

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058811.D
 Acq On : 22 Aug 2023 17:06
 Operator : MA/JU
 Sample : 04090-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-LMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 16:50:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	25582	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	110912	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	81083	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	199860	20.000	ng	0.00
76) Chrysene-d12	21.448	240	176474	20.000	ng	0.00
86) Perylene-d12	24.515	264	223431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	145414	91.474	ng	0.00
7) Phenol-d6	6.983	99	203687	91.326	ng	0.00
23) Nitrobenzene-d5	8.975	82	116281	50.405	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	107228	84.341	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	246243	44.171	ng	0.00
79) Terphenyl-d14	19.821	244	500753	50.951	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	25756	34.462	ng	97
3) Pyridine	3.657	79	62823	31.809	ng	95
4) n-Nitrosodimethylamine	3.581	42	41552	38.699	ng	96
6) Aniline	7.136	93	85121	31.221	ng	97
8) 2-Chlorophenol	7.371	128	74215	46.173	ng	99
9) Benzaldehyde	6.947	77	31637m	25.288	ng	
10) Phenol	7.006	94	101646	47.263	ng	98
11) bis(2-Chloroethyl)ether	7.230	93	67263	40.082	ng	98
12) 1,3-Dichlorobenzene	7.694	146	73274	42.918	ng	100
13) 1,4-Dichlorobenzene	7.841	146	74100	42.920	ng	93
14) 1,2-Dichlorobenzene	8.158	146	72929	43.705	ng	100
15) Benzyl Alcohol	8.052	79	73339	45.991	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	150770	42.157	ng	100
17) 2-Methylphenol	8.258	107	67313	42.614	ng	98
18) Hexachloroethane	8.881	117	26943	42.832	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	56884	39.456	ng	97
20) 3+4-Methylphenols	8.587	107	91725	43.192	ng	97
22) Acetophenone	8.634	105	114693	38.201	ng	# 99
24) Nitrobenzene	9.016	77	86562	37.727	ng	96
25) Isophorone	9.533	82	168076	36.636	ng	99
26) 2-Nitrophenol	9.727	139	40805	42.522	ng	94
27) 2,4-Dimethylphenol	9.785	122	67856	41.723	ng	96
28) bis(2-Chloroethoxy)met...	10.020	93	94795	39.009	ng	99
29) 2,4-Dichlorophenol	10.261	162	72707	43.506	ng	98
30) 1,2,4-Trichlorobenzene	10.473	180	79507	39.398	ng	99
31) Naphthalene	10.655	128	219598	37.709	ng	99
32) Benzoic acid	9.962	122	39458	40.593	ng	94
33) 4-Chloroaniline	10.778	127	60345	24.570	ng	97
34) Hexachlorobutadiene	10.937	225	52395	38.469	ng	95
35) Caprolactam	11.560	113	24418m	40.775	ng	
36) 4-Chloro-3-methylphenol	11.906	107	87925	42.307	ng	97
37) 2-Methylnaphthalene	12.271	142	156174	37.339	ng	100
38) 1-Methylnaphthalene	12.494	142	149315	37.607	ng	97
40) 1,2,4,5-Tetrachloroben...	12.647	216	92340	36.941	ng	99
41) Hexachlorocyclopentadiene	12.617	237	80373	81.543	ng	99
43) 2,4,6-Trichlorophenol	12.888	196	66596	41.870	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	69183	36.323	ng	98
46) 1,1'-Biphenyl	13.287	154	210413	37.670	ng	98
47) 2-Chloronaphthalene	13.328	162	167888	38.569	ng	99
48) 2-Nitroaniline	13.546	65	64165	38.813	ng	98
49) Acenaphthylene	14.180	152	276299	38.276	ng	99
50) Dimethylphthalate	13.916	163	230585	36.729	ng	99
51) 2,6-Dinitrotoluene	14.039	165	52340	39.683	ng	93
52) Acenaphthene	14.521	154	156905	37.196	ng	99
53) 3-Nitroaniline	14.374	138	35633	28.011	ng #	90
54) 2,4-Dinitrophenol	14.591	184	57995	78.787	ng	95
55) Dibenzofuran	14.856	168	274223	37.685	ng	99
56) 4-Nitrophenol	14.697	139	77186	83.657	ng	92
57) 2,4-Dinitrotoluene	14.832	165	73817	40.126	ng	97
58) Fluorene	15.508	166	220646	38.102	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.085	232	67136	43.195	ng	96
60) Diethylphthalate	15.273	149	241532	37.314	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	121066	37.718	ng	99
62) 4-Nitroaniline	15.537	138	53423	41.382	ng	95
63) Azobenzene	15.790	77	224171	37.716	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	44984	39.819	ng	100
66) n-Nitrosodiphenylamine	15.714	169	198877	38.608	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	82716	37.715	ng	98
68) Hexachlorobenzene	16.513	284	95707	40.547	ng	98
69) Atrazine	16.666	200	84472	46.337	ng	97
70) Pentachlorophenol	16.859	266	83084	67.126	ng	97
71) Phenanthrene	17.247	178	371442	38.713	ng	99
72) Anthracene	17.335	178	375392	39.010	ng	100
73) Carbazole	17.611	167	354548	40.234	ng	99
74) Di-n-butylphthalate	18.158	149	438278	39.426	ng	100
75) Fluoranthene	19.262	202	459158	38.590	ng	99
77) Benzidine	19.450	184	176843	55.914	ng	96
78) Pyrene	19.627	202	466576	37.945	ng	98
80) Butylbenzylphthalate	20.508	149	197246	39.553	ng	97
81) Benzo(a)anthracene	21.425	228	477892	38.903	ng	99
82) 3,3'-Dichlorobenzidine	21.348	252	135152	31.868	ng	99
83) Chrysene	21.489	228	441624	37.298	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	283447	38.753	ng	99
85) Di-n-octyl phthalate	22.476	149	501638	39.875	ng	99
87) Indeno(1,2,3-cd)pyrene	28.017	276	598614	39.600	ng #	93
88) Benzo(b)fluoranthene	23.540	252	505977	40.814	ng	98
89) Benzo(k)fluoranthene	23.610	252	480492	37.582	ng	99
90) Benzo(a)pyrene	24.374	252	449678	36.838	ng	99
91) Dibenzo(a,h)anthracene	28.070	278	494048	39.774	ng	99
92) Benzo(g,h,i)perylene	29.110	276	484696	39.028	ng	97

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

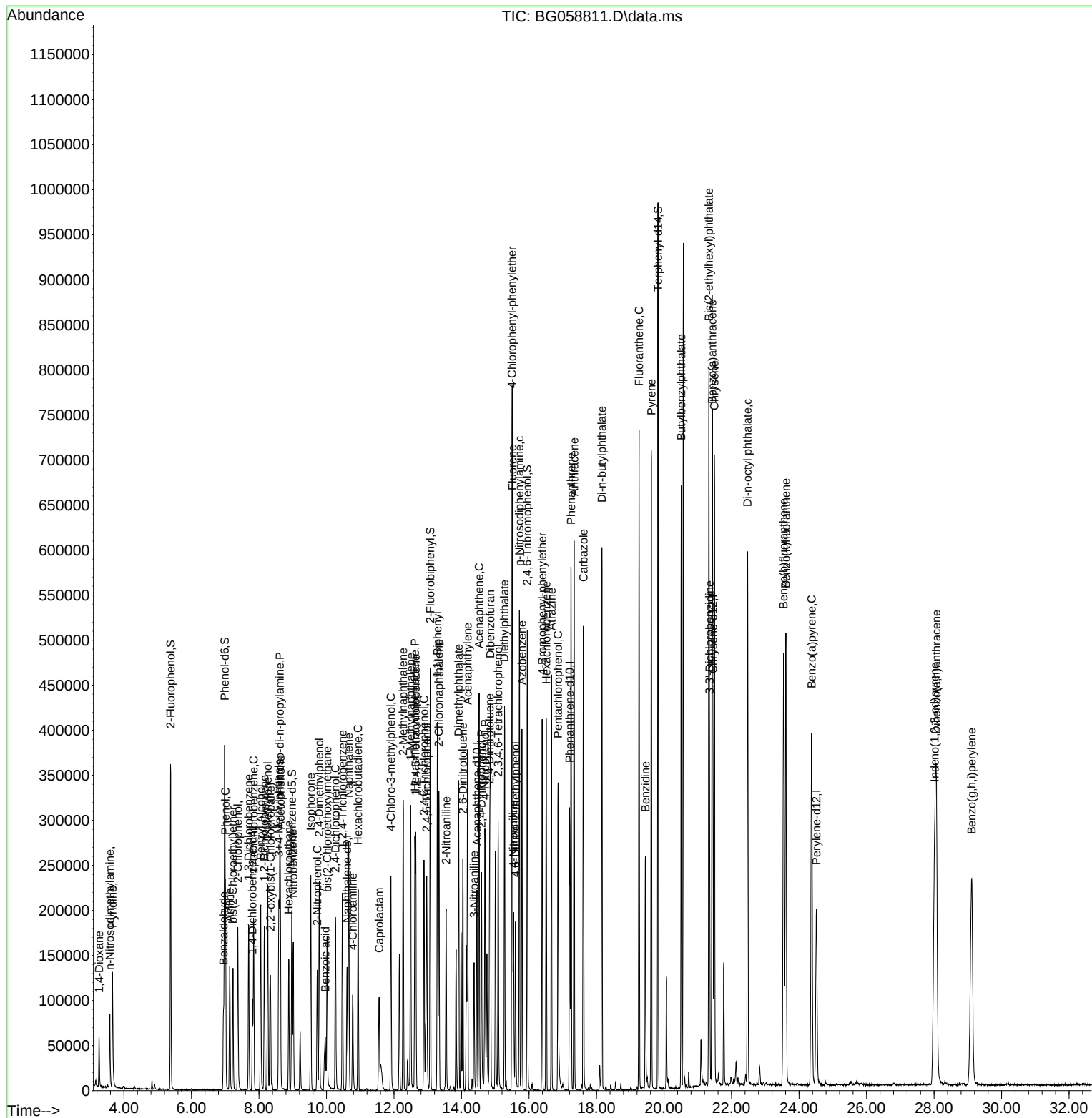
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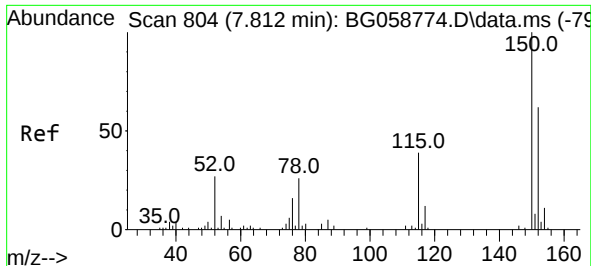
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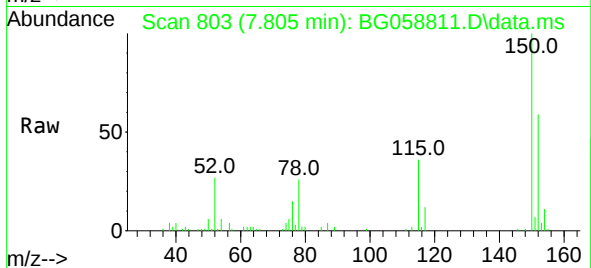
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

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ClientSampleId :

TP-LMSD

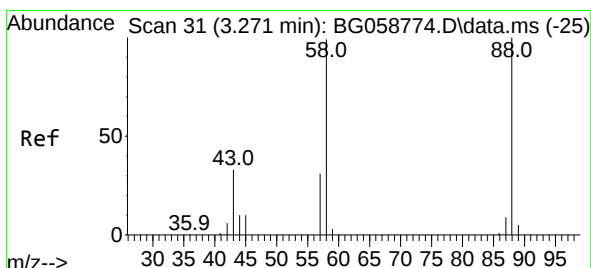
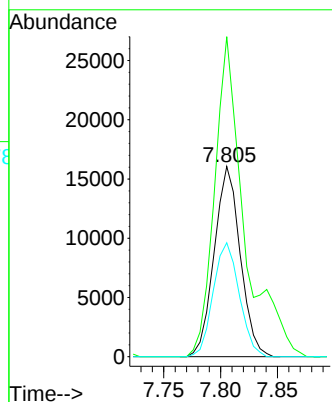
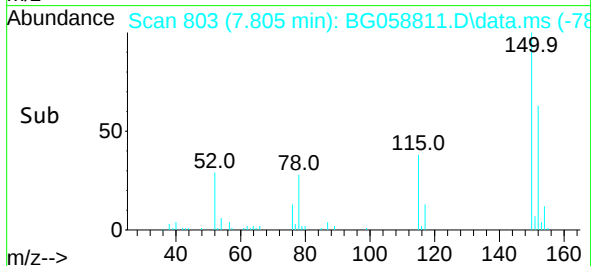


Tgt Ion:152 Resp: 2558
Ion Ratio Lower Upper
152 100
150 168.3 128.6 192.8
115 59.9 50.4 75.6

Manual Integrations

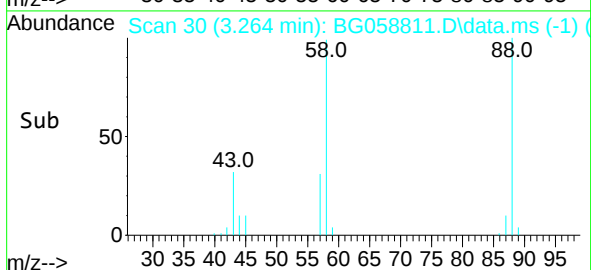
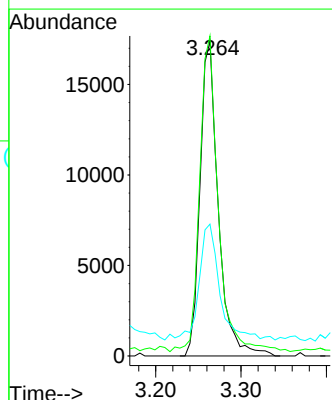
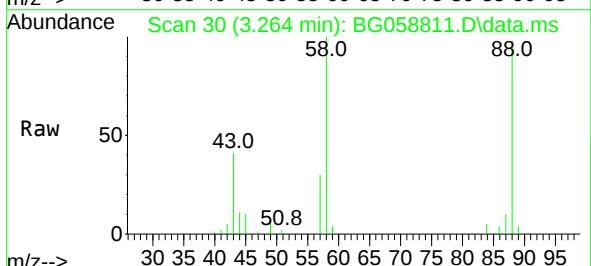
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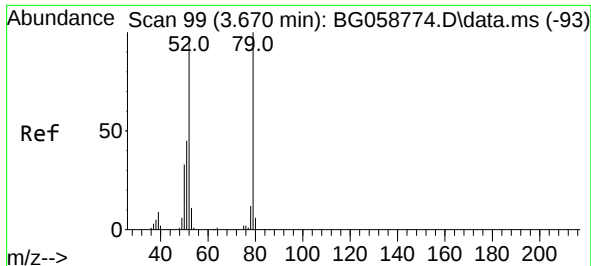
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#2
1,4-Dioxane
Concen: 34.462 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

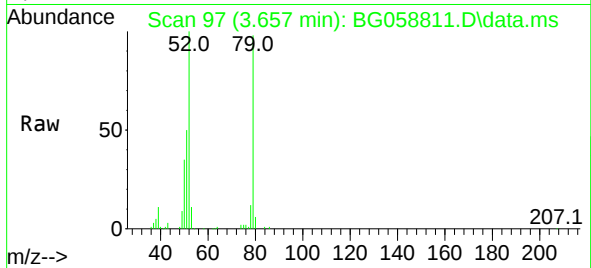
Tgt Ion: 88 Resp: 25756
Ion Ratio Lower Upper
88 100
58 101.9 82.8 124.2
43 41.9 30.1 45.1





#3
Pyridine
Concen: 31.809 ng
RT: 3.657 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

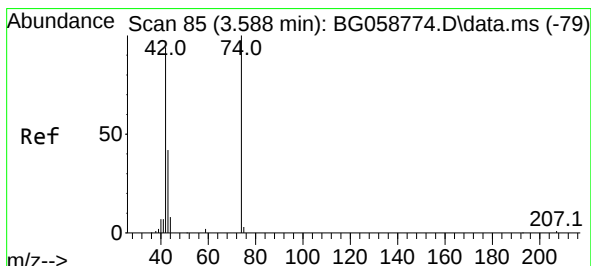
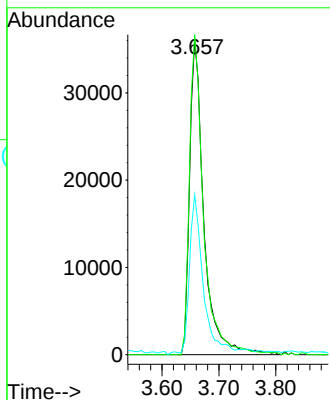
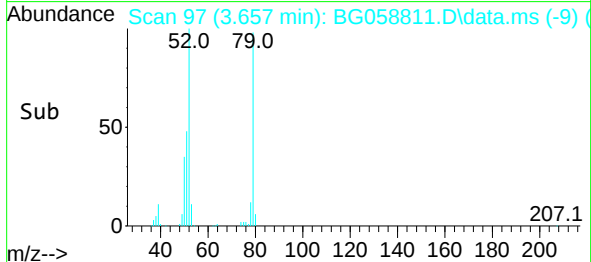
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ClientSampleId :
TP-LMSD



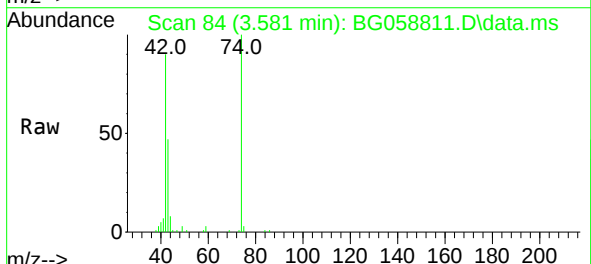
Tgt Ion: 79 Resp: 6282
Ion Ratio Lower Upper
79 100
52 102.0 77.6 116.4
51 50.9 37.5 56.3

Manual Integrations
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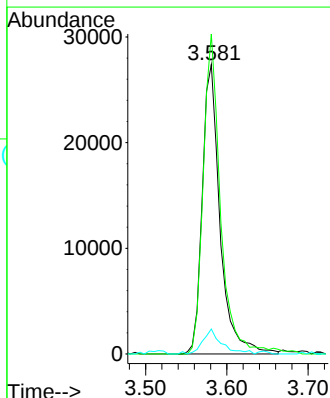
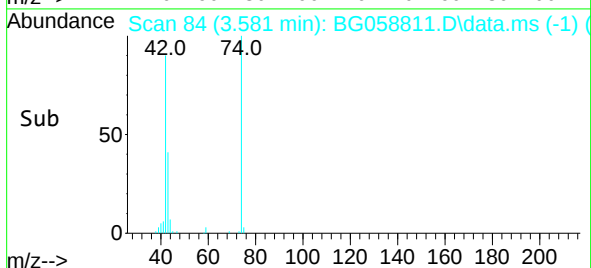
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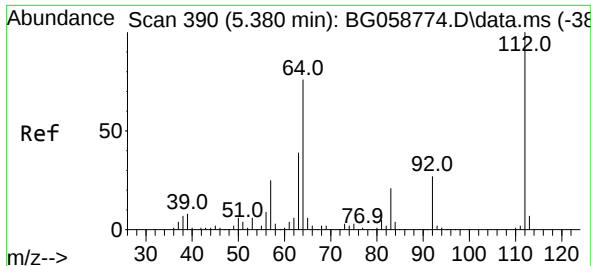


#4
n-Nitrosodimethylamine
Concen: 38.699 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion: 42 Resp: 41552
Ion Ratio Lower Upper
42 100
74 110.6 85.1 127.7
44 8.6 6.9 10.3





#5
2-Fluorophenol
Concen: 91.474 ng
RT: 5.385 min Scan# 390
Delta R.T. 0.005 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

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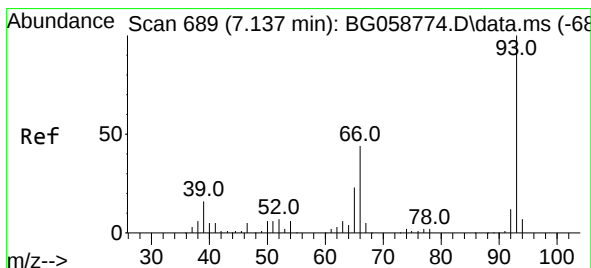
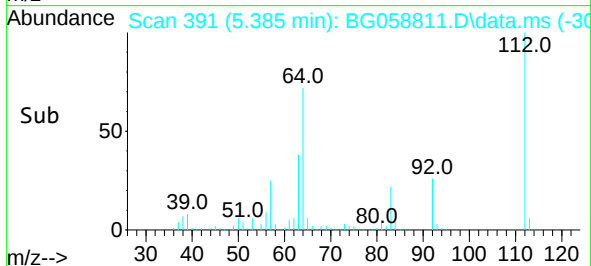
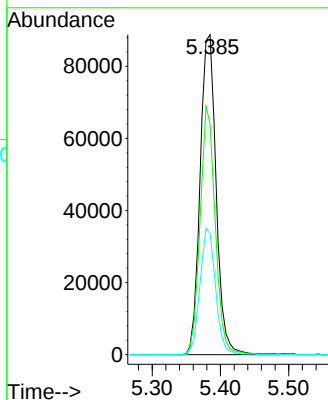
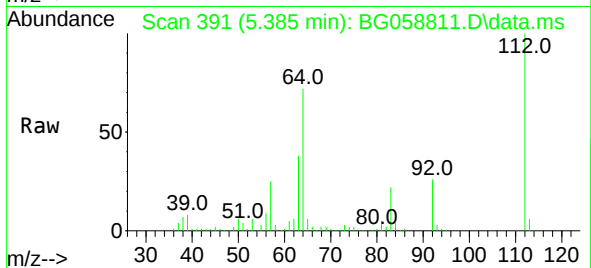
TP-LMSD

Tgt Ion:112 Resp: 145414
Ion Ratio Lower Upper
112 100
64 72.2 60.6 90.8
63 38.0 31.0 46.4

Manual Integrations

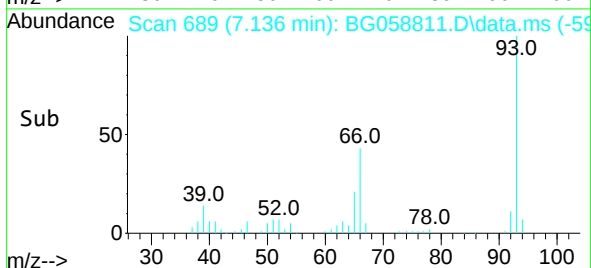
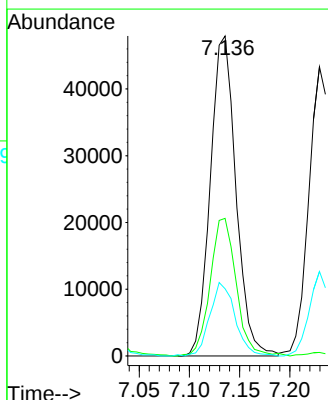
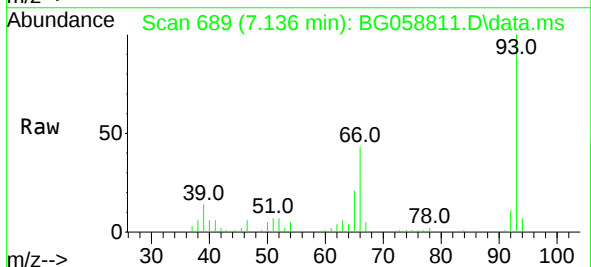
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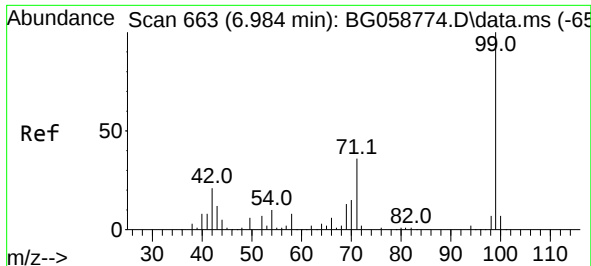
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#6
Aniline
Concen: 31.221 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.001 min
Lab File: BG058811.D
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Tgt Ion: 93 Resp: 85121
Ion Ratio Lower Upper
93 100
66 43.0 35.7 53.5
65 21.0 18.2 27.2





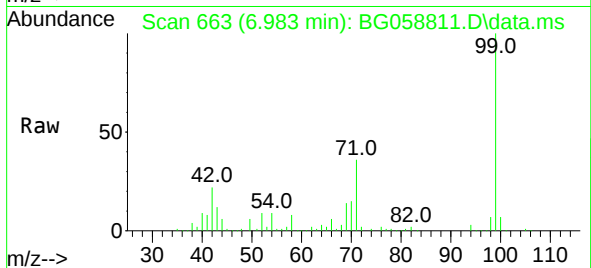
#7
Phenol-d6
Concen: 91.326 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058811.D
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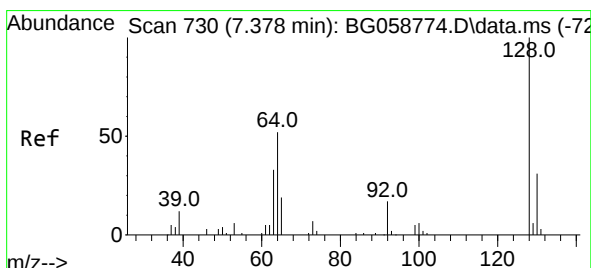
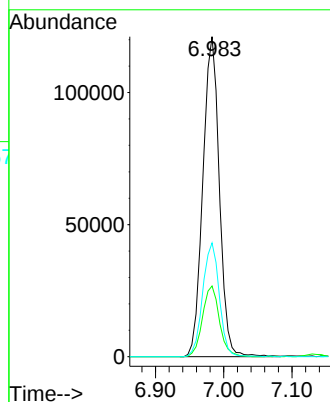
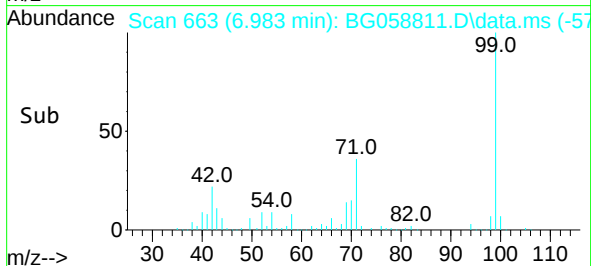


Tgt Ion: 99 Resp: 20368
Ion Ratio Lower Upper
99 100
42 22.1 16.5 24.7
71 35.5 28.4 42.6

