

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058613.D
 Acq On : 4 Aug 2023 16:09
 Operator : MA/JU
 Sample : 03657-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/07/2023
 Supervised By :mohammad
 ahmed

Quant Time: Aug 04 16:57:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	52087	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	228037	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	161904	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	364082	20.000	ng	0.00
76) Chrysene-d12	21.451	240	311635	20.000	ng	0.00
86) Perylene-d12	24.518	264	407562	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	354464	104.015	ng	0.00
7) Phenol-d6	6.986	99	490184	103.372	ng	0.00
23) Nitrobenzene-d5	8.978	82	299820	64.589	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	245300	92.436	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	668380	61.866	ng	0.00
79) Terphenyl-d14	19.824	244	1142842	68.964	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.261	88	57199	34.638	ng 98
3) Pyridine	3.661	79	144604	32.119	ng 99
4) n-Nitrosodimethylamine	3.578	42	79101	41.467	ng 96
6) Aniline	7.139	93	142473	24.403	ng 99
8) 2-Chlorophenol	7.380	128	172221	51.515	ng 98
9) Benzaldehyde	6.951	77	97303	37.769	ng 97
10) Phenol	7.015	94	236345	51.023	ng 97
11) bis(2-Chloroethyl)ether	7.233	93	160994	44.086	ng 96
12) 1,3-Dichlorobenzene	7.703	146	167059	46.797	ng 100
13) 1,4-Dichlorobenzene	7.850	146	169106	47.178	ng 97
14) 1,2-Dichlorobenzene	8.161	146	165428	48.272	ng 99
15) Benzyl Alcohol	8.055	79	161686	53.766	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.337	45	279536	47.124	ng 99
17) 2-Methylphenol	8.261	107	159205	47.006	ng 98
18) Hexachloroethane	8.890	117	62707	48.131	ng 95
19) n-Nitroso-di-n-propyla...	8.619	70	134527	43.921	ng 98
20) 3+4-Methylphenols	8.590	107	220261	48.078	ng 99
22) Acetophenone	8.637	105	264532	43.324	ng 99
24) Nitrobenzene	9.019	77	204536	43.342	ng 97
25) Isophorone	9.536	82	398575	41.557	ng 99
26) 2-Nitrophenol	9.730	139	94978	46.235	ng 99
27) 2,4-Dimethylphenol	9.795	122	160102	46.986	ng 97
28) bis(2-Chloroethoxy)met...	10.024	93	230867	44.231	ng 99
29) 2,4-Dichlorophenol	10.270	162	173200	48.955	ng 99
30) 1,2,4-Trichlorobenzene	10.476	180	185915	45.567	ng 98
31) Naphthalene	10.664	128	532125	44.274	ng 99
32) Benzoic acid	9.947	122	109564	42.678	ng 99
33) 4-Chloroaniline	10.782	127	102878	20.259	ng 97
34) Hexachlorobutadiene	10.946	225	115557	43.979	ng 99
35) Caprolactam	11.575	113	60147m	46.038	ng
36) 4-Chloro-3-methylphenol	11.916	107	207640	47.444	ng 100
37) 2-Methylnaphthalene	12.280	142	373265	43.417	ng 98
38) 1-Methylnaphthalene	12.497	142	350214	42.853	ng 98
40) 1,2,4,5-Tetrachloroben...	12.650	216	218942	44.047	ng 99
41) Hexachlorocyclopentadiene	12.627	237	137820	61.425	ng 96
43) 2,4,6-Trichlorophenol	12.897	196	158757	46.436	ng 97

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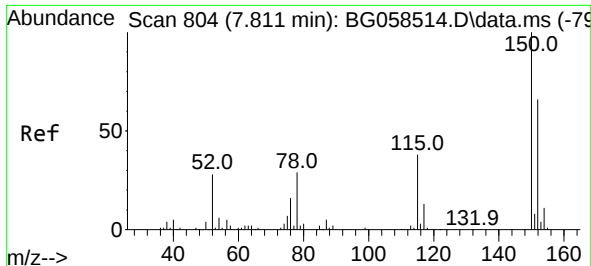
Reviewed By :Yogesh
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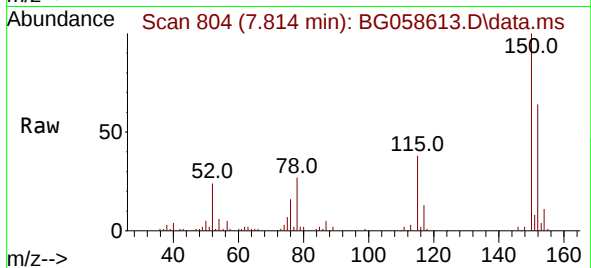
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	174219	43.264	ng	100
46) 1,1'-Biphenyl	13.290	154	483719	43.505	ng	100
47) 2-Chloronaphthalene	13.337	162	392747	45.303	ng	98
48) 2-Nitroaniline	13.549	65	150120	45.367	ng	96
49) Acenaphthylene	14.184	152	629434	43.366	ng	99
50) Dimethylphthalate	13.925	163	572648	47.095	ng	99
51) 2,6-Dinitrotoluene	14.042	165	116512	43.670	ng	96
52) Acenaphthene	14.524	154	369200	44.022	ng	98
53) 3-Nitroaniline	14.377	138	84216	31.550	ng	97
54) 2,4-Dinitrophenol	14.589	184	47121	35.884	ng	98
55) Dibenzofuran	14.859	168	618559	42.922	ng	98
56) 4-Nitrophenol	14.695	139	181116	91.087	ng	99
57) 2,4-Dinitrotoluene	14.836	165	165917	44.857	ng	98
58) Fluorene	15.511	166	487972	42.624	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.094	232	155273	45.187	ng	98
60) Diethylphthalate	15.282	149	516812	41.721	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	272250	42.655	ng	98
62) 4-Nitroaniline	15.541	138	110307	43.623	ng	98
63) Azobenzene	15.793	77	517133	42.384	ng	98
65) 4,6-Dinitro-2-methylph...	15.599	198	61712	30.741	ng	99
66) n-Nitrosodiphenylamine	15.723	169	433239	45.719	ng	98
67) 4-Bromophenyl-phenylether	16.399	248	185591	44.943	ng	97
68) Hexachlorobenzene	16.516	284	207542	47.429	ng	99
69) Atrazine	16.669	200	178028	55.653	ng	99
70) Pentachlorophenol	16.863	266	210196	79.362	ng	98
71) Phenanthrene	17.250	178	770204	44.607	ng	99
72) Anthracene	17.339	178	781733	44.124	ng	99
73) Carbazole	17.615	167	732853	46.908	ng	100
74) Di-n-butylphthalate	18.167	149	896566	45.816	ng	99
75) Fluoranthene	19.266	202	924533	44.576	ng	99
77) Benzidine	19.448	184	211159	44.684	ng	99
78) Pyrene	19.630	202	954659	45.013	ng	100
80) Butylbenzylphthalate	20.517	149	403090	46.271	ng	97
81) Benzo(a)anthracene	21.434	228	981849	45.781	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	254450	35.091	ng	100
83) Chrysene	21.498	228	911603	44.333	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	587141	46.121	ng	99
85) Di-n-octyl phthalate	22.486	149	1044202	46.654	ng	99
87) Indeno(1,2,3-cd)pyrene	28.014	276	1242542	45.827	ng	# 88
88) Benzo(b)fluoranthene	23.549	252	1036088	46.871	ng	99
89) Benzo(k)fluoranthene	23.614	252	1031498	46.449	ng	99
90) Benzo(a)pyrene	24.377	252	939522	43.278	ng	99
91) Dibenzo(a,h)anthracene	28.073	278	1024442	45.695	ng	99
92) Benzo(g,h,i)perylene	29.125	276	937160	41.687	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
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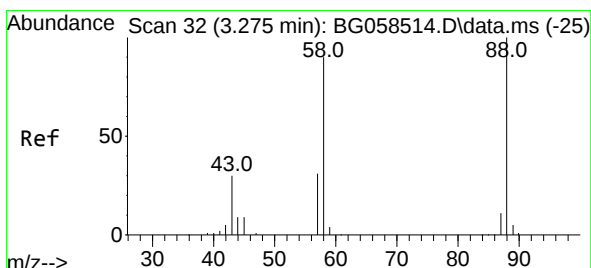
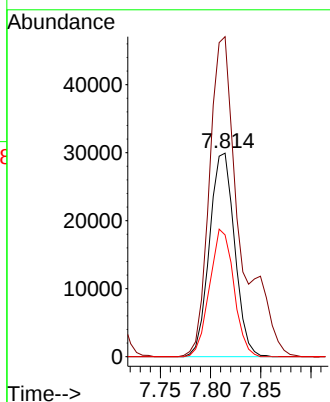
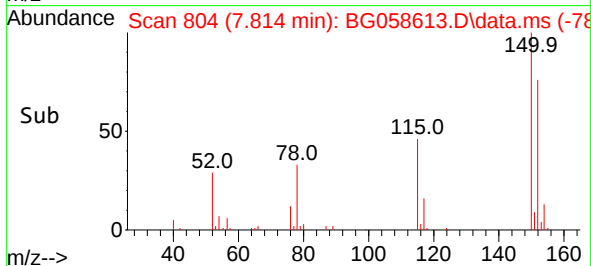
Tgt Ion:152 Resp: 5208
Ion Ratio Lower Upper
152 100
150 157.2 120.5 180.7
115 59.8 45.9 68.9

Manual Integrations
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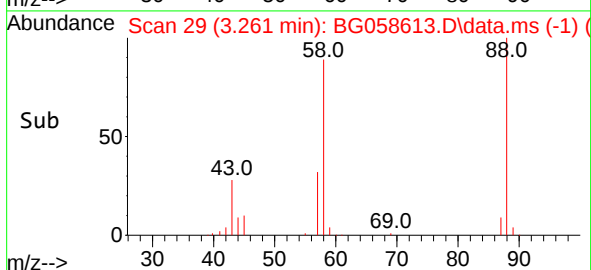
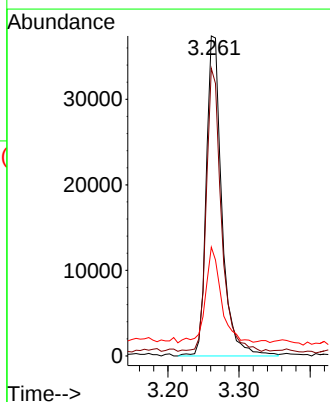
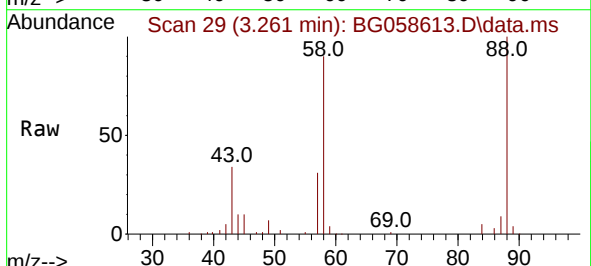
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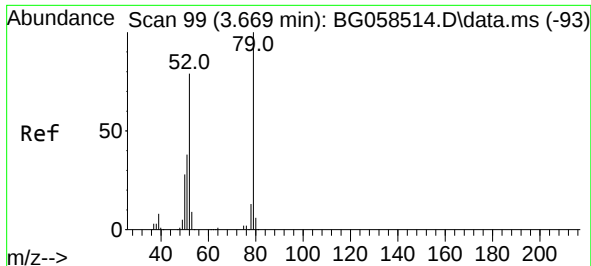
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#2
1,4-Dioxane
Concen: 34.638 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

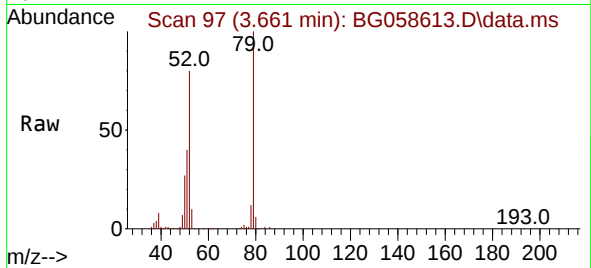
Tgt Ion: 88 Resp: 57199
Ion Ratio Lower Upper
88 100
58 84.5 68.9 103.3
43 31.1 22.9 34.3





#3
Pyridine
Concen: 32.119 ng
RT: 3.661 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

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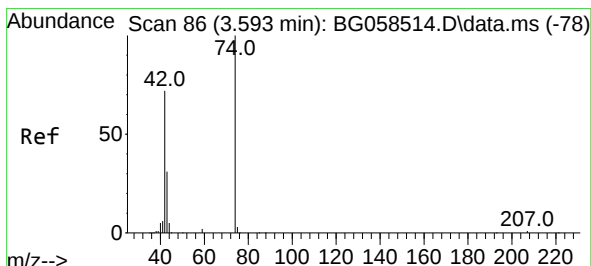
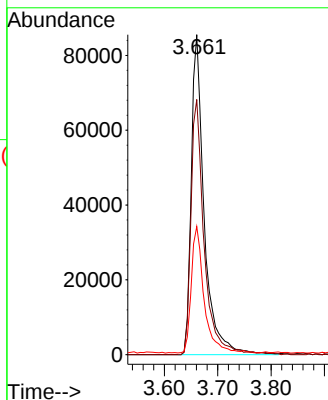
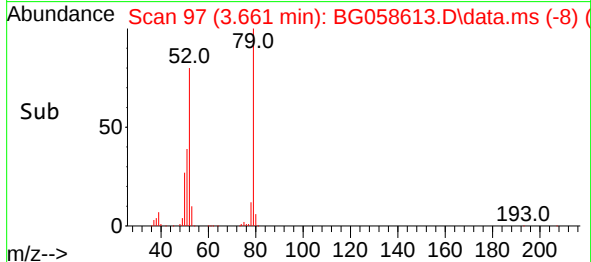
Tgt Ion: 79 Resp: 144604
Ion Ratio Lower Upper
79 100
52 79.8 63.2 94.8
51 40.1 31.9 47.9

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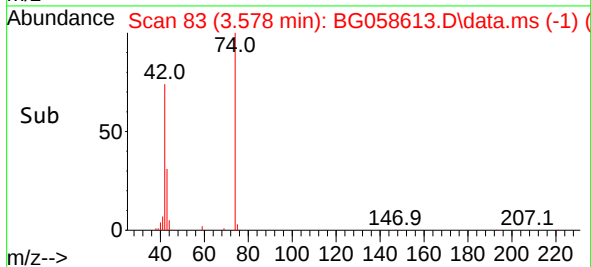
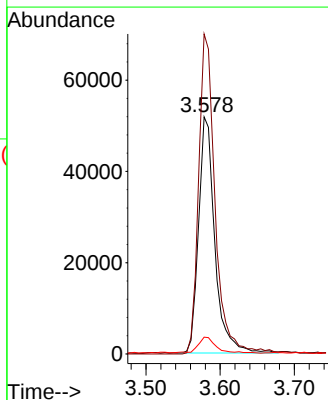
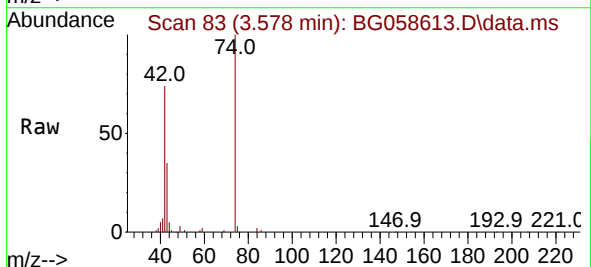
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Supervised By :mohammad
ahmed

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#4
n-Nitrosodimethylamine
Concen: 41.467 ng
RT: 3.578 min Scan# 83
Delta R.T. -0.014 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

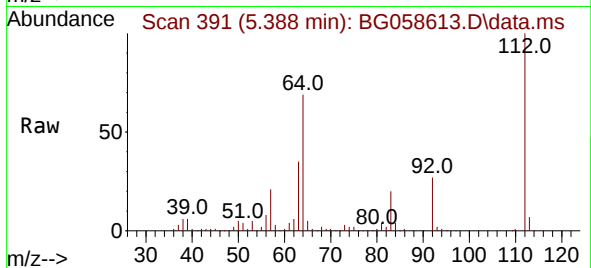
Tgt Ion: 42 Resp: 79101
Ion Ratio Lower Upper
42 100
74 134.9 111.5 167.3
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 104.015 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
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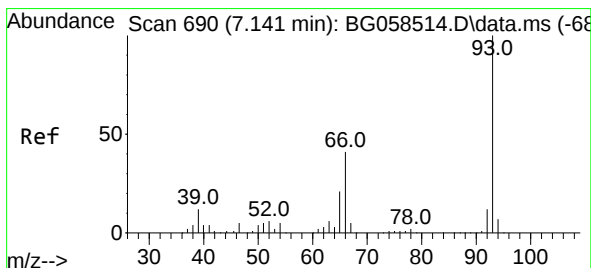
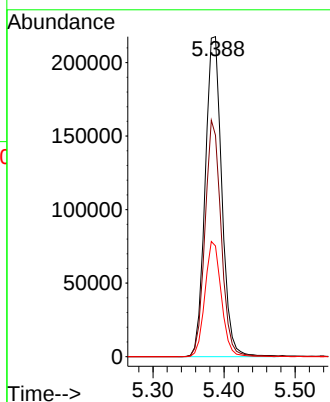
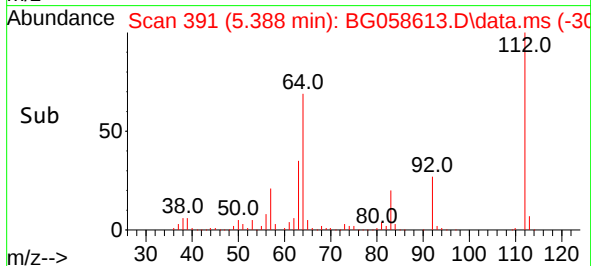
Tgt Ion: 112 Resp: 354464
Ion Ratio Lower Upper
112 100
64 69.2 55.3 82.9
63 34.6 28.3 42.5

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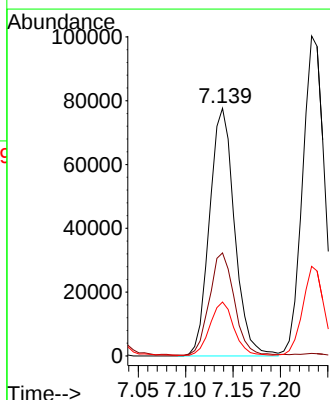
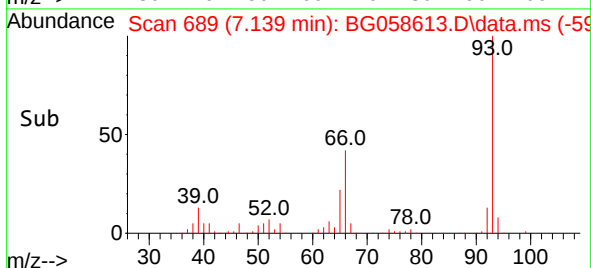
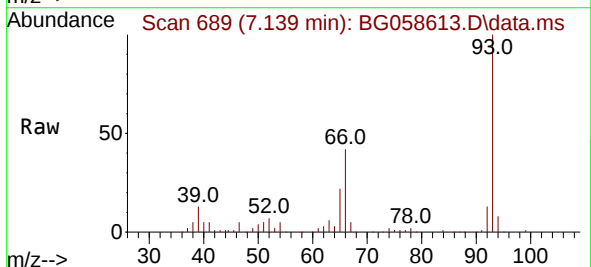
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ahmed

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#6
Aniline
Concen: 24.403 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

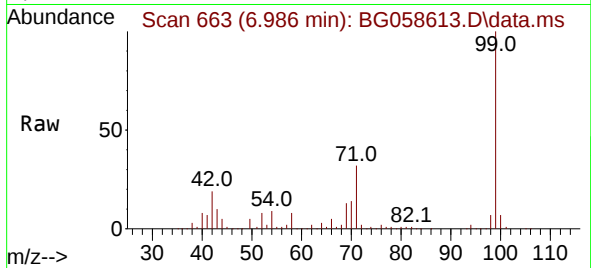
Tgt Ion: 93 Resp: 142473
Ion Ratio Lower Upper
93 100
66 41.6 33.1 49.7
65 21.8 17.0 25.4





#7
Phenol-d6
Concen: 103.372 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
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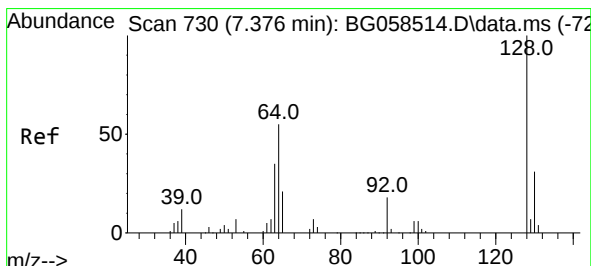
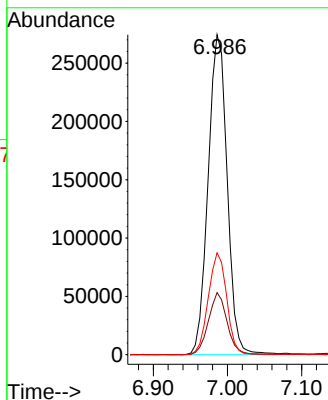
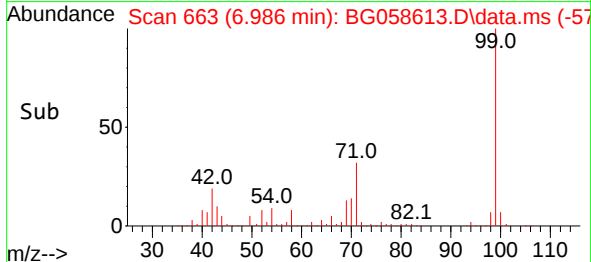
Tgt Ion: 99 Resp: 490184
Ion Ratio Lower Upper
99 100
42 19.4 14.6 21.8
71 31.8 25.0 37.4

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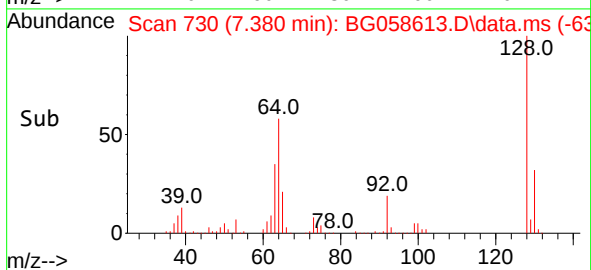
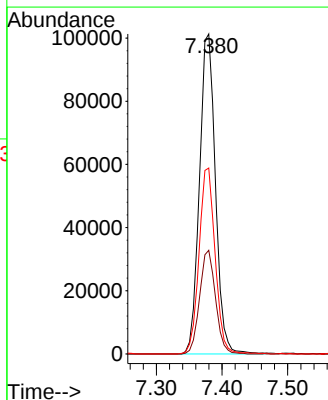
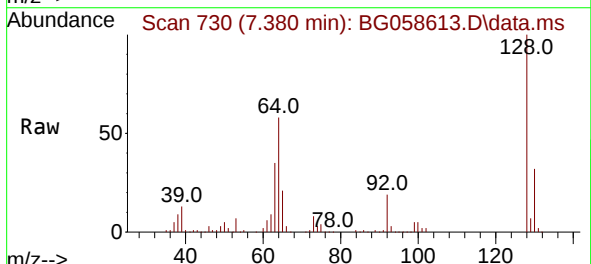
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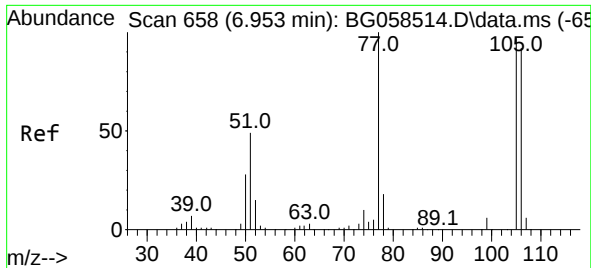
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#8
2-Chlorophenol
Concen: 51.515 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:128 Resp: 172221
Ion Ratio Lower Upper
128 100
130 32.4 10.9 50.9
64 58.1 39.0 79.0





#9
Benzaldehyde
Concen: 37.769 ng
RT: 6.951 min Scan# 657
Delta R.T. -0.002 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument : BNA_G
ClientSampleId : BERGENSWITCH-COMP1MS

