

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058808.D
 Acq On : 22 Aug 2023 15:03
 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 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023

Quant Time: Aug 23 16:10:11 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	24612	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	107900	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	78951	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	201914	20.000	ng	0.00
76) Chrysene-d12	21.448	240	181324	20.000	ng	0.00
86) Perylene-d12	24.515	264	229941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	141637	92.610	ng	0.00
7) Phenol-d6	6.983	99	197706	92.138	ng	0.00
23) Nitrobenzene-d5	8.969	82	112637	50.188	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	106363	85.920	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	244215	44.990	ng	0.00
79) Terphenyl-d14	19.821	244	513500	50.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	25305	35.193	ng	97
3) Pyridine	3.657	79	62196	32.733	ng	97
4) n-Nitrosodimethylamine	3.581	42	40118	38.836	ng	99
6) Aniline	7.130	93	81144	30.935	ng	99
8) 2-Chlorophenol	7.371	128	70413	45.534	ng	98
9) Benzaldehyde	6.948	77	30351m	25.216	ng	
10) Phenol	7.006	94	96334	46.558	ng	98
11) bis(2-Chloroethyl)ether	7.230	93	66801	41.375	ng	99
12) 1,3-Dichlorobenzene	7.694	146	70896	43.162	ng	97
13) 1,4-Dichlorobenzene	7.841	146	72421	43.601	ng	99
14) 1,2-Dichlorobenzene	8.158	146	70813	44.109	ng	97
15) Benzyl Alcohol	8.046	79	69742	45.459	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	145117m	42.176	ng	
17) 2-Methylphenol	8.258	107	64281	42.298	ng	97
18) Hexachloroethane	8.881	117	26162	43.230	ng	99
19) n-Nitroso-di-n-propyla...	8.610	70	56253	40.556	ng	99
20) 3+4-Methylphenols	8.581	107	89882	43.992	ng	95
22) Acetophenone	8.628	105	111883	38.305	ng	98
24) Nitrobenzene	9.016	77	84545	37.876	ng	98
25) Isophorone	9.533	82	164158	36.781	ng	100
26) 2-Nitrophenol	9.727	139	38537	41.280	ng	97
27) 2,4-Dimethylphenol	9.785	122	65861	41.627	ng	98
28) bis(2-Chloroethoxy)met...	10.020	93	92527	39.138	ng	98
29) 2,4-Dichlorophenol	10.261	162	70908	43.614	ng	92
30) 1,2,4-Trichlorobenzene	10.473	180	76816	39.127	ng	95
31) Naphthalene	10.655	128	216831	38.273	ng	99
32) Benzoic acid	9.956	122	36769	39.124	ng	94
33) 4-Chloroaniline	10.778	127	59378	24.851	ng	97
34) Hexachlorobutadiene	10.937	225	51346	38.751	ng	98
35) Caprolactam	11.560	113	24340m	41.780	ng	
36) 4-Chloro-3-methylphenol	11.906	107	87011	43.036	ng	98
37) 2-Methylnaphthalene	12.271	142	152369	37.446	ng	98
38) 1-Methylnaphthalene	12.494	142	146664	37.971	ng	98
40) 1,2,4,5-Tetrachloroben...	12.647	216	91340	37.527	ng	99
41) Hexachlorocyclopentadiene	12.617	237	78487	81.754	ng	99
43) 2,4,6-Trichlorophenol	12.888	196	65896	42.548	ng	99

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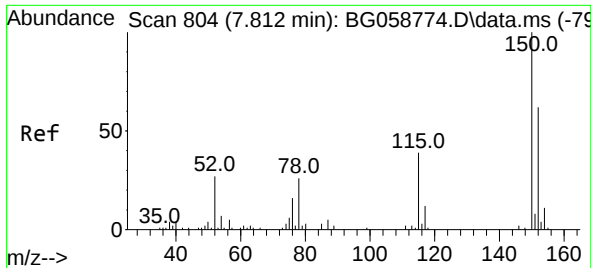
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	70908	38.234	ng	98
46) 1,1'-Biphenyl	13.287	154	206253	37.923	ng	98
47) 2-Chloronaphthalene	13.328	162	164526	38.818	ng	96
48) 2-Nitroaniline	13.546	65	64128	39.838	ng	96
49) Acenaphthylene	14.180	152	277315	39.454	ng	98
50) Dimethylphthalate	13.916	163	228943	37.452	ng	99
51) 2,6-Dinitrotoluene	14.039	165	50824	39.575	ng	94
52) Acenaphthene	14.521	154	154581	37.634	ng	97
53) 3-Nitroaniline	14.374	138	35543	28.695	ng	# 93
54) 2,4-Dinitrophenol	14.592	184	56233	78.485	ng	95
55) Dibenzofuran	14.856	168	270439	38.169	ng	97
56) 4-Nitrophenol	14.691	139	78726	87.418	ng	98
57) 2,4-Dinitrotoluene	14.832	165	73473	41.018	ng	95
58) Fluorene	15.508	166	219468	38.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.085	232	65010	42.956	ng	98
60) Diethylphthalate	15.273	149	242454	38.468	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	121967	39.025	ng	99
62) 4-Nitroaniline	15.543	138	52975	42.143	ng	92
63) Azobenzene	15.790	77	221448	38.264	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	45679	40.023	ng	99
66) n-Nitrosodiphenylamine	15.714	169	197516	37.954	ng	100
67) 4-Bromophenyl-phenylether	16.389	248	82169	37.085	ng	99
68) Hexachlorobenzene	16.513	284	93709	39.296	ng	98
69) Atrazine	16.666	200	86999	47.238	ng	95
70) Pentachlorophenol	16.859	266	85799	68.615	ng	96
71) Phenanthrene	17.247	178	372004	38.377	ng	99
72) Anthracene	17.335	178	379357	39.021	ng	99
73) Carbazole	17.612	167	356359	40.028	ng	99
74) Di-n-butylphthalate	18.158	149	447155	39.815	ng	99
75) Fluoranthene	19.263	202	466708	38.825	ng	99
77) Benzidine	19.445	184	189219	58.227	ng	96
78) Pyrene	19.627	202	479038	37.916	ng	98
80) Butylbenzylphthalate	20.508	149	201444	39.314	ng	99
81) Benzo(a)anthracene	21.425	228	487827	38.649	ng	98
82) 3,3'-Dichlorobenzidine	21.348	252	134723	30.917	ng	98
83) Chrysene	21.489	228	451933	37.147	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	289129	38.473	ng	100
85) Di-n-octyl phthalate	22.476	149	510307	39.479	ng	99
87) Indeno(1,2,3-cd)pyrene	28.011	276	606992	39.017	ng	# 93
88) Benzo(b)fluoranthene	23.540	252	517950	40.597	ng	98
89) Benzo(k)fluoranthene	23.610	252	488851	37.153	ng	98
90) Benzo(a)pyrene	24.374	252	458821	36.523	ng	99
91) Dibenzo(a,h)anthracene	28.064	278	501991	39.269	ng	98
92) Benzo(g,h,i)perylene	29.116	276	492914	38.566	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG058808.D
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BNA_G

ClientSampleId :

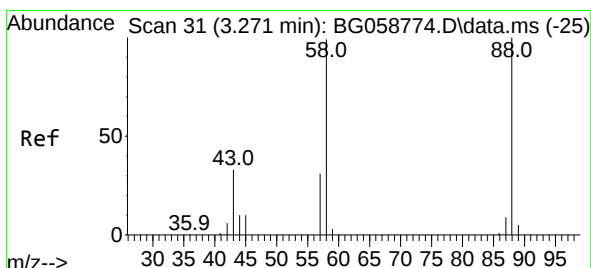
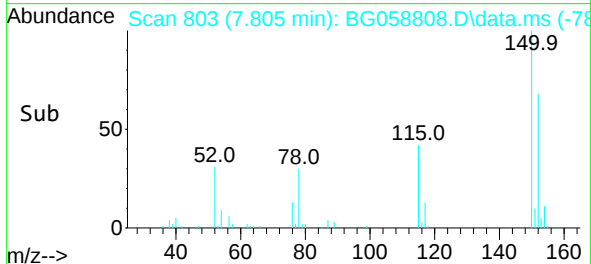
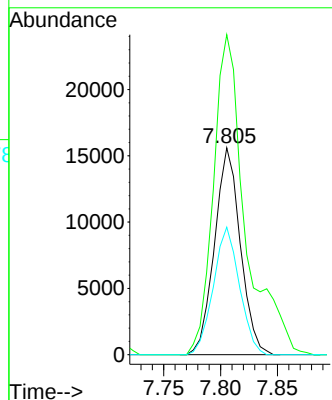
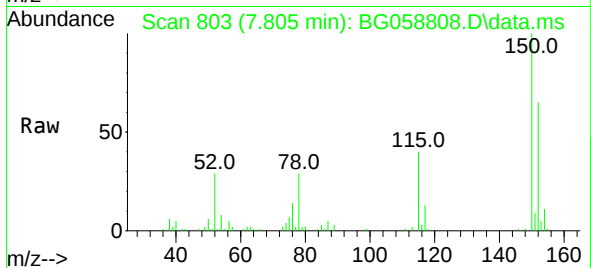
TP-LMSD

Tgt Ion:152 Resp: 2461
Ion Ratio Lower Upper
152 100
150 154.7 128.6 192.8
115 61.7 50.4 75.6

Manual Integrations

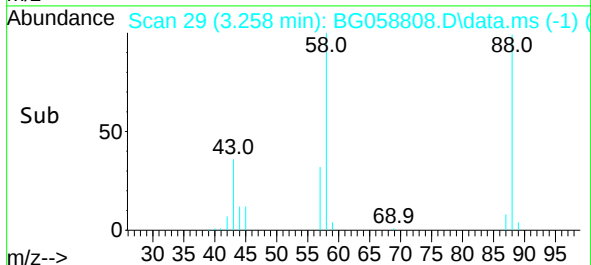
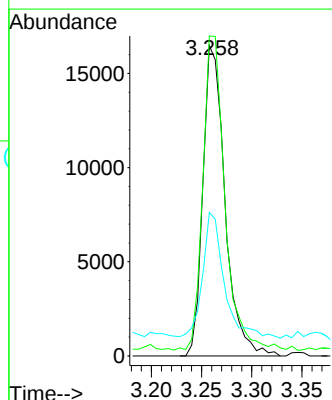
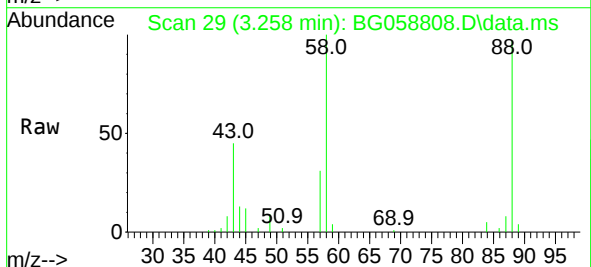
APPROVED

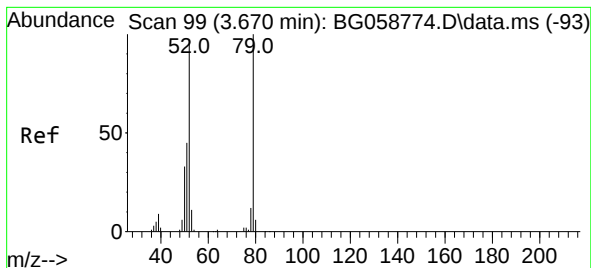
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#2
1,4-Dioxane
Concen: 35.193 ng
RT: 3.258 min Scan# 29
Delta R.T. -0.013 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion: 88 Resp: 25305
Ion Ratio Lower Upper
88 100
58 100.4 82.8 124.2
43 39.7 30.1 45.1





#3

Pyridine

Concen: 32.733 ng

RT: 3.657 min Scan# 91

Delta R.T. -0.013 min

Lab File: BG058808.D

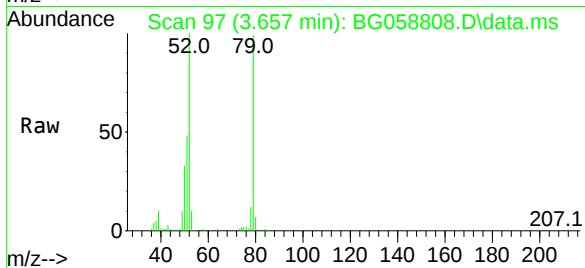
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD



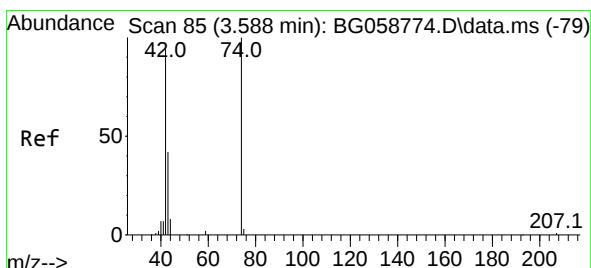
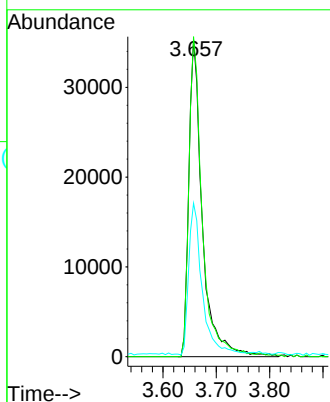
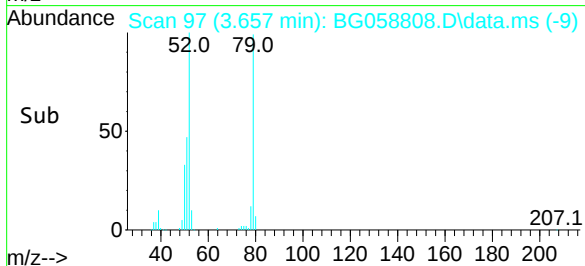
Tgt Ion: 79	Resp: 62190
Ion Ratio	Lower Upper
79	100
52	101.0 77.6 116.4
51	48.4 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 09/12/2023



#4

n-Nitrosodimethylamine

Concen: 38.836 ng

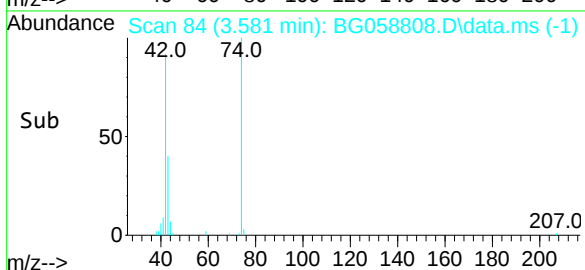
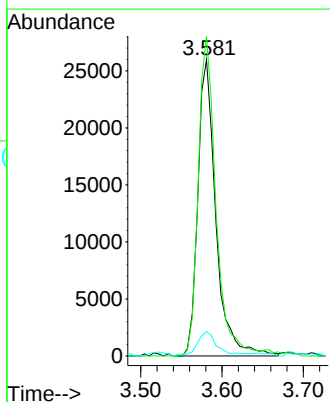
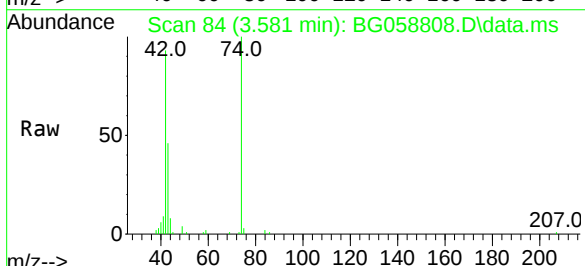
RT: 3.581 min Scan# 84

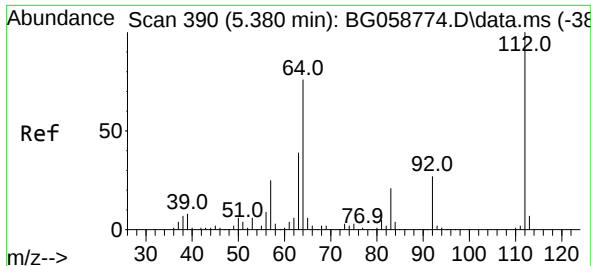
Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Tgt Ion: 42	Resp: 40118
Ion Ratio	Lower Upper
42	100
74	107.9 85.1 127.7
44	8.3 6.9 10.3





#5
2-Fluorophenol
Concen: 92.610 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

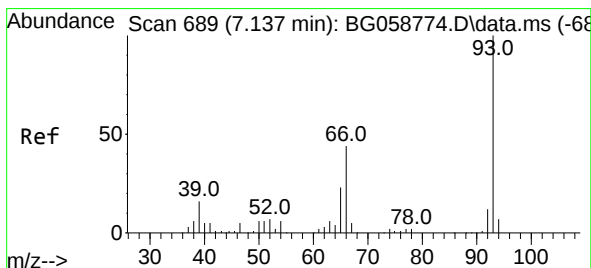
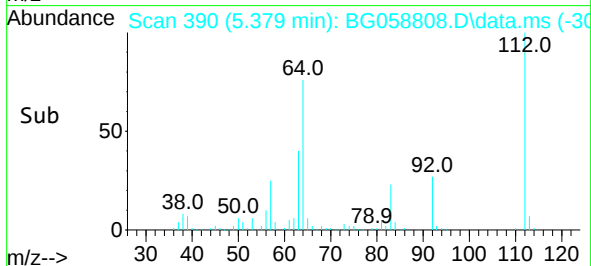
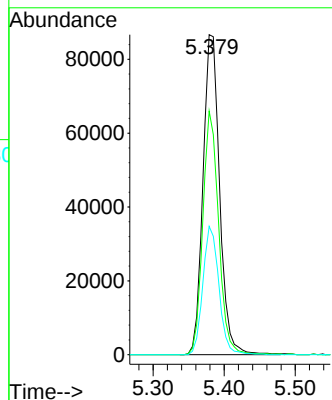
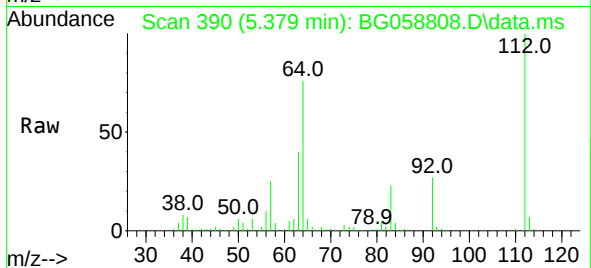
TP-LMSD

Tgt Ion:112 Resp: 14163
Ion Ratio Lower Upper
112 100
64 76.1 60.6 90.8
63 40.1 31.0 46.4

Manual Integrations

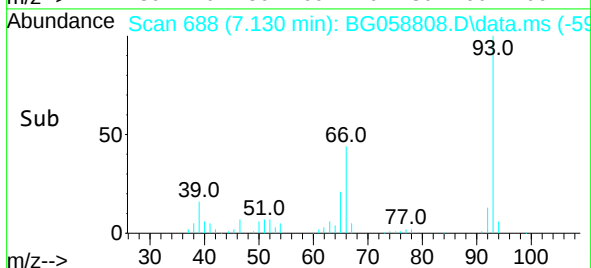
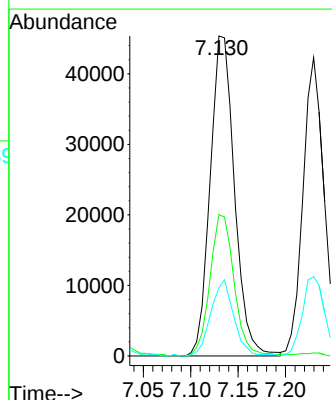
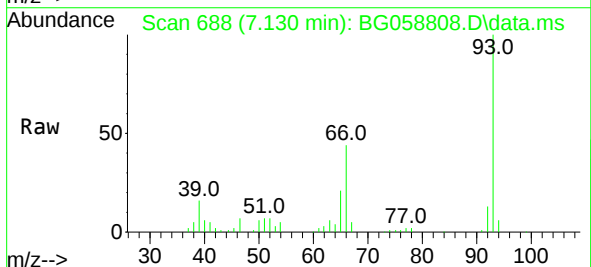
APPROVED

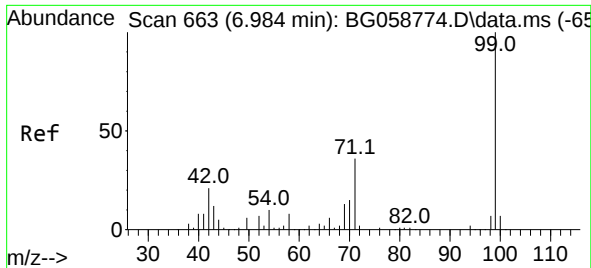
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#6
Aniline
Concen: 30.935 ng
RT: 7.130 min Scan# 688
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

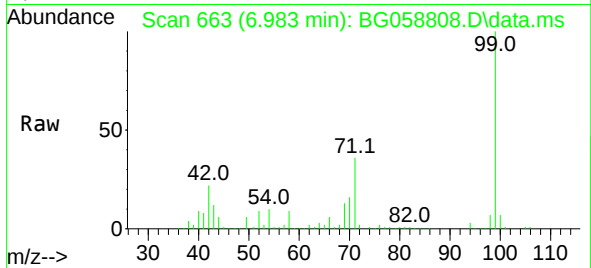
Tgt Ion: 93 Resp: 81144
Ion Ratio Lower Upper
93 100
66 44.2 35.7 53.5
65 21.3 18.2 27.2





#7
Phenol-d6
Concen: 92.138 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

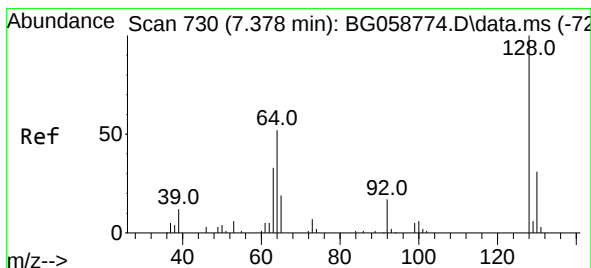
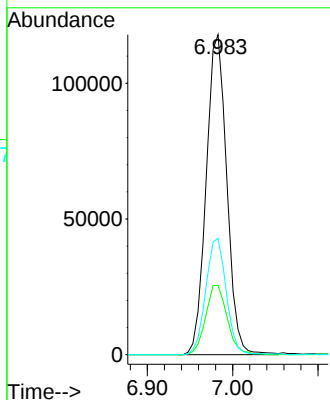
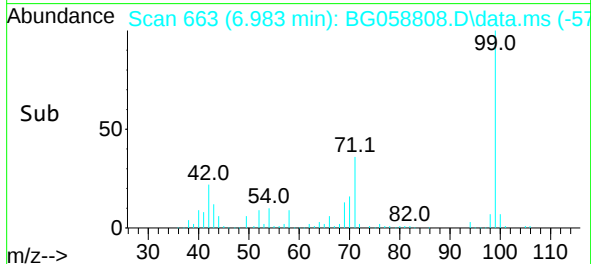
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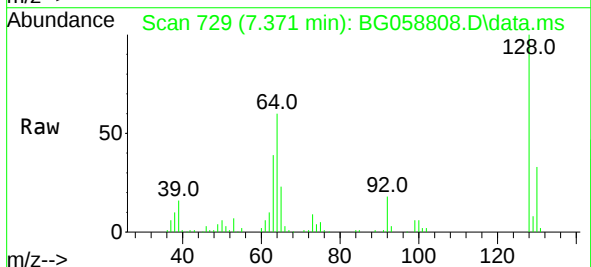
Tgt Ion: 99 Resp: 197700
Ion Ratio Lower Upper
99 100
42 21.7 16.5 24.7
71 36.4 28.4 42.6

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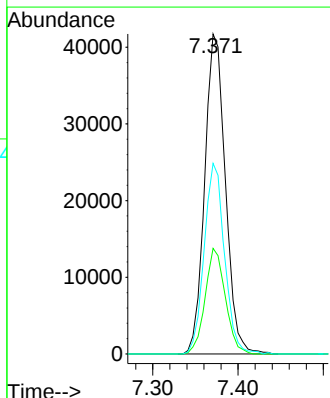
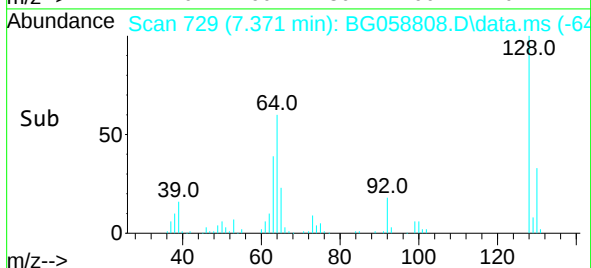
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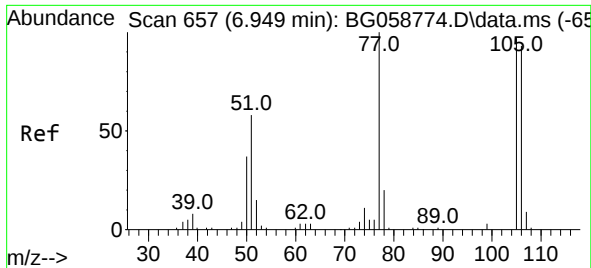


#8
2-Chlorophenol
Concen: 45.534 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



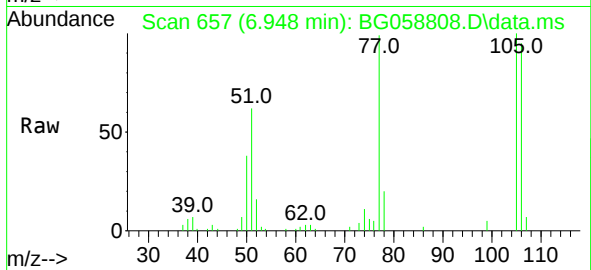
Tgt Ion:128 Resp: 70413
Ion Ratio Lower Upper
128 100
130 33.0 10.9 50.9
64 59.6 38.4 78.4





#9
Benzaldehyde
Concen: 25.216 ng m
RT: 6.948 min Scan# 657
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

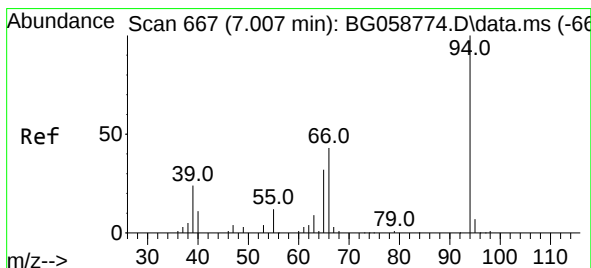
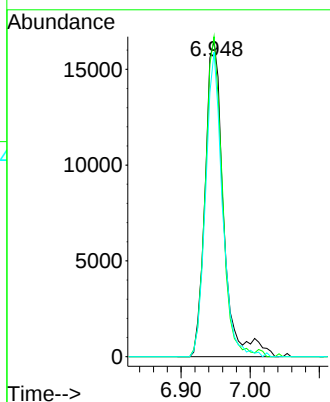
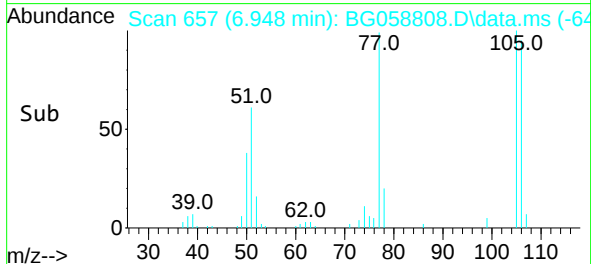
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion: 77 Resp: 3035
Ion Ratio Lower Upper
77 100
105 101.5 76.7 116.7
106 96.6 73.4 113.4