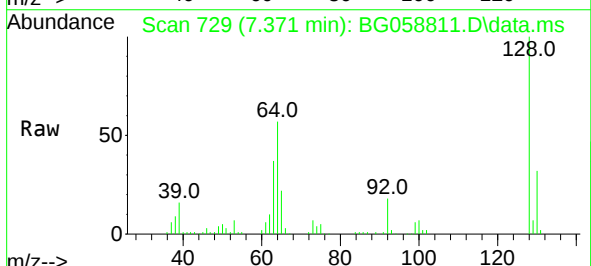
Manual Integrations

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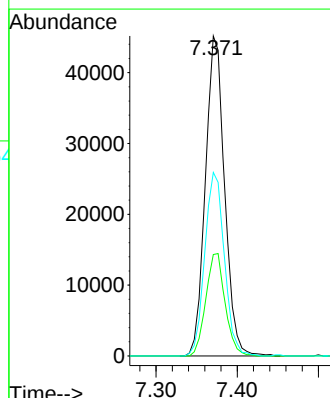
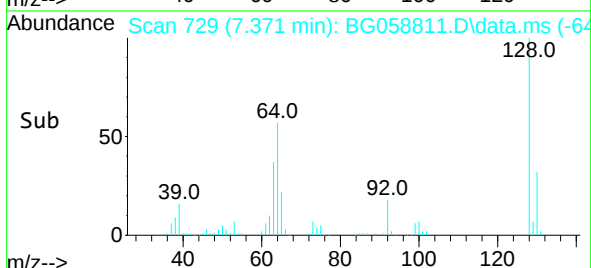
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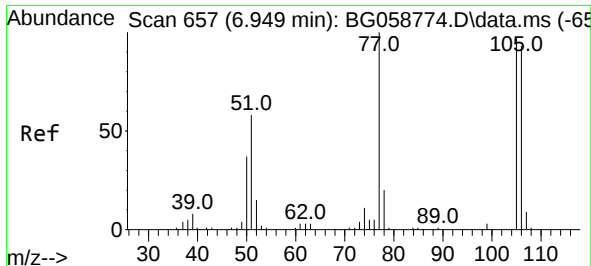


#8
2-Chlorophenol
Concen: 46.173 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.007 min
Lab File: BG058811.D
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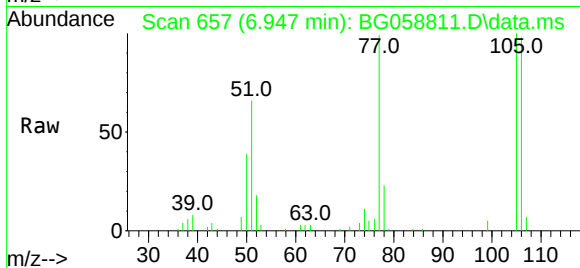
Tgt Ion:128 Resp: 74215
Ion Ratio Lower Upper
128 100
130 31.7 10.9 50.9
64 57.3 38.4 78.4





#9
Benzaldehyde
Concen: 25.288 ng m
RT: 6.947 min Scan# 657
Delta R.T. -0.001 min
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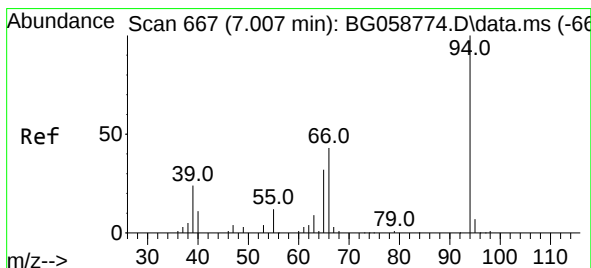
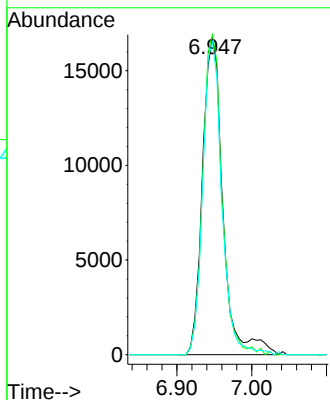
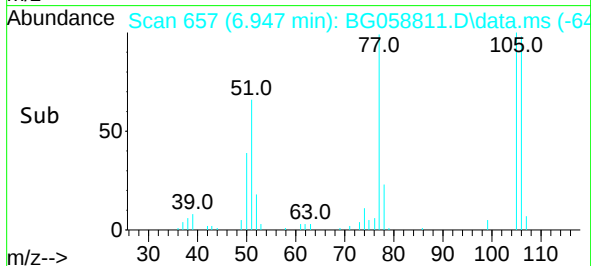
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Tgt Ion: 77 Resp: 3163
Ion Ratio Lower Upper
77 100
105 100.7 76.7 116.7
106 98.5 73.4 113.4

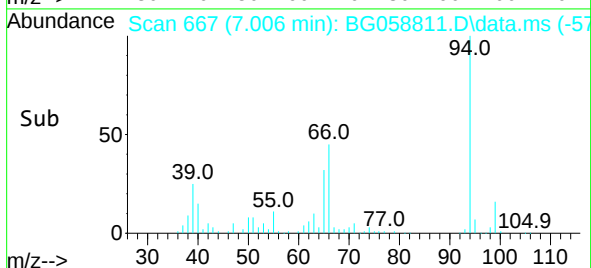
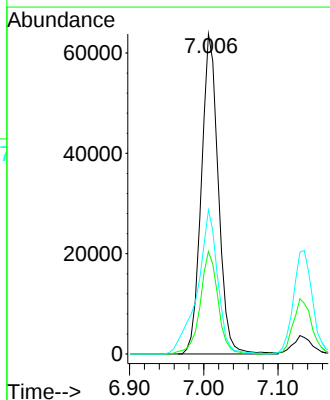
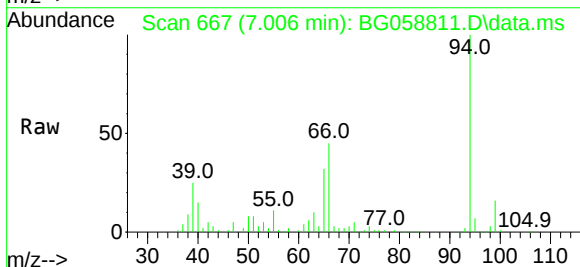
Manual Integrations
APPROVED

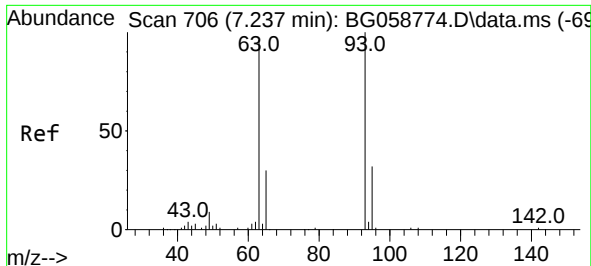
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Phenol
Concen: 47.263 ng
RT: 7.006 min Scan# 667
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion: 94 Resp: 101646
Ion Ratio Lower Upper
94 100
65 32.1 12.6 52.6
66 45.0 26.6 66.6





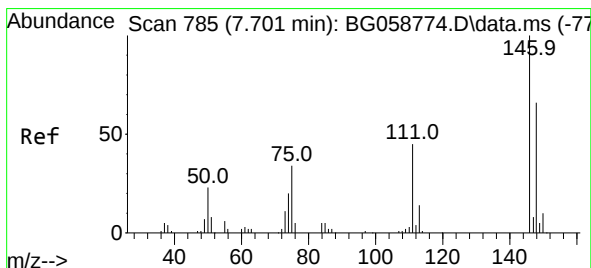
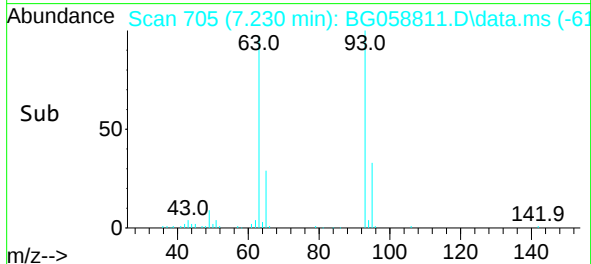
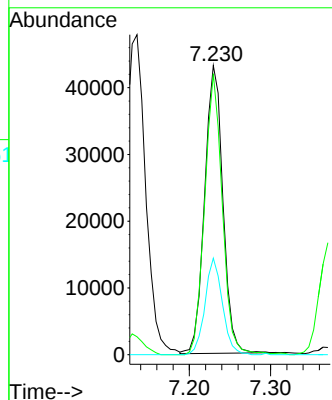
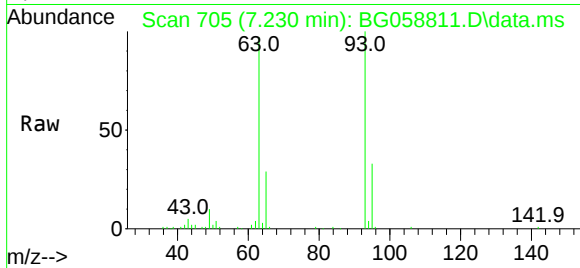
#11
bis(2-Chloroethyl)ether
Concen: 40.082 ng
RT: 7.230 min Scan# 706
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :
BNA_G
ClientSampleId :
TP-LMSD

Tgt Ion: 93 Resp: 6726
Ion Ratio Lower Upper
93 100
63 97.2 74.8 114.8
95 33.4 12.1 52.1

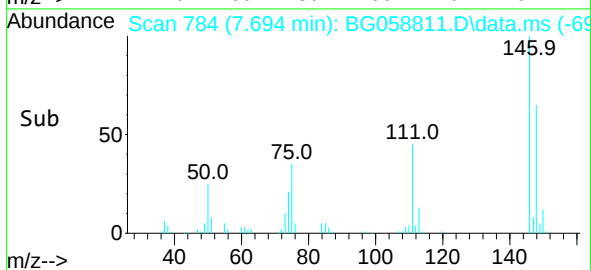
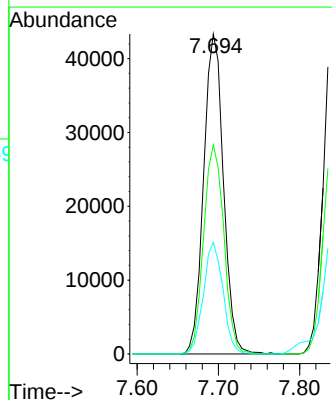
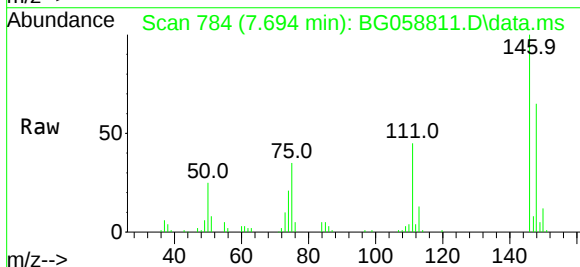
Manual Integrations
APPROVED

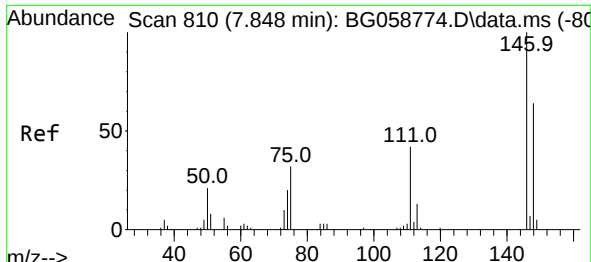
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#12
1,3-Dichlorobenzene
Concen: 42.918 ng
RT: 7.694 min Scan# 784
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion:146 Resp: 73274
Ion Ratio Lower Upper
146 100
148 65.4 52.4 78.6
75 34.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.920 ng

RT: 7.841 min Scan# 809

Delta R.T. -0.007 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

Tgt Ion:146 Resp: 74100

Ion Ratio Lower Upper

146 100

148 72.0 51.3 76.9

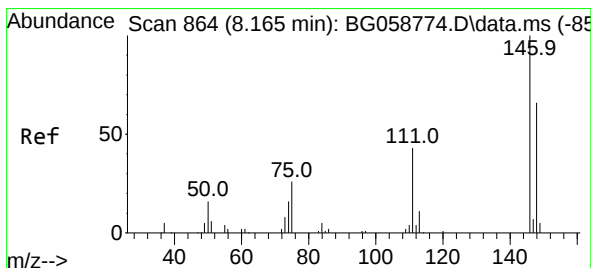
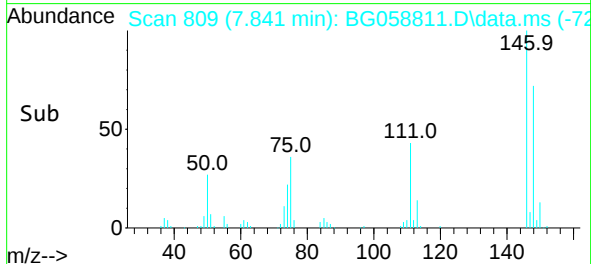
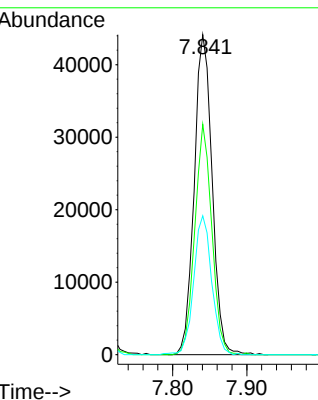
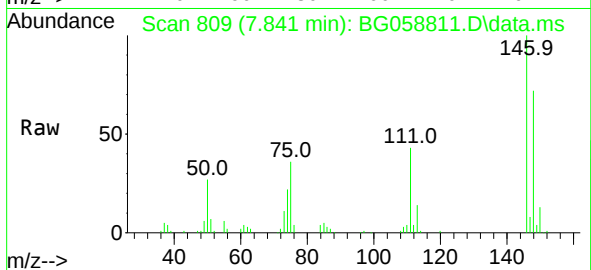
111 43.4 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#14

1,2-Dichlorobenzene

Concen: 43.705 ng

RT: 8.158 min Scan# 863

Delta R.T. -0.007 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

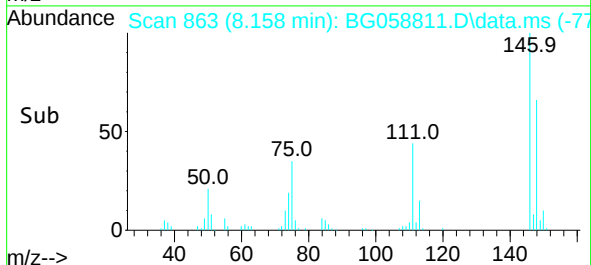
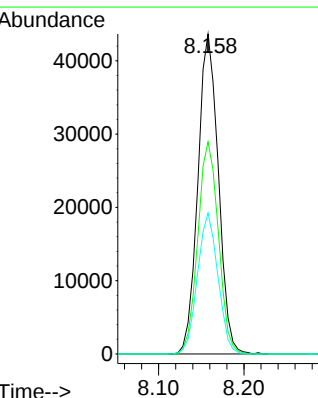
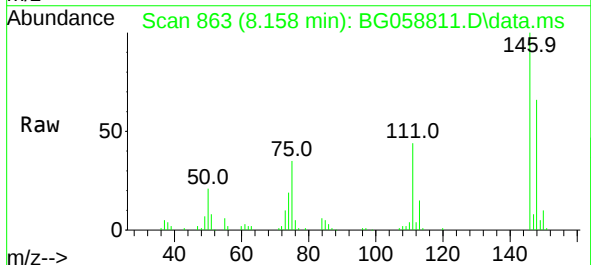
Tgt Ion:146 Resp: 72929

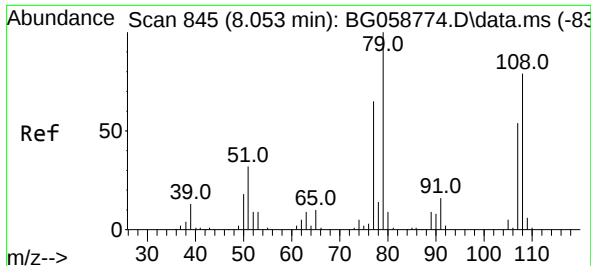
Ion Ratio Lower Upper

146 100

148 66.3 52.9 79.3

111 44.0 35.5 53.3





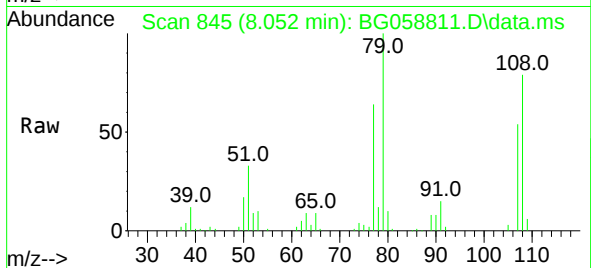
#15
Benzyl Alcohol
Concen: 45.991 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

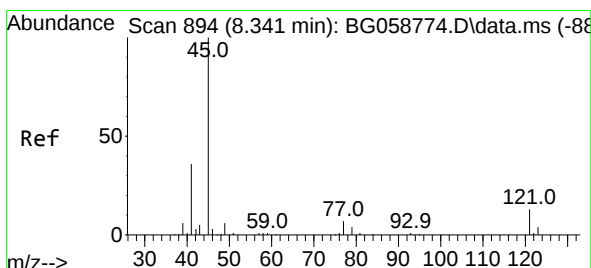
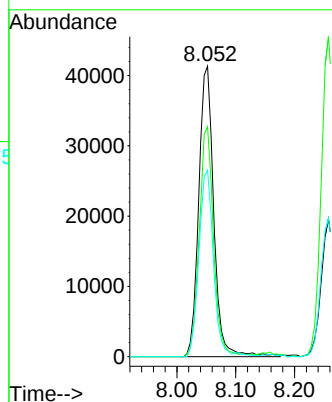
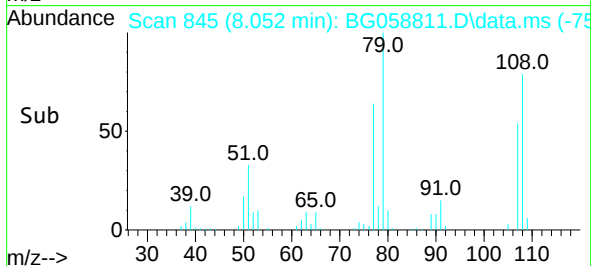


Tgt Ion: 79 Resp: 73339
Ion Ratio Lower Upper
79 100
108 79.2 63.4 95.0
77 64.2 52.2 78.2

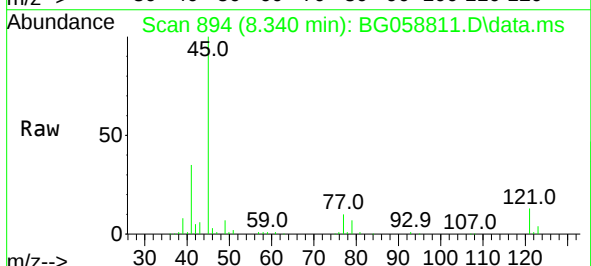
Manual Integrations

APPROVED

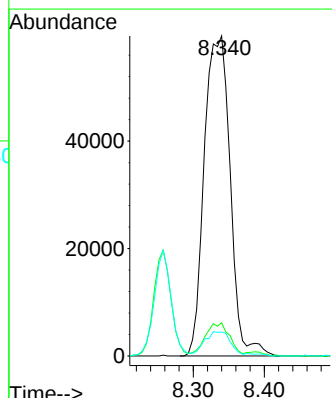
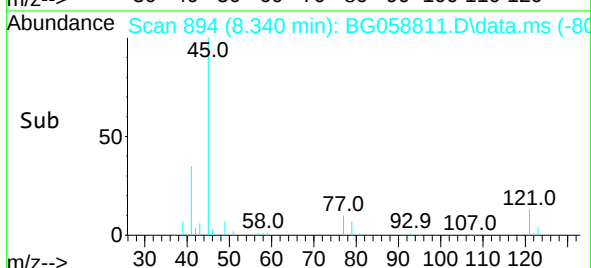
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

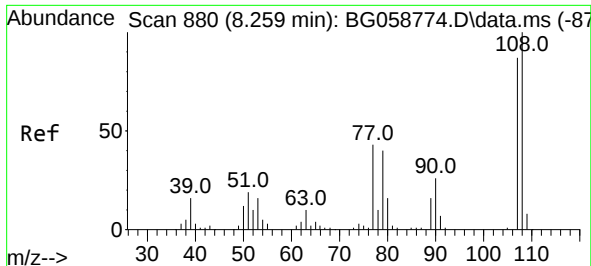


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.157 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion: 45 Resp: 150770
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.3
79 7.4 0.0 27.7





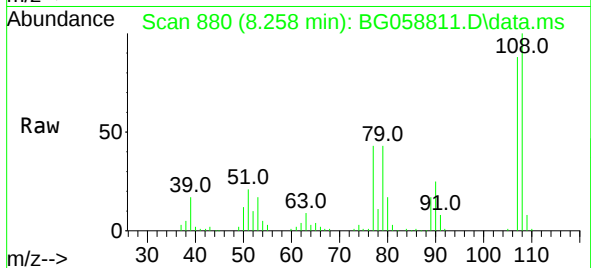
#17
2-Methylphenol
Concen: 42.614 ng
RT: 8.258 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

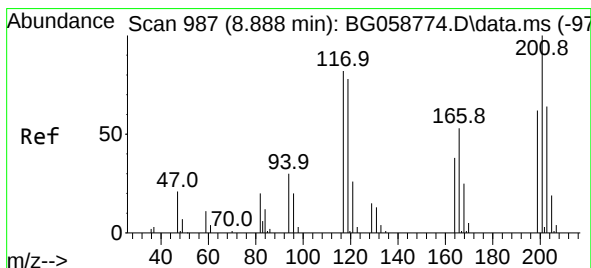
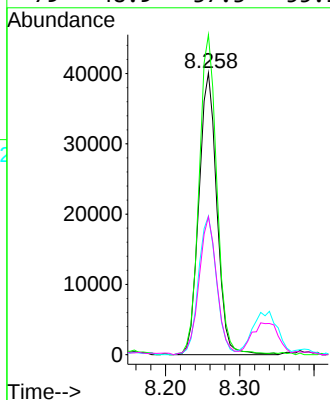
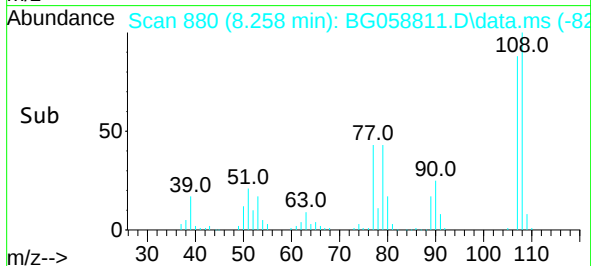


Tgt Ion:107 Resp: 6731
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.2
77 49.2 40.0 60.0
79 48.9 37.3 55.9

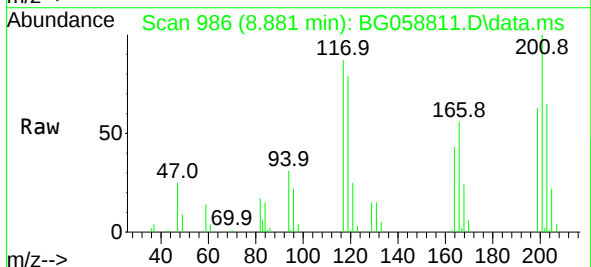
Manual Integrations

APPROVED

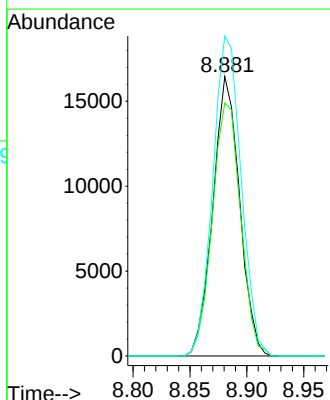
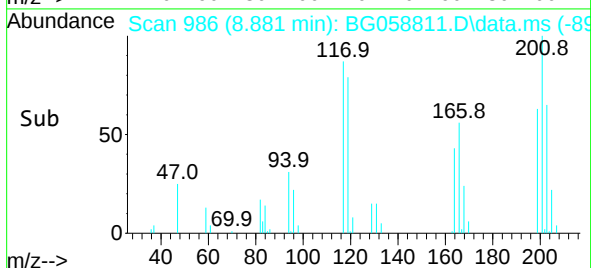
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

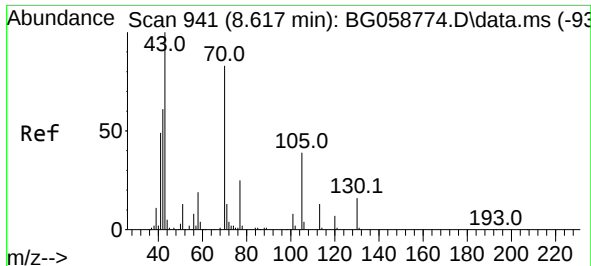


#18
Hexachloroethane
Concen: 42.832 ng
RT: 8.881 min Scan# 986
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:117 Resp: 26943
Ion Ratio Lower Upper
117 100
119 90.5 76.6 115.0
201 114.5 97.0 145.6





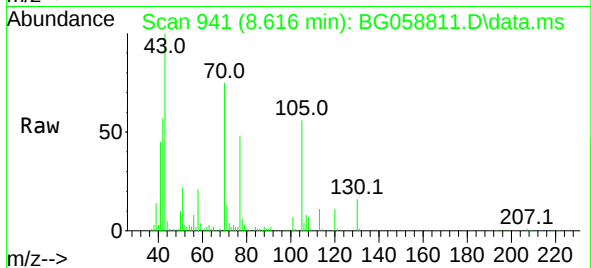
#19
n-Nitroso-di-n-propylamine
Concen: 39.456 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

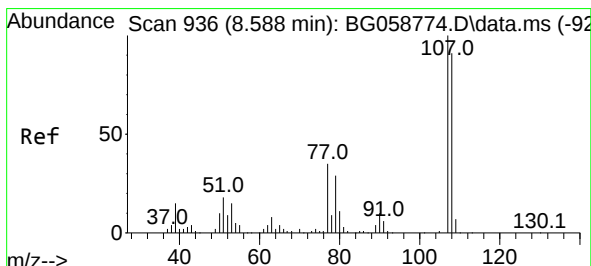
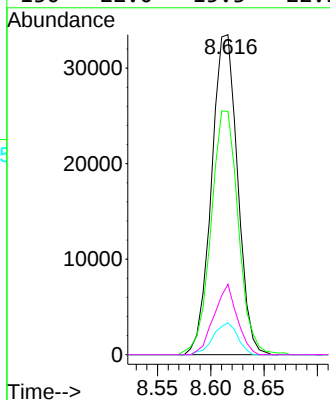
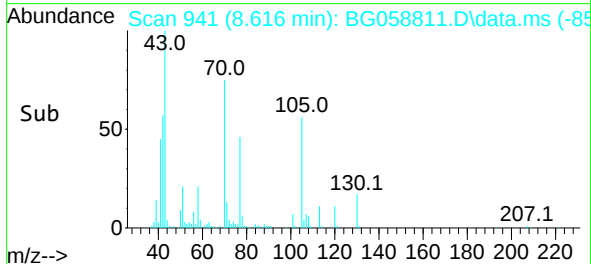
TP-LMSD



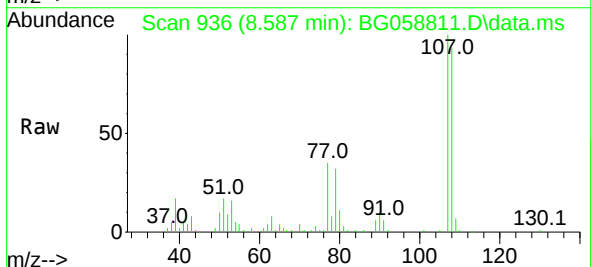
Tgt Ion: 70 Resp: 56884
Ion Ratio Lower Upper
70 100
42 76.1 59.2 88.8
101 10.0 8.2 12.2
130 22.0 15.3 22.9

