

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058749.D
 Acq On : 16 Aug 2023 15:25
 Operator : MA/JU
 Sample : PB154284BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154284BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 16 16:04:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	24643	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	107160	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	78630	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	201650	20.000	ng	0.00
76) Chrysene-d12	21.454	240	176657	20.000	ng	0.00
86) Perylene-d12	24.527	264	223093	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	246415	152.836	ng	0.00
7) Phenol-d6	6.989	99	337729	150.539	ng	0.00
23) Nitrobenzene-d5	8.981	82	208557	95.609	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	175957	136.528	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	485231	92.479	ng	0.00
79) Terphenyl-d14	19.827	244	926624	98.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	28080	35.942	ng	# 87
3) Pyridine	3.657	79	69875	32.805	ng	# 79
4) n-Nitrosodimethylamine	3.581	42	47437	52.562	ng	80
6) Aniline	7.136	93	100560	36.407	ng	96
8) 2-Chlorophenol	7.377	128	88250	55.795	ng	98
9) Benzaldehyde	6.948	77	47321	38.824	ng	95
10) Phenol	7.012	94	122797	56.033	ng	95
11) bis(2-Chloroethyl)ether	7.236	93	80003	46.306	ng	95
12) 1,3-Dichlorobenzene	7.700	146	83920	49.688	ng	97
13) 1,4-Dichlorobenzene	7.847	146	88332	52.087	ng	98
14) 1,2-Dichlorobenzene	8.164	146	85363	52.649	ng	99
15) Benzyl Alcohol	8.052	79	89458	62.877	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.340	45	174465m	62.165	ng	
17) 2-Methylphenol	8.264	107	82611	51.555	ng	99
18) Hexachloroethane	8.887	117	32497	52.721	ng	95
19) n-Nitroso-di-n-propyla...	8.616	70	70817	48.869	ng	91
20) 3+4-Methylphenols	8.587	107	111784	51.574	ng	98
22) Acetophenone	8.634	105	138572	48.294	ng	95
24) Nitrobenzene	9.022	77	105220	47.447	ng	95
25) Isophorone	9.539	82	204775	45.434	ng	99
26) 2-Nitrophenol	9.727	139	49496	51.273	ng	94
27) 2,4-Dimethylphenol	9.791	122	86745	54.174	ng	95
28) bis(2-Chloroethoxy)met...	10.020	93	116424	47.466	ng	97
29) 2,4-Dichlorophenol	10.267	162	87747	52.779	ng	100
30) 1,2,4-Trichlorobenzene	10.479	180	96444	50.301	ng	98
31) Naphthalene	10.661	128	268320	47.507	ng	99
32) Benzoic acid	9.956	122	50610	42.029	ng	95
33) 4-Chloroaniline	10.778	127	69510	29.129	ng	99
34) Hexachlorobutadiene	10.943	225	62052	50.255	ng	97
35) Caprolactam	11.560	113	31659m	51.567	ng	
36) 4-Chloro-3-methylphenol	11.912	107	106014	51.548	ng	97
37) 2-Methylnaphthalene	12.277	142	190353	47.116	ng	96
38) 1-Methylnaphthalene	12.500	142	180011	46.873	ng	97
40) 1,2,4,5-Tetrachloroben...	12.647	216	110818	45.906	ng	99
41) Hexachlorocyclopentadiene	12.623	237	108035	94.960	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	81501	49.085	ng	97

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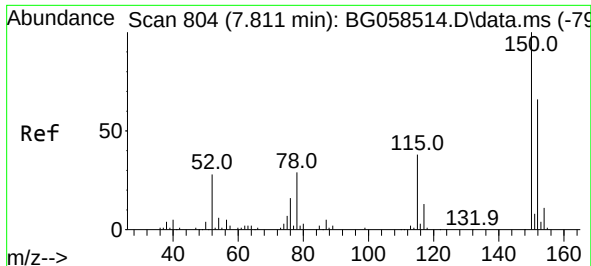
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	87060	44.516	ng	97
46) 1,1'-Biphenyl	13.293	154	253939	47.026	ng	98
47) 2-Chloronaphthalene	13.334	162	203451	48.322	ng	98
48) 2-Nitroaniline	13.546	65	81659	50.813	ng	97
49) Acenaphthylene	14.180	152	331628	47.046	ng	99
50) Dimethylphthalate	13.922	163	282238	47.794	ng	99
51) 2,6-Dinitrotoluene	14.045	165	63408	48.936	ng	97
52) Acenaphthene	14.527	154	194346	47.715	ng	99
53) 3-Nitroaniline	14.374	138	43092	33.241	ng #	99
54) 2,4-Dinitrophenol	14.592	184	70840	95.395	ng	95
55) Dibenzofuran	14.862	168	331486	47.363	ng	97
56) 4-Nitrophenol	14.697	139	96845	99.952	ng	86
57) 2,4-Dinitrotoluene	14.838	165	92110	51.276	ng	97
58) Fluorene	15.508	166	270018	48.565	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	84100	50.395	ng	98
60) Diethylphthalate	15.279	149	298279	49.581	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	148736	47.983	ng	99
62) 4-Nitroaniline	15.543	138	65237	53.122	ng	90
63) Azobenzene	15.796	77	279142	47.108	ng	97
65) 4,6-Dinitro-2-methylph...	15.602	198	56137	50.489	ng	99
66) n-Nitrosodiphenylamine	15.720	169	242081	46.125	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	101985	44.591	ng	97
68) Hexachlorobenzene	16.513	284	115476	47.647	ng	96
69) Atrazine	16.672	200	105874	59.757	ng	97
70) Pentachlorophenol	16.865	266	119814	81.676	ng	99
71) Phenanthrene	17.247	178	453705	47.443	ng	99
72) Anthracene	17.341	178	461120	46.993	ng	100
73) Carbazole	17.612	167	433895	50.144	ng	98
74) Di-n-butylphthalate	18.164	149	540258	49.847	ng	99
75) Fluoranthene	19.263	202	558551	48.623	ng	98
77) Benzidine	19.451	184	197723	73.809	ng	99
78) Pyrene	19.627	202	572327	47.605	ng	98
80) Butylbenzylphthalate	20.514	149	239297	48.457	ng	95
81) Benzo(a)anthracene	21.431	228	582717	47.931	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	175115	42.602	ng	98
83) Chrysene	21.495	228	541961	46.495	ng	98
84) Bis(2-ethylhexyl)phtha...	21.337	149	347980	48.220	ng	100
85) Di-n-octyl phthalate	22.482	149	615337	48.499	ng	96
87) Indeno(1,2,3-cd)pyrene	28.035	276	715861	48.233	ng #	88
88) Benzo(b)fluoranthene	23.552	252	615336	50.854	ng	100
89) Benzo(k)fluoranthene	23.616	252	603813	49.673	ng	100
90) Benzo(a)pyrene	24.380	252	549745	46.263	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	603420	49.171	ng	98
92) Benzo(g,h,i)perylene	29.122	276	580334	47.160	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

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BNA_G

ClientSampleId :

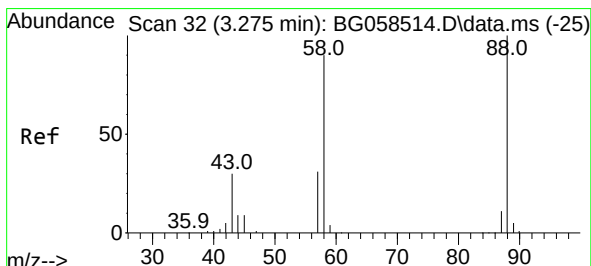
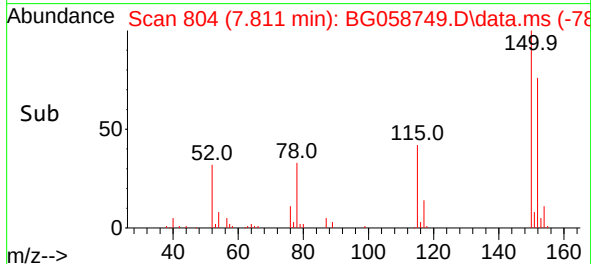
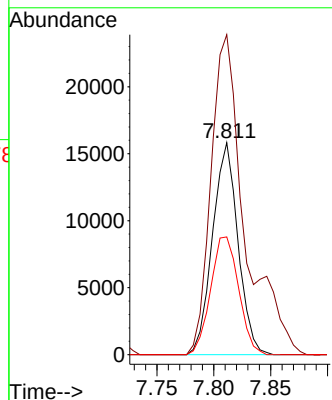
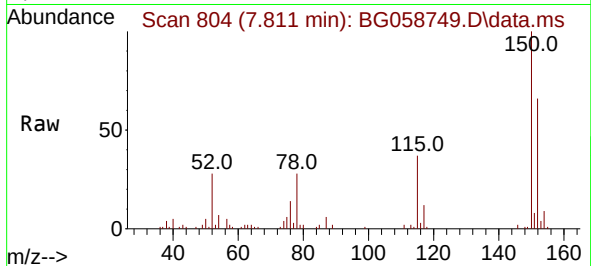
PB154284BS

Tgt Ion:152 Resp: 2464
Ion Ratio Lower Upper
152 100
150 150.9 120.5 180.7
115 55.5 45.9 68.9

Manual Integrations

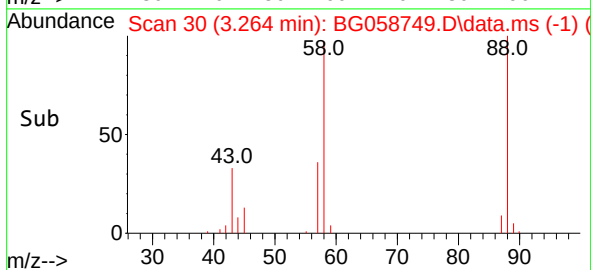
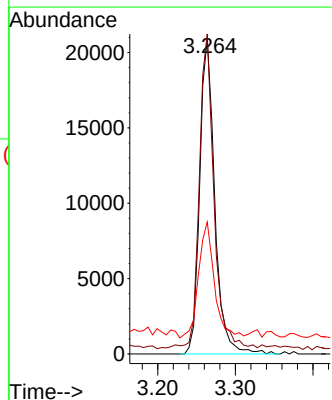
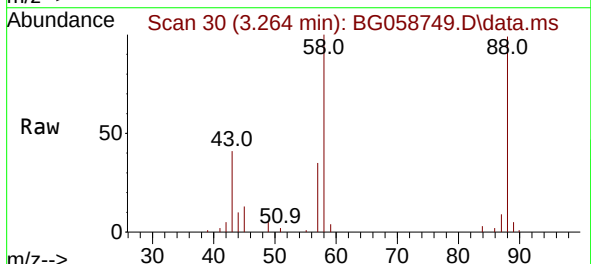
APPROVED

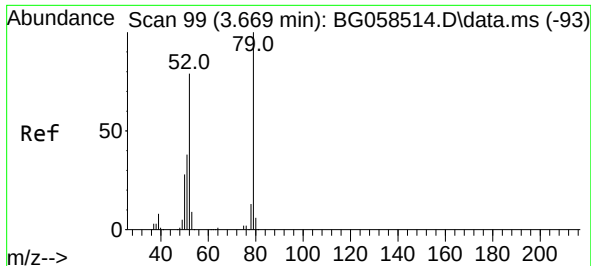
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#2
1,4-Dioxane
Concen: 35.942 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

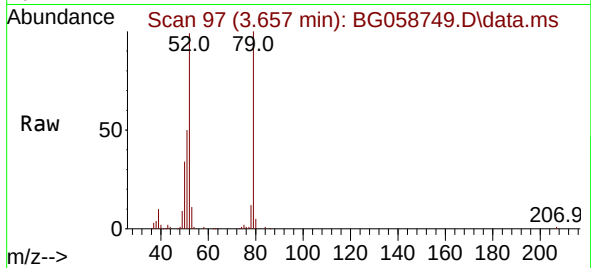
Tgt Ion: 88 Resp: 28080
Ion Ratio Lower Upper
88 100
58 96.5 68.9 103.3
43 38.9 22.9 34.3#





#3
Pyridine
Concen: 32.805 ng
RT: 3.657 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

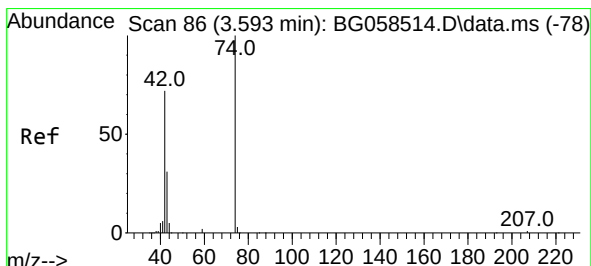
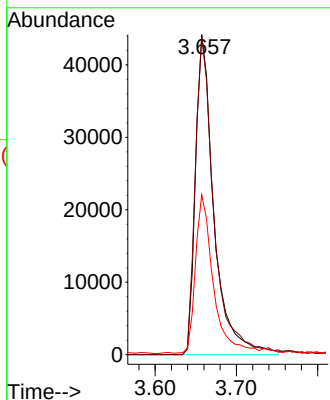
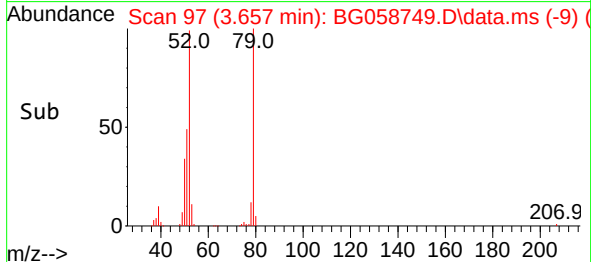
Instrument :
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ClientSampleId :
PB154284BS



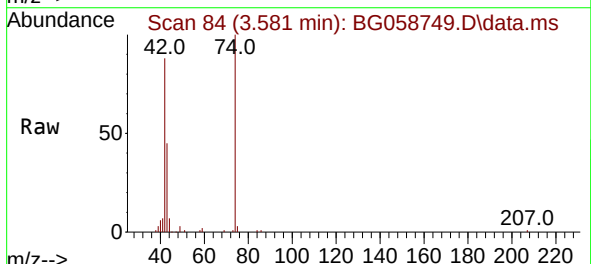
Tgt Ion: 79 Resp: 69875
Ion Ratio Lower Upper
79 100
52 99.3 63.2 94.8
51 49.9 31.9 47.9

Manual Integrations
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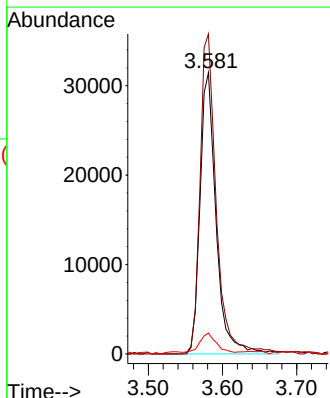
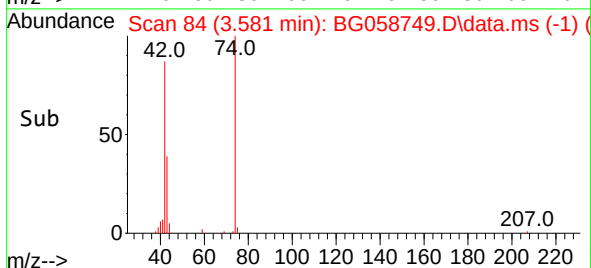
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

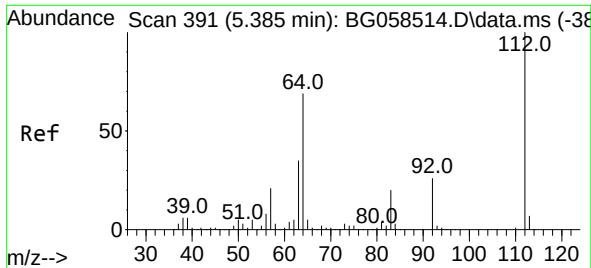


#4
n-Nitrosodimethylamine
Concen: 52.562 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion: 42 Resp: 47437
Ion Ratio Lower Upper
42 100
74 113.8 111.5 167.3
44 7.5 5.4 8.2





#5
2-Fluorophenol
Concen: 152.836 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

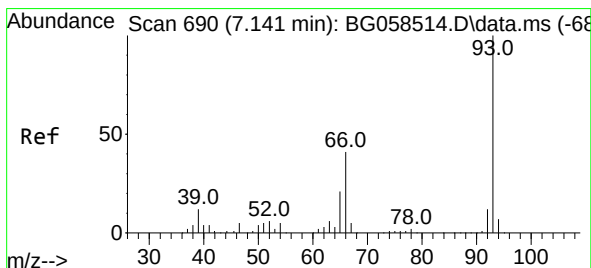
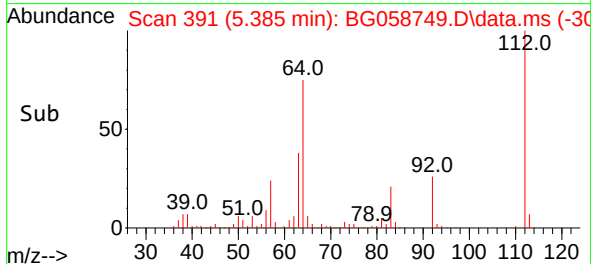
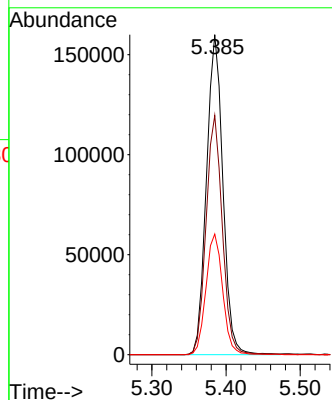
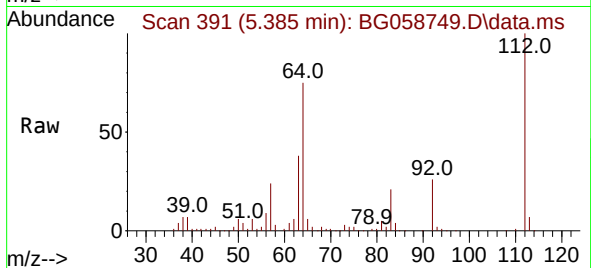
PB154284BS

Tgt Ion:112 Resp: 246415
Ion Ratio Lower Upper
112 100
64 74.7 55.3 82.9
63 37.7 28.3 42.5

Manual Integrations

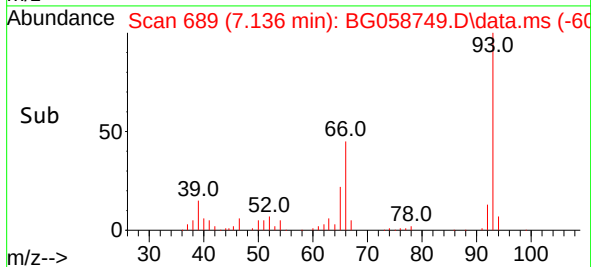
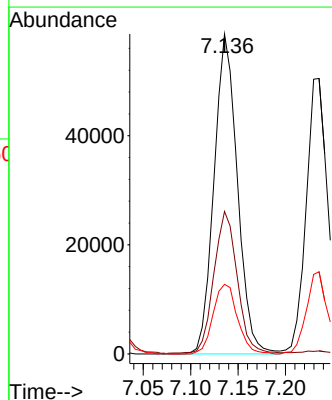
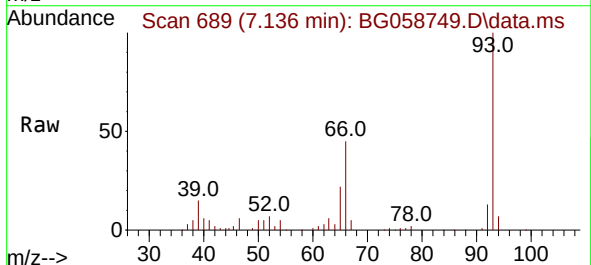
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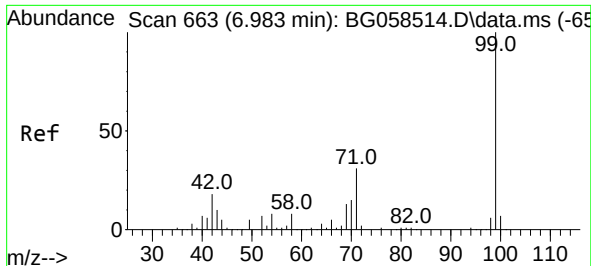
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#6
Aniline
Concen: 36.407 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion: 93 Resp: 100560
Ion Ratio Lower Upper
93 100
66 44.6 33.1 49.7
65 21.8 17.0 25.4





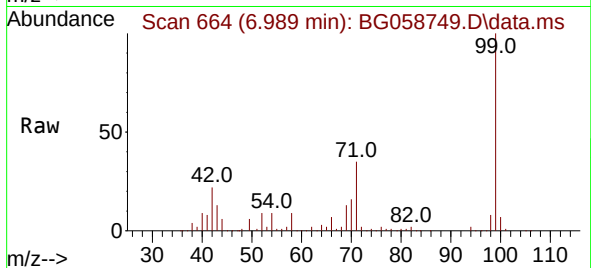
#7
Phenol-d6
Concen: 150.539 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS



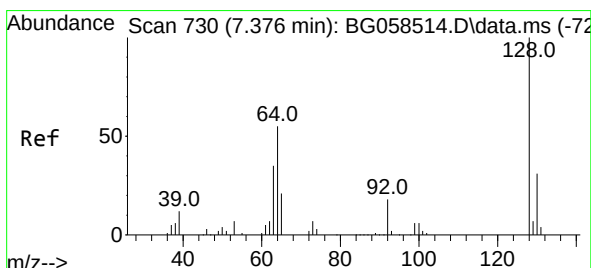
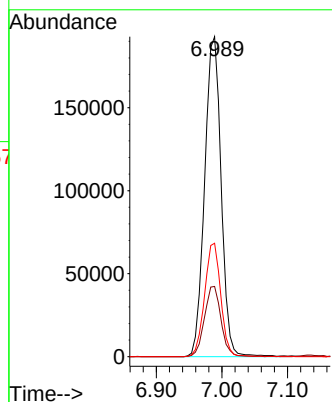
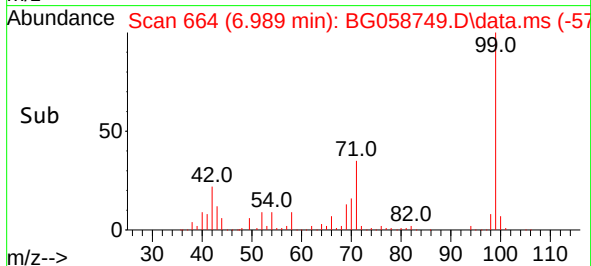
Tgt Ion: 99 Resp: 337729
Ion Ratio Lower Upper
99 100
42 21.9 14.6 21.8
71 35.4 25.0 37.4

Manual Integrations

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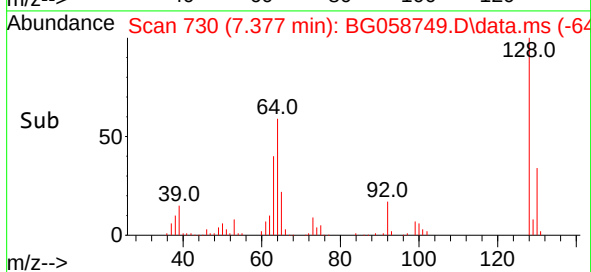
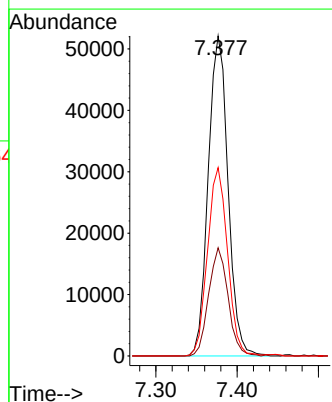
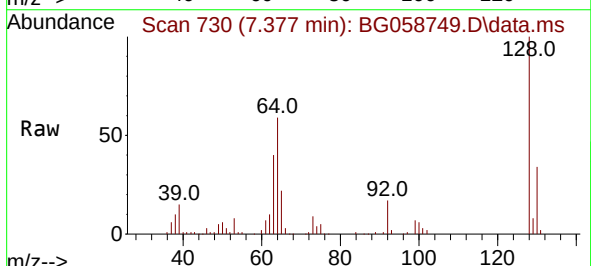
Reviewed By :Yogesh Patel 08/17/2023

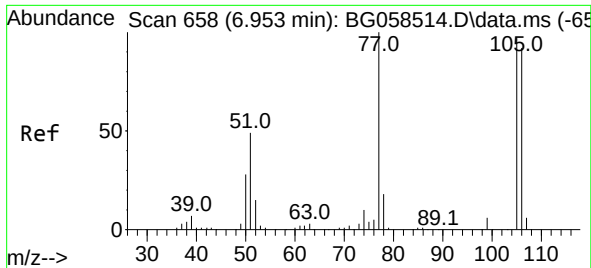
Supervised By :mohammad ahmed 08/17/2023



#8
2-Chlorophenol
Concen: 55.795 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:128 Resp: 88250
Ion Ratio Lower Upper
128 100
130 33.8 10.9 50.9
64 58.8 39.0 79.0





#9
Benzaldehyde
Concen: 38.824 ng
RT: 6.948 min Scan# 657
Delta R.T. -0.005 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

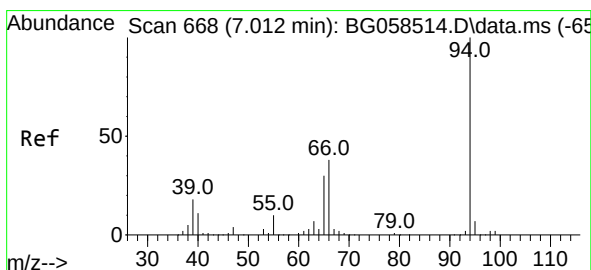
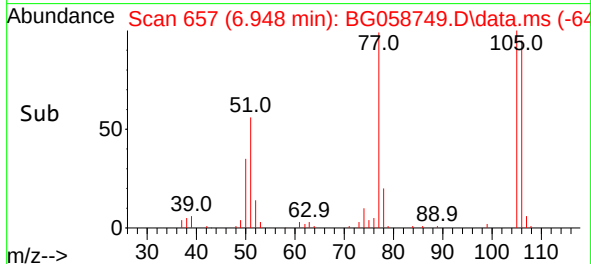
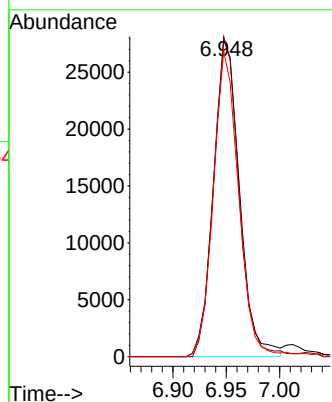
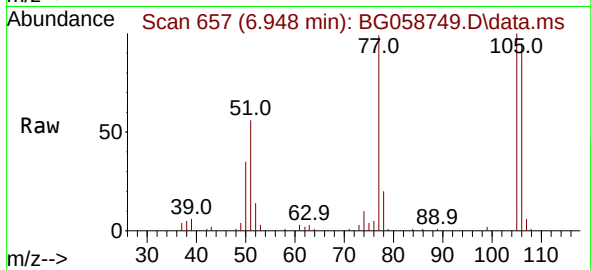
PB154284BS