Tgt Ion: 77 Resp: 9730

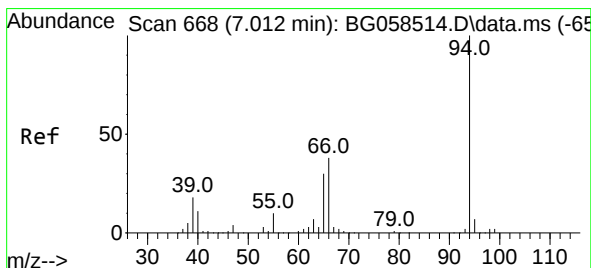
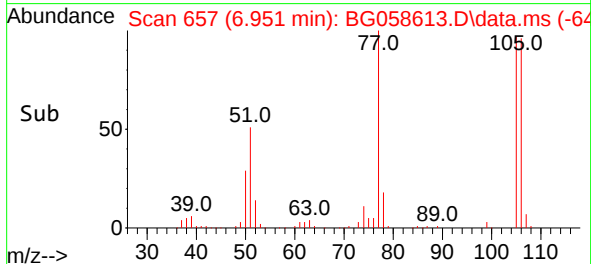
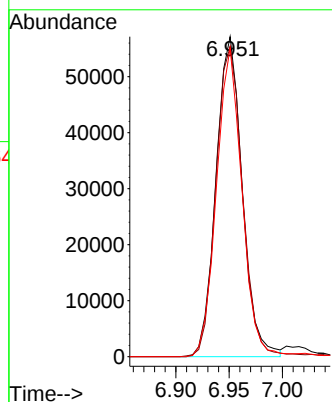
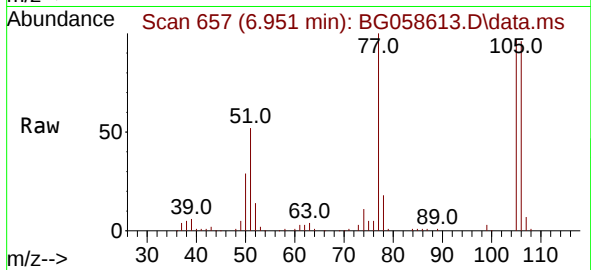
Ion	Ratio	Lower	Upper
77	100		
105	96.9	77.1	117.1
106	96.5	71.6	111.6

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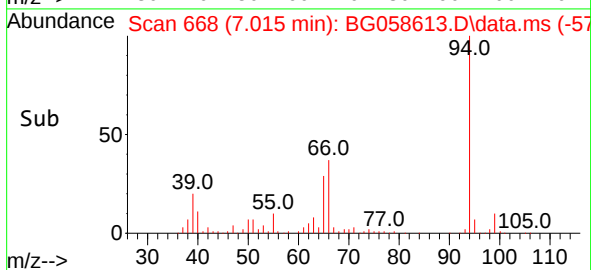
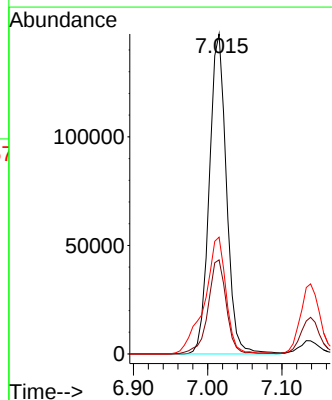
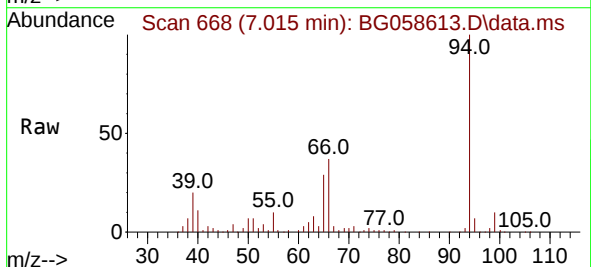
08/07/2023



#10
Phenol
Concen: 51.023 ng
RT: 7.015 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion: 94 Resp: 236345

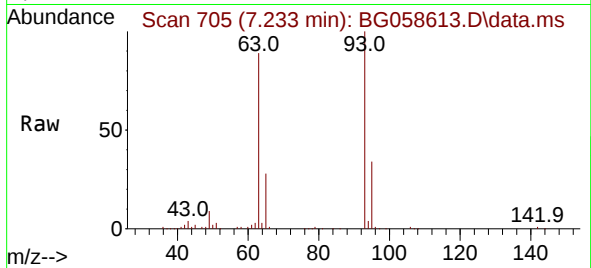
Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.4	50.4
66	36.5	18.7	58.7





#11
bis(2-Chloroethyl)ether
Concen: 44.086 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



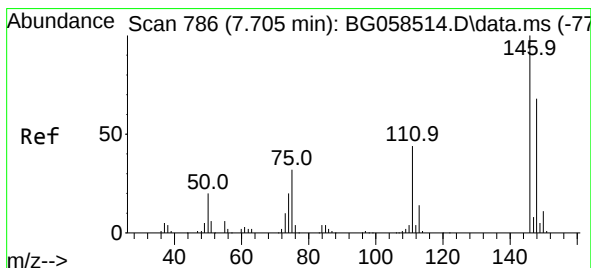
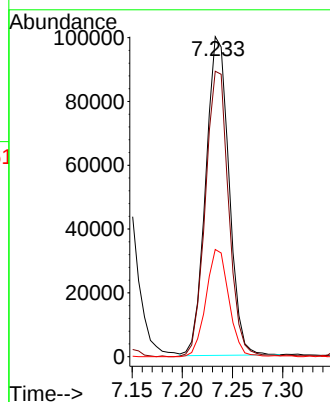
Tgt Ion: 93 Resp: 160994
Ion Ratio Lower Upper
93 100
63 89.2 65.5 105.5
95 33.5 11.2 51.2

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

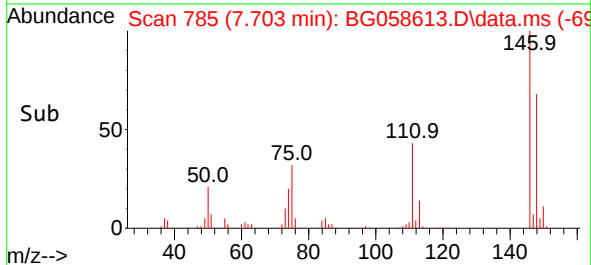
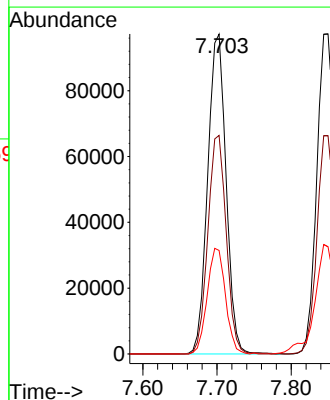
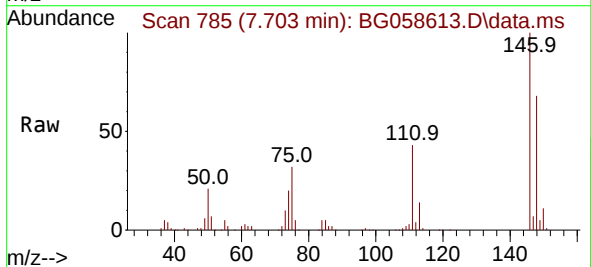
08/07/2023
Supervised By :mohammad
ahmed

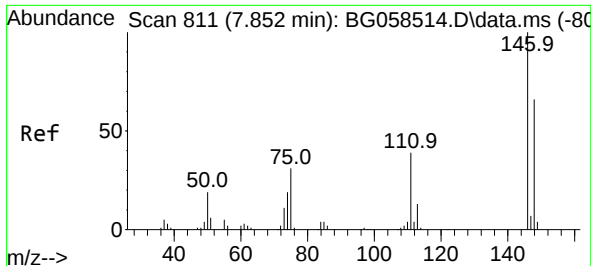
08/07/2023



#12
1,3-Dichlorobenzene
Concen: 46.797 ng
RT: 7.703 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:146 Resp: 167059
Ion Ratio Lower Upper
146 100
148 68.3 54.7 82.1
75 32.4 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 47.178 ng

RT: 7.850 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MS

Tgt Ion:146 Resp: 169100

Ion	Ratio	Lower	Upper
146	100		
148	68.2	52.8	79.2
111	41.4	31.7	47.5

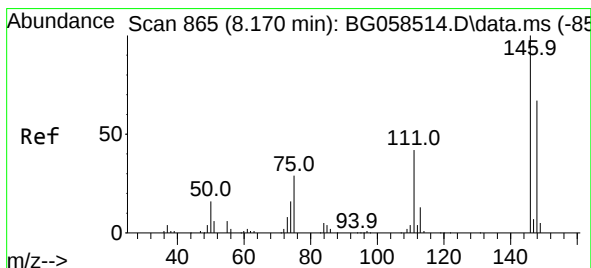
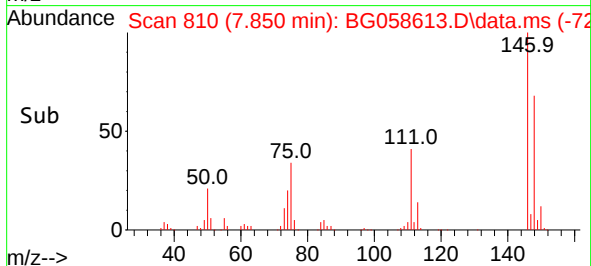
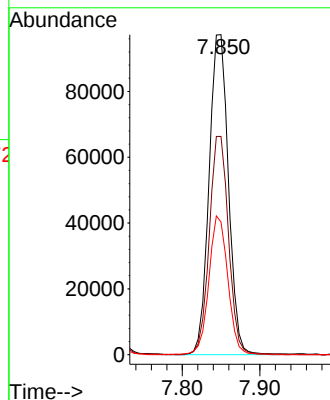
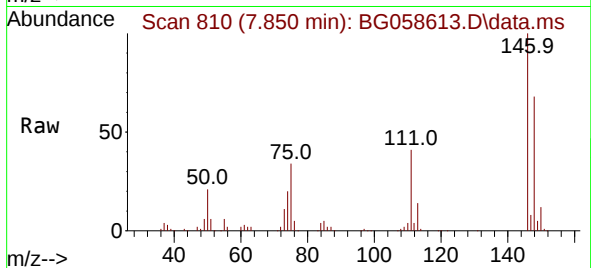
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#14

1,2-Dichlorobenzene

Concen: 48.272 ng

RT: 8.161 min Scan# 863

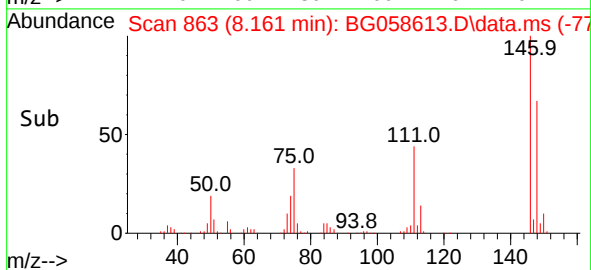
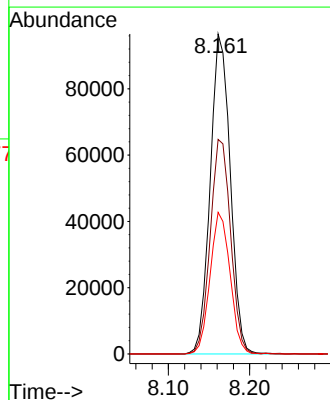
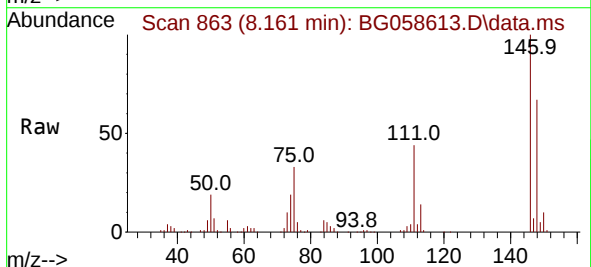
Delta R.T. -0.008 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

Tgt Ion:146 Resp: 165428

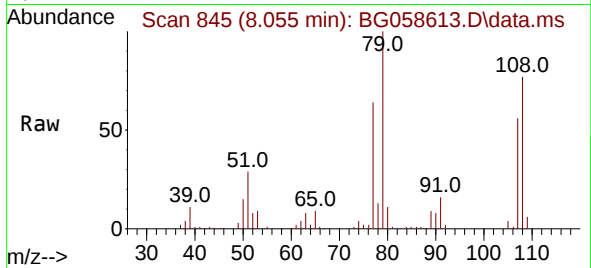
Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.4	80.2
111	44.2	34.2	51.2





#15
Benzyl Alcohol
Concen: 53.766 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



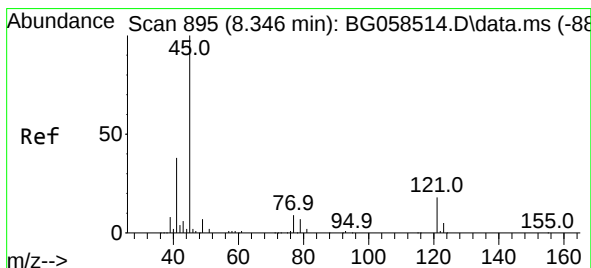
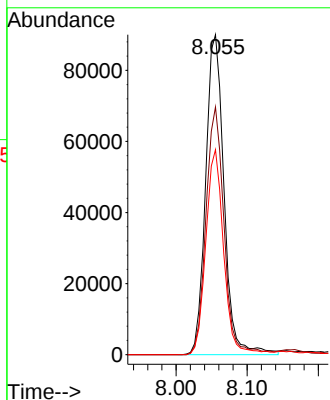
Tgt Ion: 79 Resp: 161680
Ion Ratio Lower Upper
79 100
108 77.4 63.8 95.6
77 64.1 49.8 74.6

Manual Integrations
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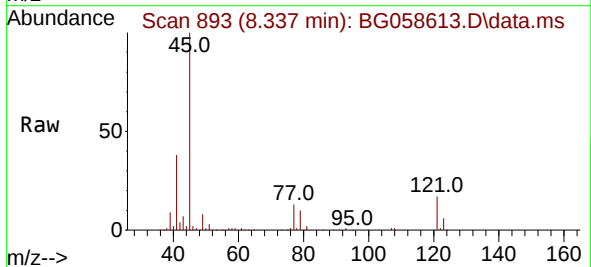
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

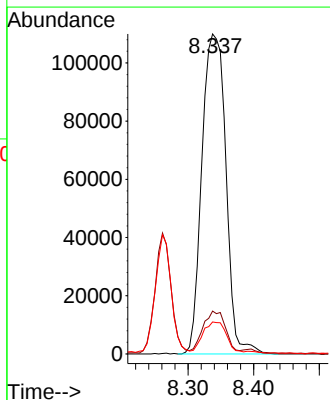
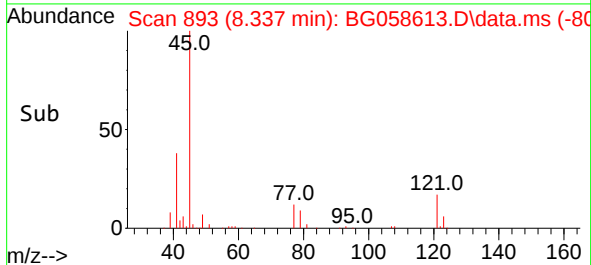
08/07/2023

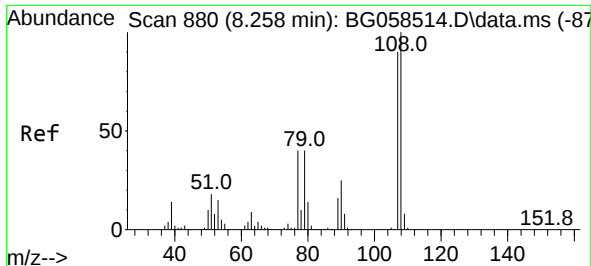


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.124 ng
RT: 8.337 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



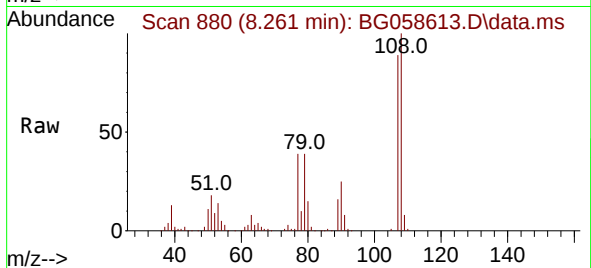
Tgt Ion: 45 Resp: 279536
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.6
79 10.0 0.0 30.2





#17
2-Methylphenol
Concen: 47.006 ng
RT: 8.261 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



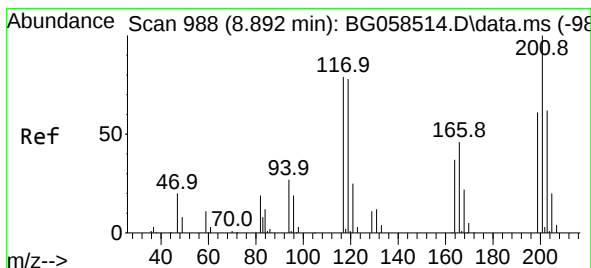
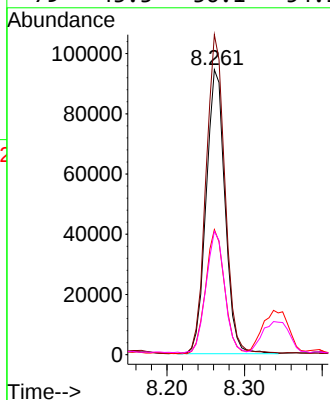
Tgt Ion:107 Resp: 15920
Ion Ratio Lower Upper
107 100
108 112.3 89.1 133.7
77 43.9 36.2 54.4
79 43.3 36.1 54.1

Manual Integrations
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Reviewed By :Yogesh
Patel

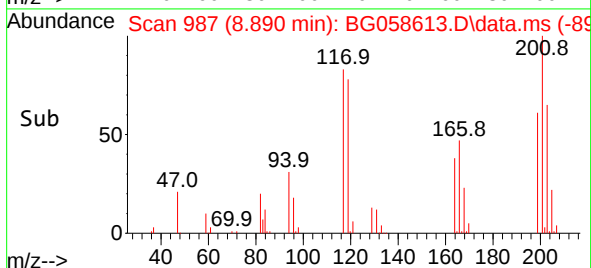
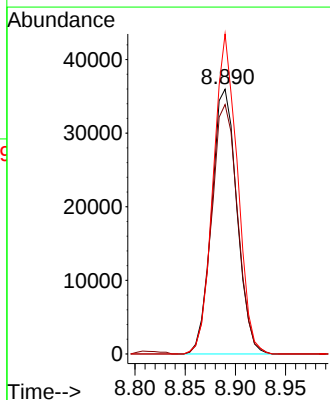
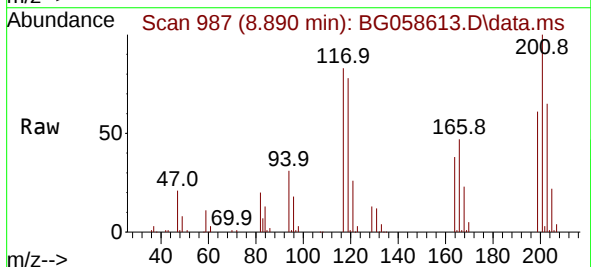
08/07/2023
Supervised By :mohammad
ahmed

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#18
Hexachloroethane
Concen: 48.131 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

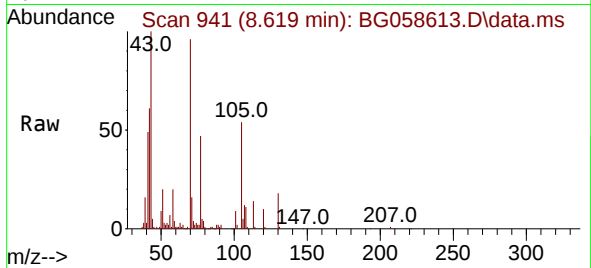
Tgt Ion:117 Resp: 62707
Ion Ratio Lower Upper
117 100
119 94.2 78.6 117.8
201 120.9 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.921 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



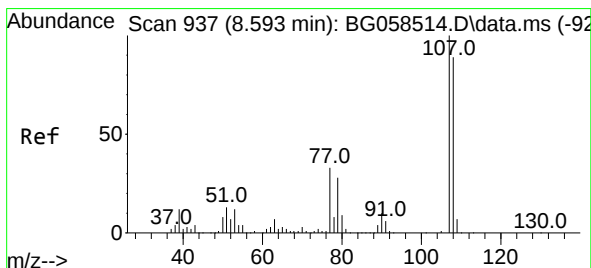
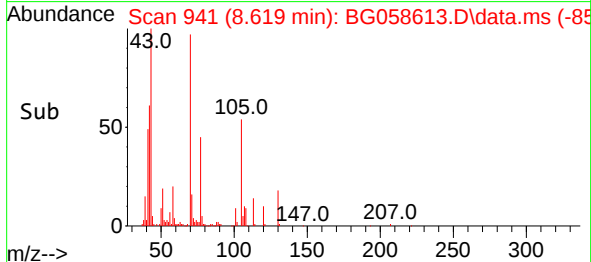
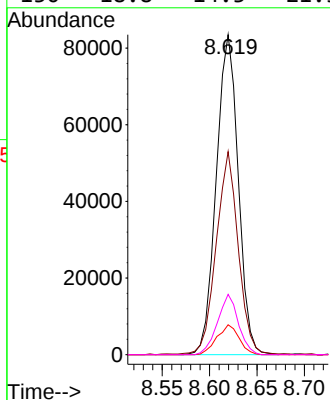
Tgt Ion: 70 Resp: 13452
Ion Ratio Lower Upper
70 100
42 63.5 49.7 74.5
101 9.3 7.0 10.4
130 18.8 14.3 21.5

Manual Integrations
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Reviewed By :Yogesh
Patel

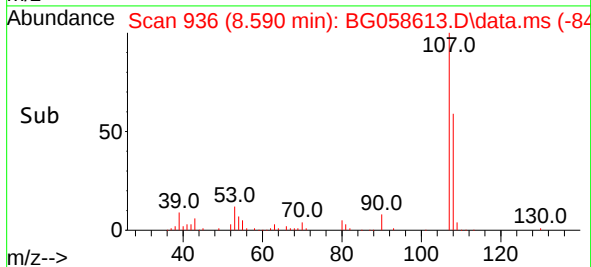
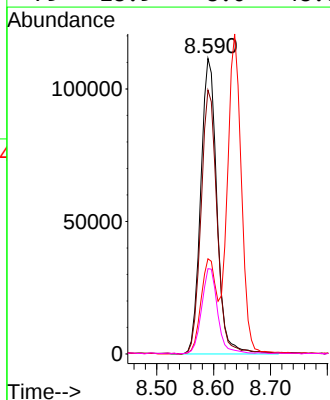
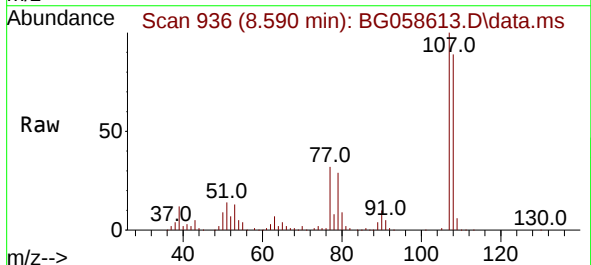
08/07/2023
Supervised By :mohammad
ahmed

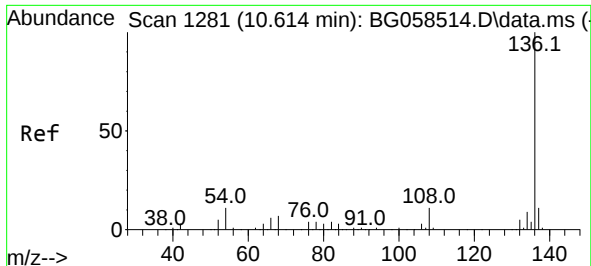
08/07/2023



#20
3+4-Methylphenols
Concen: 48.078 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

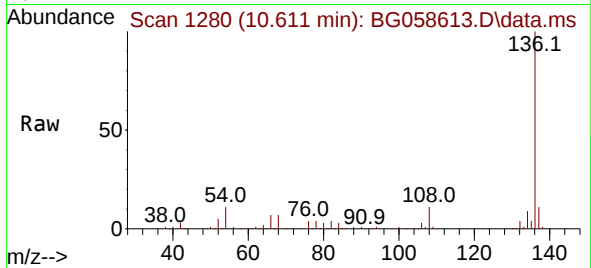
Tgt Ion:107 Resp: 220261
Ion Ratio Lower Upper
107 100
108 89.3 69.4 109.4
77 32.2 13.0 53.0
79 28.9 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



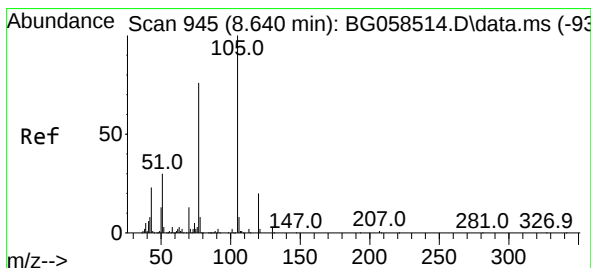
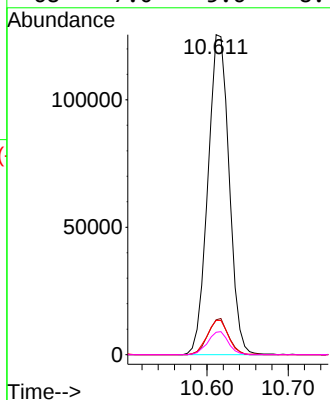
Tgt Ion:136 Resp: 22803
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.7 8.9 13.3
68 7.0 5.6 8.4

Manual Integrations
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Reviewed By :Yogesh
Patel