Manual Integrations
APPROVED

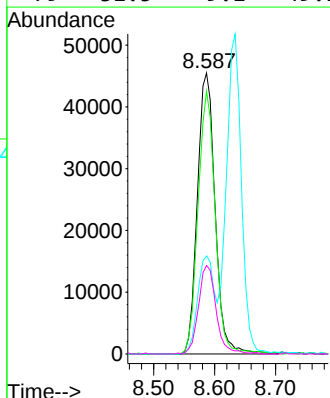
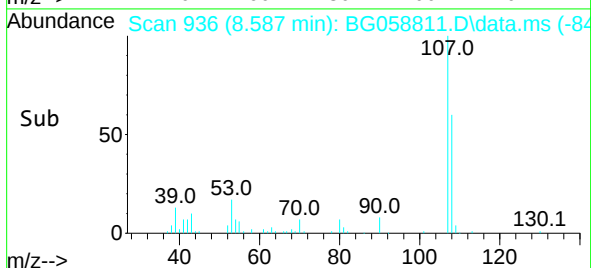
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

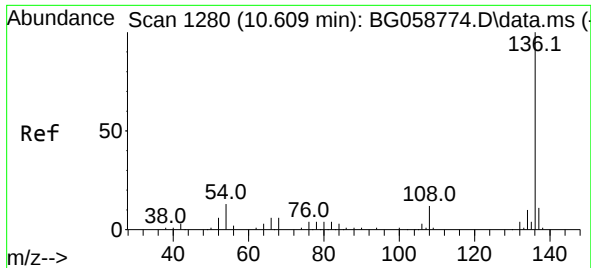


#20
3+4-Methylphenols
Concen: 43.192 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:107 Resp: 91725
Ion Ratio Lower Upper
107 100
108 93.5 70.6 110.6
77 34.9 14.8 54.8
79 31.5 9.1 49.1





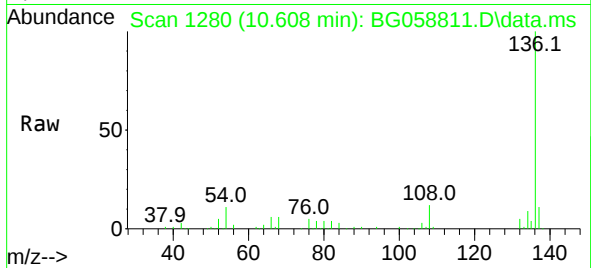
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11091
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

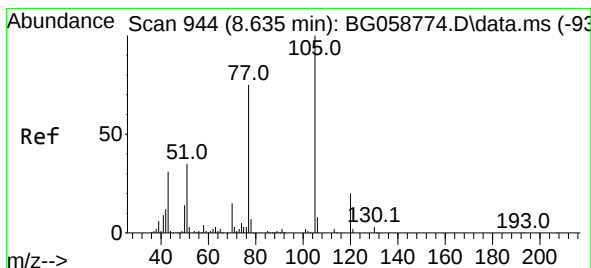
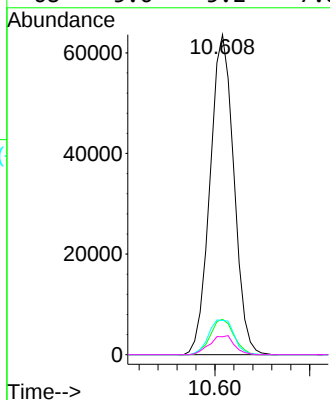
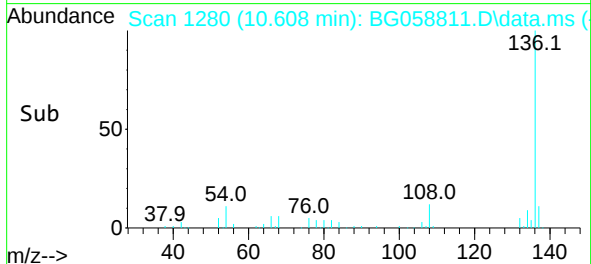


Tgt Ion:136 Resp: 11091
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.7 10.1 15.1
68 5.6 5.2 7.8

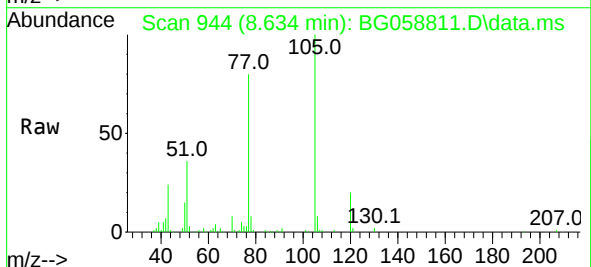
Manual Integrations

APPROVED

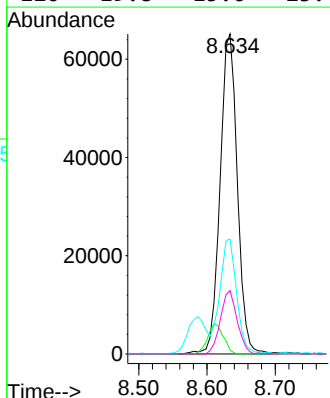
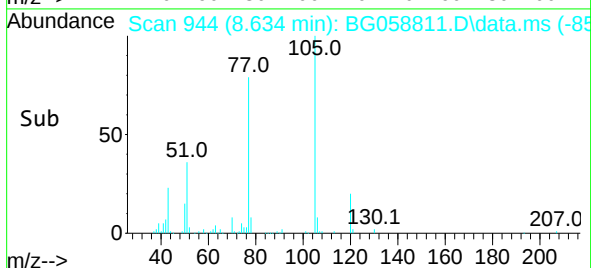
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

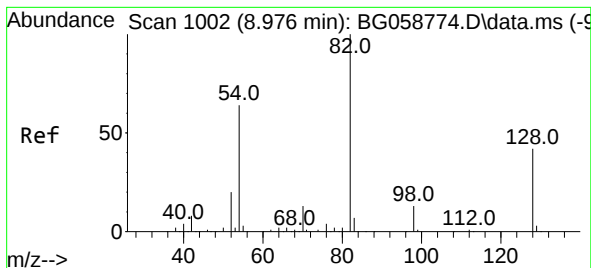


#22
Acetophenone
Concen: 38.201 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:105 Resp: 114693
Ion Ratio Lower Upper
105 100
71 1.3 2.2 3.2#
51 35.9 28.5 42.7
120 19.8 15.6 23.4





#23

Nitrobenzene-d5

Concen: 50.405 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

Tgt Ion: 82 Resp: 11628

Ion Ratio Lower Upper

82 100

128 39.3 33.2 49.8

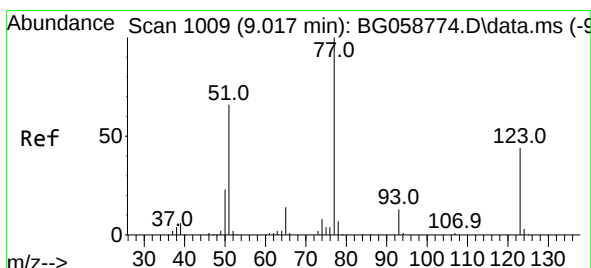
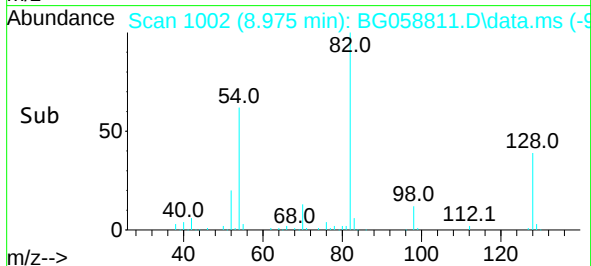
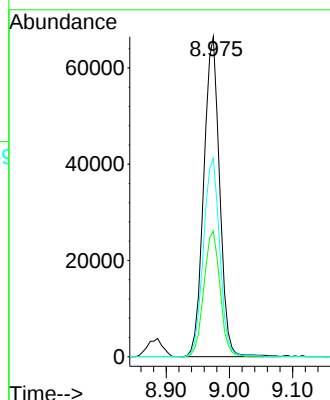
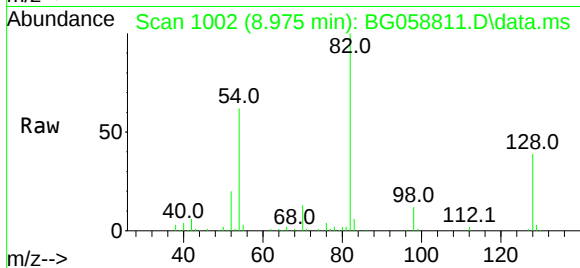
54 61.9 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#24

Nitrobenzene

Concen: 37.727 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

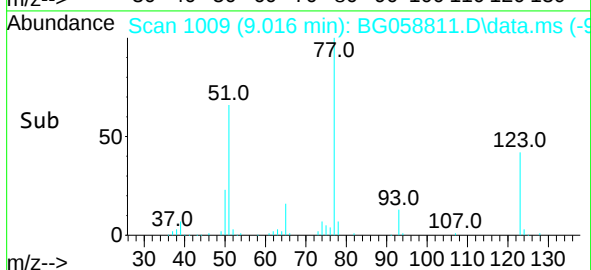
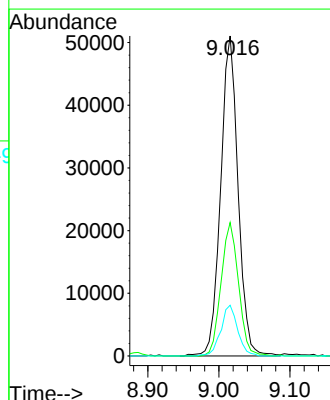
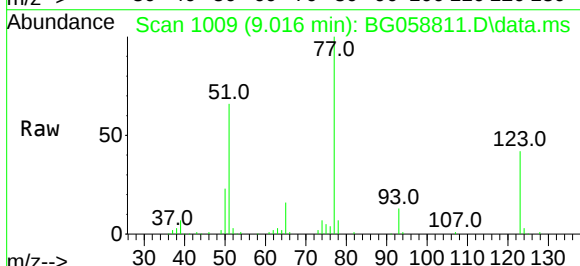
Tgt Ion: 77 Resp: 86562

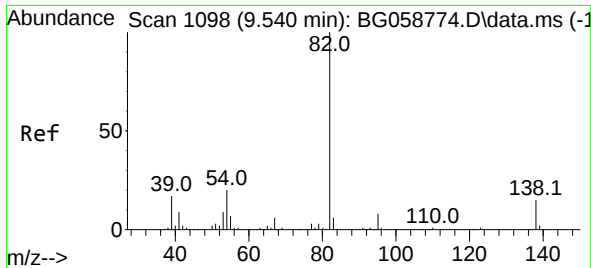
Ion Ratio Lower Upper

77 100

123 41.7 34.9 52.3

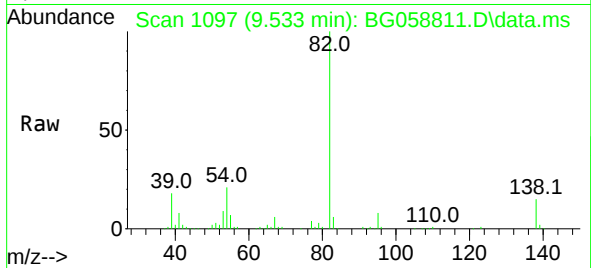
65 15.8 10.9 16.3





#25
Isophorone
Concen: 36.636 ng
RT: 9.533 min Scan# 1097
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

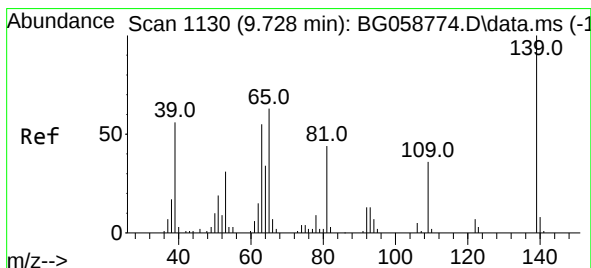
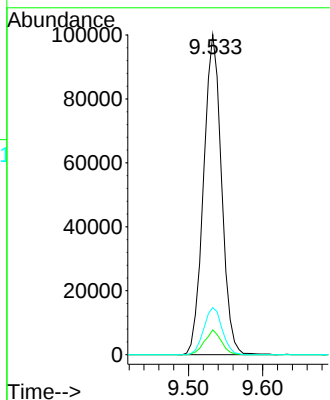
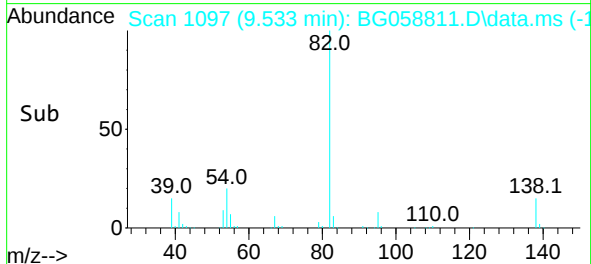
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion: 82 Resp: 168070
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 14.7 12.2 18.4

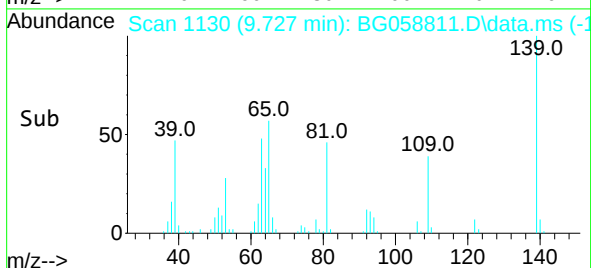
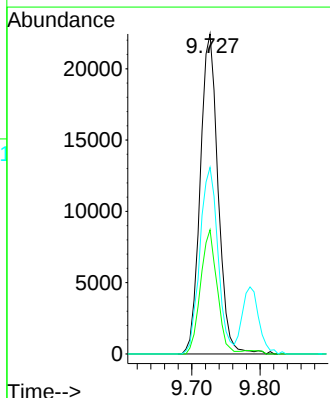
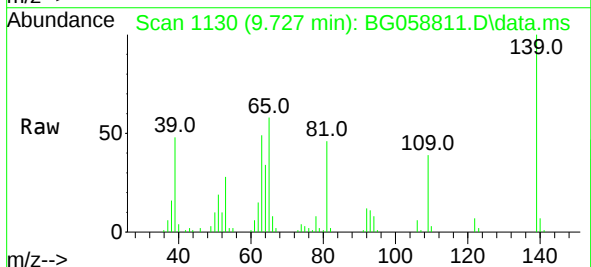
Manual Integrations
APPROVED

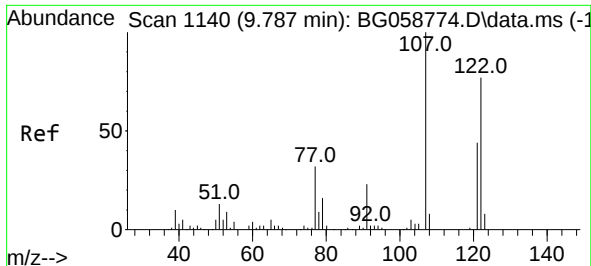
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#26
2-Nitrophenol
Concen: 42.522 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion:139 Resp: 40805
Ion Ratio Lower Upper
139 100
109 38.8 28.7 43.1
65 58.3 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 41.723 ng

RT: 9.785 min Scan# 1140

Delta R.T. -0.001 min

Lab File: BG058811.D

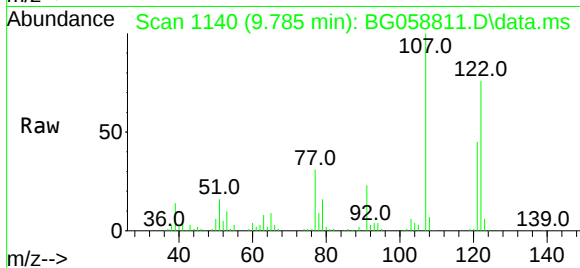
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD



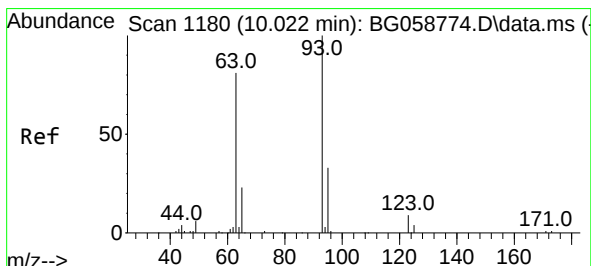
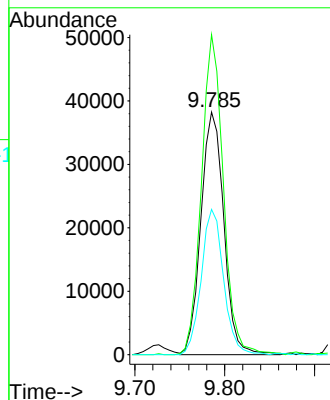
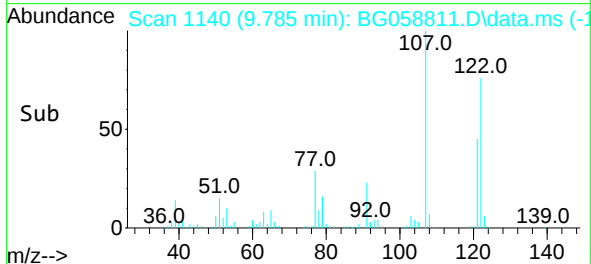
Tgt Ion:	122	Resp:	6785
Ion Ratio	Lower	Upper	
122	100		
107	131.9	102.6	154.0
121	59.9	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.009 ng

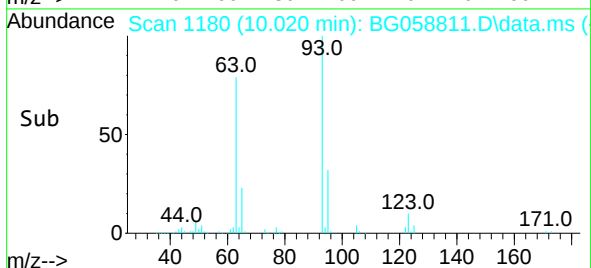
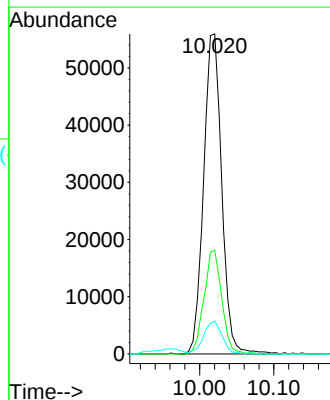
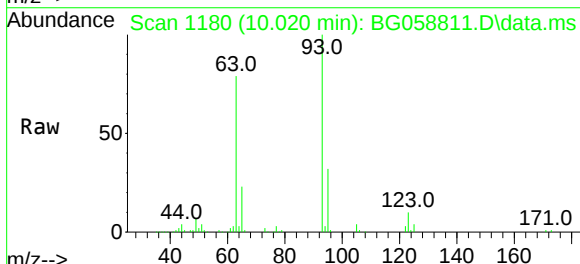
RT: 10.020 min Scan# 1180

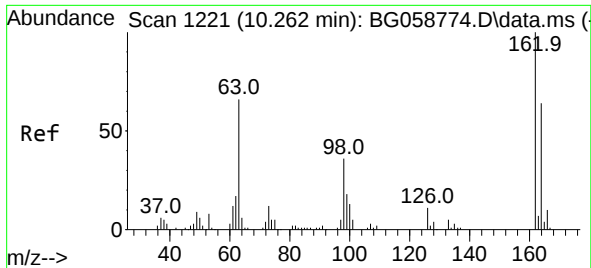
Delta R.T. -0.001 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

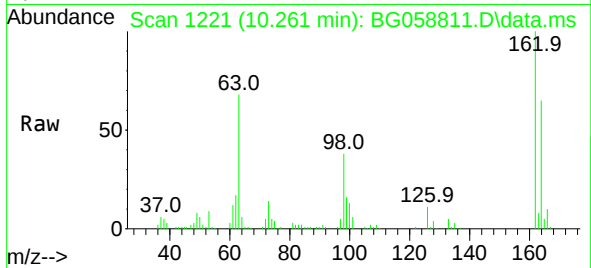
Tgt Ion:	93	Resp:	94795
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.4
123	10.3	8.1	12.1





#29
2,4-Dichlorophenol
Concen: 43.506 ng
RT: 10.261 min Scan# 1221
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

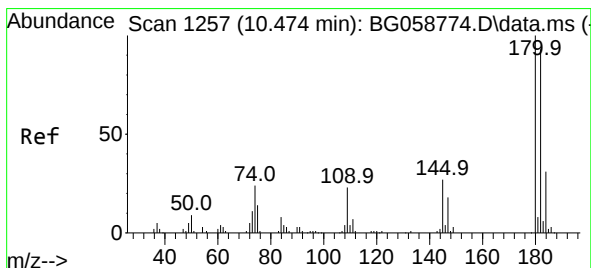
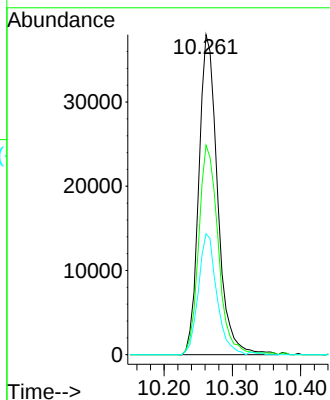
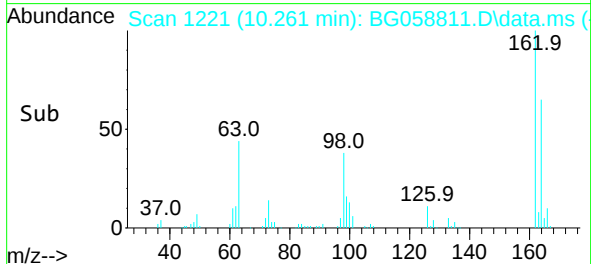
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



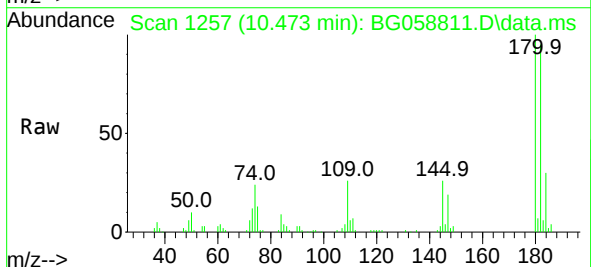
Tgt Ion:162 Resp: 7270
Ion Ratio Lower Upper
162 100
164 65.4 44.4 84.4
98 37.8 16.1 56.1

Manual Integrations
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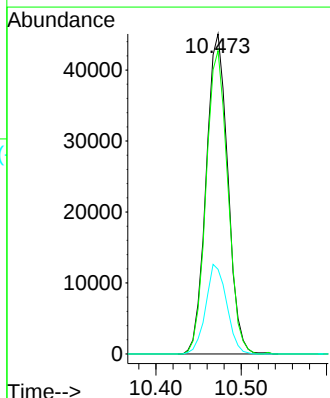
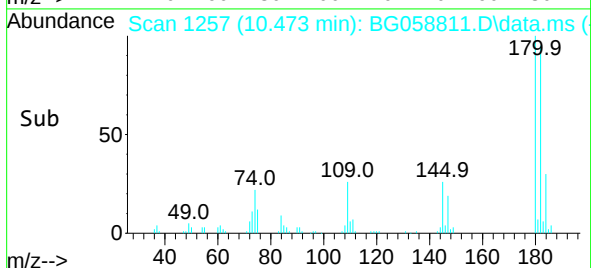
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

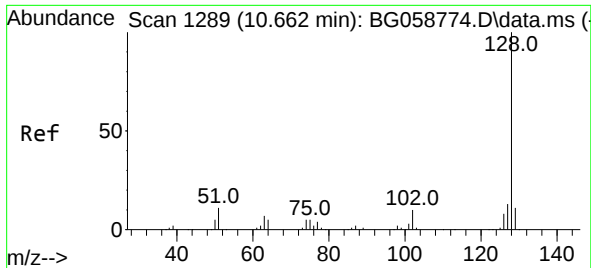


#30
1,2,4-Trichlorobenzene
Concen: 39.398 ng
RT: 10.473 min Scan# 1257
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



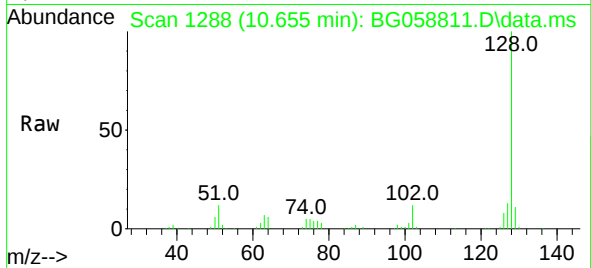
Tgt Ion:180 Resp: 79507
Ion Ratio Lower Upper
180 100
182 94.8 74.6 112.0
145 26.5 21.4 32.0





#31
Naphthalene
Concen: 37.709 ng
RT: 10.655 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

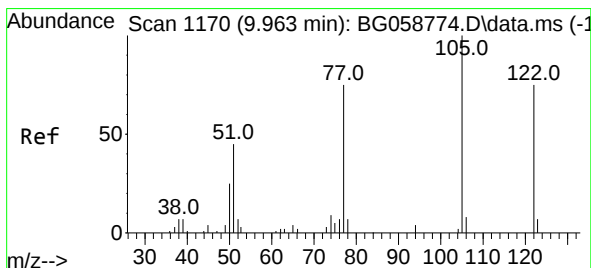
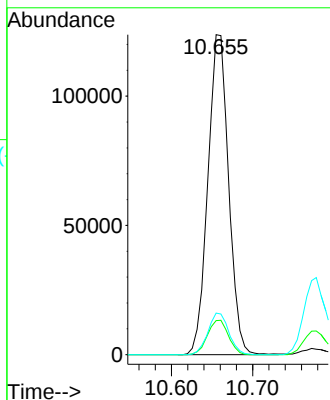
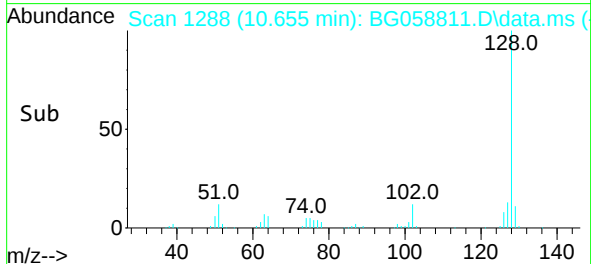
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion:128 Resp: 219598
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.0 10.6 15.8

