

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058782.D
 Acq On : 18 Aug 2023 18:51
 Operator : MA/JU
 Sample : PB154929BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154929BSD

Quant Time: Aug 21 02:14:04 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 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	18423	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	78428	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	56136	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	143012	20.000	ng	0.00
76) Chrysene-d12	21.449	240	126137	20.000	ng	0.00
86) Perylene-d12	24.522	264	154064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	214185	187.092	ng	0.00
7) Phenol-d6	6.984	99	287123	178.760	ng	0.00
23) Nitrobenzene-d5	8.975	82	174662	107.071	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	152253	172.975	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	410841	106.447	ng	0.00
79) Terphenyl-d14	19.827	244	808306	115.064	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	24418	45.367	ng	98
3) Pyridine	3.658	79	62566	43.989	ng	92
4) n-Nitrosodimethylamine	3.582	42	43351	56.064	ng	# 93
6) Aniline	7.136	93	90844	46.268	ng	99
8) 2-Chlorophenol	7.377	128	77853	67.258	ng	98
9) Benzaldehyde	6.948	77	35643m	39.561	ng	
10) Phenol	7.013	94	103746	66.984	ng	97
11) bis(2-Chloroethyl)ether	7.230	93	71723	59.348	ng	99
12) 1,3-Dichlorobenzene	7.694	146	76132	61.920	ng	99
13) 1,4-Dichlorobenzene	7.841	146	76754	61.733	ng	96
14) 1,2-Dichlorobenzene	8.159	146	75259	62.627	ng	99
15) Benzyl Alcohol	8.053	79	75689	65.909	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	155263	60.284	ng	97
17) 2-Methylphenol	8.259	107	71449	62.809	ng	95
18) Hexachloroethane	8.887	117	28020	61.854	ng	96
19) n-Nitroso-di-n-propyla...	8.617	70	59832	57.627	ng	99
20) 3+4-Methylphenols	8.588	107	97056	63.461	ng	98
22) Acetophenone	8.635	105	119001	56.053	ng	# 99
24) Nitrobenzene	9.016	77	91718	56.530	ng	95
25) Isophorone	9.534	82	176493	54.405	ng	99
26) 2-Nitrophenol	9.727	139	41067	60.521	ng	98
27) 2,4-Dimethylphenol	9.786	122	69489	60.425	ng	99
28) bis(2-Chloroethoxy)met...	10.021	93	97716	56.866	ng	99
29) 2,4-Dichlorophenol	10.268	162	74476	63.023	ng	95
30) 1,2,4-Trichlorobenzene	10.474	180	82424	57.760	ng	98
31) Naphthalene	10.662	128	228676	55.531	ng	100
32) Benzoic acid	9.962	122	40086m	55.817	ng	
33) 4-Chloroaniline	10.779	127	65882	37.935	ng	95
34) Hexachlorobutadiene	10.938	225	54694	56.789	ng	98
35) Caprolactam	11.561	113	27691m	65.393	ng	
36) 4-Chloro-3-methylphenol	11.913	107	91656	62.369	ng	96
37) 2-Methylnaphthalene	12.277	142	160413	54.237	ng	100
38) 1-Methylnaphthalene	12.495	142	154426	55.004	ng	98
40) 1,2,4,5-Tetrachloroben...	12.648	216	97795	56.509	ng	98
41) Hexachlorocyclopentadiene	12.618	237	88621	124.651	ng	96
43) 2,4,6-Trichlorophenol	12.894	196	68580	62.279	ng	95

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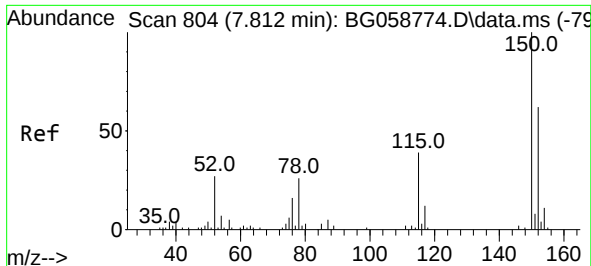
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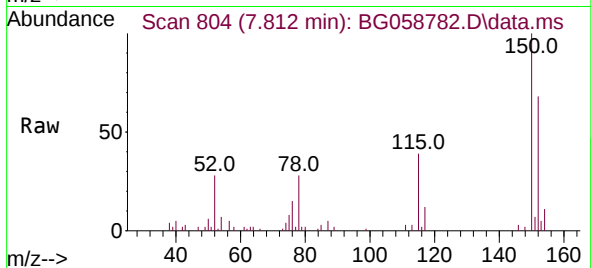
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	77206	58.549	ng	99
46) 1,1'-Biphenyl	13.288	154	215406	55.702	ng	99
47) 2-Chloronaphthalene	13.335	162	172569	57.263	ng	98
48) 2-Nitroaniline	13.546	65	67950	59.368	ng	95
49) Acenaphthylene	14.181	152	290021	58.032	ng	98
50) Dimethylphthalate	13.917	163	248867	57.257	ng	99
51) 2,6-Dinitrotoluene	14.040	165	55340	60.604	ng	94
52) Acenaphthene	14.522	154	164111	56.193	ng	99
53) 3-Nitroaniline	14.375	138	39366	44.698	ng	# 95
54) 2,4-Dinitrophenol	14.592	184	61741	117.449	ng	96
55) Dibenzofuran	14.857	168	280861	55.751	ng	99
56) 4-Nitrophenol	14.698	139	79756	122.662	ng	98
57) 2,4-Dinitrotoluene	14.833	165	80940	63.551	ng	# 96
58) Fluorene	15.509	166	231611	57.769	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	71456	66.405	ng	94
60) Diethylphthalate	15.280	149	262070	58.480	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	127834	57.525	ng	99
62) 4-Nitroaniline	15.544	138	56439	63.147	ng	99
63) Azobenzene	15.791	77	235804	57.305	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	48631	60.159	ng	97
66) n-Nitrosodiphenylamine	15.720	169	210614	57.140	ng	98
67) 4-Bromophenyl-phenylether	16.390	248	87546	55.785	ng	99
68) Hexachlorobenzene	16.514	284	98771	58.478	ng	98
69) Atrazine	16.666	200	91370	70.044	ng	98
70) Pentachlorophenol	16.860	266	94023	106.160	ng	95
71) Phenanthrene	17.248	178	397417	57.885	ng	100
72) Anthracene	17.336	178	405847	58.939	ng	100
73) Carbazole	17.612	167	380058	60.273	ng	99
74) Di-n-butylphthalate	18.165	149	467761	58.805	ng	99
75) Fluoranthene	19.263	202	486259	57.113	ng	99
77) Benzidine	19.451	184	215825	95.472	ng	99
78) Pyrene	19.628	202	505211	57.483	ng	99
80) Butylbenzylphthalate	20.515	149	207786	58.294	ng	99
81) Benzo(a)anthracene	21.431	228	508508	57.914	ng	98
82) 3,3'-Dichlorobenzidine	21.355	252	144304	47.604	ng	98
83) Chrysene	21.496	228	478315	56.517	ng	98
84) Bis(2-ethylhexyl)phtha...	21.331	149	302576	57.878	ng	99
85) Di-n-octyl phthalate	22.483	149	527957	58.715	ng	99
87) Indeno(1,2,3-cd)pyrene	28.029	276	639633	61.365	ng	# 93
88) Benzo(b)fluoranthene	23.547	252	543631	63.595	ng	99
89) Benzo(k)fluoranthene	23.611	252	511643	58.037	ng	99
90) Benzo(a)pyrene	24.381	252	477608	56.743	ng	100
91) Dibenzo(a,h)anthracene	28.076	278	527335	61.568	ng	99
92) Benzo(g,h,i)perylene	29.134	276	514886	60.126	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

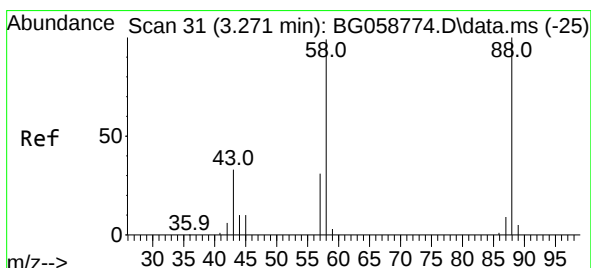
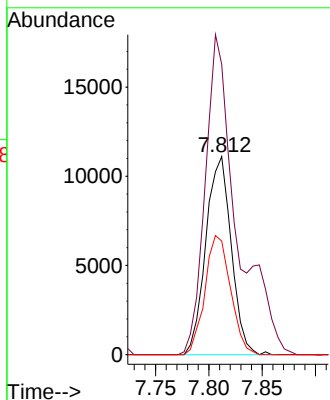
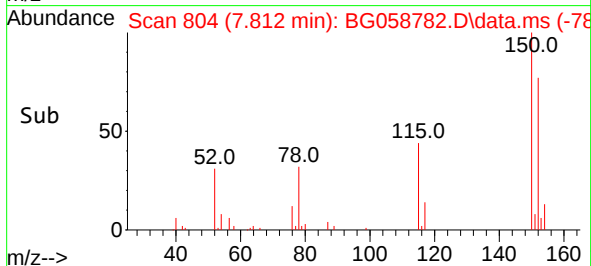
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



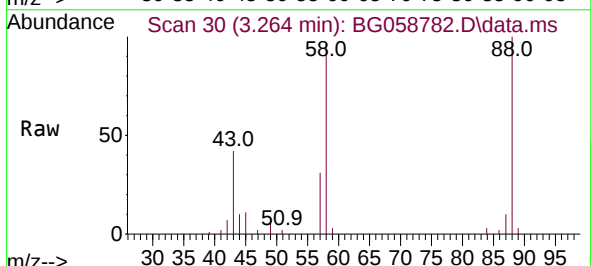
Tgt Ion:152 Resp: 18423
Ion Ratio Lower Upper
152 100
150 146.5 128.6 192.8
115 57.3 50.4 75.6

Manual Integrations
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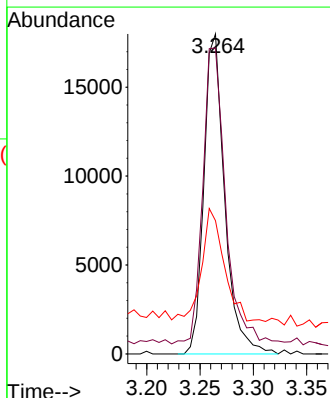
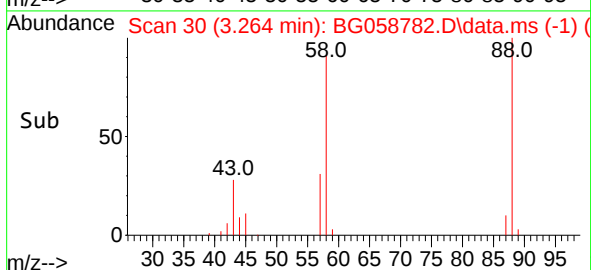
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

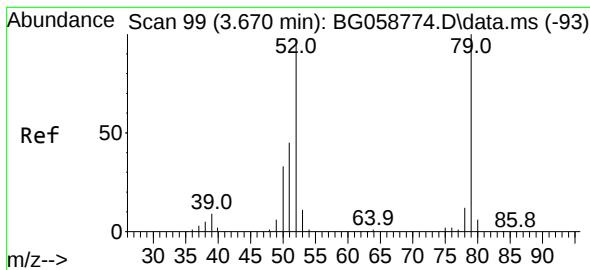


#2
1,4-Dioxane
Concen: 45.367 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion: 88 Resp: 24418
Ion Ratio Lower Upper
88 100
58 101.3 82.8 124.2
43 35.7 30.1 45.1





#3

Pyridine

Concen: 43.989 ng

RT: 3.658 min Scan# 91

Delta R.T. -0.012 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

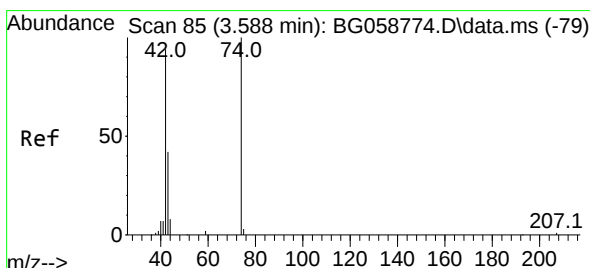
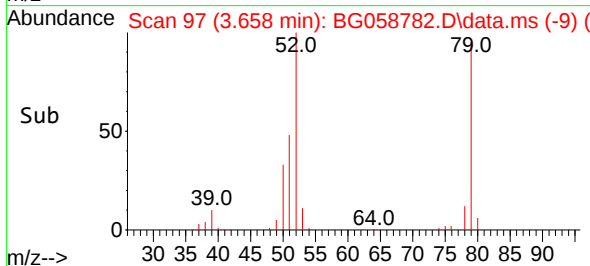
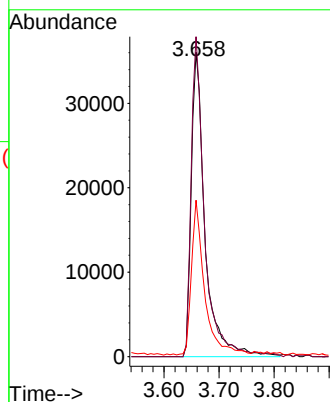
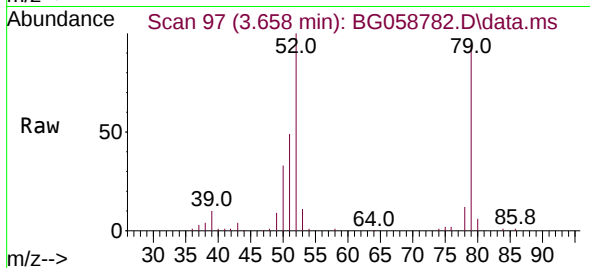
Tgt Ion:	79	Resp:	62566
Ion	Ratio	Lower	Upper
79	100		
52	105.1	77.6	116.4
51	51.4	37.5	56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 56.064 ng

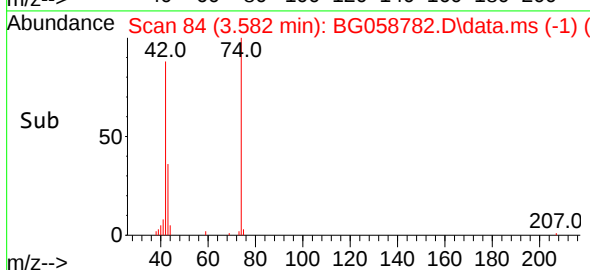
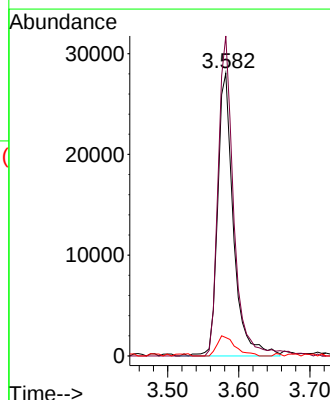
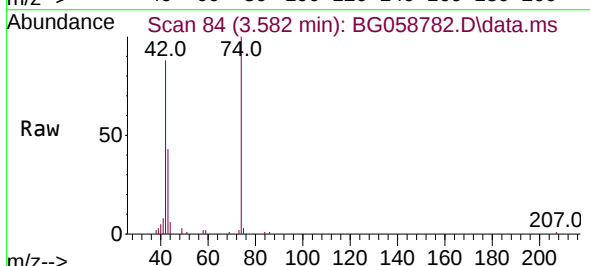
RT: 3.582 min Scan# 84

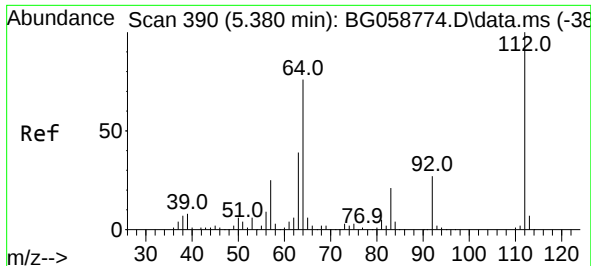
Delta R.T. -0.006 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Tgt Ion:	42	Resp:	43351
Ion	Ratio	Lower	Upper
42	100		
74	113.2	85.1	127.7
44	6.5	6.9	10.3





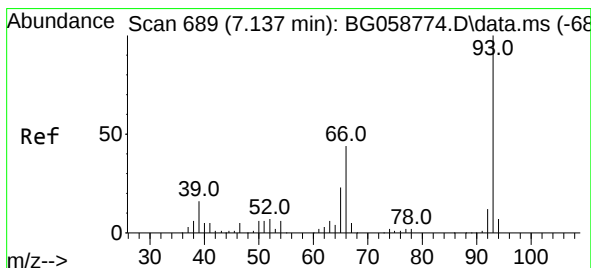
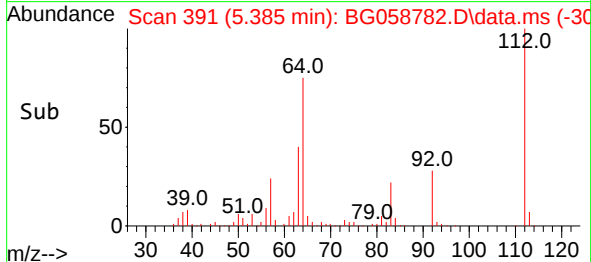
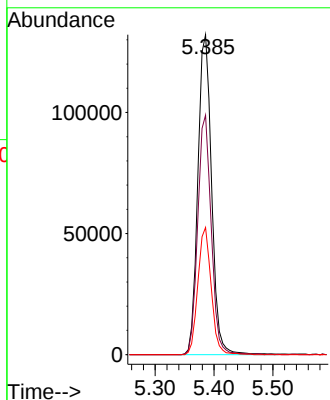
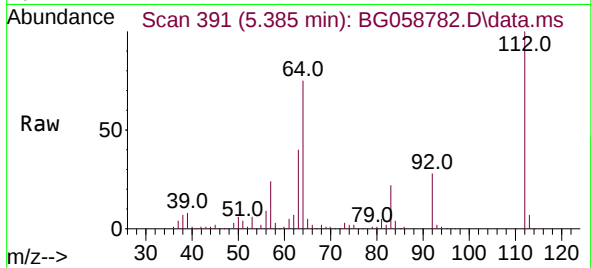
#5
2-Fluorophenol
Concen: 187.092 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :
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ClientSampleId :
PB154929BSD

Tgt Ion:112 Resp: 214185
Ion Ratio Lower Upper
112 100
64 74.8 60.6 90.8
63 39.7 31.0 46.4

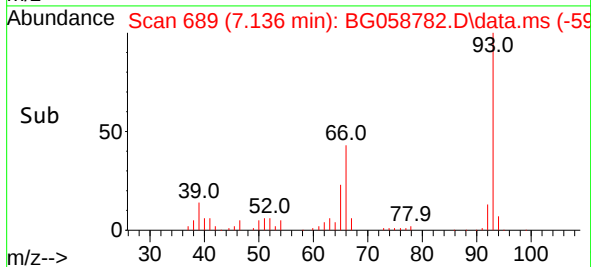
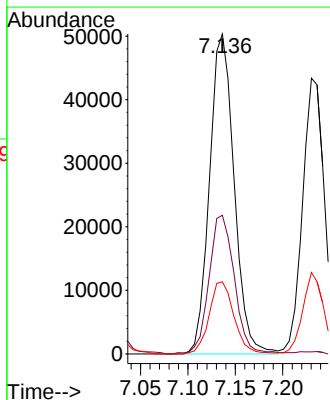
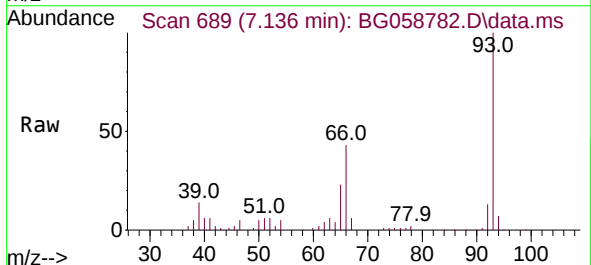
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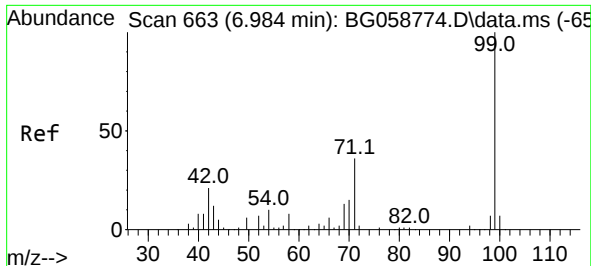
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#6
Aniline
Concen: 46.268 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

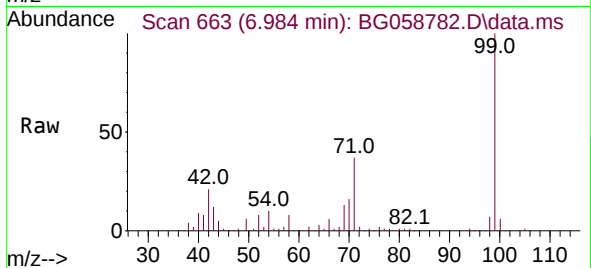
Tgt Ion: 93 Resp: 90844
Ion Ratio Lower Upper
93 100
66 43.3 35.7 53.5
65 22.5 18.2 27.2





#7
Phenol-d6
Concen: 178.760 ng
RT: 6.984 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

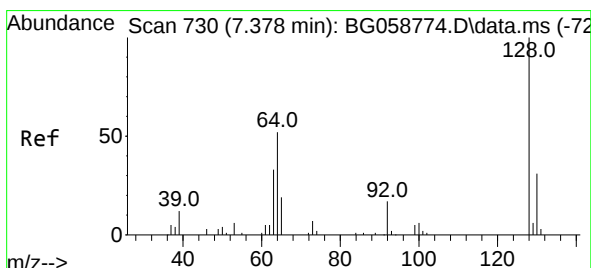
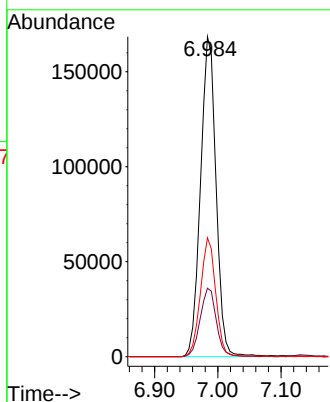
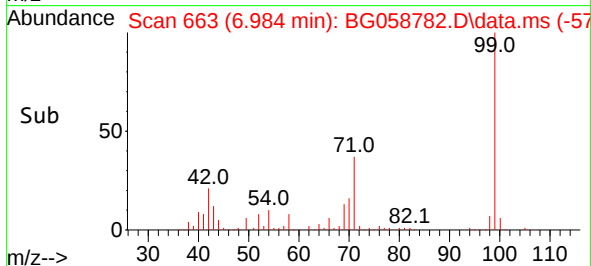
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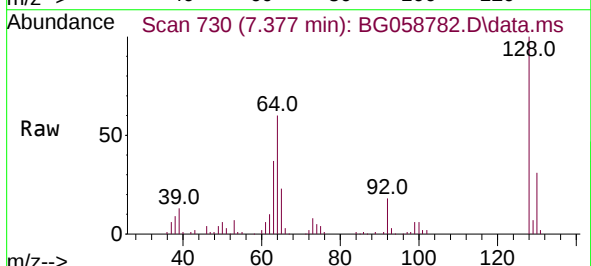
Tgt Ion: 99 Resp: 287123
Ion Ratio Lower Upper
99 100
42 21.4 16.5 24.7
71 37.1 28.4 42.6

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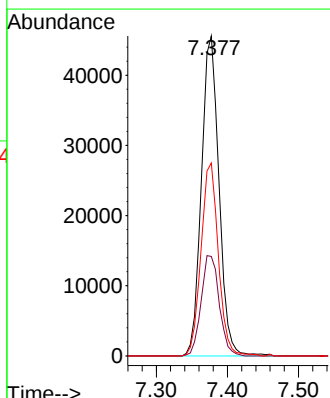
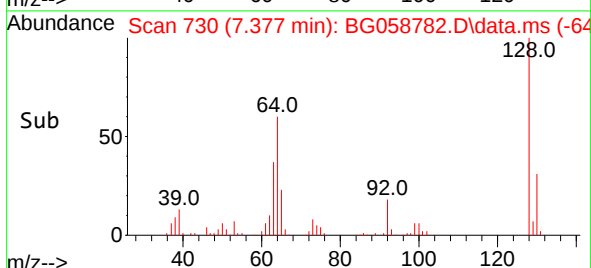
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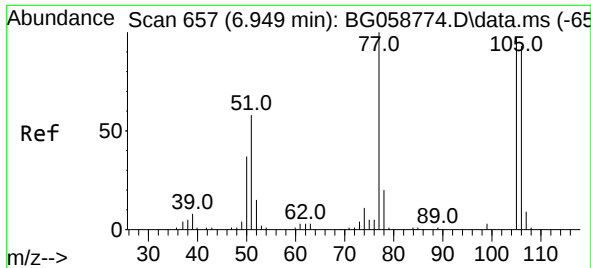


#8
2-Chlorophenol
Concen: 67.258 ng
RT: 7.377 min Scan# 730
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



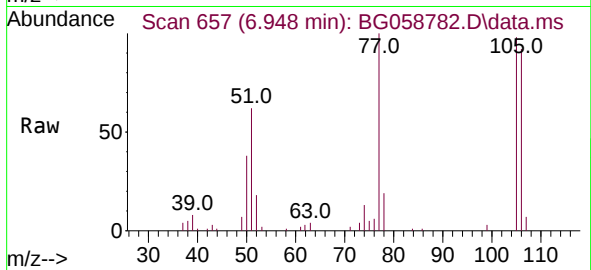
Tgt Ion:128 Resp: 77853
Ion Ratio Lower Upper
128 100
130 31.1 10.9 50.9
64 60.3 38.4 78.4





#9
Benzaldehyde
Concen: 39.561 ng m
RT: 6.948 min Scan# 657
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

