

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058810.D
 Acq On : 22 Aug 2023 16:25
 Operator : MA/JU
 Sample : 04090-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-LMS

Manual Integrations
 APPROVED

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

Quant Time: Aug 23 16:49:46 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	7.803	152	25247	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	106633	20.000	ng	0.00
39) Acenaphthene-d10	14.454	164	77630	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	196570	20.000	ng	0.00
76) Chrysene-d12	21.446	240	171775	20.000	ng	0.00
86) Perylene-d12	24.518	264	219402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	143332	91.361	ng	0.00
7) Phenol-d6	6.980	99	200109	90.912	ng	0.00
23) Nitrobenzene-d5	8.972	82	113426	51.140	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	106766	87.713	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	245890	46.069	ng	0.00
79) Terphenyl-d14	19.824	244	495670	51.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	25799	34.977	ng	98
3) Pyridine	3.655	79	62942	32.292	ng	92
4) n-Nitrosodimethylamine	3.578	42	41923	39.563	ng	99
6) Aniline	7.133	93	82434	30.636	ng	98
8) 2-Chlorophenol	7.374	128	72213	45.523	ng	99
9) Benzaldehyde	6.945	77	31071m	25.165	ng	
10) Phenol	7.010	94	99006	46.646	ng	95
11) bis(2-Chloroethyl)ether	7.227	93	66778	40.321	ng	99
12) 1,3-Dichlorobenzene	7.691	146	70993	42.134	ng	96
13) 1,4-Dichlorobenzene	7.844	146	72647	42.637	ng	97
14) 1,2-Dichlorobenzene	8.161	146	70238	42.651	ng	97
15) Benzyl Alcohol	8.050	79	71203	45.244	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.332	45	146503m	41.508	ng	
17) 2-Methylphenol	8.255	107	66459	42.631	ng	99
18) Hexachloroethane	8.884	117	27214	43.837	ng	97
19) n-Nitroso-di-n-propyla...	8.614	70	56964	40.036	ng	97
20) 3+4-Methylphenols	8.584	107	90252	43.062	ng	97
22) Acetophenone	8.631	105	114242	39.578	ng	# 99
24) Nitrobenzene	9.013	77	85045	38.553	ng	97
25) Isophorone	9.530	82	165906	37.614	ng	99
26) 2-Nitrophenol	9.724	139	38418	41.641	ng	97
27) 2,4-Dimethylphenol	9.783	122	63870	40.848	ng	98
28) bis(2-Chloroethoxy)met...	10.018	93	92528	39.604	ng	100
29) 2,4-Dichlorophenol	10.265	162	72649	45.216	ng	99
30) 1,2,4-Trichlorobenzene	10.470	180	78057	40.231	ng	99
31) Naphthalene	10.658	128	220084	39.308	ng	98
32) Benzoic acid	9.959	122	39569m	42.094	ng	
33) 4-Chloroaniline	10.776	127	57958	24.545	ng	98
34) Hexachlorobutadiene	10.934	225	50824	38.813	ng	99
35) Caprolactam	11.557	113	24249m	42.118	ng	
36) 4-Chloro-3-methylphenol	11.910	107	87111	43.597	ng	99
37) 2-Methylnaphthalene	12.274	142	153369	38.139	ng	97
38) 1-Methylnaphthalene	12.491	142	147166	38.553	ng	98
40) 1,2,4,5-Tetrachloroben...	12.644	216	91844	38.377	ng	99
41) Hexachlorocyclopentadiene	12.621	237	77503	82.065	ng	98
43) 2,4,6-Trichlorophenol	12.891	196	64848	42.584	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058810.D
 Acq On : 22 Aug 2023 16:25
 Operator : MA/JU
 Sample : 04090-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-LMS

Manual Integrations
 APPROVED

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

Quant Time: Aug 23 16:49:46 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)
44) 2,4,5-Trichlorophenol	12.967	196	70990	38.929	ng	98
46) 1,1'-Biphenyl	13.285	154	206130	38.545	ng	98
47) 2-Chloronaphthalene	13.332	162	166689	39.997	ng	99
48) 2-Nitroaniline	13.543	65	63084	39.856	ng	98
49) Acenaphthylene	14.178	152	277585	40.165	ng	99
50) Dimethylphthalate	13.913	163	228142	37.956	ng	99
51) 2,6-Dinitrotoluene	14.037	165	51586	40.851	ng	96
52) Acenaphthene	14.518	154	156139	38.660	ng	94
53) 3-Nitroaniline	14.372	138	34815	28.586	ng #	97
54) 2,4-Dinitrophenol	14.589	184	56175	79.629	ng	98
55) Dibenzofuran	14.853	168	271503	38.971	ng	99
56) 4-Nitrophenol	14.695	139	76888	86.860	ng	99
57) 2,4-Dinitrotoluene	14.830	165	76143	43.231	ng	96
58) Fluorene	15.505	166	220416	39.755	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.088	232	68730	46.187	ng	96
60) Diethylphthalate	15.276	149	240696	38.839	ng	99
61) 4-Chlorophenyl-phenyle...	15.494	204	118876	38.683	ng	95
62) 4-Nitroaniline	15.541	138	51662	41.798	ng	93
63) Azobenzene	15.788	77	220868	38.814	ng	99
65) 4,6-Dinitro-2-methylph...	15.600	198	45243	40.719	ng	98
66) n-Nitrosodiphenylamine	15.717	169	197768	39.036	ng	98
67) 4-Bromophenyl-phenylether	16.393	248	82547	38.268	ng	97
68) Hexachlorobenzene	16.510	284	94479	40.696	ng	99
69) Atrazine	16.663	200	84136	46.925	ng	96
70) Pentachlorophenol	16.857	266	82529	67.794	ng	97
71) Phenanthrene	17.245	178	367453	38.938	ng	99
72) Anthracene	17.339	178	374511	39.570	ng	99
73) Carbazole	17.609	167	353149	40.746	ng	98
74) Di-n-butylphthalate	18.161	149	438403	40.097	ng	99
75) Fluoranthene	19.260	202	455606	38.932	ng	100
77) Benzidine	19.448	184	176089	57.199	ng	99
78) Pyrene	19.624	202	470261	39.291	ng	99
80) Butylbenzylphthalate	20.511	149	198269	40.845	ng	99
81) Benzo(a)anthracene	21.428	228	471623	39.443	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	133649	32.375	ng	99
83) Chrysene	21.493	228	440859	38.252	ng	100
84) Bis(2-ethylhexyl)phtha...	21.328	149	285170	40.056	ng	99
85) Di-n-octyl phthalate	22.480	149	498529	40.712	ng	100
87) Indeno(1,2,3-cd)pyrene	28.020	276	600727	40.469	ng #	98
88) Benzo(b)fluoranthene	23.543	252	508687	41.786	ng	99
89) Benzo(k)fluoranthene	23.608	252	476405	37.947	ng	98
90) Benzo(a)pyrene	24.377	252	446918	37.285	ng	99
91) Dibenzo(a,h)anthracene	28.073	278	491447	40.291	ng	99
92) Benzo(g,h,i)perylene	29.113	276	484088	39.695	ng	98

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

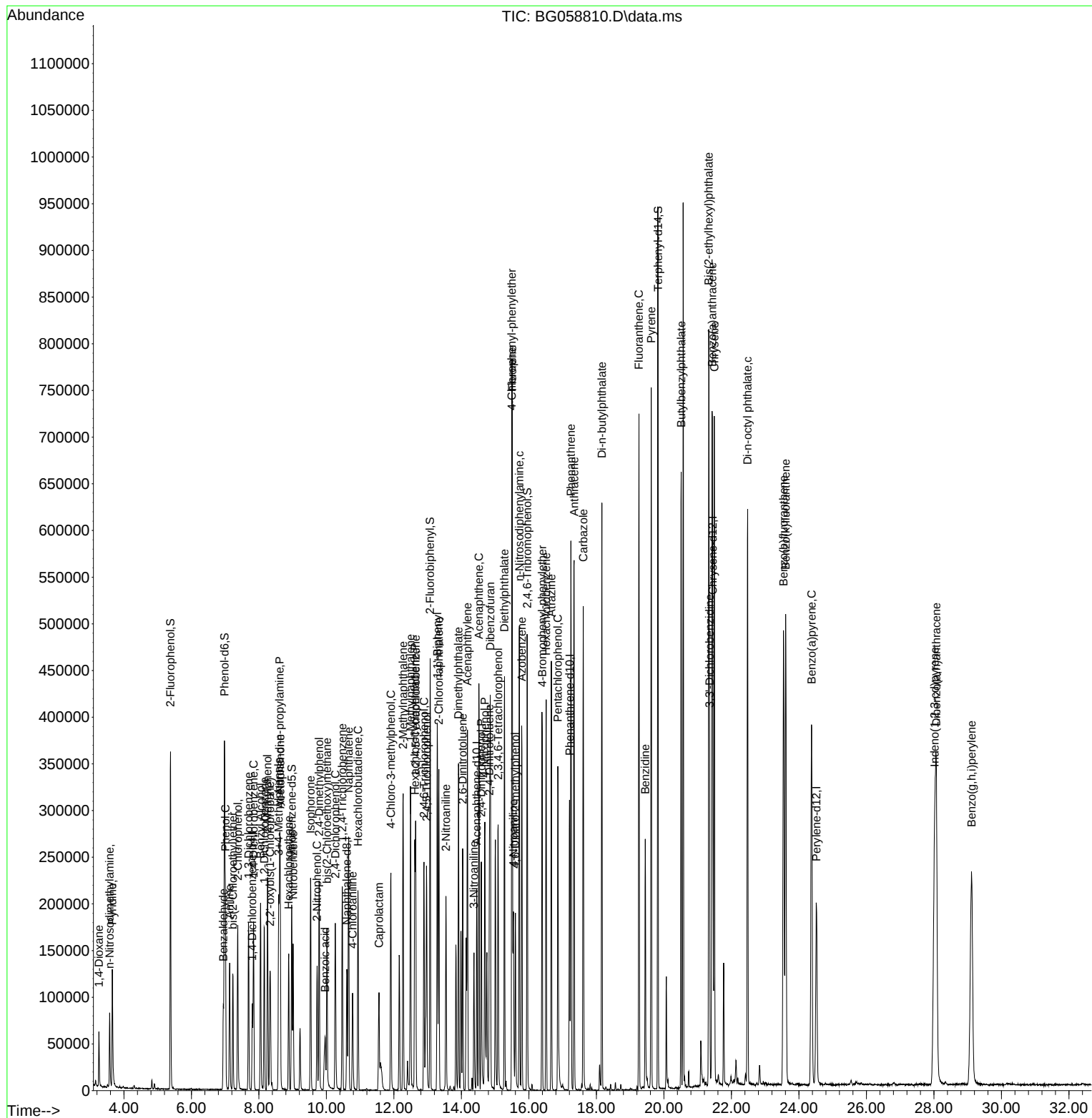
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058810.D
 Acq On : 22 Aug 2023 16:25
 Operator : MA/JU
 Sample : 04090-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

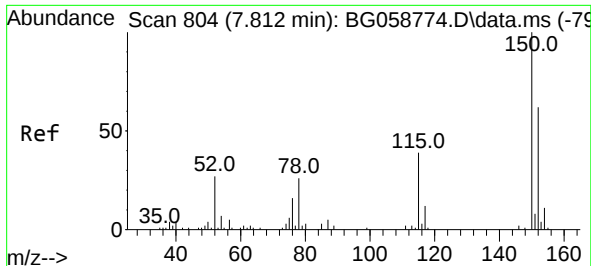
Instrument :
 BNA_G
 ClientSampleId :
 TP-LMS

Quant Time: Aug 23 16:49:46 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

Manual Integrations APPROVED

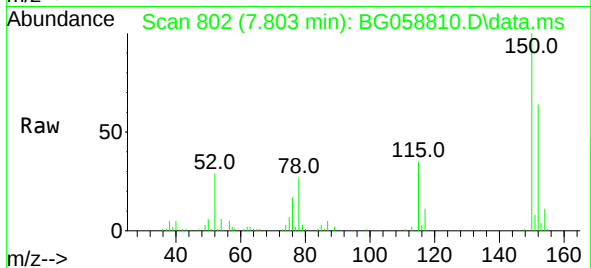
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.803 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

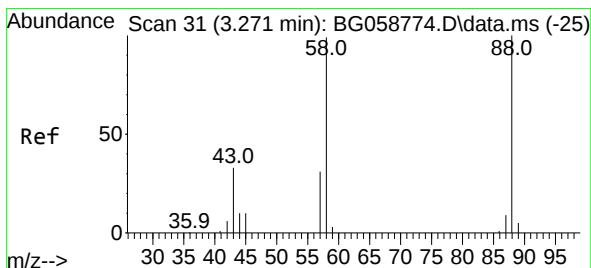
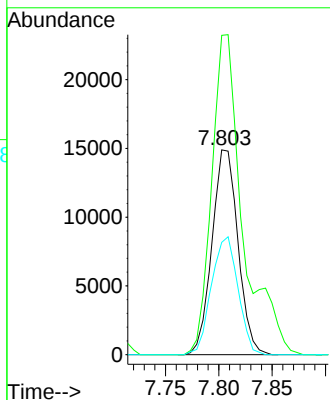
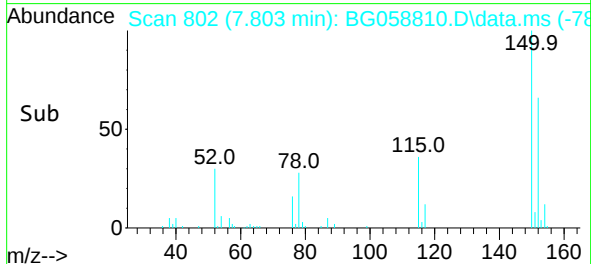
Instrument :
BNA_G
ClientSampleId :
TP-LMS



Tgt Ion:152 Resp: 2524
Ion Ratio Lower Upper
152 100
150 155.9 128.6 192.8
115 54.9 50.4 75.6

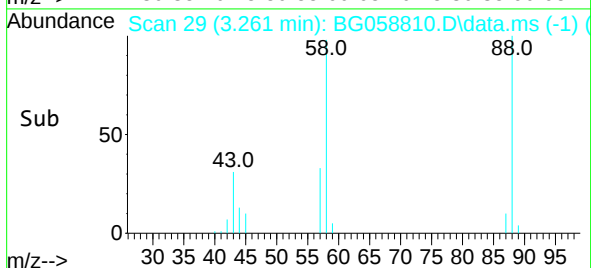
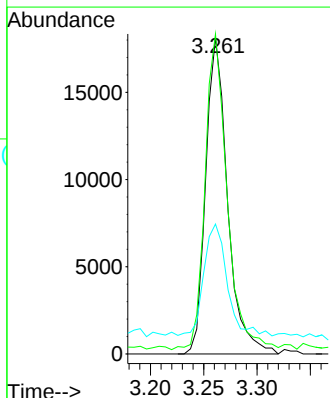
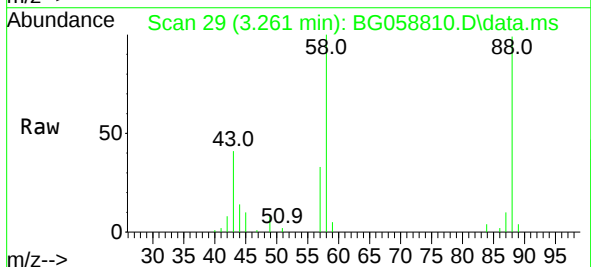
Manual Integrations
APPROVED

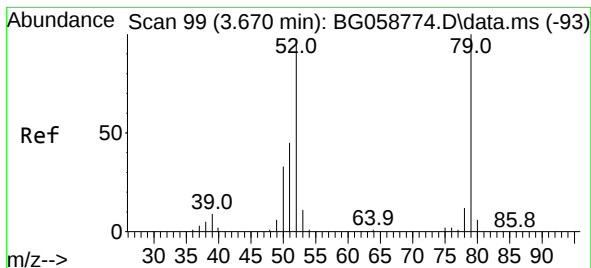
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#2
1,4-Dioxane
Concen: 34.977 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.010 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion: 88 Resp: 25799
Ion Ratio Lower Upper
88 100
58 100.4 82.8 124.2
43 37.0 30.1 45.1





#3

Pyridine

Concen: 32.292 ng

RT: 3.655 min Scan# 90

Delta R.T. -0.016 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

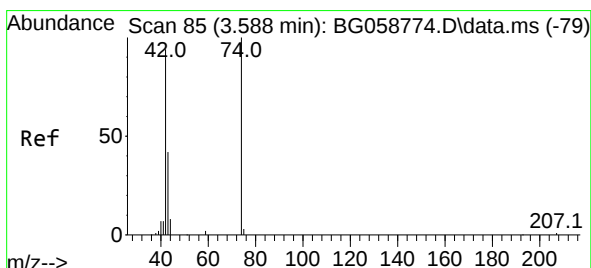
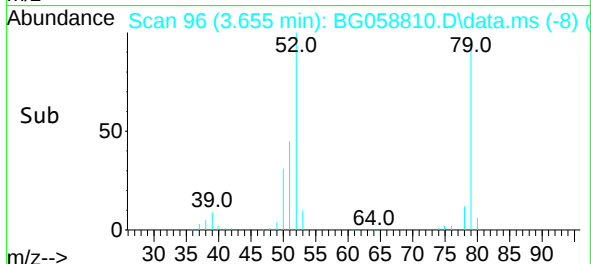
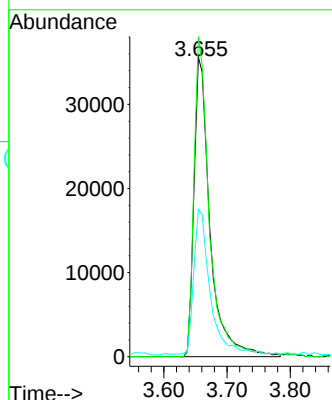
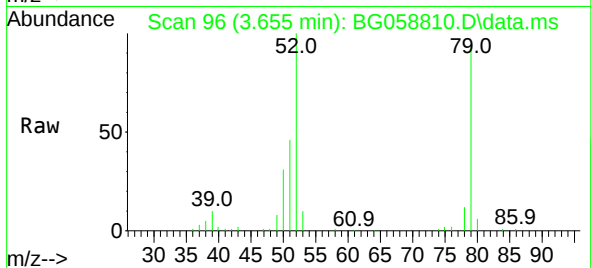
TP-LMS

Tgt Ion:	79	Resp:	6294
Ion	Ratio	Lower	Upper
79	100		
52	106.9	77.6	116.4
51	49.2	37.5	56.3

Manual Integrations

APPROVED

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



#4

n-Nitrosodimethylamine

Concen: 39.563 ng

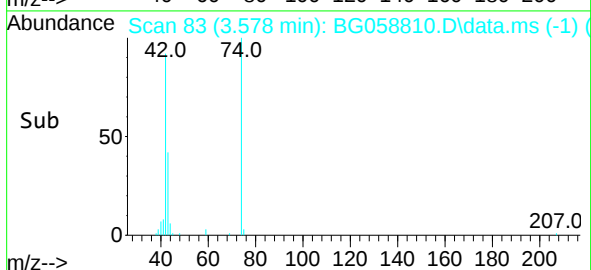
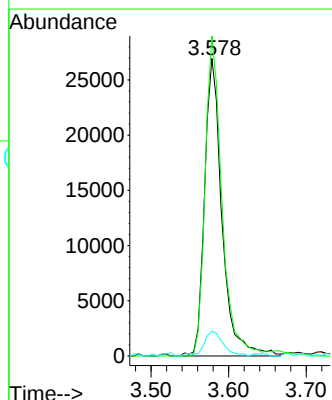
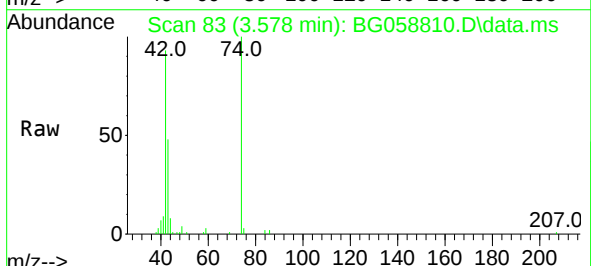
RT: 3.578 min Scan# 83

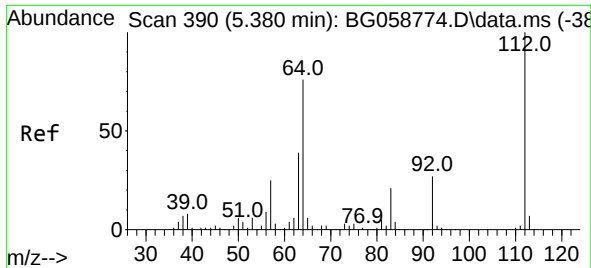
Delta R.T. -0.010 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Tgt Ion:	42	Resp:	41923
Ion	Ratio	Lower	Upper
42	100		
74	107.5	85.1	127.7
44	8.3	6.9	10.3





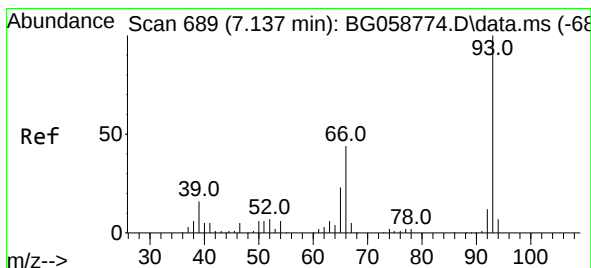
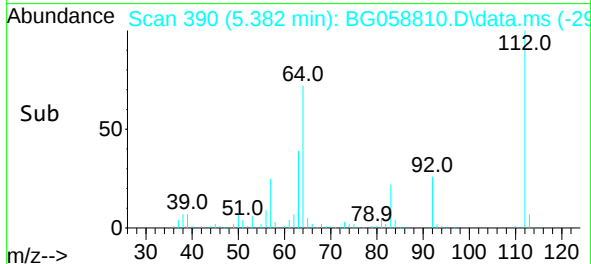
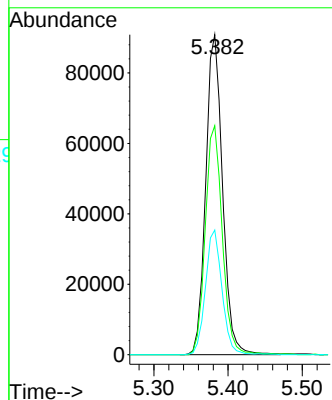
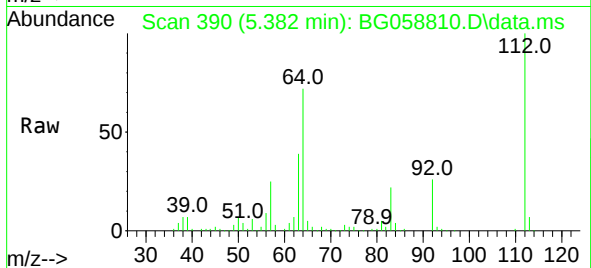
#5
2-Fluorophenol
Concen: 91.361 ng
RT: 5.382 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :
BNA_G
ClientSampleId :
TP-LMS

Tgt Ion:112 Resp: 14333
Ion Ratio Lower Upper
112 100
64 71.6 60.6 90.8
63 38.9 31.0 46.4

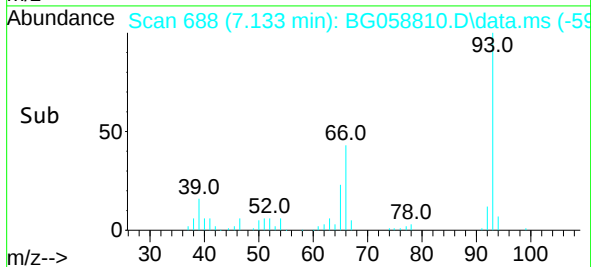
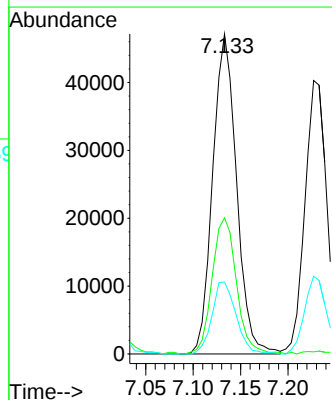
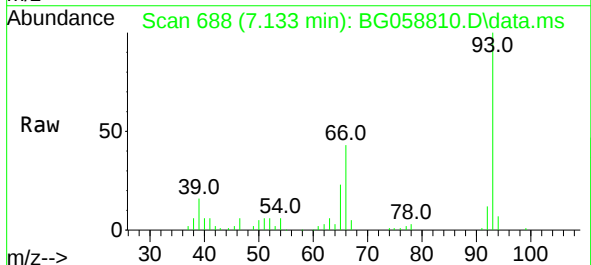
Manual Integrations
APPROVED

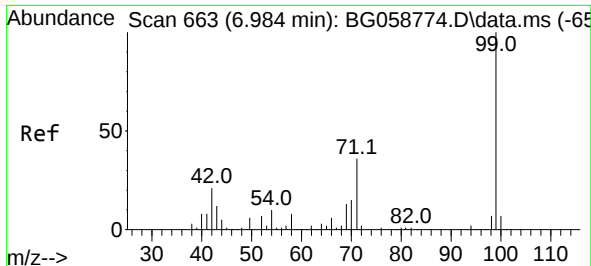
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#6
Aniline
Concen: 30.636 ng
RT: 7.133 min Scan# 688
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion: 93 Resp: 82434
Ion Ratio Lower Upper
93 100
66 42.6 35.7 53.5
65 22.5 18.2 27.2





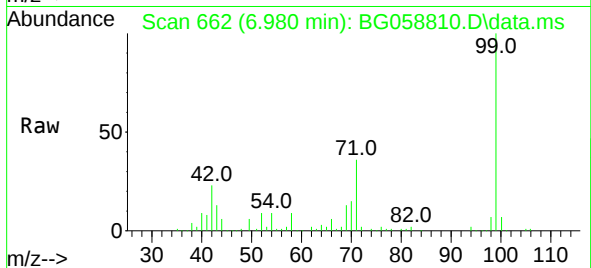
#7
Phenol-d6
Concen: 90.912 ng
RT: 6.980 min Scan# 601
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

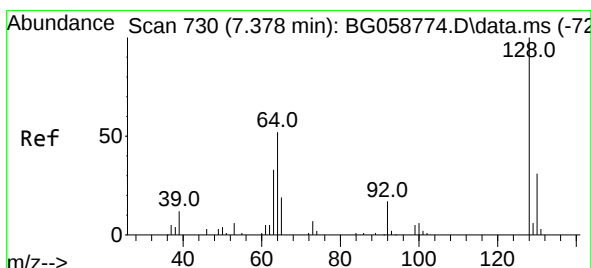
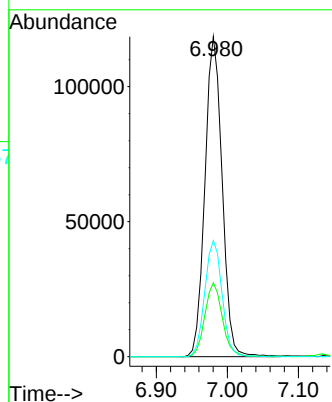
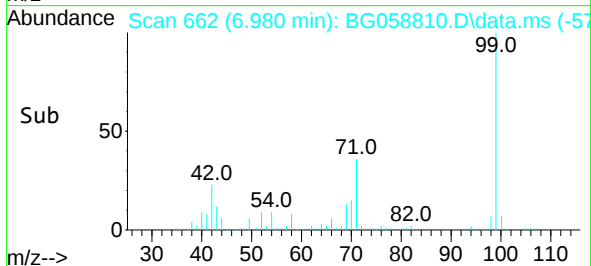