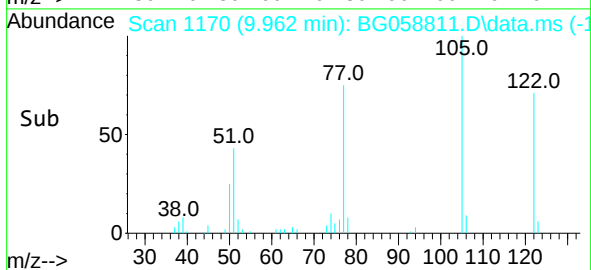
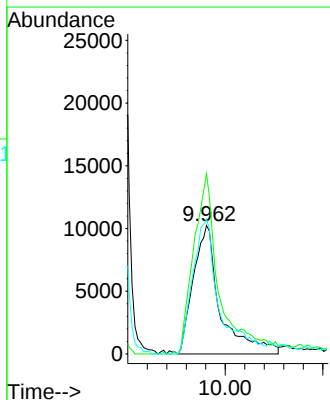
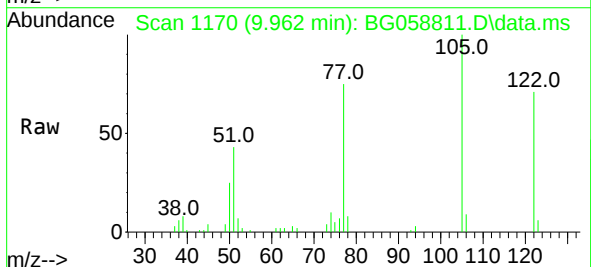
Manual Integrations
APPROVED

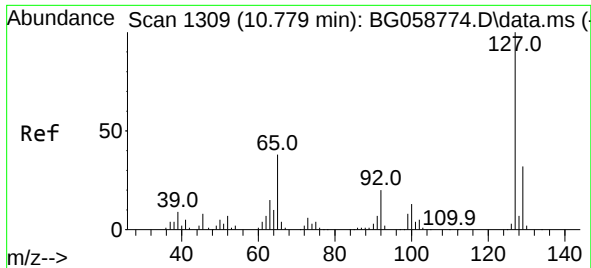
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#32
Benzoic acid
Concen: 40.593 ng
RT: 9.962 min Scan# 1170
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion:122 Resp: 39458
Ion Ratio Lower Upper
122 100
105 140.4 113.6 153.6
77 105.0 79.7 119.7





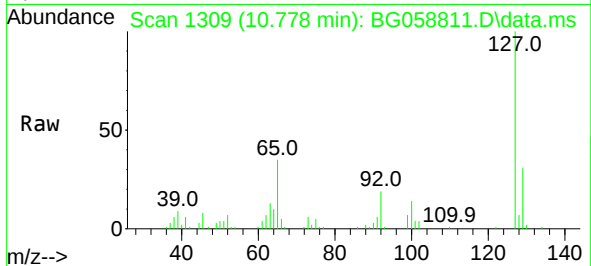
#33
4-Chloroaniline
Concen: 24.570 ng
RT: 10.778 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD



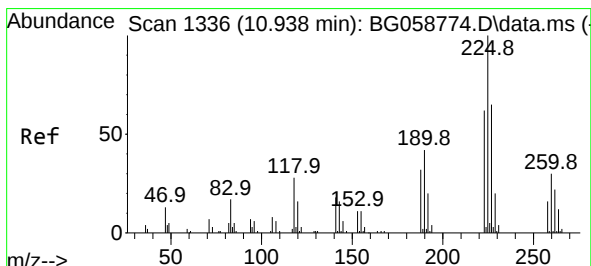
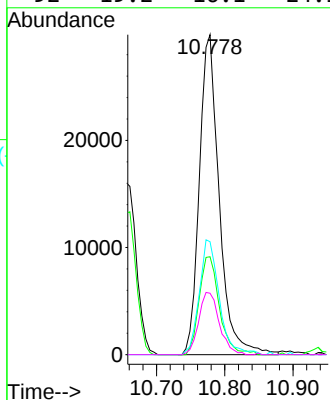
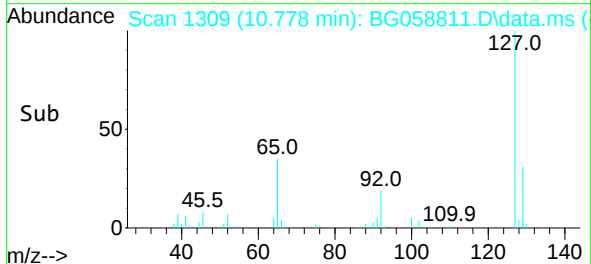
Tgt Ion:	127	Resp:	6034
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.2	37.8
65	35.3	30.5	45.7
92	19.2	16.1	24.1

Manual Integrations

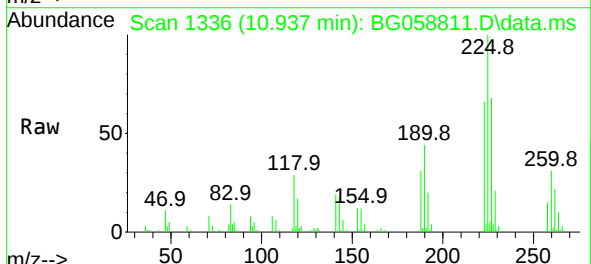
APPROVED

Reviewed By :Yogesh Patel 08/23/2023

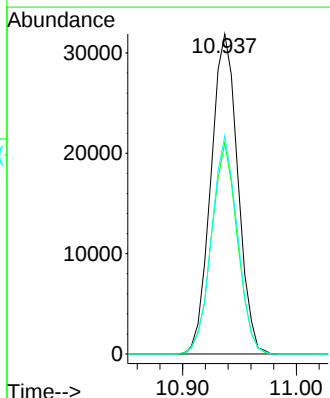
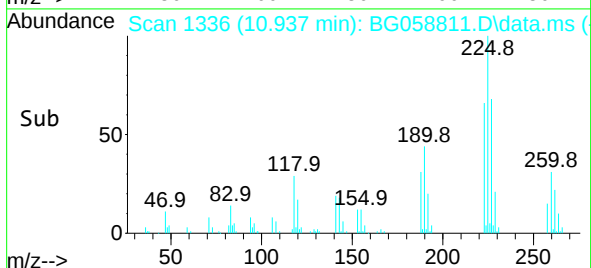
Supervised By :mohammad ahmed 08/24/2023

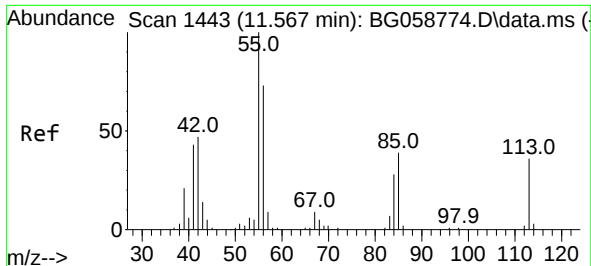


#34
Hexachlorobutadiene
Concen: 38.469 ng
RT: 10.937 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:	225	Resp:	52395
Ion Ratio	Lower	Upper	
225	100		
223	66.0	49.9	74.9
227	68.1	51.6	77.4





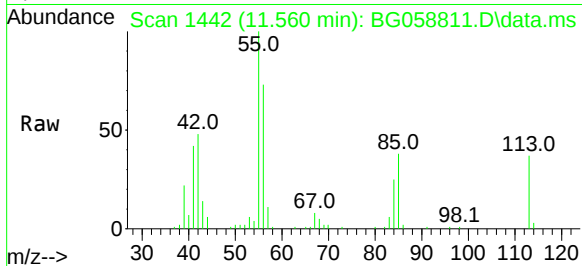
#35
Caprolactam
Concen: 40.775 ng m
RT: 11.560 min Scan# 1443
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

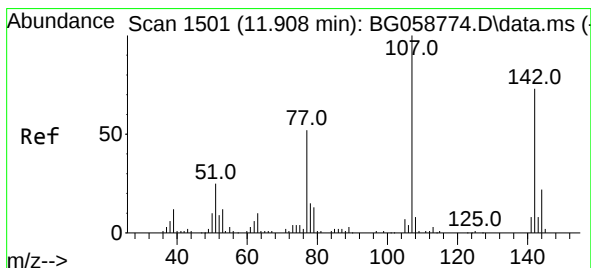
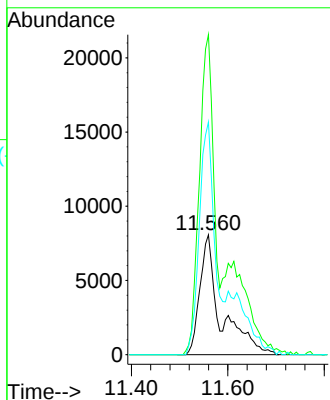
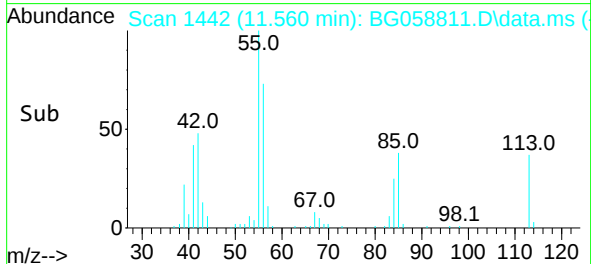


Tgt Ion:113 Resp: 24418
Ion Ratio Lower Upper
113 100
55 267.0 256.3 296.3
56 194.1 180.4 220.4

Manual Integrations

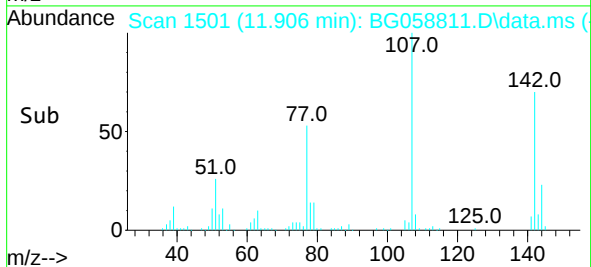
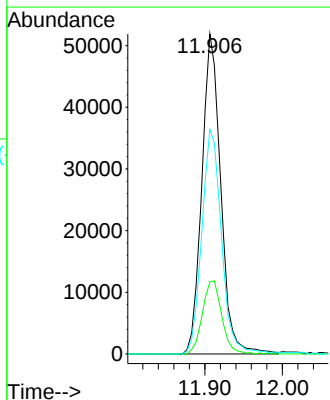
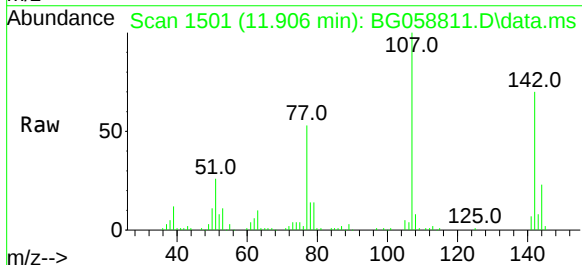
APPROVED

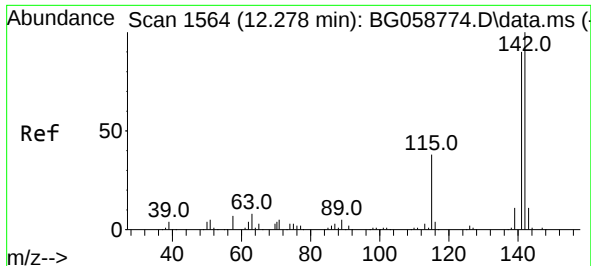
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#36
4-Chloro-3-methylphenol
Concen: 42.307 ng
RT: 11.906 min Scan# 1501
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion:107 Resp: 87925
Ion Ratio Lower Upper
107 100
144 22.6 17.9 26.9
142 70.1 58.5 87.7





#37
2-Methylnaphthalene
Concen: 37.339 ng
RT: 12.271 min Scan# 1561
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

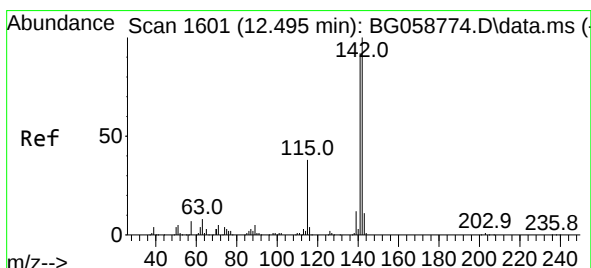
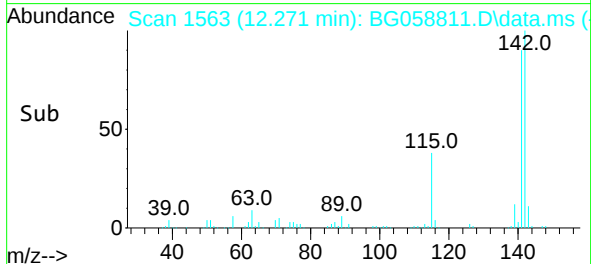
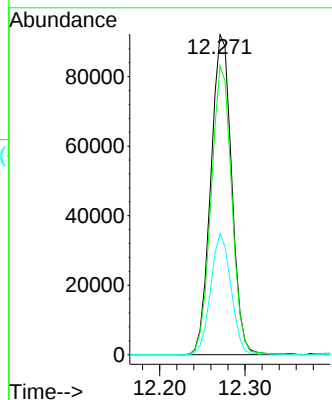
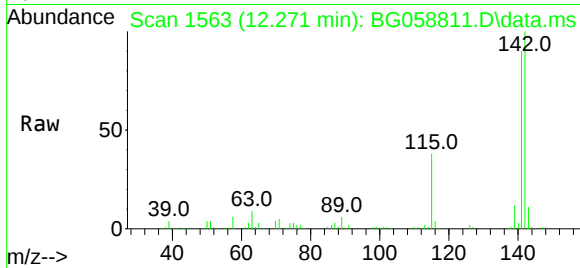
TP-LMSD

Tgt Ion:142 Resp: 156174
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.8
115 37.9 30.6 45.8

Manual Integrations

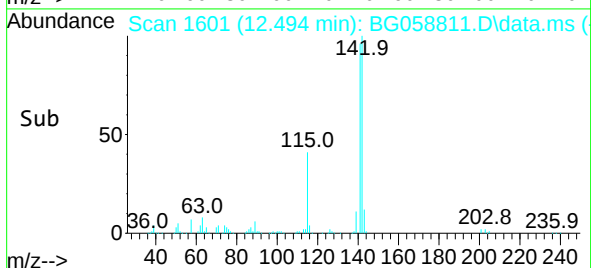
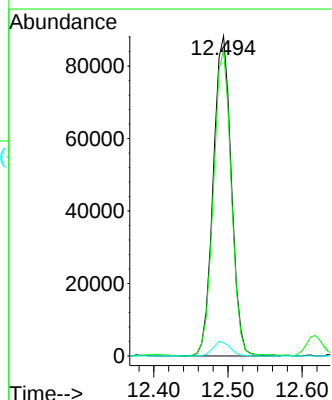
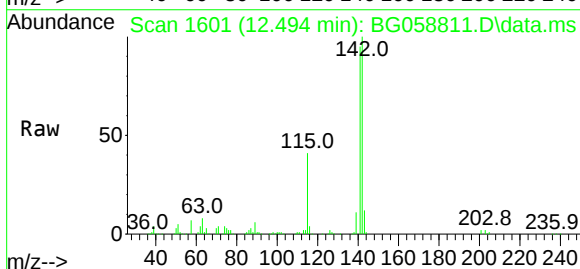
APPROVED

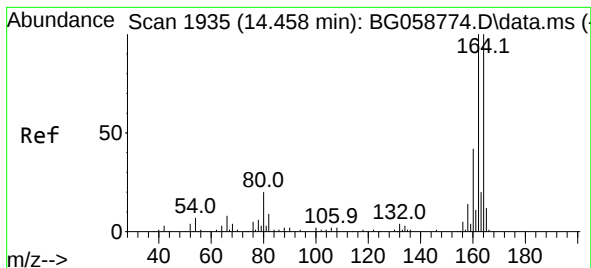
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#38
1-Methylnaphthalene
Concen: 37.607 ng
RT: 12.494 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

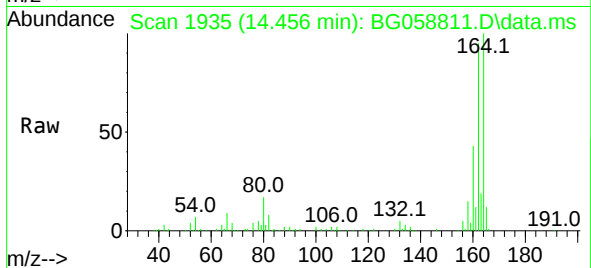
Tgt Ion:142 Resp: 149315
Ion Ratio Lower Upper
142 100
141 95.5 73.9 110.9
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

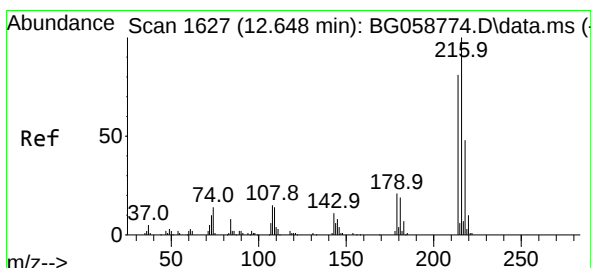
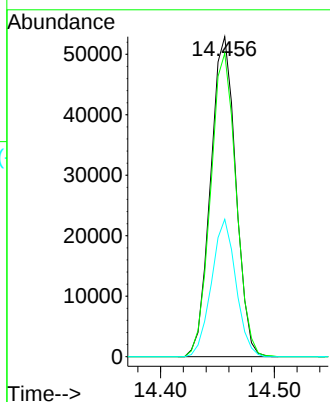
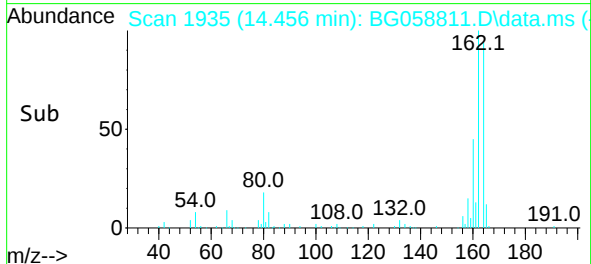
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



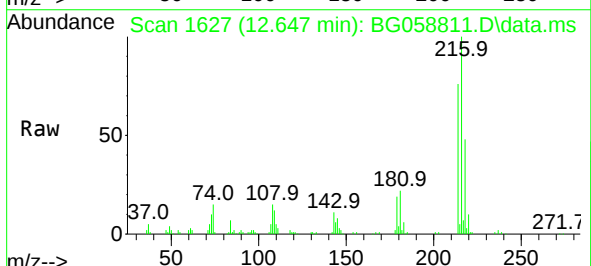
Tgt Ion:164 Resp: 8108
Ion Ratio Lower Upper
164 100
162 94.8 79.6 119.4
160 42.9 34.0 51.0

Manual Integrations
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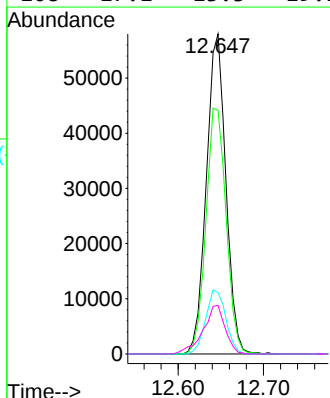
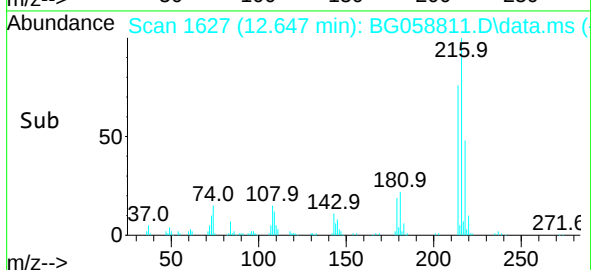
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

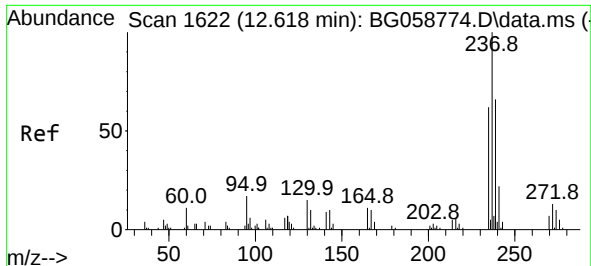


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.941 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



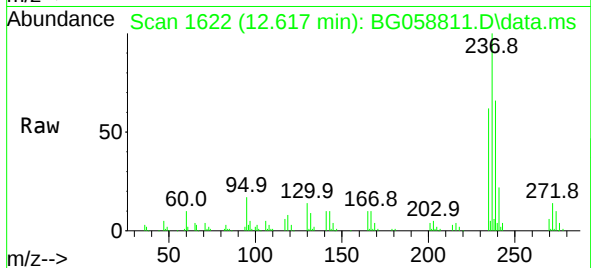
Tgt Ion:216 Resp: 92340
Ion Ratio Lower Upper
216 100
214 79.4 64.0 96.0
179 20.5 16.2 24.4
108 17.1 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 81.543 ng
RT: 12.617 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

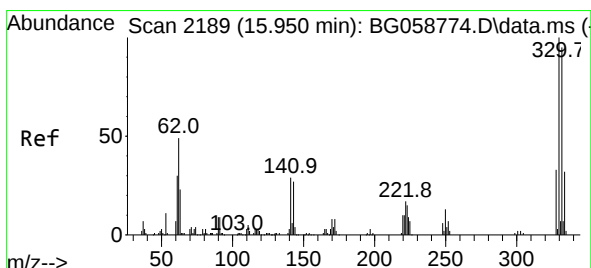
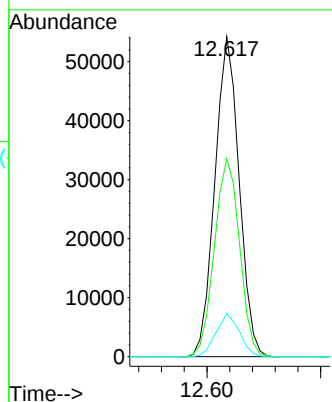
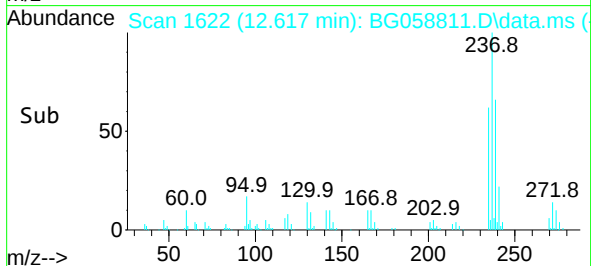
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



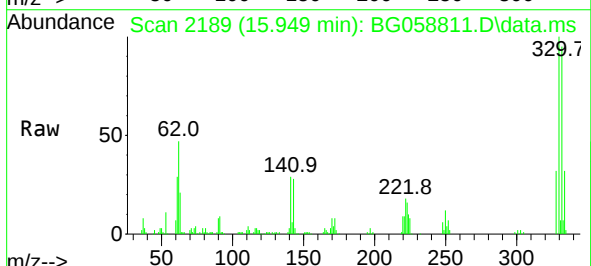
Tgt Ion:237 Resp: 8037
Ion Ratio Lower Upper
237 100
235 61.9 41.5 81.5
272 13.5 0.0 32.5

Manual Integrations
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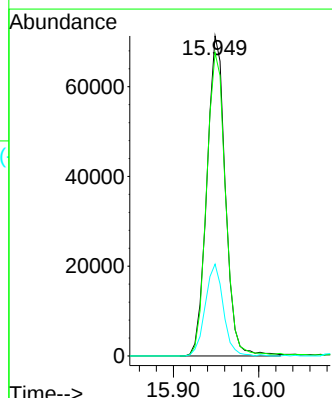
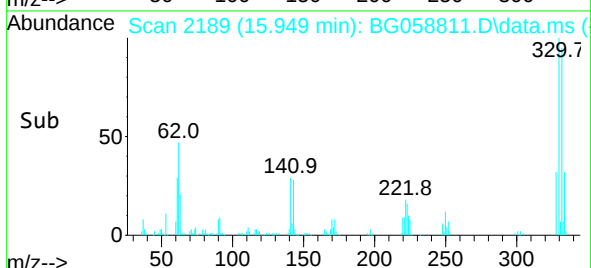
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

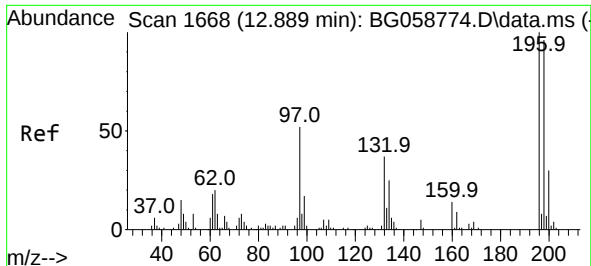


#42
2,4,6-Tribromophenol
Concen: 84.341 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



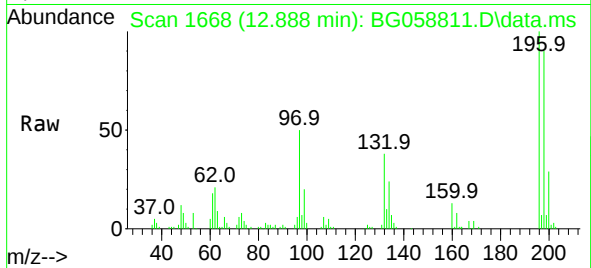
Tgt Ion:330 Resp: 107228
Ion Ratio Lower Upper
330 100
332 97.3 78.5 117.7
141 28.0 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 41.870 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

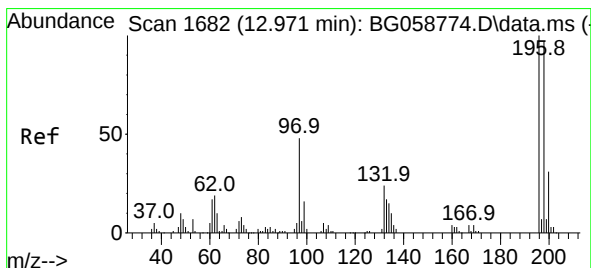
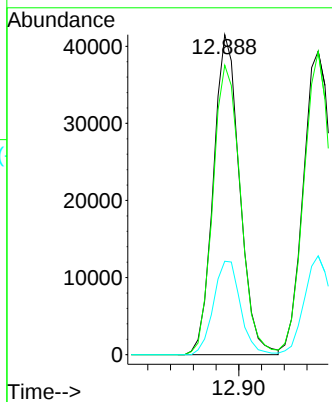
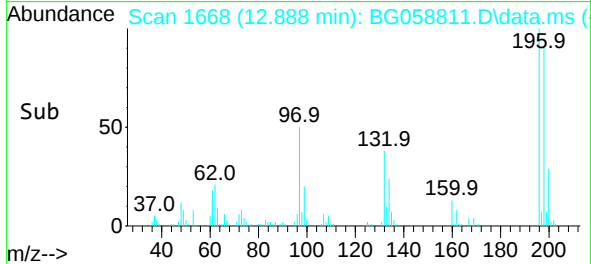
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