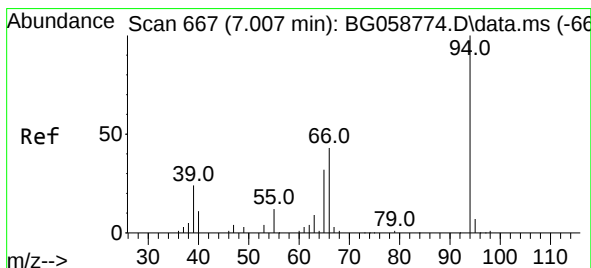
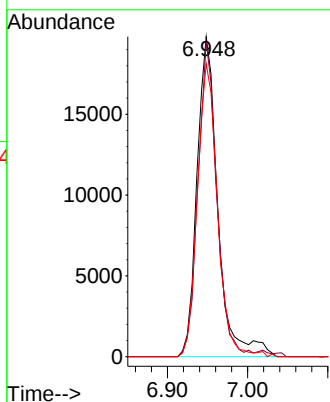
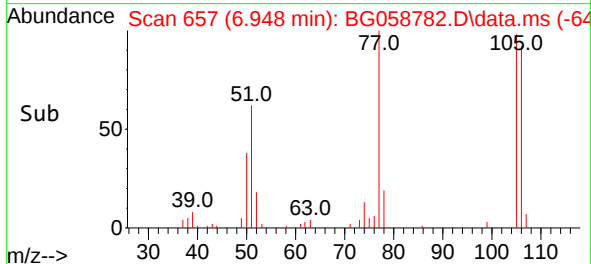
Instrument :
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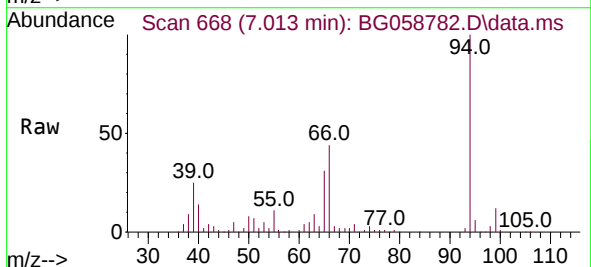
Tgt Ion: 77 Resp: 35643
Ion Ratio Lower Upper
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105 98.3 76.7 116.7
106 91.5 73.4 113.4

Manual Integrations
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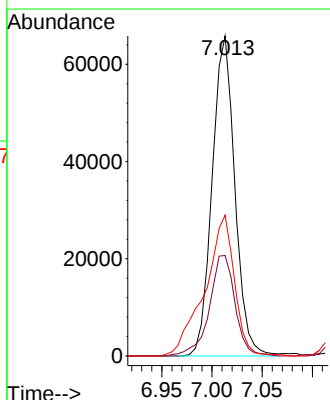
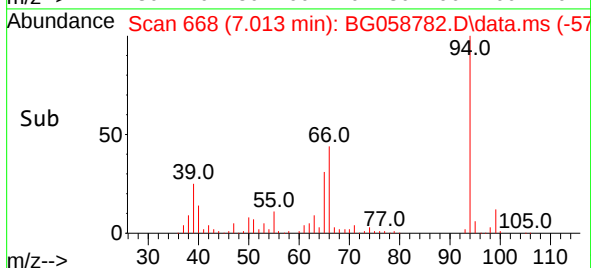
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

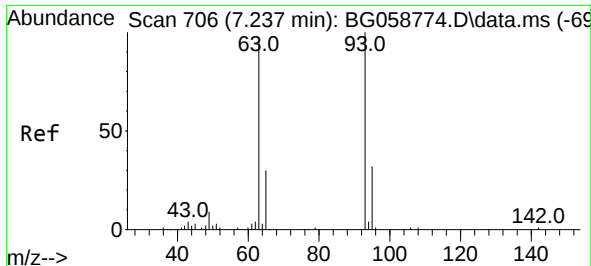


#10
Phenol
Concen: 66.984 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion: 94 Resp: 103746
Ion Ratio Lower Upper
94 100
65 31.4 12.6 52.6
66 44.0 26.6 66.6





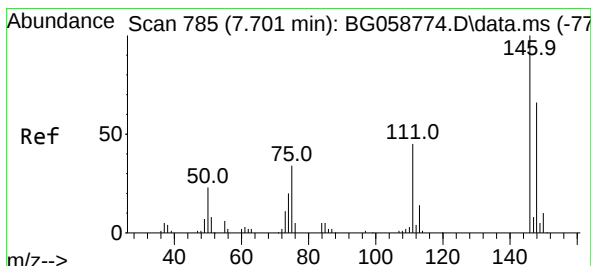
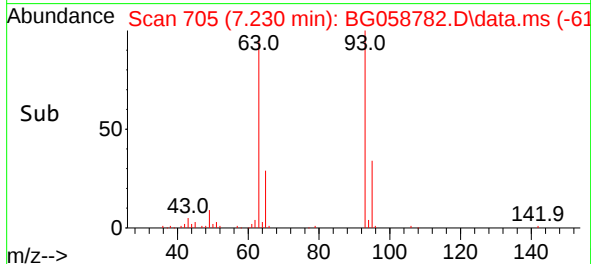
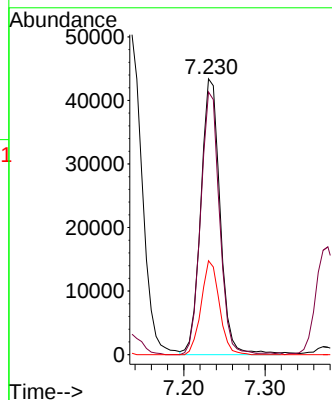
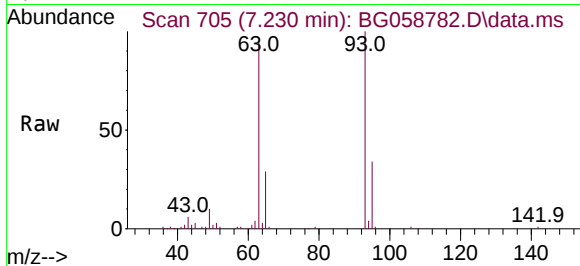
#11
bis(2-Chloroethyl)ether
Concen: 59.348 ng
RT: 7.230 min Scan# 706
Delta R.T. -0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :
BNA_G
Client SampleId :
PB154929BSD

Tgt Ion: 93 Resp: 71723
Ion Ratio Lower Upper
93 100
63 95.2 74.8 114.8
95 34.0 12.1 52.1

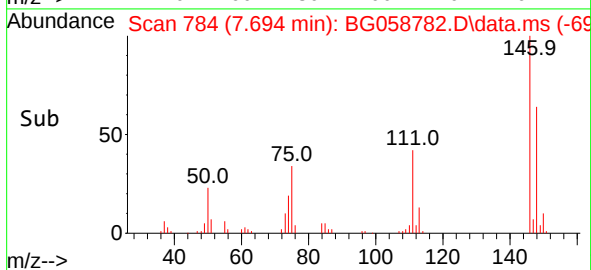
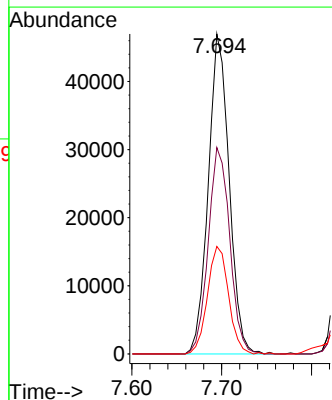
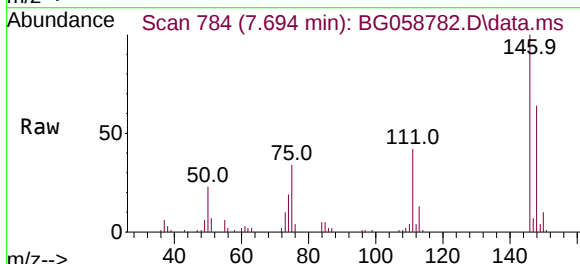
Manual Integrations
APPROVED

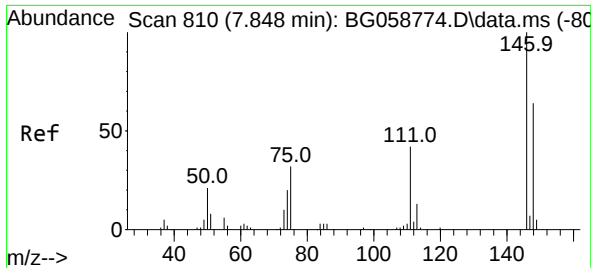
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
1,3-Dichlorobenzene
Concen: 61.920 ng
RT: 7.694 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:146 Resp: 76132
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
75 33.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 61.733 ng

RT: 7.841 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

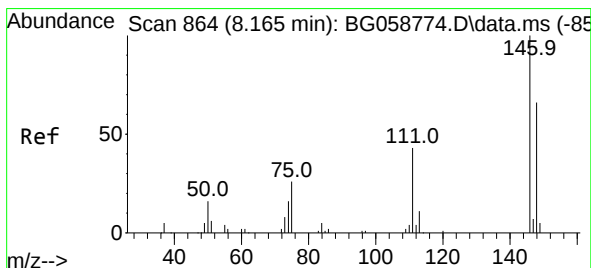
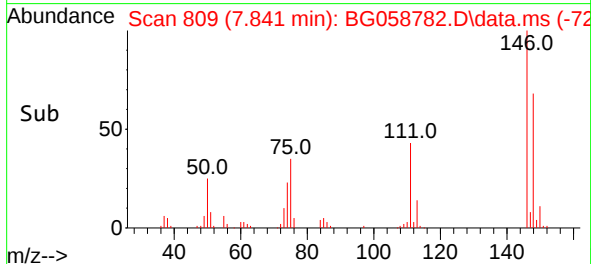
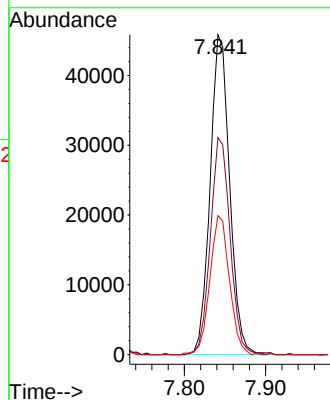
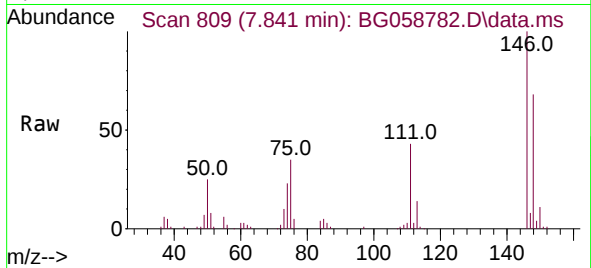
PB154929BSD

Tgt Ion:146 Resp: 76754
 Ion Ratio Lower Upper
 146 100
 148 67.8 51.3 76.9
 111 43.5 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#14

1,2-Dichlorobenzene

Concen: 62.627 ng

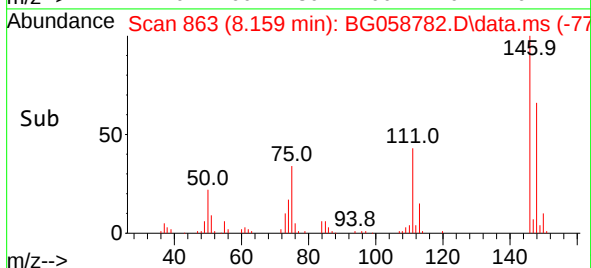
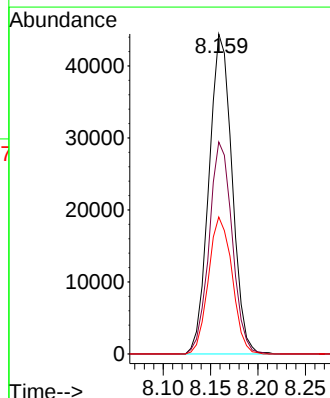
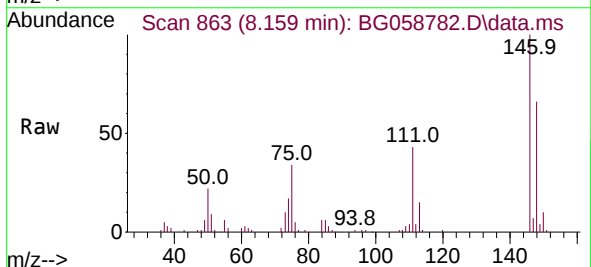
RT: 8.159 min Scan# 863

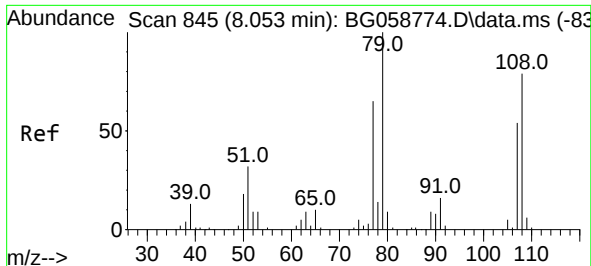
Delta R.T. -0.006 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Tgt Ion:146 Resp: 75259
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.9 79.3
 111 42.8 35.5 53.3





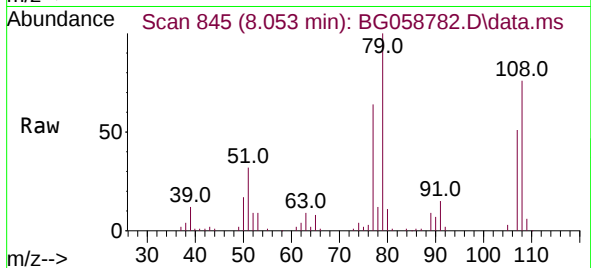
#15
Benzyl Alcohol
Concen: 65.909 ng
RT: 8.053 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

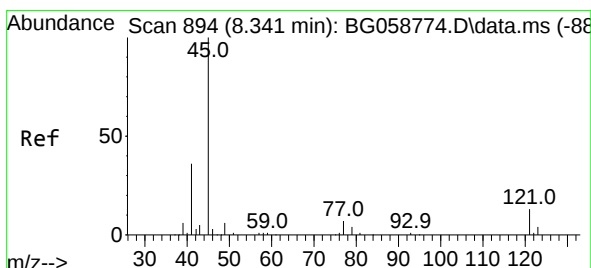
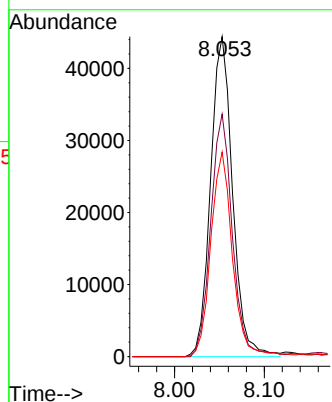
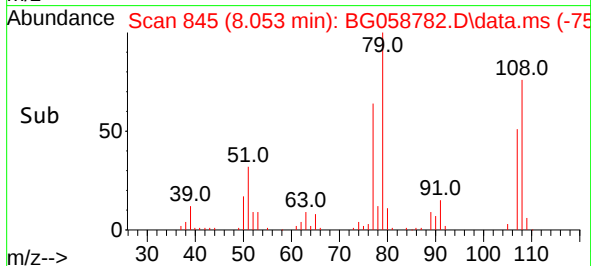
PB154929BSD



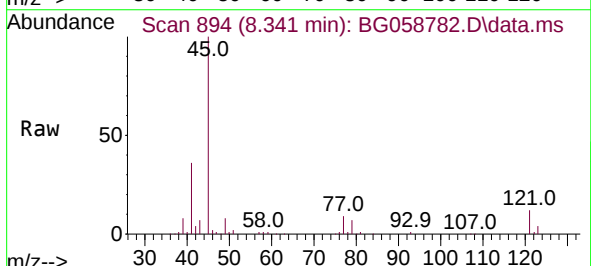
Tgt Ion: 79 Resp: 75689
Ion Ratio Lower Upper
79 100
108 75.8 63.4 95.0
77 63.9 52.2 78.2

Manual Integrations
APPROVED

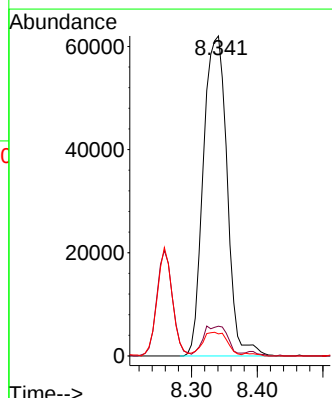
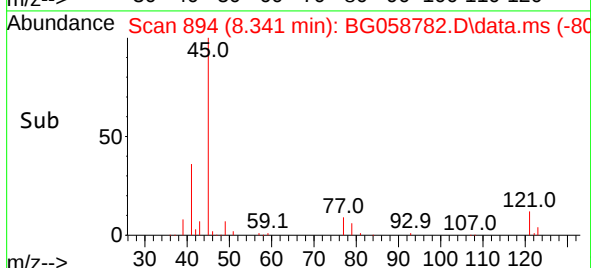
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

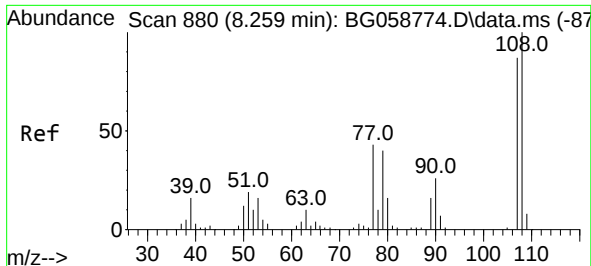


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.284 ng
RT: 8.341 min Scan# 894
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion: 45 Resp: 155263
Ion Ratio Lower Upper
45 100
77 9.3 0.0 30.3
79 6.9 0.0 27.7





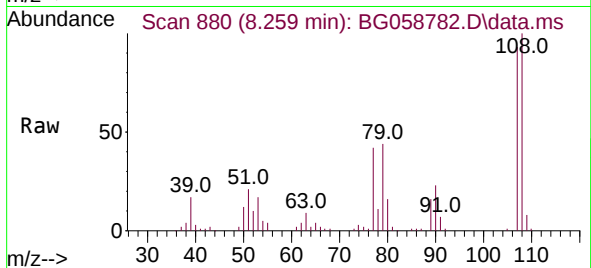
#17
2-Methylphenol
Concen: 62.809 ng
RT: 8.259 min Scan# 880
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

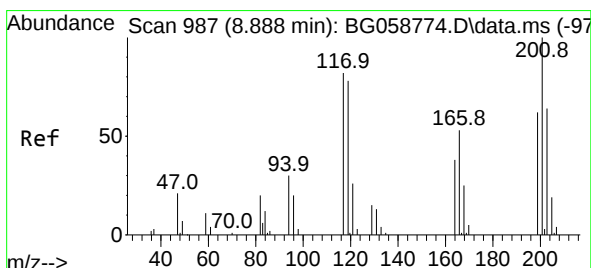
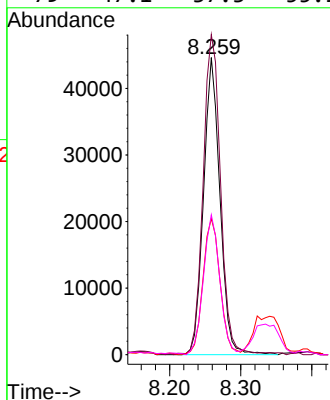
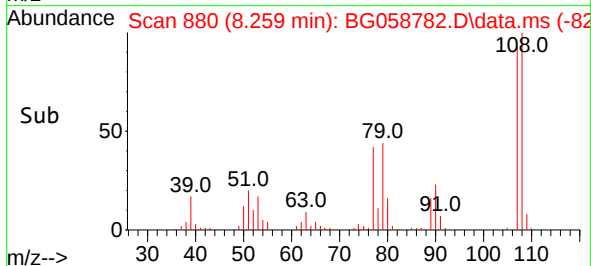


Tgt Ion:107 Resp: 71449
Ion Ratio Lower Upper
107 100
108 107.7 92.2 138.2
77 45.7 40.0 60.0
79 47.1 37.3 55.9

Manual Integrations

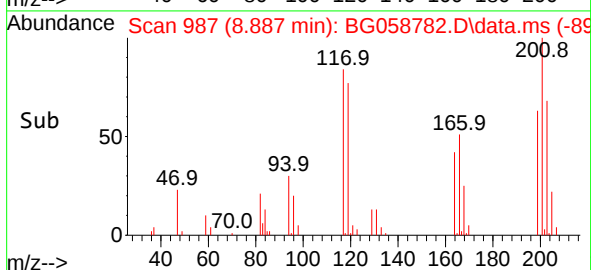
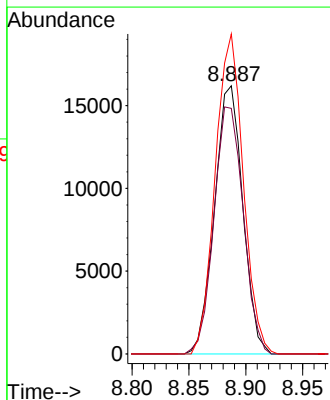
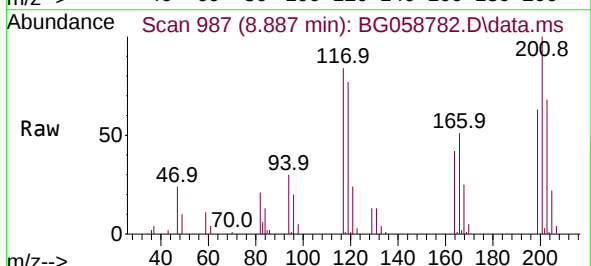
APPROVED

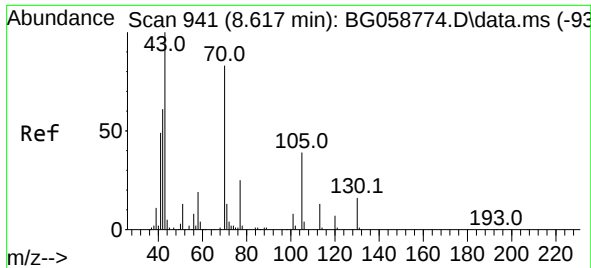
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#18
Hexachloroethane
Concen: 61.854 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

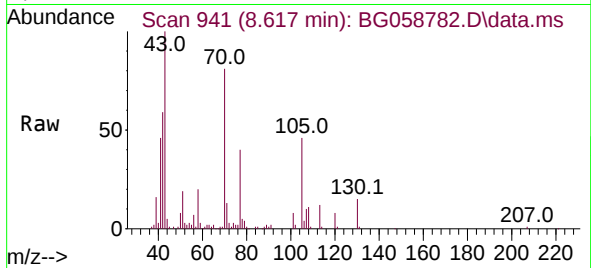
Tgt Ion:117 Resp: 28020
Ion Ratio Lower Upper
117 100
119 90.3 76.6 115.0
201 117.7 97.0 145.6





#19
n-Nitroso-di-n-propylamine
Concen: 57.627 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

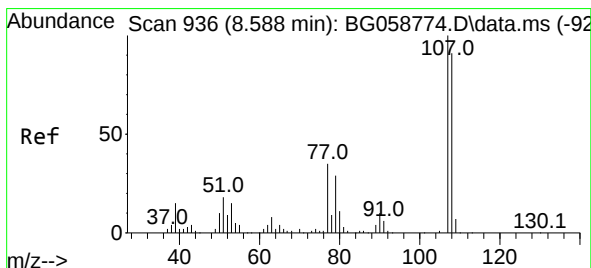
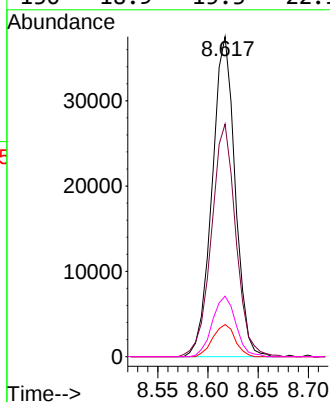
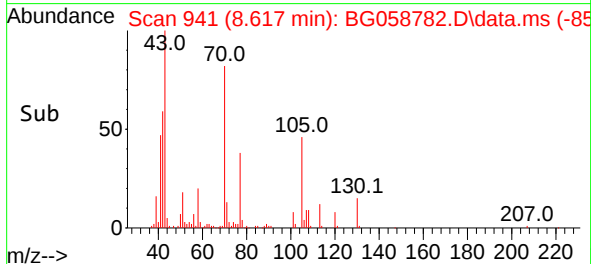
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion:	70	Resp:	59832
Ion Ratio	100	Lower	Upper
70	100		
42	72.7	59.2	88.8
101	10.0	8.2	12.2
130	18.9	15.3	22.9

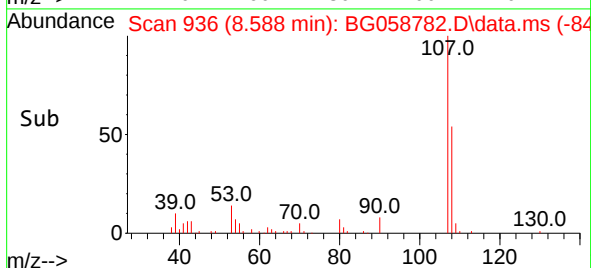
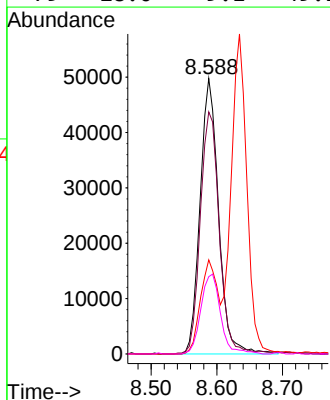
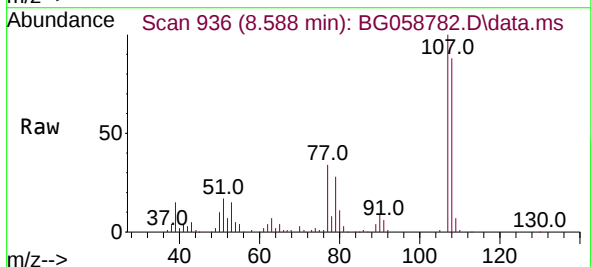
Manual Integrations
APPROVED

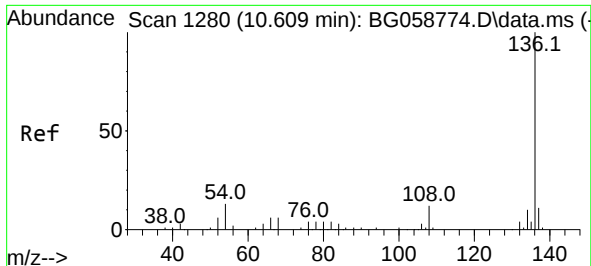
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
3+4-Methylphenols
Concen: 63.461 ng
RT: 8.588 min Scan# 936
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:	107	Resp:	97056
Ion Ratio	100	Lower	Upper
107	100		
108	87.8	70.6	110.6
77	34.1	14.8	54.8
79	28.0	9.1	49.1





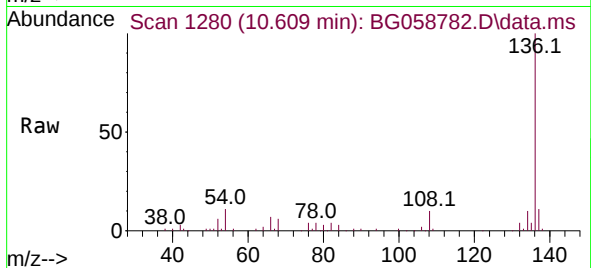
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