Tgt Ion: 99 Resp: 200109
Ion Ratio Lower Upper
99 100
42 23.1 16.5 24.7
71 36.3 28.4 42.6

Manual Integrations

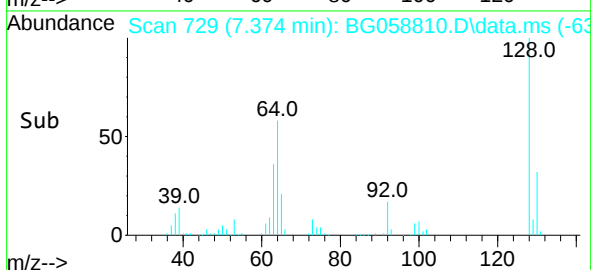
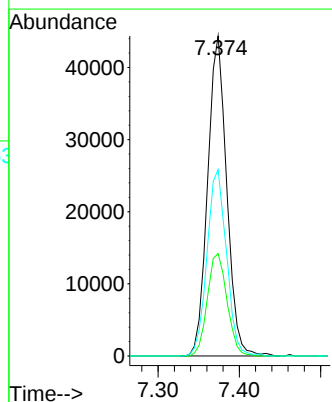
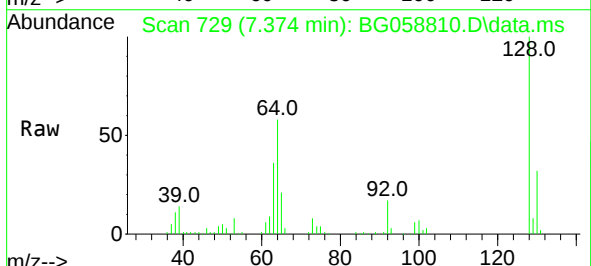
APPROVED

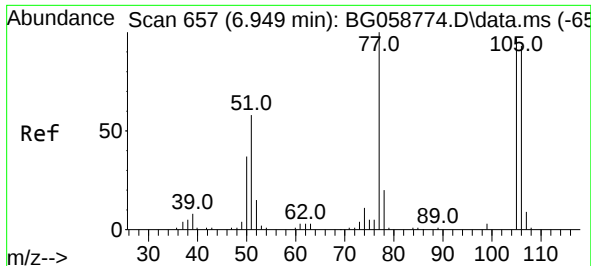
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#8
2-Chlorophenol
Concen: 45.523 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

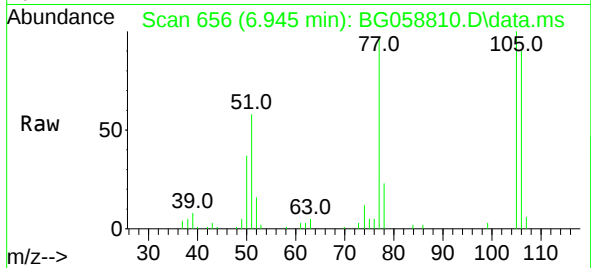
Tgt Ion:128 Resp: 72213
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 58.3 38.4 78.4





#9
Benzaldehyde
Concen: 25.165 ng m
RT: 6.945 min Scan# 657
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

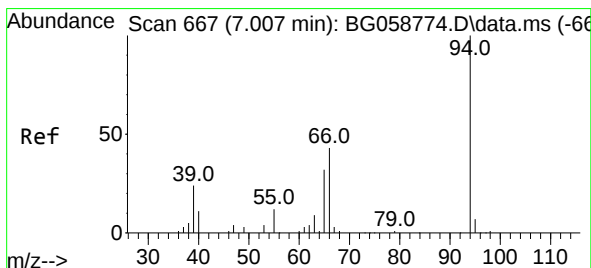
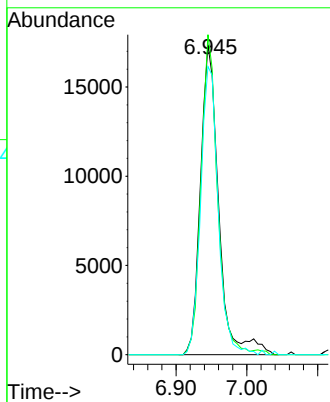
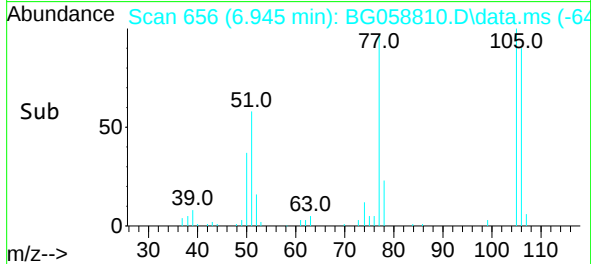
Instrument :
BNA_G
ClientSampleId :
TP-LMS



Tgt Ion: 77 Resp: 3107
Ion Ratio Lower Upper
77 100
105 103.4 76.7 116.7
106 93.1 73.4 113.4

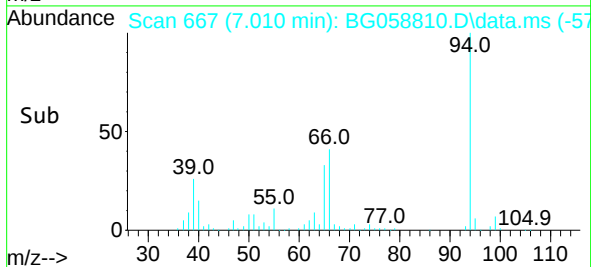
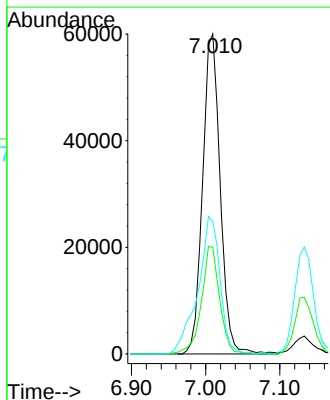
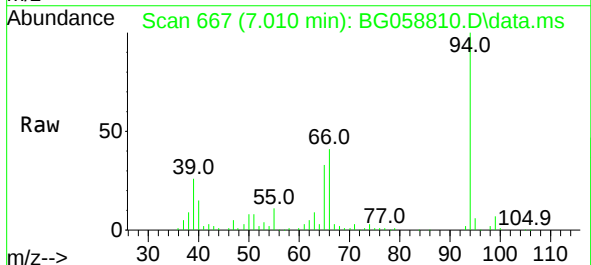
Manual Integrations
APPROVED

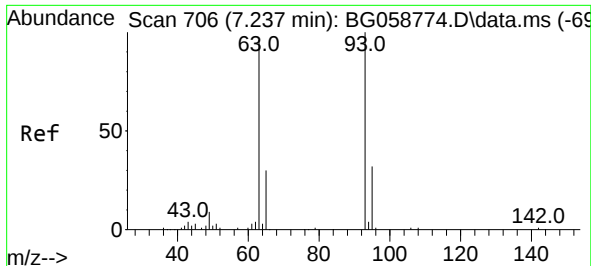
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Phenol
Concen: 46.646 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

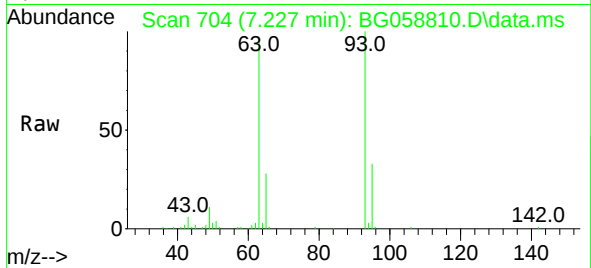
Tgt Ion: 94 Resp: 99006
Ion Ratio Lower Upper
94 100
65 33.3 12.6 52.6
66 41.5 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 40.321 ng
RT: 7.227 min Scan# 706
Delta R.T. -0.010 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

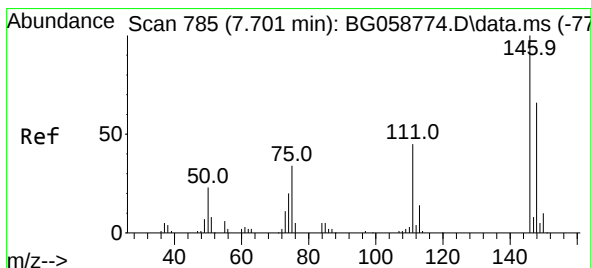
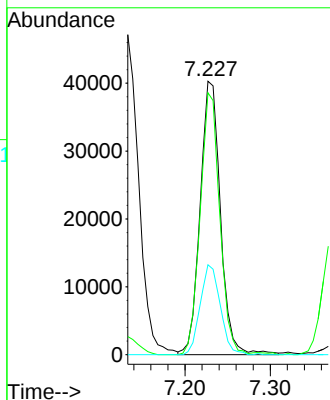
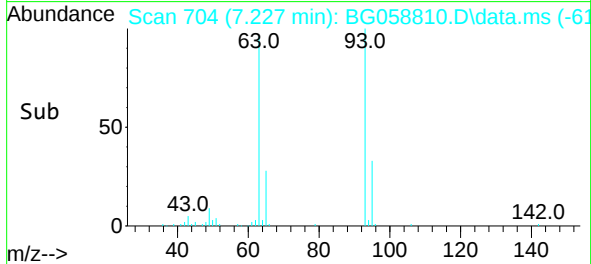
Instrument :
BNA_G
ClientSampleId :
TP-LMS



Tgt Ion: 93 Resp: 66778
Ion Ratio Lower Upper
93 100
63 95.8 74.8 114.8
95 32.9 12.1 52.1

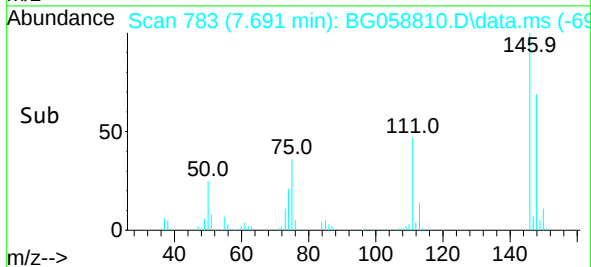
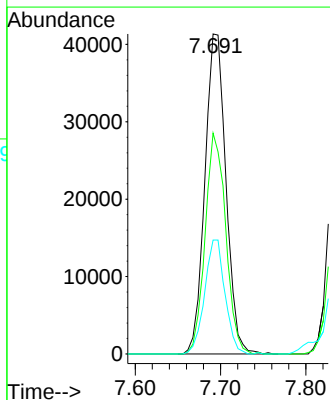
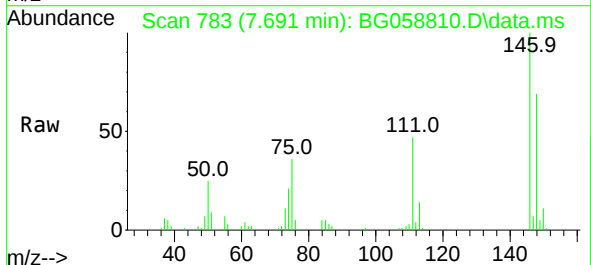
Manual Integrations
APPROVED

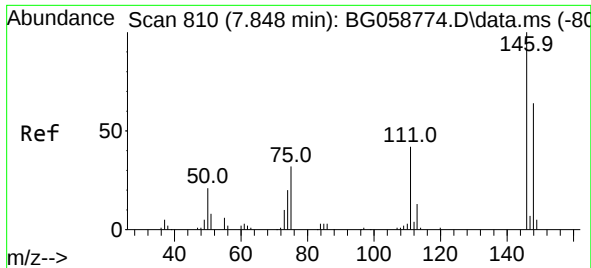
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#12
1,3-Dichlorobenzene
Concen: 42.134 ng
RT: 7.691 min Scan# 783
Delta R.T. -0.010 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:146 Resp: 70993
Ion Ratio Lower Upper
146 100
148 69.0 52.4 78.6
75 35.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.637 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

Tgt Ion:146 Resp: 7264

Ion Ratio Lower Upper

146 100

148 67.7 51.3 76.9

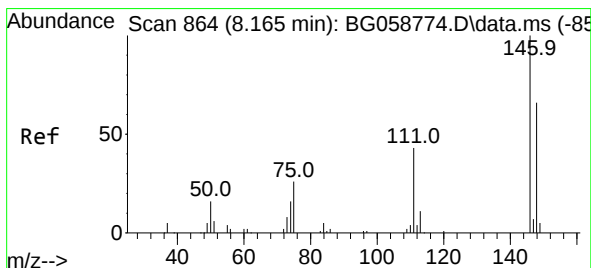
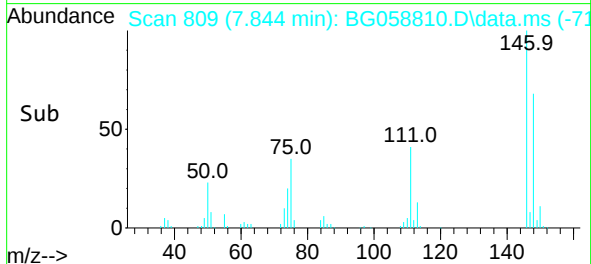
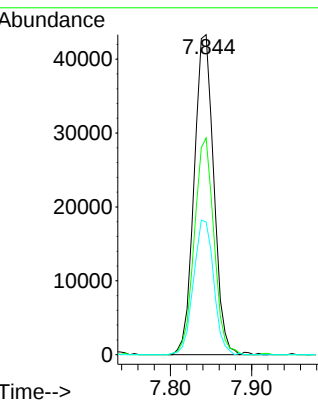
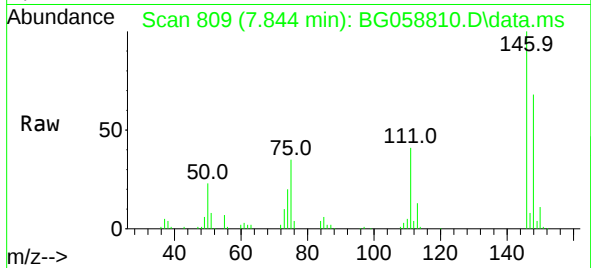
111 41.4 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#14

1,2-Dichlorobenzene

Concen: 42.651 ng

RT: 8.161 min Scan# 863

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

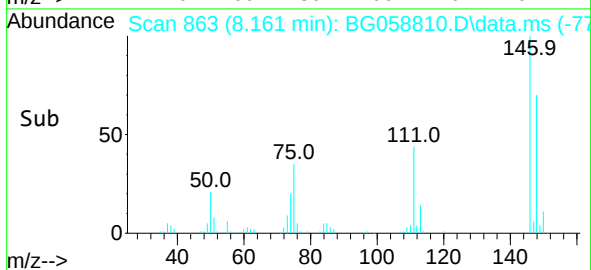
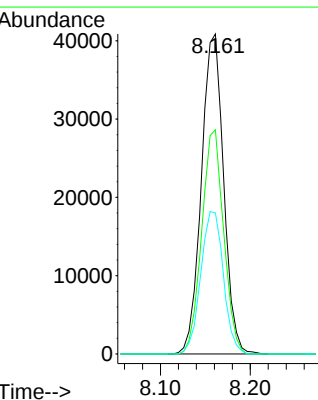
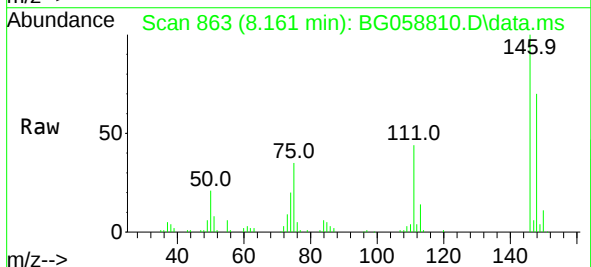
Tgt Ion:146 Resp: 70238

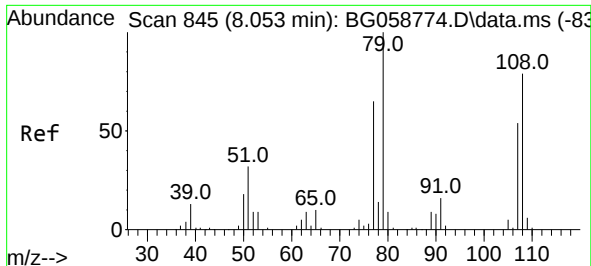
Ion Ratio Lower Upper

146 100

148 70.0 52.9 79.3

111 44.1 35.5 53.3





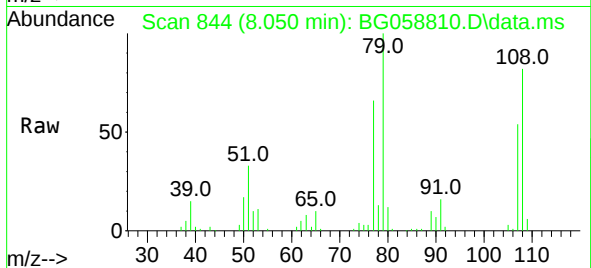
#15
Benzyl Alcohol
Concen: 45.244 ng
RT: 8.050 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

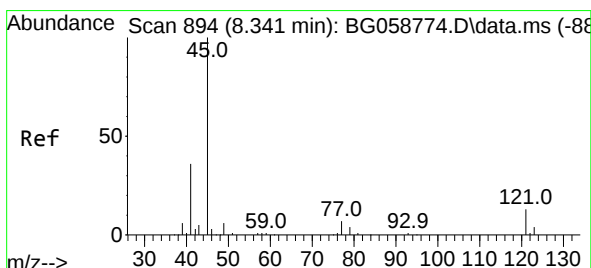
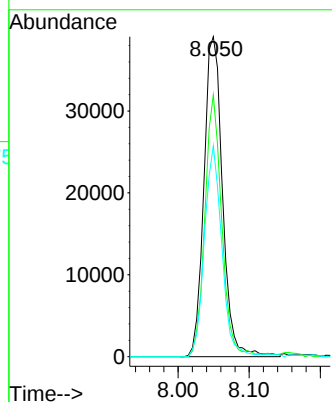
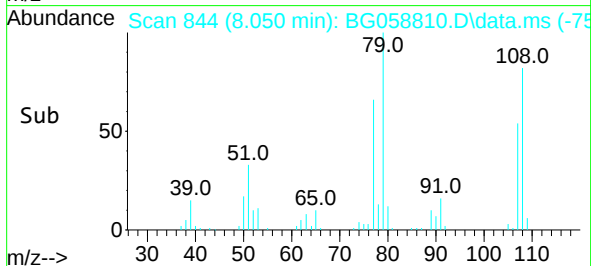


Tgt Ion: 79 Resp: 7120
Ion Ratio Lower Upper
79 100
108 81.8 63.4 95.0
77 65.9 52.2 78.2

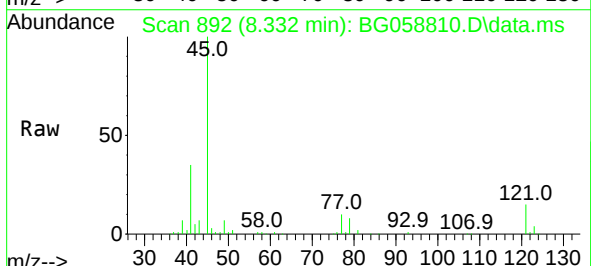
Manual Integrations

APPROVED

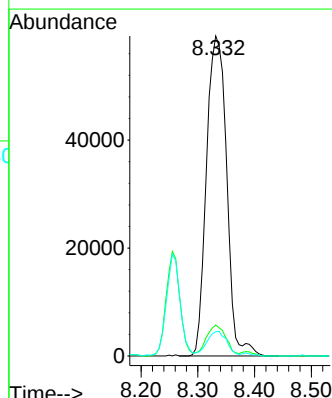
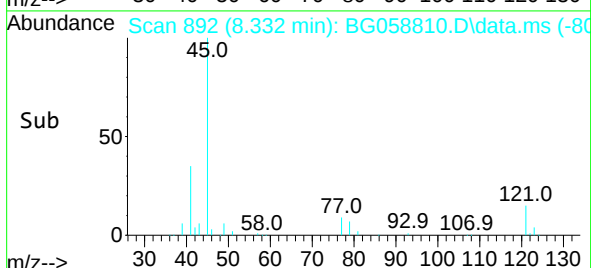
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

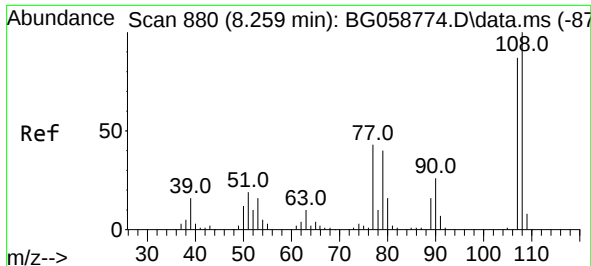


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.508 ng m
RT: 8.332 min Scan# 892
Delta R.T. -0.010 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



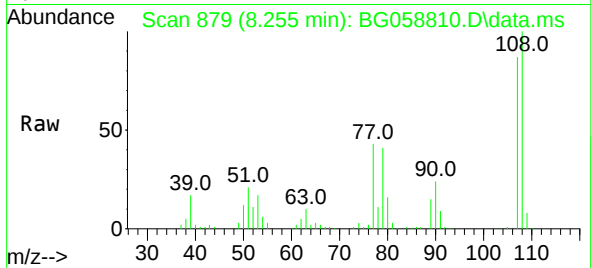
Tgt Ion: 45 Resp: 146503
Ion Ratio Lower Upper
45 100
77 9.7 0.0 30.3
79 7.6 0.0 27.7





#17
2-Methylphenol
Concen: 42.631 ng
RT: 8.255 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

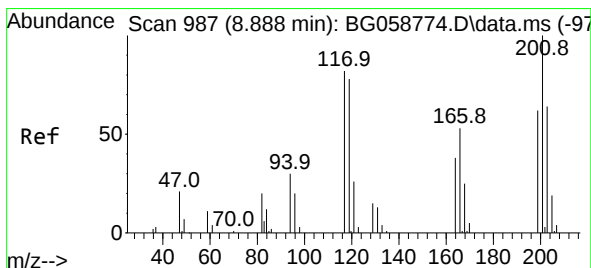
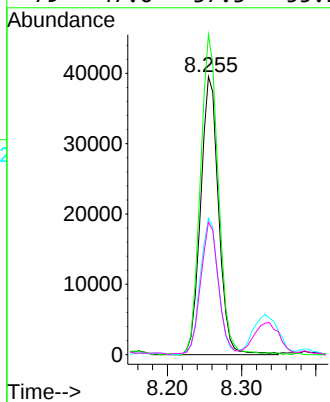
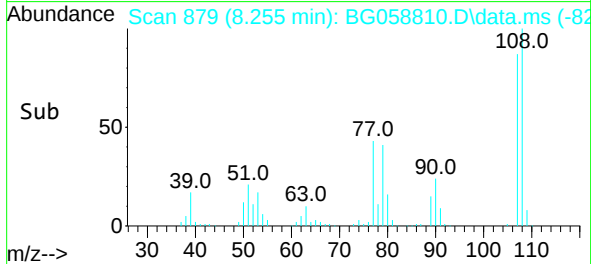
Instrument :
BNA_G
ClientSampleId :
TP-LMS



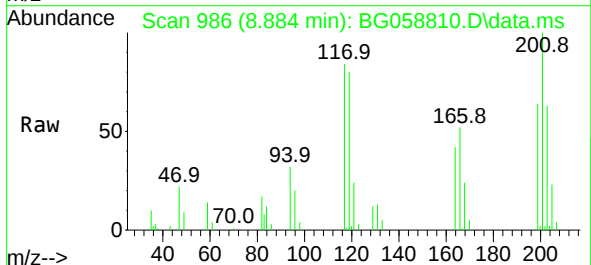
Tgt Ion:107 Resp: 6645
Ion Ratio Lower Upper
107 100
108 115.1 92.2 138.2
77 49.0 40.0 60.0
79 47.6 37.3 55.9

Manual Integrations
APPROVED

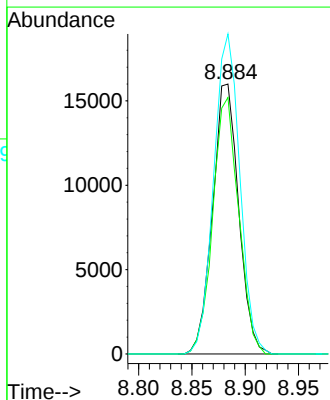
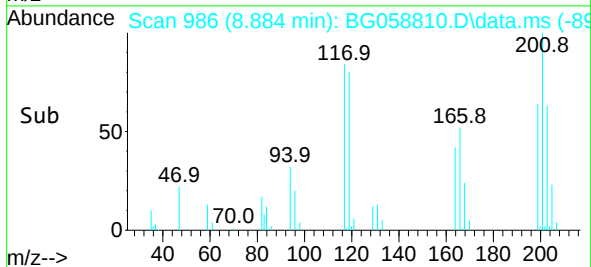
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

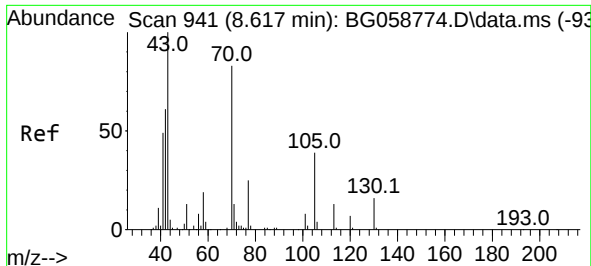


#18
Hexachloroethane
Concen: 43.837 ng
RT: 8.884 min Scan# 986
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:117 Resp: 27214
Ion Ratio Lower Upper
117 100
119 94.0 76.6 115.0
201 117.2 97.0 145.6





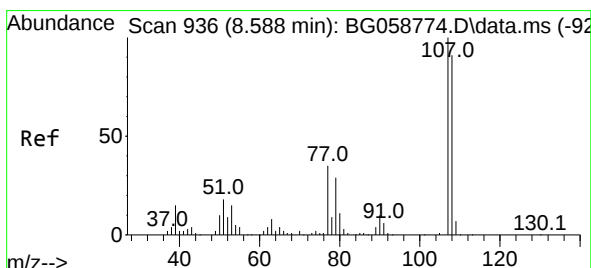
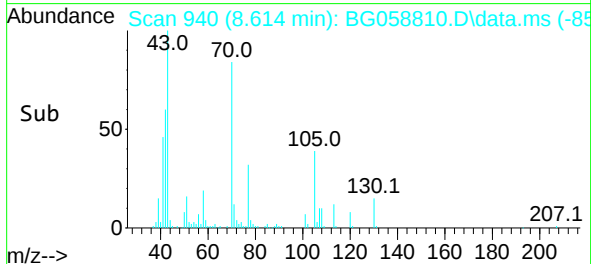
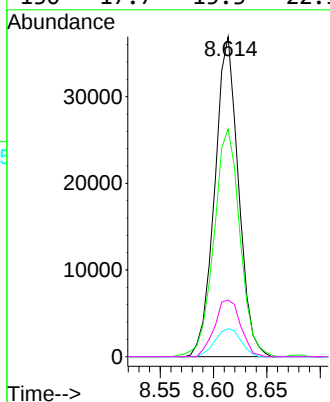
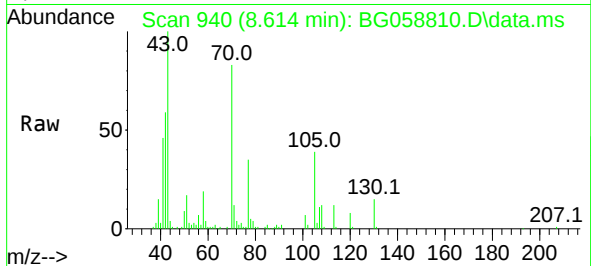
#19
n-Nitroso-di-n-propylamine
Concen: 40.036 ng
RT: 8.614 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :
BNA_G
ClientSampleId :
TP-LMS