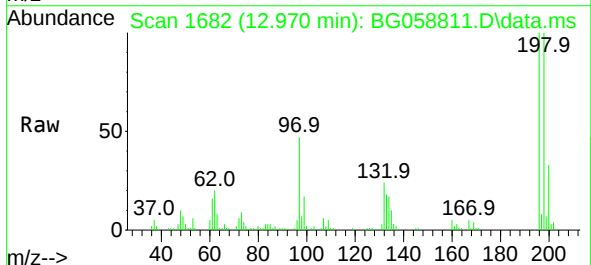
Tgt Ion:196 Resp: 66590
Ion Ratio Lower Upper
196 100
198 90.4 77.0 115.4
200 29.2 23.8 35.6

Manual Integrations
APPROVED

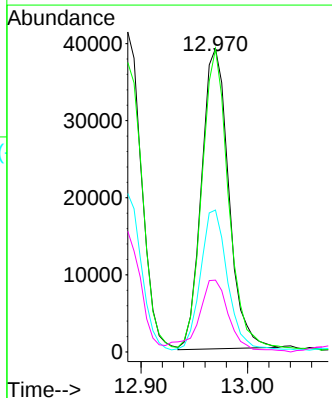
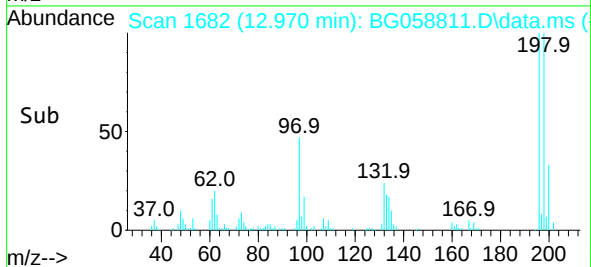
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

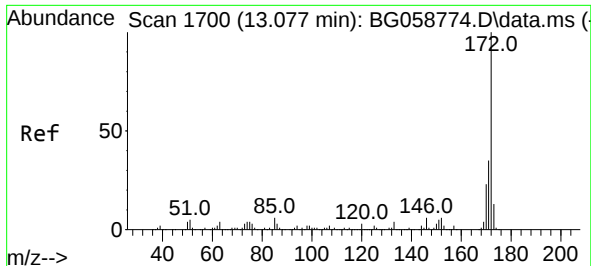


#44
2,4,5-Trichlorophenol
Concen: 36.323 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:196 Resp: 69183
Ion Ratio Lower Upper
196 100
198 99.9 78.0 117.0
97 46.8 38.7 58.1
132 23.7 19.8 29.6





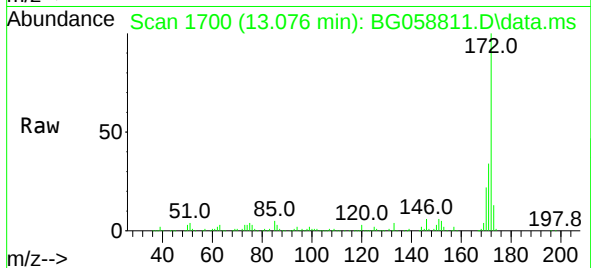
#45
2-Fluorobiphenyl
Concen: 44.171 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD



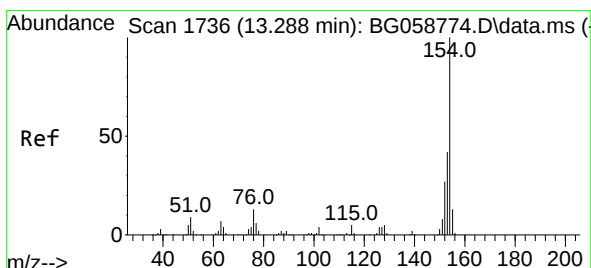
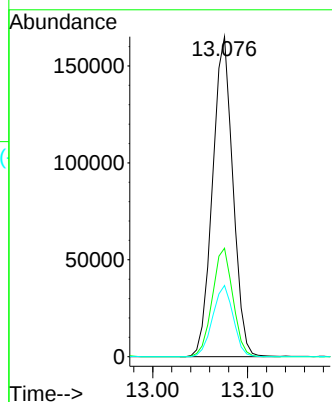
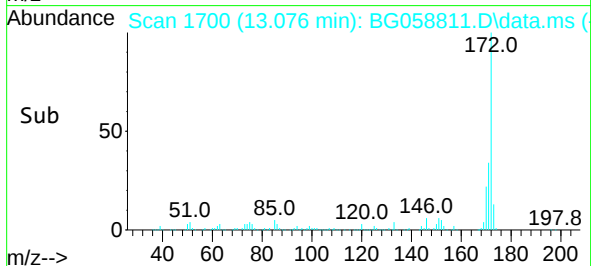
Tgt Ion:172 Resp: 24624
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.2 18.6 27.8

Manual Integrations

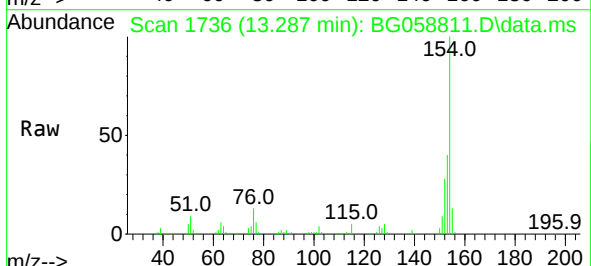
APPROVED

Reviewed By :Yogesh Patel 08/23/2023

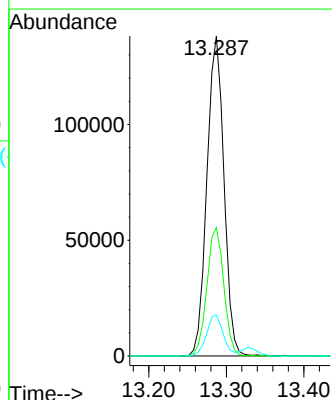
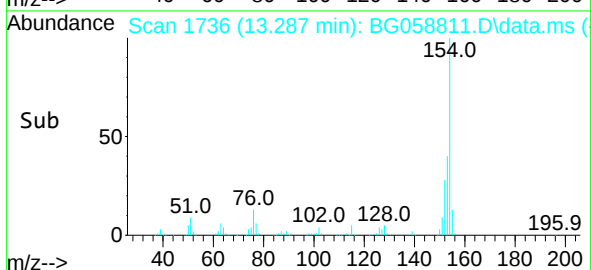
Supervised By :mohammad ahmed 08/24/2023

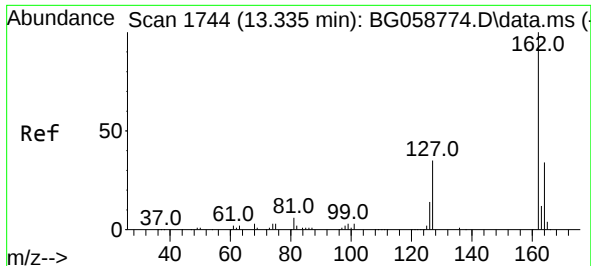


#46
1,1'-Biphenyl
Concen: 37.670 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:154 Resp: 210413
Ion Ratio Lower Upper
154 100
153 40.1 21.7 61.7
76 12.8 0.0 33.2





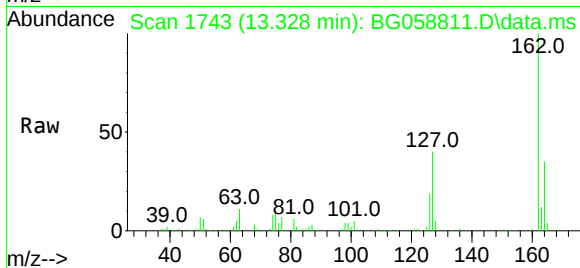
#47
2-Chloronaphthalene
Concen: 38.569 ng
RT: 13.328 min Scan# 1743
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

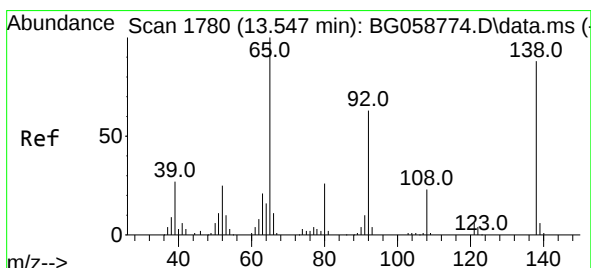
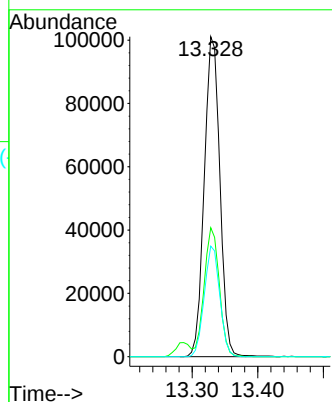
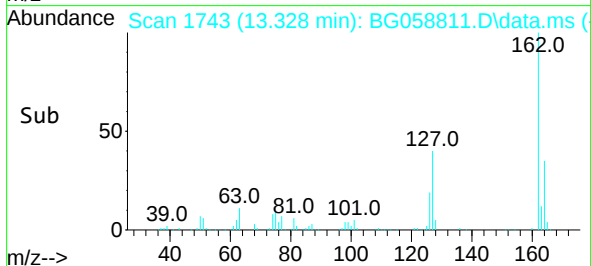


Tgt Ion:162 Resp: 16788
Ion Ratio Lower Upper
162 100
127 40.3 31.5 47.3
164 34.5 27.3 40.9

Manual Integrations

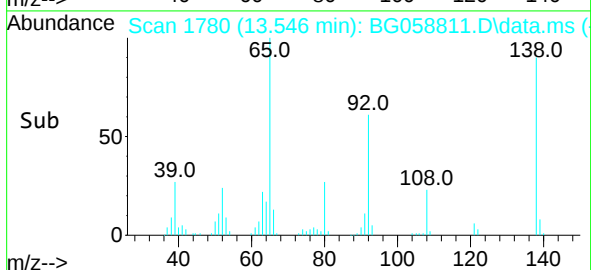
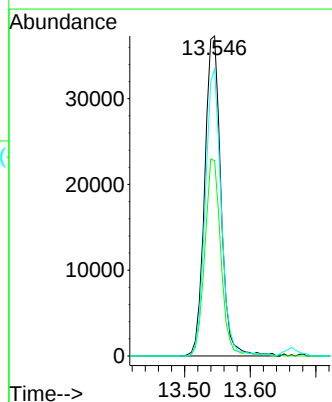
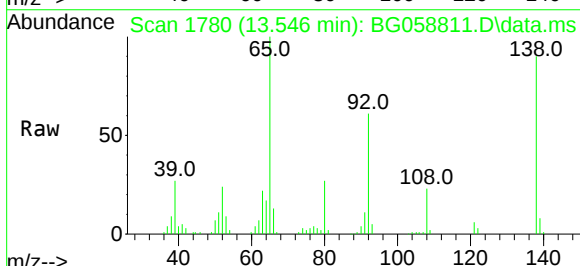
APPROVED

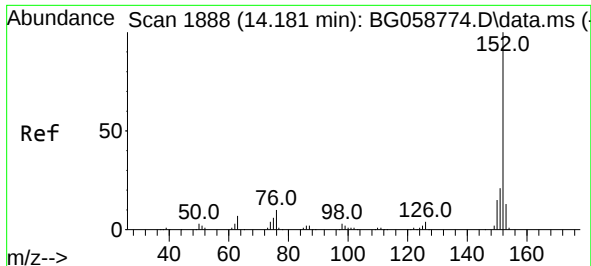
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#48
2-Nitroaniline
Concen: 38.813 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion: 65 Resp: 64165
Ion Ratio Lower Upper
65 100
92 61.0 50.7 76.1
138 89.7 70.7 106.1





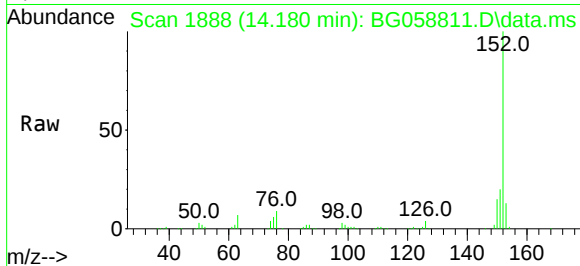
#49
Acenaphthylene
Concen: 38.276 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

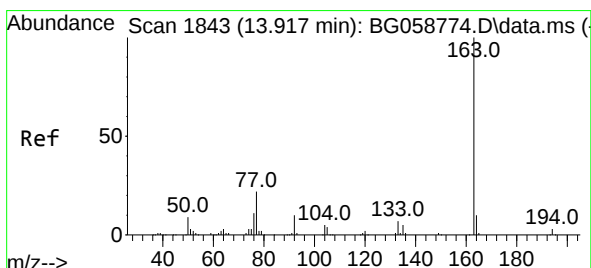
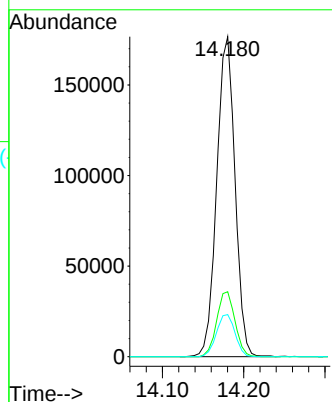
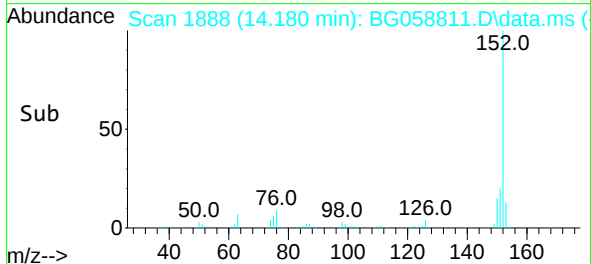


Tgt Ion:152 Resp: 276299
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.2 10.7 16.1

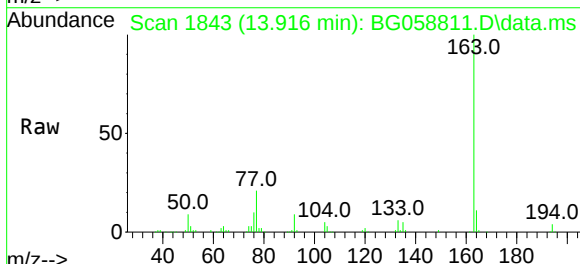
Manual Integrations

APPROVED

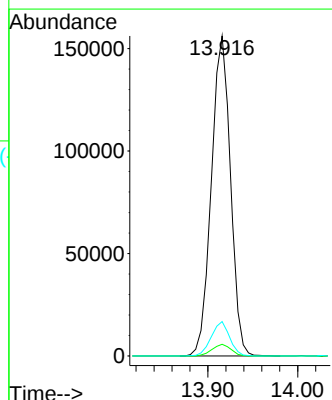
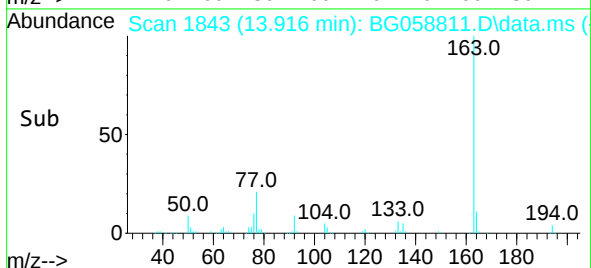
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

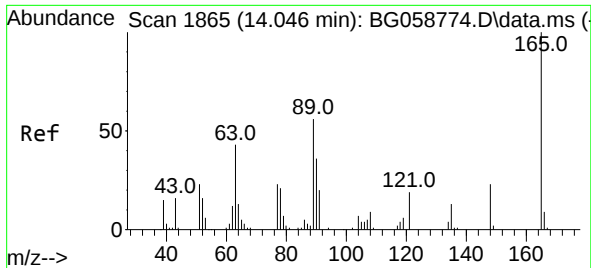


#50
Dimethylphthalate
Concen: 36.729 ng
RT: 13.916 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:163 Resp: 230585
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 39.683 ng
RT: 14.039 min Scan# 1864
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

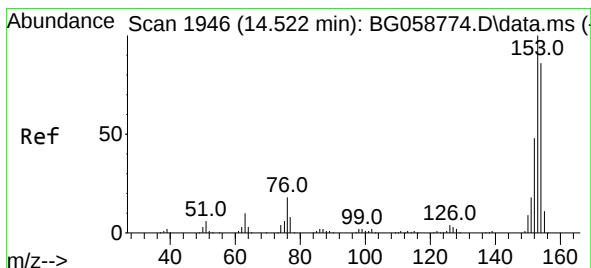
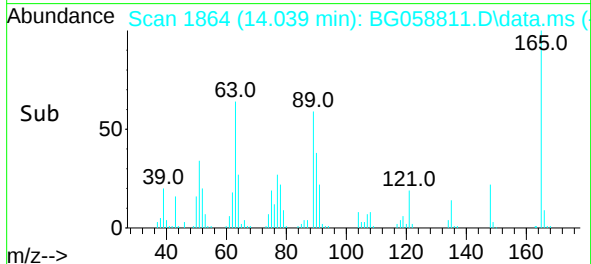
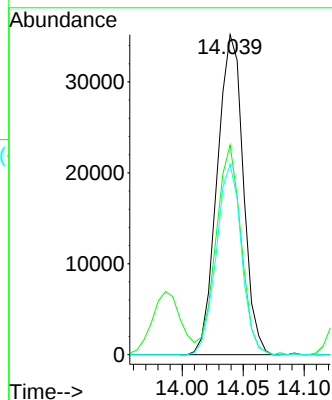
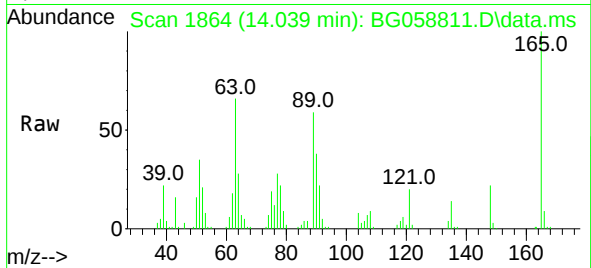
TP-LMSD

Tgt Ion:165 Resp: 52340
Ion Ratio Lower Upper
165 100
63 65.6 47.2 70.8
89 59.5 45.0 67.4

Manual Integrations

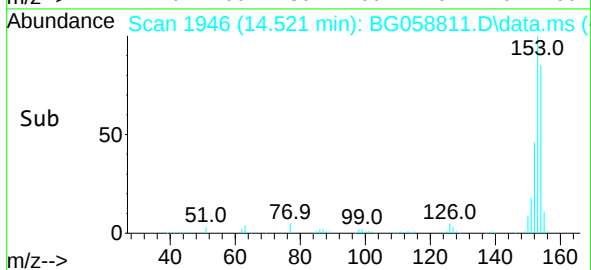
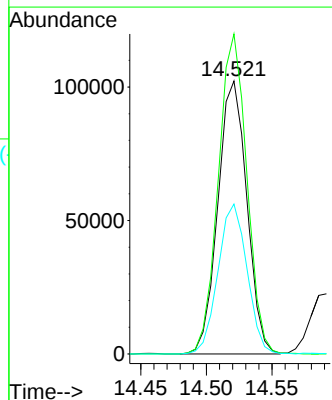
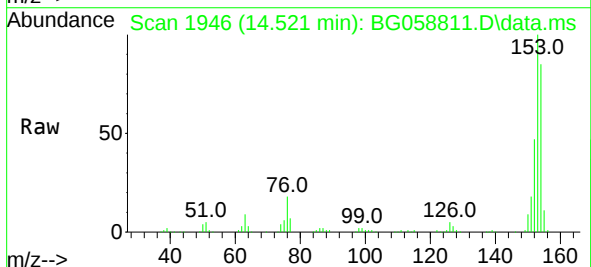
APPROVED

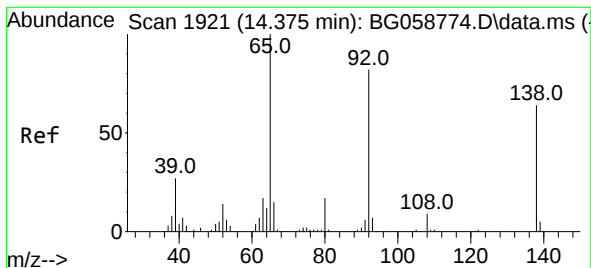
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#52
Acenaphthene
Concen: 37.196 ng
RT: 14.521 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion:154 Resp: 156905
Ion Ratio Lower Upper
154 100
153 117.3 92.7 139.1
152 55.0 44.2 66.2





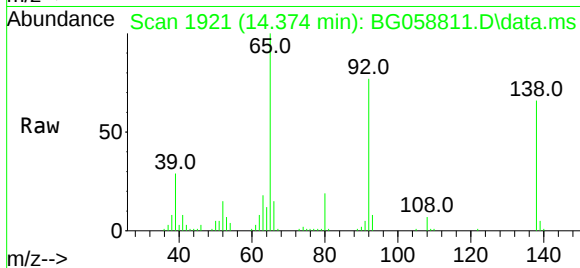
#53
3-Nitroaniline
Concen: 28.011 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

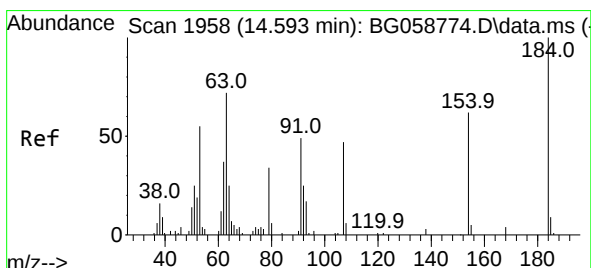
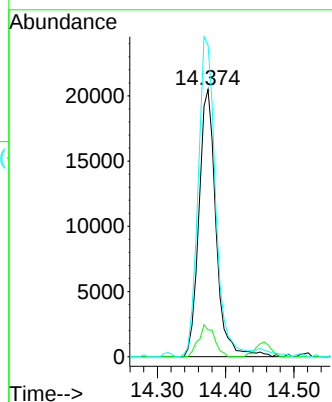
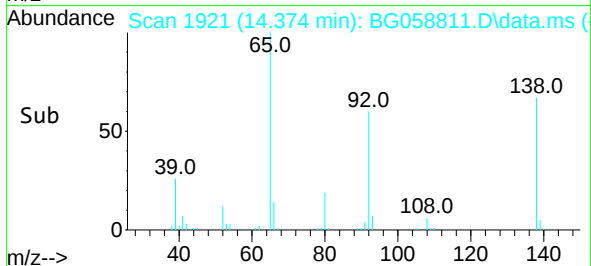


Tgt Ion:138 Resp: 3563
Ion Ratio Lower Upper
138 100
108 10.1 11.8 17.8
92 116.6 102.5 153.7

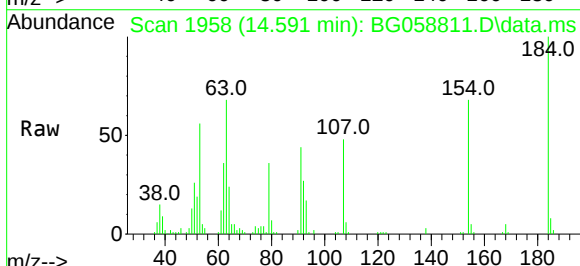
Manual Integrations

APPROVED

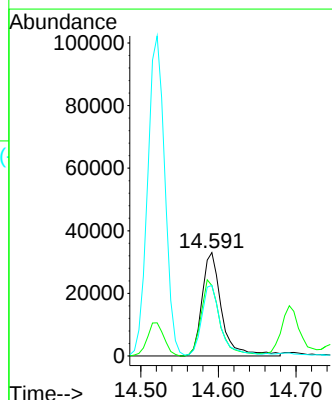
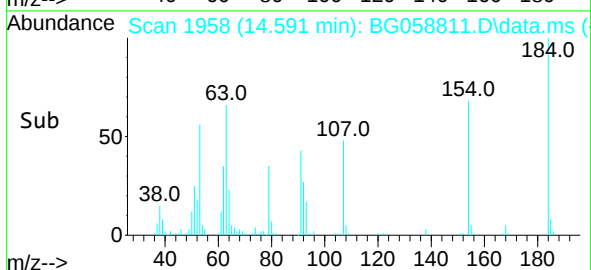
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

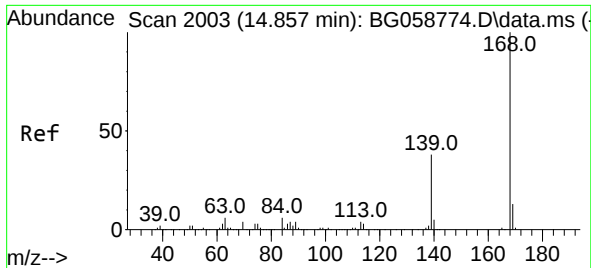


#54
2,4-Dinitrophenol
Concen: 78.787 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



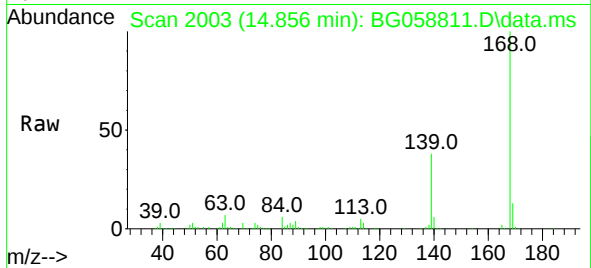
Tgt Ion:184 Resp: 57995
Ion Ratio Lower Upper
184 100
63 68.2 57.7 86.5
154 68.4 51.8 77.6





#55
Dibenzofuran
Concen: 37.685 ng
RT: 14.856 min Scan# 2003
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

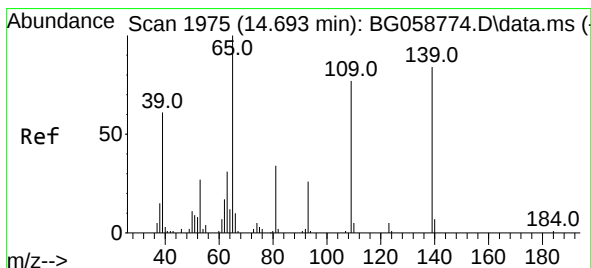
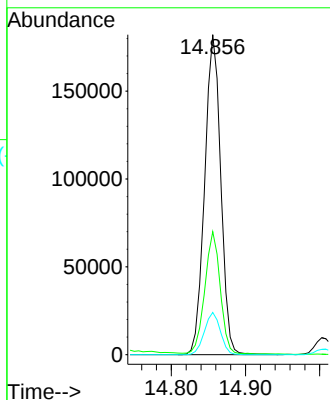
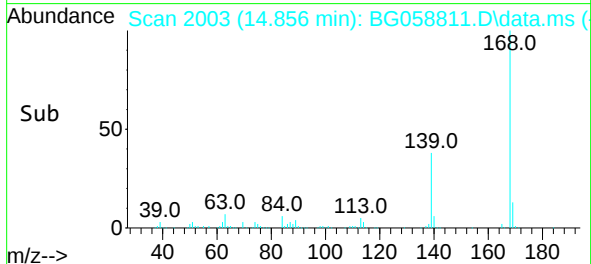
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



