

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058636.D
 Acq On : 8 Aug 2023 10:12
 Operator : MA/JU
 Sample : PB154526BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154526BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 04:07:04 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	7.811	152	45507	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	204621	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	149776	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	368042	20.000	ng	0.00
76) Chrysene-d12	21.454	240	322897	20.000	ng	0.00
86) Perylene-d12	24.527	264	409959	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	447131	150.179	ng	0.00
7) Phenol-d6	6.989	99	623466	150.491	ng	0.00
23) Nitrobenzene-d5	8.980	82	369331	88.669	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	328334	133.744	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	867687	86.817	ng	0.00
79) Terphenyl-d14	19.827	244	1616923	94.168	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	49499	34.310	ng	98
3) Pyridine	3.663	79	127366	32.381	ng	99
4) n-Nitrosodimethylamine	3.581	42	73208	43.927	ng	97
6) Aniline	7.141	93	210201	41.210	ng	99
8) 2-Chlorophenol	7.376	128	163169	55.864	ng	98
9) Benzaldehyde	6.953	77	67000	29.767	ng	98
10) Phenol	7.018	94	230259	56.897	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	157386	49.330	ng	97
12) 1,3-Dichlorobenzene	7.700	146	149594	47.964	ng	98
13) 1,4-Dichlorobenzene	7.846	146	154095	49.206	ng	95
14) 1,2-Dichlorobenzene	8.164	146	150443	50.247	ng	100
15) Benzyl Alcohol	8.052	79	156567	59.592	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	265358	51.202	ng	99
17) 2-Methylphenol	8.264	107	157071	53.082	ng	96
18) Hexachloroethane	8.886	117	55907	49.116	ng	93
19) n-Nitroso-di-n-propyla...	8.622	70	134801	50.374	ng	99
20) 3+4-Methylphenols	8.593	107	221991	55.462	ng	98
22) Acetophenone	8.640	105	259068	47.284	ng	99
24) Nitrobenzene	9.022	77	193417	45.676	ng	96
25) Isophorone	9.539	82	399228	46.388	ng	99
26) 2-Nitrophenol	9.732	139	90528	49.112	ng	97
27) 2,4-Dimethylphenol	9.791	122	151413	49.521	ng	99
28) bis(2-Chloroethoxy)met...	10.026	93	224852	48.009	ng	99
29) 2,4-Dichlorophenol	10.267	162	165342	52.082	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	168971	46.153	ng	97
31) Naphthalene	10.667	128	493369	45.747	ng	100
32) Benzoic acid	9.967	122	113969	48.748	ng	97
33) 4-Chloroaniline	10.778	127	146533	32.159	ng	99
34) Hexachlorobutadiene	10.943	225	105345	44.680	ng	97
35) Caprolactam	11.566	113	62731m	53.511	ng	
36) 4-Chloro-3-methylphenol	11.912	107	206828	52.667	ng	99
37) 2-Methylnaphthalene	12.277	142	351688	45.588	ng	95
38) 1-Methylnaphthalene	12.500	142	340204	46.392	ng	99
40) 1,2,4,5-Tetrachloroben...	12.653	216	205463	44.683	ng	99
41) Hexachlorocyclopentadiene	12.623	237	200608	92.742	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	154215	48.760	ng	98

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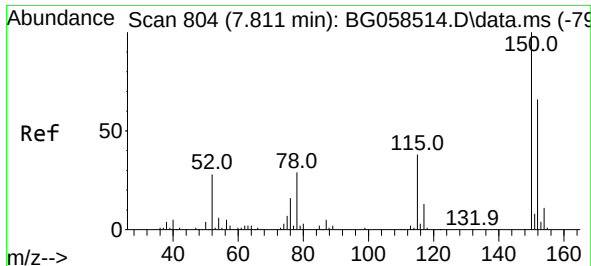
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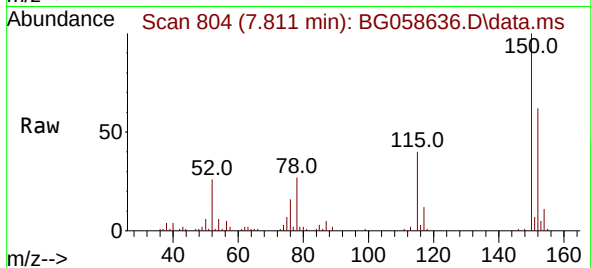
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	167642	45.001	ng	97
46) 1,1'-Biphenyl	13.293	154	472797	45.966	ng	100
47) 2-Chloronaphthalene	13.340	162	375127	46.774	ng	99
48) 2-Nitroaniline	13.546	65	150967	49.317	ng	96
49) Acenaphthylene	14.186	152	638936	47.585	ng	99
50) Dimethylphthalate	13.922	163	533296	47.410	ng	100
51) 2,6-Dinitrotoluene	14.045	165	120855	48.966	ng	99
52) Acenaphthene	14.527	154	356337	45.928	ng	98
53) 3-Nitroaniline	14.374	138	89904	36.408	ng	96
54) 2,4-Dinitrophenol	14.592	184	147363	103.490	ng	99
55) Dibenzofuran	14.862	168	611758	45.888	ng	98
56) 4-Nitrophenol	14.697	139	187455	101.514	ng	97
57) 2,4-Dinitrotoluene	14.838	165	173029	50.567	ng	99
58) Fluorene	15.508	166	493086	46.558	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	155680	48.974	ng	99
60) Diethylphthalate	15.285	149	549649	47.965	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	271583	45.996	ng	99
62) 4-Nitroaniline	15.543	138	123875	52.956	ng	98
63) Azobenzene	15.796	77	527124	46.701	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	107242	52.846	ng	96
66) n-Nitrosodiphenylamine	15.720	169	444271	46.379	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	189221	45.329	ng	99
68) Hexachlorobenzene	16.513	284	213129	48.182	ng	99
69) Atrazine	16.671	200	184517	57.061	ng	97
70) Pentachlorophenol	16.859	266	229563	85.741	ng	99
71) Phenanthrene	17.253	178	816640	46.788	ng	100
72) Anthracene	17.341	178	830522	46.374	ng	99
73) Carbazole	17.611	167	781886	49.508	ng	100
74) Di-n-butylphthalate	18.164	149	967819	48.925	ng	100
75) Fluoranthene	19.262	202	1011987	48.268	ng	99
77) Benzidine	19.451	184	425610	86.923	ng	98
78) Pyrene	19.627	202	1032850	47.001	ng	99
80) Butylbenzylphthalate	20.514	149	426008	47.196	ng	100
81) Benzo(a)anthracene	21.431	228	1052744	47.375	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	315297	41.965	ng	99
83) Chrysene	21.495	228	985424	46.252	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	619019	46.929	ng	98
85) Di-n-octyl phthalate	22.488	149	1100608	47.459	ng	99
87) Indeno(1,2,3-cd)pyrene	28.029	276	1341304	49.180	ng	100
88) Benzo(b)fluoranthene	23.552	252	1112297	50.024	ng	99
89) Benzo(k)fluoranthene	23.616	252	1085814	48.609	ng	100
90) Benzo(a)pyrene	24.380	252	1005292	46.037	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	1116095	49.492	ng	99
92) Benzo(g,h,i)perylene	29.122	276	1094431	48.398	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

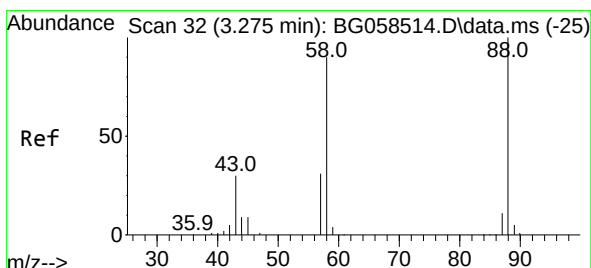
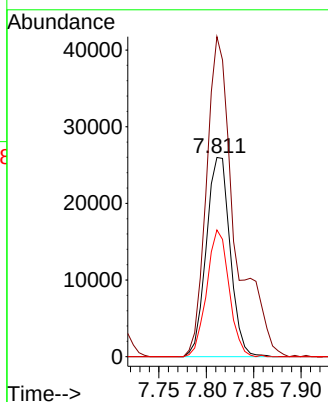
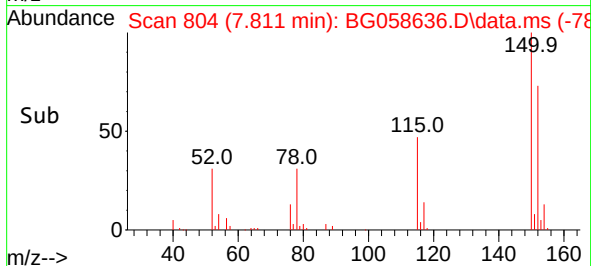
Instrument :
BNA_G
ClientSampleId :
PB154526BS



Tgt Ion:152 Resp: 4550
Ion Ratio Lower Upper
152 100
150 160.6 120.5 180.7
115 63.6 45.9 68.9

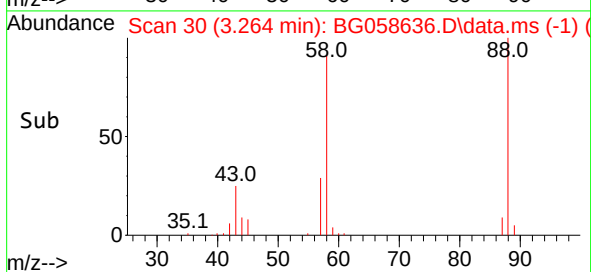
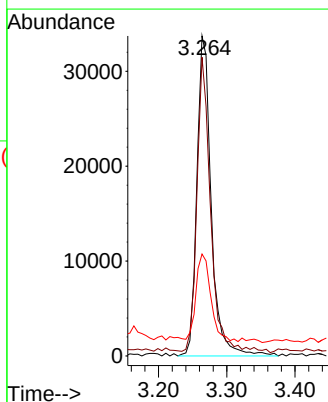
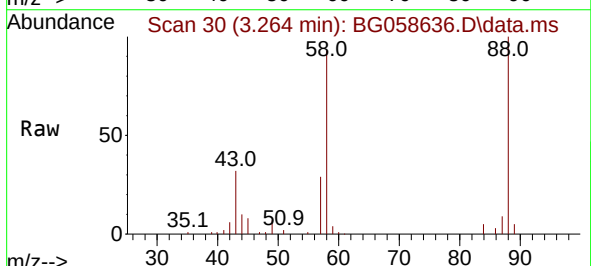
Manual Integrations
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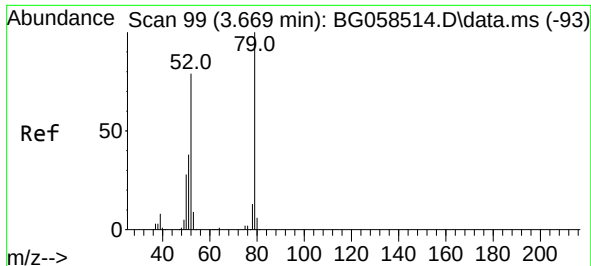
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#2
1,4-Dioxane
Concen: 34.310 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

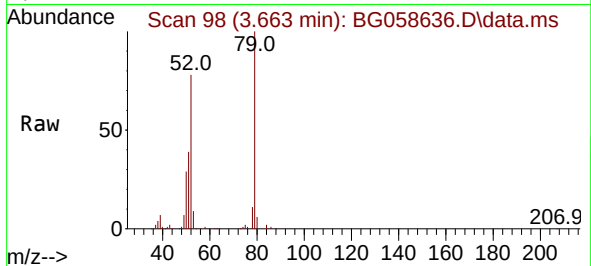
Tgt Ion: 88 Resp: 49499
Ion Ratio Lower Upper
88 100
58 88.3 68.9 103.3
43 28.4 22.9 34.3





#3
Pyridine
Concen: 32.381 ng
RT: 3.663 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

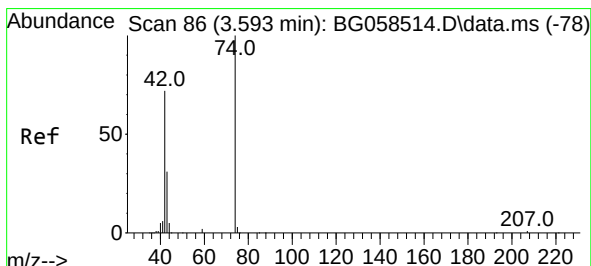
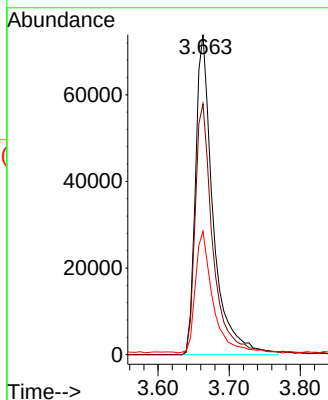
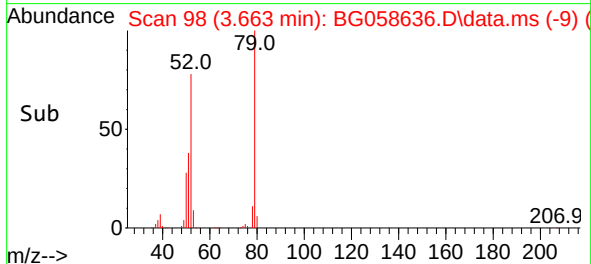
Instrument :
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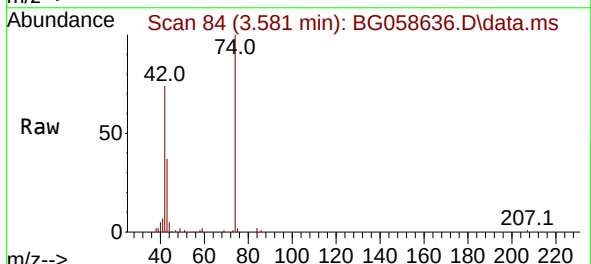
Tgt Ion: 79 Resp: 127360
Ion Ratio Lower Upper
79 100
52 78.4 63.2 94.8
51 38.6 31.9 47.9

Manual Integrations
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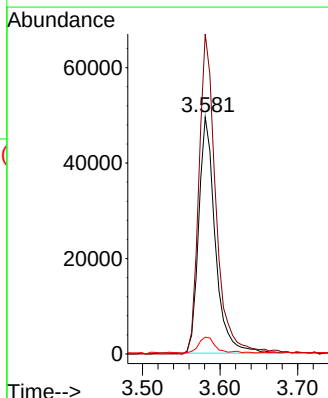
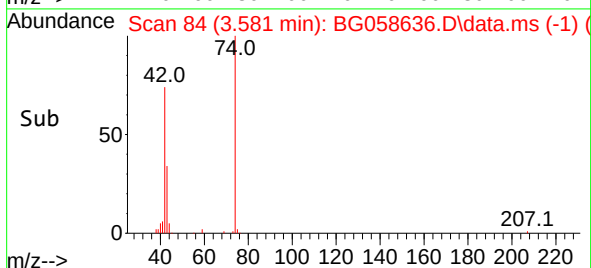
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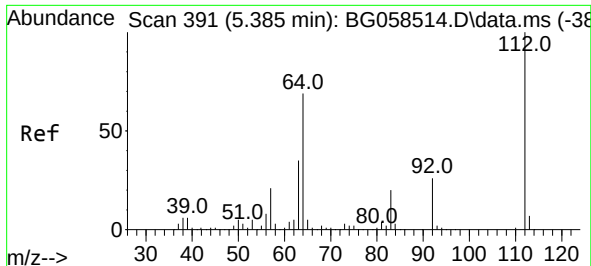


#4
n-Nitrosodimethylamine
Concen: 43.927 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion: 42 Resp: 73208
Ion Ratio Lower Upper
42 100
74 135.1 111.5 167.3
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 150.179 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

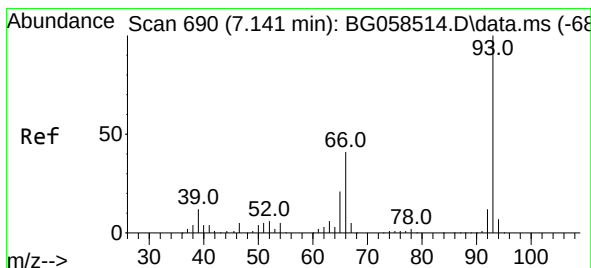
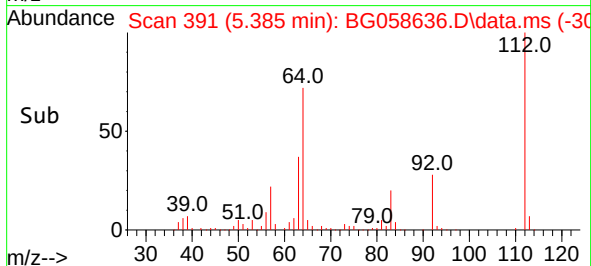
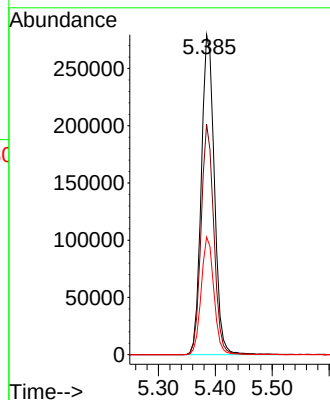
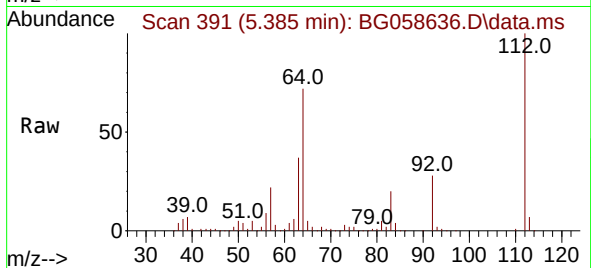
PB154526BS

Tgt Ion:112 Resp: 44713
Ion Ratio Lower Upper
112 100
64 72.0 55.3 82.9
63 36.7 28.3 42.5

Manual Integrations

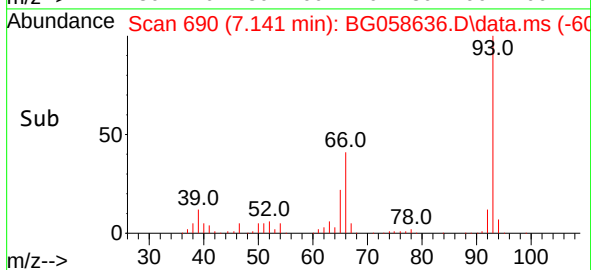
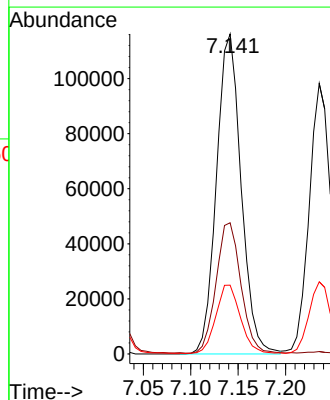
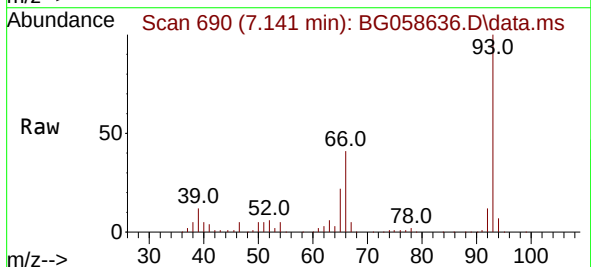
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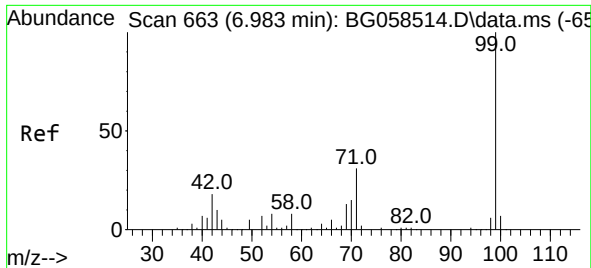
Reviewed By :Yogesh Patel 08/09/2023
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#6
Aniline
Concen: 41.210 ng
RT: 7.141 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion: 93 Resp: 210201
Ion Ratio Lower Upper
93 100
66 41.0 33.1 49.7
65 21.5 17.0 25.4





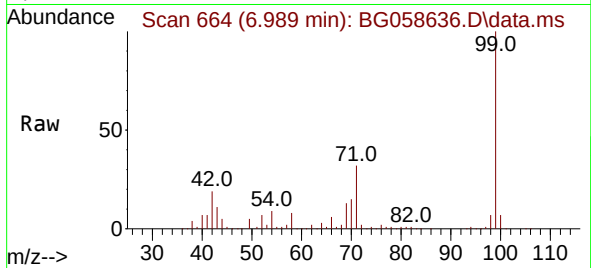
#7
Phenol-d6
Concen: 150.491 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058636.D
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BNA_G

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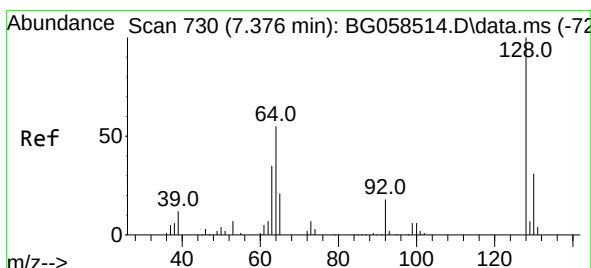
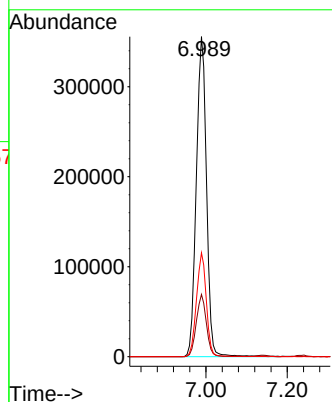
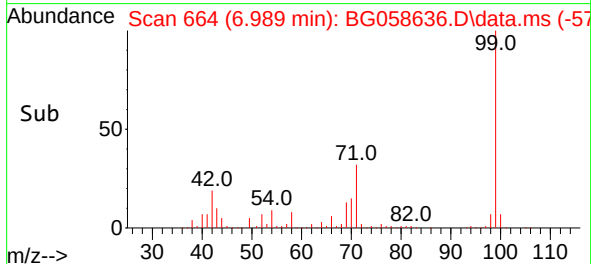


Tgt Ion: 99 Resp: 623460
Ion Ratio Lower Upper
99 100
42 19.5 14.6 21.8
71 32.4 25.0 37.4

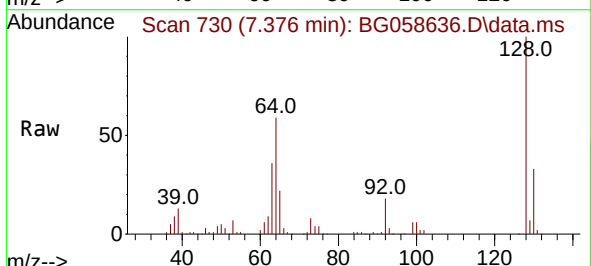
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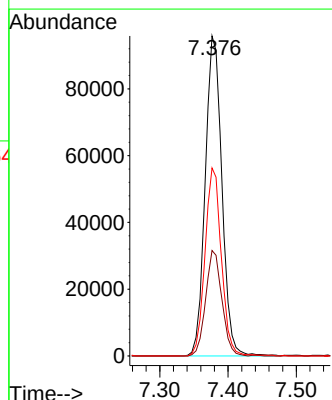
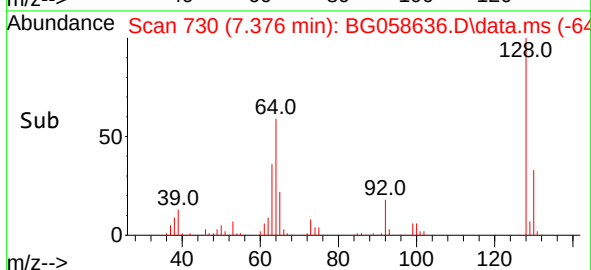
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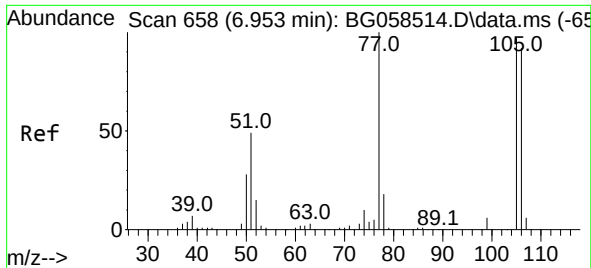


#8
2-Chlorophenol
Concen: 55.864 ng
RT: 7.376 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:128 Resp: 163169
Ion Ratio Lower Upper
128 100
130 32.9 10.9 50.9
64 58.7 39.0 79.0





#9
Benzaldehyde
Concen: 29.767 ng
RT: 6.953 min Scan# 658
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

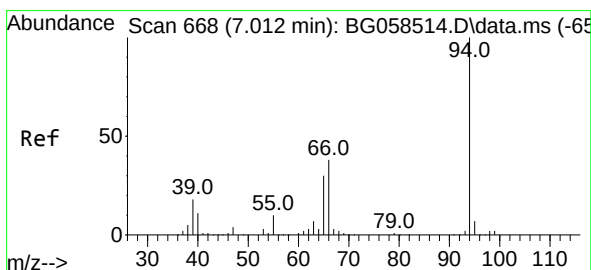
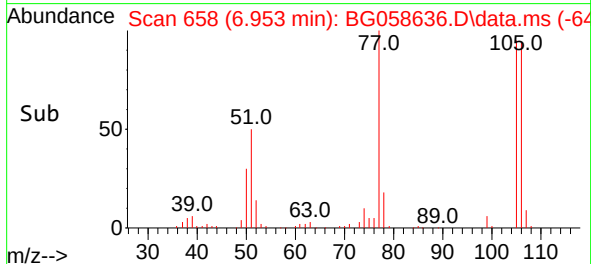
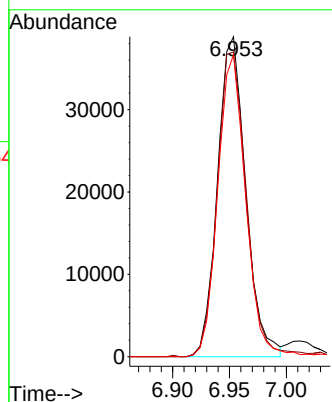
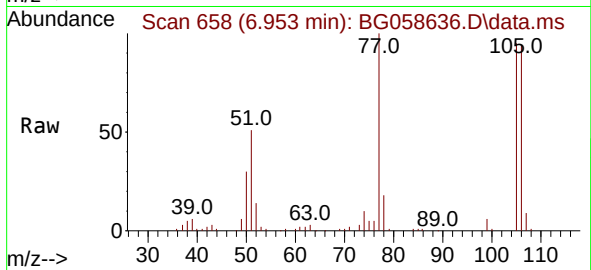
PB154526BS