Tgt Ion: 70 Resp: 56964
Ion Ratio Lower Upper
70 100
42 71.2 59.2 88.8
101 8.8 8.2 12.2
130 17.7 15.3 22.9

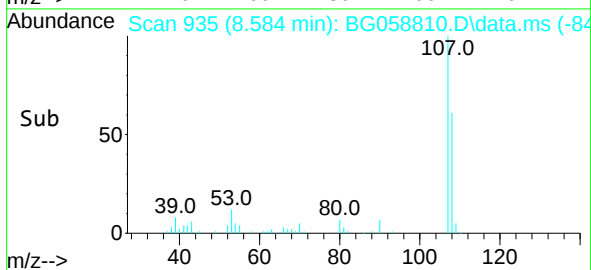
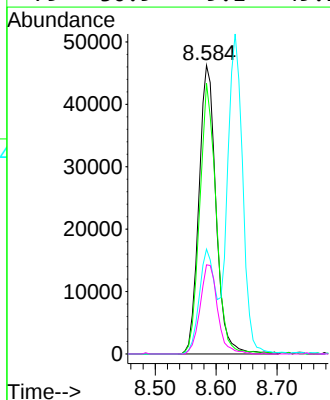
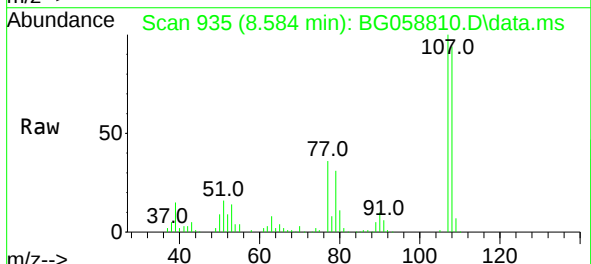
Manual Integrations
APPROVED

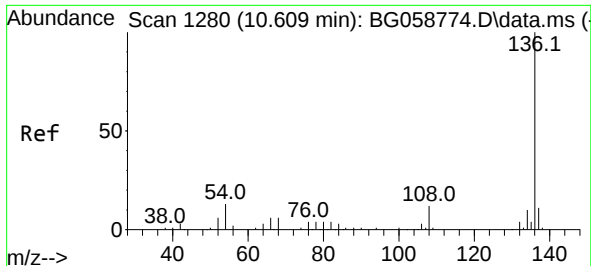
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#20
3+4-Methylphenols
Concen: 43.062 ng
RT: 8.584 min Scan# 935
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:107 Resp: 90252
Ion Ratio Lower Upper
107 100
108 93.8 70.6 110.6
77 36.3 14.8 54.8
79 30.9 9.1 49.1





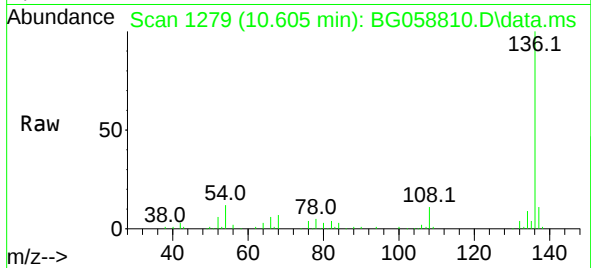
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 10663
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

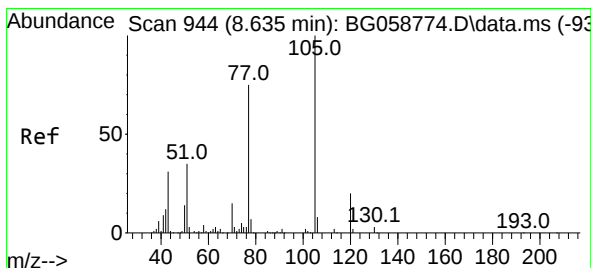
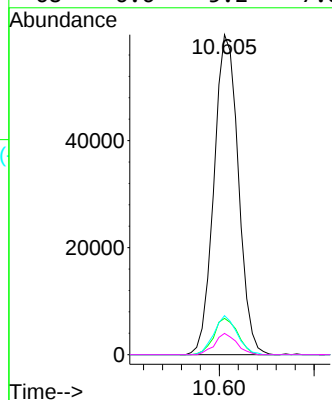


Tgt Ion:136 Resp: 10663
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 12.2 10.1 15.1
68 6.6 5.2 7.8

Manual Integrations

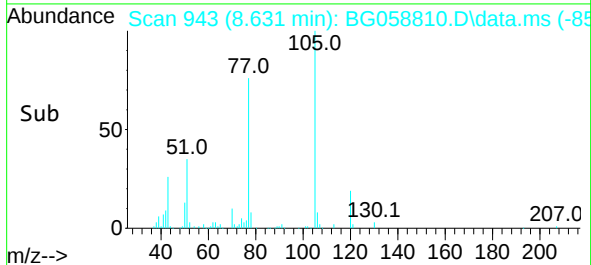
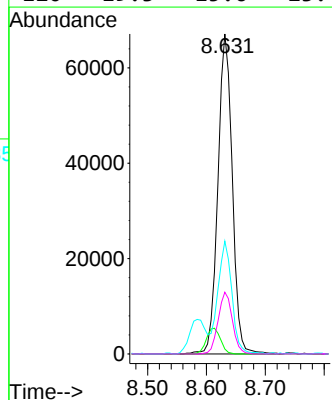
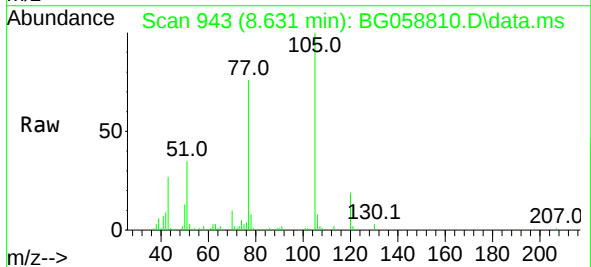
APPROVED

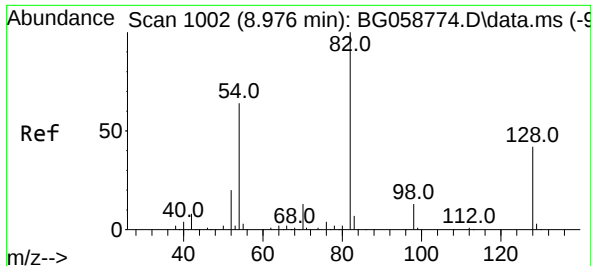
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#22
Acetophenone
Concen: 39.578 ng
RT: 8.631 min Scan# 943
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:105 Resp: 114242
Ion Ratio Lower Upper
105 100
71 1.6 2.2 3.2#
51 35.2 28.5 42.7
120 19.3 15.6 23.4





#23

Nitrobenzene-d5

Concen: 51.140 ng

RT: 8.972 min Scan# 1002

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

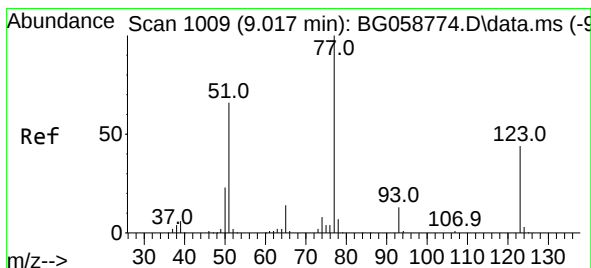
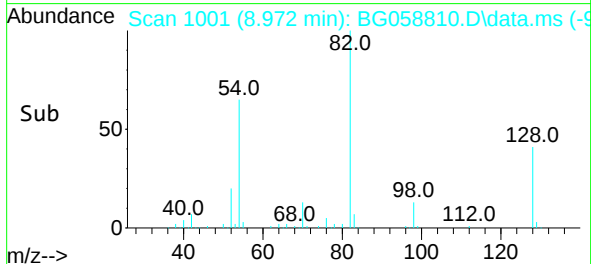
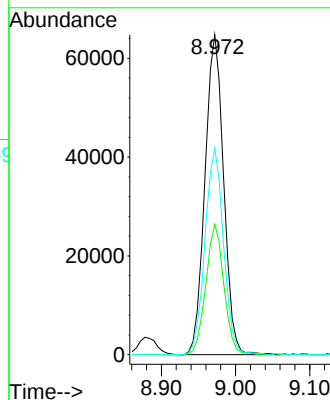
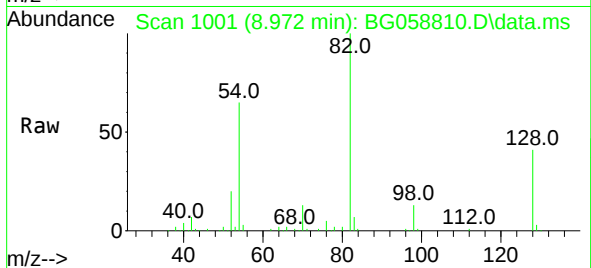
TP-LMS

Tgt Ion: 82 Resp: 113420
 Ion Ratio Lower Upper
 82 100
 128 40.8 33.2 49.8
 54 64.5 51.2 76.8

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 38.553 ng

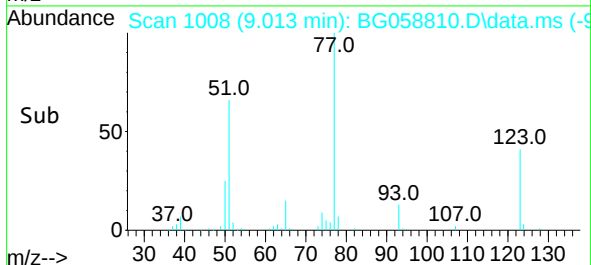
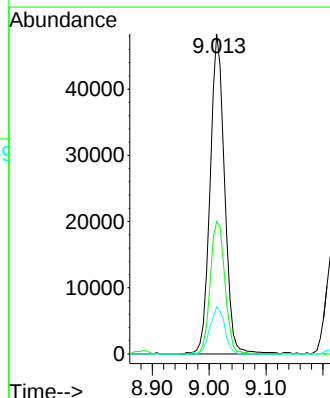
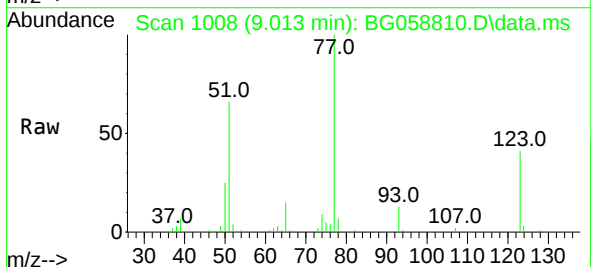
RT: 9.013 min Scan# 1008

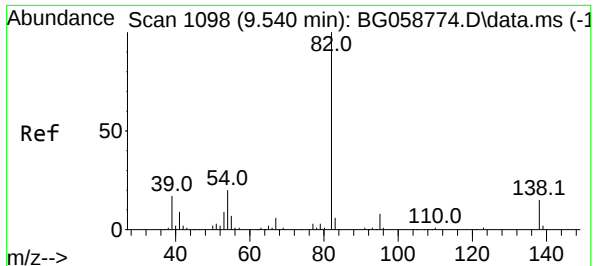
Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Tgt Ion: 77 Resp: 85045
 Ion Ratio Lower Upper
 77 100
 123 41.4 34.9 52.3
 65 14.8 10.9 16.3





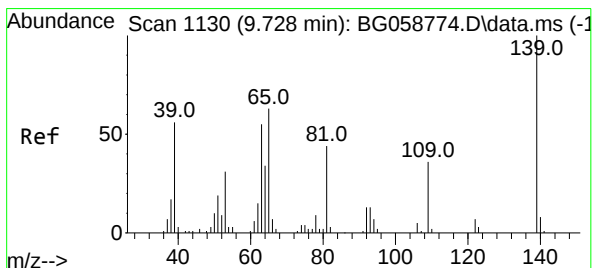
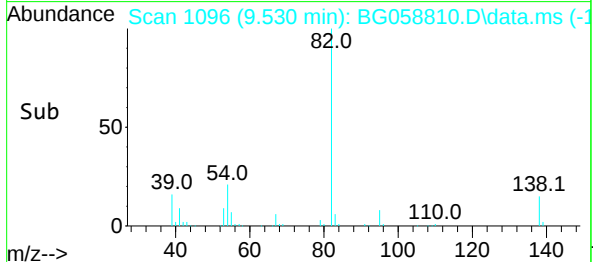
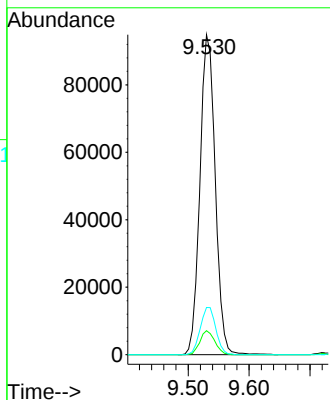
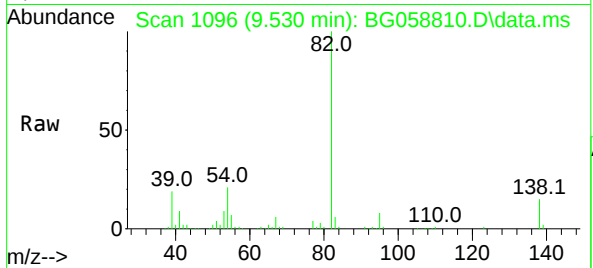
#25
Isophorone
Concen: 37.614 ng
RT: 9.530 min Scan# 1109
Delta R.T. -0.010 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :
BNA_G
ClientSampleId :
TP-LMS

Tgt Ion: 82 Resp: 165900
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 14.8 12.2 18.4

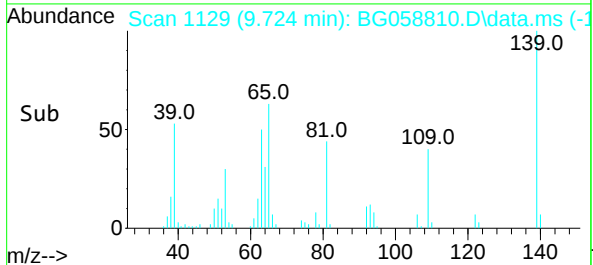
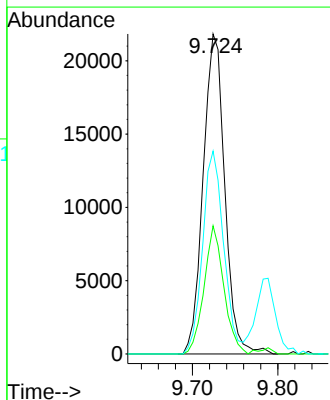
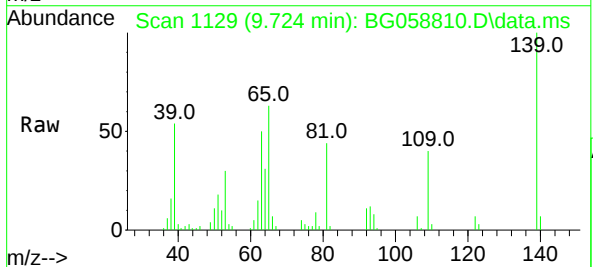
Manual Integrations
APPROVED

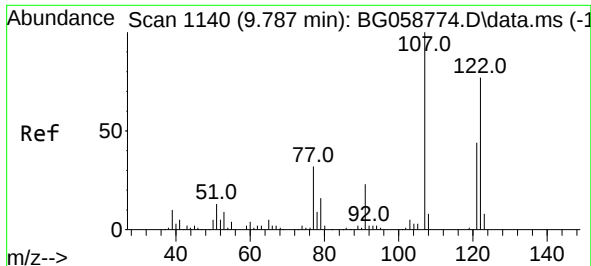
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#26
2-Nitrophenol
Concen: 41.641 ng
RT: 9.724 min Scan# 1129
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:139 Resp: 38418
Ion Ratio Lower Upper
139 100
109 40.0 28.7 43.1
65 63.4 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 40.848 ng

RT: 9.783 min Scan# 1139

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

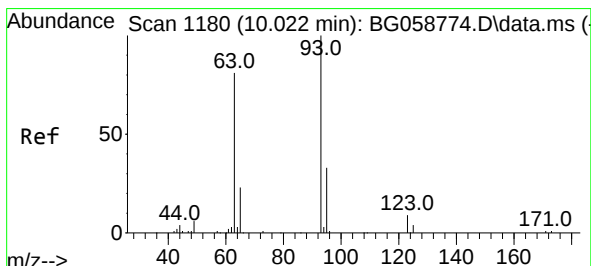
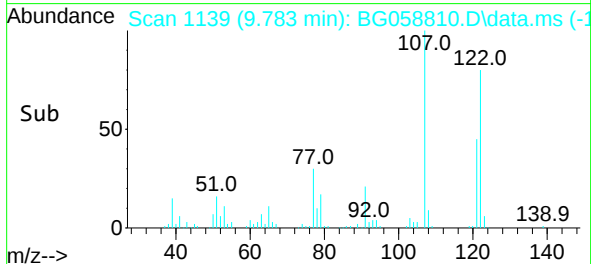
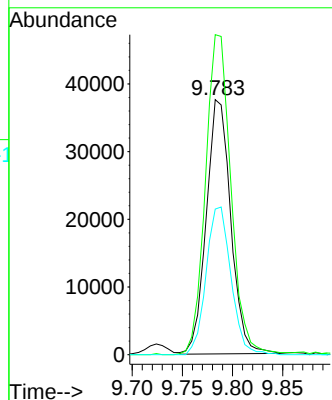
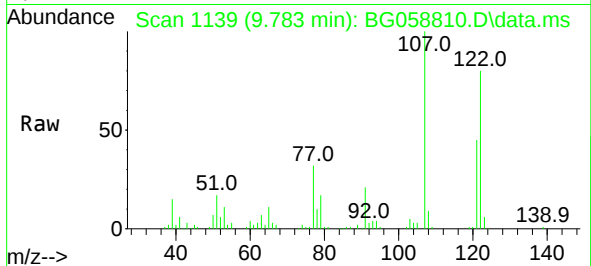
Tgt Ion:122 Resp: 63870
 Ion Ratio Lower Upper
 122 100
 107 125.5 102.6 154.0
 121 57.1 45.0 67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.604 ng

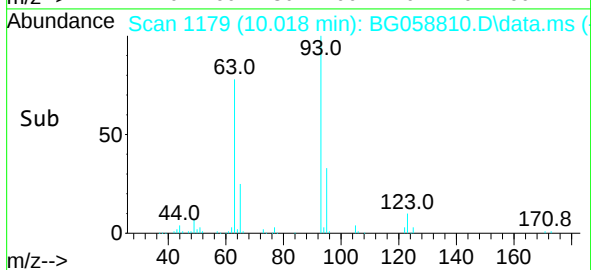
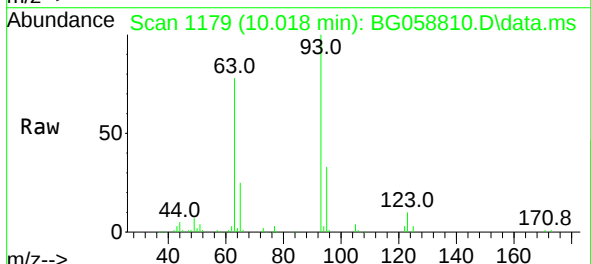
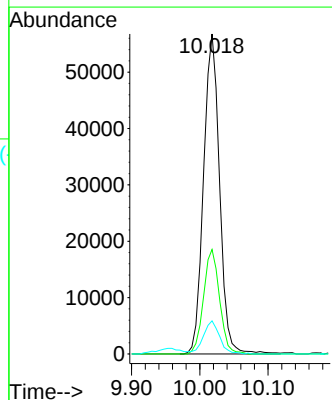
RT: 10.018 min Scan# 1179

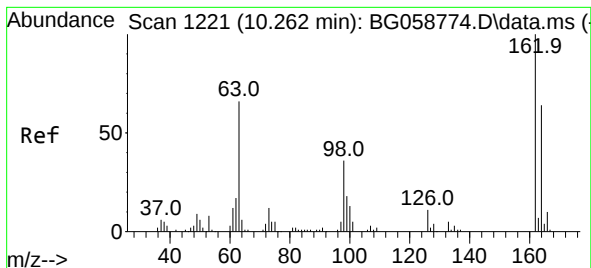
Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

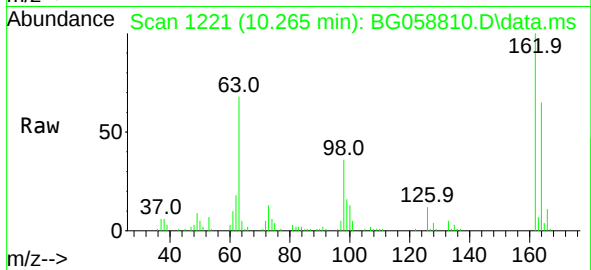
Tgt Ion: 93 Resp: 92528
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.4
 123 10.4 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 45.216 ng
RT: 10.265 min Scan# 1221
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

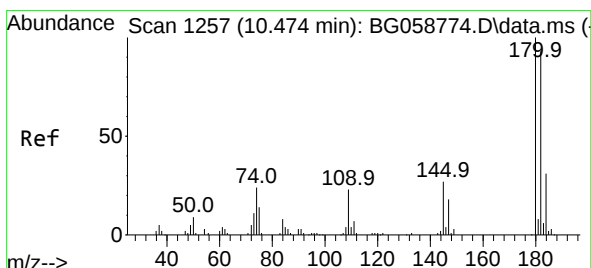
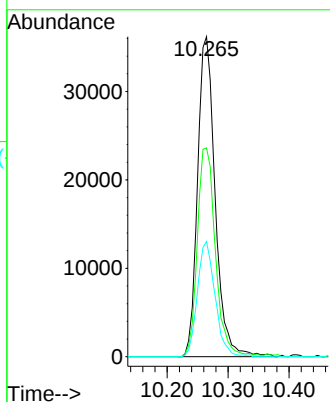
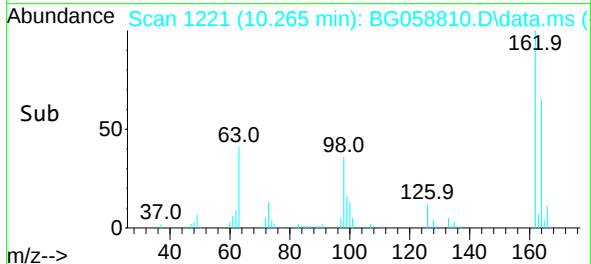
Instrument :
BNA_G
ClientSampleId :
TP-LMS



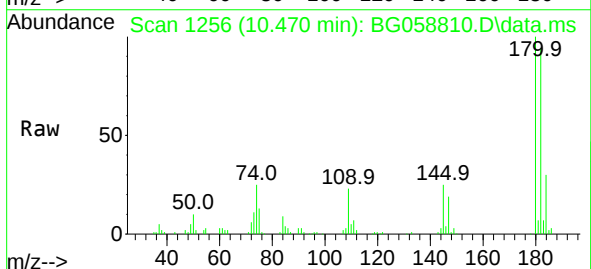
Tgt Ion:162 Resp: 72649
Ion Ratio Lower Upper
162 100
164 65.3 44.4 84.4
98 36.0 16.1 56.1

Manual Integrations
APPROVED

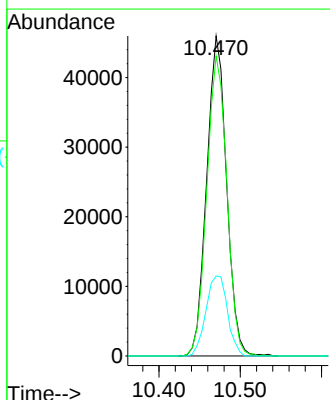
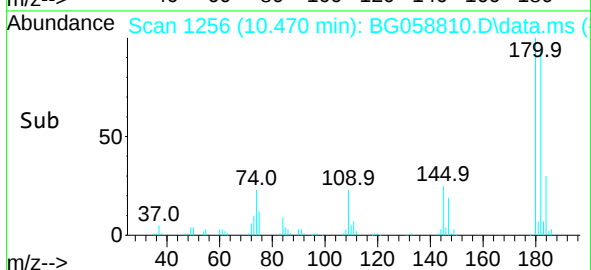
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

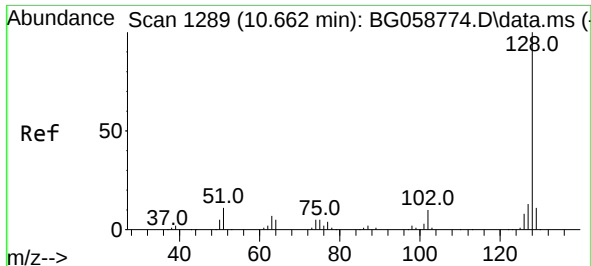


#30
1,2,4-Trichlorobenzene
Concen: 40.231 ng
RT: 10.470 min Scan# 1256
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



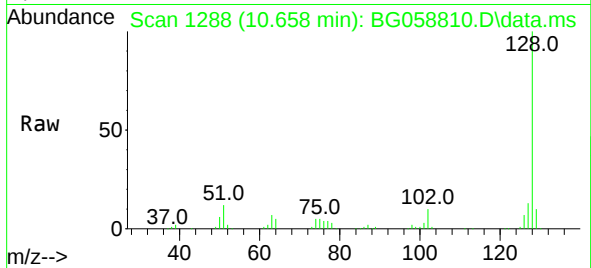
Tgt Ion:180 Resp: 78057
Ion Ratio Lower Upper
180 100
182 93.8 74.6 112.0
145 25.0 21.4 32.0





#31
Naphthalene
Concen: 39.308 ng
RT: 10.658 min Scan# 1169
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

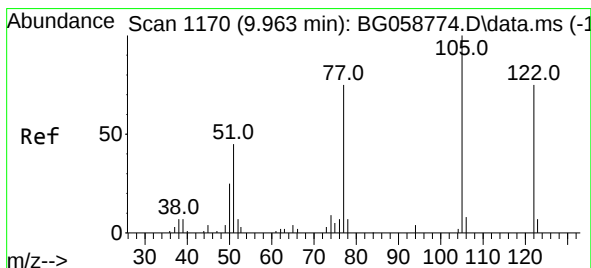
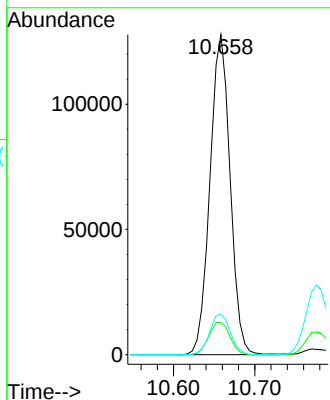
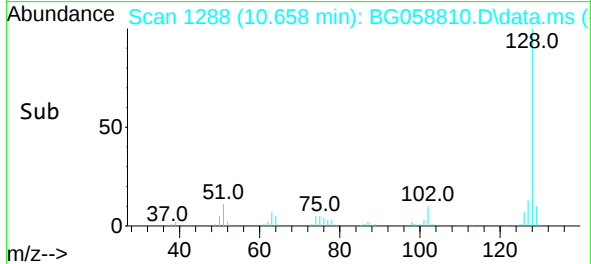
Instrument :
BNA_G
ClientSampleId :
TP-LMS