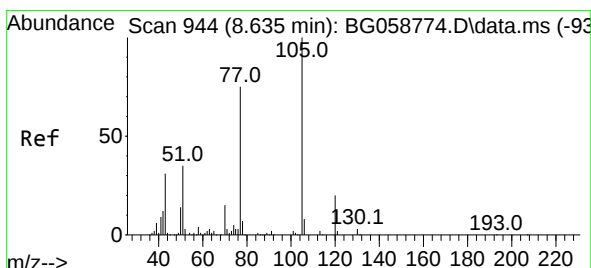
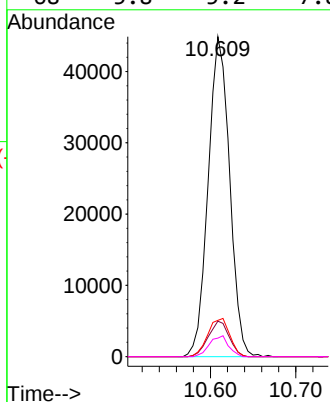
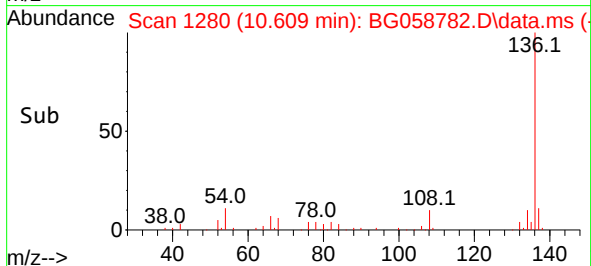


Tgt Ion:136 Resp: 78428
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.3 10.1 15.1
68 5.8 5.2 7.8

Manual Integrations

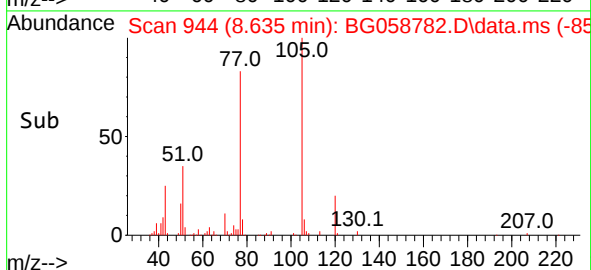
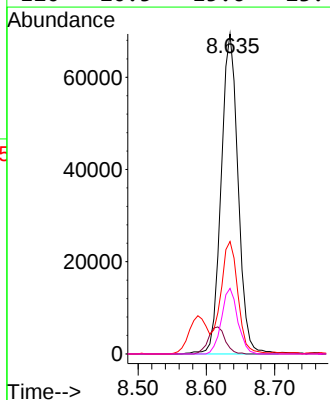
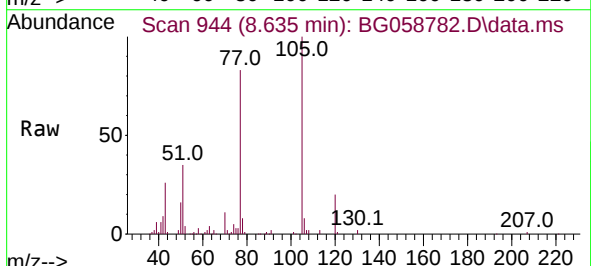
APPROVED

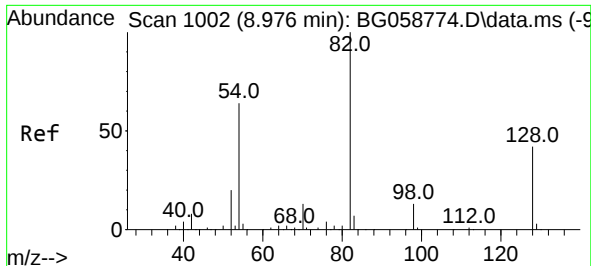
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Acetophenone
Concen: 56.053 ng
RT: 8.635 min Scan# 944
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:105 Resp: 119001
Ion Ratio Lower Upper
105 100
71 1.8 2.2 3.2#
51 35.1 28.5 42.7
120 20.5 15.6 23.4





#23

Nitrobenzene-d5

Concen: 107.071 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BG058782.D

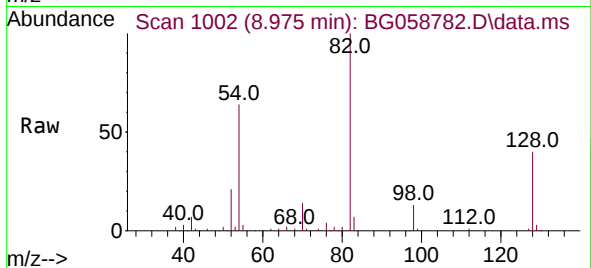
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD



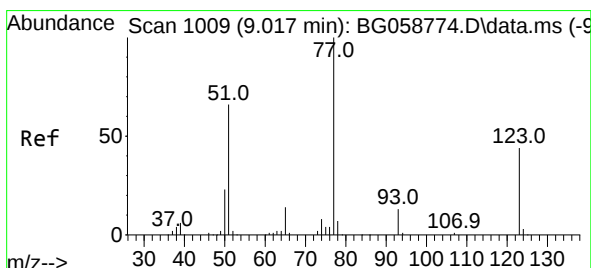
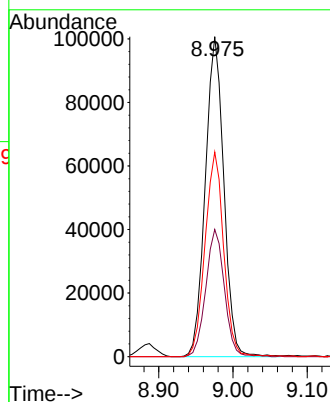
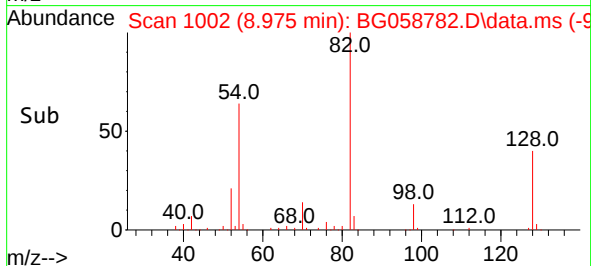
Tgt Ion:	82	Resp:	174662
Ion Ratio	Lower	Upper	
82	100		
128	39.7	33.2	49.8
54	63.9	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#24

Nitrobenzene

Concen: 56.530 ng

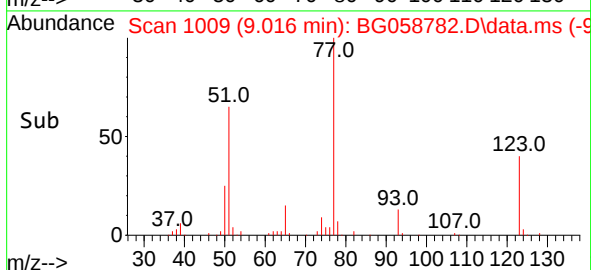
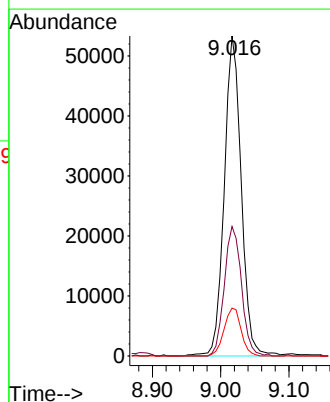
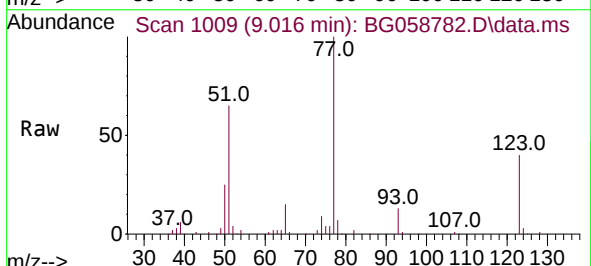
RT: 9.016 min Scan# 1009

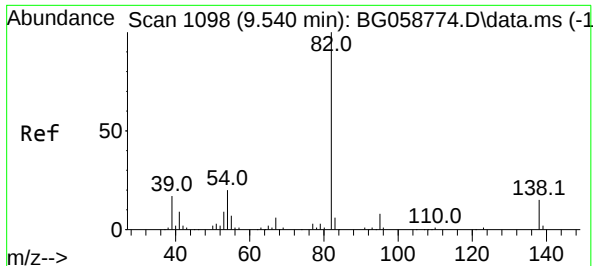
Delta R.T. -0.000 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

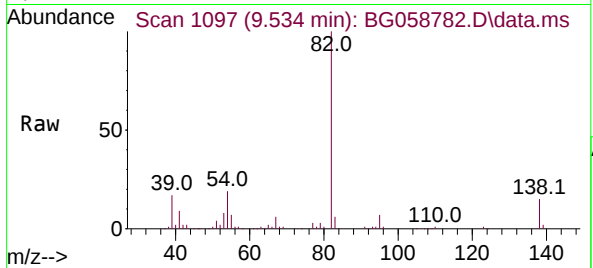
Tgt Ion:	77	Resp:	91718
Ion Ratio	Lower	Upper	
77	100		
123	40.4	34.9	52.3
65	14.9	10.9	16.3





#25
Isophorone
Concen: 54.405 ng
RT: 9.534 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

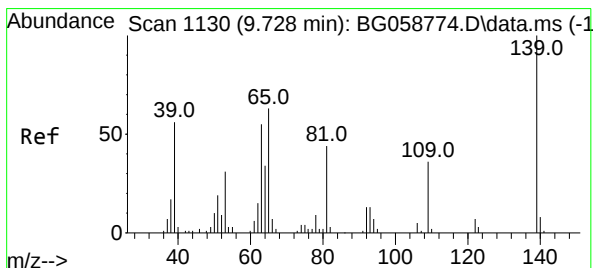
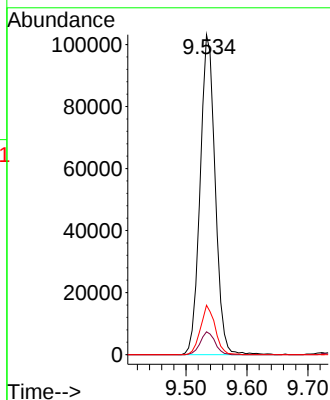
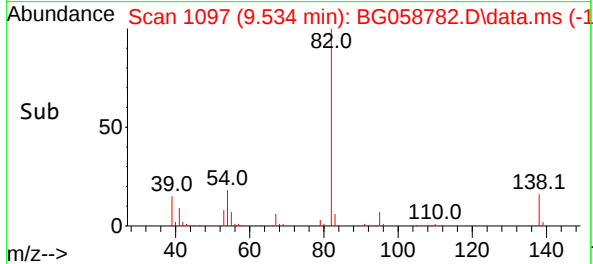
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion: 82 Resp: 176493
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 15.5 12.2 18.4

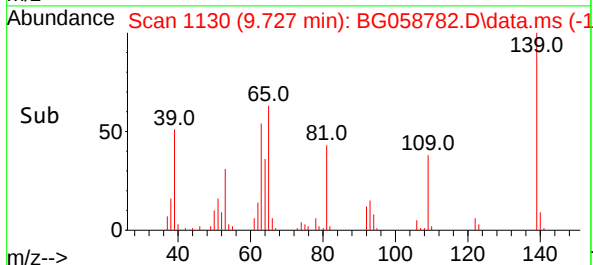
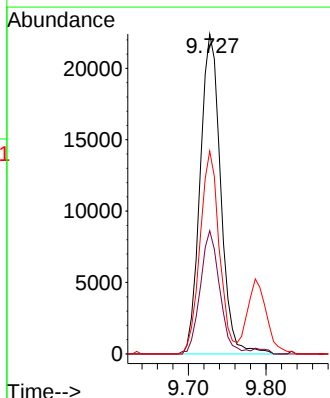
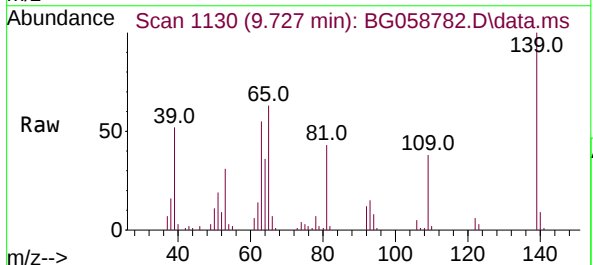
Manual Integrations
APPROVED

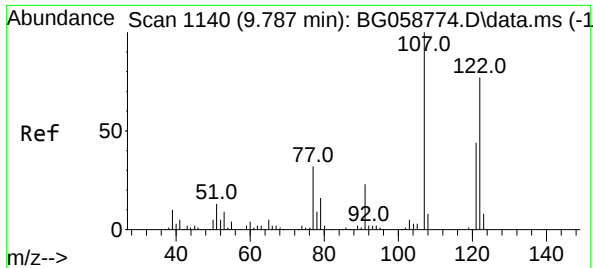
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#26
2-Nitrophenol
Concen: 60.521 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:139 Resp: 41067
Ion Ratio Lower Upper
139 100
109 38.5 28.7 43.1
65 63.4 50.6 76.0





#27
2,4-Dimethylphenol
Concen: 60.425 ng
RT: 9.786 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

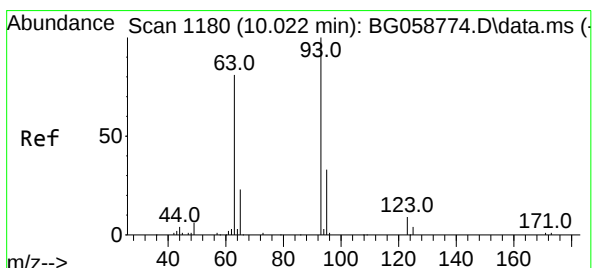
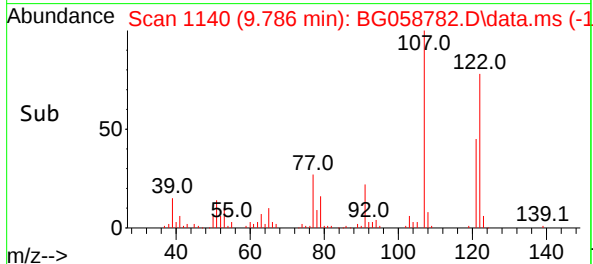
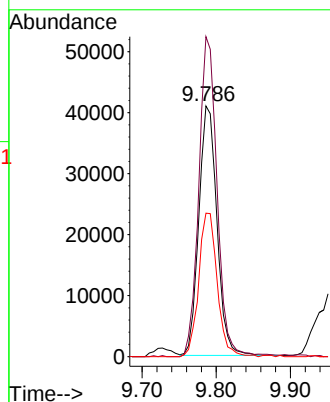
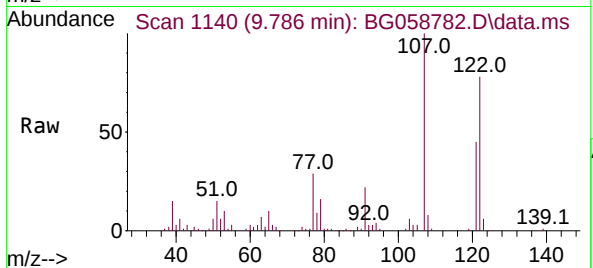
PB154929BSD

Tgt Ion:122 Resp: 69489
Ion Ratio Lower Upper
122 100
107 127.7 102.6 154.0
121 57.2 45.0 67.4

Manual Integrations

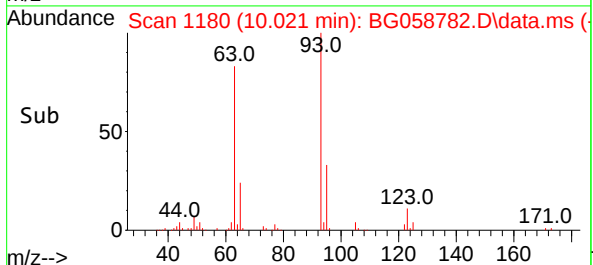
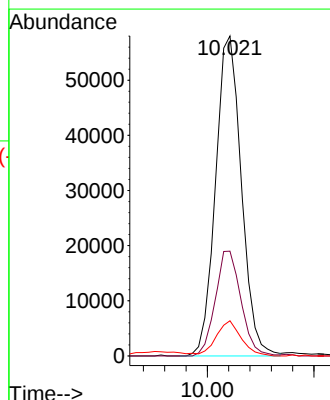
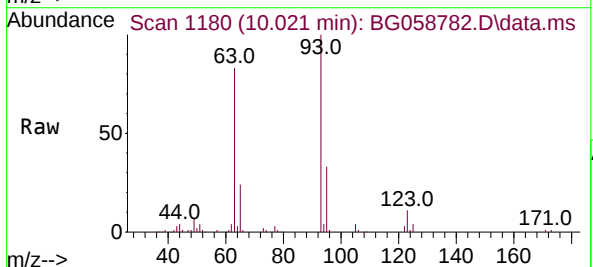
APPROVED

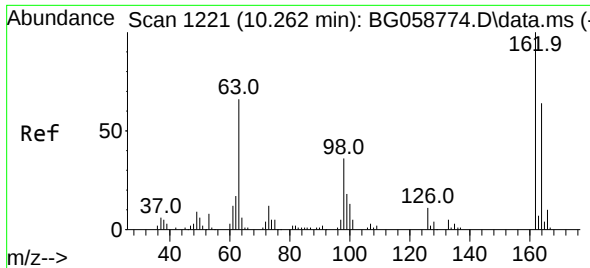
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 56.866 ng
RT: 10.021 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

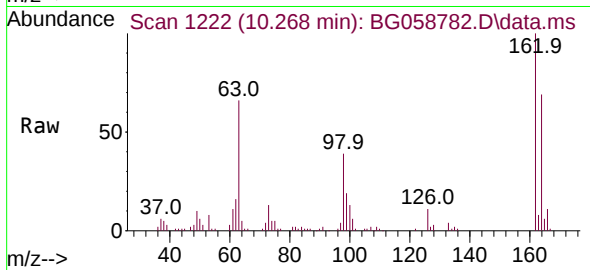
Tgt Ion: 93 Resp: 97716
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.0 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 63.023 ng
RT: 10.268 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

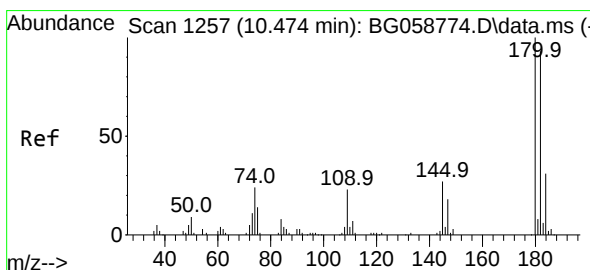
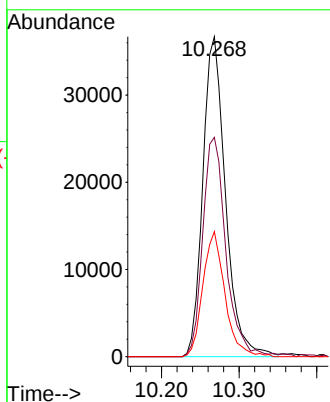
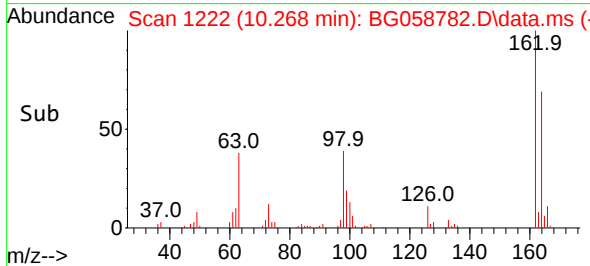
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



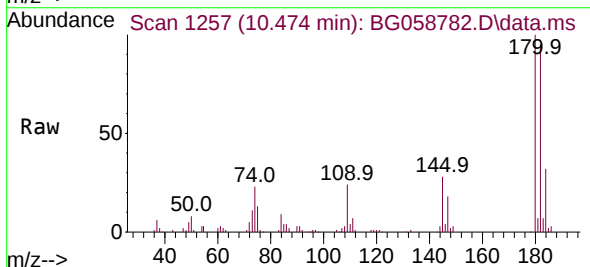
Tgt Ion:162 Resp: 74476
Ion Ratio Lower Upper
162 100
164 68.5 44.4 84.4
98 39.1 16.1 56.1

Manual Integrations
APPROVED

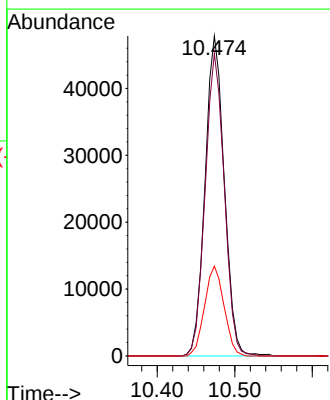
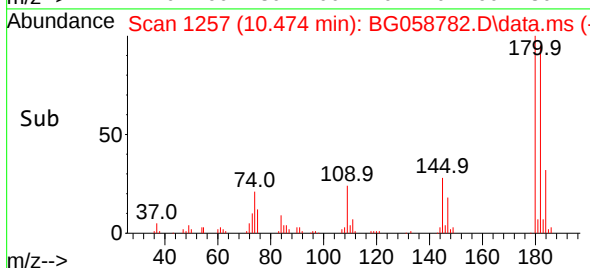
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

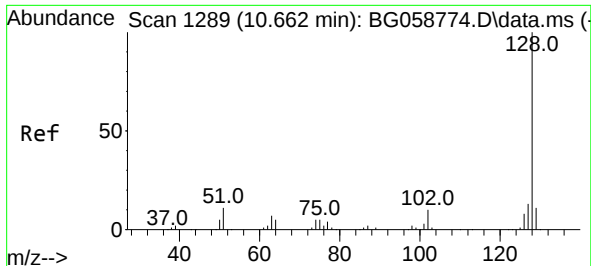


#30
1,2,4-Trichlorobenzene
Concen: 57.760 ng
RT: 10.474 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



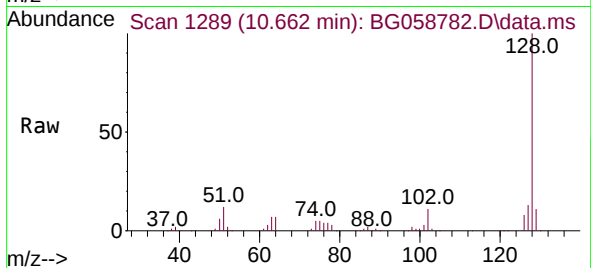
Tgt Ion:180 Resp: 82424
Ion Ratio Lower Upper
180 100
182 94.6 74.6 112.0
145 28.0 21.4 32.0





#31
Naphthalene
Concen: 55.531 ng
RT: 10.662 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

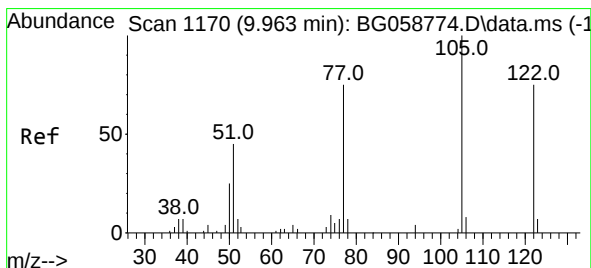
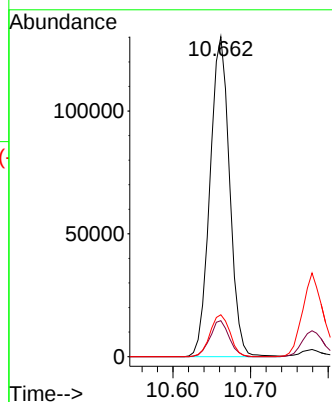
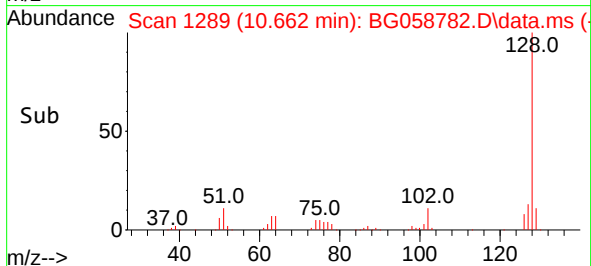
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



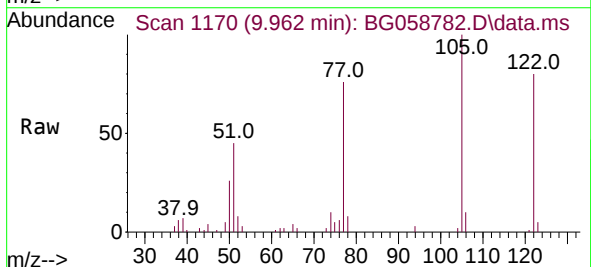
Tgt Ion:128 Resp: 228676
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 15.8

Manual Integrations
APPROVED

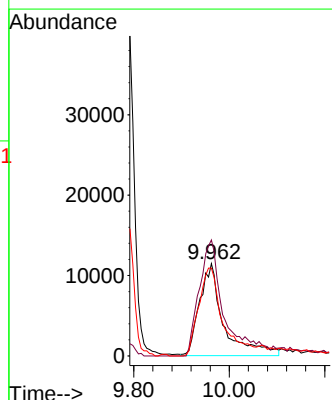
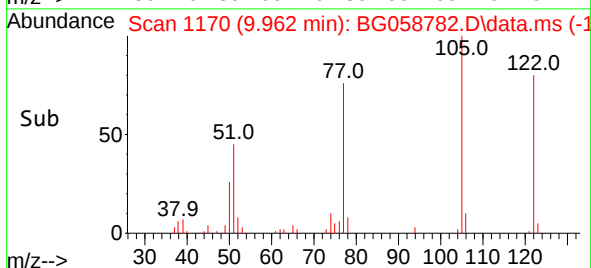
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

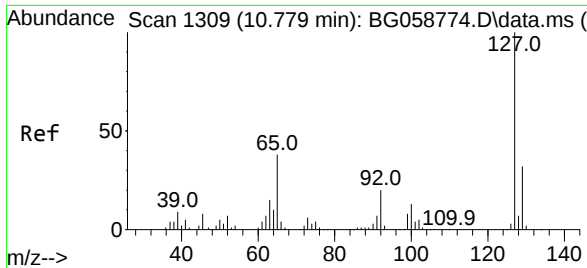


#32
Benzoic acid
Concen: 55.817 ng m
RT: 9.962 min Scan# 1170
Delta R.T. -0.001 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion:122 Resp: 40086
Ion Ratio Lower Upper
122 100
105 125.6 113.6 153.6
77 95.1 79.7 119.7





#33
4-Chloroaniline
Concen: 37.935 ng
RT: 10.779 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