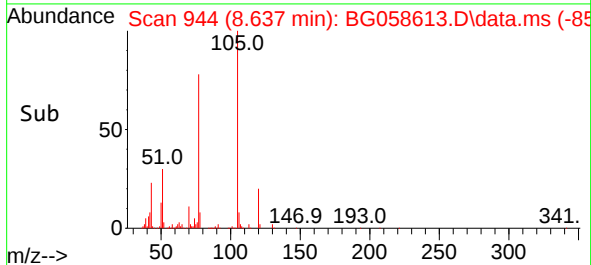
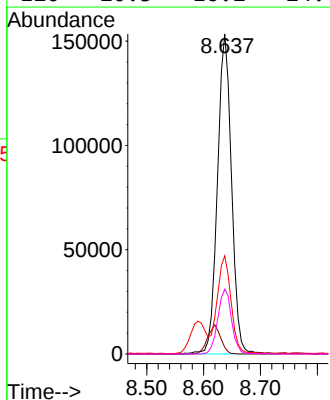
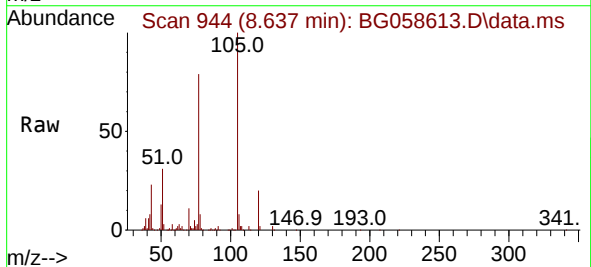
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Supervised By :mohammad
ahmed

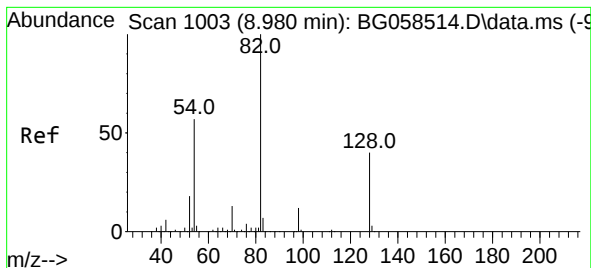
08/07/2023



#22
Acetophenone
Concen: 43.324 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:105 Resp: 264532
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 30.6 24.2 36.2
120 20.3 16.2 24.4





#23

Nitrobenzene-d5

Concen: 64.589 ng

RT: 8.978 min Scan# 1000

Delta R.T. -0.003 min

Lab File: BG058613.D

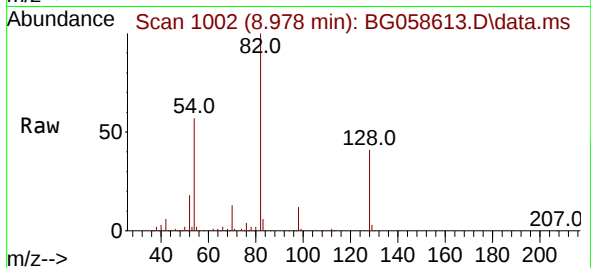
Acq: 4 Aug 2023 16:09

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MS



Tgt Ion:	82	Resp:	299820
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.2	48.2
54	57.3	46.0	69.0

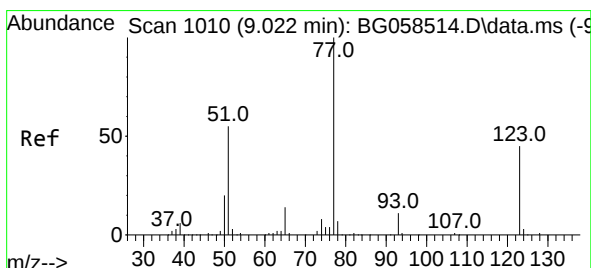
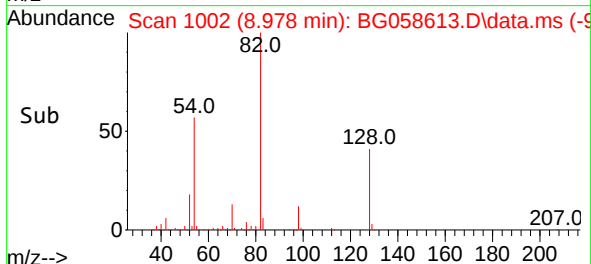
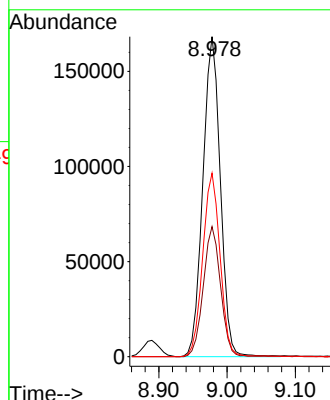
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#24

Nitrobenzene

Concen: 43.342 ng

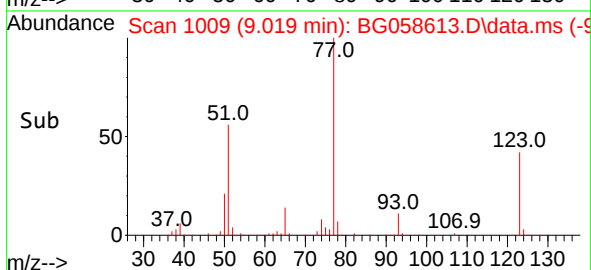
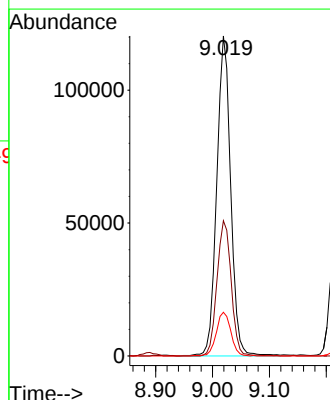
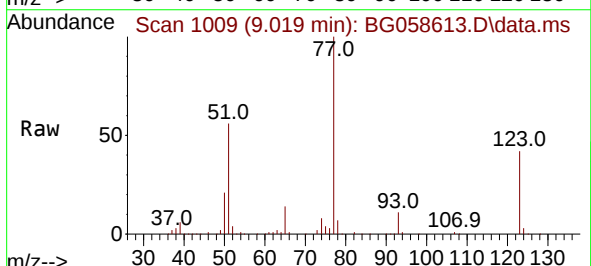
RT: 9.019 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

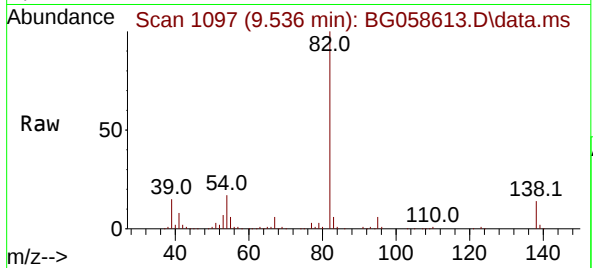
Tgt Ion:	77	Resp:	204536
Ion	Ratio	Lower	Upper
77	100		
123	42.2	35.6	53.4
65	13.6	11.4	17.0





#25
Isophorone
Concen: 41.557 ng
RT: 9.536 min Scan# 1098
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



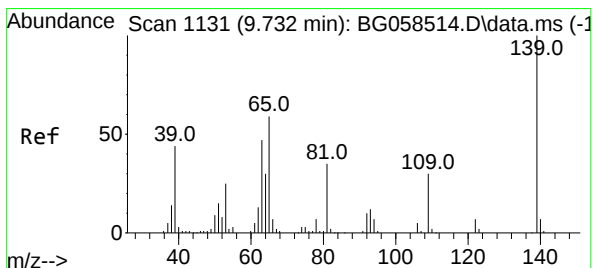
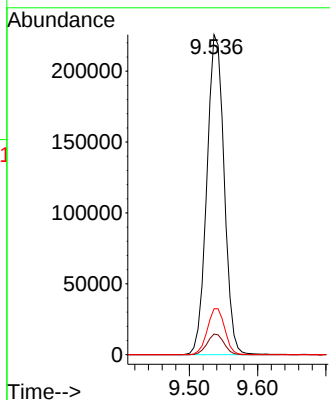
Tgt Ion: 82 Resp: 39857
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.3 11.9 17.9

Manual Integrations
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Reviewed By :Yogesh
Patel

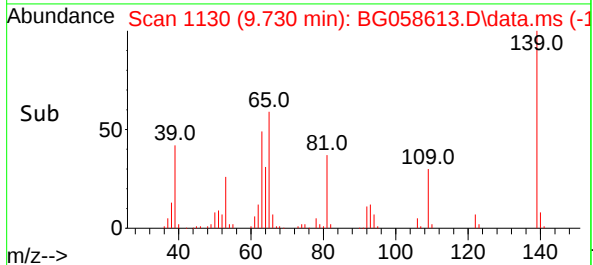
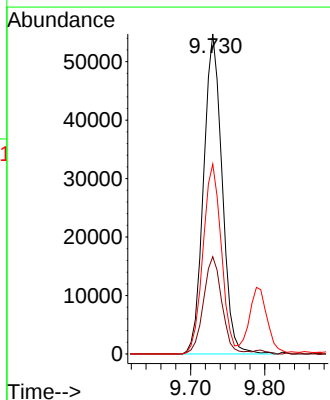
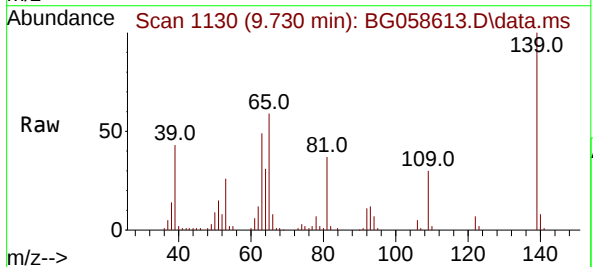
08/07/2023
Supervised By :mohammad
ahmed

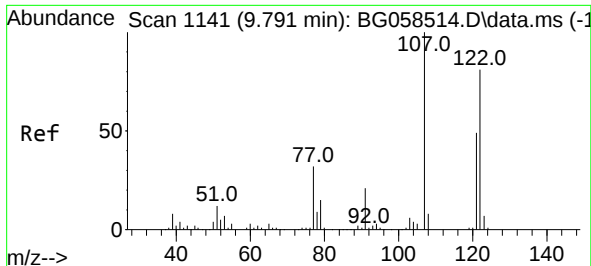
08/07/2023



#26
2-Nitrophenol
Concen: 46.235 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:139 Resp: 94978
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.2
65 59.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.986 ng

RT: 9.795 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG058613.D

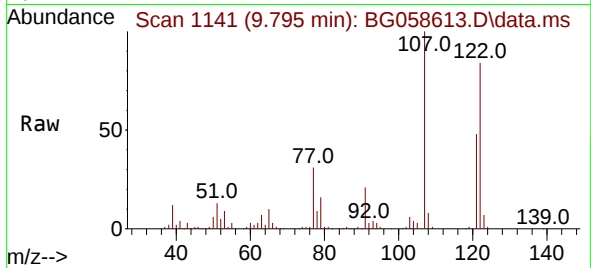
Acq: 4 Aug 2023 16:09

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MS



Tgt Ion:	122	Resp:	16010
Ion Ratio	Lower	Upper	
122	100		
107	119.5	98.0	147.0
121	57.8	47.8	71.6

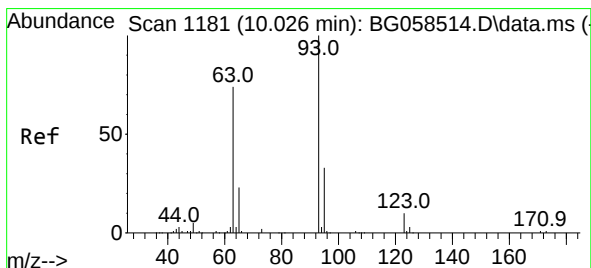
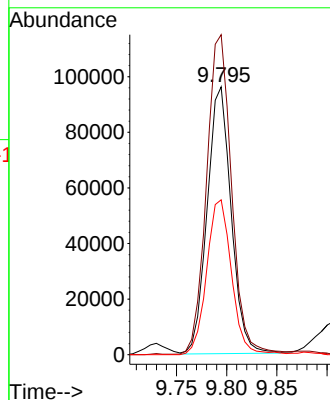
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.231 ng

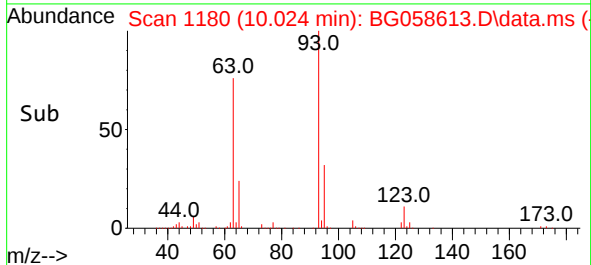
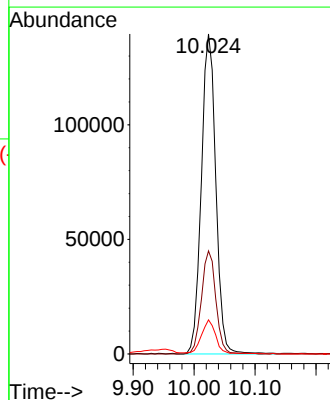
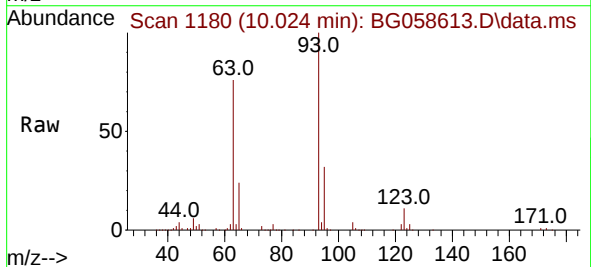
RT: 10.024 min Scan# 1180

Delta R.T. -0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

Tgt Ion:	93	Resp:	230867
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.0	39.0
123	10.7	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 48.955 ng

RT: 10.270 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MS

Tgt Ion:162 Resp: 173200

Ion Ratio Lower Upper

162 100

164 67.4 47.6 87.6

98 38.0 17.1 57.1

Manual Integrations

APPROVED

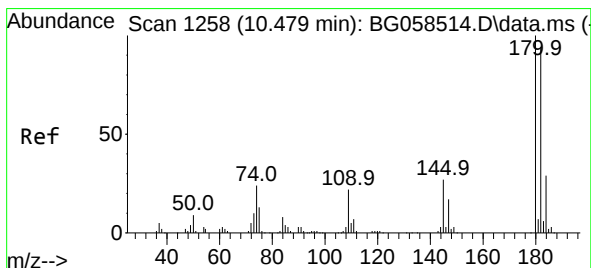
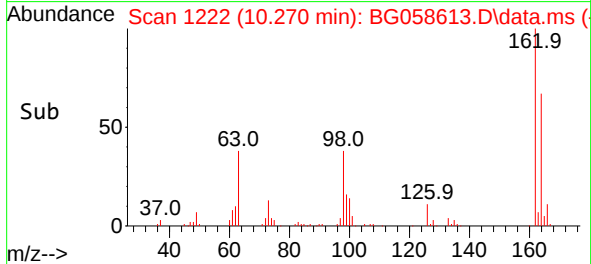
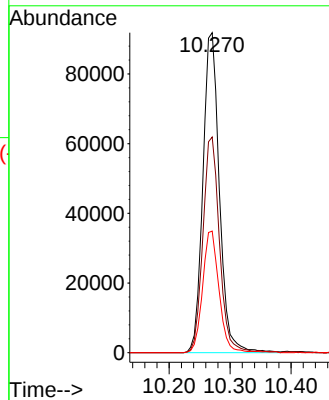
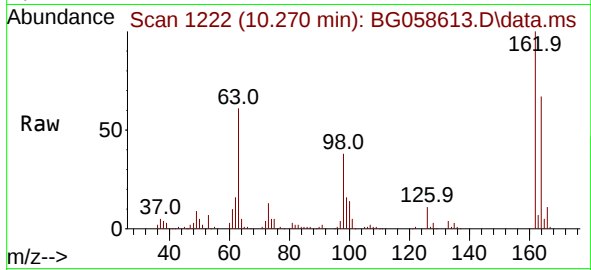
Reviewed By :Yogesh

Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.567 ng

RT: 10.476 min Scan# 1257

Delta R.T. -0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

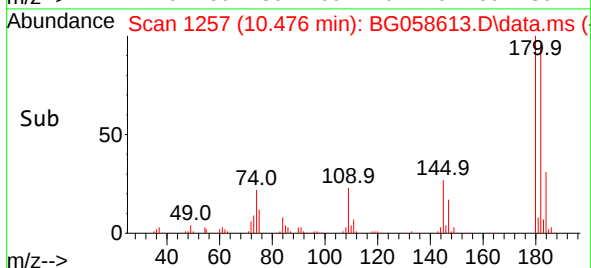
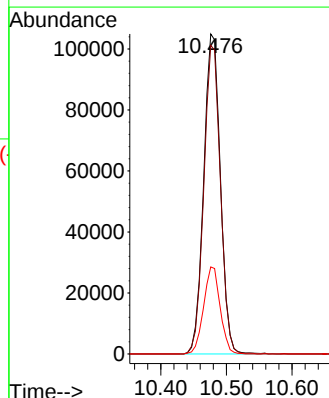
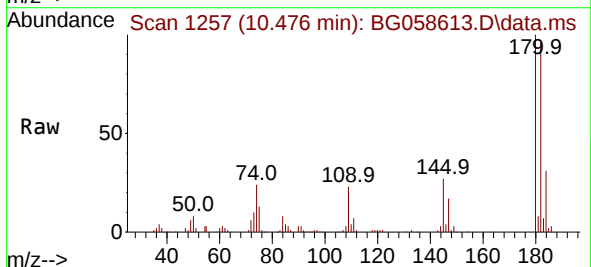
Tgt Ion:180 Resp: 185915

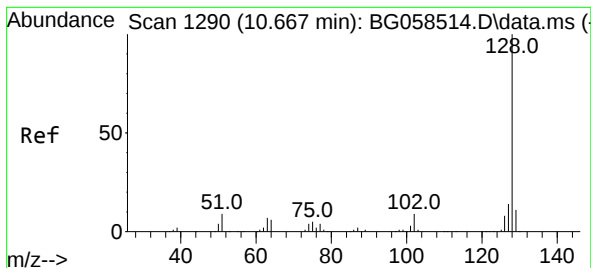
Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.4

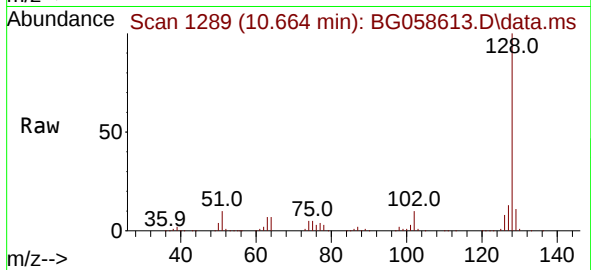
145 27.2 21.9 32.9





#31
Naphthalene
Concen: 44.274 ng
RT: 10.664 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



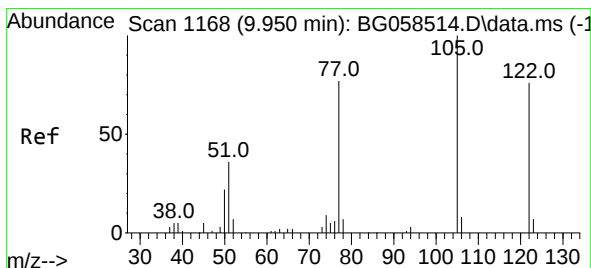
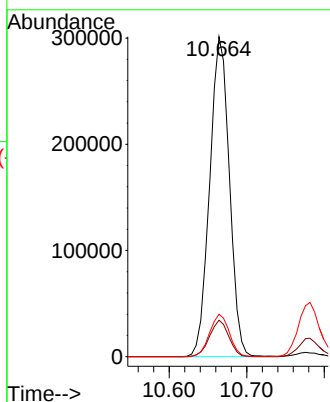
Tgt Ion:128 Resp: 532125
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.9 16.3

Manual Integrations
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Reviewed By :Yogesh
Patel

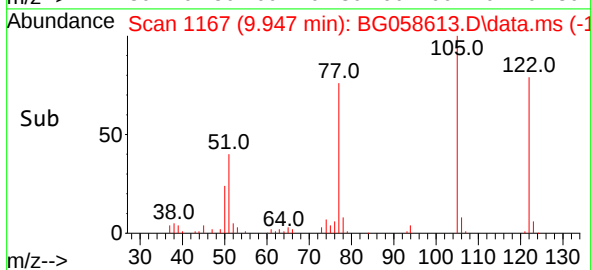
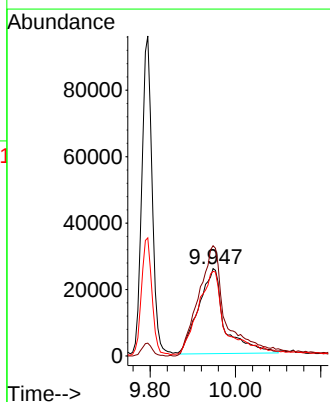
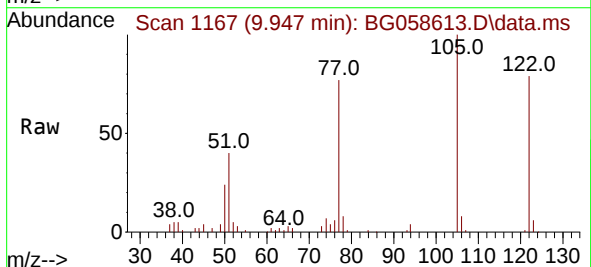
08/07/2023
Supervised By :mohammad
ahmed

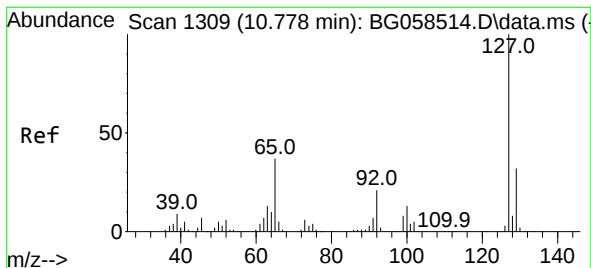
08/07/2023



#32
Benzoic acid
Concen: 42.678 ng
RT: 9.947 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

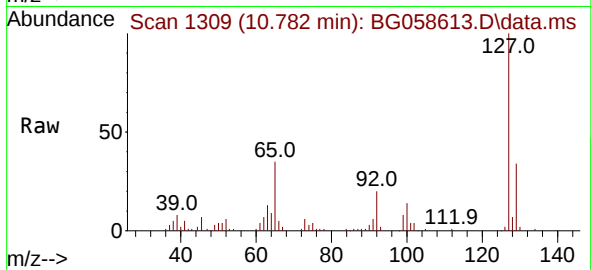
Tgt Ion:122 Resp: 109564
Ion Ratio Lower Upper
122 100
105 126.1 106.5 146.5
77 96.8 78.1 118.1





#33
4-Chloroaniline
Concen: 20.259 ng
RT: 10.782 min Scan# 1309
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



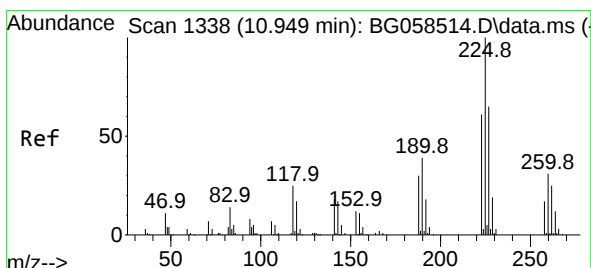
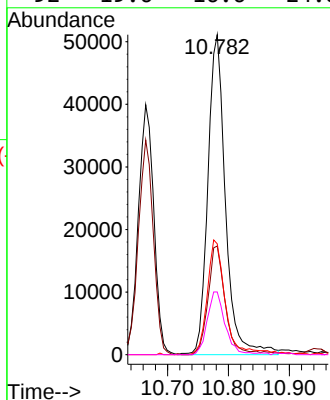
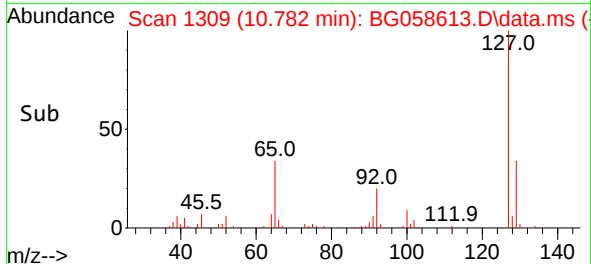
Tgt Ion:127 Resp: 102878
Ion Ratio Lower Upper
127 100
129 34.0 25.4 38.2
65 34.7 29.5 44.3
92 19.6 16.6 24.8

Manual Integrations
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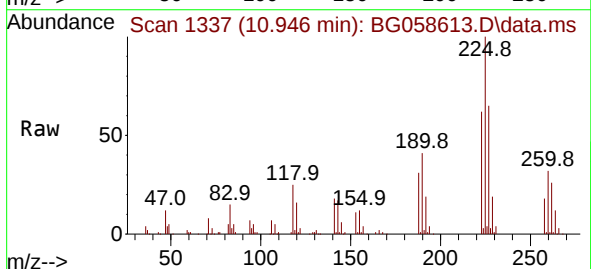
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