Tgt Ion: 77 Resp: 4732
Ion Ratio Lower Upper
77 100
105 101.1 77.1 117.1
106 96.5 71.6 111.6

Manual Integrations

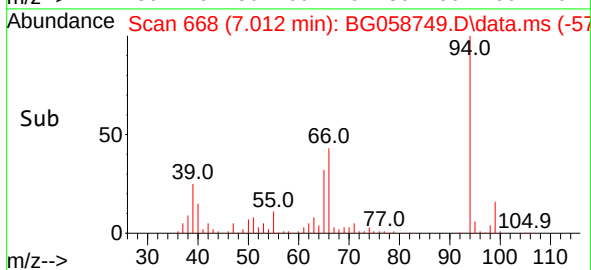
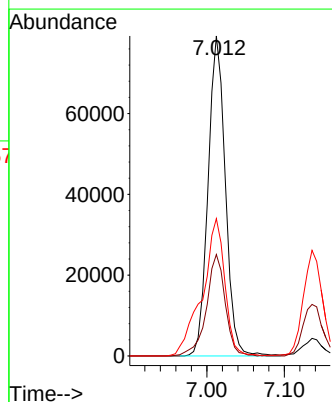
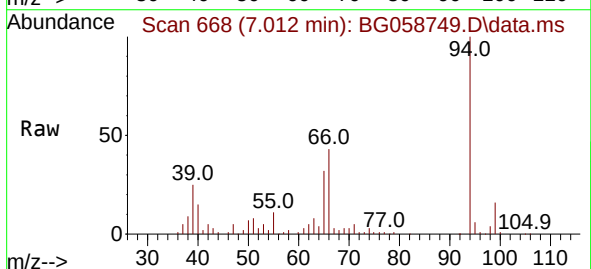
APPROVED

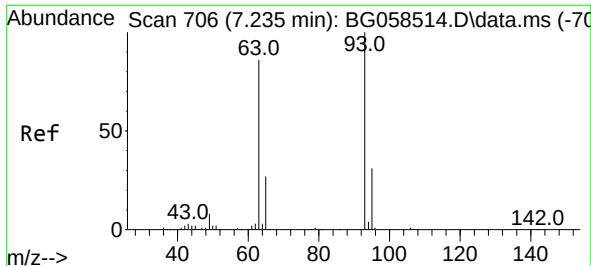
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#10
Phenol
Concen: 56.033 ng
RT: 7.012 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion: 94 Resp: 122797
Ion Ratio Lower Upper
94 100
65 31.7 10.4 50.4
66 42.9 18.7 58.7





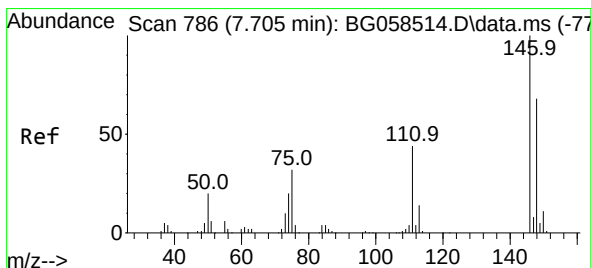
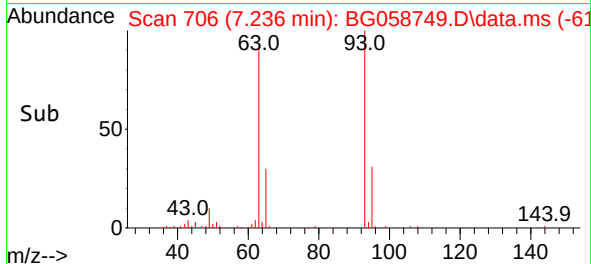
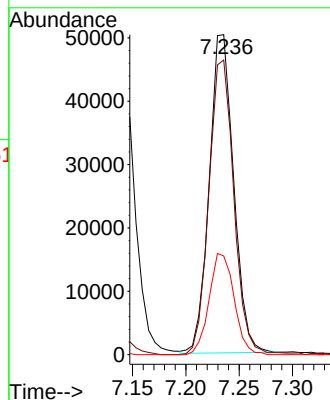
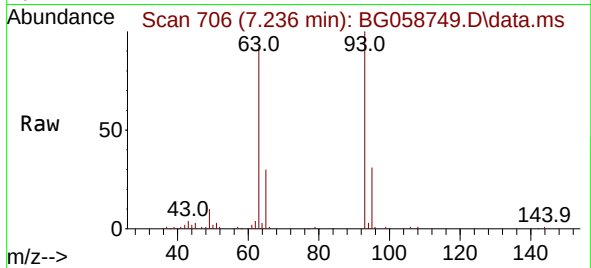
#11
bis(2-Chloroethyl)ether
Concen: 46.306 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :
BNA_G
ClientSampleId :
PB154284BS

Tgt Ion: 93 Resp: 8000
Ion Ratio Lower Upper
93 100
63 92.1 65.5 105.5
95 30.9 11.2 51.2

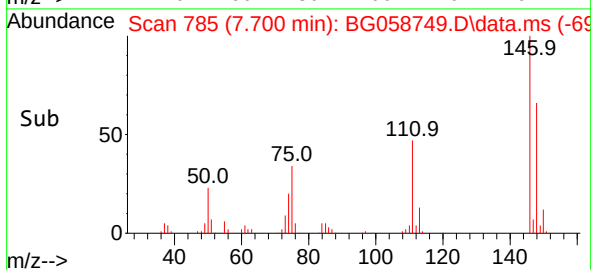
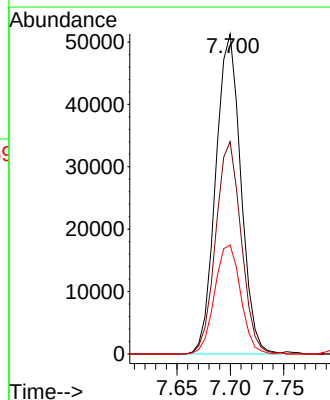
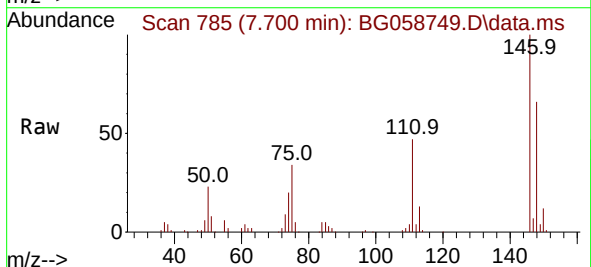
Manual Integrations
APPROVED

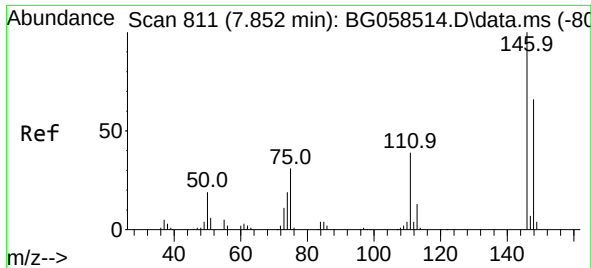
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#12
1,3-Dichlorobenzene
Concen: 49.688 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:146 Resp: 83920
Ion Ratio Lower Upper
146 100
148 66.4 54.7 82.1
75 34.0 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 52.087 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

Tgt Ion:146 Resp: 8833

Ion Ratio Lower Upper

146 100

148 65.1 52.8 79.2

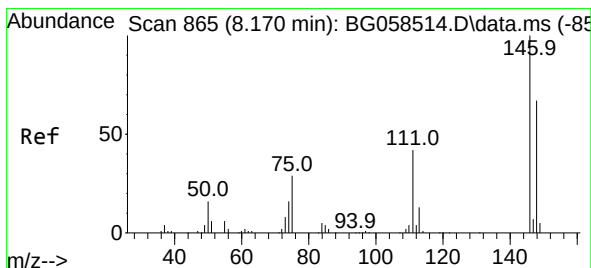
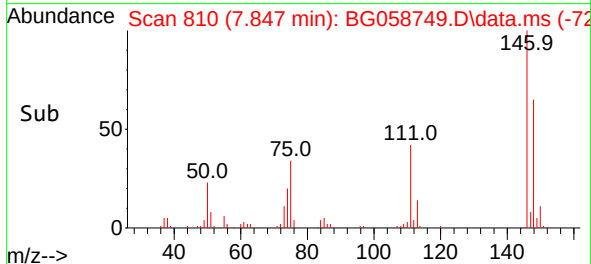
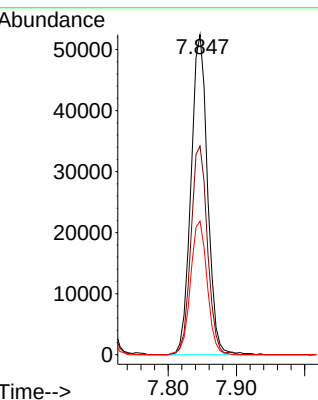
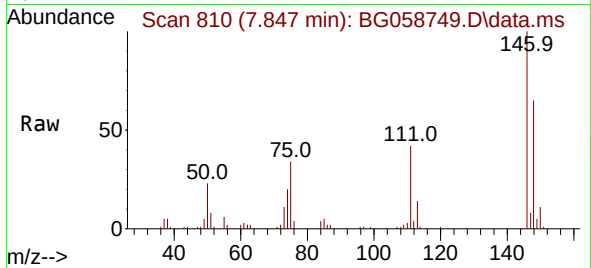
111 41.7 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 52.649 ng

RT: 8.164 min Scan# 864

Delta R.T. -0.006 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

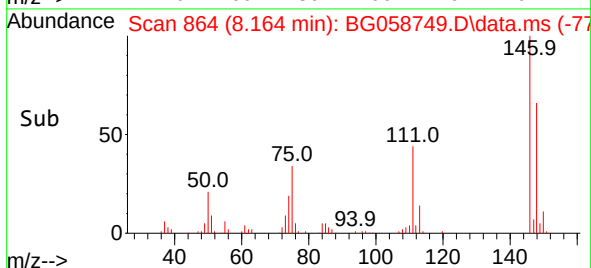
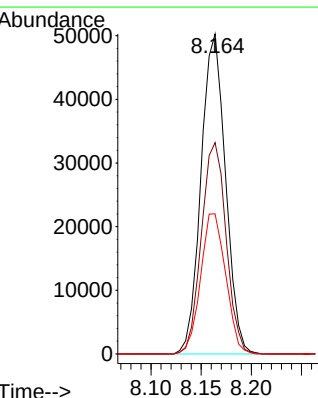
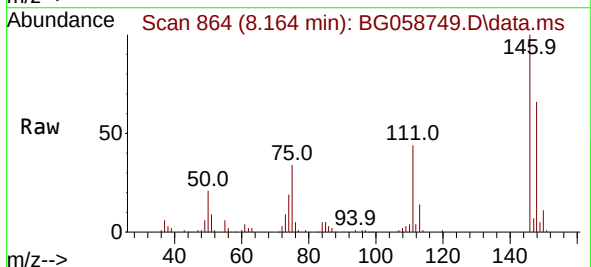
Tgt Ion:146 Resp: 85363

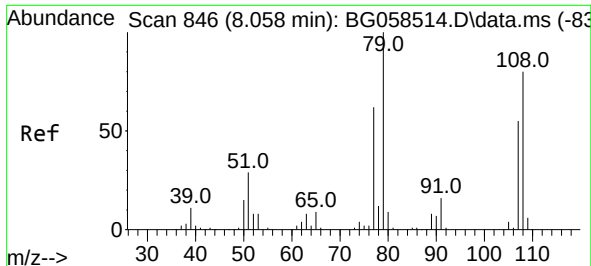
Ion Ratio Lower Upper

146 100

148 66.0 53.4 80.2

111 43.8 34.2 51.2





#15
Benzyl Alcohol
Concen: 62.877 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

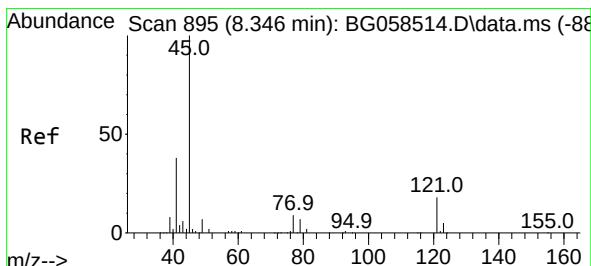
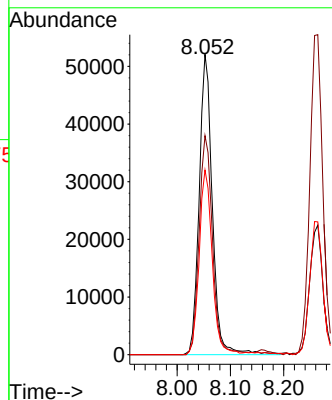
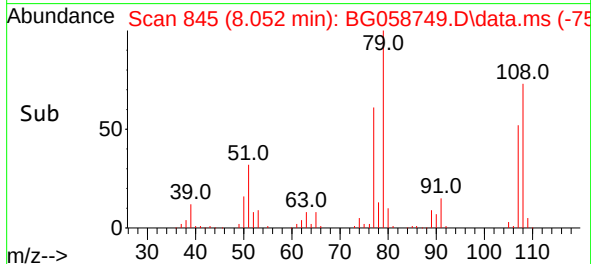
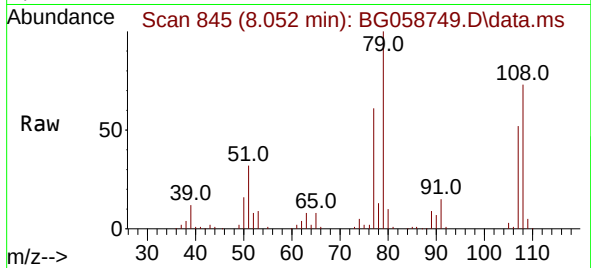
ClientSampleId :

PB154284BS

Tgt Ion: 79 Resp: 89458
Ion Ratio Lower Upper
79 100
108 72.9 63.8 95.6
77 61.4 49.8 74.6

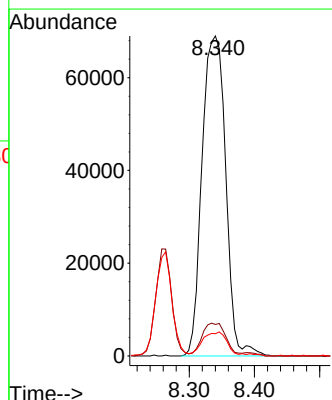
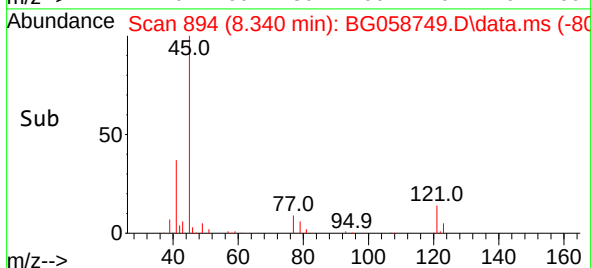
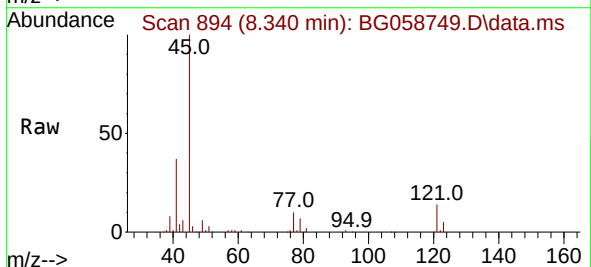
Manual Integrations
APPROVED

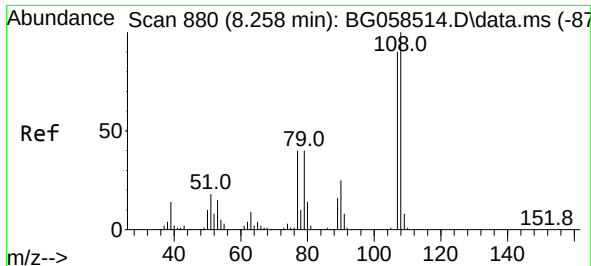
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 62.165 ng m
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

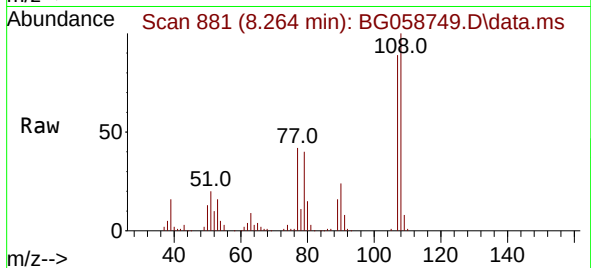
Tgt Ion: 45 Resp: 174465
Ion Ratio Lower Upper
45 100
77 9.9 0.0 32.6
79 6.9 0.0 30.2





#17
2-Methylphenol
Concen: 51.555 ng
RT: 8.264 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

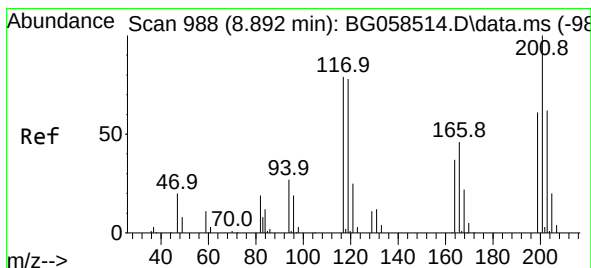
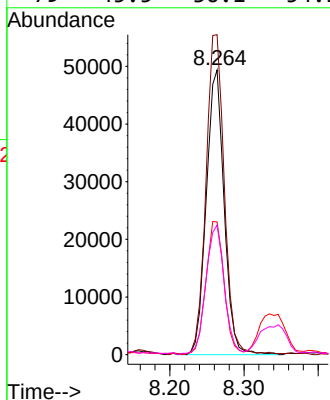
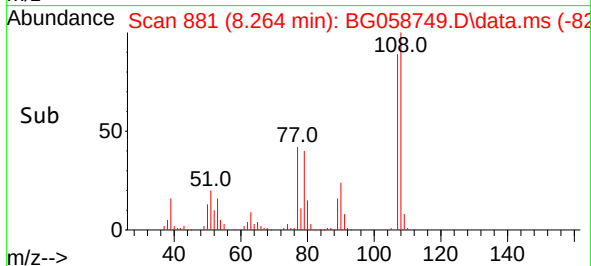
Instrument :
BNA_G
ClientSampleId :
PB154284BS



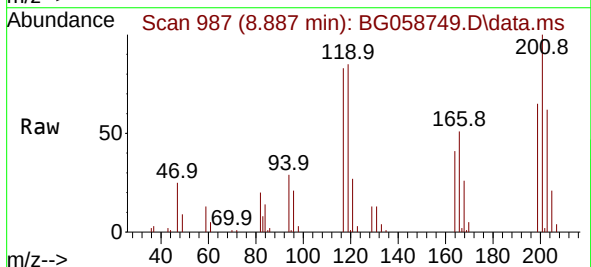
Tgt Ion:107 Resp: 8261
Ion Ratio Lower Upper
107 100
108 112.4 89.1 133.7
77 46.7 36.2 54.4
79 45.5 36.1 54.1

Manual Integrations
APPROVED

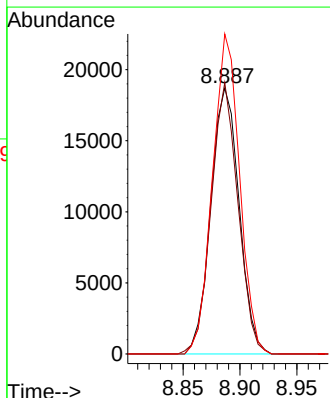
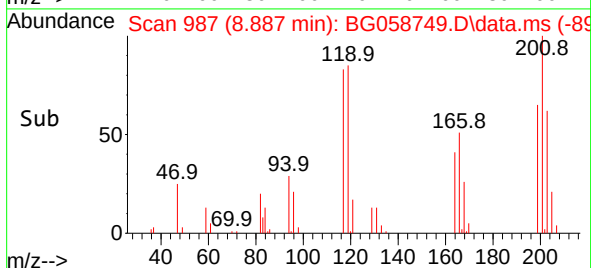
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

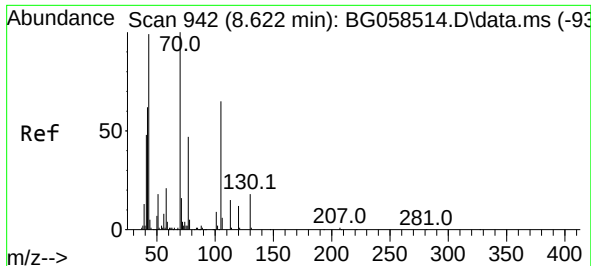


#18
Hexachloroethane
Concen: 52.721 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



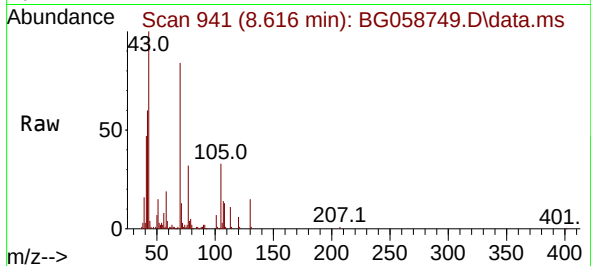
Tgt Ion:117 Resp: 32497
Ion Ratio Lower Upper
117 100
119 102.0 78.6 117.8
201 120.3 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.869 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

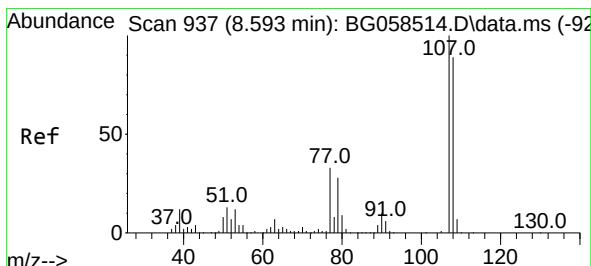
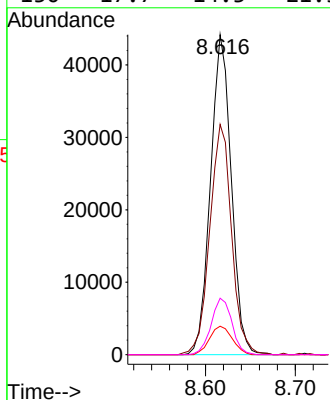
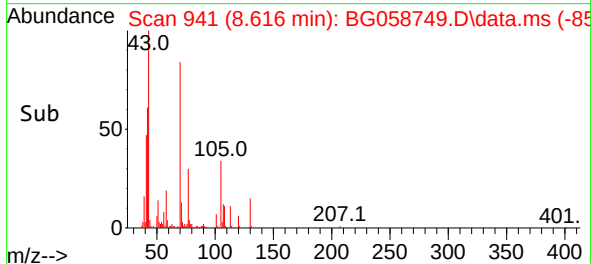
Instrument :
BNA_G
ClientSampleId :
PB154284BS



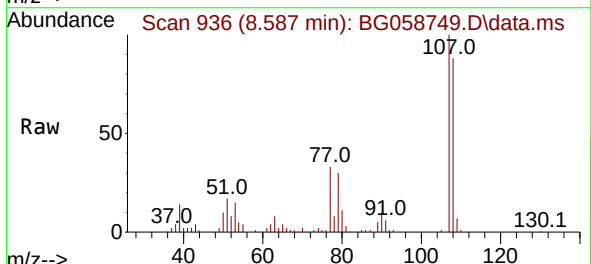
Tgt Ion: 70 Resp: 7081
Ion Ratio Lower Upper
70 100
42 71.9 49.7 74.5
101 8.9 7.0 10.4
130 17.7 14.3 21.5

Manual Integrations
APPROVED

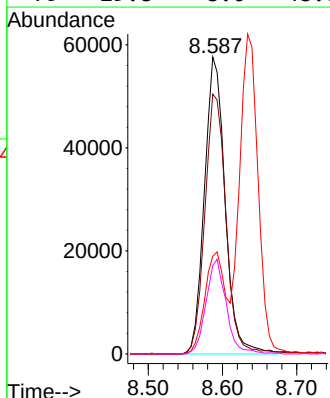
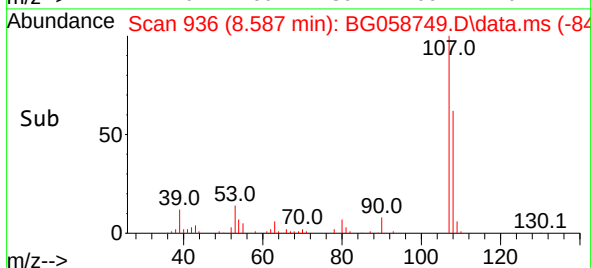
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

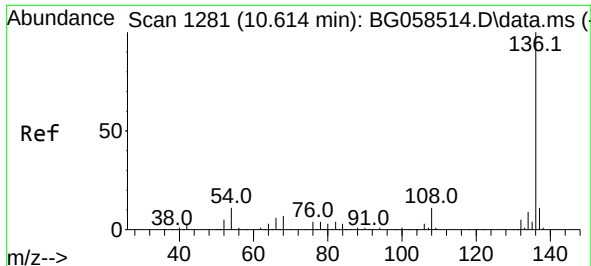


#20
3+4-Methylphenols
Concen: 51.574 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:107 Resp: 111784
Ion Ratio Lower Upper
107 100
108 87.5 69.4 109.4
77 33.0 13.0 53.0
79 29.8 8.0 48.0





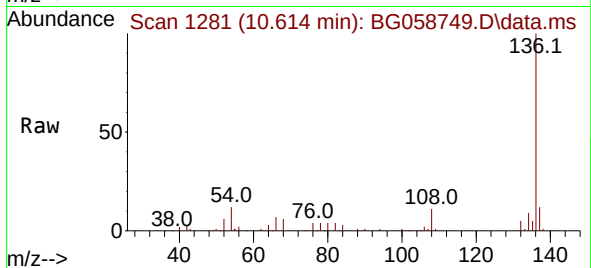
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