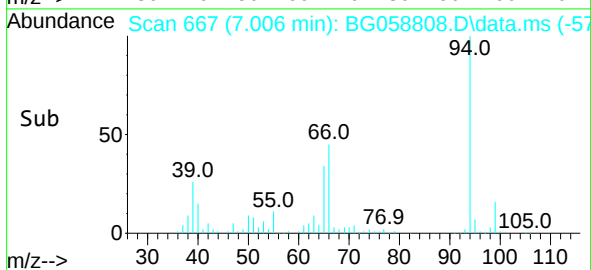
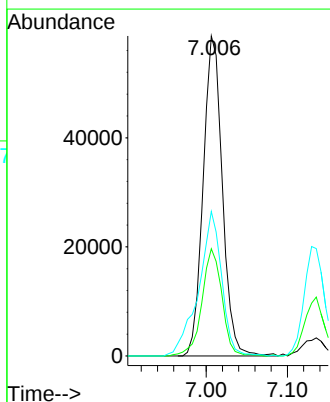
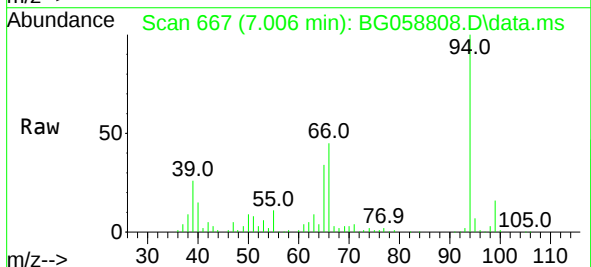
Manual Integrations
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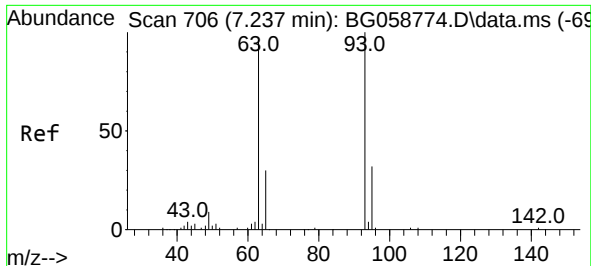
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#10
Phenol
Concen: 46.558 ng
RT: 7.006 min Scan# 667
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

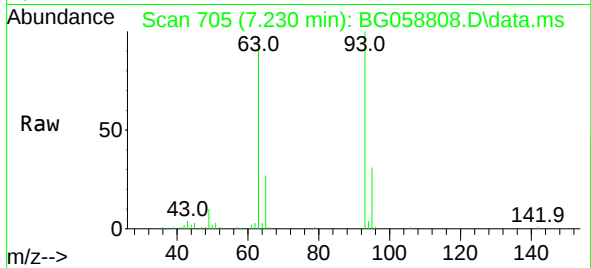
Tgt Ion: 94 Resp: 96334
Ion Ratio Lower Upper
94 100
65 33.5 12.6 52.6
66 45.2 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 41.375 ng
RT: 7.230 min Scan# 706
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

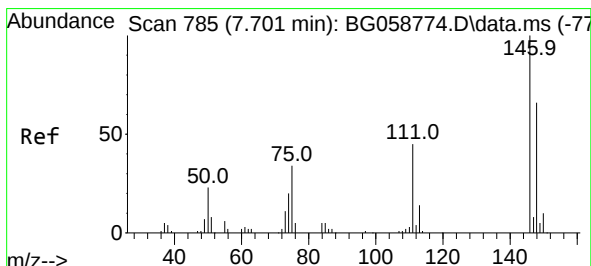
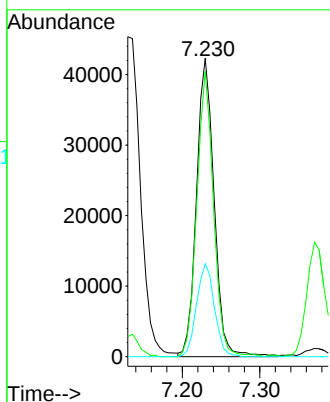
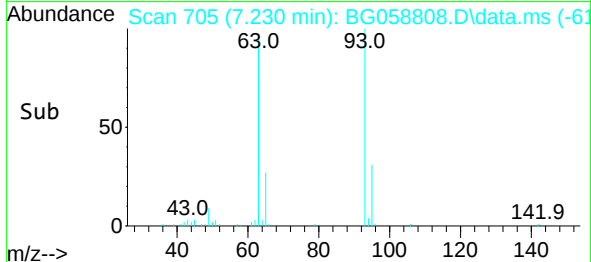
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



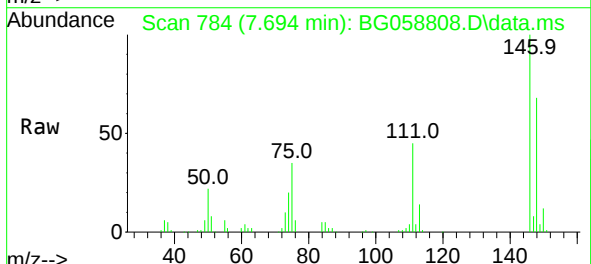
Tgt Ion: 93 Resp: 6680
Ion Ratio Lower Upper
93 100
63 95.6 74.8 114.8
95 31.2 12.1 52.1

Manual Integrations
APPROVED

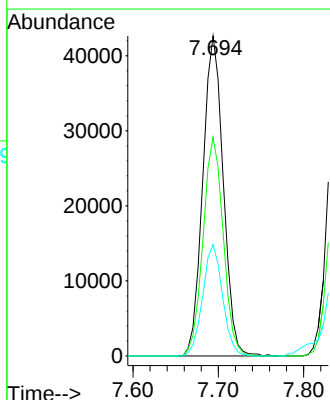
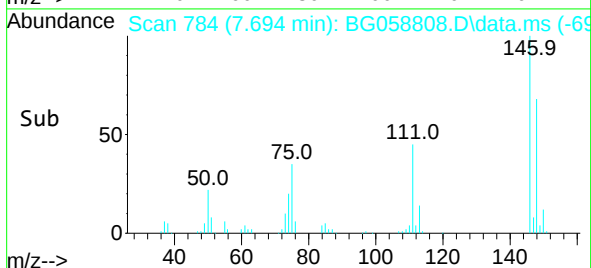
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

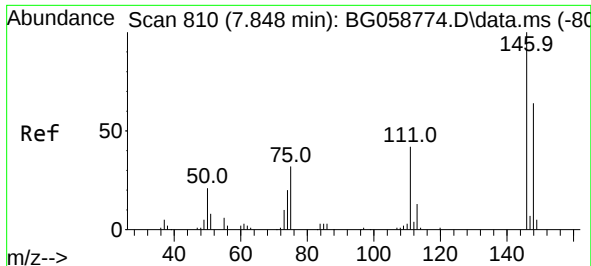


#12
1,3-Dichlorobenzene
Concen: 43.162 ng
RT: 7.694 min Scan# 784
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion:146 Resp: 70896
Ion Ratio Lower Upper
146 100
148 68.3 52.4 78.6
75 34.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 43.601 ng

RT: 7.841 min Scan# 809

Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

Tgt Ion:146 Resp: 7242

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

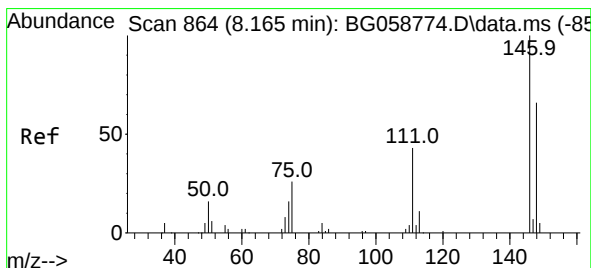
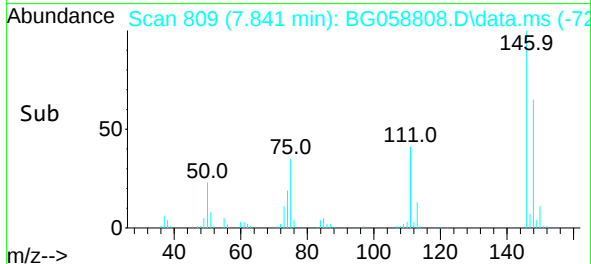
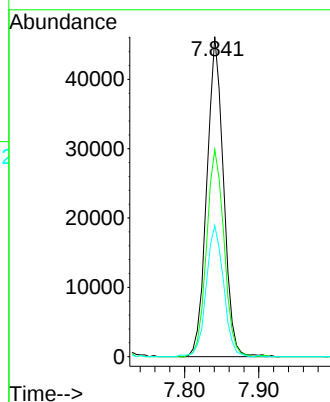
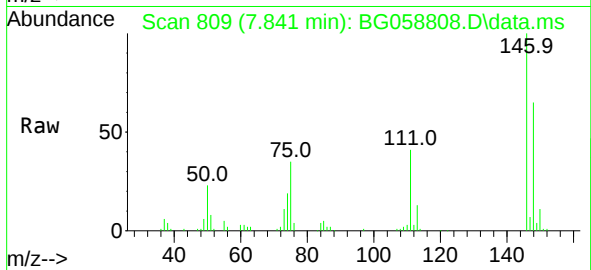
111 41.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#14

1,2-Dichlorobenzene

Concen: 44.109 ng

RT: 8.158 min Scan# 863

Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

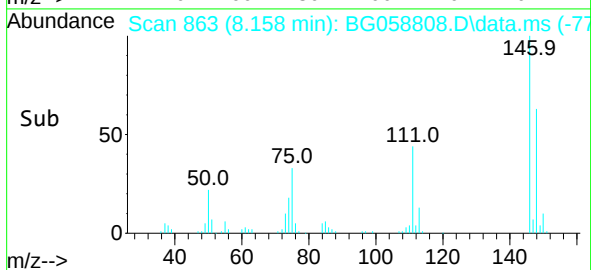
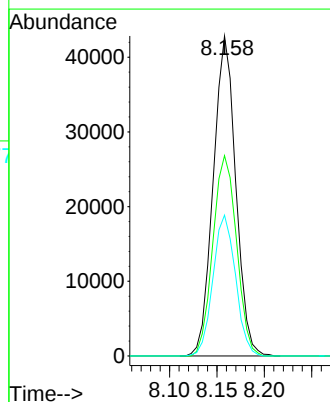
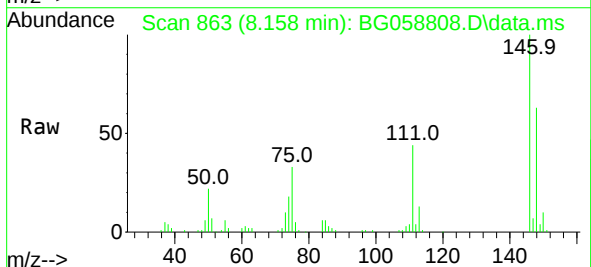
Tgt Ion:146 Resp: 70813

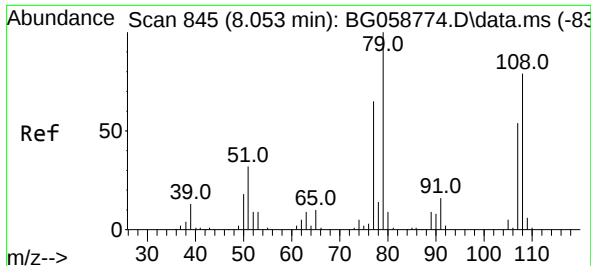
Ion Ratio Lower Upper

146 100

148 62.6 52.9 79.3

111 44.0 35.5 53.3





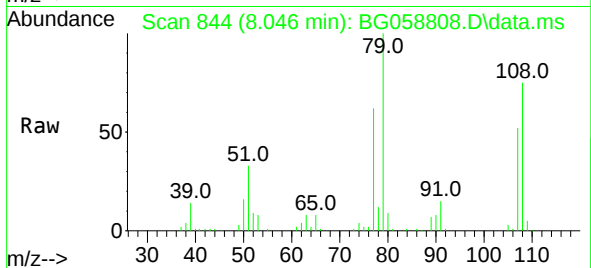
#15
Benzyl Alcohol
Concen: 45.459 ng
RT: 8.046 min Scan# 845
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

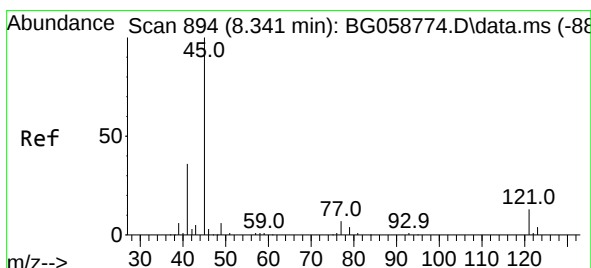
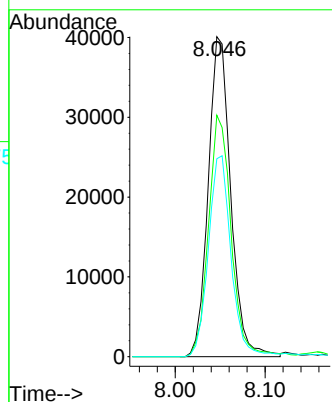
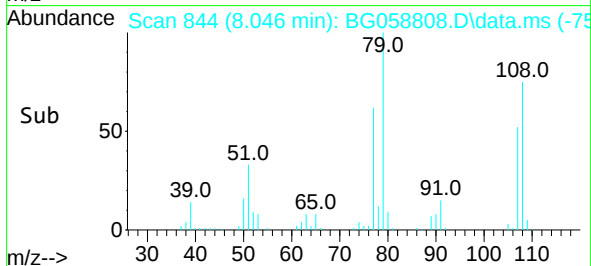
TP-LMSD



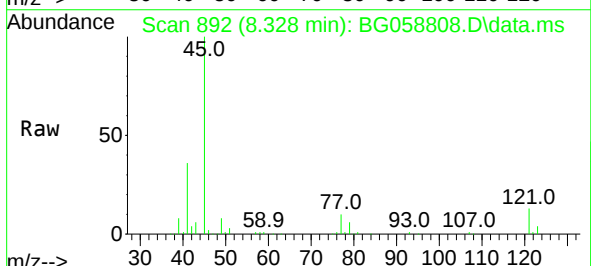
Tgt Ion: 79 Resp: 6974
Ion Ratio Lower Upper
79 100
108 75.4 63.4 95.0
77 61.9 52.2 78.2

Manual Integrations
APPROVED

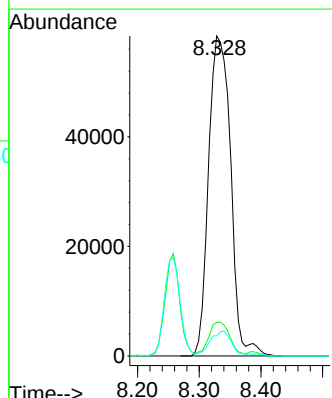
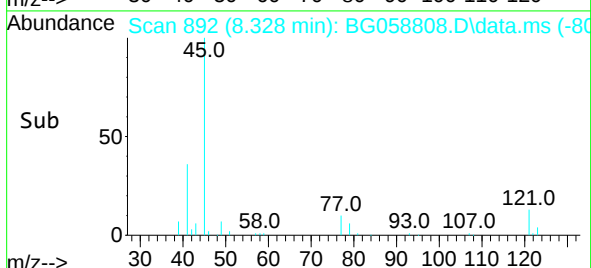
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

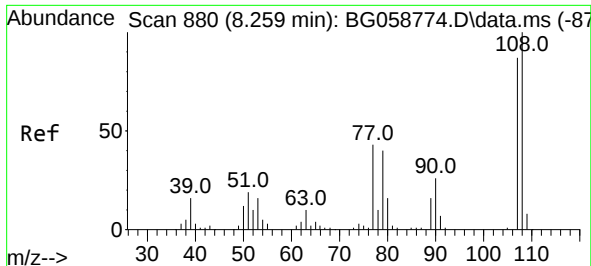


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.176 ng m
RT: 8.328 min Scan# 892
Delta R.T. -0.013 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion: 45 Resp: 145117
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.3
79 6.3 0.0 27.7





#17

2-Methylphenol

Concen: 42.298 ng

RT: 8.258 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

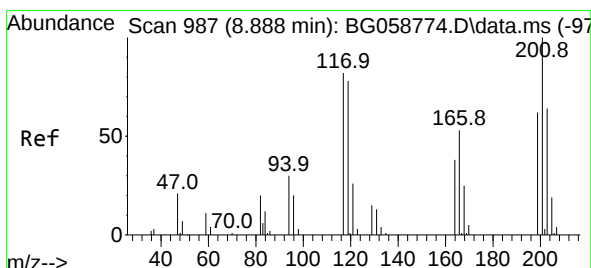
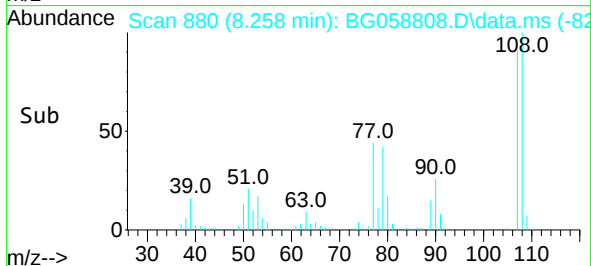
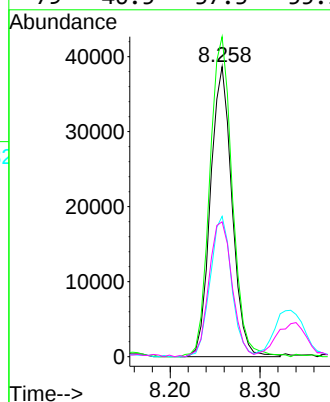
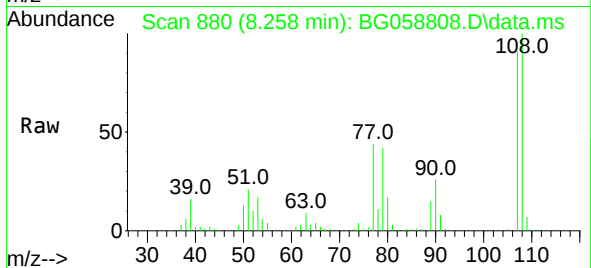
Tgt Ion:	107	Resp:	6428
Ion	Ratio	Lower	Upper
107	100		
108	110.3	92.2	138.2
77	48.4	40.0	60.0
79	46.5	37.3	55.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#18

Hexachloroethane

Concen: 43.230 ng

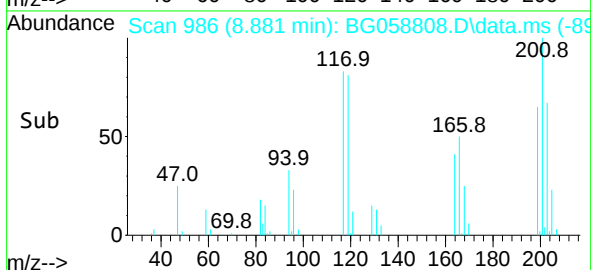
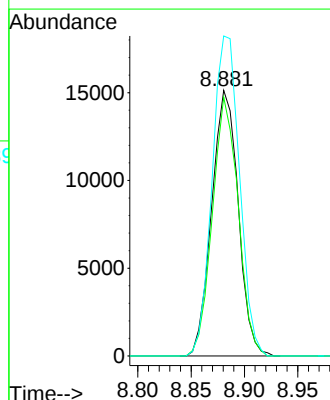
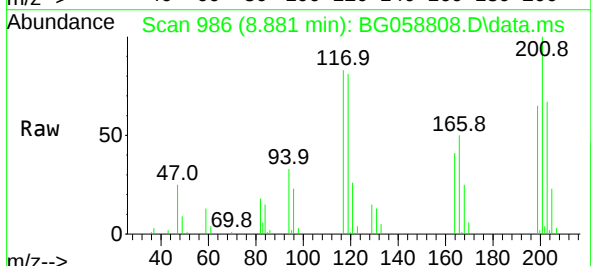
RT: 8.881 min Scan# 986

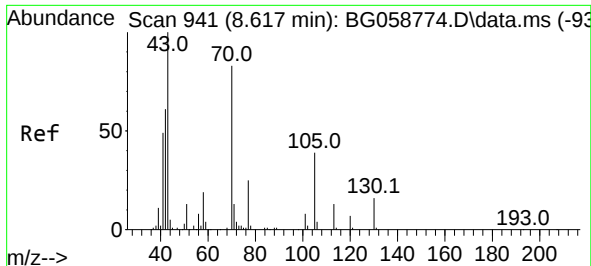
Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Tgt Ion:	117	Resp:	26162
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.6	115.0
201	120.5	97.0	145.6





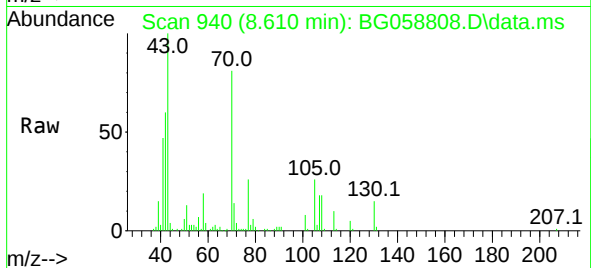
#19
n-Nitroso-di-n-propylamine
Concen: 40.556 ng
RT: 8.610 min Scan# 941
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

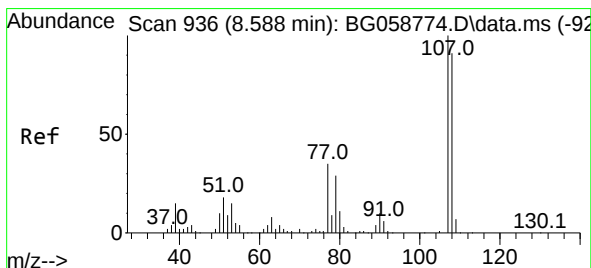
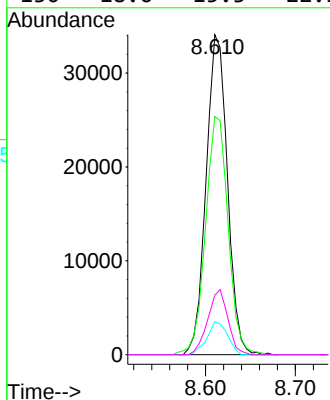
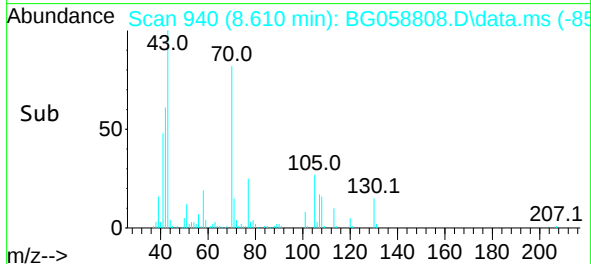


Tgt Ion: 70 Resp: 5625
Ion Ratio Lower Upper
70 100
42 74.4 59.2 88.8
101 10.4 8.2 12.2
130 18.6 15.3 22.9

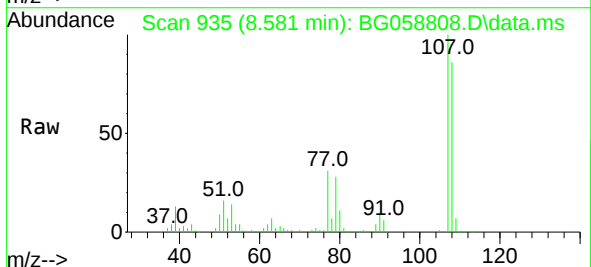
Manual Integrations

APPROVED

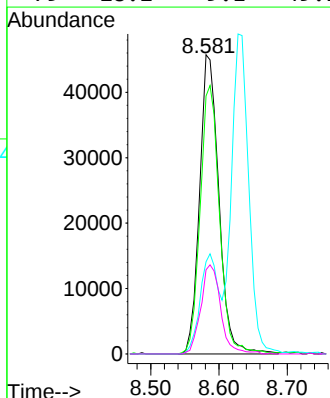
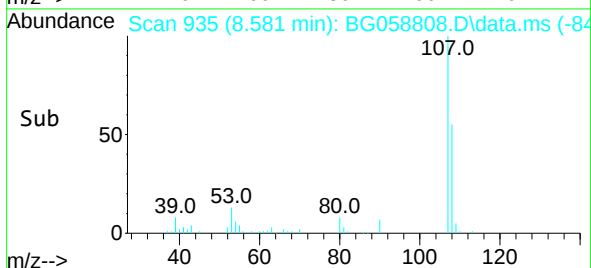
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

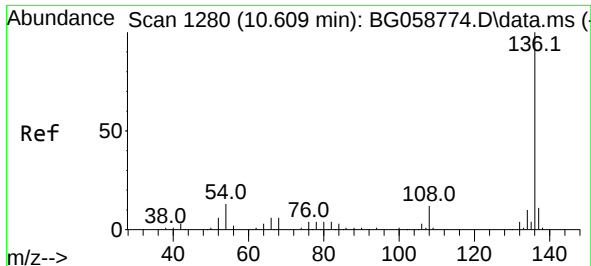


#20
3+4-Methylphenols
Concen: 43.992 ng
RT: 8.581 min Scan# 935
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion:107 Resp: 89882
Ion Ratio Lower Upper
107 100
108 86.2 70.6 110.6
77 30.8 14.8 54.8
79 28.2 9.1 49.1





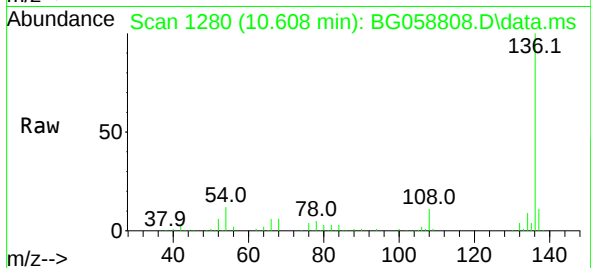
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