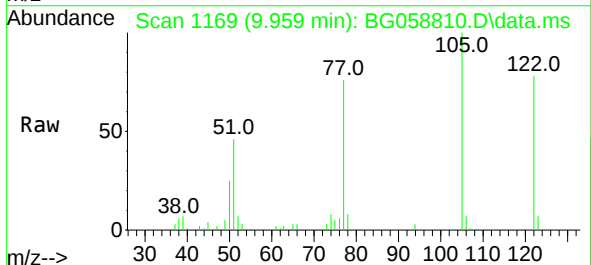
Tgt Ion:128 Resp: 220084
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 12.7 10.6 15.8

Manual Integrations
APPROVED

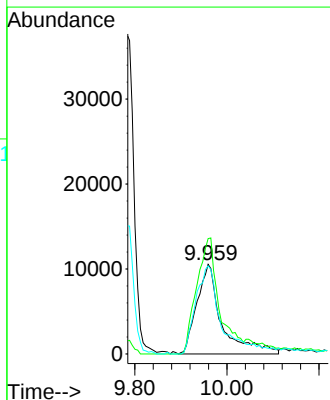
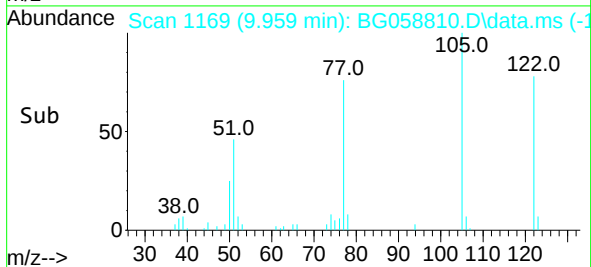
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

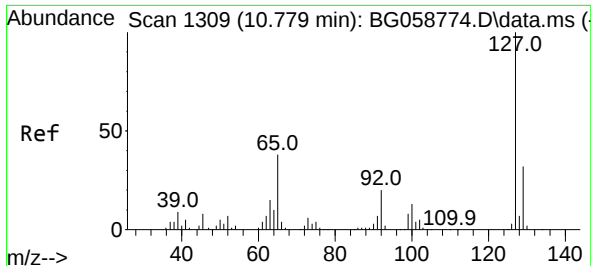


#32
Benzoic acid
Concen: 42.094 ng m
RT: 9.959 min Scan# 1169
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:122 Resp: 39569
Ion Ratio Lower Upper
122 100
105 128.9 113.6 153.6
77 98.5 79.7 119.7





#33
4-Chloroaniline
Concen: 24.545 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

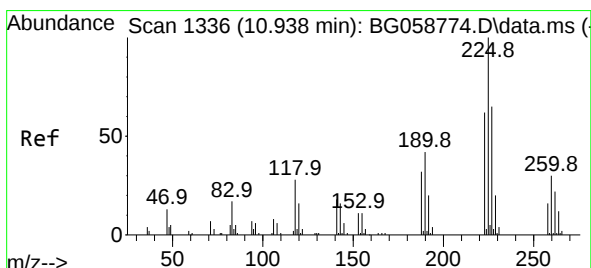
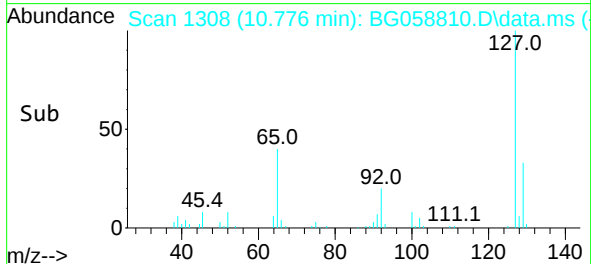
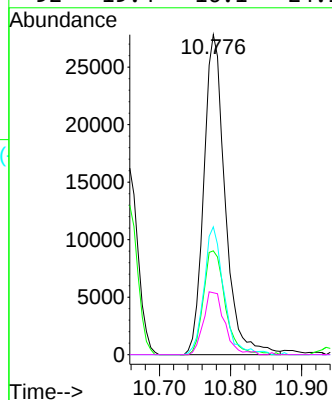
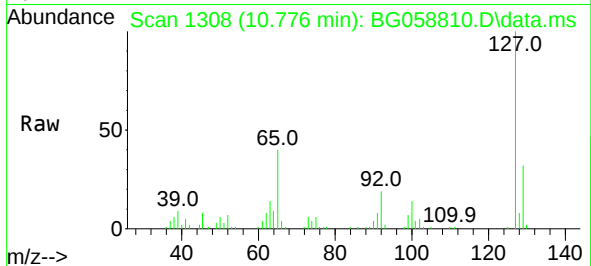
TP-LMS

Tgt Ion:127 Resp: 5795
Ion Ratio Lower Upper
127 100
129 32.4 25.2 37.8
65 39.9 30.5 45.7
92 19.4 16.1 24.1

Manual Integrations

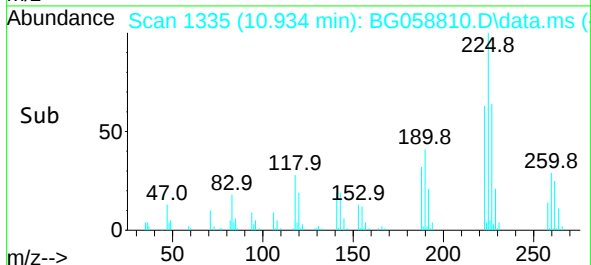
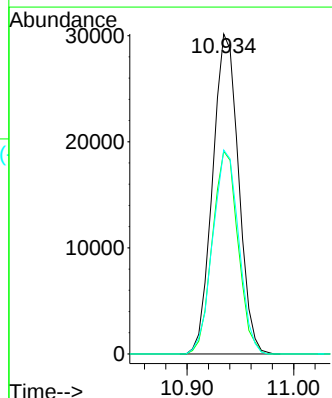
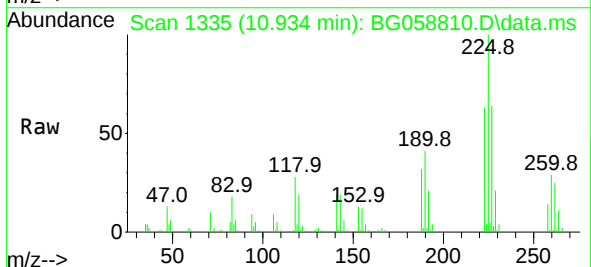
APPROVED

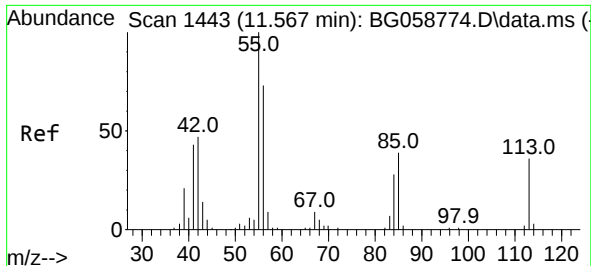
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#34
Hexachlorobutadiene
Concen: 38.813 ng
RT: 10.934 min Scan# 1335
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:225 Resp: 50824
Ion Ratio Lower Upper
225 100
223 63.4 49.9 74.9
227 63.7 51.6 77.4





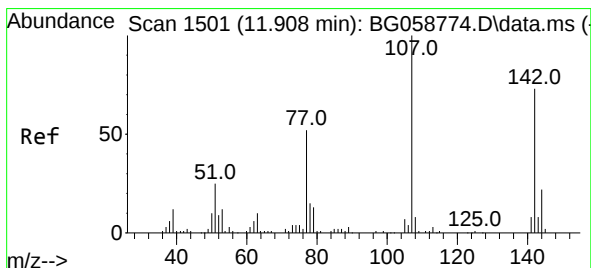
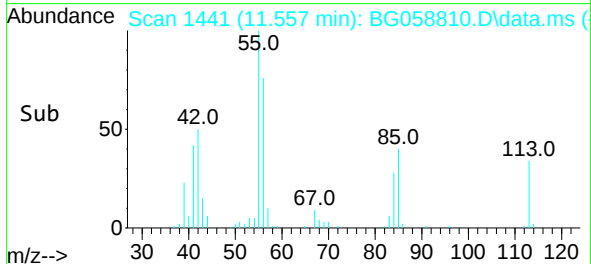
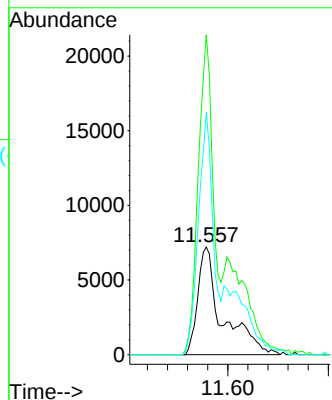
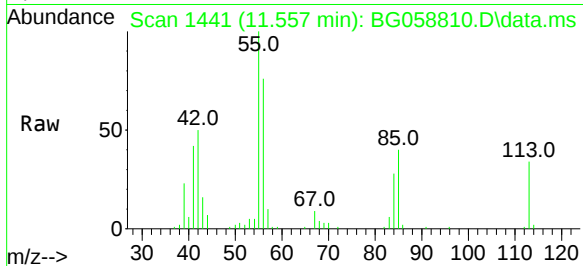
#35
 Caprolactam
 Concen: 42.118 ng m
 RT: 11.557 min Scan# 1443
 Delta R.T. -0.010 min
 Lab File: BG058810.D
 Acq: 22 Aug 2023 16:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-LMS

Tgt Ion:113 Resp: 24249
 Ion Ratio Lower Upper
 113 100
 55 297.3 256.3 296.3
 56 225.0 180.4 220.4

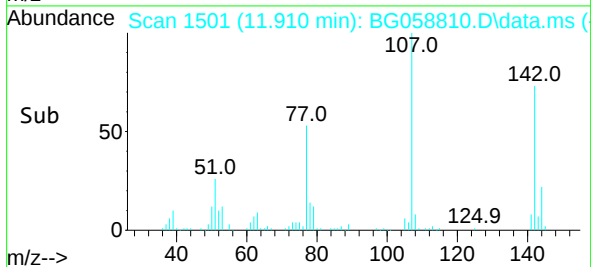
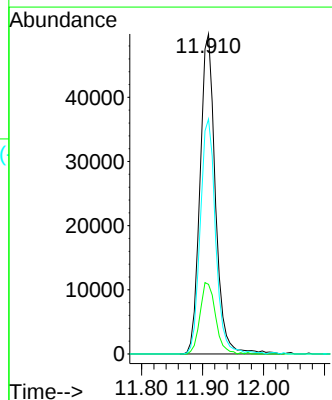
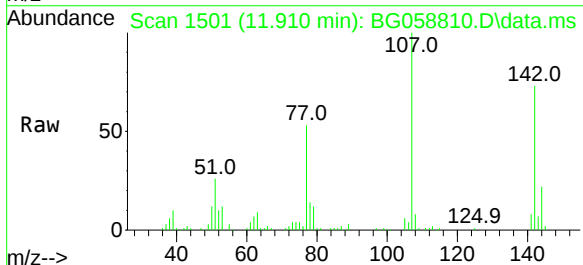
Manual Integrations
 APPROVED

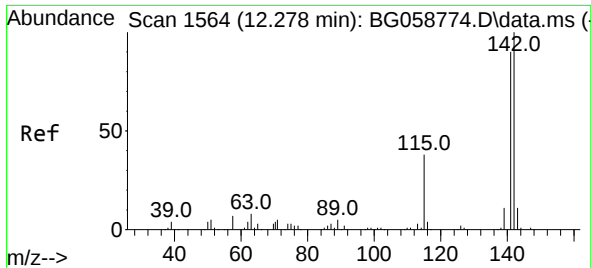
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.597 ng
 RT: 11.910 min Scan# 1501
 Delta R.T. 0.002 min
 Lab File: BG058810.D
 Acq: 22 Aug 2023 16:25

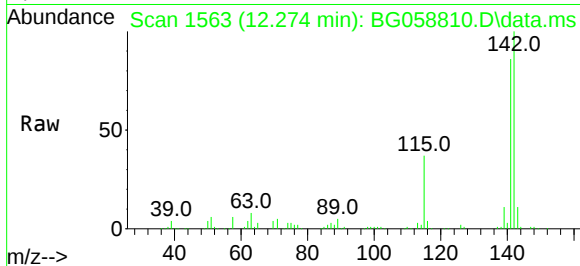
Tgt Ion:107 Resp: 87111
 Ion Ratio Lower Upper
 107 100
 144 21.7 17.9 26.9
 142 73.4 58.5 87.7





#37
2-Methylnaphthalene
Concen: 38.139 ng
RT: 12.274 min Scan# 1563
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

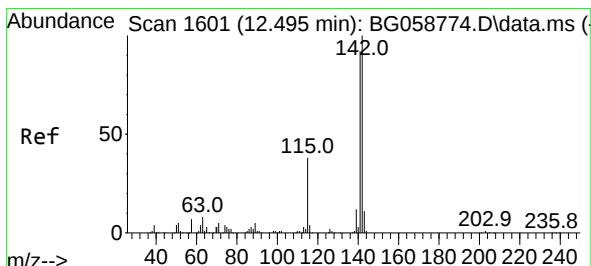
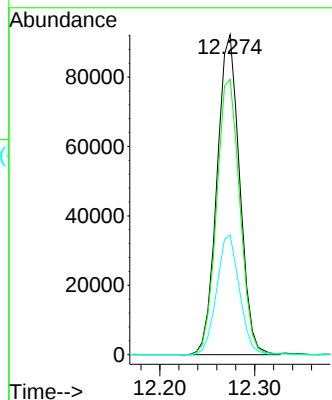
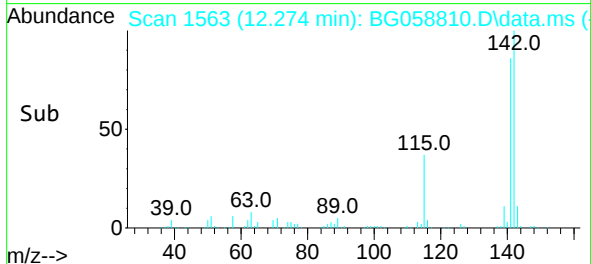
Instrument :
BNA_G
ClientSampleId :
TP-LMS



Tgt Ion:142 Resp: 153369
Ion Ratio Lower Upper
142 100
141 86.0 71.8 107.8
115 37.5 30.6 45.8

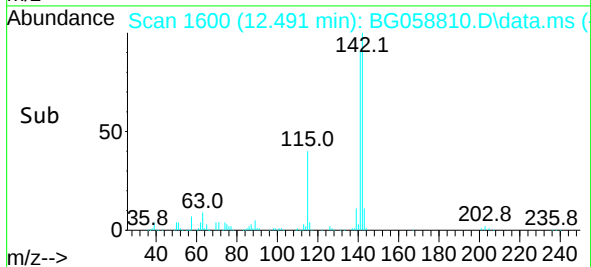
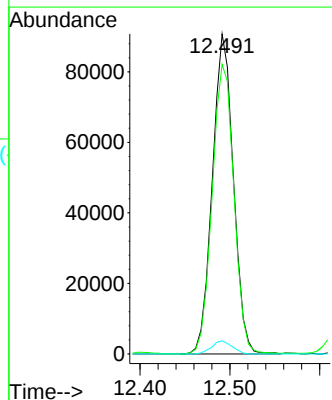
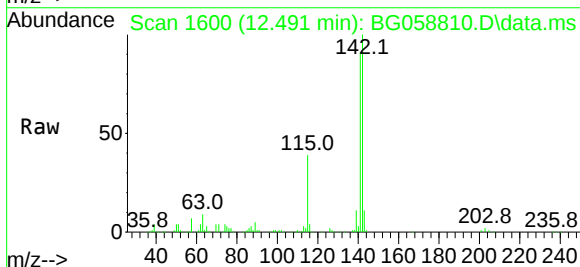
Manual Integrations
APPROVED

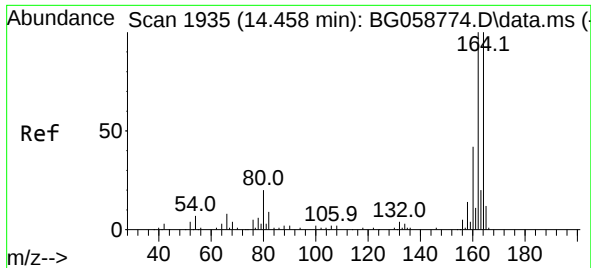
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#38
1-Methylnaphthalene
Concen: 38.553 ng
RT: 12.491 min Scan# 1600
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

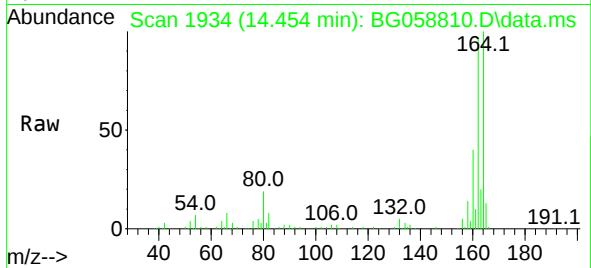
Tgt Ion:142 Resp: 147166
Ion Ratio Lower Upper
142 100
141 90.5 73.9 110.9
116 4.1 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.454 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

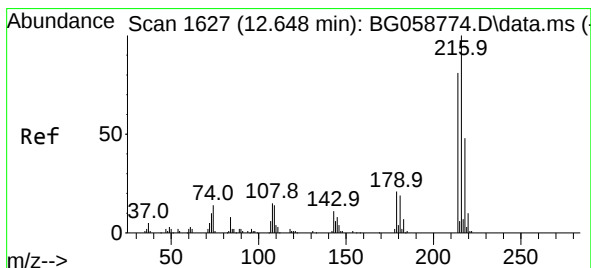
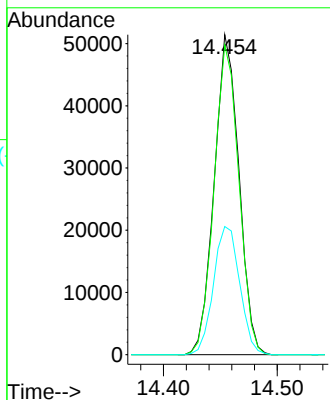
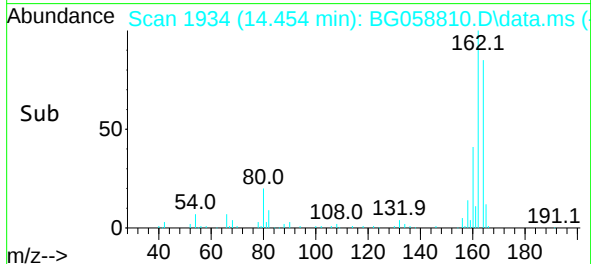
Instrument :
BNA_G
ClientSampleId :
TP-LMS



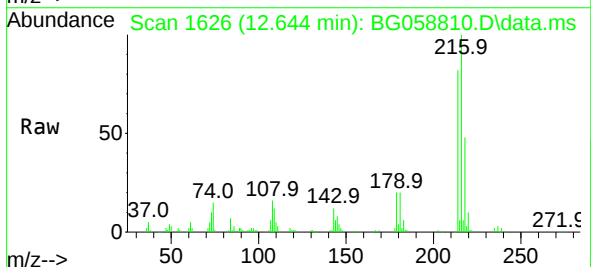
Tgt Ion:164 Resp: 77630
Ion Ratio Lower Upper
164 100
162 96.7 79.6 119.4
160 40.1 34.0 51.0

Manual Integrations
APPROVED

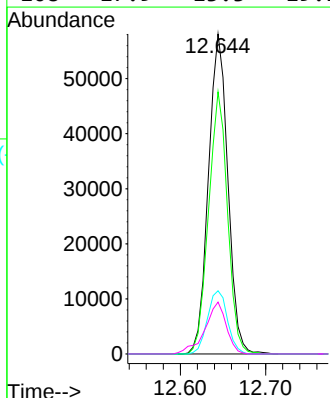
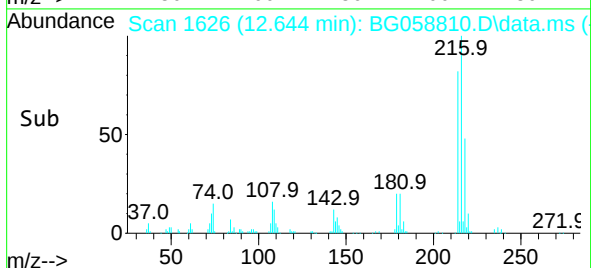
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

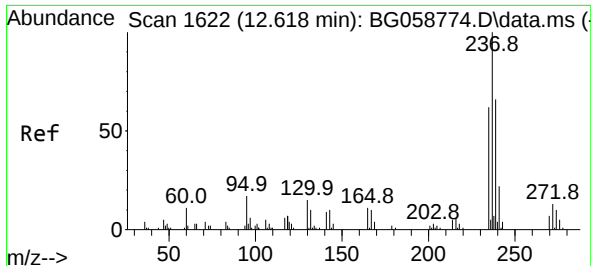


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.377 ng
RT: 12.644 min Scan# 1626
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



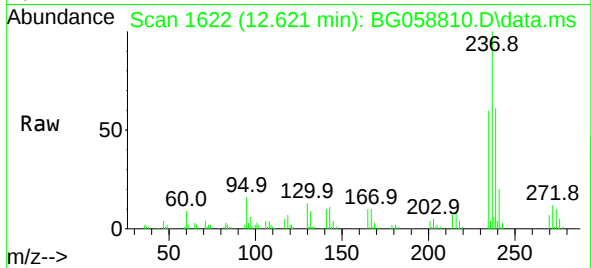
Tgt Ion:216 Resp: 91844
Ion Ratio Lower Upper
216 100
214 79.8 64.0 96.0
179 20.3 16.2 24.4
108 17.9 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 82.065 ng
RT: 12.621 min Scan# 1622
Delta R.T. 0.003 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

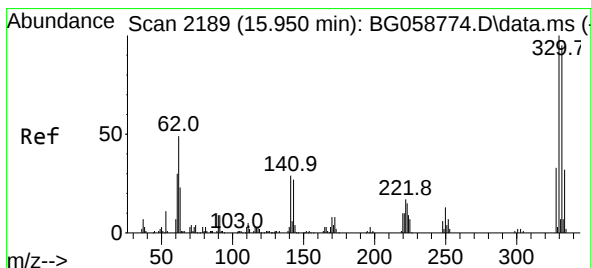
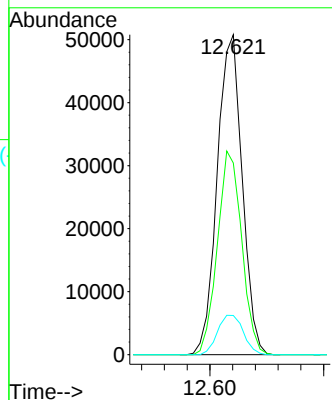
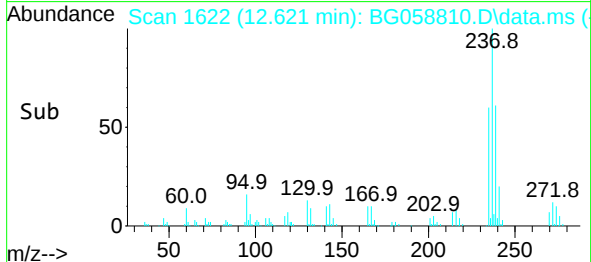
Instrument :
BNA_G
ClientSampleId :
TP-LMS



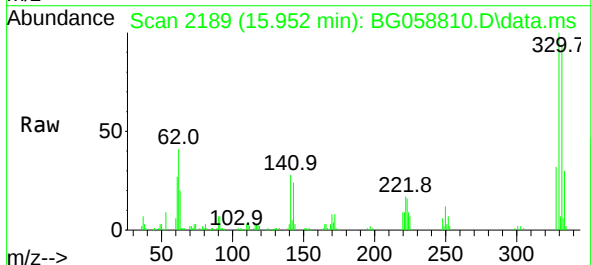
Tgt Ion:237 Resp: 77500
Ion Ratio Lower Upper
237 100
235 59.9 41.5 81.5
272 12.3 0.0 32.5

Manual Integrations
APPROVED

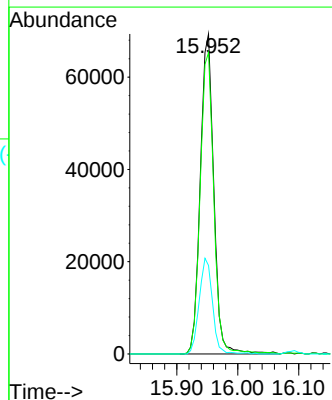
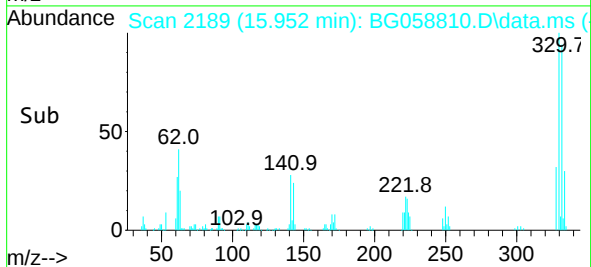
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

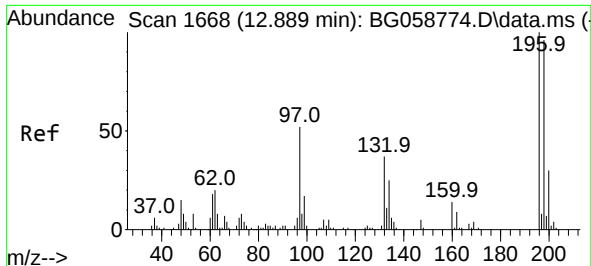


#42
2,4,6-Tribromophenol
Concen: 87.713 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



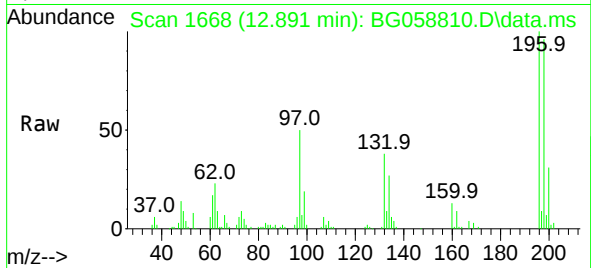
Tgt Ion:330 Resp: 106766
Ion Ratio Lower Upper
330 100
332 94.8 78.5 117.7
141 29.3 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 42.584 ng
RT: 12.891 min Scan# 1668
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

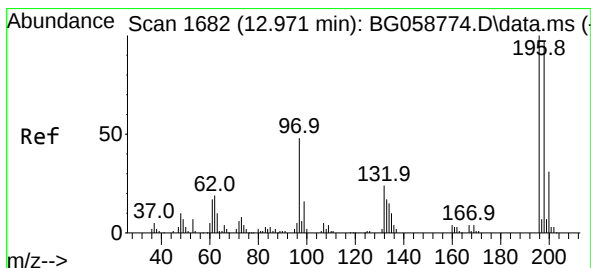
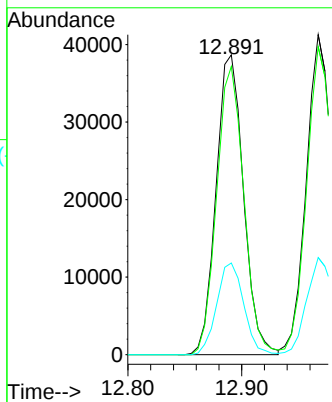
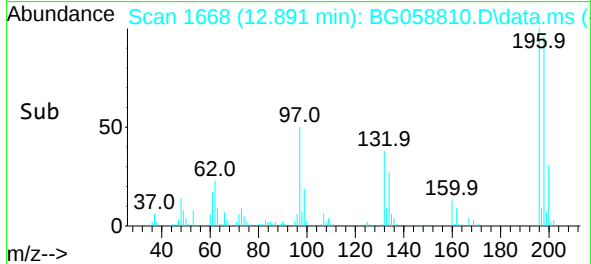
Instrument :
BNA_G
ClientSampleId :
TP-LMS



