

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058576.D
 Acq On : 2 Aug 2023 13:22
 Operator : MA/JU
 Sample : 03686-14MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 02:41:03 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	7.809	152	54683	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	239185	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	163891	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	364824	20.000	ng	0.00
76) Chrysene-d12	21.452	240	304572	20.000	ng	0.00
86) Perylene-d12	24.519	264	394180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	314654	87.950	ng	0.00
7) Phenol-d6	6.987	99	425360	85.444	ng	0.00
23) Nitrobenzene-d5	8.979	82	257404	52.867	ng	0.00
42) 2,4,6-Tribromophenol	15.959	330	199082	74.110	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	572717	52.368	ng	0.00
79) Terphenyl-d14	19.825	244	939886	58.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.262	88	67488	38.929	ng	99
3) Pyridine	3.661	79	170811	36.139	ng	99
4) n-Nitrosodimethylamine	3.579	42	93523	46.700	ng	96
6) Aniline	7.139	93	169308	27.623	ng	100
8) 2-Chlorophenol	7.380	128	196695	56.042	ng	96
9) Benzaldehyde	6.951	77	123097	45.512	ng	98
10) Phenol	7.016	94	269370	55.392	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	190449	49.676	ng	99
12) 1,3-Dichlorobenzene	7.704	146	193336	51.587	ng	98
13) 1,4-Dichlorobenzene	7.850	146	196409	52.193	ng	95
14) 1,2-Dichlorobenzene	8.162	146	191752	53.297	ng	98
15) Benzyl Alcohol	8.056	79	182596	57.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.344	45	313826	50.393	ng	99
17) 2-Methylphenol	8.262	107	178235	50.127	ng	98
18) Hexachloroethane	8.890	117	73136	53.471	ng	96
19) n-Nitroso-di-n-propyla...	8.620	70	152782	47.513	ng	99
20) 3+4-Methylphenols	8.591	107	247506	51.461	ng	99
22) Acetophenone	8.638	105	305434	47.691	ng	98
24) Nitrobenzene	9.020	77	231456	46.760	ng	98
25) Isophorone	9.537	82	445435	44.278	ng	99
26) 2-Nitrophenol	9.731	139	109285	50.720	ng	97
27) 2,4-Dimethylphenol	9.795	122	172596	48.292	ng	99
28) bis(2-Chloroethoxy)met...	10.024	93	257962	47.119	ng	97
29) 2,4-Dichlorophenol	10.271	162	192281	51.816	ng	98
30) 1,2,4-Trichlorobenzene	10.477	180	211228	49.358	ng	99
31) Naphthalene	10.665	128	587881	46.633	ng	99
32) Benzoic acid	9.971	122	150083	54.341	ng	90
33) 4-Chloroaniline	10.782	127	82705	15.528	ng	97
34) Hexachlorobutadiene	10.947	225	133328	48.377	ng	99
35) Caprolactam	11.575	113	63435m	46.292	ng	
36) 4-Chloro-3-methylphenol	11.916	107	228286	49.731	ng	98
37) 2-Methylnaphthalene	12.281	142	401968	44.576	ng	98
38) 1-Methylnaphthalene	12.498	142	391271	45.646	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	242816	48.258	ng	99
41) Hexachlorocyclopentadiene	12.627	237	205355	87.200	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	175141	50.607	ng	96

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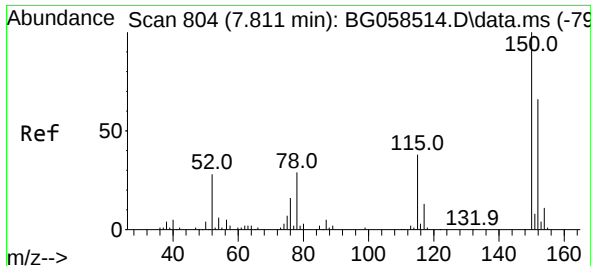
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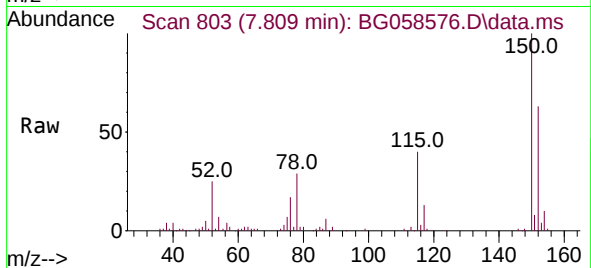
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	191170	46.898	ng	98
46) 1,1'-Biphenyl	13.291	154	537536	47.759	ng	99
47) 2-Chloronaphthalene	13.338	162	430978	49.110	ng	98
48) 2-Nitroaniline	13.550	65	161254	48.141	ng	94
49) Acenaphthylene	14.184	152	701631	47.754	ng	99
50) Dimethylphthalate	13.920	163	618831	50.276	ng	99
51) 2,6-Dinitrotoluene	14.043	165	125910	46.621	ng	97
52) Acenaphthene	14.525	154	393408	46.340	ng	100
53) 3-Nitroaniline	14.372	138	92026	34.058	ng	100
54) 2,4-Dinitrophenol	14.590	184	125137	81.989	ng	98
55) Dibenzofuran	14.860	168	665290	45.605	ng	99
56) 4-Nitrophenol	14.695	139	187899	93.270	ng	96
57) 2,4-Dinitrotoluene	14.836	165	175257	46.807	ng	96
58) Fluorene	15.512	166	521952	45.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.095	232	165747	47.651	ng	99
60) Diethylphthalate	15.283	149	551427	43.975	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	290781	45.006	ng	98
62) 4-Nitroaniline	15.541	138	117292	45.823	ng	96
63) Azobenzene	15.794	77	555309	44.961	ng	99
65) 4,6-Dinitro-2-methylph...	15.600	198	95884	47.666	ng	99
66) n-Nitrosodiphenylamine	15.724	169	458618	48.299	ng	98
67) 4-Bromophenyl-phenylether	16.399	248	198302	47.924	ng	97
68) Hexachlorobenzene	16.517	284	224405	51.179	ng	98
69) Atrazine	16.669	200	182866	57.049	ng	99
70) Pentachlorophenol	16.863	266	235086	88.579	ng	98
71) Phenanthrene	17.251	178	803414	46.436	ng	99
72) Anthracene	17.339	178	828904	46.692	ng	99
73) Carbazole	17.615	167	758653	48.461	ng	100
74) Di-n-butylphthalate	18.168	149	942305	48.056	ng	100
75) Fluoranthene	19.266	202	943297	45.388	ng	99
77) Benzidine	19.449	184	399492	86.497	ng	99
78) Pyrene	19.631	202	982230	47.387	ng	100
80) Butylbenzylphthalate	20.512	149	439175	51.582	ng	99
81) Benzo(a)anthracene	21.429	228	1008876	48.133	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	249874	35.259	ng	99
83) Chrysene	21.493	228	937172	46.633	ng	99
84) Bis(2-ethylhexyl)phtha...	21.335	149	630991	50.715	ng	100
85) Di-n-octyl phthalate	22.486	149	1084916	49.597	ng	100
87) Indeno(1,2,3-cd)pyrene	28.027	276	1284657	48.989	ng	99
88) Benzo(b)fluoranthene	23.550	252	1059585	49.561	ng	98
89) Benzo(k)fluoranthene	23.614	252	1018647	47.428	ng	99
90) Benzo(a)pyrene	24.378	252	957534	45.606	ng	98
91) Dibenzo(a,h)anthracene	28.080	278	1077027	49.671	ng	100
92) Benzo(g,h,i)perylene	29.120	276	1027087	47.238	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

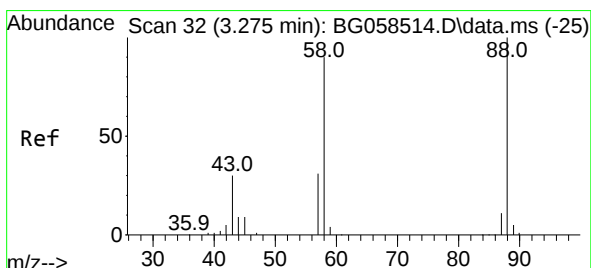
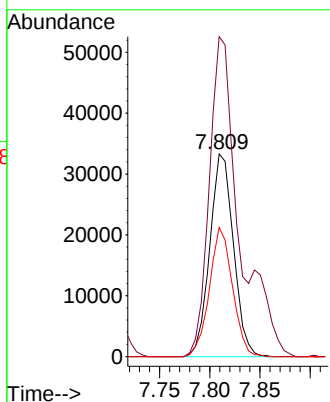
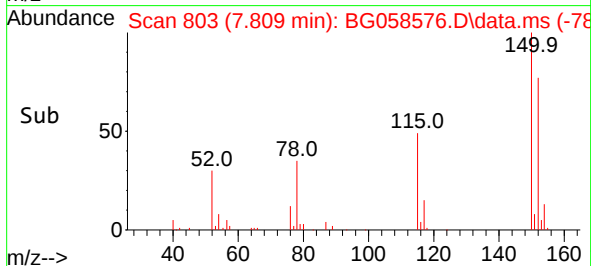
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:152 Resp: 54683
Ion Ratio Lower Upper
152 100
150 157.9 120.5 180.7
115 63.7 45.9 68.9

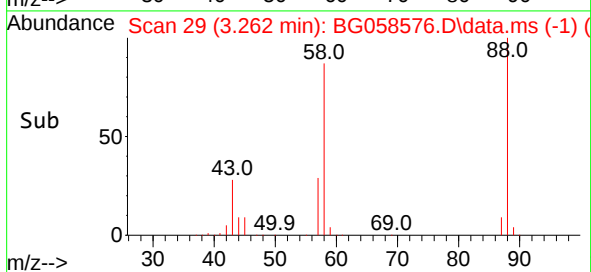
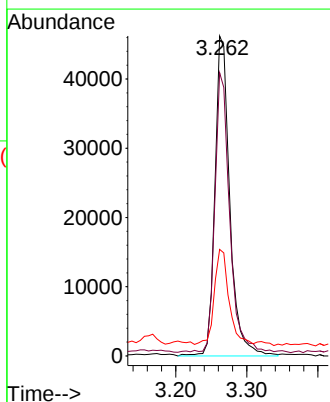
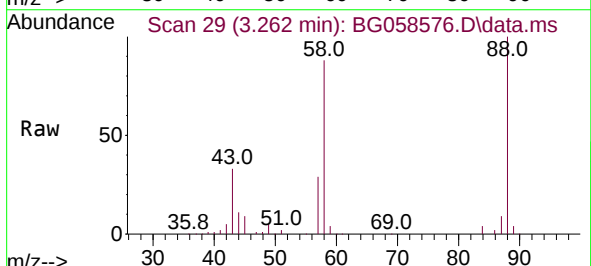
Manual Integrations
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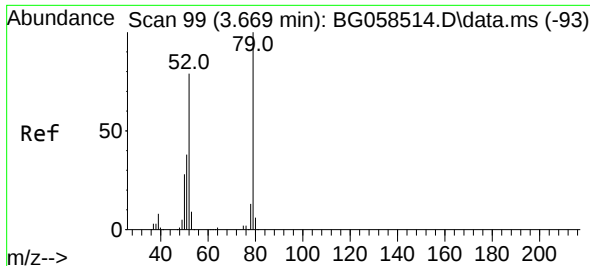
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#2
1,4-Dioxane
Concen: 38.929 ng
RT: 3.262 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

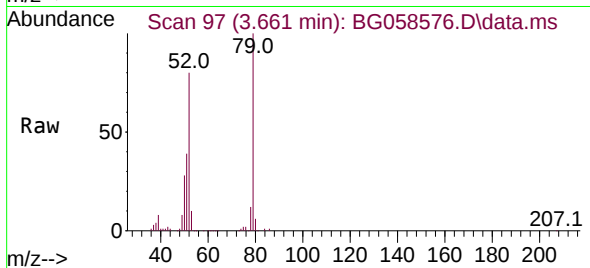
Tgt Ion: 88 Resp: 67488
Ion Ratio Lower Upper
88 100
58 87.2 68.9 103.3
43 29.1 22.9 34.3





#3
Pyridine
Concen: 36.139 ng
RT: 3.661 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

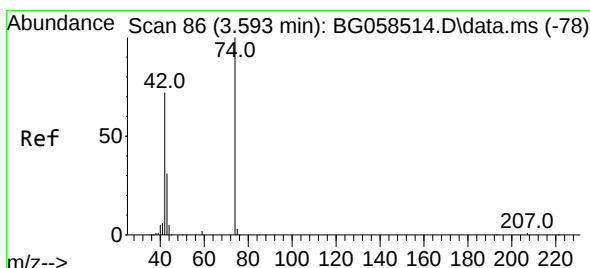
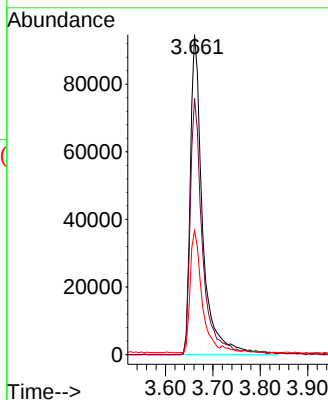
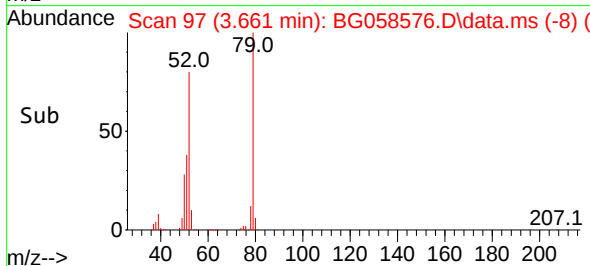
Instrument :
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ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion: 79 Resp: 17081
Ion Ratio Lower Upper
79 100
52 80.1 63.2 94.8
51 38.8 31.9 47.9

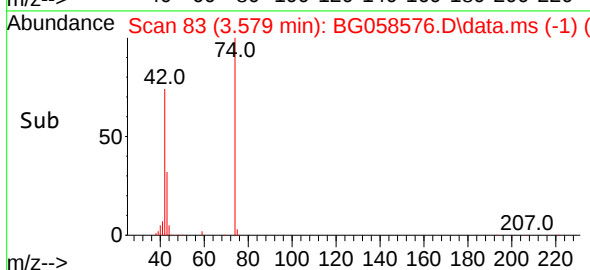
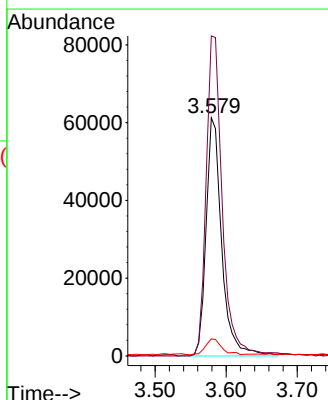
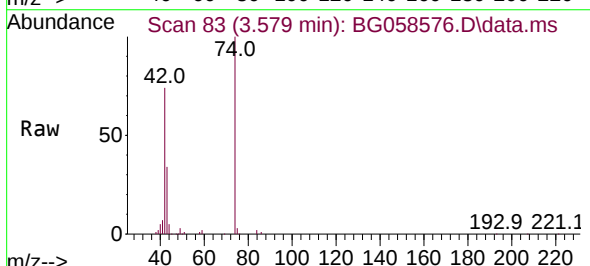
Manual Integrations
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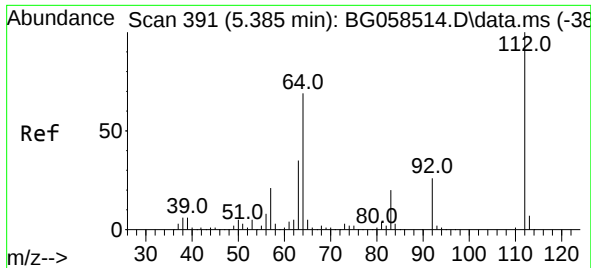
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#4
n-Nitrosodimethylamine
Concen: 46.700 ng
RT: 3.579 min Scan# 83
Delta R.T. -0.014 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

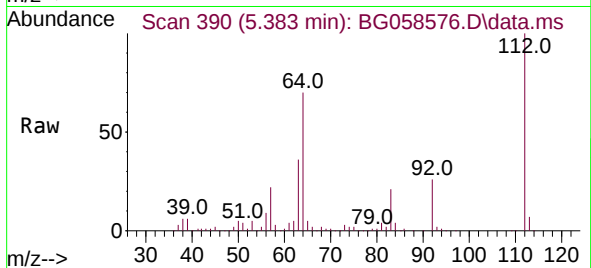
Tgt Ion: 42 Resp: 93523
Ion Ratio Lower Upper
42 100
74 134.4 111.5 167.3
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 87.950 ng
RT: 5.383 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

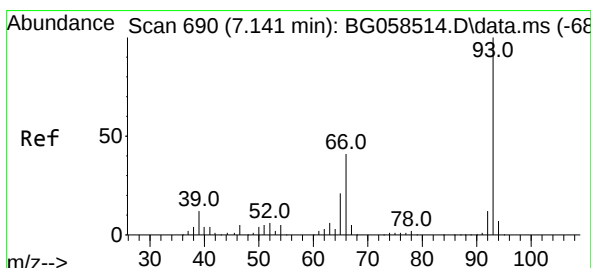
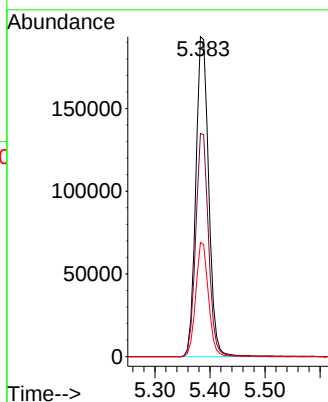
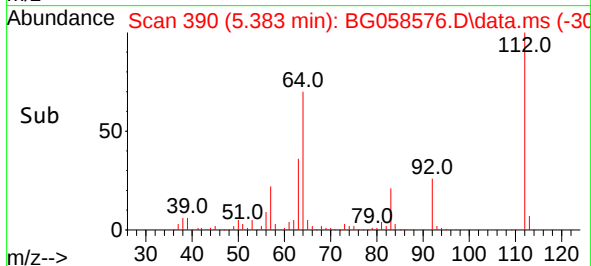
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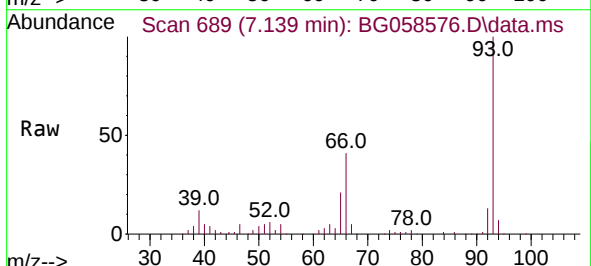
Tgt Ion:112 Resp: 314654
Ion Ratio Lower Upper
112 100
64 69.7 55.3 82.9
63 35.6 28.3 42.5

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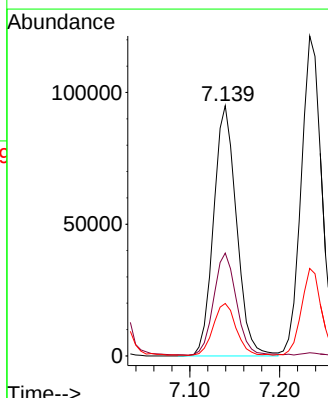
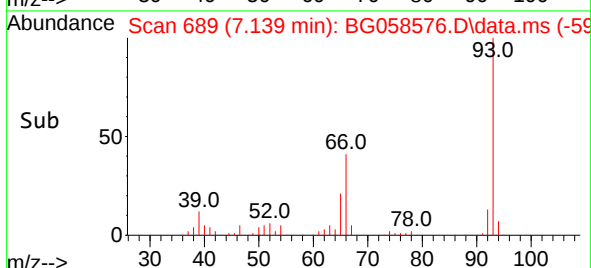
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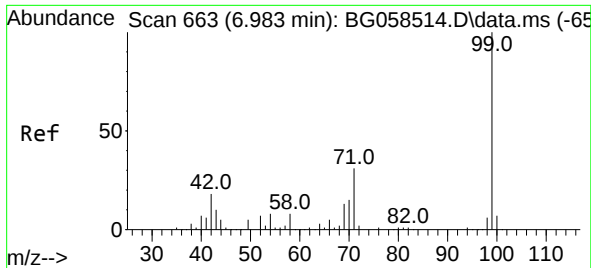


#6
Aniline
Concen: 27.623 ng
RT: 7.139 min Scan# 689
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



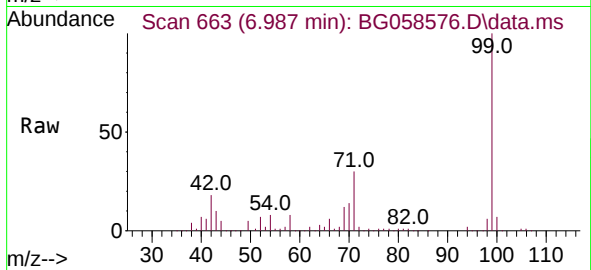
Tgt Ion: 93 Resp: 169308
Ion Ratio Lower Upper
93 100
66 41.1 33.1 49.7
65 20.9 17.0 25.4





#7
Phenol-d6
Concen: 85.444 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

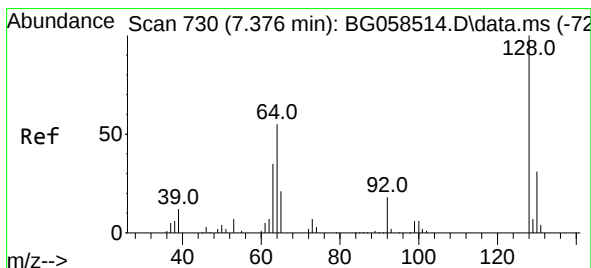
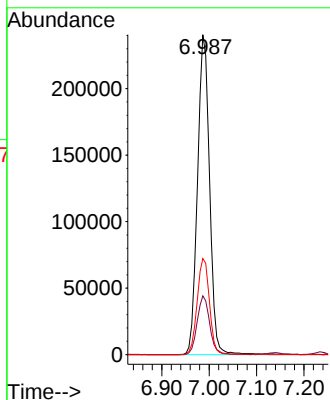
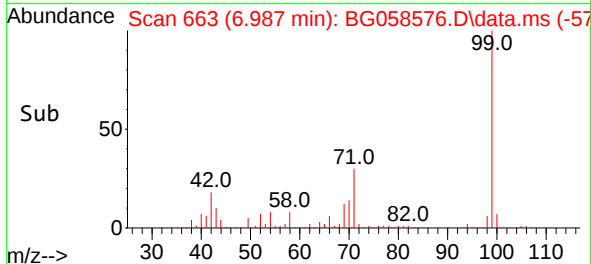
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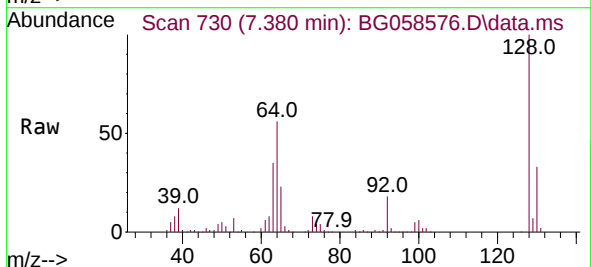
Tgt Ion: 99 Resp: 425360
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 30.0 25.0 37.4

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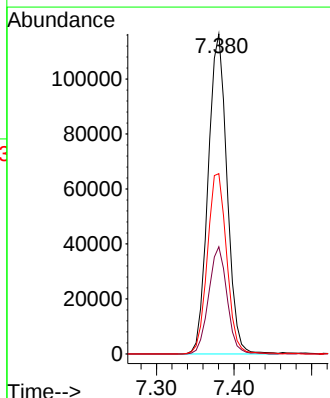
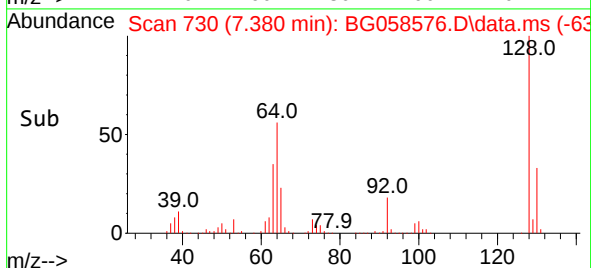
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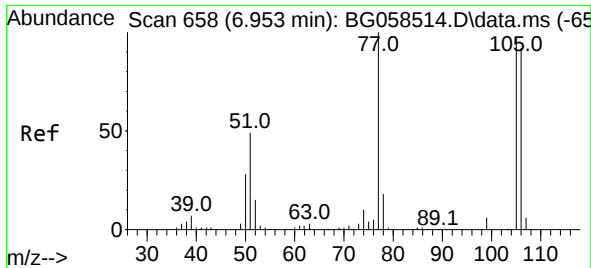


#8
2-Chlorophenol
Concen: 56.042 ng
RT: 7.380 min Scan# 730
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



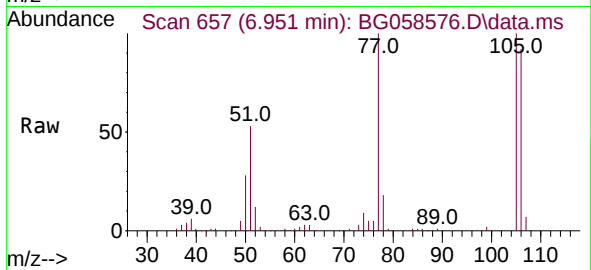
Tgt Ion:128 Resp: 196695
Ion Ratio Lower Upper
128 100
130 33.5 10.9 50.9
64 56.3 39.0 79.0





#9
Benzaldehyde
Concen: 45.512 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

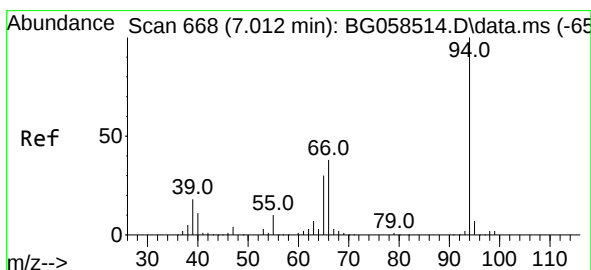
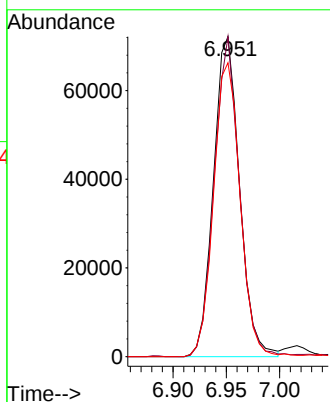
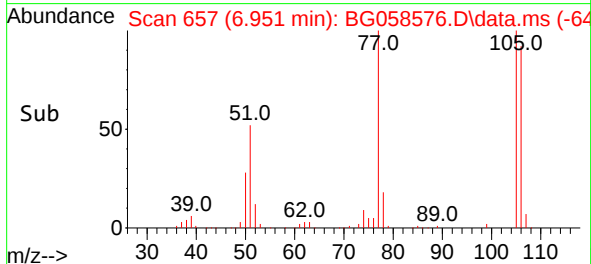
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion: 77 Resp: 123097
Ion Ratio Lower Upper
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105 99.9 77.1 117.1
106 91.8 71.6 111.6