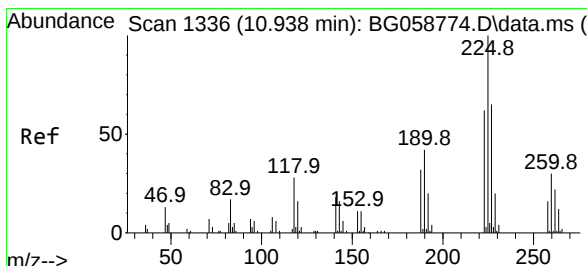
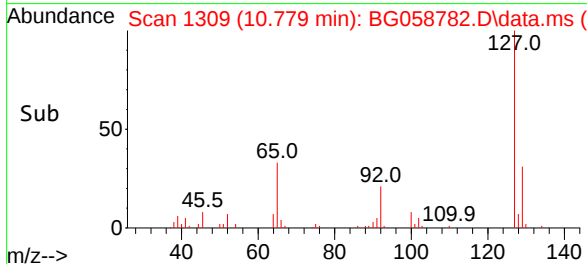
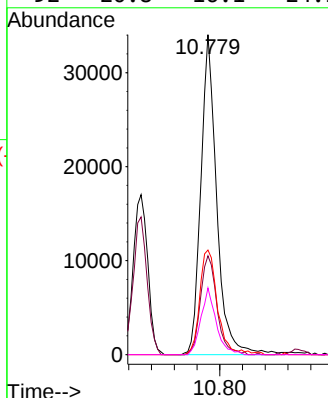
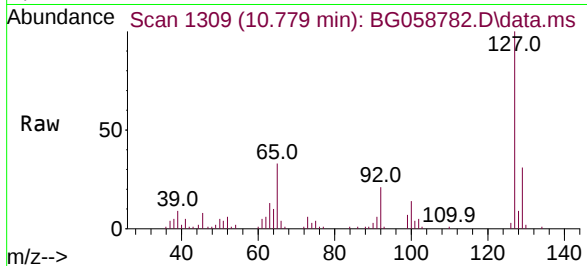
PB154929BSD

Tgt Ion:127 Resp: 65882
Ion Ratio Lower Upper
127 100
129 30.9 25.2 37.8
65 32.7 30.5 45.7
92 20.8 16.1 24.1

Manual Integrations

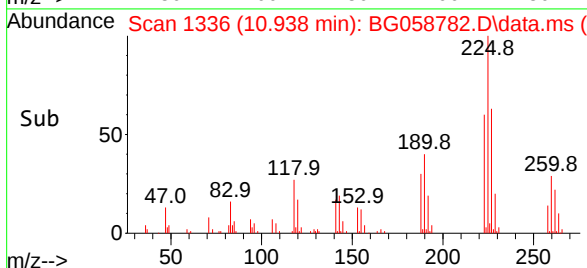
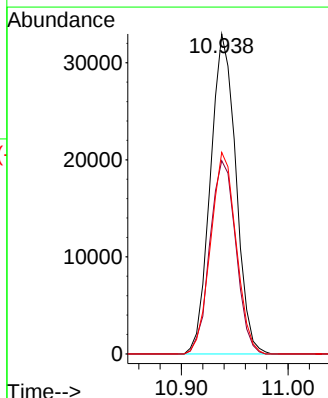
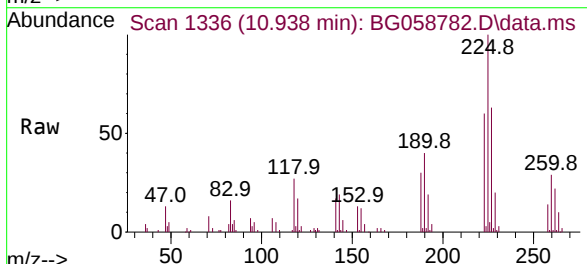
APPROVED

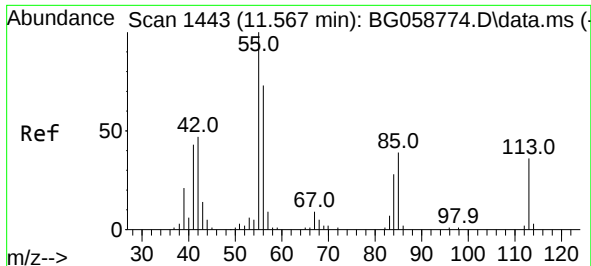
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#34
Hexachlorobutadiene
Concen: 56.789 ng
RT: 10.938 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

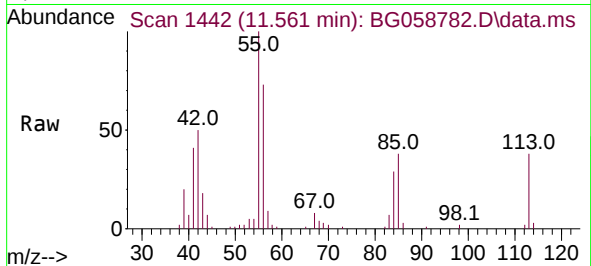
Tgt Ion:225 Resp: 54694
Ion Ratio Lower Upper
225 100
223 60.4 49.9 74.9
227 63.0 51.6 77.4





#35
 Caprolactam
 Concen: 65.393 ng m
 RT: 11.561 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51

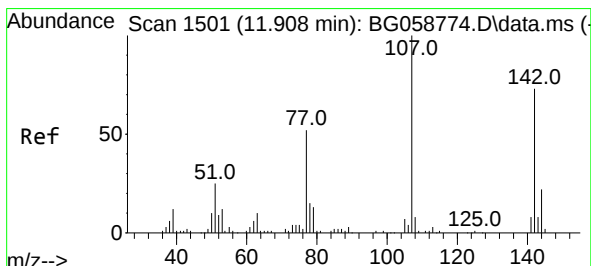
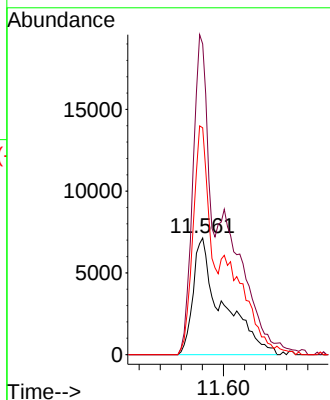
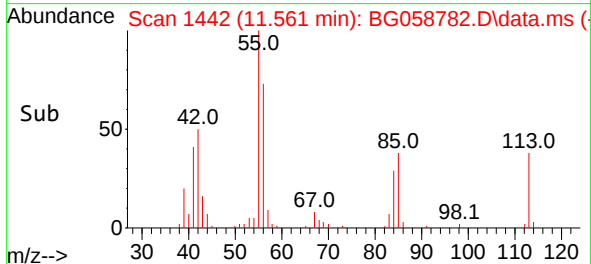
Instrument :
 BNA_G
 ClientSampleId :
 PB154929BSD



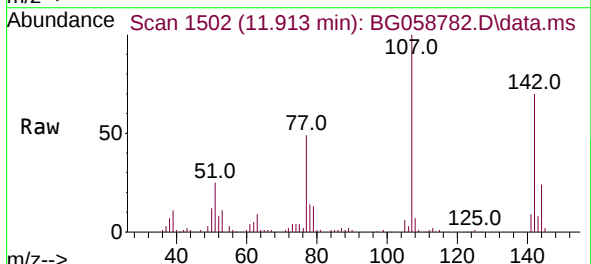
Tgt Ion:113 Resp: 27691
 Ion Ratio Lower Upper
 113 100
 55 266.7 256.3 296.3
 56 194.6 180.4 220.4

Manual Integrations
 APPROVED

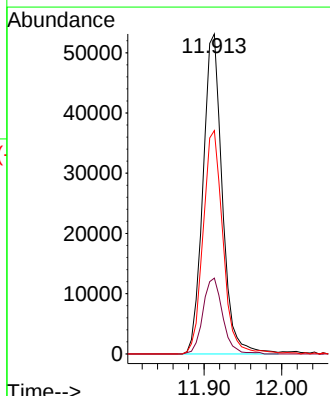
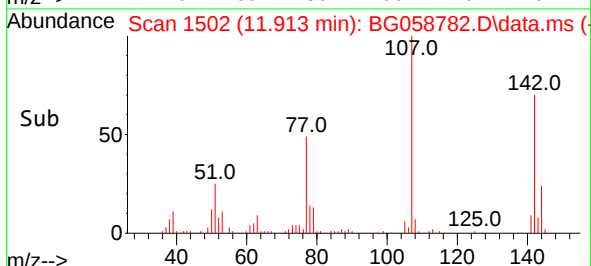
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

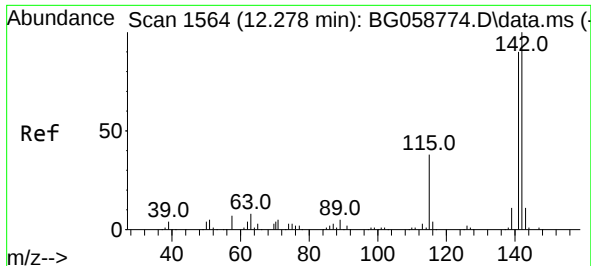


#36
 4-Chloro-3-methylphenol
 Concen: 62.369 ng
 RT: 11.913 min Scan# 1502
 Delta R.T. 0.006 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51



Tgt Ion:107 Resp: 91656
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.9 26.9
 142 69.8 58.5 87.7





#37

2-Methylnaphthalene

Concen: 54.237 ng

RT: 12.277 min Scan# 1564

Delta R.T. -0.000 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

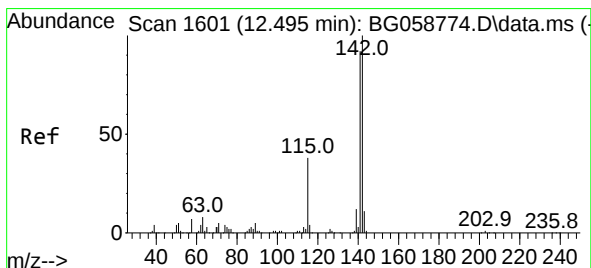
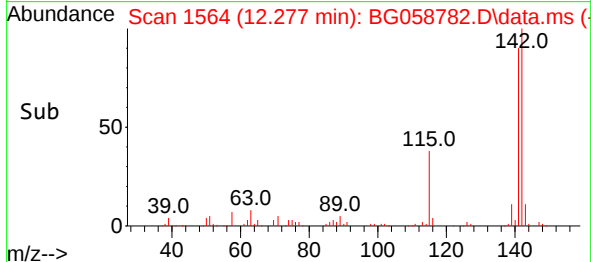
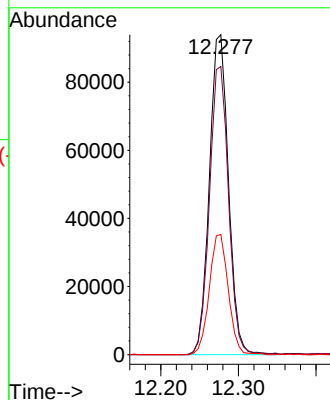
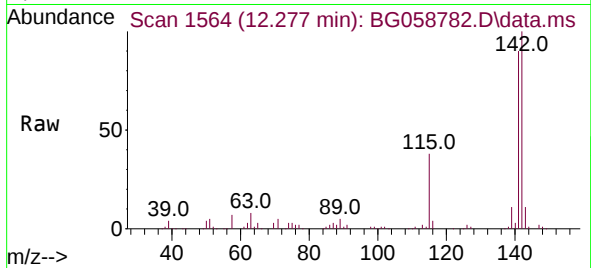
Tgt Ion:142	Resp: 160413
Ion Ratio	Lower Upper
142	100
141	90.0 71.8 107.8
115	37.5 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#38

1-Methylnaphthalene

Concen: 55.004 ng

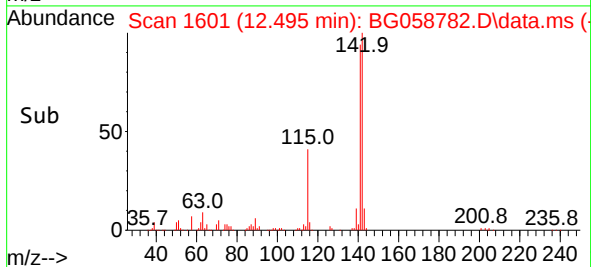
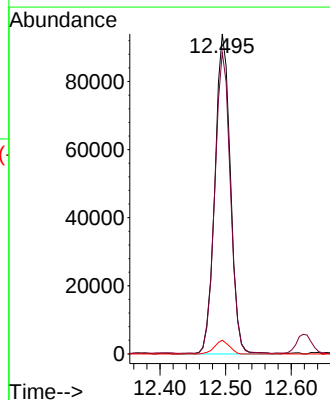
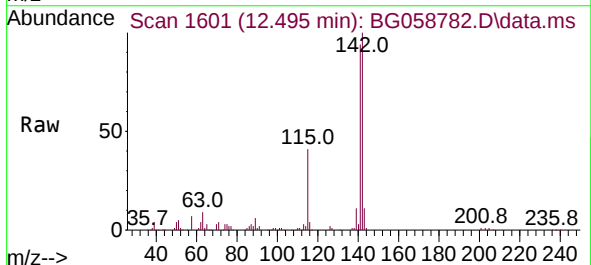
RT: 12.495 min Scan# 1601

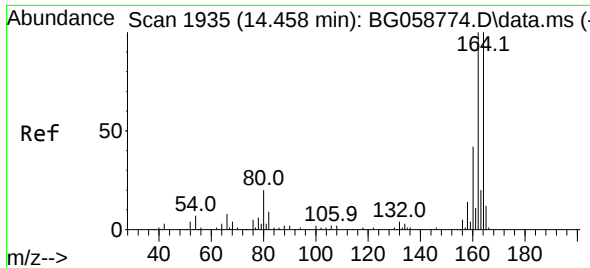
Delta R.T. -0.000 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Tgt Ion:142	Resp: 154426
Ion Ratio	Lower Upper
142	100
141	94.2 73.9 110.9
116	4.3 3.2 4.8





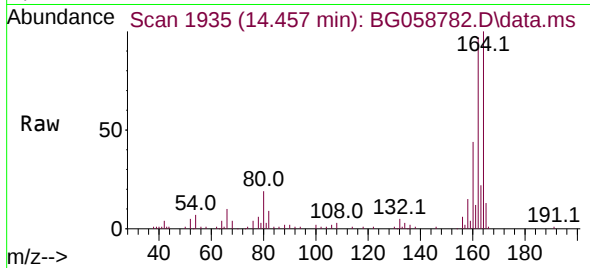
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

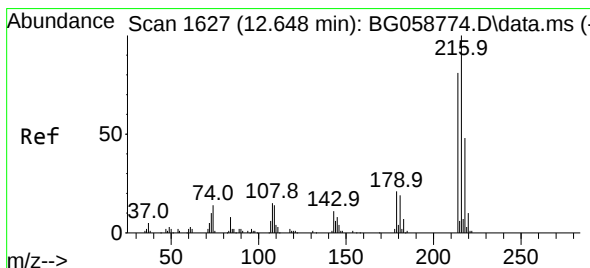
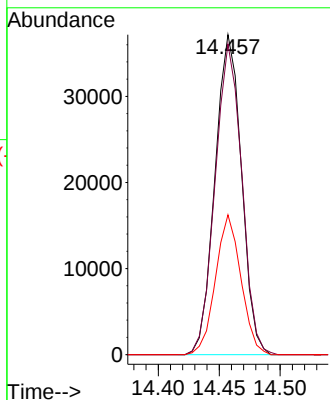
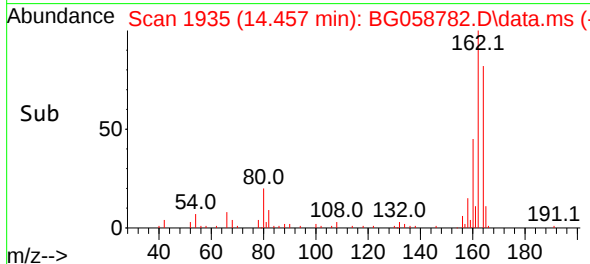


Tgt Ion:164 Resp: 56136
Ion Ratio Lower Upper
164 100
162 97.1 79.6 119.4
160 43.7 34.0 51.0

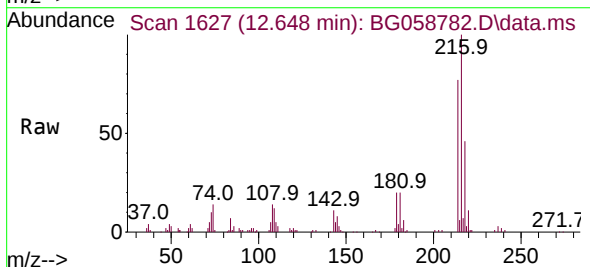
Manual Integrations

APPROVED

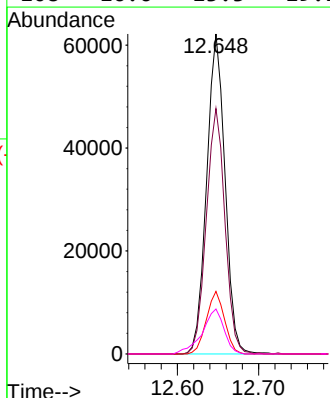
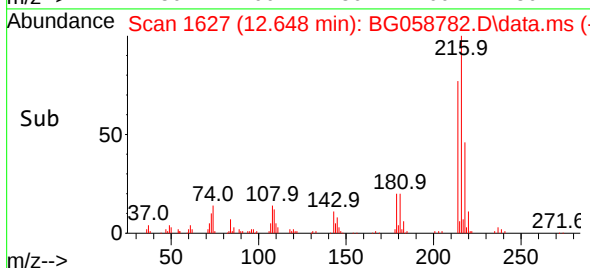
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

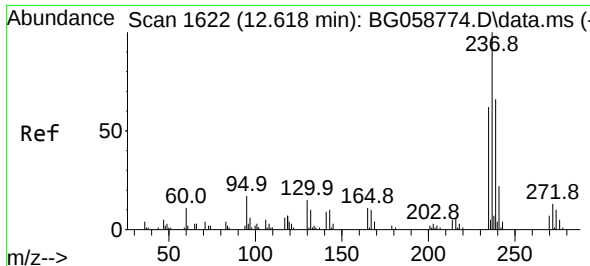


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.509 ng
RT: 12.648 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



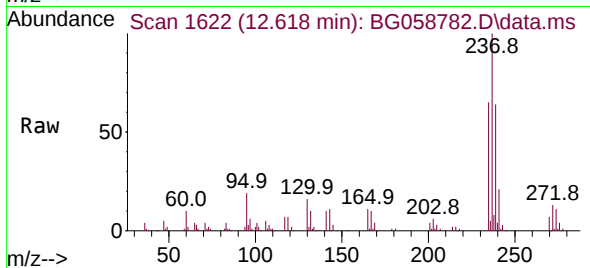
Tgt Ion:216 Resp: 97795
Ion Ratio Lower Upper
216 100
214 77.6 64.0 96.0
179 19.2 16.2 24.4
108 16.6 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 124.651 ng
RT: 12.618 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

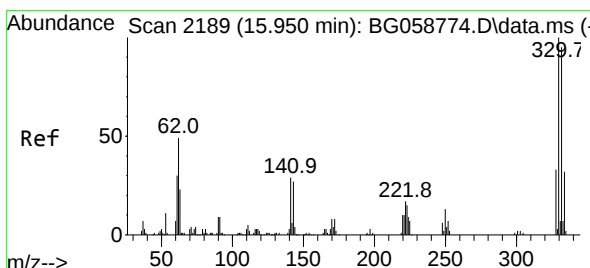
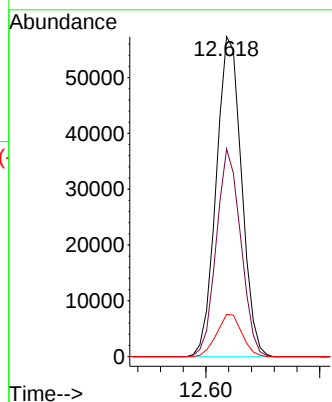
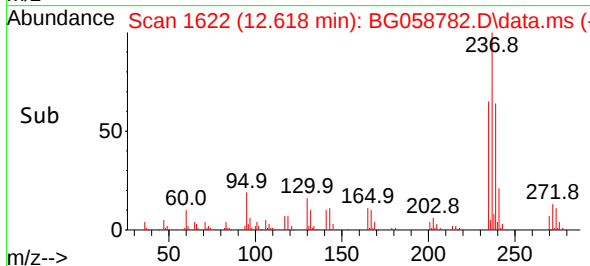
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



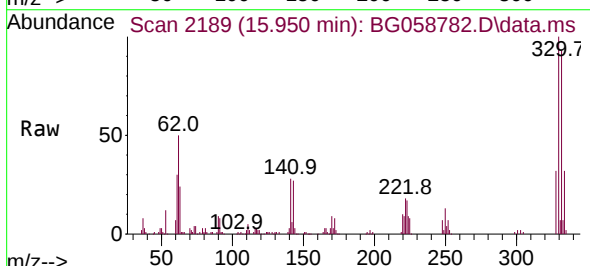
Tgt Ion: 237 Resp: 88621
Ion Ratio Lower Upper
237 100
235 64.9 41.5 81.5
272 13.2 0.0 32.5

Manual Integrations
APPROVED

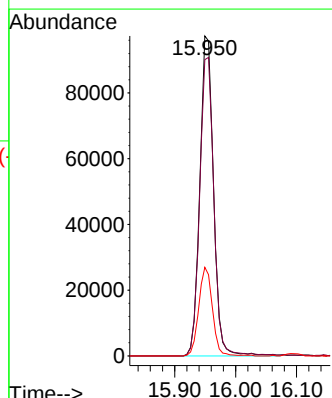
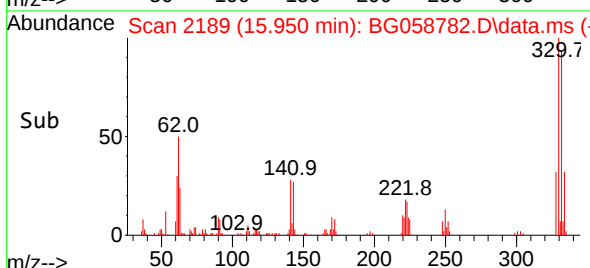
Reviewed By : Yogesh Patel 08/22/2023
Supervised By : mohammad ahmed 08/22/2023

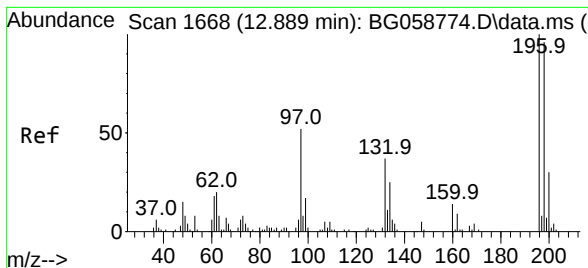


#42
2,4,6-Tribromophenol
Concen: 172.975 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



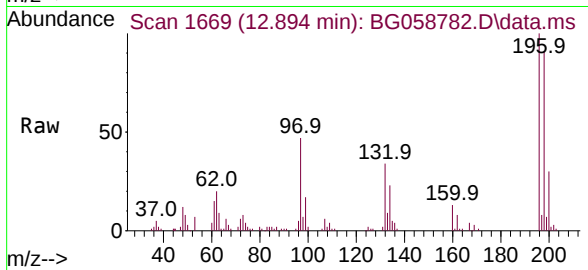
Tgt Ion: 330 Resp: 152253
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 27.5 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 62.279 ng
RT: 12.894 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

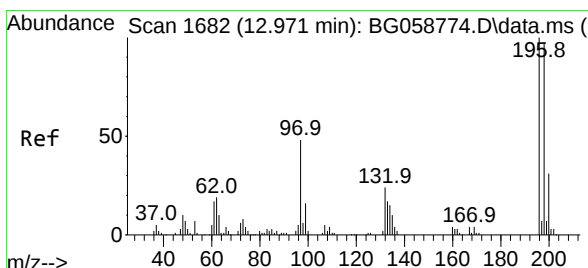
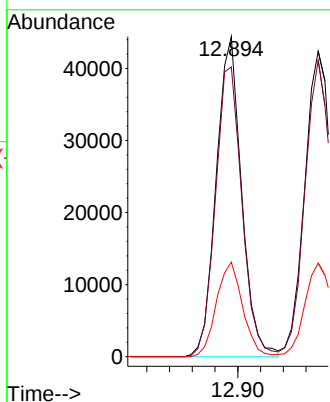
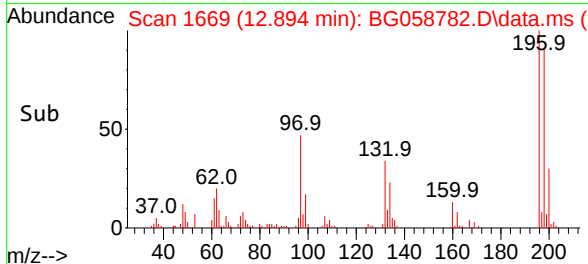
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



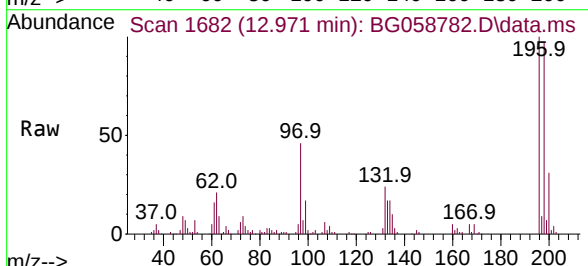
Tgt Ion:196 Resp: 68580
Ion Ratio Lower Upper
196 100
198 90.5 77.0 115.4
200 29.5 23.8 35.6

Manual Integrations
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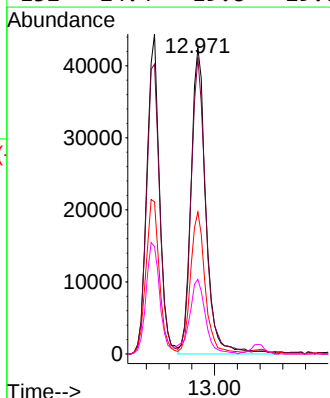
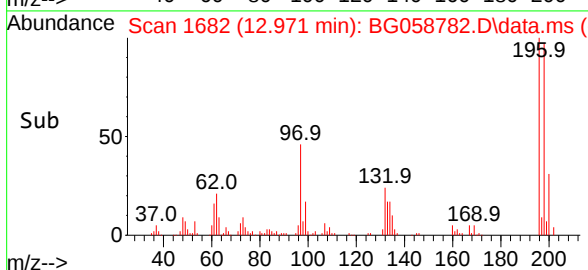
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