Tgt Ion: 77 Resp: 67000
Ion Ratio Lower Upper
77 100
105 95.2 77.1 117.1
106 94.3 71.6 111.6

Manual Integrations

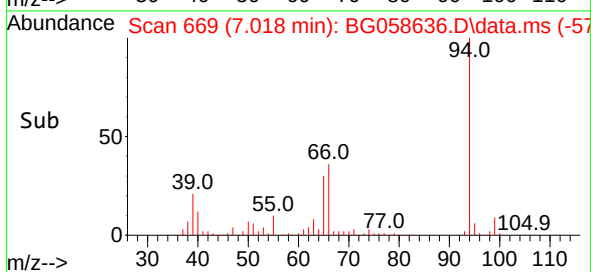
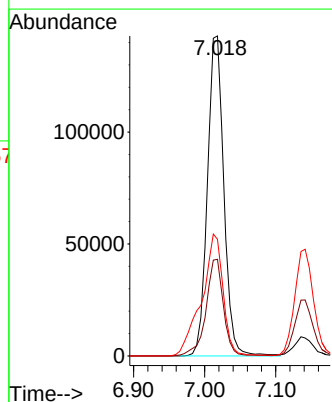
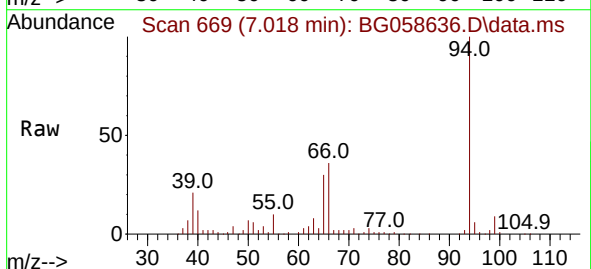
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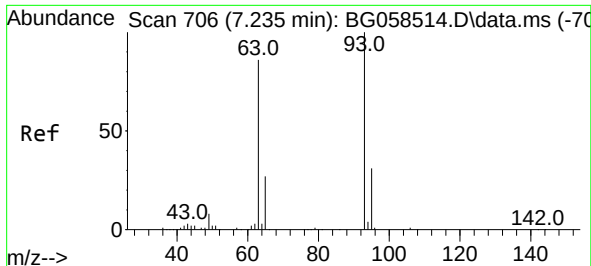
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#10
Phenol
Concen: 56.897 ng
RT: 7.018 min Scan# 669
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

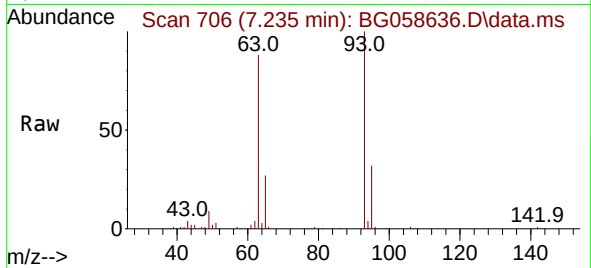
Tgt Ion: 94 Resp: 230259
Ion Ratio Lower Upper
94 100
65 30.2 10.4 50.4
66 36.5 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 49.330 ng
RT: 7.235 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

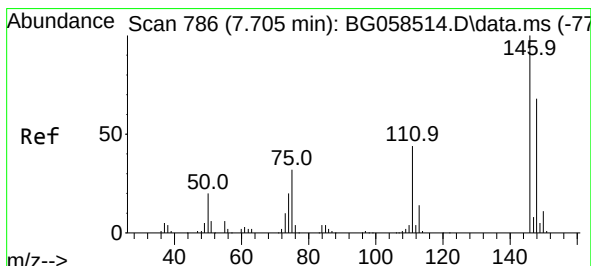
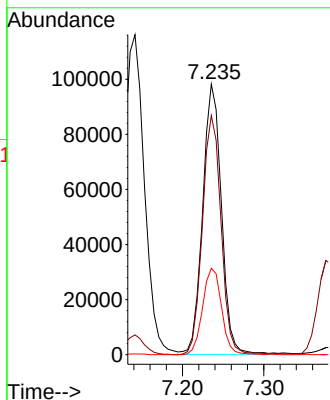
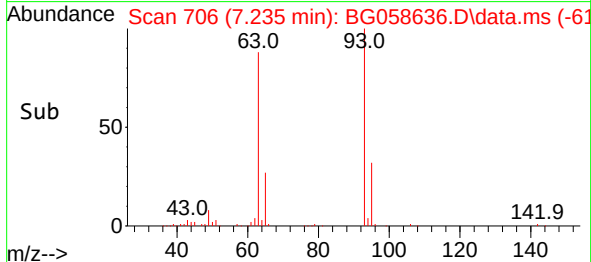
Instrument :
BNA_G
ClientSampleId :
PB154526BS



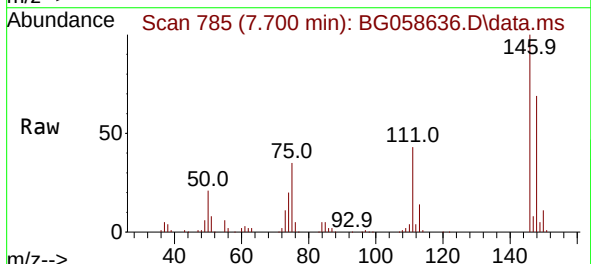
Tgt Ion: 93 Resp: 157386
Ion Ratio Lower Upper
93 100
63 88.3 65.5 105.5
95 32.0 11.2 51.2

Manual Integrations
APPROVED

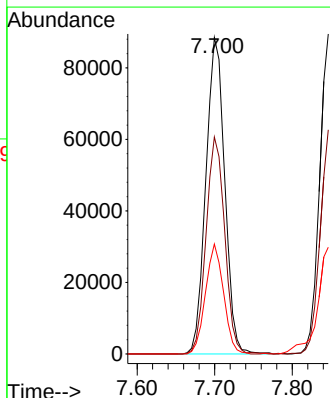
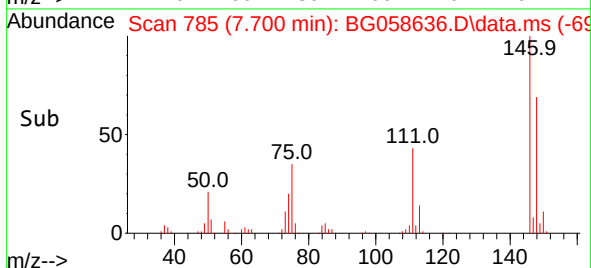
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

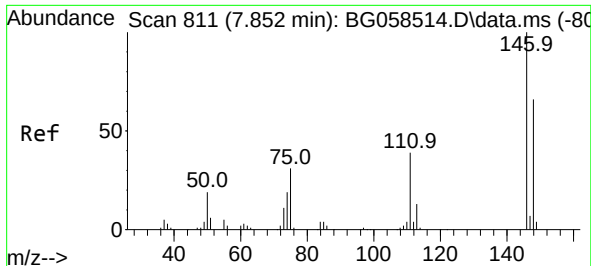


#12
1,3-Dichlorobenzene
Concen: 47.964 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:146 Resp: 149594
Ion Ratio Lower Upper
146 100
148 68.5 54.7 82.1
75 34.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 49.206 ng

RT: 7.846 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058636.D

Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

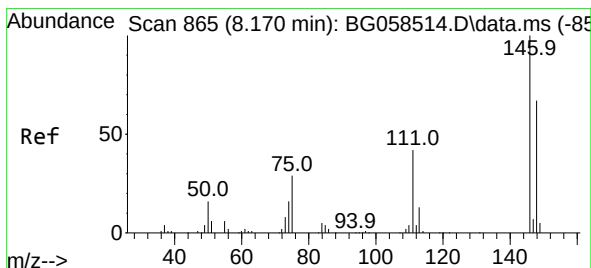
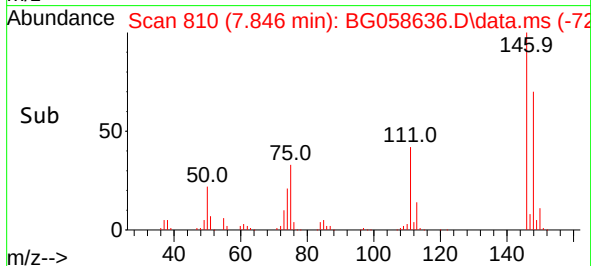
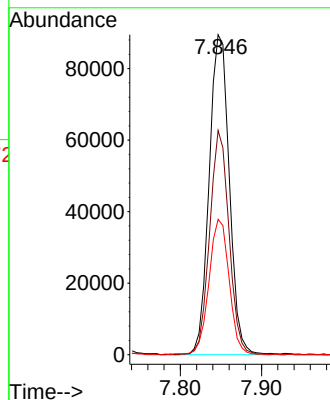
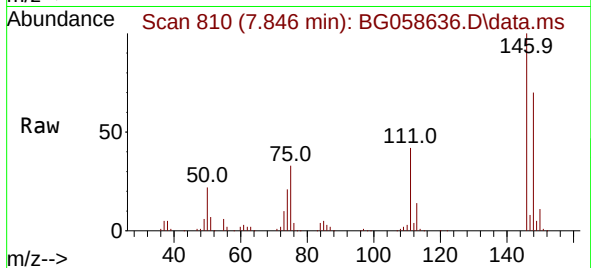
Tgt Ion:146 Resp: 154095
 Ion Ratio Lower Upper
 146 100
 148 70.1 52.8 79.2
 111 42.3 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#14

1,2-Dichlorobenzene

Concen: 50.247 ng

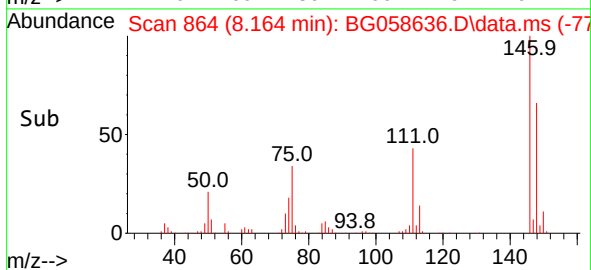
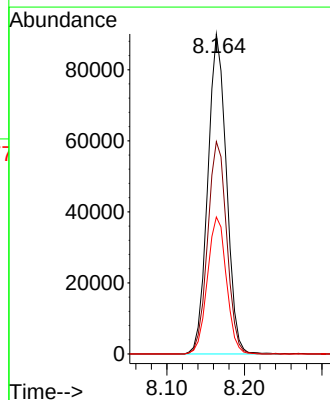
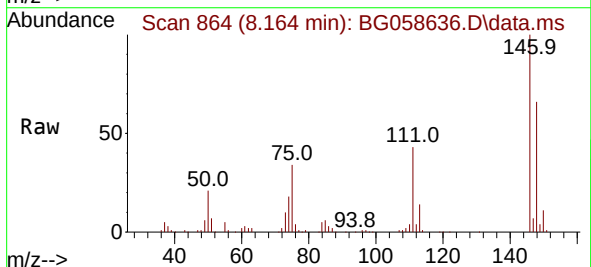
RT: 8.164 min Scan# 864

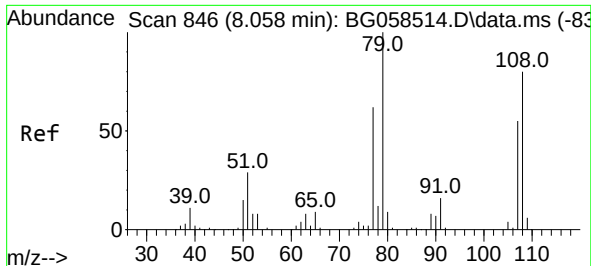
Delta R.T. -0.006 min

Lab File: BG058636.D

Acq: 8 Aug 2023 10:12

Tgt Ion:146 Resp: 150443
 Ion Ratio Lower Upper
 146 100
 148 66.4 53.4 80.2
 111 42.8 34.2 51.2





#15
Benzyl Alcohol
Concen: 59.592 ng
RT: 8.052 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

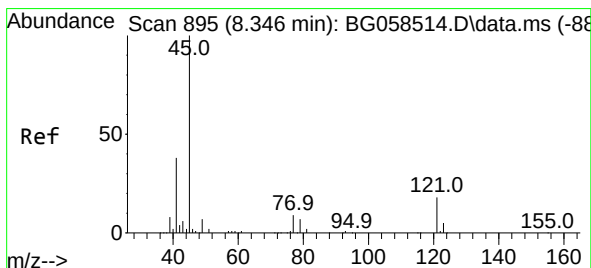
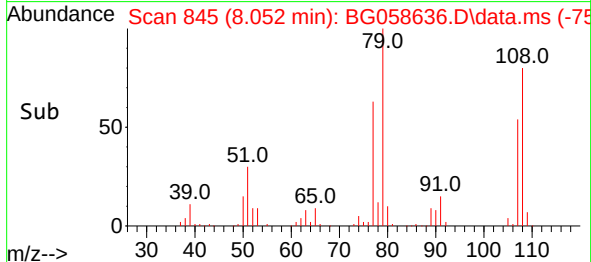
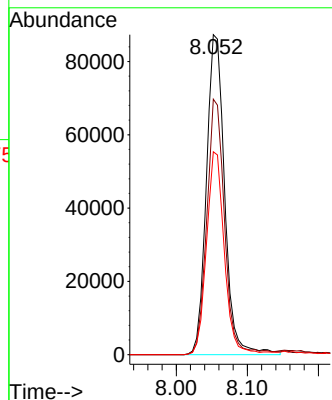
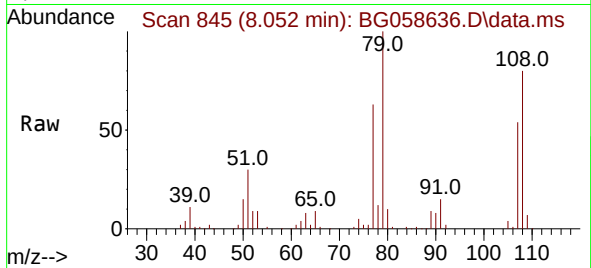
ClientSampleId :

PB154526BS

Tgt Ion: 79 Resp: 15656
Ion Ratio Lower Upper
79 100
108 79.8 63.8 95.6
77 63.4 49.8 74.6

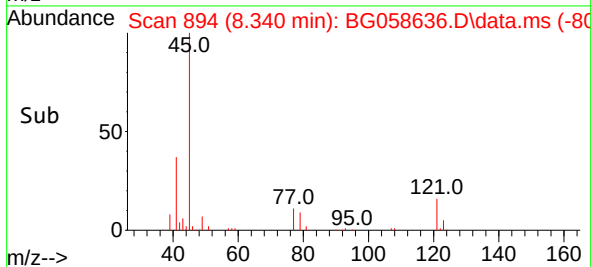
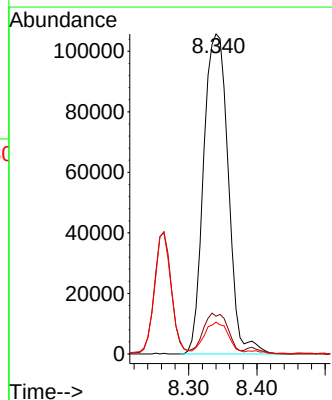
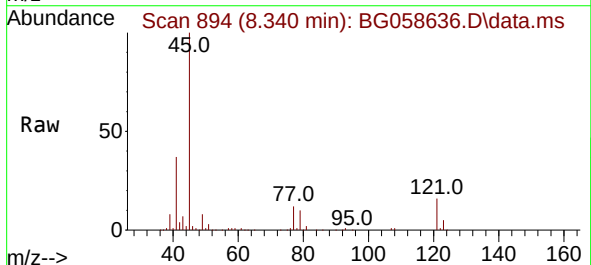
Manual Integrations
APPROVED

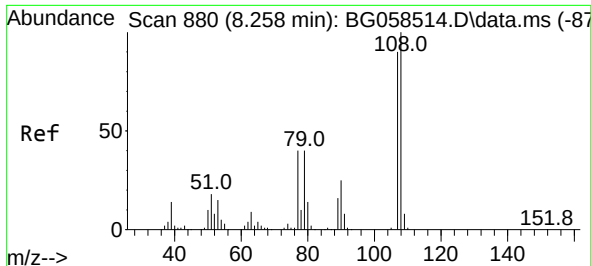
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.202 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion: 45 Resp: 265358
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.6
79 9.9 0.0 30.2





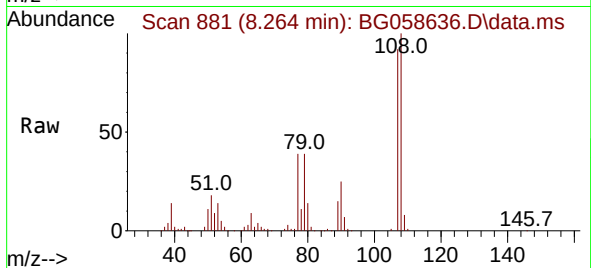
#17
2-Methylphenol
Concen: 53.082 ng
RT: 8.264 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

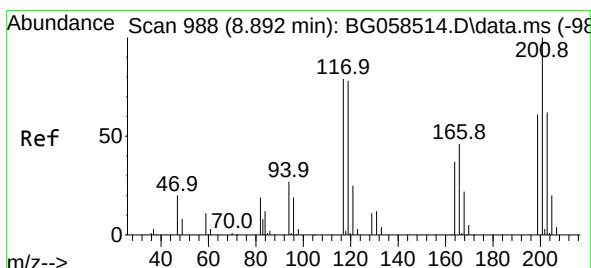
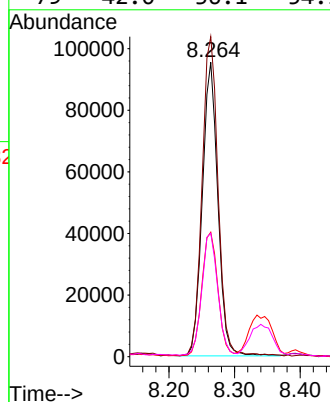
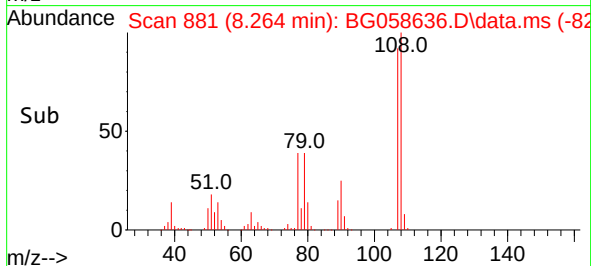


Tgt Ion:107 Resp: 15707
Ion Ratio Lower Upper
107 100
108 108.7 89.1 133.7
77 42.3 36.2 54.4
79 42.0 36.1 54.1

Manual Integrations

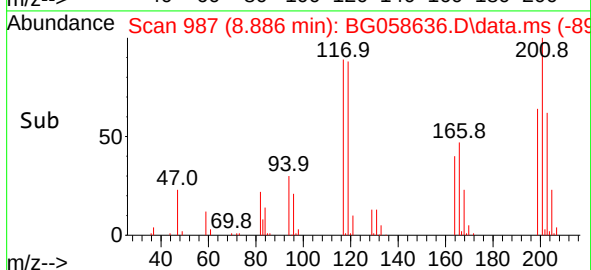
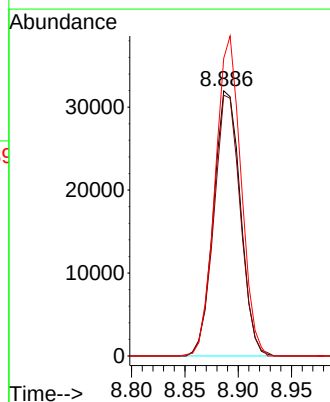
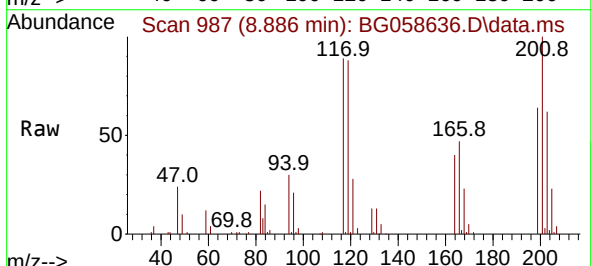
APPROVED

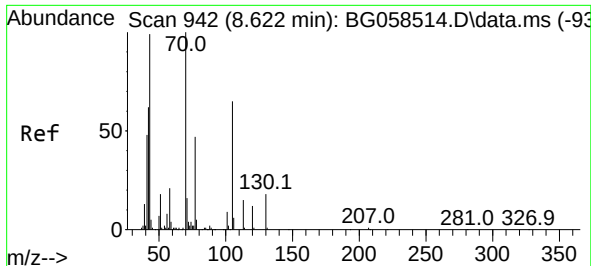
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#18
Hexachloroethane
Concen: 49.116 ng
RT: 8.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:117 Resp: 55907
Ion Ratio Lower Upper
117 100
119 98.4 78.6 117.8
201 112.2 101.4 152.0





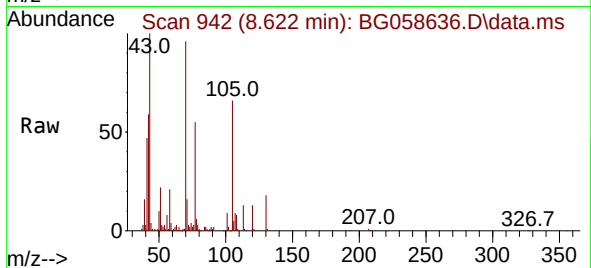
#19
n-Nitroso-di-n-propylamine
Concen: 50.374 ng
RT: 8.622 min Scan# 942
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

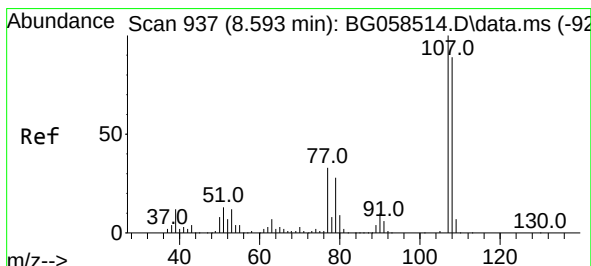
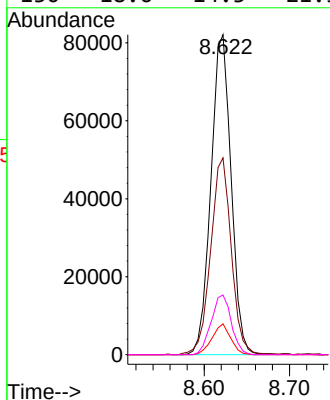
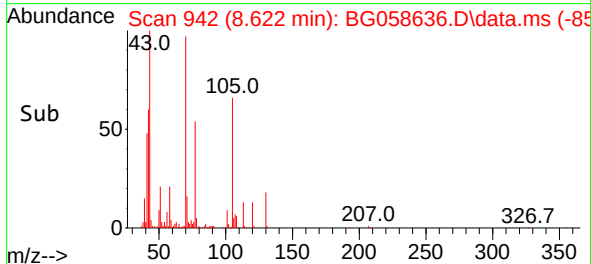


Tgt Ion: 70 Resp: 13480
Ion Ratio Lower Upper
70 100
42 61.5 49.7 74.5
101 9.6 7.0 10.4
130 18.6 14.3 21.5

Manual Integrations

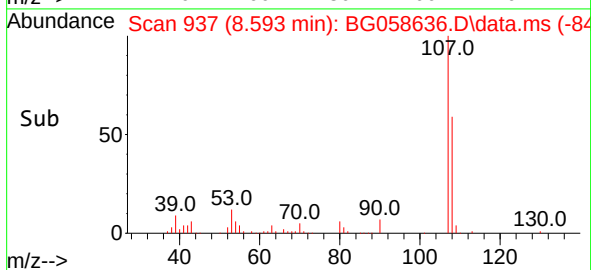
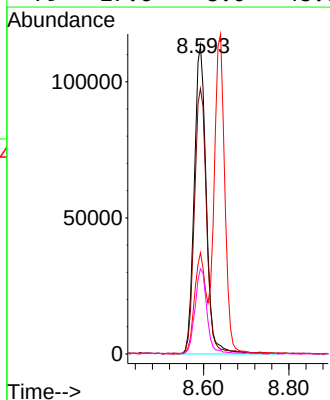
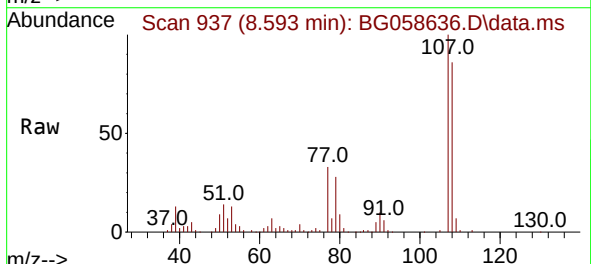
APPROVED

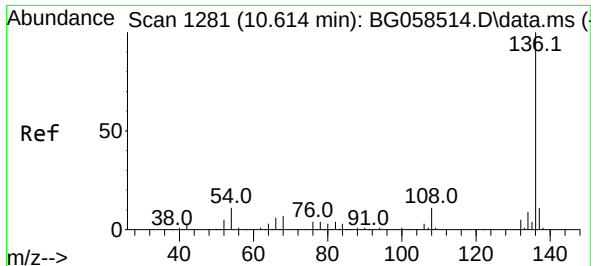
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#20
3+4-Methylphenols
Concen: 55.462 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:107 Resp: 221991
Ion Ratio Lower Upper
107 100
108 86.0 69.4 109.4
77 32.8 13.0 53.0
79 27.6 8.0 48.0





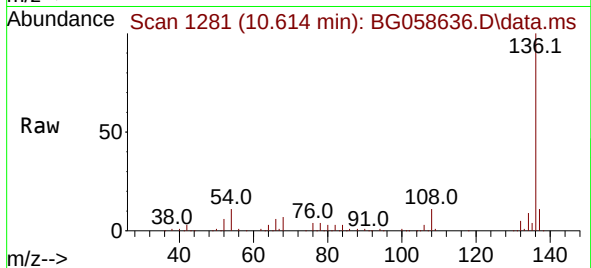
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