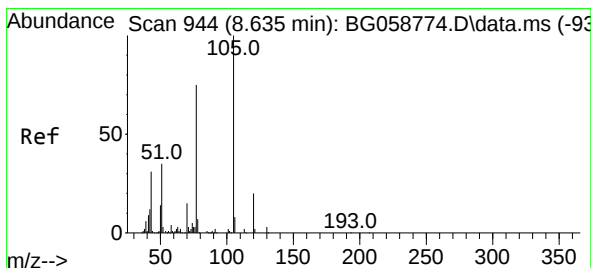
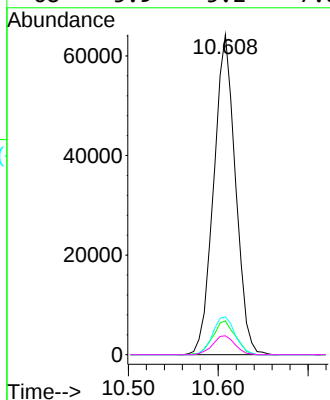
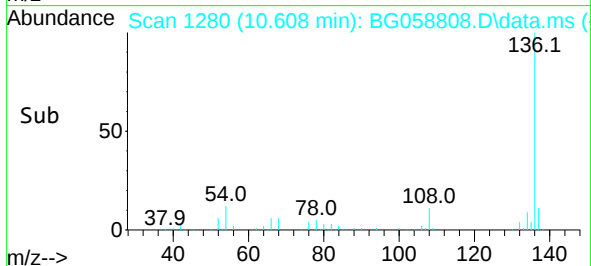


Tgt Ion:136 Resp: 107900
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 11.8 10.1 15.1
68 5.9 5.2 7.8

Manual Integrations

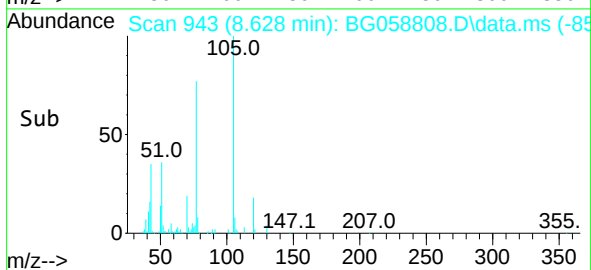
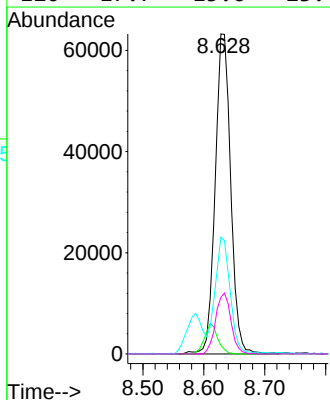
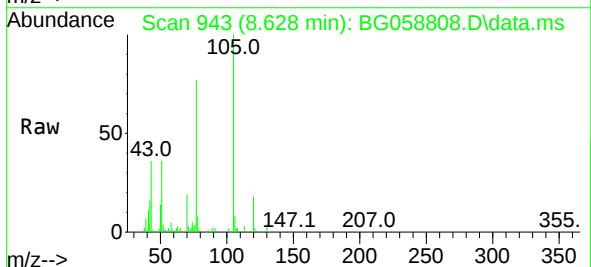
APPROVED

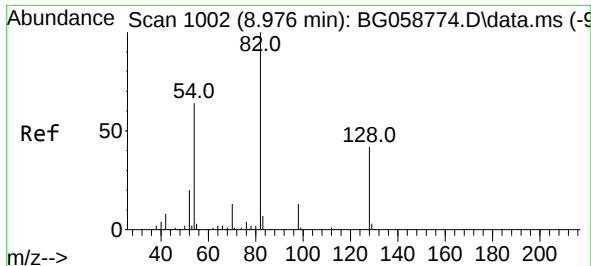
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#22
Acetophenone
Concen: 38.305 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion:105 Resp: 111883
Ion Ratio Lower Upper
105 100
71 2.7 2.2 3.2
51 36.5 28.5 42.7
120 17.7 15.6 23.4





#23

Nitrobenzene-d5

Concen: 50.188 ng

RT: 8.969 min Scan# 1002

Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

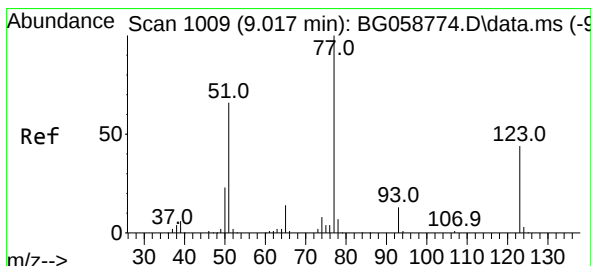
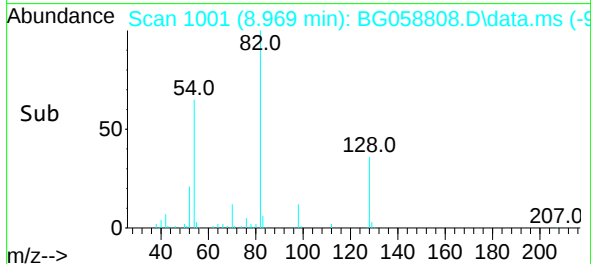
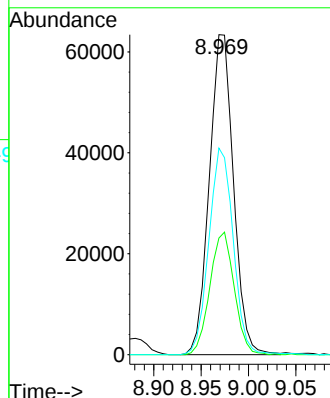
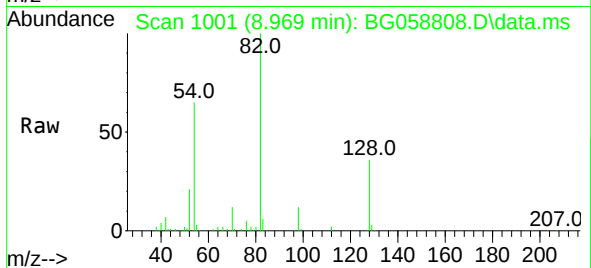
Tgt Ion:	82	Resp:	11263
Ion Ratio	Lower	Upper	
82	100		
128	36.4	33.2	49.8
54	64.6	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#24

Nitrobenzene

Concen: 37.876 ng

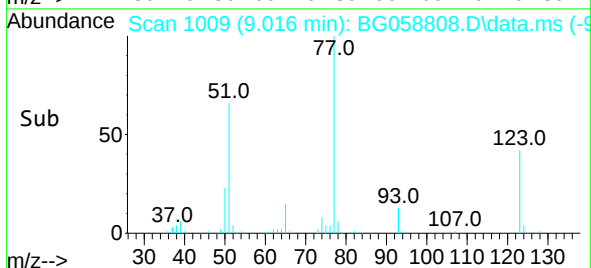
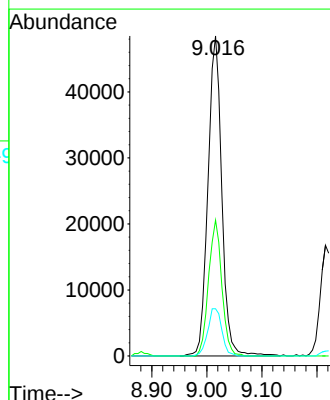
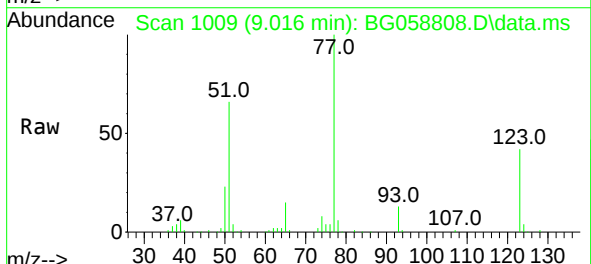
RT: 9.016 min Scan# 1009

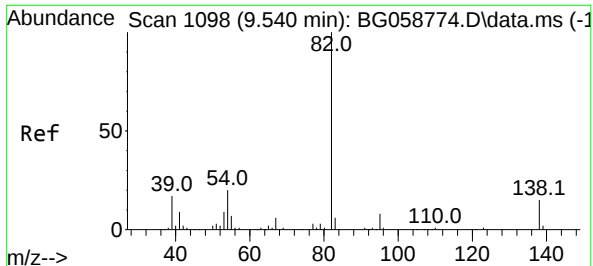
Delta R.T. -0.001 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Tgt Ion:	77	Resp:	84545
Ion Ratio	Lower	Upper	
77	100		
123	42.5	34.9	52.3
65	14.7	10.9	16.3





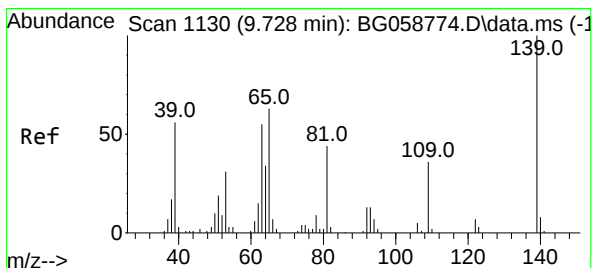
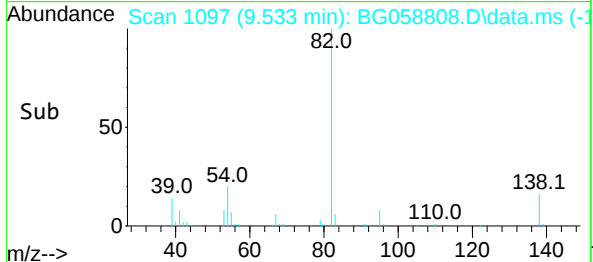
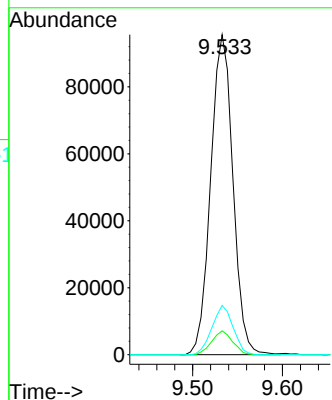
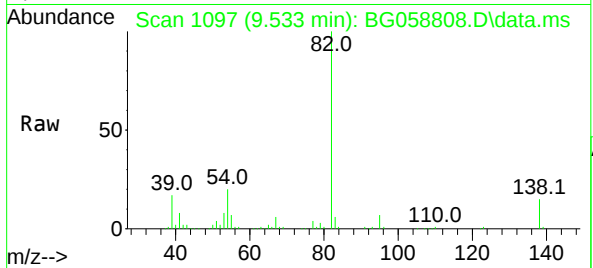
#25
Isophorone
Concen: 36.781 ng
RT: 9.533 min Scan# 1098
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :
BNA_G
ClientSampleId :
TP-LMSD

Tgt Ion: 82 Resp: 164158
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.4 12.2 18.4

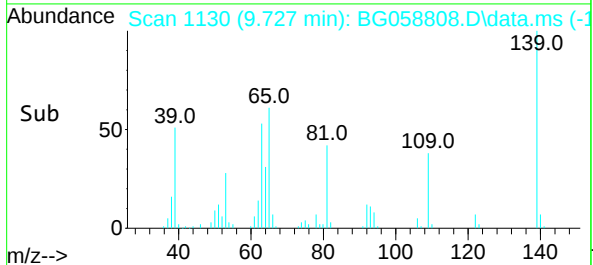
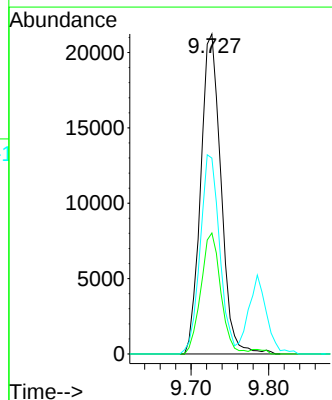
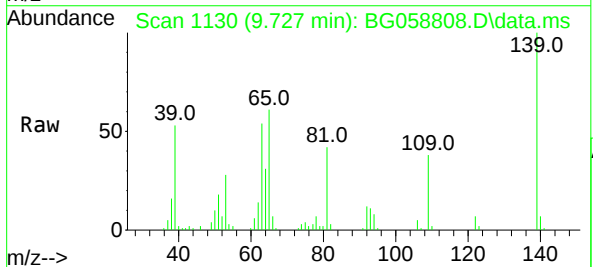
Manual Integrations
APPROVED

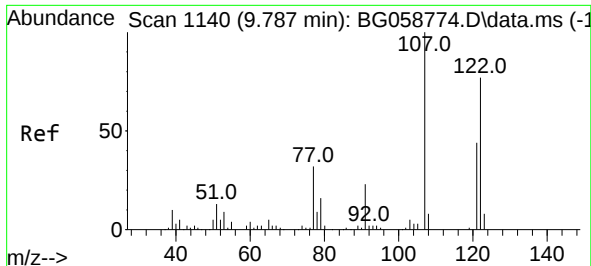
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#26
2-Nitrophenol
Concen: 41.280 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion:139 Resp: 38537
Ion Ratio Lower Upper
139 100
109 37.8 28.7 43.1
65 61.2 50.6 76.0





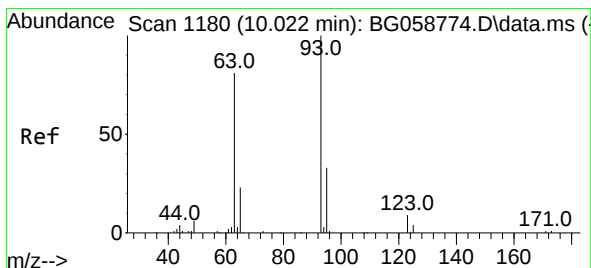
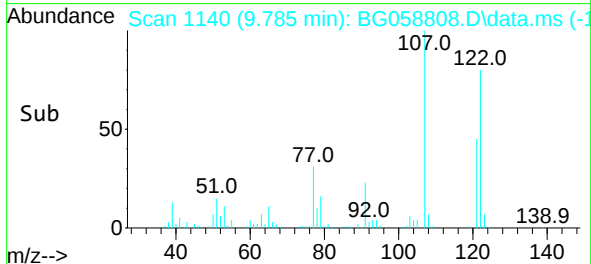
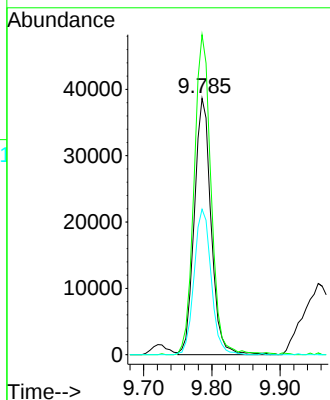
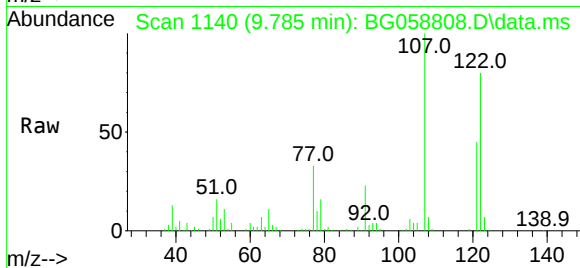
#27
2,4-Dimethylphenol
Concen: 41.627 ng
RT: 9.785 min Scan# 1140
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :
BNA_G
ClientSampleId :
TP-LMSD

Tgt Ion:122 Resp: 6586
Ion Ratio Lower Upper
122 100
107 124.8 102.6 154.0
121 56.8 45.0 67.4

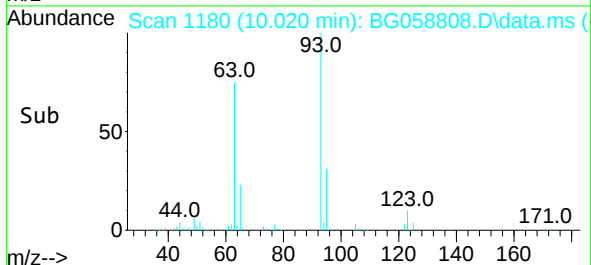
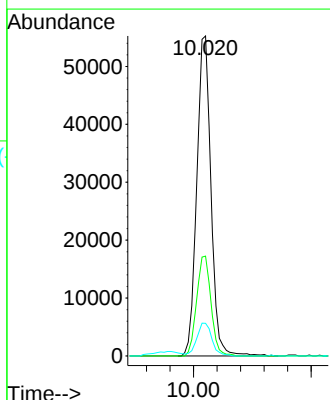
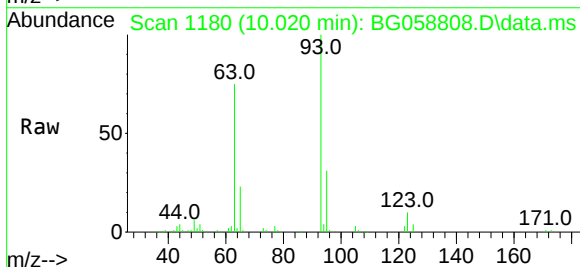
Manual Integrations
APPROVED

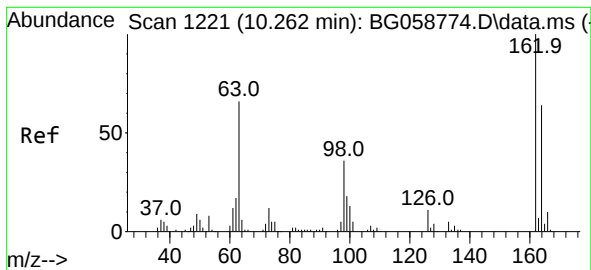
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.138 ng
RT: 10.020 min Scan# 1180
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

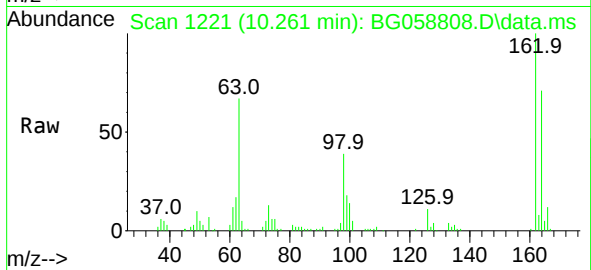
Tgt Ion: 93 Resp: 92527
Ion Ratio Lower Upper
93 100
95 31.2 26.2 39.4
123 10.2 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 43.614 ng
RT: 10.261 min Scan# 1221
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

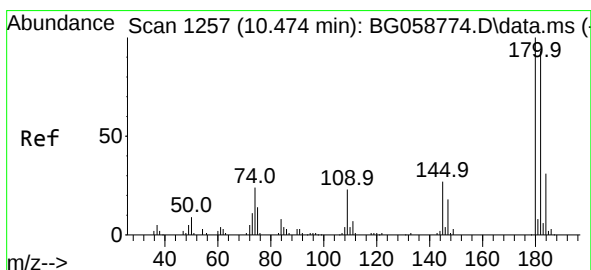
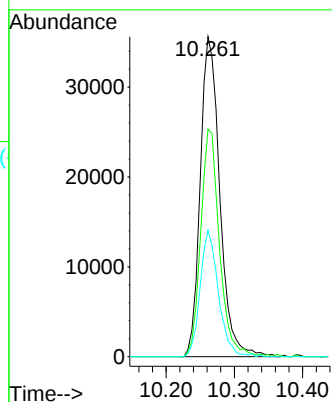
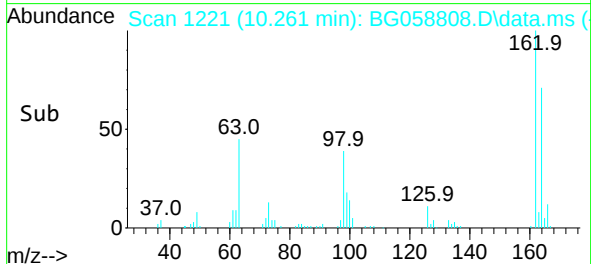
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



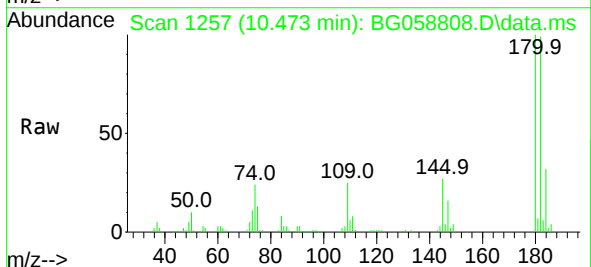
Tgt Ion:162 Resp: 70908
Ion Ratio Lower Upper
162 100
164 71.2 44.4 84.4
98 39.4 16.1 56.1

Manual Integrations
APPROVED

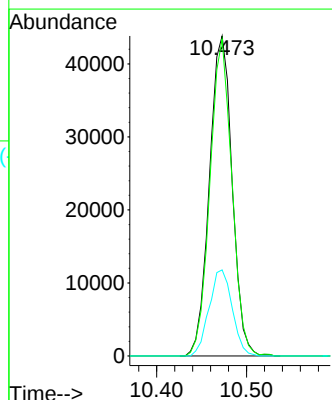
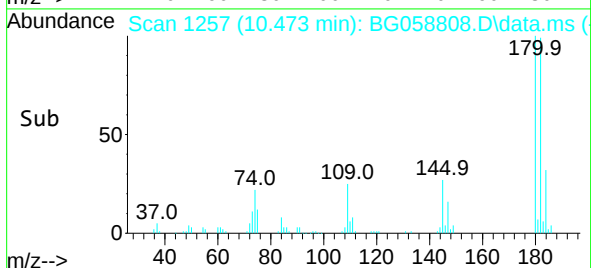
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

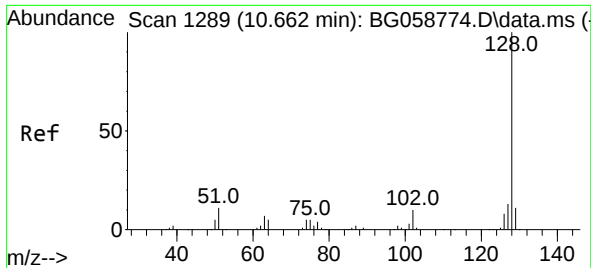


#30
1,2,4-Trichlorobenzene
Concen: 39.127 ng
RT: 10.473 min Scan# 1257
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



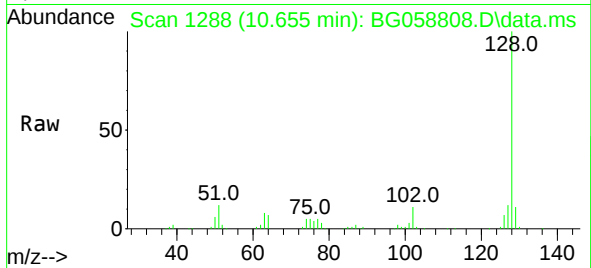
Tgt Ion:180 Resp: 76816
Ion Ratio Lower Upper
180 100
182 99.0 74.6 112.0
145 26.9 21.4 32.0





#31
Naphthalene
Concen: 38.273 ng
RT: 10.655 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

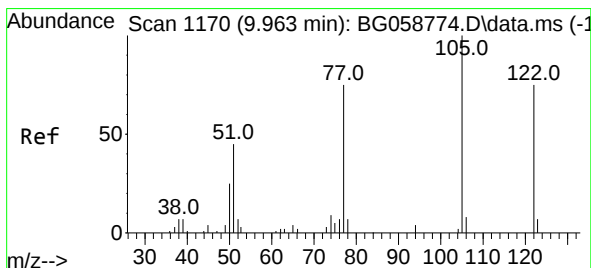
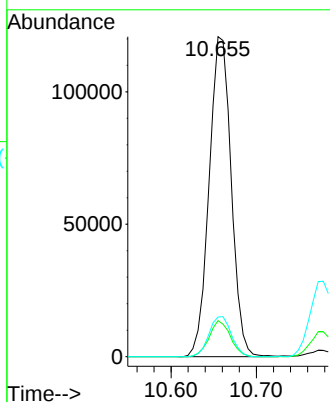
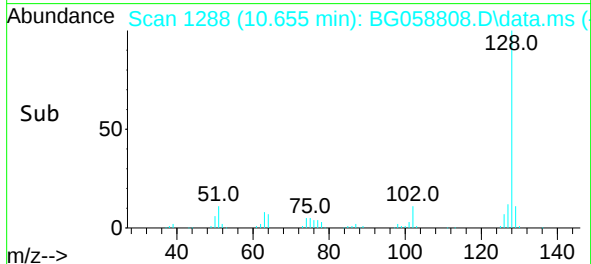
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



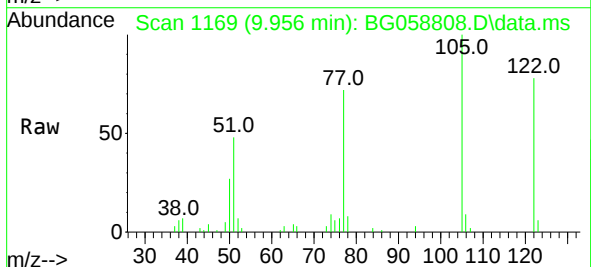
Tgt Ion:128 Resp: 21683
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.4 10.6 15.8

Manual Integrations
APPROVED

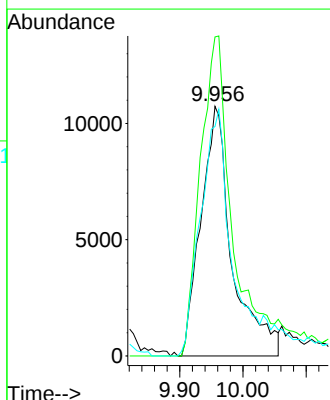
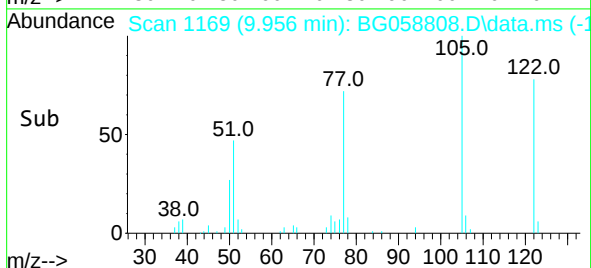
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

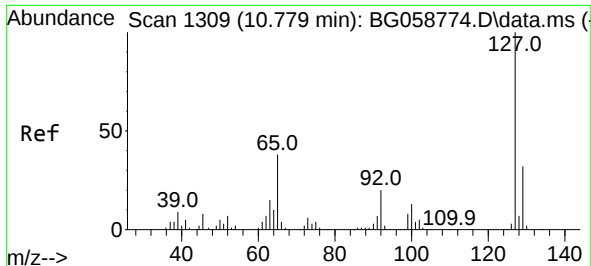


#32
Benzoic acid
Concen: 39.124 ng
RT: 9.956 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



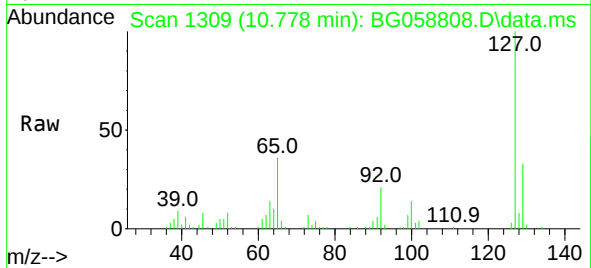
Tgt Ion:122 Resp: 36769
Ion Ratio Lower Upper
122 100
105 127.8 113.6 153.6
77 91.9 79.7 119.7