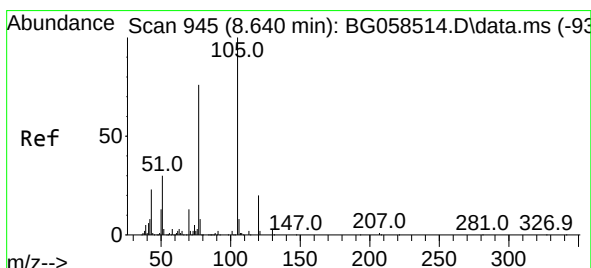
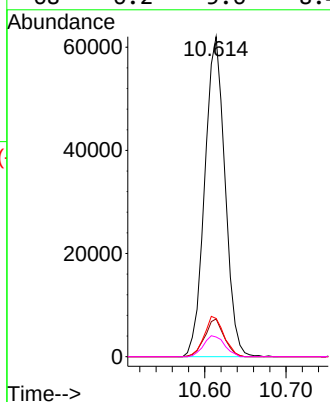
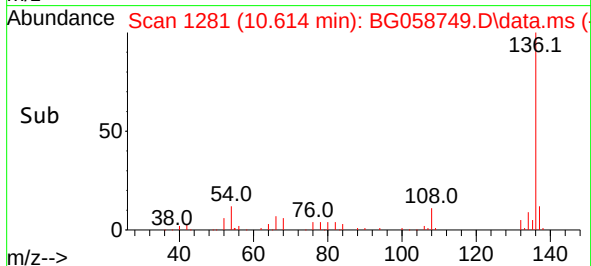


Tgt Ion:136 Resp: 107160
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 11.9 8.9 13.3
68 6.2 5.6 8.4

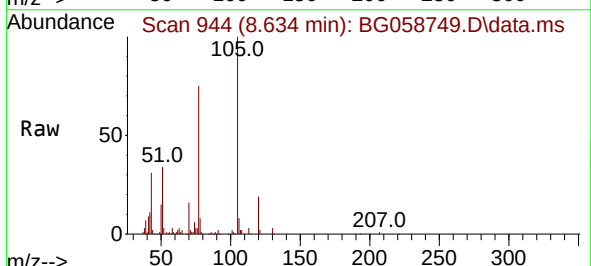
Manual Integrations

APPROVED

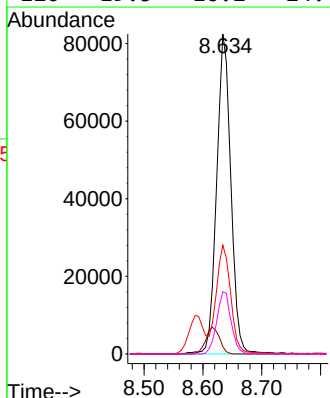
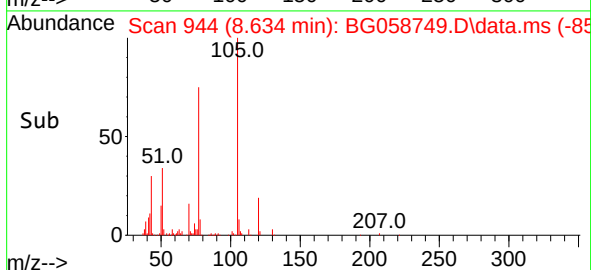
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

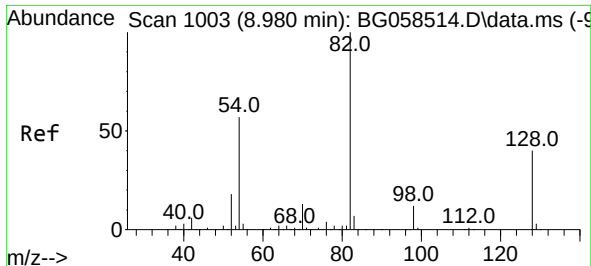


#22
Acetophenone
Concen: 48.294 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:105 Resp: 138572
Ion Ratio Lower Upper
105 100
71 2.3 1.8 2.6
51 34.0 24.2 36.2
120 19.5 16.2 24.4





#23
Nitrobenzene-d5
Concen: 95.609 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

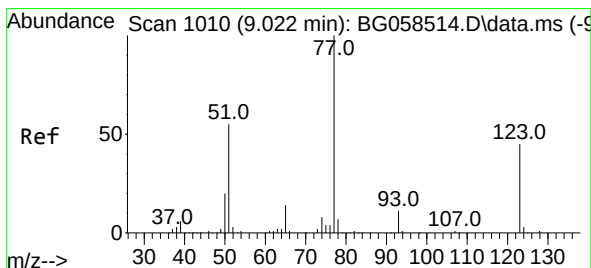
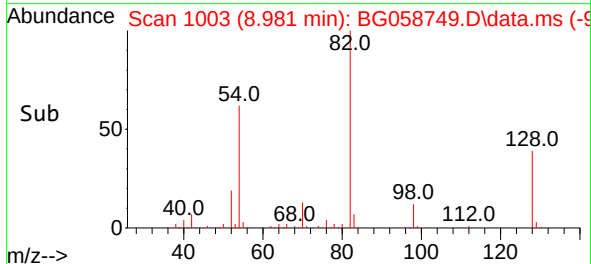
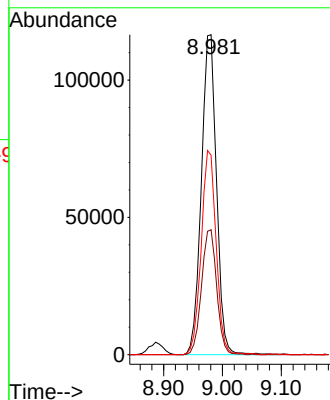
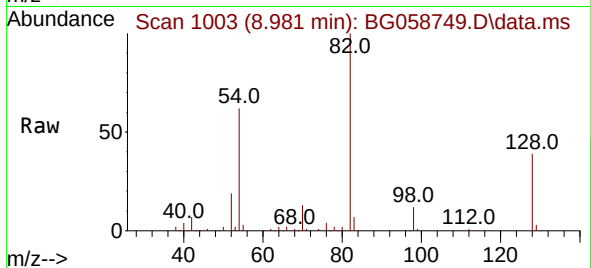
PB154284BS

Tgt Ion: 82 Resp: 20855
Ion Ratio Lower Upper
82 100
128 39.0 32.2 48.2
54 62.4 46.0 69.0

Manual Integrations

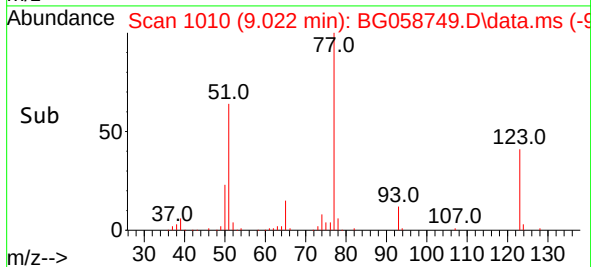
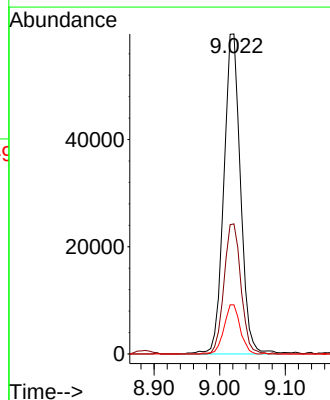
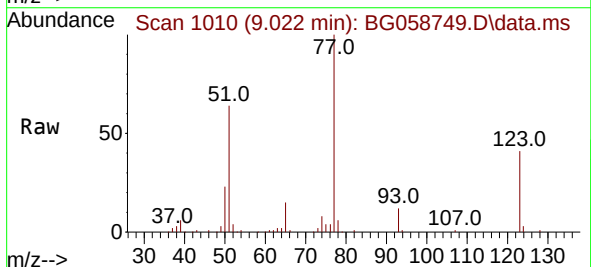
APPROVED

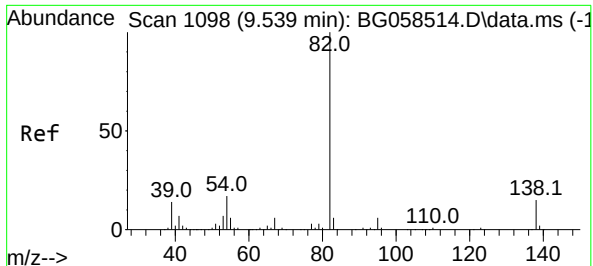
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#24
Nitrobenzene
Concen: 47.447 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

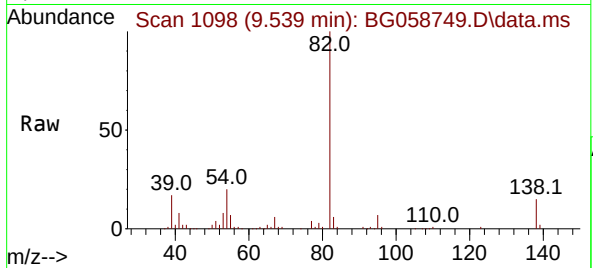
Tgt Ion: 77 Resp: 105220
Ion Ratio Lower Upper
77 100
123 40.6 35.6 53.4
65 15.3 11.4 17.0





#25
Isophorone
Concen: 45.434 ng
RT: 9.539 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

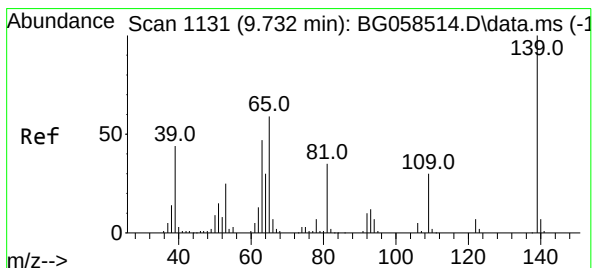
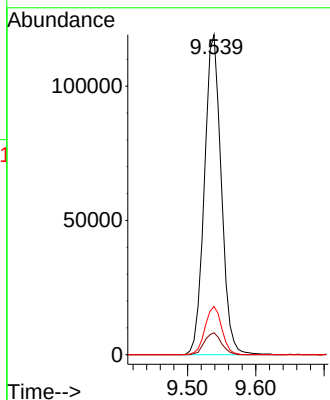
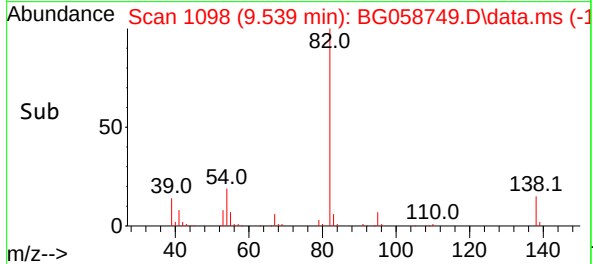
Instrument :
BNA_G
ClientSampleId :
PB154284BS



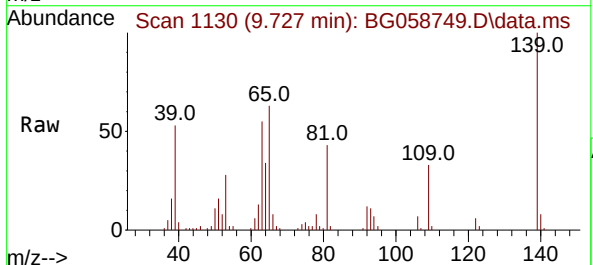
Tgt Ion: 82 Resp: 204775
Ion Ratio Lower Upper
82 100
95 6.9 5.1 7.7
138 15.0 11.9 17.9

Manual Integrations
APPROVED

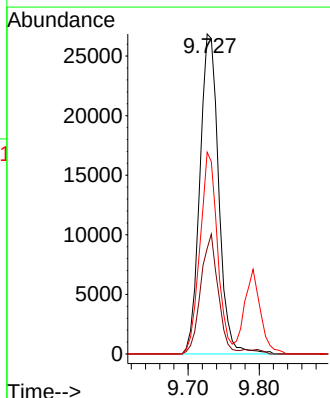
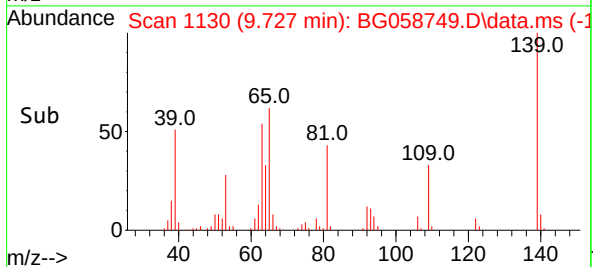
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

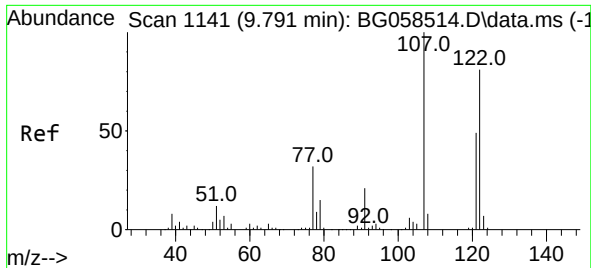


#26
2-Nitrophenol
Concen: 51.273 ng
RT: 9.727 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:139 Resp: 49496
Ion Ratio Lower Upper
139 100
109 32.9 24.2 36.2
65 63.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 54.174 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

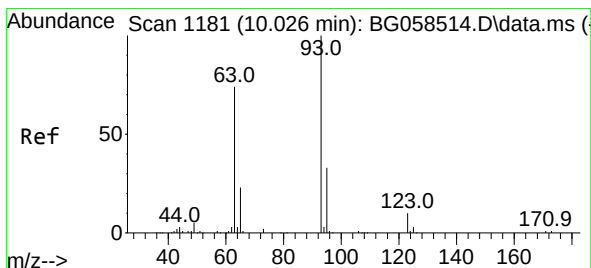
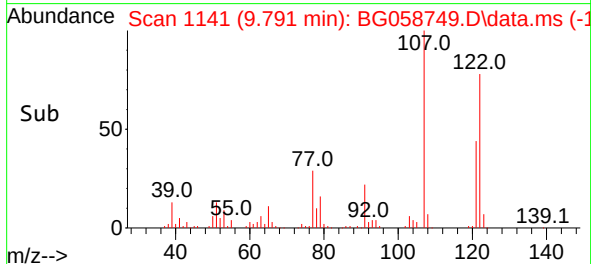
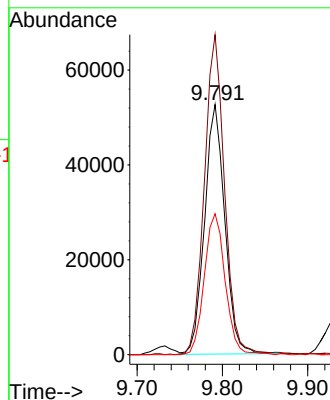
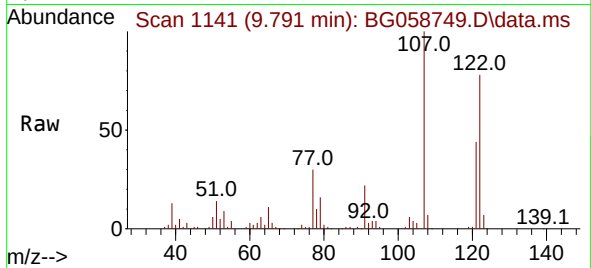
Tgt Ion:	122	Resp:	8674
Ion Ratio	Lower	Upper	
122	100		
107	127.9	98.0	147.0
121	56.3	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.466 ng

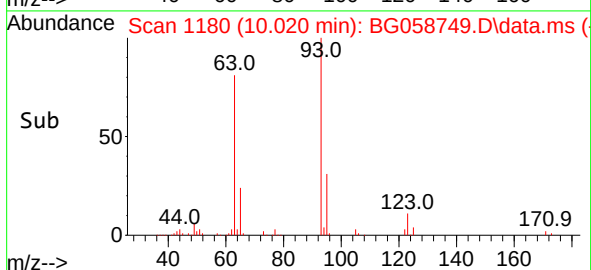
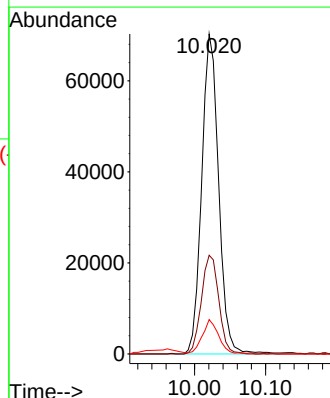
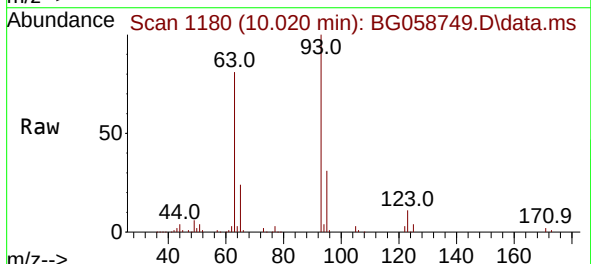
RT: 10.020 min Scan# 1180

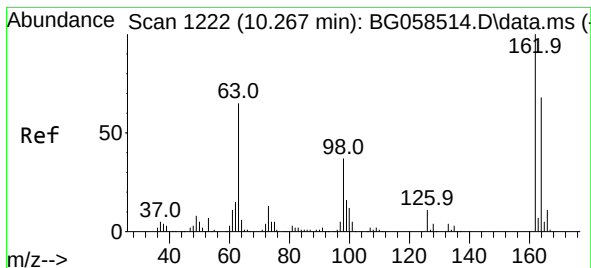
Delta R.T. -0.006 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

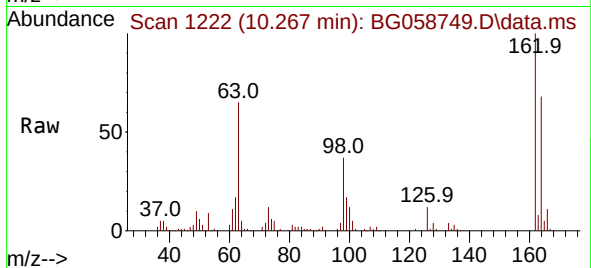
Tgt Ion:	93	Resp:	116424
Ion Ratio	Lower	Upper	
93	100		
95	30.9	26.0	39.0
123	10.8	7.8	11.8





#29
2,4-Dichlorophenol
Concen: 52.779 ng
RT: 10.267 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

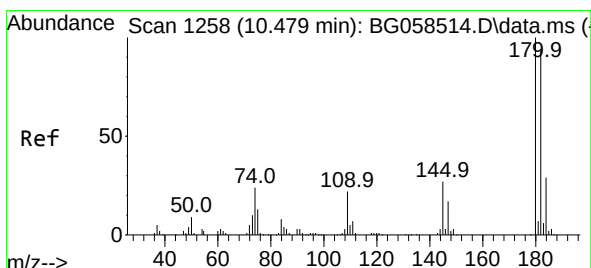
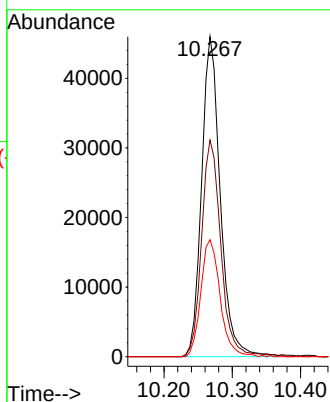
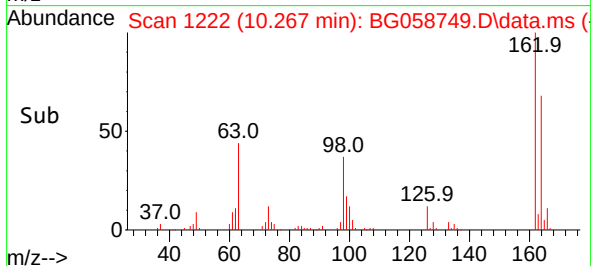
Instrument :
BNA_G
ClientSampleId :
PB154284BS



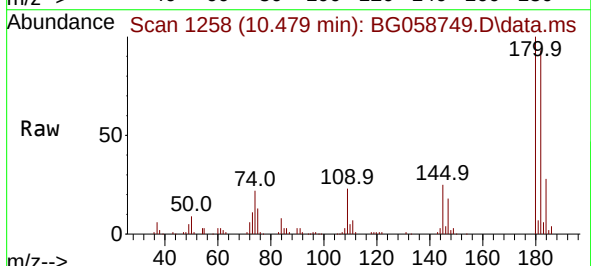
Tgt Ion:162 Resp: 8774
Ion Ratio Lower Upper
162 100
164 67.7 47.6 87.6
98 36.5 17.1 57.1

Manual Integrations
APPROVED

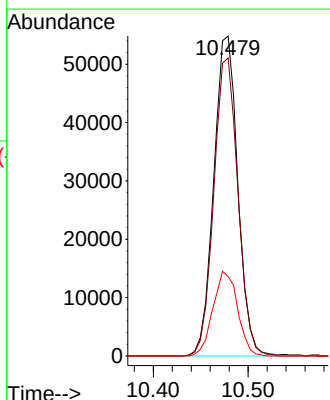
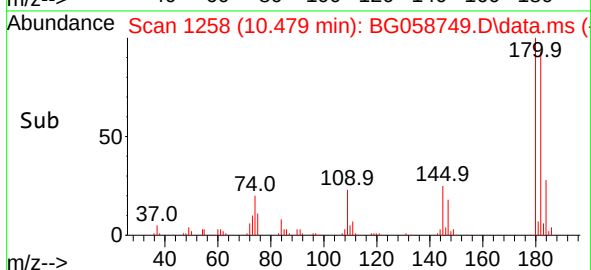
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

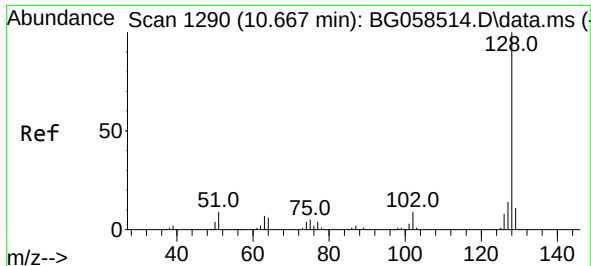


#30
1,2,4-Trichlorobenzene
Concen: 50.301 ng
RT: 10.479 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



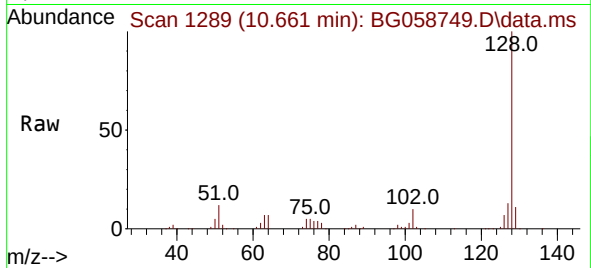
Tgt Ion:180 Resp: 96444
Ion Ratio Lower Upper
180 100
182 93.1 75.0 112.4
145 24.8 21.9 32.9





#31
Naphthalene
Concen: 47.507 ng
RT: 10.661 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

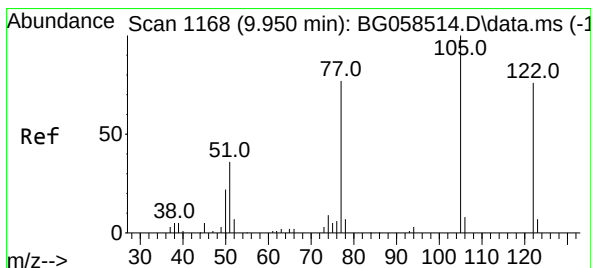
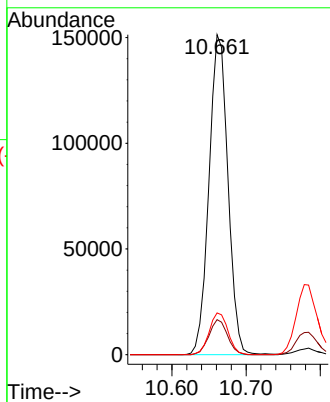
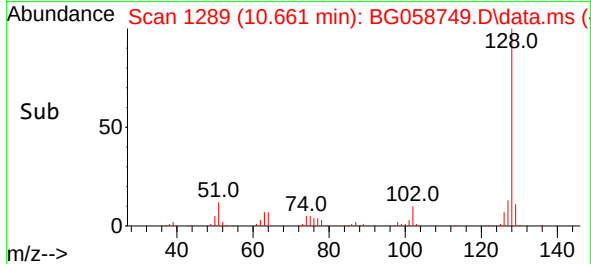
Instrument :
BNA_G
ClientSampleId :
PB154284BS



Tgt Ion:128 Resp: 268320
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.9 16.3

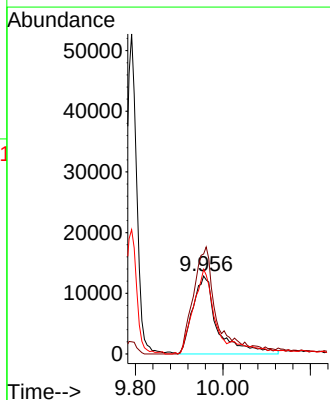
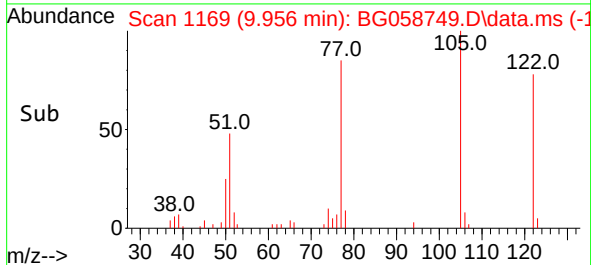
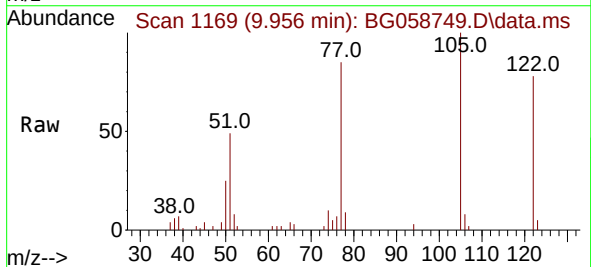
Manual Integrations
APPROVED