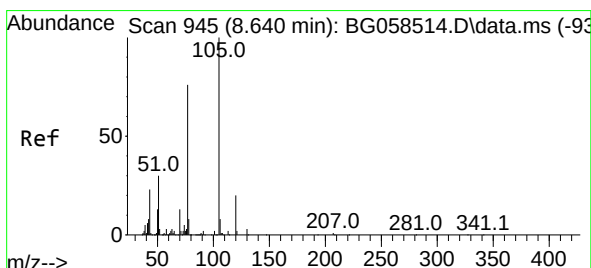
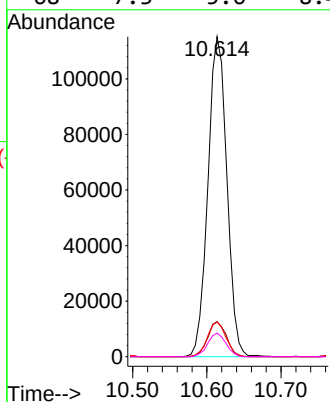
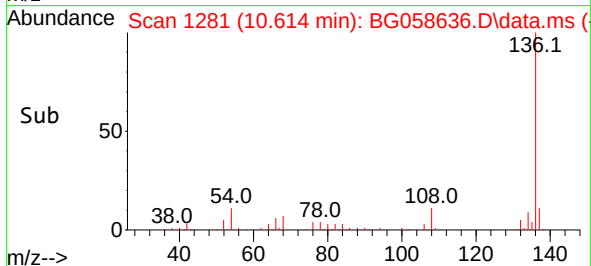


Tgt Ion:136 Resp: 20462
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.8 8.9 13.3
68 7.3 5.6 8.4

Manual Integrations

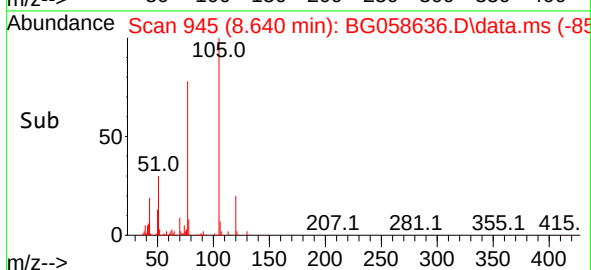
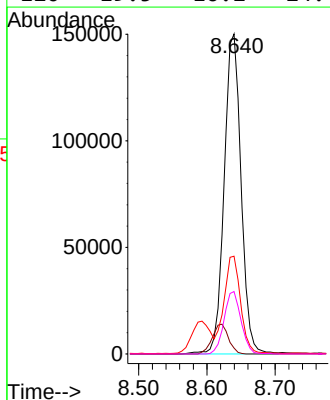
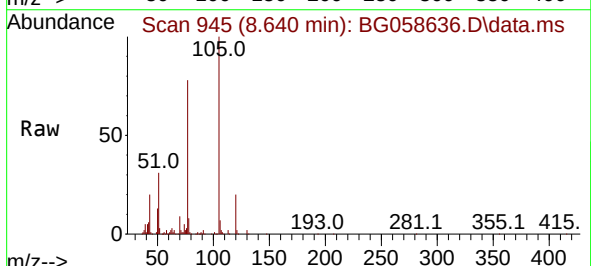
APPROVED

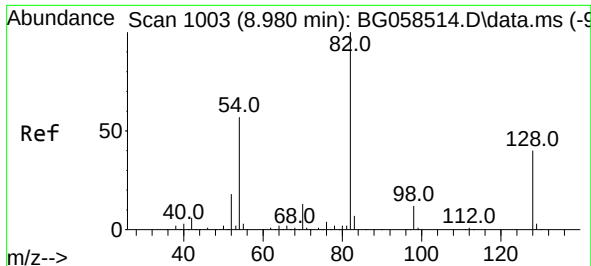
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#22
Acetophenone
Concen: 47.284 ng
RT: 8.640 min Scan# 945
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:105 Resp: 259068
Ion Ratio Lower Upper
105 100
71 1.8 1.8 2.6
51 30.5 24.2 36.2
120 19.5 16.2 24.4





#23
Nitrobenzene-d5
Concen: 88.669 ng
RT: 8.980 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

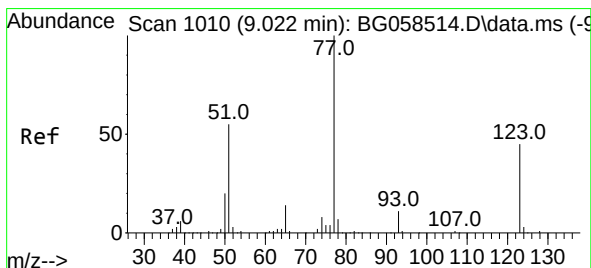
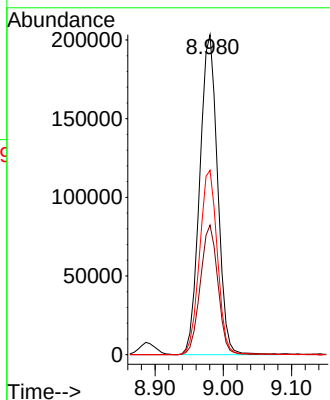
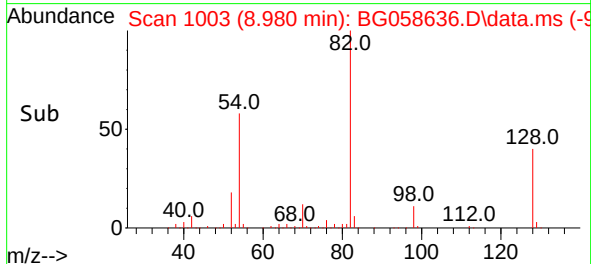
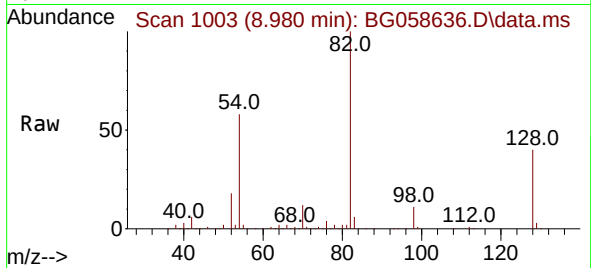
ClientSampleId :

PB154526BS

Tgt Ion: 82 Resp: 36933
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 57.7 46.0 69.0

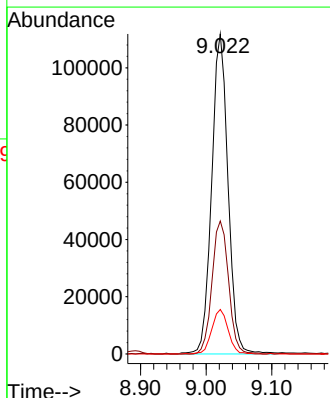
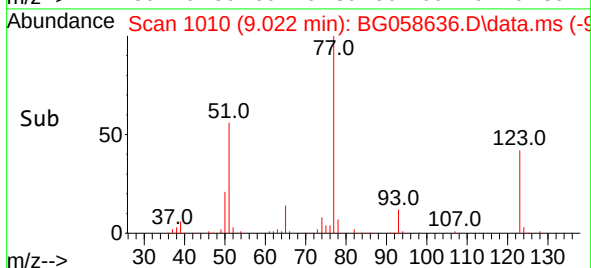
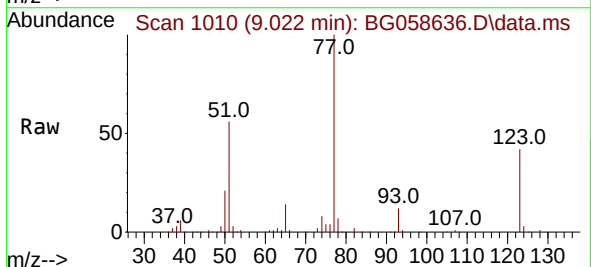
Manual Integrations
APPROVED

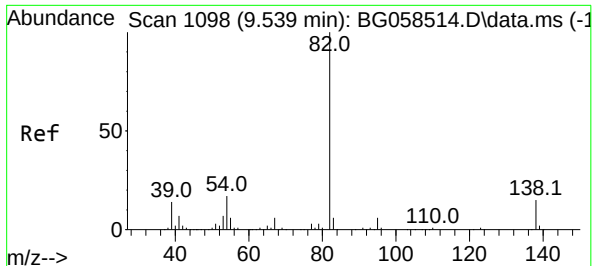
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#24
Nitrobenzene
Concen: 45.676 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

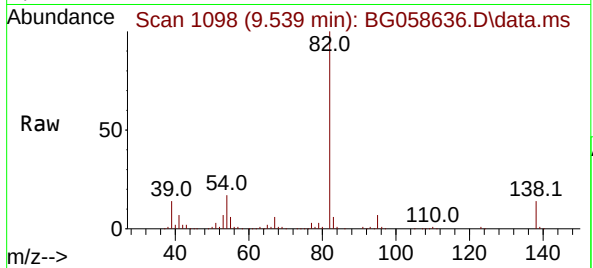
Tgt Ion: 77 Resp: 193417
Ion Ratio Lower Upper
77 100
123 41.5 35.6 53.4
65 13.9 11.4 17.0





#25
Isophorone
Concen: 46.388 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

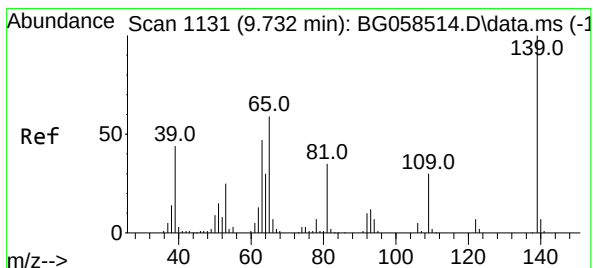
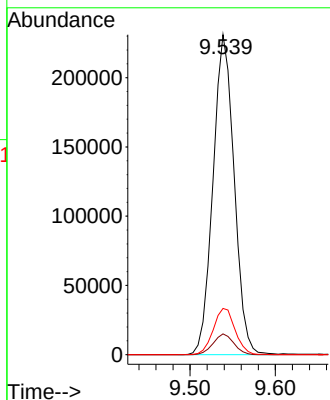
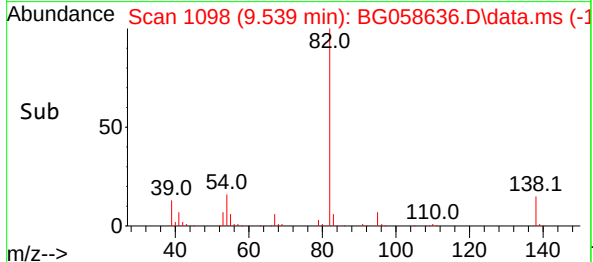
Instrument :
BNA_G
ClientSampleId :
PB154526BS



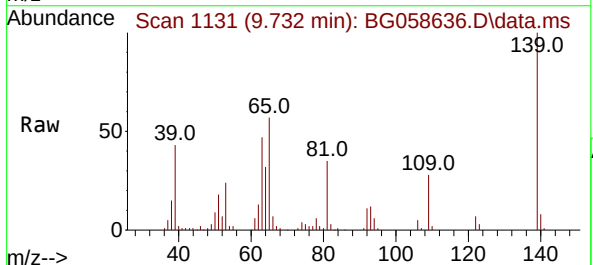
Tgt Ion: 82 Resp: 399228
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.4 11.9 17.9

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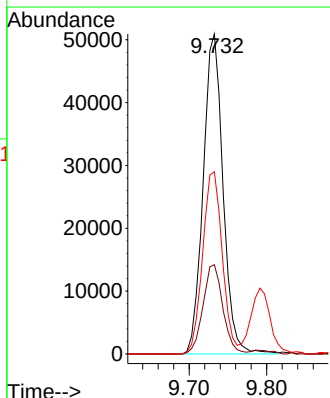
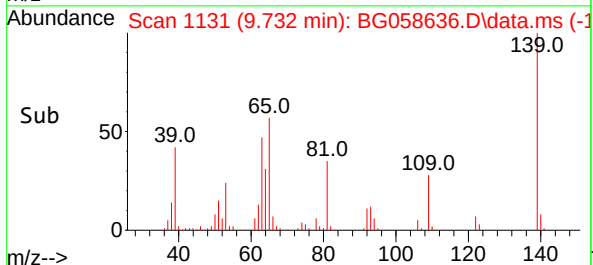
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

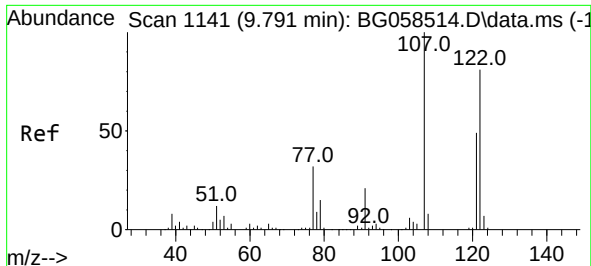


#26
2-Nitrophenol
Concen: 49.112 ng
RT: 9.732 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:139 Resp: 90528
Ion Ratio Lower Upper
139 100
109 27.9 24.2 36.2
65 57.0 47.0 70.4





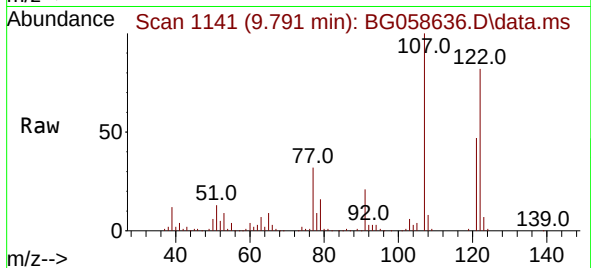
#27
2,4-Dimethylphenol
Concen: 49.521 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

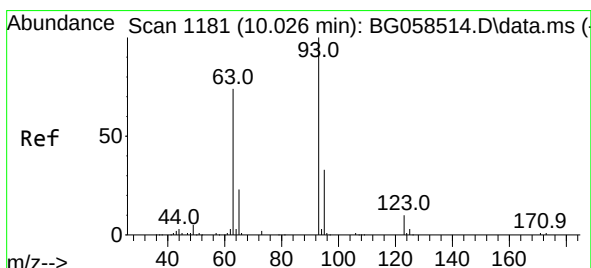
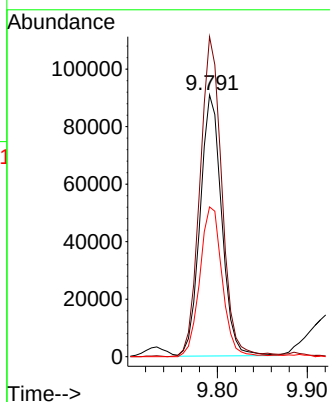
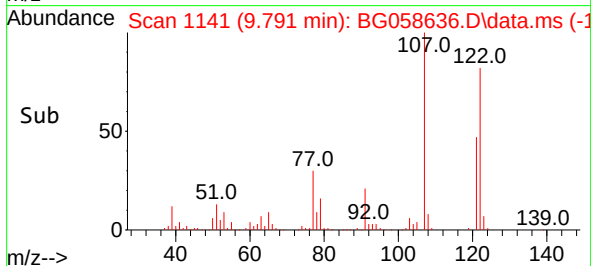


Tgt Ion:122 Resp: 15141
Ion Ratio Lower Upper
122 100
107 122.3 98.0 147.0
121 57.2 47.8 71.6

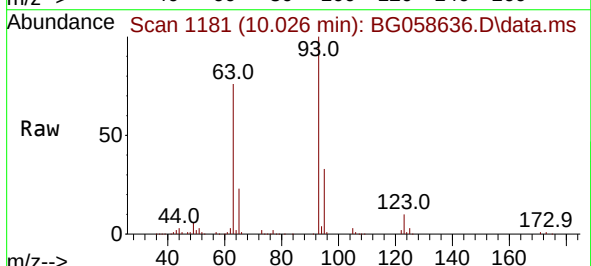
Manual Integrations

APPROVED

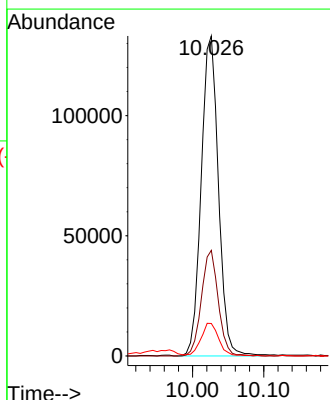
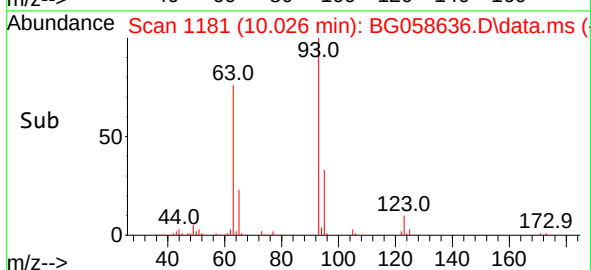
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

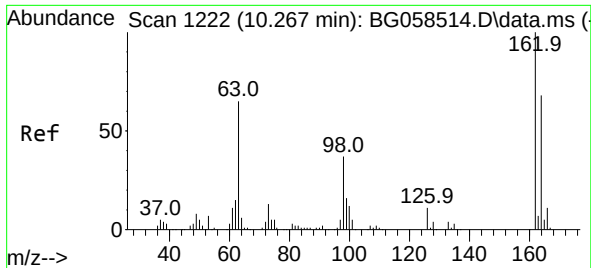


#28
bis(2-Chloroethoxy)methane
Concen: 48.009 ng
RT: 10.026 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion: 93 Resp: 224852
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 10.2 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 52.082 ng

RT: 10.267 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BG058636.D

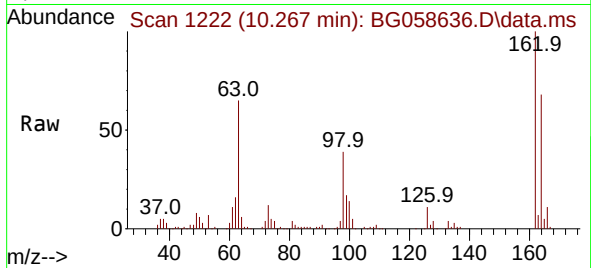
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS



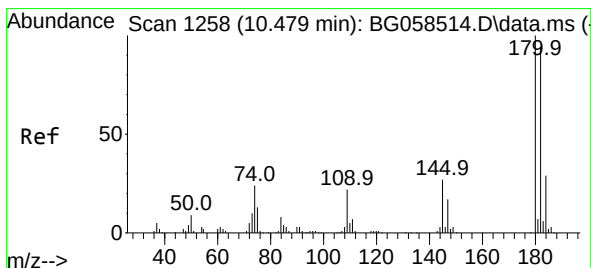
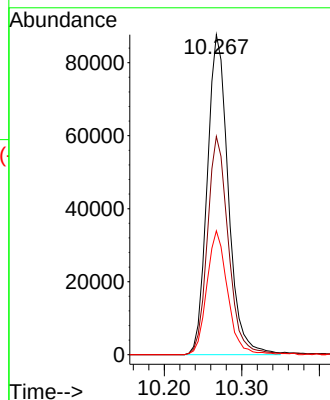
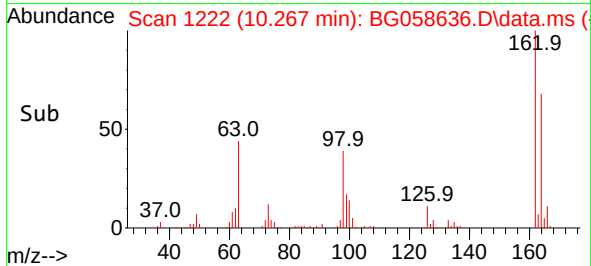
Tgt Ion:	162	Resp:	16534
Ion Ratio	Lower	Upper	
162	100		
164	68.2	47.6	87.6
98	38.7	17.1	57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.153 ng

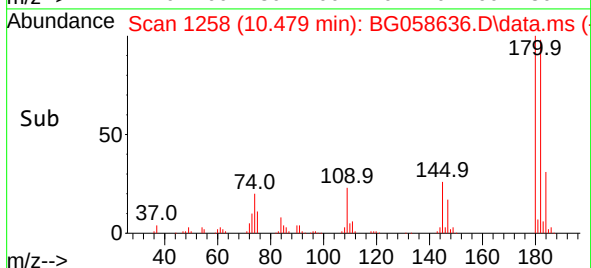
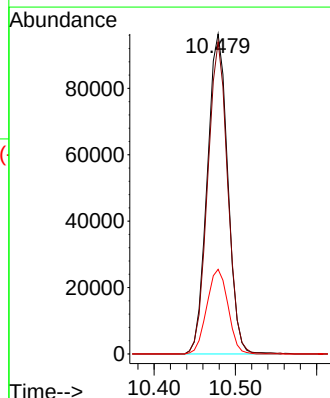
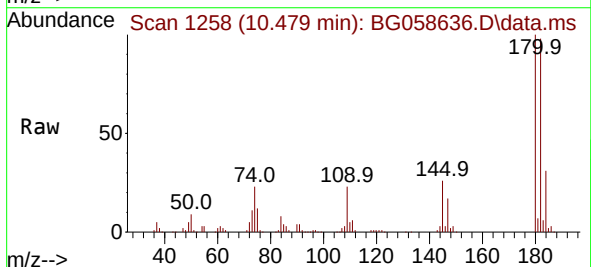
RT: 10.479 min Scan# 1258

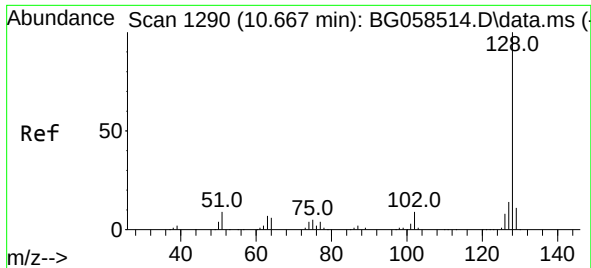
Delta R.T. 0.000 min

Lab File: BG058636.D

Acq: 8 Aug 2023 10:12

Tgt Ion:	180	Resp:	168971
Ion Ratio	Lower	Upper	
180	100		
182	97.5	75.0	112.4
145	26.5	21.9	32.9





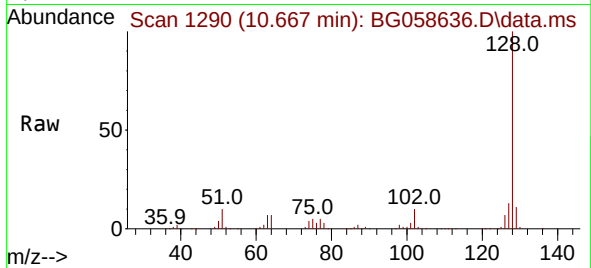
#31
Naphthalene
Concen: 45.747 ng
RT: 10.667 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

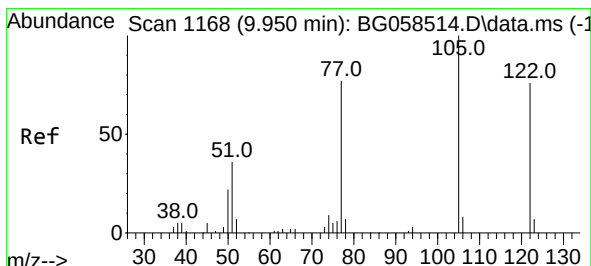
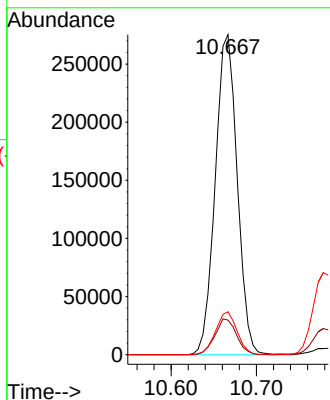
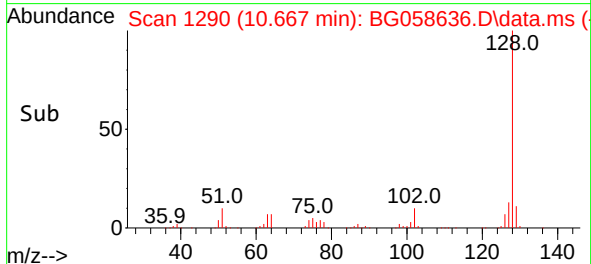


Tgt Ion:128 Resp: 493369
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.9 16.3

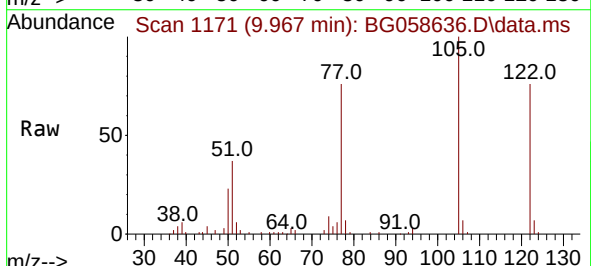
Manual Integrations

APPROVED

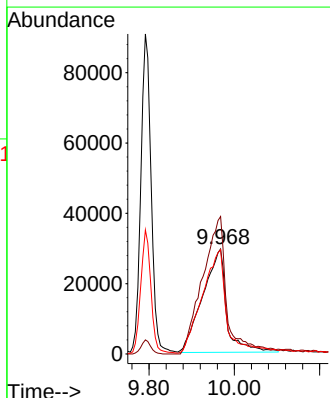
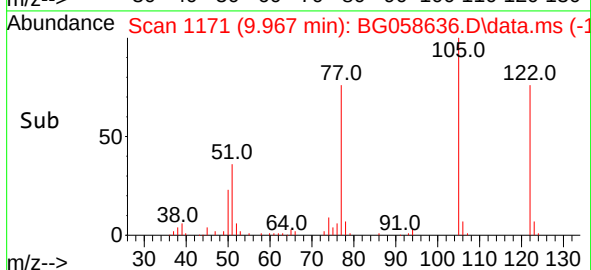
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

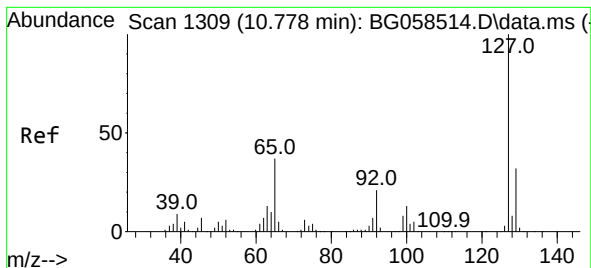


#32
Benzoic acid
Concen: 48.748 ng
RT: 9.967 min Scan# 1171
Delta R.T. 0.018 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:122 Resp: 113969
Ion Ratio Lower Upper
122 100
105 130.9 106.5 146.5
77 99.5 78.1 118.1





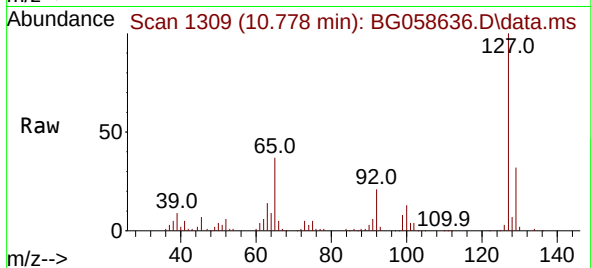
#33
4-Chloroaniline
Concen: 32.159 ng
RT: 10.778 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS



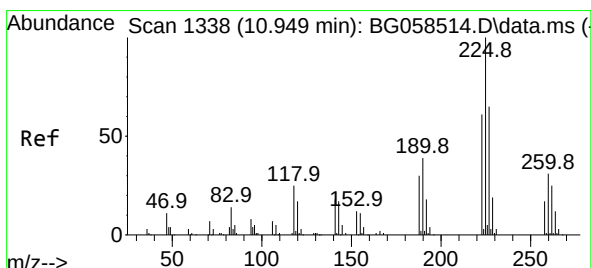
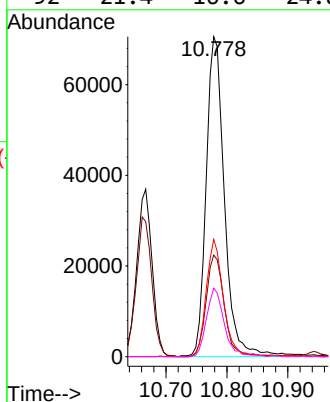
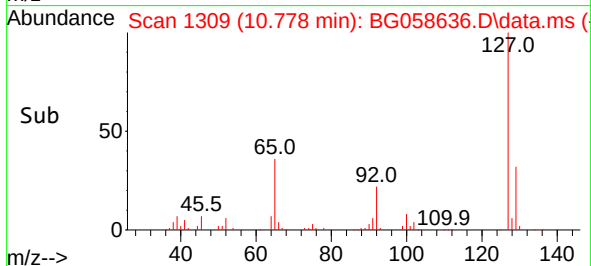
Tgt Ion:127 Resp: 14653
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 36.7 29.5 44.3
92 21.4 16.6 24.8

Manual Integrations

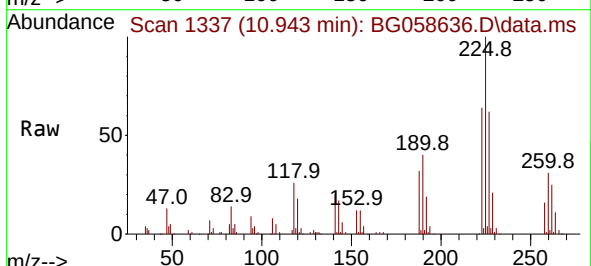
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

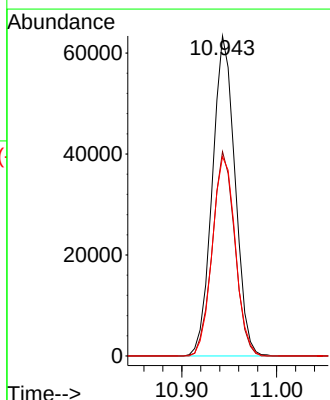
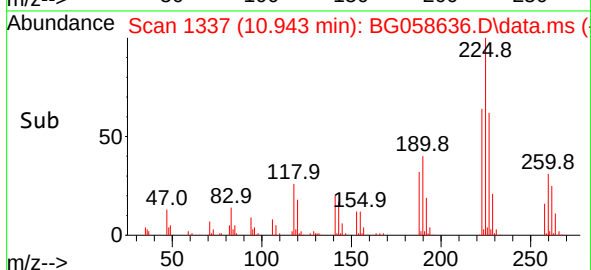
Supervised By :mohammad ahmed 08/09/2023

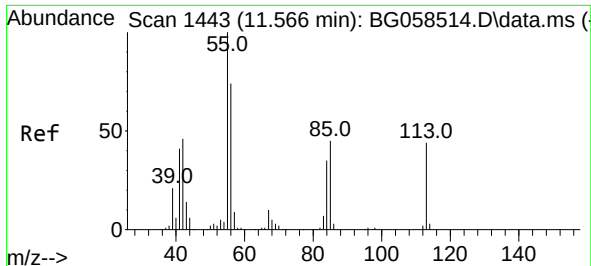


#34
Hexachlorobutadiene
Concen: 44.680 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:225 Resp: 105345
Ion Ratio Lower Upper
225 100
223 63.9 49.0 73.6
227 62.3 51.7 77.5





#35
 Caprolactam
 Concen: 53.511 ng m
 RT: 11.566 min Scan# 1443
 Delta R.T. 0.000 min
 Lab File: BG058636.D
 Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

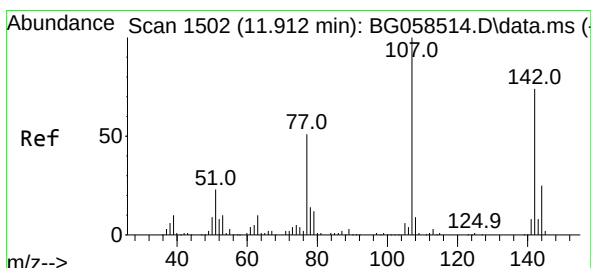
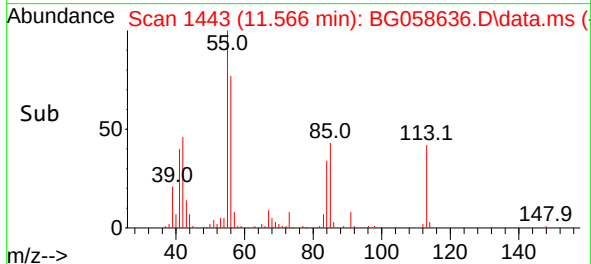
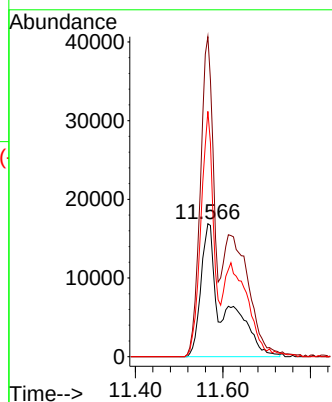
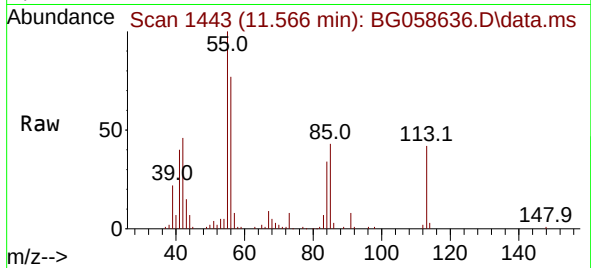
PB154526BS

Tgt Ion:113 Resp: 6273
 Ion Ratio Lower Upper
 113 100
 55 240.6 208.0 248.0
 56 184.4 148.6 188.6

Manual Integrations

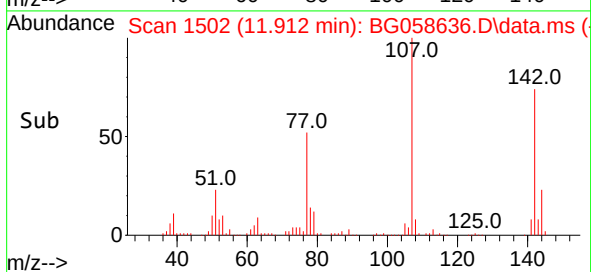
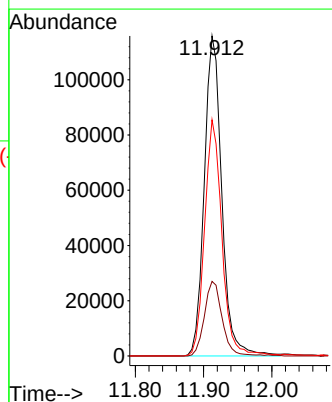
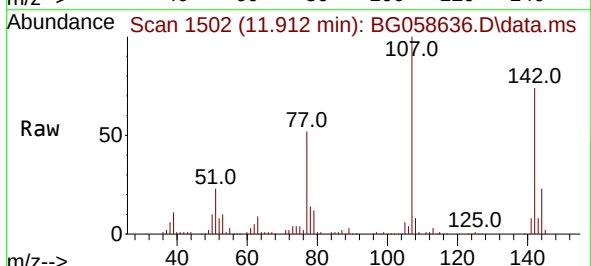
APPROVED

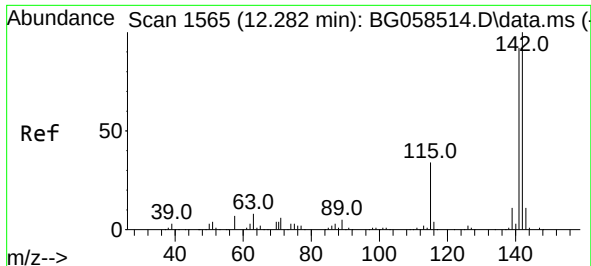
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023



#36
 4-Chloro-3-methylphenol
 Concen: 52.667 ng
 RT: 11.912 min Scan# 1502
 Delta R.T. 0.000 min
 Lab File: BG058636.D
 Acq: 8 Aug 2023 10:12

Tgt Ion:107 Resp: 206828
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.6 29.4
 142 73.8 59.3 88.9





#37
2-Methylnaphthalene
Concen: 45.588 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

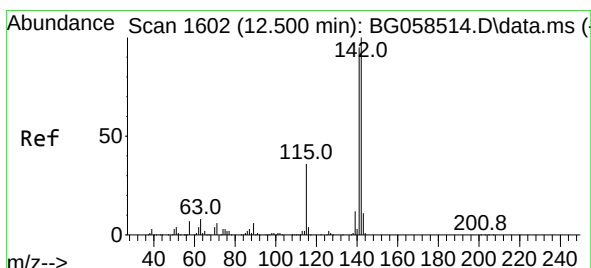
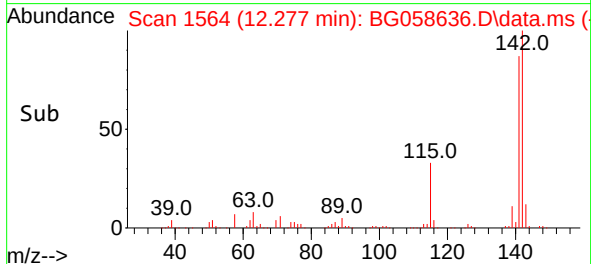
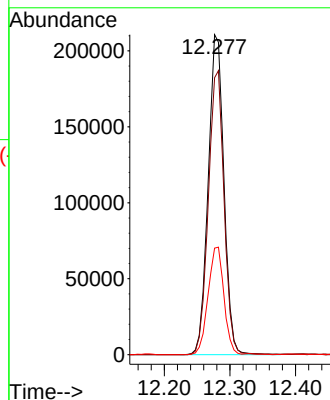
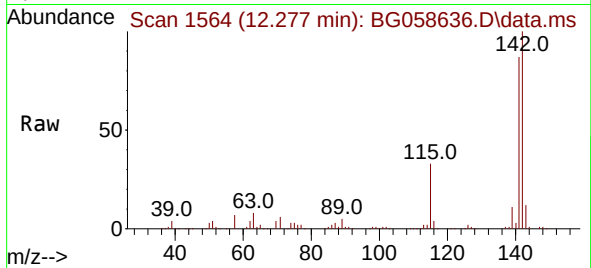
PB154526BS

Tgt Ion:142 Resp: 351688
Ion Ratio Lower Upper
142 100
141 86.5 73.5 110.3
115 33.3 27.4 41.0

Manual Integrations

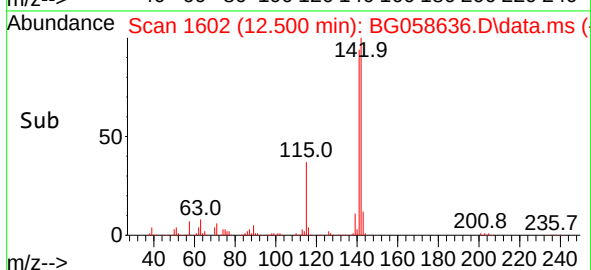
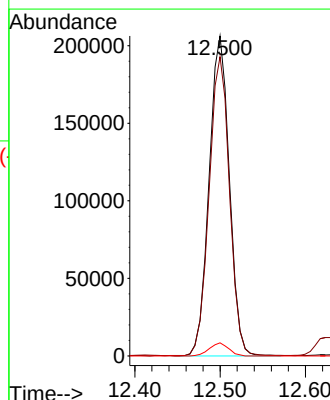
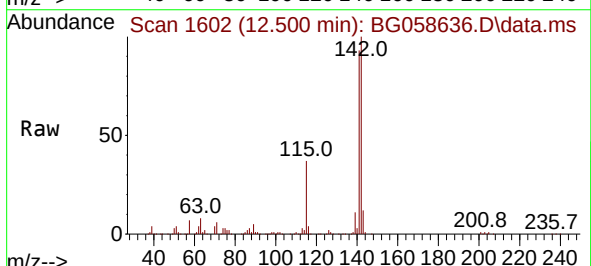
APPROVED

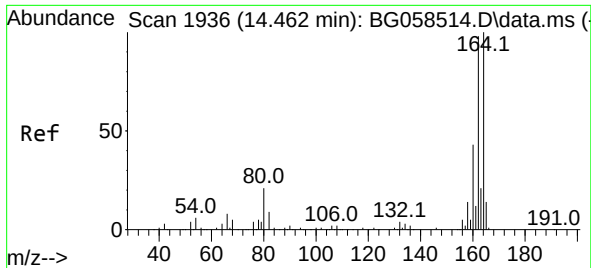
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#38
1-Methylnaphthalene
Concen: 46.392 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:142 Resp: 340204
Ion Ratio Lower Upper
142 100
141 93.5 75.7 113.5
116 4.1 3.2 4.8





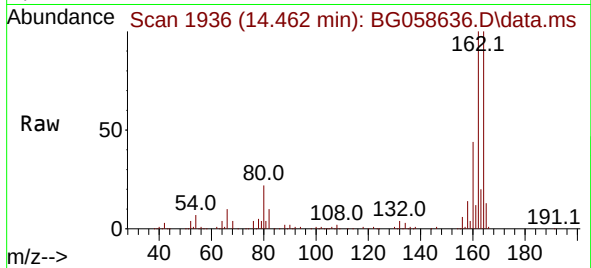
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

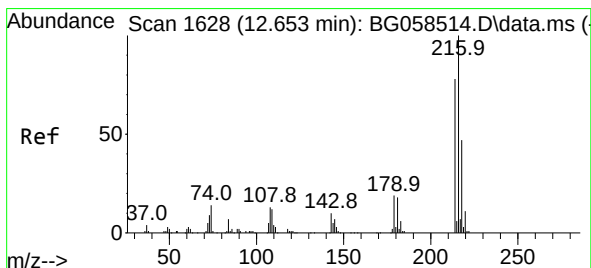
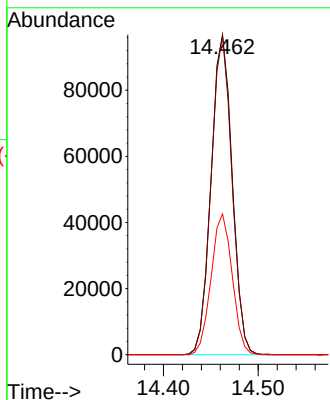
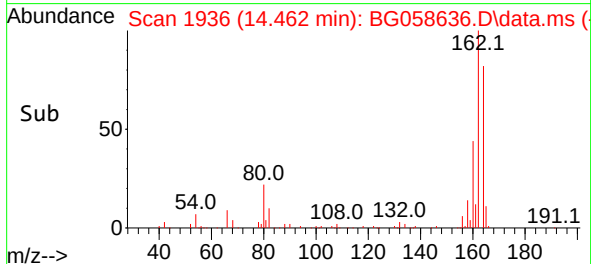


Tgt Ion:164 Resp: 149770
Ion Ratio Lower Upper
164 100
162 99.7 78.3 117.5
160 44.0 34.1 51.1

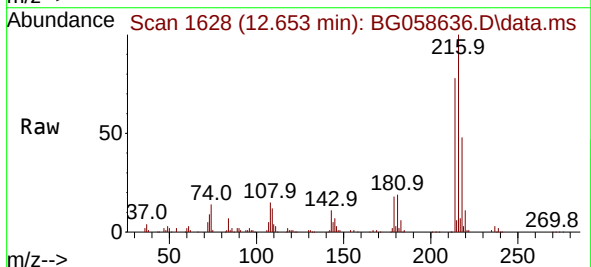
Manual Integrations

APPROVED

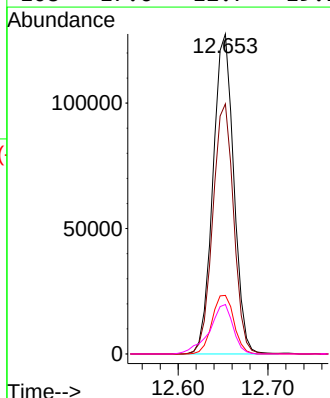
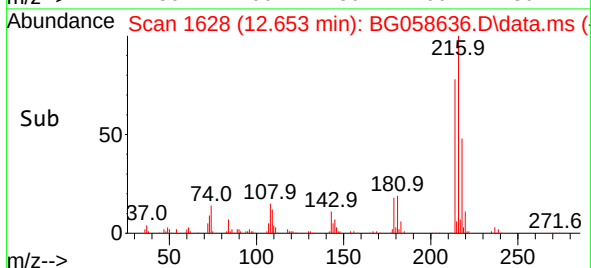
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

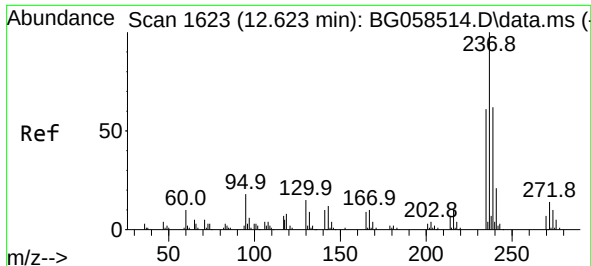


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.683 ng
RT: 12.653 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:216 Resp: 205463
Ion Ratio Lower Upper
216 100
214 78.4 63.1 94.7
179 19.2 15.6 23.4
108 17.6 12.7 19.1





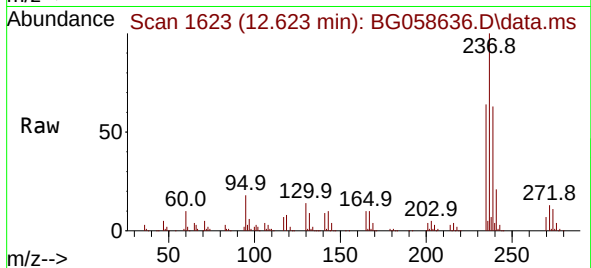
#41
Hexachlorocyclopentadiene
Concen: 92.742 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

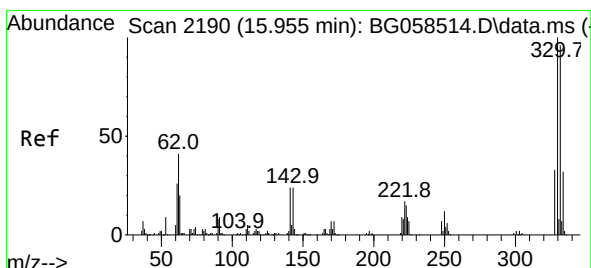
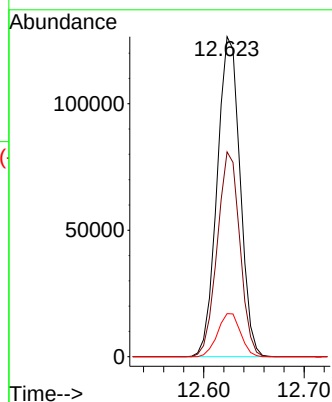
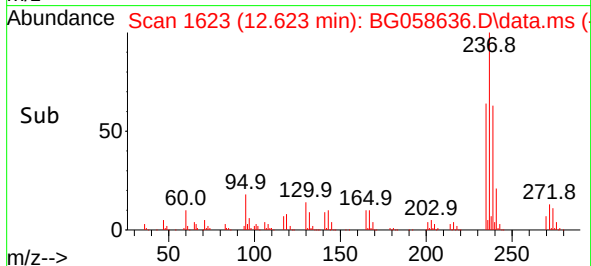


Tgt Ion:237 Resp: 200608
Ion Ratio Lower Upper
237 100
235 64.0 41.0 81.0
272 13.5 0.0 33.6

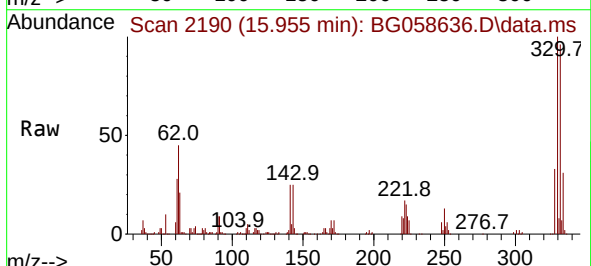
Manual Integrations

APPROVED

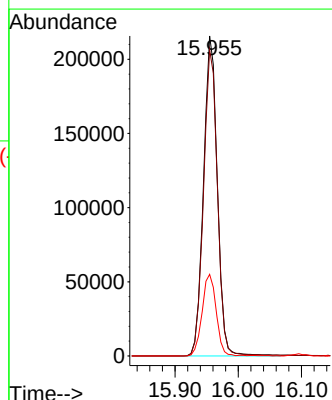
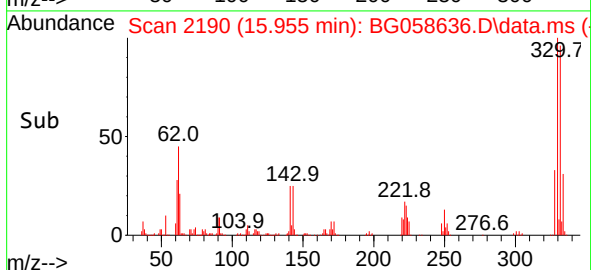
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

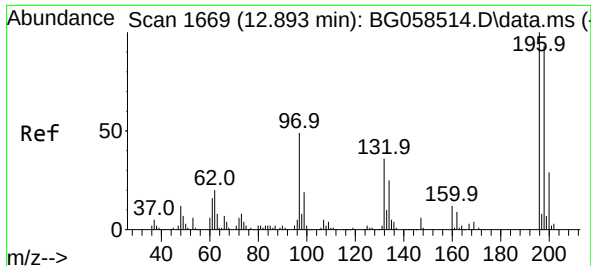


#42
2,4,6-Tribromophenol
Concen: 133.744 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:330 Resp: 328334
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 26.0 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 48.760 ng
RT: 12.893 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

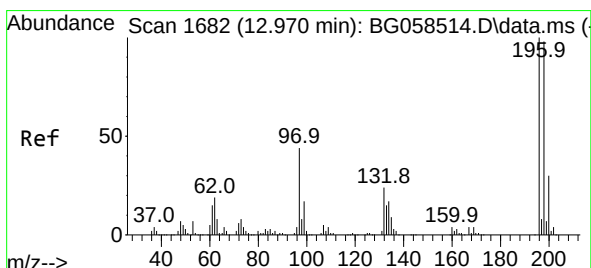
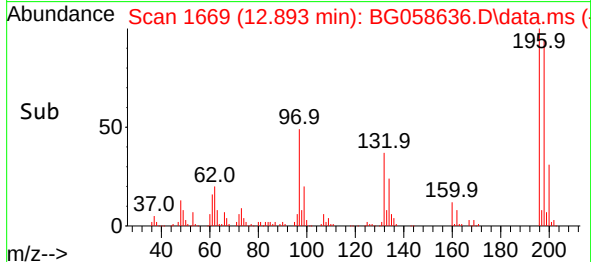
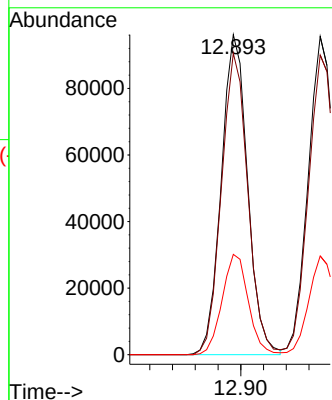
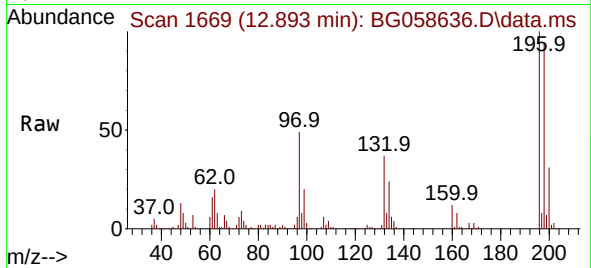
PB154526BS

Tgt Ion:196 Resp: 15421
Ion Ratio Lower Upper
196 100
198 94.2 74.2 111.4
200 31.4 22.9 34.3

Manual Integrations

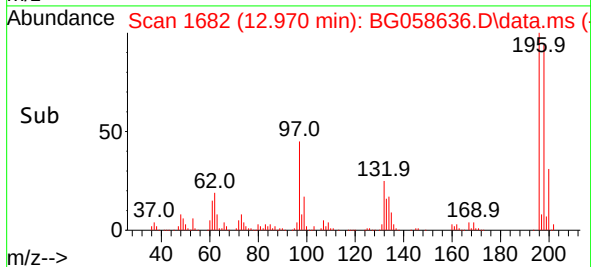
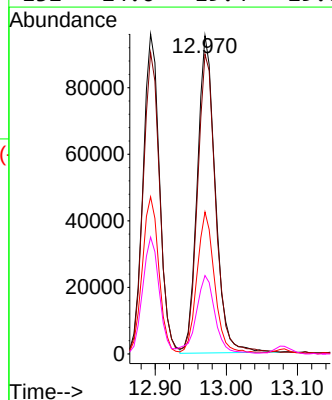
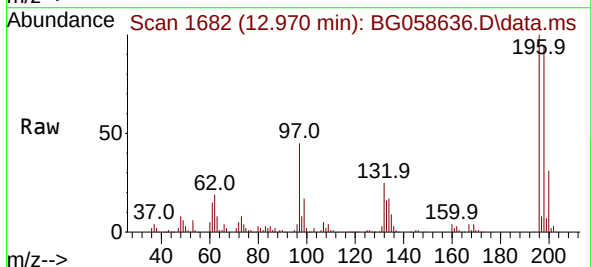
APPROVED

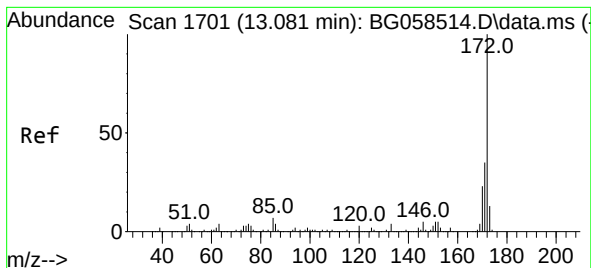
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#44
2,4,5-Trichlorophenol
Concen: 45.001 ng
RT: 12.970 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