#33
4-Chloroaniline
Concen: 24.851 ng
RT: 10.778 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

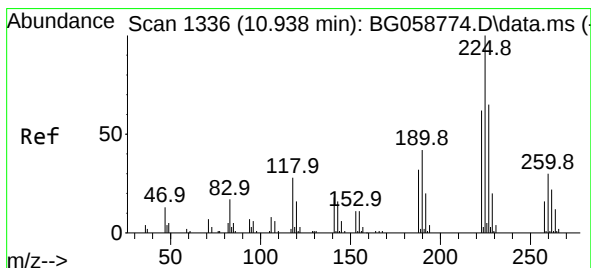
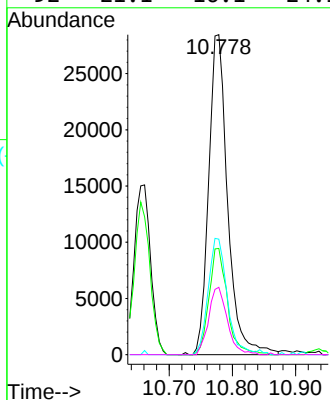
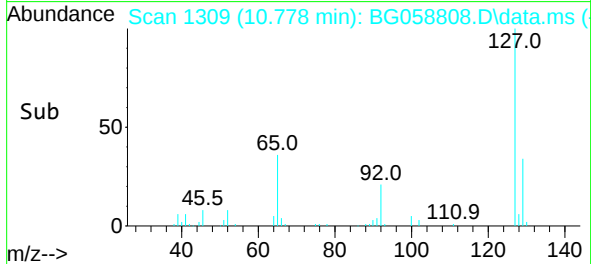
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.2	37.8
65	36.1	30.5	45.7
92	21.1	16.1	24.1

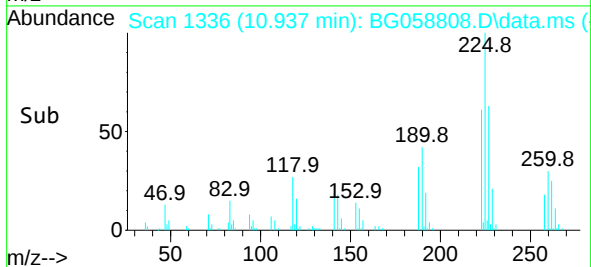
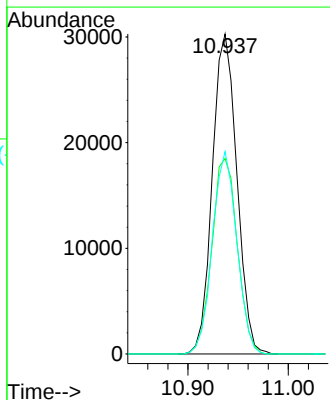
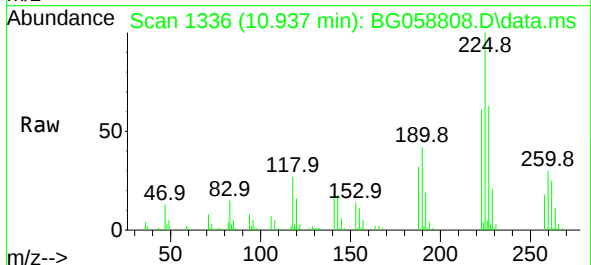
Manual Integrations
APPROVED

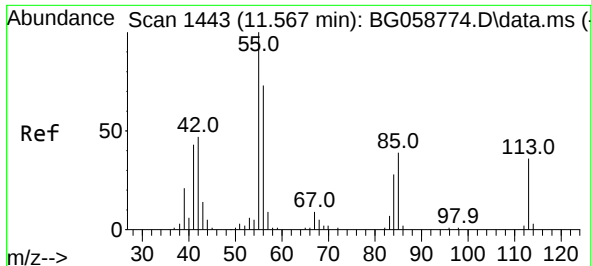
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#34
Hexachlorobutadiene
Concen: 38.751 ng
RT: 10.937 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.9	74.9
227	63.3	51.6	77.4





#35
Caprolactam
Concen: 41.780 ng m
RT: 11.560 min Scan# 1443
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

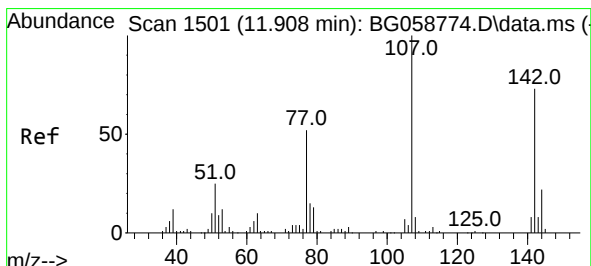
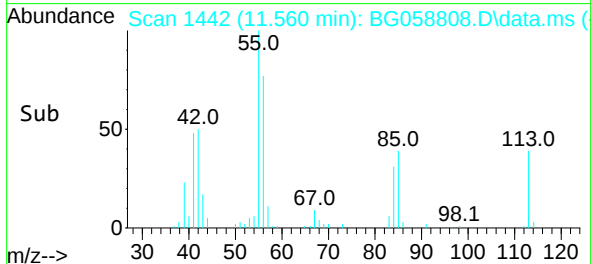
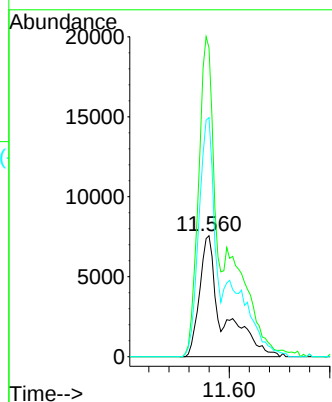
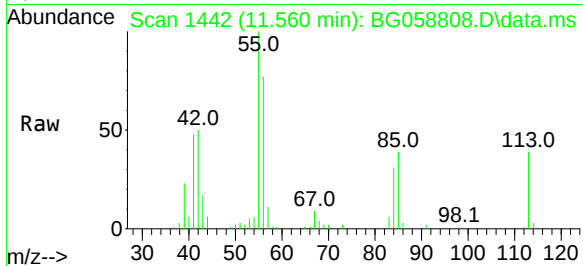
TP-LMSD

Tgt Ion:113 Resp: 24340
Ion Ratio Lower Upper
113 100
55 255.1 256.3 296.3
56 197.4 180.4 220.4

Manual Integrations

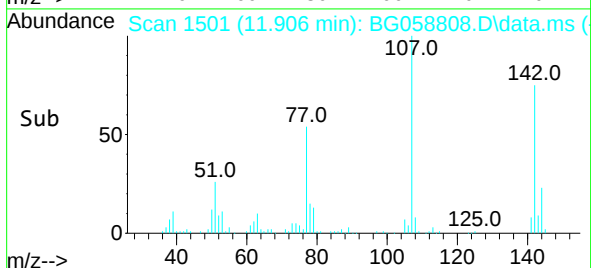
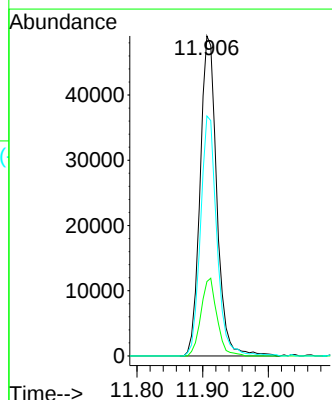
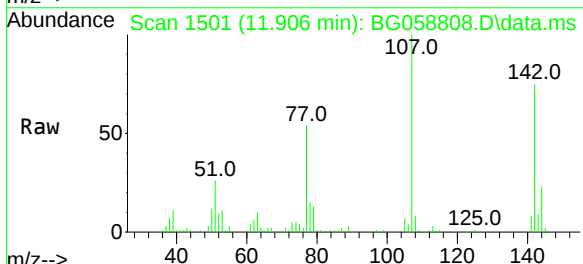
APPROVED

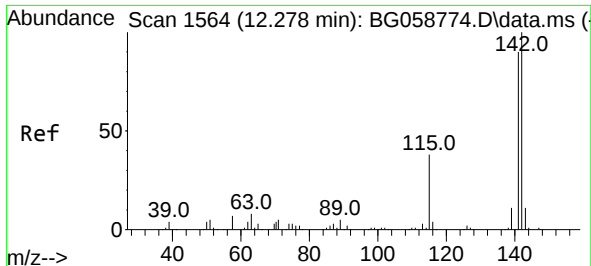
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#36
4-Chloro-3-methylphenol
Concen: 43.036 ng
RT: 11.906 min Scan# 1501
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

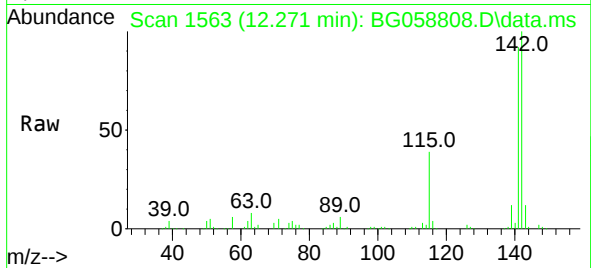
Tgt Ion:107 Resp: 87011
Ion Ratio Lower Upper
107 100
144 23.2 17.9 26.9
142 75.0 58.5 87.7





#37
2-Methylnaphthalene
Concen: 37.446 ng
RT: 12.271 min Scan# 1563
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

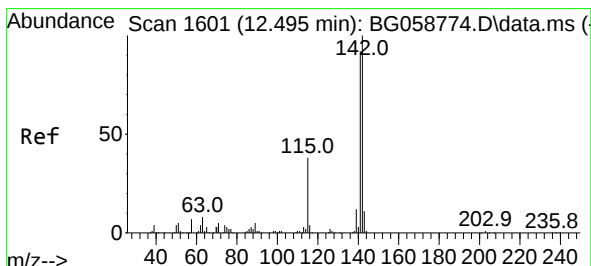
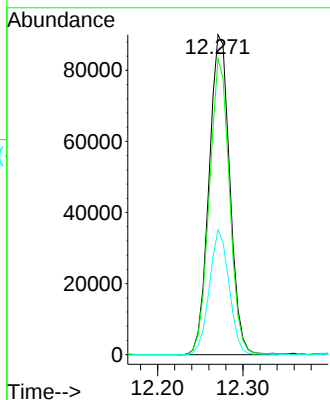
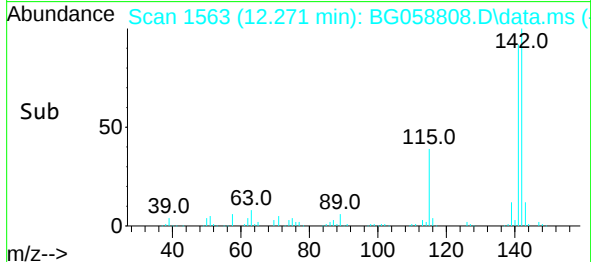
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion:142 Resp: 152369
Ion Ratio Lower Upper
142 100
141 92.5 71.8 107.8
115 39.0 30.6 45.8

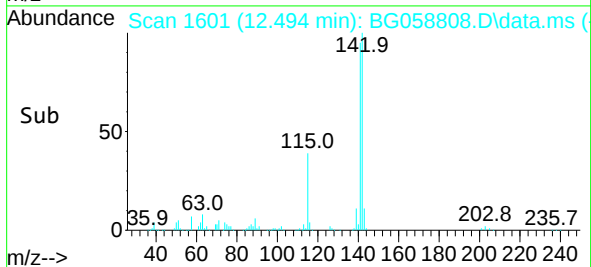
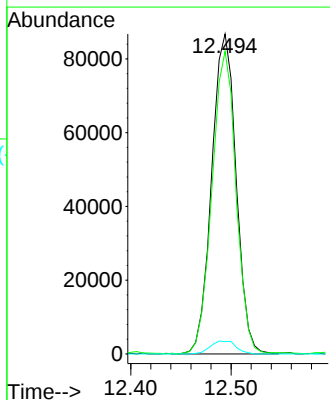
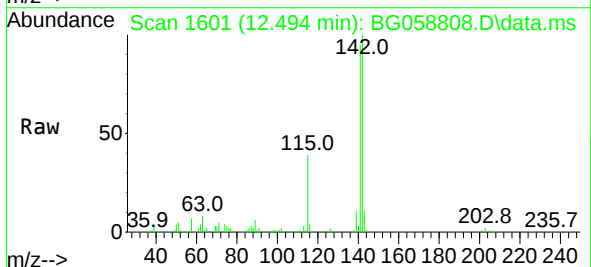
Manual Integrations
APPROVED

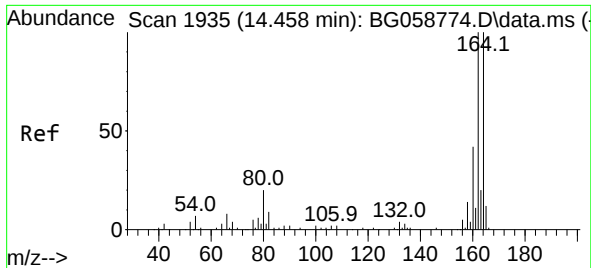
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#38
1-Methylnaphthalene
Concen: 37.971 ng
RT: 12.494 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

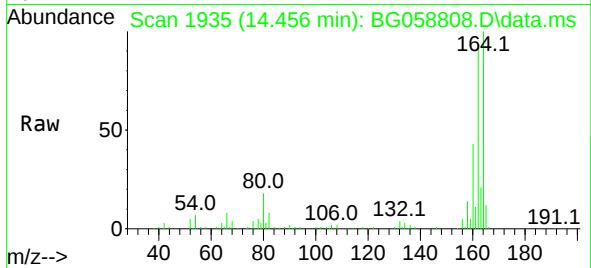
Tgt Ion:142 Resp: 146664
Ion Ratio Lower Upper
142 100
141 94.6 73.9 110.9
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

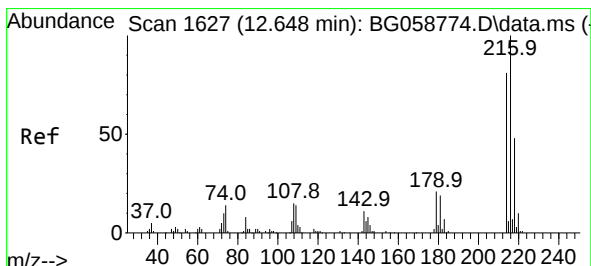
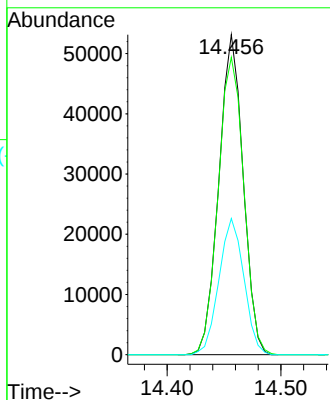
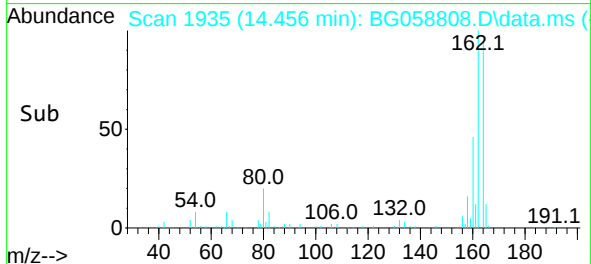
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



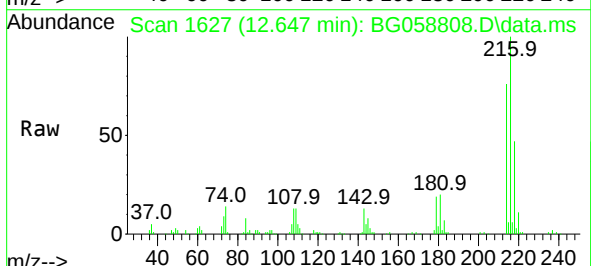
Tgt Ion:164 Resp: 7895
Ion Ratio Lower Upper
164 100
162 92.9 79.6 119.4
160 42.6 34.0 51.0

Manual Integrations
APPROVED

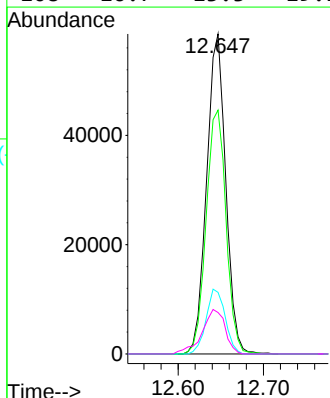
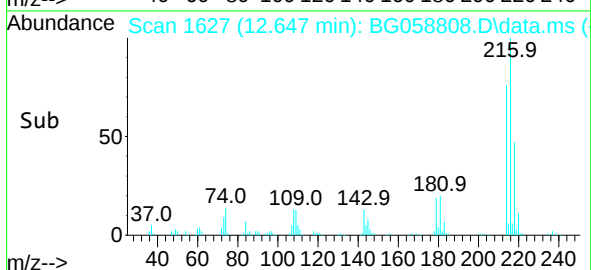
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

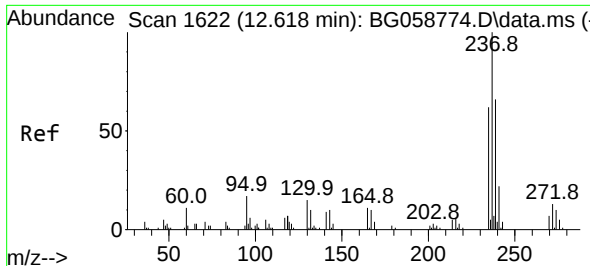


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.527 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



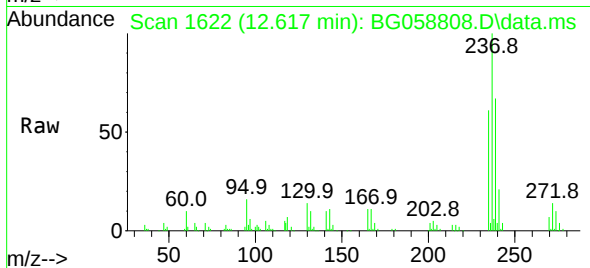
Tgt Ion:216 Resp: 91340
Ion Ratio Lower Upper
216 100
214 79.4 64.0 96.0
179 20.1 16.2 24.4
108 16.7 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 81.754 ng
RT: 12.617 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

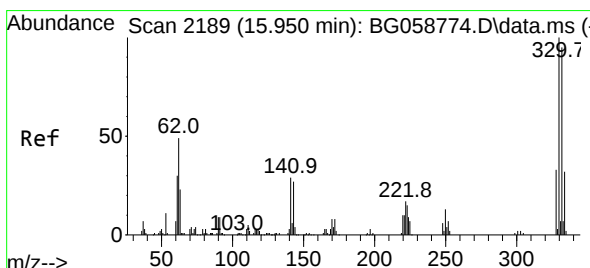
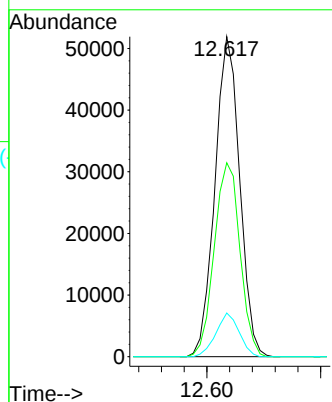
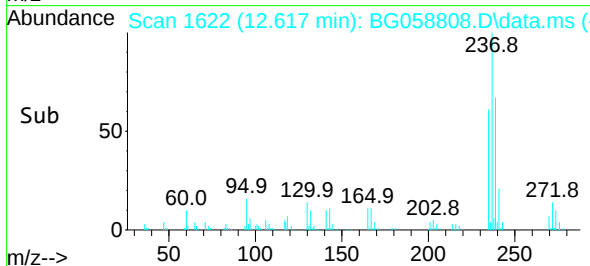
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



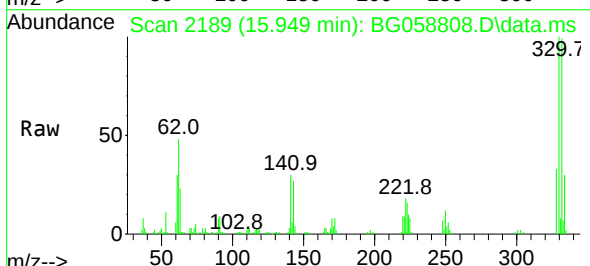
Tgt Ion:237 Resp: 7848
Ion Ratio Lower Upper
237 100
235 60.6 41.5 81.5
272 13.7 0.0 32.5

Manual Integrations
APPROVED

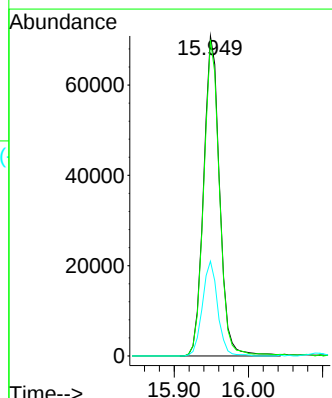
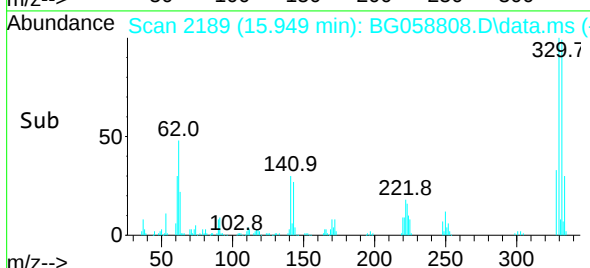
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

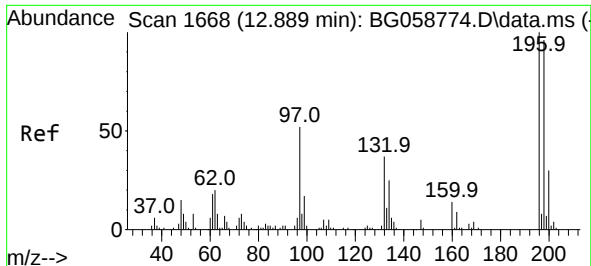


#42
2,4,6-Tribromophenol
Concen: 85.920 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



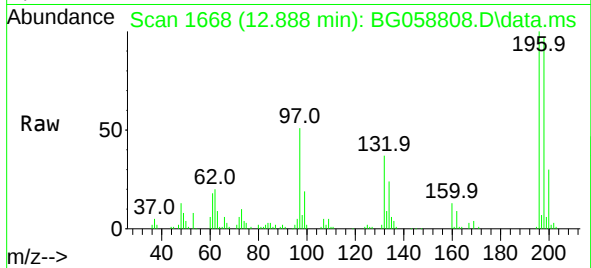
Tgt Ion:330 Resp: 106363
Ion Ratio Lower Upper
330 100
332 97.5 78.5 117.7
141 28.3 23.0 34.6





#43
 2,4,6-Trichlorophenol
 Concen: 42.548 ng
 RT: 12.888 min Scan# 1668
 Delta R.T. -0.001 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03

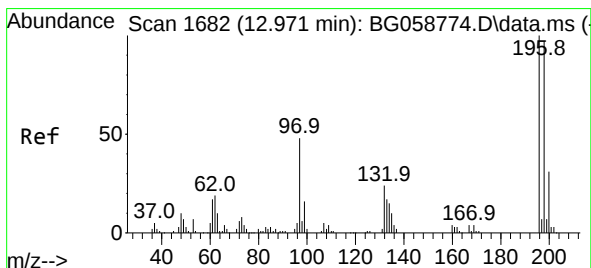
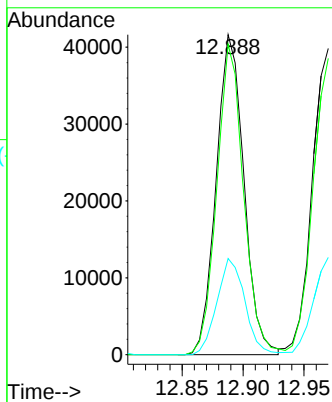
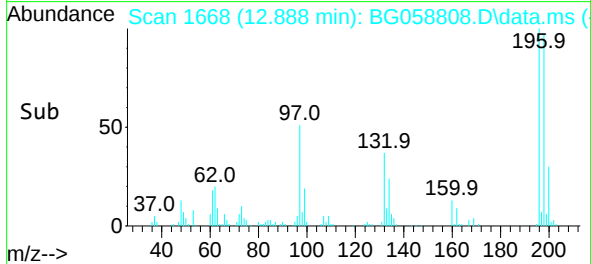
Instrument :
 BNA_G
 ClientSampleId :
 TP-LMSD



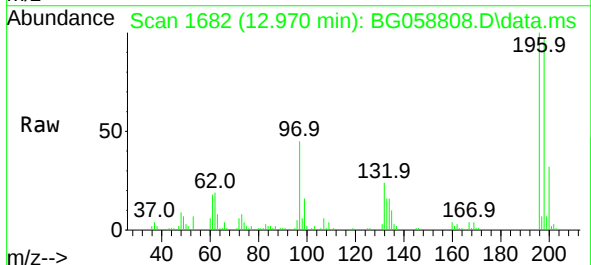
Tgt Ion:196 Resp: 65890
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.0 115.4
 200 30.0 23.8 35.6

Manual Integrations
 APPROVED

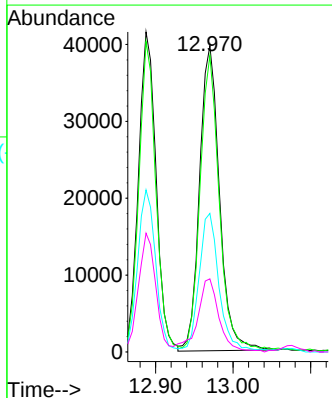
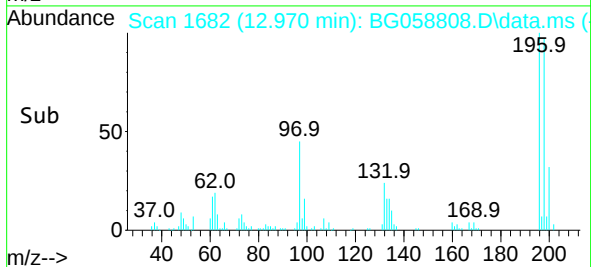
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023

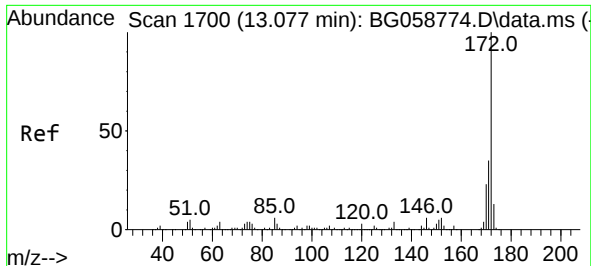


#44
 2,4,5-Trichlorophenol
 Concen: 38.234 ng
 RT: 12.970 min Scan# 1682
 Delta R.T. -0.001 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03