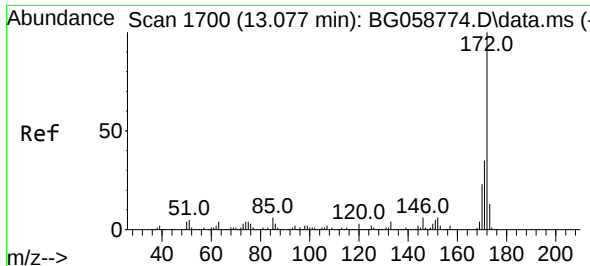


#44
2,4,5-Trichlorophenol
Concen: 58.549 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion:196 Resp: 77206
Ion Ratio Lower Upper
196 100
198 97.0 78.0 117.0
97 46.4 38.7 58.1
132 24.4 19.8 29.6





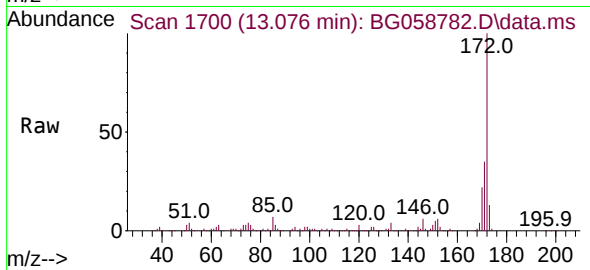
#45
2-Fluorobiphenyl
Concen: 106.447 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

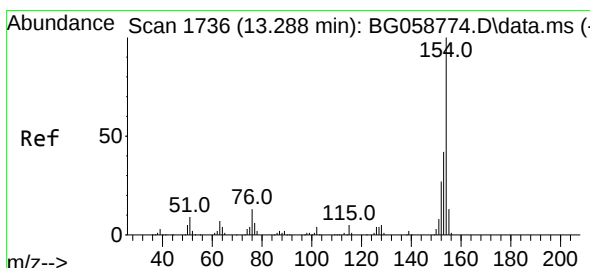
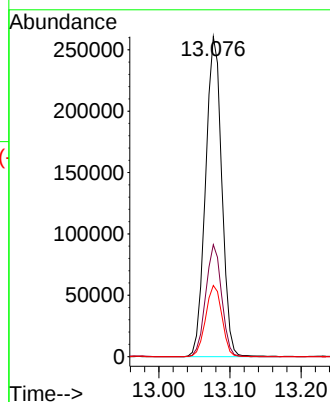
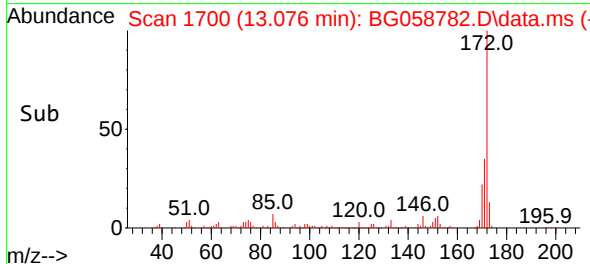


Tgt Ion:172 Resp: 41084
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.2 18.6 27.8

Manual Integrations

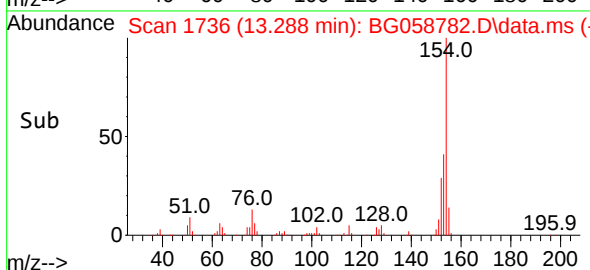
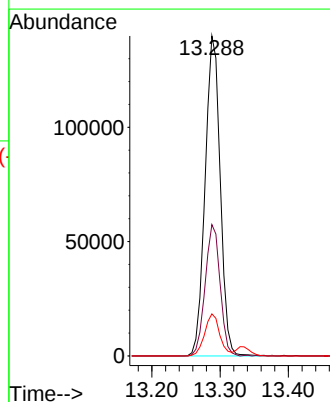
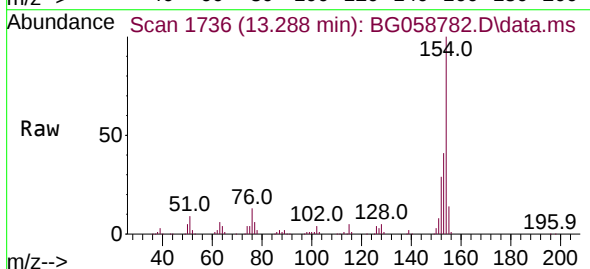
APPROVED

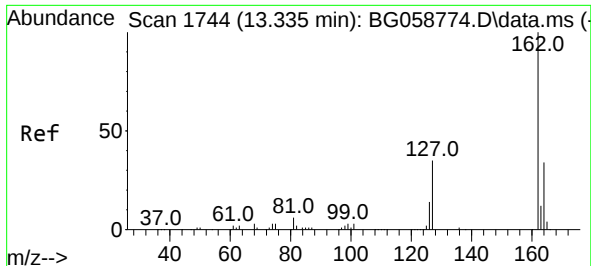
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#46
1,1'-Biphenyl
Concen: 55.702 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

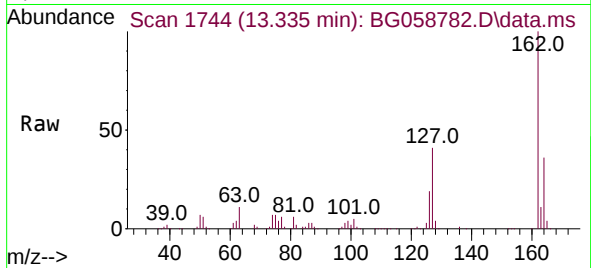
Tgt Ion:154 Resp: 215406
Ion Ratio Lower Upper
154 100
153 41.0 21.7 61.7
76 13.1 0.0 33.2





#47
2-Chloronaphthalene
Concen: 57.263 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

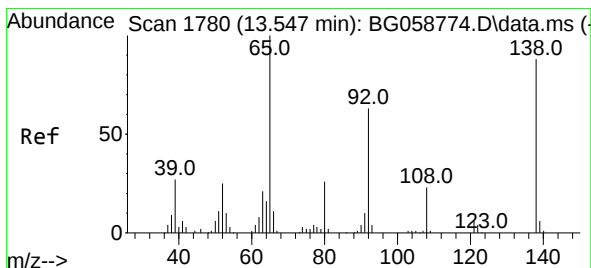
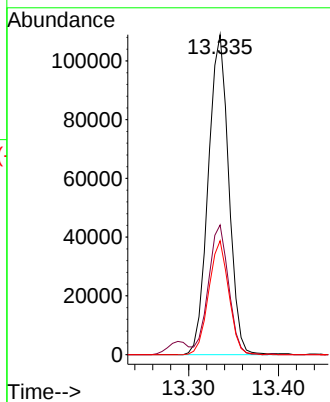
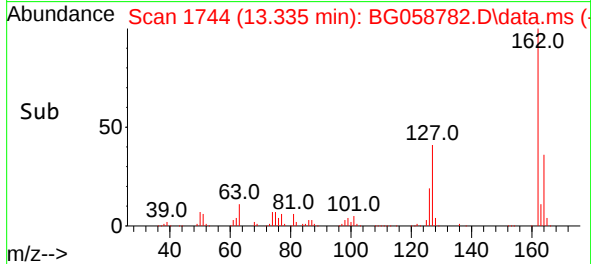
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion:162 Resp: 172569
Ion Ratio Lower Upper
162 100
127 40.5 31.5 47.3
164 35.6 27.3 40.9

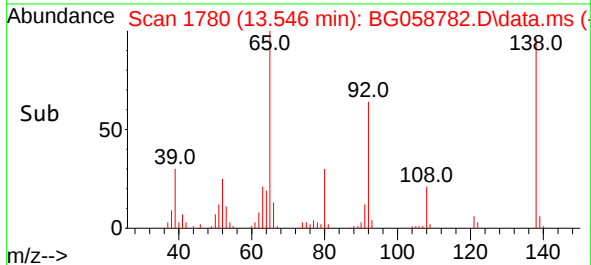
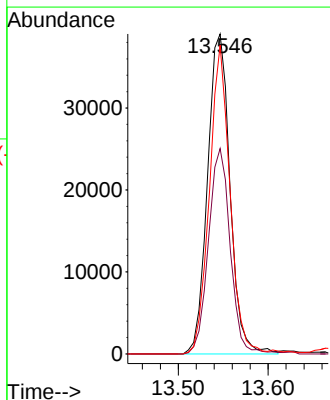
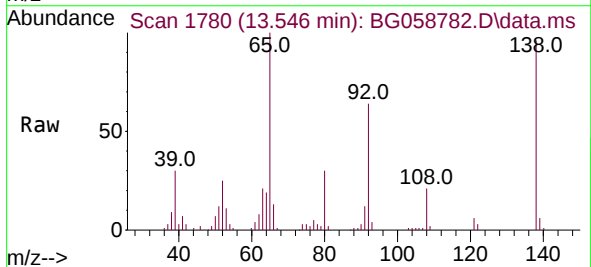
Manual Integrations
APPROVED

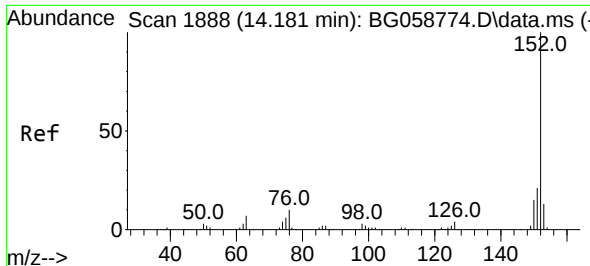
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#48
2-Nitroaniline
Concen: 59.368 ng
RT: 13.546 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion: 65 Resp: 67950
Ion Ratio Lower Upper
65 100
92 64.2 50.7 76.1
138 96.5 70.7 106.1





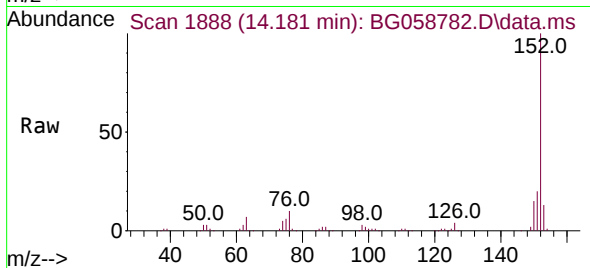
#49
Acenaphthylene
Concen: 58.032 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

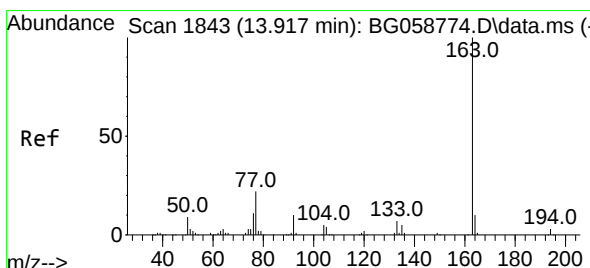
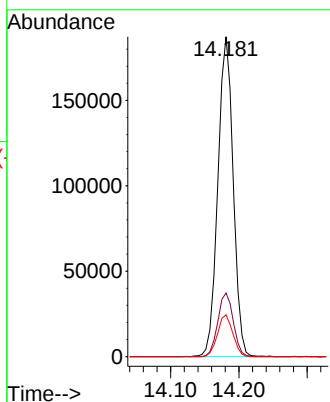
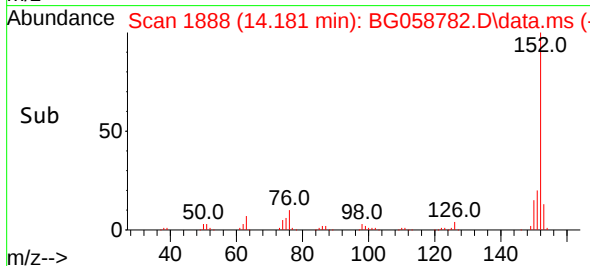


Tgt Ion:152 Resp: 290021
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.1 10.7 16.1

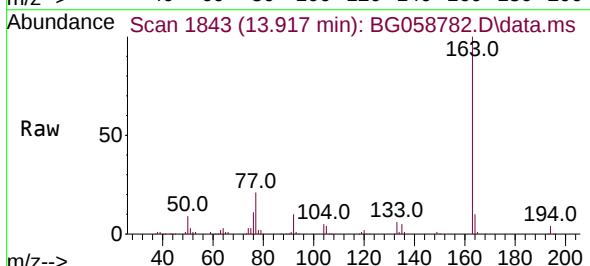
Manual Integrations

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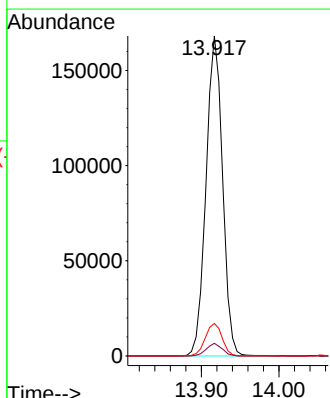
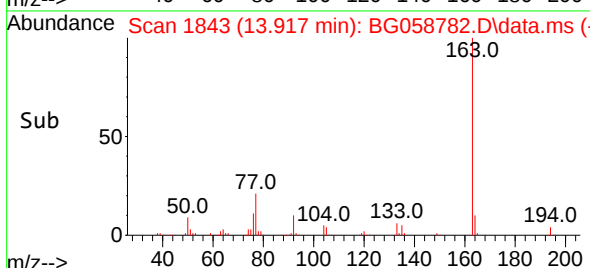
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

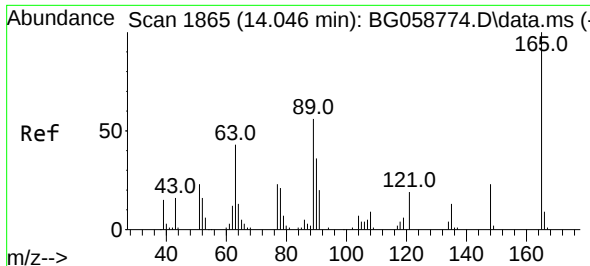


#50
Dimethylphthalate
Concen: 57.257 ng
RT: 13.917 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion:163 Resp: 248867
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 60.604 ng
RT: 14.040 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

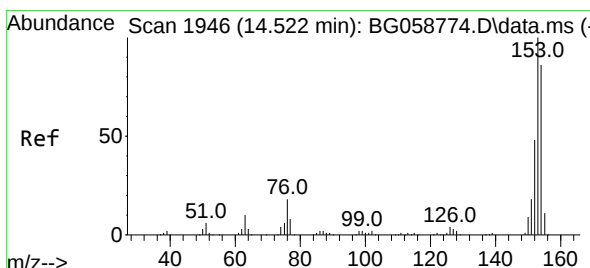
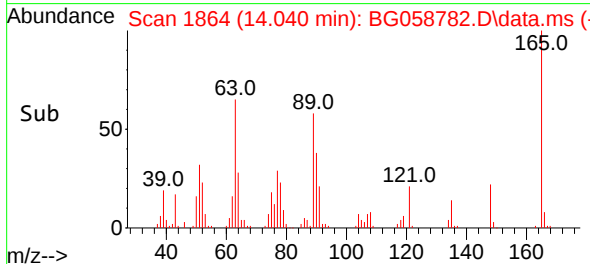
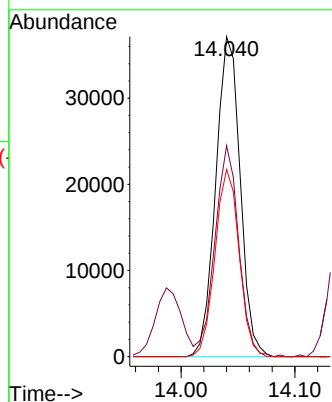
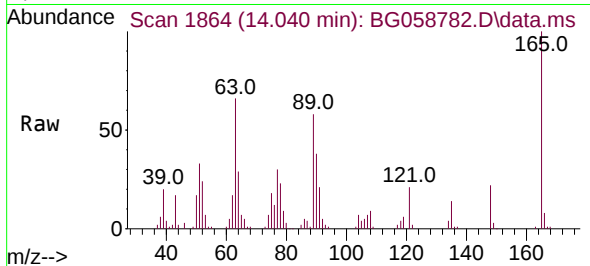
ClientSampleId :

PB154929BSD

Tgt Ion:165 Resp: 55340
Ion Ratio Lower Upper
165 100
63 65.9 47.2 70.8
89 58.5 45.0 67.4

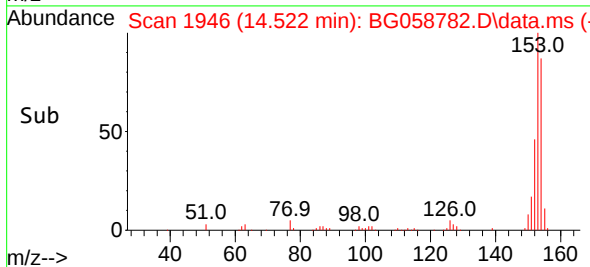
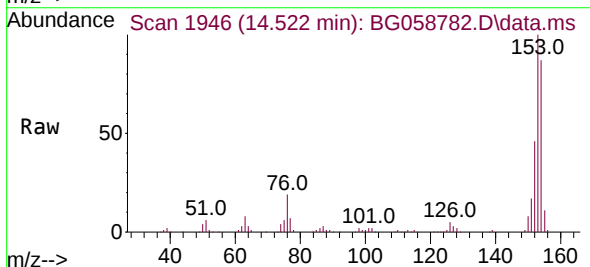
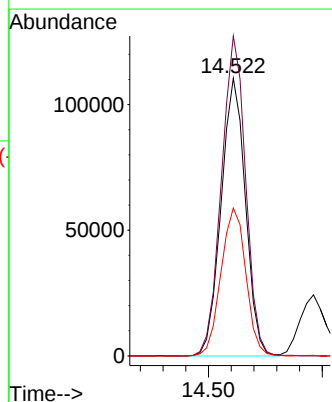
Manual Integrations
APPROVED

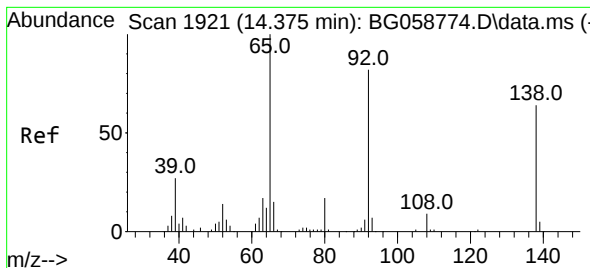
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#52
Acenaphthene
Concen: 56.193 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:154 Resp: 164111
Ion Ratio Lower Upper
154 100
153 115.3 92.7 139.1
152 53.2 44.2 66.2





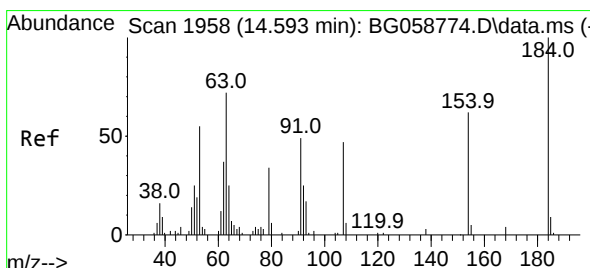
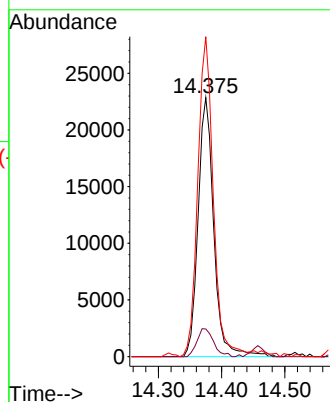
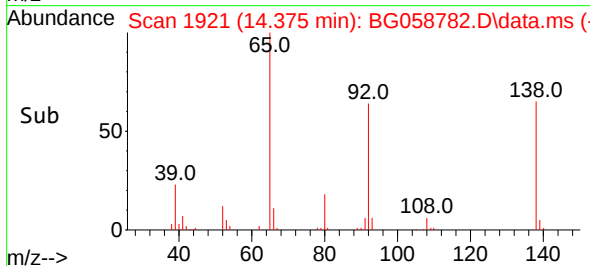
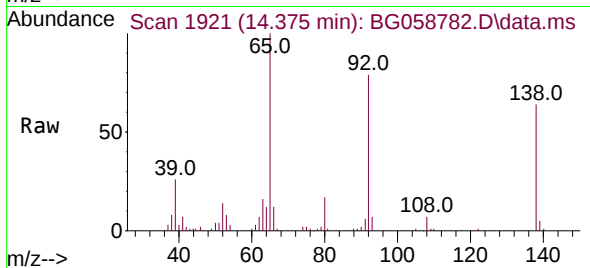
#53
3-Nitroaniline
Concen: 44.698 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :
BNA_G
ClientSampleId :
PB154929BSD

Tgt Ion:138 Resp: 39366
Ion Ratio Lower Upper
138 100
108 10.7 11.8 17.8
92 123.6 102.5 153.7

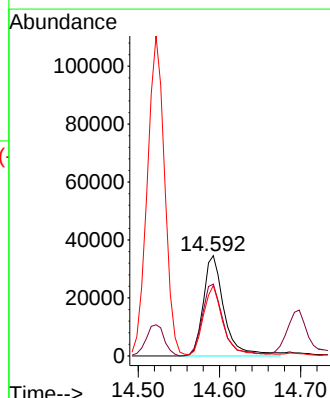
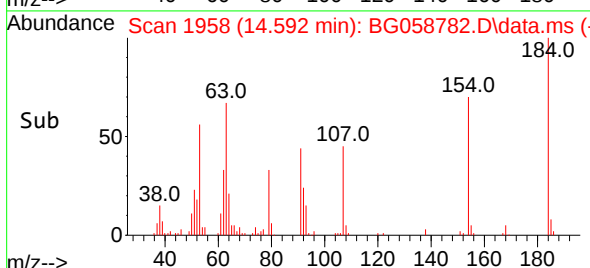
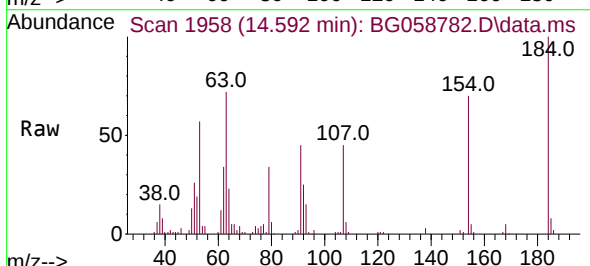
Manual Integrations
APPROVED

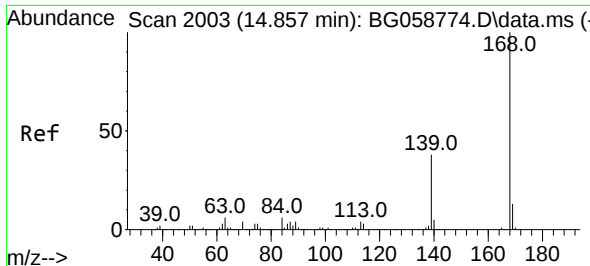
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#54
2,4-Dinitrophenol
Concen: 117.449 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

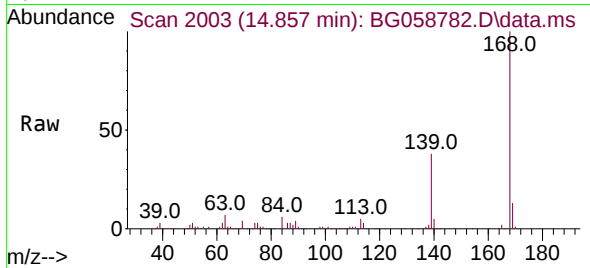
Tgt Ion:184 Resp: 61741
Ion Ratio Lower Upper
184 100
63 71.6 57.7 86.5
154 70.3 51.8 77.6





#55
Dibenzofuran
Concen: 55.751 ng
RT: 14.857 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

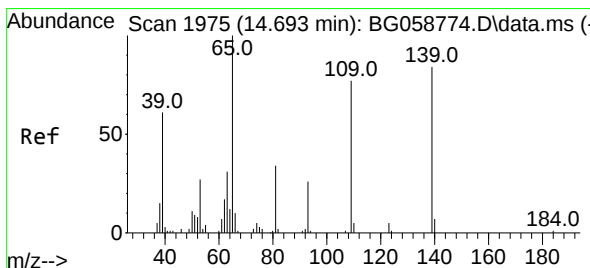
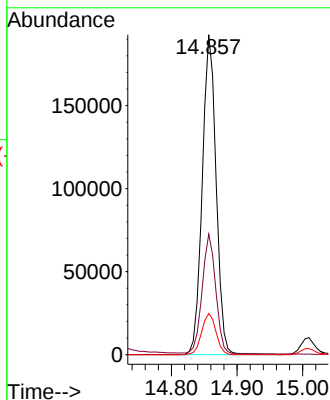
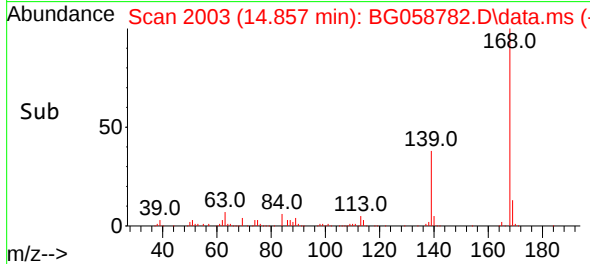
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion:168 Resp: 280861
Ion Ratio Lower Upper
168 100
139 37.7 30.4 45.6
169 12.8 10.7 16.1

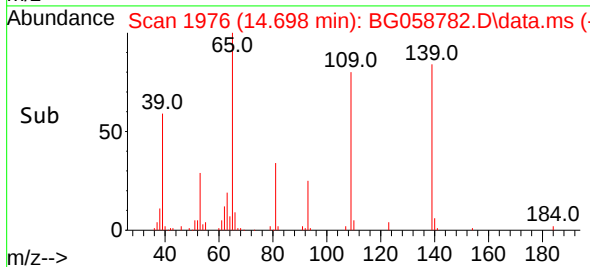
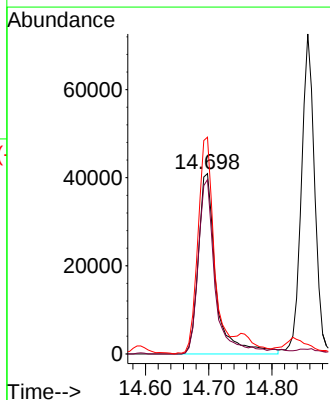
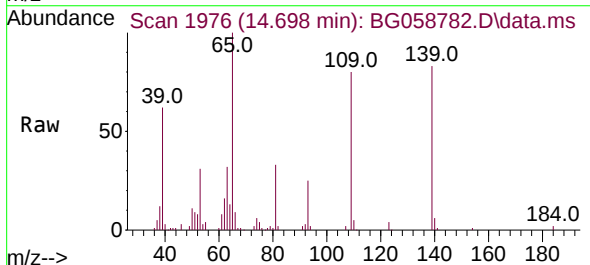
Manual Integrations
APPROVED