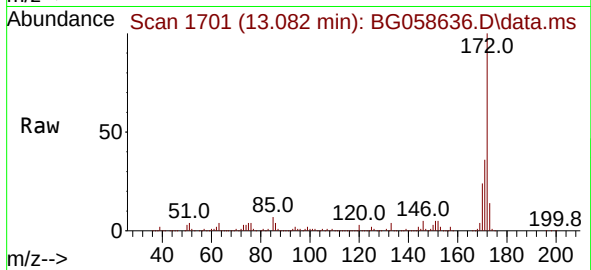
Tgt Ion:196 Resp: 167642
Ion Ratio Lower Upper
196 100
198 94.2 78.3 117.5
97 44.6 35.2 52.8
132 24.6 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 86.817 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

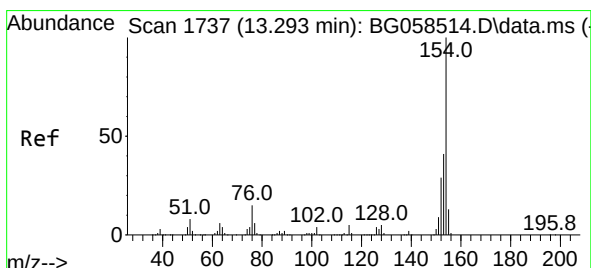
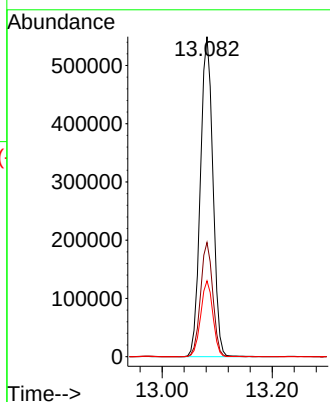
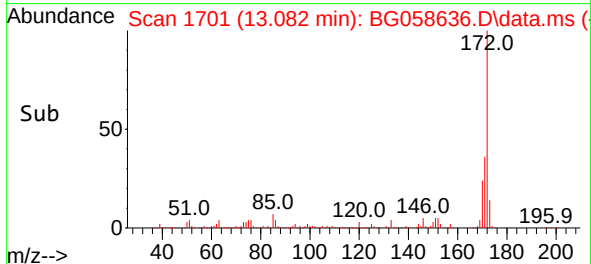
Instrument :
BNA_G
ClientSampleId :
PB154526BS



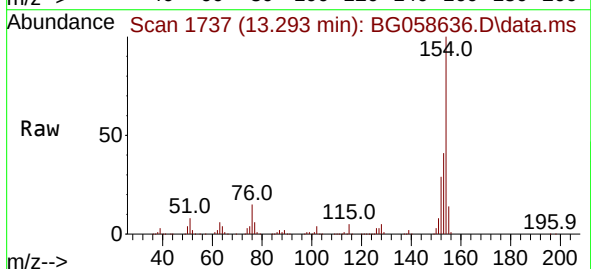
Tgt Ion:172 Resp: 86768
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.7 18.4 27.6

Manual Integrations
APPROVED

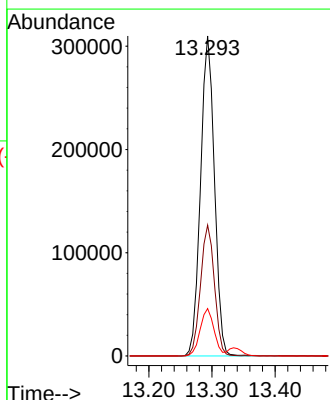
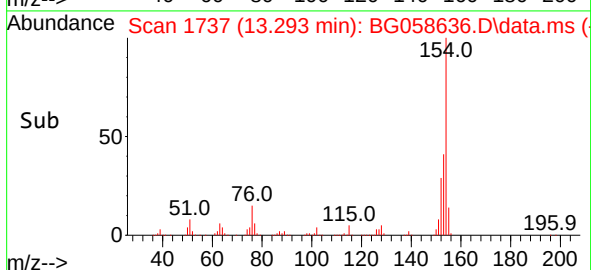
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

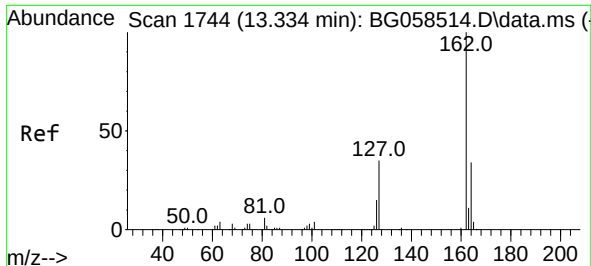


#46
1,1'-Biphenyl
Concen: 45.966 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:154 Resp: 472797
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 14.8 0.0 34.7





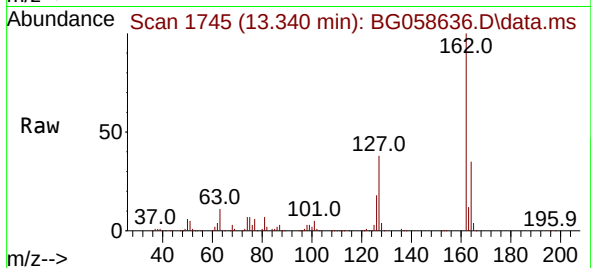
#47
2-Chloronaphthalene
Concen: 46.774 ng
RT: 13.340 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

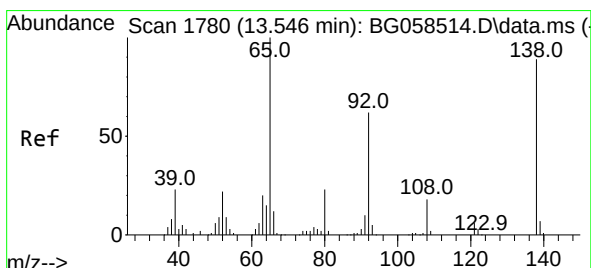
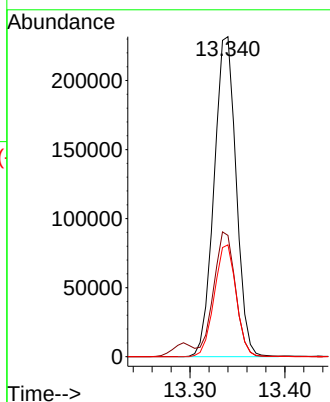
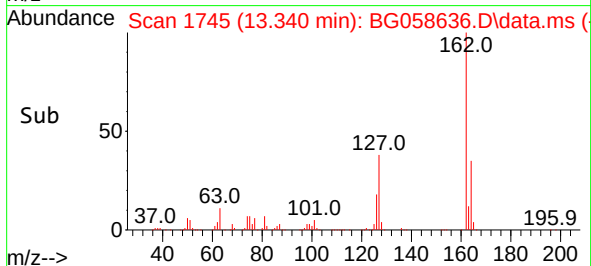


Tgt Ion:162 Resp: 37512
Ion Ratio Lower Upper
162 100
127 37.9 30.9 46.3
164 35.0 27.2 40.8

Manual Integrations

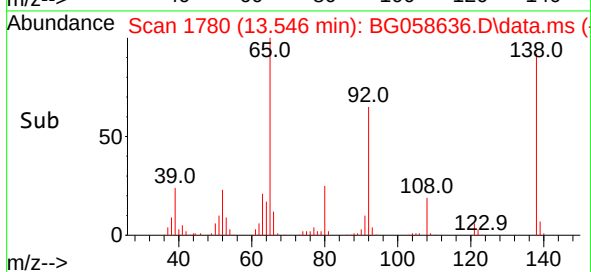
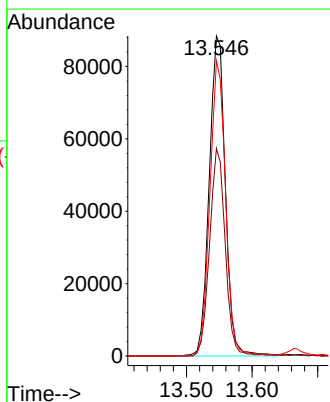
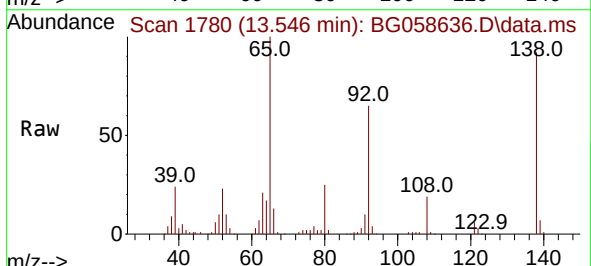
APPROVED

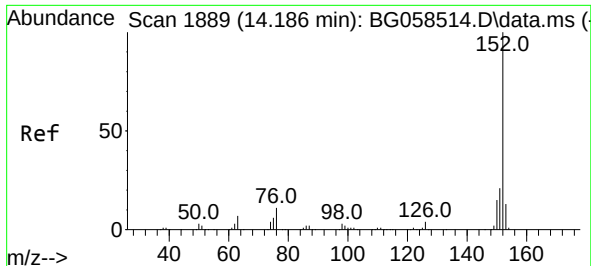
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#48
2-Nitroaniline
Concen: 49.317 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion: 65 Resp: 150967
Ion Ratio Lower Upper
65 100
92 64.9 49.2 73.8
138 92.1 71.5 107.3





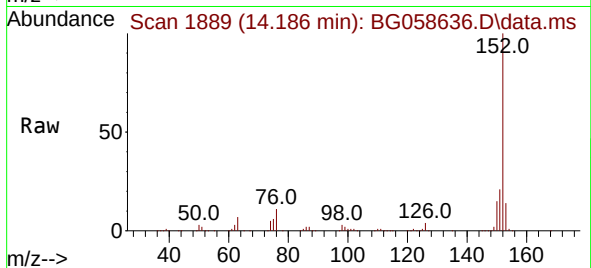
#49
Acenaphthylene
Concen: 47.585 ng
RT: 14.186 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

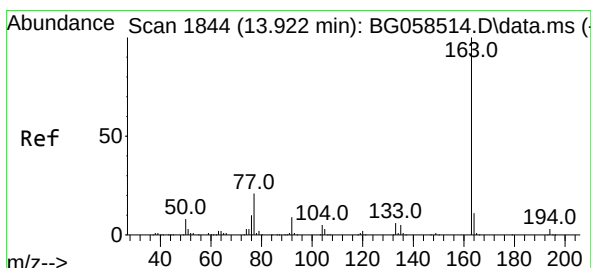
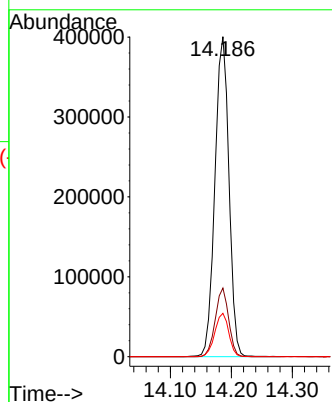
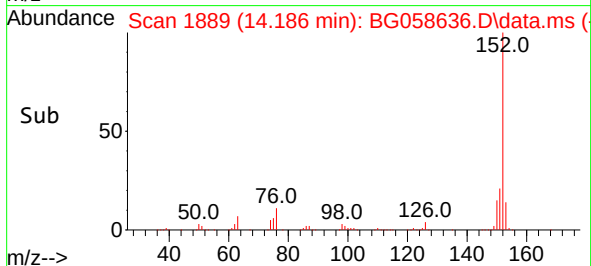


Tgt Ion:152 Resp: 638930
Ion Ratio Lower Upper
152 100
151 21.5 16.5 24.7
153 13.5 10.7 16.1

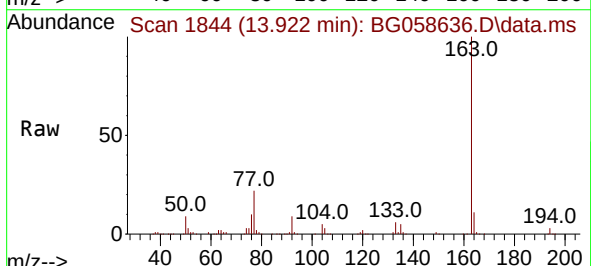
Manual Integrations

APPROVED

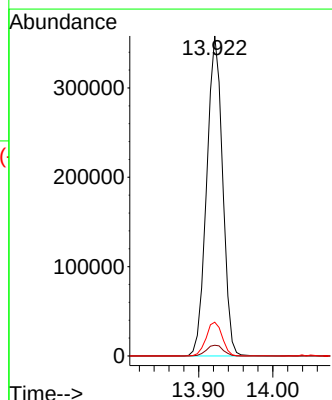
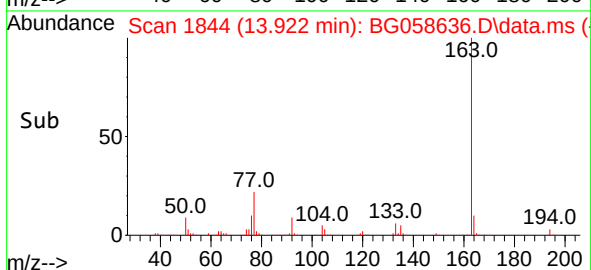
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

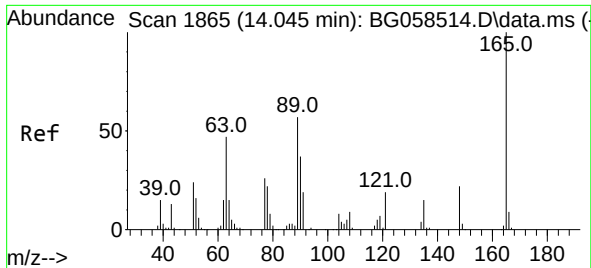


#50
Dimethylphthalate
Concen: 47.410 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:163 Resp: 533296
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.6 12.8





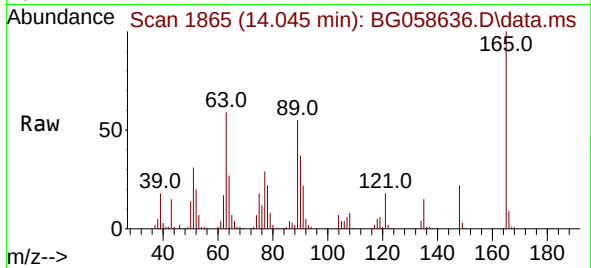
#51
2,6-Dinitrotoluene
Concen: 48.966 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

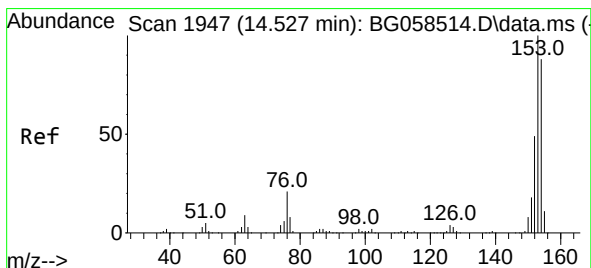
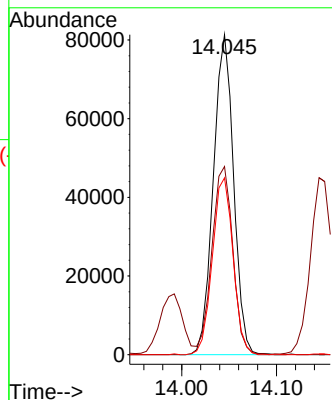
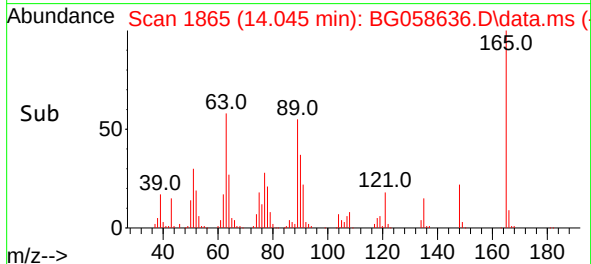


Tgt Ion:165 Resp: 12085
Ion Ratio Lower Upper
165 100
63 58.8 46.4 69.6
89 55.3 45.3 67.9

Manual Integrations

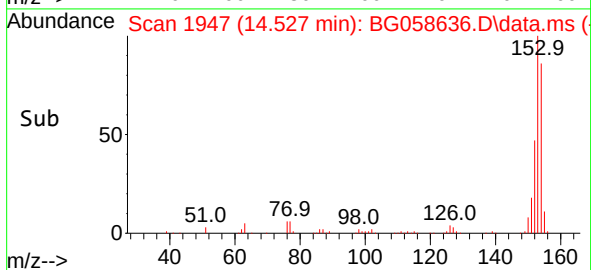
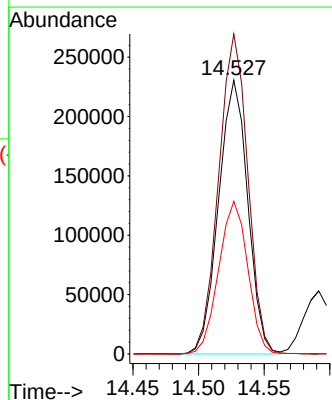
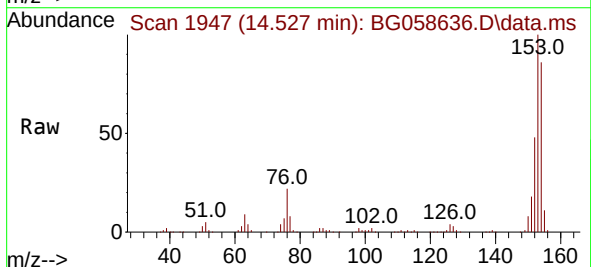
APPROVED

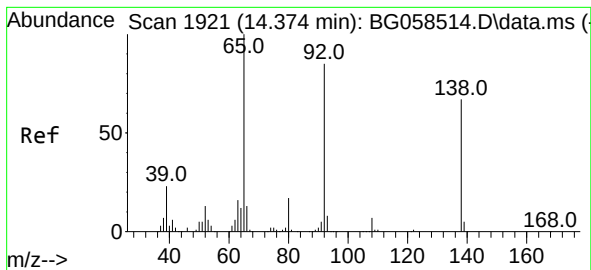
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#52
Acenaphthene
Concen: 45.928 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:154 Resp: 356337
Ion Ratio Lower Upper
154 100
153 116.9 91.1 136.7
152 55.8 44.6 66.8





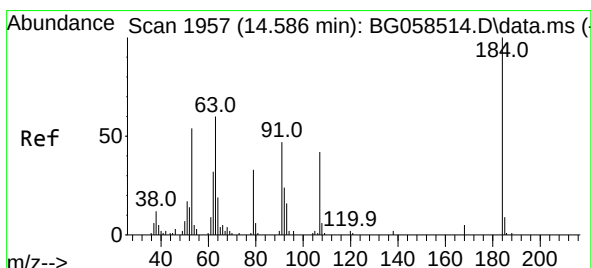
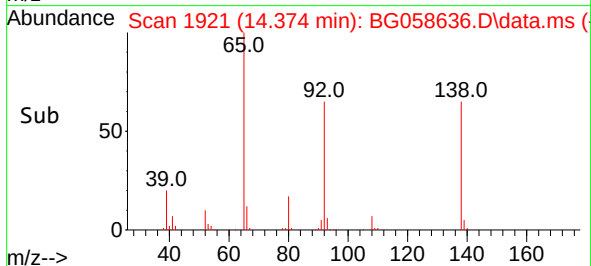
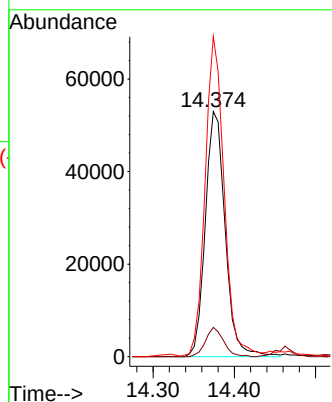
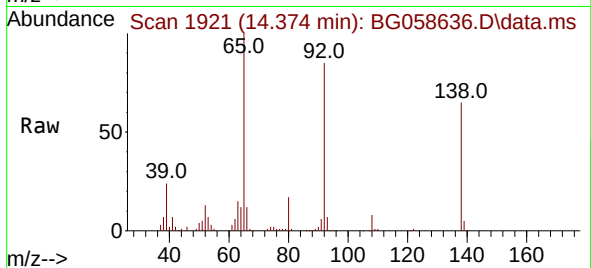
#53
3-Nitroaniline
Concen: 36.408 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :
BNA_G
ClientSampleId :
PB154526BS

Tgt Ion:138 Resp: 89904
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 130.6 101.1 151.7

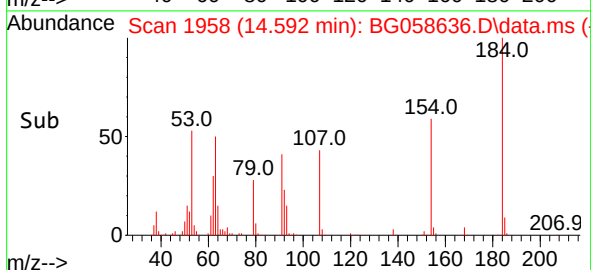
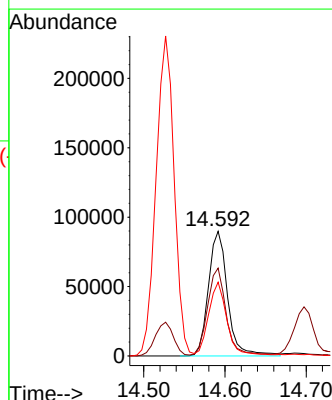
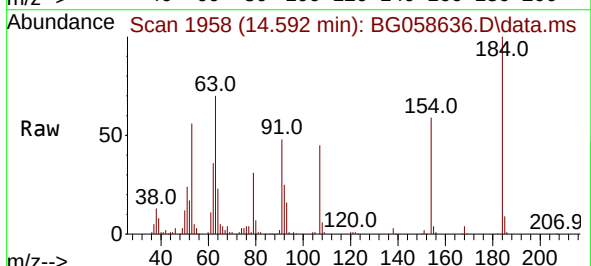
Manual Integrations
APPROVED

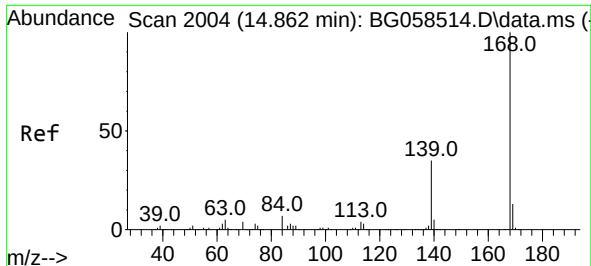
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#54
2,4-Dinitrophenol
Concen: 103.490 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:184 Resp: 147363
Ion Ratio Lower Upper
184 100
63 70.4 56.7 85.1
154 59.2 46.1 69.1





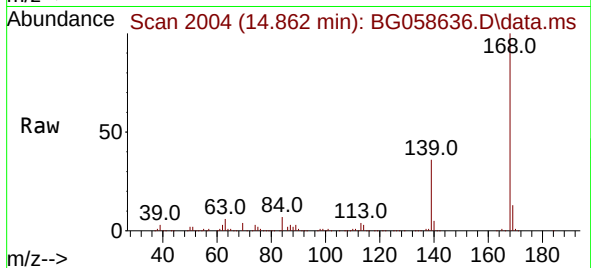
#55
Dibenzenofuran
Concen: 45.888 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

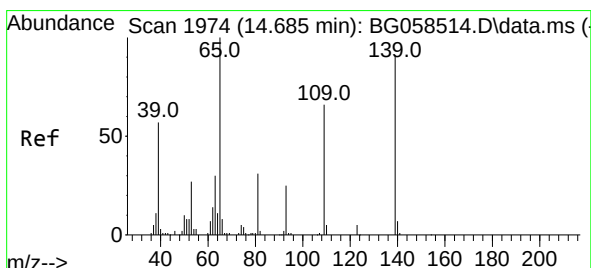
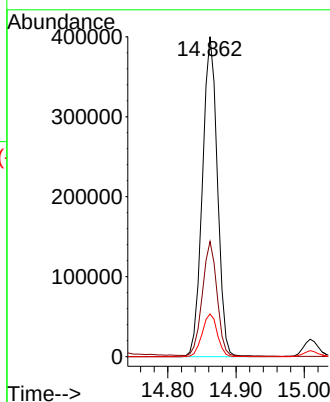
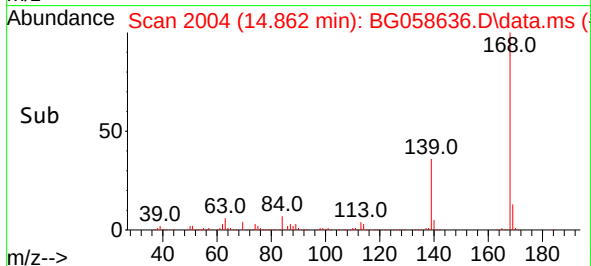


Tgt Ion:168 Resp: 611758
Ion Ratio Lower Upper
168 100
139 36.0 27.8 41.8
169 13.3 10.6 16.0

Manual Integrations

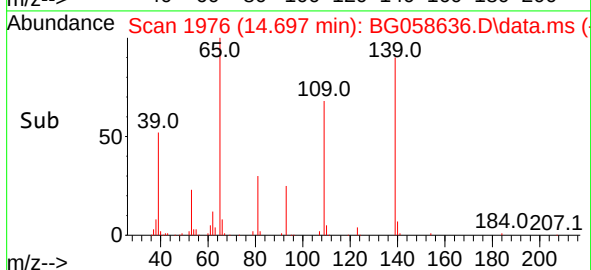
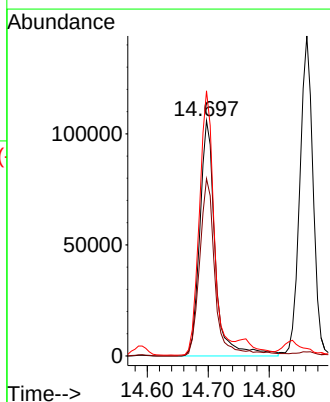
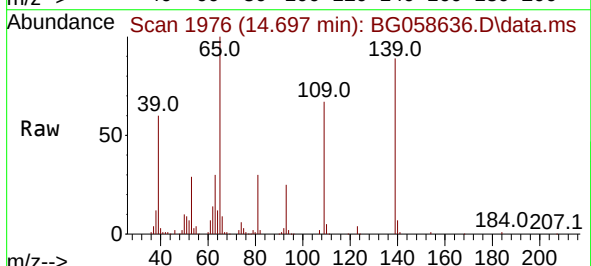
APPROVED