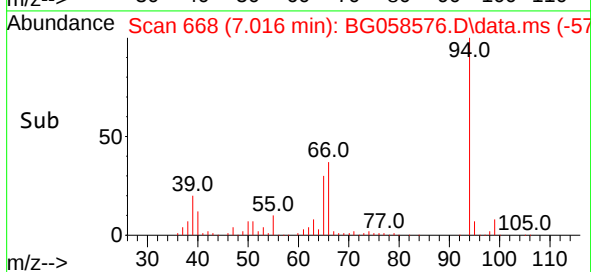
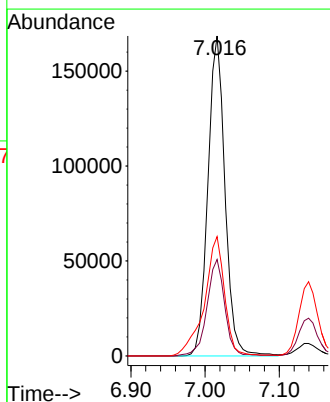
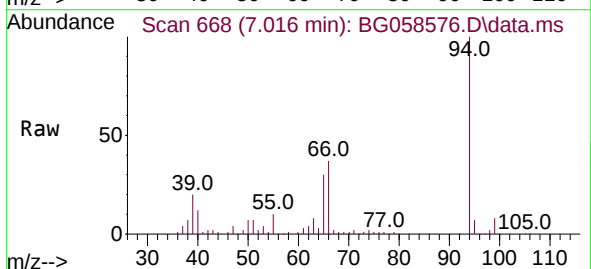
Manual Integrations
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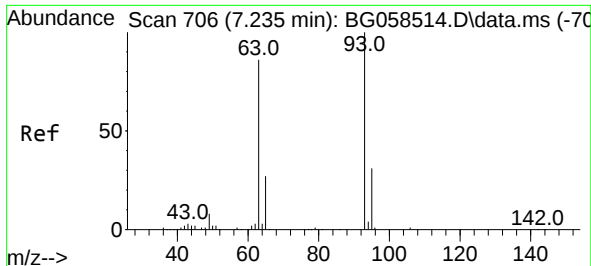
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#10
Phenol
Concen: 55.392 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

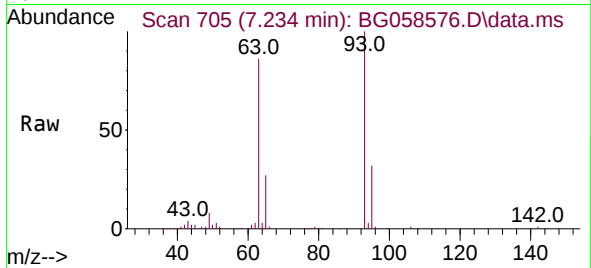
Tgt Ion: 94 Resp: 269370
Ion Ratio Lower Upper
94 100
65 30.1 10.4 50.4
66 37.3 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 49.676 ng
RT: 7.234 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

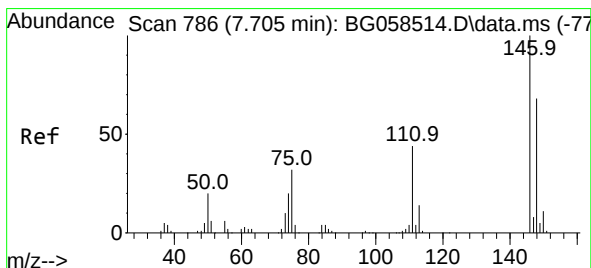
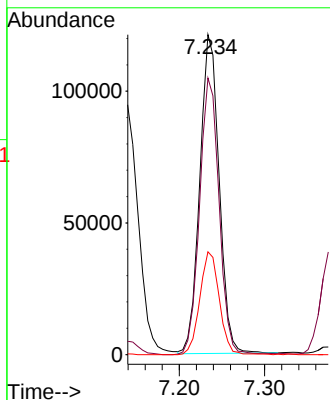
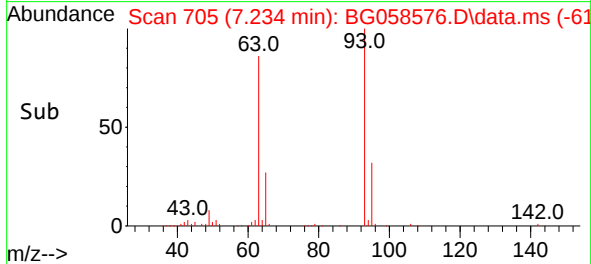
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion: 93 Resp: 190449
Ion Ratio Lower Upper
93 100
63 86.4 65.5 105.5
95 32.1 11.2 51.2

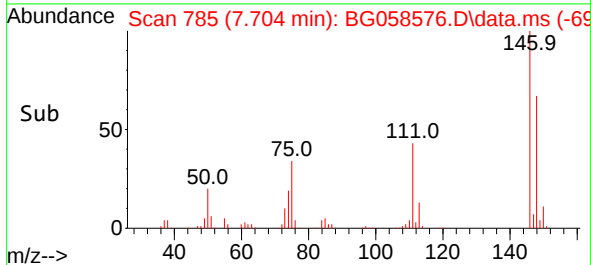
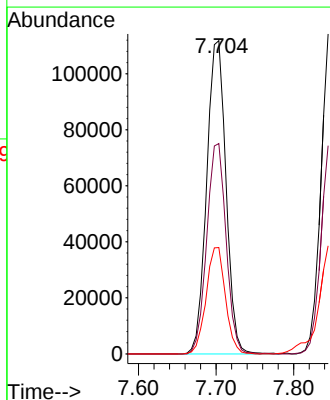
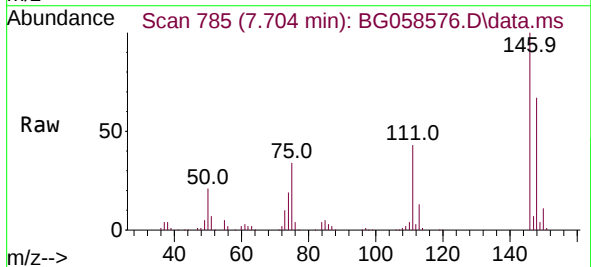
Manual Integrations
APPROVED

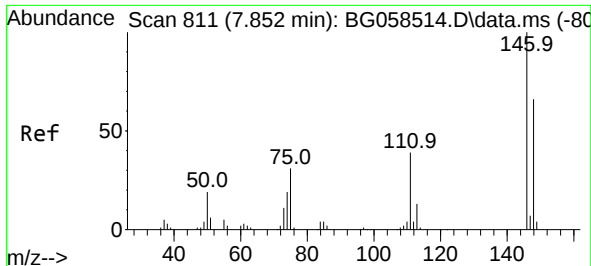
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#12
1,3-Dichlorobenzene
Concen: 51.587 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

Tgt Ion:146 Resp: 193336
Ion Ratio Lower Upper
146 100
148 67.1 54.7 82.1
75 33.9 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.193 ng

RT: 7.850 min Scan# 811

Delta R.T. -0.002 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MS

Tgt Ion:146 Resp: 196409

Ion Ratio Lower Upper

146 100

148 70.6 52.8 79.2

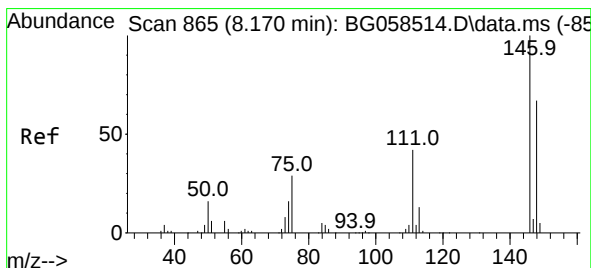
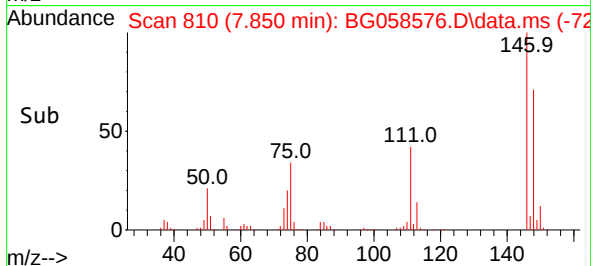
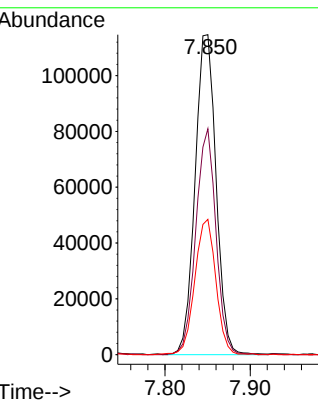
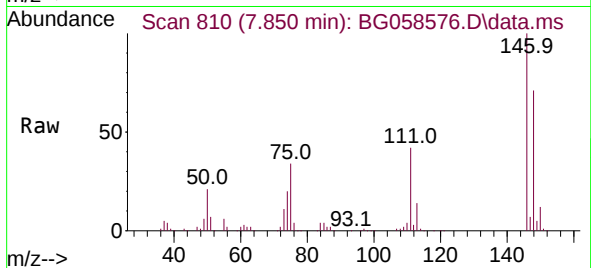
111 42.3 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#14

1,2-Dichlorobenzene

Concen: 53.297 ng

RT: 8.162 min Scan# 863

Delta R.T. -0.008 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

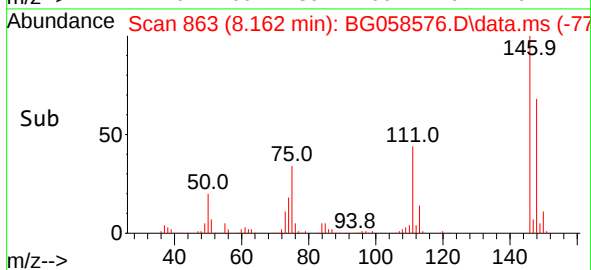
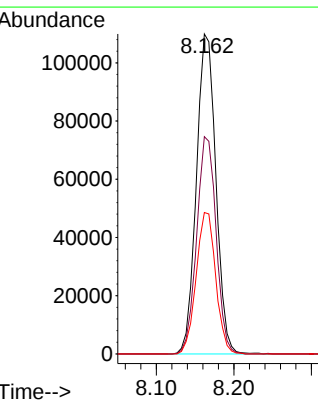
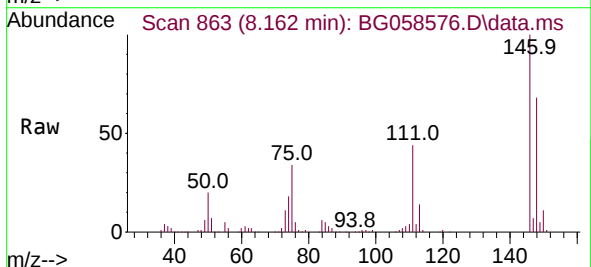
Tgt Ion:146 Resp: 191752

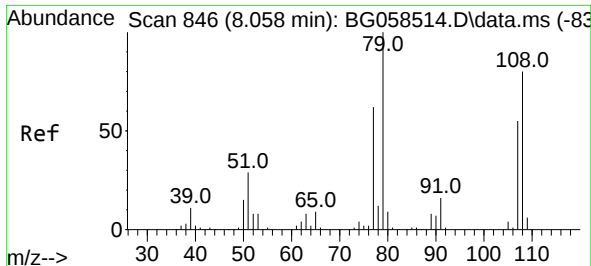
Ion Ratio Lower Upper

146 100

148 67.9 53.4 80.2

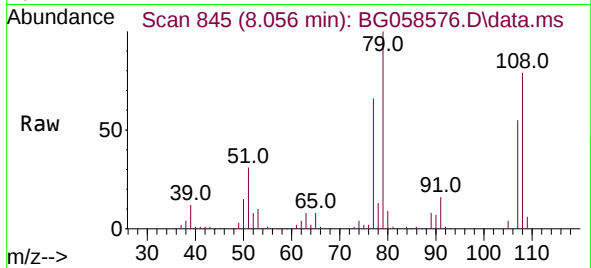
111 44.2 34.2 51.2





#15
Benzyl Alcohol
Concen: 57.837 ng
RT: 8.056 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

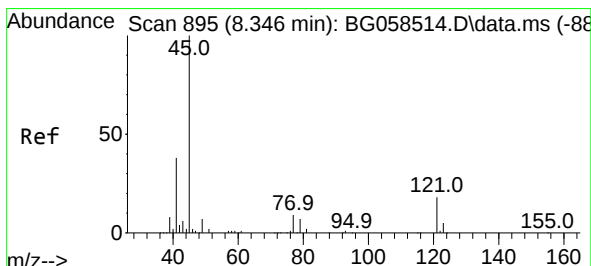
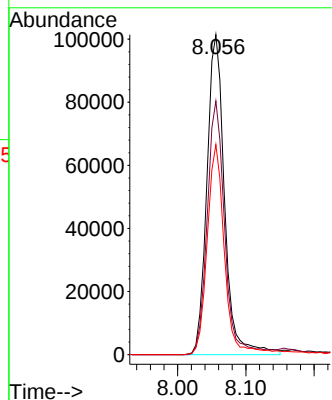
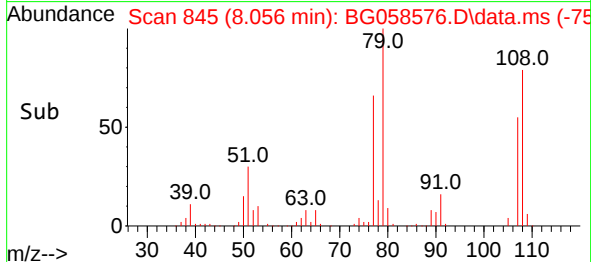
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion: 79 Resp: 182596
Ion Ratio Lower Upper
79 100
108 79.2 63.8 95.6
77 65.6 49.8 74.6

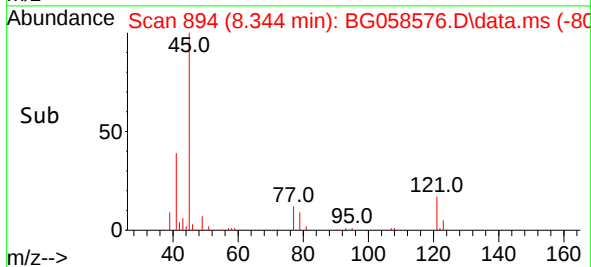
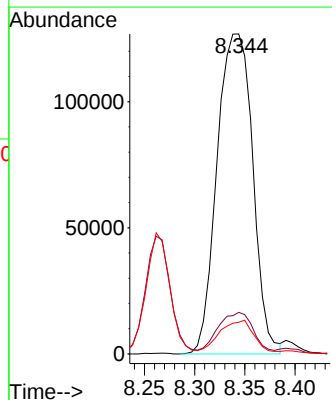
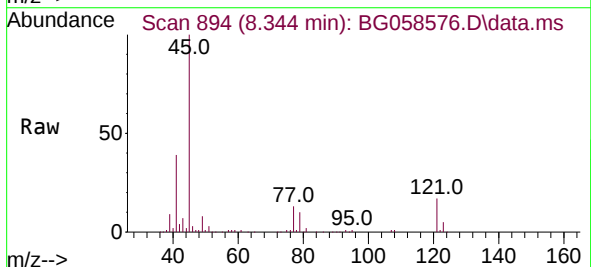
Manual Integrations
APPROVED

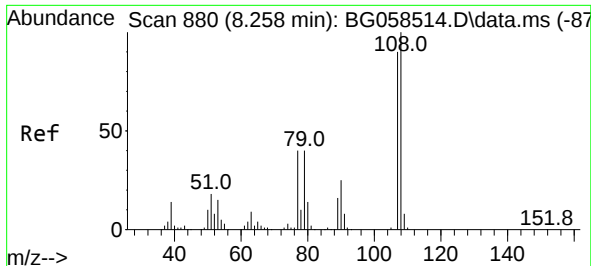
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.393 ng
RT: 8.344 min Scan# 894
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

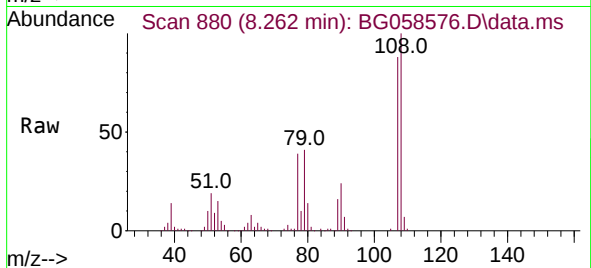
Tgt Ion: 45 Resp: 313826
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.6
79 9.9 0.0 30.2





#17
2-Methylphenol
Concen: 50.127 ng
RT: 8.262 min Scan# 880
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

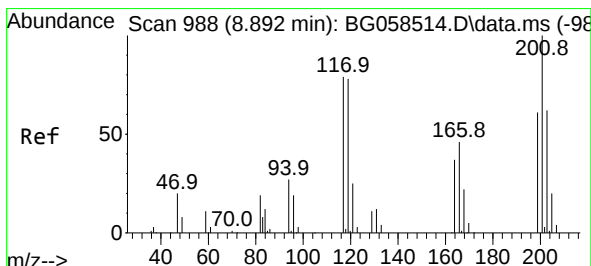
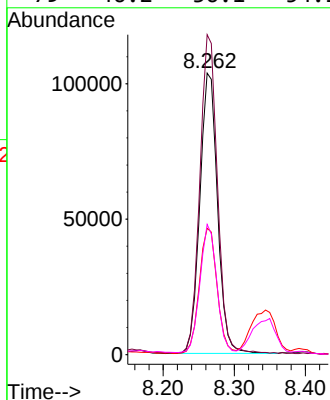
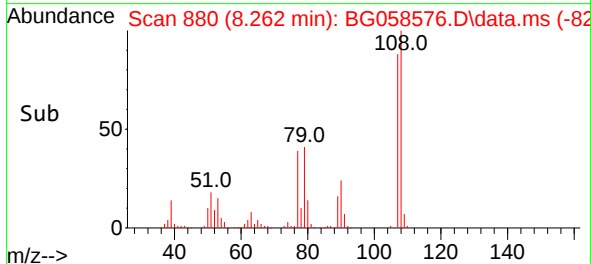
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



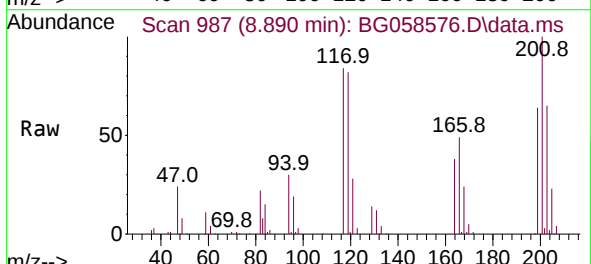
Tgt Ion:107 Resp: 178235
Ion Ratio Lower Upper
107 100
108 113.6 89.1 133.7
77 44.9 36.2 54.4
79 46.2 36.1 54.1

Manual Integrations
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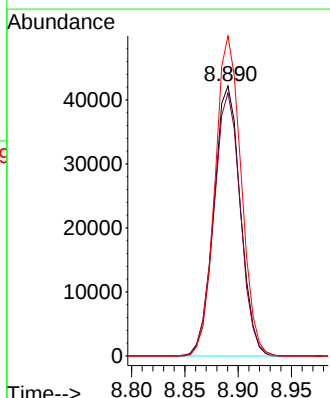
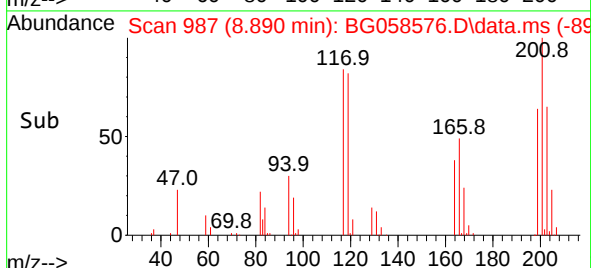
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

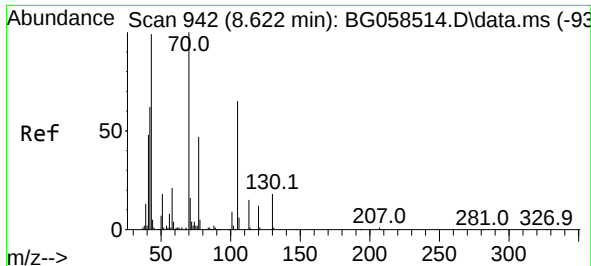


#18
Hexachloroethane
Concen: 53.471 ng
RT: 8.890 min Scan# 987
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



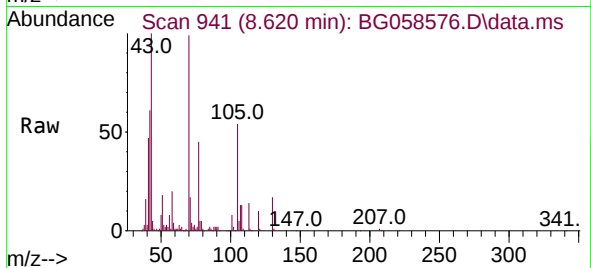
Tgt Ion:117 Resp: 73136
Ion Ratio Lower Upper
117 100
119 97.4 78.6 117.8
201 118.6 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.513 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

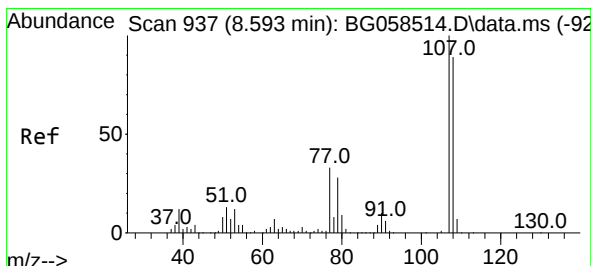
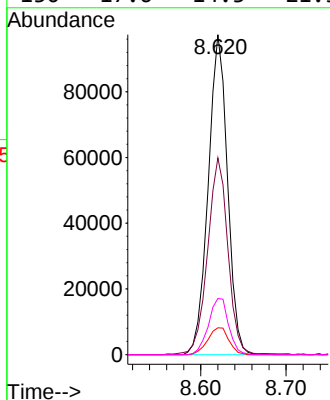
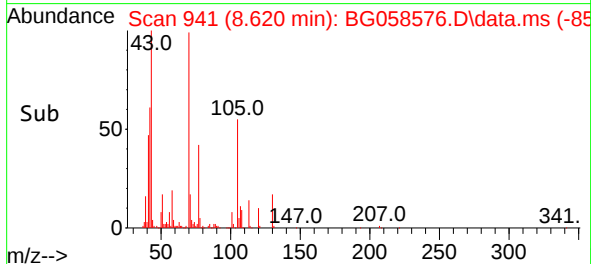
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion: 70 Resp: 152782
Ion Ratio Lower Upper
70 100
42 61.5 49.7 74.5
101 8.4 7.0 10.4
130 17.6 14.3 21.5

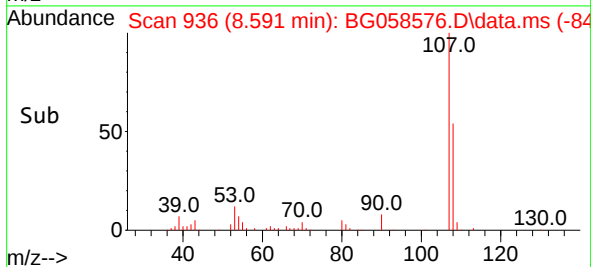
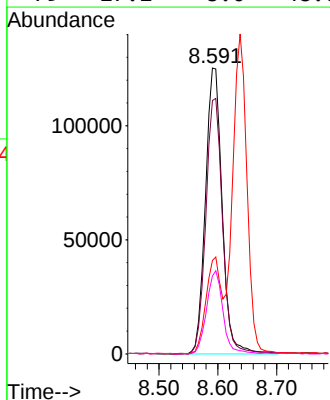
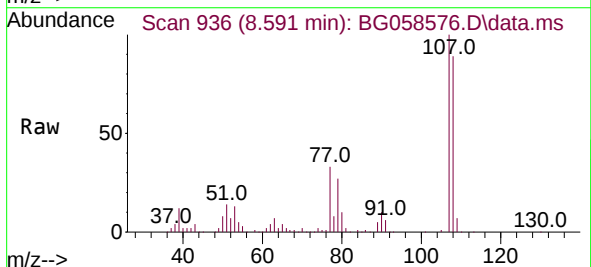
Manual Integrations
APPROVED

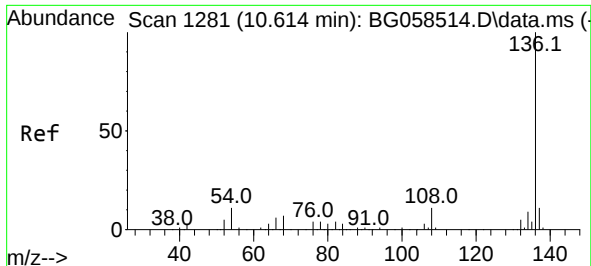
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#20
3+4-Methylphenols
Concen: 51.461 ng
RT: 8.591 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

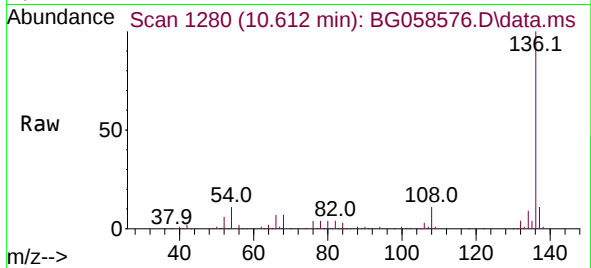
Tgt Ion:107 Resp: 247506
Ion Ratio Lower Upper
107 100
108 88.7 69.4 109.4
77 32.7 13.0 53.0
79 27.2 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