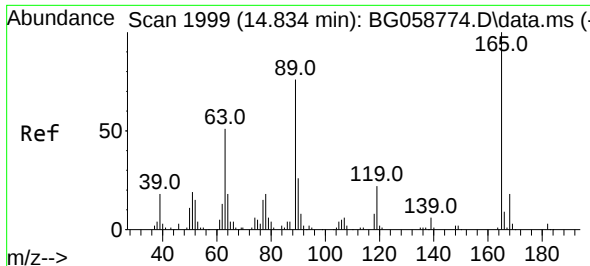
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#56
4-Nitrophenol
Concen: 122.662 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

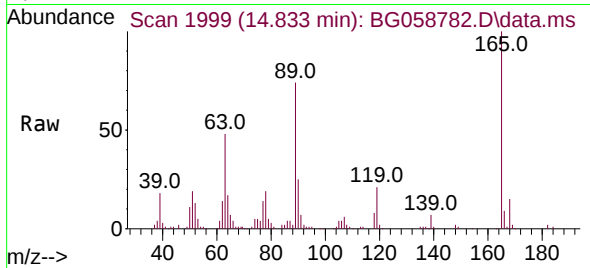
Tgt Ion:139 Resp: 79756
Ion Ratio Lower Upper
139 100
109 96.7 71.9 111.9
65 120.2 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 63.551 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

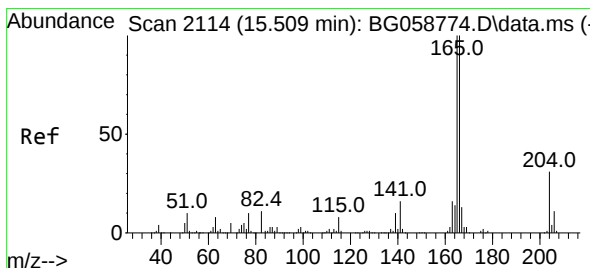
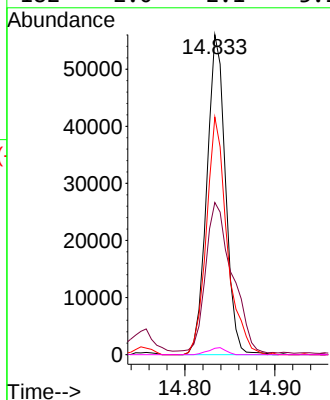
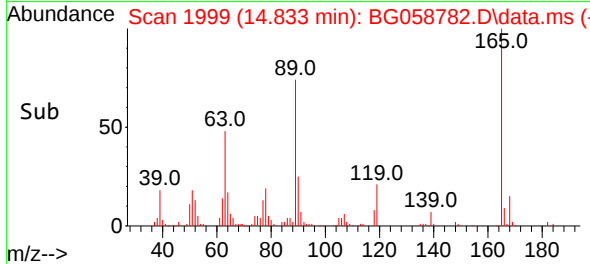
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



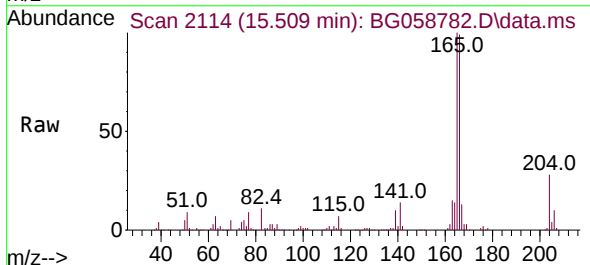
Tgt Ion:165 Resp: 80940
Ion Ratio Lower Upper
165 100
63 47.5 41.8 62.6
89 74.2 60.7 91.1
182 2.0 2.1 3.1#

Manual Integrations
APPROVED

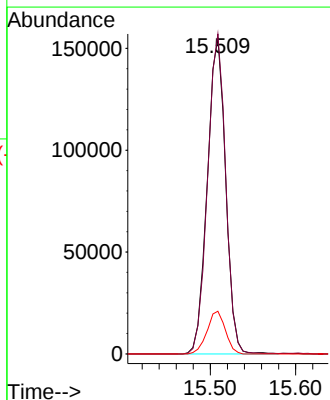
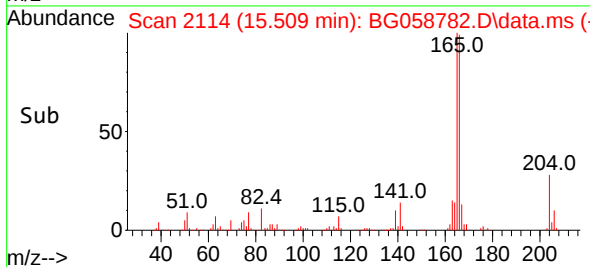
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

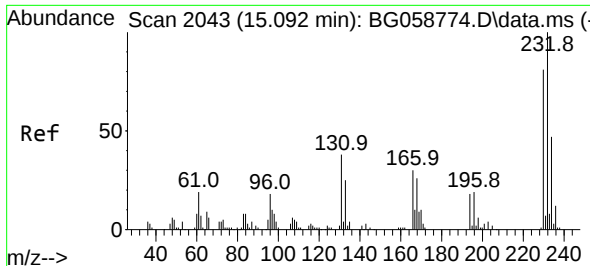


#58
Fluorene
Concen: 57.769 ng
RT: 15.509 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion:166 Resp: 231611
Ion Ratio Lower Upper
166 100
165 101.2 79.9 119.9
167 13.5 10.7 16.1





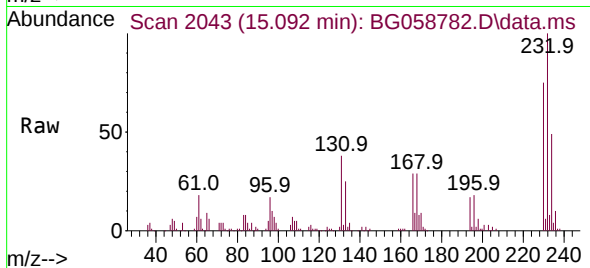
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.405 ng
RT: 15.092 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

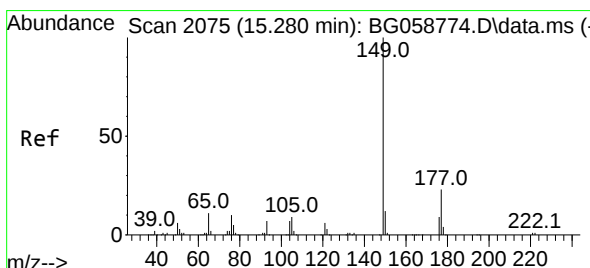
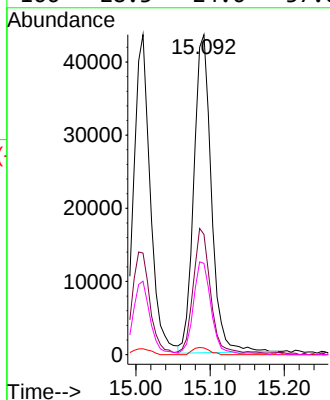
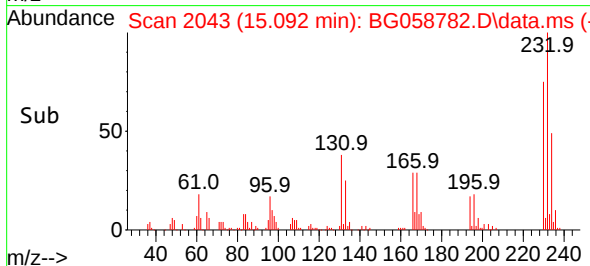


Tgt Ion:232 Resp: 71456
Ion Ratio Lower Upper
232 100
131 37.7 33.9 50.9
130 2.1 1.8 2.6
166 28.3 24.6 37.0

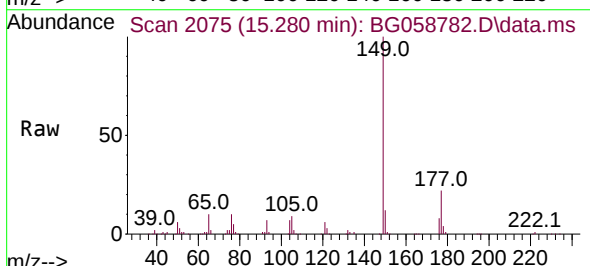
Manual Integrations

APPROVED

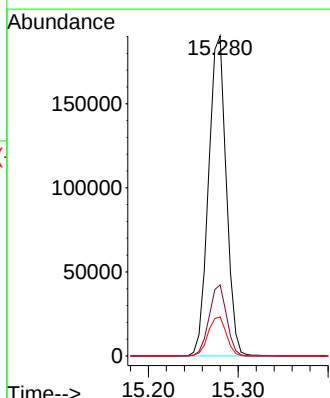
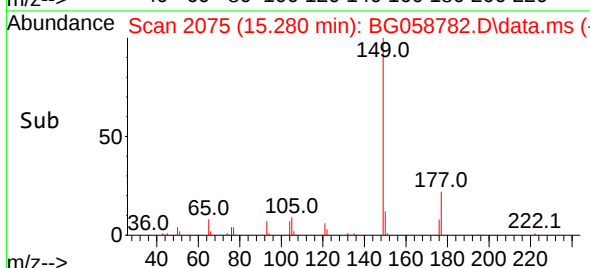
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

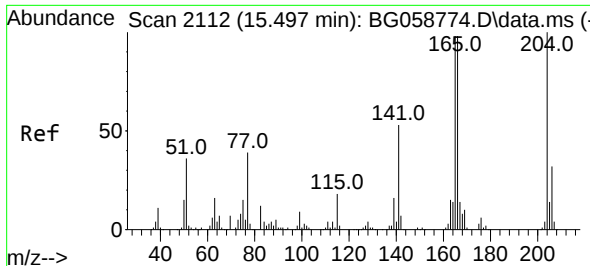


#60
Diethylphthalate
Concen: 58.480 ng
RT: 15.280 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



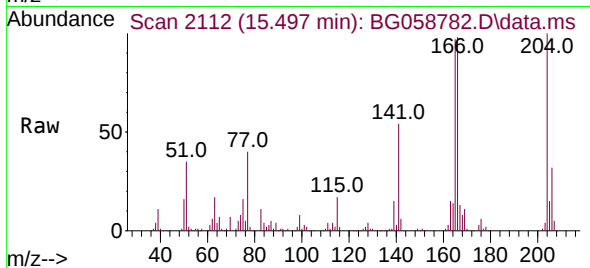
Tgt Ion:149 Resp: 262070
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 57.525 ng
RT: 15.497 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

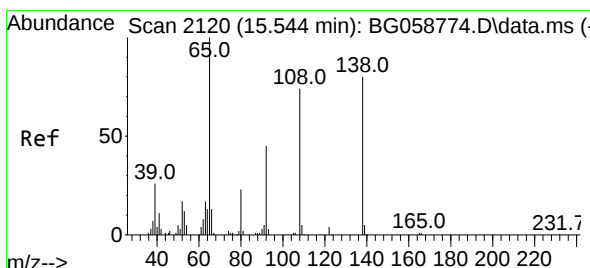
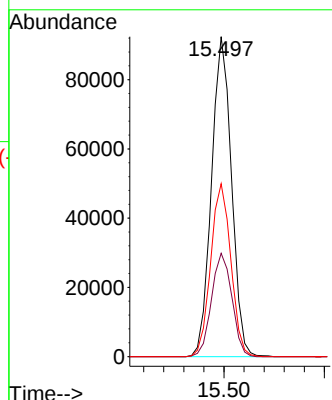
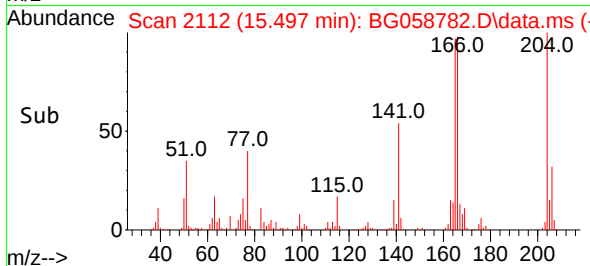
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion:204 Resp: 127834
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 54.0 42.3 63.5

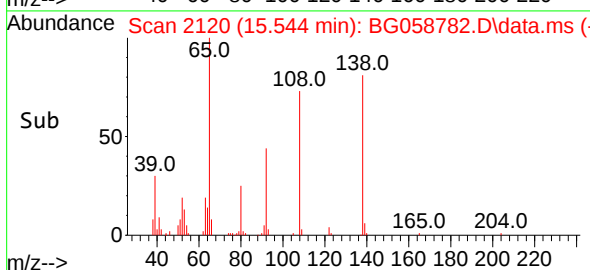
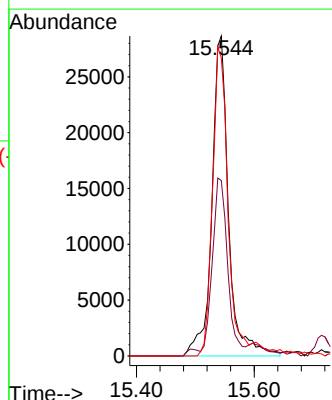
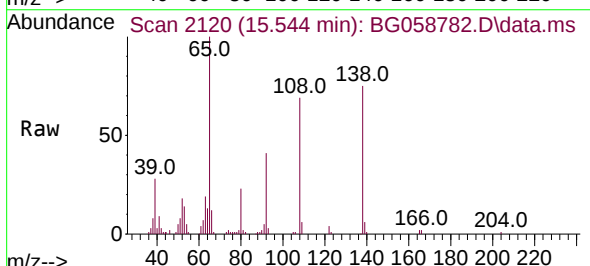
Manual Integrations
APPROVED

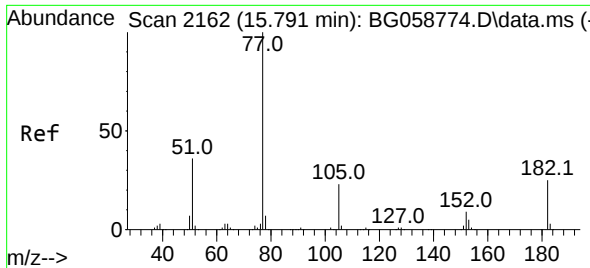
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#62
4-Nitroaniline
Concen: 63.147 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:138 Resp: 56439
Ion Ratio Lower Upper
138 100
92 54.8 36.4 76.4
108 93.0 72.2 112.2





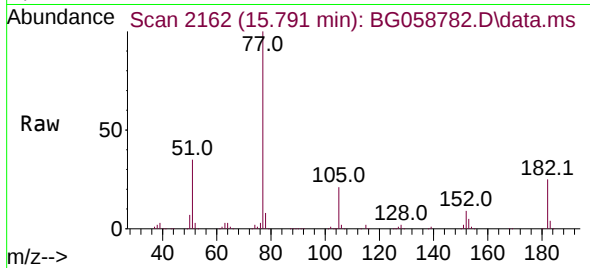
#63
Azobenzene
Concen: 57.305 ng
RT: 15.791 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

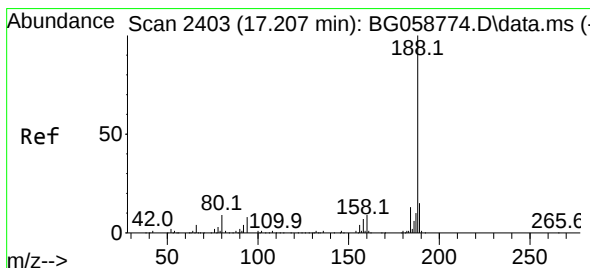
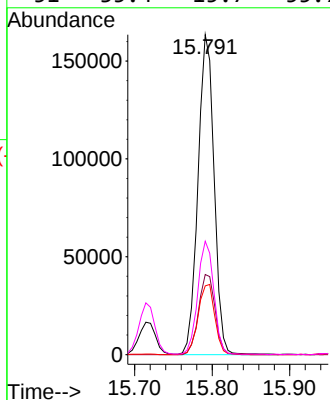
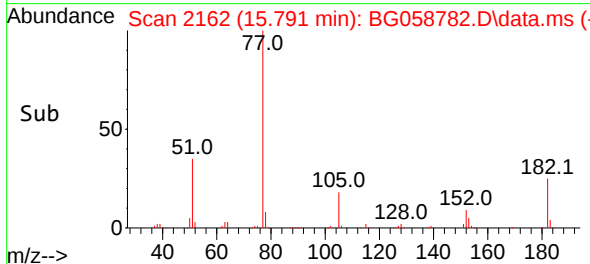


Tgt Ion: 77 Resp: 235804
Ion Ratio Lower Upper
77 100
182 25.0 4.9 44.9
105 21.5 2.8 42.8
51 35.4 15.7 55.7

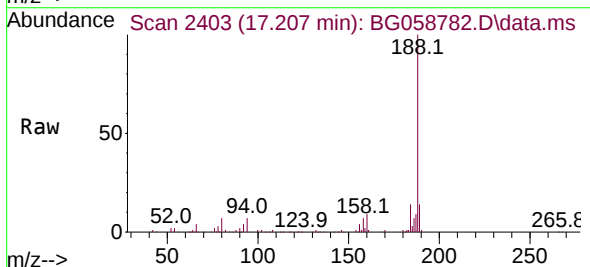
Manual Integrations

APPROVED

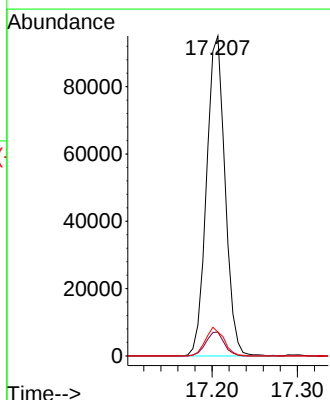
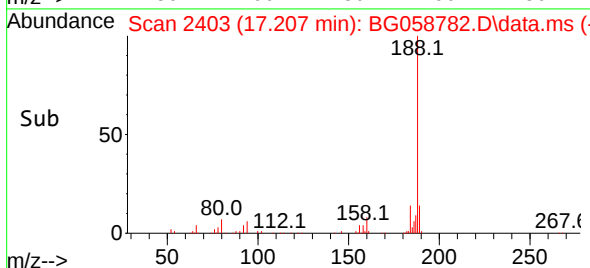
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

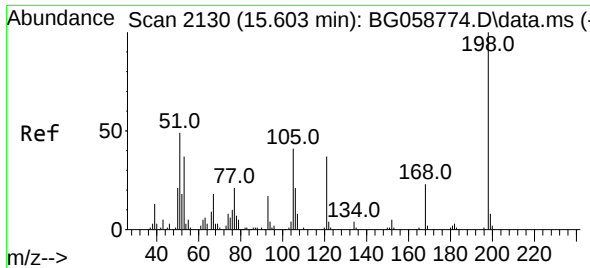


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



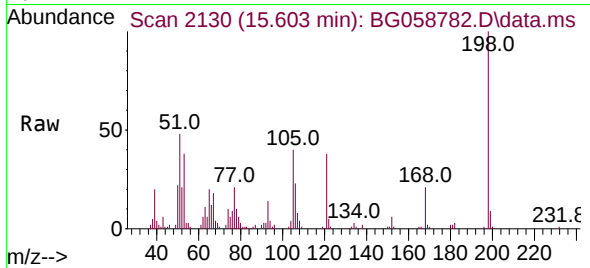
Tgt Ion:188 Resp: 143012
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 7.4 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 60.159 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

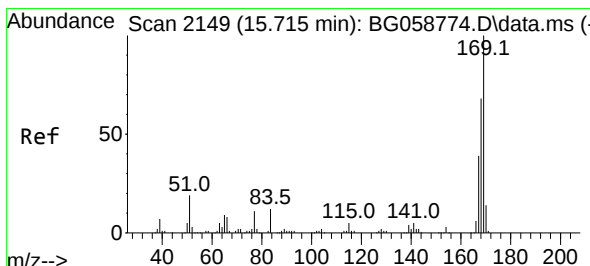
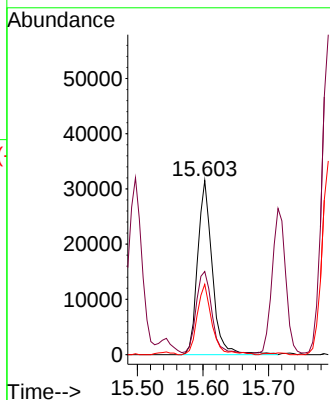
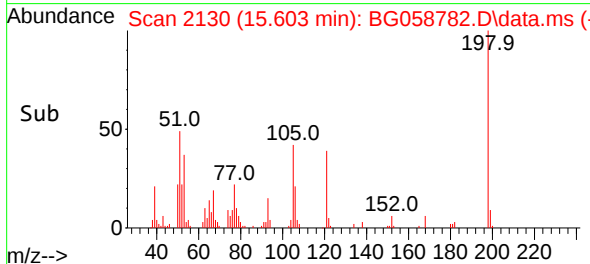
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion:198 Resp: 48631
Ion Ratio Lower Upper
198 100
51 47.7 31.3 71.3
105 40.4 20.7 60.7

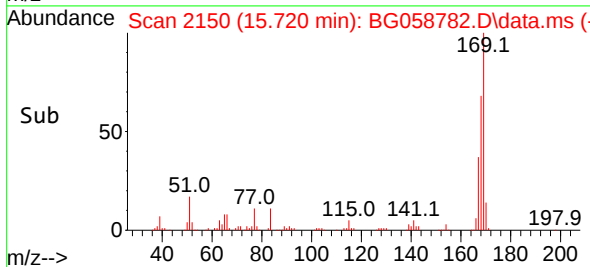
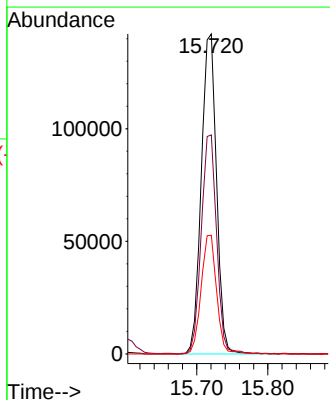
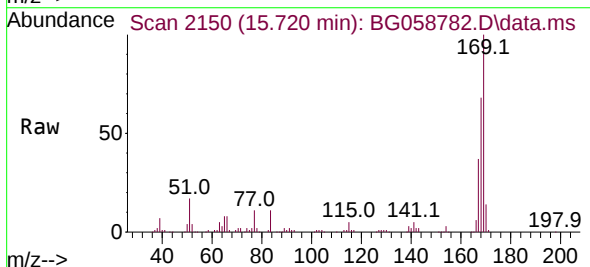
Manual Integrations
APPROVED

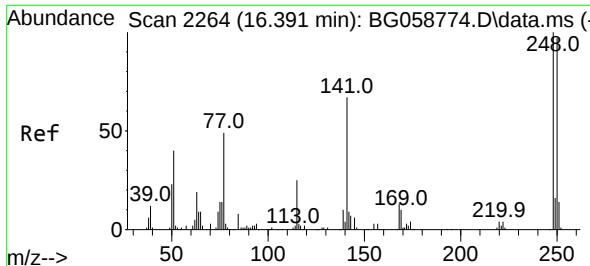
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#66
n-Nitrosodiphenylamine
Concen: 57.140 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

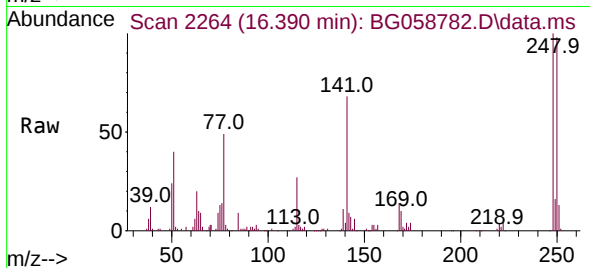
Tgt Ion:169 Resp: 210614
Ion Ratio Lower Upper
169 100
168 68.4 54.4 81.6
167 37.1 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 55.785 ng
RT: 16.390 min Scan# 2264
Delta R.T. -0.001 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

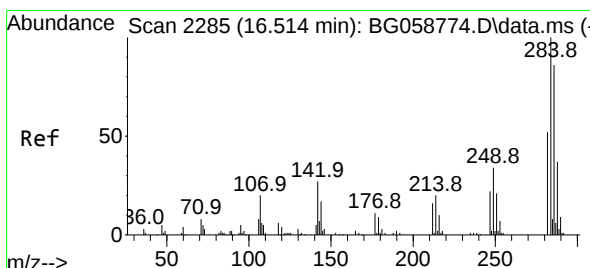
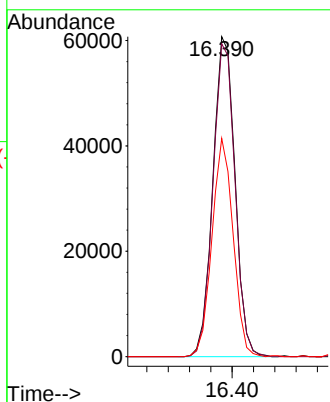
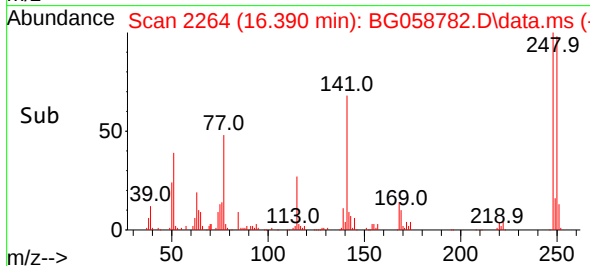
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



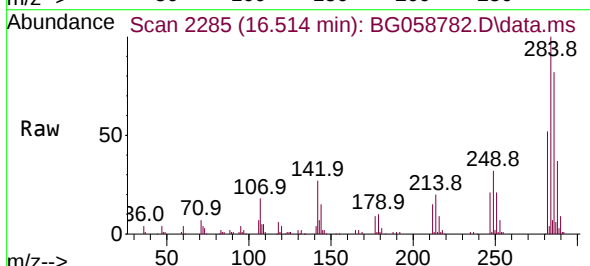
Tgt Ion:248 Resp: 87546
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 68.2 53.6 80.4