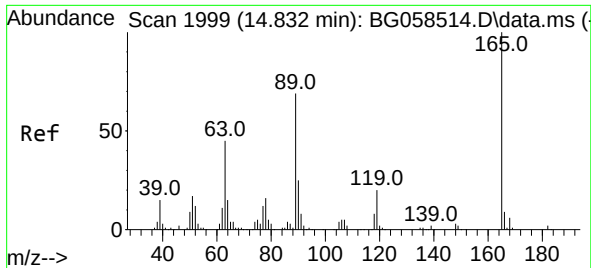
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#56
4-Nitrophenol
Concen: 101.514 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:139 Resp: 187455
Ion Ratio Lower Upper
139 100
109 75.3 52.5 92.5
65 112.6 90.5 130.5





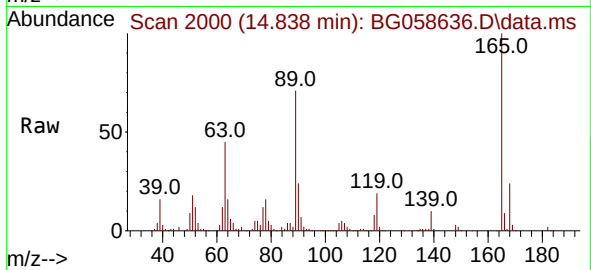
#57
2,4-Dinitrotoluene
Concen: 50.567 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS



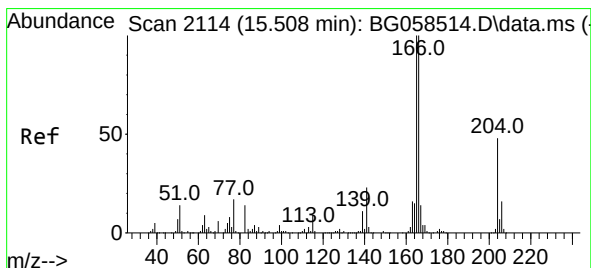
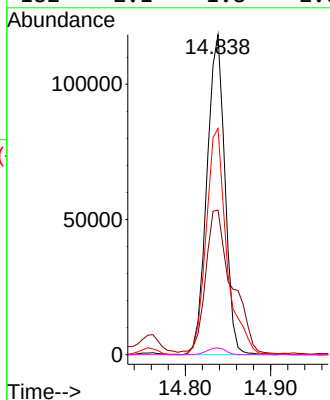
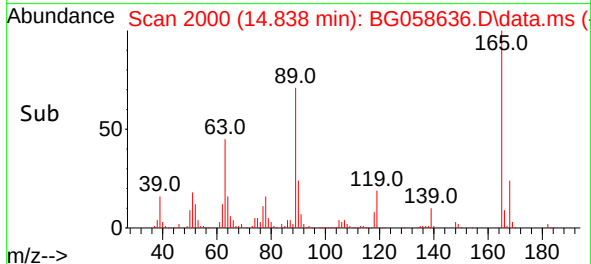
Tgt Ion:165 Resp: 173029
Ion Ratio Lower Upper
165 100
63 45.2 36.6 54.8
89 70.7 55.4 83.0
182 2.1 1.8 2.6

Manual Integrations

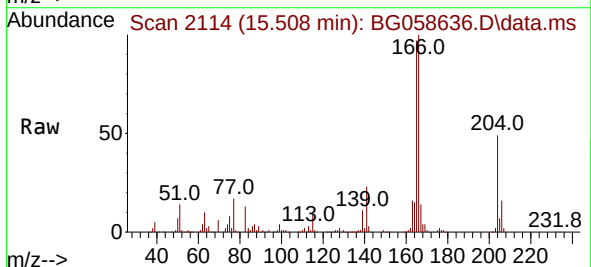
APPROVED

Reviewed By :Yogesh Patel 08/09/2023

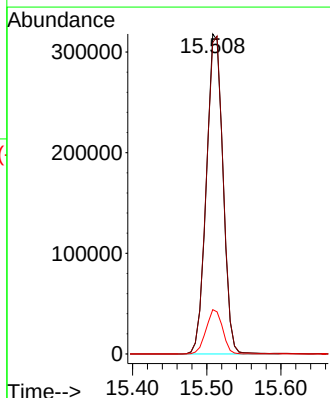
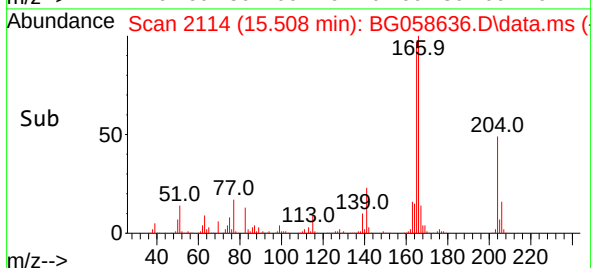
Supervised By :mohammad ahmed 08/09/2023

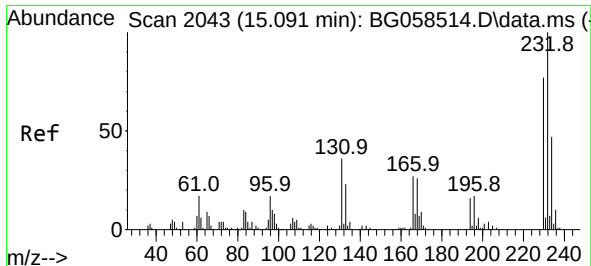


#58
Fluorene
Concen: 46.558 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:166 Resp: 493086
Ion Ratio Lower Upper
166 100
165 97.3 80.0 120.0
167 13.8 11.3 16.9





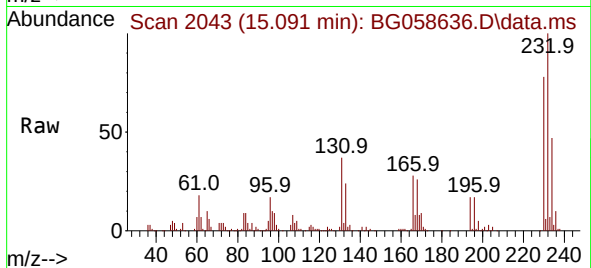
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.974 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

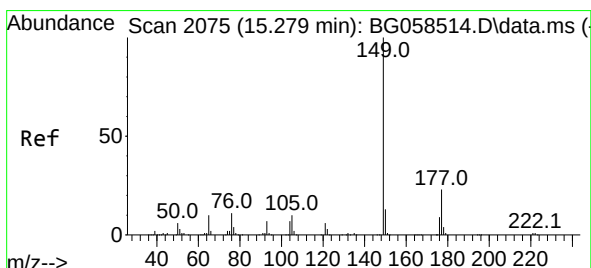
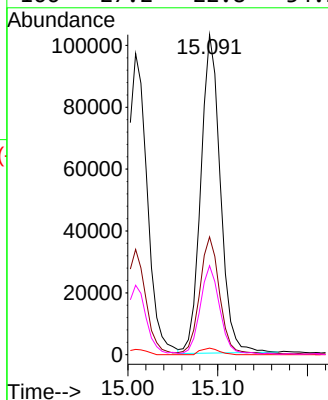
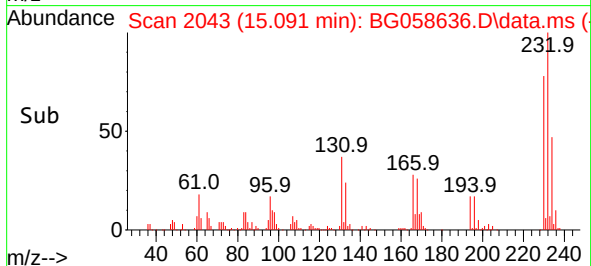


Tgt Ion:232 Resp: 155680
Ion Ratio Lower Upper
232 100
131 37.1 30.0 45.0
130 1.9 1.5 2.3
166 27.2 22.8 34.2

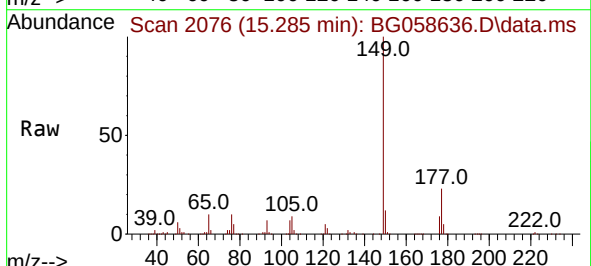
Manual Integrations

APPROVED

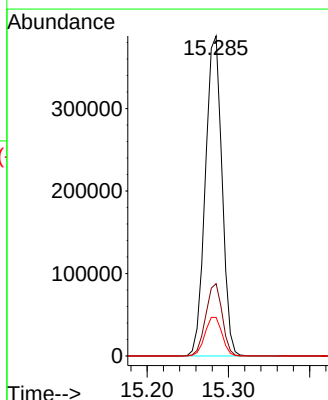
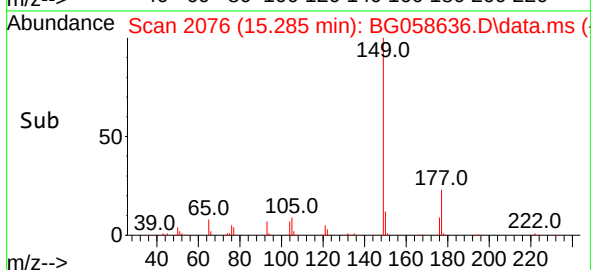
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

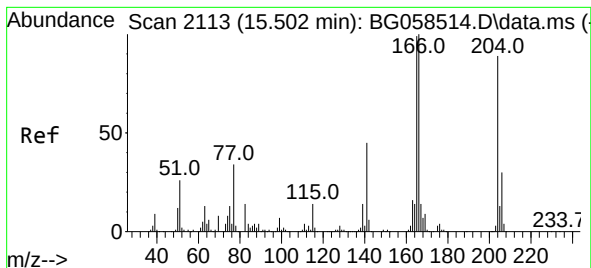


#60
Diethylphthalate
Concen: 47.965 ng
RT: 15.285 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:149 Resp: 549649
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 12.0 10.2 15.4





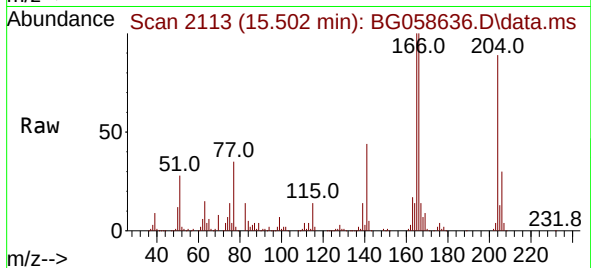
#61
4-Chlorophenyl-phenylether
Concen: 45.996 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

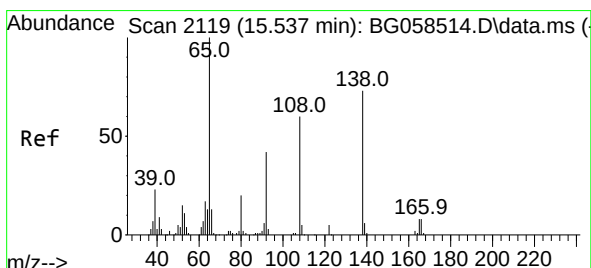
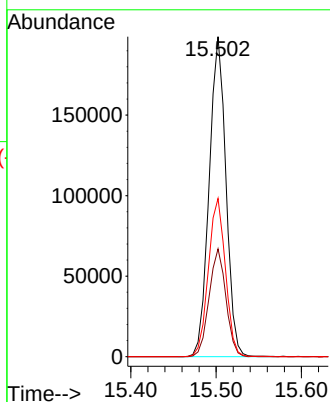
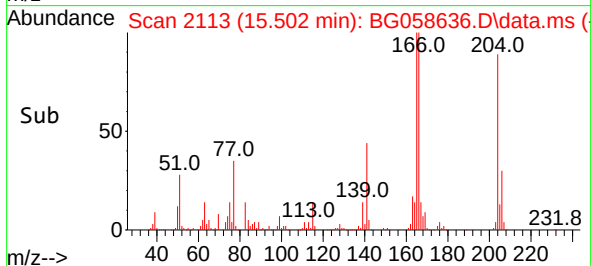


Tgt Ion:204 Resp: 27158
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 49.4 40.8 61.2

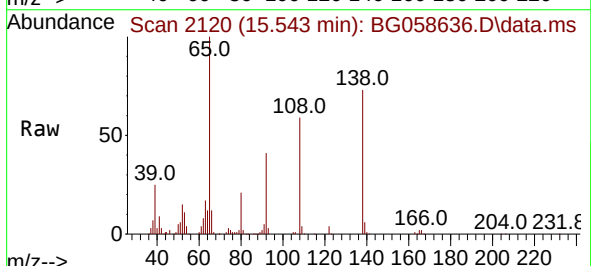
Manual Integrations

APPROVED

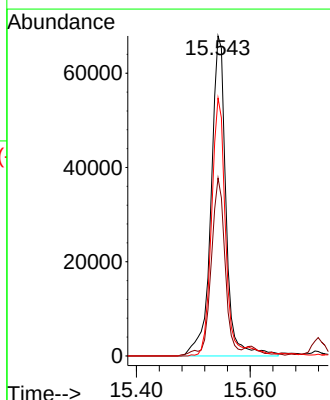
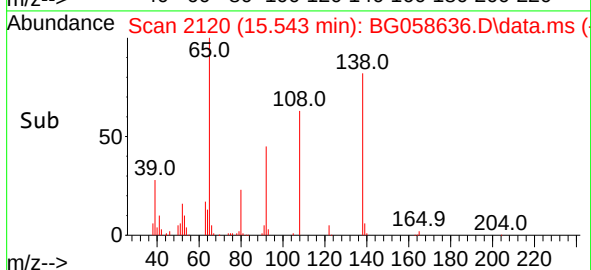
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

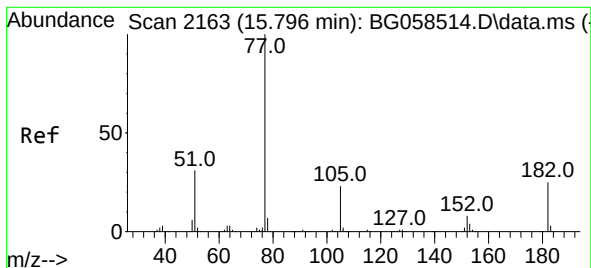


#62
4-Nitroaniline
Concen: 52.956 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:138 Resp: 123875
Ion Ratio Lower Upper
138 100
92 55.6 37.3 77.3
108 80.6 62.6 102.6





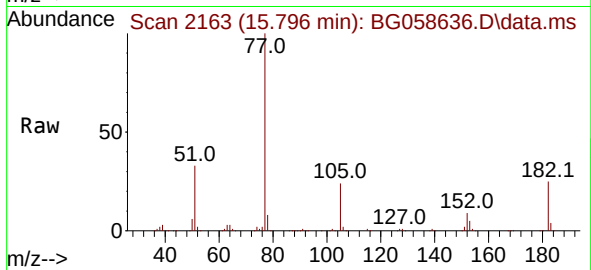
#63
Azobenzene
Concen: 46.701 ng
RT: 15.796 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

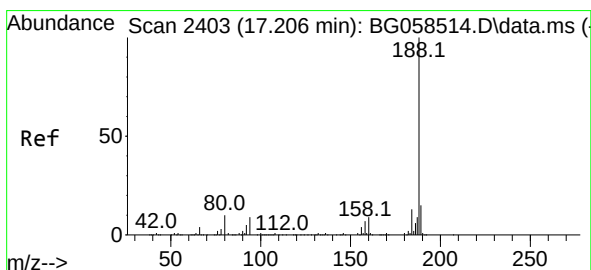
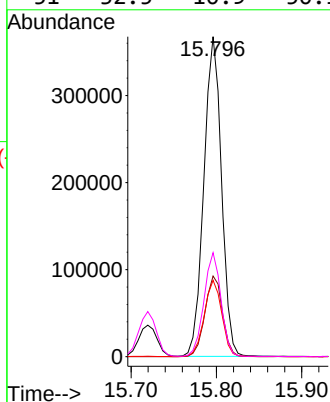
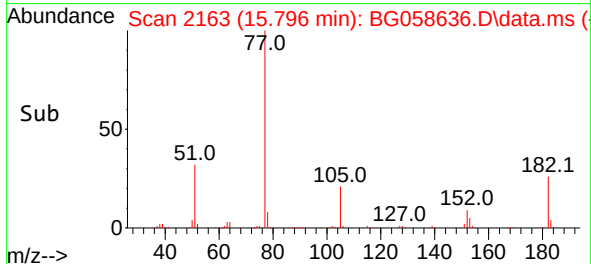


Tgt Ion: 77 Resp: 527124
Ion Ratio Lower Upper
77 100
182 25.2 4.6 44.6
105 23.8 3.3 43.3
51 32.5 10.9 50.9

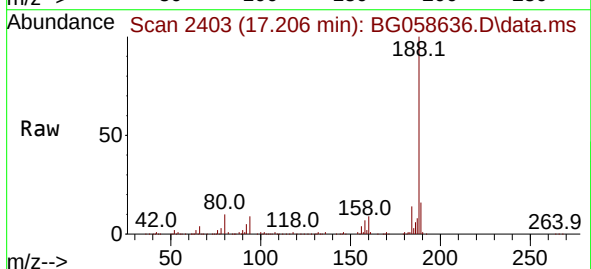
Manual Integrations

APPROVED

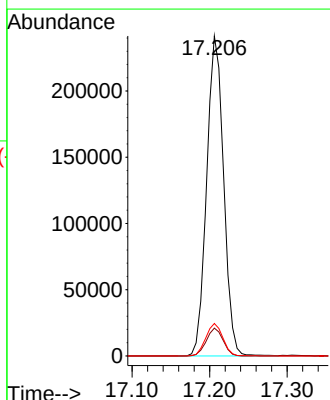
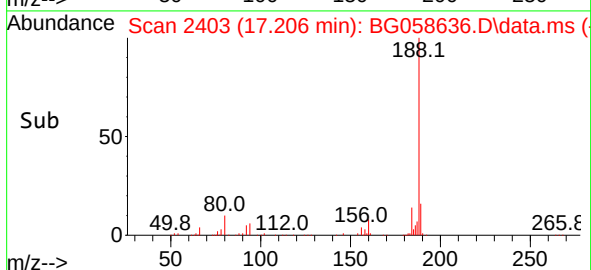
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

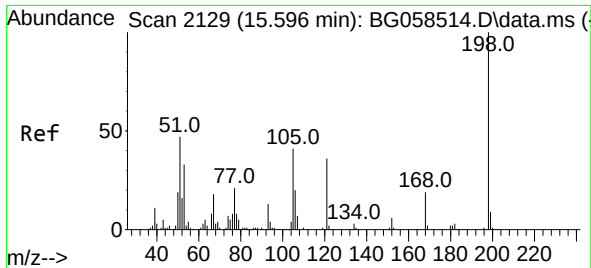


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:188 Resp: 368042
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.2 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.846 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

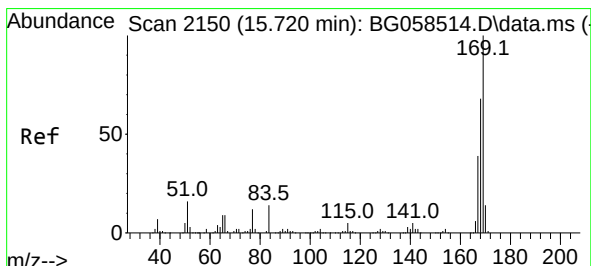
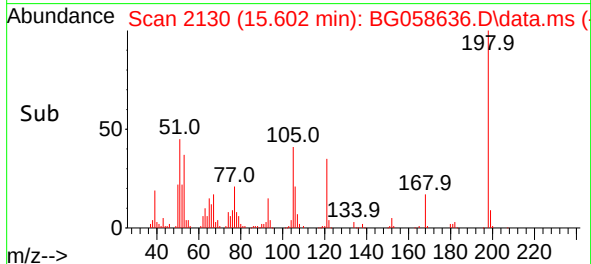
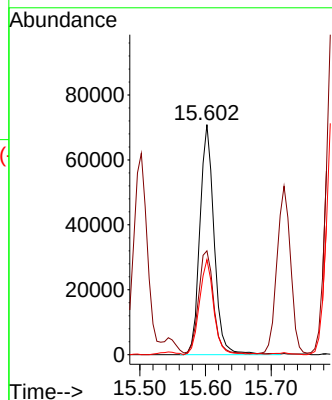
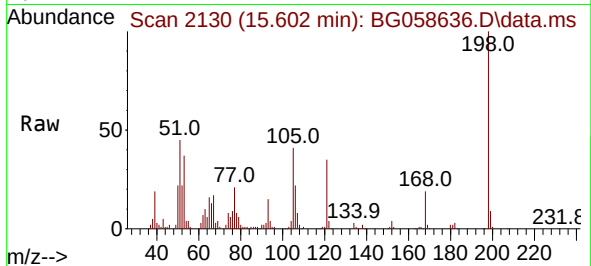
PB154526BS

Tgt Ion:198 Resp: 10724
Ion Ratio Lower Upper
198 100
51 45.1 29.3 69.3
105 41.3 21.0 61.0

Manual Integrations

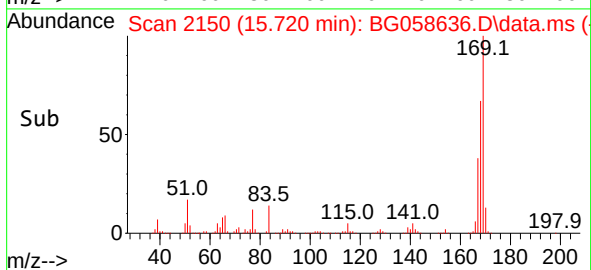
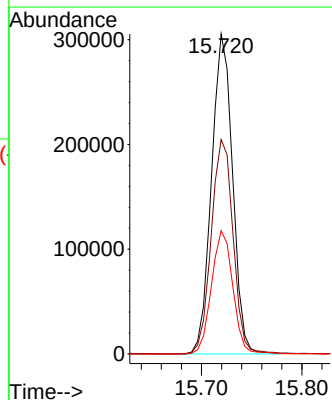
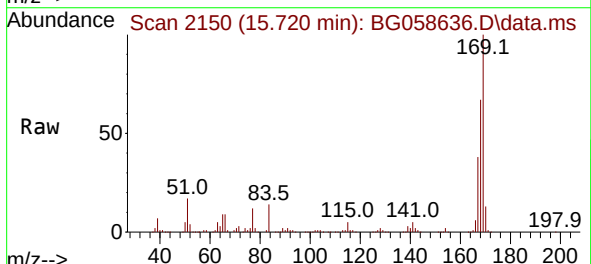
APPROVED

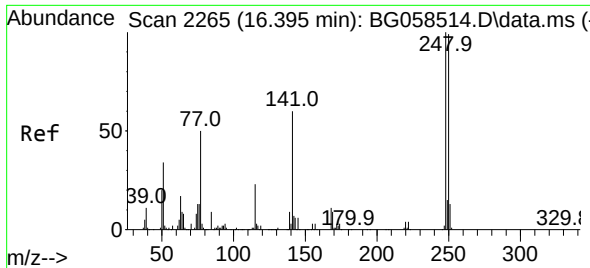
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#66
n-Nitrosodiphenylamine
Concen: 46.379 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:169 Resp: 444271
Ion Ratio Lower Upper
169 100
168 67.0 54.6 82.0
167 38.5 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 45.329 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

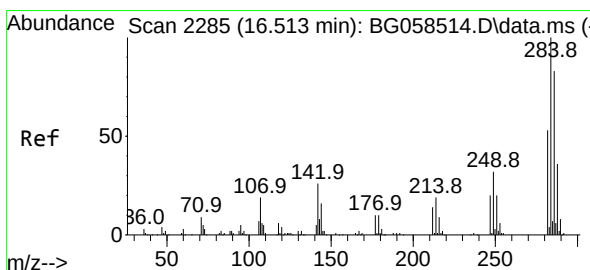
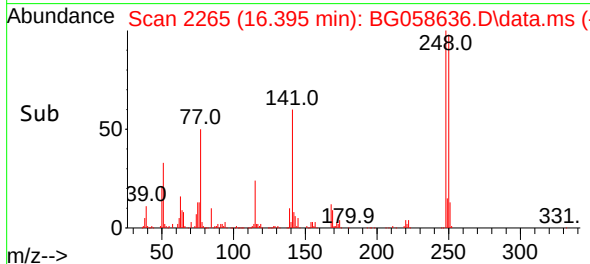
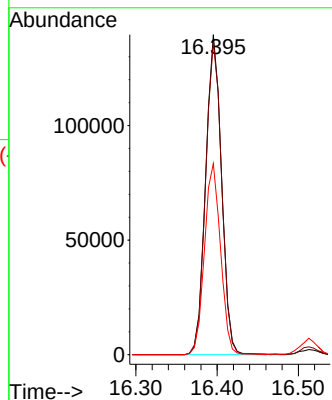
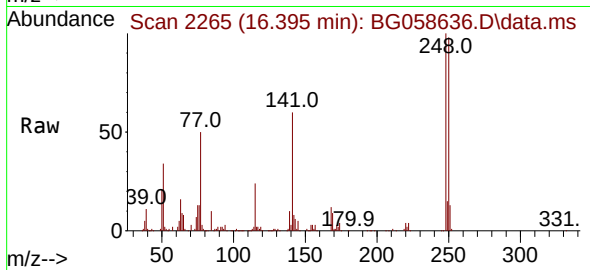
PB154526BS

Tgt Ion:248 Resp: 18922
Ion Ratio Lower Upper
248 100
250 97.8 79.5 119.3
141 59.7 48.2 72.2

Manual Integrations

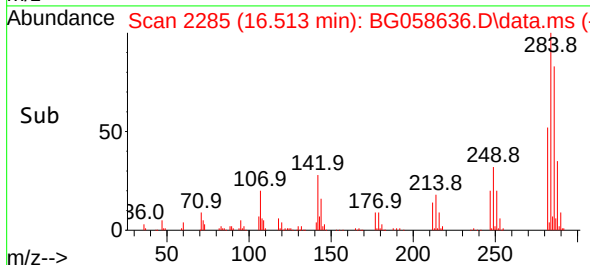
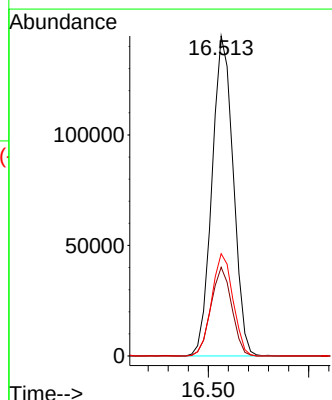
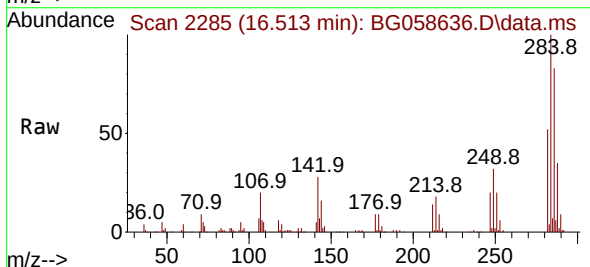
APPROVED