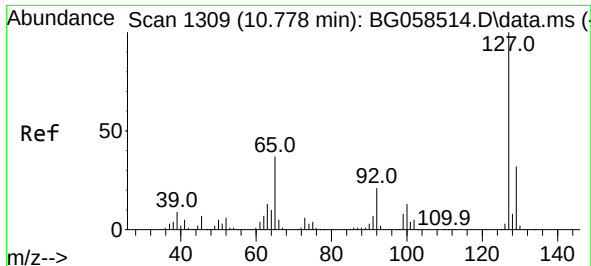
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#32
Benzoic acid
Concen: 42.029 ng
RT: 9.956 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:122 Resp: 50610
Ion Ratio Lower Upper
122 100
105 128.3 106.5 146.5
77 108.5 78.1 118.1





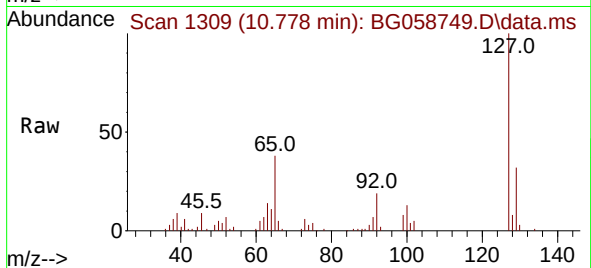
#33
4-Chloroaniline
Concen: 29.129 ng
RT: 10.778 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

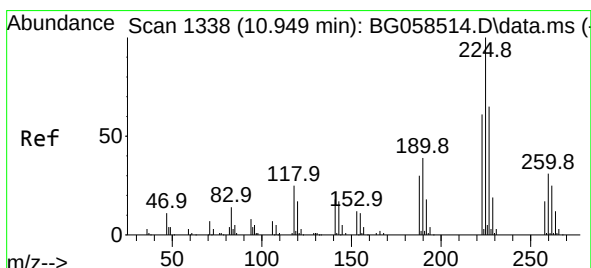
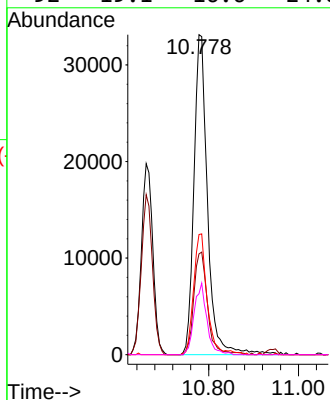
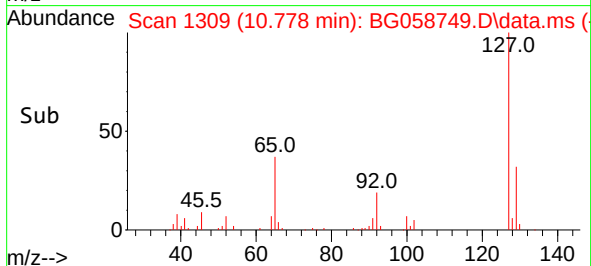


Tgt Ion:127 Resp: 69510
Ion Ratio Lower Upper
127 100
129 31.5 25.4 38.2
65 37.5 29.5 44.3
92 19.1 16.6 24.8

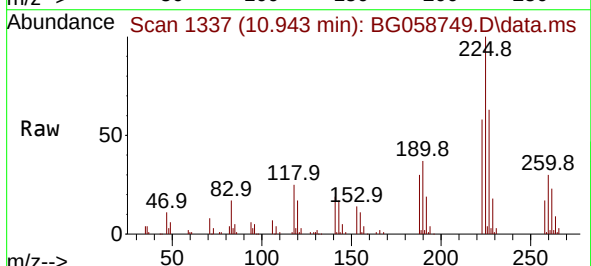
Manual Integrations

APPROVED

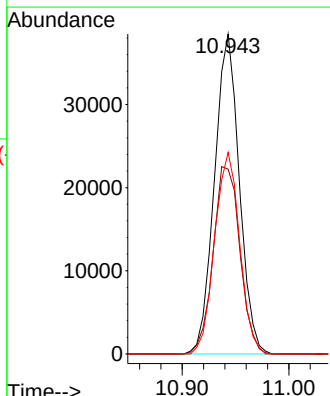
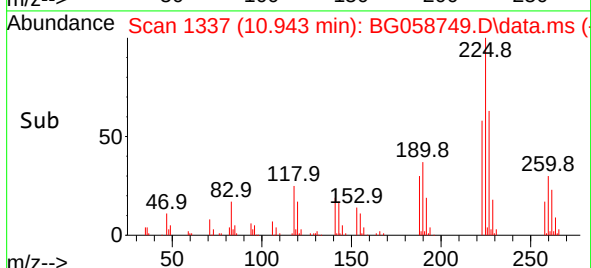
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

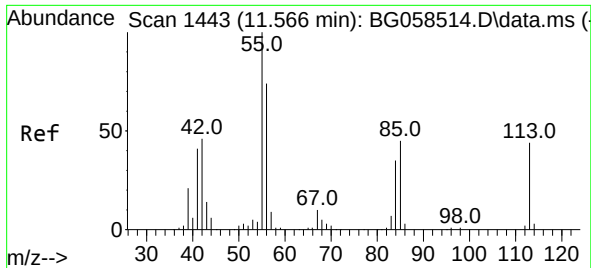


#34
Hexachlorobutadiene
Concen: 50.255 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:225 Resp: 62052
Ion Ratio Lower Upper
225 100
223 57.8 49.0 73.6
227 63.0 51.7 77.5





#35
Caprolactam
Concen: 51.567 ng m
RT: 11.560 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

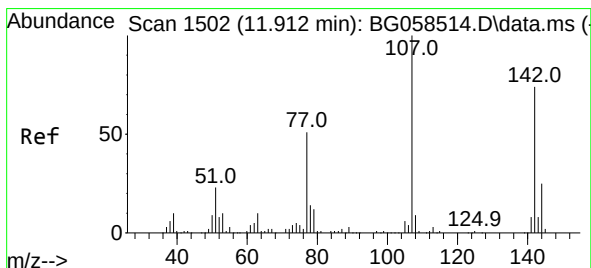
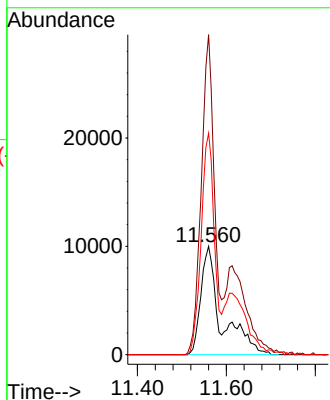
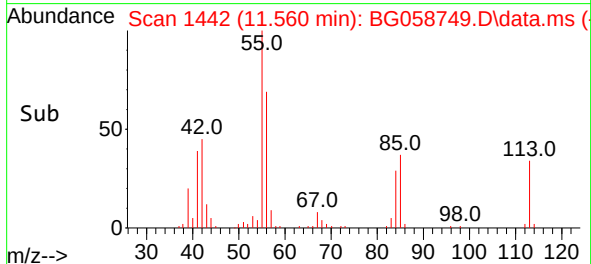
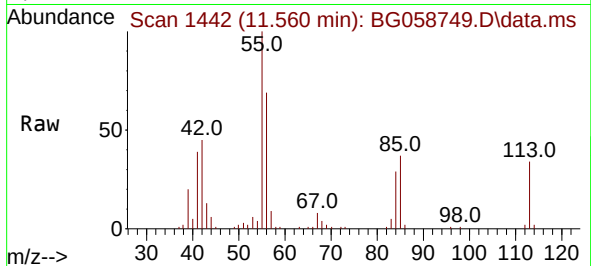
PB154284BS

Tgt Ion:113 Resp: 31659
Ion Ratio Lower Upper
113 100
55 295.5 208.0 248.0
56 204.5 148.6 188.6

Manual Integrations

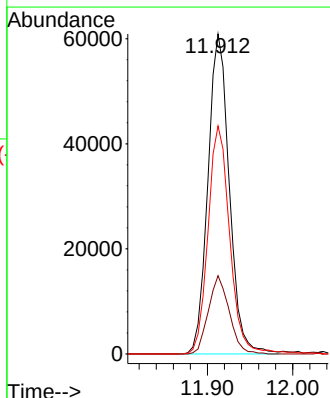
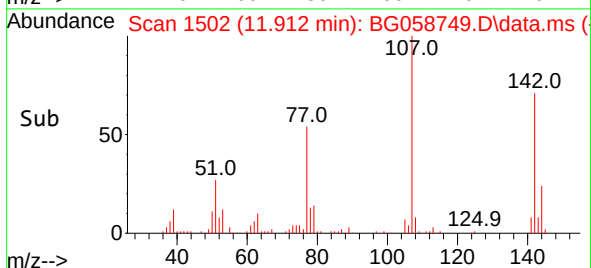
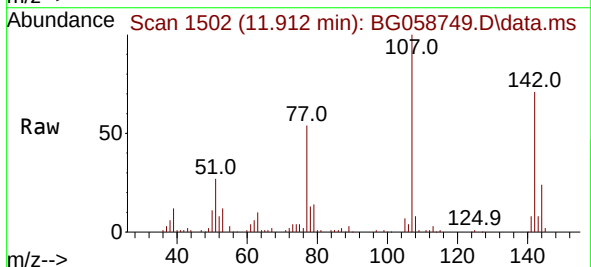
APPROVED

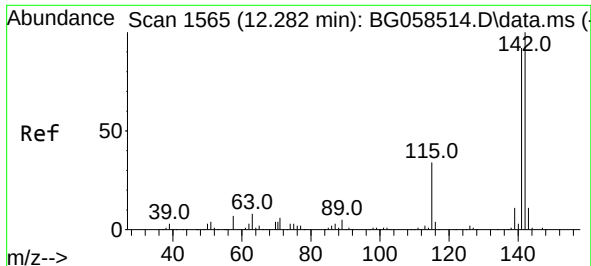
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 51.548 ng
RT: 11.912 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:107 Resp: 106014
Ion Ratio Lower Upper
107 100
144 24.4 19.6 29.4
142 71.3 59.3 88.9





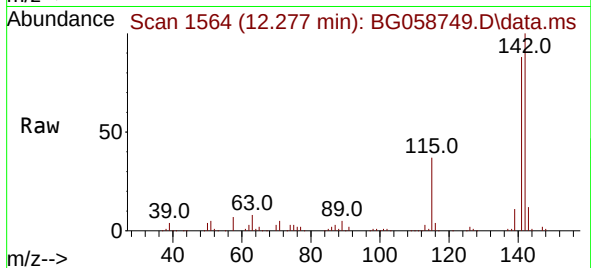
#37
2-Methylnaphthalene
Concen: 47.116 ng
RT: 12.277 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

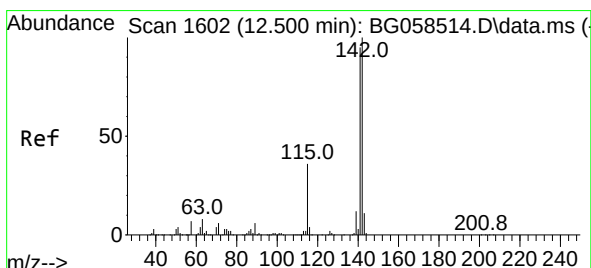
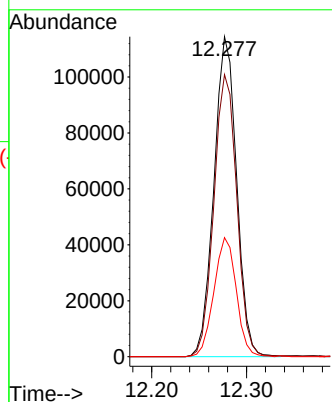
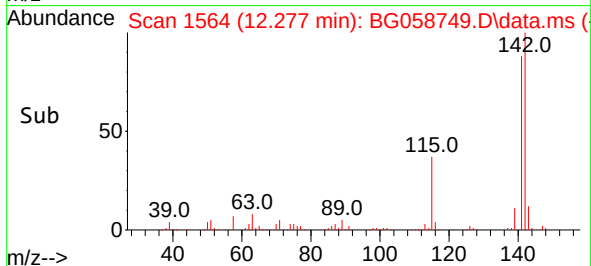


Tgt Ion:142 Resp: 19035
Ion Ratio Lower Upper
142 100
141 88.1 73.5 110.3
115 37.2 27.4 41.0

Manual Integrations

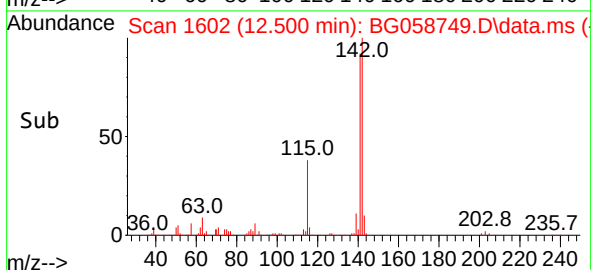
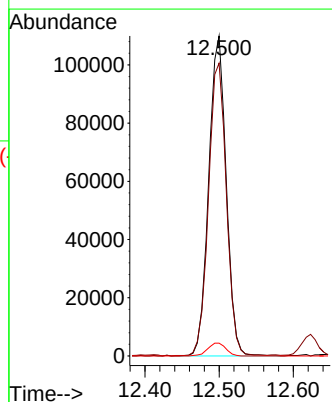
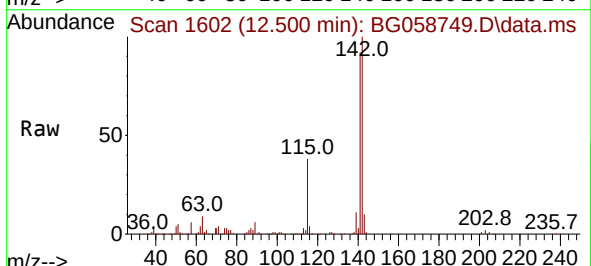
APPROVED

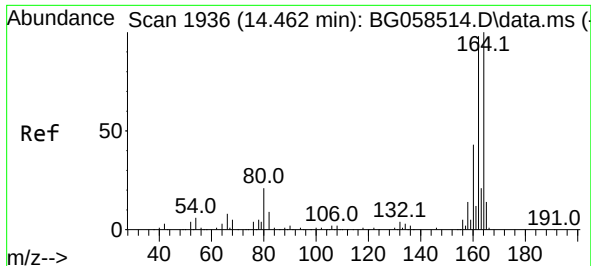
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 46.873 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:142 Resp: 180011
Ion Ratio Lower Upper
142 100
141 91.5 75.7 113.5
116 4.0 3.2 4.8





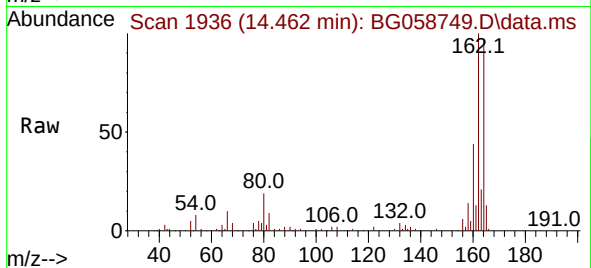
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

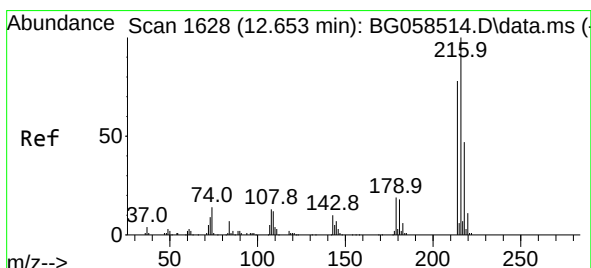
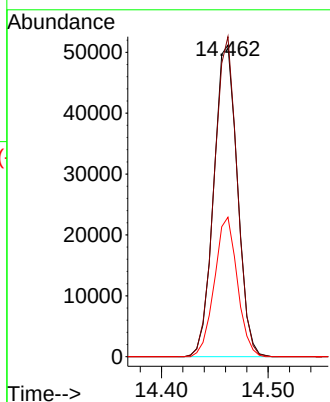
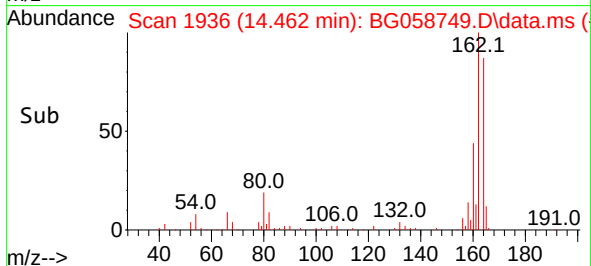


Tgt Ion:164 Resp: 78630
Ion Ratio Lower Upper
164 100
162 102.7 78.3 117.5
160 44.7 34.1 51.1

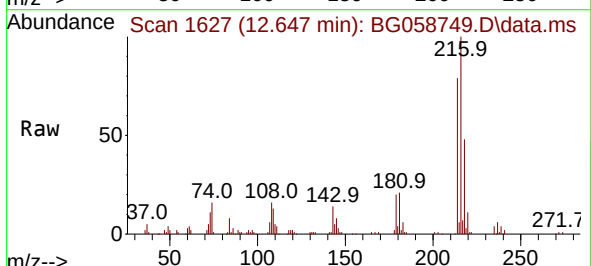
Manual Integrations

APPROVED

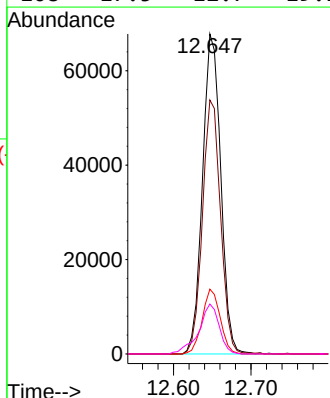
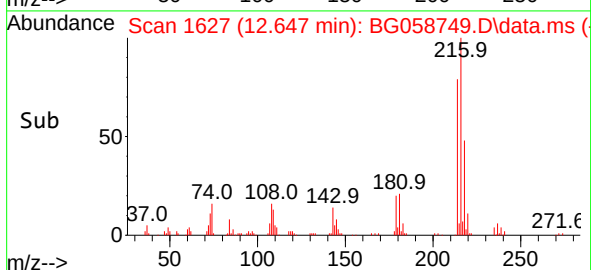
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

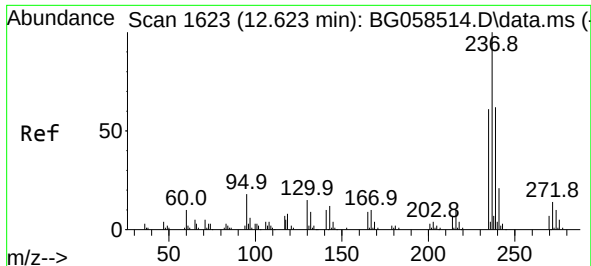


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.906 ng
RT: 12.647 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:216 Resp: 110818
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 19.9 15.6 23.4
108 17.5 12.7 19.1





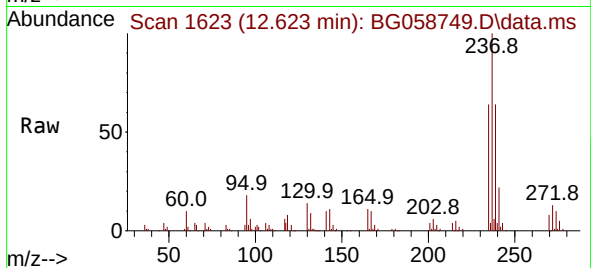
#41
Hexachlorocyclopentadiene
Concen: 94.960 ng
RT: 12.623 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

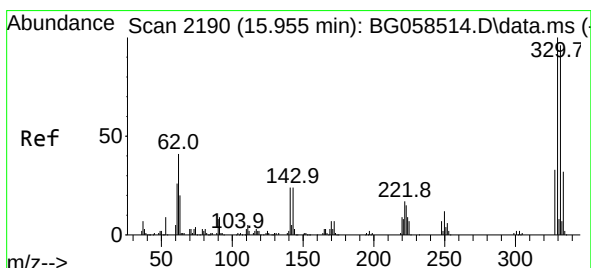
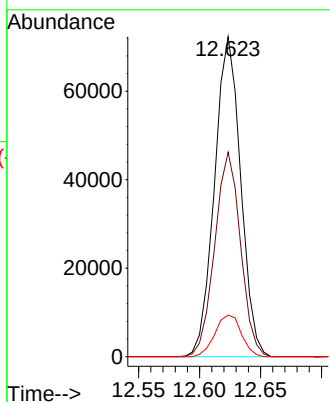
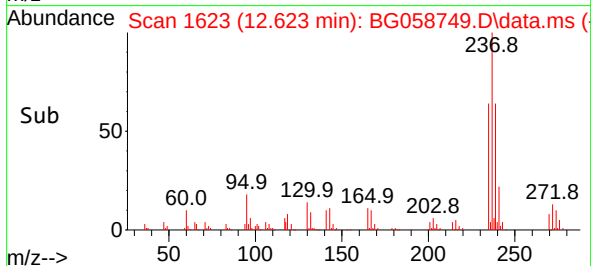


Tgt Ion:237 Resp: 108035
Ion Ratio Lower Upper
237 100
235 63.9 41.0 81.0
272 13.0 0.0 33.6

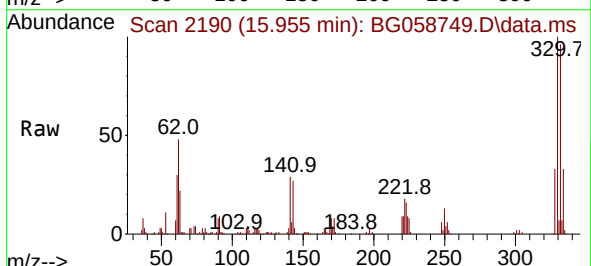
Manual Integrations

APPROVED

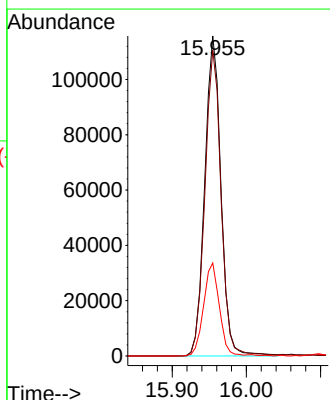
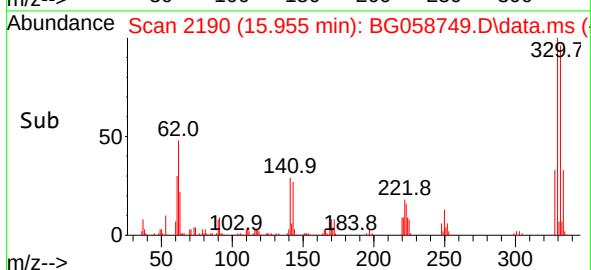
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

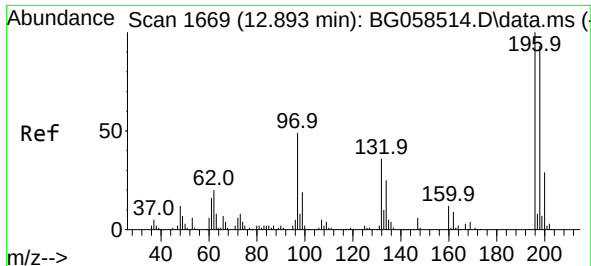


#42
2,4,6-Tribromophenol
Concen: 136.528 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:330 Resp: 175957
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 28.4 20.7 31.1





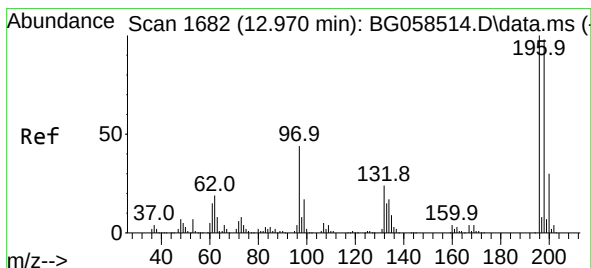
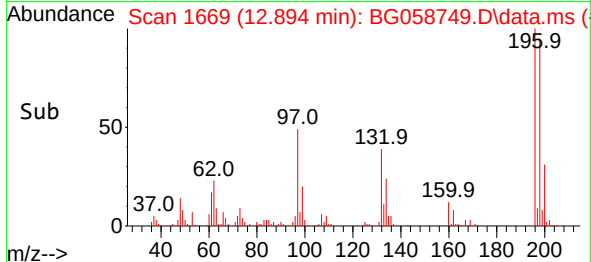
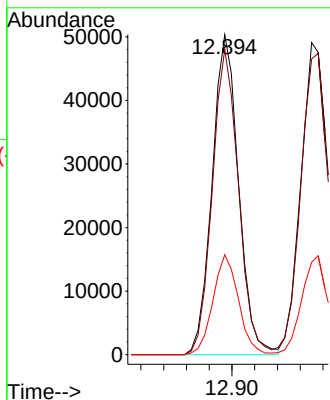
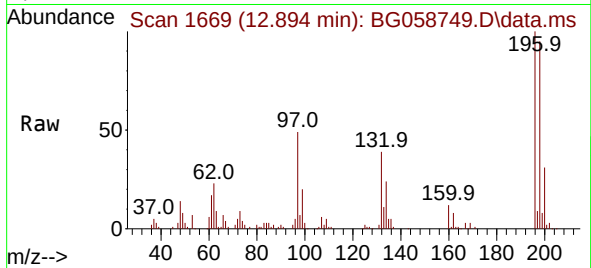
#43
2,4,6-Trichlorophenol
Concen: 49.085 ng
RT: 12.894 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :
BNA_G
ClientSampleId :
PB154284BS

Tgt Ion:196 Resp: 8150
Ion Ratio Lower Upper
196 100
198 95.4 74.2 111.4
200 31.3 22.9 34.3

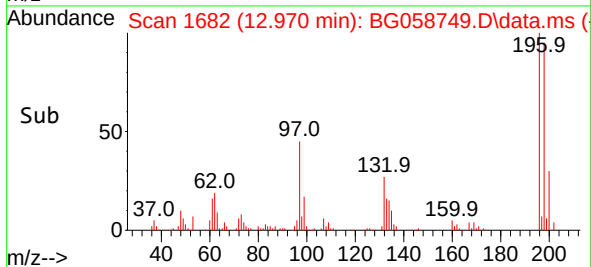
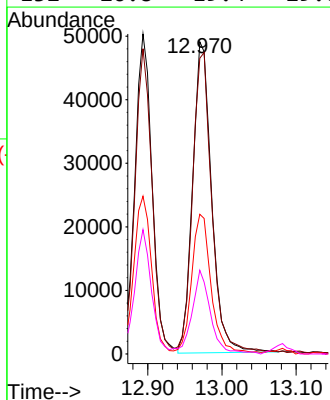
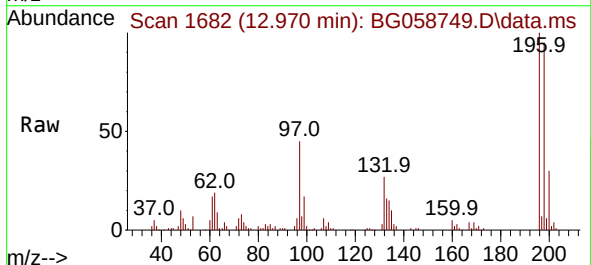
Manual Integrations
APPROVED