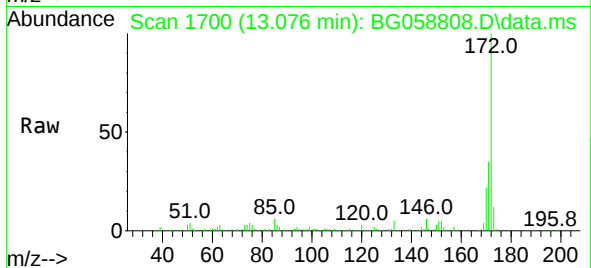
Tgt Ion:196 Resp: 70908
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.0 117.0
 97 45.2 38.7 58.1
 132 23.9 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 44.990 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

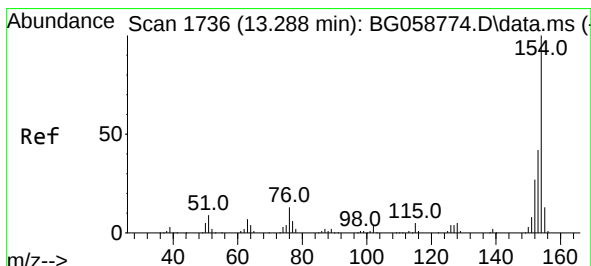
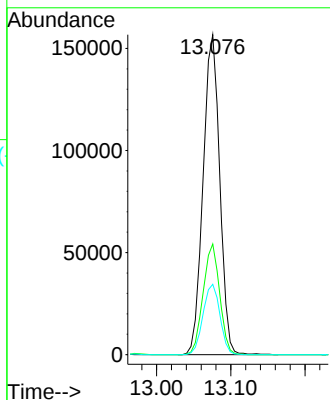
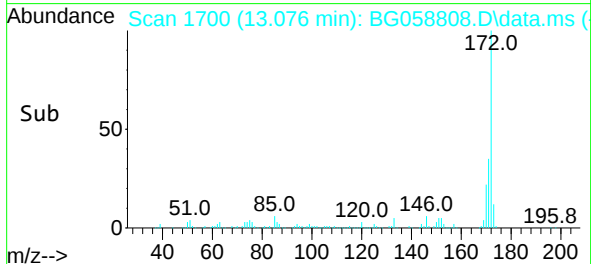
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



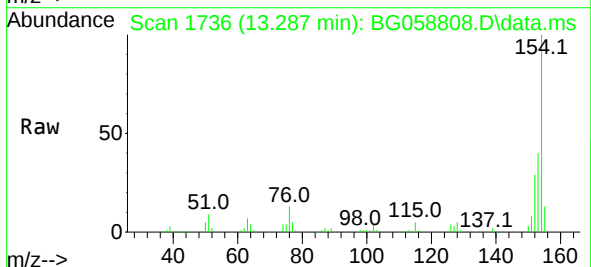
Tgt Ion:172 Resp: 244215
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.0 18.6 27.8

Manual Integrations
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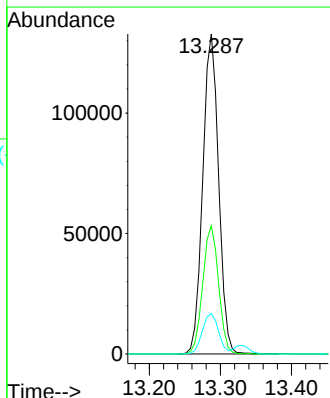
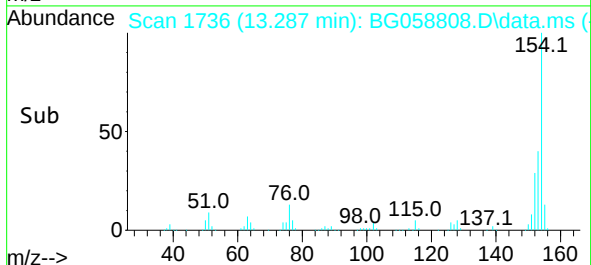
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

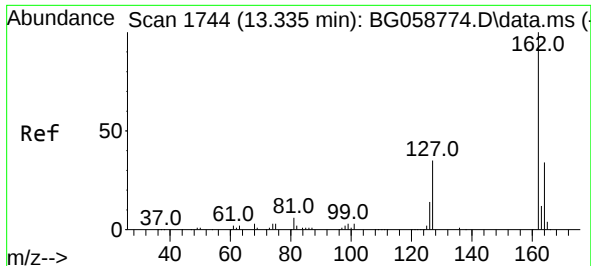


#46
1,1'-Biphenyl
Concen: 37.923 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



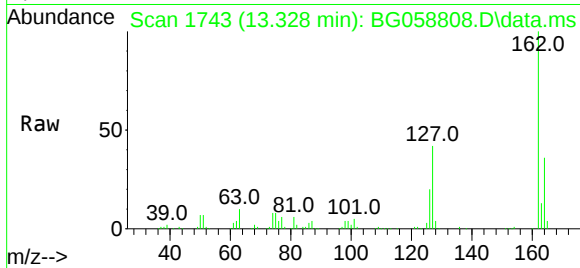
Tgt Ion:154 Resp: 206253
Ion Ratio Lower Upper
154 100
153 40.1 21.7 61.7
76 12.7 0.0 33.2





#47
2-Chloronaphthalene
Concen: 38.818 ng
RT: 13.328 min Scan# 1743
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

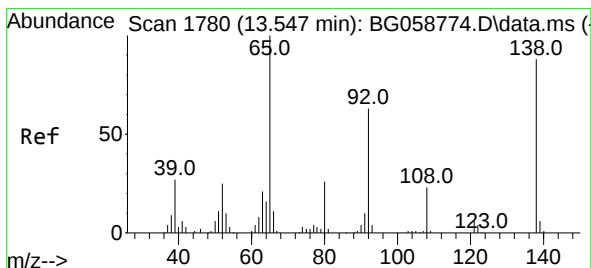
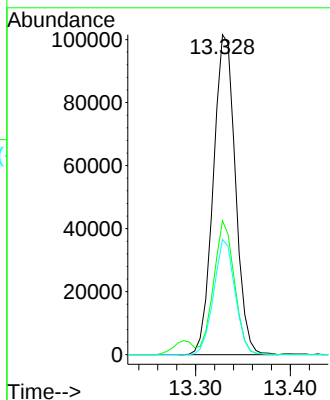
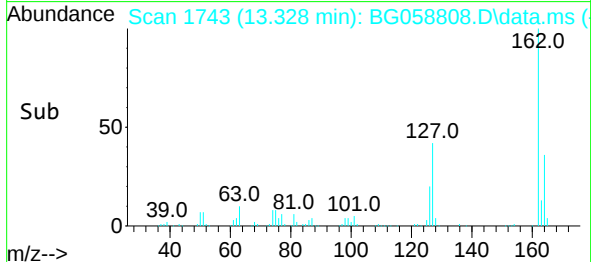
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion:162 Resp: 164520
Ion Ratio Lower Upper
162 100
127 41.9 31.5 47.3
164 36.1 27.3 40.9

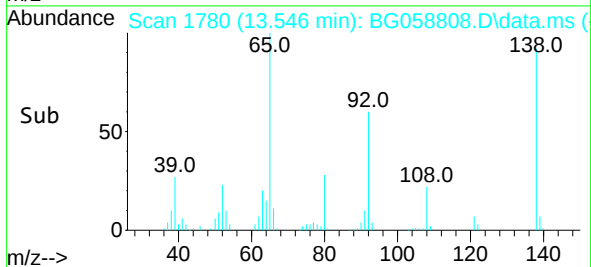
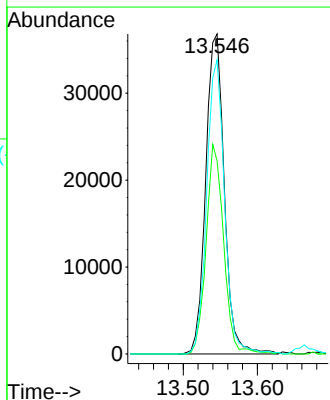
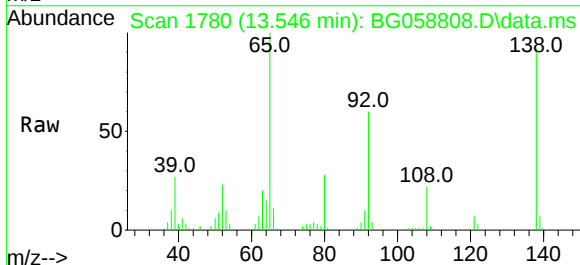
Manual Integrations
APPROVED

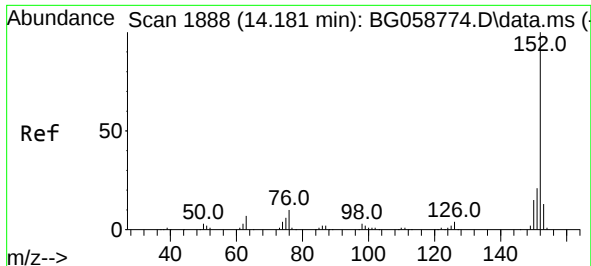
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#48
2-Nitroaniline
Concen: 39.838 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion: 65 Resp: 64128
Ion Ratio Lower Upper
65 100
92 60.4 50.7 76.1
138 91.9 70.7 106.1





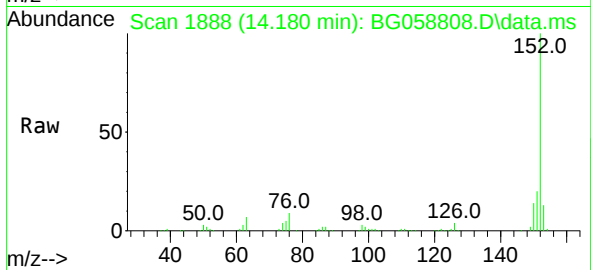
#49
Acenaphthylene
Concen: 39.454 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

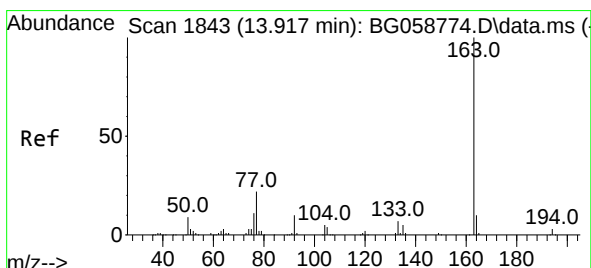
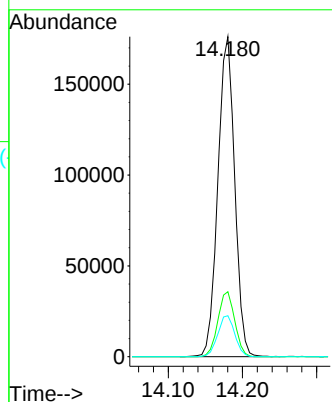
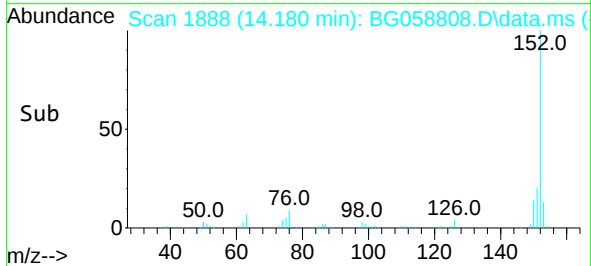


Tgt Ion:152 Resp: 277315
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 12.8 10.7 16.1

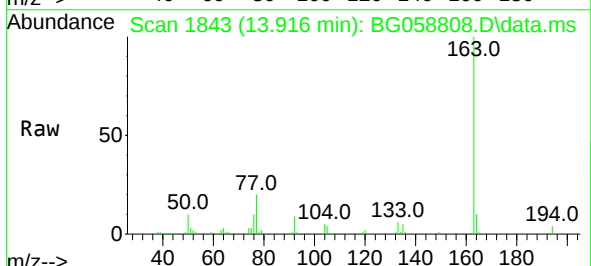
Manual Integrations

APPROVED

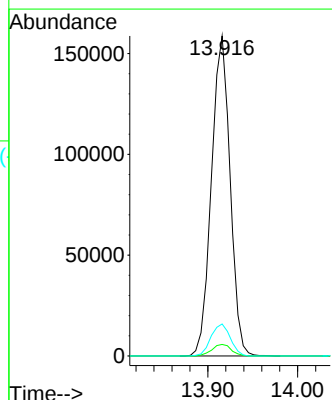
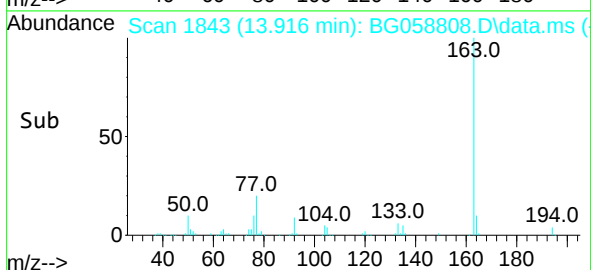
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

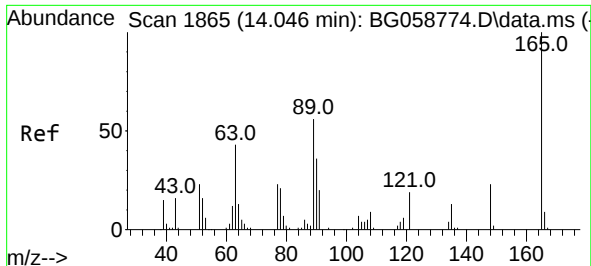


#50
Dimethylphthalate
Concen: 37.452 ng
RT: 13.916 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion:163 Resp: 228943
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 39.575 ng
RT: 14.039 min Scan# 1864
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

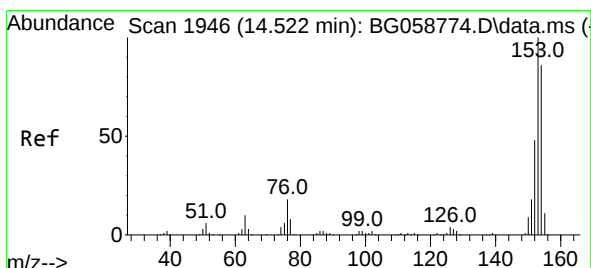
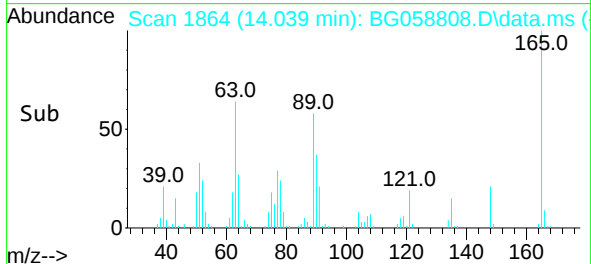
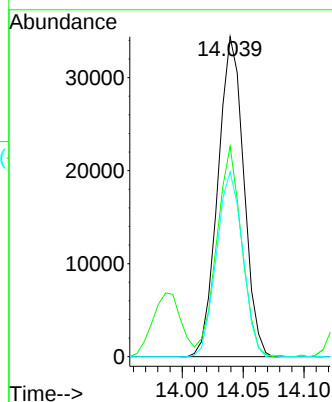
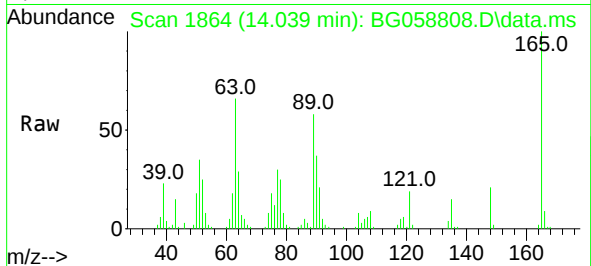
ClientSampleId :

TP-LMSD

Tgt Ion:165 Resp: 50824
Ion Ratio Lower Upper
165 100
63 65.7 47.2 70.8
89 57.7 45.0 67.4

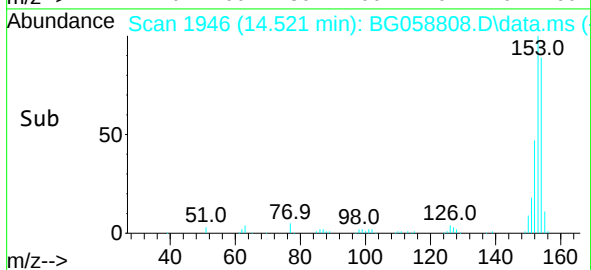
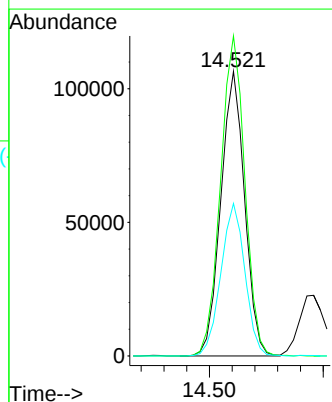
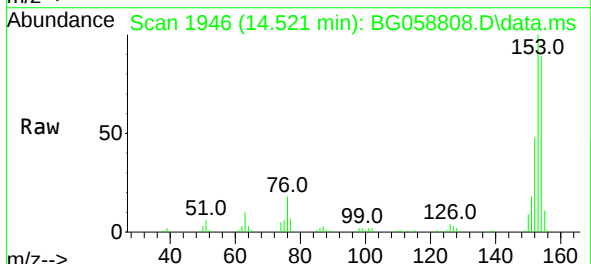
Manual Integrations
APPROVED

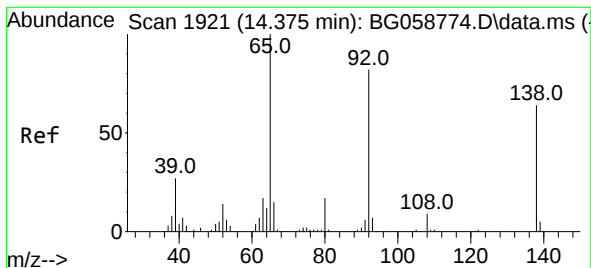
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#52
Acenaphthene
Concen: 37.634 ng
RT: 14.521 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

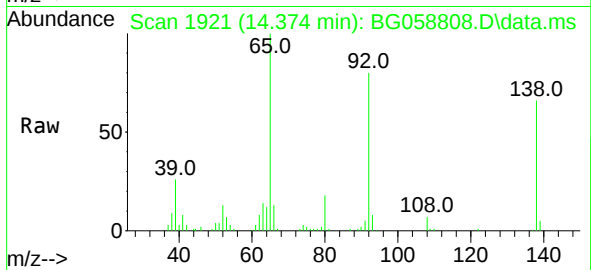
Tgt Ion:154 Resp: 154581
Ion Ratio Lower Upper
154 100
153 112.4 92.7 139.1
152 53.6 44.2 66.2





#53
3-Nitroaniline
Concen: 28.695 ng
RT: 14.374 min Scan# 1921
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

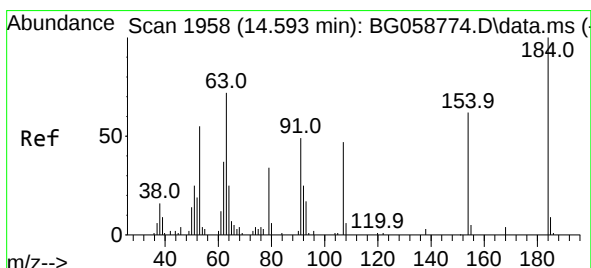
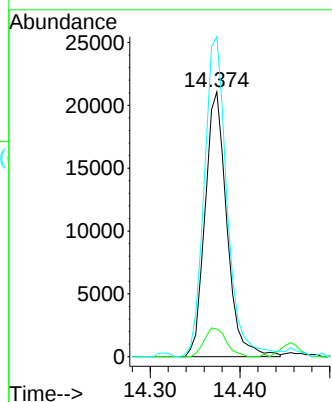
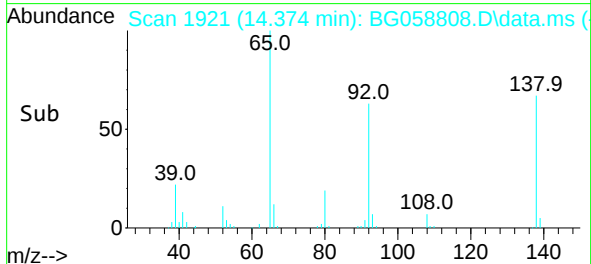
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



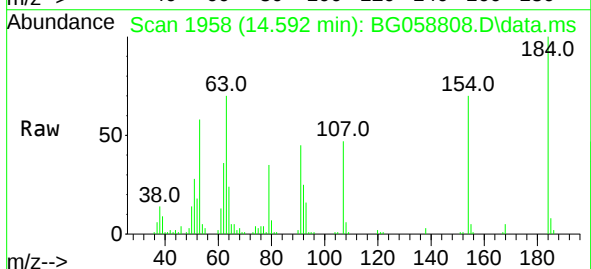
Tgt Ion:138 Resp: 3554
Ion Ratio Lower Upper
138 100
108 10.5 11.8 17.8
92 120.8 102.5 153.7

Manual Integrations
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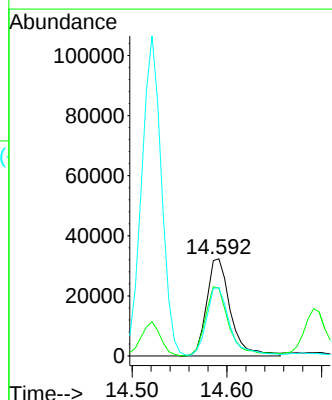
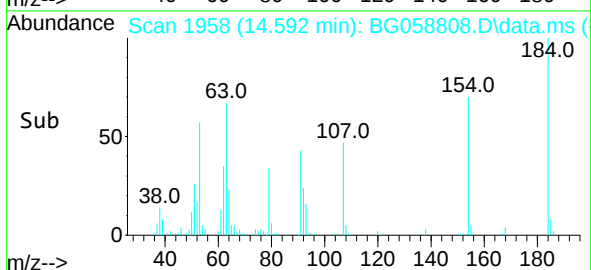
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

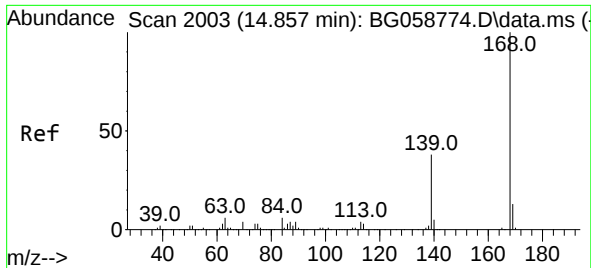


#54
2,4-Dinitrophenol
Concen: 78.485 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



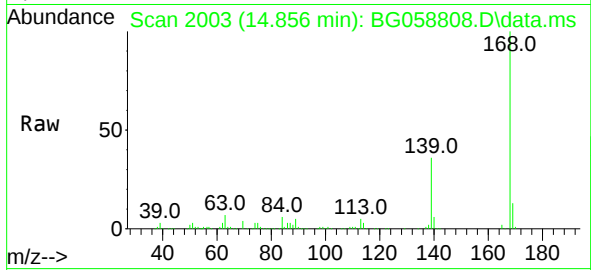
Tgt Ion:184 Resp: 56233
Ion Ratio Lower Upper
184 100
63 70.1 57.7 86.5
154 70.3 51.8 77.6





#55
Dibenzofuran
Concen: 38.169 ng
RT: 14.856 min Scan# 2003
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

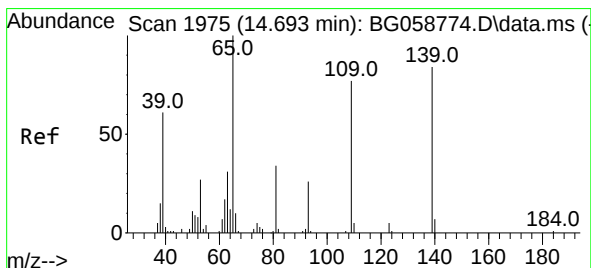
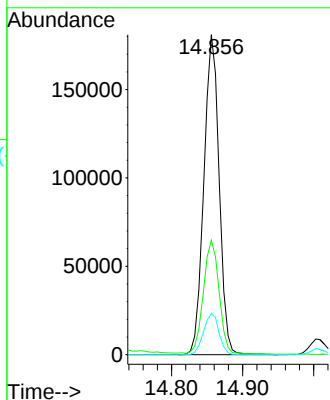
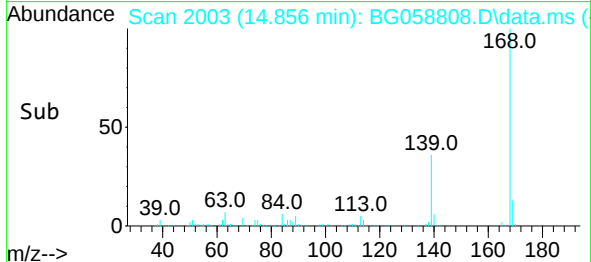
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



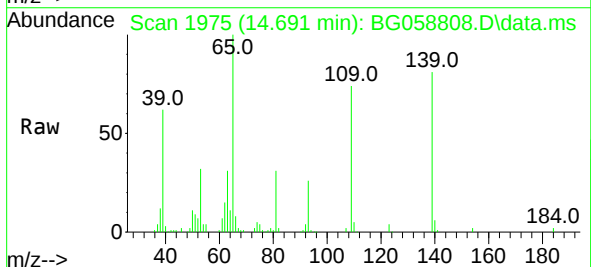
Tgt Ion:168 Resp: 270439
Ion Ratio Lower Upper
168 100
139 35.8 30.4 45.6
169 12.9 10.7 16.1

Manual Integrations
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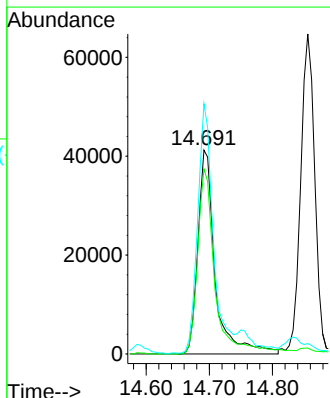
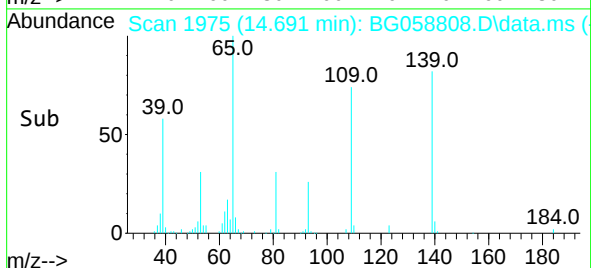
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