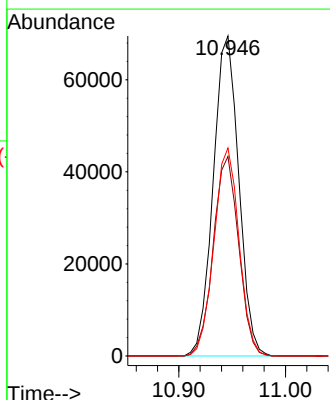
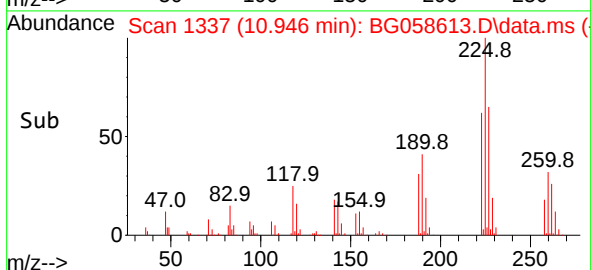
08/07/2023

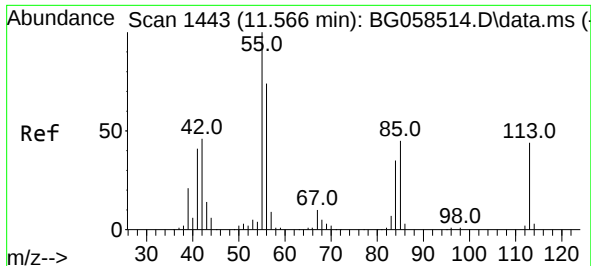


#34
Hexachlorobutadiene
Concen: 43.979 ng
RT: 10.946 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



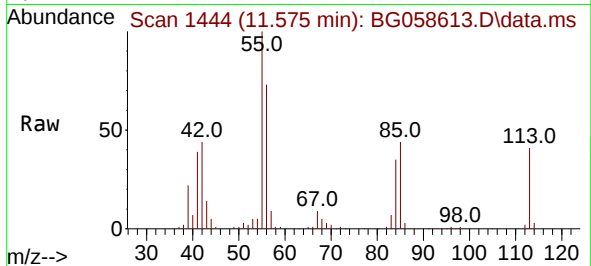
Tgt Ion:225 Resp: 115557
Ion Ratio Lower Upper
225 100
223 62.3 49.0 73.6
227 65.0 51.7 77.5





#35
Caprolactam
Concen: 46.038 ng m
RT: 11.575 min Scan# 1444
Delta R.T. 0.009 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



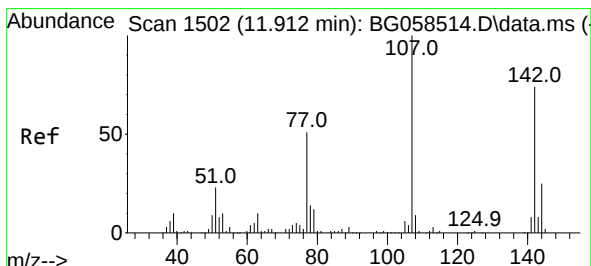
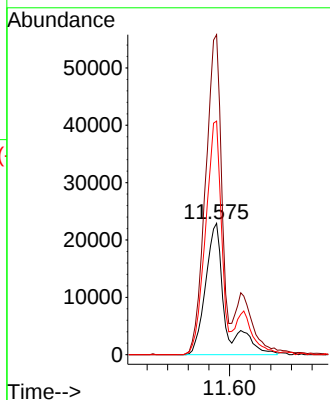
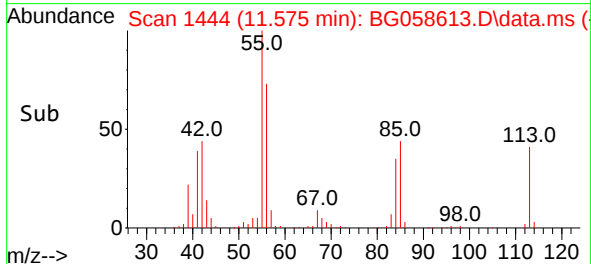
Tgt Ion:113 Resp: 6014
Ion Ratio Lower Upper
113 100
55 243.6 208.0 248.0
56 177.8 148.6 188.6

Manual Integrations
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Reviewed By :Yogesh
Patel

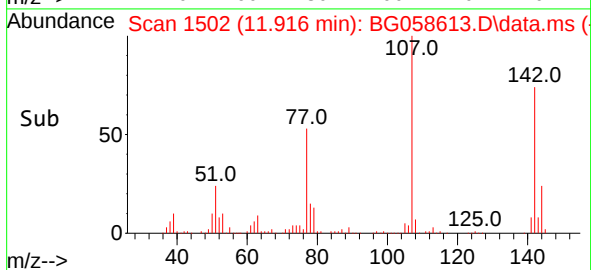
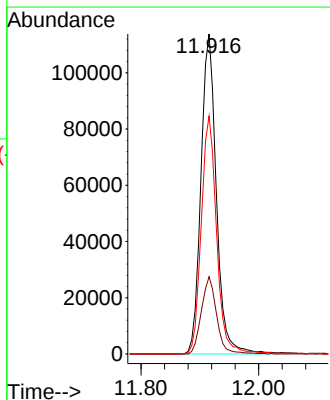
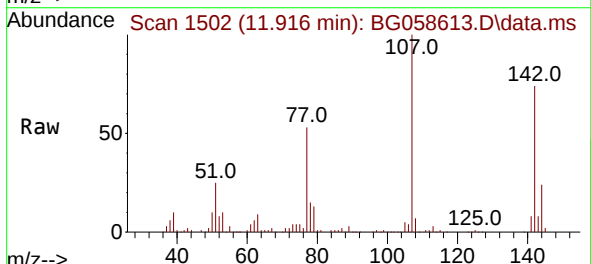
08/07/2023
Supervised By :mohammad
ahmed

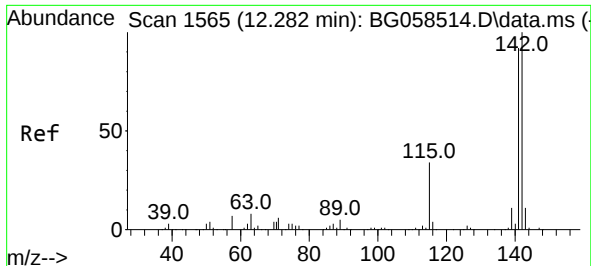
08/07/2023



#36
4-Chloro-3-methylphenol
Concen: 47.444 ng
RT: 11.916 min Scan# 1502
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

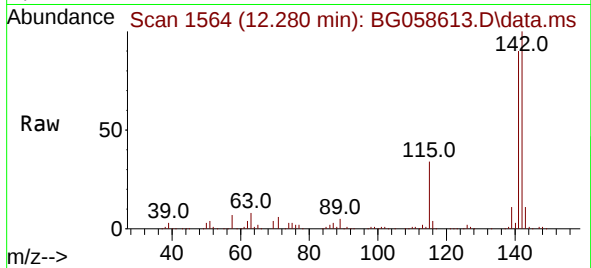
Tgt Ion:107 Resp: 207640
Ion Ratio Lower Upper
107 100
144 24.1 19.6 29.4
142 74.4 59.3 88.9





#37
2-Methylnaphthalene
Concen: 43.417 ng
RT: 12.280 min Scan# 1565
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



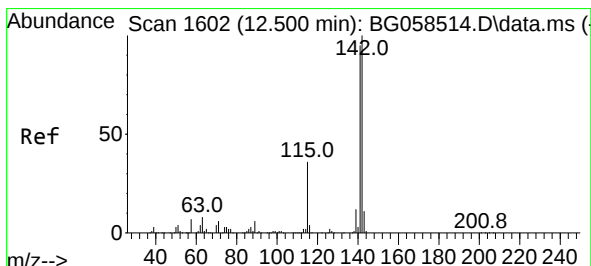
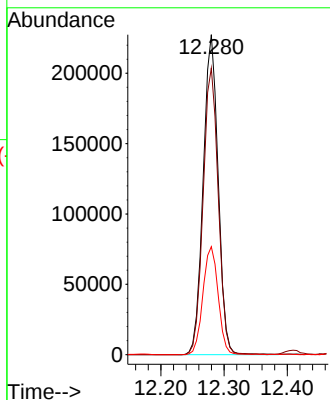
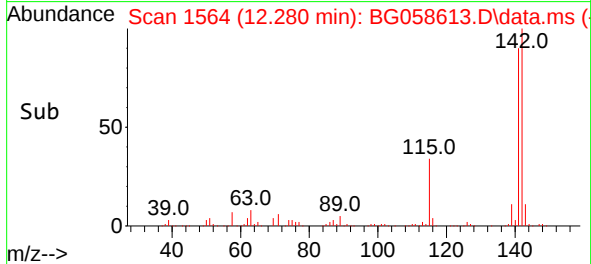
Tgt Ion:142 Resp: 37326
Ion Ratio Lower Upper
142 100
141 89.5 73.5 110.3
115 33.7 27.4 41.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

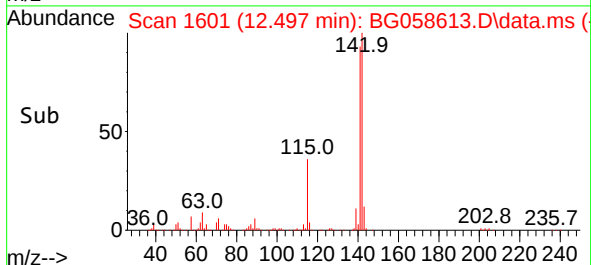
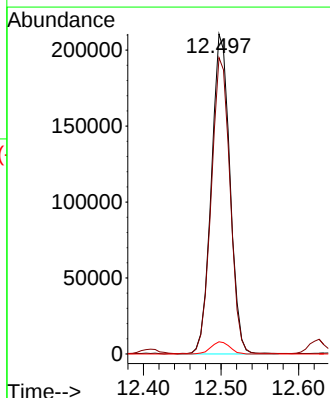
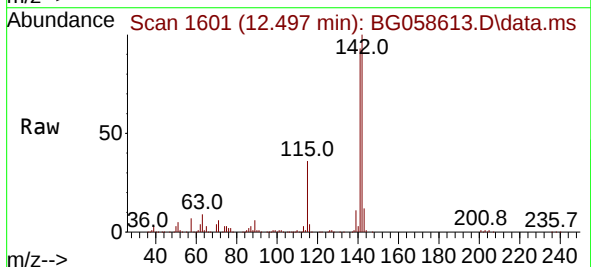
08/07/2023
Supervised By :mohammad
ahmed

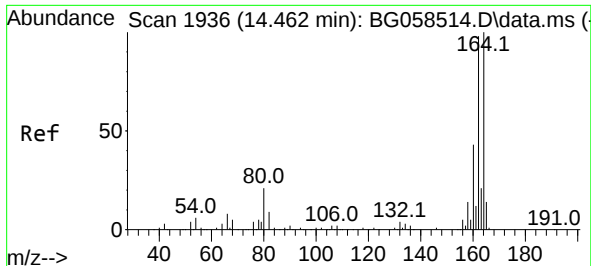
08/07/2023



#38
1-Methylnaphthalene
Concen: 42.853 ng
RT: 12.497 min Scan# 1601
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:142 Resp: 350214
Ion Ratio Lower Upper
142 100
141 92.6 75.7 113.5
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1936

Delta R.T. -0.003 min

Lab File: BG058613.D

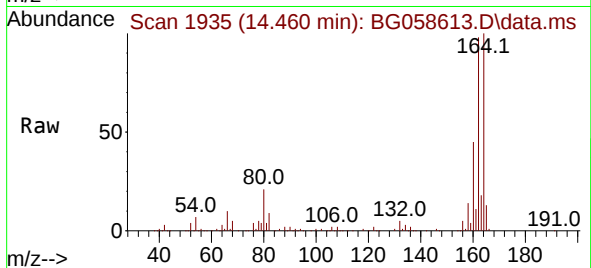
Acq: 4 Aug 2023 16:09

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MS



Tgt Ion:164 Resp: 161904

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.3	117.5
160	45.1	34.1	51.1

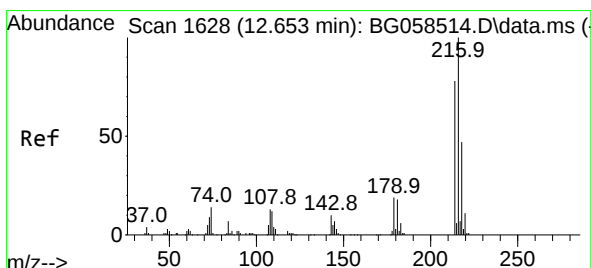
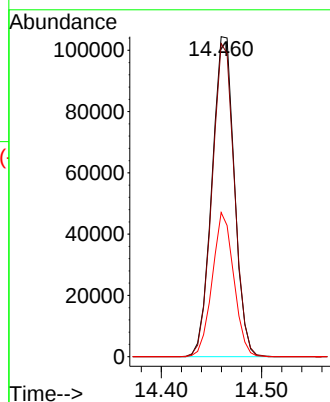
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

08/07/2023

Supervised By :mohammad
ahmed

08/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.047 ng

RT: 12.650 min Scan# 1627

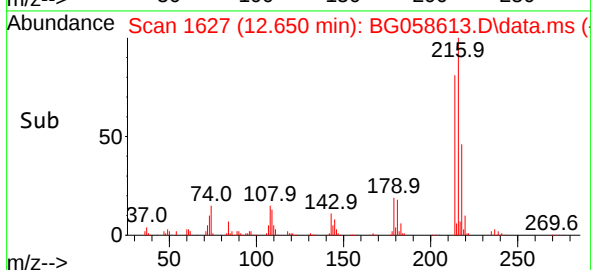
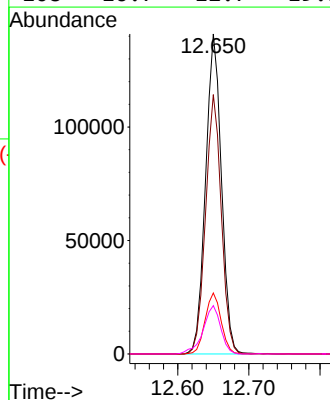
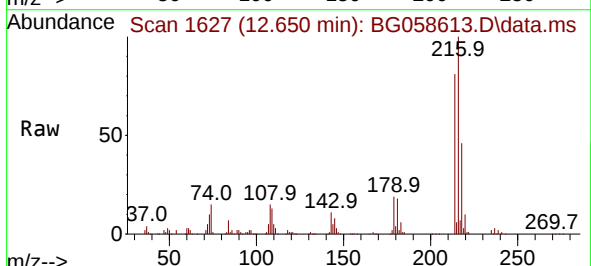
Delta R.T. -0.003 min

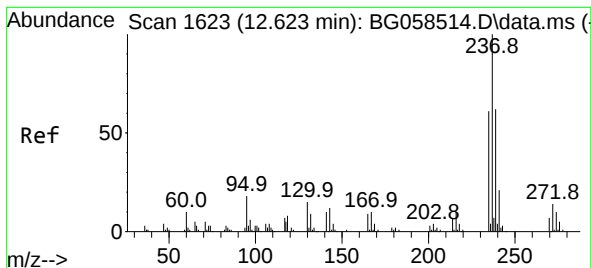
Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

Tgt Ion:216 Resp: 218942

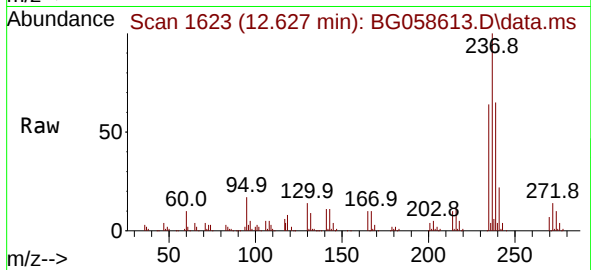
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.1	94.7
179	19.2	15.6	23.4
108	16.7	12.7	19.1





#41
Hexachlorocyclopentadiene
Concen: 61.425 ng
RT: 12.627 min Scan# 1623
Delta R.T. 0.004 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



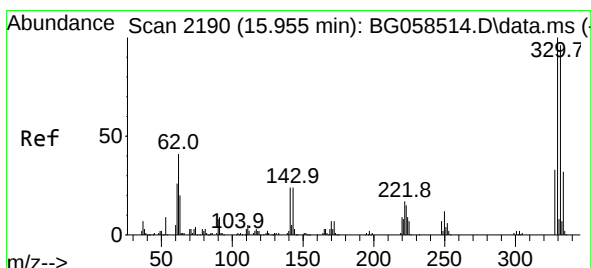
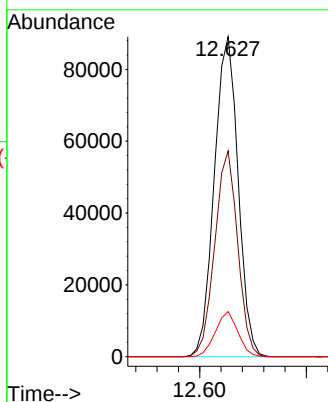
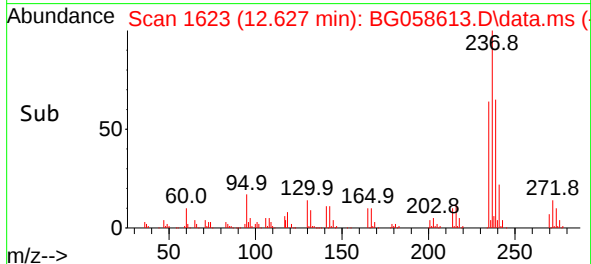
Tgt Ion:237 Resp: 137820
Ion Ratio Lower Upper
237 100
235 64.3 41.0 81.0
272 14.1 0.0 33.6

Manual Integrations
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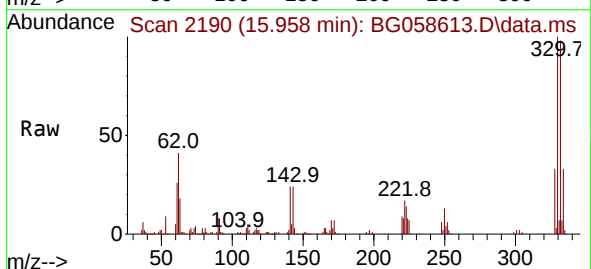
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

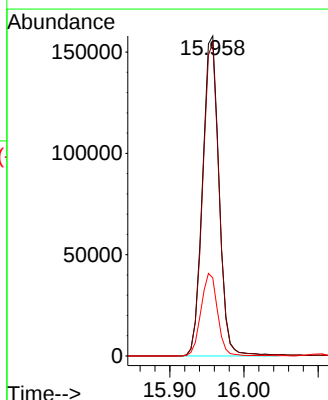
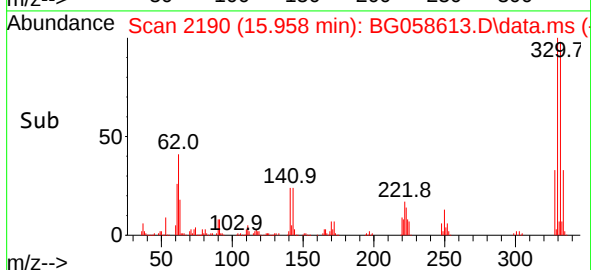
08/07/2023

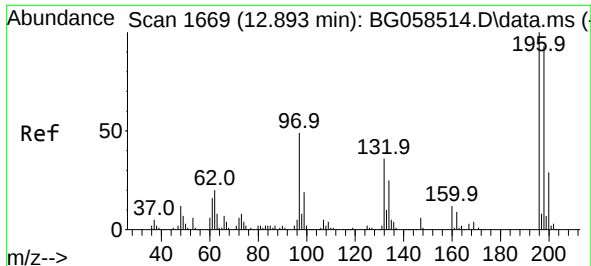


#42
2,4,6-Tribromophenol
Concen: 92.436 ng
RT: 15.958 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



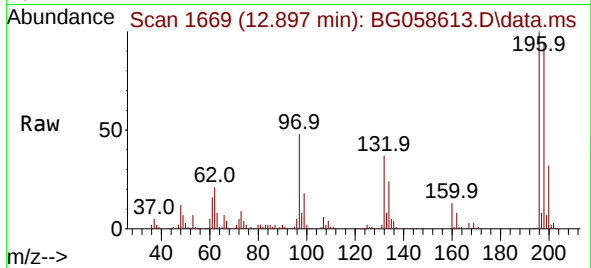
Tgt Ion:330 Resp: 245300
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 25.8 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 46.436 ng
RT: 12.897 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



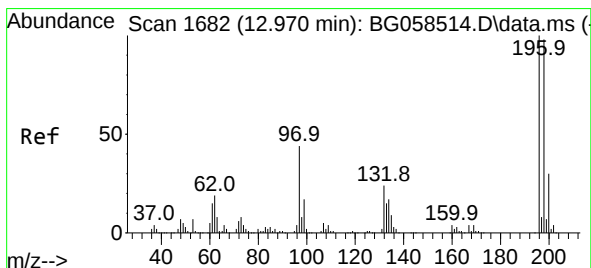
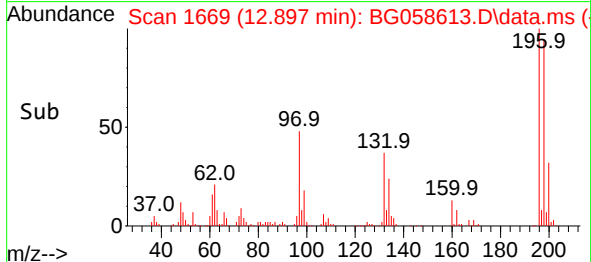
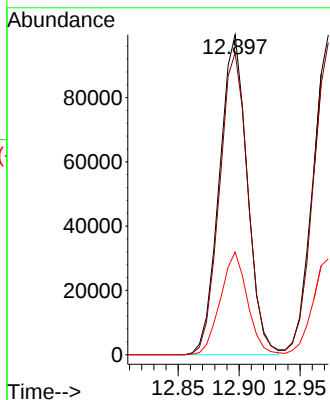
Tgt Ion:196 Resp: 15875
Ion Ratio Lower Upper
196 100
198 94.3 74.2 111.4
200 32.0 22.9 34.3

Manual Integrations
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Reviewed By :Yogesh
Patel

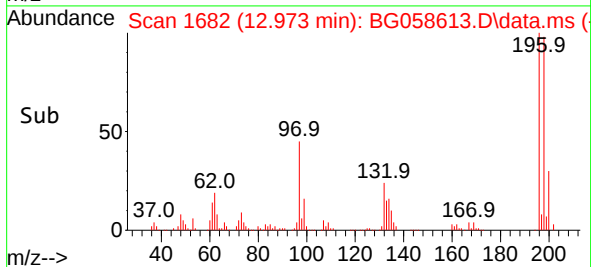
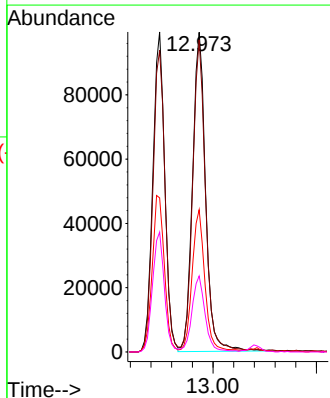
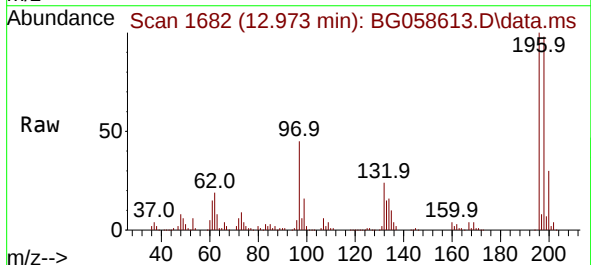
08/07/2023
Supervised By :mohammad
ahmed

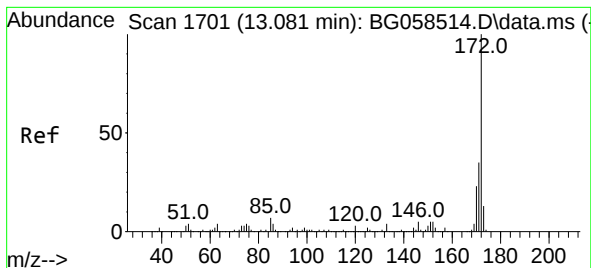
08/07/2023



#44
2,4,5-Trichlorophenol
Concen: 43.264 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:196 Resp: 174219
Ion Ratio Lower Upper
196 100
198 97.7 78.3 117.5
97 44.5 35.2 52.8
132 23.8 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 61.866 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS