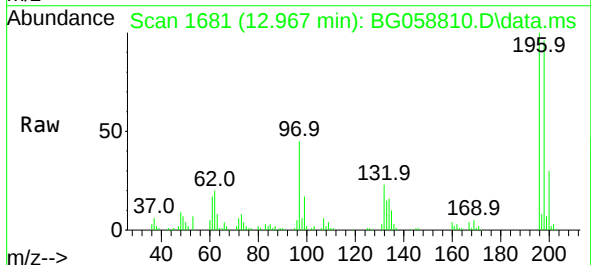
Tgt Ion:196 Resp: 64848
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
200 30.6 23.8 35.6

Manual Integrations
APPROVED

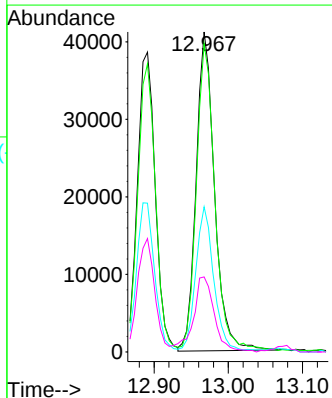
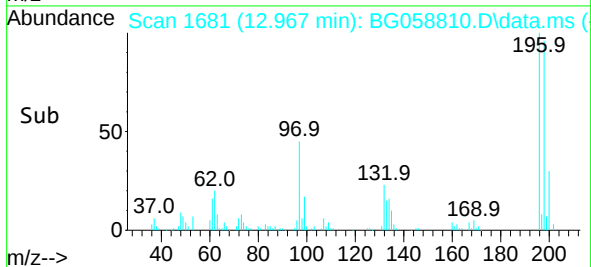
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

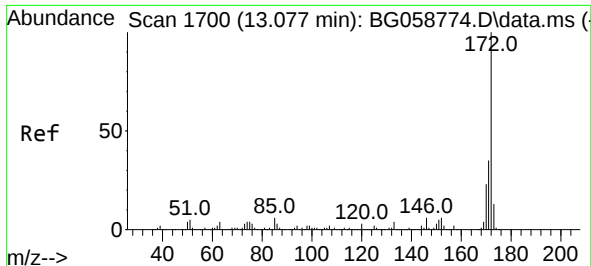


#44
2,4,5-Trichlorophenol
Concen: 38.929 ng
RT: 12.967 min Scan# 1681
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:196 Resp: 70990
Ion Ratio Lower Upper
196 100
198 96.2 78.0 117.0
97 45.3 38.7 58.1
132 23.5 19.8 29.6





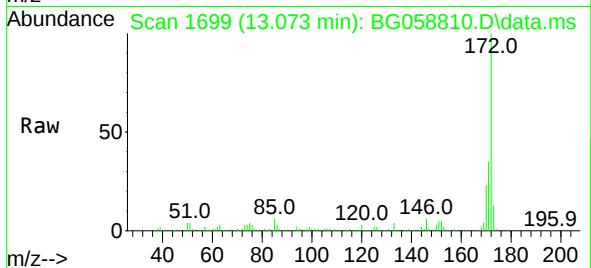
#45
2-Fluorobiphenyl
Concen: 46.069 ng
RT: 13.073 min Scan# 1700
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

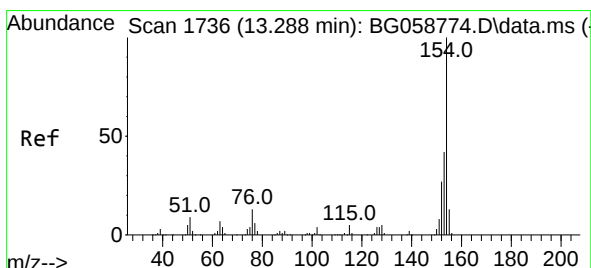
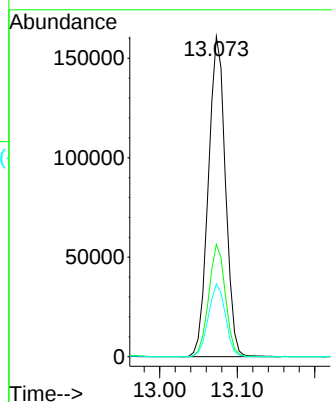
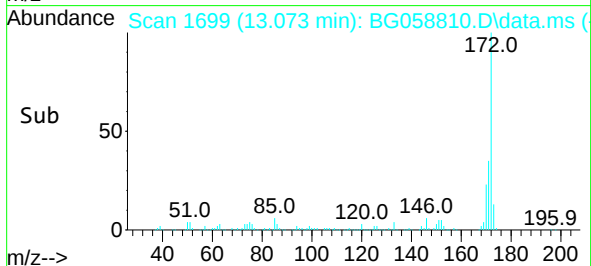


Tgt Ion:172 Resp: 245890
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.7 18.6 27.8

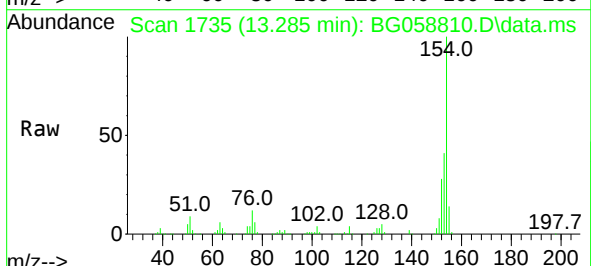
Manual Integrations

APPROVED

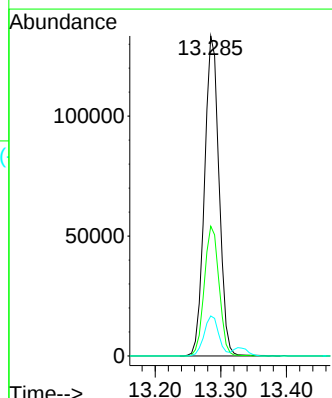
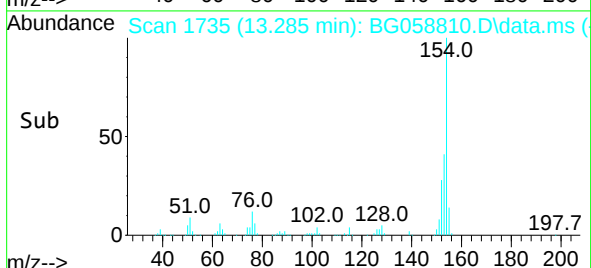
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

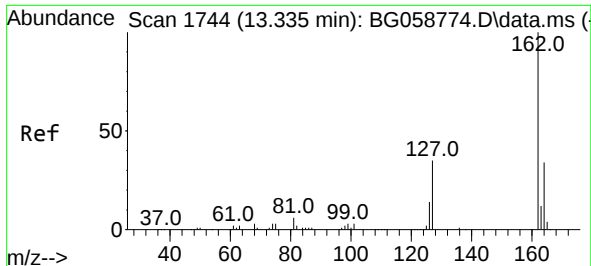


#46
1,1'-Biphenyl
Concen: 38.545 ng
RT: 13.285 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



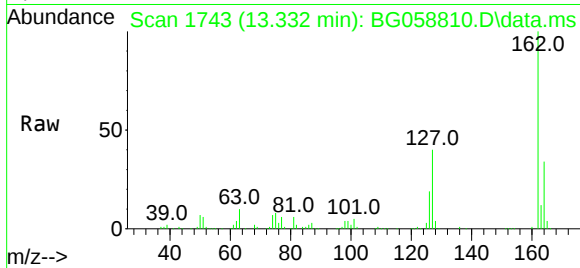
Tgt Ion:154 Resp: 206130
Ion Ratio Lower Upper
154 100
153 40.5 21.7 61.7
76 12.5 0.0 33.2





#47
2-Chloronaphthalene
Concen: 39.997 ng
RT: 13.332 min Scan# 1744
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

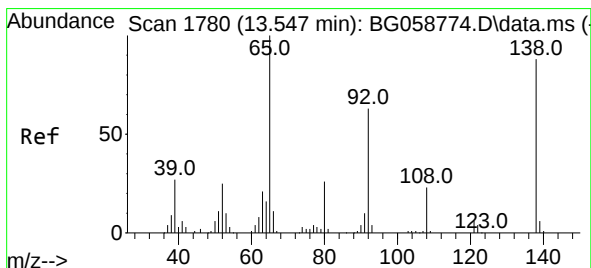
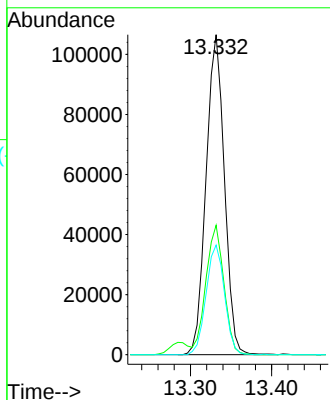
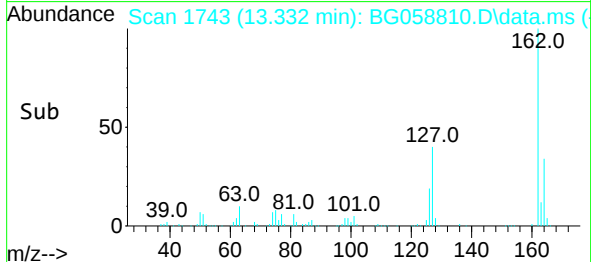
Instrument :
BNA_G
ClientSampleId :
TP-LMS



Tgt Ion:162 Resp: 166689
Ion Ratio Lower Upper
162 100
127 40.4 31.5 47.3
164 34.2 27.3 40.9

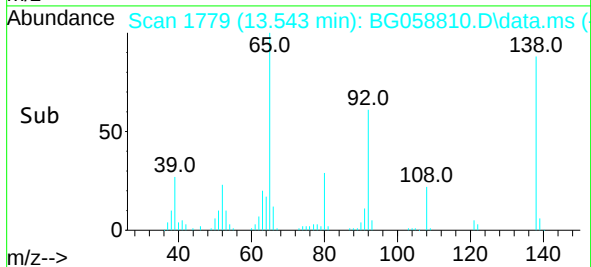
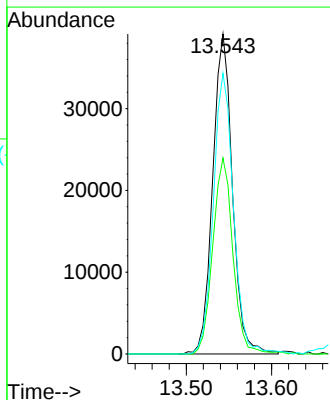
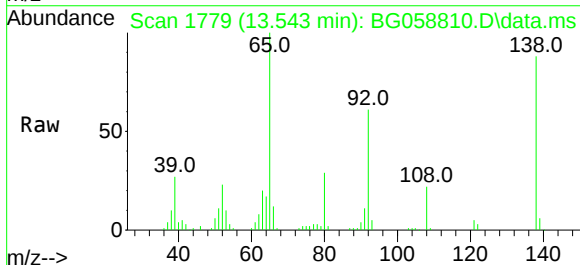
Manual Integrations
APPROVED

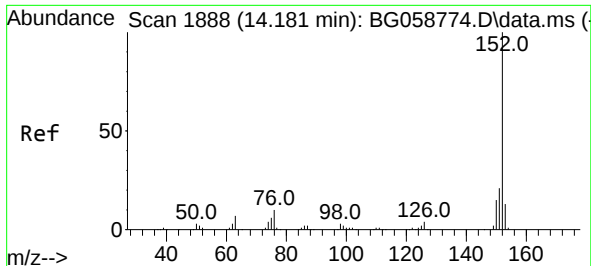
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#48
2-Nitroaniline
Concen: 39.856 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

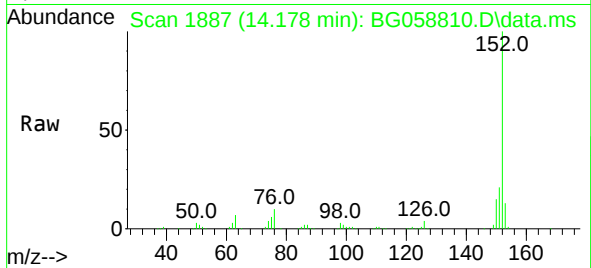
Tgt Ion: 65 Resp: 63084
Ion Ratio Lower Upper
65 100
92 61.2 50.7 76.1
138 87.7 70.7 106.1





#49
Acenaphthylene
Concen: 40.165 ng
RT: 14.178 min Scan# 1887
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

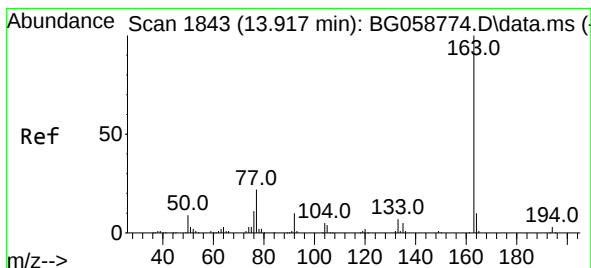
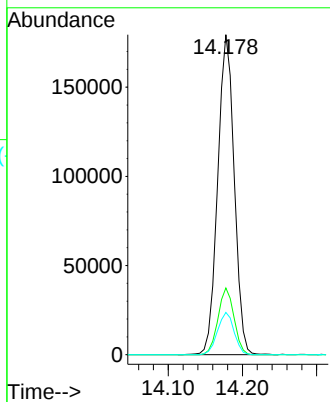
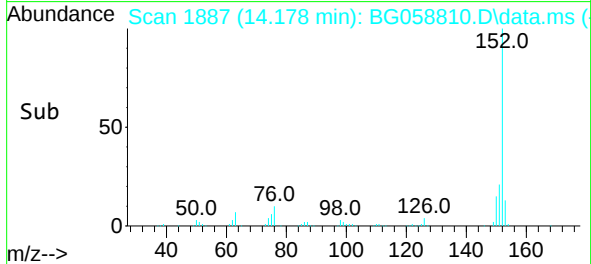
Instrument :
BNA_G
ClientSampleId :
TP-LMS



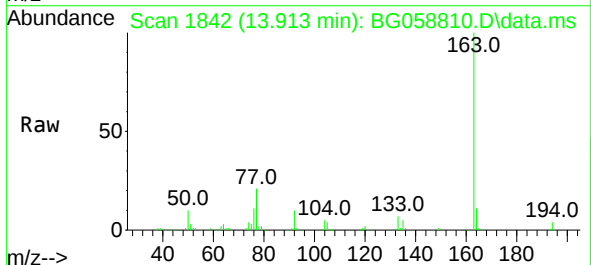
Tgt Ion:152 Resp: 27758
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.2 10.7 16.1

Manual Integrations
APPROVED

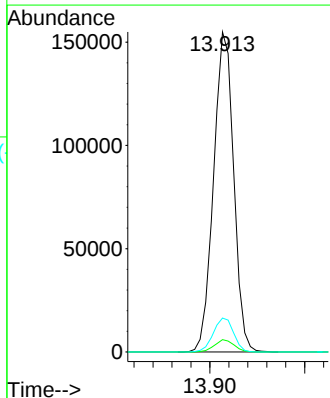
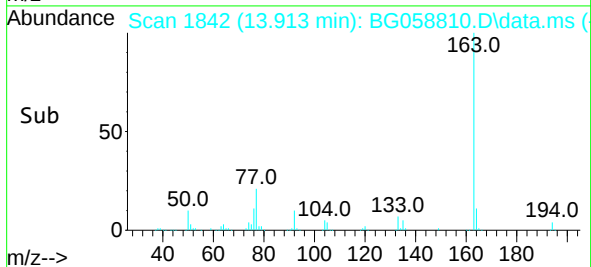
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

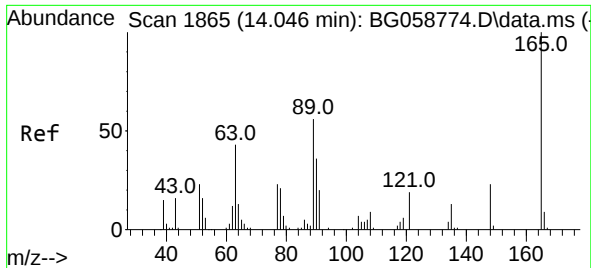


#50
Dimethylphthalate
Concen: 37.956 ng
RT: 13.913 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:163 Resp: 228142
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.6 8.3 12.5





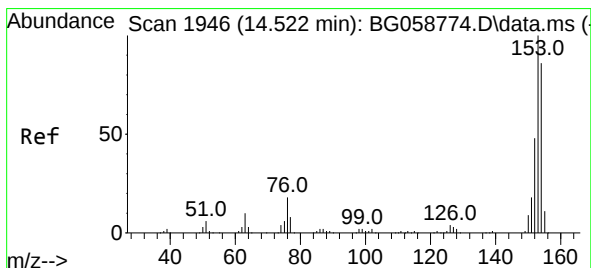
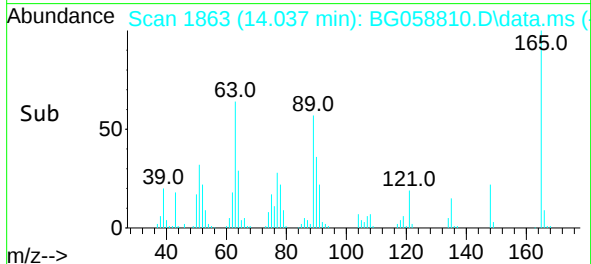
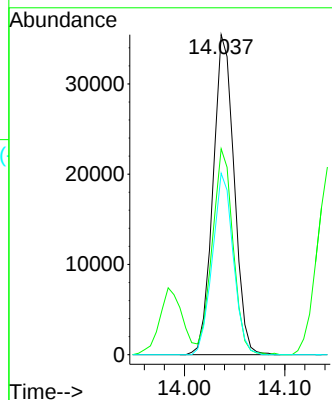
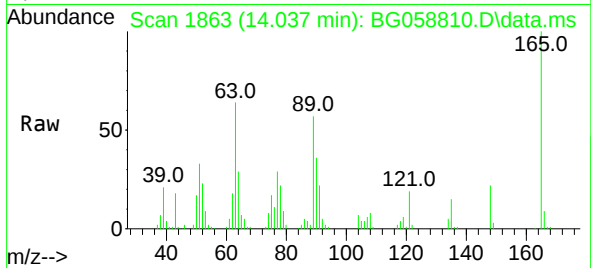
#51
2,6-Dinitrotoluene
Concen: 40.851 ng
RT: 14.037 min Scan# 1863
Delta R.T. -0.010 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :
BNA_G
ClientSampleId :
TP-LMS

Tgt Ion:165 Resp: 51580
Ion Ratio Lower Upper
165 100
63 64.3 47.2 70.8
89 56.7 45.0 67.4

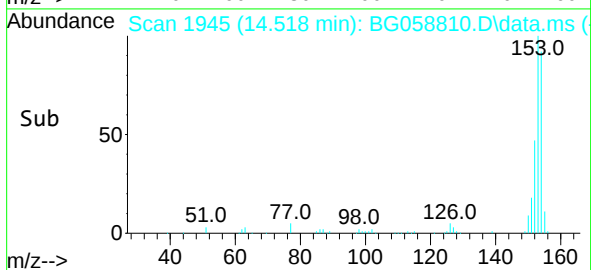
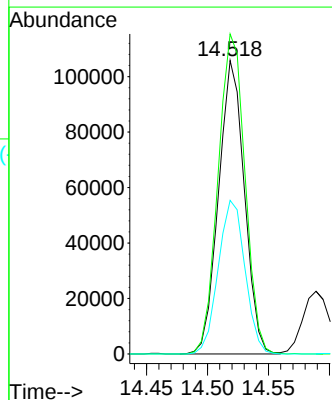
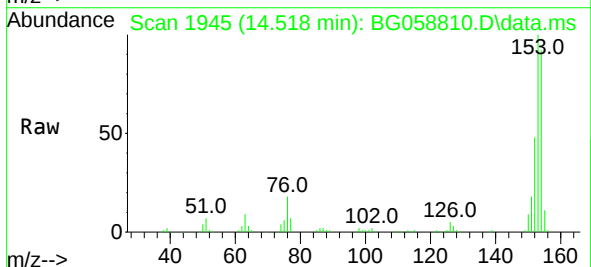
Manual Integrations
APPROVED

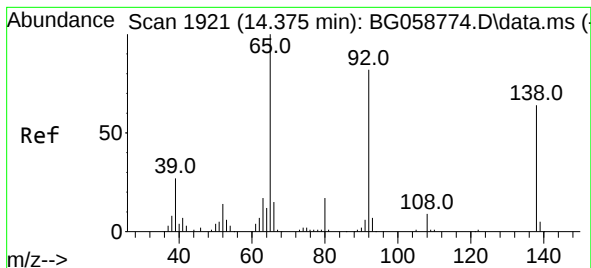
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#52
Acenaphthene
Concen: 38.660 ng
RT: 14.518 min Scan# 1945
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

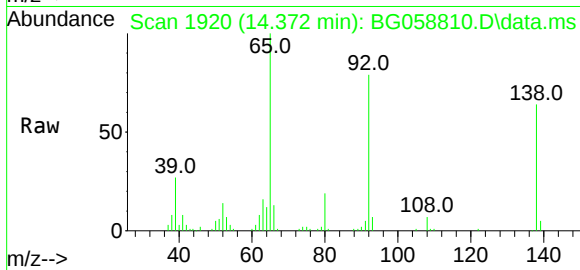
Tgt Ion:154 Resp: 156139
Ion Ratio Lower Upper
154 100
153 109.1 92.7 139.1
152 52.3 44.2 66.2





#53
3-Nitroaniline
Concen: 28.586 ng
RT: 14.372 min Scan# 1921
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

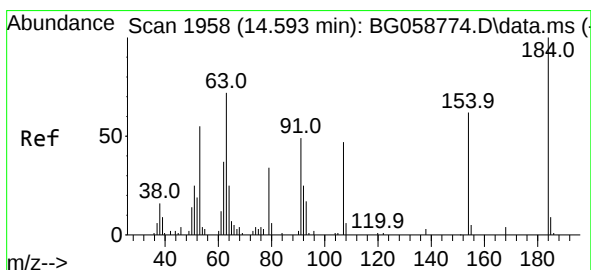
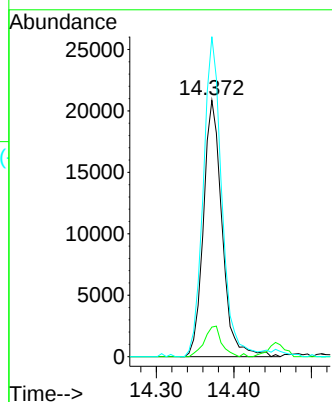
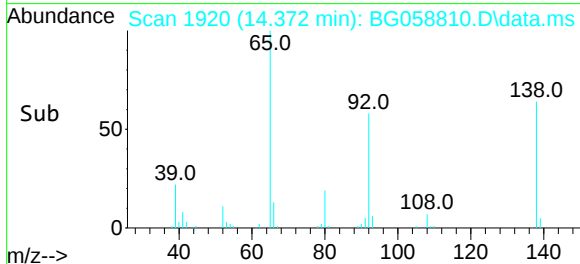
Instrument :
BNA_G
ClientSampleId :
TP-LMS



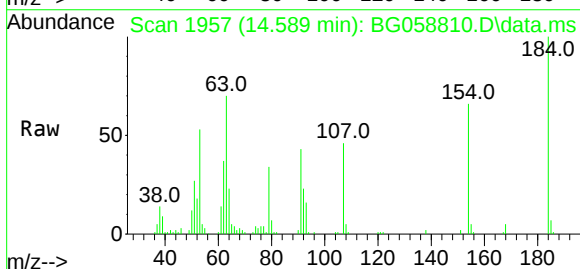
Tgt Ion:138 Resp: 34815
Ion Ratio Lower Upper
138 100
108 11.5 11.8 17.8
92 124.8 102.5 153.7

Manual Integrations
APPROVED

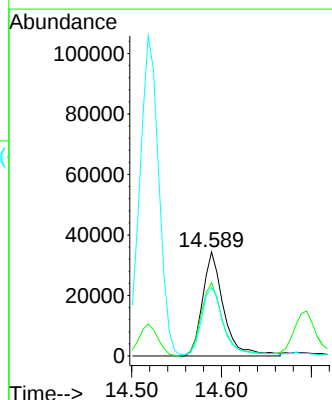
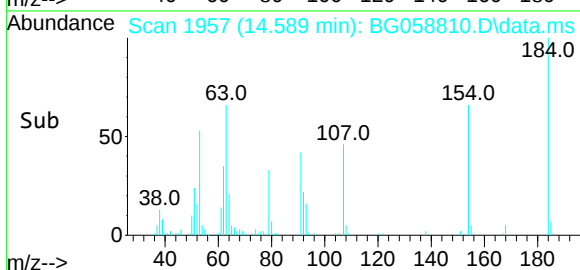
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

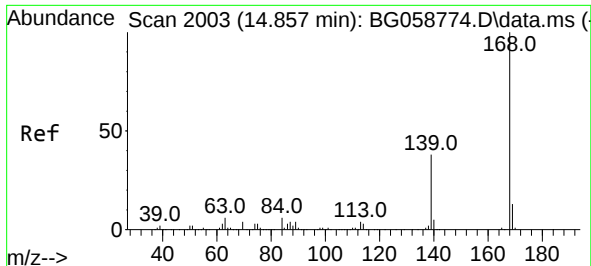


#54
2,4-Dinitrophenol
Concen: 79.629 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:184 Resp: 56175
Ion Ratio Lower Upper
184 100
63 70.3 57.7 86.5
154 65.7 51.8 77.6





#55
Dibenzenofuran
Concen: 38.971 ng
RT: 14.853 min Scan# 2003
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

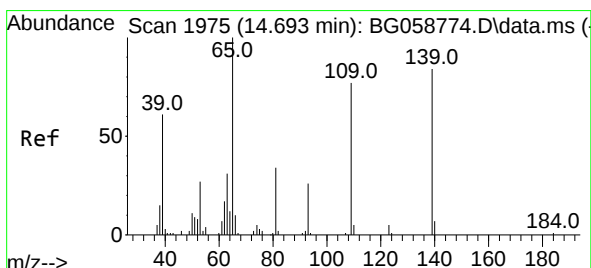
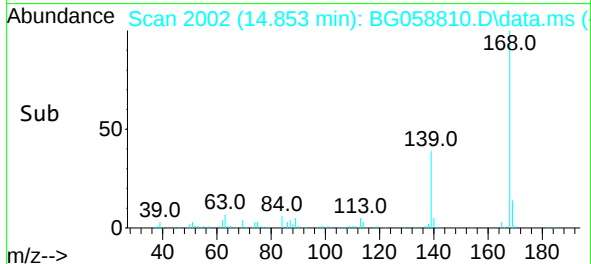
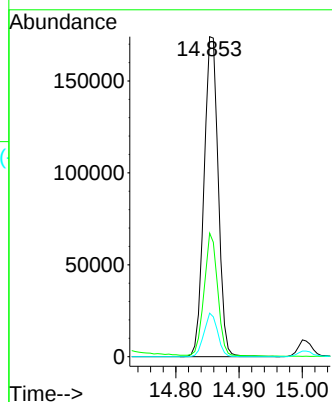
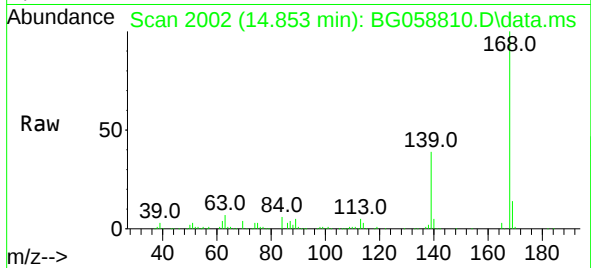
TP-LMS