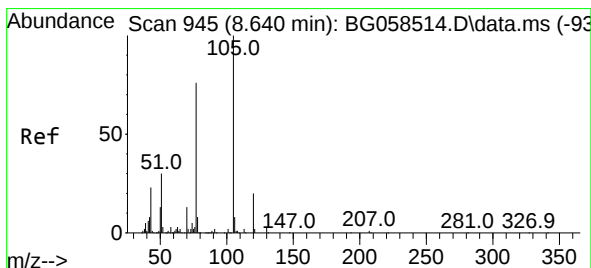
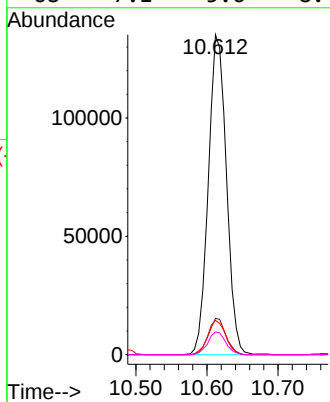
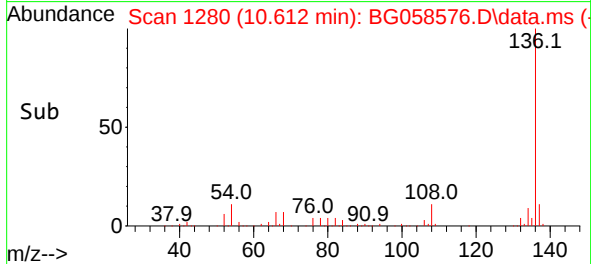
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:136 Resp: 239185
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.7 8.9 13.3
68 7.1 5.6 8.4

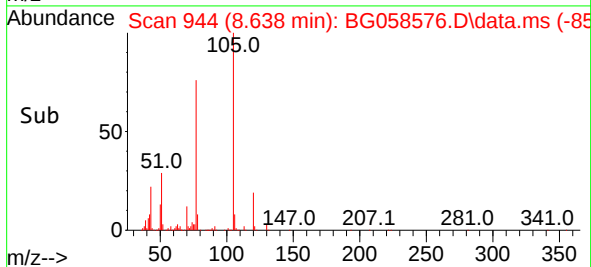
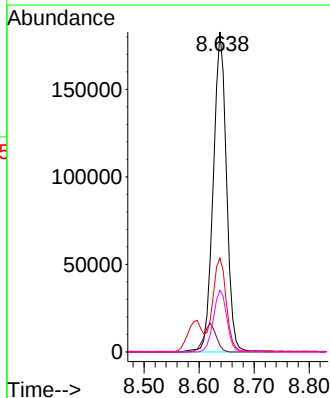
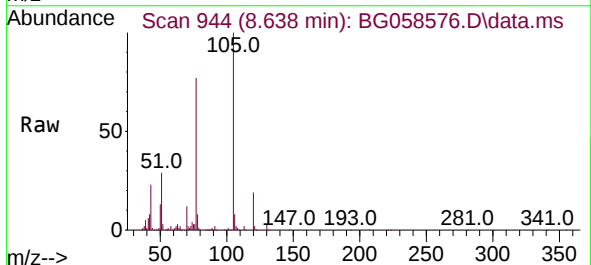
Manual Integrations
APPROVED

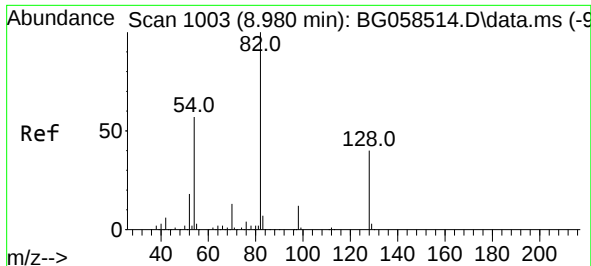
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#22
Acetophenone
Concen: 47.691 ng
RT: 8.638 min Scan# 944
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

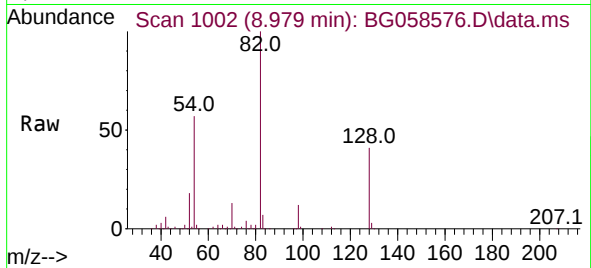
Tgt Ion:105 Resp: 305434
Ion Ratio Lower Upper
105 100
71 2.0 1.8 2.6
51 29.3 24.2 36.2
120 19.2 16.2 24.4





#23
Nitrobenzene-d5
Concen: 52.867 ng
RT: 8.979 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

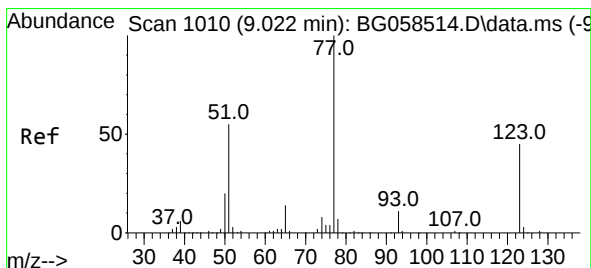
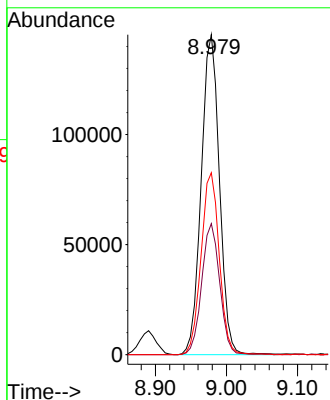
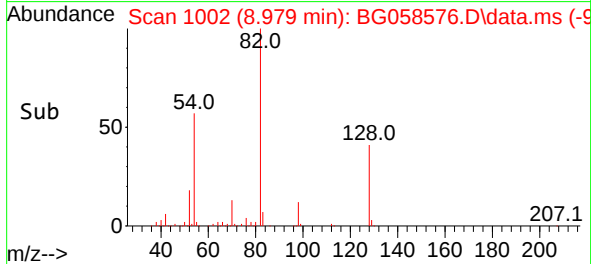
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



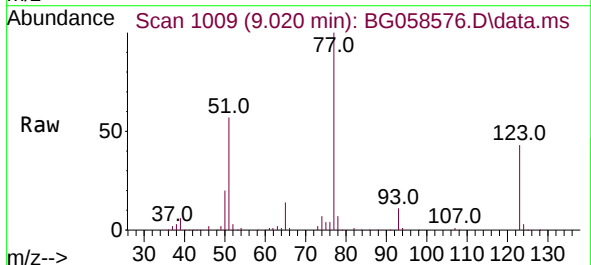
Tgt Ion: 82 Resp: 257404
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.2
54 56.8 46.0 69.0

Manual Integrations
APPROVED

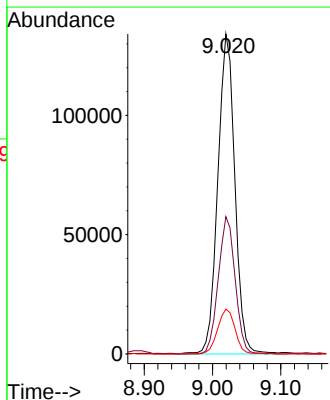
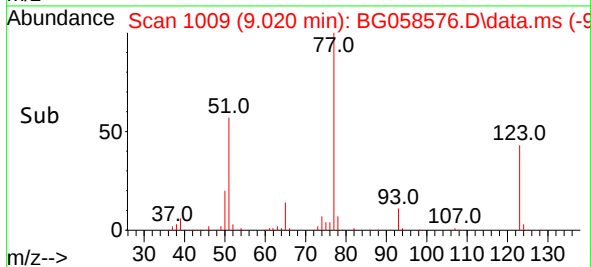
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

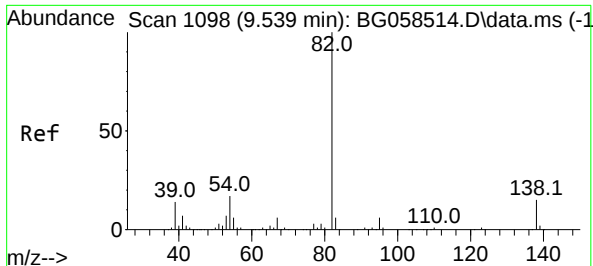


#24
Nitrobenzene
Concen: 46.760 ng
RT: 9.020 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



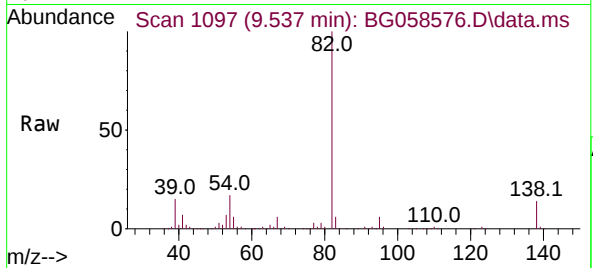
Tgt Ion: 77 Resp: 231456
Ion Ratio Lower Upper
77 100
123 42.9 35.6 53.4
65 14.0 11.4 17.0





#25
Isophorone
Concen: 44.278 ng
RT: 9.537 min Scan# 1098
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

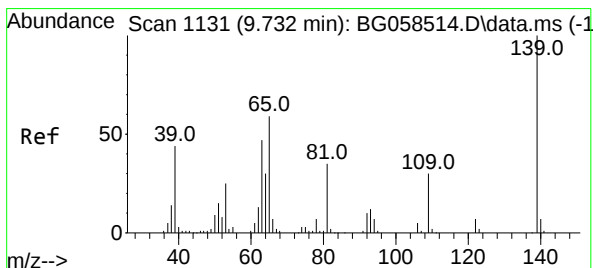
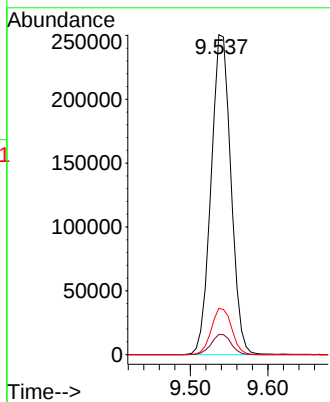
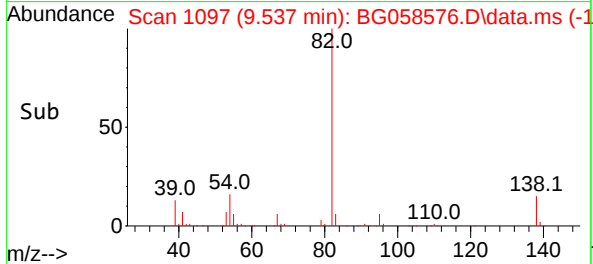
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion: 82 Resp: 445435
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 14.5 11.9 17.9

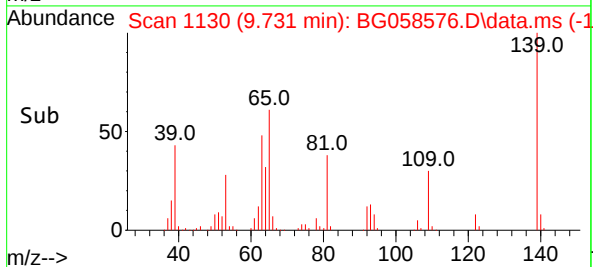
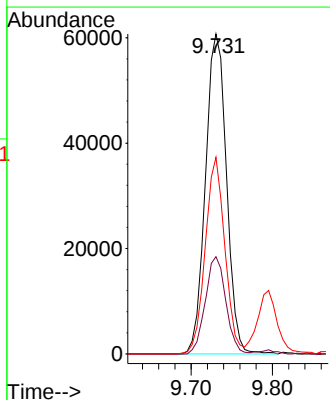
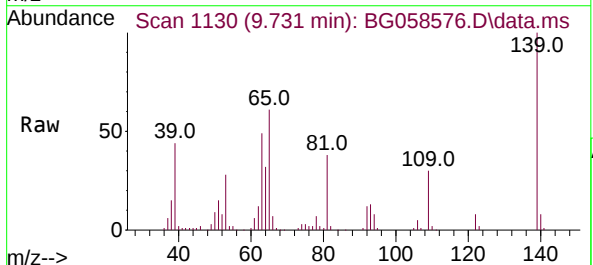
Manual Integrations
APPROVED

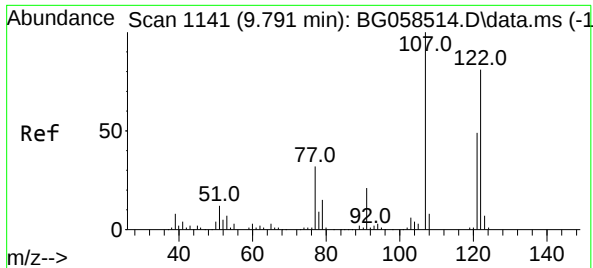
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#26
2-Nitrophenol
Concen: 50.720 ng
RT: 9.731 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

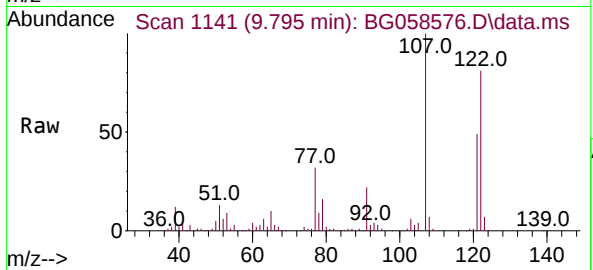
Tgt Ion:139 Resp: 109285
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.2
65 61.4 47.0 70.4





#27
2,4-Dimethylphenol
Concen: 48.292 ng
RT: 9.795 min Scan# 1141
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

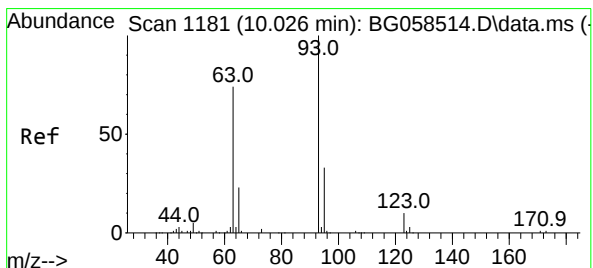
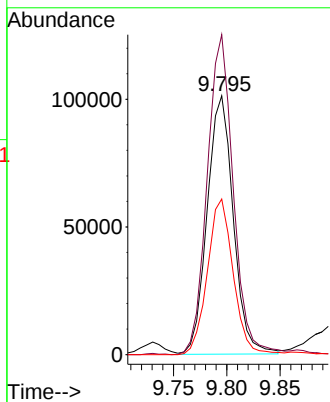
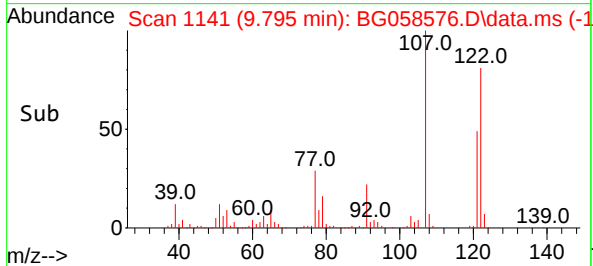
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



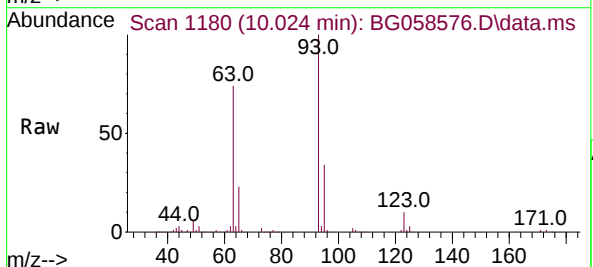
Tgt Ion:122 Resp: 172596
Ion Ratio Lower Upper
122 100
107 123.7 98.0 147.0
121 60.1 47.8 71.6

Manual Integrations
APPROVED

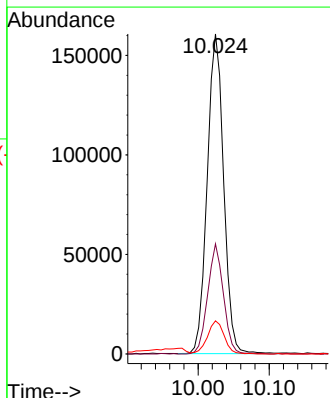
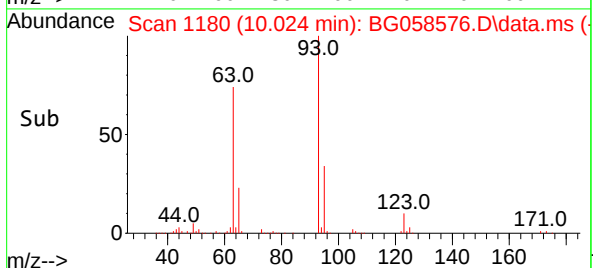
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

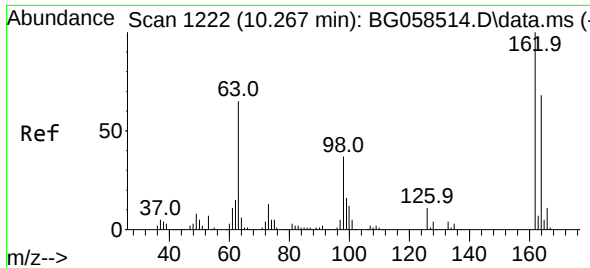


#28
bis(2-Chloroethoxy)methane
Concen: 47.119 ng
RT: 10.024 min Scan# 1180
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



Tgt Ion: 93 Resp: 257962
Ion Ratio Lower Upper
93 100
95 34.4 26.0 39.0
123 10.3 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 51.816 ng

RT: 10.271 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MS

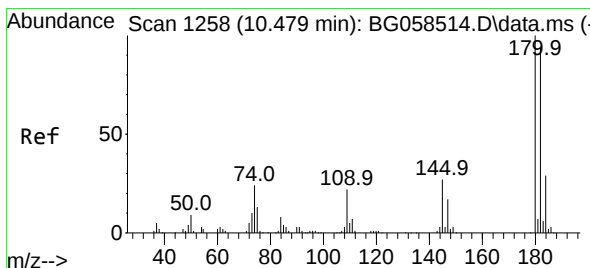
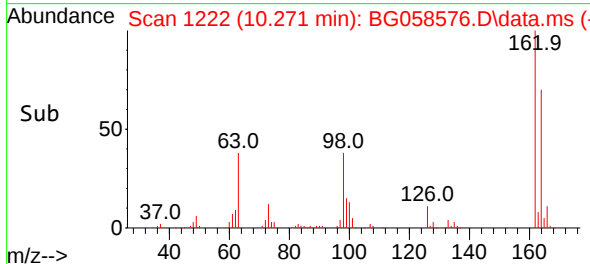
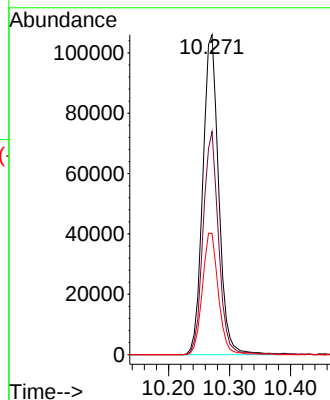
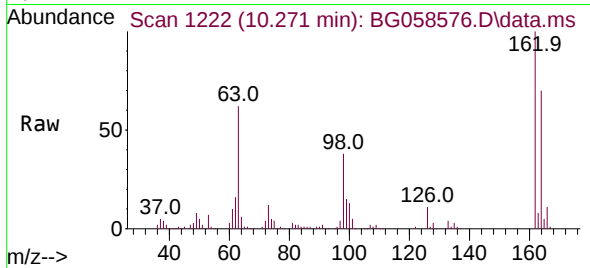
Tgt Ion:162	Resp: 19228
Ion Ratio	Lower Upper
162 100	
164 69.7	47.6 87.6
98 37.9	17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.358 ng

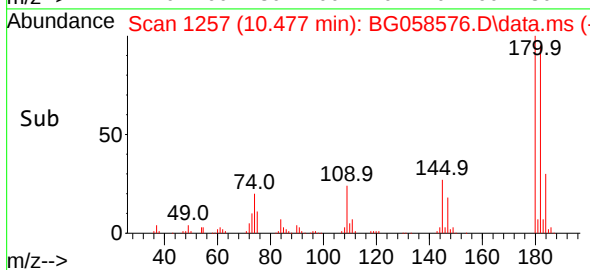
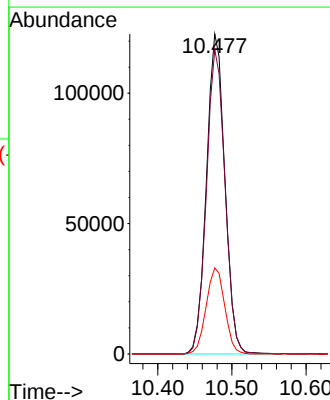
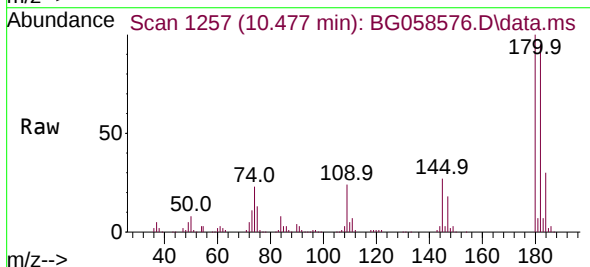
RT: 10.477 min Scan# 1257

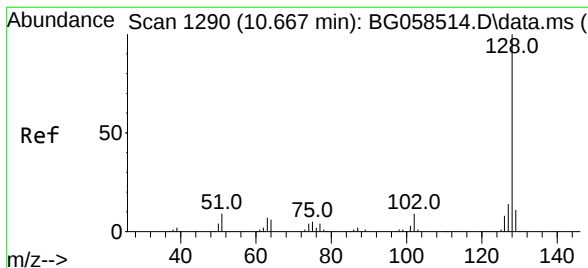
Delta R.T. -0.002 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

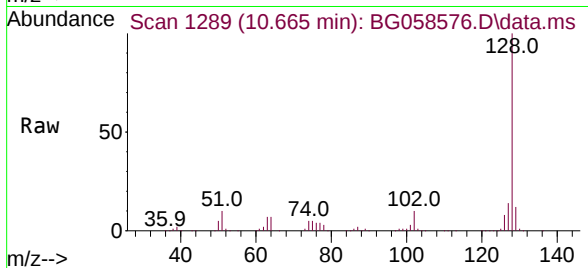
Tgt Ion:180	Resp: 211228
Ion Ratio	Lower Upper
180 100	
182 95.1	75.0 112.4
145 26.9	21.9 32.9





#31
Naphthalene
Concen: 46.633 ng
RT: 10.665 min Scan# 1170
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

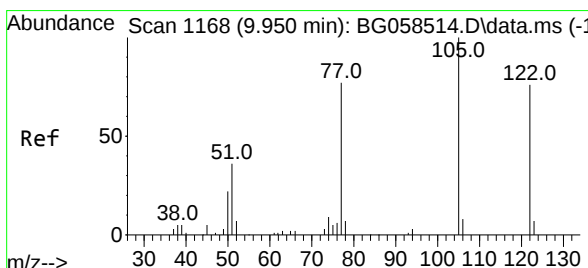
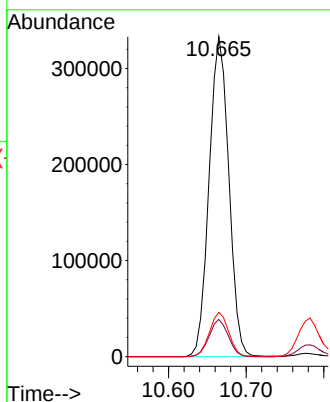
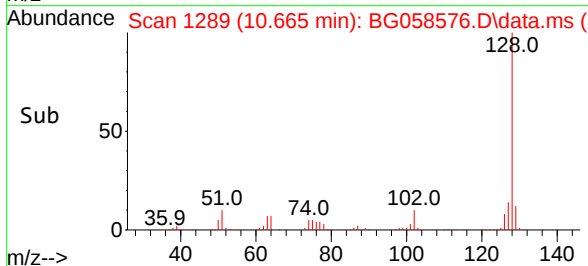
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:128 Resp: 58788
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3

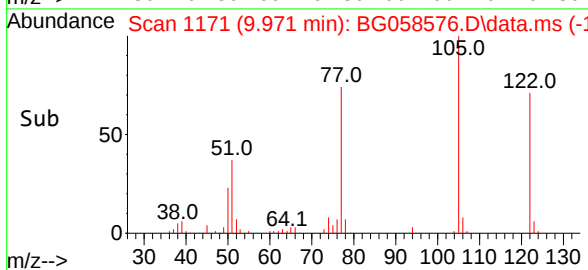
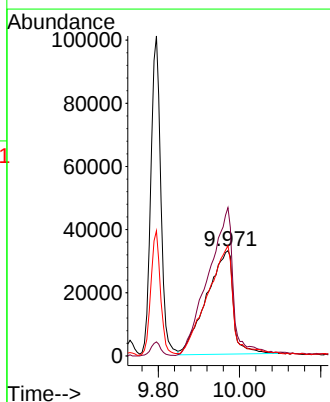
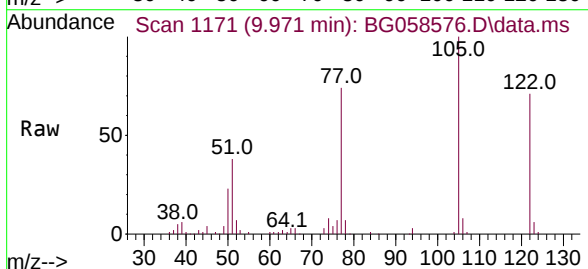
Manual Integrations
APPROVED

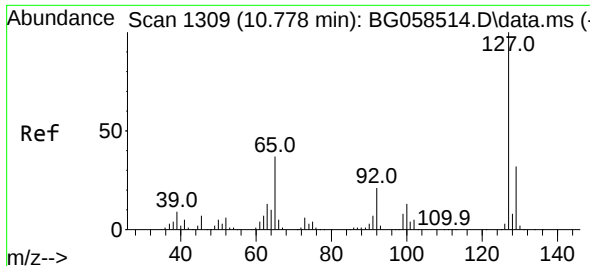
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#32
Benzoic acid
Concen: 54.341 ng
RT: 9.971 min Scan# 1171
Delta R.T. 0.021 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

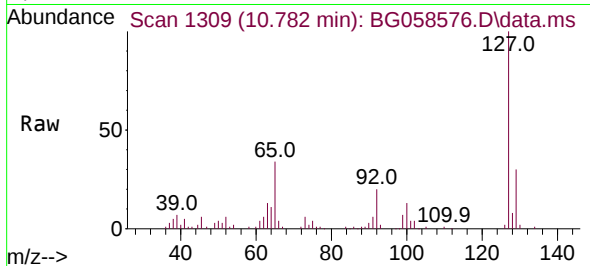
Tgt Ion:122 Resp: 150083
Ion Ratio Lower Upper
122 100
105 140.8 106.5 146.5
77 104.7 78.1 118.1





#33
4-Chloroaniline
Concen: 15.528 ng
RT: 10.782 min Scan# 1309
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