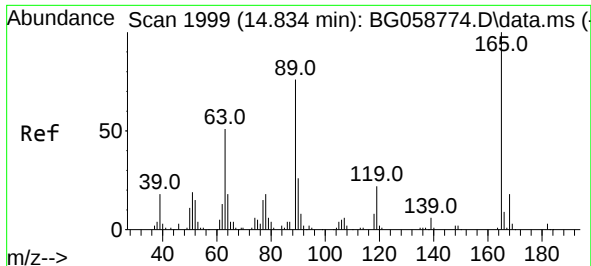


#56
4-Nitrophenol
Concen: 87.418 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion:139 Resp: 78726
Ion Ratio Lower Upper
139 100
109 90.8 71.9 111.9
65 122.7 100.7 140.7





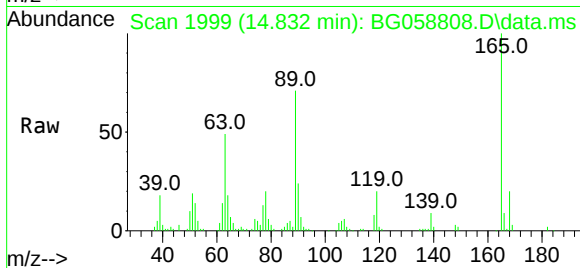
#57
2,4-Dinitrotoluene
Concen: 41.018 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

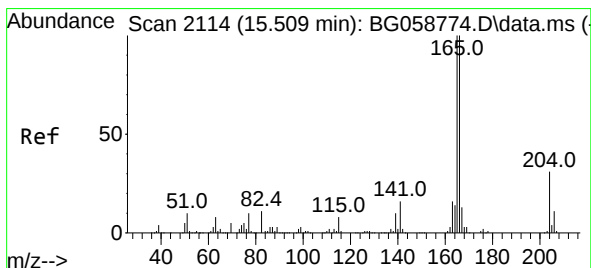
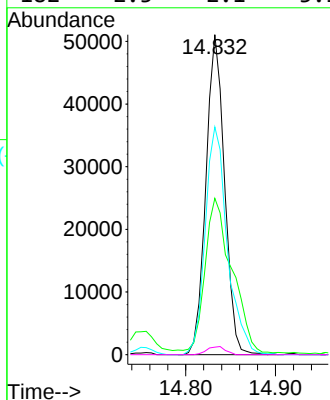
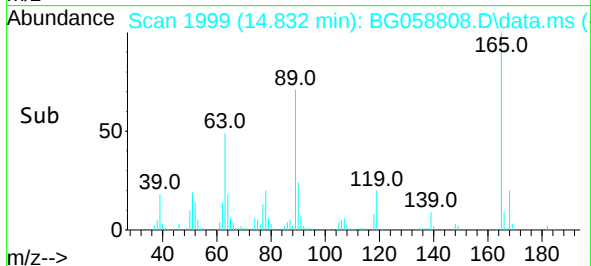


Tgt Ion:165 Resp: 7347
Ion Ratio Lower Upper
165 100
63 48.8 41.8 62.6
89 71.2 60.7 91.1
182 2.3 2.1 3.1

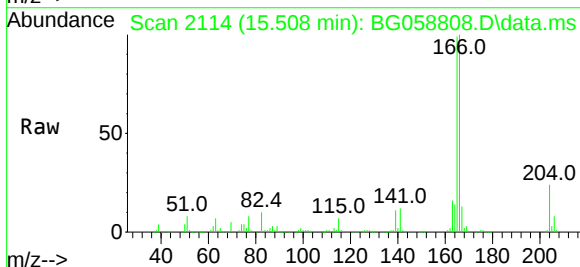
Manual Integrations

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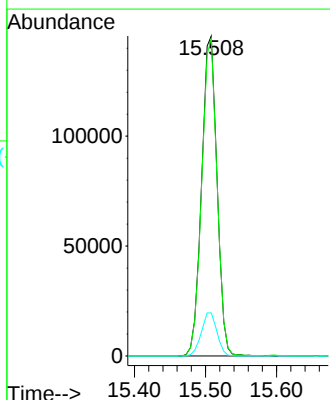
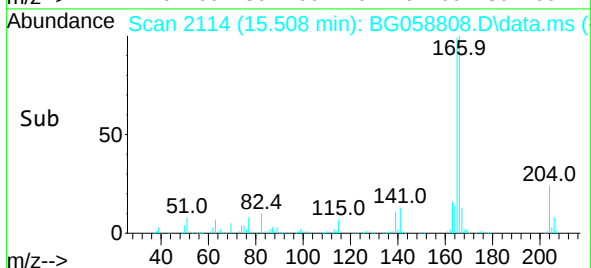
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

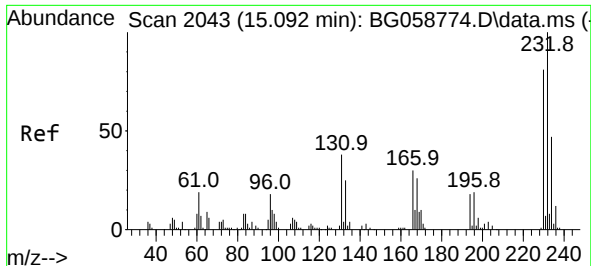


#58
Fluorene
Concen: 38.922 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



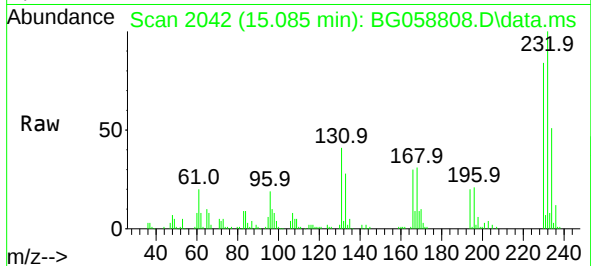
Tgt Ion:166 Resp: 219468
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.956 ng
RT: 15.085 min Scan# 2042
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

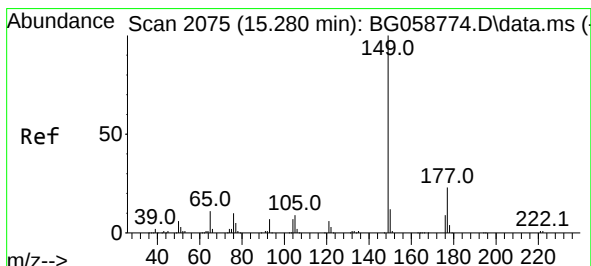
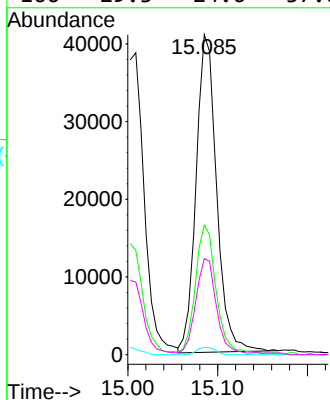
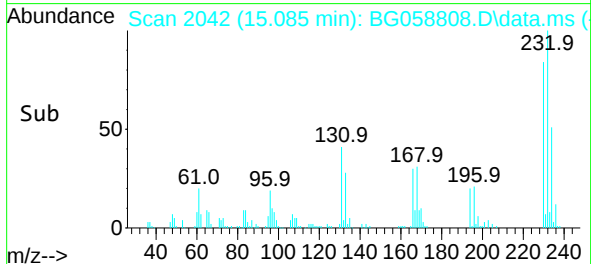
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion:232 Resp: 65010
Ion Ratio Lower Upper
232 100
131 41.9 33.9 50.9
130 2.0 1.8 2.6
166 29.3 24.6 37.0

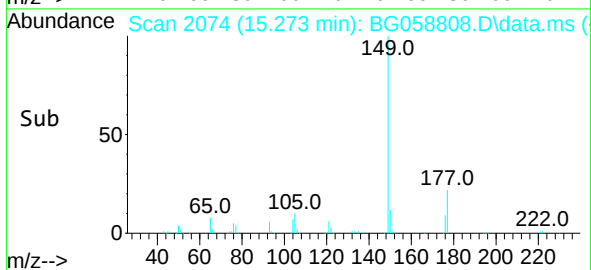
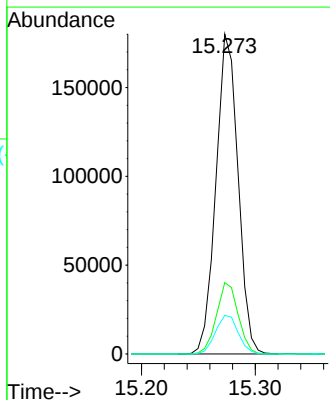
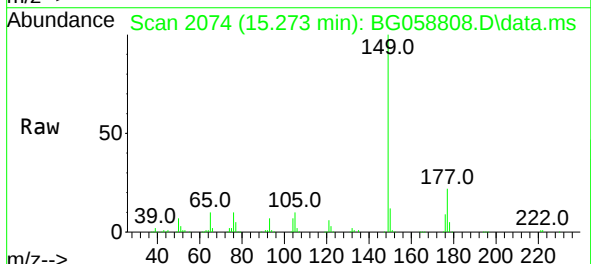
Manual Integrations
APPROVED

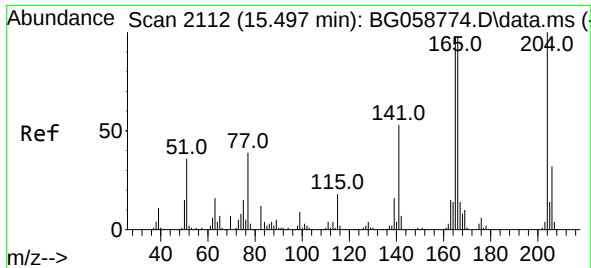
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#60
Diethylphthalate
Concen: 38.468 ng
RT: 15.273 min Scan# 2074
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

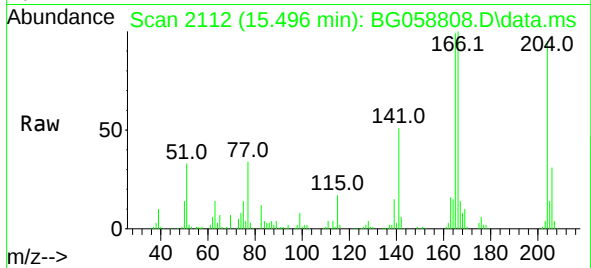
Tgt Ion:149 Resp: 242454
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.025 ng
RT: 15.496 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

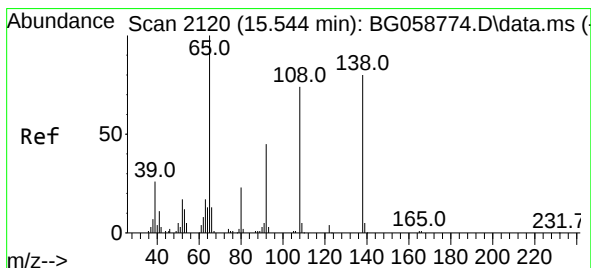
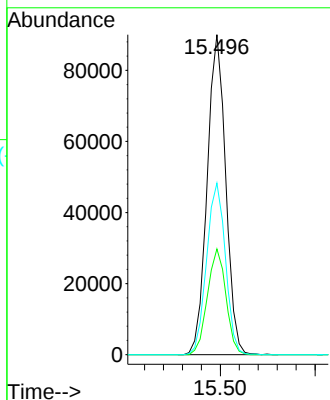
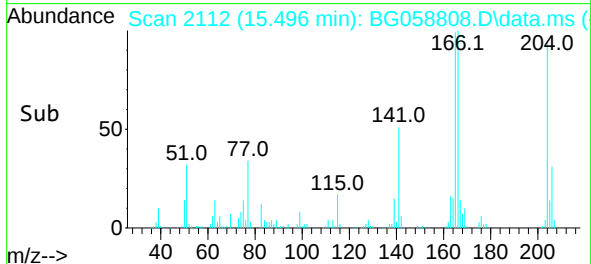
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



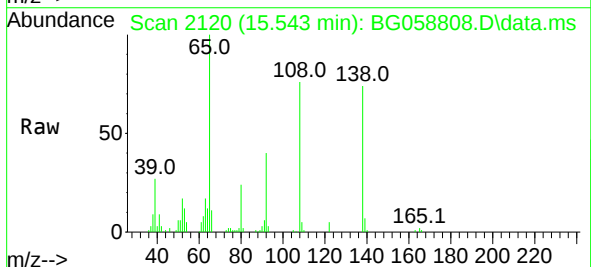
Tgt Ion:204 Resp: 12196
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 53.6 42.3 63.5

Manual Integrations
APPROVED

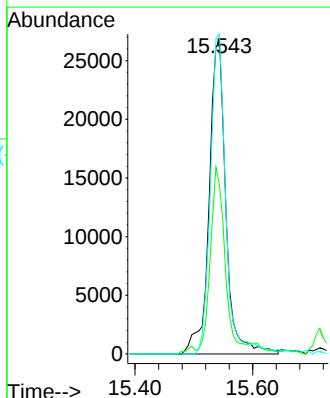
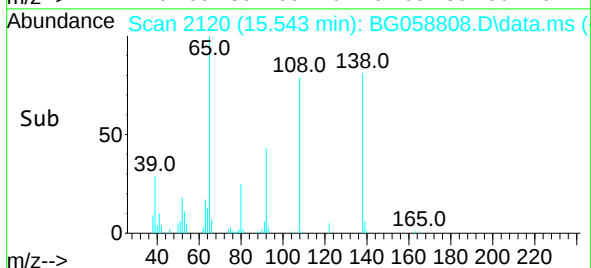
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

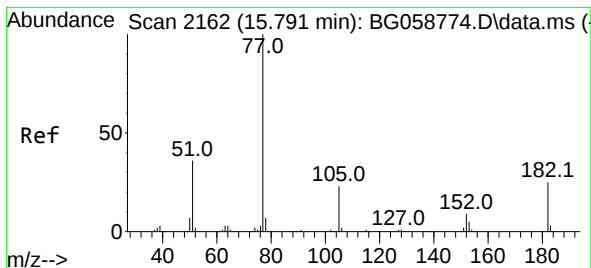


#62
4-Nitroaniline
Concen: 42.143 ng
RT: 15.543 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion:138 Resp: 52975
Ion Ratio Lower Upper
138 100
92 53.5 36.4 76.4
108 101.7 72.2 112.2





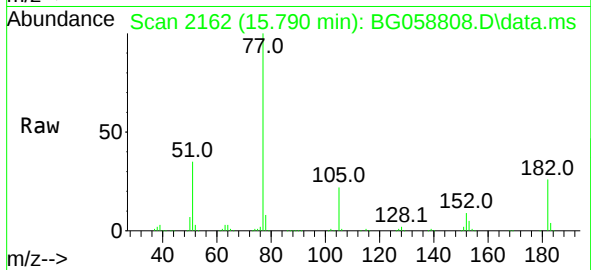
#63
Azobenzene
Concen: 38.264 ng
RT: 15.790 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

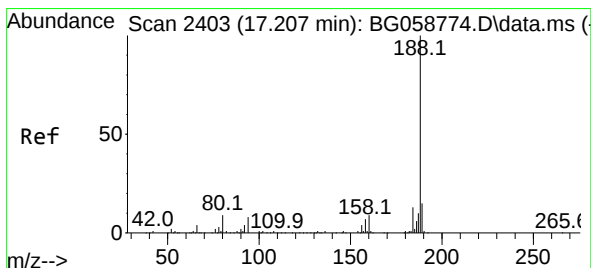
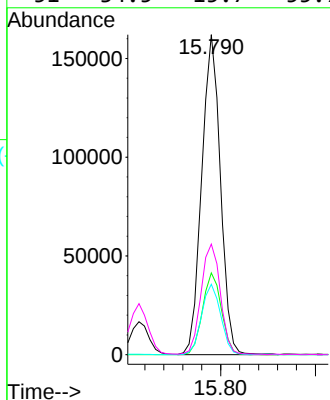
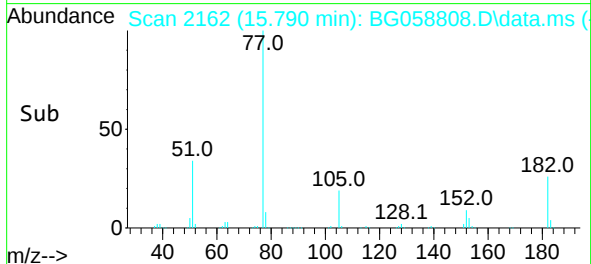


Tgt Ion: 77 Resp: 221448
Ion Ratio Lower Upper
77 100
182 25.6 4.9 44.9
105 22.0 2.8 42.8
51 34.5 15.7 55.7

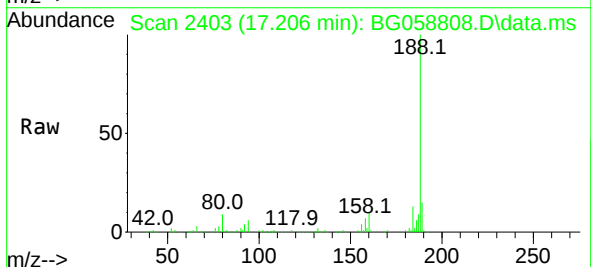
Manual Integrations

APPROVED

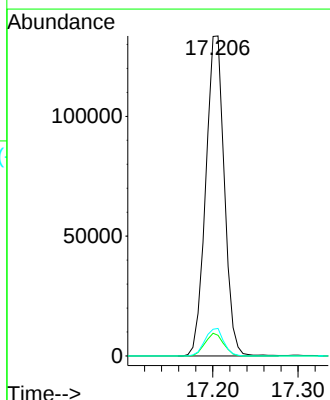
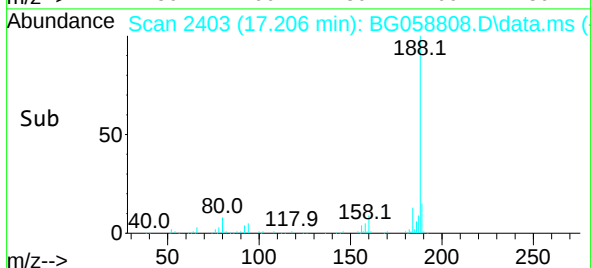
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

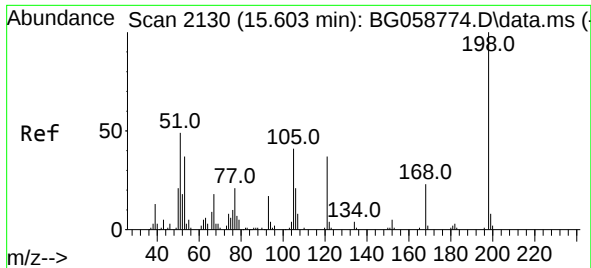


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion:188 Resp: 201914
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 8.6 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 40.023 ng
RT: 15.602 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

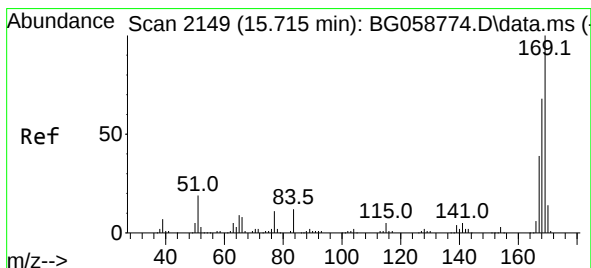
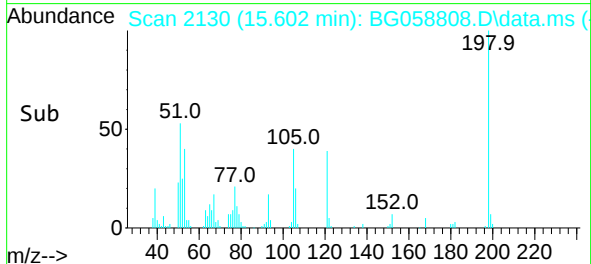
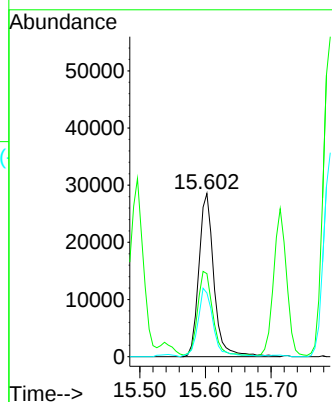
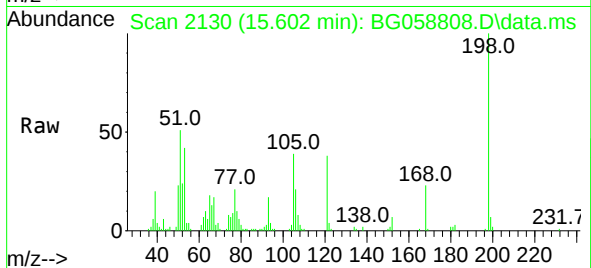
TP-LMSD

Tgt Ion:198 Resp: 45679
Ion Ratio Lower Upper
198 100
51 50.9 31.3 71.3
105 39.0 20.7 60.7

Manual Integrations

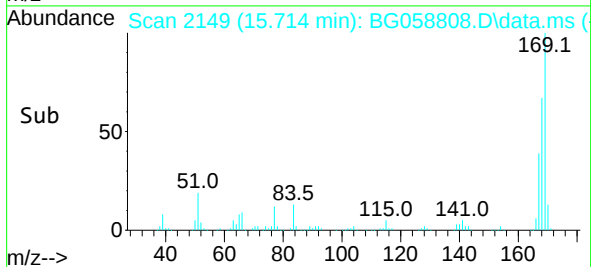
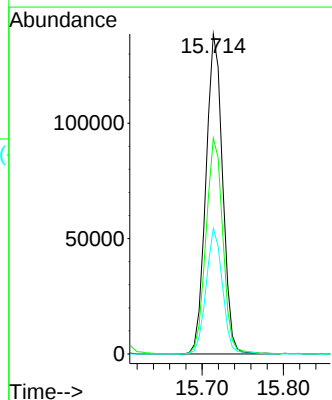
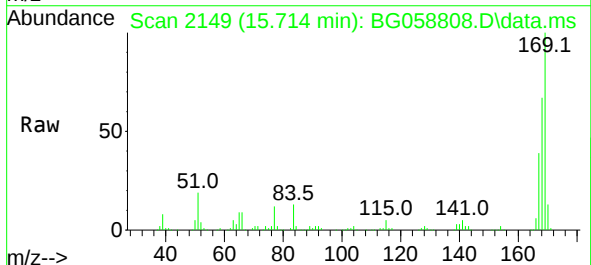
APPROVED

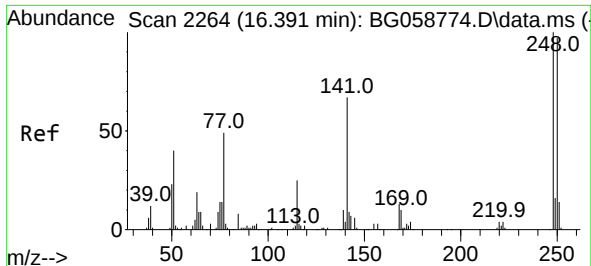
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#66
n-Nitrosodiphenylamine
Concen: 37.954 ng
RT: 15.714 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

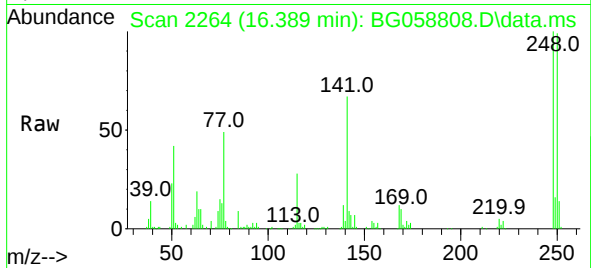
Tgt Ion:169 Resp: 197516
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 39.3 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 37.085 ng
RT: 16.389 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

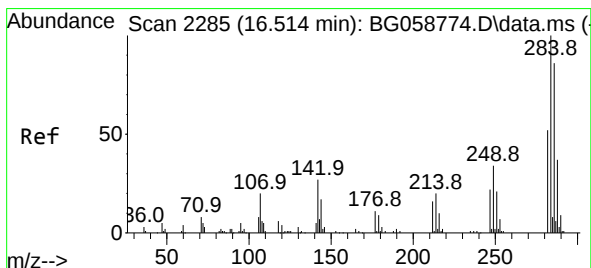
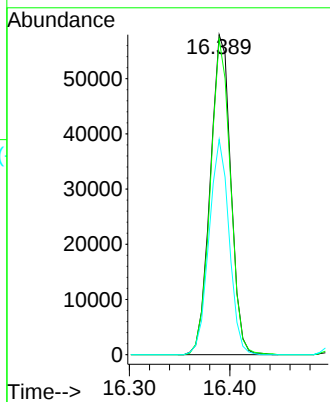
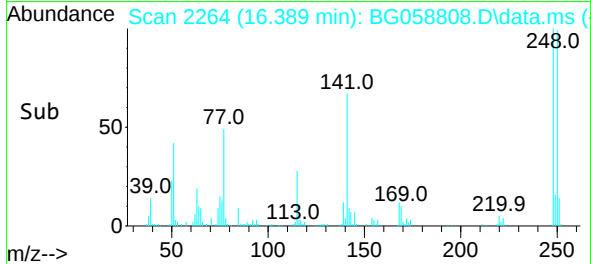
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion:248 Resp: 82169
Ion Ratio Lower Upper
248 100
250 98.7 77.7 116.5
141 67.2 53.6 80.4

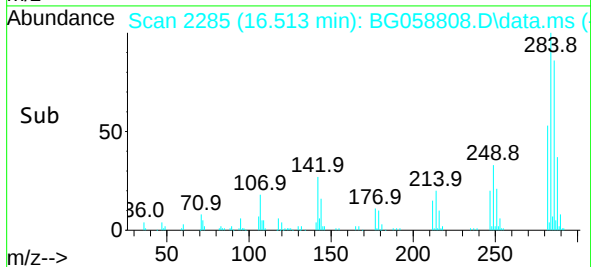
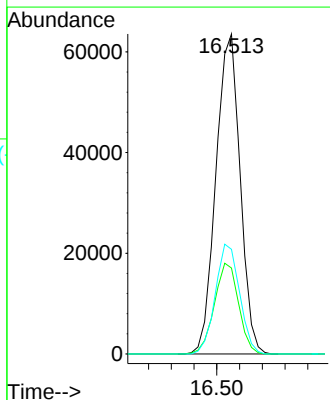
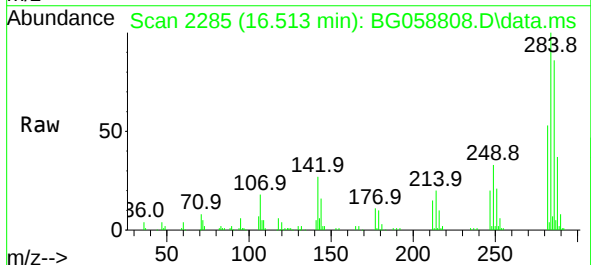
Manual Integrations
APPROVED