Manual Integrations
APPROVED

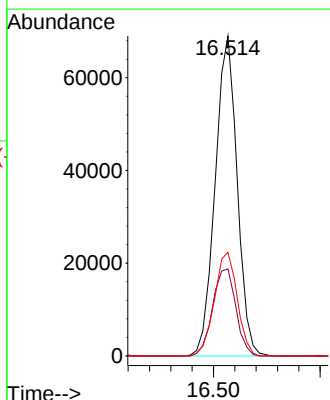
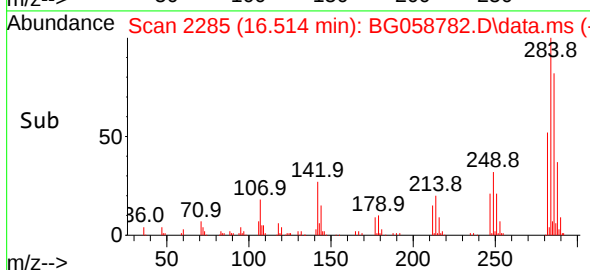
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

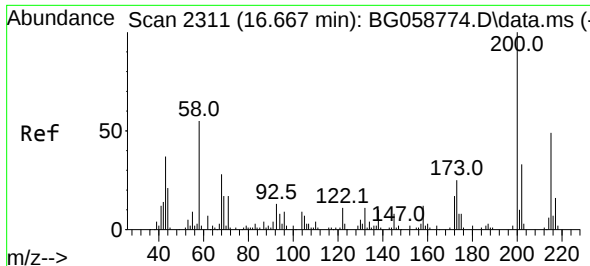


#68
Hexachlorobenzene
Concen: 58.478 ng
RT: 16.514 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion:284 Resp: 98771
Ion Ratio Lower Upper
284 100
142 27.2 22.0 33.0
249 32.4 27.2 40.8





#69
 Atrazine
 Concen: 70.044 ng
 RT: 16.666 min Scan# 2311
 Delta R.T. -0.001 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

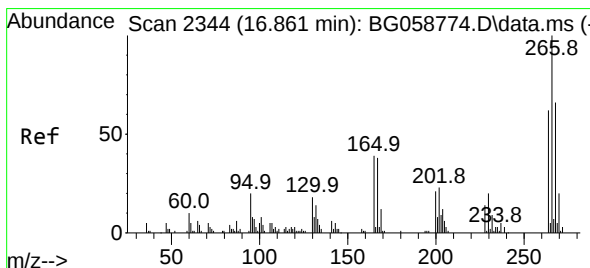
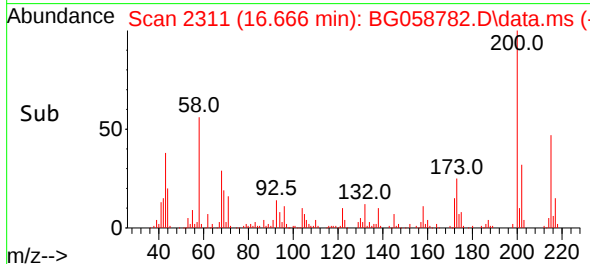
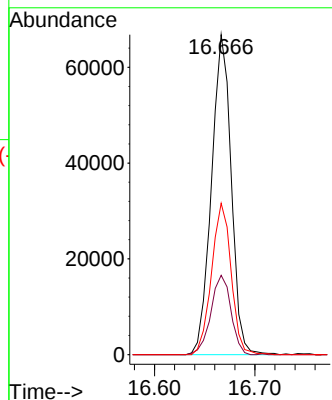
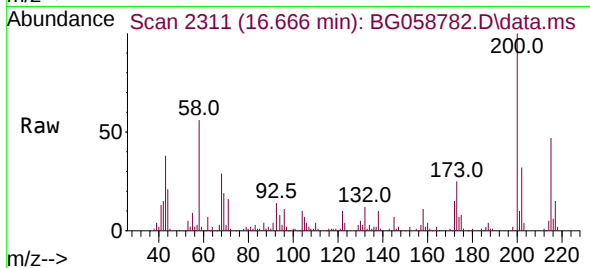
PB154929BSD

Tgt Ion:200 Resp: 91370
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.3 45.3
 215 47.3 29.4 69.4

Manual Integrations

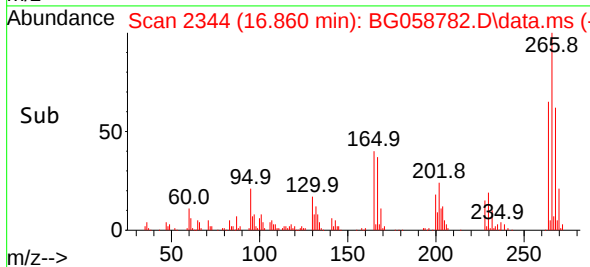
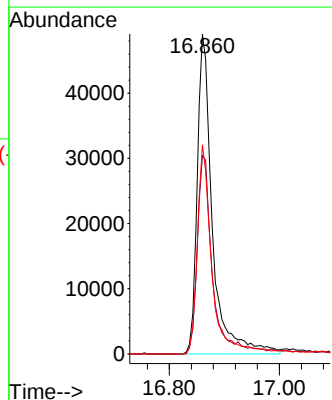
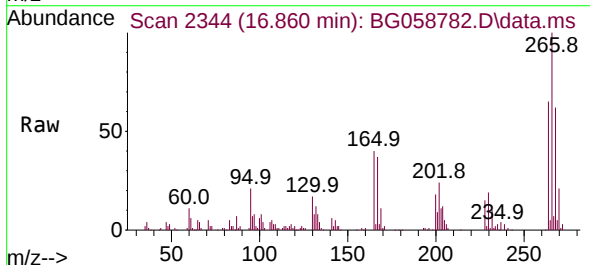
APPROVED

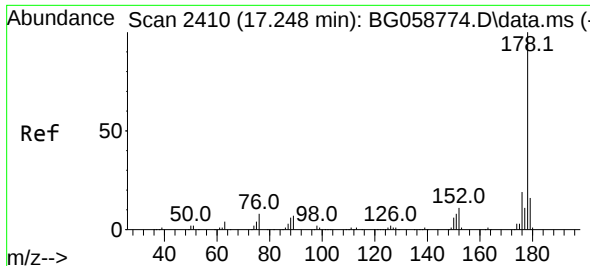
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#70
 Pentachlorophenol
 Concen: 106.160 ng
 RT: 16.860 min Scan# 2344
 Delta R.T. -0.001 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51

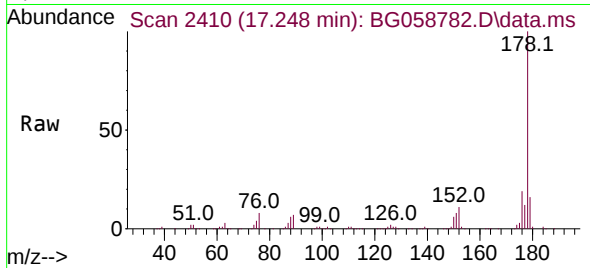
Tgt Ion:266 Resp: 94023
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.7 79.1
 264 65.3 49.5 74.3





#71
Phenanthrene
Concen: 57.885 ng
RT: 17.248 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

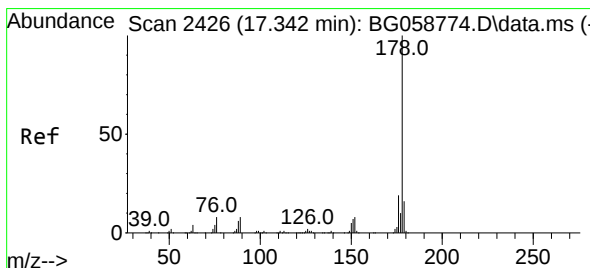
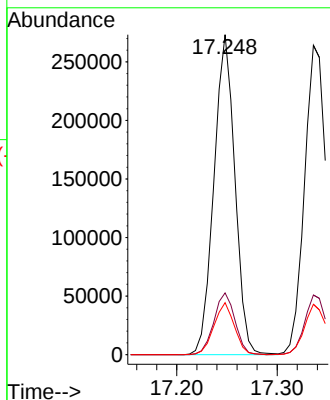
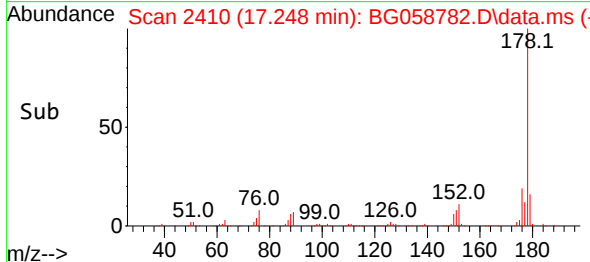
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



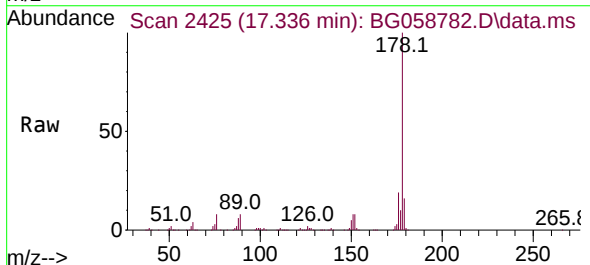
Tgt Ion:178 Resp: 397417
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.2 13.0 19.4

Manual Integrations
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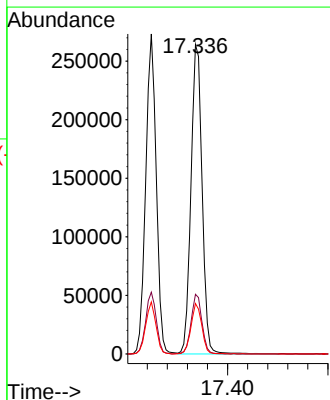
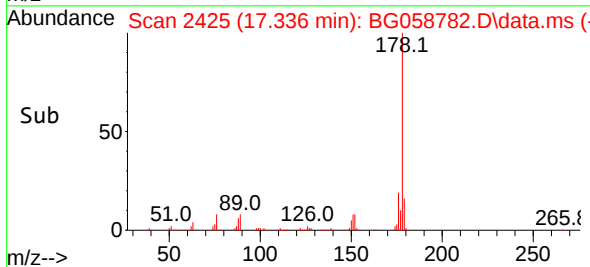
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

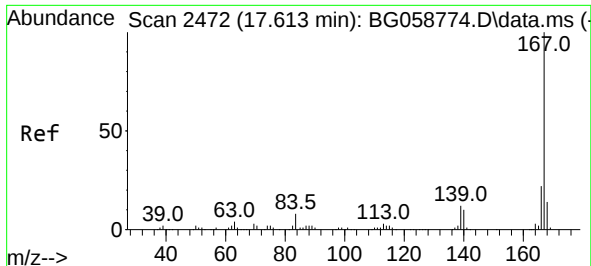


#72
Anthracene
Concen: 58.939 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



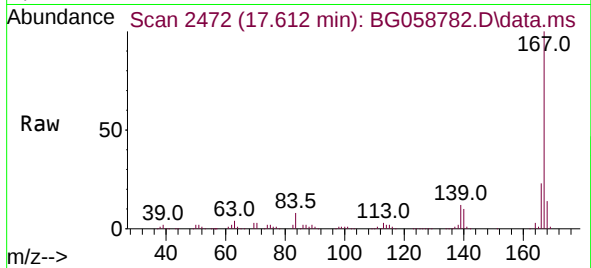
Tgt Ion:178 Resp: 405847
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.3 12.9 19.3





#73
 Carbazole
 Concen: 60.273 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51

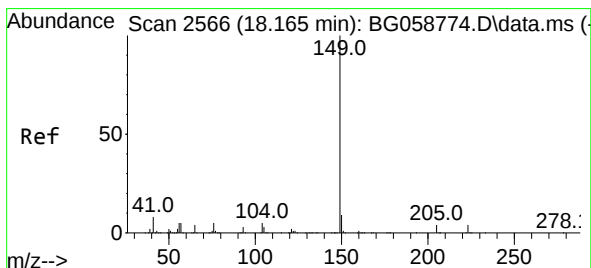
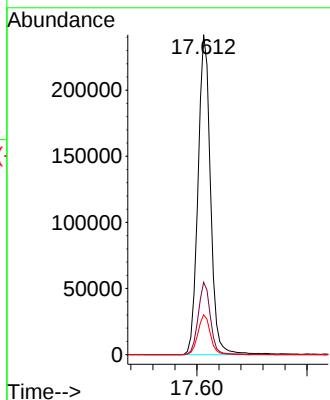
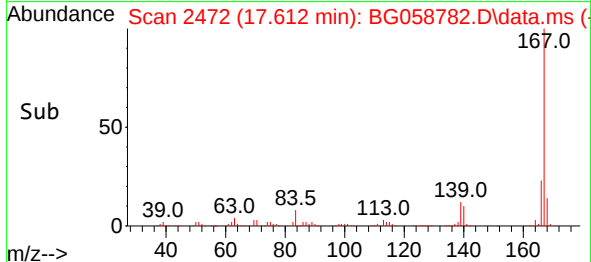
Instrument :
 BNA_G
 ClientSampleId :
 PB154929BSD



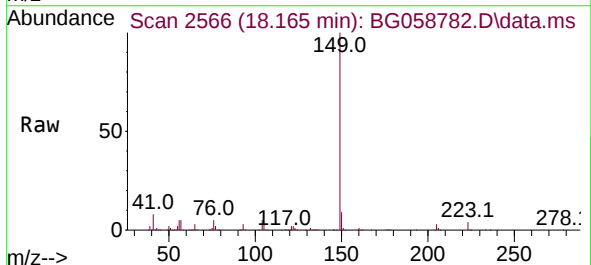
Tgt Ion:167 Resp: 380058
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.2
 139 12.4 9.7 14.5

Manual Integrations
 APPROVED

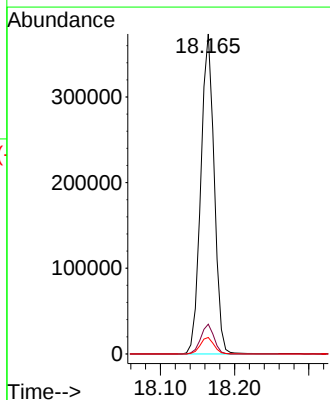
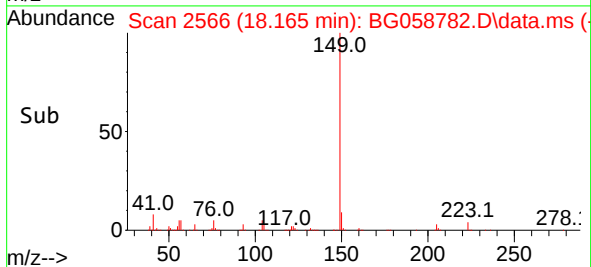
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

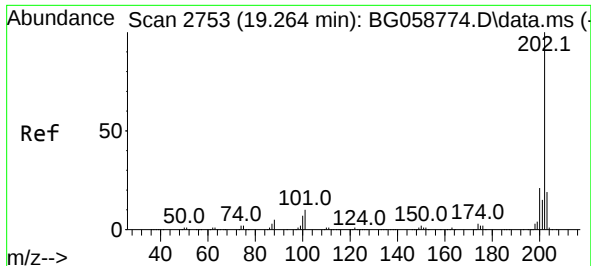


#74
 Di-n-butylphthalate
 Concen: 58.805 ng
 RT: 18.165 min Scan# 2566
 Delta R.T. -0.000 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51



Tgt Ion:149 Resp: 467761
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.1 4.3 6.5





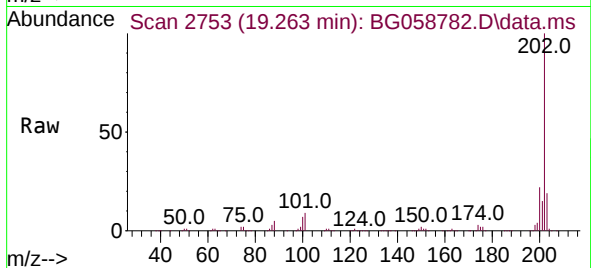
#75
Fluoranthene
Concen: 57.113 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

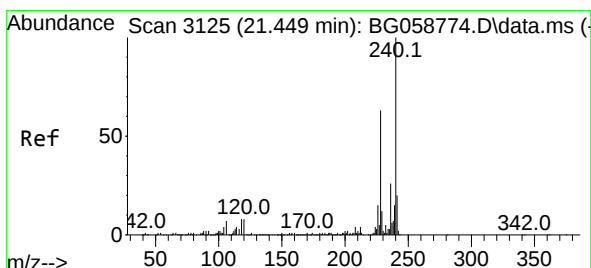
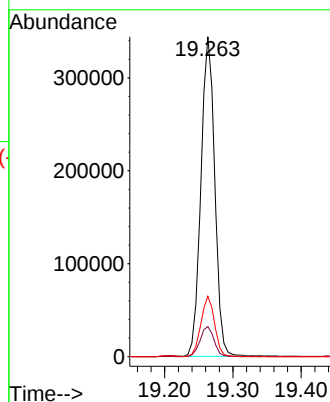
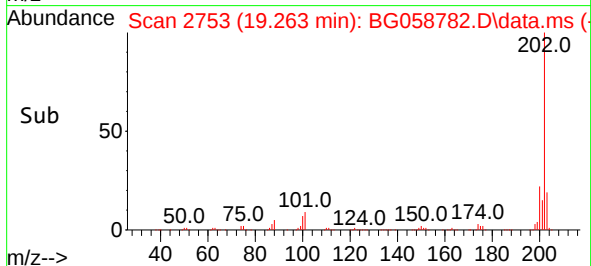


Tgt Ion:202 Resp: 486259
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 18.9 0.0 38.7

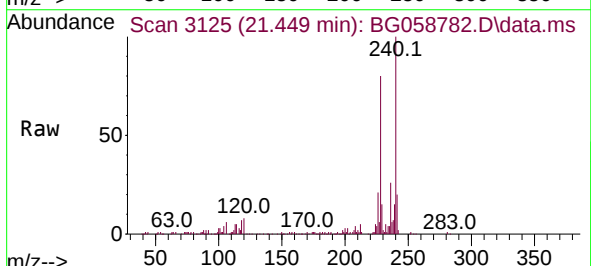
Manual Integrations

APPROVED

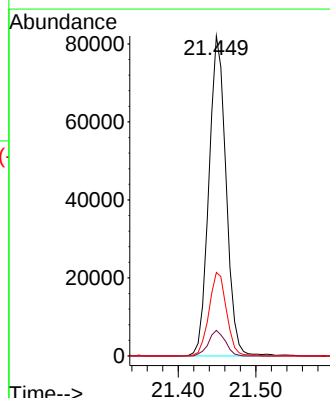
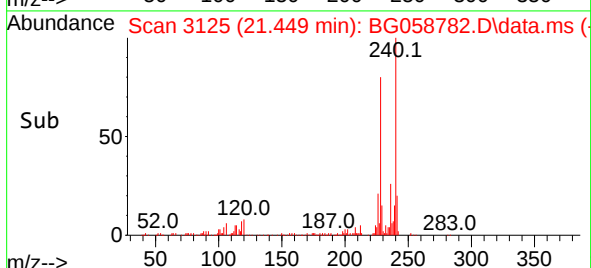
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

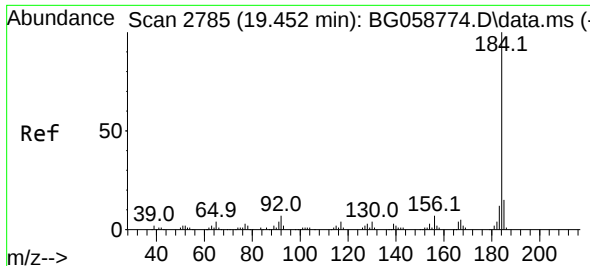


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



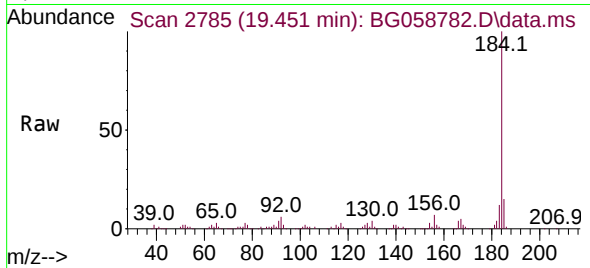
Tgt Ion:240 Resp: 126137
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 26.1 20.5 30.7





#77
Benzidine
Concen: 95.472 ng
RT: 19.451 min Scan# 215825
Delta R.T. -0.001 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

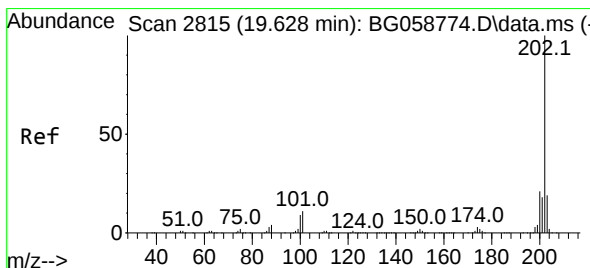
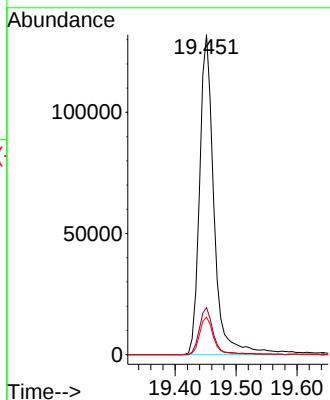
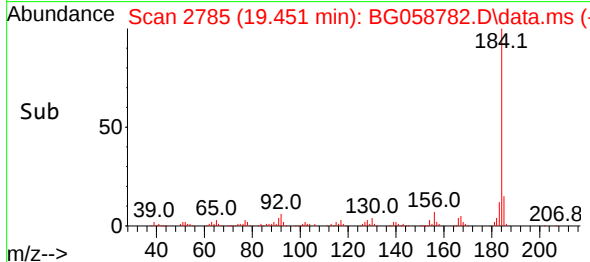
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion:184 Resp: 215825
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.7 10.0 15.0

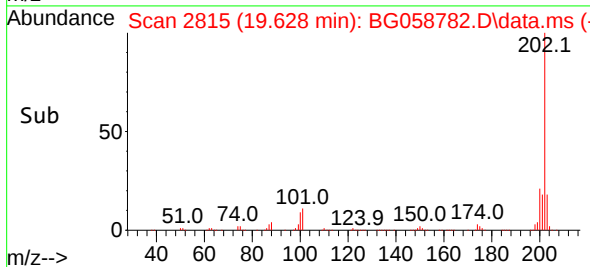
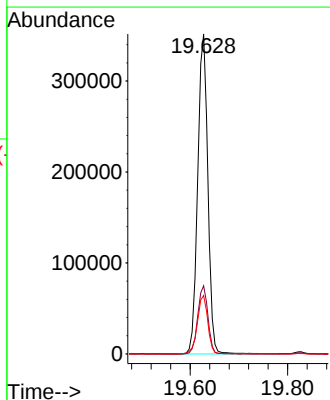
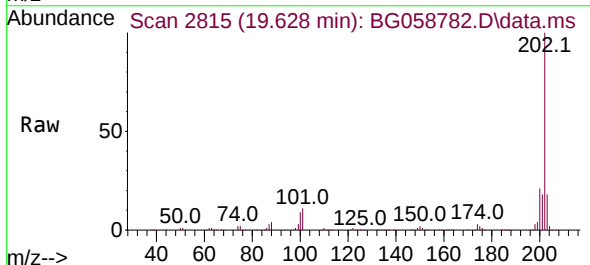
Manual Integrations
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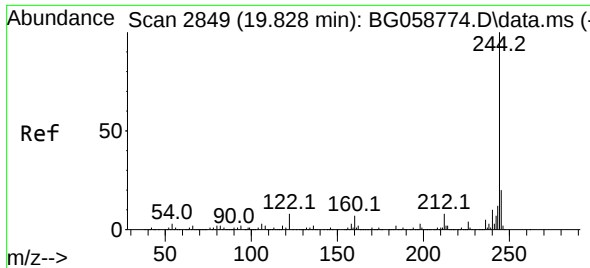
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#78
Pyrene
Concen: 57.483 ng
RT: 19.628 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:202 Resp: 505211
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 18.2 15.3 22.9





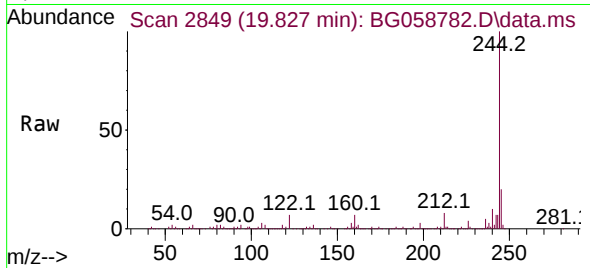
#79
 Terphenyl-d14
 Concen: 115.064 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

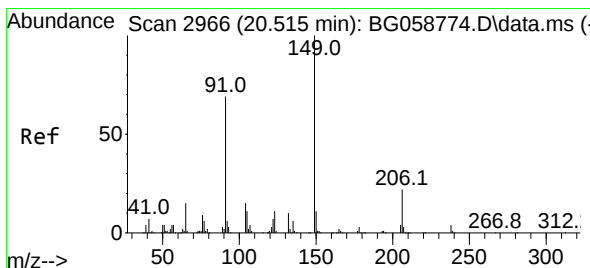
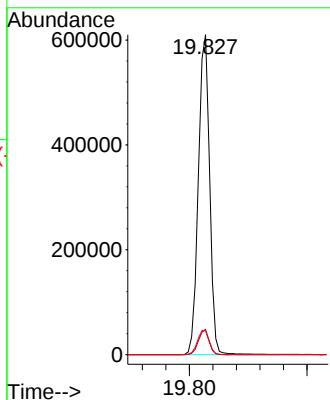
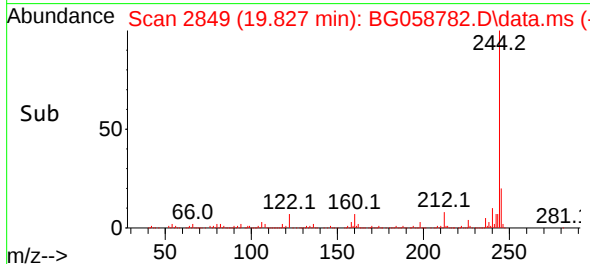


Tgt Ion:244 Resp: 808306
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.4 6.3 9.5

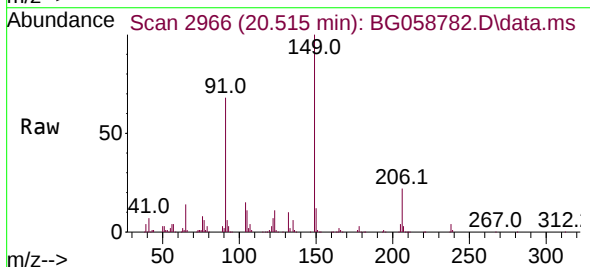
Manual Integrations

APPROVED

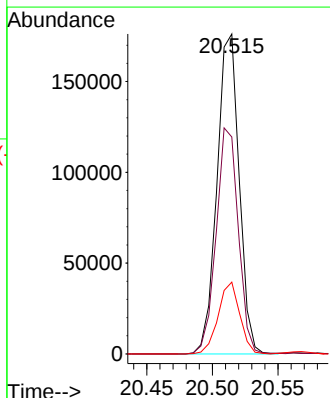
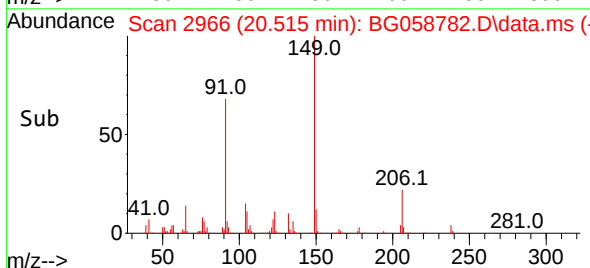
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