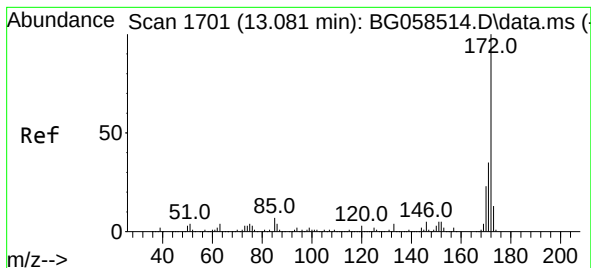
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#44
2,4,5-Trichlorophenol
Concen: 44.516 ng
RT: 12.970 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

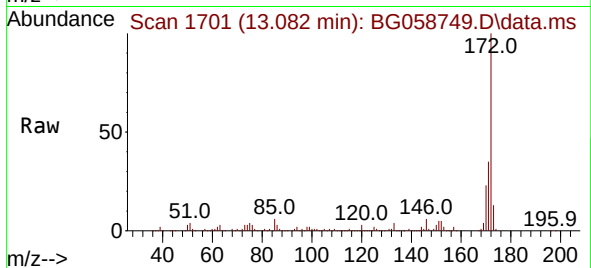
Tgt Ion:196 Resp: 87060
Ion Ratio Lower Upper
196 100
198 94.7 78.3 117.5
97 44.8 35.2 52.8
132 26.8 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 92.479 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

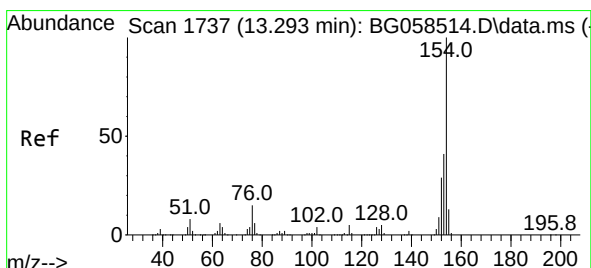
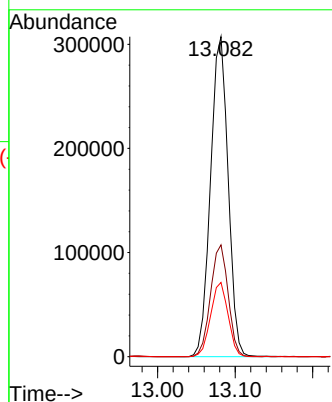
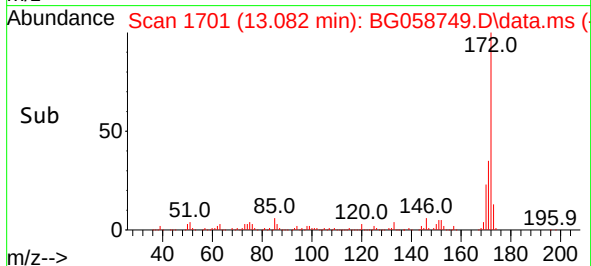
Instrument :
BNA_G
ClientSampleId :
PB154284BS



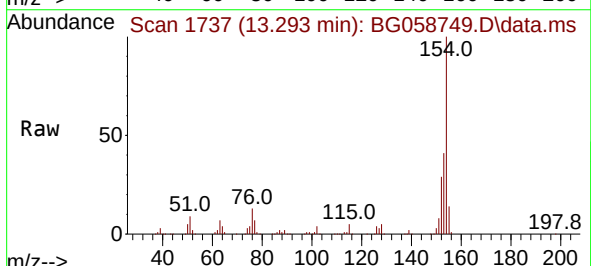
Tgt Ion:172 Resp: 48523
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.2 18.4 27.6

Manual Integrations
APPROVED

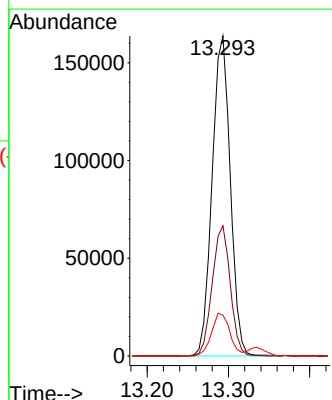
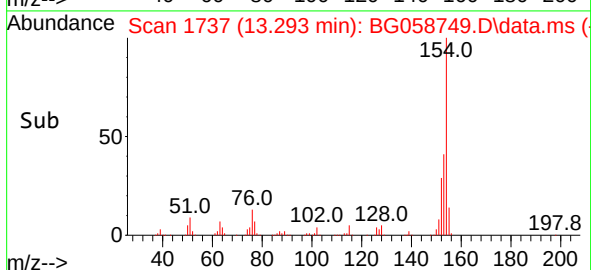
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

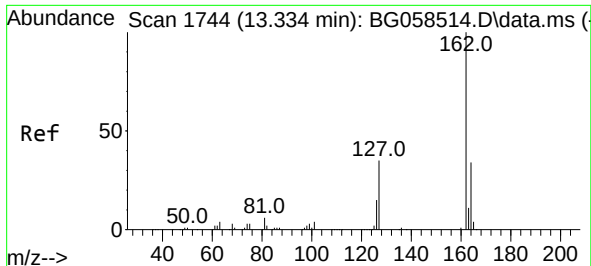


#46
1,1'-Biphenyl
Concen: 47.026 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:154 Resp: 253939
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 12.7 0.0 34.7





#47

2-Chloronaphthalene

Concen: 48.322 ng

RT: 13.334 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

Tgt Ion:162 Resp: 20345

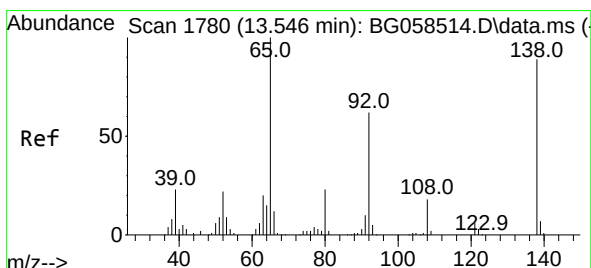
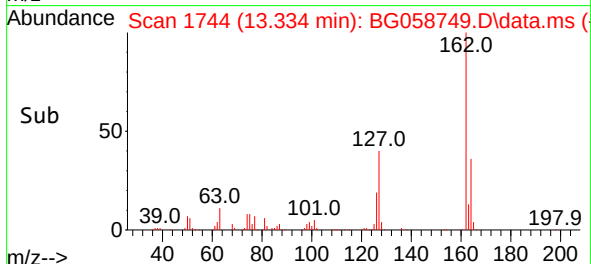
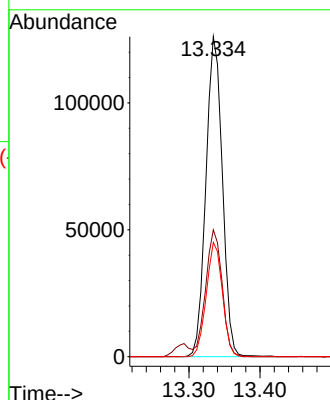
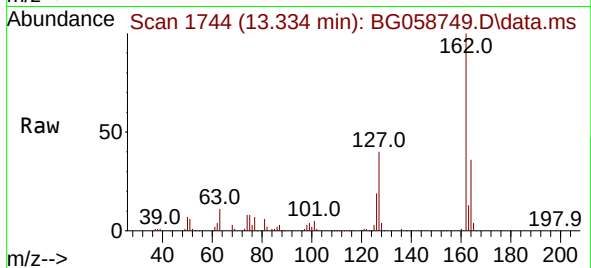
Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.9	46.3
164	35.7	27.2	40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#48

2-Nitroaniline

Concen: 50.813 ng

RT: 13.546 min Scan# 1780

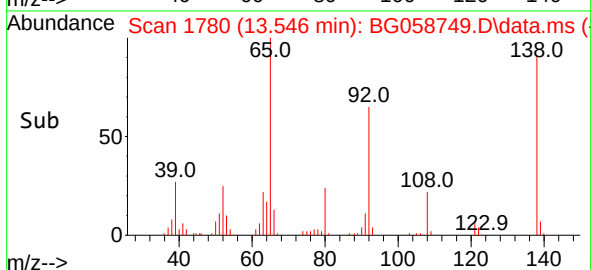
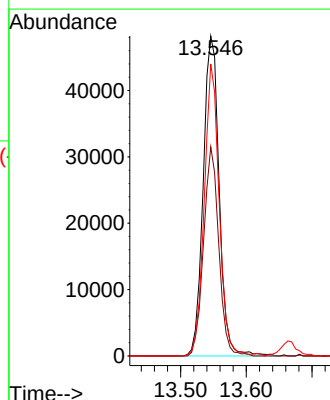
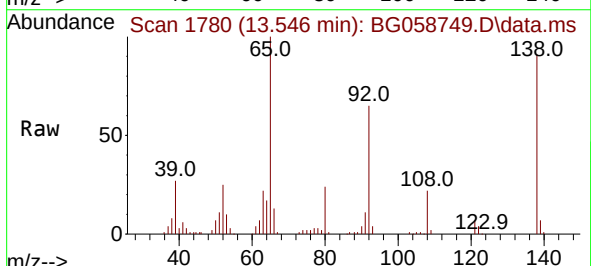
Delta R.T. 0.000 min

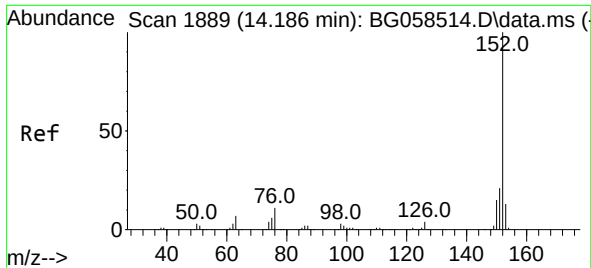
Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Tgt Ion: 65 Resp: 81659

Ion	Ratio	Lower	Upper
65	100		
92	65.4	49.2	73.8
138	91.2	71.5	107.3





#49
Acenaphthylene
Concen: 47.046 ng
RT: 14.180 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

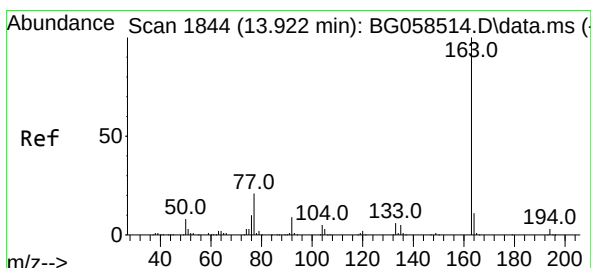
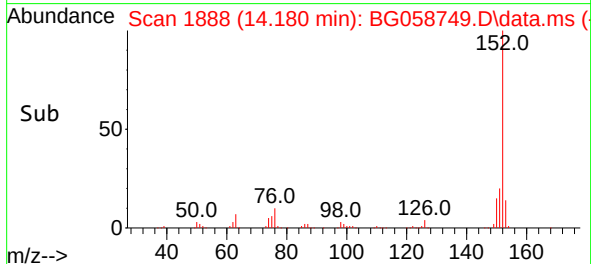
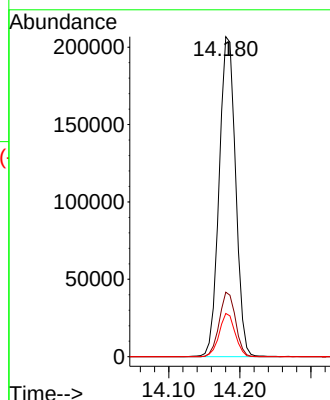
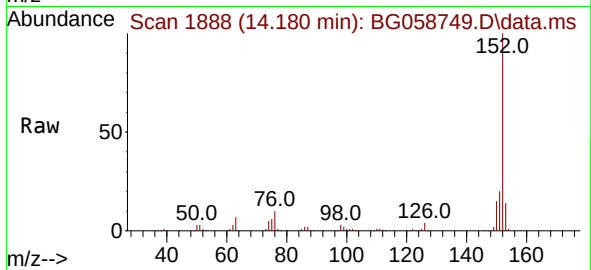
PB154284BS

Tgt Ion:152 Resp: 331628
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7
153 13.5 10.7 16.1

Manual Integrations

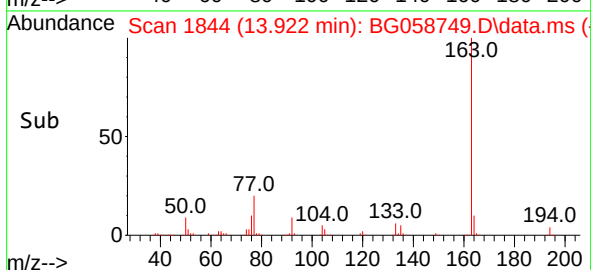
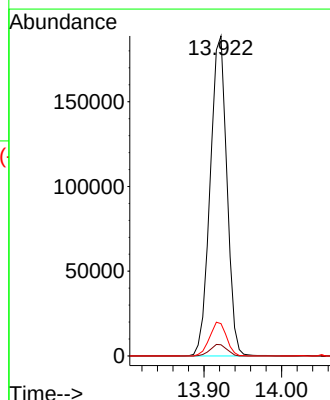
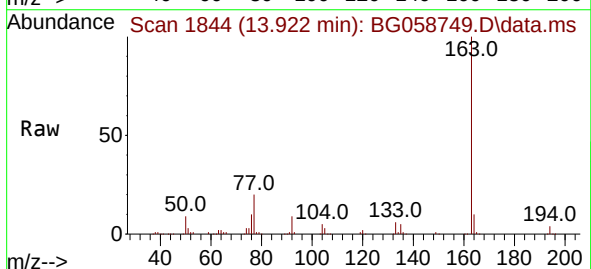
APPROVED

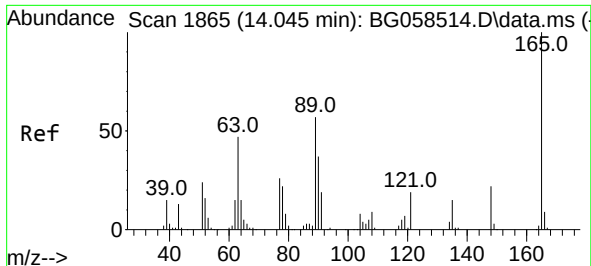
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#50
Dimethylphthalate
Concen: 47.794 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:163 Resp: 282238
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 48.936 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

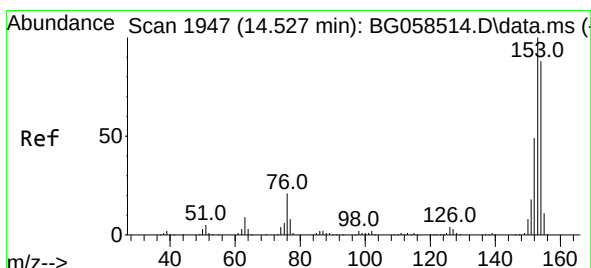
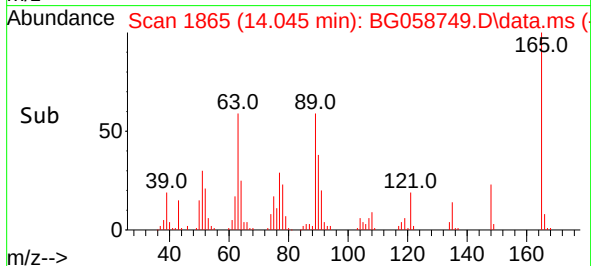
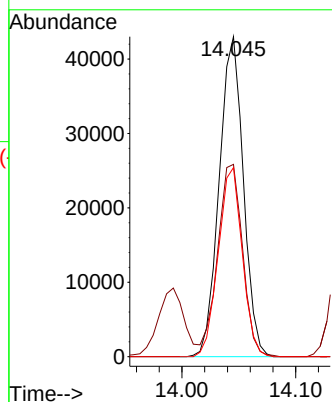
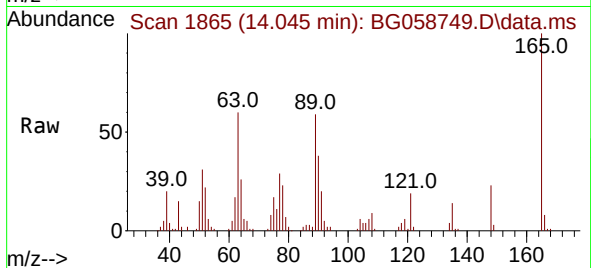
PB154284BS

Tgt Ion:165 Resp: 63408
Ion Ratio Lower Upper
165 100
63 60.1 46.4 69.6
89 59.1 45.3 67.9

Manual Integrations

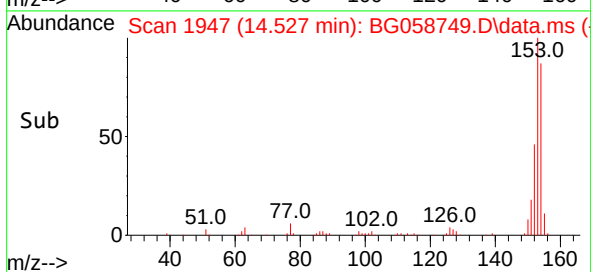
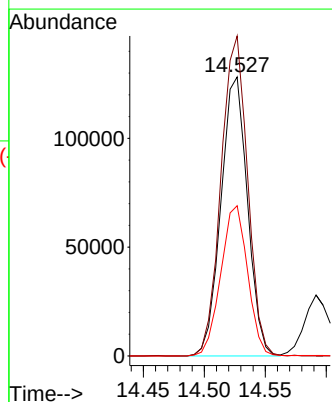
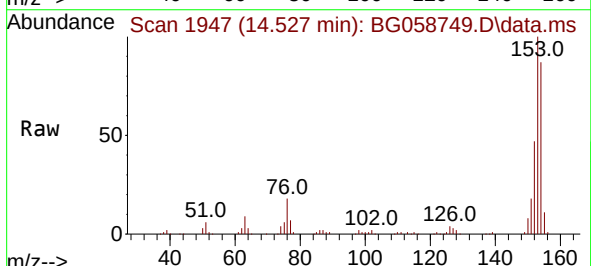
APPROVED

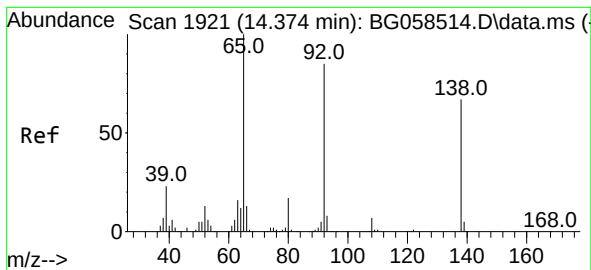
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#52
Acenaphthene
Concen: 47.715 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:154 Resp: 194346
Ion Ratio Lower Upper
154 100
153 114.7 91.1 136.7
152 53.8 44.6 66.8





#53
3-Nitroaniline
Concen: 33.241 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

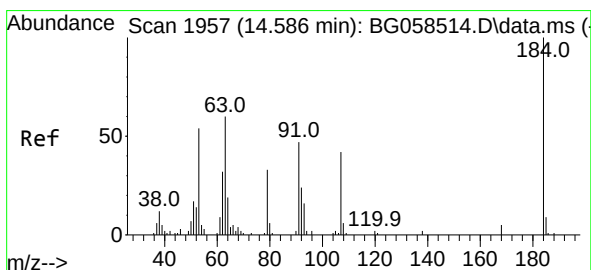
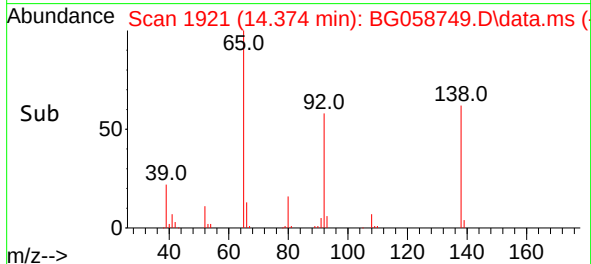
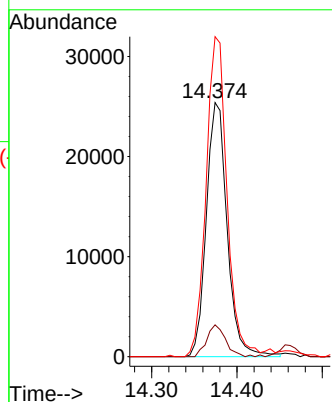
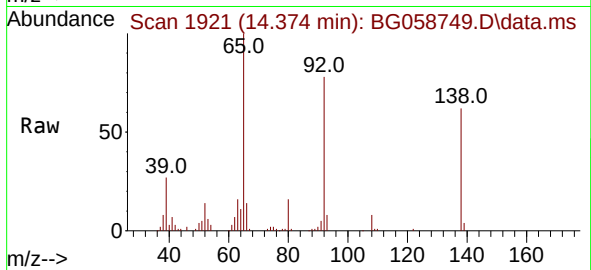
PB154284BS

Tgt Ion:138 Resp: 43092
Ion Ratio Lower Upper
138 100
108 12.6 8.3 12.5
92 125.9 101.1 151.7

Manual Integrations

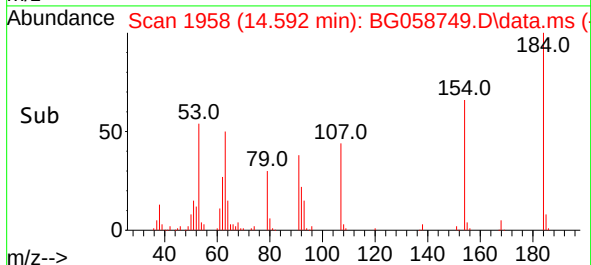
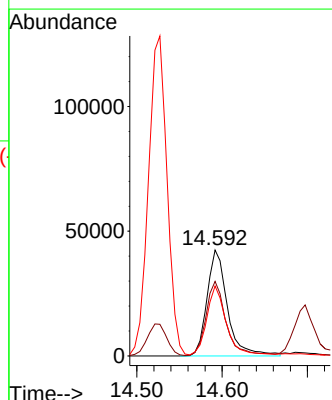
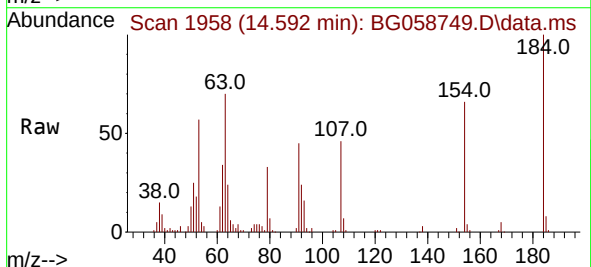
APPROVED

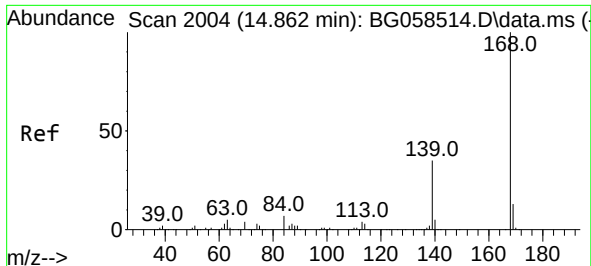
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 95.395 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:184 Resp: 70840
Ion Ratio Lower Upper
184 100
63 70.5 56.7 85.1
154 66.1 46.1 69.1





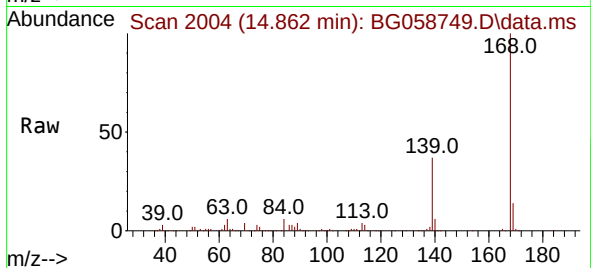
#55
Dibenzofuran
Concen: 47.363 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

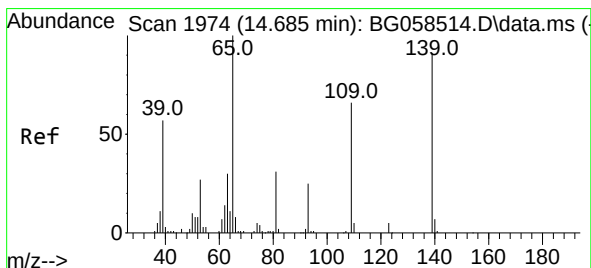
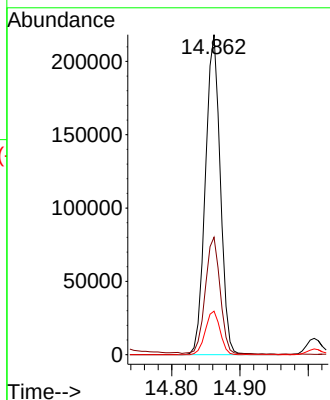
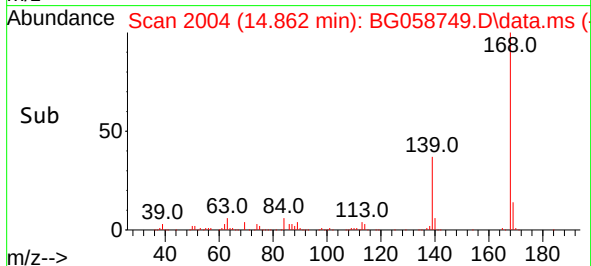


Tgt Ion:168 Resp: 331486
Ion Ratio Lower Upper
168 100
139 36.7 27.8 41.8
169 13.6 10.6 16.0

Manual Integrations

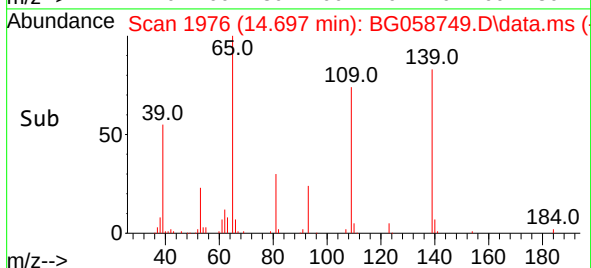
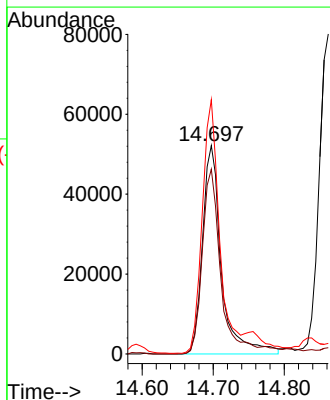
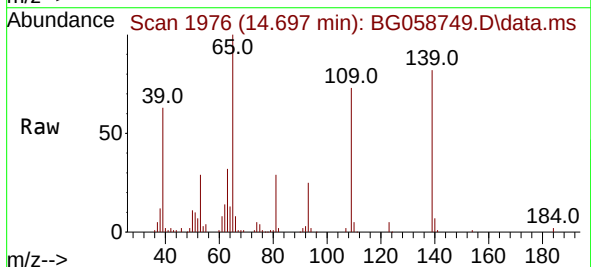
APPROVED