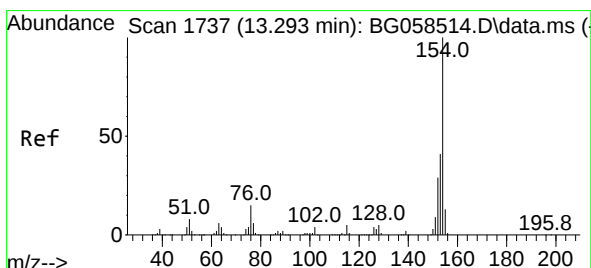
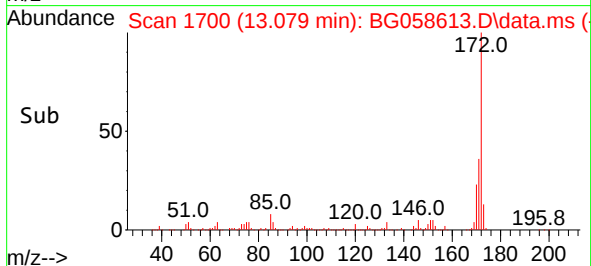
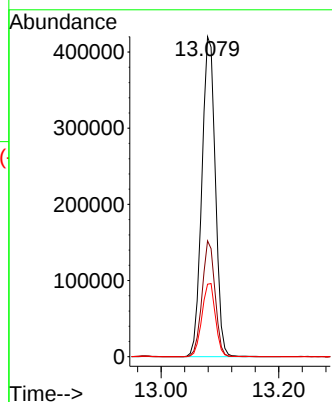
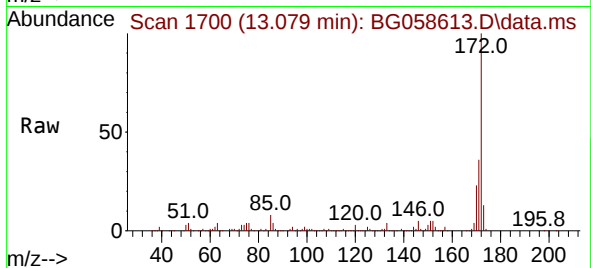
Tgt Ion:172 Resp: 668380
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 22.6 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

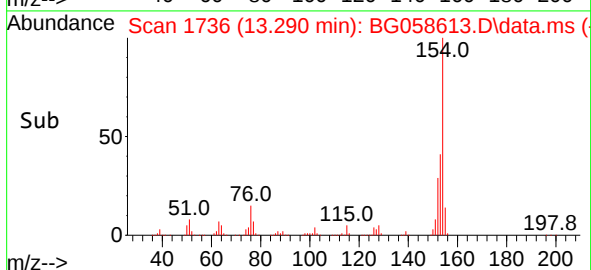
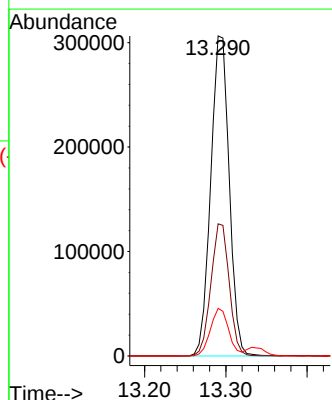
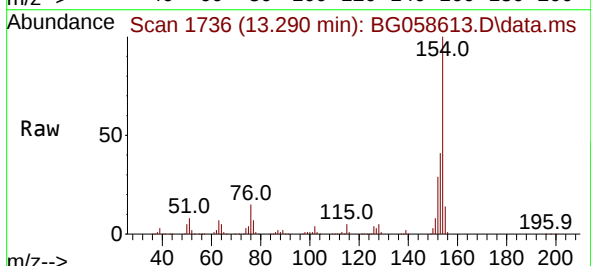
08/07/2023
Supervised By :mohammad
ahmed

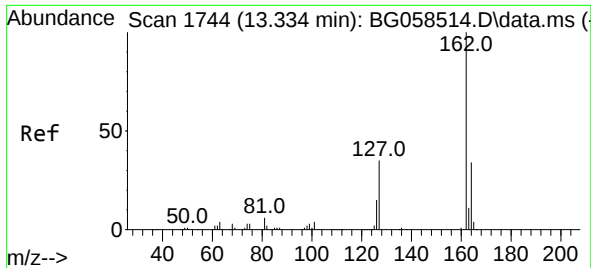
08/07/2023



#46
1,1'-Biphenyl
Concen: 43.505 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

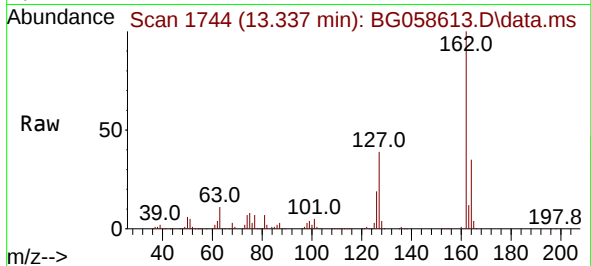
Tgt Ion:154 Resp: 483719
Ion Ratio Lower Upper
154 100
153 41.3 21.2 61.2
76 14.9 0.0 34.7





#47
2-Chloronaphthalene
Concen: 45.303 ng
RT: 13.337 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



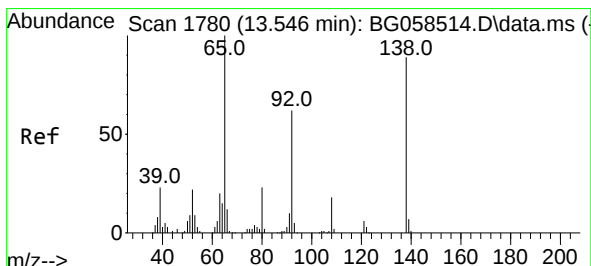
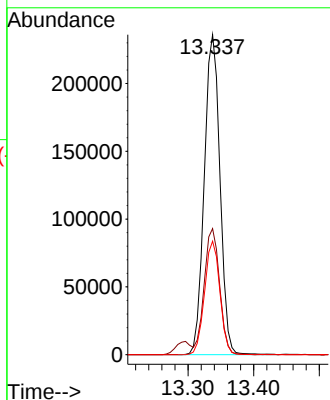
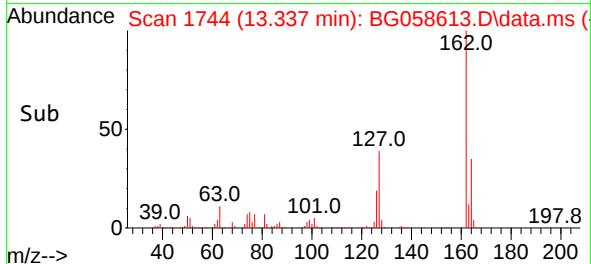
Tgt Ion:162 Resp: 39274
Ion Ratio Lower Upper
162 100
127 39.4 30.9 46.3
164 35.5 27.2 40.8

Manual Integrations
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Reviewed By :Yogesh
Patel

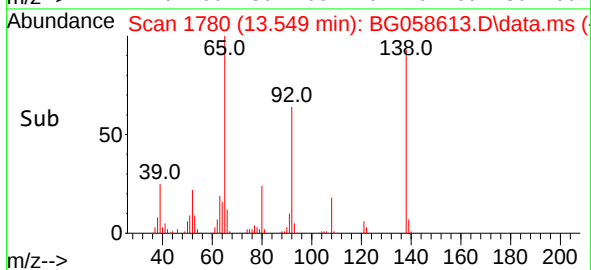
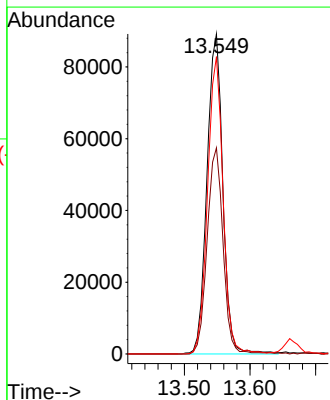
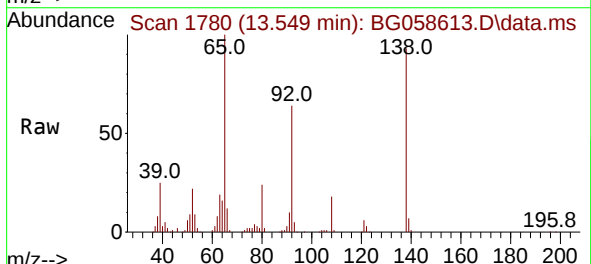
08/07/2023
Supervised By :mohammad
ahmed

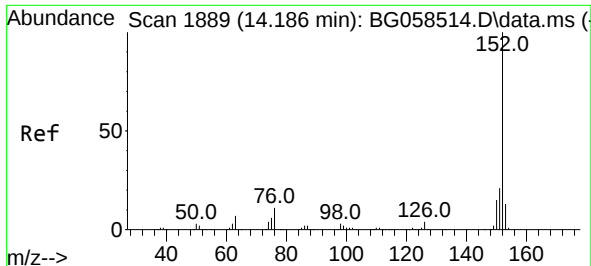
08/07/2023



#48
2-Nitroaniline
Concen: 45.367 ng
RT: 13.549 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

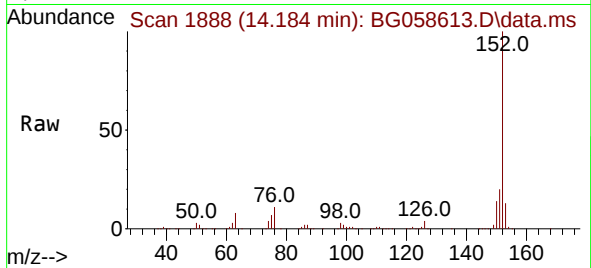
Tgt Ion: 65 Resp: 150120
Ion Ratio Lower Upper
65 100
92 64.4 49.2 73.8
138 92.9 71.5 107.3





#49
Acenaphthylene
Concen: 43.366 ng
RT: 14.184 min Scan# 1889
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



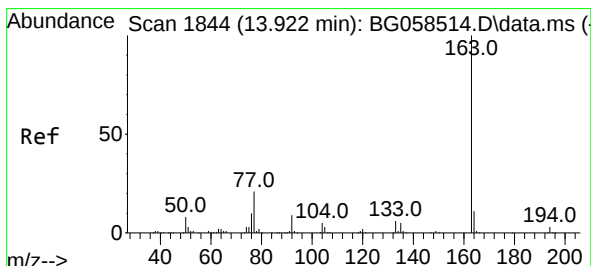
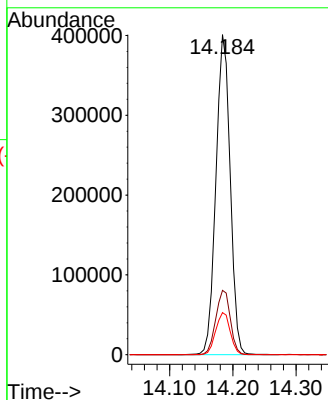
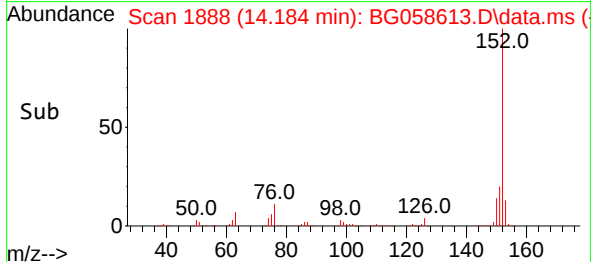
Tgt Ion:152 Resp: 629434
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.2 10.7 16.1

Manual Integrations
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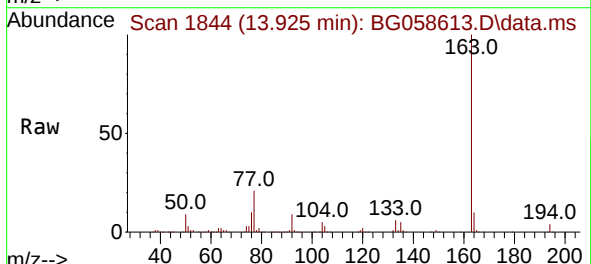
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

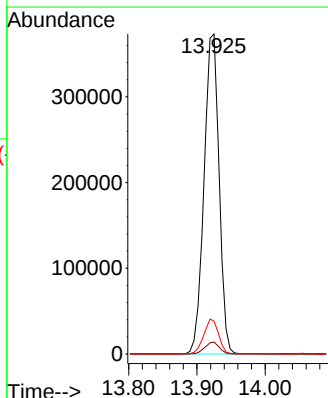
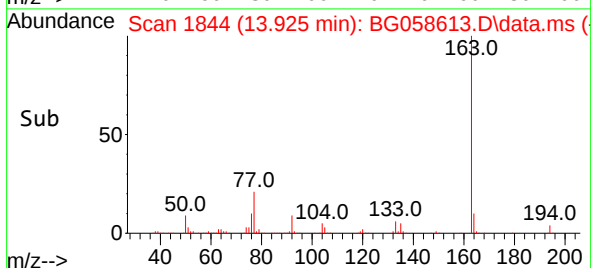
08/07/2023

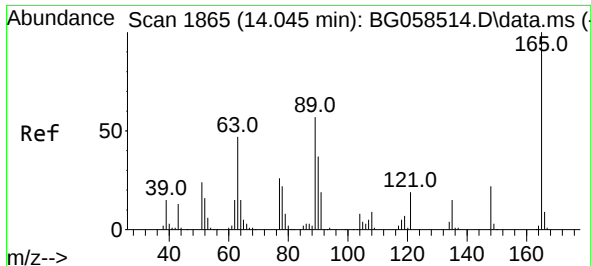


#50
Dimethylphthalate
Concen: 47.095 ng
RT: 13.925 min Scan# 1844
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



Tgt Ion:163 Resp: 572648
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.670 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS

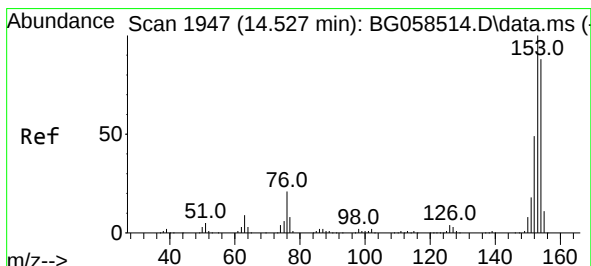
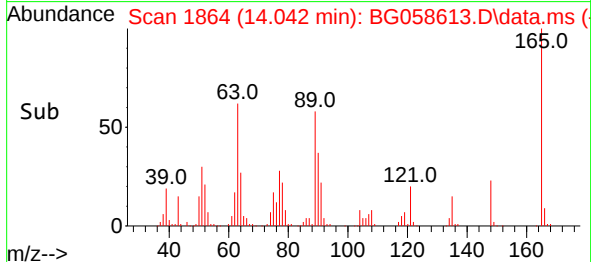
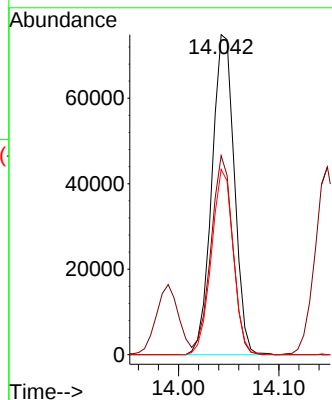
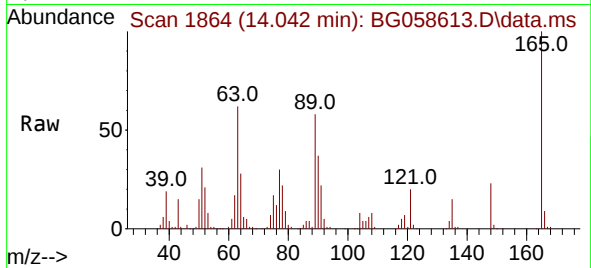
Tgt Ion:165 Resp: 11651
Ion Ratio Lower Upper
165 100
63 62.2 46.4 69.6
89 57.9 45.3 67.9

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Reviewed By :Yogesh
Patel

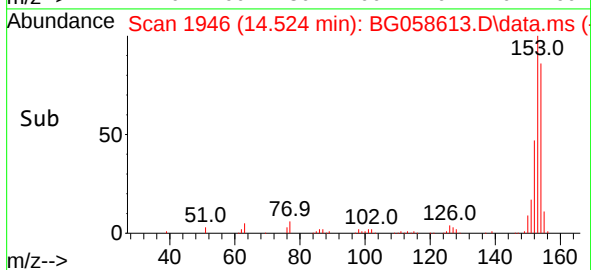
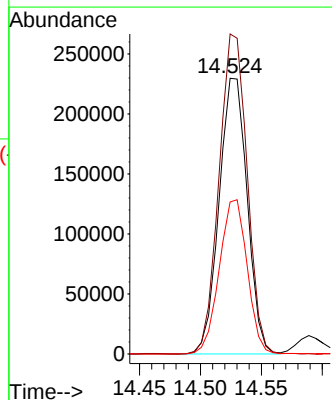
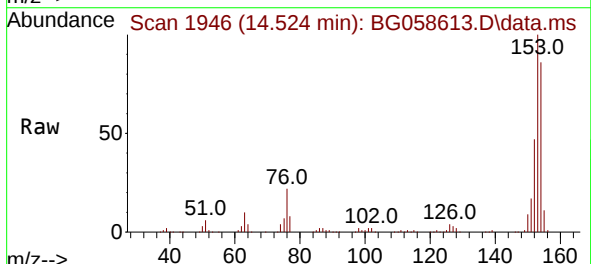
08/07/2023
Supervised By :mohammad
ahmed

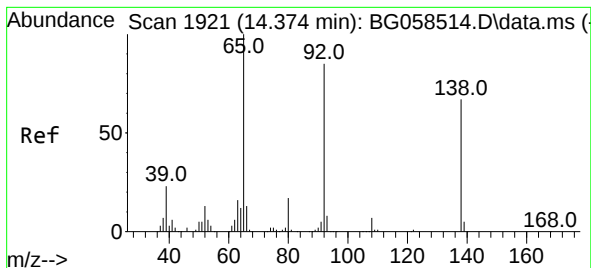
08/07/2023



#52
Acenaphthene
Concen: 44.022 ng
RT: 14.524 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:154 Resp: 369200
Ion Ratio Lower Upper
154 100
153 116.1 91.1 136.7
152 55.1 44.6 66.8





#53
3-Nitroaniline
Concen: 31.550 ng
RT: 14.377 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS

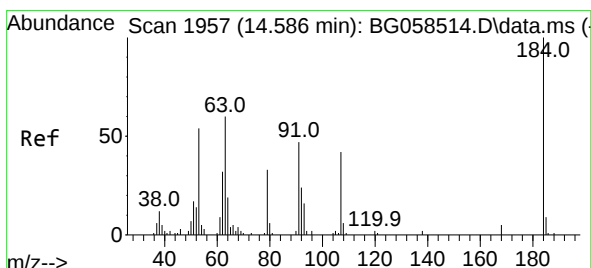
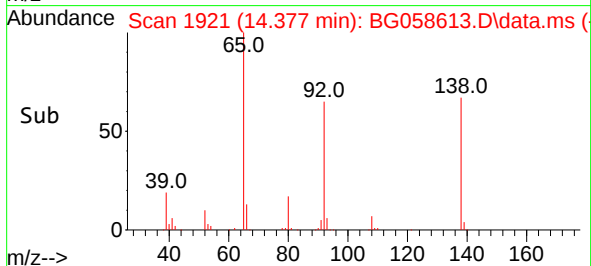
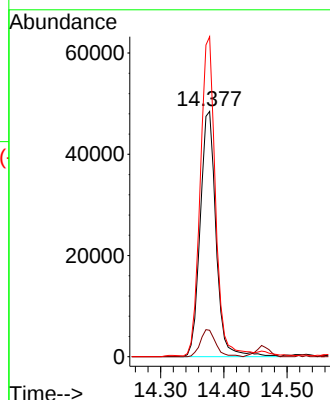
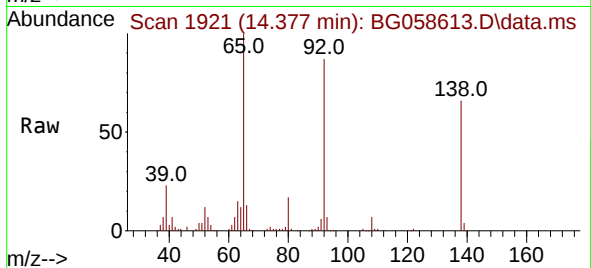
Tgt Ion:138 Resp: 84210
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 130.4 101.1 151.7

Manual Integrations
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Reviewed By :Yogesh
Patel

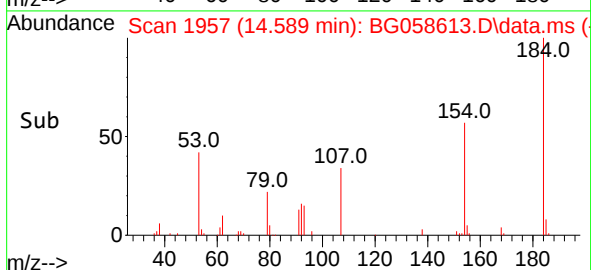
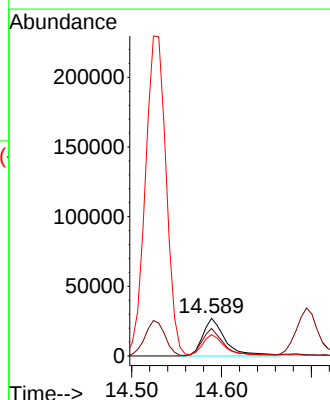
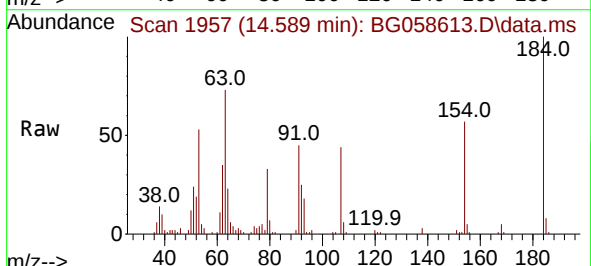
08/07/2023
Supervised By :mohammad
ahmed

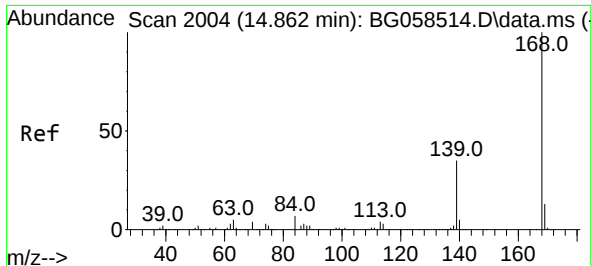
08/07/2023



#54
2,4-Dinitrophenol
Concen: 35.884 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

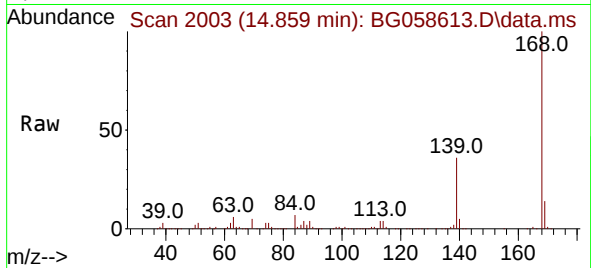
Tgt Ion:184 Resp: 47121
Ion Ratio Lower Upper
184 100
63 73.2 56.7 85.1
154 56.6 46.1 69.1





#55
Dibenzofuran
Concen: 42.922 ng
RT: 14.859 min Scan# 2004
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



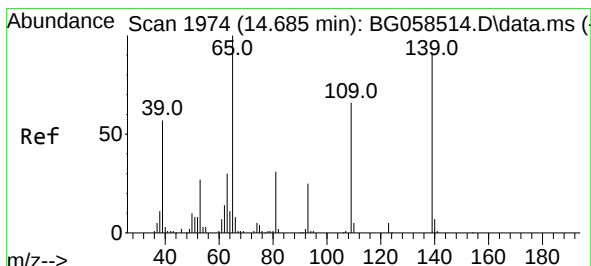
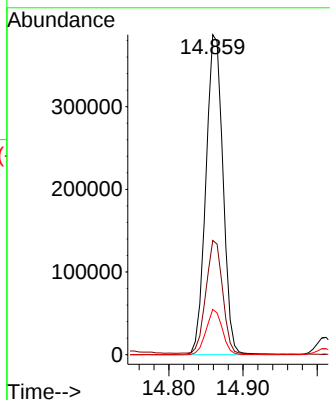
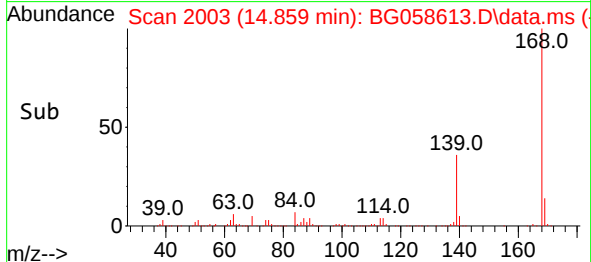
Tgt Ion:168 Resp: 61855
Ion Ratio Lower Upper
168 100
139 35.7 27.8 41.8
169 14.1 10.6 16.0

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Reviewed By :Yogesh
Patel

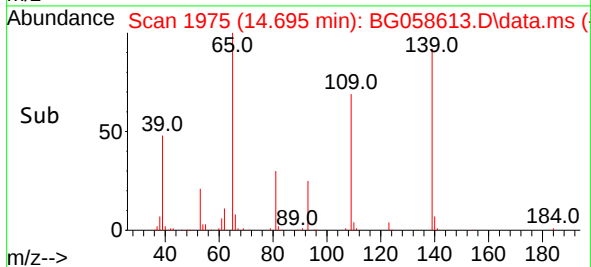
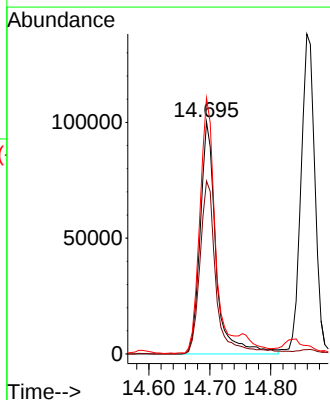
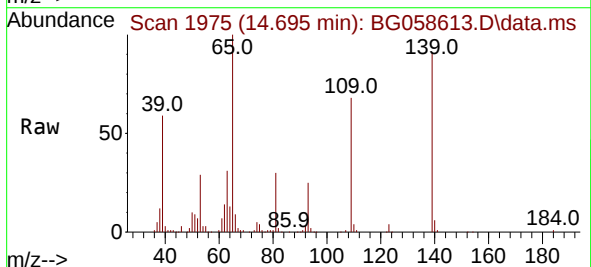
08/07/2023
Supervised By :mohammad
ahmed