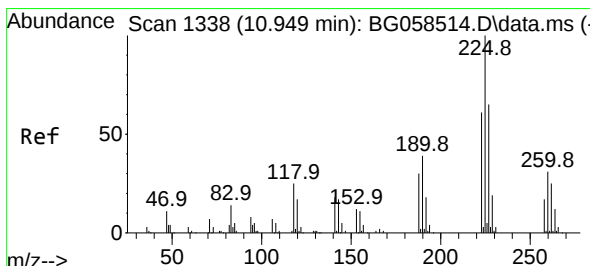
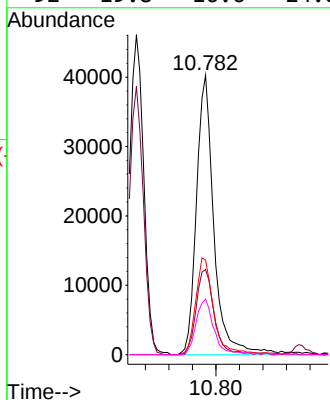
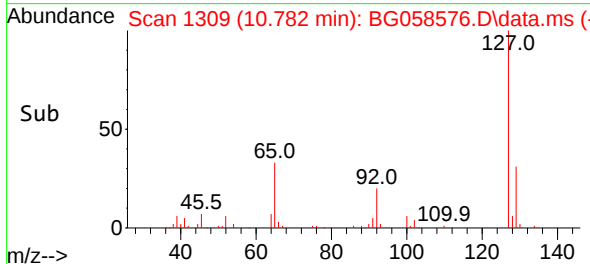
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



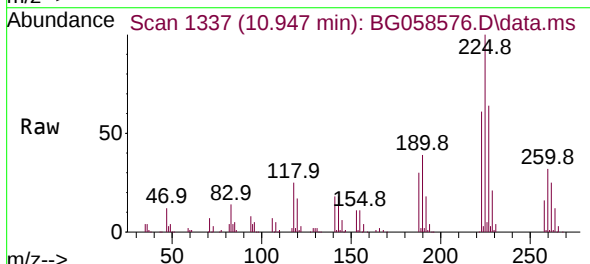
Tgt Ion:127 Resp: 82705
Ion Ratio Lower Upper
127 100
129 30.4 25.4 38.2
65 33.8 29.5 44.3
92 19.8 16.6 24.8

Manual Integrations
APPROVED

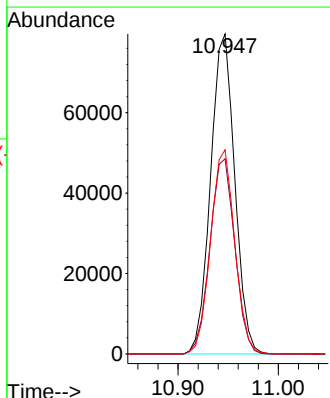
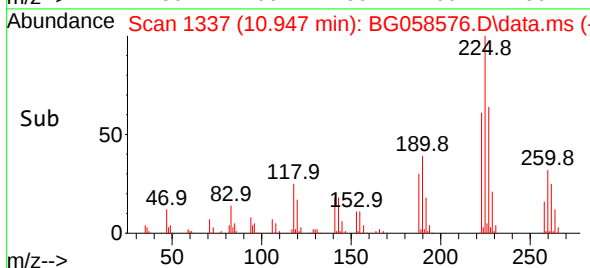
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

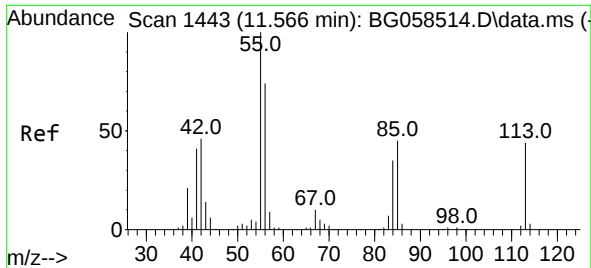


#34
Hexachlorobutadiene
Concen: 48.377 ng
RT: 10.947 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



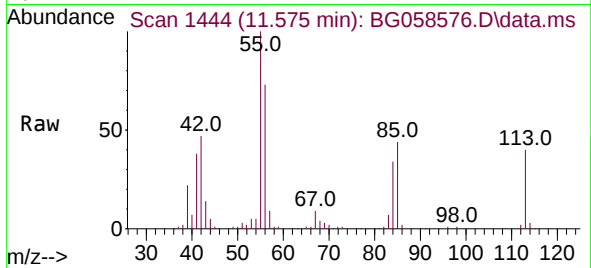
Tgt Ion:225 Resp: 133328
Ion Ratio Lower Upper
225 100
223 61.0 49.0 73.6
227 63.8 51.7 77.5





#35
Caprolactam
Concen: 46.292 ng m
RT: 11.575 min Scan# 1444
Delta R.T. 0.010 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

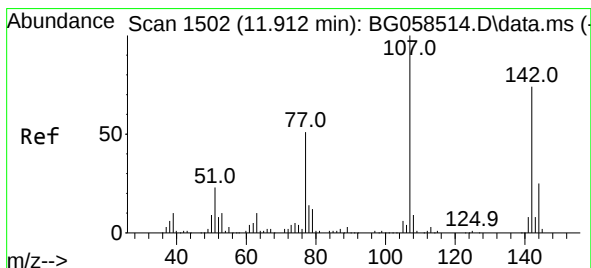
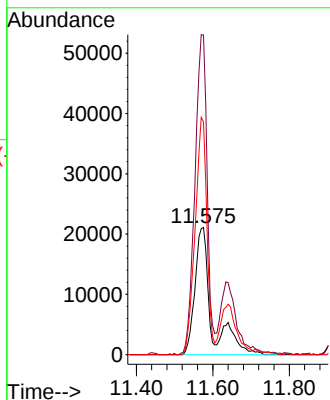
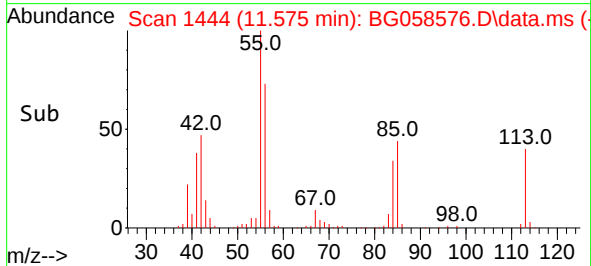
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:113 Resp: 63435
Ion Ratio Lower Upper
113 100
55 251.3 208.0 248.0
56 182.9 148.6 188.6

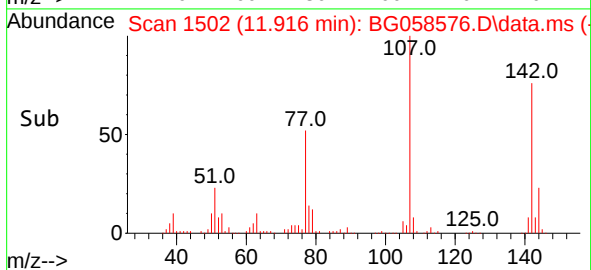
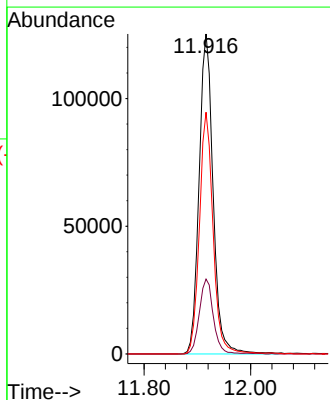
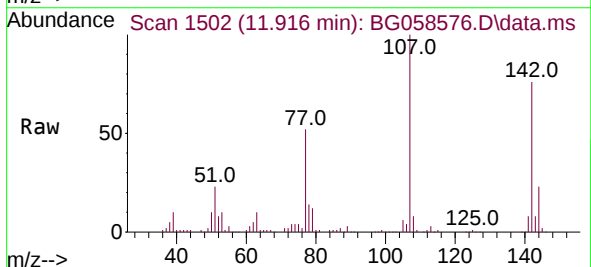
Manual Integrations
APPROVED

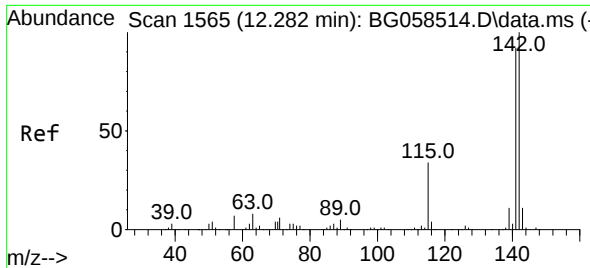
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#36
4-Chloro-3-methylphenol
Concen: 49.731 ng
RT: 11.916 min Scan# 1502
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

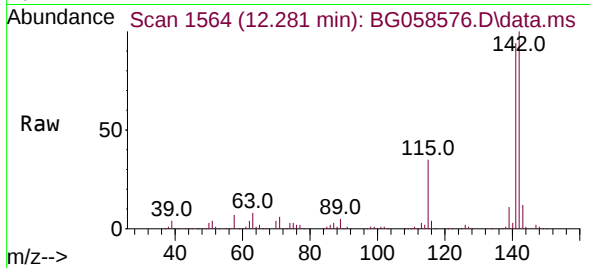
Tgt Ion:107 Resp: 228286
Ion Ratio Lower Upper
107 100
144 23.4 19.6 29.4
142 75.5 59.3 88.9





#37
2-Methylnaphthalene
Concen: 44.576 ng
RT: 12.281 min Scan# 1564
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

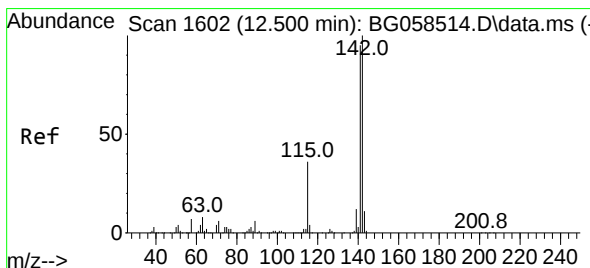
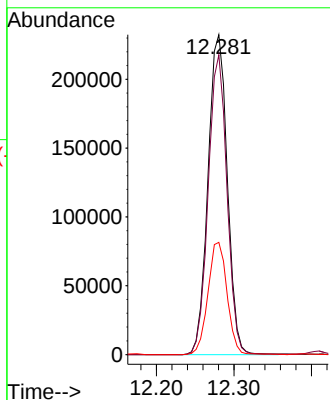
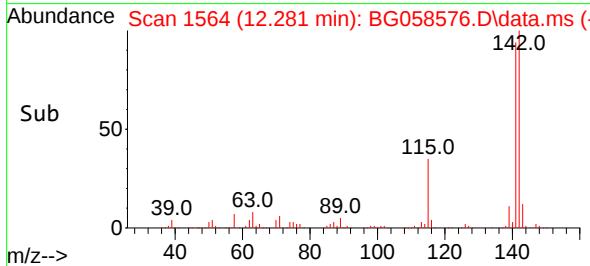
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:142 Resp: 401968
Ion Ratio Lower Upper
142 100
141 93.7 73.5 110.3
115 35.1 27.4 41.0

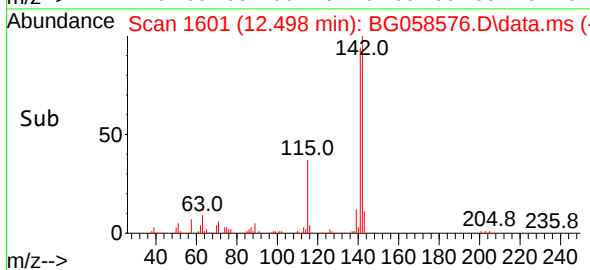
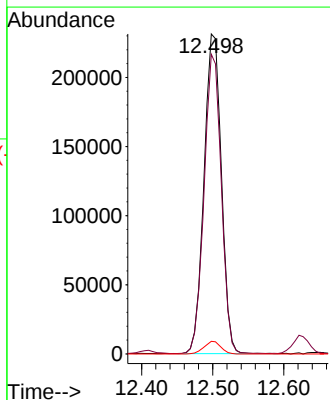
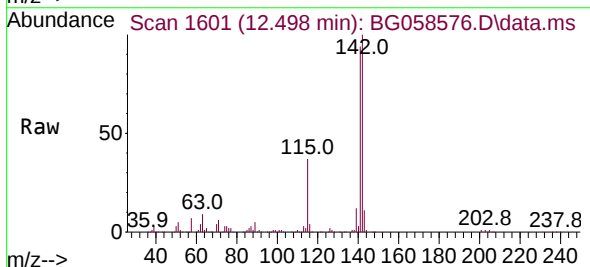
Manual Integrations
APPROVED

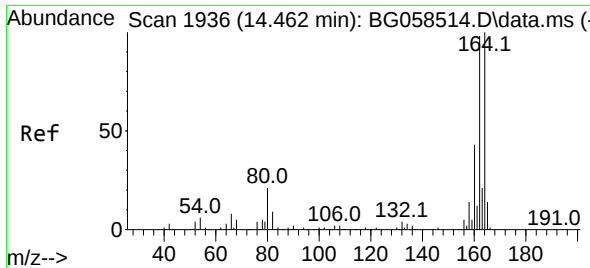
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#38
1-Methylnaphthalene
Concen: 45.646 ng
RT: 12.498 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

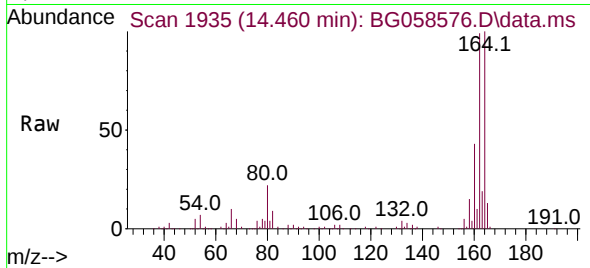
Tgt Ion:142 Resp: 391271
Ion Ratio Lower Upper
142 100
141 93.6 75.7 113.5
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

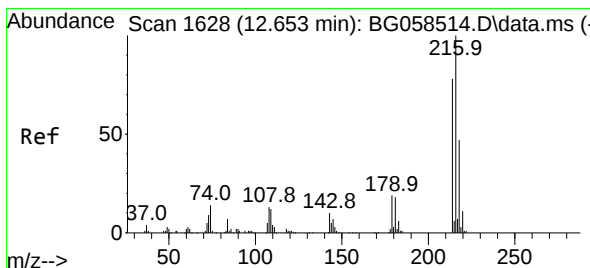
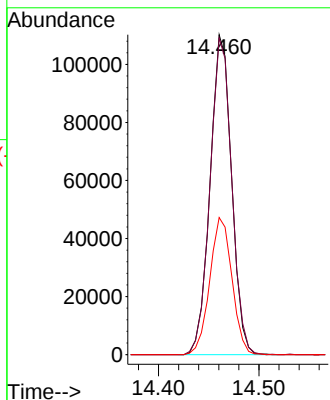
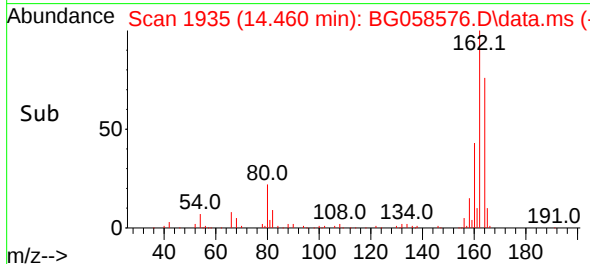
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:164 Resp: 163891
Ion Ratio Lower Upper
164 100
162 98.9 78.3 117.5
160 42.8 34.1 51.1

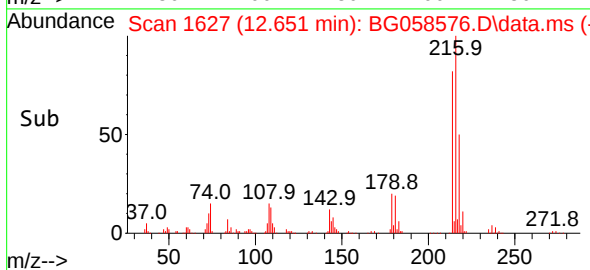
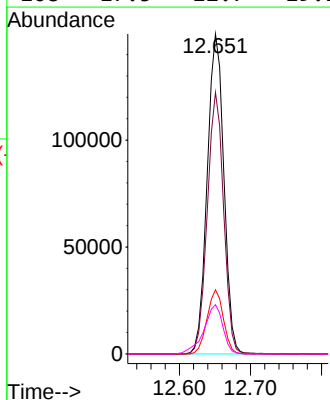
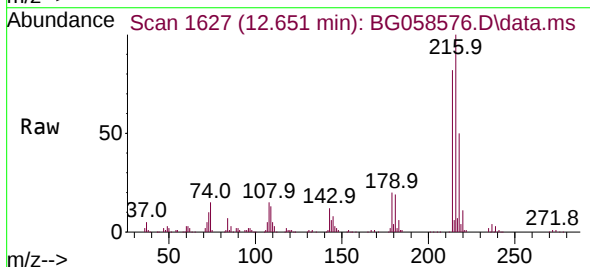
Manual Integrations
APPROVED

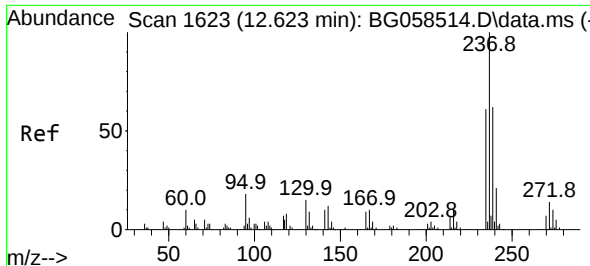
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.258 ng
RT: 12.651 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

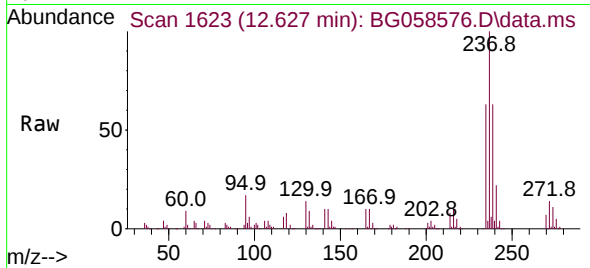
Tgt Ion:216 Resp: 242816
Ion Ratio Lower Upper
216 100
214 79.9 63.1 94.7
179 19.6 15.6 23.4
108 17.5 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 87.200 ng
RT: 12.627 min Scan# 1623
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

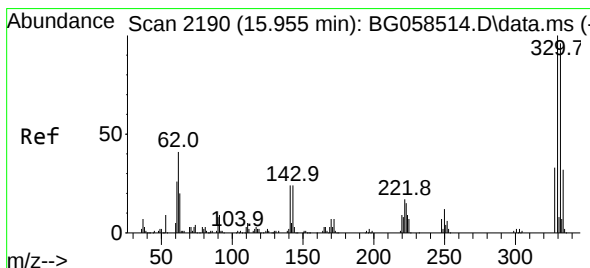
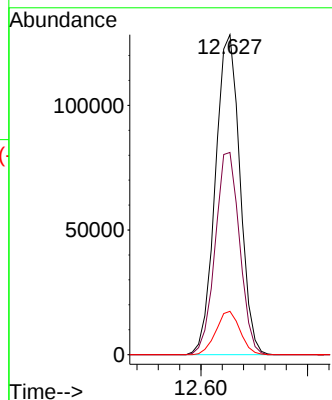
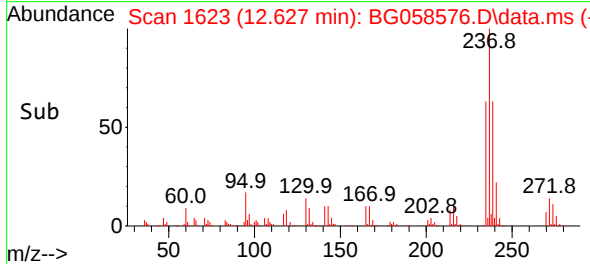
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



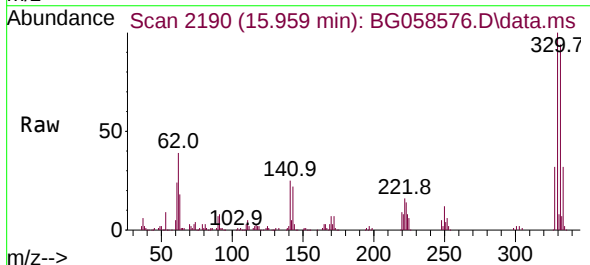
Tgt Ion:237 Resp: 205358
Ion Ratio Lower Upper
237 100
235 63.2 41.0 81.0
272 13.5 0.0 33.6

Manual Integrations
APPROVED

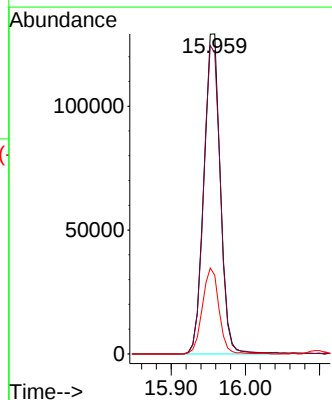
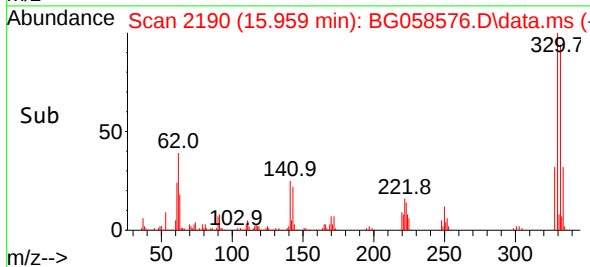
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

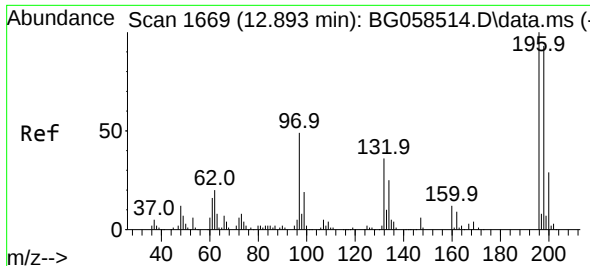


#42
2,4,6-Tribromophenol
Concen: 74.110 ng
RT: 15.959 min Scan# 2190
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



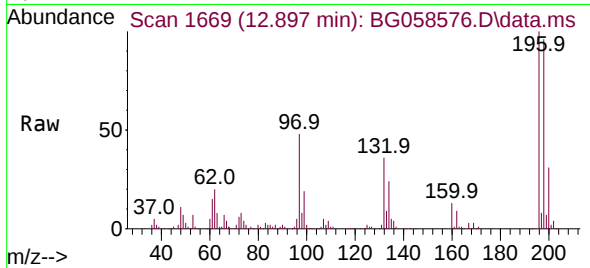
Tgt Ion:330 Resp: 199082
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 26.9 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 50.607 ng
RT: 12.897 min Scan# 1669
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

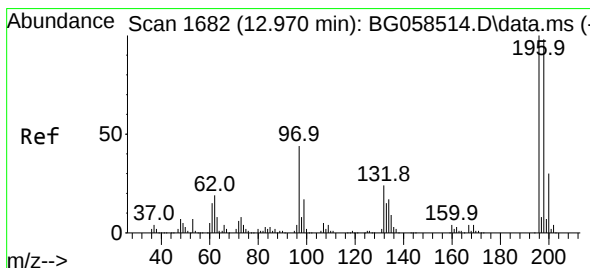
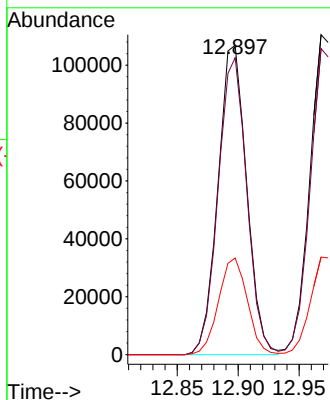
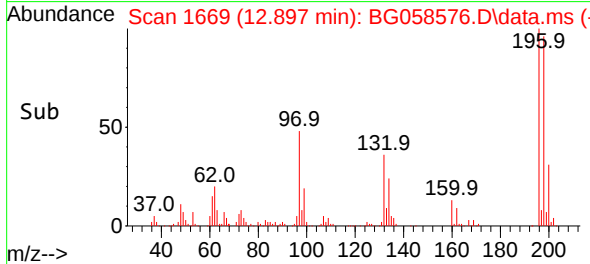
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



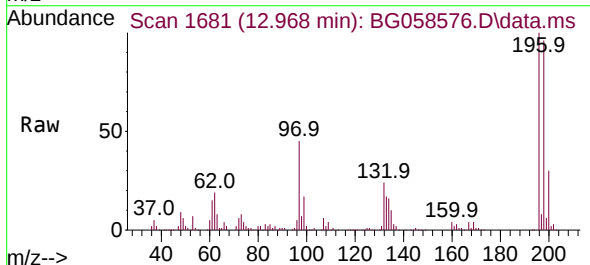
Tgt Ion:196 Resp: 17514
Ion Ratio Lower Upper
196 100
198 95.9 74.2 111.4
200 31.2 22.9 34.3

Manual Integrations
APPROVED

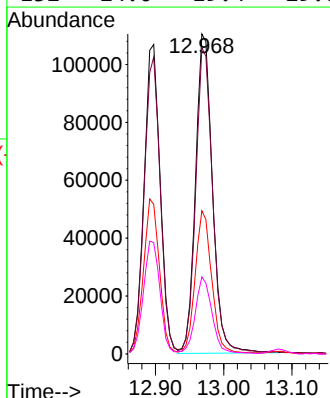
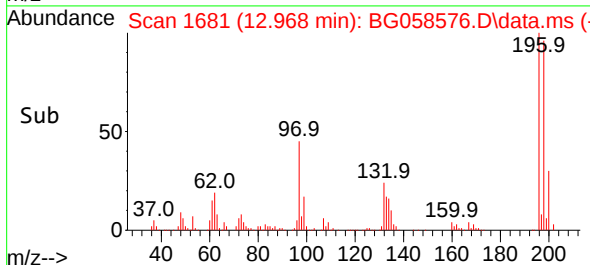
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

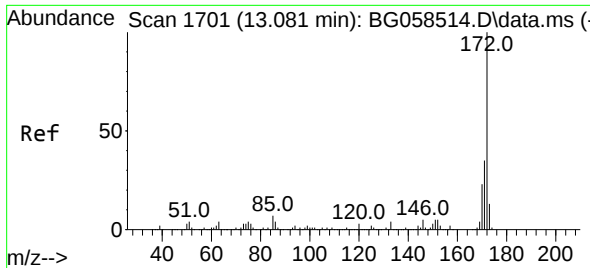


#44
2,4,5-Trichlorophenol
Concen: 46.898 ng
RT: 12.968 min Scan# 1681
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