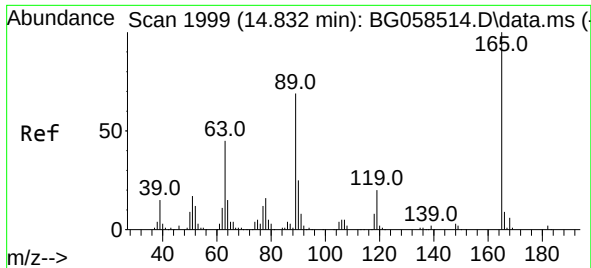
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 99.952 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:139 Resp: 96845
Ion Ratio Lower Upper
139 100
109 88.7 52.5 92.5
65 122.1 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 51.276 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

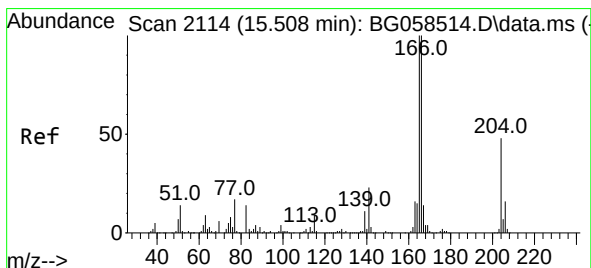
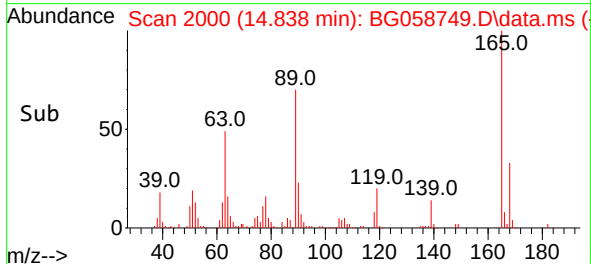
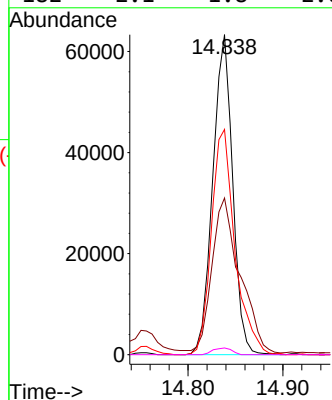
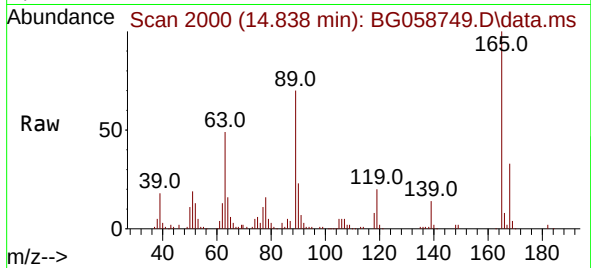
PB154284BS

Tgt Ion:165 Resp: 92110
Ion Ratio Lower Upper
165 100
63 49.0 36.6 54.8
89 70.4 55.4 83.0
182 2.1 1.8 2.6

Manual Integrations

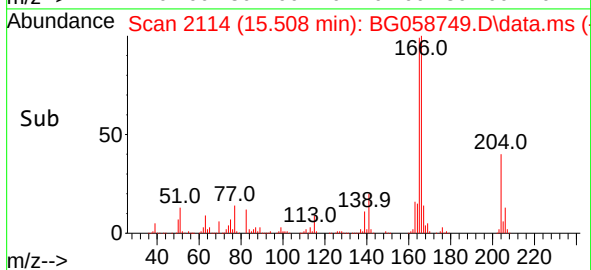
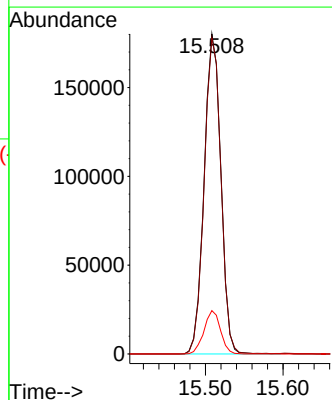
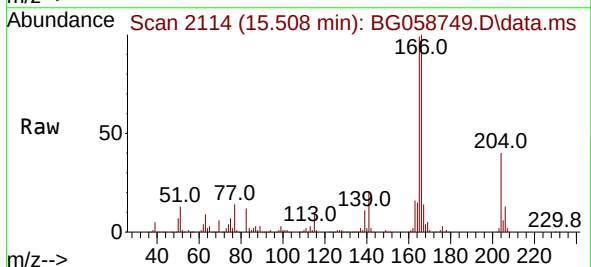
APPROVED

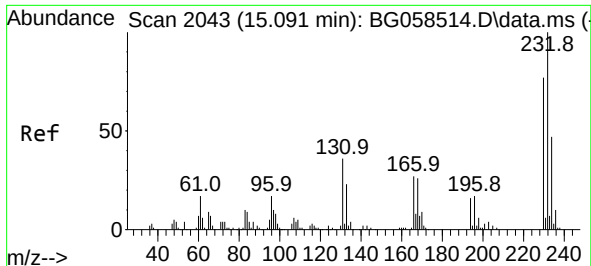
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#58
Fluorene
Concen: 48.565 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

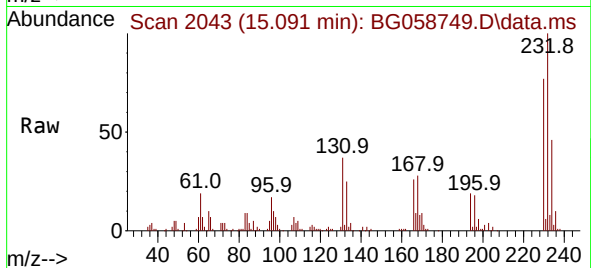
Tgt Ion:166 Resp: 270018
Ion Ratio Lower Upper
166 100
165 98.8 80.0 120.0
167 13.5 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.395 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

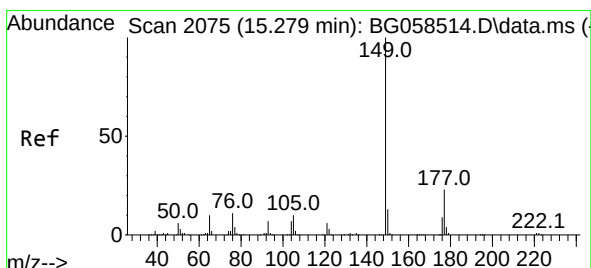
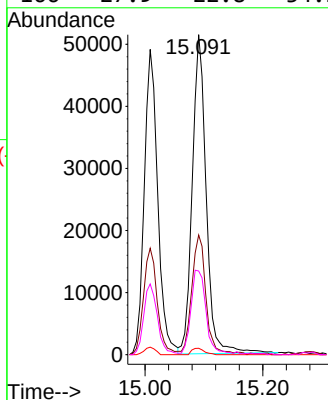
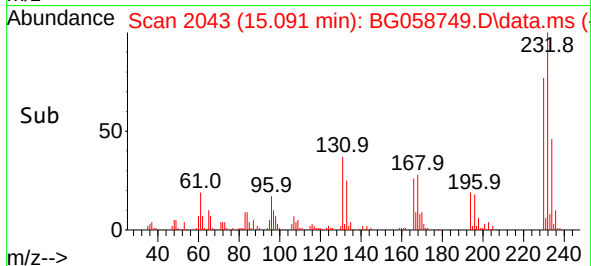
Instrument :
BNA_G
ClientSampleId :
PB154284BS



Tgt Ion:232 Resp: 84100
Ion Ratio Lower Upper
232 100
131 38.8 30.0 45.0
130 1.8 1.5 2.3
166 27.9 22.8 34.2

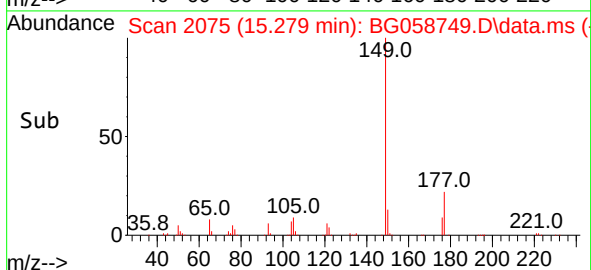
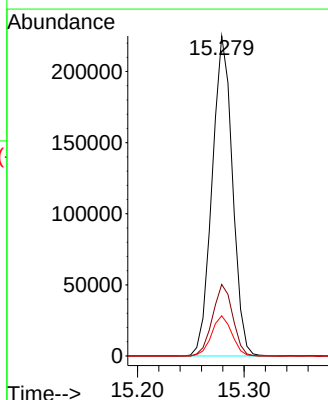
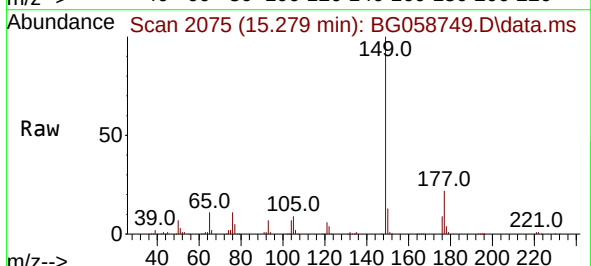
Manual Integrations
APPROVED

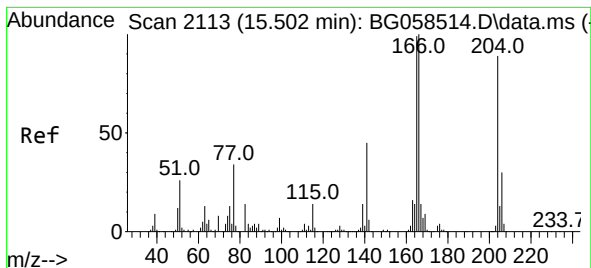
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#60
Diethylphthalate
Concen: 49.581 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:149 Resp: 298279
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 47.983 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

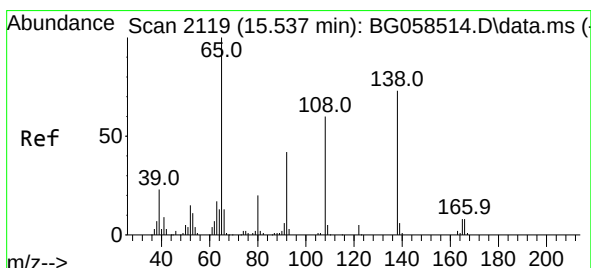
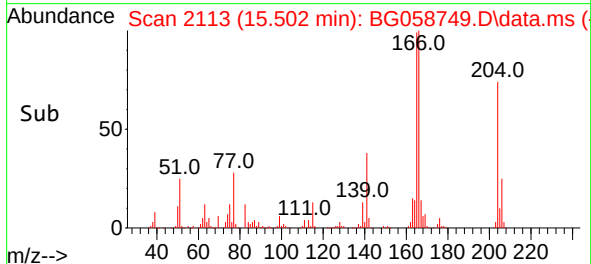
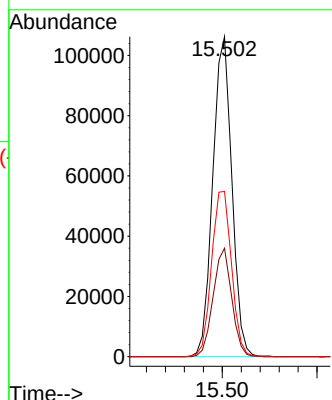
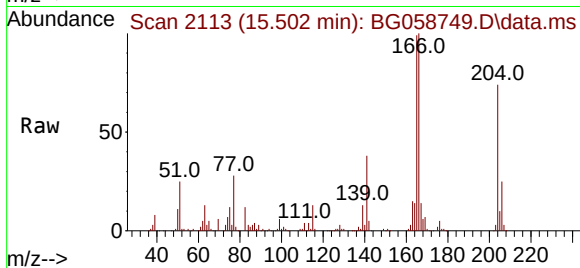
PB154284BS

Tgt Ion:204 Resp: 148730
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 51.7 40.8 61.2

Manual Integrations

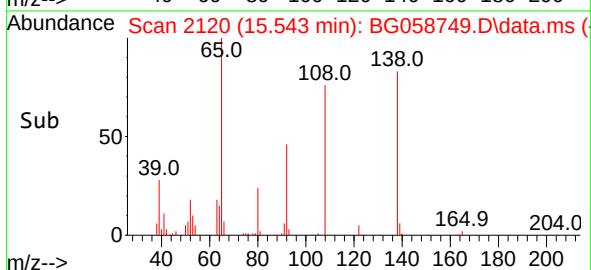
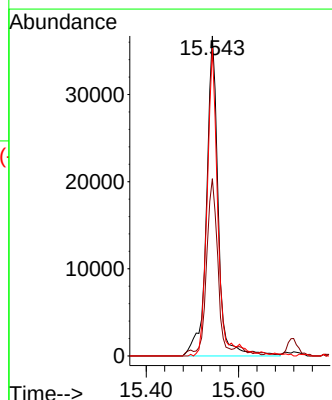
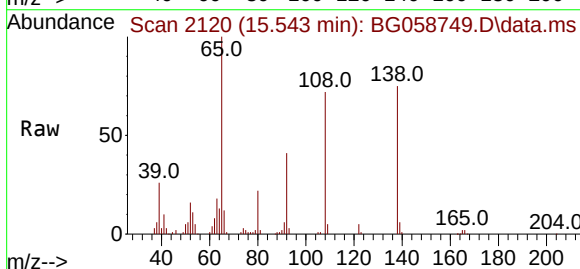
APPROVED

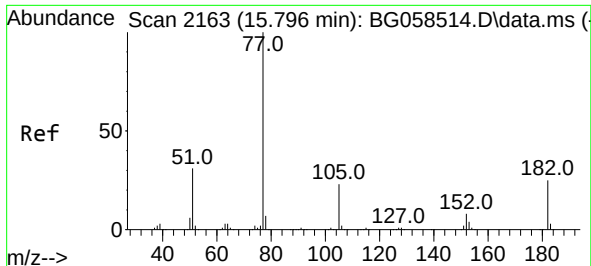
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 53.122 ng
RT: 15.543 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:138 Resp: 65237
Ion Ratio Lower Upper
138 100
92 55.4 37.3 77.3
108 96.1 62.6 102.6





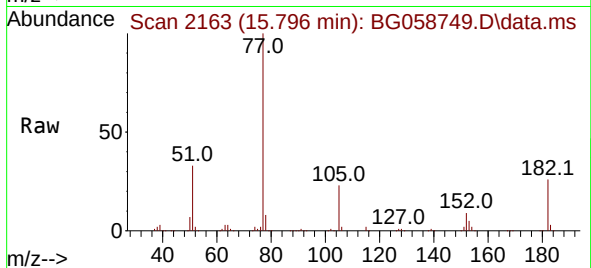
#63
Azobenzene
Concen: 47.108 ng
RT: 15.796 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

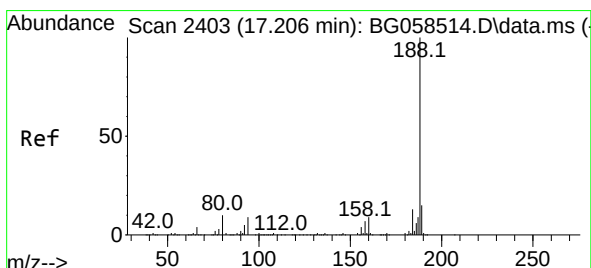
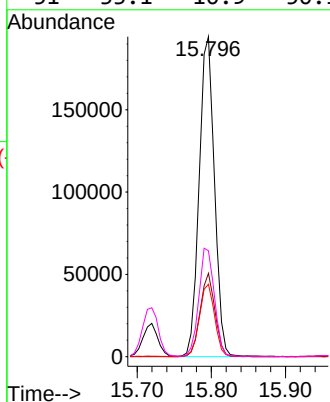
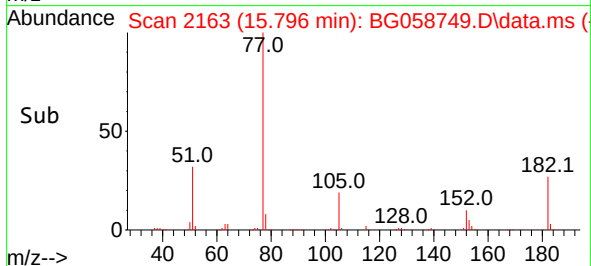


Tgt Ion: 77 Resp: 27914
Ion Ratio Lower Upper
77 100
182 26.1 4.6 44.6
105 22.7 3.3 43.3
51 33.1 10.9 50.9

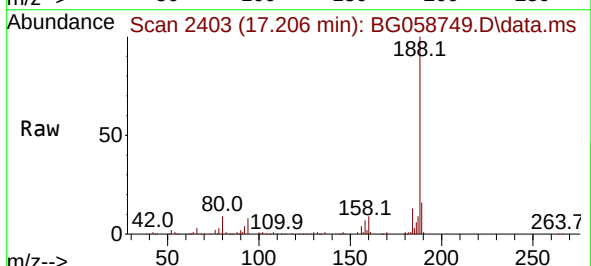
Manual Integrations

APPROVED

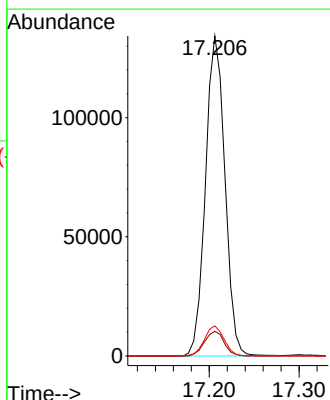
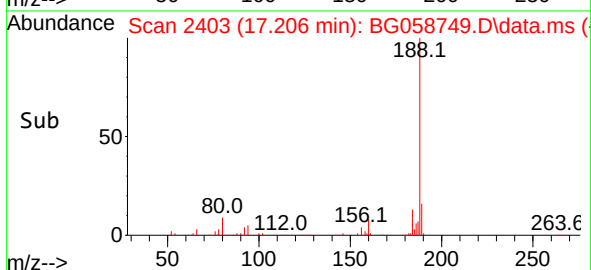
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

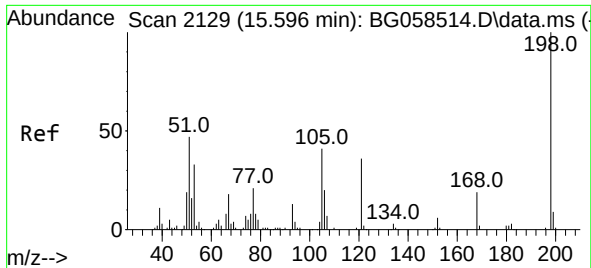


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:188 Resp: 201650
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 9.4 8.1 12.1





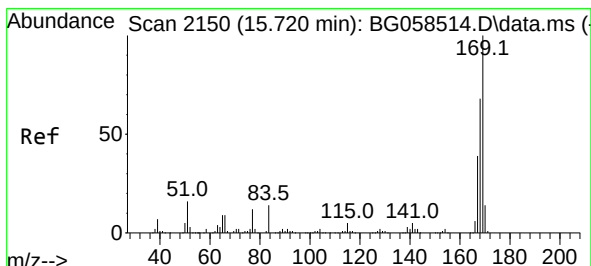
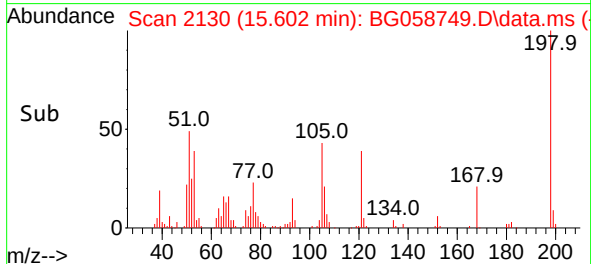
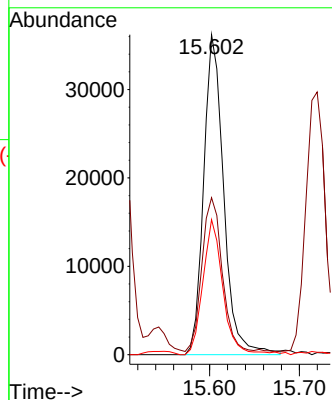
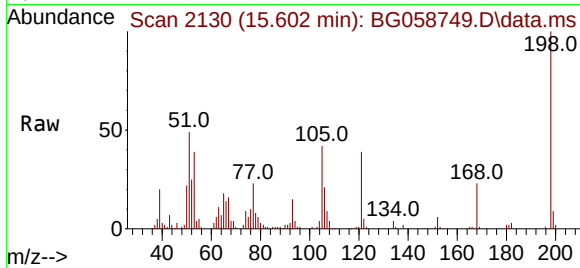
#65
4,6-Dinitro-2-methylphenol
Concen: 50.489 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :
BNA_G
ClientSampleId :
PB154284BS

Tgt Ion:198 Resp: 5613
Ion Ratio Lower Upper
198 100
51 49.0 29.3 69.3
105 42.2 21.0 61.0

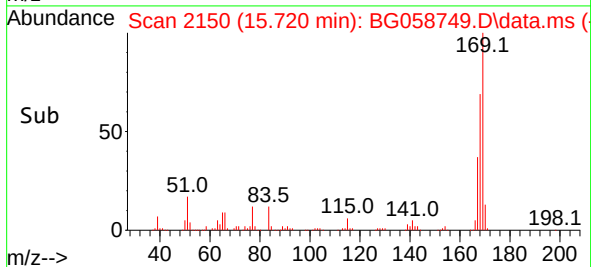
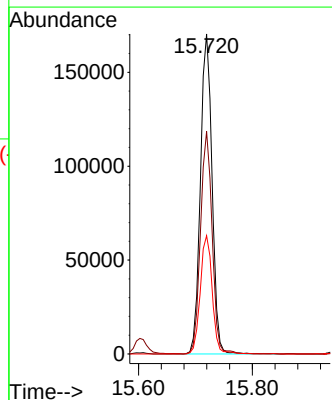
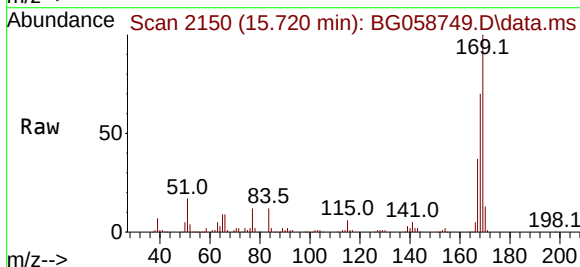
Manual Integrations
APPROVED

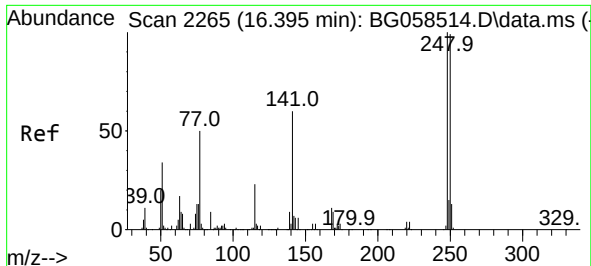
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 46.125 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:169 Resp: 242081
Ion Ratio Lower Upper
169 100
168 69.6 54.6 82.0
167 36.9 31.3 46.9





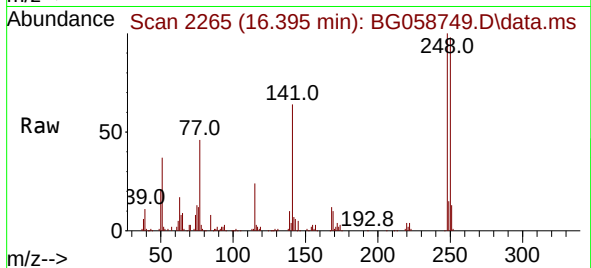
#67
4-Bromophenyl-phenylether
Concen: 44.591 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

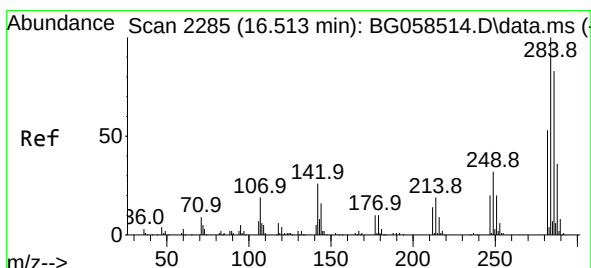
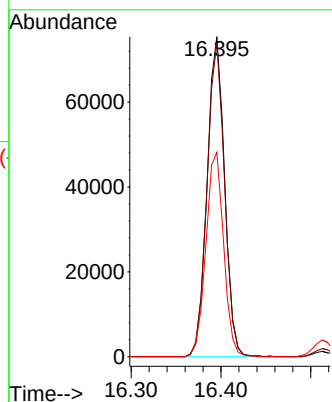
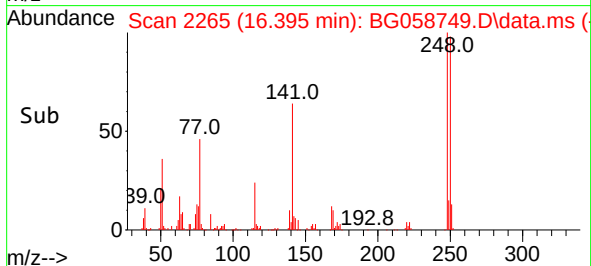


Tgt Ion:248 Resp: 101985
Ion Ratio Lower Upper
248 100
250 98.0 79.5 119.3
141 63.9 48.2 72.2