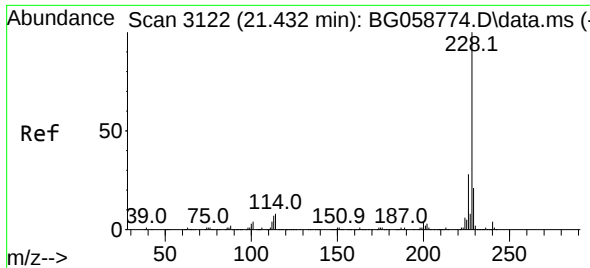


#80
 Butylbenzylphthalate
 Concen: 58.294 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BG058782.D
 Acq: 18 Aug 2023 18:51



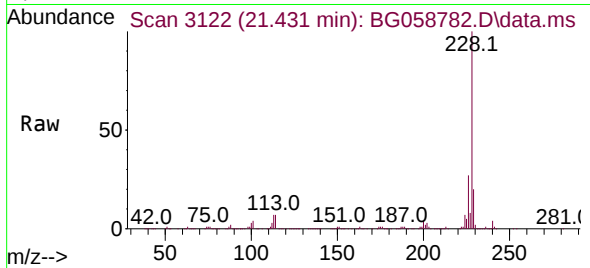
Tgt Ion:149 Resp: 207786
 Ion Ratio Lower Upper
 149 100
 91 67.8 55.0 82.4
 206 22.4 17.6 26.4





#81
Benzo(a)anthracene
Concen: 57.914 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

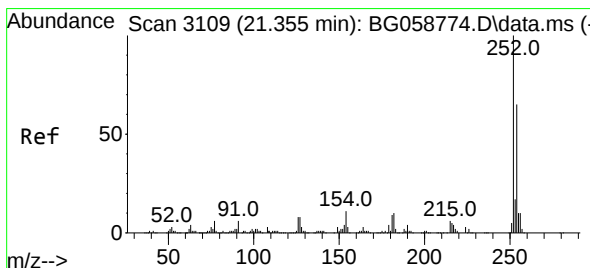
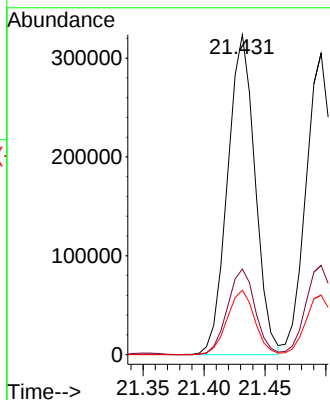
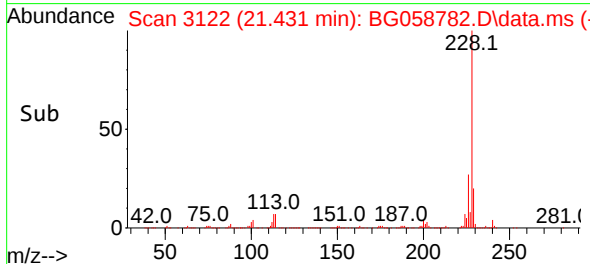
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



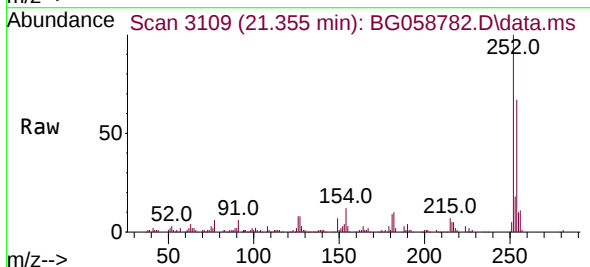
Tgt Ion:228 Resp: 508508
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 20.1 16.8 25.2

Manual Integrations
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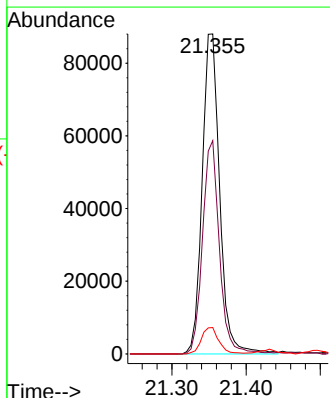
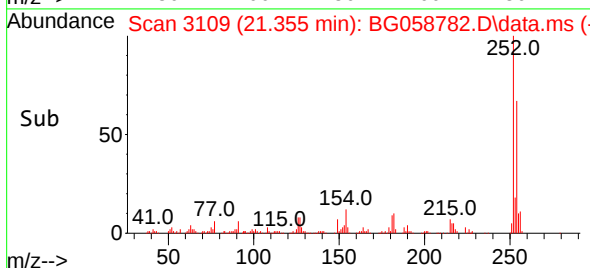
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

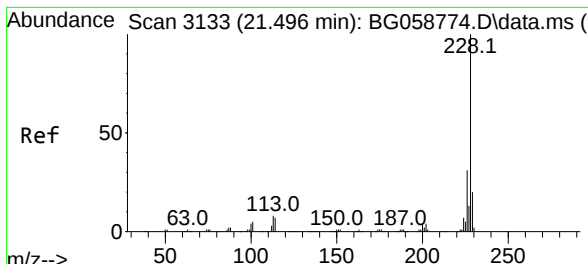


#82
3,3'-Dichlorobenzidine
Concen: 47.604 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion:252 Resp: 144304
Ion Ratio Lower Upper
252 100
254 66.6 51.8 77.6
126 8.2 6.6 9.8





#83

Chrysene

Concen: 56.517 ng

RT: 21.496 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

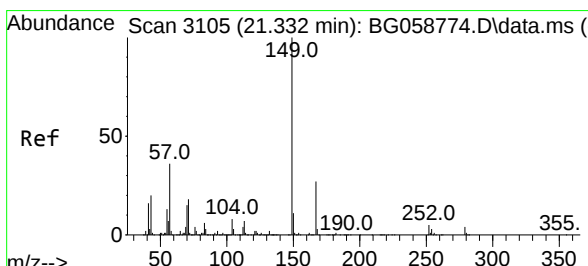
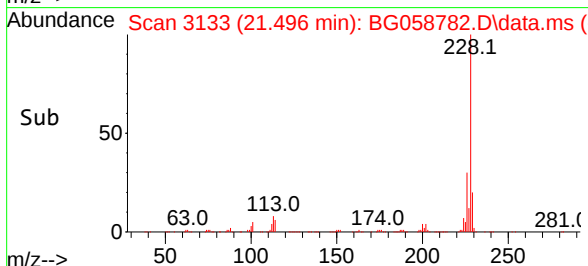
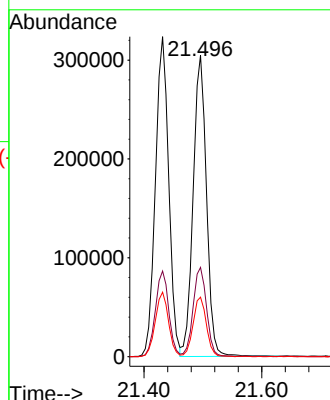
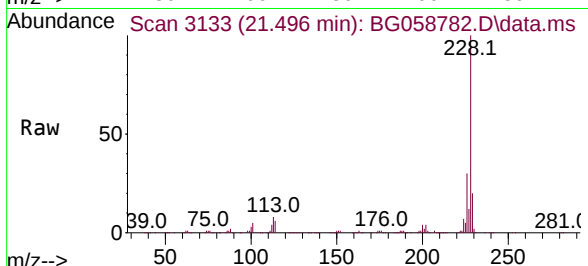
PB154929BSD

Tgt Ion:	228	Resp:	478315
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.4	36.6
229	19.7	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.878 ng

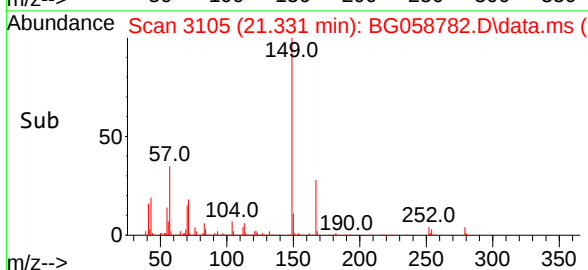
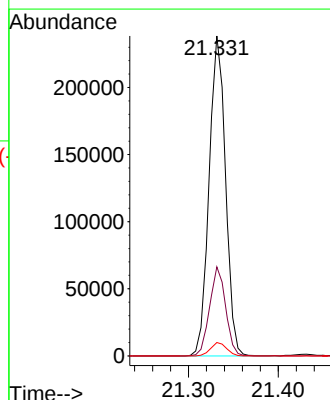
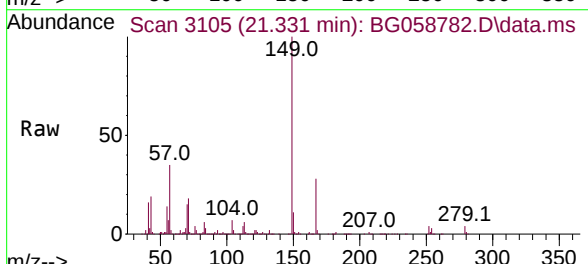
RT: 21.331 min Scan# 3105

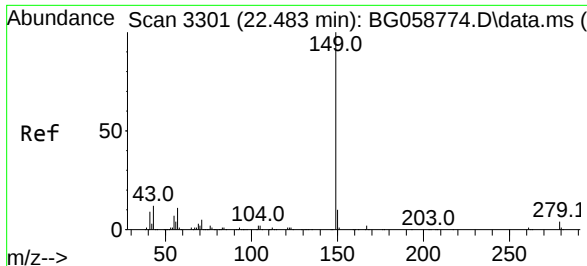
Delta R.T. -0.000 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

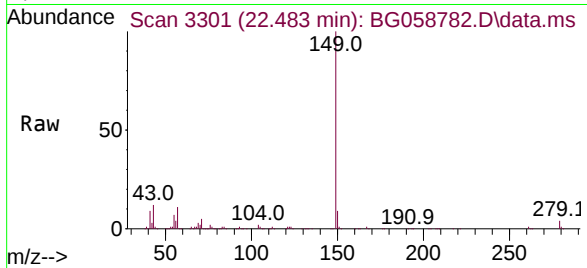
Tgt Ion:	149	Resp:	302576
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.7	32.5
279	4.2	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 58.715 ng
RT: 22.483 min Scan# 3301
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

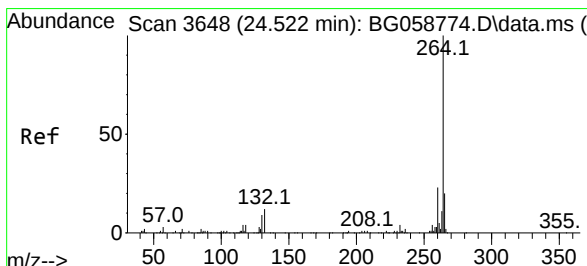
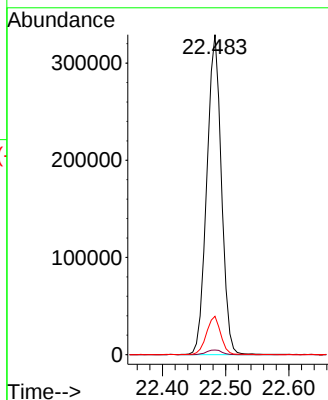
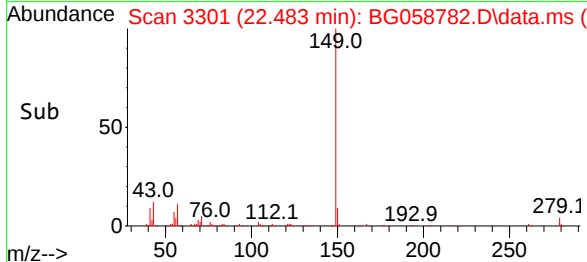
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



Tgt Ion:149 Resp: 527952
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.8 9.7 14.5

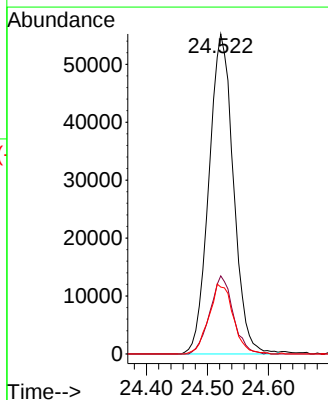
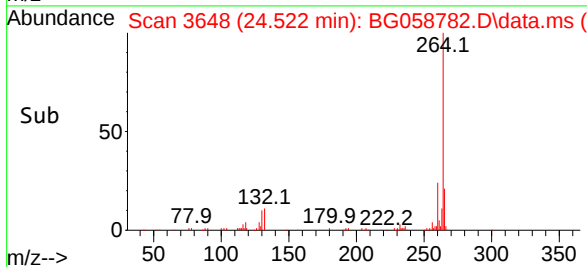
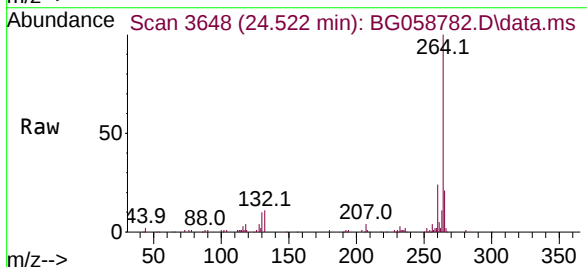
Manual Integrations
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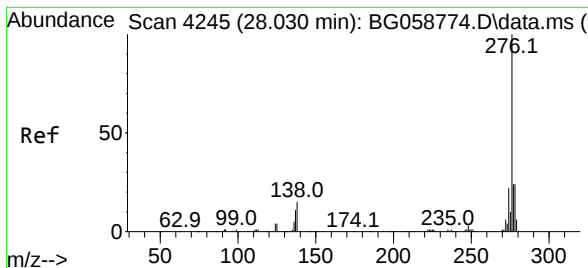
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

Tgt Ion:264 Resp: 154064
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.2
265 20.9 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.365 ng

RT: 28.029 min Scan# 4245

Delta R.T. -0.000 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

Instrument :

BNA_G

ClientSampleId :

PB154929BSD

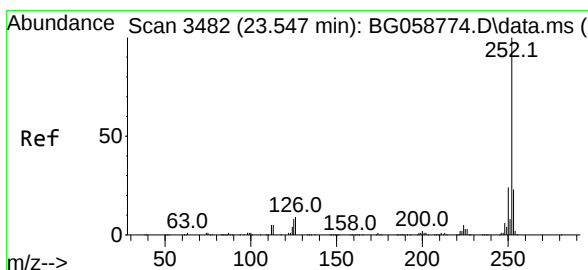
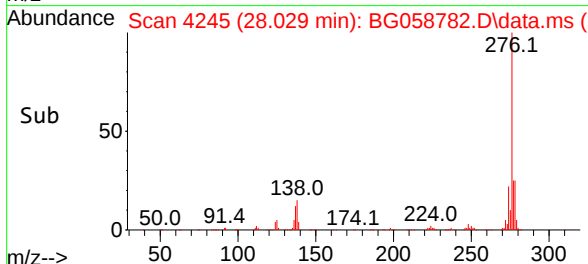
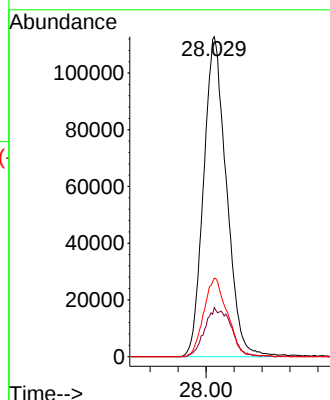
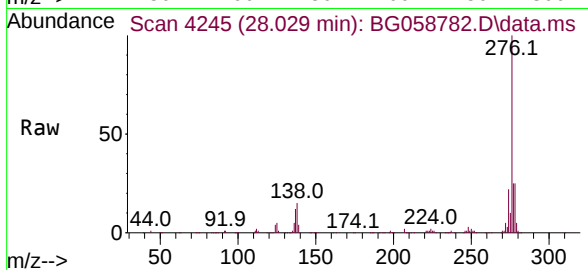
Tgt Ion:	276	Resp:	639633
Ion Ratio	Lower	Upper	
276	100		
138	17.4	6.2	9.2
277	25.4	20.4	30.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#88

Benzo(b)fluoranthene

Concen: 63.595 ng

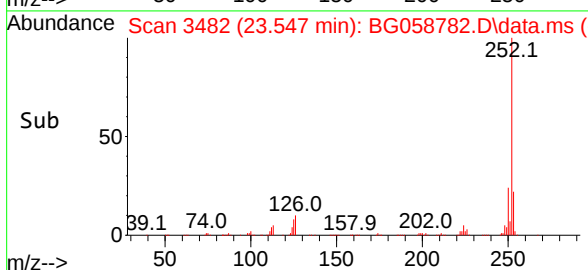
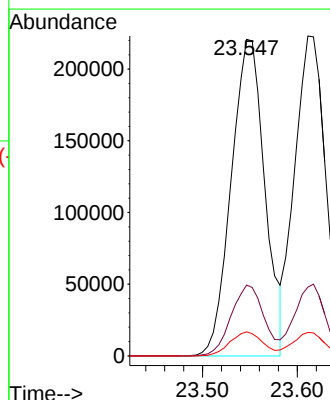
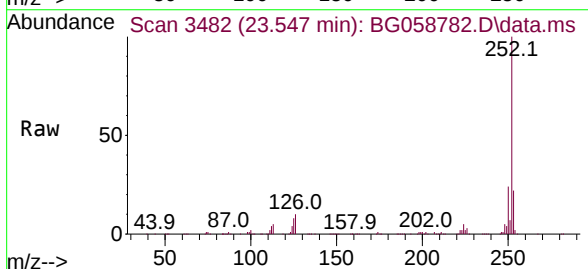
RT: 23.547 min Scan# 3482

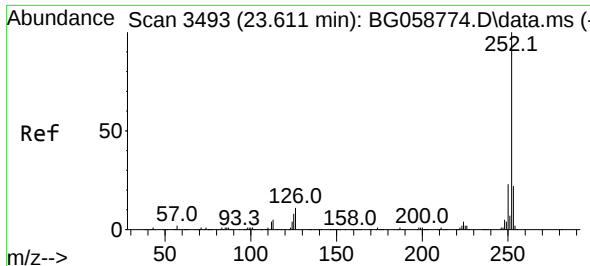
Delta R.T. -0.000 min

Lab File: BG058782.D

Acq: 18 Aug 2023 18:51

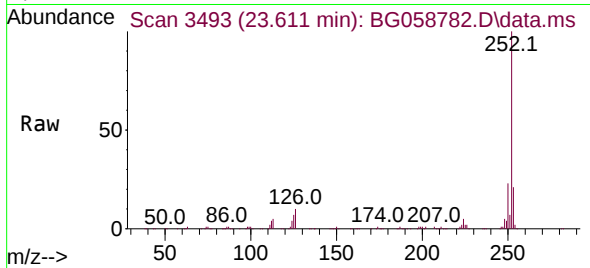
Tgt Ion:	252	Resp:	543631
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	7.6	6.2	9.2





#89
Benzo(k)fluoranthene
Concen: 58.037 ng
RT: 23.611 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

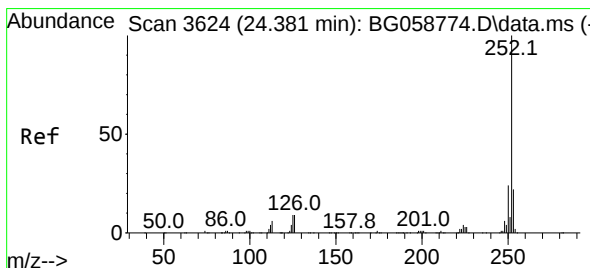
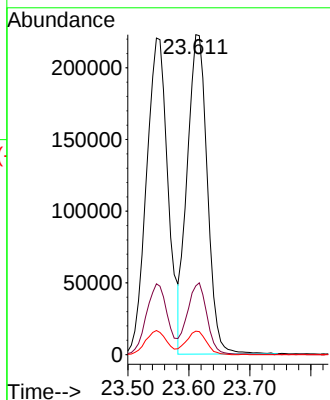
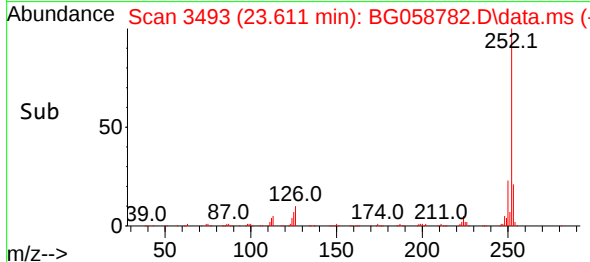
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



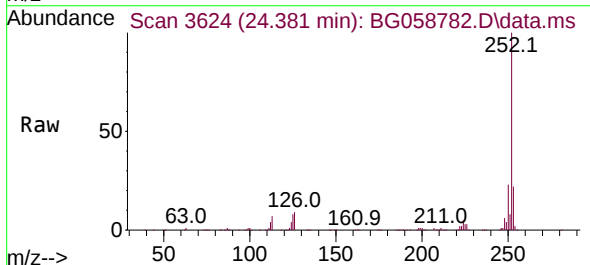
Tgt Ion:252 Resp: 511643
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 7.3 6.3 9.5

Manual Integrations
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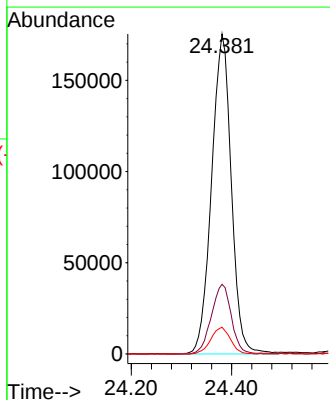
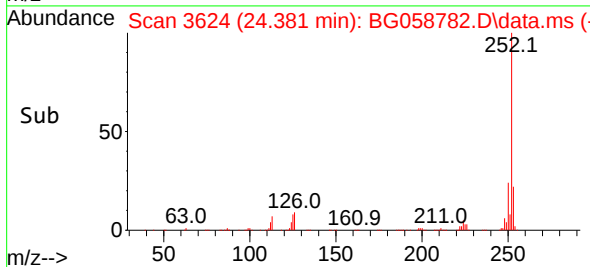
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

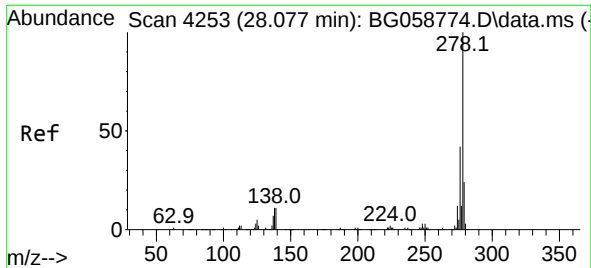


#90
Benzo(a)pyrene
Concen: 56.743 ng
RT: 24.381 min Scan# 3624
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



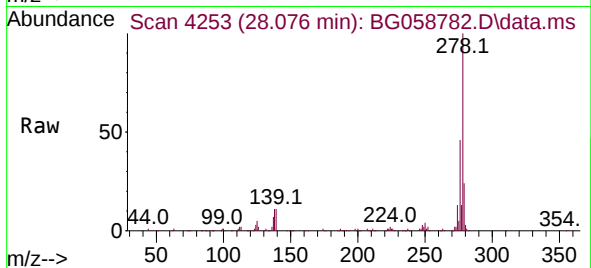
Tgt Ion:252 Resp: 477608
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 61.568 ng
RT: 28.076 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51

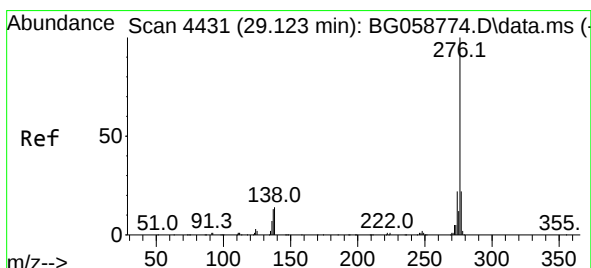
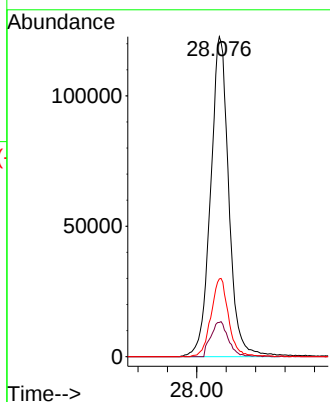
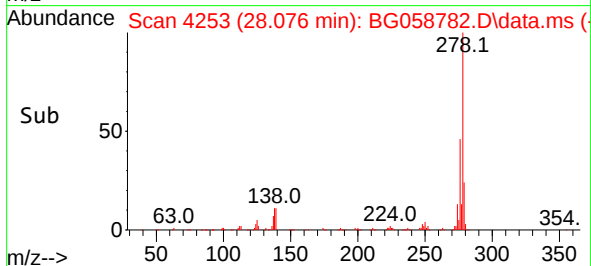
Instrument :
BNA_G
ClientSampleId :
PB154929BSD



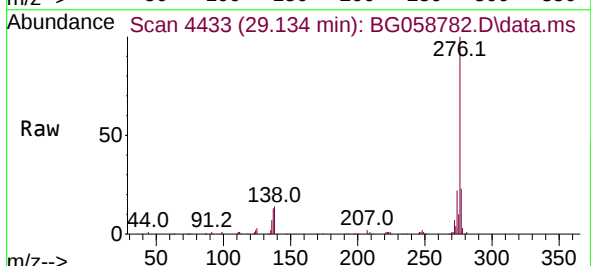
Tgt Ion:278 Resp: 527335
Ion Ratio Lower Upper
278 100
139 10.7 8.9 13.3
279 24.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#92
Benzo(g,h,i)perylene
Concen: 60.126 ng
RT: 29.134 min Scan# 4433
Delta R.T. 0.011 min
Lab File: BG058782.D
Acq: 18 Aug 2023 18:51



Tgt Ion:276 Resp: 514886
Ion Ratio Lower Upper
276 100
277 22.6 17.8 26.6
138 14.0 11.1 16.7