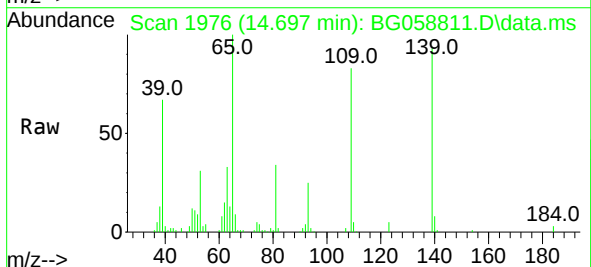
Tgt Ion:168 Resp: 27422
Ion Ratio Lower Upper
168 100
139 38.4 30.4 45.6
169 13.2 10.7 16.1

Manual Integrations
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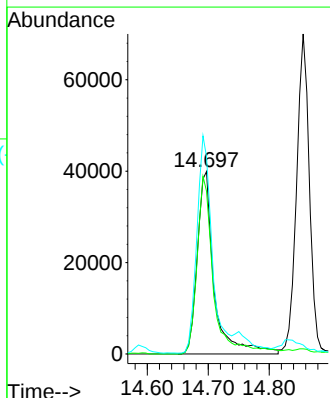
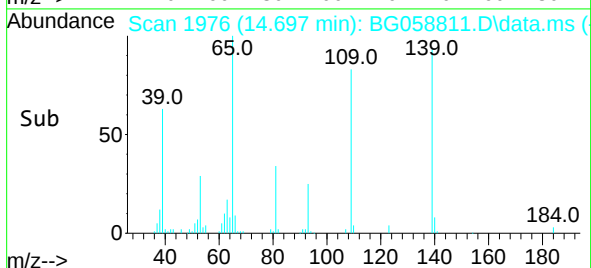
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

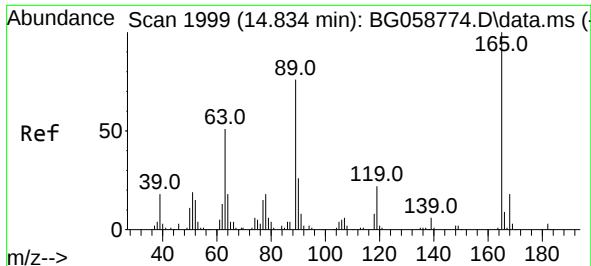


#56
4-Nitrophenol
Concen: 83.657 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.004 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:139 Resp: 77186
Ion Ratio Lower Upper
139 100
109 89.3 71.9 111.9
65 108.1 100.7 140.7





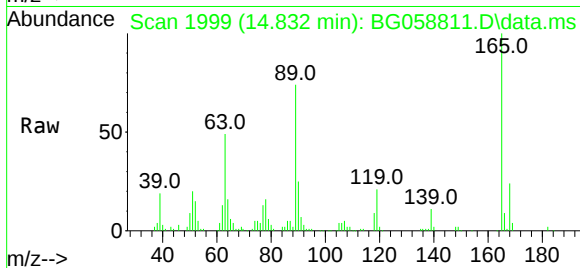
#57
2,4-Dinitrotoluene
Concen: 40.126 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

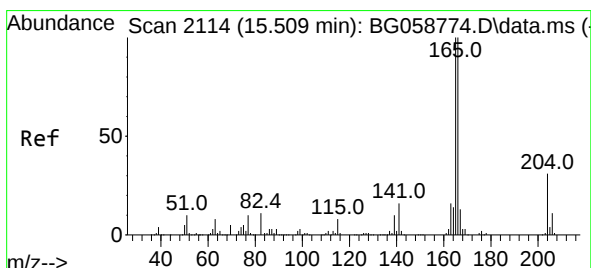
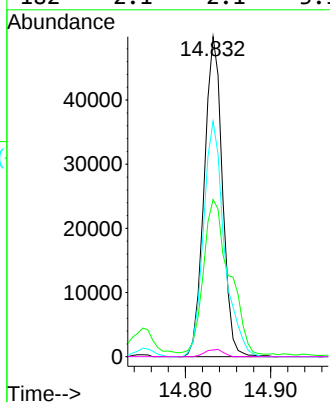
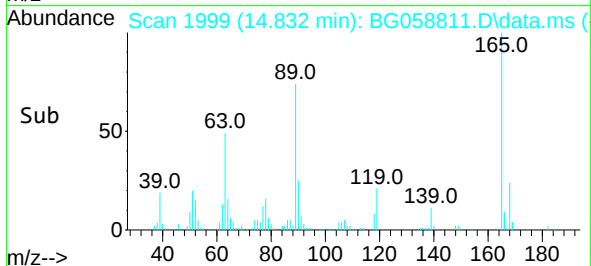


Tgt Ion:165 Resp: 7381
Ion Ratio Lower Upper
165 100
63 49.1 41.8 62.6
89 73.5 60.7 91.1
182 2.1 2.1 3.1

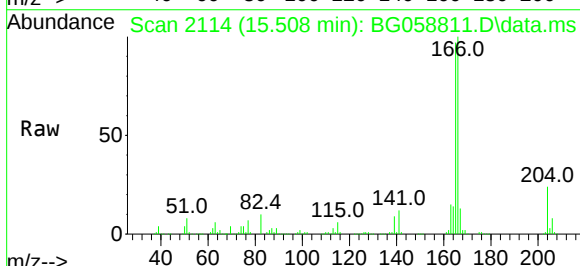
Manual Integrations

APPROVED

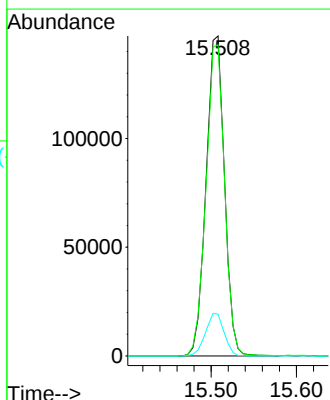
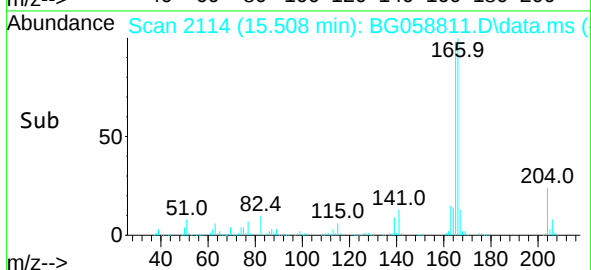
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

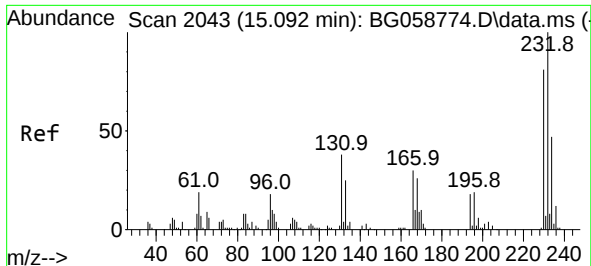


#58
Fluorene
Concen: 38.102 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:166 Resp: 220646
Ion Ratio Lower Upper
166 100
165 97.3 79.9 119.9
167 13.1 10.7 16.1





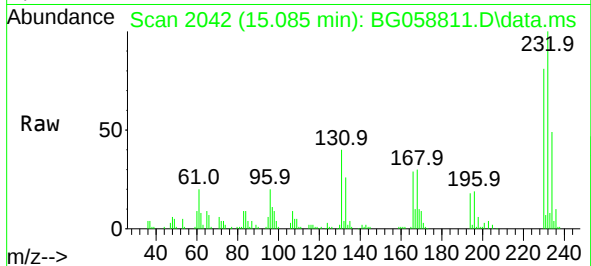
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.195 ng
RT: 15.085 min Scan# 2042
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

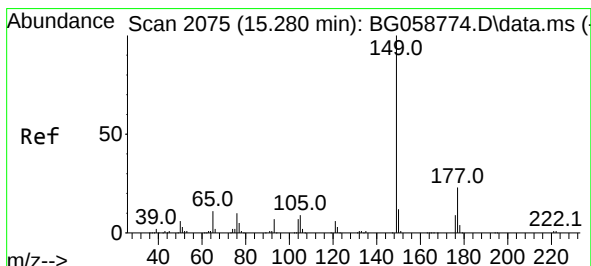
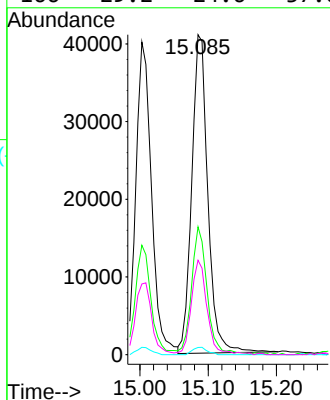
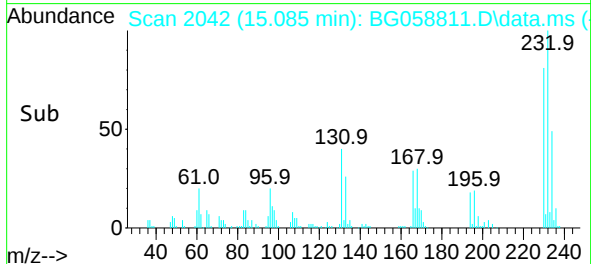


Tgt Ion:232 Resp: 67130
Ion Ratio Lower Upper
232 100
131 38.9 33.9 50.9
130 2.1 1.8 2.6
166 29.2 24.6 37.0

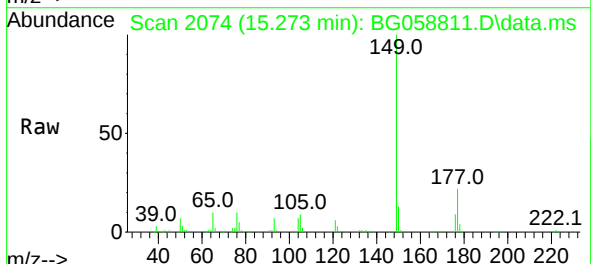
Manual Integrations

APPROVED

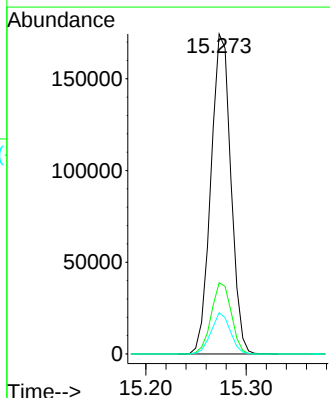
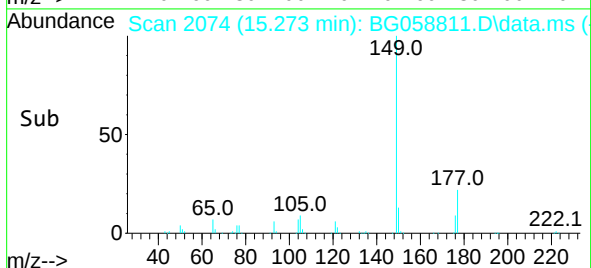
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

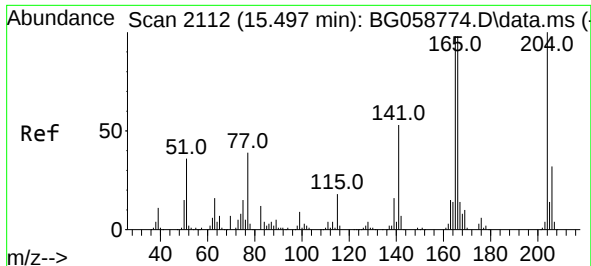


#60
Diethylphthalate
Concen: 37.314 ng
RT: 15.273 min Scan# 2074
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



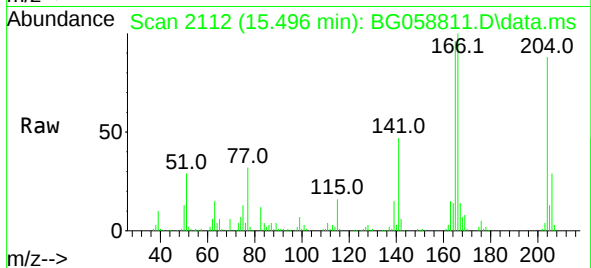
Tgt Ion:149 Resp: 241532
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.718 ng
RT: 15.496 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

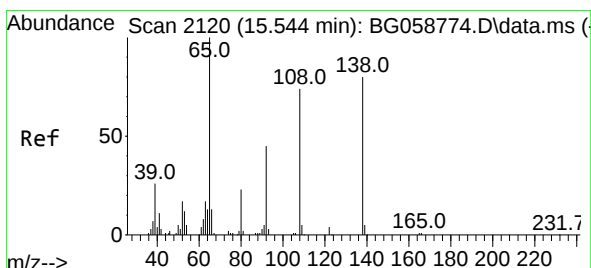
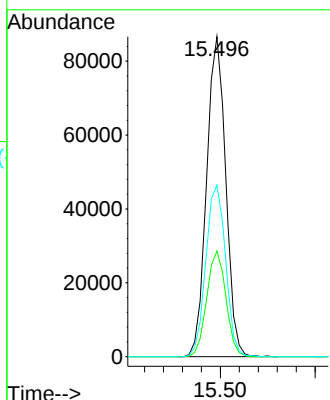
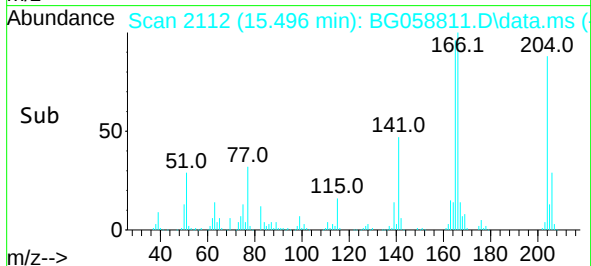
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



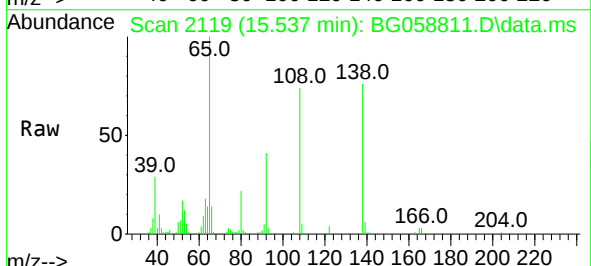
Tgt Ion:204 Resp: 121060
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 53.6 42.3 63.5

Manual Integrations
APPROVED

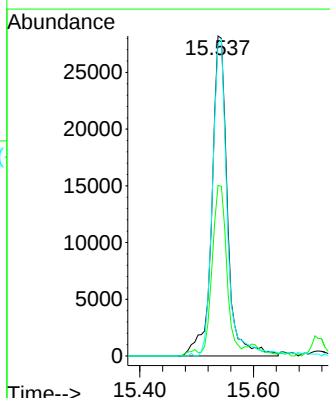
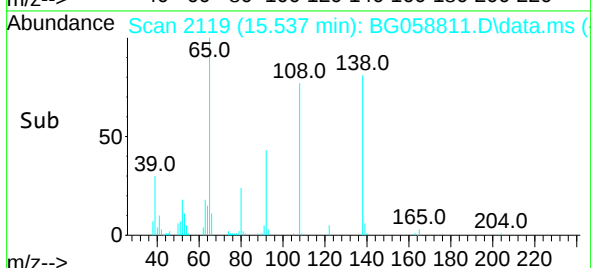
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

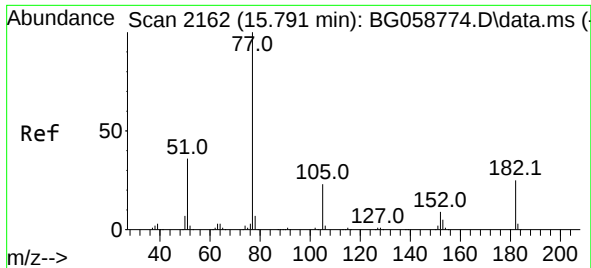


#62
4-Nitroaniline
Concen: 41.382 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:138 Resp: 53423
Ion Ratio Lower Upper
138 100
92 53.3 36.4 76.4
108 97.7 72.2 112.2





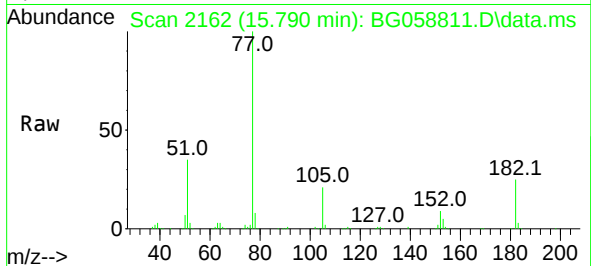
#63
Azobenzene
Concen: 37.716 ng
RT: 15.790 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD



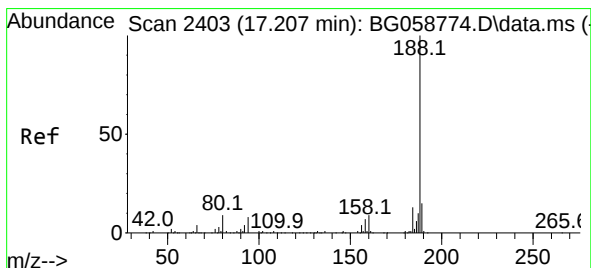
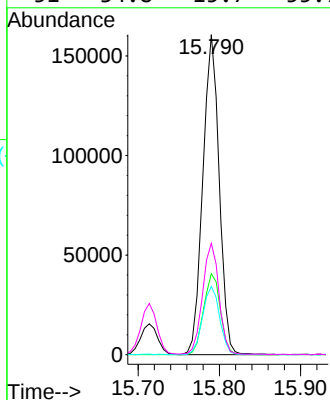
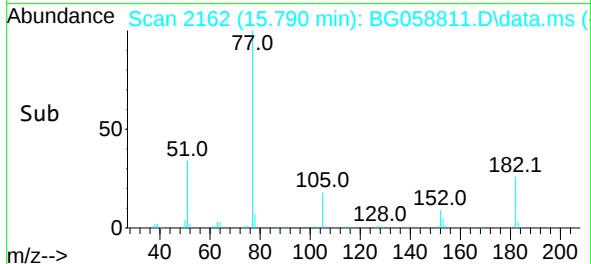
Tgt Ion: 77 Resp: 22417
Ion Ratio Lower Upper
77 100
182 25.3 4.9 44.9
105 21.4 2.8 42.8
51 34.8 15.7 55.7

Manual Integrations

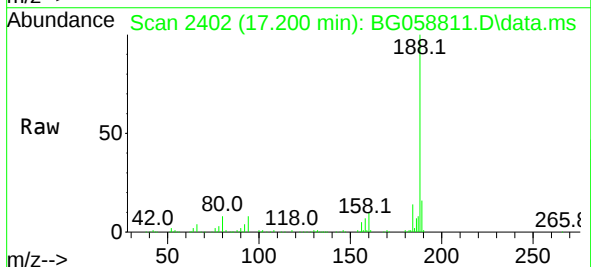
APPROVED

Reviewed By :Yogesh Patel 08/23/2023

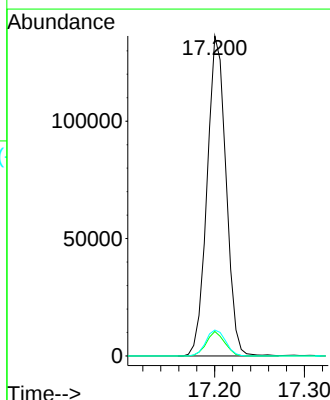
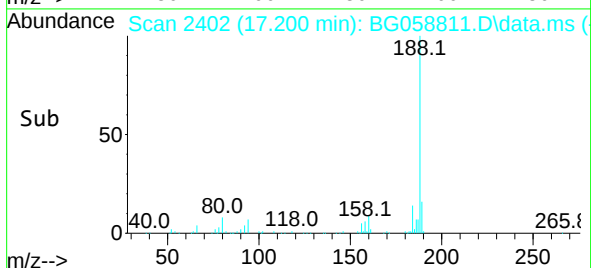
Supervised By :mohammad ahmed 08/24/2023

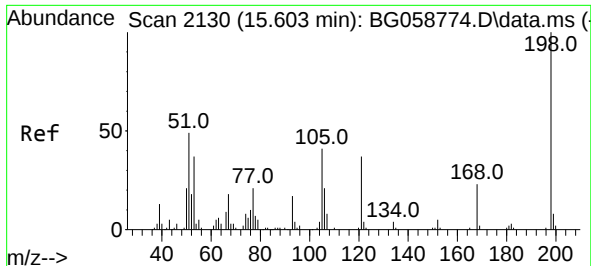


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:188 Resp: 199860
Ion Ratio Lower Upper
188 100
94 7.6 6.1 9.1
80 8.1 6.9 10.3





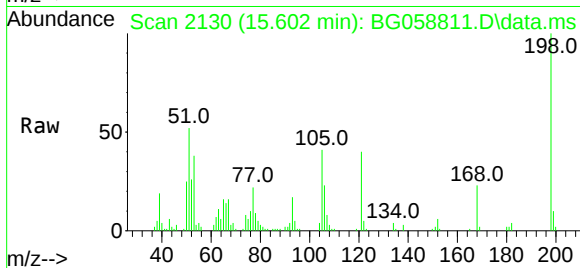
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.819 ng
 RT: 15.602 min Scan# 2130
 Delta R.T. -0.001 min
 Lab File: BG058811.D
 Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

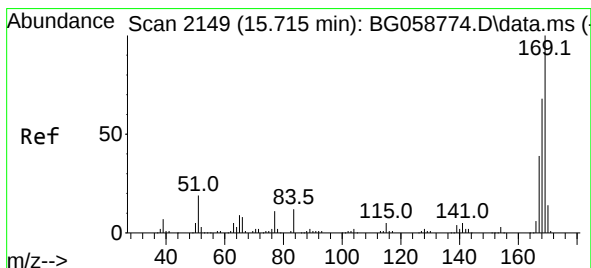
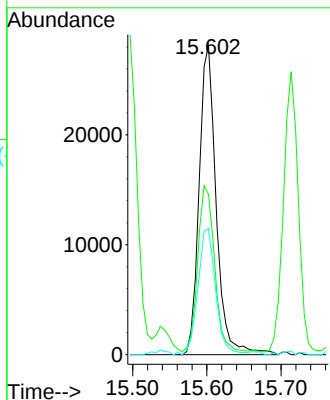
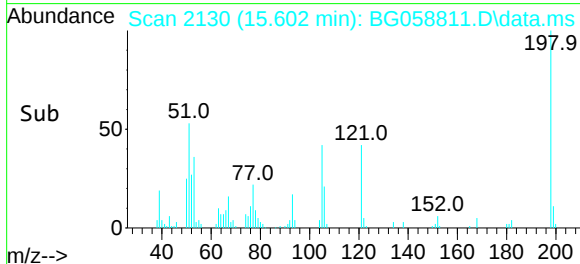


Tgt Ion:198 Resp: 44984
 Ion Ratio Lower Upper
 198 100
 51 51.9 31.3 71.3
 105 40.7 20.7 60.7

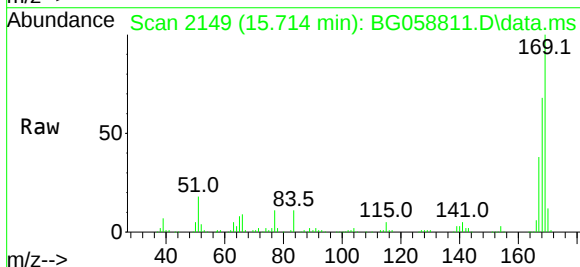
Manual Integrations

APPROVED

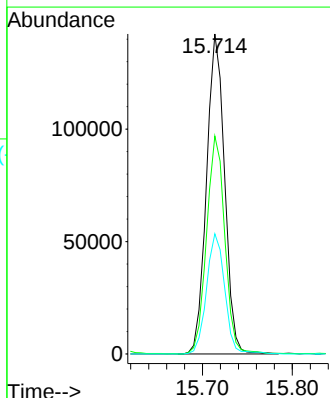
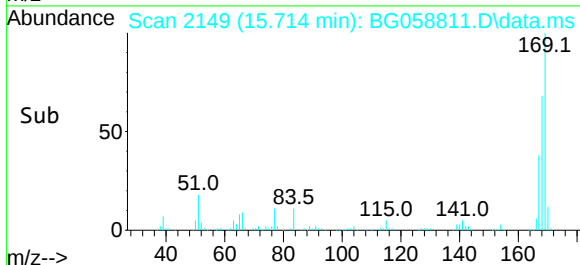
Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

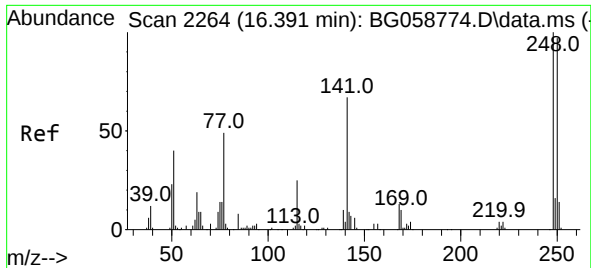


#66
 n-Nitrosodiphenylamine
 Concen: 38.608 ng
 RT: 15.714 min Scan# 2149
 Delta R.T. -0.001 min
 Lab File: BG058811.D
 Acq: 22 Aug 2023 17:06



Tgt Ion:169 Resp: 198877
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.4 81.6
 167 37.6 31.4 47.0





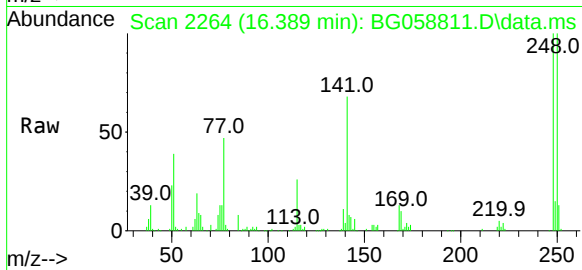
#67
4-Bromophenyl-phenylether
Concen: 37.715 ng
RT: 16.389 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

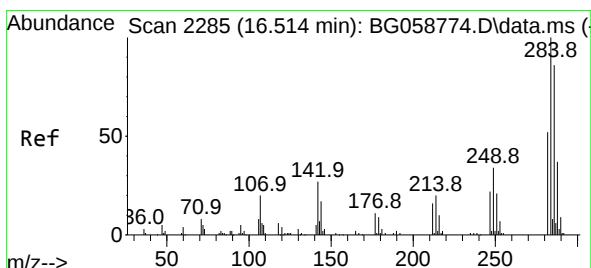
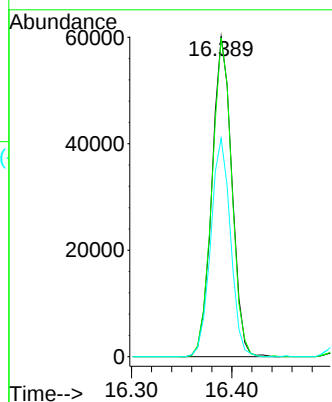
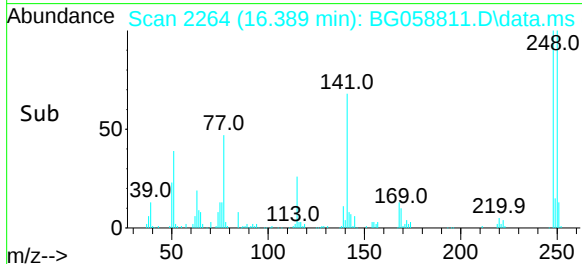


Tgt Ion:248 Resp: 82710
Ion Ratio Lower Upper
248 100
250 99.6 77.7 116.5
141 68.3 53.6 80.4