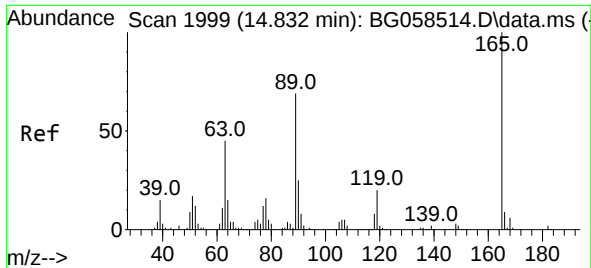
08/07/2023



#56
4-Nitrophenol
Concen: 91.087 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

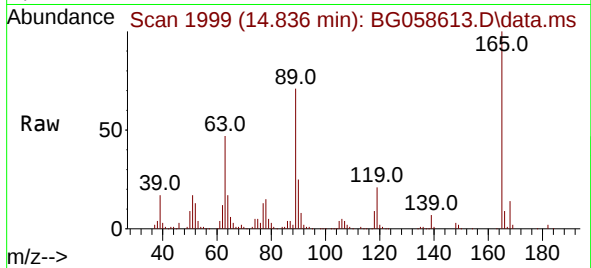
Tgt Ion:139 Resp: 181116
Ion Ratio Lower Upper
139 100
109 74.5 52.5 92.5
65 110.2 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 44.857 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



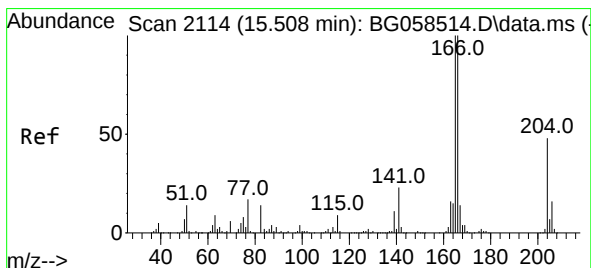
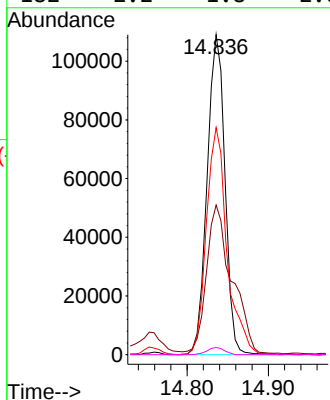
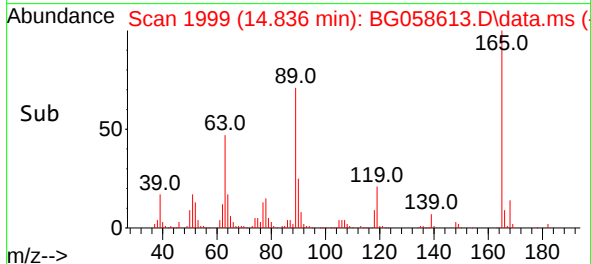
Tgt Ion:165 Resp: 165917
Ion Ratio Lower Upper
165 100
63 46.7 36.6 54.8
89 71.0 55.4 83.0
182 2.2 1.8 2.6

Manual Integrations
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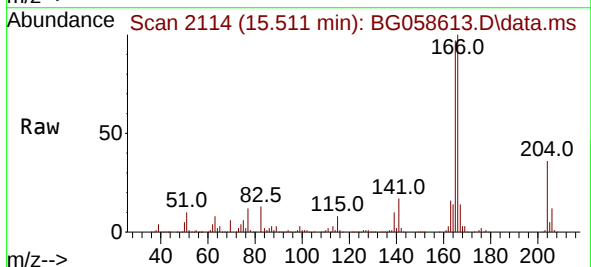
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

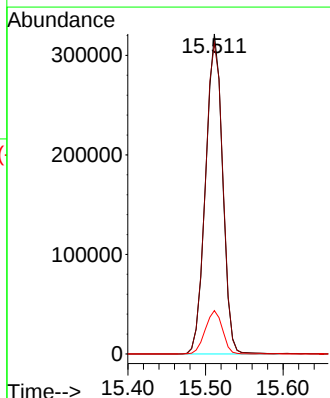
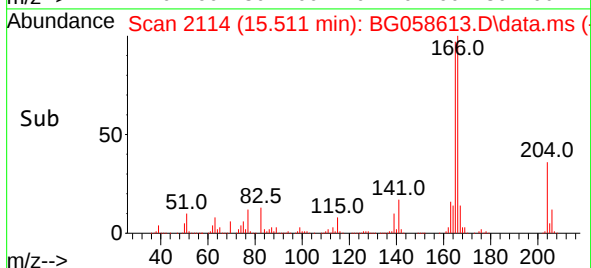
08/07/2023



#58
Fluorene
Concen: 42.624 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



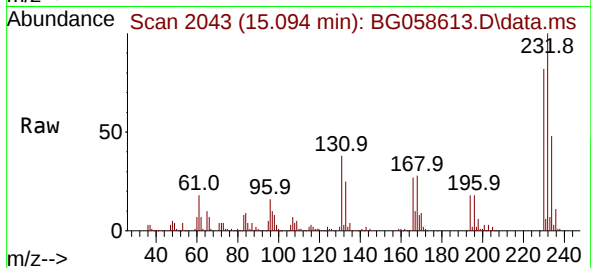
Tgt Ion:166 Resp: 487972
Ion Ratio Lower Upper
166 100
165 97.2 80.0 120.0
167 13.5 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.187 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



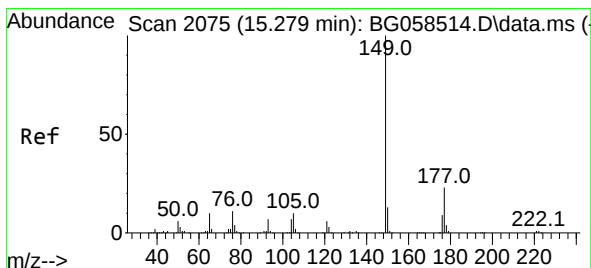
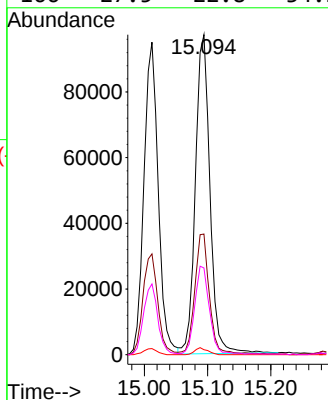
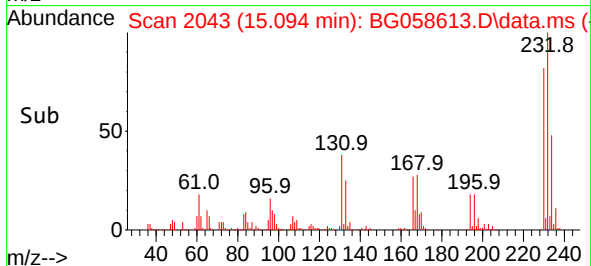
Tgt Ion:232 Resp: 15527
Ion Ratio Lower Upper
232 100
131 36.6 30.0 45.0
130 1.9 1.5 2.3
166 27.5 22.8 34.2

Manual Integrations
APPROVED

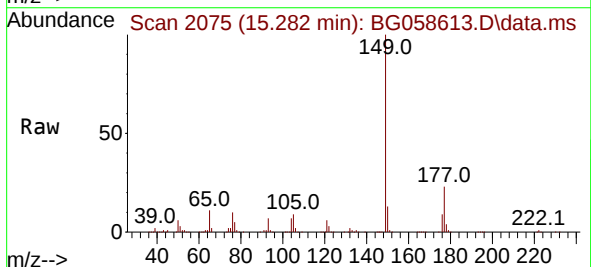
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

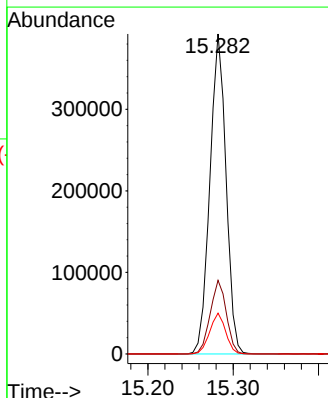
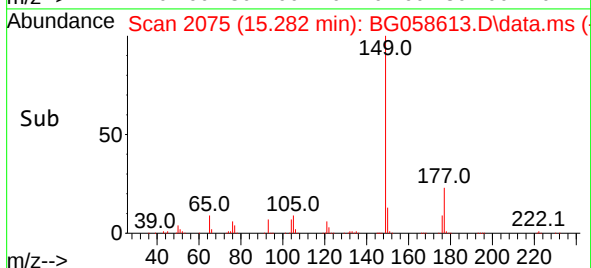
08/07/2023

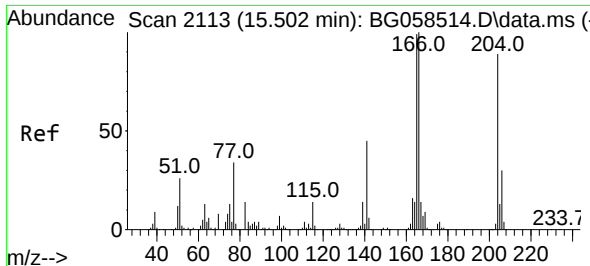


#60
Diethylphthalate
Concen: 41.721 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



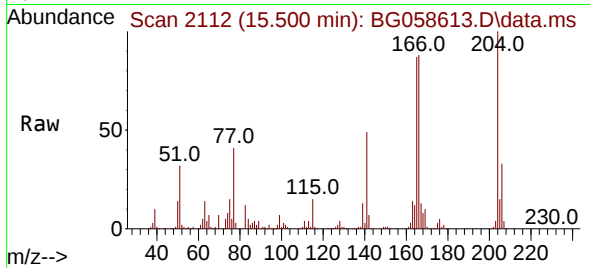
Tgt Ion:149 Resp: 516812
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.655 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



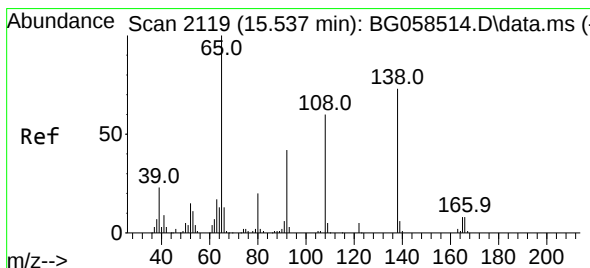
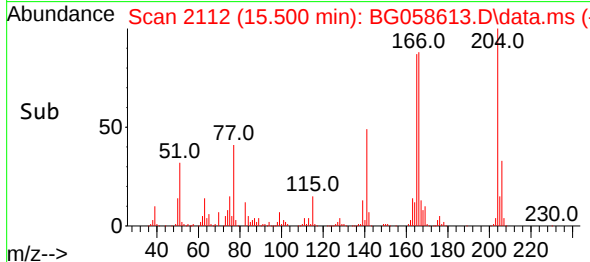
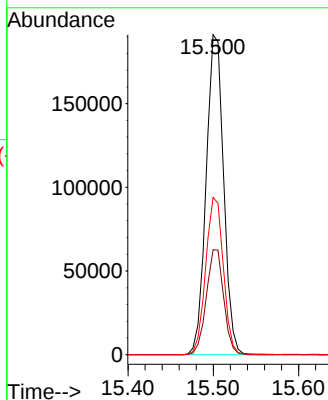
Tgt Ion:204 Resp: 272250
Ion Ratio Lower Upper
204 100
206 32.8 27.0 40.4
141 49.2 40.8 61.2

Manual Integrations
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Reviewed By :Yogesh
Patel

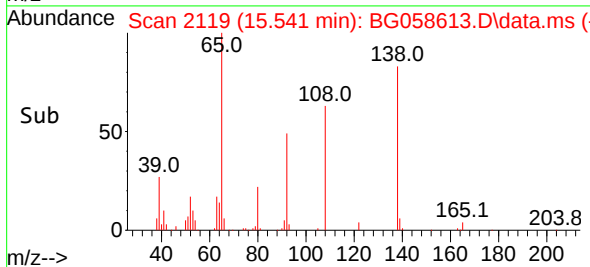
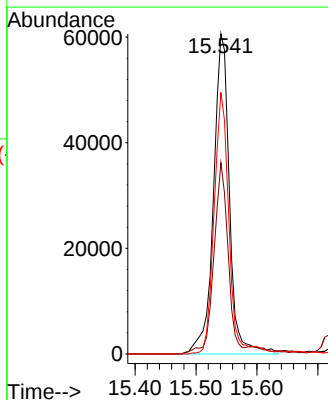
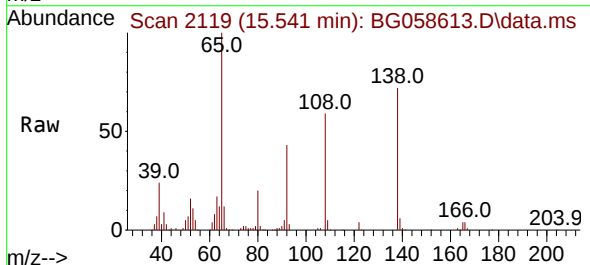
08/07/2023
Supervised By :mohammad
ahmed

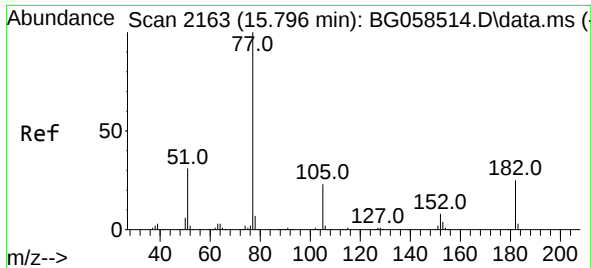
08/07/2023



#62
4-Nitroaniline
Concen: 43.623 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

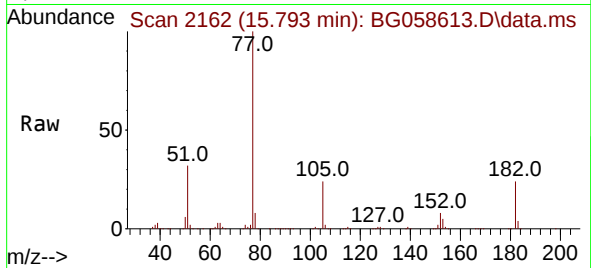
Tgt Ion:138 Resp: 110307
Ion Ratio Lower Upper
138 100
92 59.7 37.3 77.3
108 81.8 62.6 102.6





#63
Azobenzene
Concen: 42.384 ng
RT: 15.793 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



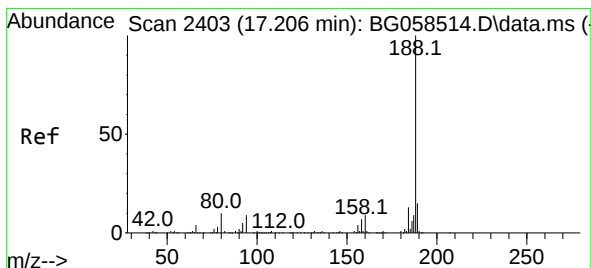
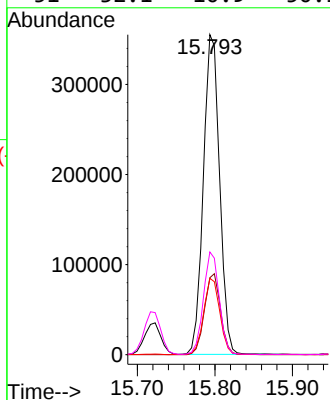
Tgt Ion: 77 Resp: 51713
Ion Ratio Lower Upper
77 100
182 24.1 4.6 44.6
105 23.9 3.3 43.3
51 32.1 10.9 50.9

Manual Integrations
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Reviewed By :Yogesh
Patel

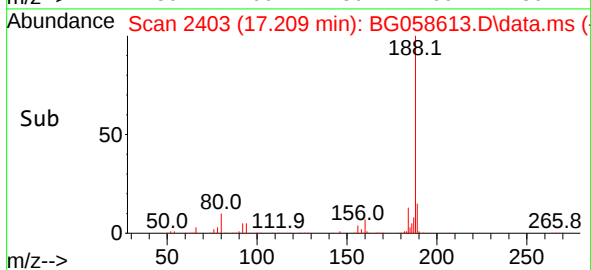
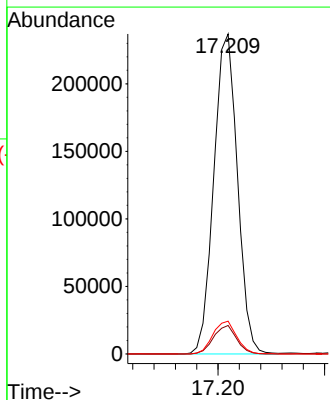
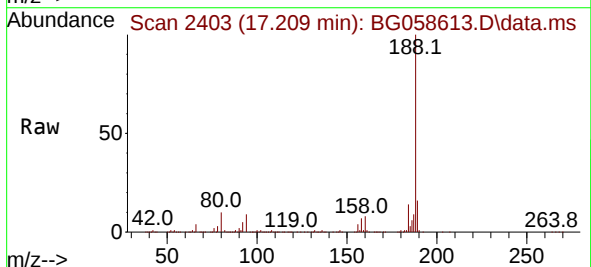
08/07/2023
Supervised By :mohammad
ahmed

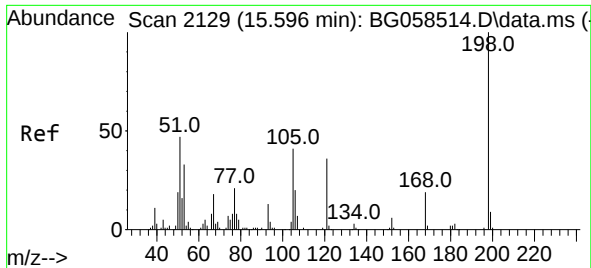
08/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:188 Resp: 364082
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.3 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 30.741 ng
RT: 15.599 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS

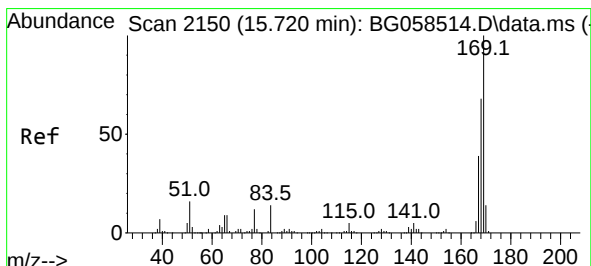
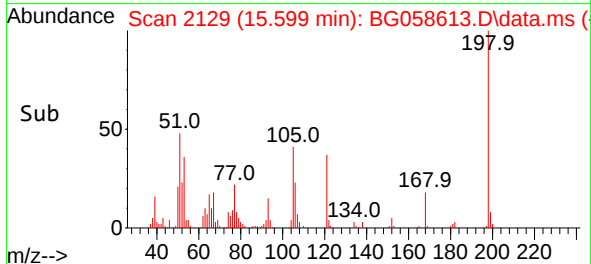
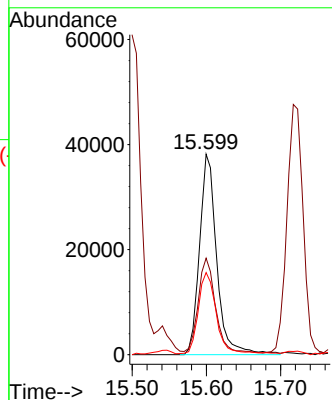
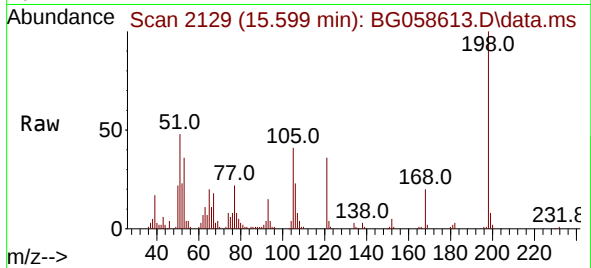
Tgt Ion:198 Resp: 61712
Ion Ratio Lower Upper
198 100
51 48.2 29.3 69.3
105 41.0 21.0 61.0

Manual Integrations
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Reviewed By :Yogesh
Patel

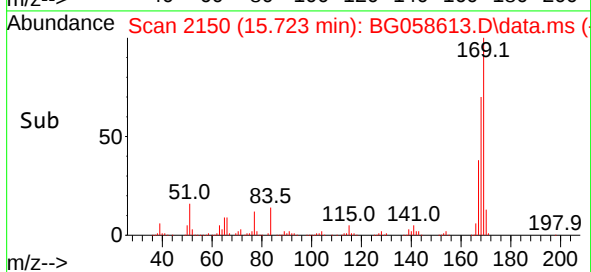
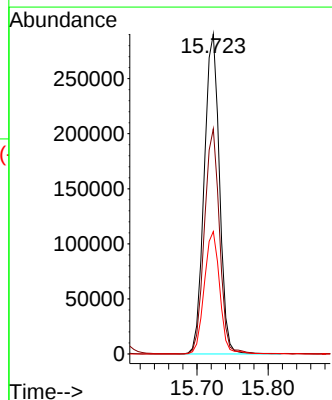
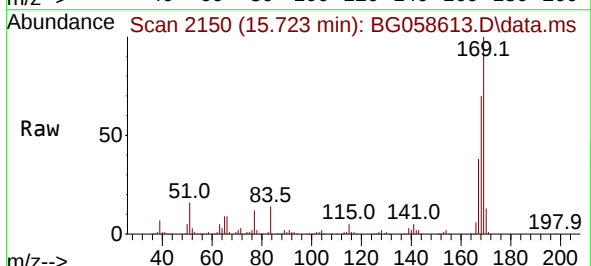
08/07/2023
Supervised By :mohammad
ahmed

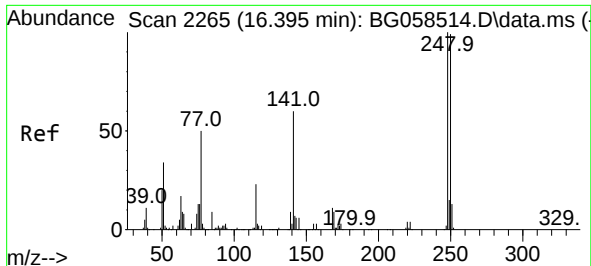
08/07/2023



#66
n-Nitrosodiphenylamine
Concen: 45.719 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

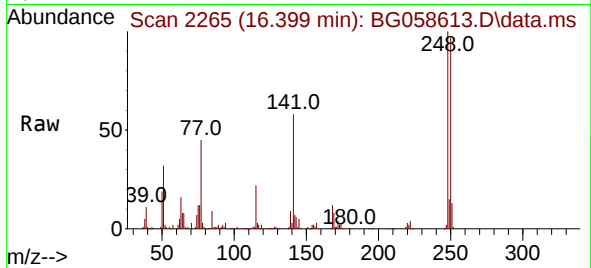
Tgt Ion:169 Resp: 433239
Ion Ratio Lower Upper
169 100
168 70.4 54.6 82.0
167 38.3 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 44.943 ng
RT: 16.399 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



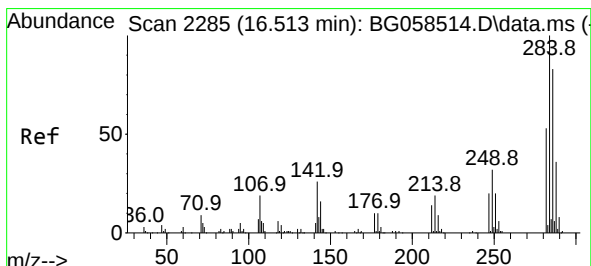
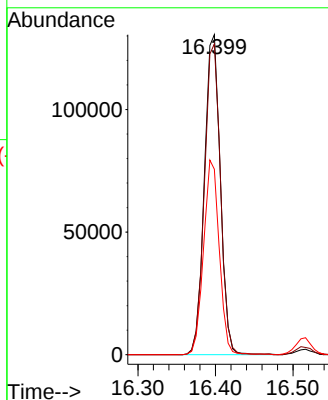
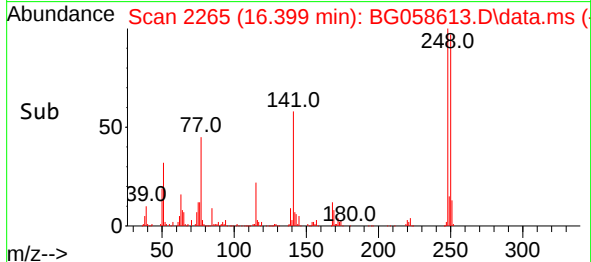
Tgt Ion:248 Resp: 18559
Ion Ratio Lower Upper
248 100
250 97.1 79.5 119.3
141 57.9 48.2 72.2