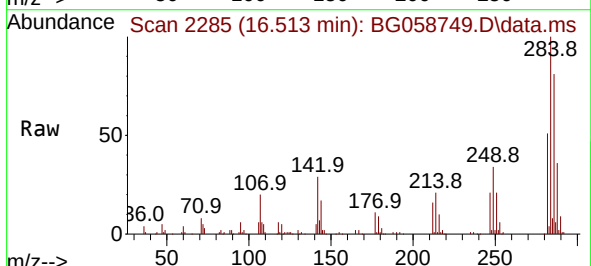
Manual Integrations

APPROVED

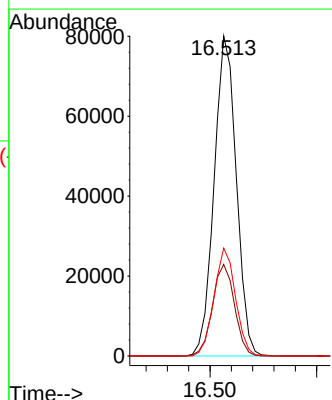
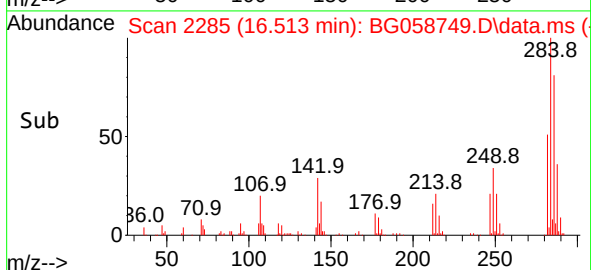
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

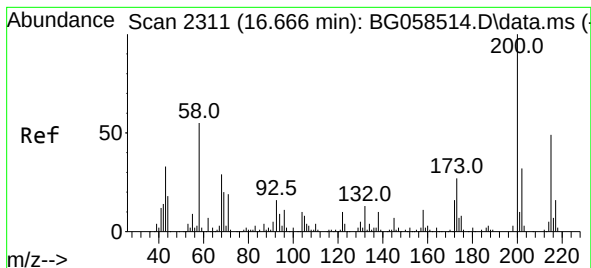


#68
Hexachlorobenzene
Concen: 47.647 ng
RT: 16.513 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:284 Resp: 115476
Ion Ratio Lower Upper
284 100
142 28.6 21.0 31.4
249 33.7 25.5 38.3





#69

Atrazine

Concen: 59.757 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

Tgt Ion:200 Resp: 105874

Ion Ratio Lower Upper

200 100

173 26.1 6.5 46.5

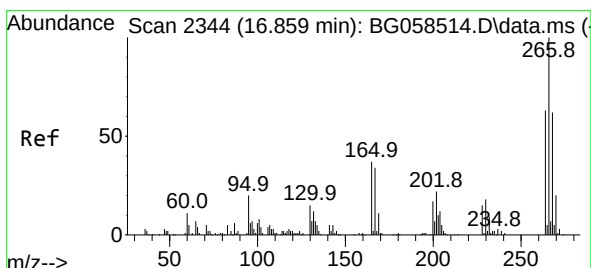
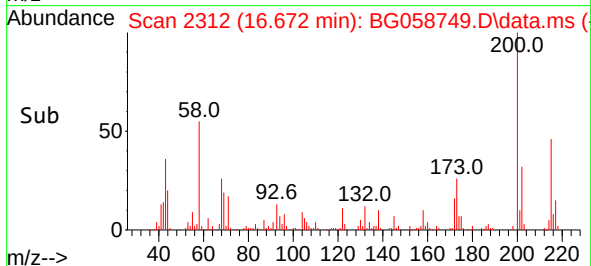
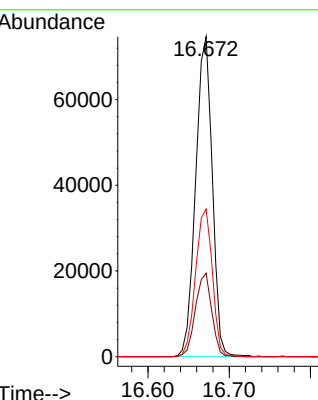
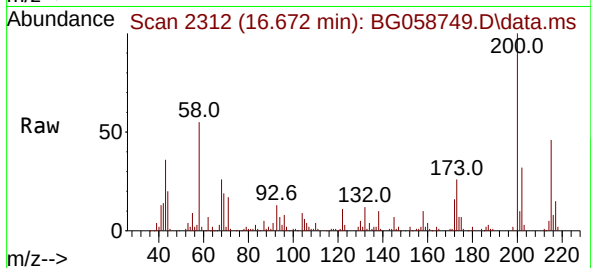
215 46.1 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#70

Pentachlorophenol

Concen: 81.676 ng

RT: 16.865 min Scan# 2345

Delta R.T. 0.006 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

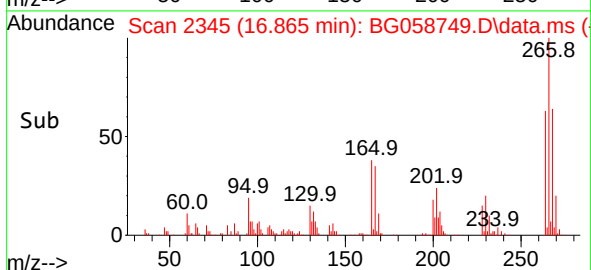
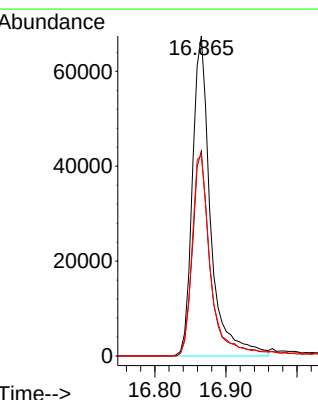
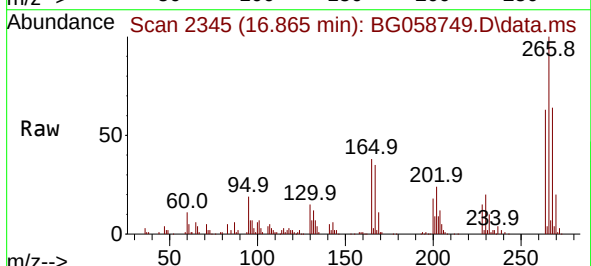
Tgt Ion:266 Resp: 119814

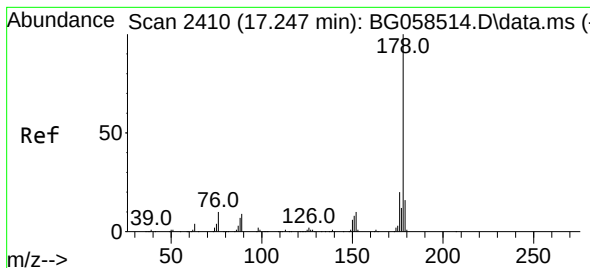
Ion Ratio Lower Upper

266 100

268 64.0 49.9 74.9

264 62.6 50.2 75.4





#71
Phenanthrene
Concen: 47.443 ng
RT: 17.247 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

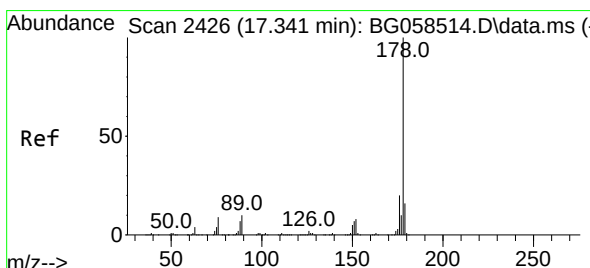
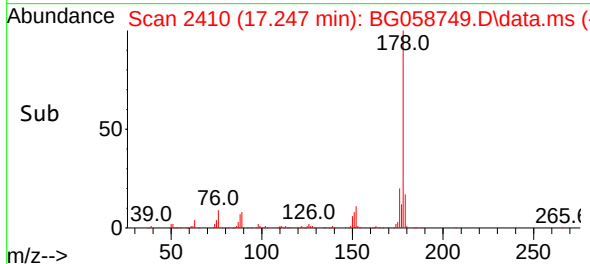
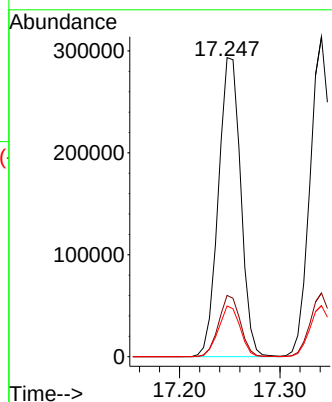
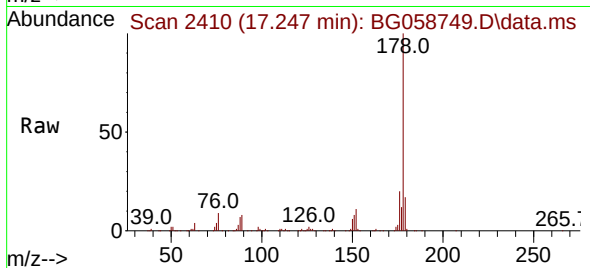
PB154284BS

Tgt Ion:178 Resp: 45370
Ion Ratio Lower Upper
178 100
176 20.5 16.3 24.5
179 17.0 13.1 19.7

Manual Integrations

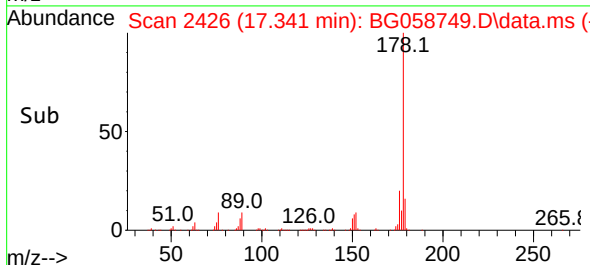
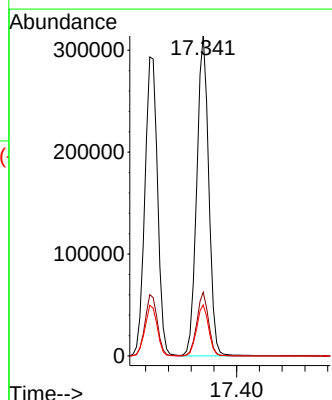
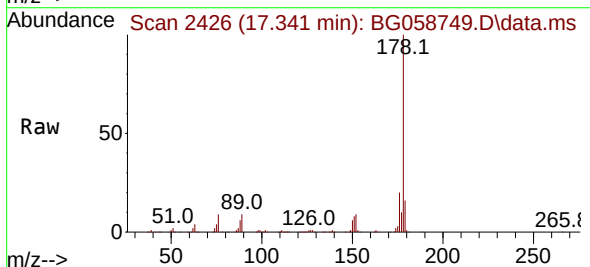
APPROVED

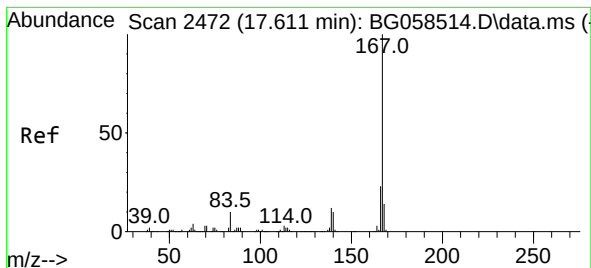
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72
Anthracene
Concen: 46.993 ng
RT: 17.341 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Tgt Ion:178 Resp: 461120
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 12.9 19.3





#73

Carbazole

Concen: 50.144 ng

RT: 17.612 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

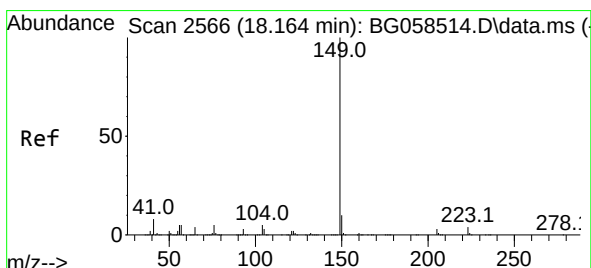
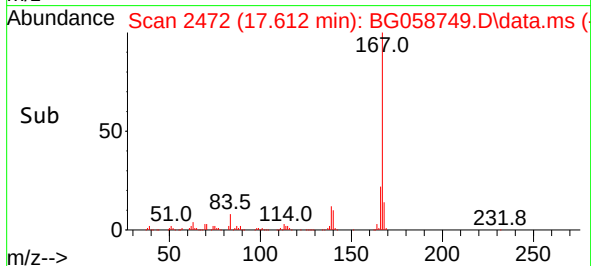
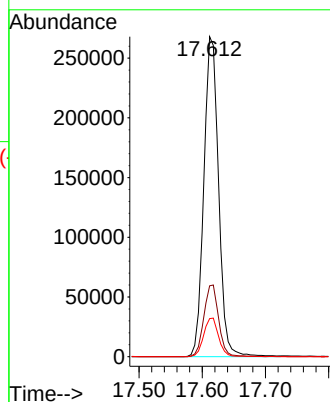
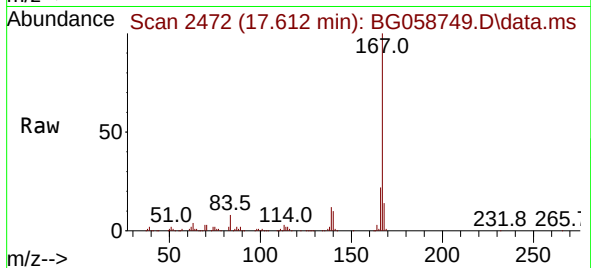
Tgt Ion:	167	Resp:	43389
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.4	27.6
139	11.9	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#74

Di-n-butylphthalate

Concen: 49.847 ng

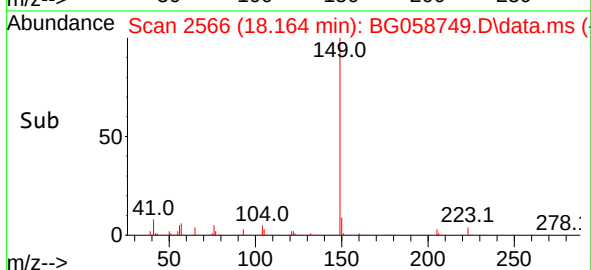
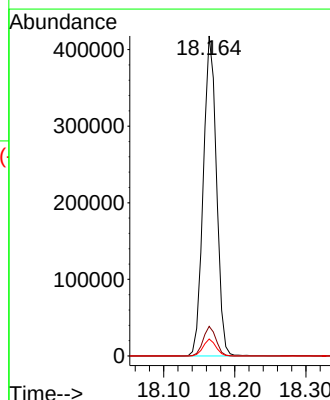
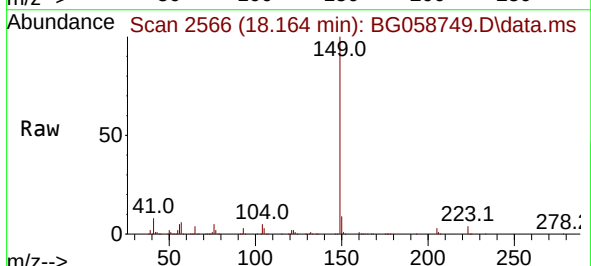
RT: 18.164 min Scan# 2566

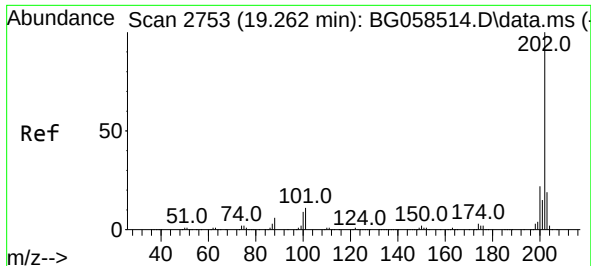
Delta R.T. 0.000 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Tgt Ion:	149	Resp:	540258
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.3	4.0	6.0





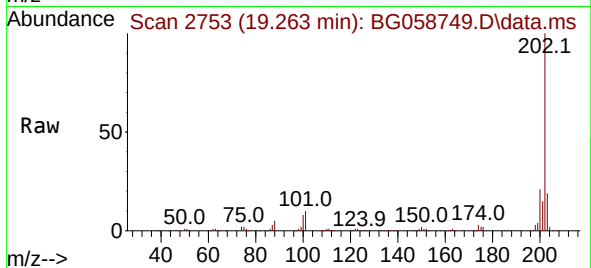
#75
Fluoranthene
Concen: 48.623 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS



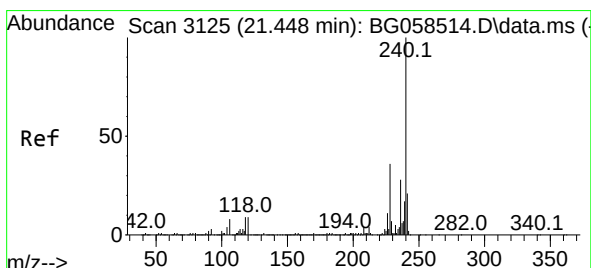
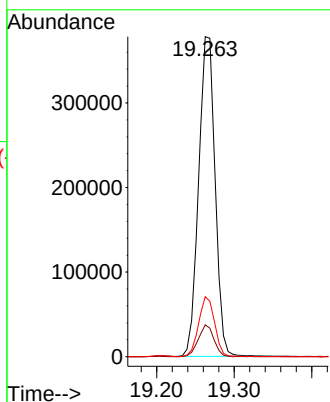
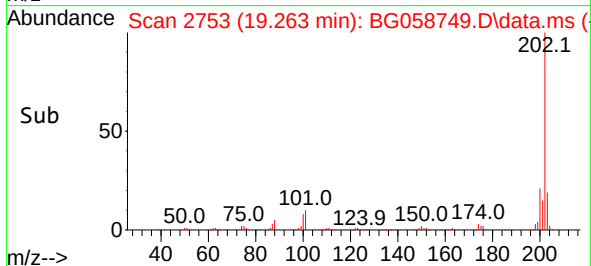
Tgt Ion:202 Resp: 55855
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 18.7 0.0 39.0

Manual Integrations

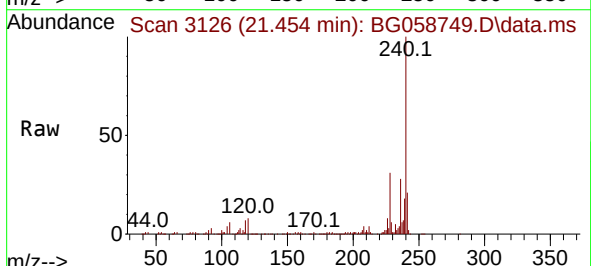
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

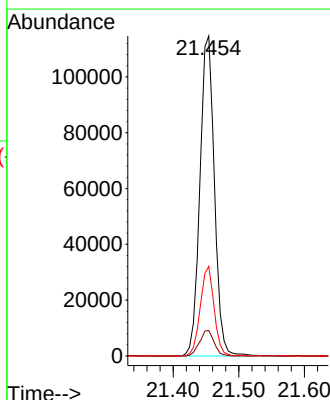
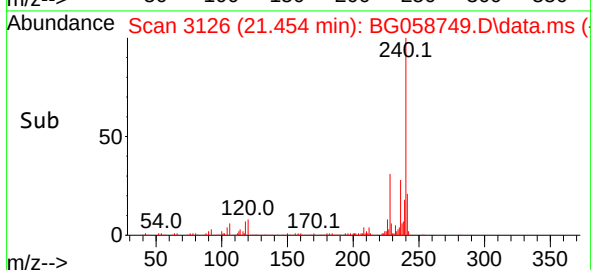
Supervised By :mohammad ahmed 08/17/2023

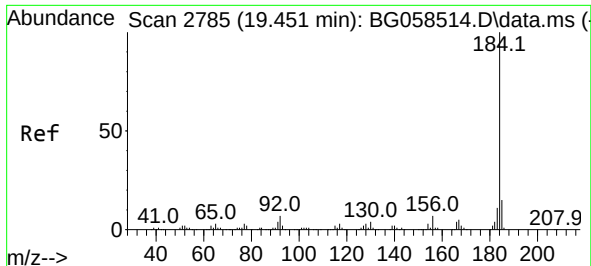


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



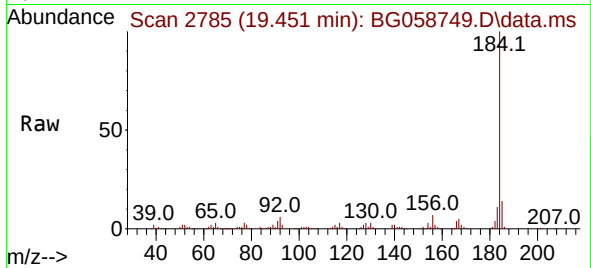
Tgt Ion:240 Resp: 176657
Ion Ratio Lower Upper
240 100
120 7.9 7.4 11.0
236 28.0 22.2 33.4





#77
Benzidine
Concen: 73.809 ng
RT: 19.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

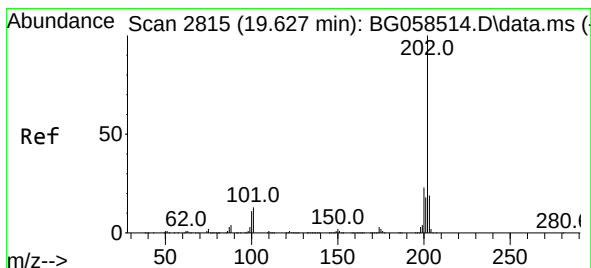
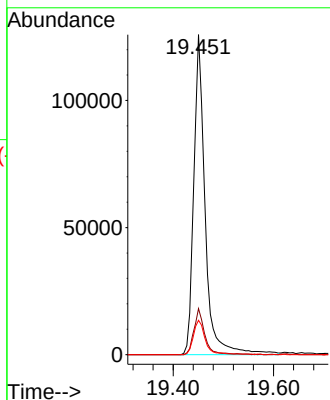
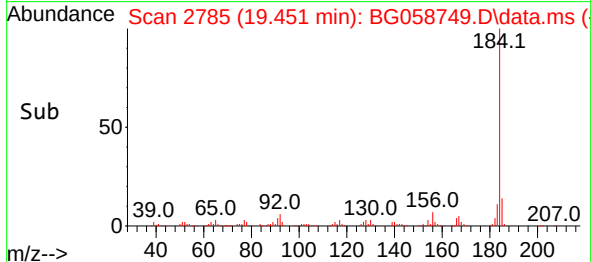
Instrument :
BNA_G
ClientSampleId :
PB154284BS



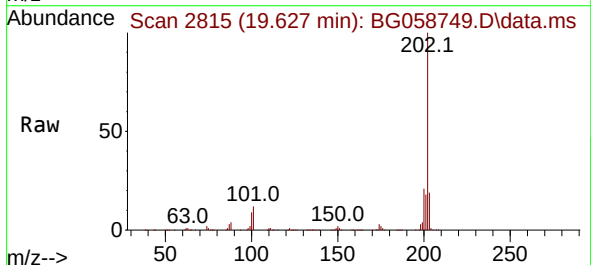
Tgt Ion:184 Resp: 19772
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 10.8 8.7 13.1

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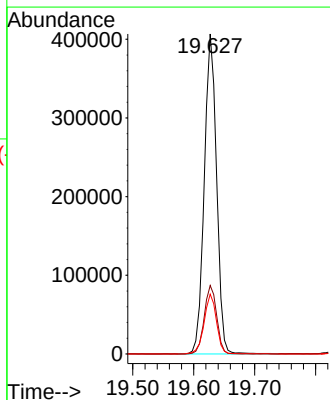
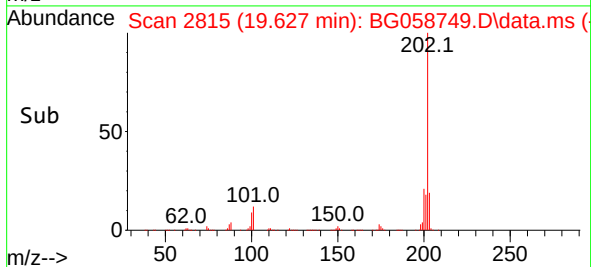
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

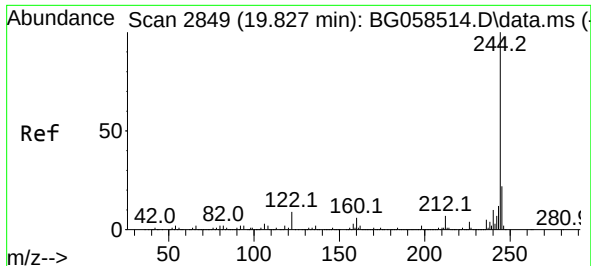


#78
Pyrene
Concen: 47.605 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:202 Resp: 572327
Ion Ratio Lower Upper
202 100
200 21.4 18.2 27.2
203 18.7 15.1 22.7





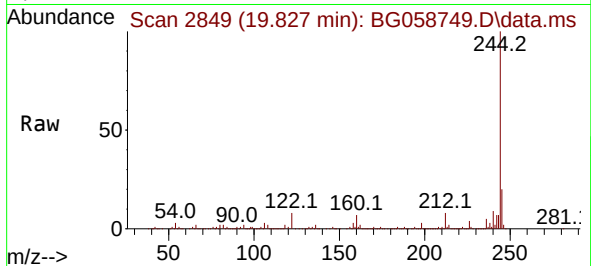
#79
 Terphenyl-d14
 Concen: 98.640 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058749.D
 Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

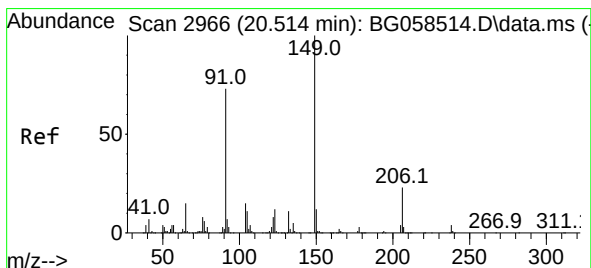
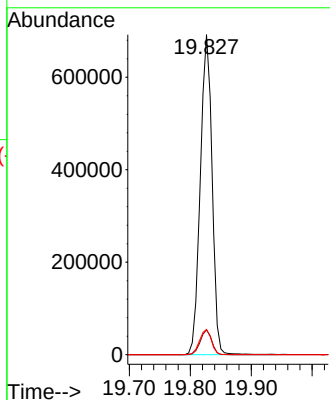
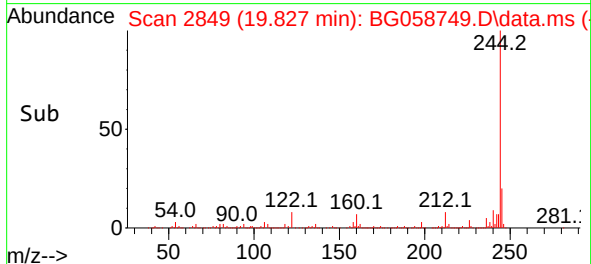


Tgt Ion:244 Resp: 926624
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 7.9 6.8 10.2