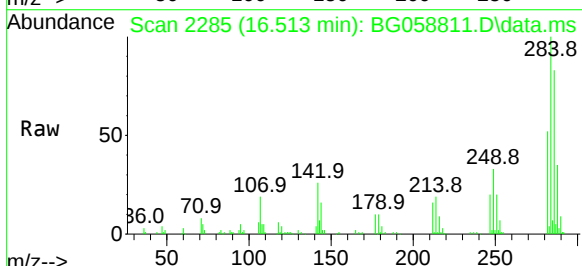
Manual Integrations

APPROVED

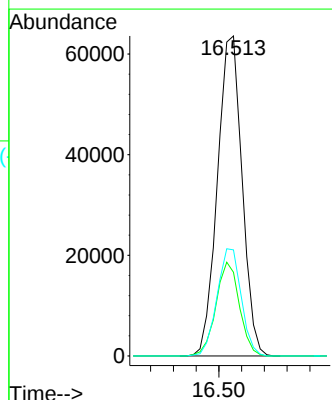
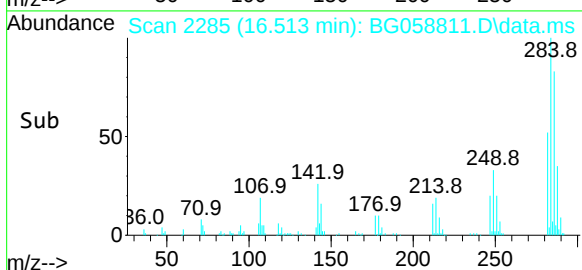
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

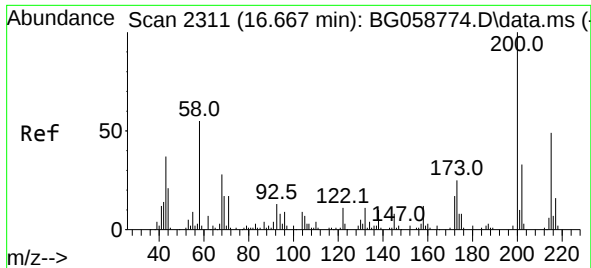


#68
Hexachlorobenzene
Concen: 40.547 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:284 Resp: 95707
Ion Ratio Lower Upper
284 100
142 26.1 22.0 33.0
249 33.1 27.2 40.8





#69
 Atrazine
 Concen: 46.337 ng
 RT: 16.666 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG058811.D
 Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

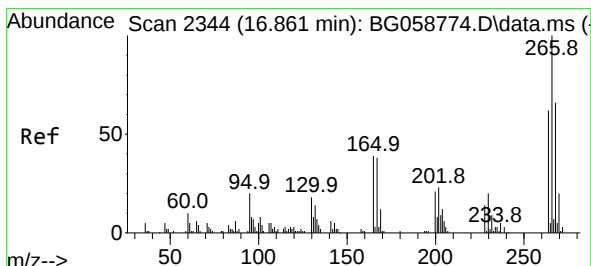
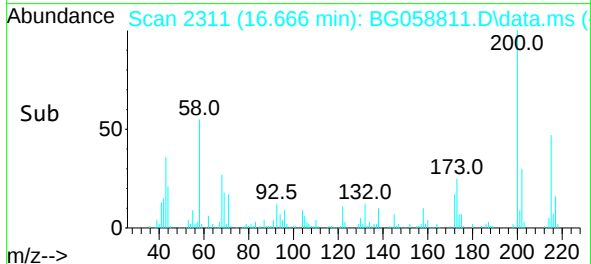
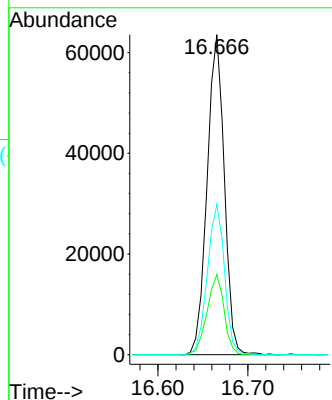
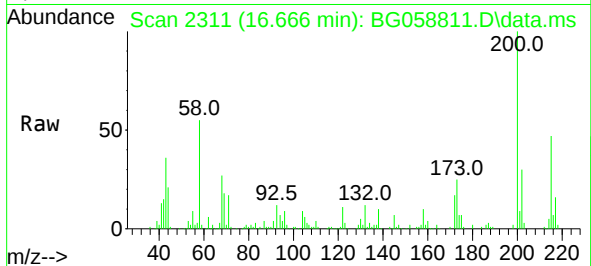
TP-LMSD

Tgt Ion:200 Resp: 84472
 Ion Ratio Lower Upper
 200 100
 173 25.0 5.3 45.3
 215 47.0 29.4 69.4

Manual Integrations

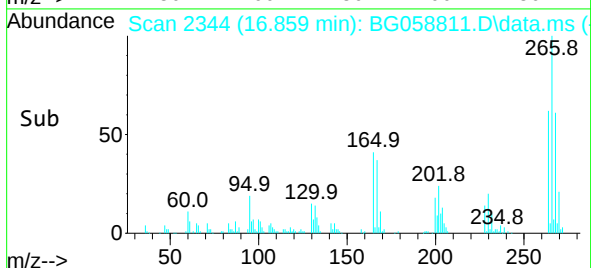
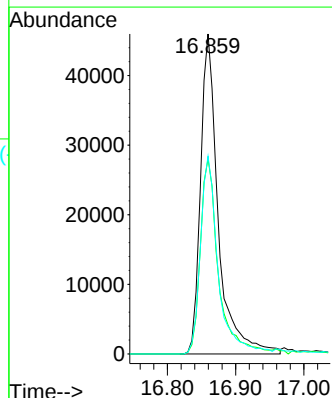
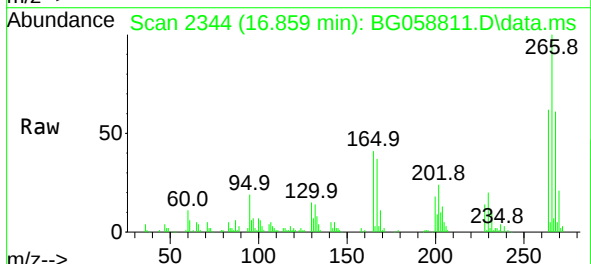
APPROVED

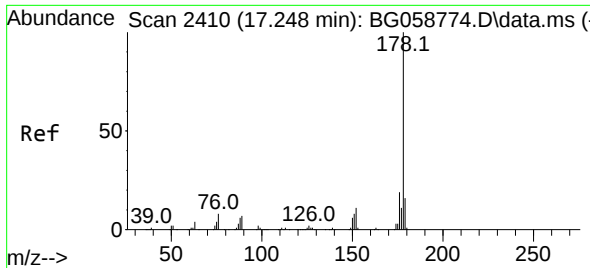
Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023



#70
 Pentachlorophenol
 Concen: 67.126 ng
 RT: 16.859 min Scan# 2344
 Delta R.T. -0.002 min
 Lab File: BG058811.D
 Acq: 22 Aug 2023 17:06

Tgt Ion:266 Resp: 83084
 Ion Ratio Lower Upper
 266 100
 268 61.0 52.7 79.1
 264 61.8 49.5 74.3





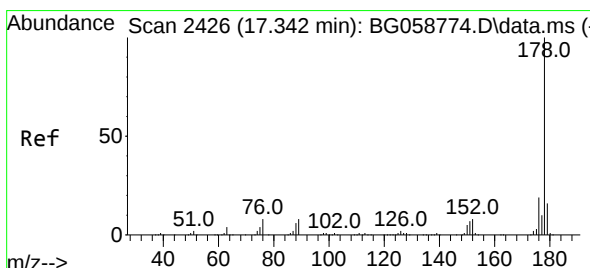
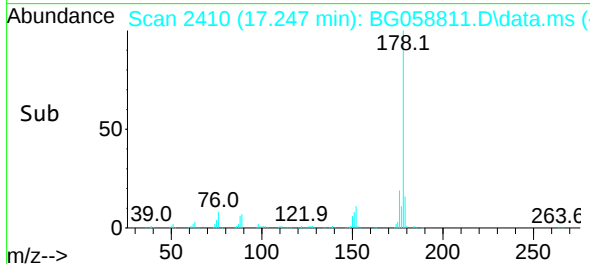
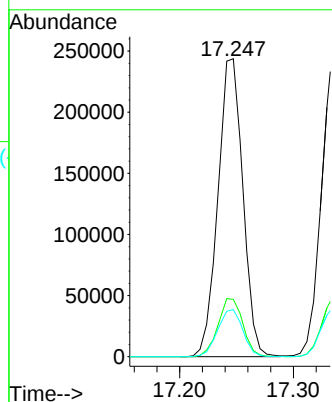
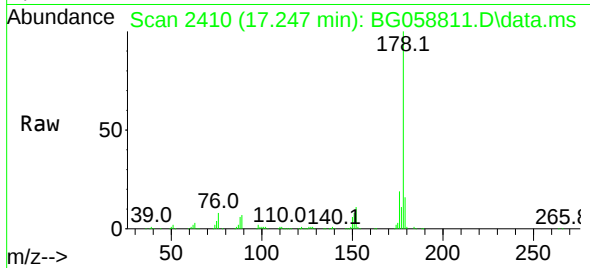
#71
Phenanthrene
Concen: 38.713 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :
BNA_G
ClientSampleId :
TP-LMSD

Tgt Ion:178 Resp: 37144
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.8 13.0 19.4

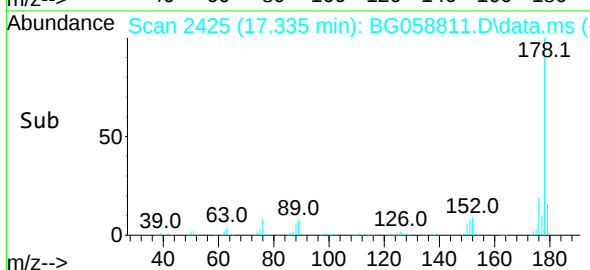
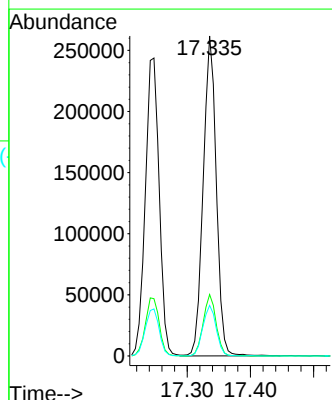
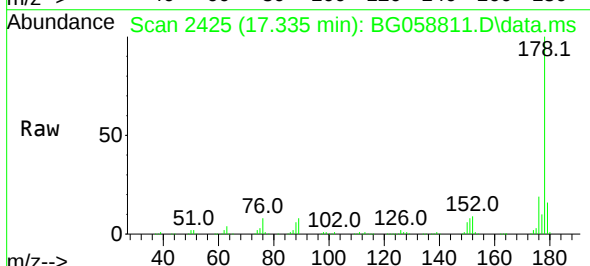
Manual Integrations
APPROVED

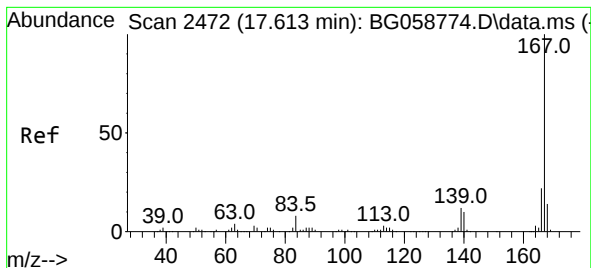
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#72
Anthracene
Concen: 39.010 ng
RT: 17.335 min Scan# 2425
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Tgt Ion:178 Resp: 375392
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.9 19.3





#73

Carbazole

Concen: 40.234 ng

RT: 17.611 min Scan# 2472

Delta R.T. -0.001 min

Lab File: BG058811.D

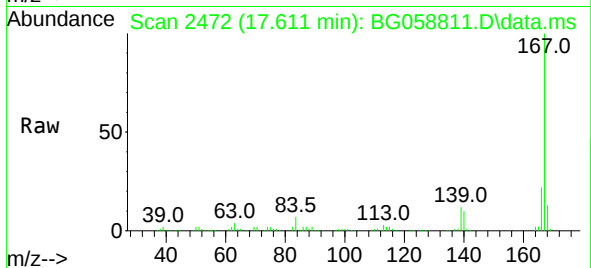
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD



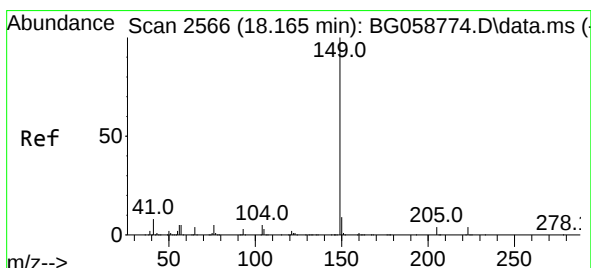
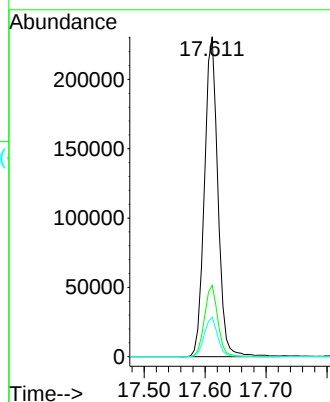
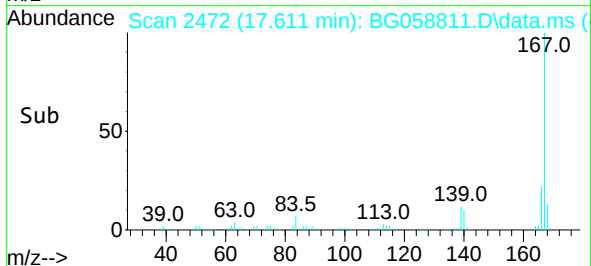
Tgt Ion:	167	Resp:	35454
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	12.3	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#74

Di-n-butylphthalate

Concen: 39.426 ng

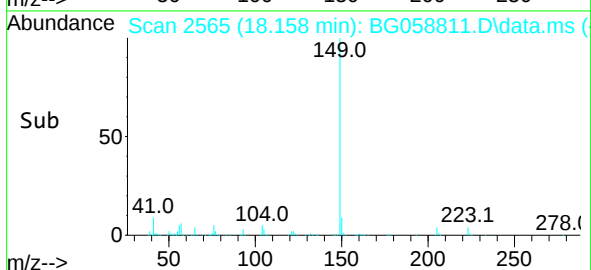
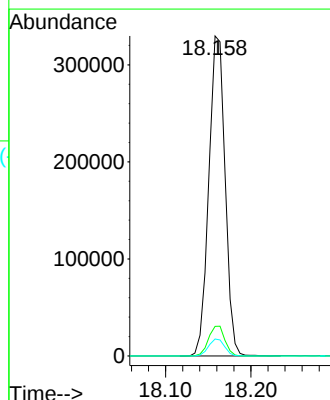
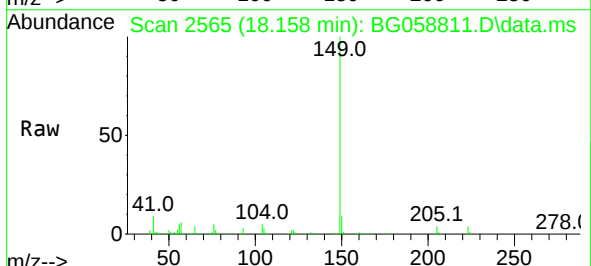
RT: 18.158 min Scan# 2565

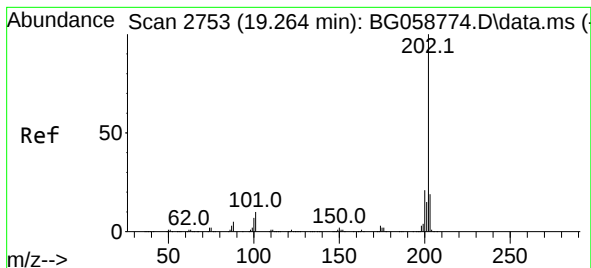
Delta R.T. -0.007 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

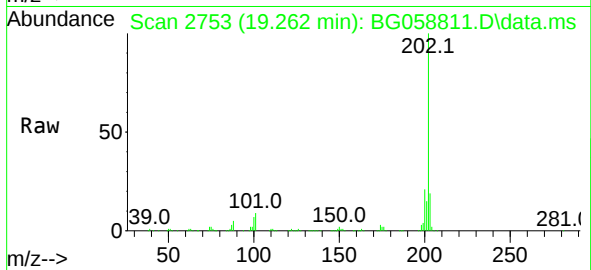
Tgt Ion:	149	Resp:	438278
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.3	4.3	6.5





#75
Fluoranthene
Concen: 38.590 ng
RT: 19.262 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

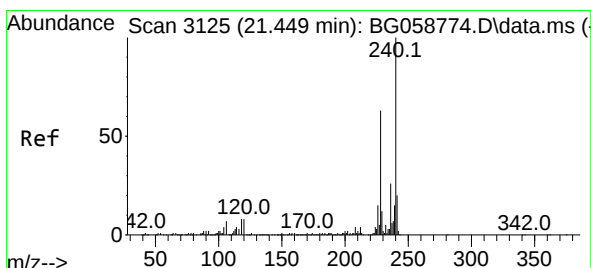
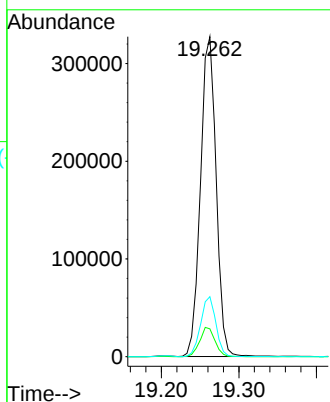
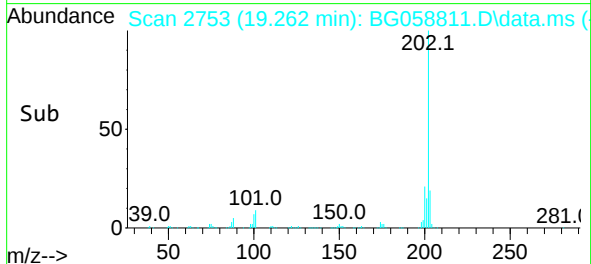
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



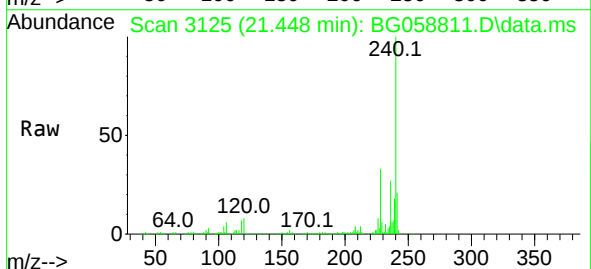
Tgt Ion:202 Resp: 459158
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.7
203 18.8 0.0 38.7

Manual Integrations
APPROVED

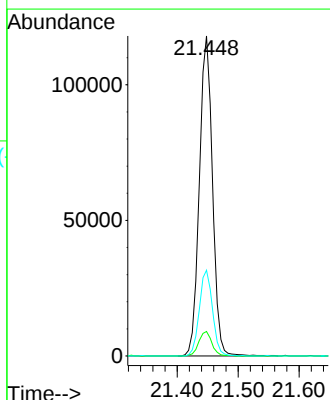
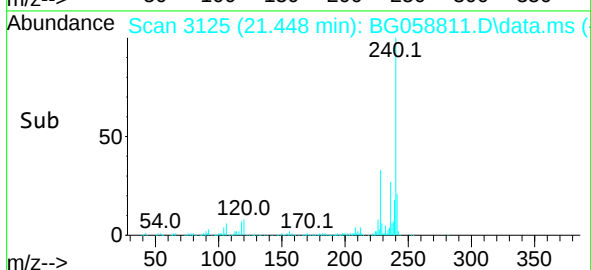
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

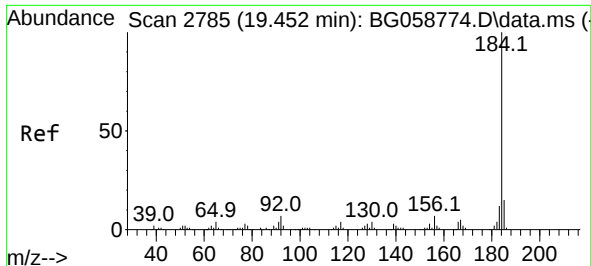


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



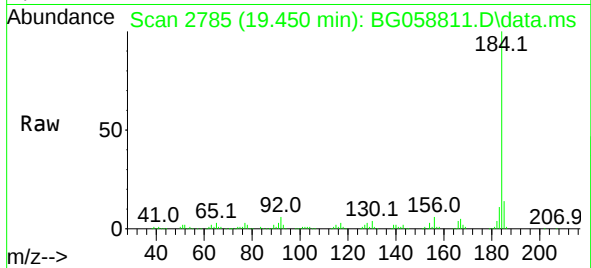
Tgt Ion:240 Resp: 176474
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 26.8 20.5 30.7





#77
Benzidine
Concen: 55.914 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

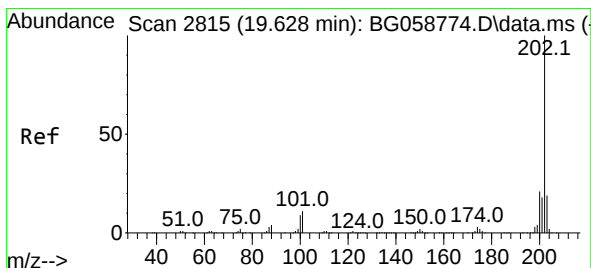
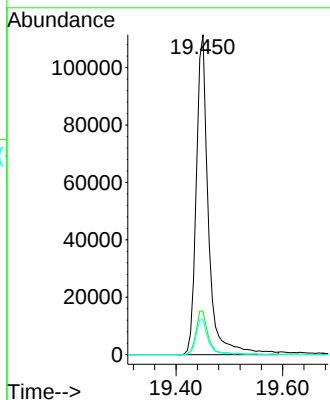
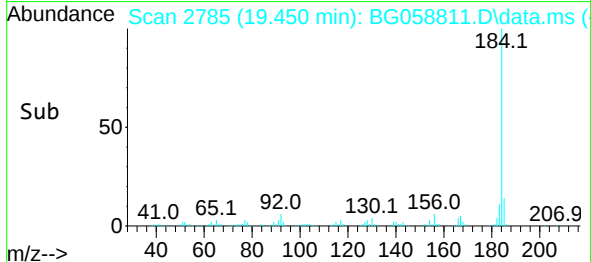
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



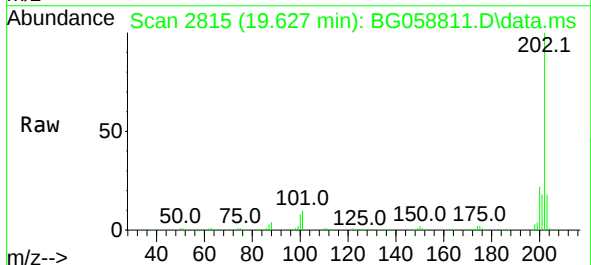
Tgt Ion:184 Resp: 17684
Ion Ratio Lower Upper
184 100
185 13.6 11.9 17.9
183 11.0 10.0 15.0

Manual Integrations
APPROVED

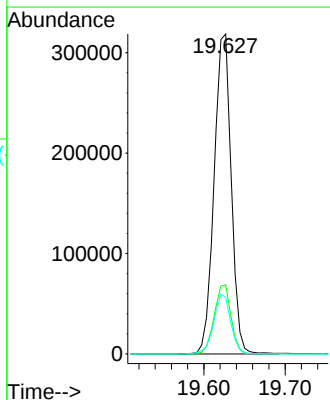
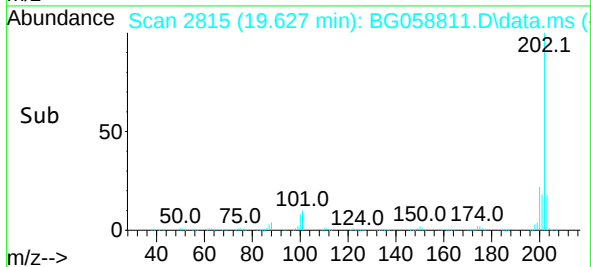
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

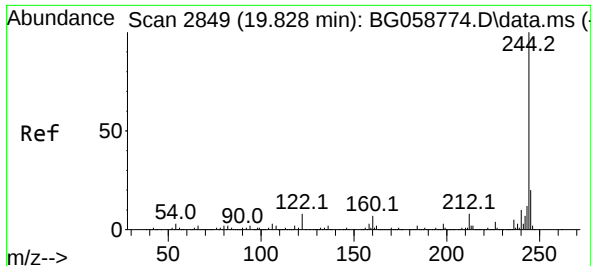


#78
Pyrene
Concen: 37.945 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:202 Resp: 466576
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.7 15.3 22.9





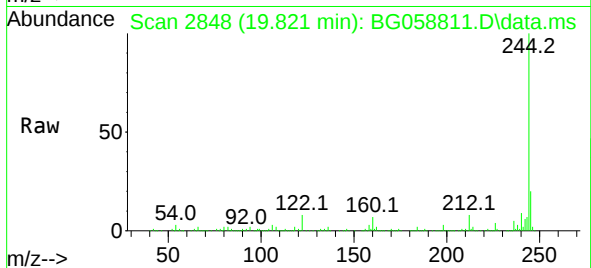
#79
Terphenyl-d14
Concen: 50.951 ng
RT: 19.821 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

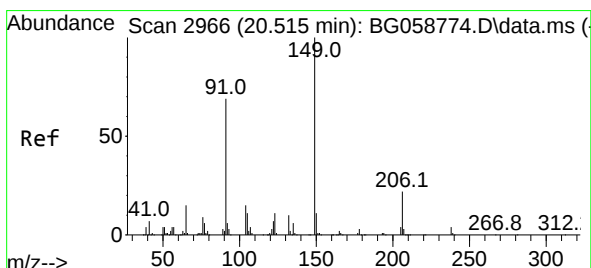
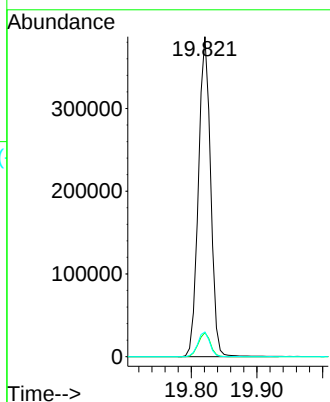
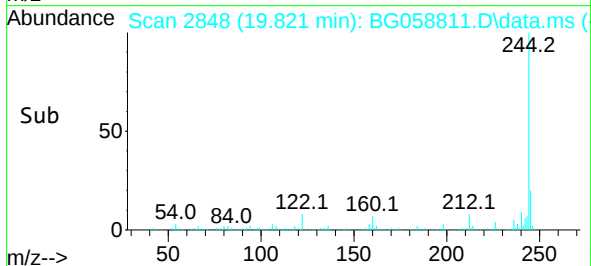


Tgt Ion:244 Resp: 50075
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 7.7 6.3 9.5