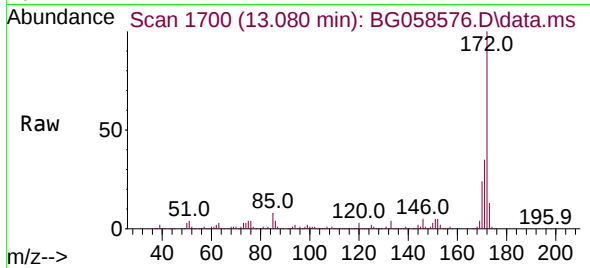
Tgt Ion:196 Resp: 191170
Ion Ratio Lower Upper
196 100
198 95.6 78.3 117.5
97 44.7 35.2 52.8
132 24.0 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 52.368 ng
RT: 13.080 min Scan# 1701
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

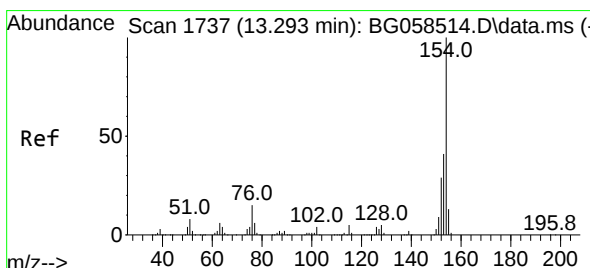
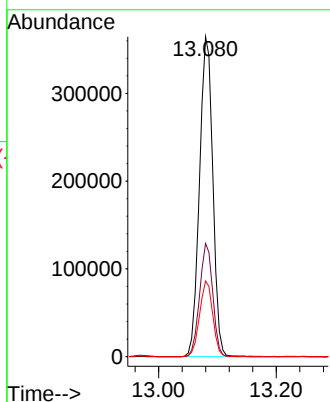
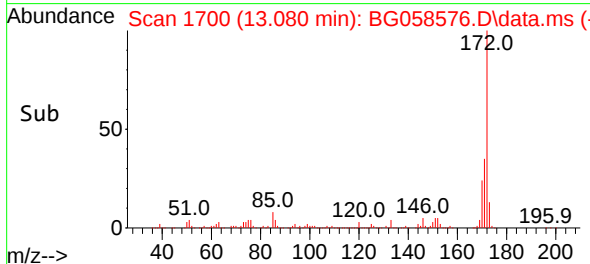
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:172 Resp: 572717
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.6 18.4 27.6

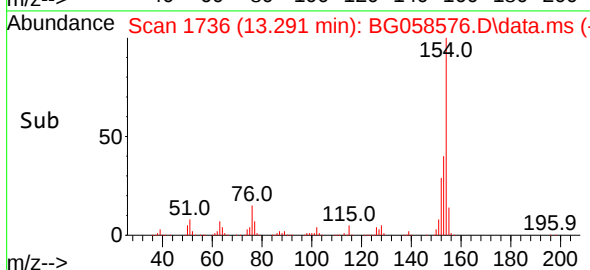
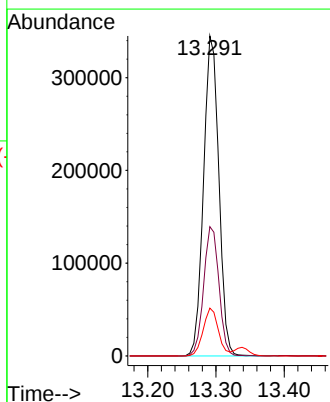
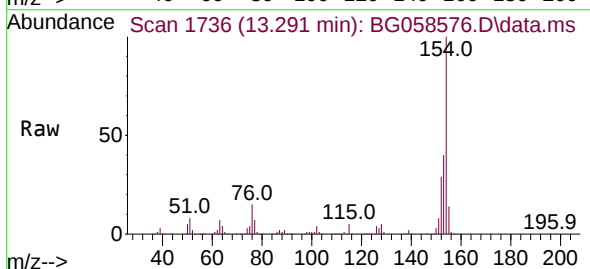
Manual Integrations
APPROVED

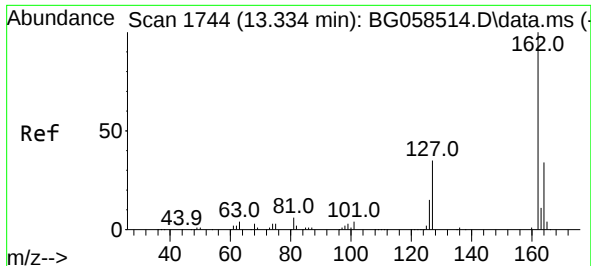
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#46
1,1'-Biphenyl
Concen: 47.759 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

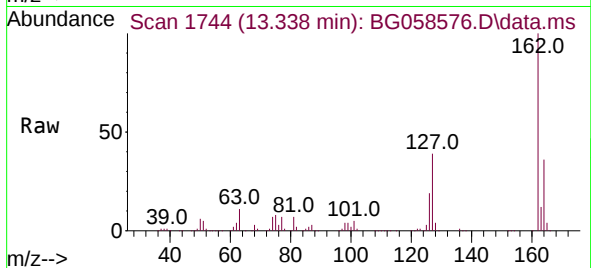
Tgt Ion:154 Resp: 537536
Ion Ratio Lower Upper
154 100
153 40.4 21.2 61.2
76 15.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 49.110 ng
RT: 13.338 min Scan# 1744
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

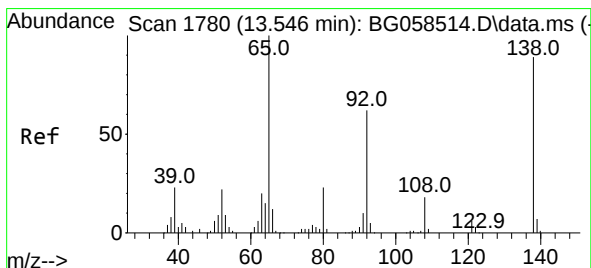
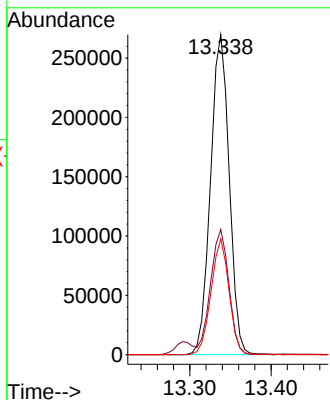
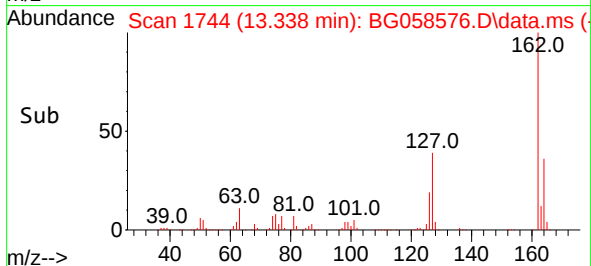
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:162 Resp: 430978
Ion Ratio Lower Upper
162 100
127 39.1 30.9 46.3
164 36.1 27.2 40.8

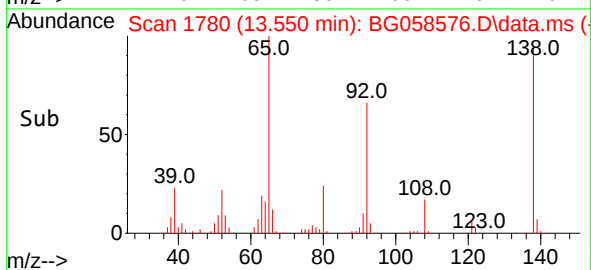
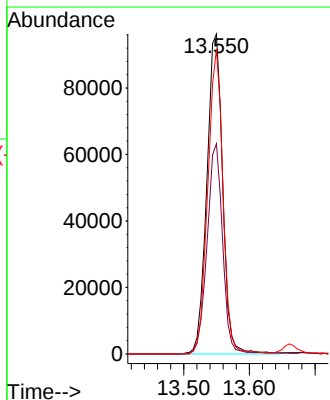
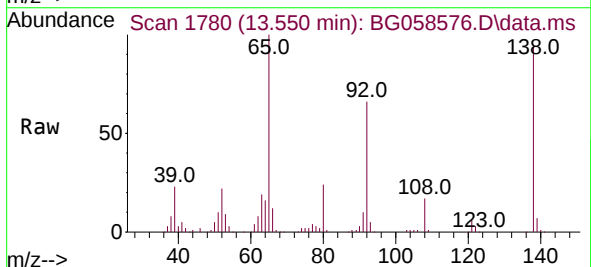
Manual Integrations
APPROVED

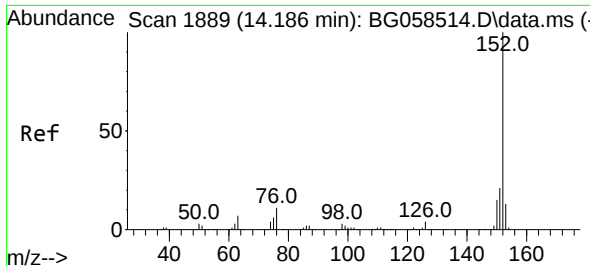
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#48
2-Nitroaniline
Concen: 48.141 ng
RT: 13.550 min Scan# 1780
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

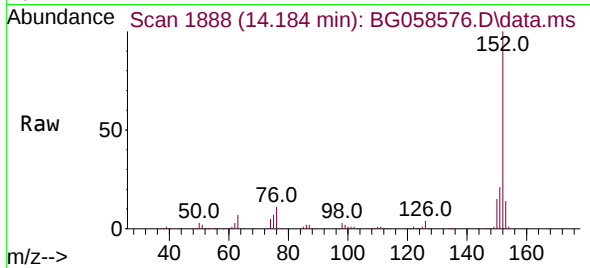
Tgt Ion: 65 Resp: 161254
Ion Ratio Lower Upper
65 100
92 65.7 49.2 73.8
138 95.2 71.5 107.3





#49
Acenaphthylene
Concen: 47.754 ng
RT: 14.184 min Scan# 1888
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

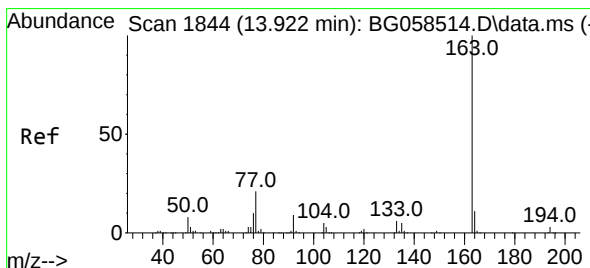
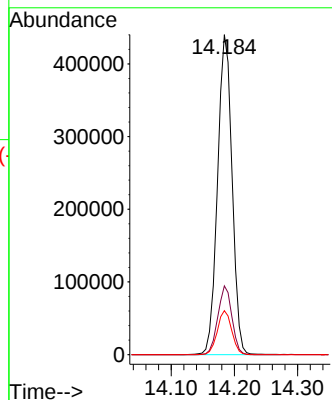
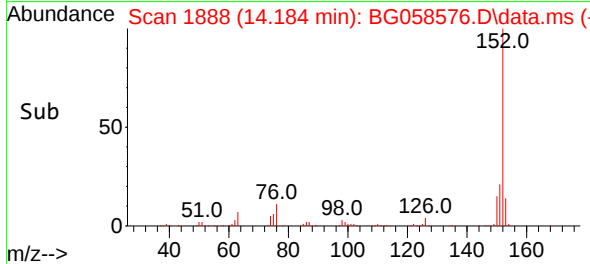
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



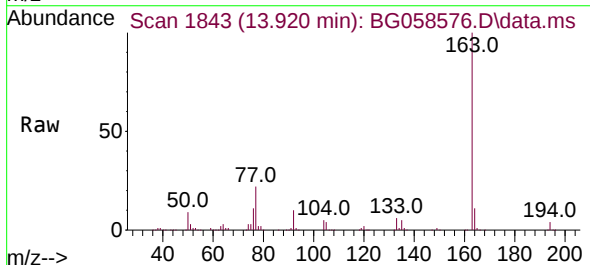
Tgt Ion:152 Resp: 701631
Ion Ratio Lower Upper
152 100
151 21.5 16.5 24.7
153 13.7 10.7 16.1

Manual Integrations
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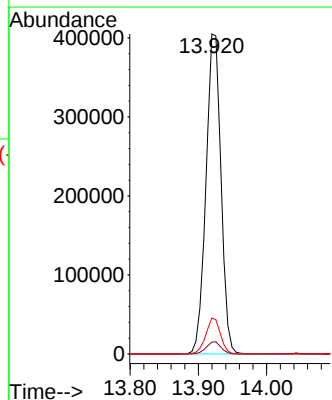
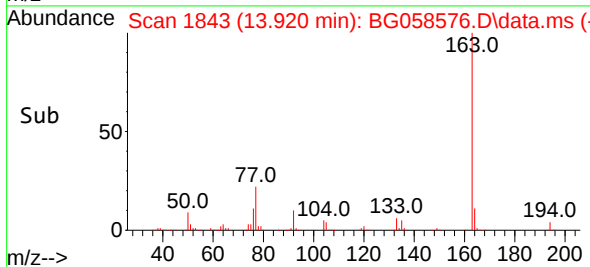
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

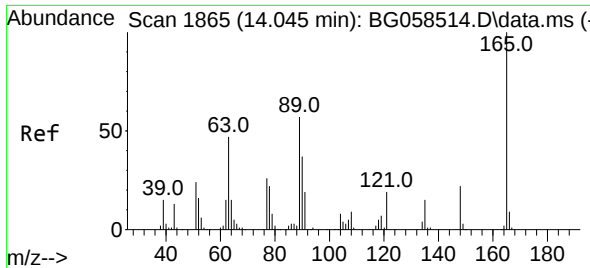


#50
Dimethylphthalate
Concen: 50.276 ng
RT: 13.920 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



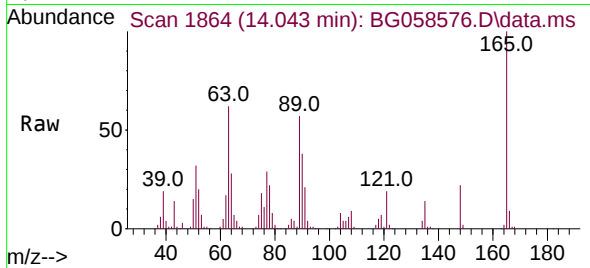
Tgt Ion:163 Resp: 618831
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.2 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.621 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

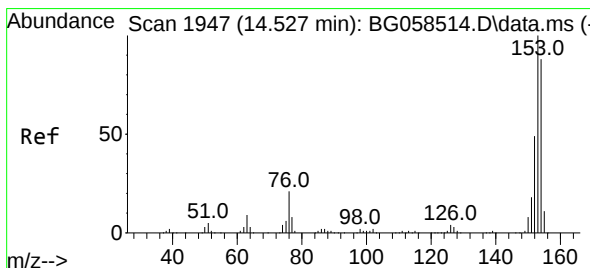
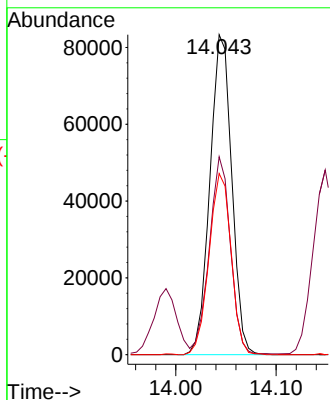
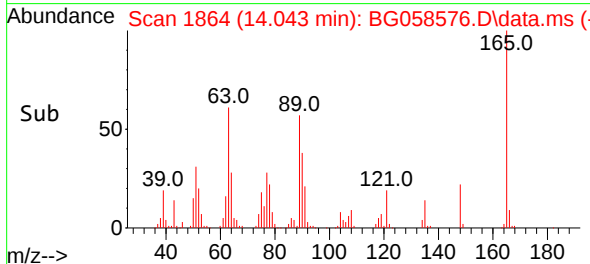
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:165 Resp: 125910
Ion Ratio Lower Upper
165 100
63 61.8 46.4 69.6
89 56.6 45.3 67.9

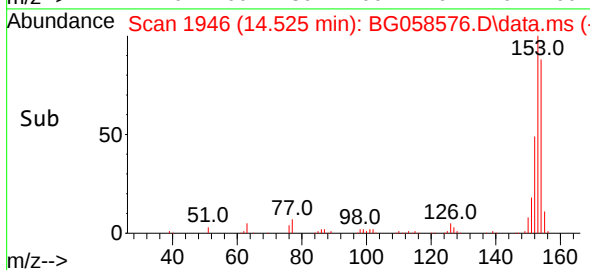
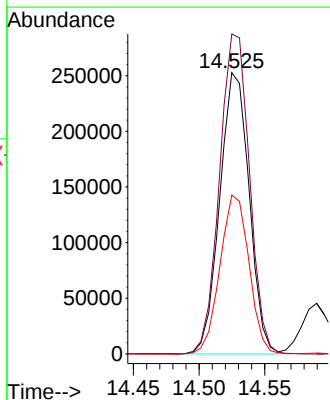
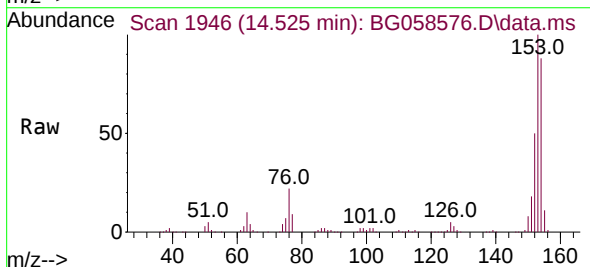
Manual Integrations
APPROVED

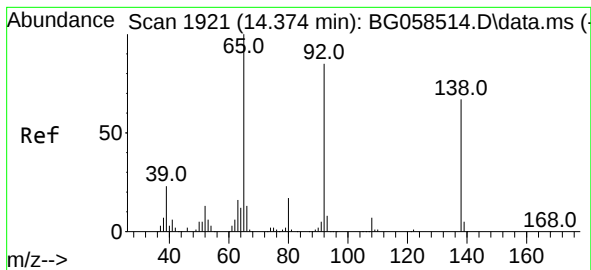
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#52
Acenaphthene
Concen: 46.340 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

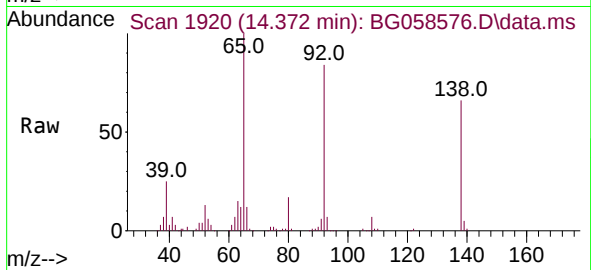
Tgt Ion:154 Resp: 393408
Ion Ratio Lower Upper
154 100
153 113.8 91.1 136.7
152 56.5 44.6 66.8





#53
3-Nitroaniline
Concen: 34.058 ng
RT: 14.372 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

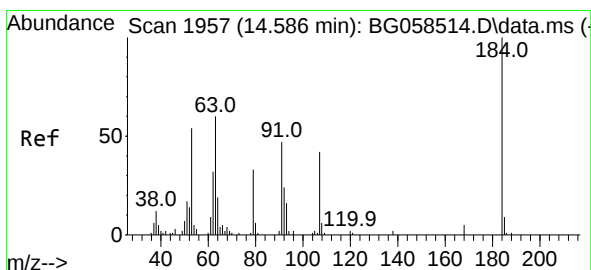
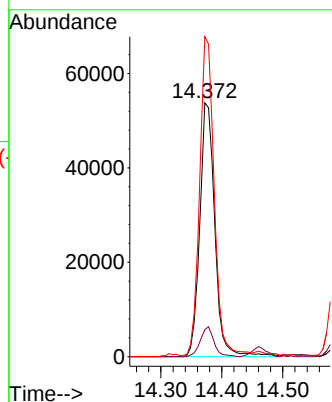
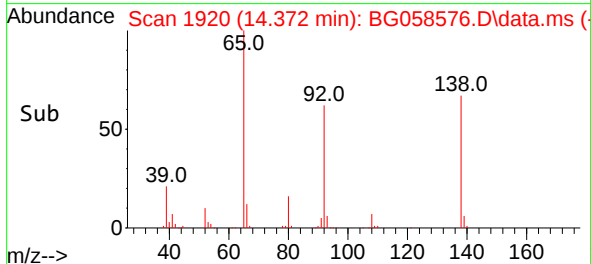
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



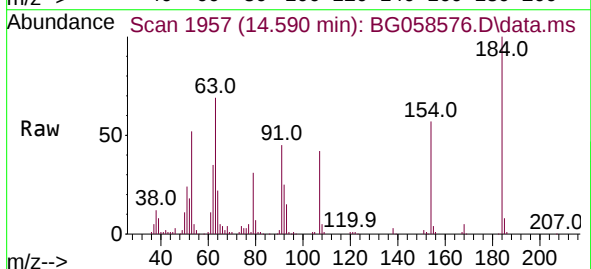
Tgt Ion:138 Resp: 92026
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 126.2 101.1 151.7

Manual Integrations
APPROVED

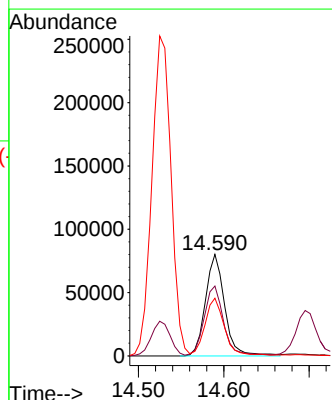
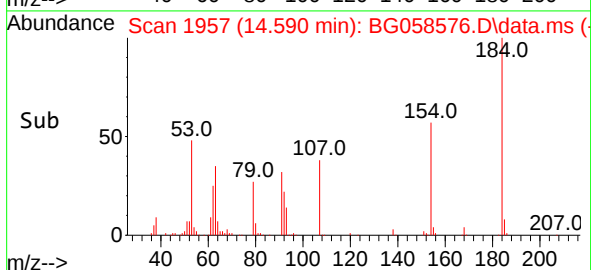
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

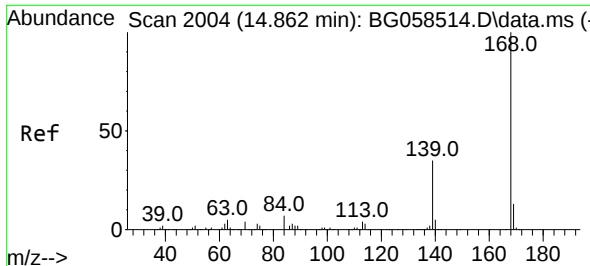


#54
2,4-Dinitrophenol
Concen: 81.989 ng
RT: 14.590 min Scan# 1957
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



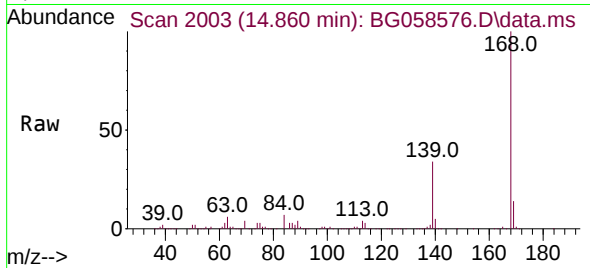
Tgt Ion:184 Resp: 125137
Ion Ratio Lower Upper
184 100
63 68.8 56.7 85.1
154 56.8 46.1 69.1





#55
Dibenzenofuran
Concen: 45.605 ng
RT: 14.860 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

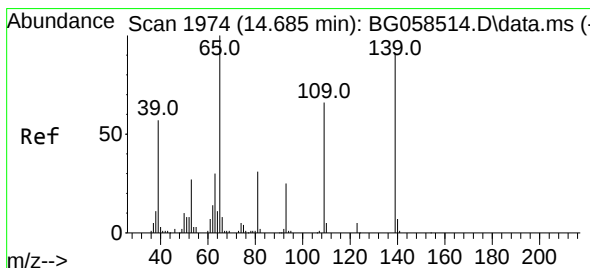
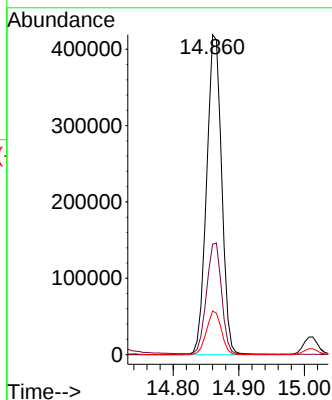
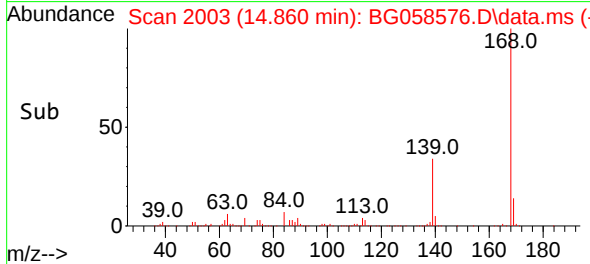
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:168 Resp: 665290
Ion Ratio Lower Upper
168 100
139 34.5 27.8 41.8
169 13.6 10.6 16.0

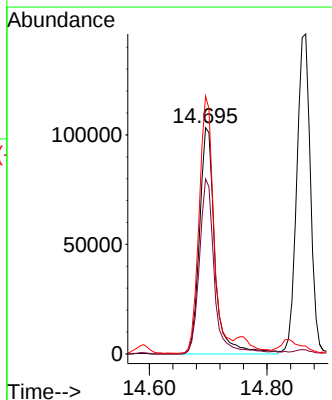
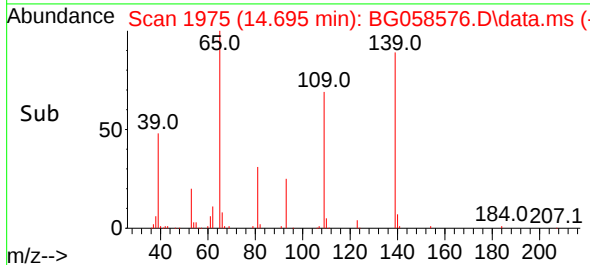
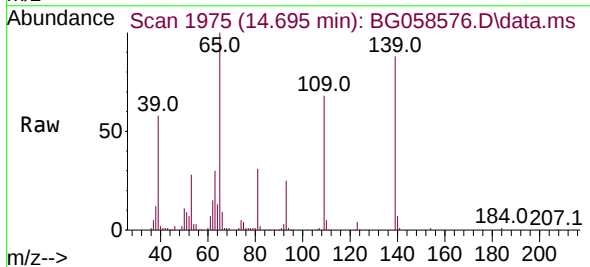
Manual Integrations
APPROVED