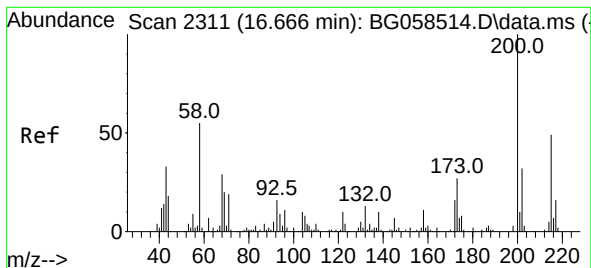
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#68
Hexachlorobenzene
Concen: 48.182 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:284 Resp: 213129
Ion Ratio Lower Upper
284 100
142 27.7 21.0 31.4
249 32.0 25.5 38.3





#69

Atrazine

Concen: 57.061 ng

RT: 16.671 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058636.D

Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

Tgt Ion:200 Resp: 18451

Ion Ratio Lower Upper

200 100

173 24.8 6.5 46.5

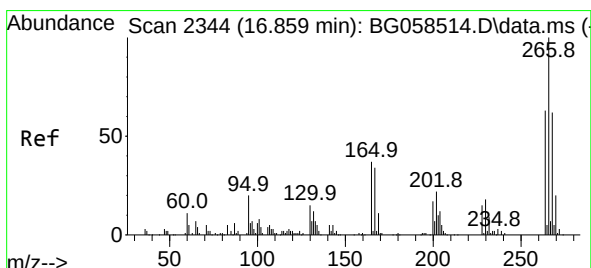
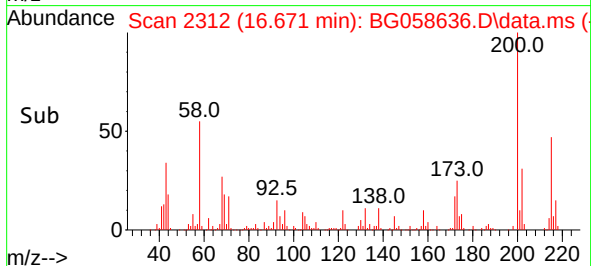
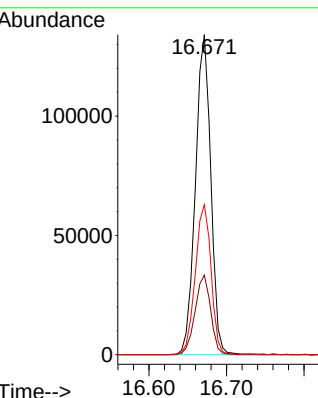
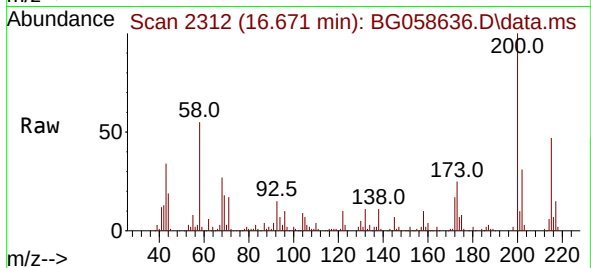
215 46.9 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/09/2023



#70

Pentachlorophenol

Concen: 85.741 ng

RT: 16.859 min Scan# 2344

Delta R.T. 0.000 min

Lab File: BG058636.D

Acq: 8 Aug 2023 10:12

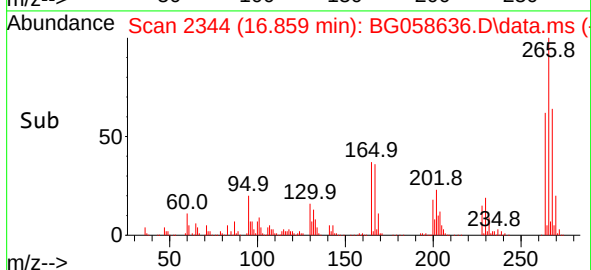
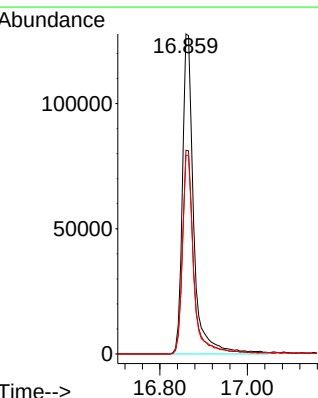
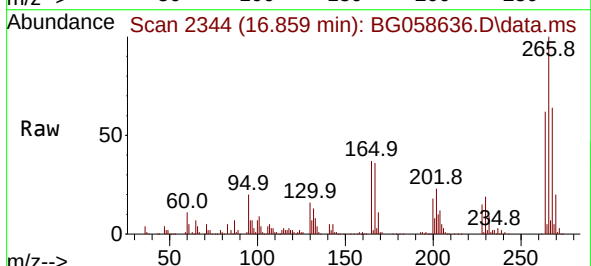
Tgt Ion:266 Resp: 229563

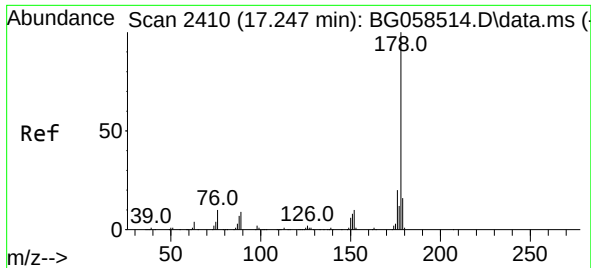
Ion Ratio Lower Upper

266 100

268 63.6 49.9 74.9

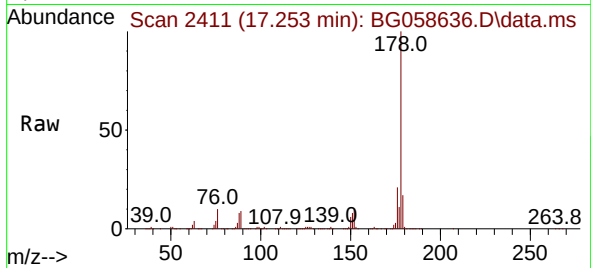
264 62.1 50.2 75.4





#71
Phenanthrene
Concen: 46.788 ng
RT: 17.253 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

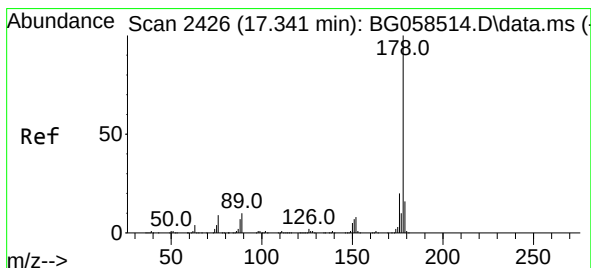
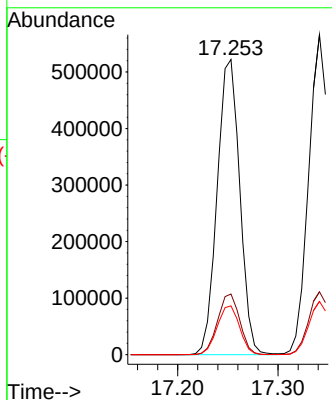
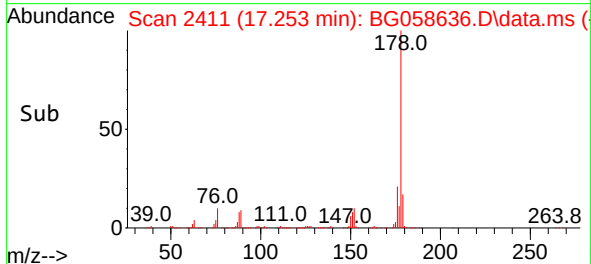
Instrument :
BNA_G
ClientSampleId :
PB154526BS



Tgt Ion:178 Resp: 816640
Ion Ratio Lower Upper
178 100
176 20.5 16.3 24.5
179 16.5 13.1 19.7

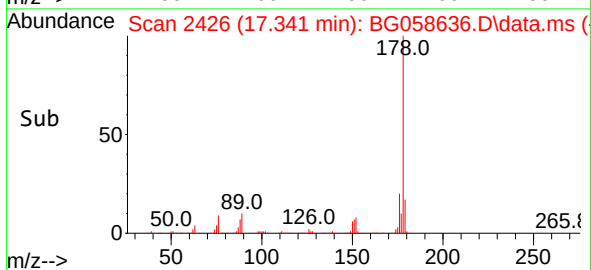
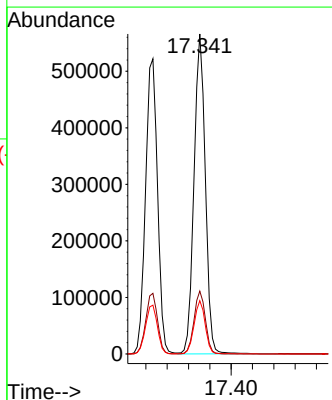
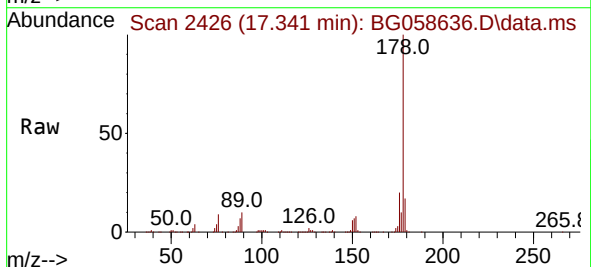
Manual Integrations
APPROVED

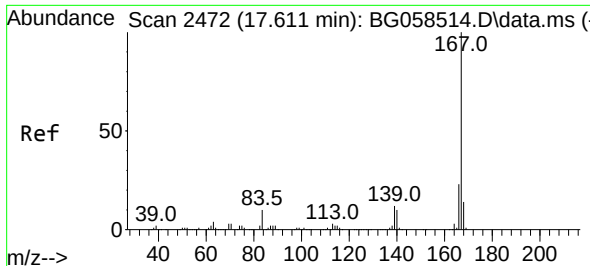
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#72
Anthracene
Concen: 46.374 ng
RT: 17.341 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:178 Resp: 830522
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.7 12.9 19.3





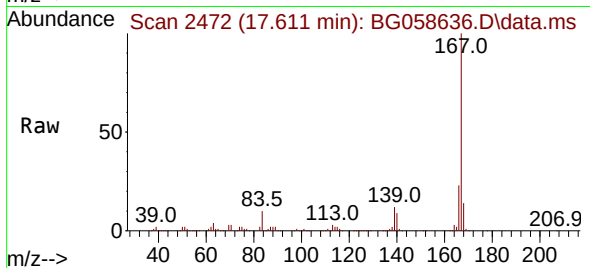
#73
 Carbazole
 Concen: 49.508 ng
 RT: 17.611 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058636.D
 Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

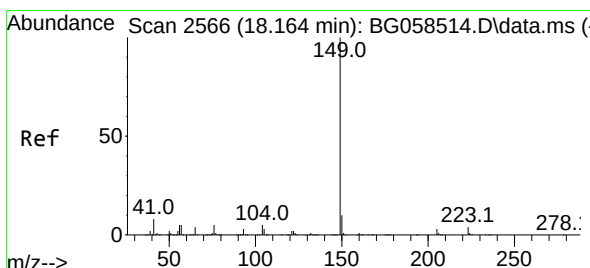
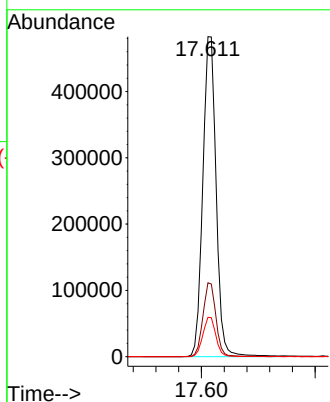
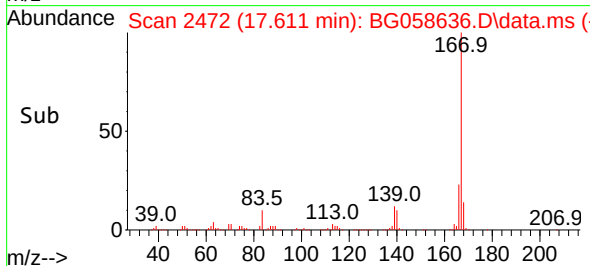


Tgt Ion:167 Resp: 781880
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.4 27.6
 139 12.3 10.0 15.0

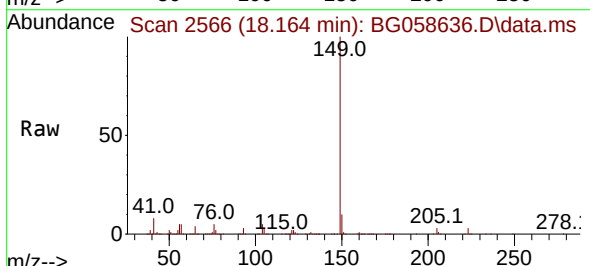
Manual Integrations

APPROVED

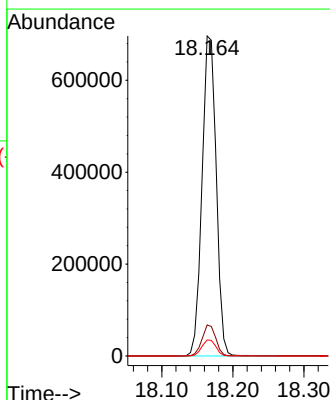
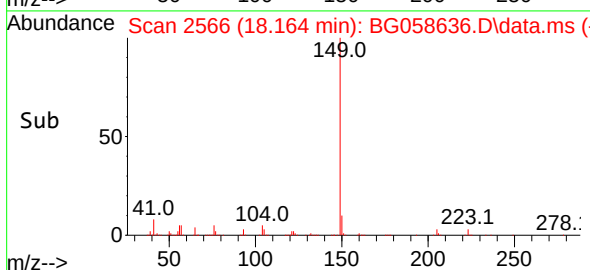
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

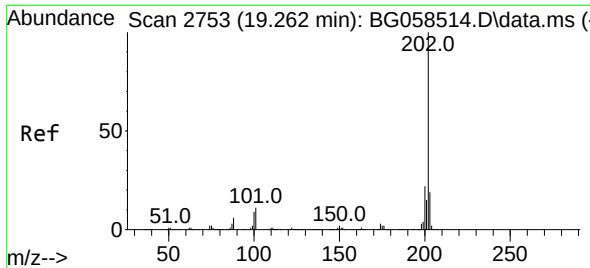


#74
 Di-n-butylphthalate
 Concen: 48.925 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058636.D
 Acq: 8 Aug 2023 10:12



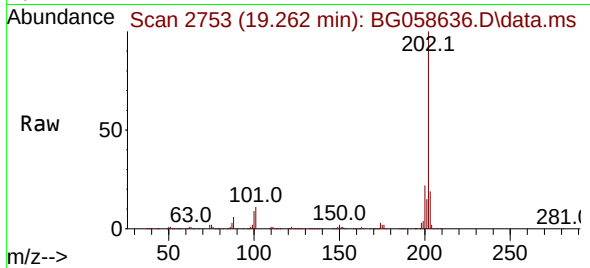
Tgt Ion:149 Resp: 967819
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 48.268 ng
RT: 19.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

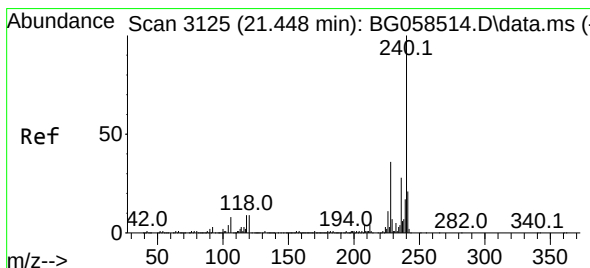
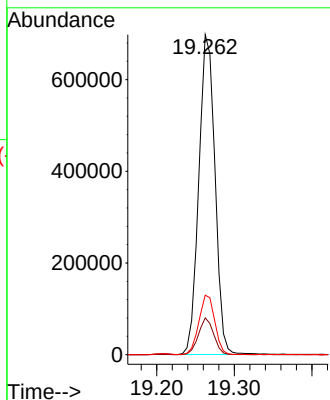
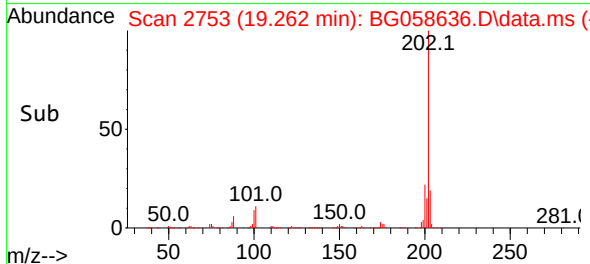
Instrument :
BNA_G
ClientSampleId :
PB154526BS



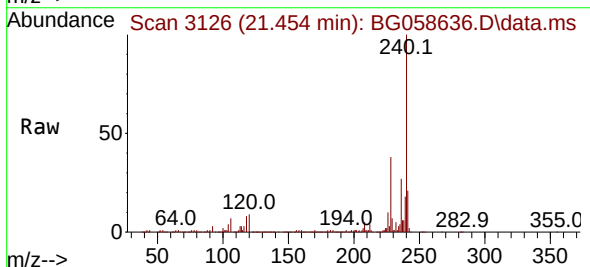
Tgt Ion:202 Resp: 101198
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 18.6 0.0 39.0

Manual Integrations
APPROVED

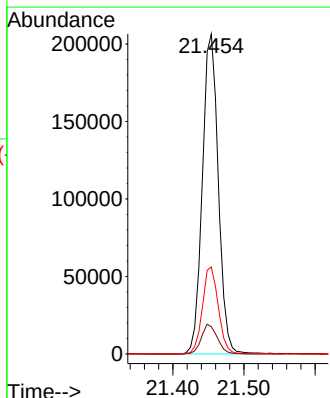
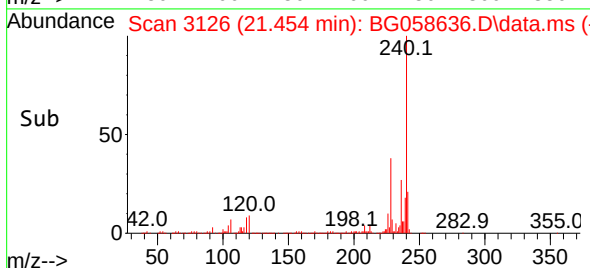
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

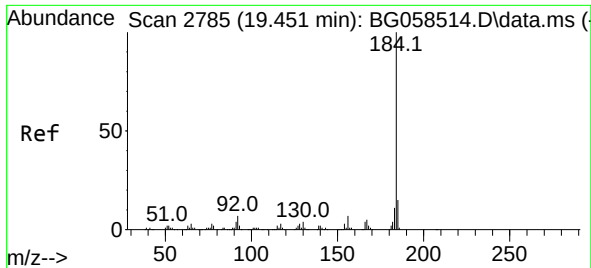


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



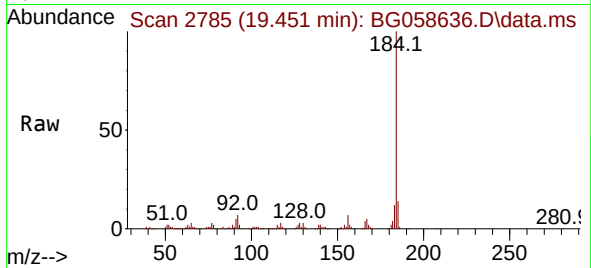
Tgt Ion:240 Resp: 322897
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 27.2 22.2 33.4





#77
Benzidine
Concen: 86.923 ng
RT: 19.451 min Scan# 2785
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

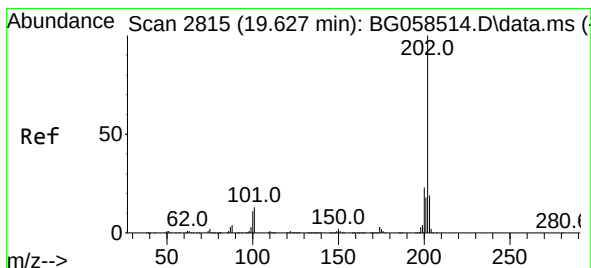
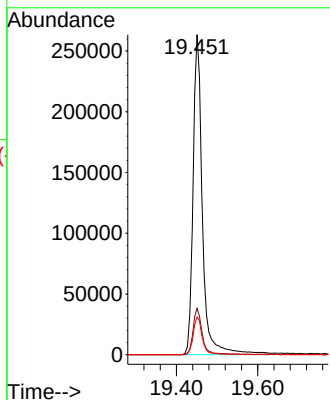
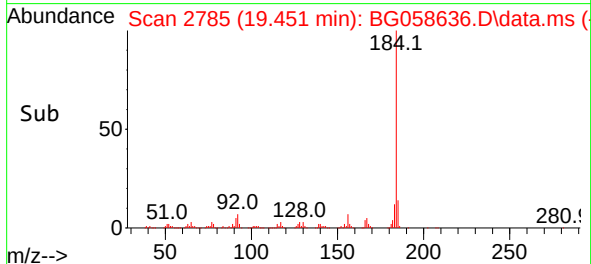
Instrument :
BNA_G
ClientSampleId :
PB154526BS



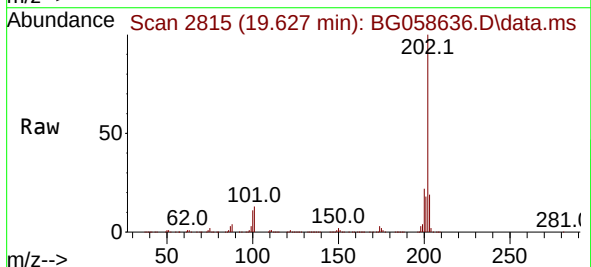
Tgt Ion:184 Resp: 425610
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.8 8.7 13.1

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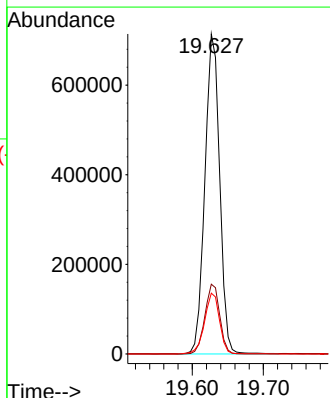
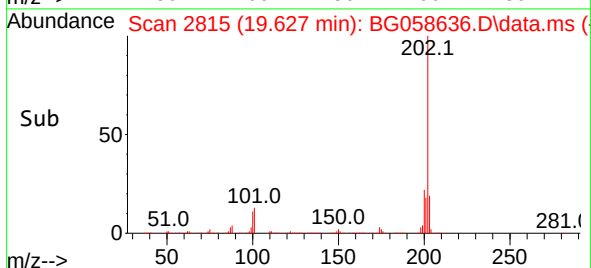
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

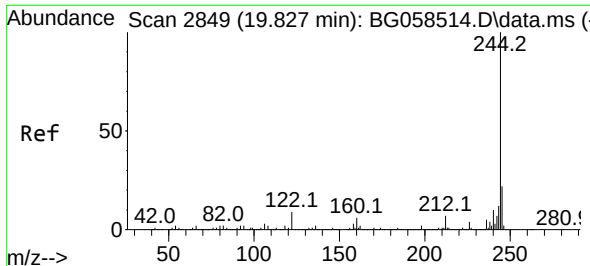


#78
Pyrene
Concen: 47.001 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:202 Resp: 1032850
Ion Ratio Lower Upper
202 100
200 21.8 18.2 27.2
203 19.0 15.1 22.7





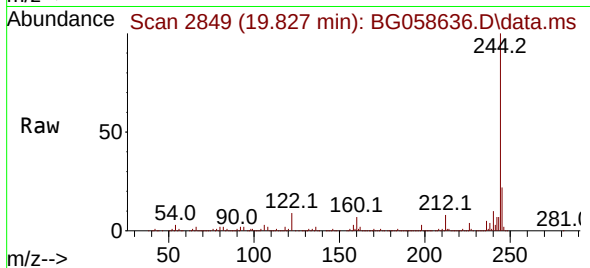
#79
 Terphenyl-d14
 Concen: 94.168 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058636.D
 Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

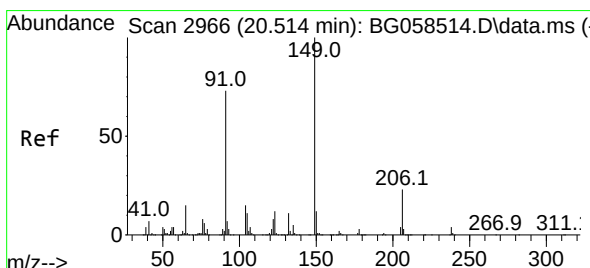
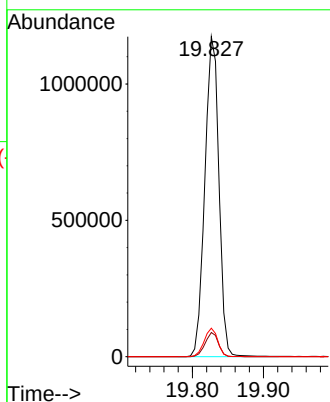
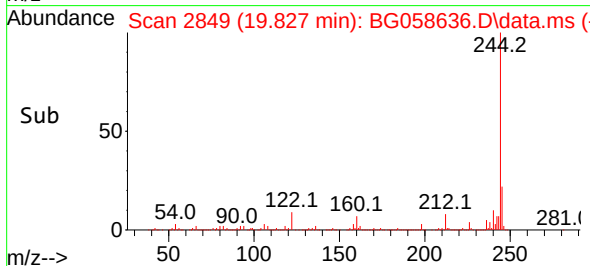


Tgt Ion:244 Resp: 161692
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.9 6.8 10.2

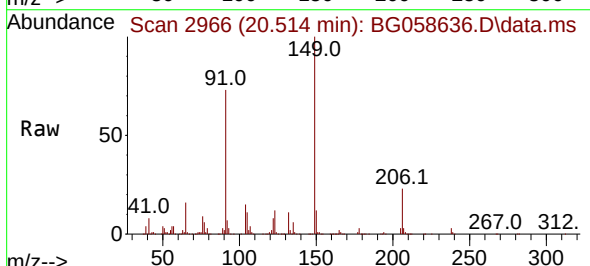
Manual Integrations

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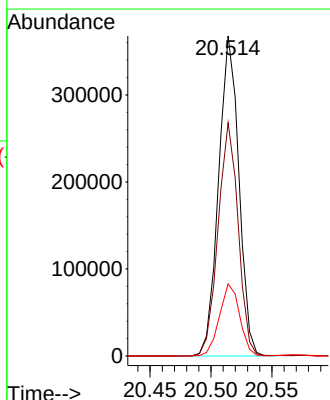
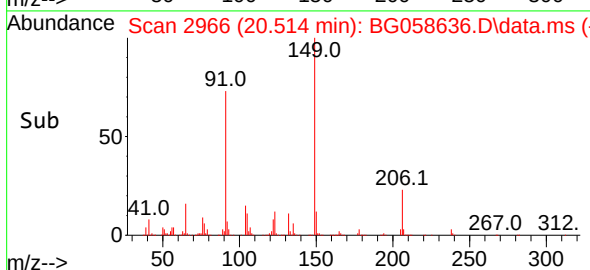
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