Manual Integrations

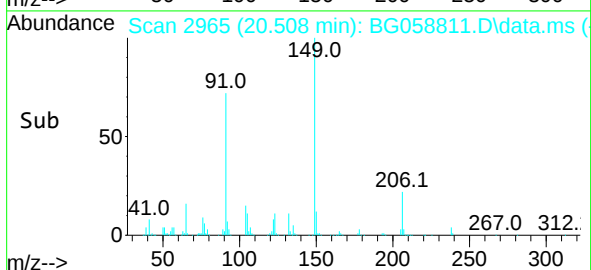
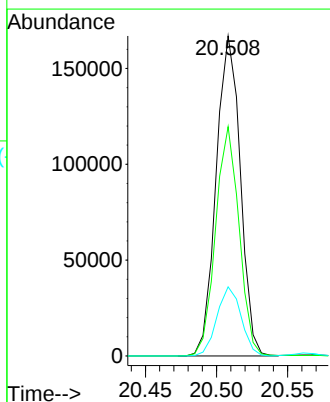
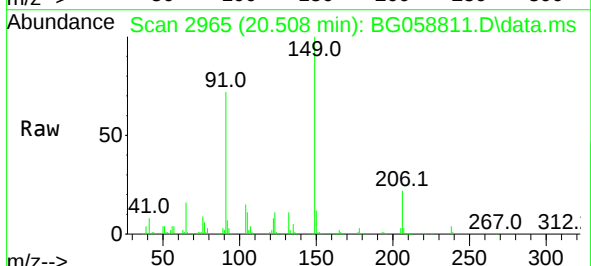
APPROVED

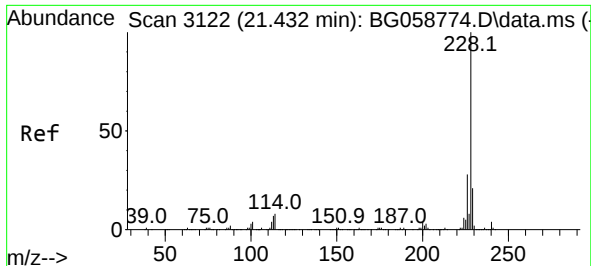
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#80
Butylbenzylphthalate
Concen: 39.553 ng
RT: 20.508 min Scan# 2965
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

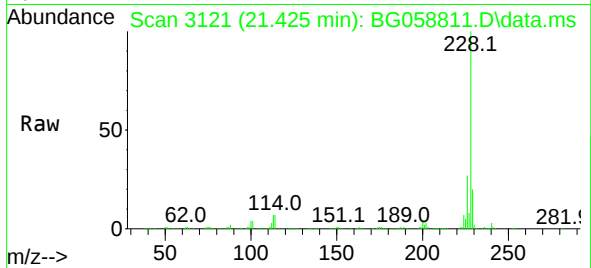
Tgt Ion:149 Resp: 197246
Ion Ratio Lower Upper
149 100
91 71.6 55.0 82.4
206 21.6 17.6 26.4





#81
Benzo(a)anthracene
Concen: 38.903 ng
RT: 21.425 min Scan# 3122
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

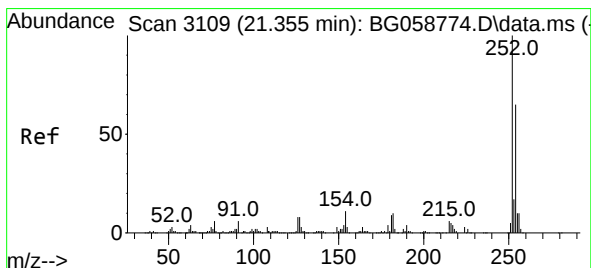
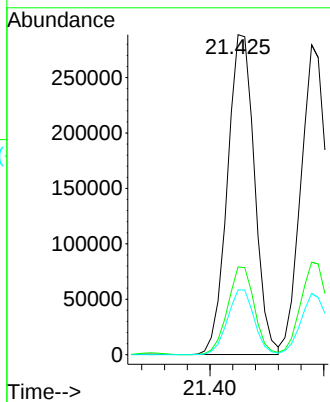
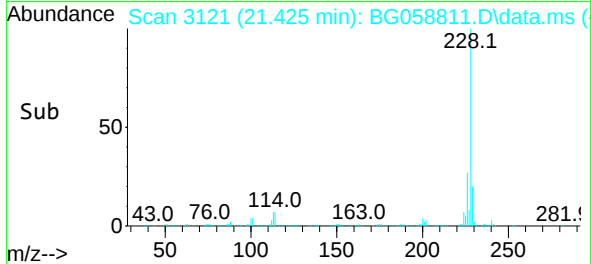
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



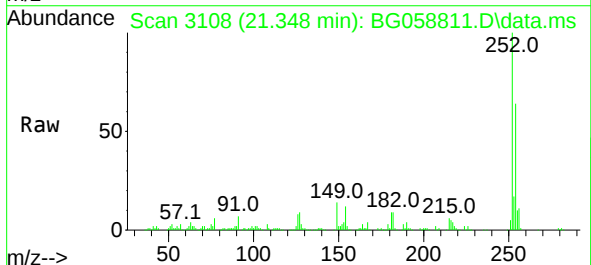
Tgt Ion:228 Resp: 477892
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.3 16.8 25.2

Manual Integrations
APPROVED

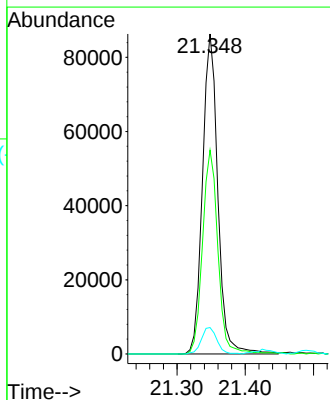
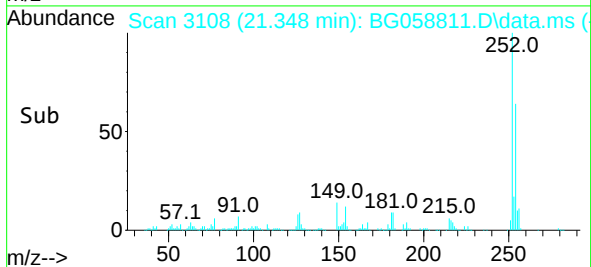
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

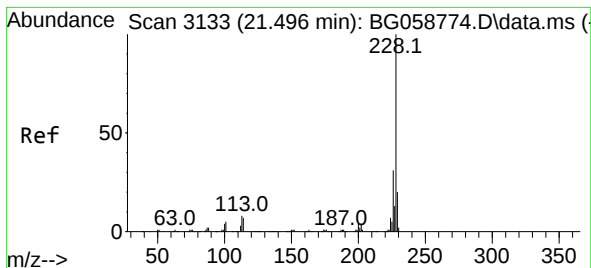


#82
3,3'-Dichlorobenzidine
Concen: 31.868 ng
RT: 21.348 min Scan# 3108
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:252 Resp: 135152
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 8.3 6.6 9.8





#83

Chrysene

Concen: 37.298 ng

RT: 21.489 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

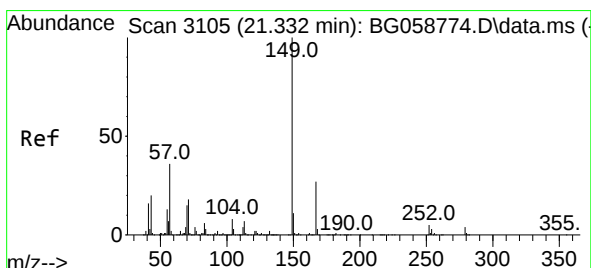
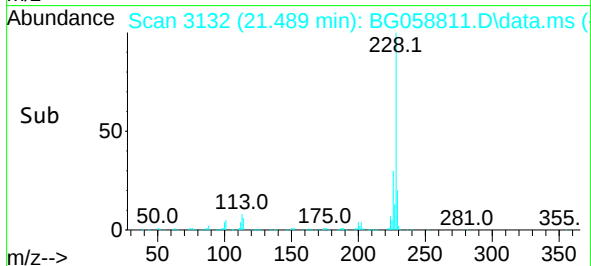
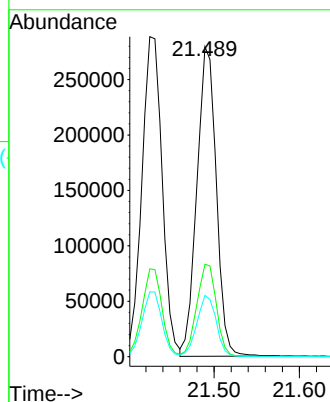
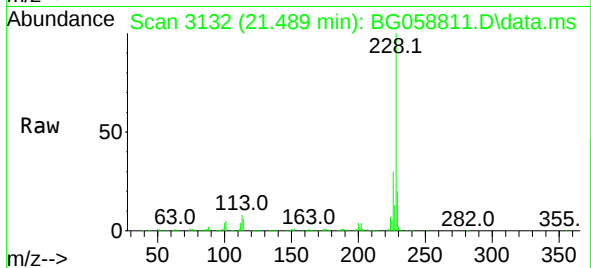
Tgt Ion:228 Resp: 441624
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.4 36.6
 229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.753 ng

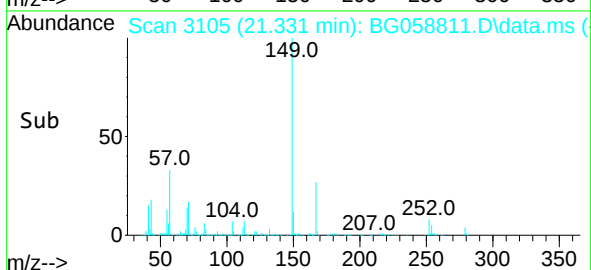
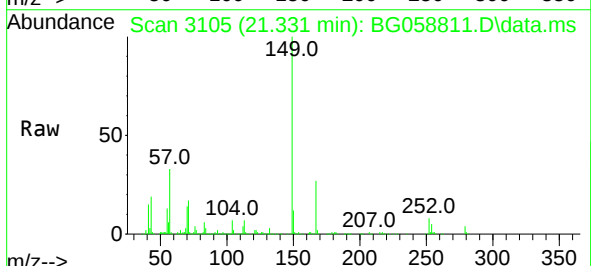
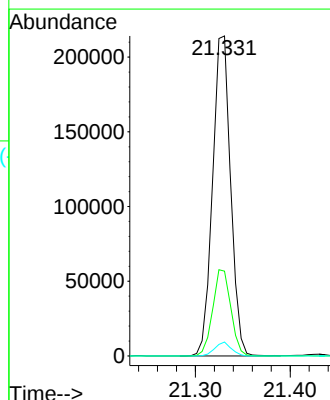
RT: 21.331 min Scan# 3105

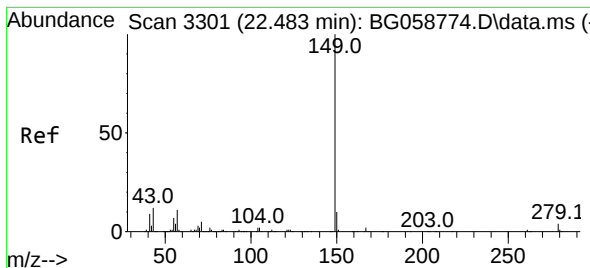
Delta R.T. -0.001 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

Tgt Ion:149 Resp: 283447
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.7 32.5
 279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.875 ng

RT: 22.476 min Scan# 3301

Delta R.T. -0.007 min

Lab File: BG058811.D

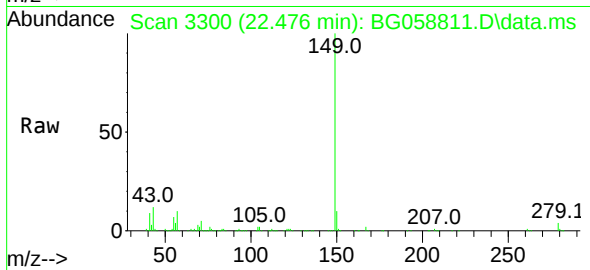
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD



Tgt Ion:149 Resp: 501638

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

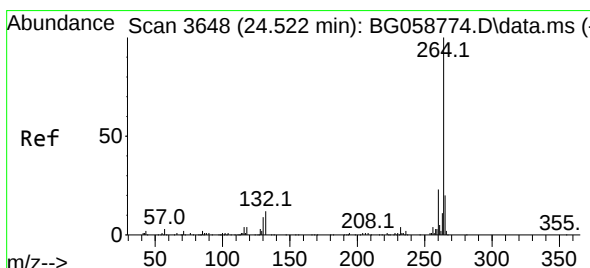
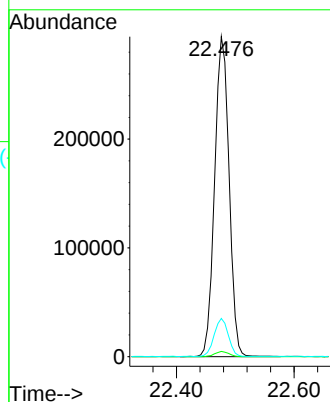
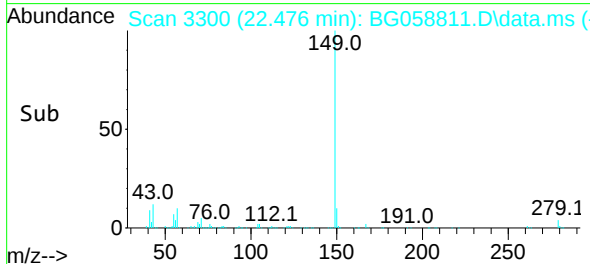
43 11.7 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 3647

Delta R.T. -0.007 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

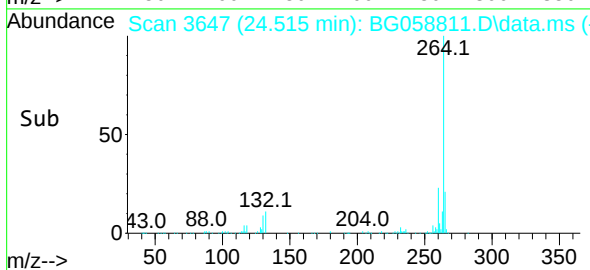
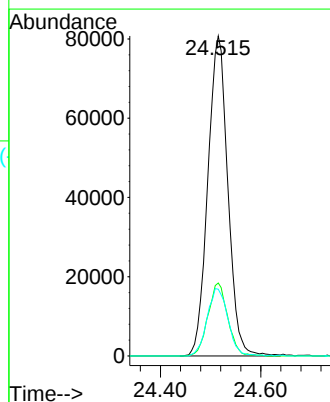
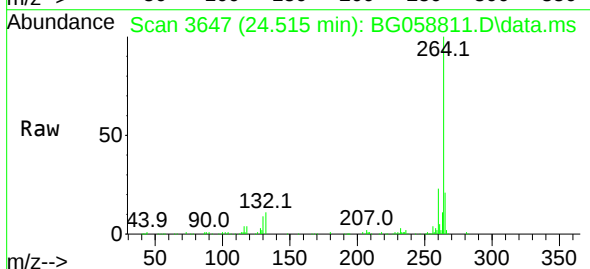
Tgt Ion:264 Resp: 223431

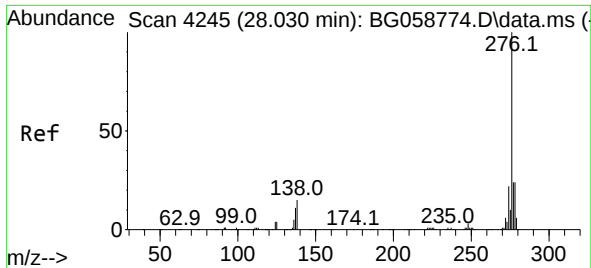
Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

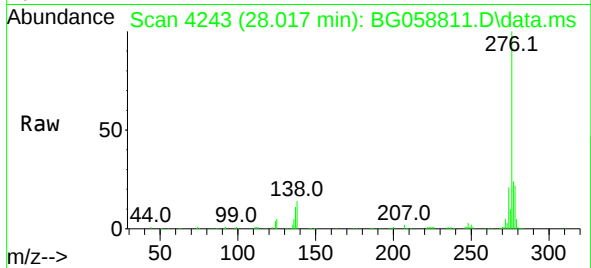
265 20.9 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.600 ng
RT: 28.017 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

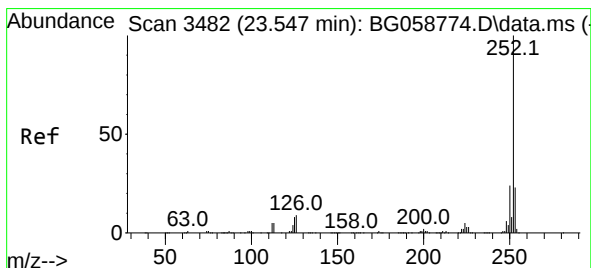
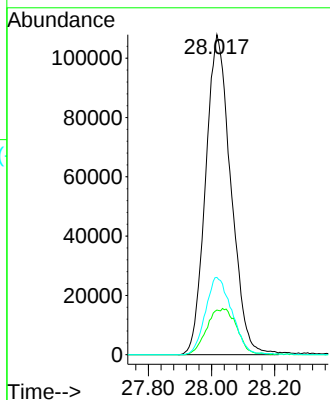
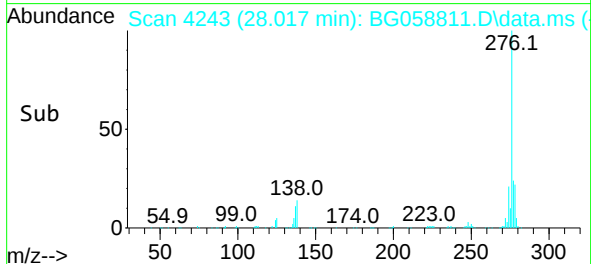
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



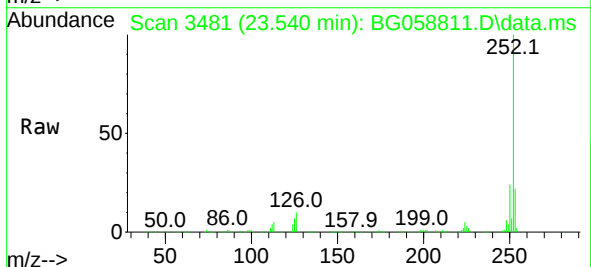
Tgt Ion:276 Resp: 598614
Ion Ratio Lower Upper
276 100
138 17.1 6.2 9.2
277 25.1 20.4 30.6

Manual Integrations
APPROVED

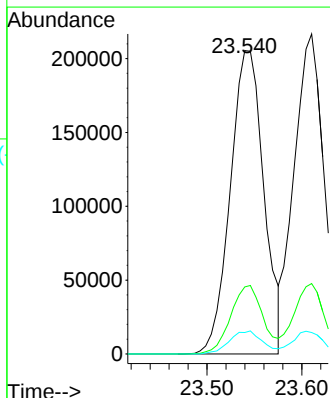
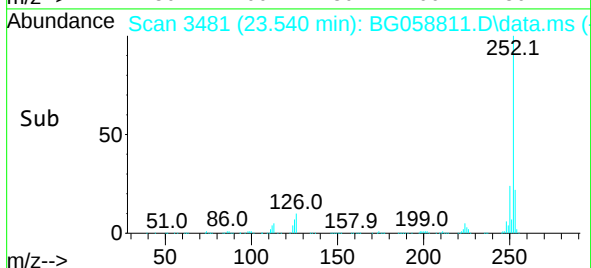
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

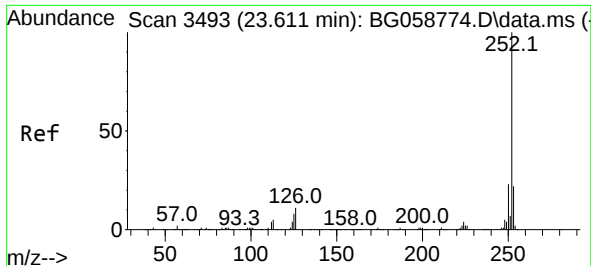


#88
Benzo(b)fluoranthene
Concen: 40.814 ng
RT: 23.540 min Scan# 3481
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:252 Resp: 505977
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.1 6.2 9.2





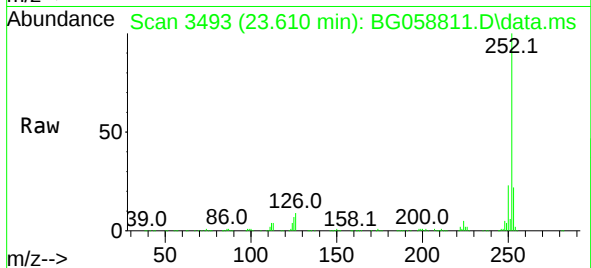
#89
Benzo(k)fluoranthene
Concen: 37.582 ng
RT: 23.610 min Scan# 3493
Delta R.T. -0.001 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

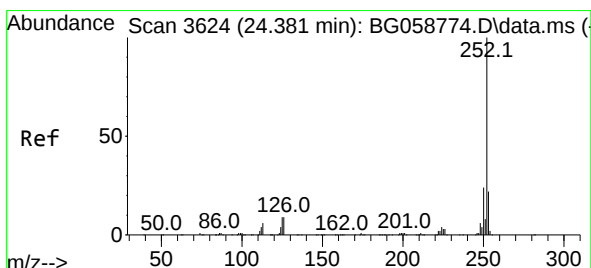
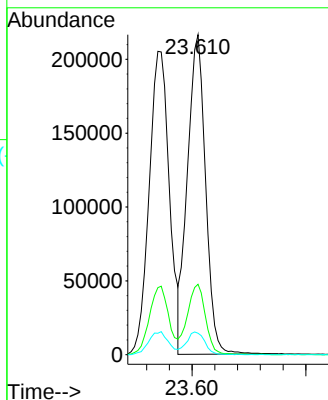
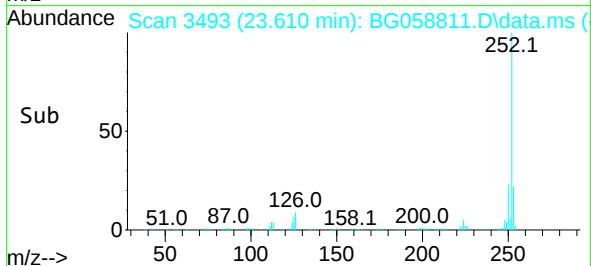


Tgt Ion:252 Resp: 480492
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 6.7 6.3 9.5

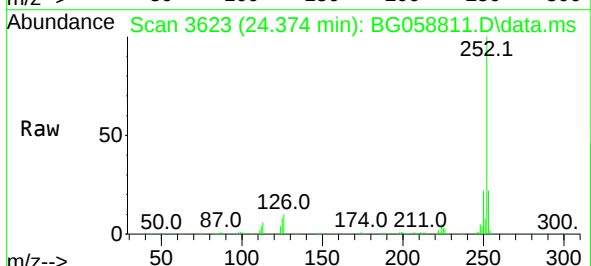
Manual Integrations

APPROVED

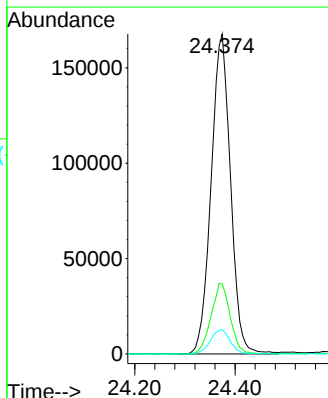
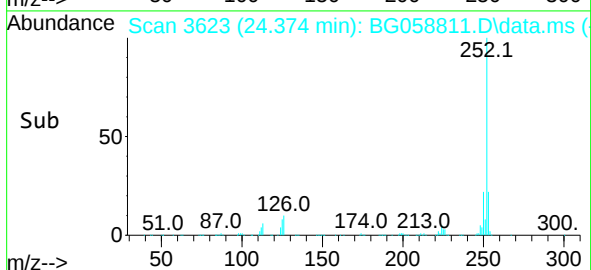
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

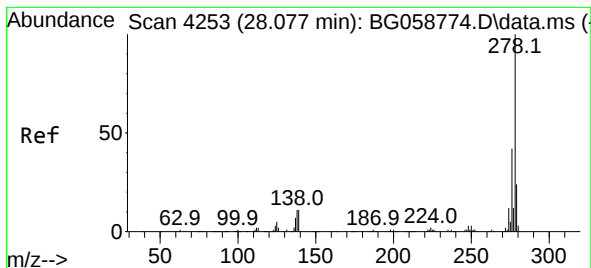


#90
Benzo(a)pyrene
Concen: 36.838 ng
RT: 24.374 min Scan# 3623
Delta R.T. -0.007 min
Lab File: BG058811.D
Acq: 22 Aug 2023 17:06



Tgt Ion:252 Resp: 449678
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.6 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 39.774 ng

RT: 28.070 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

Tgt Ion:278 Resp: 49404

Ion Ratio Lower Upper

278 100

139 11.7 8.9 13.3

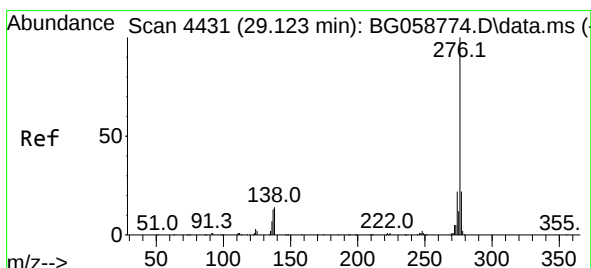
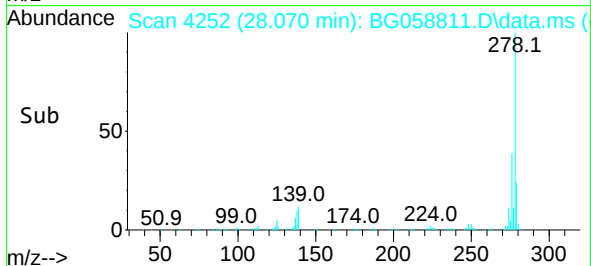
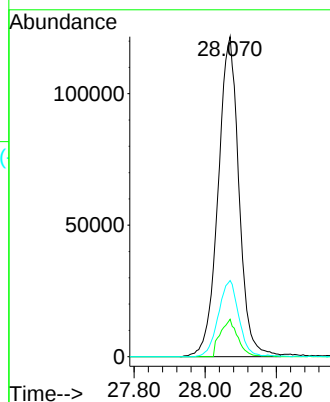
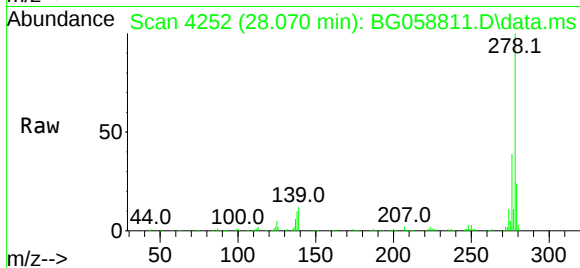
279 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#92

Benzo(g,h,i)perylene

Concen: 39.028 ng

RT: 29.110 min Scan# 4429

Delta R.T. -0.013 min

Lab File: BG058811.D

Acq: 22 Aug 2023 17:06

Tgt Ion:276 Resp: 484696

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 14.9 11.1 16.7