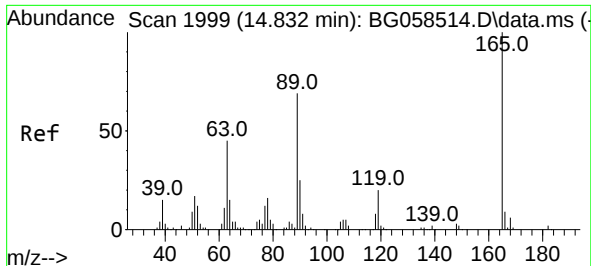
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#56
4-Nitrophenol
Concen: 93.270 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

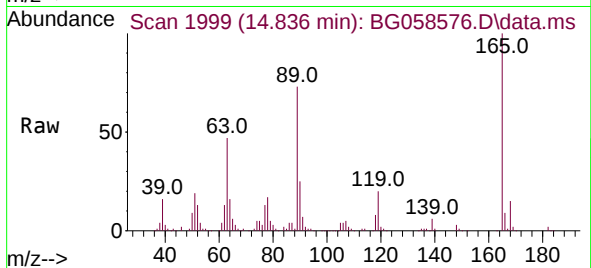
Tgt Ion:139 Resp: 187899
Ion Ratio Lower Upper
139 100
109 77.3 52.5 92.5
65 114.0 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 46.807 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

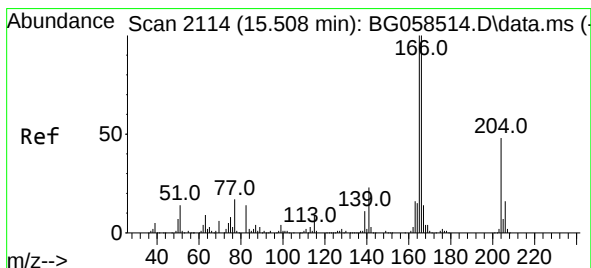
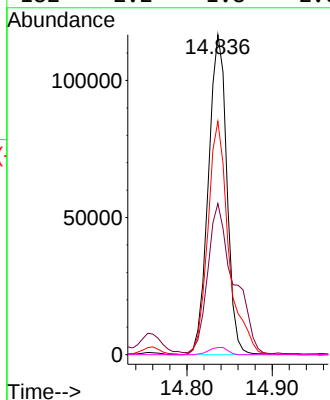
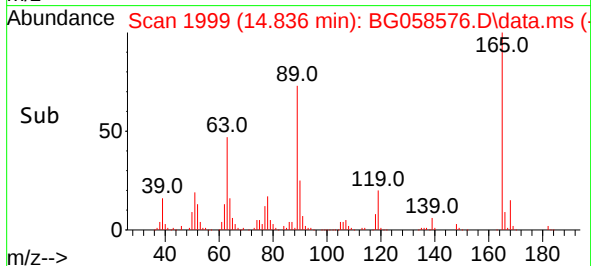
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:165 Resp: 175252
Ion Ratio Lower Upper
165 100
63 47.3 36.6 54.8
89 72.9 55.4 83.0
182 2.2 1.8 2.6

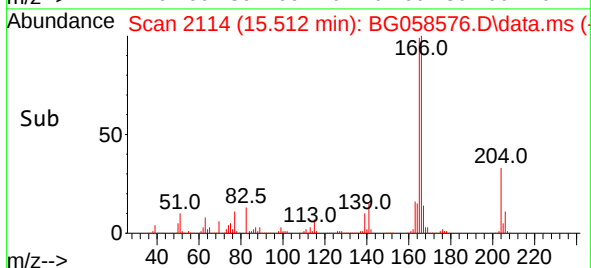
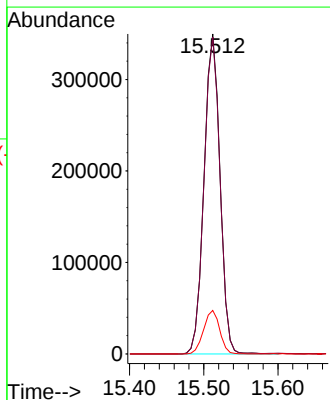
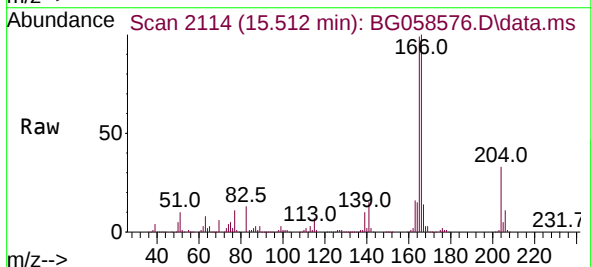
Manual Integrations
APPROVED

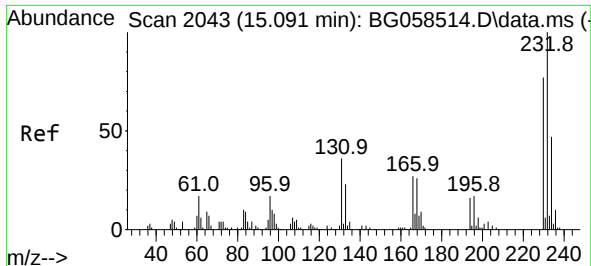
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#58
Fluorene
Concen: 45.039 ng
RT: 15.512 min Scan# 2114
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

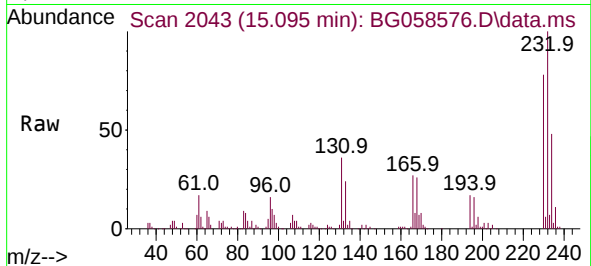
Tgt Ion:166 Resp: 521952
Ion Ratio Lower Upper
166 100
165 99.0 80.0 120.0
167 13.6 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.651 ng
RT: 15.095 min Scan# 2043
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

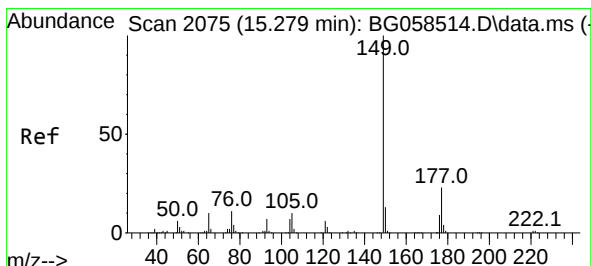
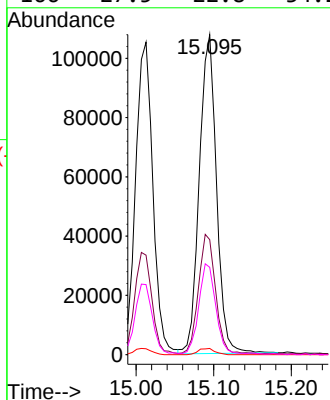
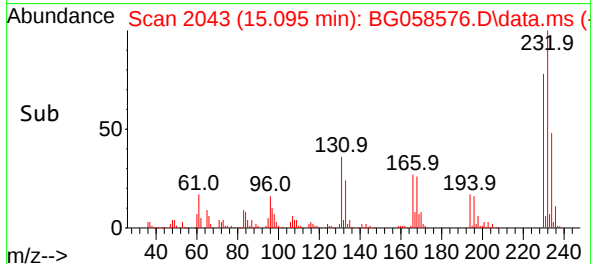
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



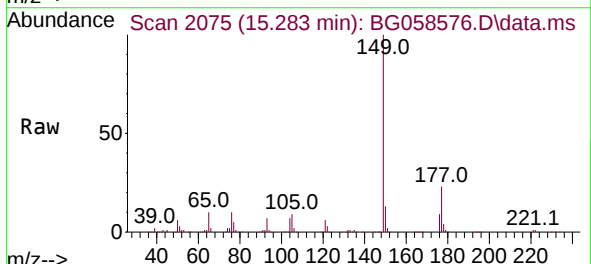
Tgt Ion:232 Resp: 16574
Ion Ratio Lower Upper
232 100
131 37.7 30.0 45.0
130 1.9 1.5 2.3
166 27.5 22.8 34.2

Manual Integrations
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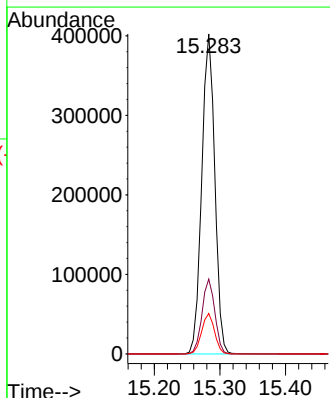
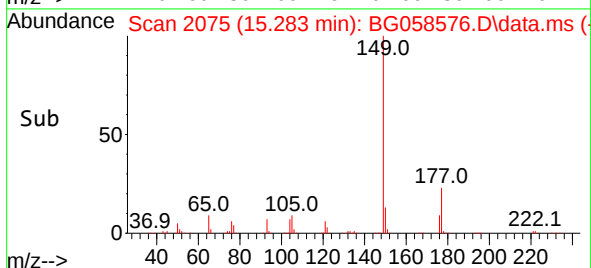
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

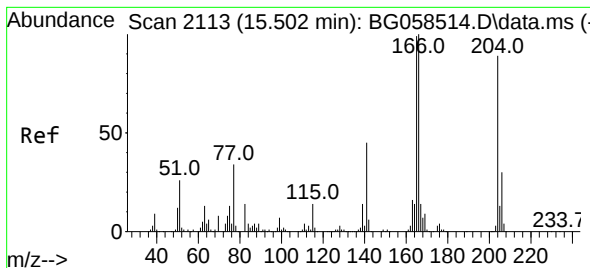


#60
Diethylphthalate
Concen: 43.975 ng
RT: 15.283 min Scan# 2075
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



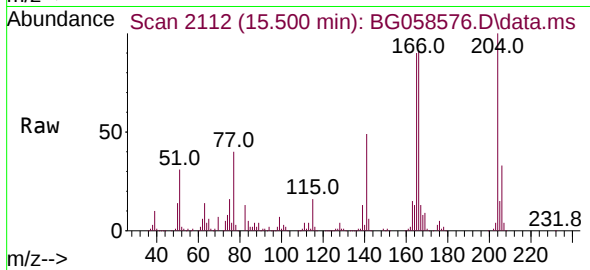
Tgt Ion:149 Resp: 551427
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.006 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

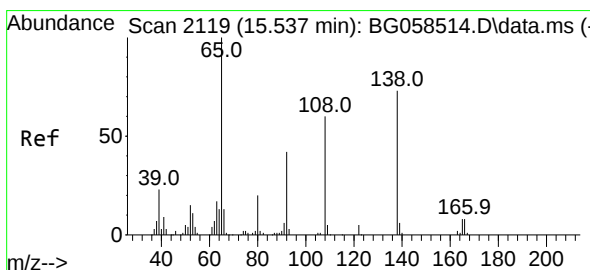
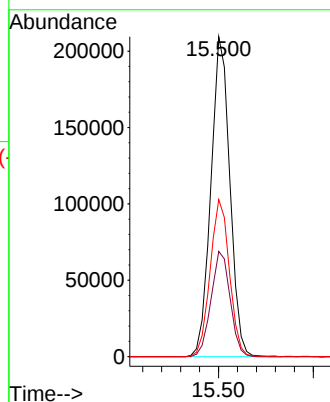
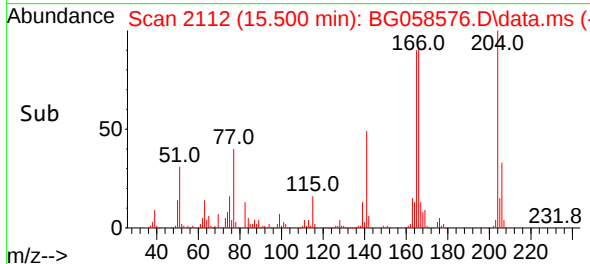
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:204 Resp: 290781
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 49.1 40.8 61.2

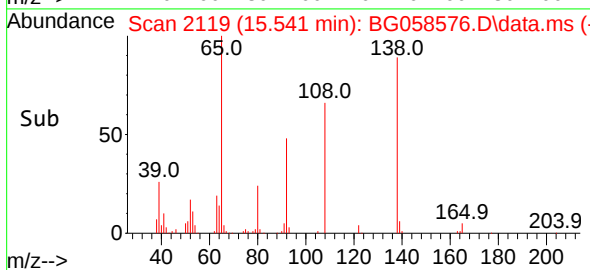
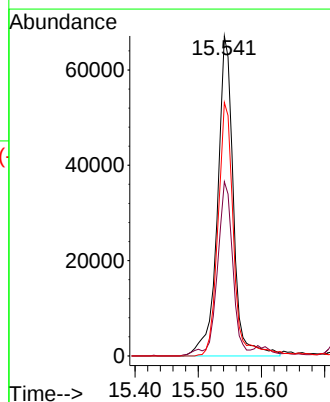
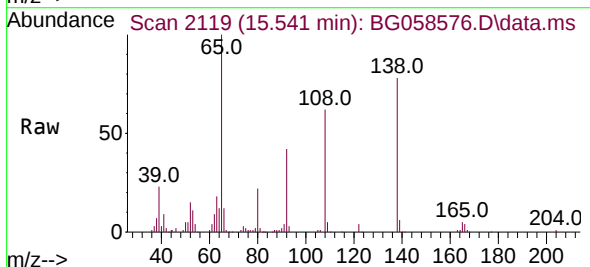
Manual Integrations
APPROVED

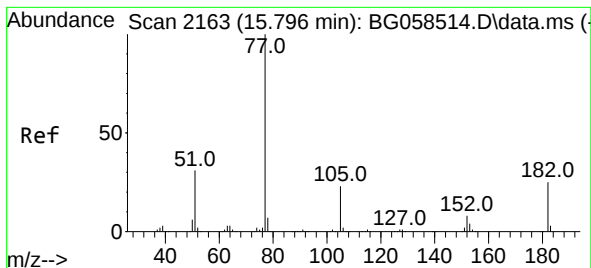
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#62
4-Nitroaniline
Concen: 45.823 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

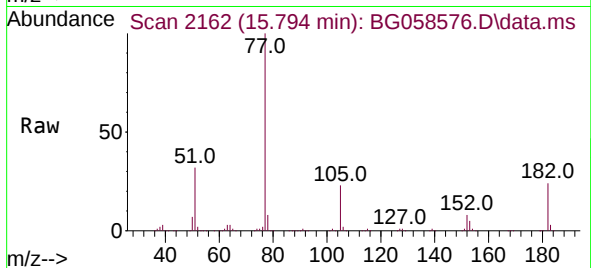
Tgt Ion:138 Resp: 117292
Ion Ratio Lower Upper
138 100
92 54.4 37.3 77.3
108 79.2 62.6 102.6





#63
Azobenzene
Concen: 44.961 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

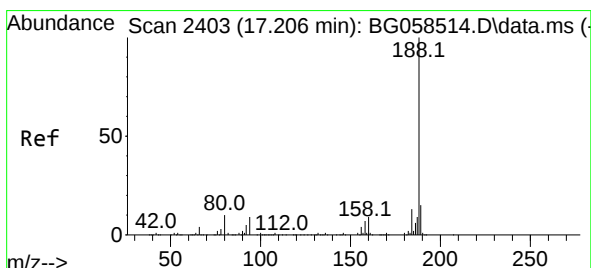
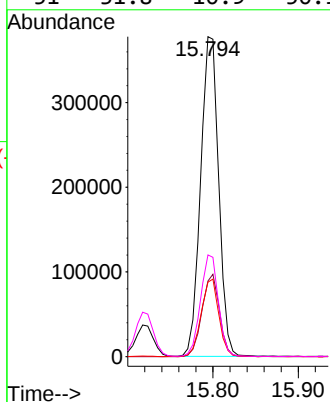
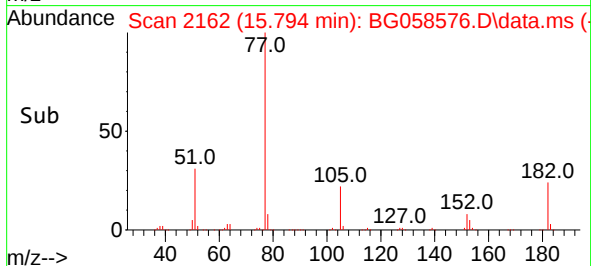
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



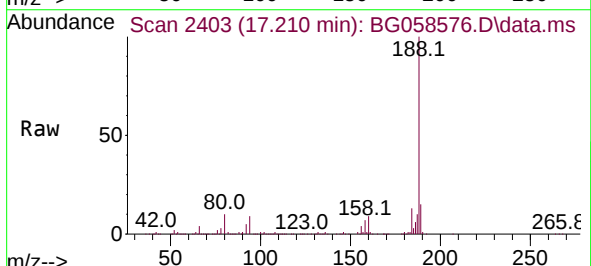
Tgt Ion: 77 Resp: 555309
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 23.3 3.3 43.3
51 31.8 10.9 50.9

Manual Integrations
APPROVED

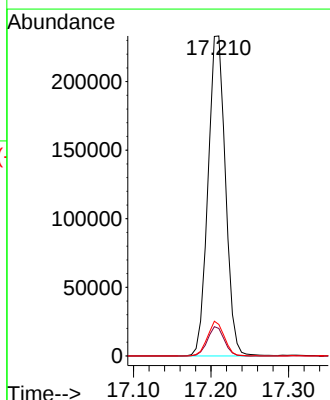
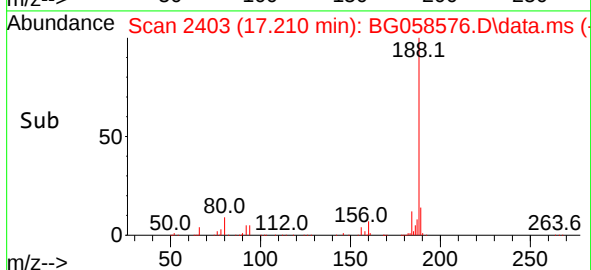
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

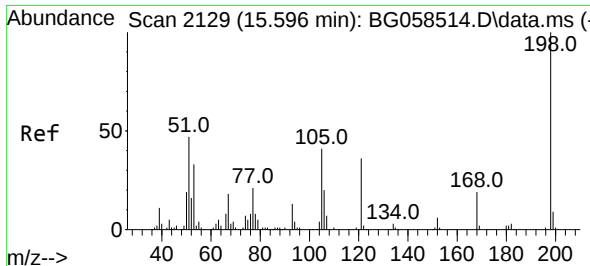


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2403
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



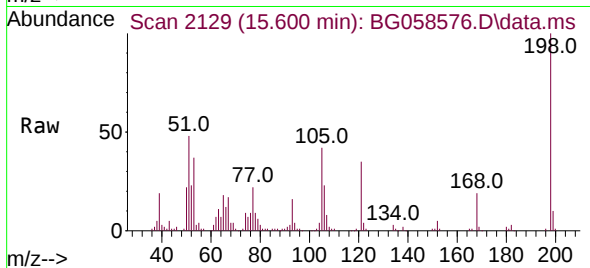
Tgt Ion:188 Resp: 364824
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.8 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 47.666 ng
RT: 15.600 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

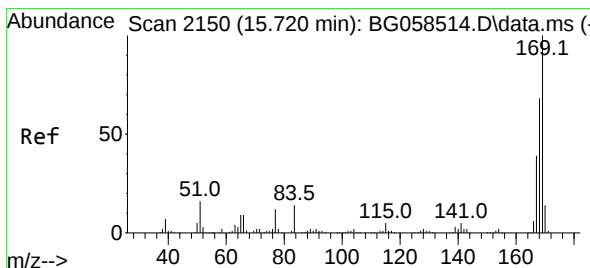
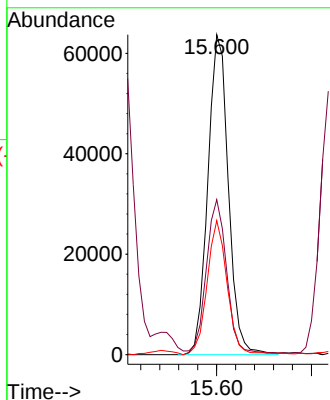
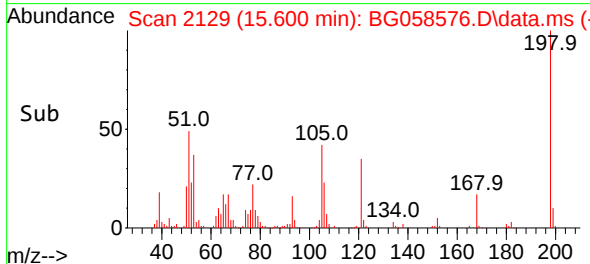
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



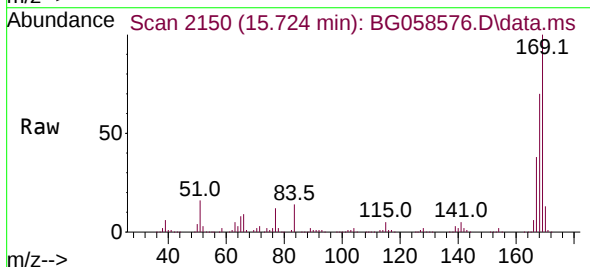
Tgt Ion:198 Resp: 95884
Ion Ratio Lower Upper
198 100
51 48.4 29.3 69.3
105 41.9 21.0 61.0

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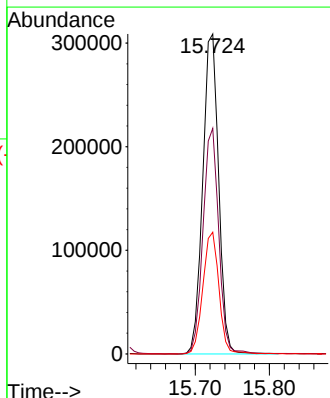
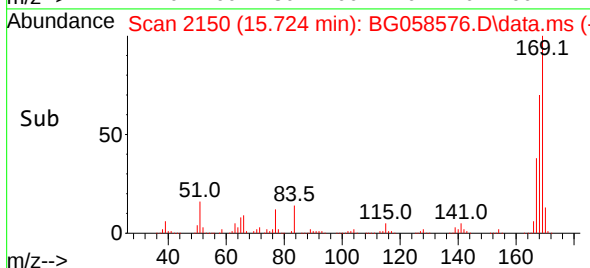
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

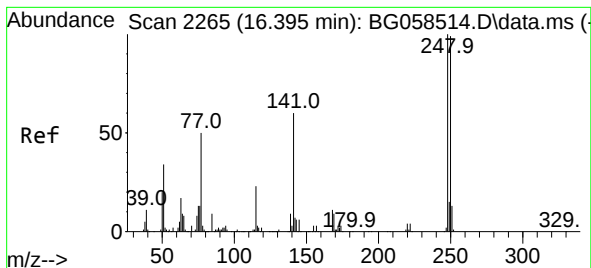


#66
n-Nitrosodiphenylamine
Concen: 48.299 ng
RT: 15.724 min Scan# 2150
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



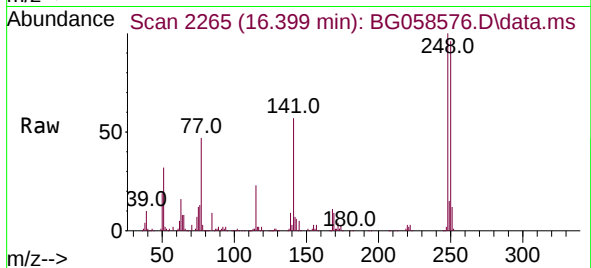
Tgt Ion:169 Resp: 458618
Ion Ratio Lower Upper
169 100
168 70.5 54.6 82.0
167 38.0 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 47.924 ng
RT: 16.399 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

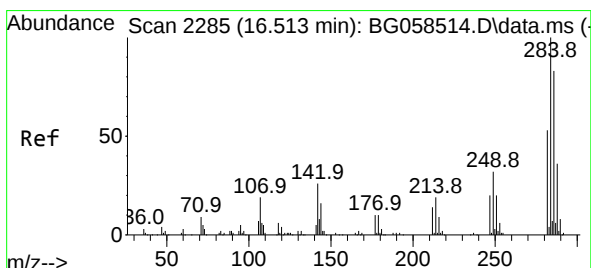
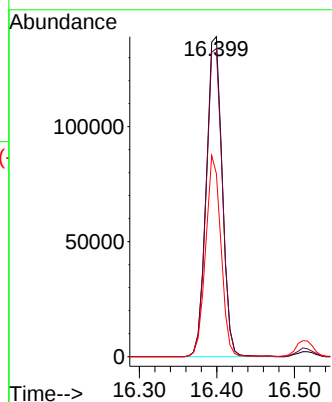
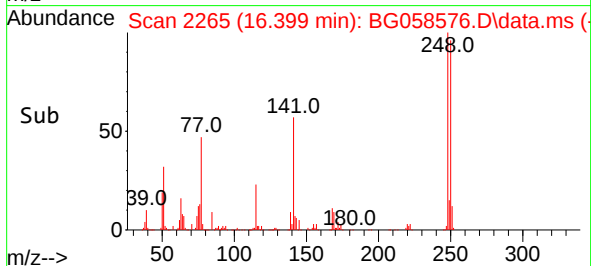
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



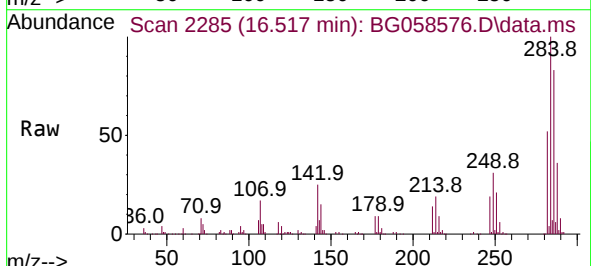
Tgt Ion:248 Resp: 198302
Ion Ratio Lower Upper
248 100
250 96.3 79.5 119.3
141 57.2 48.2 72.2

Manual Integrations
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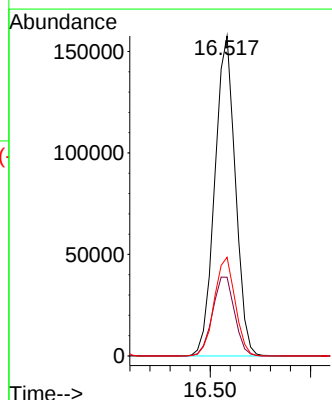
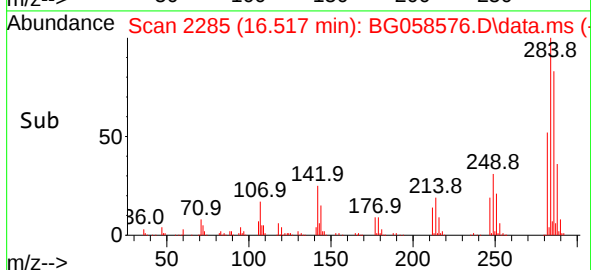
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

