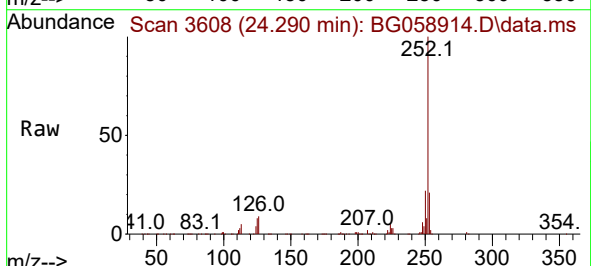
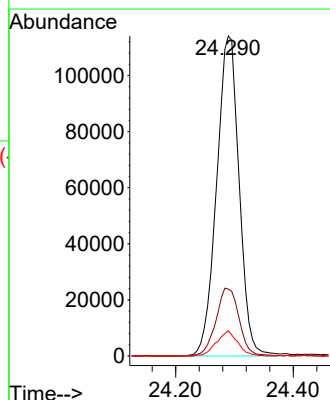
RT: 24.290 min Scan# 3608

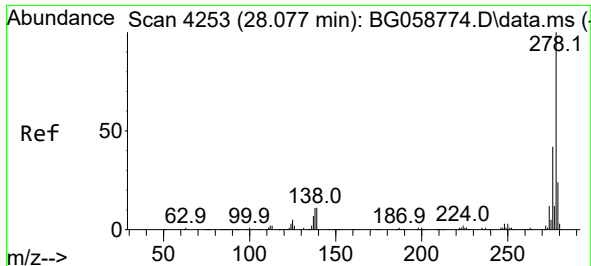
Delta R.T. -0.015 min

Lab File: BG058914.D

Acq: 31 Aug 2023 3:38

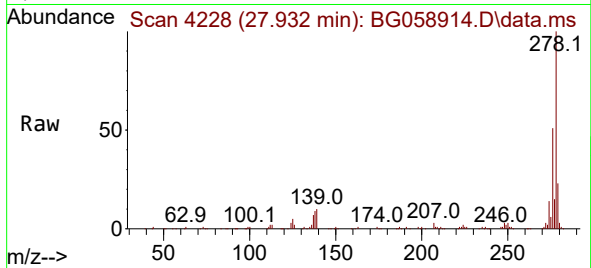
Tgt Ion:252 Resp: 303288
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.5 26.3
 125 7.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 42.765 ng
RT: 27.932 min Scan# 41
Delta R.T. -0.032 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38

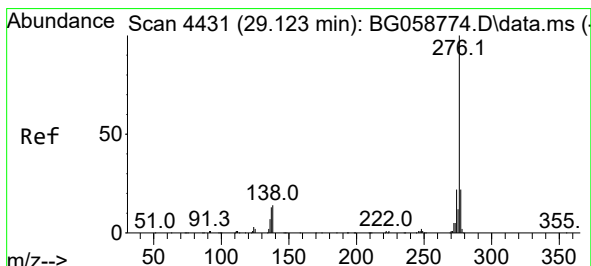
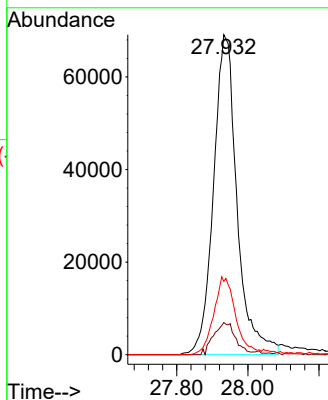
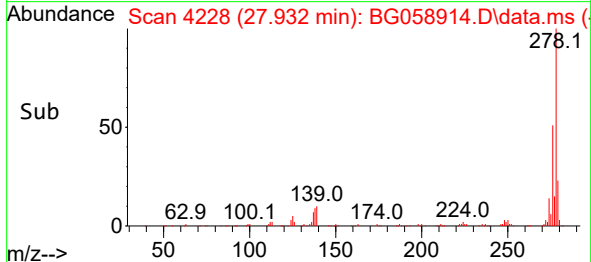
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD



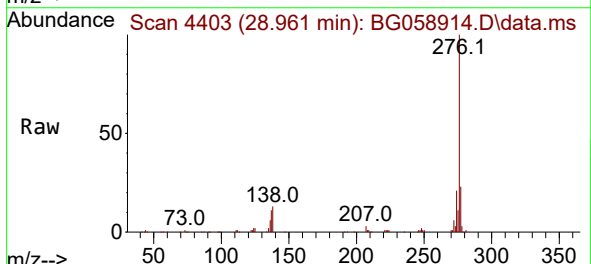
Tgt Ion:278 Resp: 316870
Ion Ratio Lower Upper
278 100
139 10.0 8.9 13.3
279 22.9 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.335 ng
RT: 28.961 min Scan# 4403
Delta R.T. -0.026 min
Lab File: BG058914.D
Acq: 31 Aug 2023 3:38



Tgt Ion:276 Resp: 313629
Ion Ratio Lower Upper
276 100
277 23.2 17.8 26.6
138 12.5 11.1 16.7