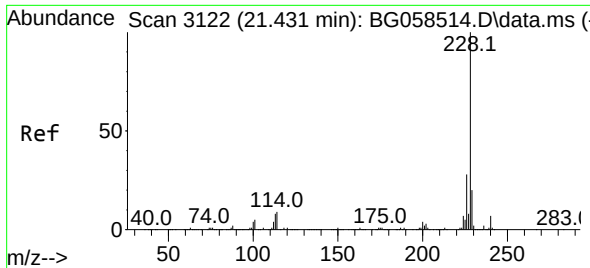


#80
 Butylbenzylphthalate
 Concen: 47.196 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058636.D
 Acq: 8 Aug 2023 10:12



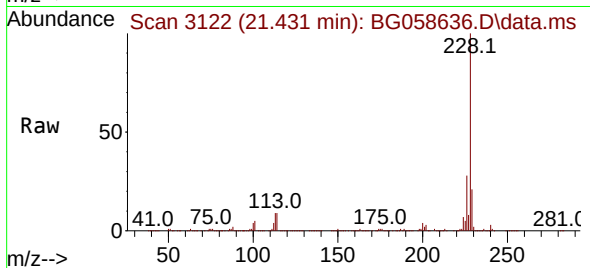
Tgt Ion:149 Resp: 426008
 Ion Ratio Lower Upper
 149 100
 91 72.9 58.4 87.6
 206 22.6 18.3 27.5





#81
Benzo(a)anthracene
Concen: 47.375 ng
RT: 21.431 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

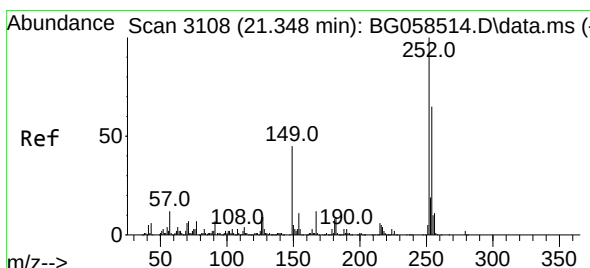
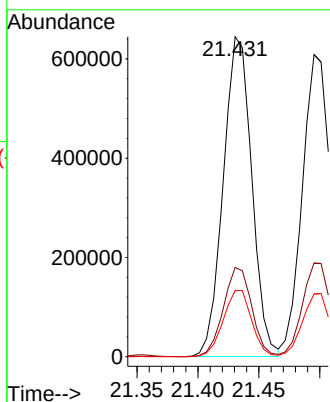
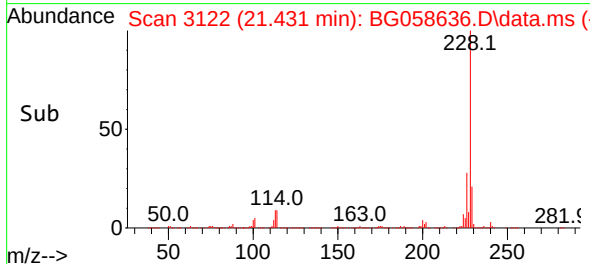
Instrument :
BNA_G
ClientSampleId :
PB154526BS



Tgt Ion:228 Resp: 105274
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.7 16.3 24.5

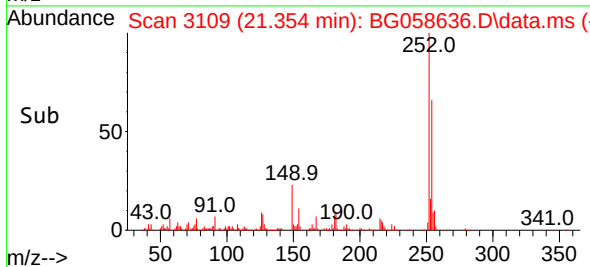
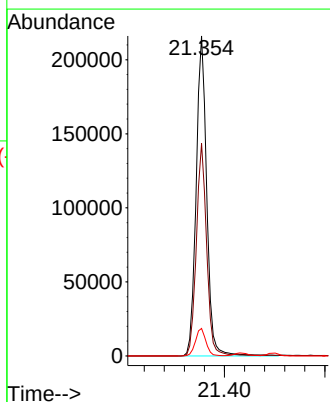
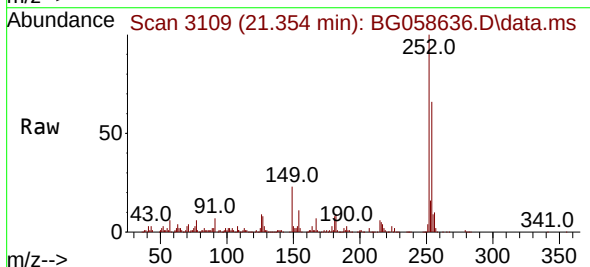
Manual Integrations
APPROVED

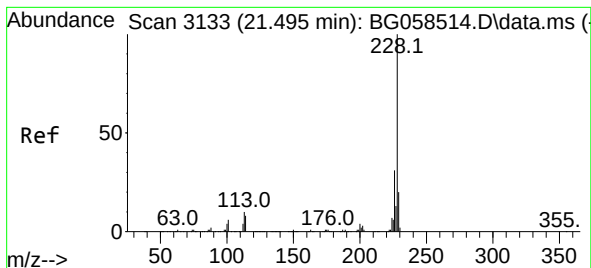
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.965 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Tgt Ion:252 Resp: 315297
Ion Ratio Lower Upper
252 100
254 66.4 52.2 78.4
126 8.6 7.2 10.8





#83

Chrysene

Concen: 46.252 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058636.D

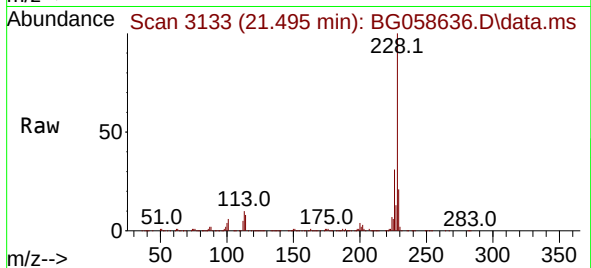
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS



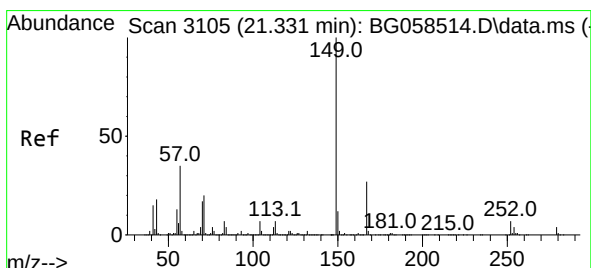
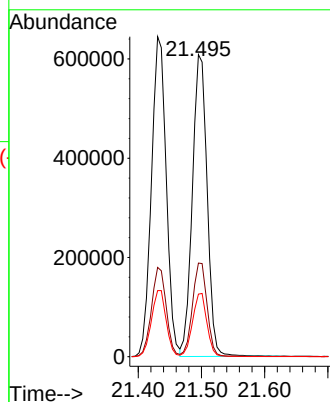
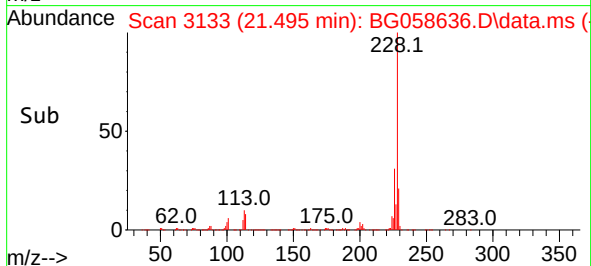
Tgt Ion:228 Resp: 985424

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.7	16.3	24.5

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.929 ng

RT: 21.337 min Scan# 3106

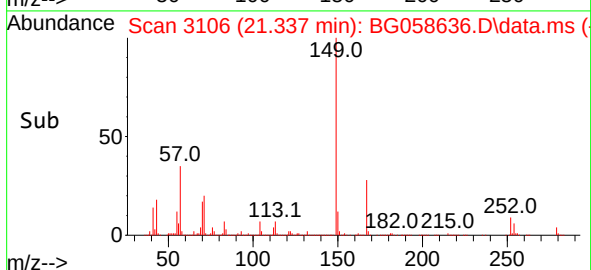
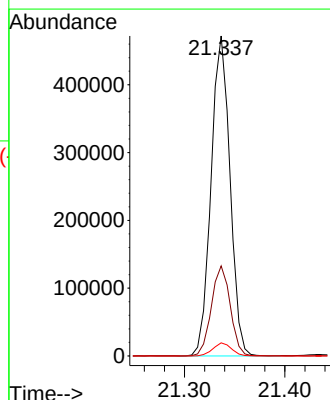
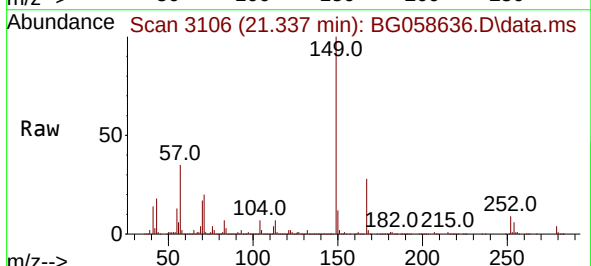
Delta R.T. 0.006 min

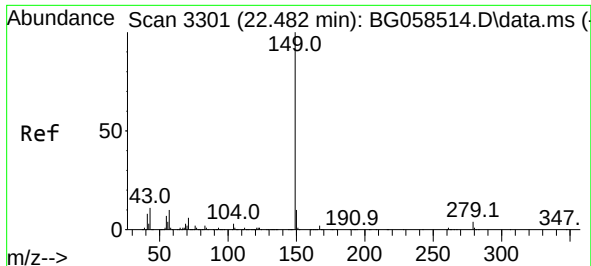
Lab File: BG058636.D

Acq: 8 Aug 2023 10:12

Tgt Ion:149 Resp: 619019

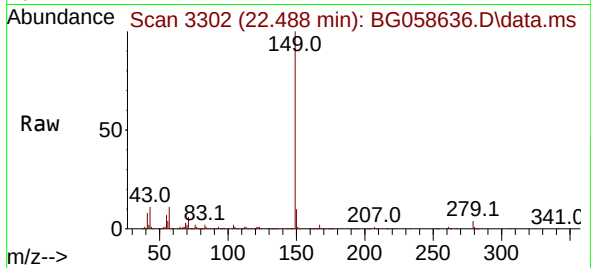
Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	4.1	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 47.459 ng
RT: 22.488 min Scan# 3301
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

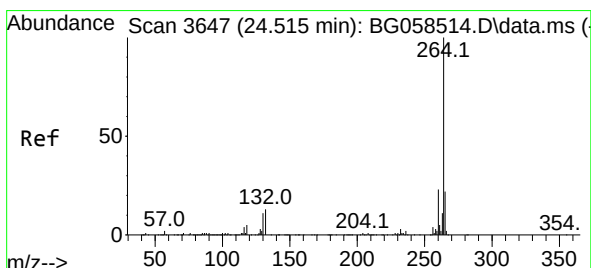
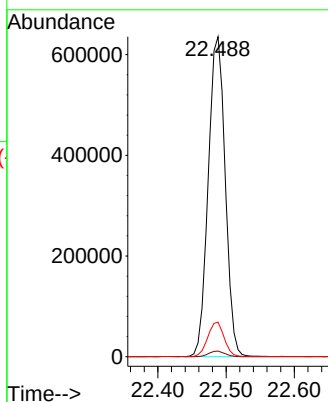
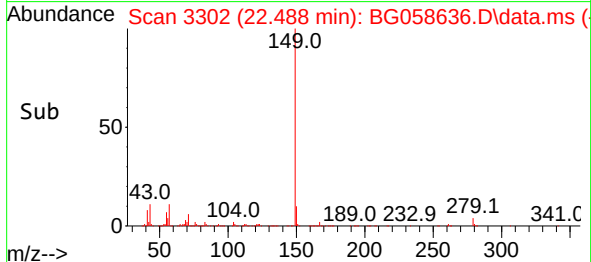
Instrument :
BNA_G
ClientSampleId :
PB154526BS



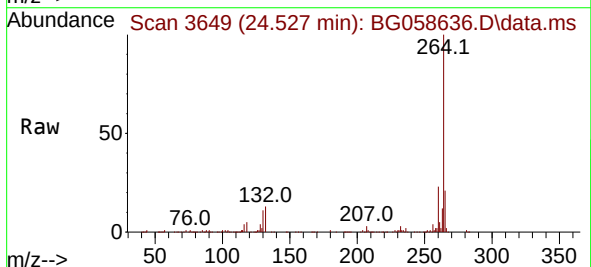
Tgt Ion:149 Resp: 1100608
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 8.2 12.2

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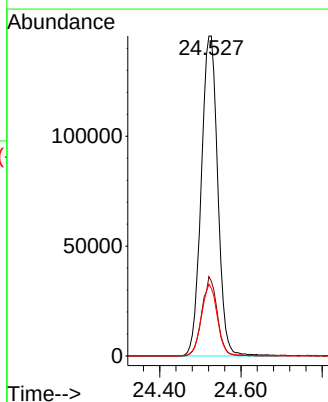
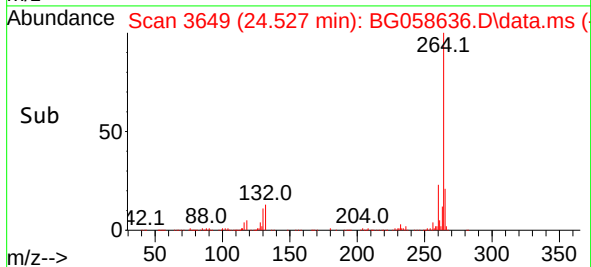
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

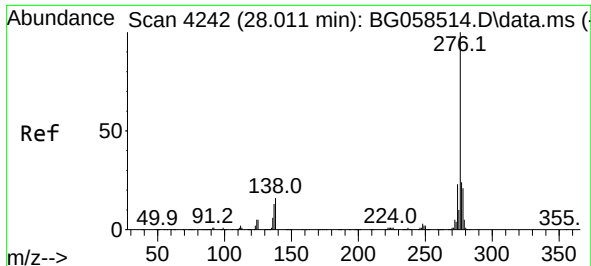


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.527 min Scan# 3649
Delta R.T. 0.012 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:264 Resp: 409959
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.1 17.9 26.9





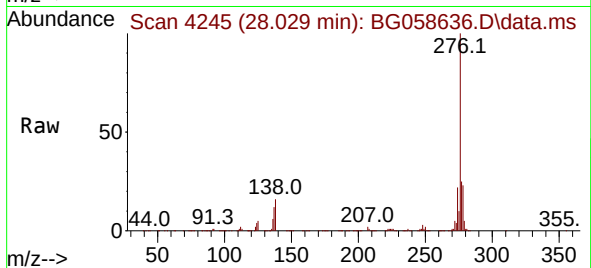
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.180 ng
RT: 28.029 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

Instrument :

BNA_G

ClientSampleId :

PB154526BS

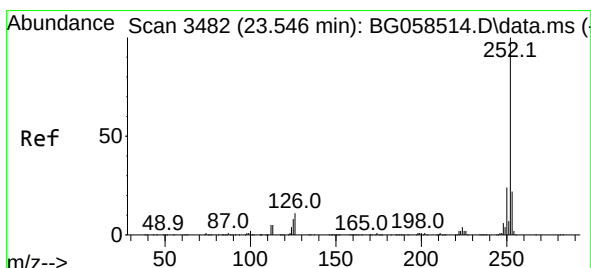
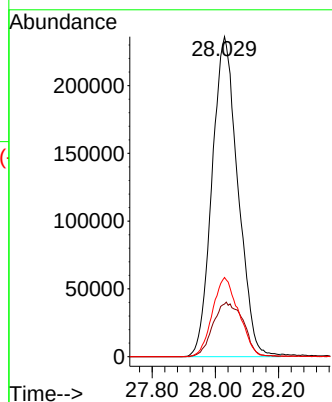
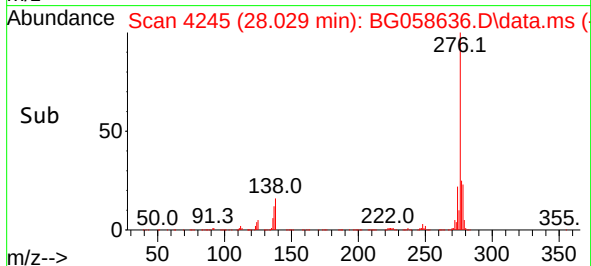


Tgt Ion:276 Resp: 1341304
Ion Ratio Lower Upper
276 100
138 19.9 16.0 24.0
277 25.3 20.4 30.6

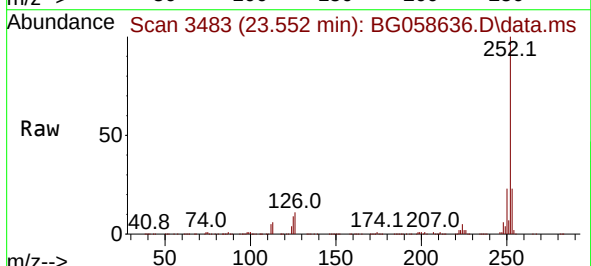
Manual Integrations

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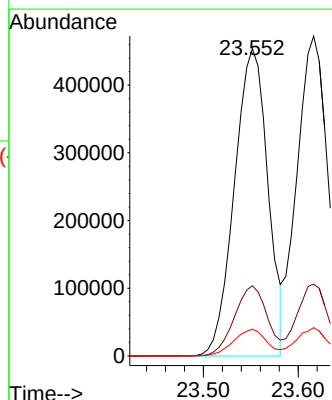
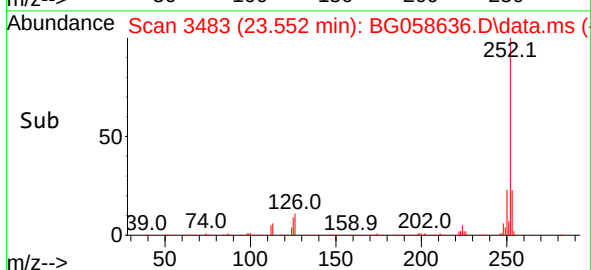
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

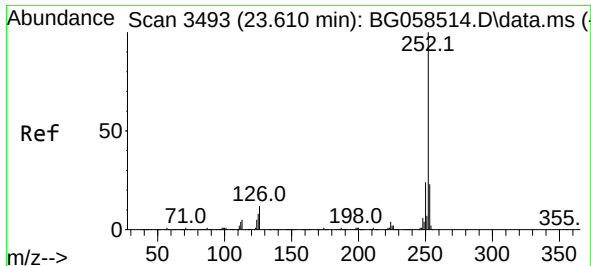


#88
Benzo(b)fluoranthene
Concen: 50.024 ng
RT: 23.552 min Scan# 3483
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



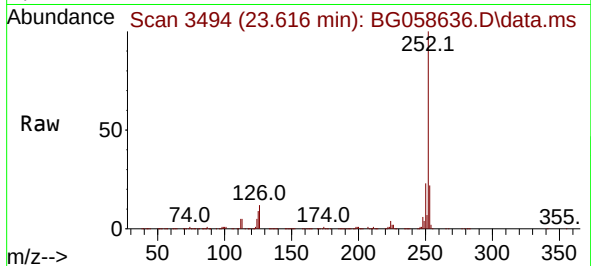
Tgt Ion:252 Resp: 1112297
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.8 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 48.609 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

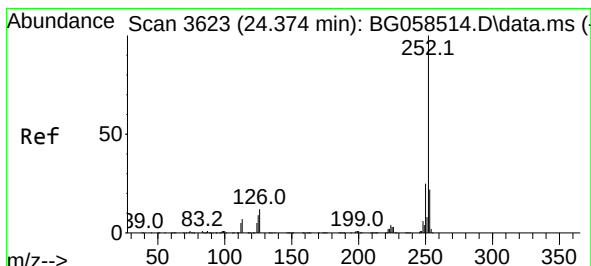
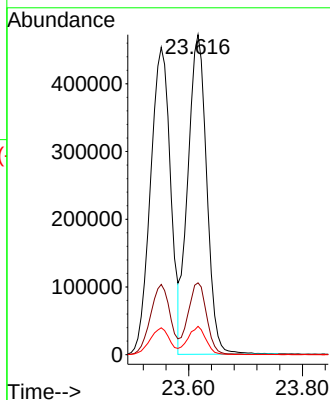
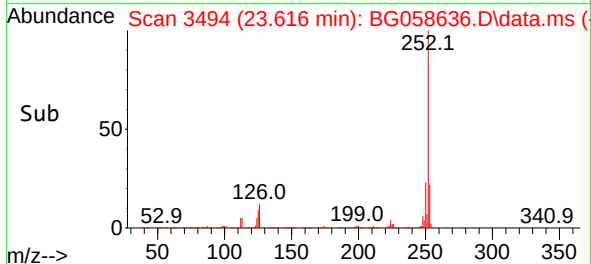
Instrument :
BNA_G
ClientSampleId :
PB154526BS



Tgt Ion:252 Resp: 1085814
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.8 6.6 10.0

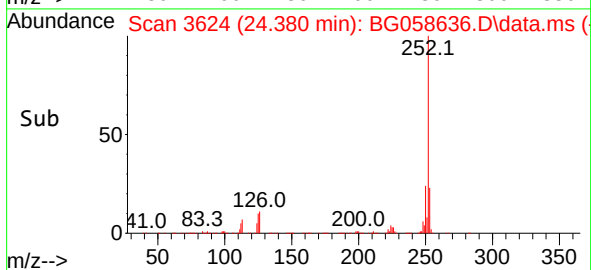
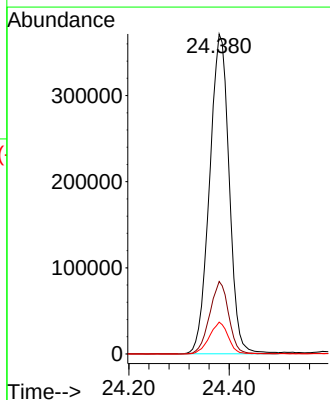
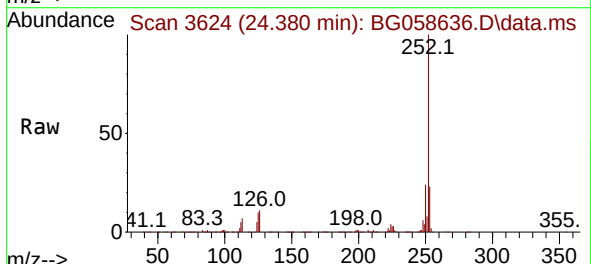
Manual Integrations
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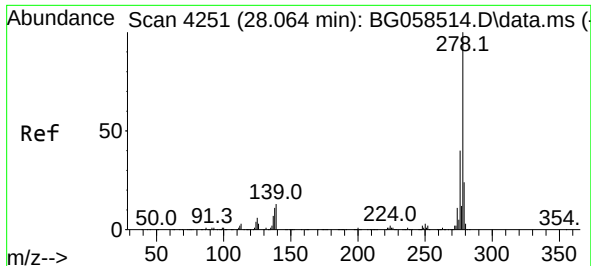
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#90
Benzo(a)pyrene
Concen: 46.037 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

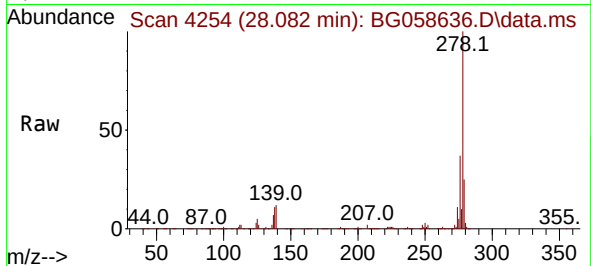
Tgt Ion:252 Resp: 1005292
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.492 ng
RT: 28.082 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12

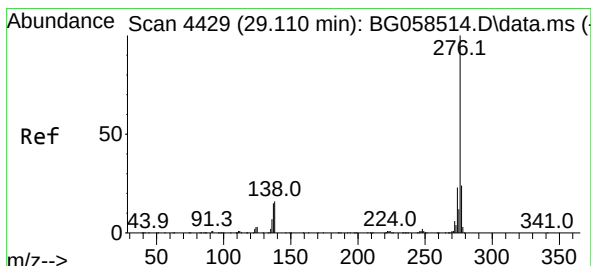
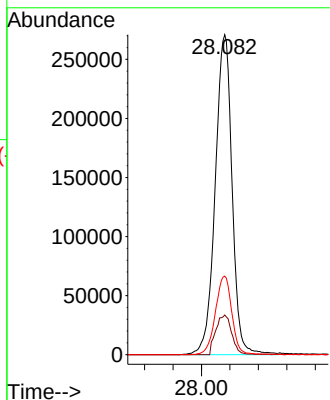
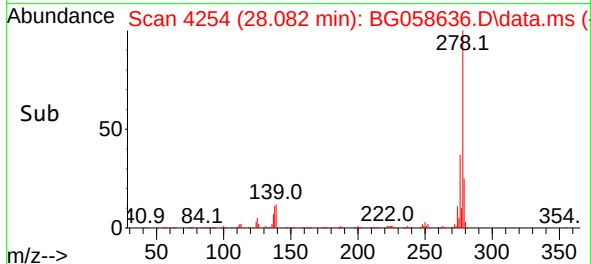
Instrument :
BNA_G
ClientSampleId :
PB154526BS



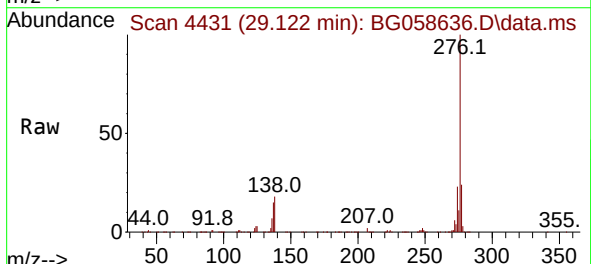
Tgt Ion:278 Resp: 111609
Ion Ratio Lower Upper
278 100
139 12.4 10.4 15.6
279 24.5 19.0 28.6

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



#92
Benzo(g,h,i)perylene
Concen: 48.398 ng
RT: 29.122 min Scan# 4431
Delta R.T. 0.012 min
Lab File: BG058636.D
Acq: 8 Aug 2023 10:12



Tgt Ion:276 Resp: 1094431
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 17.7 13.0 19.4