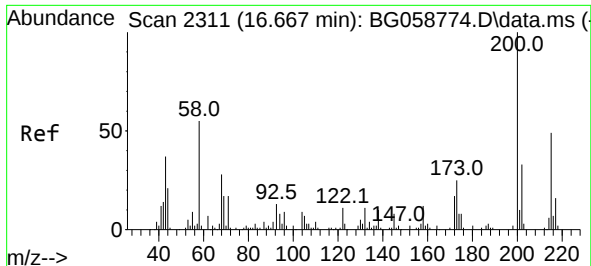
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#68
Hexachlorobenzene
Concen: 39.296 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion:284 Resp: 93709
Ion Ratio Lower Upper
284 100
142 26.8 22.0 33.0
249 32.7 27.2 40.8





#69
 Atrazine
 Concen: 47.238 ng
 RT: 16.666 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

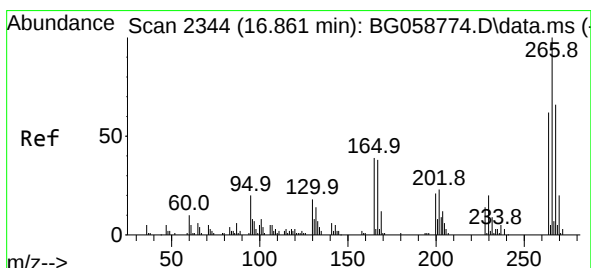
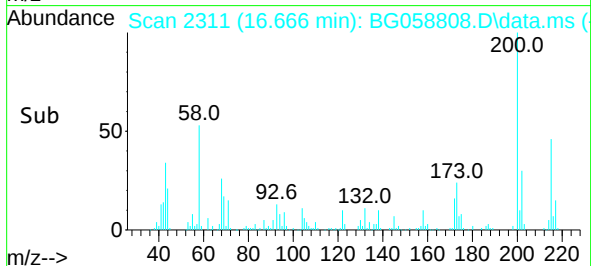
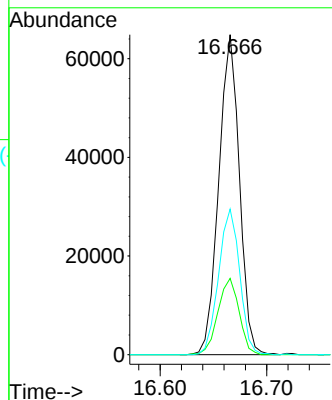
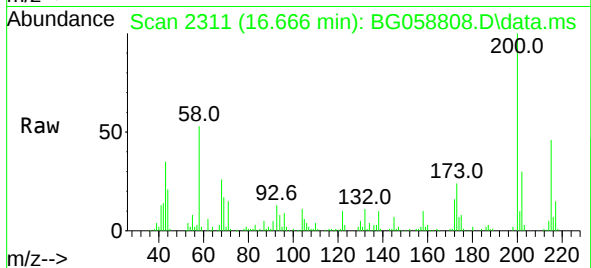
TP-LMSD

Tgt Ion:200 Resp: 86999
 Ion Ratio Lower Upper
 200 100
 173 23.8 5.3 45.3
 215 45.5 29.4 69.4

Manual Integrations

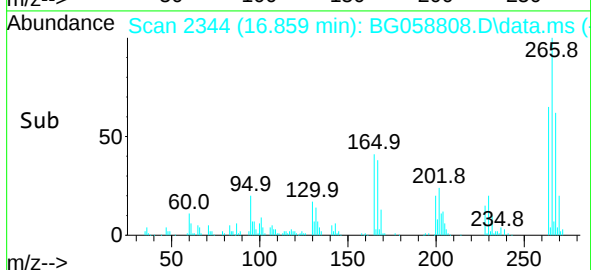
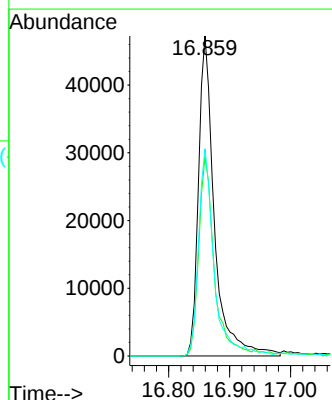
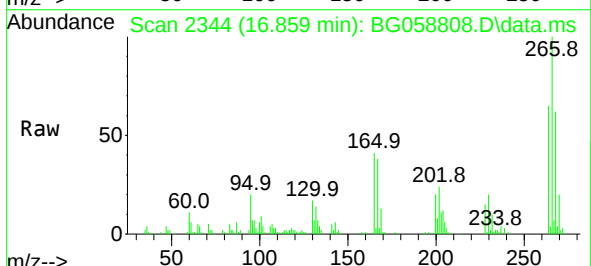
APPROVED

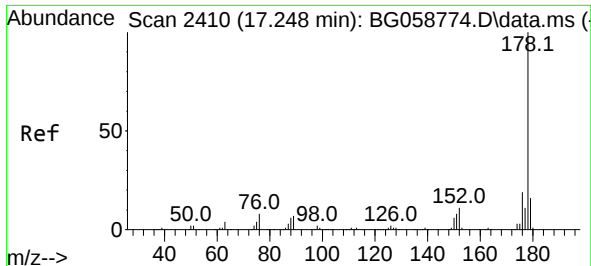
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023



#70
 Pentachlorophenol
 Concen: 68.615 ng
 RT: 16.859 min Scan# 2344
 Delta R.T. -0.002 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03

Tgt Ion:266 Resp: 85799
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.7 79.1
 264 64.8 49.5 74.3





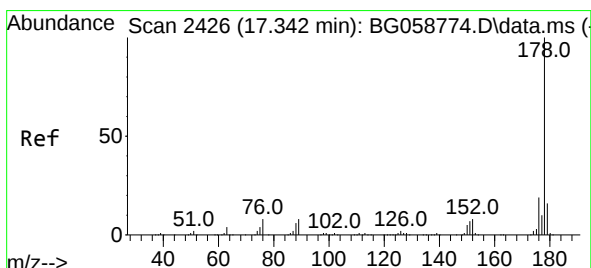
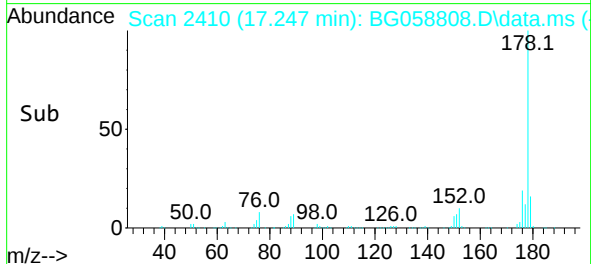
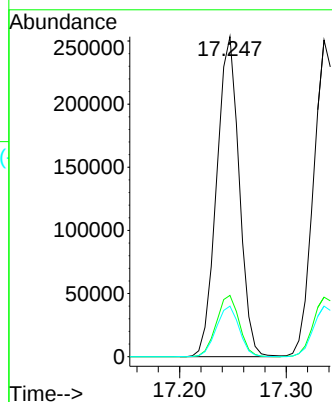
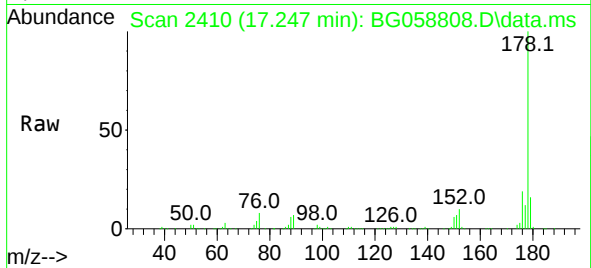
#71
Phenanthrene
Concen: 38.377 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Instrument :
BNA_G
ClientSampleId :
TP-LMSD

Tgt Ion:178 Resp: 372004
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.8 13.0 19.4

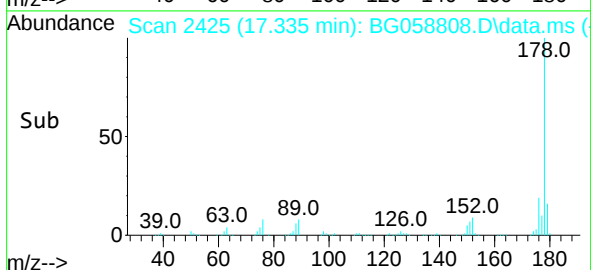
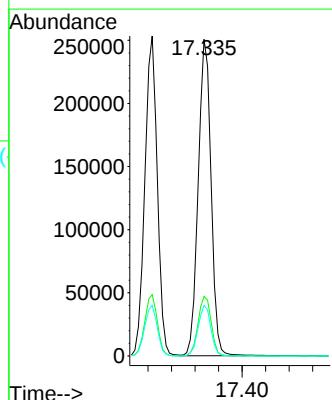
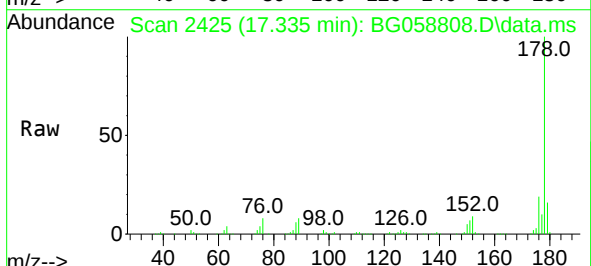
Manual Integrations
APPROVED

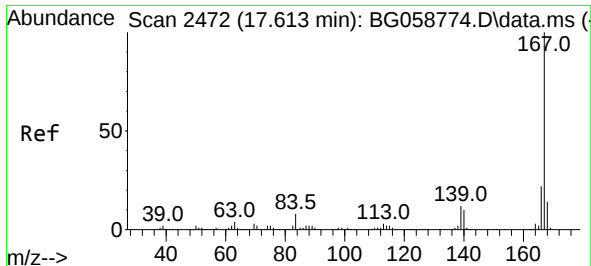
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#72
Anthracene
Concen: 39.021 ng
RT: 17.335 min Scan# 2425
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

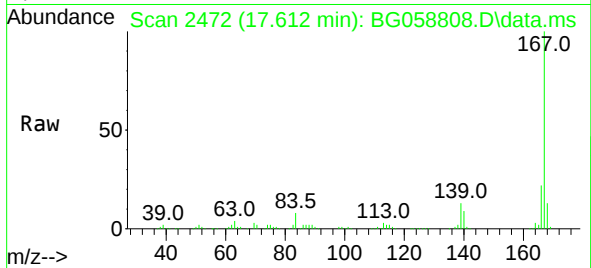
Tgt Ion:178 Resp: 379357
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 40.028 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. -0.001 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03

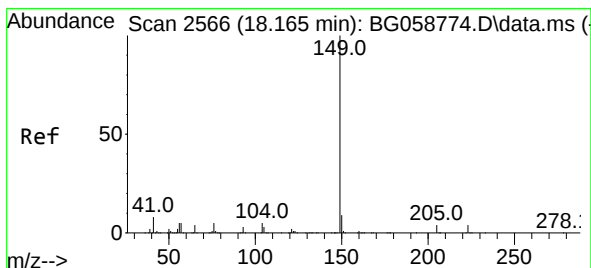
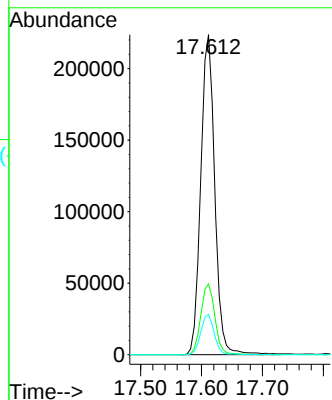
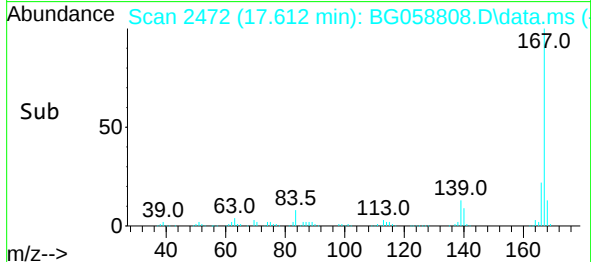
Instrument :
 BNA_G
 ClientSampleId :
 TP-LMSD



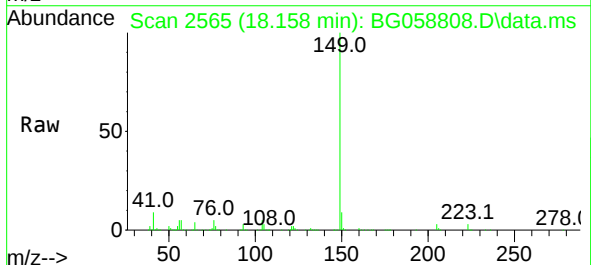
Tgt Ion:167 Resp: 35635
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 12.6 9.7 14.5

Manual Integrations
 APPROVED

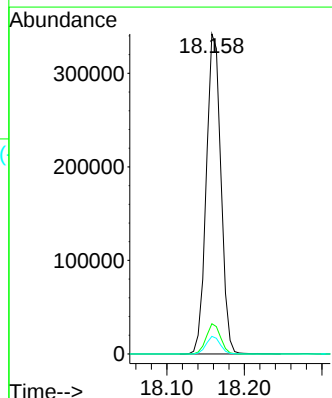
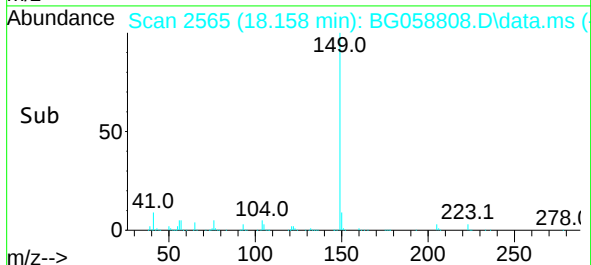
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023

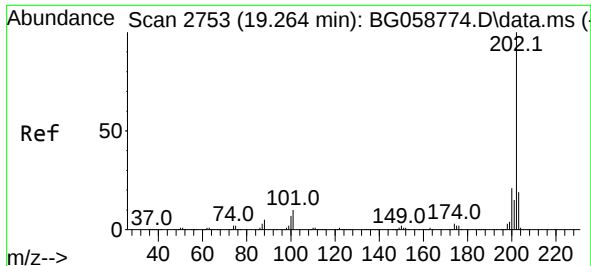


#74
 Di-n-butylphthalate
 Concen: 39.815 ng
 RT: 18.158 min Scan# 2565
 Delta R.T. -0.007 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03



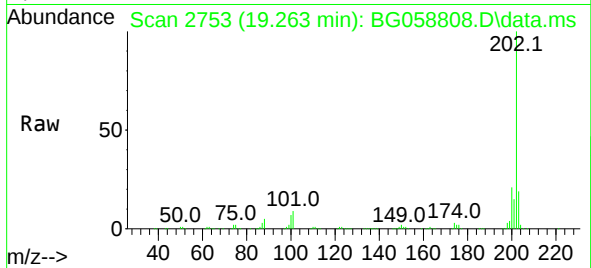
Tgt Ion:149 Resp: 447155
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 38.825 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

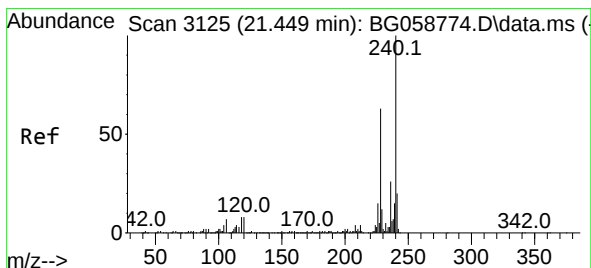
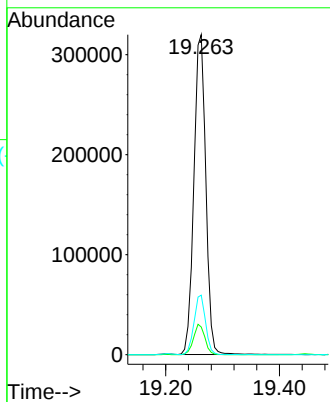
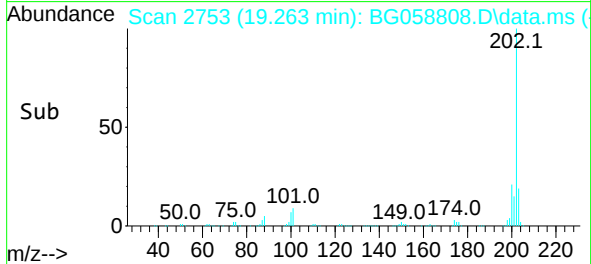
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



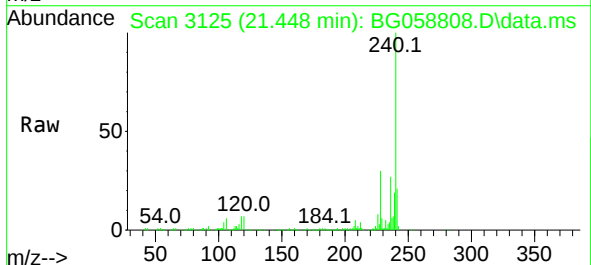
Tgt Ion:202 Resp: 466708
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.7
203 18.6 0.0 38.7

Manual Integrations
APPROVED

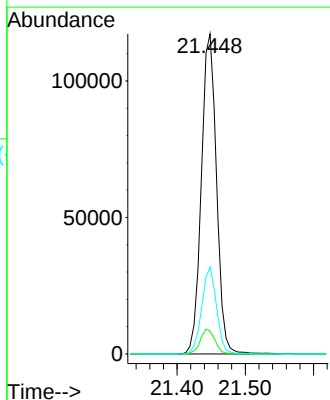
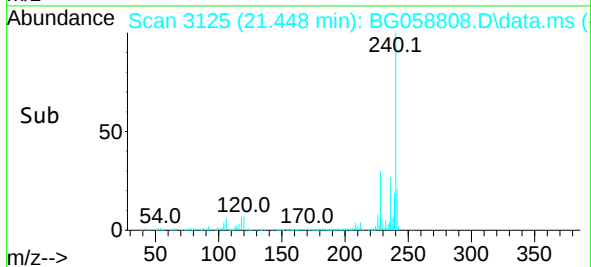
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

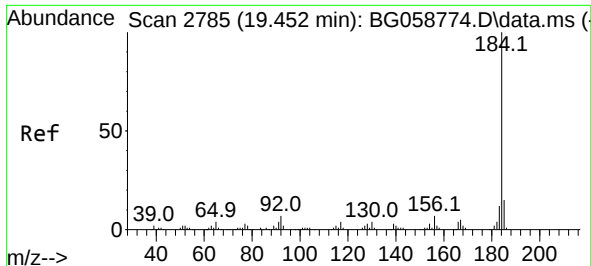


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



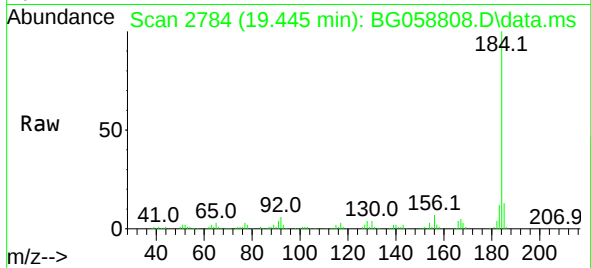
Tgt Ion:240 Resp: 181324
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.2
236 27.1 20.5 30.7





#77
Benzidine
Concen: 58.227 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

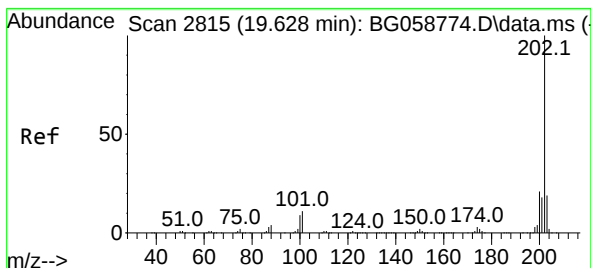
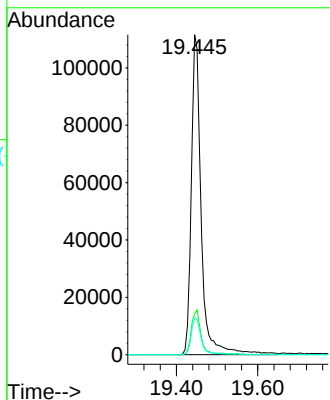
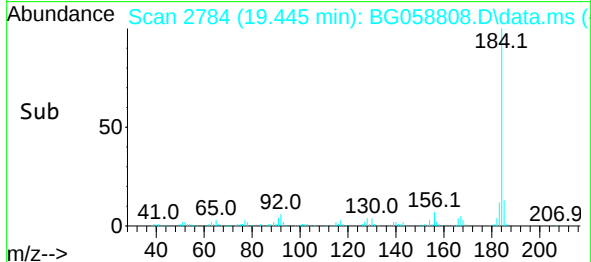
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion:184 Resp: 189219
Ion Ratio Lower Upper
184 100
185 12.8 11.9 17.9
183 11.5 10.0 15.0

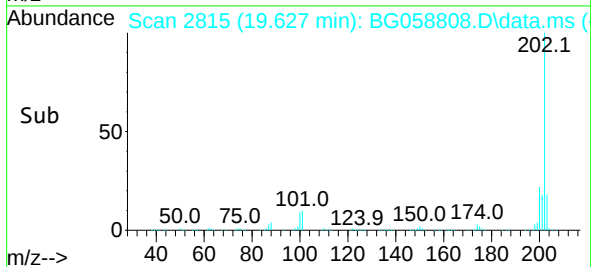
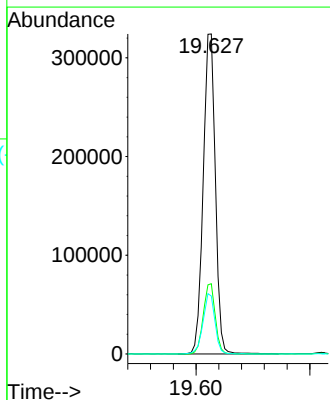
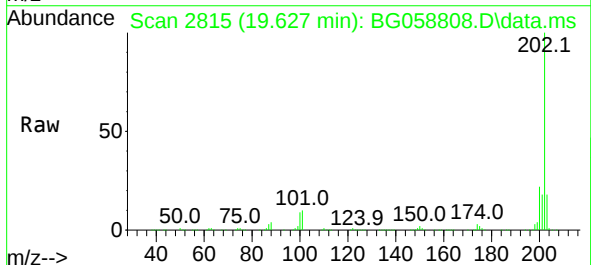
Manual Integrations
APPROVED

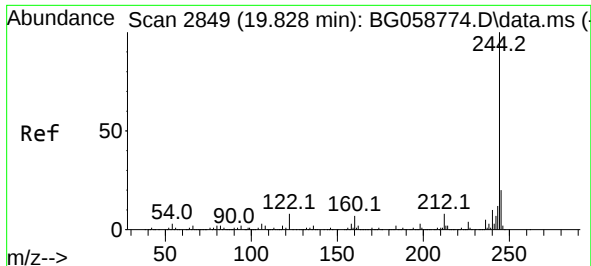
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#78
Pyrene
Concen: 37.916 ng
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion:202 Resp: 479038
Ion Ratio Lower Upper
202 100
200 22.0 16.7 25.1
203 18.1 15.3 22.9





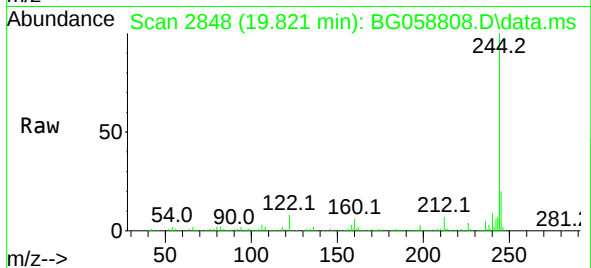
#79
 Terphenyl-d14
 Concen: 50.850 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

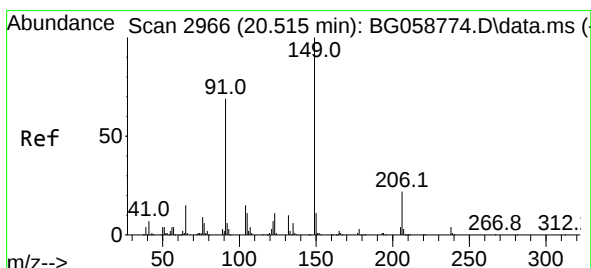
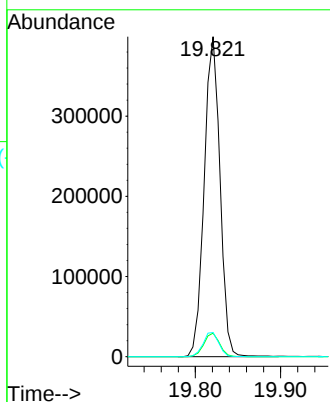
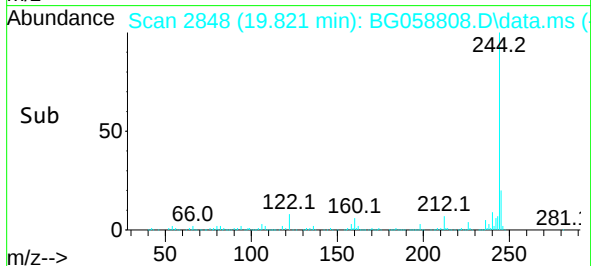


Tgt Ion:244 Resp: 513500
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 7.5 6.3 9.5

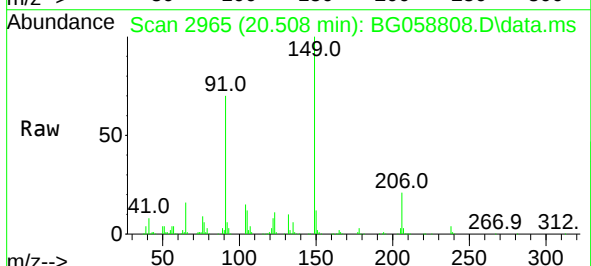
Manual Integrations

APPROVED

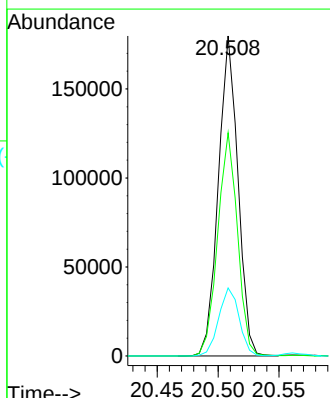
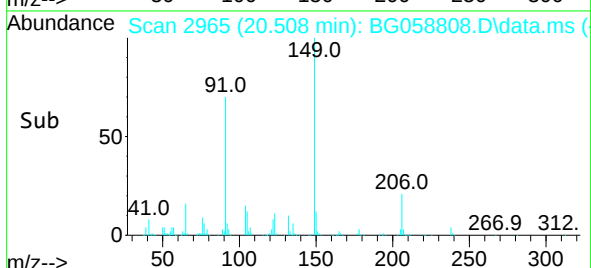
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023