Tgt Ion:168 Resp: 27150
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 13.6 10.7 16.1

Manual Integrations

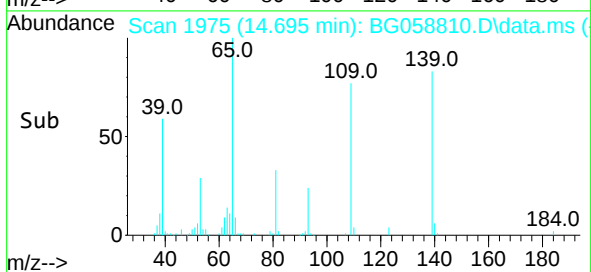
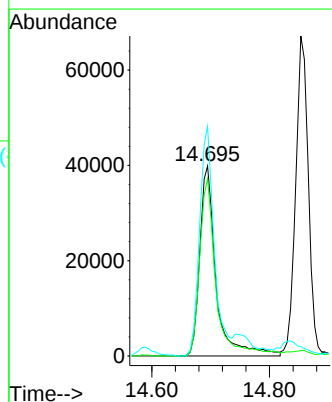
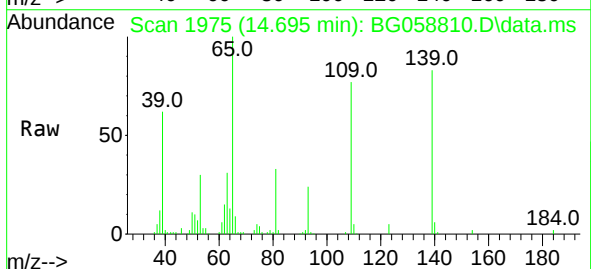
APPROVED

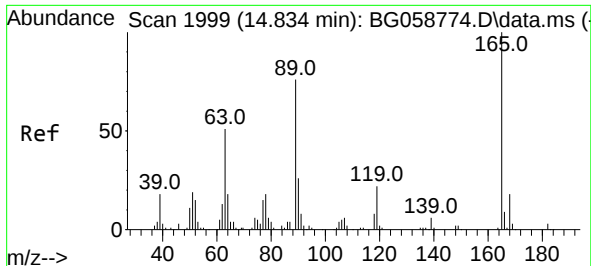
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#56
4-Nitrophenol
Concen: 86.860 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:139 Resp: 76888
Ion Ratio Lower Upper
139 100
109 93.4 71.9 111.9
65 120.9 100.7 140.7





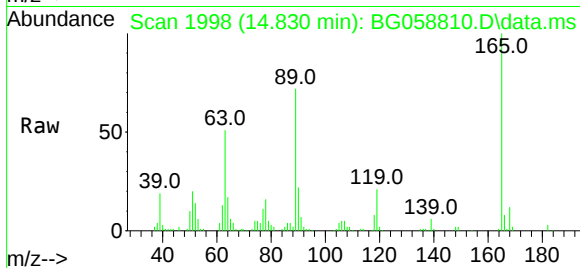
#57
2,4-Dinitrotoluene
Concen: 43.231 ng
RT: 14.830 min Scan# 1999
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

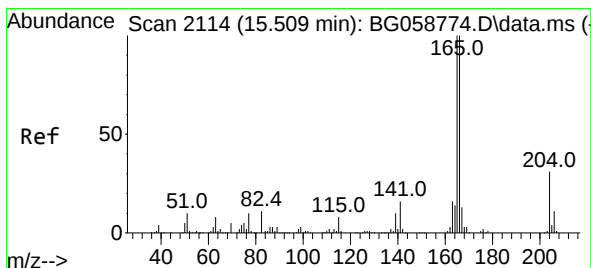
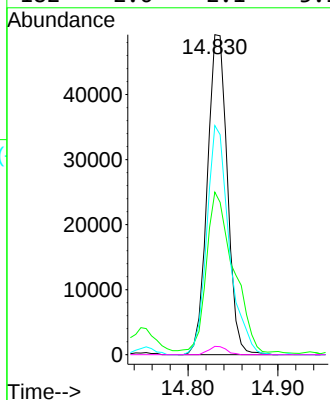
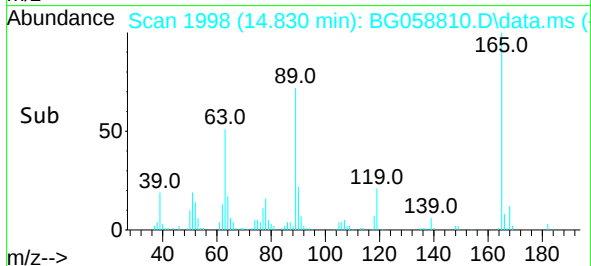


Tgt Ion:165 Resp: 7614
Ion Ratio Lower Upper
165 100
63 50.8 41.8 62.6
89 71.6 60.7 91.1
182 2.6 2.1 3.1

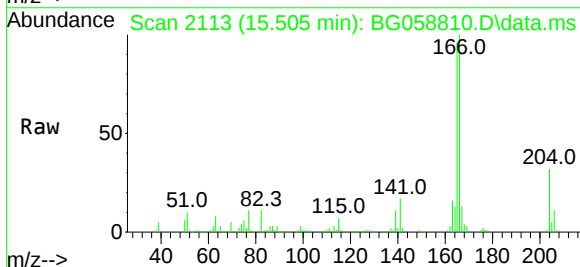
Manual Integrations

APPROVED

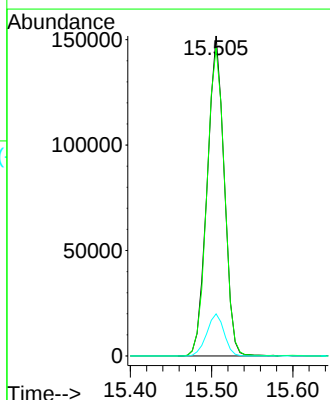
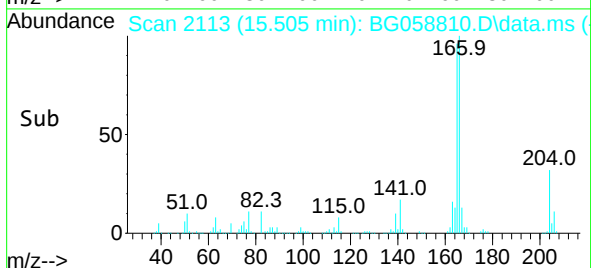
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

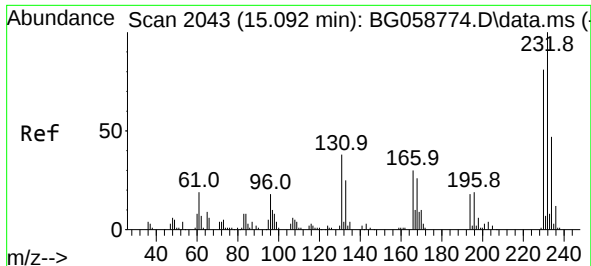


#58
Fluorene
Concen: 39.755 ng
RT: 15.505 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



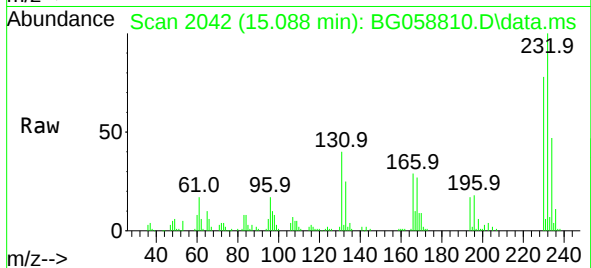
Tgt Ion:166 Resp: 220416
Ion Ratio Lower Upper
166 100
165 96.2 79.9 119.9
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.187 ng
RT: 15.088 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

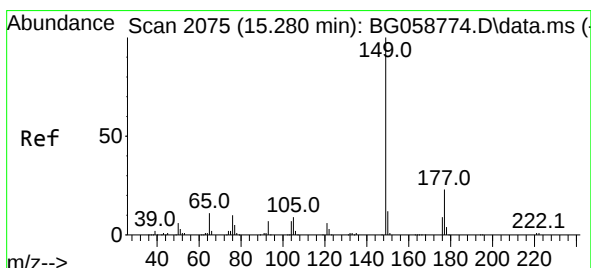
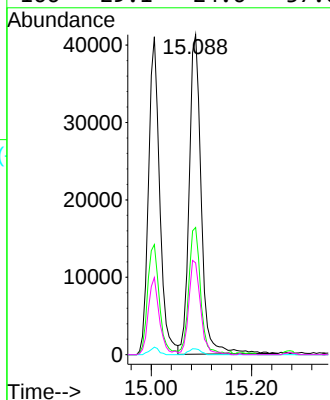
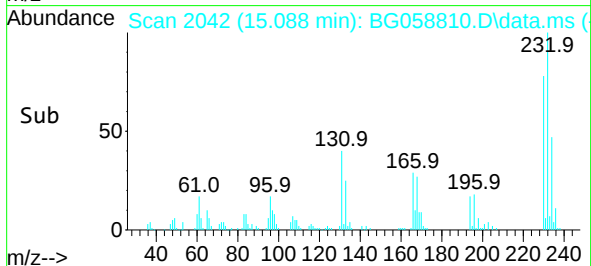
Instrument :
BNA_G
ClientSampleId :
TP-LMS



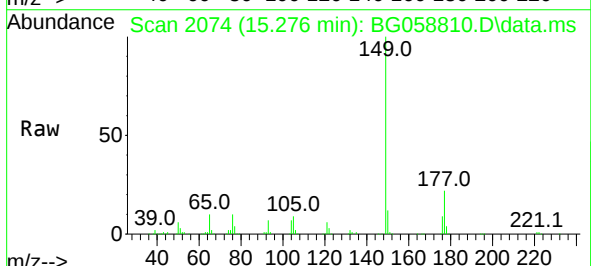
Tgt Ion:232 Resp: 68730
Ion Ratio Lower Upper
232 100
131 39.4 33.9 50.9
130 1.8 1.8 2.6
166 29.1 24.6 37.0

Manual Integrations
APPROVED

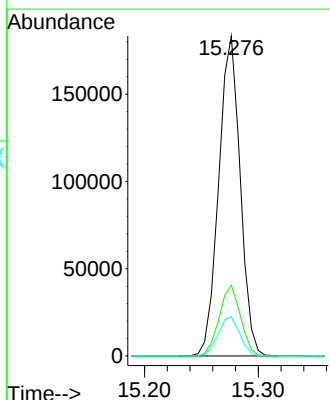
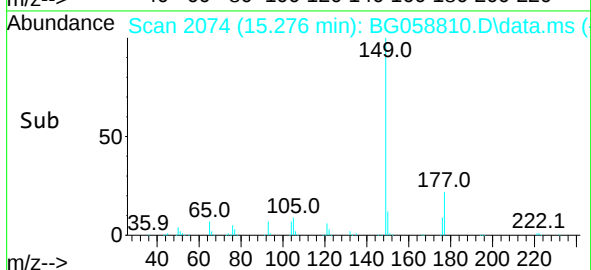
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

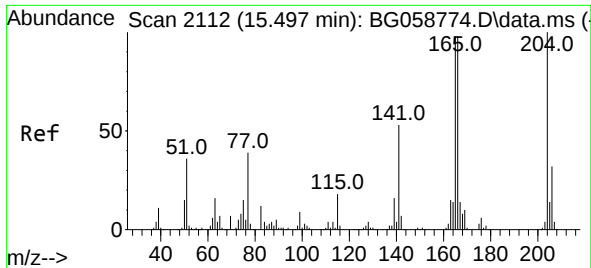


#60
Diethylphthalate
Concen: 38.839 ng
RT: 15.276 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



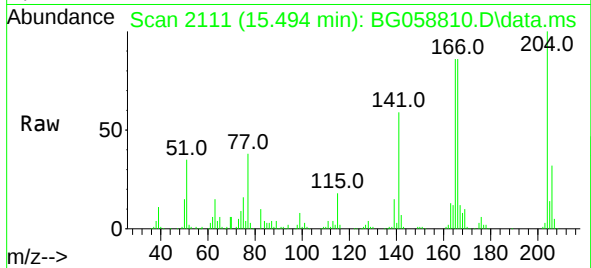
Tgt Ion:149 Resp: 240696
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.683 ng
RT: 15.494 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

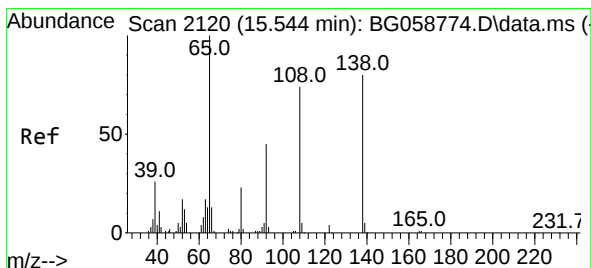
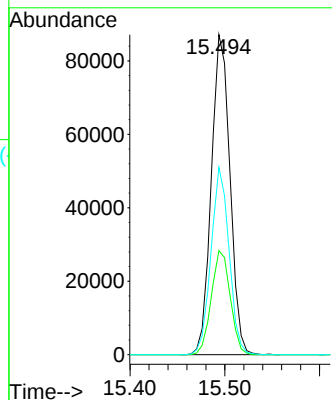
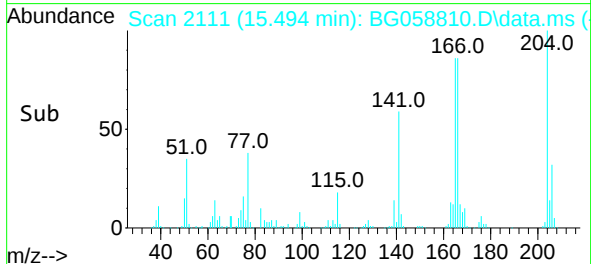
Instrument :
BNA_G
ClientSampleId :
TP-LMS



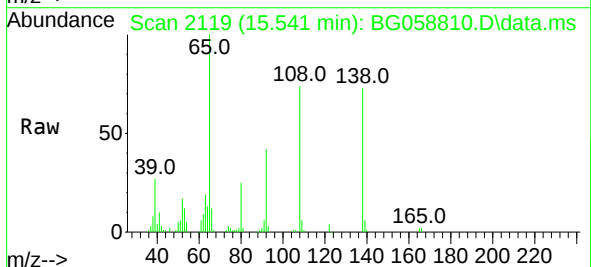
Tgt Ion:204 Resp: 118870
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 58.5 42.3 63.5

Manual Integrations
APPROVED

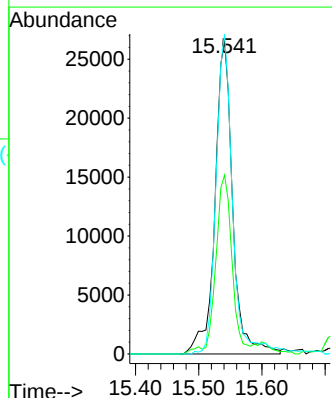
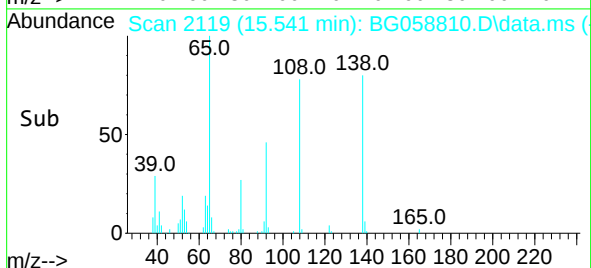
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

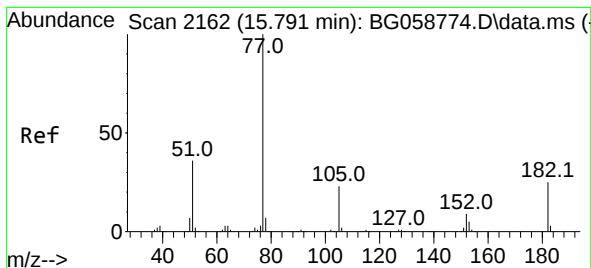


#62
4-Nitroaniline
Concen: 41.798 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:138 Resp: 51662
Ion Ratio Lower Upper
138 100
92 57.2 36.4 76.4
108 102.3 72.2 112.2





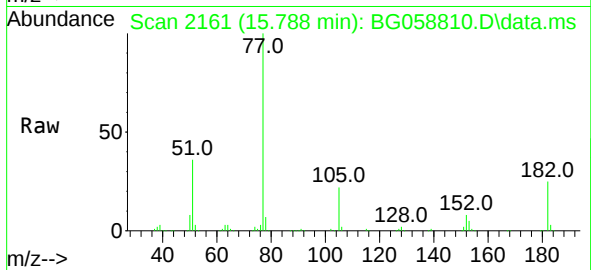
#63
Azobenzene
Concen: 38.814 ng
RT: 15.788 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

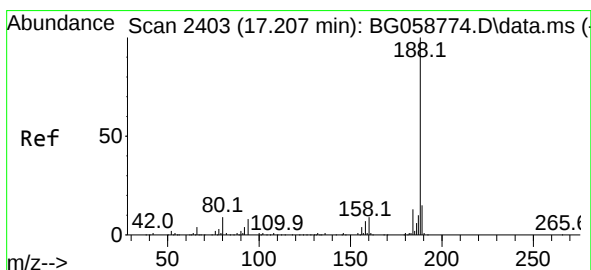
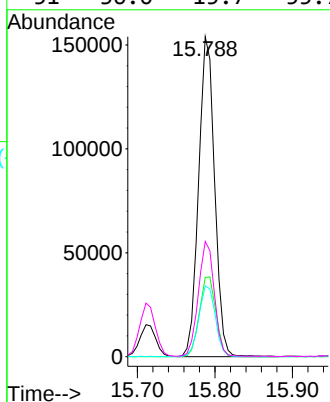
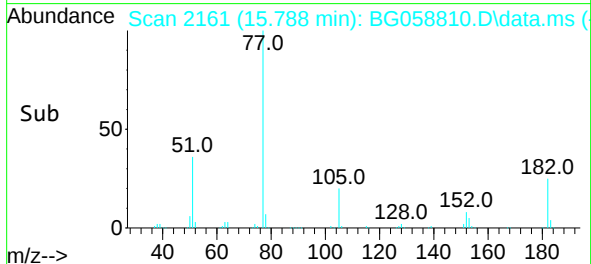


Tgt Ion: 77 Resp: 22086
Ion Ratio Lower Upper
77 100
182 24.8 4.9 44.9
105 22.1 2.8 42.8
51 36.0 15.7 55.7

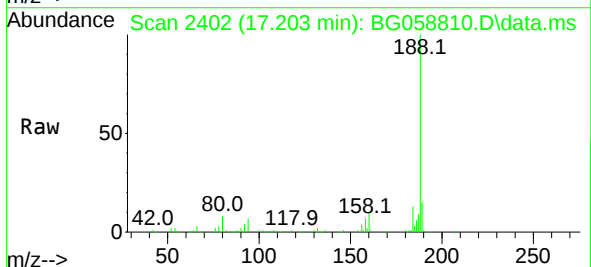
Manual Integrations

APPROVED

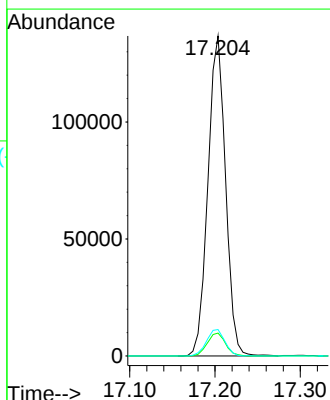
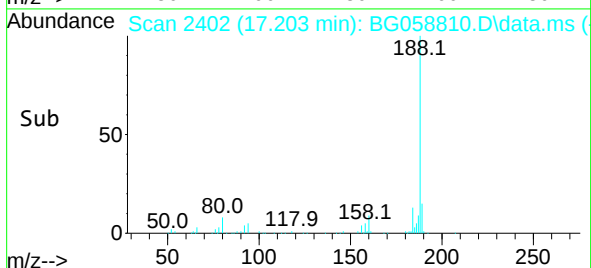
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

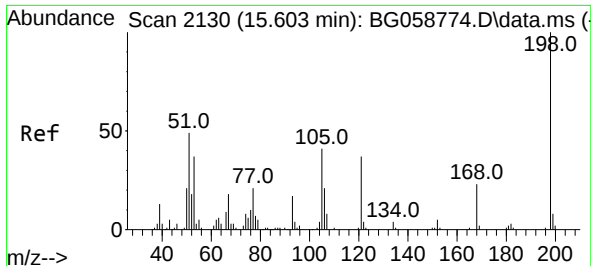


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:188 Resp: 196570
Ion Ratio Lower Upper
188 100
94 7.2 6.1 9.1
80 8.3 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 40.719 ng
RT: 15.600 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

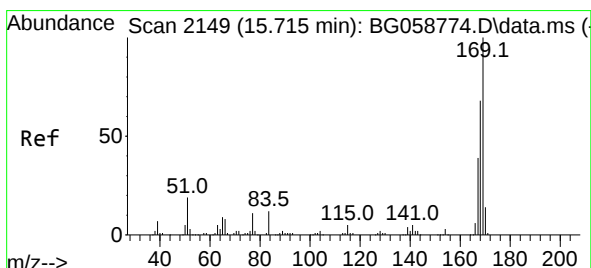
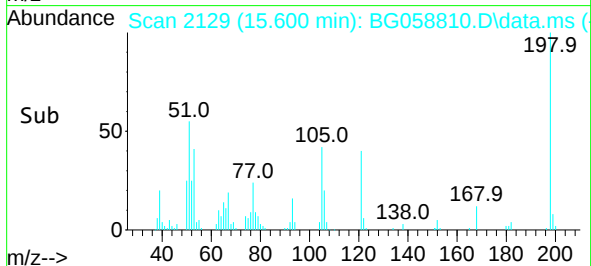
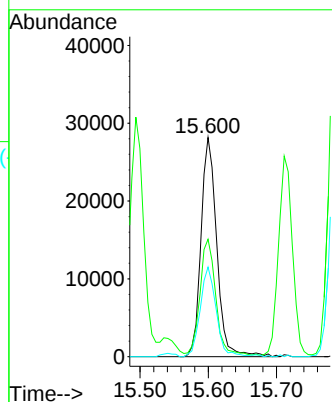
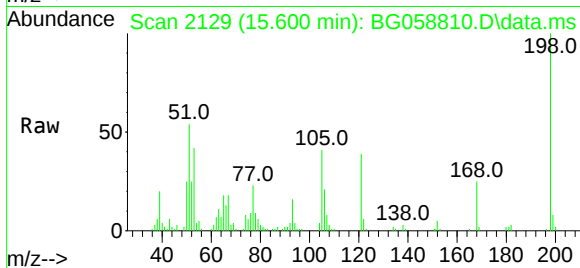
TP-LMS

Tgt Ion:198 Resp: 4524
Ion Ratio Lower Upper
198 100
51 53.5 31.3 71.3
105 40.9 20.7 60.7

Manual Integrations

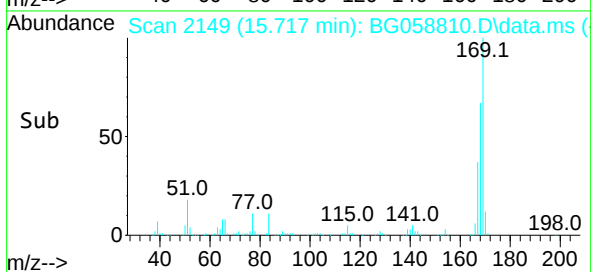
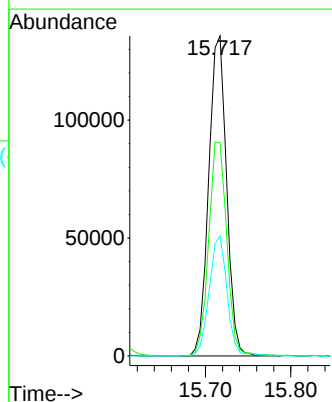
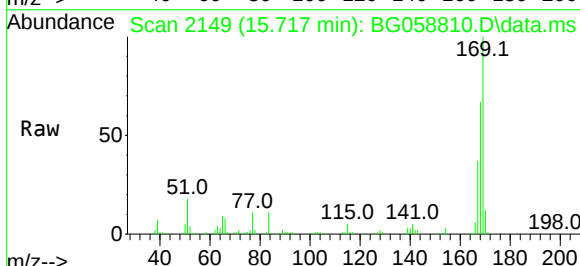
APPROVED

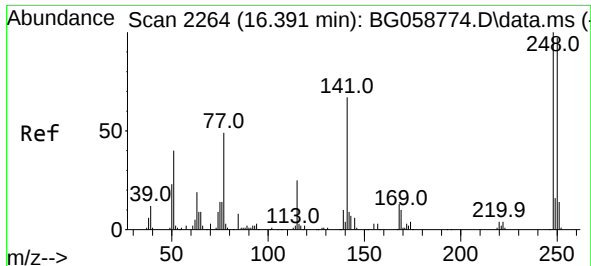
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#66
n-Nitrosodiphenylamine
Concen: 39.036 ng
RT: 15.717 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:169 Resp: 197768
Ion Ratio Lower Upper
169 100
168 66.7 54.4 81.6
167 37.5 31.4 47.0





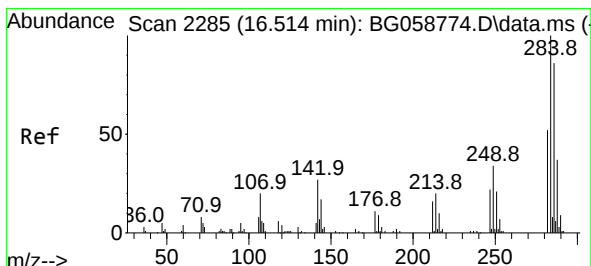
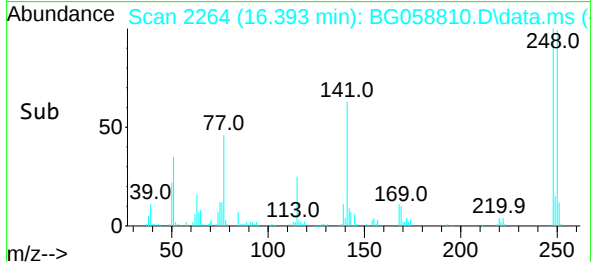
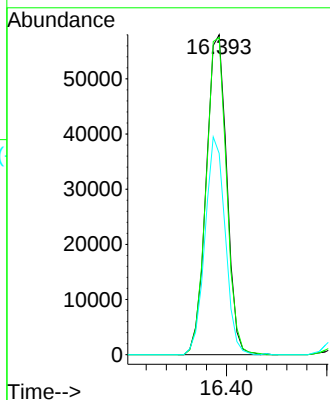
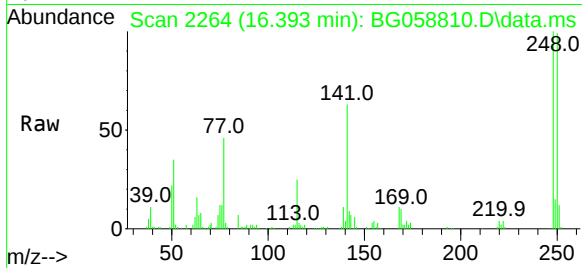
#67
4-Bromophenyl-phenylether
Concen: 38.268 ng
RT: 16.393 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :
BNA_G
ClientSampleId :
TP-LMS