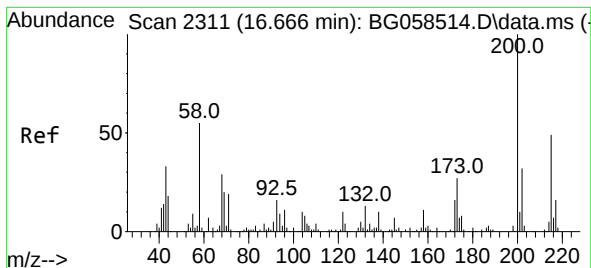


#68
Hexachlorobenzene
Concen: 51.179 ng
RT: 16.517 min Scan# 2285
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



Tgt Ion:284 Resp: 224405
Ion Ratio Lower Upper
284 100
142 24.6 21.0 31.4
249 30.8 25.5 38.3





#69

Atrazine

Concen: 57.049 ng

RT: 16.669 min Scan# 2311

Delta R.T. 0.004 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MS

Tgt Ion:200 Resp: 182866

Ion Ratio Lower Upper

200 100

173 25.5 6.5 46.5

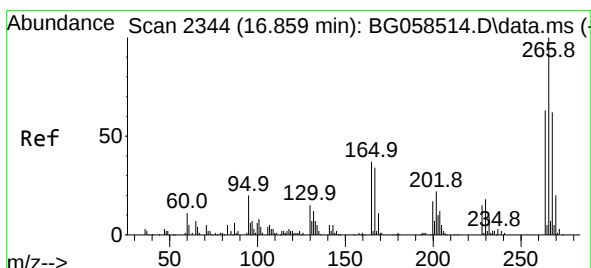
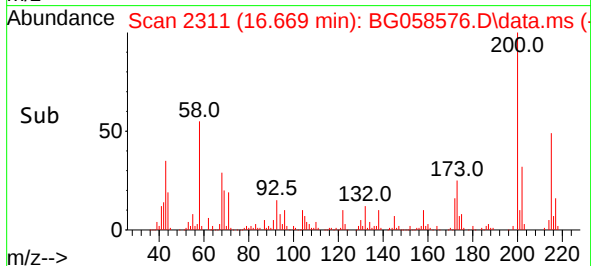
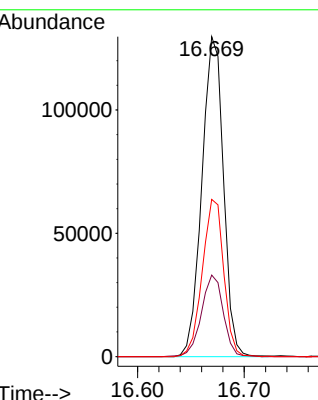
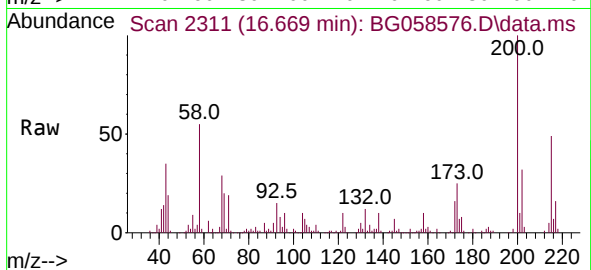
215 49.1 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#70

Pentachlorophenol

Concen: 88.579 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.004 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

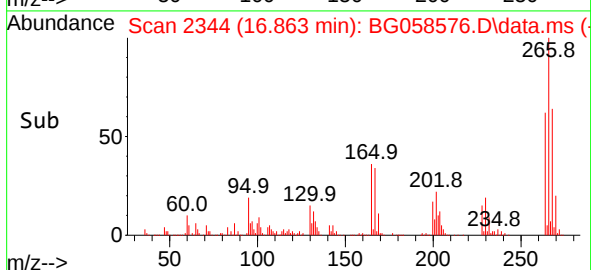
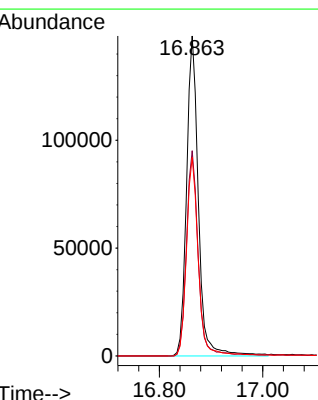
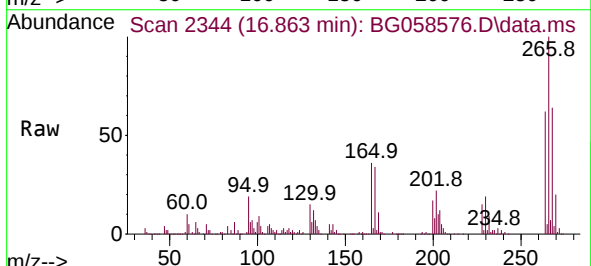
Tgt Ion:266 Resp: 235086

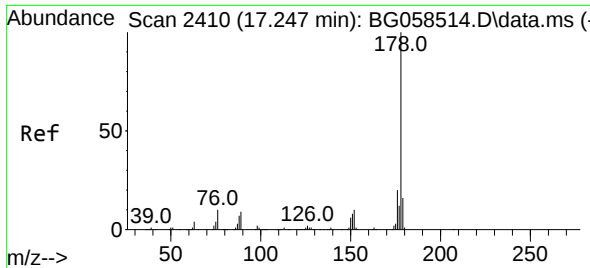
Ion Ratio Lower Upper

266 100

268 64.1 49.9 74.9

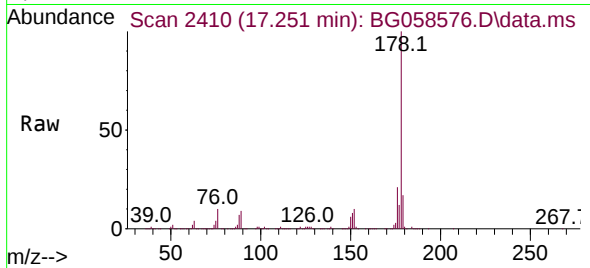
264 62.0 50.2 75.4





#71
Phenanthrene
Concen: 46.436 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

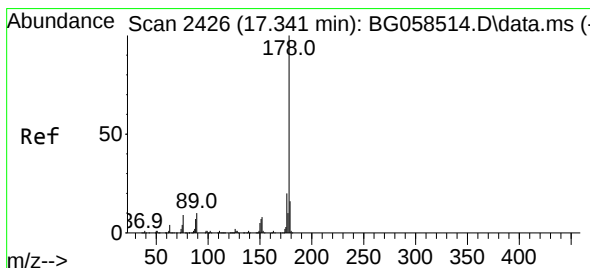
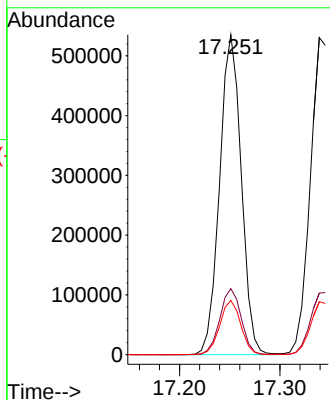
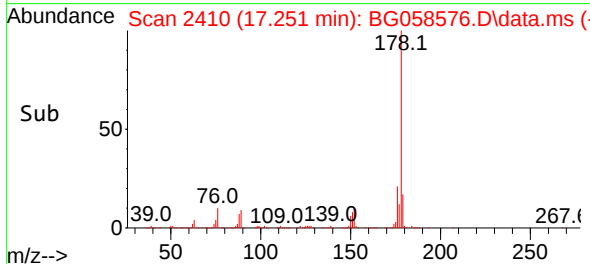
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:178 Resp: 803414
Ion Ratio Lower Upper
178 100
176 20.6 16.3 24.5
179 16.9 13.1 19.7

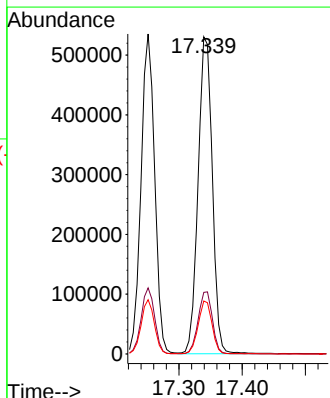
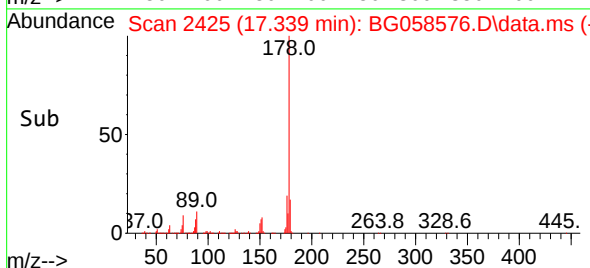
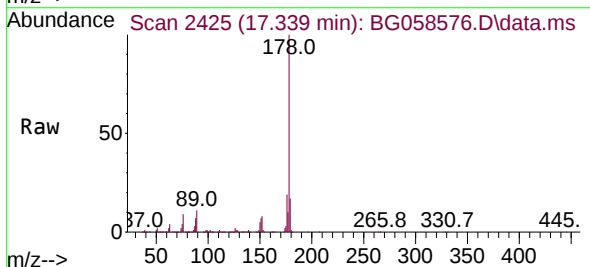
Manual Integrations
APPROVED

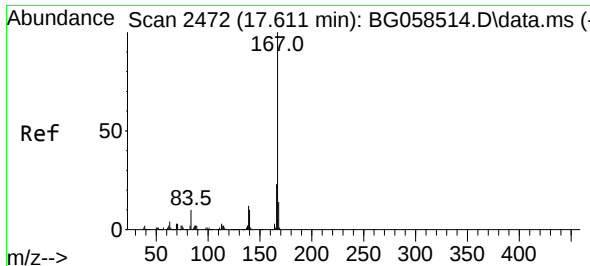
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#72
Anthracene
Concen: 46.692 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

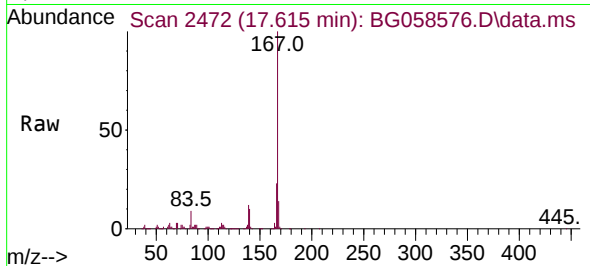
Tgt Ion:178 Resp: 828904
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.7 12.9 19.3





#73
 Carbazole
 Concen: 48.461 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG058576.D
 Acq: 2 Aug 2023 13:22

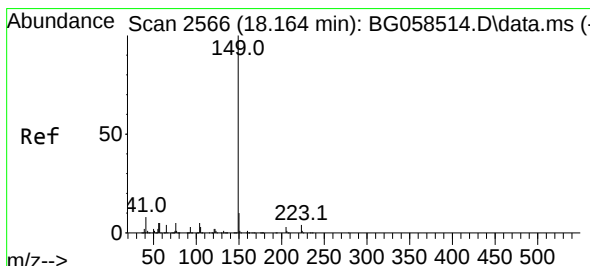
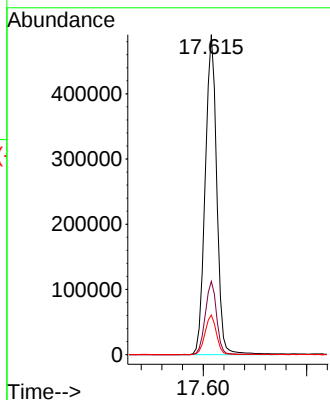
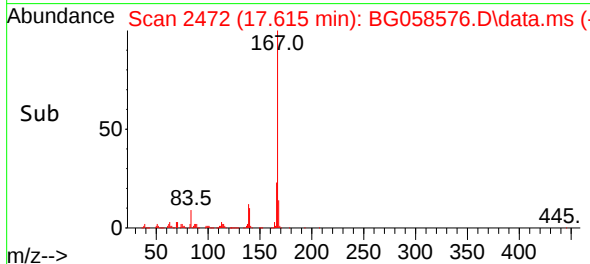
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721MS



Tgt Ion:167 Resp: 758653
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.4 10.0 15.0

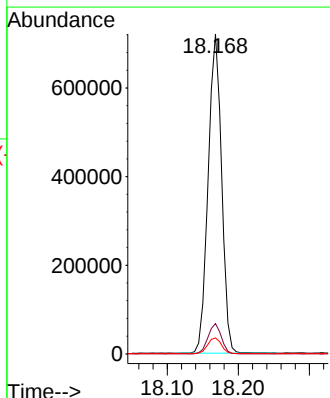
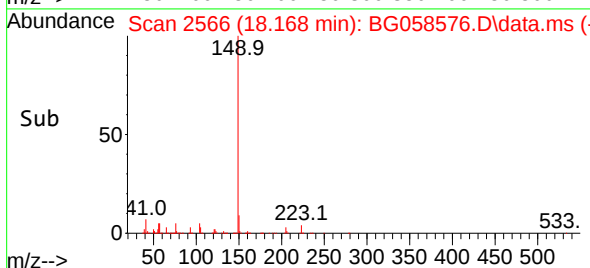
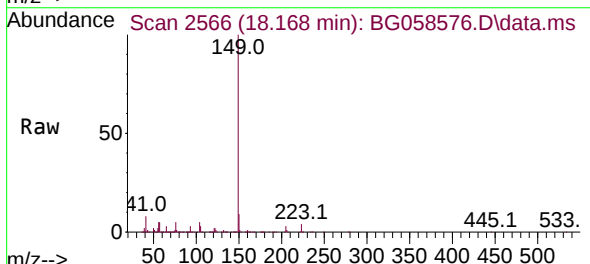
Manual Integrations
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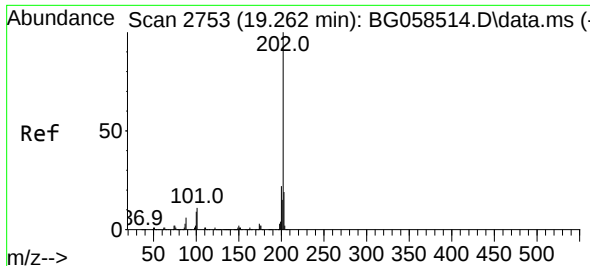
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023



#74
 Di-n-butylphthalate
 Concen: 48.056 ng
 RT: 18.168 min Scan# 2566
 Delta R.T. 0.004 min
 Lab File: BG058576.D
 Acq: 2 Aug 2023 13:22

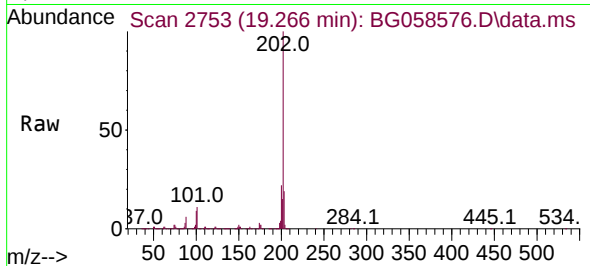
Tgt Ion:149 Resp: 942305
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 45.388 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

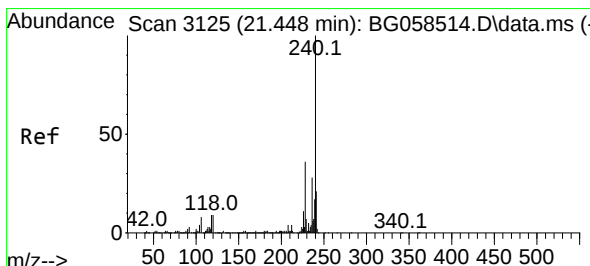
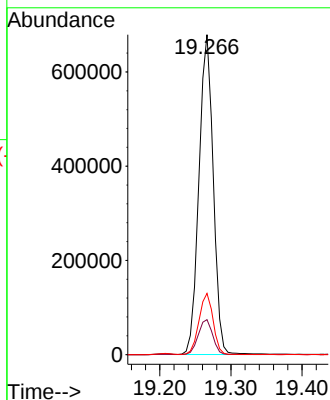
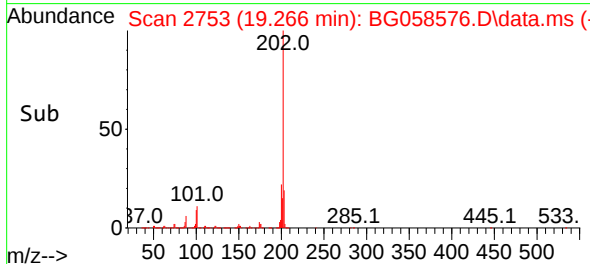
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



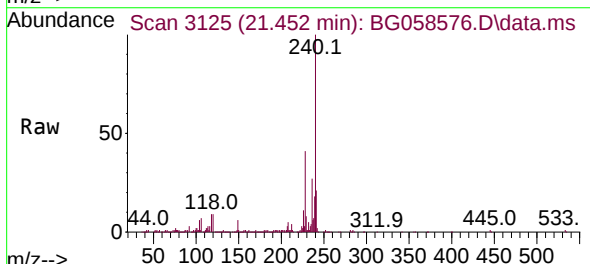
Tgt Ion:202 Resp: 943297
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 19.1 0.0 39.0

Manual Integrations
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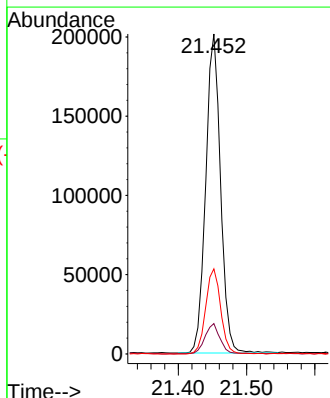
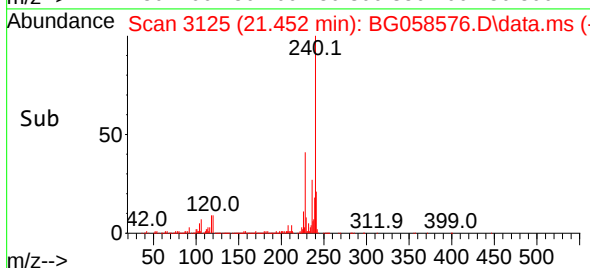
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

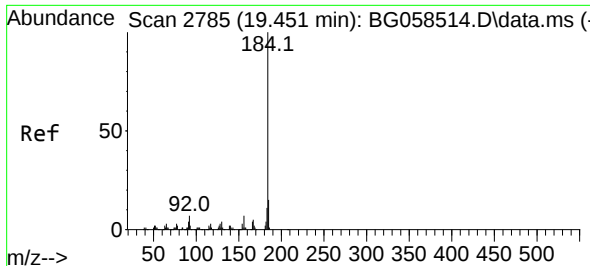


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



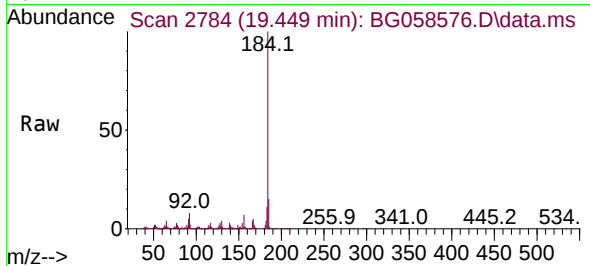
Tgt Ion:240 Resp: 304572
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.6 22.2 33.4





#77
Benzidine
Concen: 86.497 ng
RT: 19.449 min Scan# 2784
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

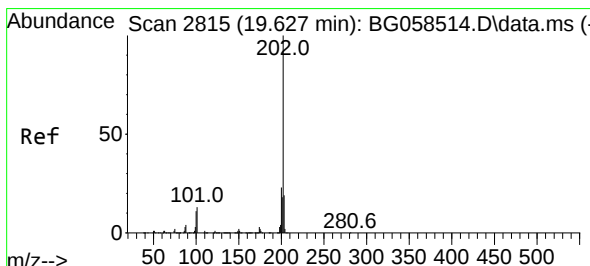
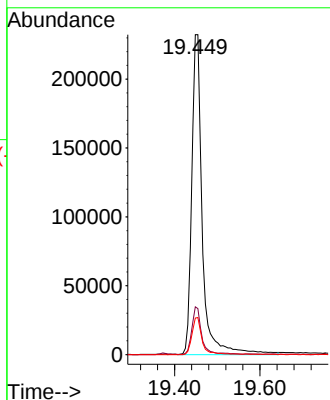
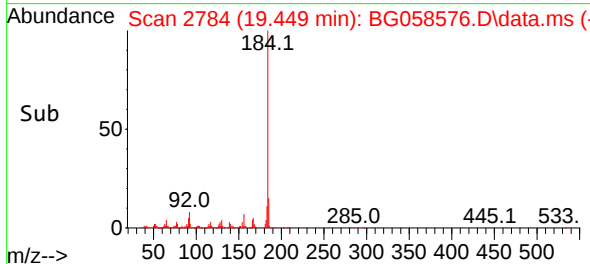
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



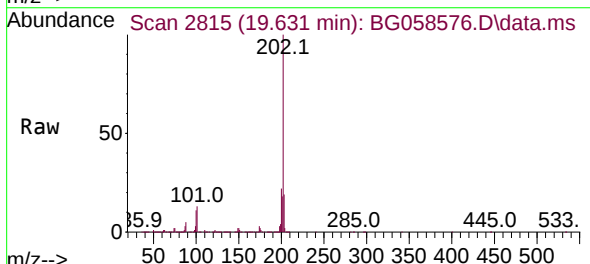
Tgt Ion:184 Resp: 399492
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.4 8.7 13.1

Manual Integrations
APPROVED

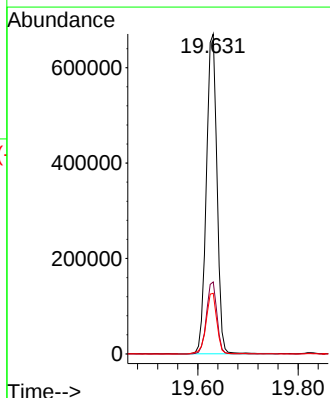
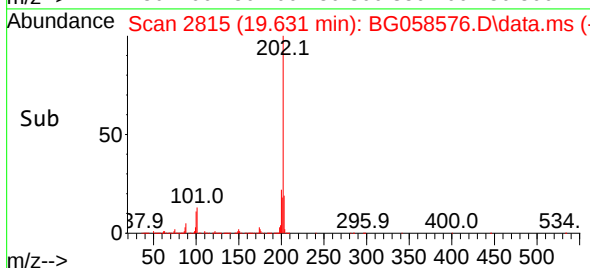
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

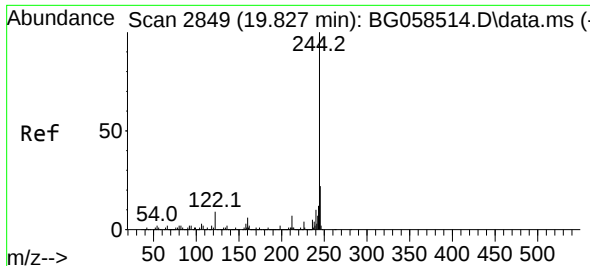


#78
Pyrene
Concen: 47.387 ng
RT: 19.631 min Scan# 2815
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



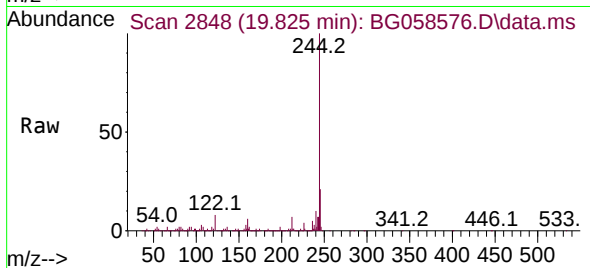
Tgt Ion:202 Resp: 982230
Ion Ratio Lower Upper
202 100
200 22.5 18.2 27.2
203 19.0 15.1 22.7





#79
 Terphenyl-d14
 Concen: 58.032 ng
 RT: 19.825 min Scan# 2849
 Delta R.T. -0.002 min
 Lab File: BG058576.D
 Acq: 2 Aug 2023 13:22

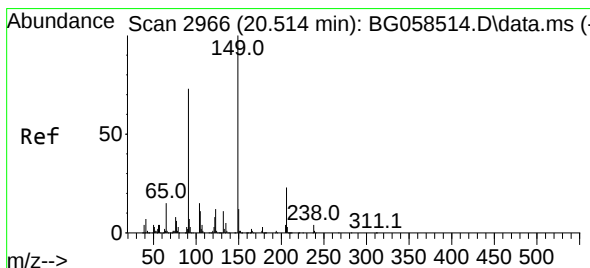
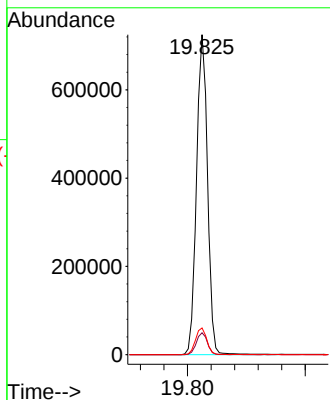
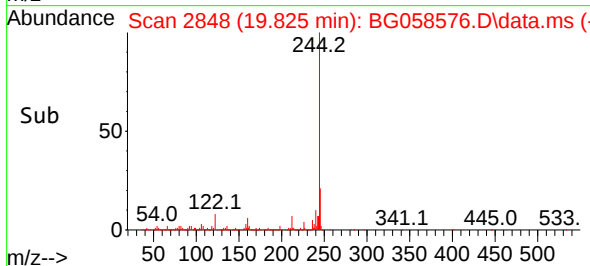
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721MS



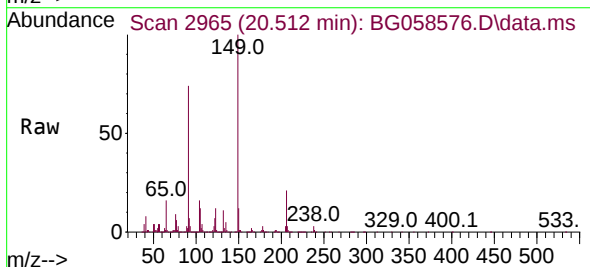
Tgt Ion:244 Resp: 939886
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.3 6.8 10.2