Manual Integrations
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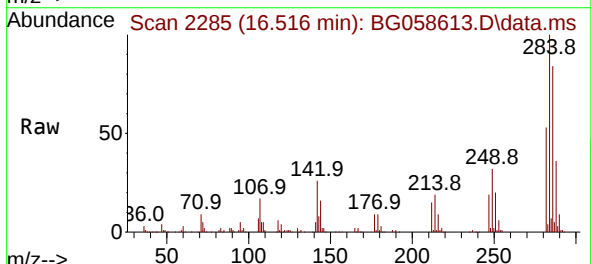
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

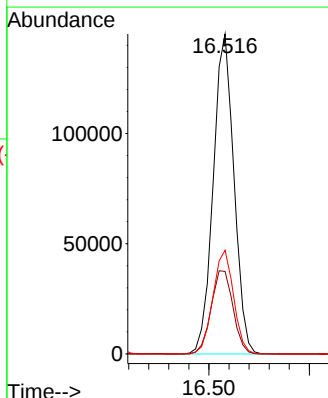
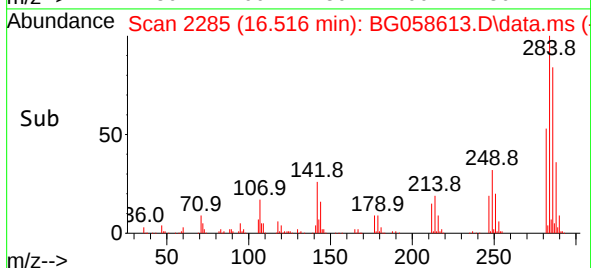
08/07/2023

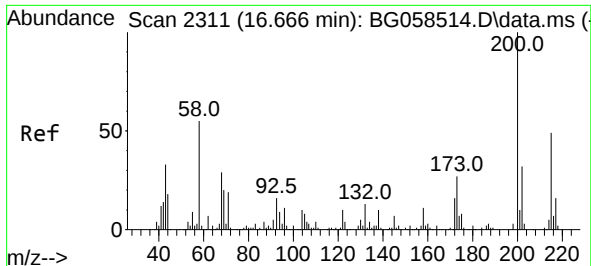


#68
Hexachlorobenzene
Concen: 47.429 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



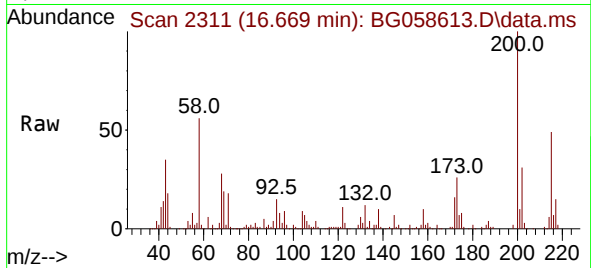
Tgt Ion:284 Resp: 207542
Ion Ratio Lower Upper
284 100
142 25.8 21.0 31.4
249 32.4 25.5 38.3





#69
 Atrazine
 Concen: 55.653 ng
 RT: 16.669 min Scan# 2311
 Delta R.T. 0.003 min
 Lab File: BG058613.D
 Acq: 4 Aug 2023 16:09

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MS



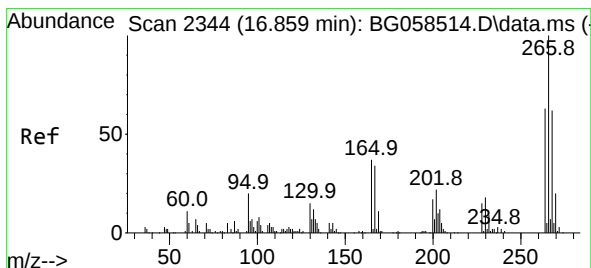
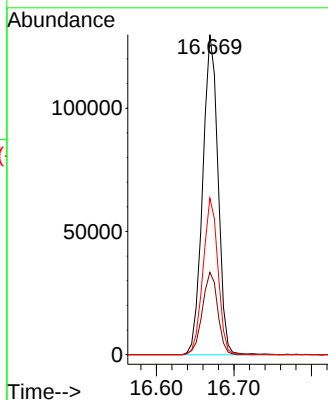
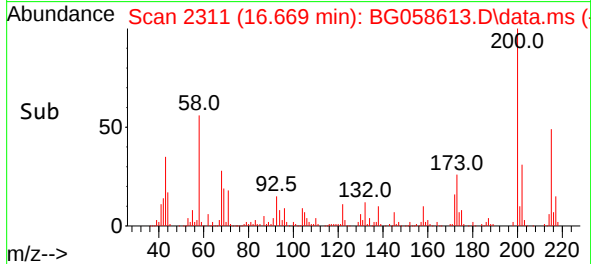
Tgt Ion:200 Resp: 178028
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.5 46.5
 215 49.0 28.9 68.9

Manual Integrations
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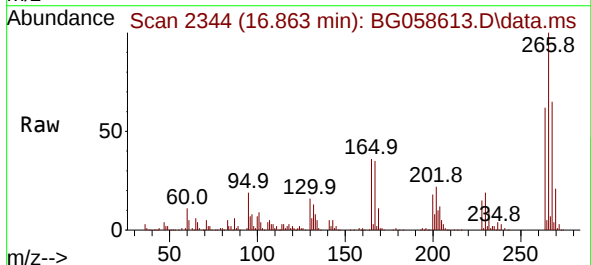
Reviewed By :Yogesh
 Patel

08/07/2023
 Supervised By :mohammad
 ahmed

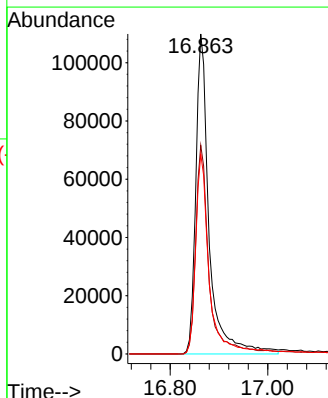
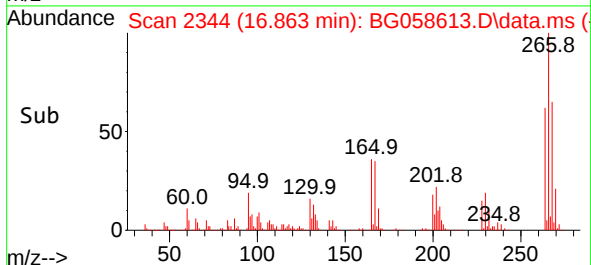
08/07/2023

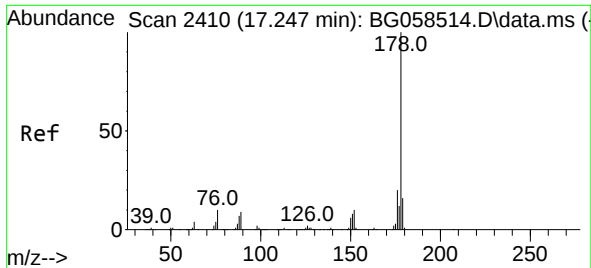


#70
 Pentachlorophenol
 Concen: 79.362 ng
 RT: 16.863 min Scan# 2344
 Delta R.T. 0.004 min
 Lab File: BG058613.D
 Acq: 4 Aug 2023 16:09



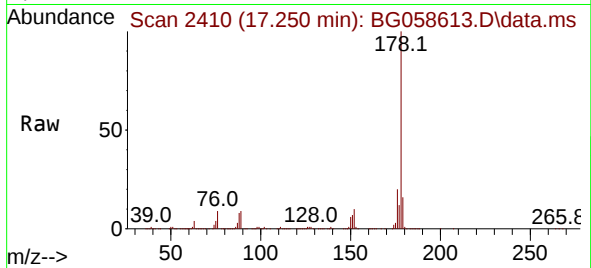
Tgt Ion:266 Resp: 210196
 Ion Ratio Lower Upper
 266 100
 268 65.2 49.9 74.9
 264 62.4 50.2 75.4





#71
Phenanthrene
Concen: 44.607 ng
RT: 17.250 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



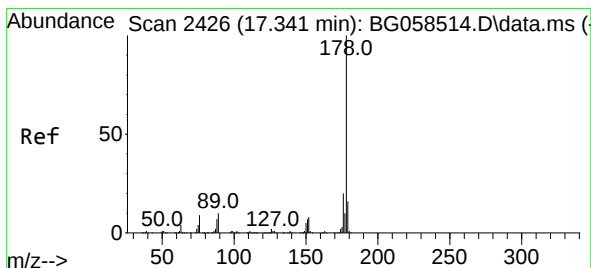
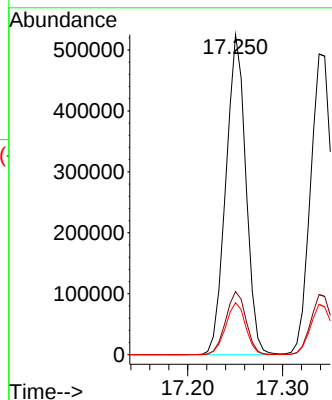
Tgt Ion:178 Resp: 770204
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 16.3 13.1 19.7

Manual Integrations
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Reviewed By :Yogesh
Patel

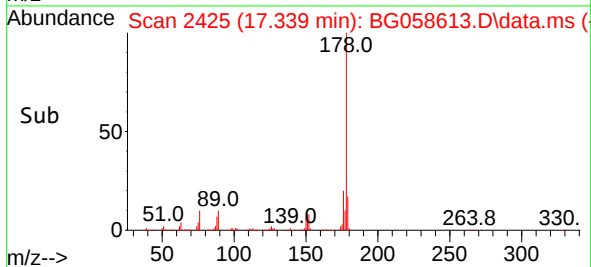
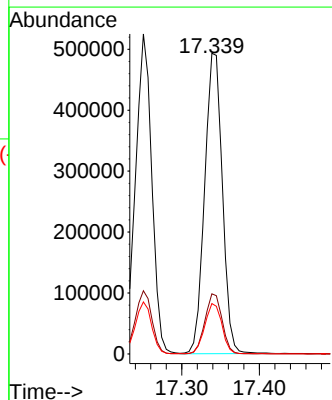
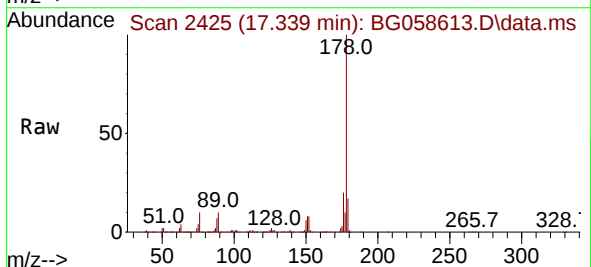
08/07/2023
Supervised By :mohammad
ahmed

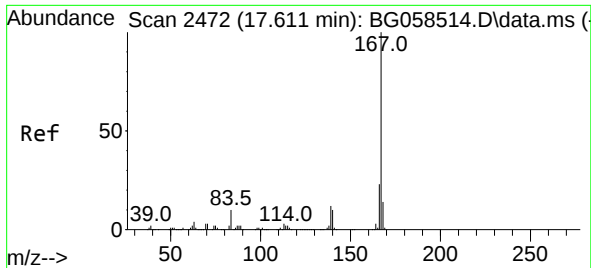
08/07/2023



#72
Anthracene
Concen: 44.124 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

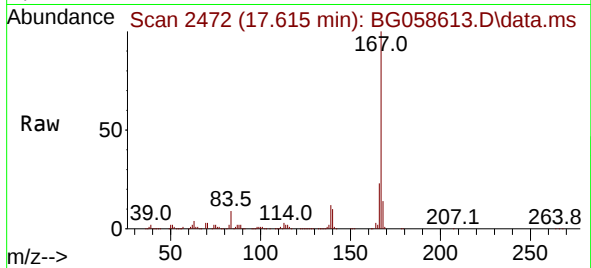
Tgt Ion:178 Resp: 781733
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.8 12.9 19.3





#73
 Carbazole
 Concen: 46.908 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG058613.D
 Acq: 4 Aug 2023 16:09

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MS



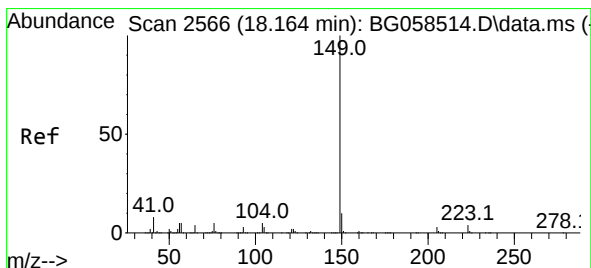
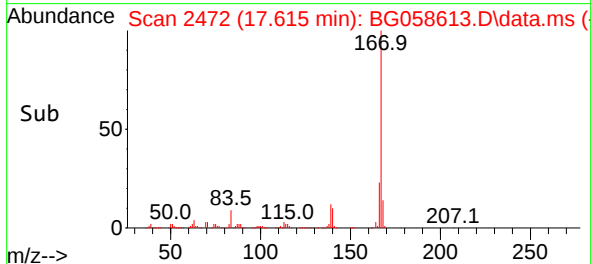
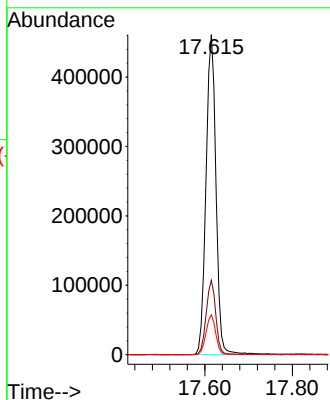
Tgt Ion:167 Resp: 73285
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.4 27.6
 139 12.5 10.0 15.0

Manual Integrations
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Reviewed By :Yogesh
 Patel

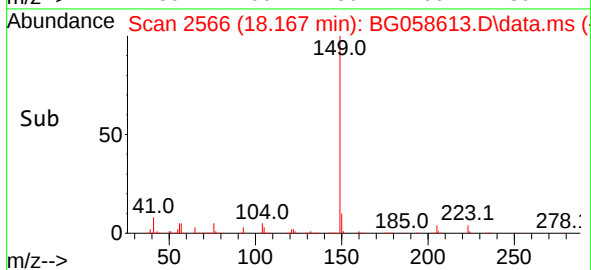
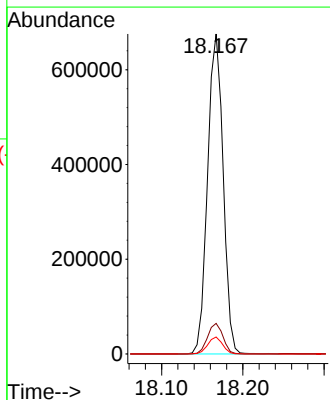
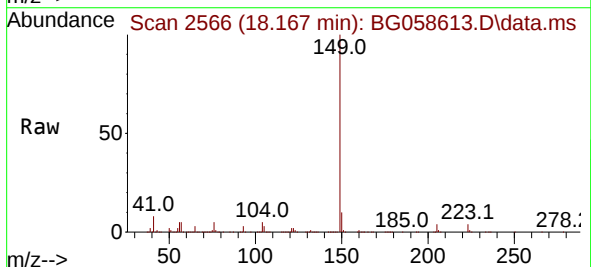
08/07/2023
 Supervised By :mohammad
 ahmed

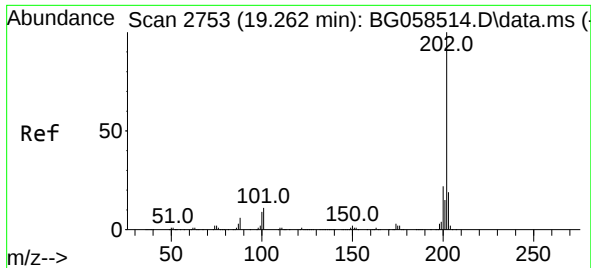
08/07/2023



#74
 Di-n-butylphthalate
 Concen: 45.816 ng
 RT: 18.167 min Scan# 2566
 Delta R.T. 0.003 min
 Lab File: BG058613.D
 Acq: 4 Aug 2023 16:09

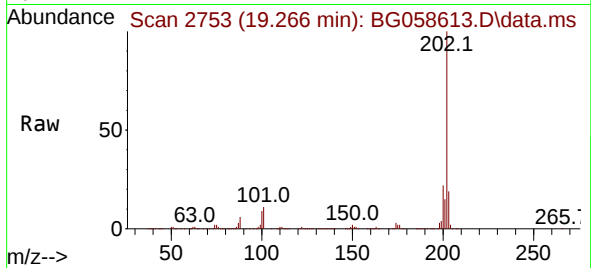
Tgt Ion:149 Resp: 896566
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 44.576 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



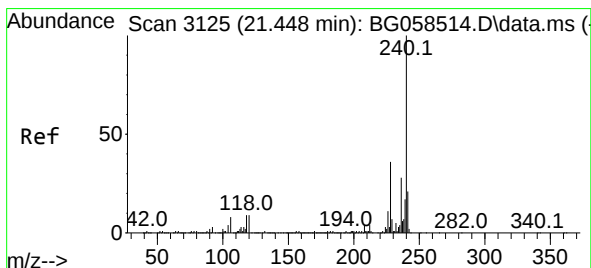
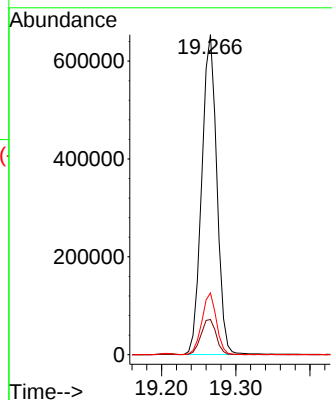
Tgt Ion:202 Resp: 92453
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 19.3 0.0 39.0

Manual Integrations
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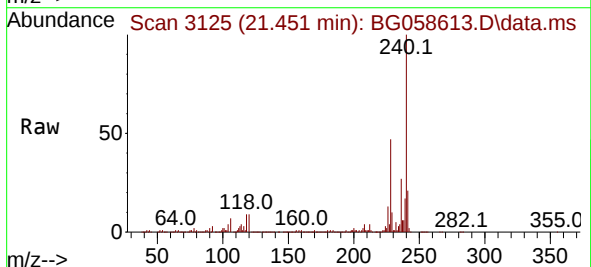
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

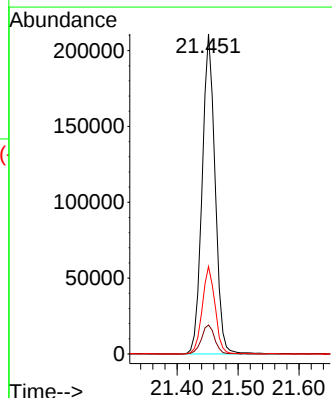
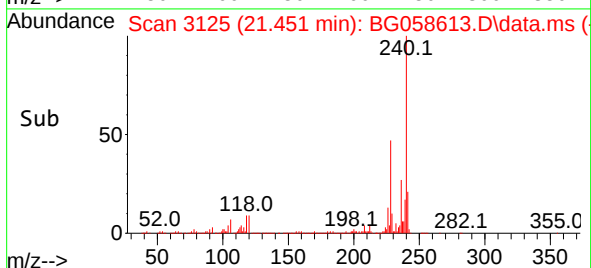
08/07/2023

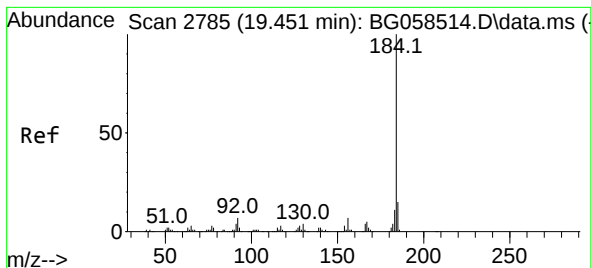


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



Tgt Ion:240 Resp: 311635
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 27.4 22.2 33.4





#77

Benzidine

Concen: 44.684 ng

RT: 19.448 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MS

Tgt Ion:184 Resp: 211159
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.9 17.9
 183 11.9 8.7 13.1

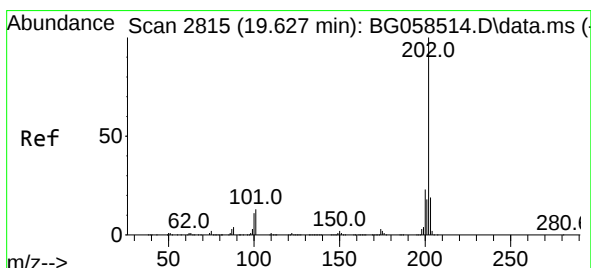
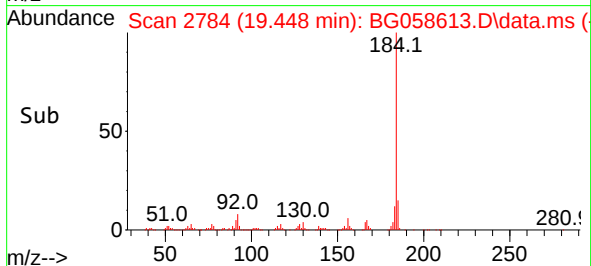
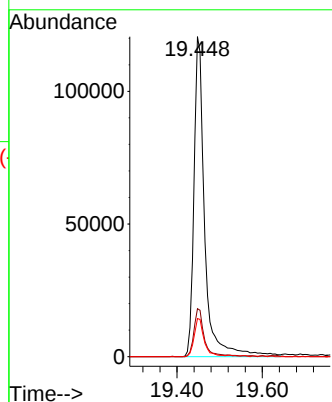
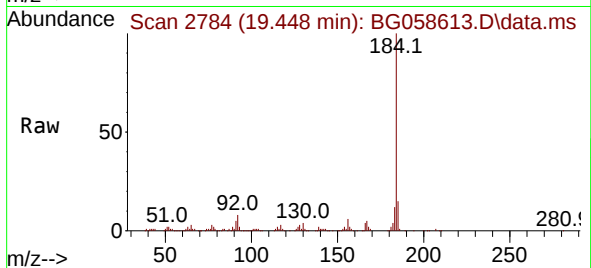
Manual Integrations
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Reviewed By :Yogesh
 Patel

08/07/2023

Supervised By :mohammad
 ahmed

08/07/2023



#78

Pyrene

Concen: 45.013 ng

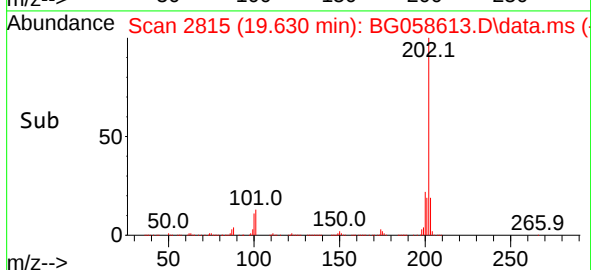
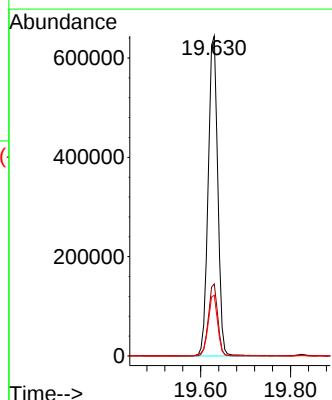
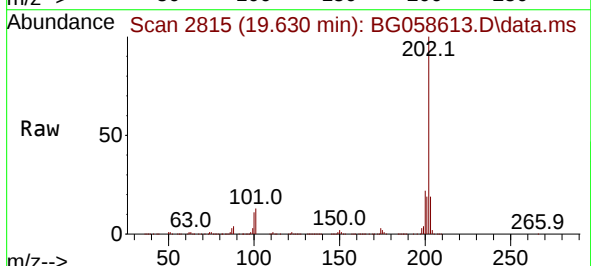
RT: 19.630 min Scan# 2815

Delta R.T. 0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

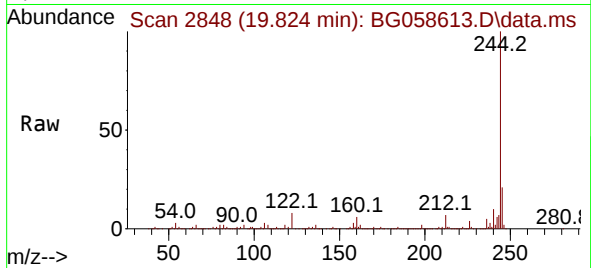
Tgt Ion:202 Resp: 954659
 Ion Ratio Lower Upper
 202 100
 200 22.5 18.2 27.2
 203 19.0 15.1 22.7





#79
 Terphenyl-d14
 Concen: 68.964 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058613.D
 Acq: 4 Aug 2023 16:09