Tgt Ion:248 Resp: 8254
Ion Ratio Lower Upper
248 100
250 99.1 77.7 116.5
141 62.9 53.6 80.4

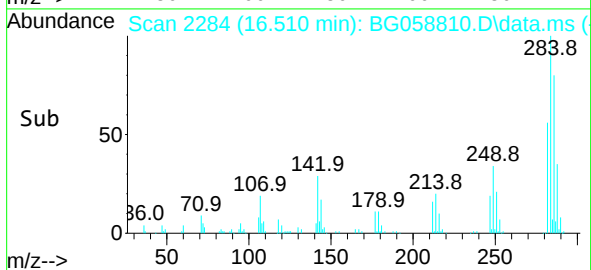
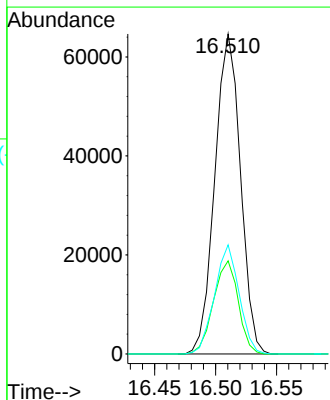
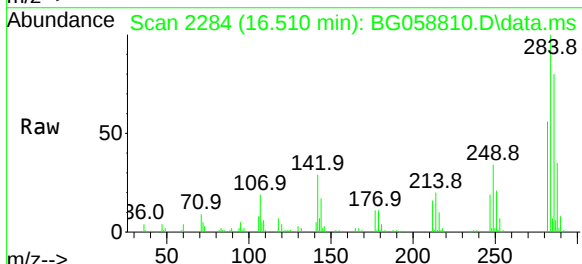
Manual Integrations
APPROVED

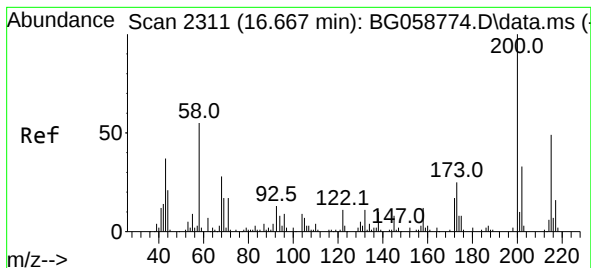
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#68
Hexachlorobenzene
Concen: 40.696 ng
RT: 16.510 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:284 Resp: 94479
Ion Ratio Lower Upper
284 100
142 29.1 22.0 33.0
249 34.1 27.2 40.8





#69

Atrazine

Concen: 46.925 ng

RT: 16.663 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

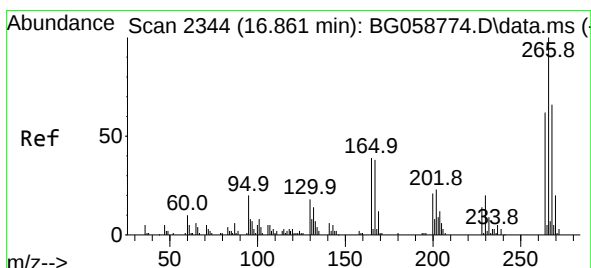
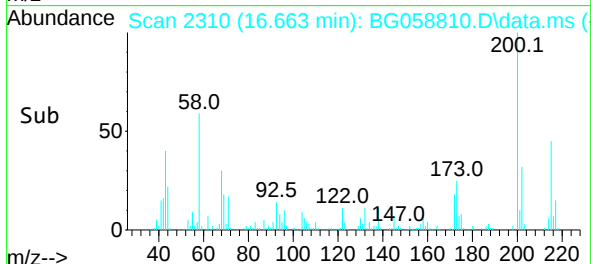
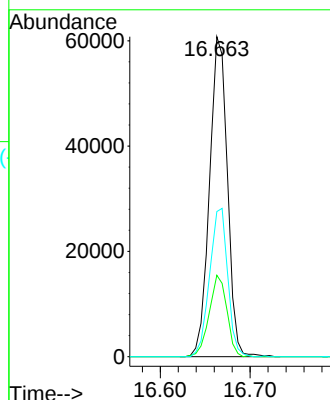
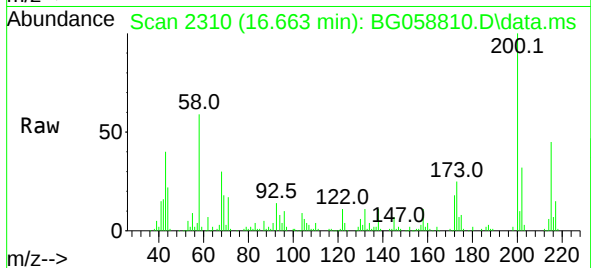
Tgt Ion:200 Resp: 84130
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.3 45.3
 215 45.4 29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#70

Pentachlorophenol

Concen: 67.794 ng

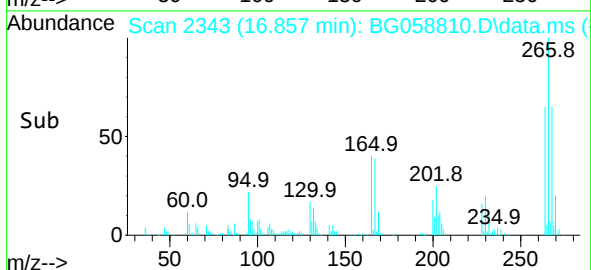
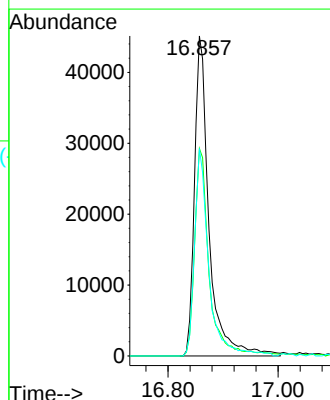
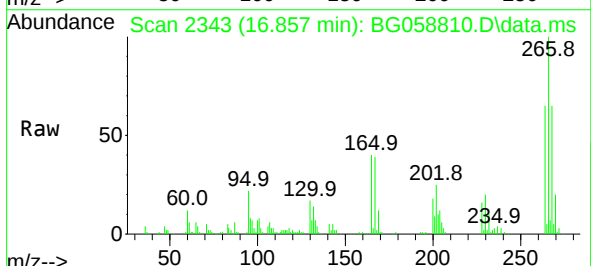
RT: 16.857 min Scan# 2343

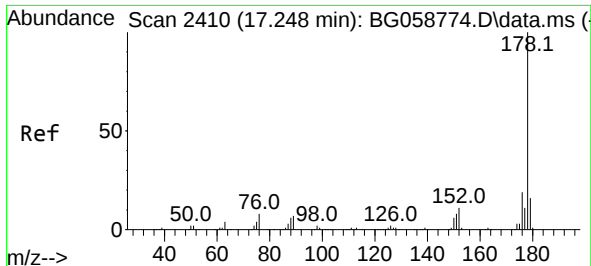
Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

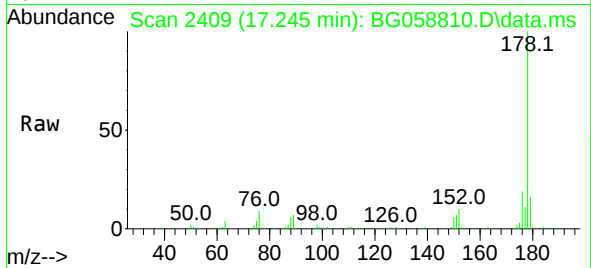
Tgt Ion:266 Resp: 82529
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.7 79.1
 264 64.8 49.5 74.3





#71
Phenanthrene
Concen: 38.938 ng
RT: 17.245 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

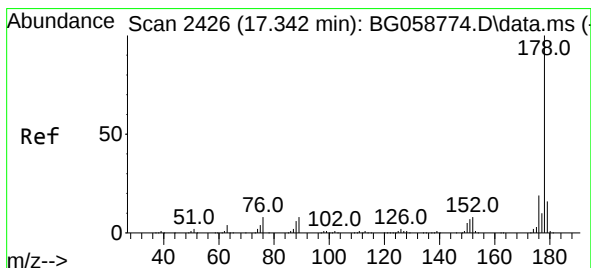
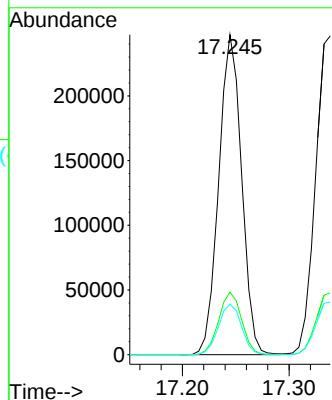
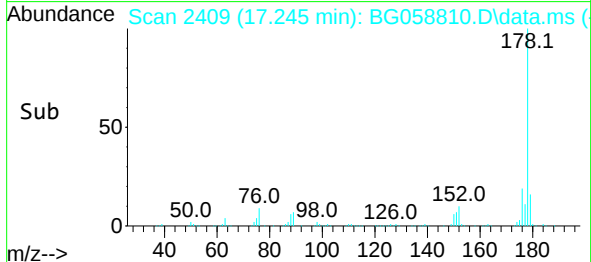
Instrument :
BNA_G
ClientSampleId :
TP-LMS



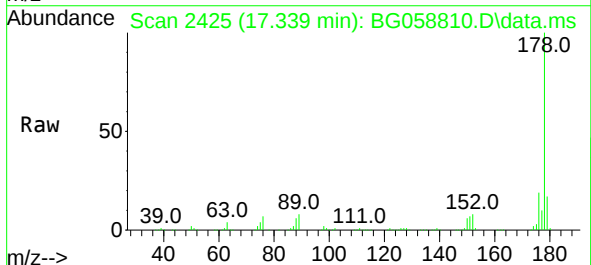
Tgt Ion:178 Resp: 367451
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.8 13.0 19.4

Manual Integrations
APPROVED

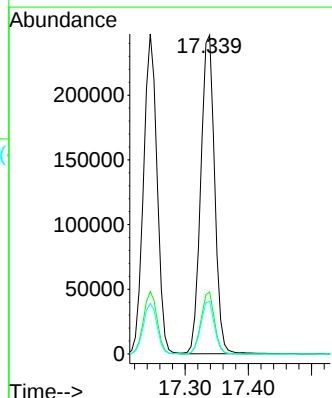
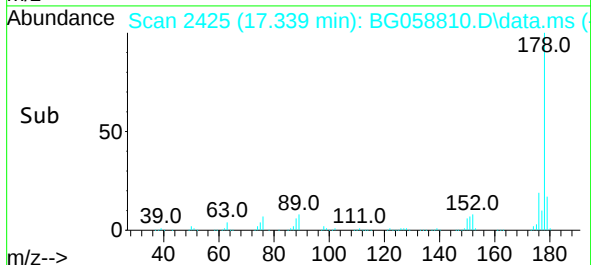
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

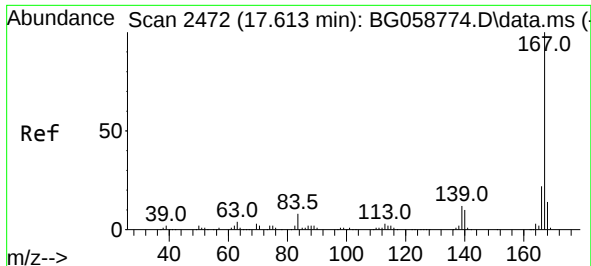


#72
Anthracene
Concen: 39.570 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



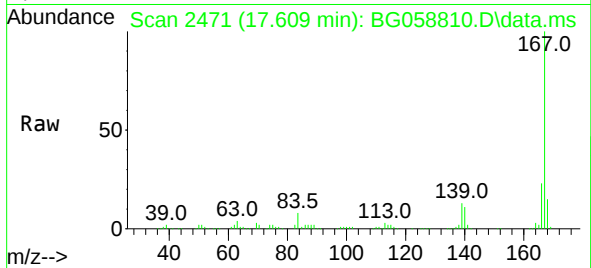
Tgt Ion:178 Resp: 374511
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.5 12.9 19.3





#73
Carbazole
Concen: 40.746 ng
RT: 17.609 min Scan# 2471
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

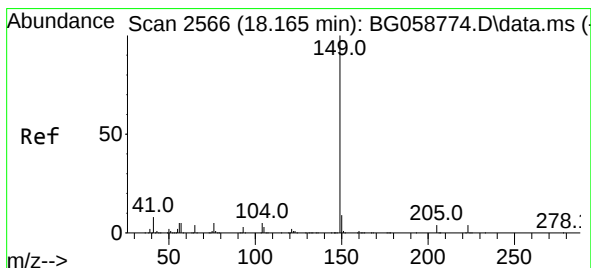
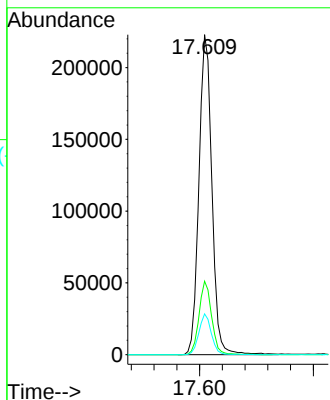
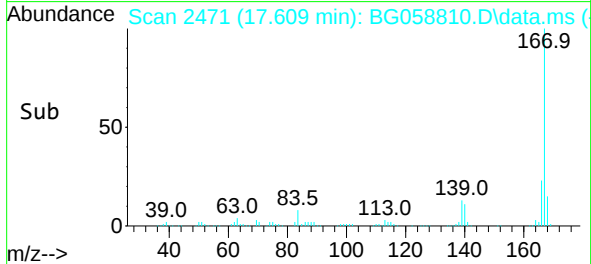
Instrument :
BNA_G
ClientSampleId :
TP-LMS



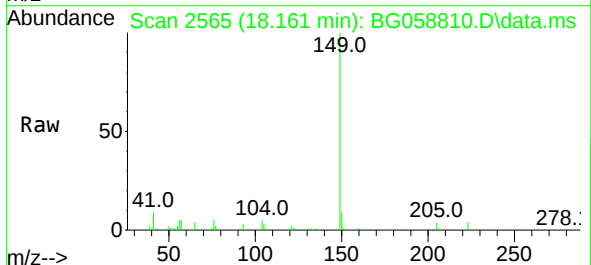
Tgt Ion:167 Resp: 353149
Ion Ratio Lower Upper
167 100
166 23.0 17.4 26.2
139 12.8 9.7 14.5

Manual Integrations
APPROVED

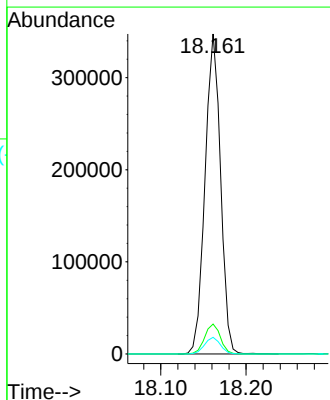
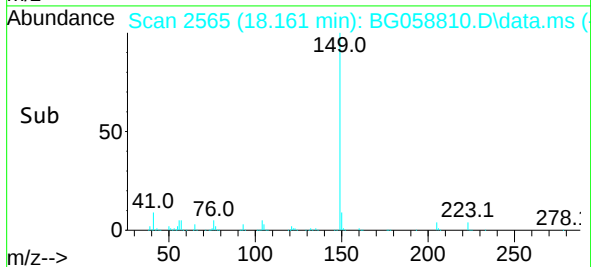
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

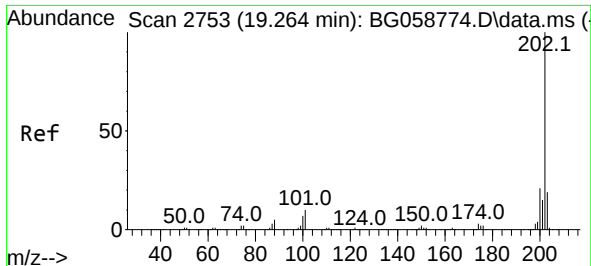


#74
Di-n-butylphthalate
Concen: 40.097 ng
RT: 18.161 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:149 Resp: 438403
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.2 4.3 6.5





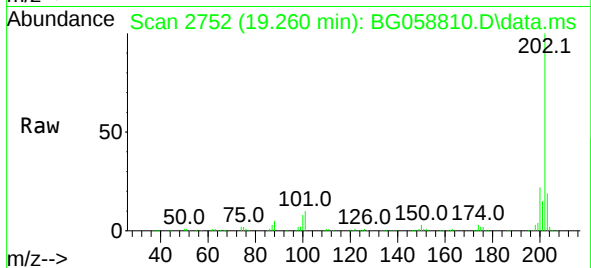
#75
Fluoranthene
Concen: 38.932 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

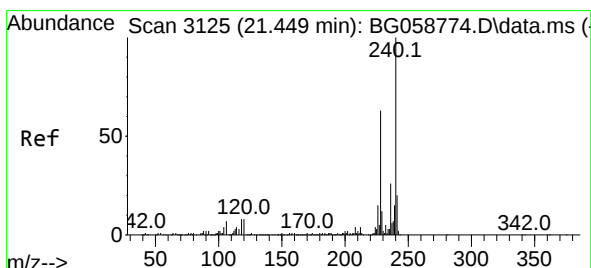
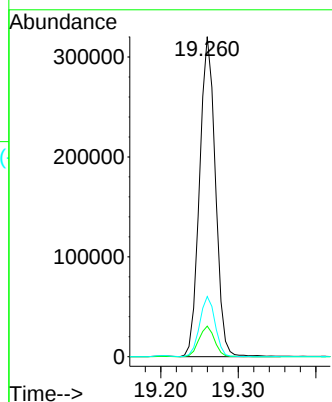
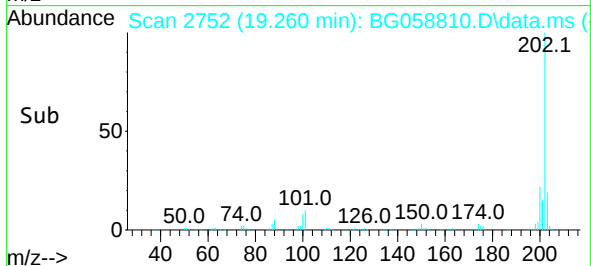


Tgt Ion:202 Resp: 455600
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 18.8 0.0 38.7

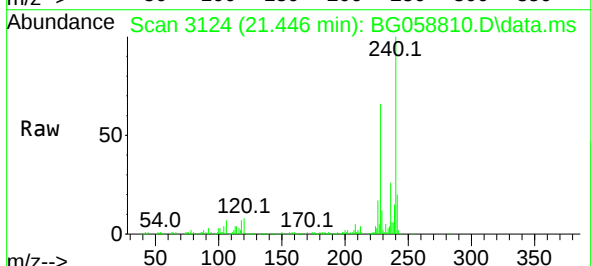
Manual Integrations

APPROVED

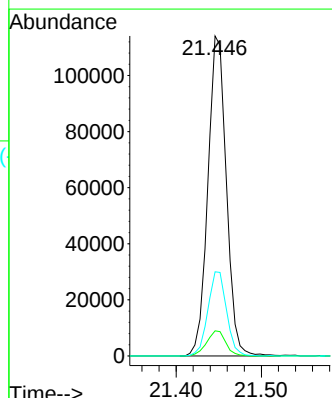
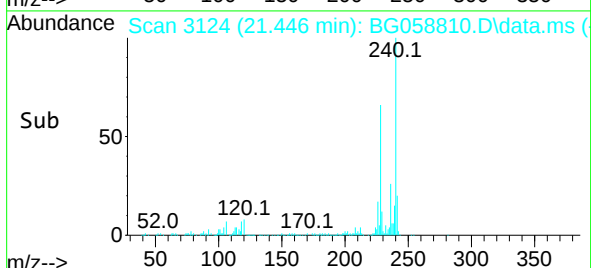
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

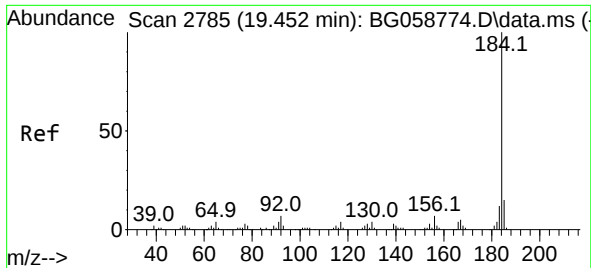


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



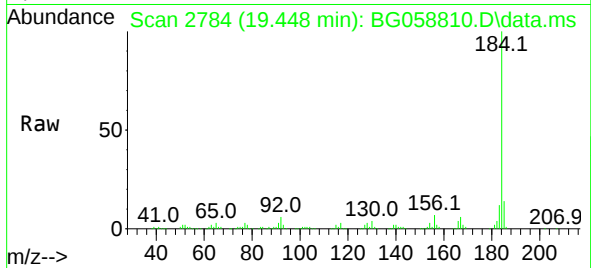
Tgt Ion:240 Resp: 171775
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 26.3 20.5 30.7





#77
Benzidine
Concen: 57.199 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

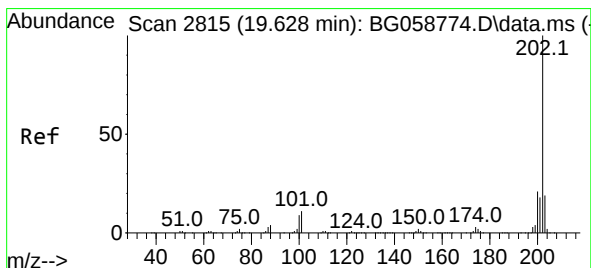
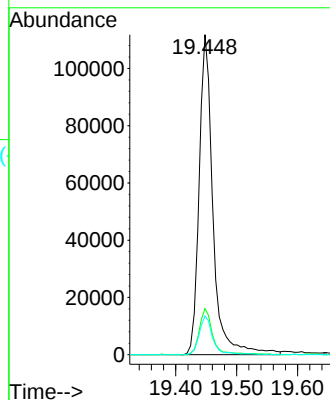
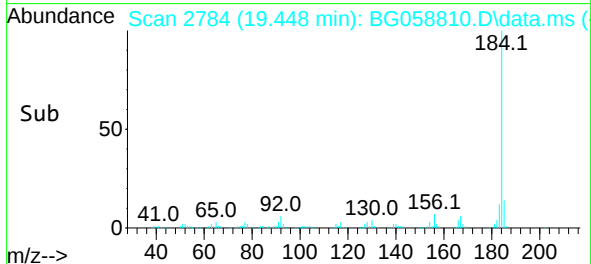
Instrument :
BNA_G
ClientSampleId :
TP-LMS



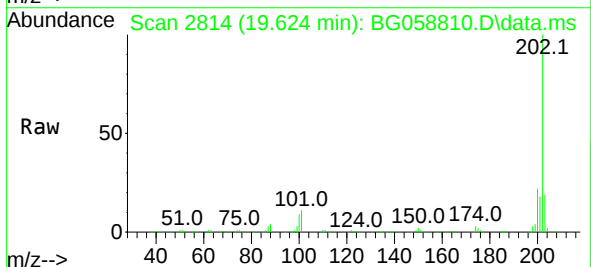
Tgt Ion:184 Resp: 176089
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 12.1 10.0 15.0

Manual Integrations
APPROVED

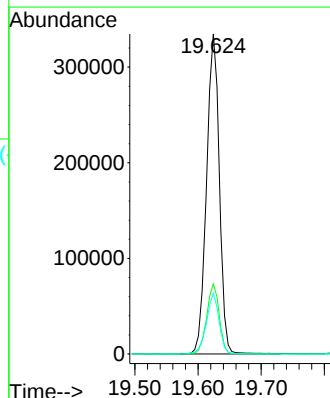
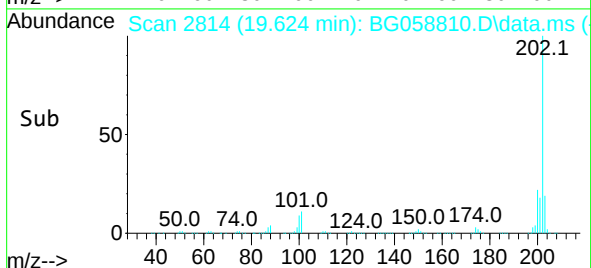
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

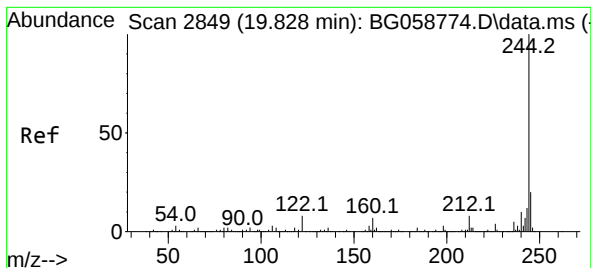


#78
Pyrene
Concen: 39.291 ng
RT: 19.624 min Scan# 2814
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



Tgt Ion:202 Resp: 470261
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 18.9 15.3 22.9





#79

Terphenyl-d14

Concen: 51.813 ng

RT: 19.824 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

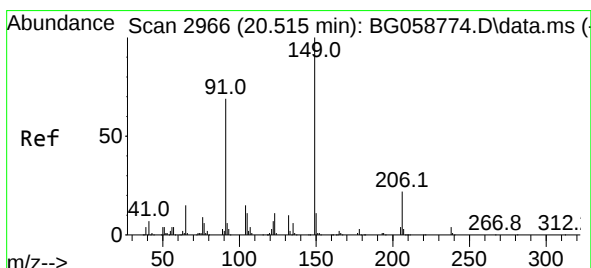
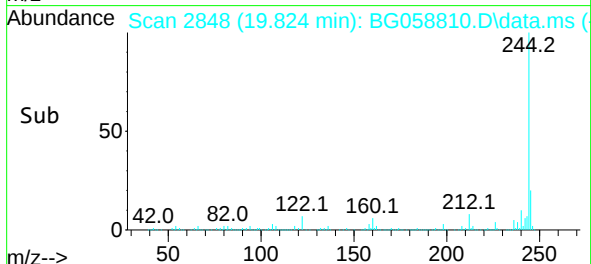
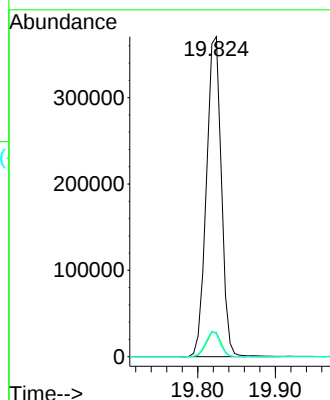
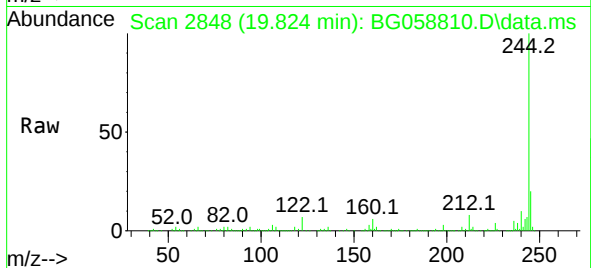
Tgt Ion:	244	Resp:	495670
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	7.1	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#80