Manual Integrations
 APPROVED

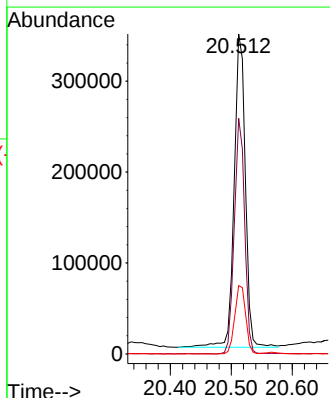
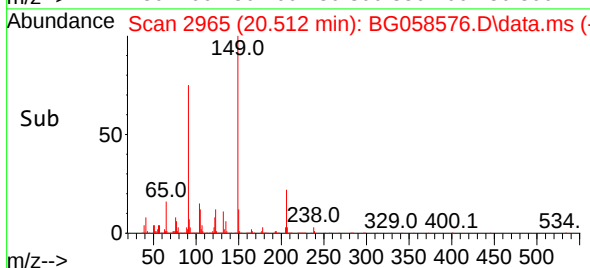
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

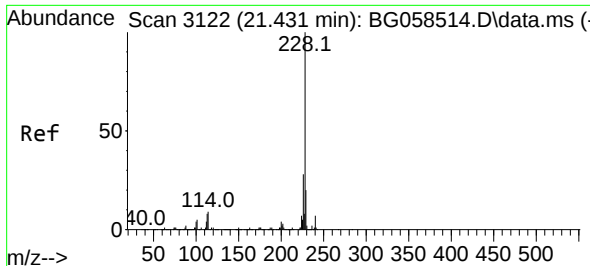


#80
 Butylbenzylphthalate
 Concen: 51.582 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058576.D
 Acq: 2 Aug 2023 13:22



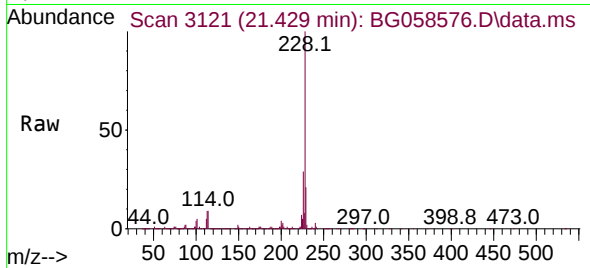
Tgt Ion:149 Resp: 439175
 Ion Ratio Lower Upper
 149 100
 91 73.6 58.4 87.6
 206 21.3 18.3 27.5





#81
Benzo(a)anthracene
Concen: 48.133 ng
RT: 21.429 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

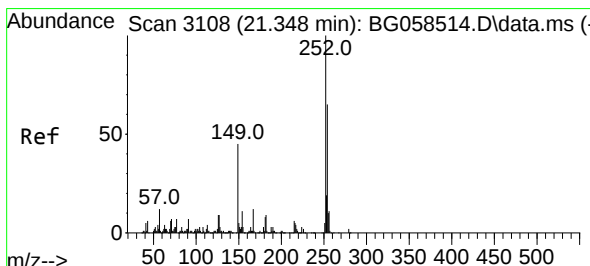
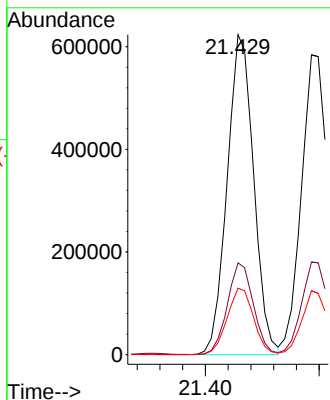
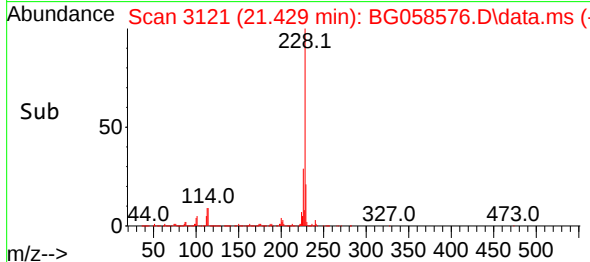
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:228 Resp: 1008876
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.8 16.3 24.5

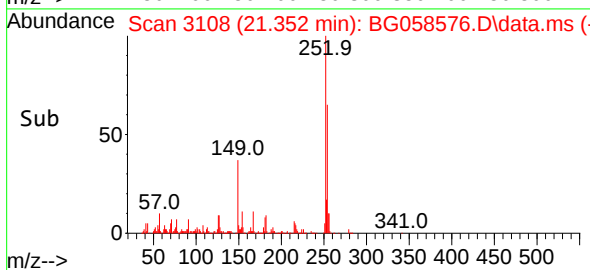
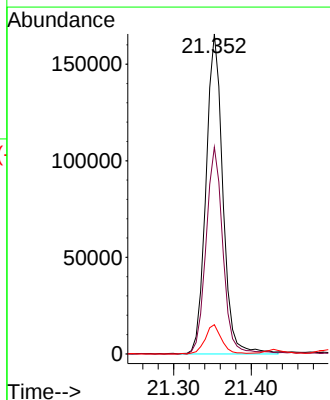
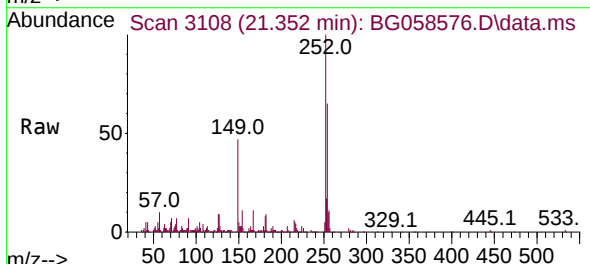
Manual Integrations
APPROVED

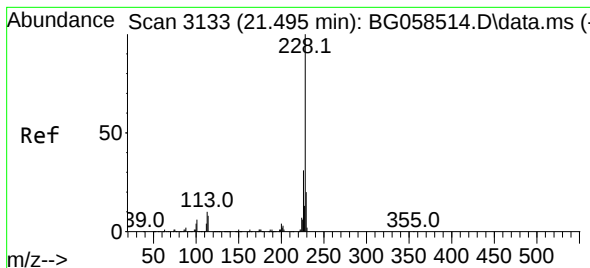
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.259 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

Tgt Ion:252 Resp: 249874
Ion Ratio Lower Upper
252 100
254 64.6 52.2 78.4
126 9.1 7.2 10.8





#83

Chrysene

Concen: 46.633 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721MS

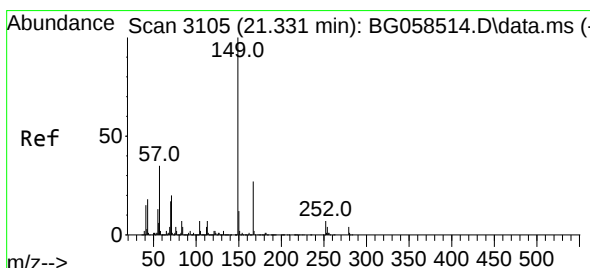
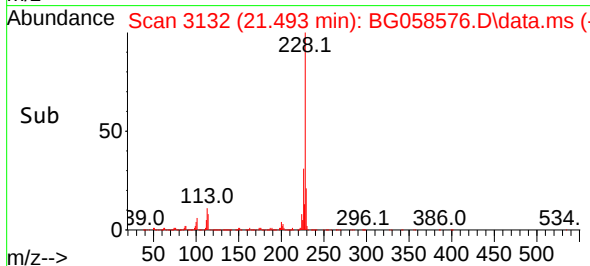
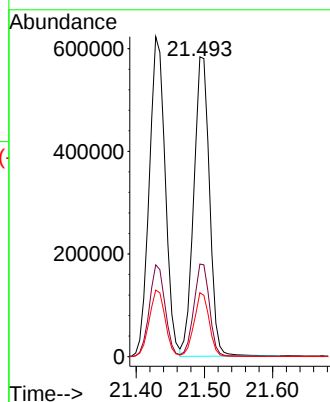
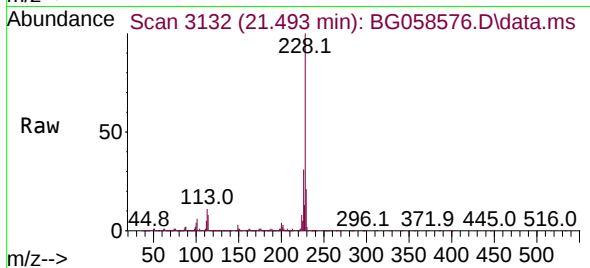
Tgt Ion:228 Resp: 937172
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 21.3 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.715 ng

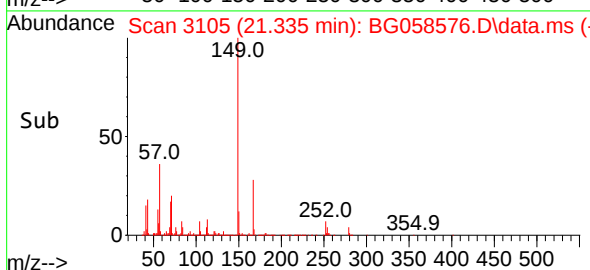
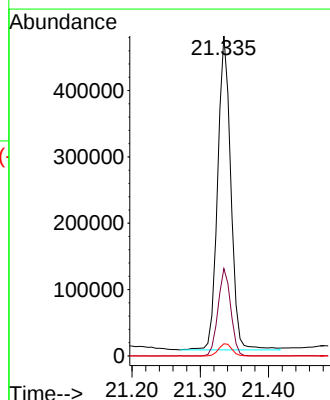
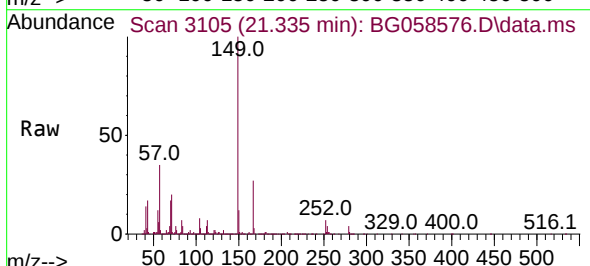
RT: 21.335 min Scan# 3105

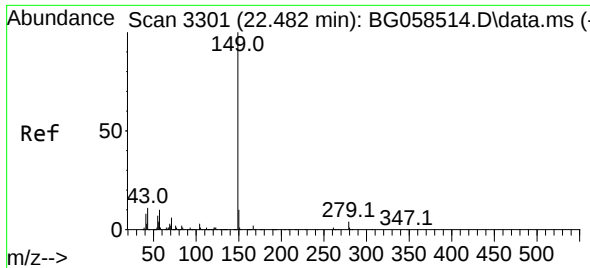
Delta R.T. 0.004 min

Lab File: BG058576.D

Acq: 2 Aug 2023 13:22

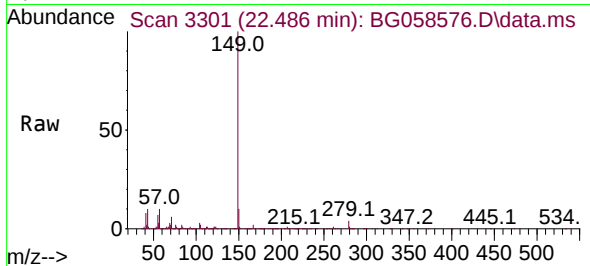
Tgt Ion:149 Resp: 630991
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 49.597 ng
RT: 22.486 min Scan# 3301
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

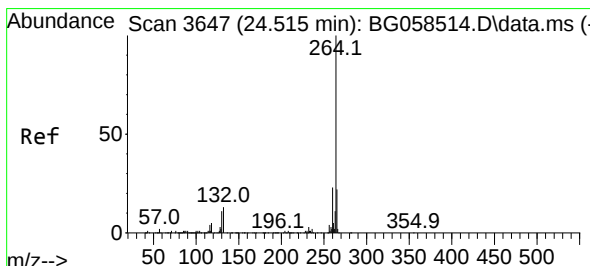
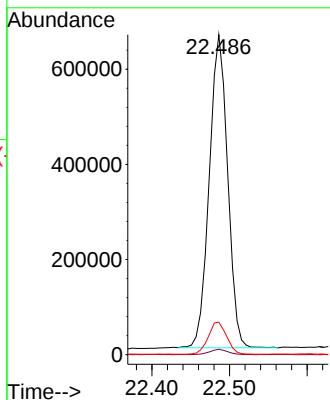
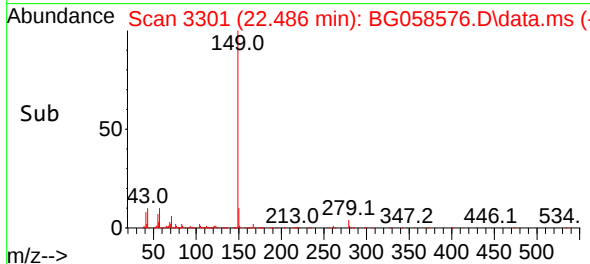
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:149 Resp: 1084916
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.2 8.2 12.2

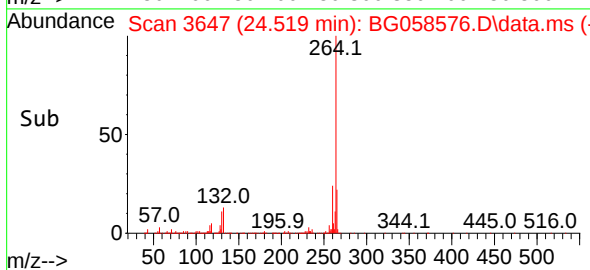
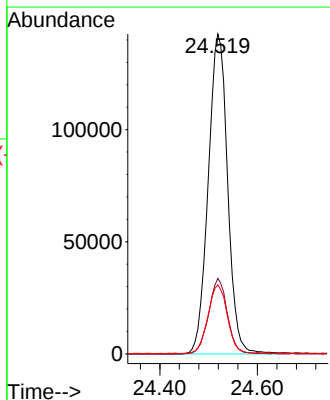
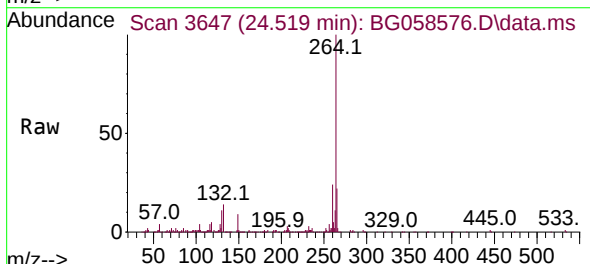
Manual Integrations
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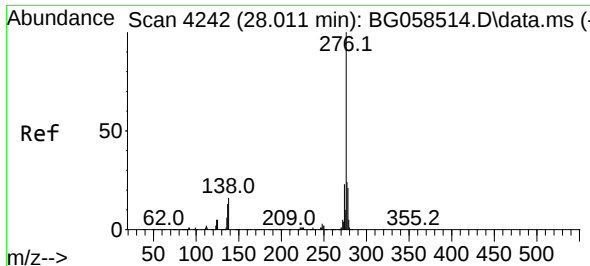
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

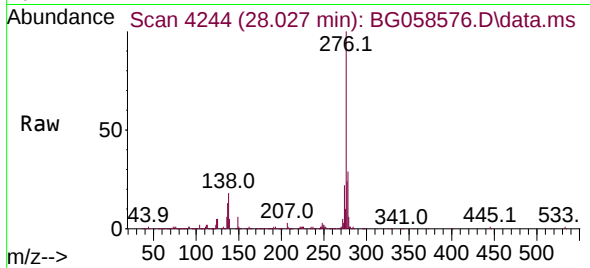
Tgt Ion:264 Resp: 394180
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.6 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.989 ng
RT: 28.027 min Scan# 4244
Delta R.T. 0.016 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

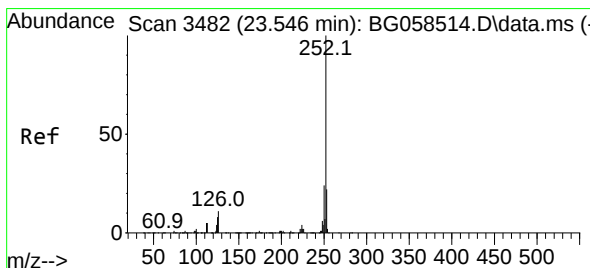
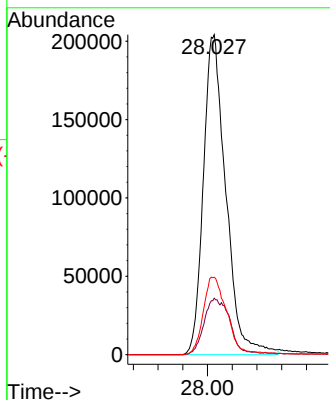
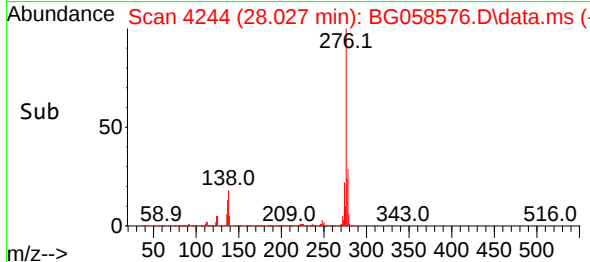
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:276 Resp: 128465
Ion Ratio Lower Upper
276 100
138 20.1 16.0 24.0
277 25.1 20.4 30.6

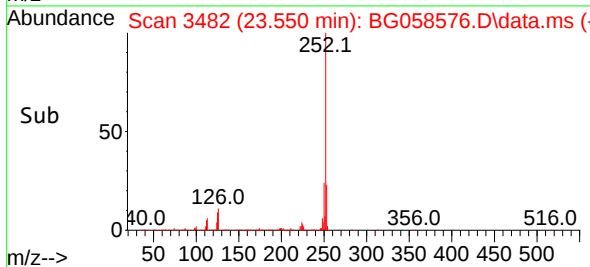
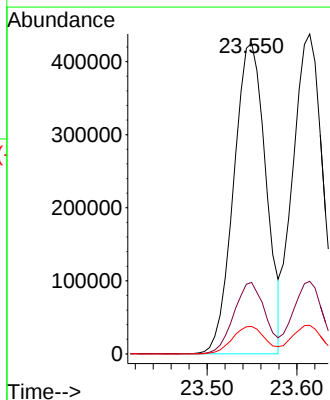
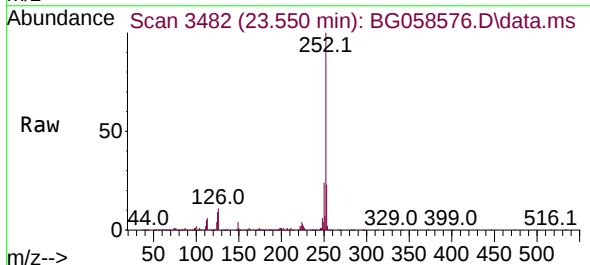
Manual Integrations
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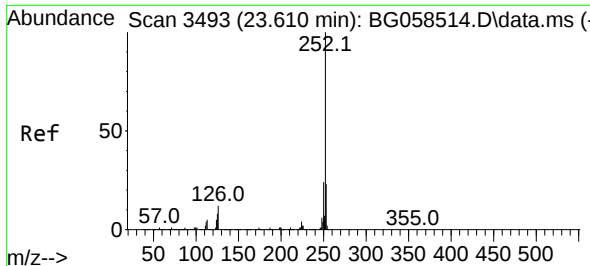
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#88
Benzo(b)fluoranthene
Concen: 49.561 ng
RT: 23.550 min Scan# 3482
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

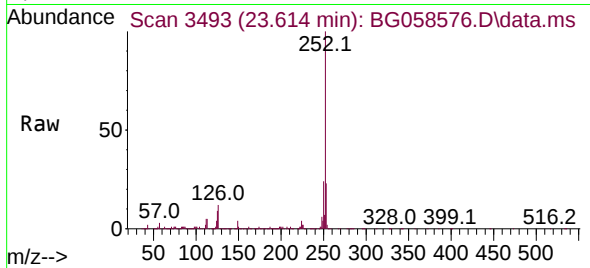
Tgt Ion:252 Resp: 1059585
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 8.8 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 47.428 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

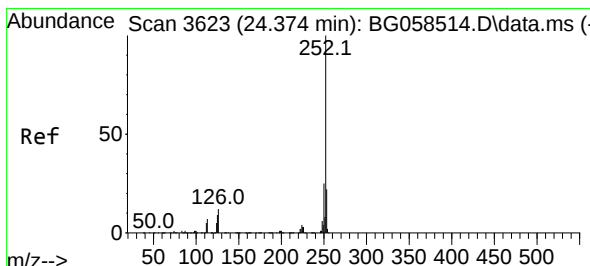
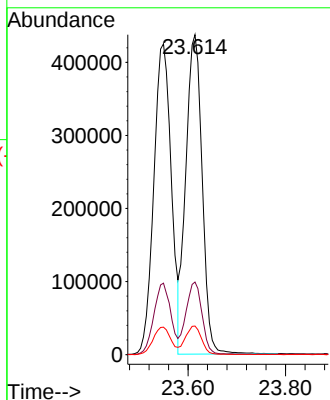
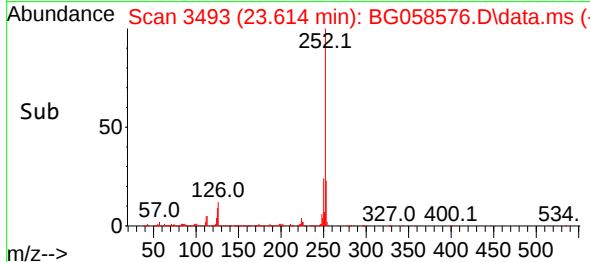
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



Tgt Ion:252 Resp: 101864
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.9 6.6 10.0

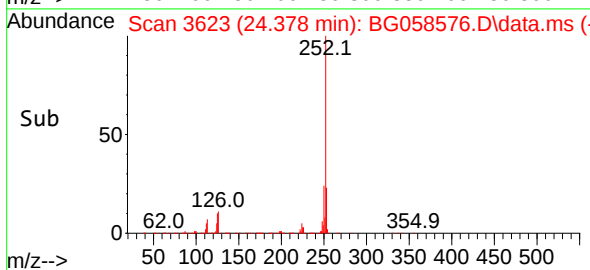
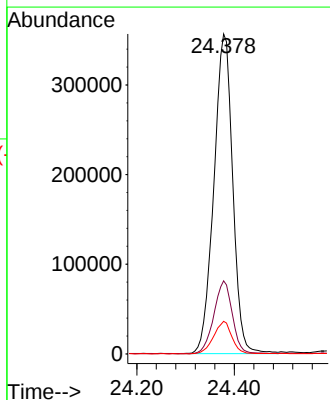
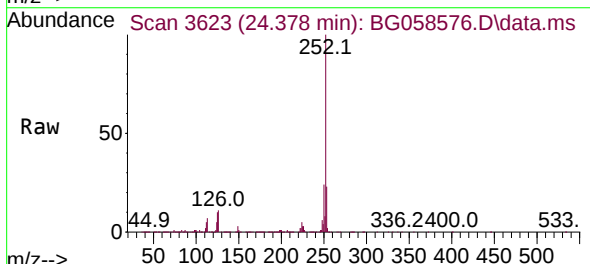
Manual Integrations
APPROVED

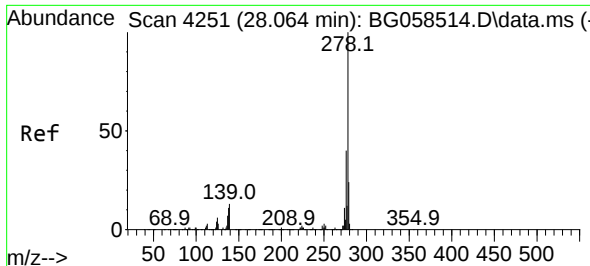
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#90
Benzo(a)pyrene
Concen: 45.606 ng
RT: 24.378 min Scan# 3623
Delta R.T. 0.004 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

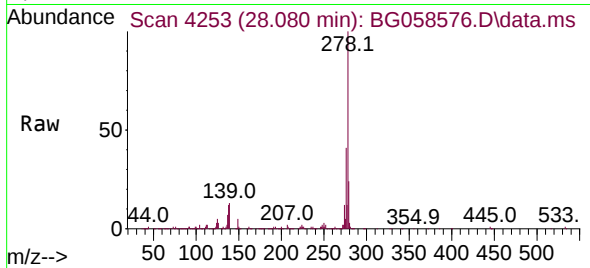
Tgt Ion:252 Resp: 957534
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.2 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.671 ng
RT: 28.080 min Scan# 41
Delta R.T. 0.016 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22

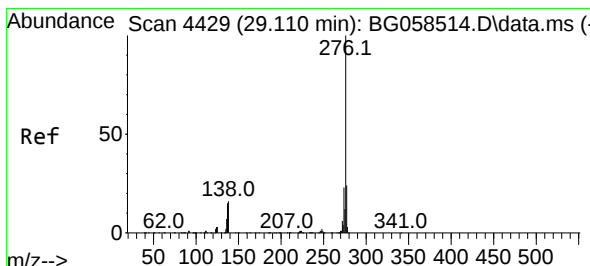
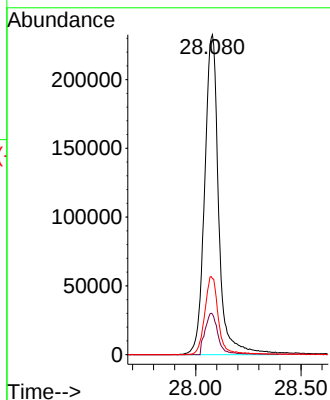
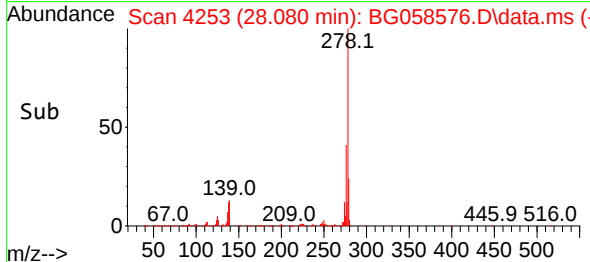
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721MS



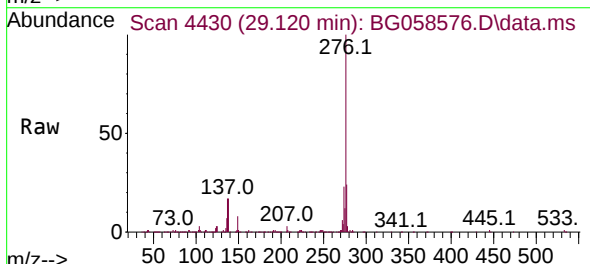
Tgt Ion:278 Resp: 107702
Ion Ratio Lower Upper
278 100
139 12.7 10.4 15.6
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#92
Benzo(g,h,i)perylene
Concen: 47.238 ng
RT: 29.120 min Scan# 4430
Delta R.T. 0.010 min
Lab File: BG058576.D
Acq: 2 Aug 2023 13:22



Tgt Ion:276 Resp: 1027087
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 17.1 13.0 19.4