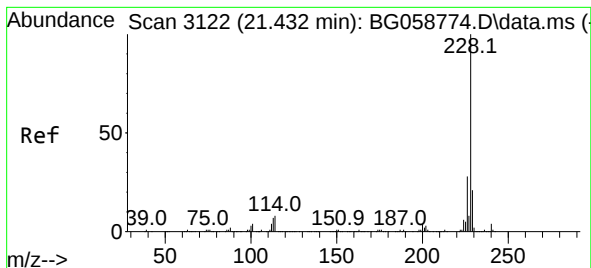


#80
 Butylbenzylphthalate
 Concen: 39.314 ng
 RT: 20.508 min Scan# 2965
 Delta R.T. -0.007 min
 Lab File: BG058808.D
 Acq: 22 Aug 2023 15:03



Tgt Ion:149 Resp: 201444
 Ion Ratio Lower Upper
 149 100
 91 69.8 55.0 82.4
 206 21.2 17.6 26.4





#81

Benzo(a)anthracene

Concen: 38.649 ng

RT: 21.425 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

Tgt Ion:228 Resp: 48782

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

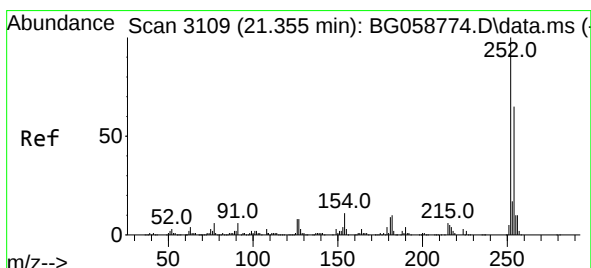
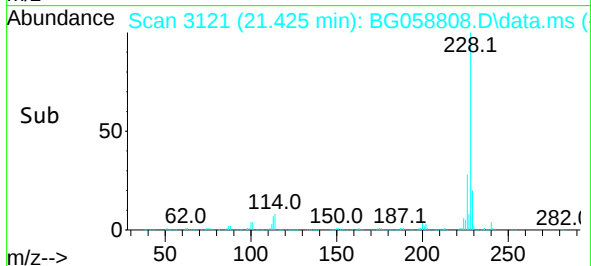
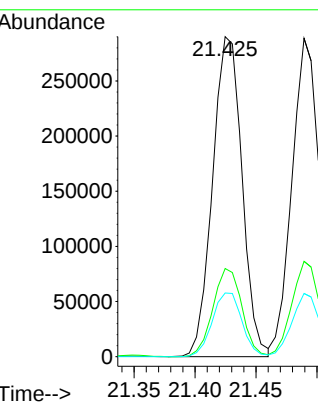
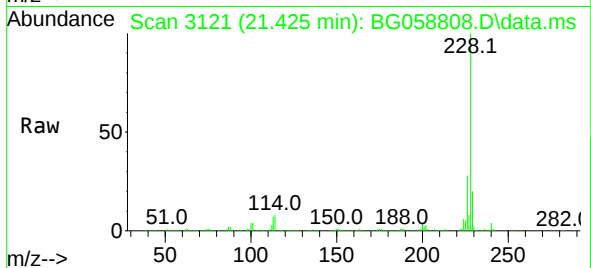
229 19.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#82

3,3'-Dichlorobenzidine

Concen: 30.917 ng

RT: 21.348 min Scan# 3108

Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

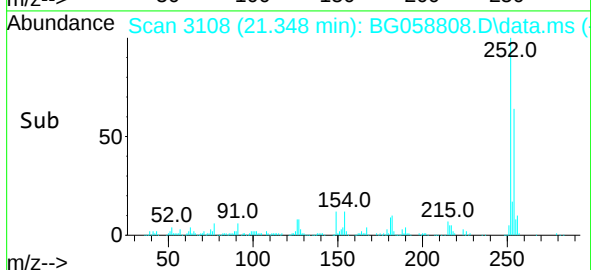
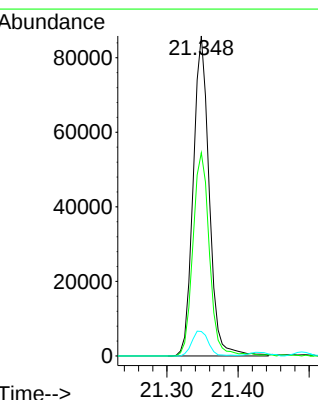
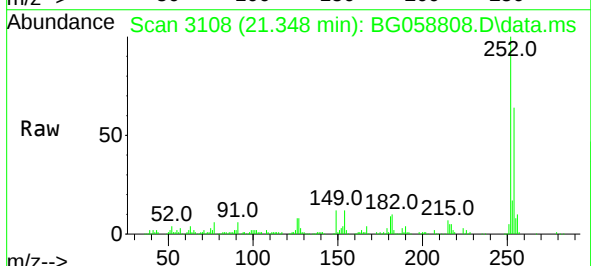
Tgt Ion:252 Resp: 134723

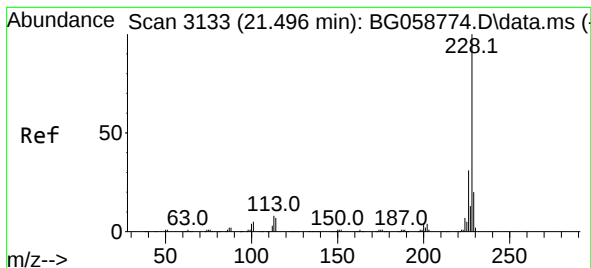
Ion Ratio Lower Upper

252 100

254 63.5 51.8 77.6

126 7.6 6.6 9.8





#83

Chrysene

Concen: 37.147 ng

RT: 21.489 min Scan# 3133

Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

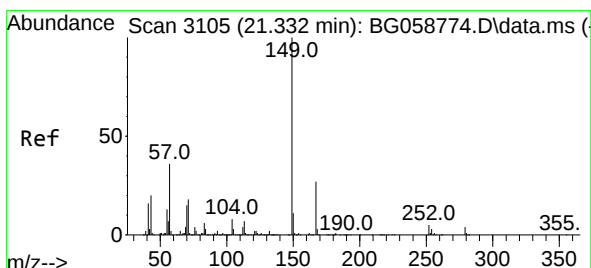
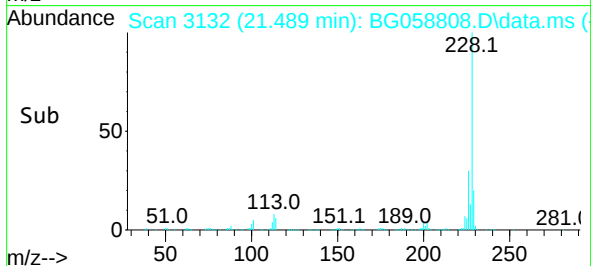
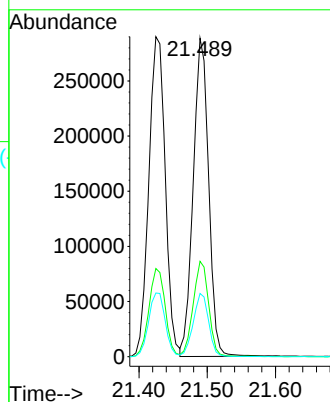
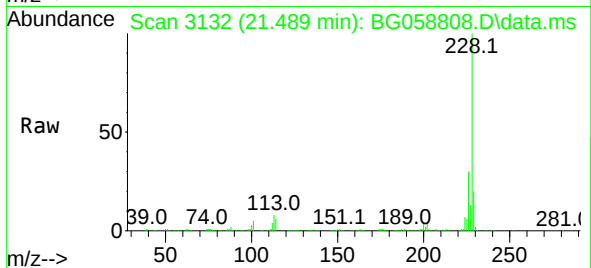
TP-LMSD

Tgt Ion:228 Resp: 451933
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.4 36.6
 229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.473 ng

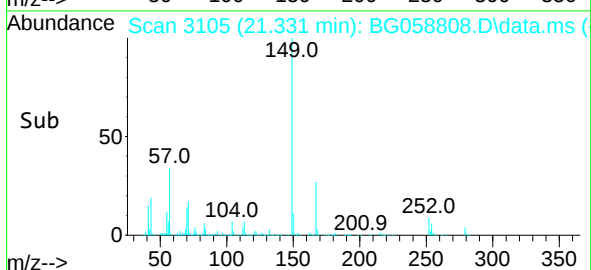
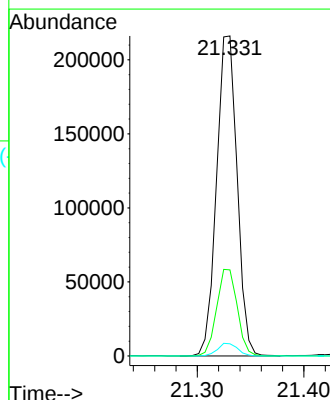
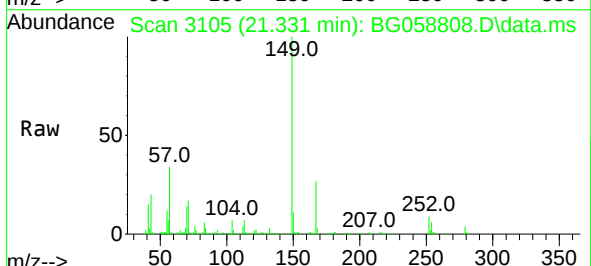
RT: 21.331 min Scan# 3105

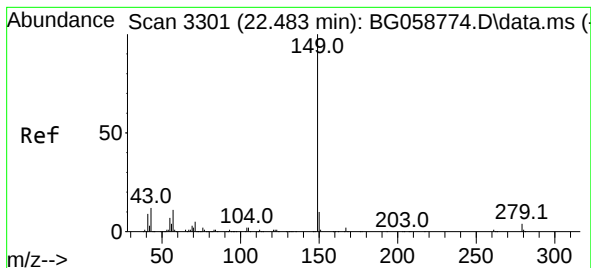
Delta R.T. -0.001 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

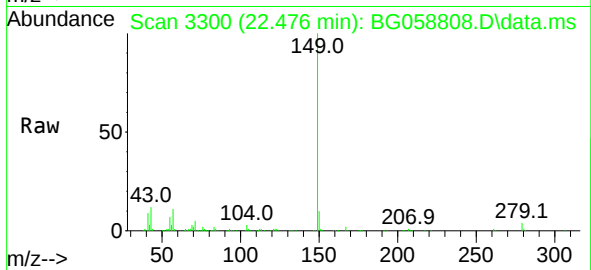
Tgt Ion:149 Resp: 289129
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.7 32.5
 279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 39.479 ng
RT: 22.476 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

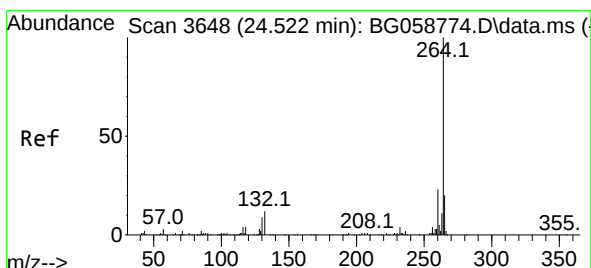
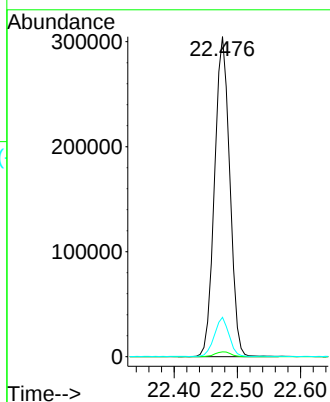
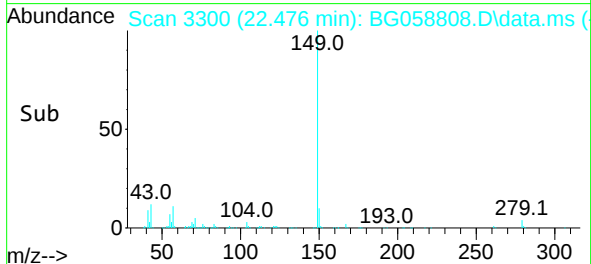
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



Tgt Ion:149 Resp: 51030
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.7 14.5

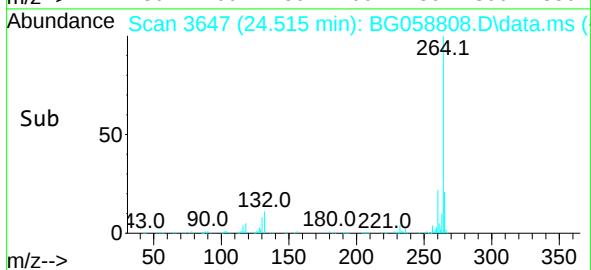
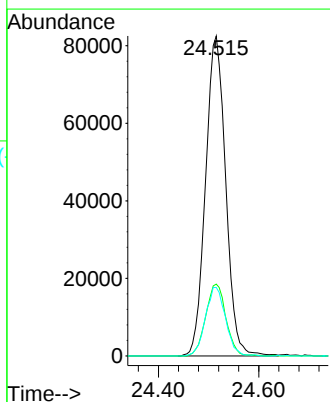
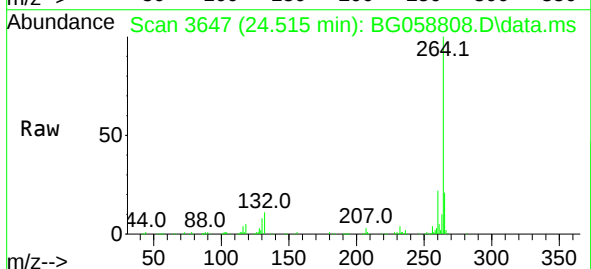
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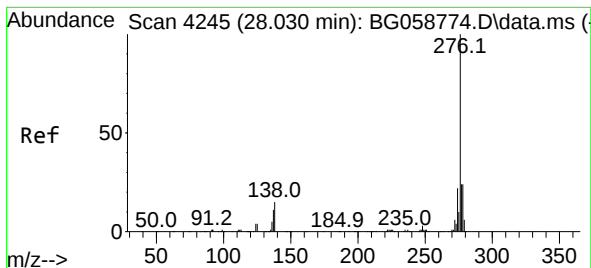
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.515 min Scan# 3647
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

Tgt Ion:264 Resp: 229941
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.2
265 21.4 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.017 ng

RT: 28.011 min Scan# 41

Delta R.T. -0.019 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

TP-LMSD

Tgt Ion:276 Resp: 606992

Ion Ratio Lower Upper

276 100

138 17.3 6.2 9.2

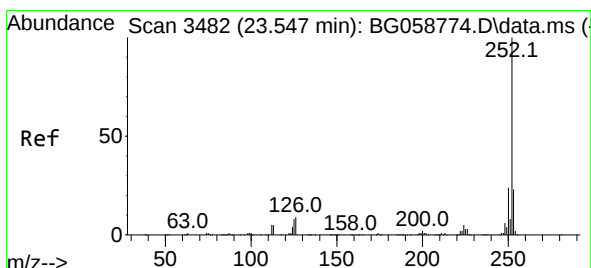
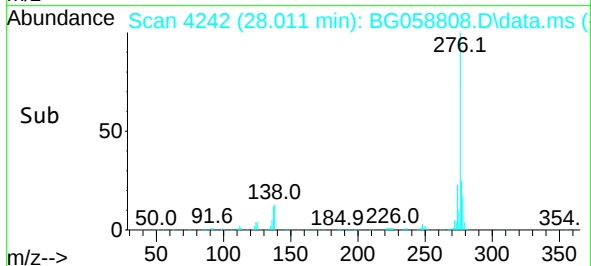
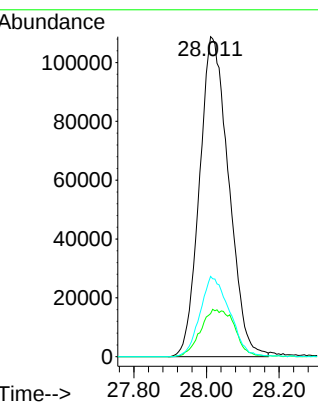
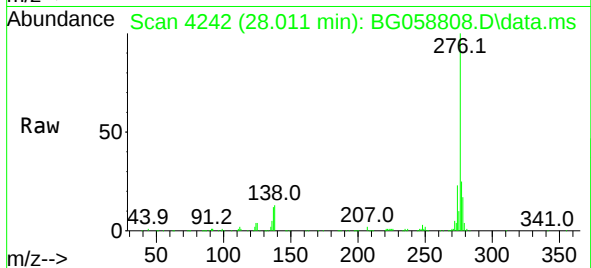
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023



#88

Benzo(b)fluoranthene

Concen: 40.597 ng

RT: 23.540 min Scan# 3481

Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

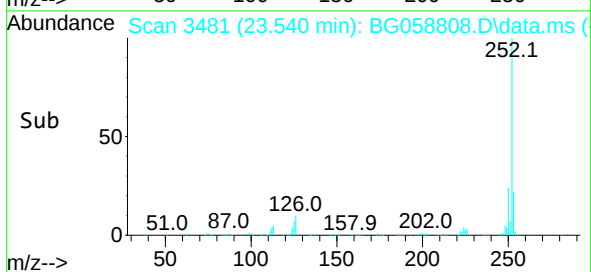
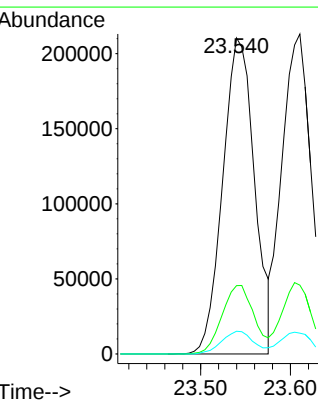
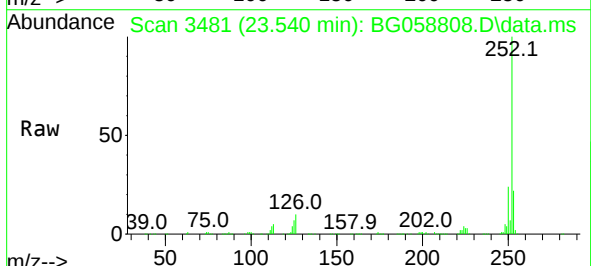
Tgt Ion:252 Resp: 517950

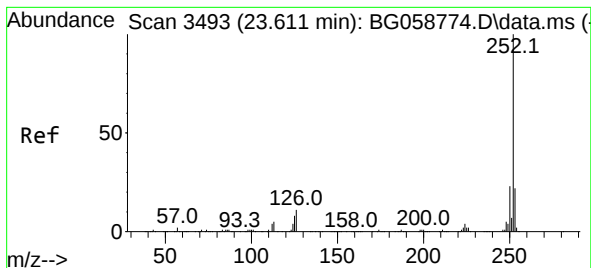
Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 7.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 37.153 ng

RT: 23.610 min Scan# 3493

Delta R.T. -0.001 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

Instrument :

BNA_G

ClientSampleId :

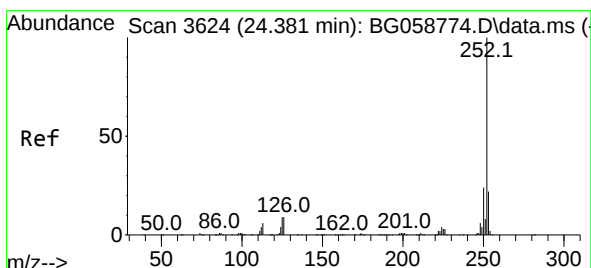
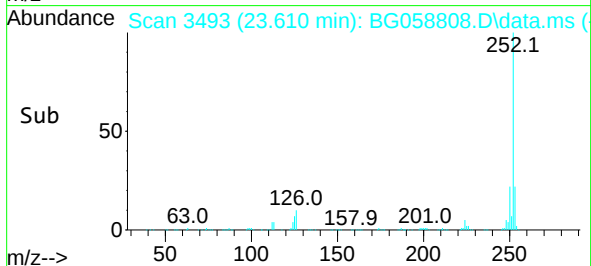
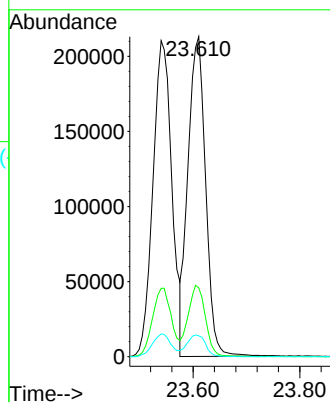
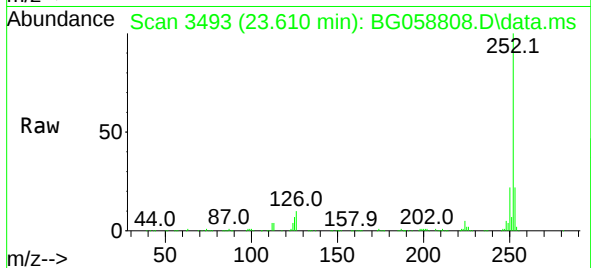
TP-LMSD

Tgt Ion:252 Resp: 48885
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.6 26.4
 125 6.5 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/12/2023



#90

Benzo(a)pyrene

Concen: 36.523 ng

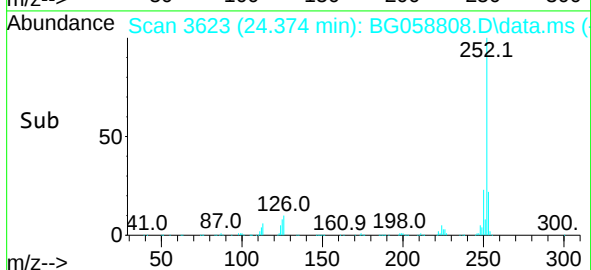
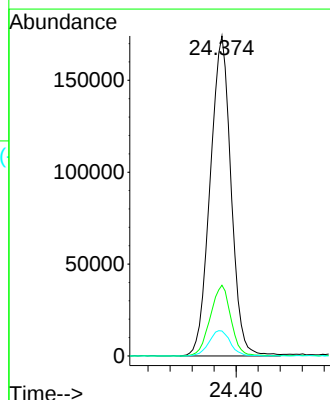
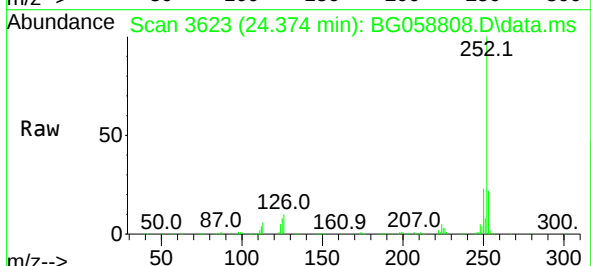
RT: 24.374 min Scan# 3623

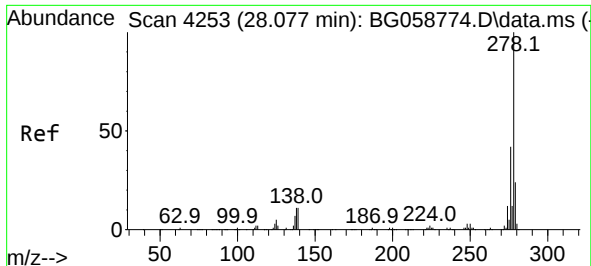
Delta R.T. -0.007 min

Lab File: BG058808.D

Acq: 22 Aug 2023 15:03

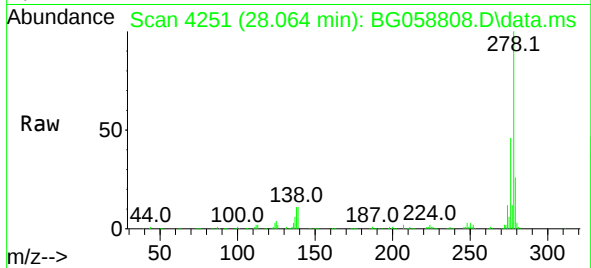
Tgt Ion:252 Resp: 458821
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 7.8 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 39.269 ng
RT: 28.064 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03

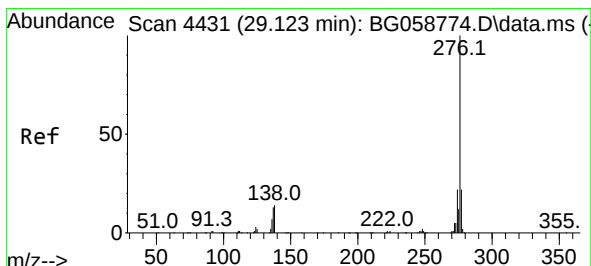
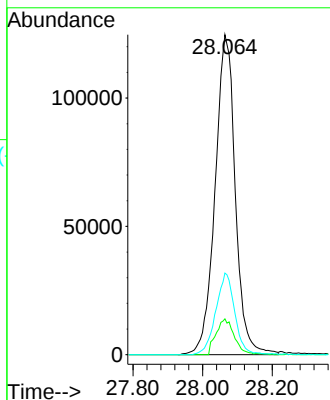
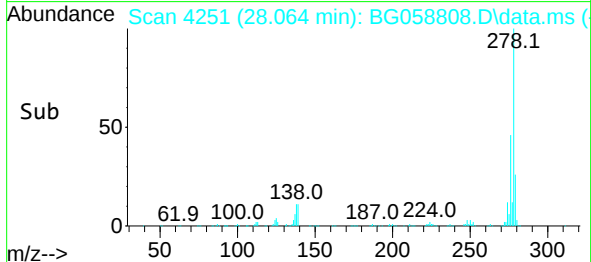
Instrument :
BNA_G
ClientSampleId :
TP-LMSD



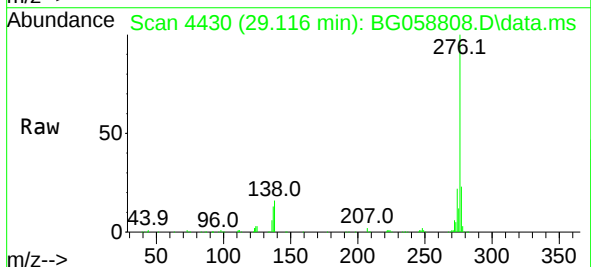
Tgt Ion:278 Resp: 50199
Ion Ratio Lower Upper
278 100
139 11.2 8.9 13.3
279 25.5 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023



#92
Benzo(g,h,i)perylene
Concen: 38.566 ng
RT: 29.116 min Scan# 4430
Delta R.T. -0.007 min
Lab File: BG058808.D
Acq: 22 Aug 2023 15:03



Tgt Ion:276 Resp: 492914
Ion Ratio Lower Upper
276 100
277 22.7 17.8 26.6
138 15.6 11.1 16.7