Butylbenzylphthalate

Concen: 40.845 ng

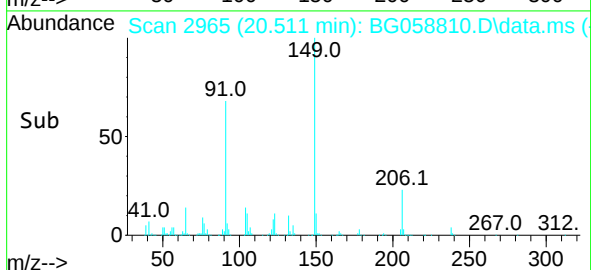
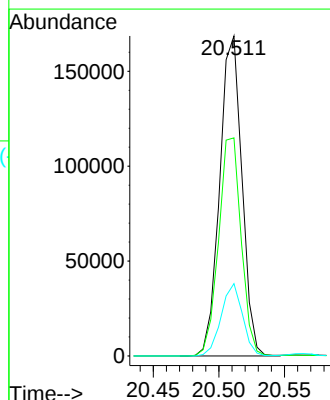
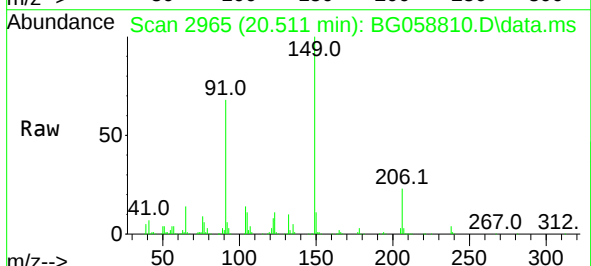
RT: 20.511 min Scan# 2965

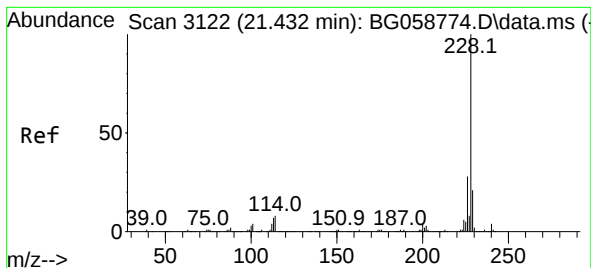
Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Tgt Ion:	149	Resp:	198269
Ion Ratio	Lower	Upper	
149	100		
91	68.1	55.0	82.4
206	22.6	17.6	26.4





#81

Benzo(a)anthracene

Concen: 39.443 ng

RT: 21.428 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

Tgt Ion:228 Resp: 47162

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

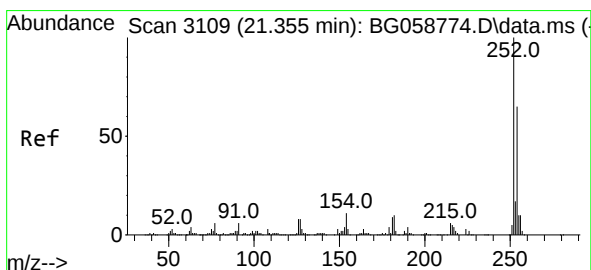
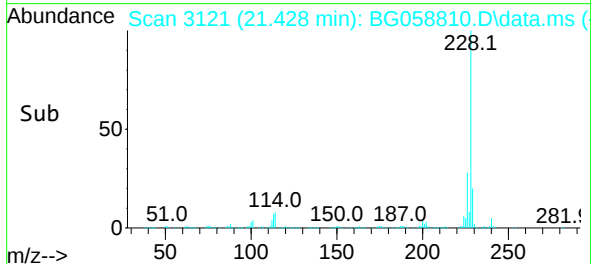
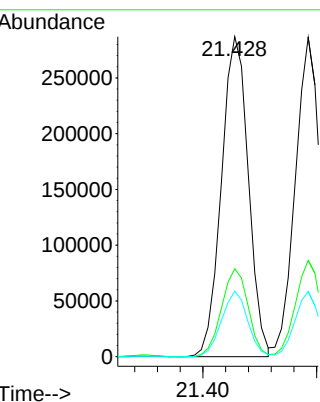
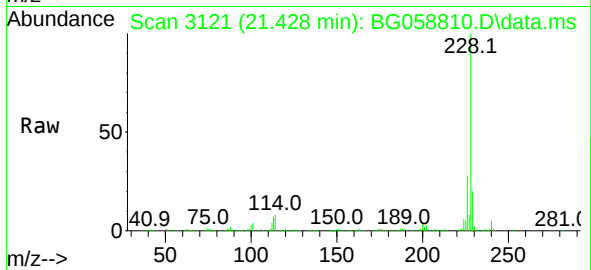
229 20.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 32.375 ng

RT: 21.352 min Scan# 3108

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

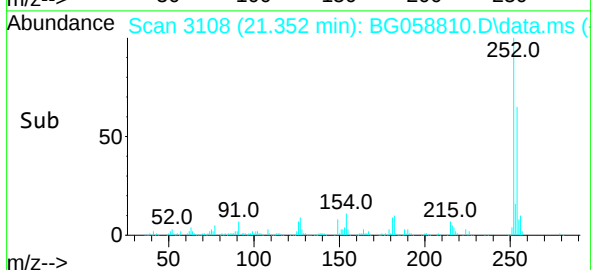
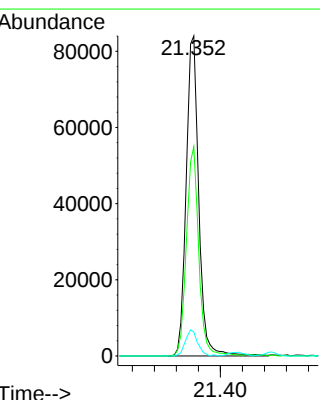
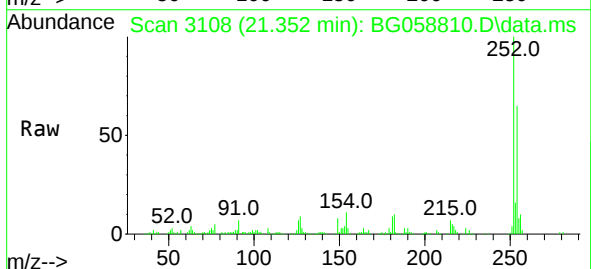
Tgt Ion:252 Resp: 133649

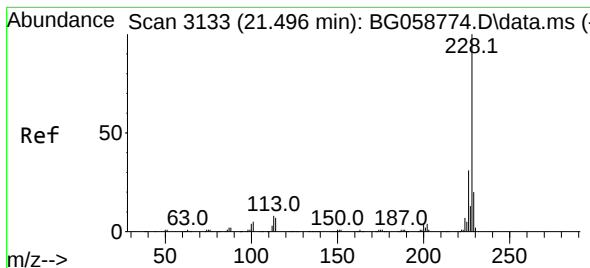
Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.6

126 7.5 6.6 9.8





#83

Chrysene

Concen: 38.252 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS

Tgt Ion:228 Resp: 44085

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

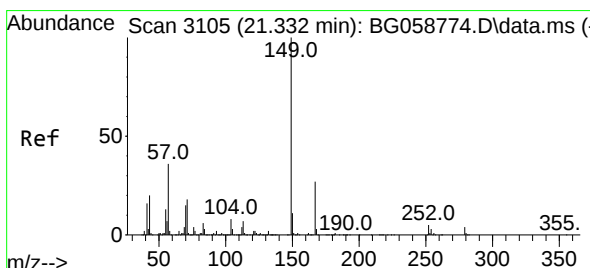
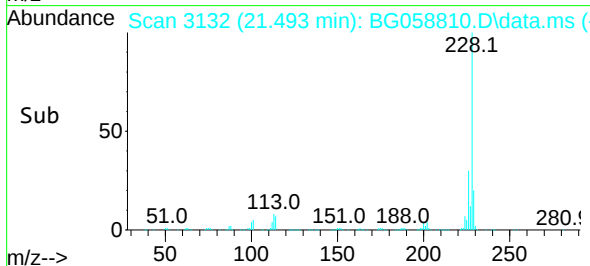
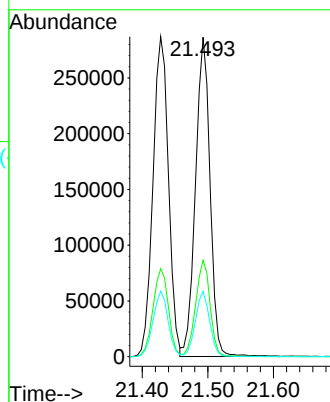
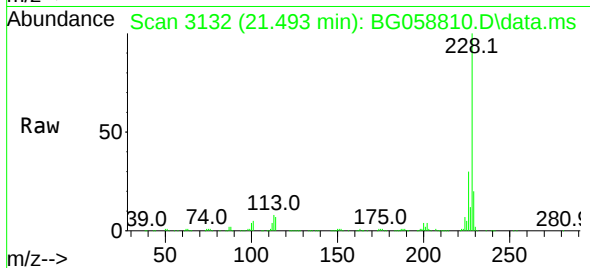
229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.056 ng

RT: 21.328 min Scan# 3104

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

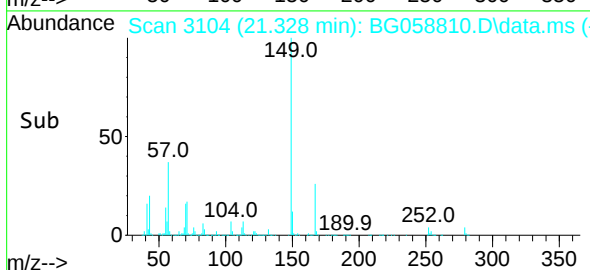
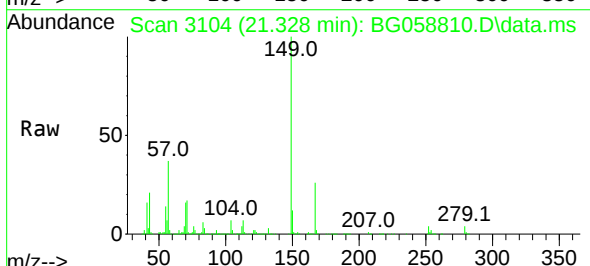
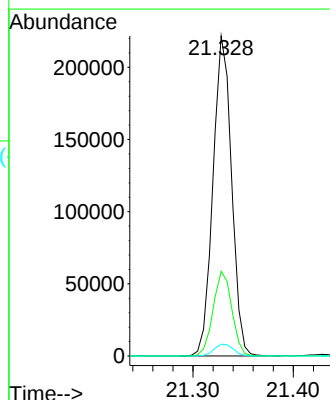
Tgt Ion:149 Resp: 285170

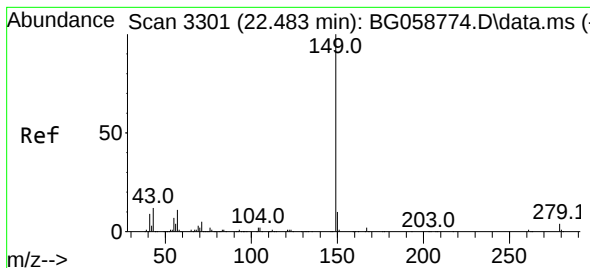
Ion Ratio Lower Upper

149 100

167 26.4 21.7 32.5

279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.712 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG058810.D

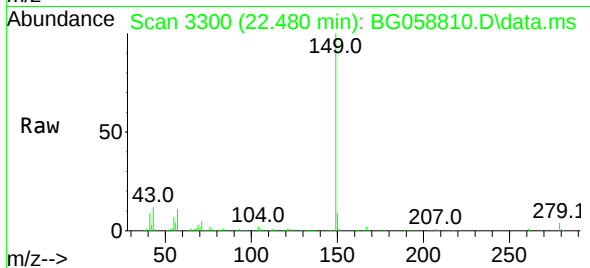
Acq: 22 Aug 2023 16:25

Instrument :

BNA_G

ClientSampleId :

TP-LMS



Tgt Ion:149 Resp: 498529

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

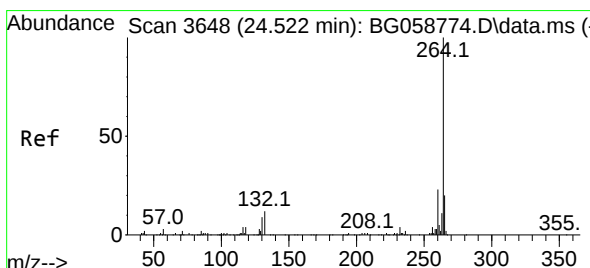
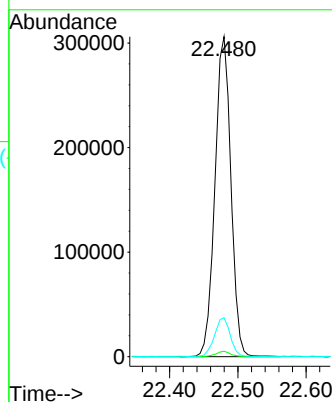
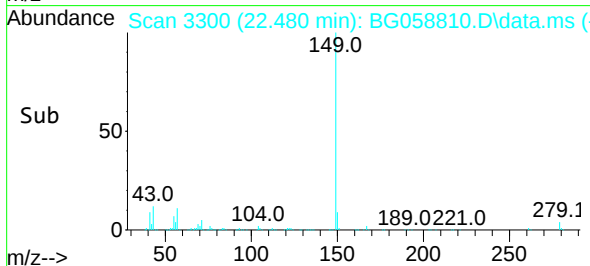
43 11.9 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.518 min Scan# 3647

Delta R.T. -0.004 min

Lab File: BG058810.D

Acq: 22 Aug 2023 16:25

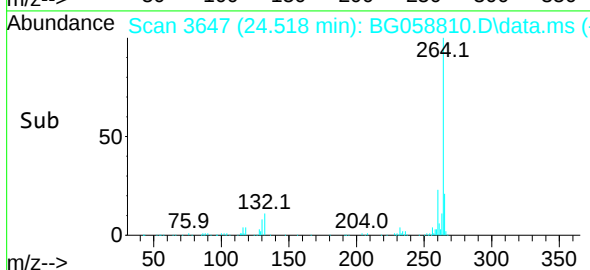
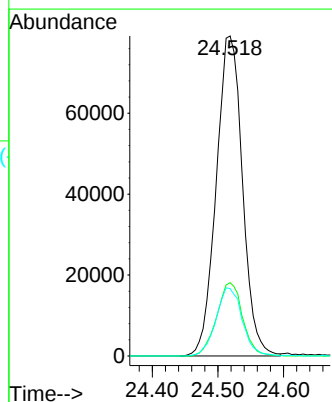
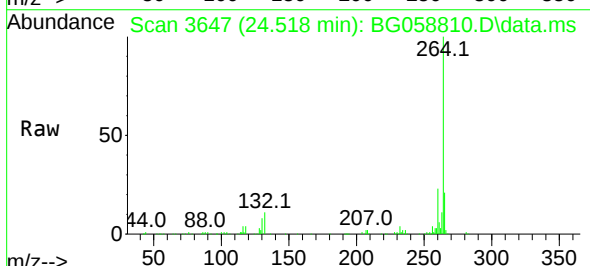
Tgt Ion:264 Resp: 219402

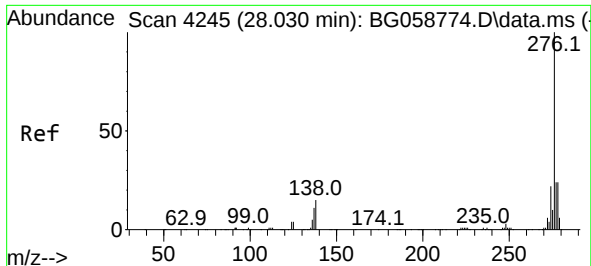
Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

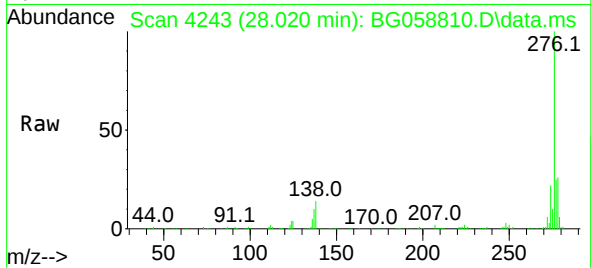
265 21.1 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.469 ng
 RT: 28.020 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: BG058810.D
 Acq: 22 Aug 2023 16:25

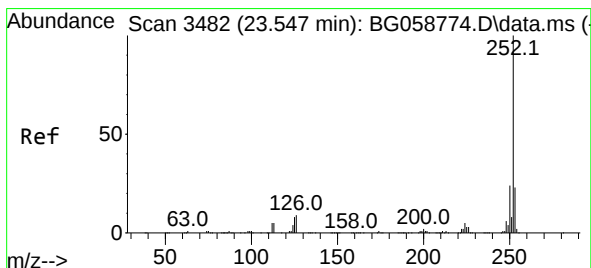
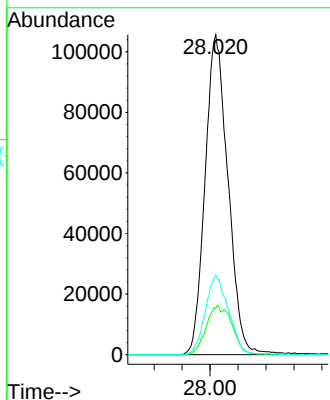
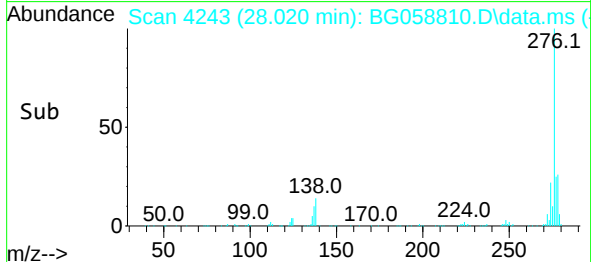
Instrument :
 BNA_G
 ClientSampleId :
 TP-LMS



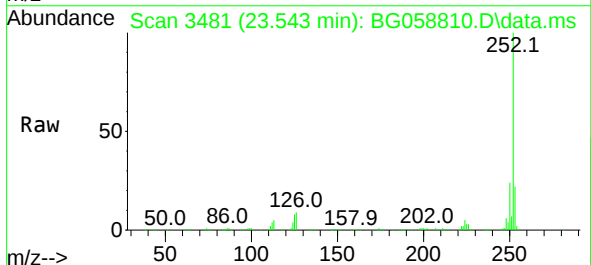
Tgt Ion:276 Resp: 60072
 Ion Ratio Lower Upper
 276 100
 138 10.5 6.2 9.2
 277 25.2 20.4 30.6

Manual Integrations
 APPROVED

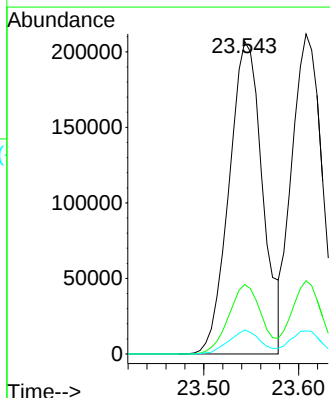
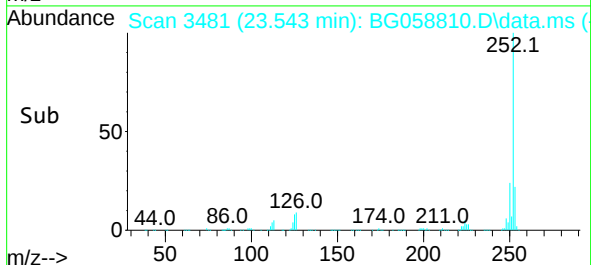
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

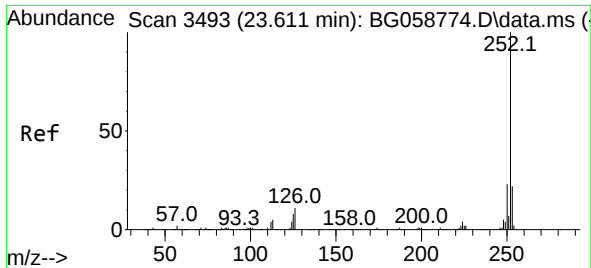


#88
 Benzo(b)fluoranthene
 Concen: 41.786 ng
 RT: 23.543 min Scan# 3481
 Delta R.T. -0.004 min
 Lab File: BG058810.D
 Acq: 22 Aug 2023 16:25



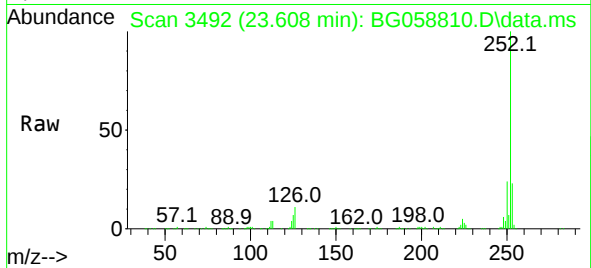
Tgt Ion:252 Resp: 508687
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.4 27.6
 125 7.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 37.947 ng
RT: 23.608 min Scan# 3492
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

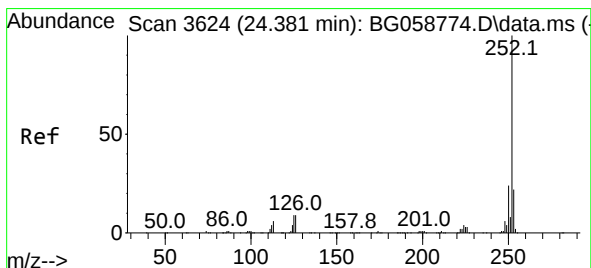
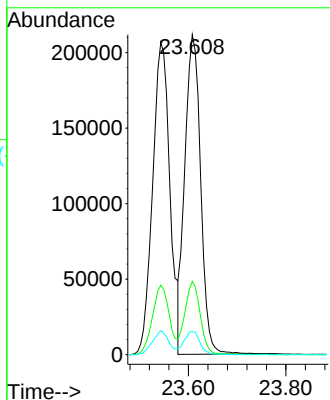
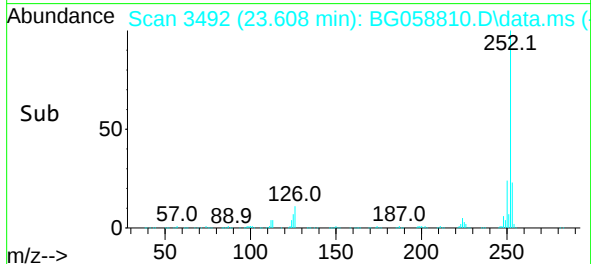
Instrument :
BNA_G
ClientSampleId :
TP-LMS



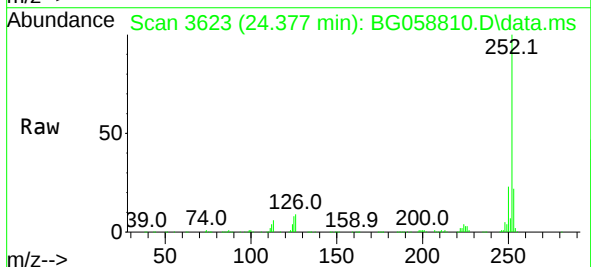
Tgt Ion:252 Resp: 476409
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 7.2 6.3 9.5

Manual Integrations
APPROVED

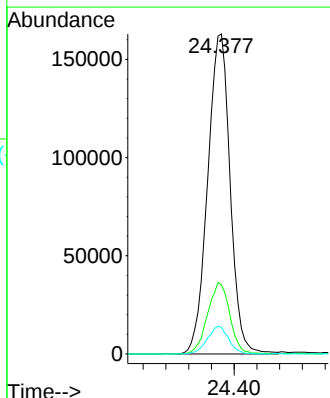
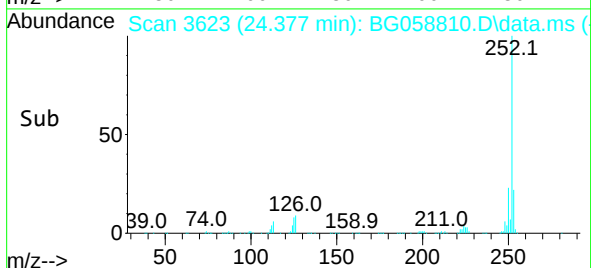
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

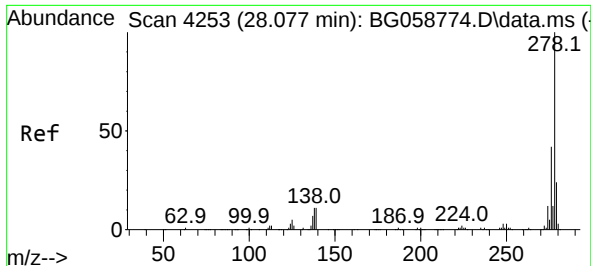


#90
Benzo(a)pyrene
Concen: 37.285 ng
RT: 24.377 min Scan# 3623
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25



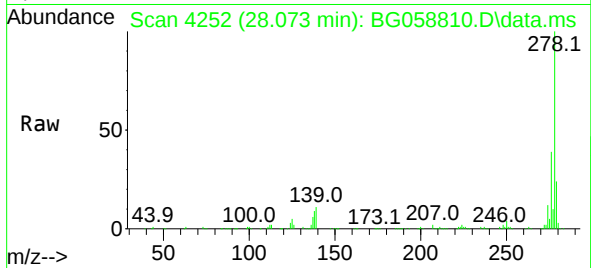
Tgt Ion:252 Resp: 446918
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.4 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 40.291 ng
RT: 28.073 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

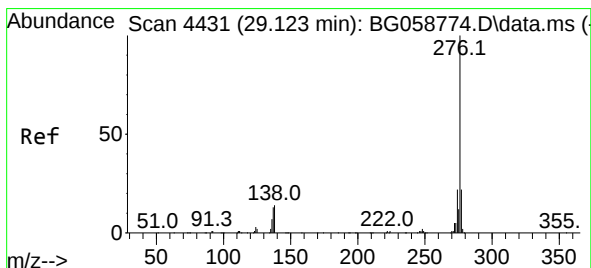
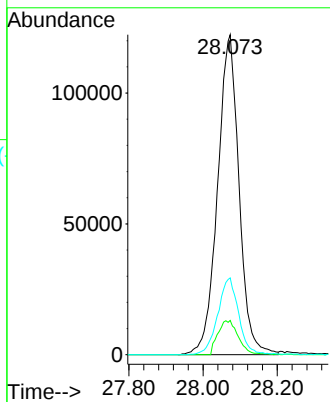
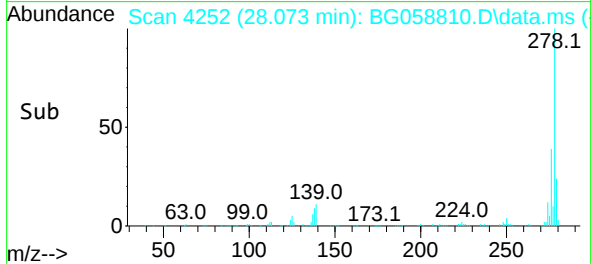
Instrument :
BNA_G
ClientSampleId :
TP-LMS



Tgt Ion:278 Resp: 49144
Ion Ratio Lower Upper
278 100
139 10.7 8.9 13.3
279 24.0 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.695 ng
RT: 29.113 min Scan# 4429
Delta R.T. -0.010 min
Lab File: BG058810.D
Acq: 22 Aug 2023 16:25

Tgt Ion:276 Resp: 484088
Ion Ratio Lower Upper
276 100
277 23.9 17.8 26.6
138 14.0 11.1 16.7