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MS



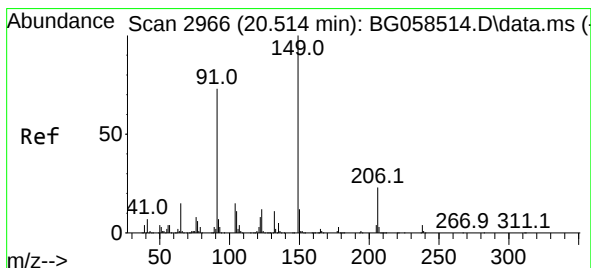
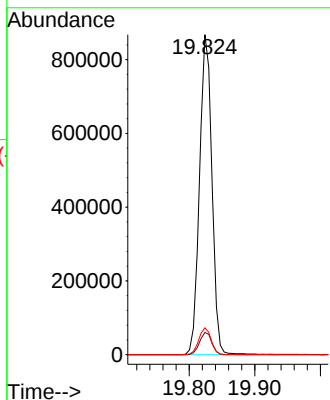
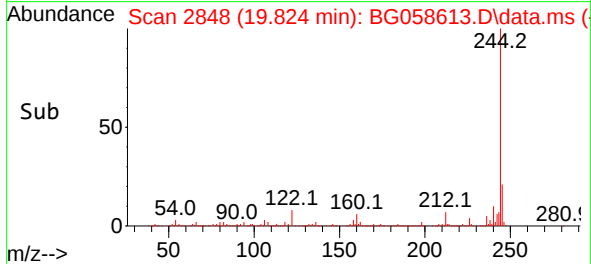
Tgt Ion:244 Resp: 114284
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.4 6.8 10.2

Manual Integrations
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Reviewed By :Yogesh
 Patel

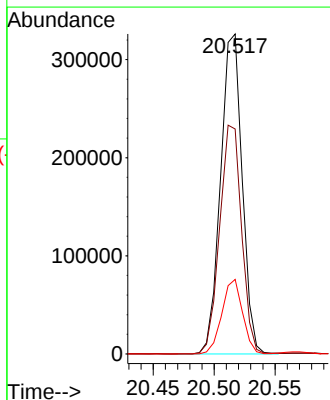
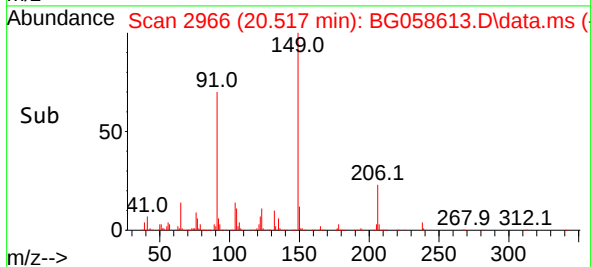
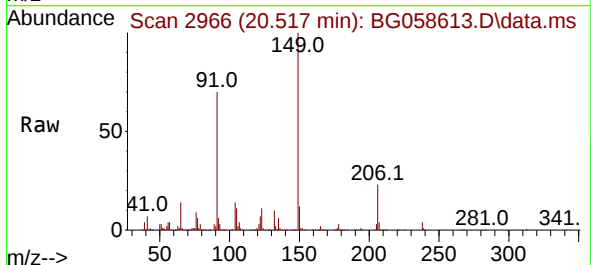
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 Supervised By :mohammad
 ahmed

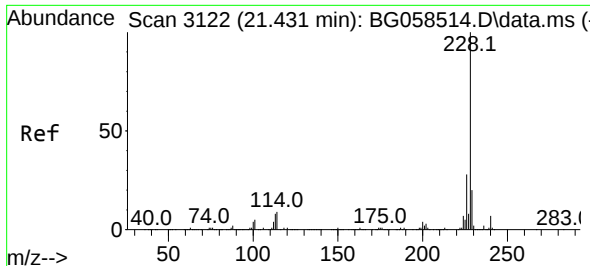
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#80
 Butylbenzylphthalate
 Concen: 46.271 ng
 RT: 20.517 min Scan# 2966
 Delta R.T. 0.003 min
 Lab File: BG058613.D
 Acq: 4 Aug 2023 16:09

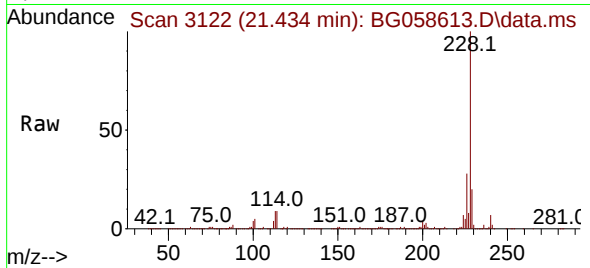
Tgt Ion:149 Resp: 403090
 Ion Ratio Lower Upper
 149 100
 91 70.3 58.4 87.6
 206 23.3 18.3 27.5





#81
Benzo(a)anthracene
Concen: 45.781 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



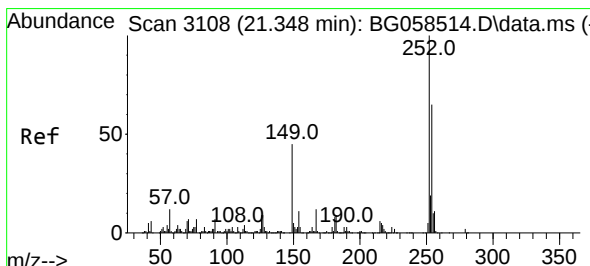
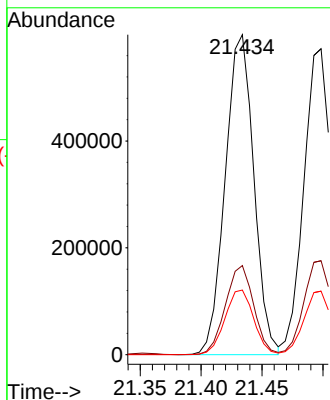
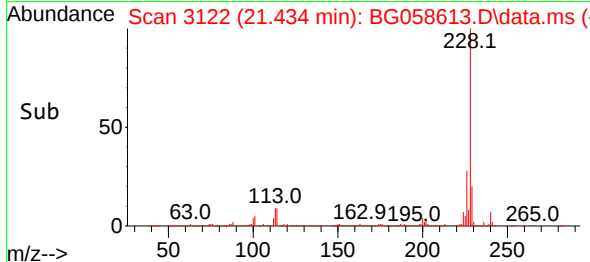
Tgt Ion:228 Resp: 981849
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.2 16.3 24.5

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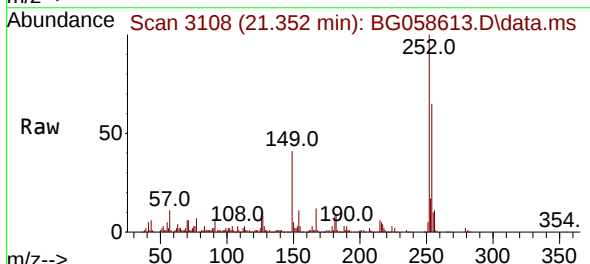
Reviewed By :Yogesh
Patel

08/07/2023
Supervised By :mohammad
ahmed

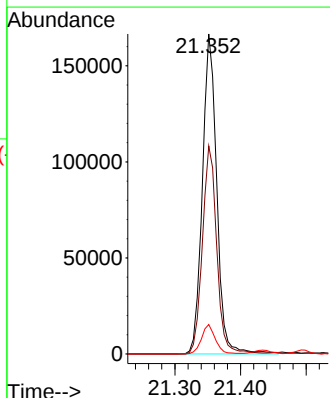
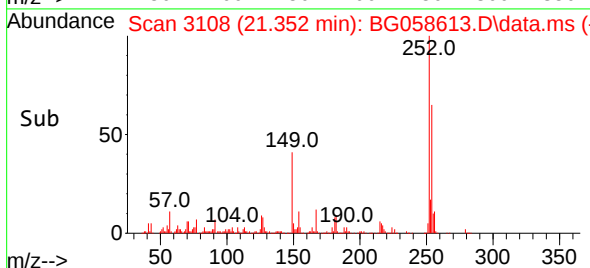
08/07/2023

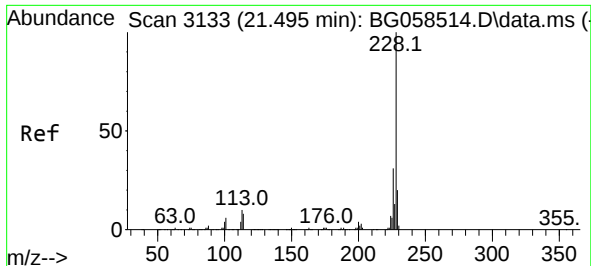


#82
3,3'-Dichlorobenzidine
Concen: 35.091 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09



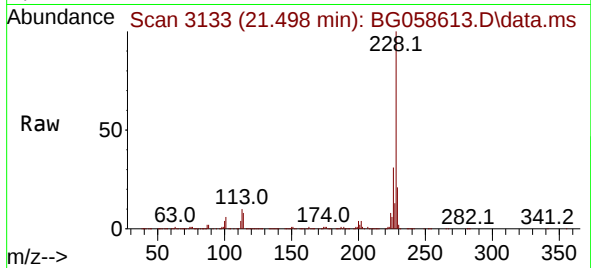
Tgt Ion:252 Resp: 254450
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.4
126 9.2 7.2 10.8





#83
Chrysene
Concen: 44.333 ng
RT: 21.498 min Scan# 3133
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



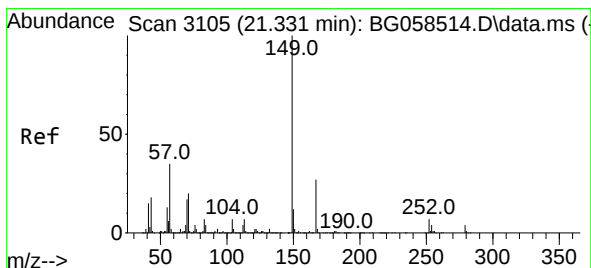
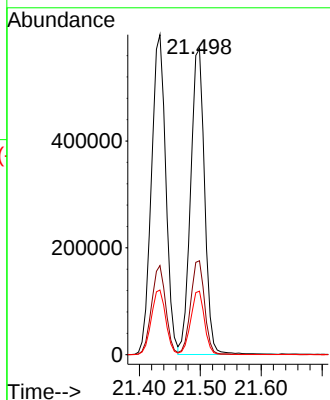
Tgt Ion:228 Resp: 911600
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 20.7 16.3 24.5

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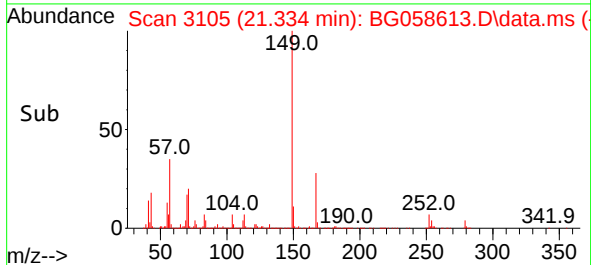
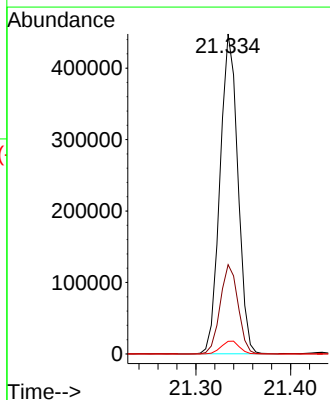
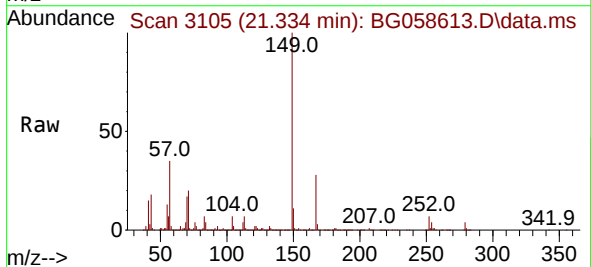
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Supervised By :mohammad
ahmed

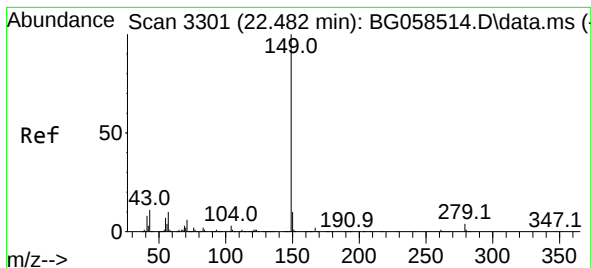
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.121 ng
RT: 21.334 min Scan# 3105
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

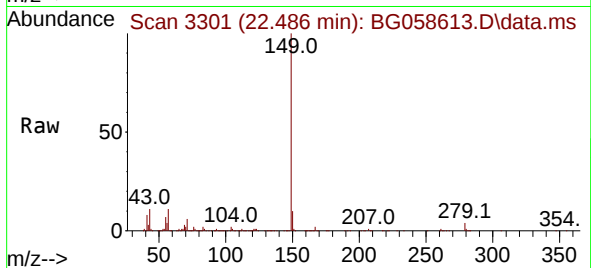
Tgt Ion:149 Resp: 587141
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.8
279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 46.654 ng
RT: 22.486 min Scan# 3301
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



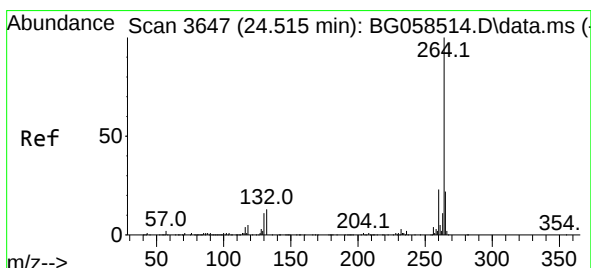
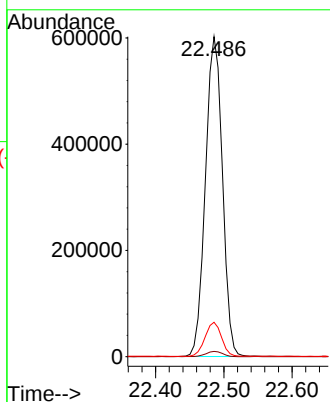
Tgt Ion:149 Resp: 104420
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 8.2 12.2

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Reviewed By :Yogesh
Patel

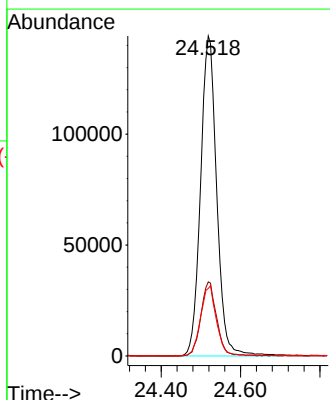
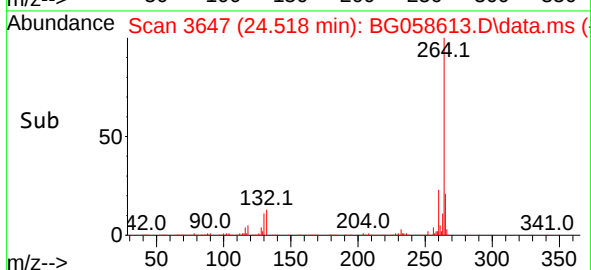
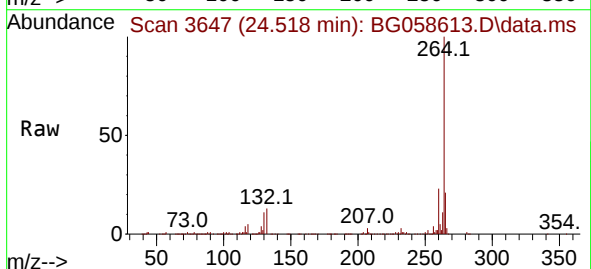
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ahmed

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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3647
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:264 Resp: 407562
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.827 ng

RT: 28.014 min Scan# 4242

Delta R.T. 0.003 min

Lab File: BG058613.D

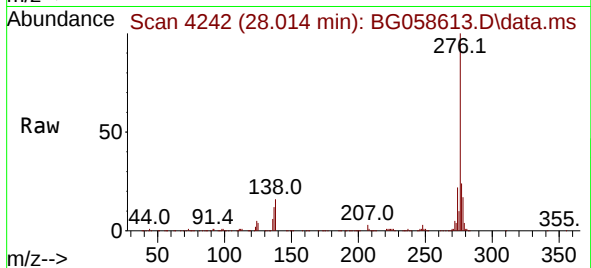
Acq: 4 Aug 2023 16:09

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:276 Resp: 124254

Ion Ratio Lower Upper

276 100

138 9.0 16.0 24.0

277 23.8 20.4 30.6

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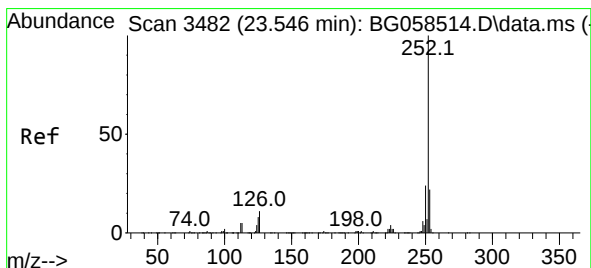
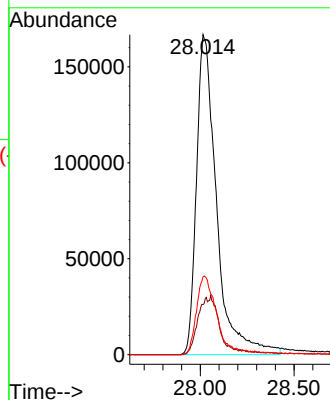
Reviewed By :Yogesh

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ahmed

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#88

Benzo(b)fluoranthene

Concen: 46.871 ng

RT: 23.549 min Scan# 3482

Delta R.T. 0.003 min

Lab File: BG058613.D

Acq: 4 Aug 2023 16:09

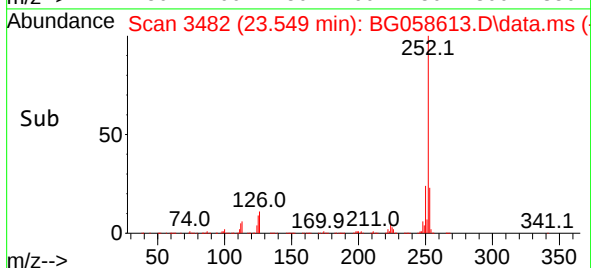
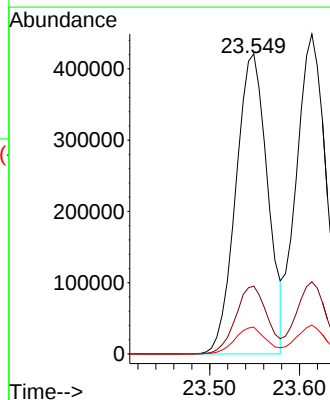
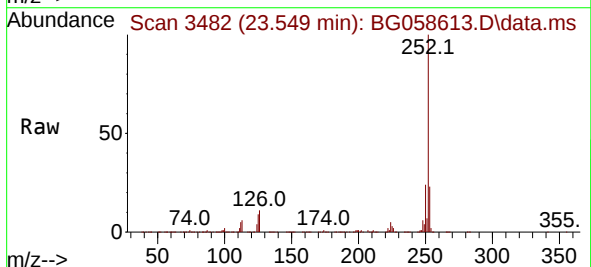
Tgt Ion:252 Resp: 1036088

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

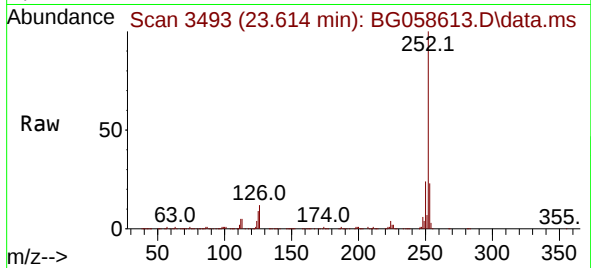
125 9.0 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 46.449 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



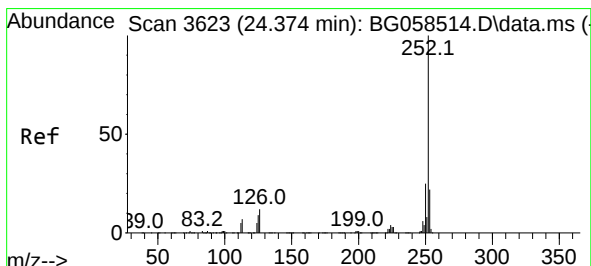
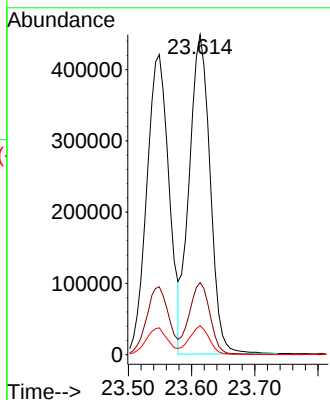
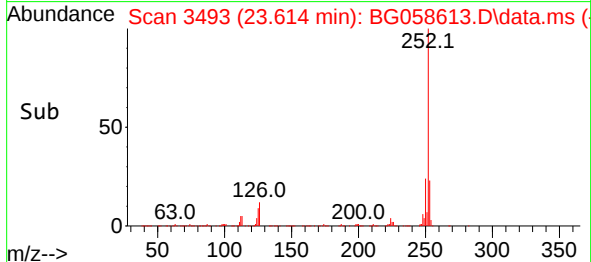
Tgt Ion:252 Resp: 1031498
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.1 6.6 10.0

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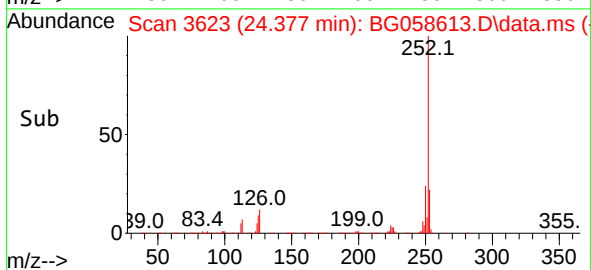
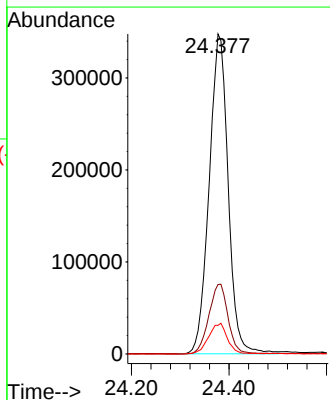
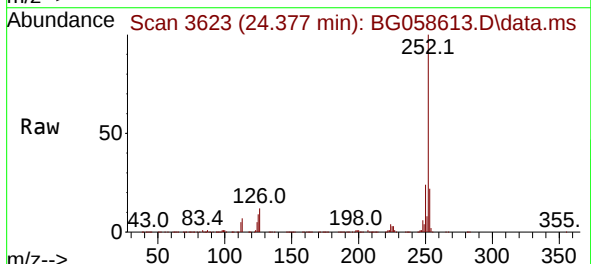
08/07/2023
Supervised By :mohammad
ahmed

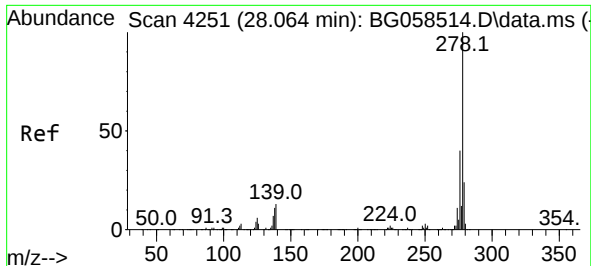
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#90
Benzo(a)pyrene
Concen: 43.278 ng
RT: 24.377 min Scan# 3623
Delta R.T. 0.003 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

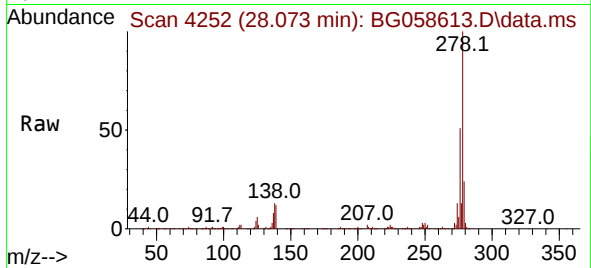
Tgt Ion:252 Resp: 939522
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 45.695 ng
RT: 28.073 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MS



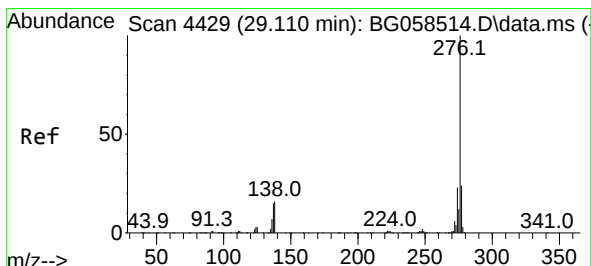
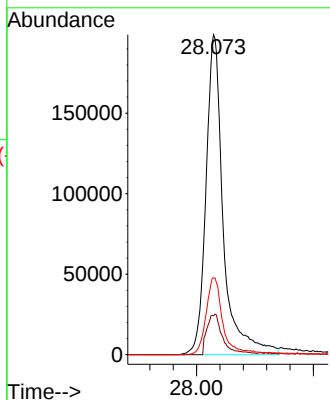
Tgt Ion:278 Resp: 102444
Ion Ratio Lower Upper
278 100
139 12.2 10.4 15.6
279 24.0 19.0 28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 41.687 ng
RT: 29.125 min Scan# 4431
Delta R.T. 0.015 min
Lab File: BG058613.D
Acq: 4 Aug 2023 16:09

Tgt Ion:276 Resp: 937160
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 17.2 13.0 19.4