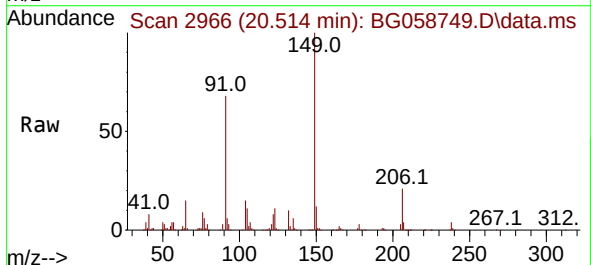
Manual Integrations

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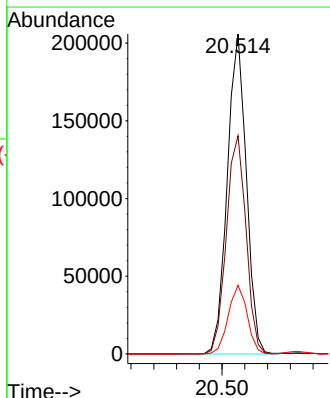
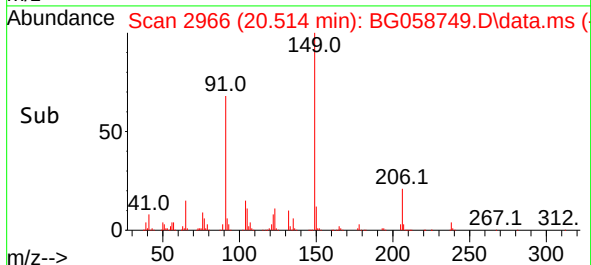
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

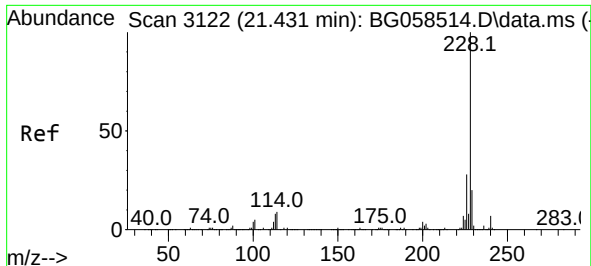


#80
 Butylbenzylphthalate
 Concen: 48.457 ng
 RT: 20.514 min Scan# 2966
 Delta R.T. 0.000 min
 Lab File: BG058749.D
 Acq: 16 Aug 2023 15:25



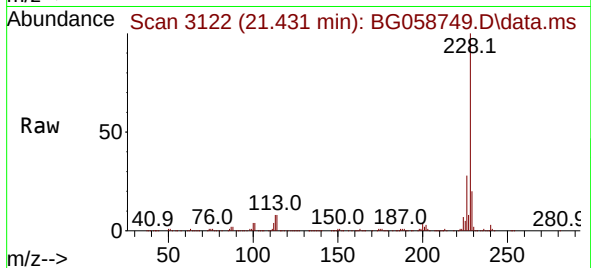
Tgt Ion:149 Resp: 239297
 Ion Ratio Lower Upper
 149 100
 91 68.2 58.4 87.6
 206 21.5 18.3 27.5





#81
Benzo(a)anthracene
Concen: 47.931 ng
RT: 21.431 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

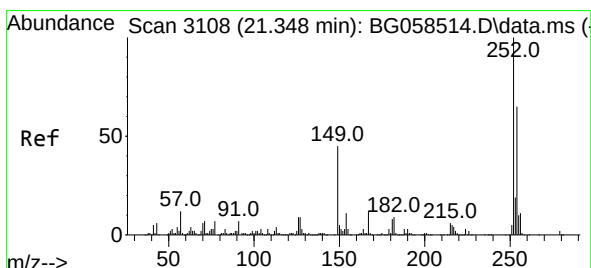
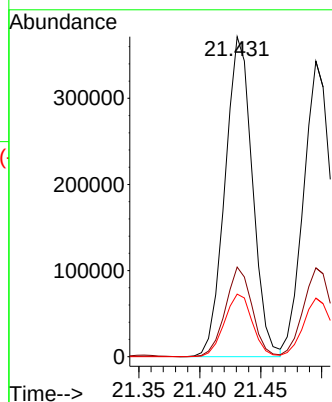
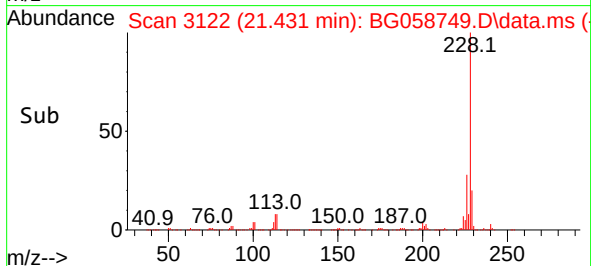
Instrument :
BNA_G
ClientSampleId :
PB154284BS



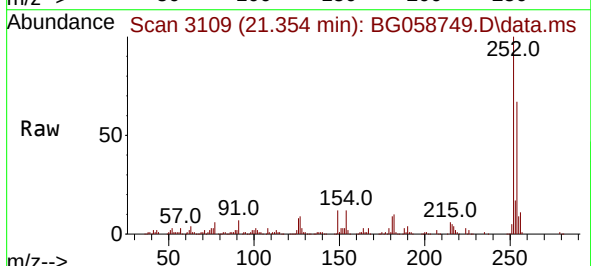
Tgt Ion:228 Resp: 582715
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.6 16.3 24.5

Manual Integrations
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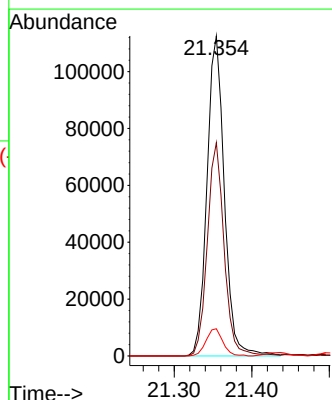
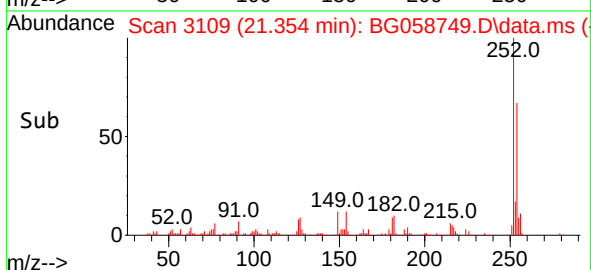
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

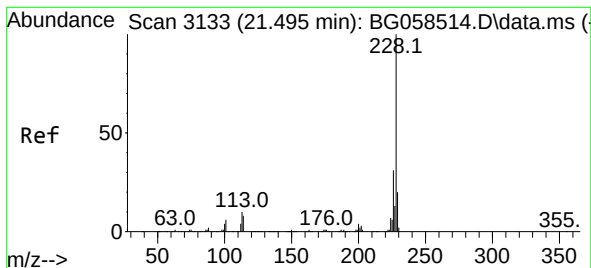


#82
3,3'-Dichlorobenzidine
Concen: 42.602 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:252 Resp: 175115
Ion Ratio Lower Upper
252 100
254 66.7 52.2 78.4
126 8.5 7.2 10.8





#83

Chrysene

Concen: 46.495 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

PB154284BS

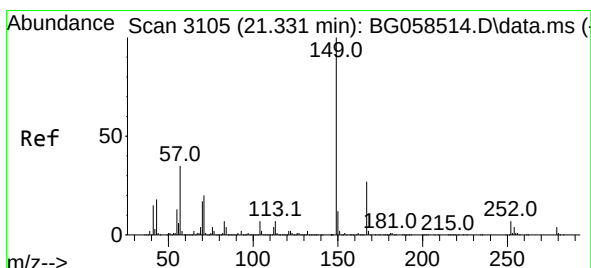
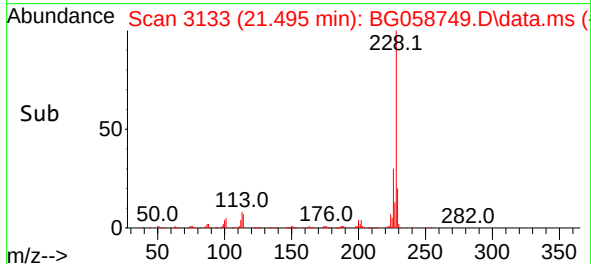
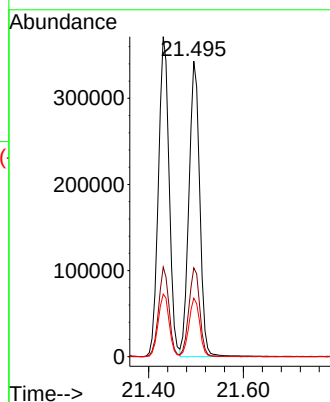
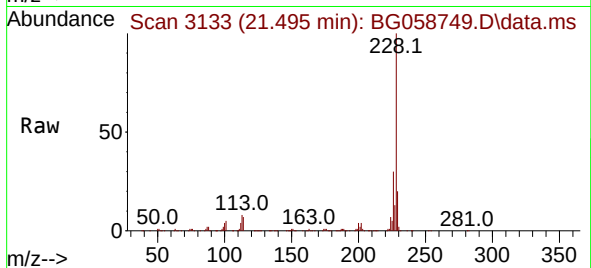
Tgt Ion:228 Resp: 54196
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.8 16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.220 ng

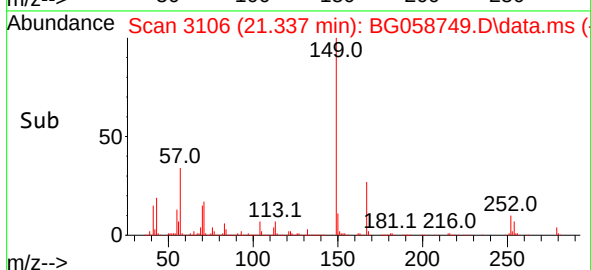
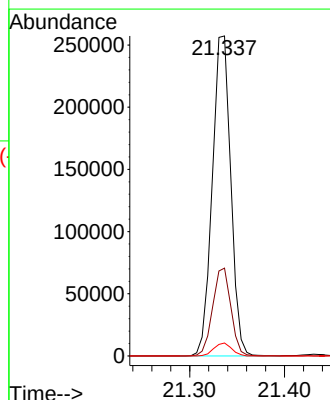
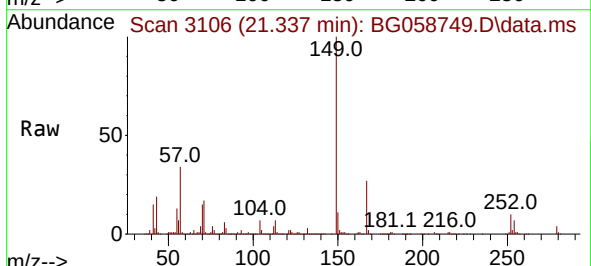
RT: 21.337 min Scan# 3106

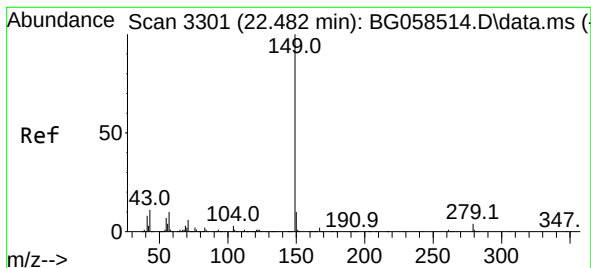
Delta R.T. 0.006 min

Lab File: BG058749.D

Acq: 16 Aug 2023 15:25

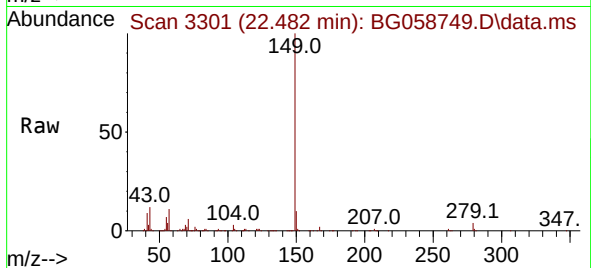
Tgt Ion:149 Resp: 347980
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 48.499 ng
RT: 22.482 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

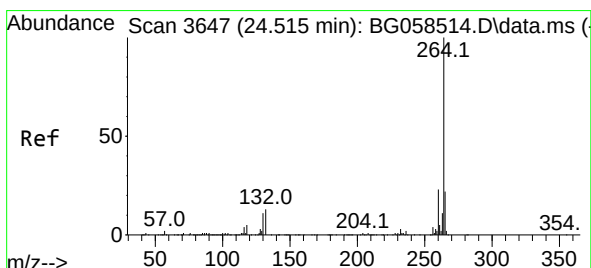
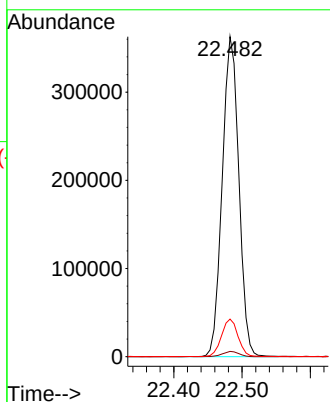
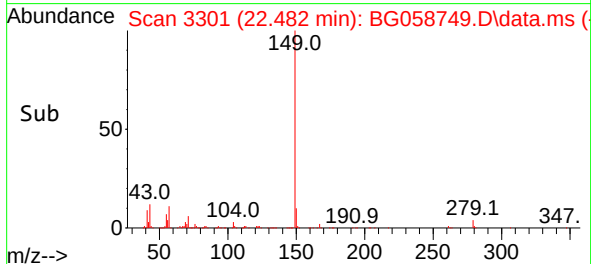
Instrument :
BNA_G
ClientSampleId :
PB154284BS



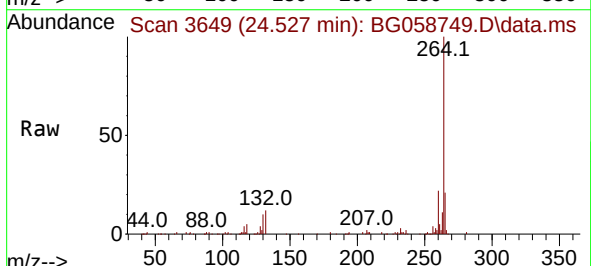
Tgt Ion:149 Resp: 61533
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 8.2 12.2

Manual Integrations
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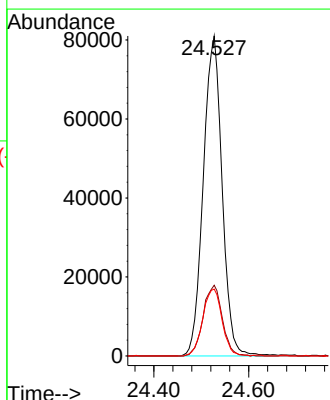
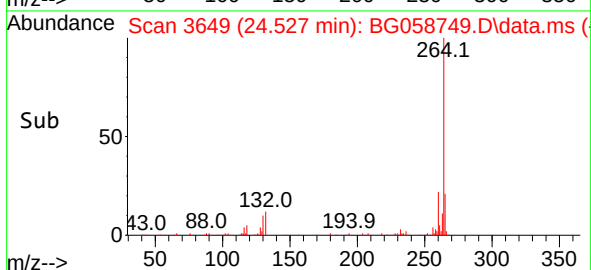
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

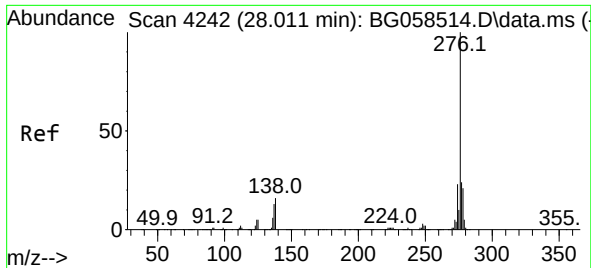


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.527 min Scan# 3649
Delta R.T. 0.012 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



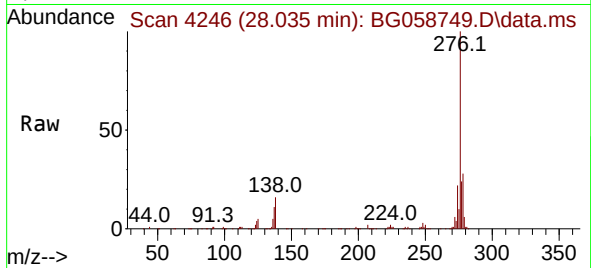
Tgt Ion:264 Resp: 223093
Ion Ratio Lower Upper
264 100
260 22.1 18.4 27.6
265 20.9 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.233 ng
RT: 28.035 min Scan# 4246
Delta R.T. 0.024 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

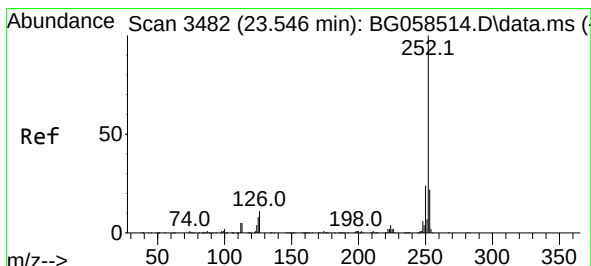
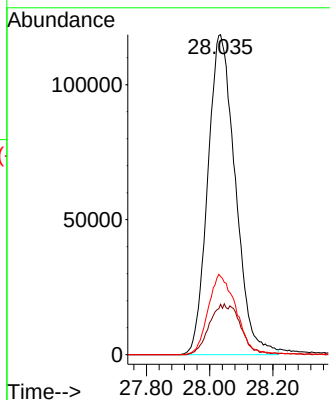
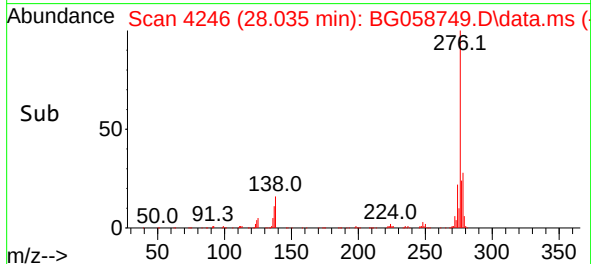
Instrument :
BNA_G
ClientSampleId :
PB154284BS



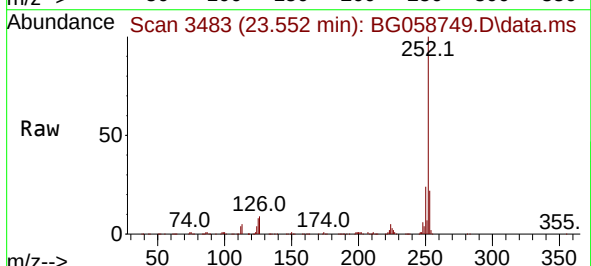
Tgt Ion:276 Resp: 71586
Ion Ratio Lower Upper
276 100
138 8.0 16.0 24.0
277 25.6 20.4 30.6

Manual Integrations
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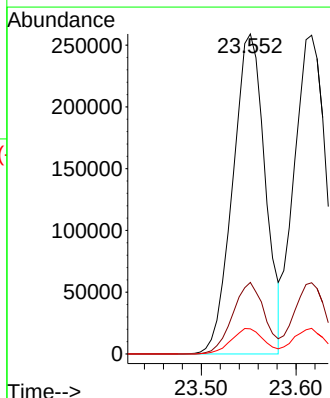
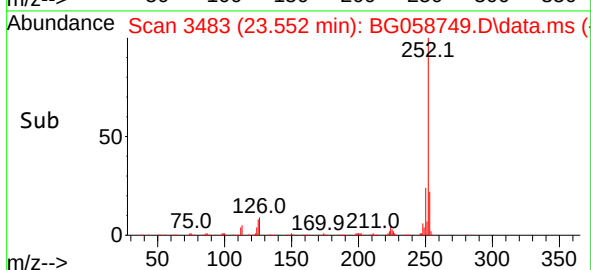
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

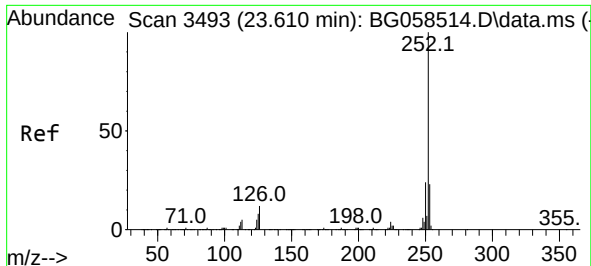


#88
Benzo(b)fluoranthene
Concen: 50.854 ng
RT: 23.552 min Scan# 3483
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



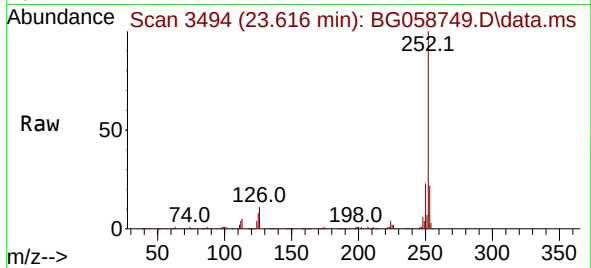
Tgt Ion:252 Resp: 615336
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.9 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 49.673 ng
RT: 23.616 min Scan# 3493
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

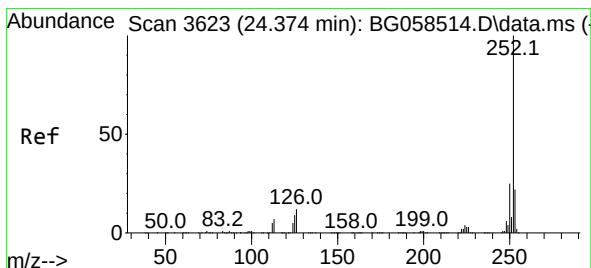
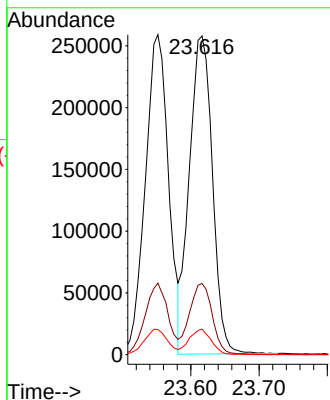
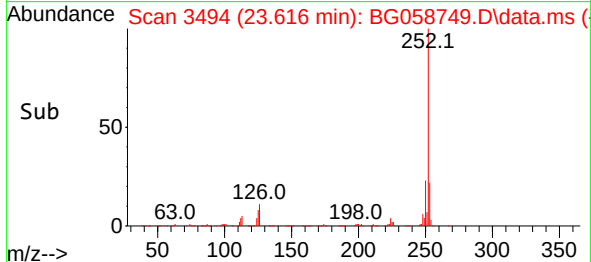
Instrument :
BNA_G
ClientSampleId :
PB154284BS



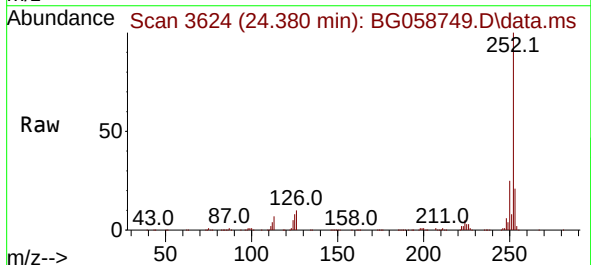
Tgt Ion:252 Resp: 60381
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.0 6.6 10.0

Manual Integrations
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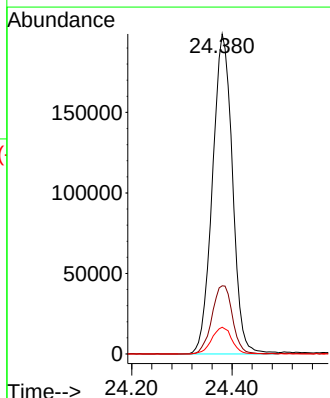
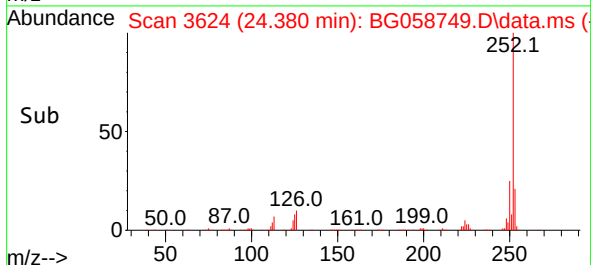
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

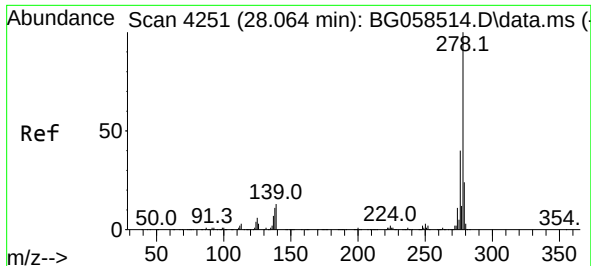


#90
Benzo(a)pyrene
Concen: 46.263 ng
RT: 24.380 min Scan# 3624
Delta R.T. 0.006 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



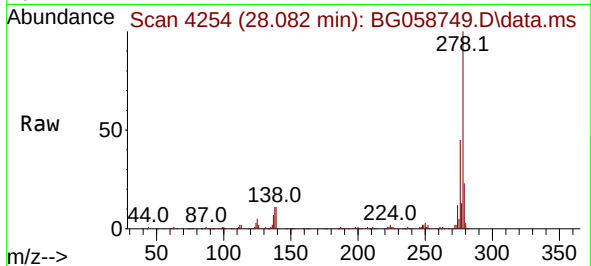
Tgt Ion:252 Resp: 549745
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.3 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.171 ng
RT: 28.082 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25

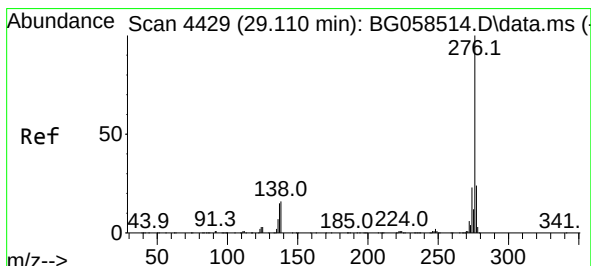
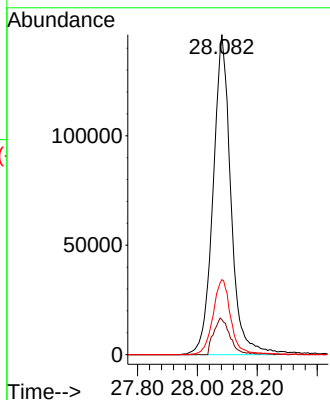
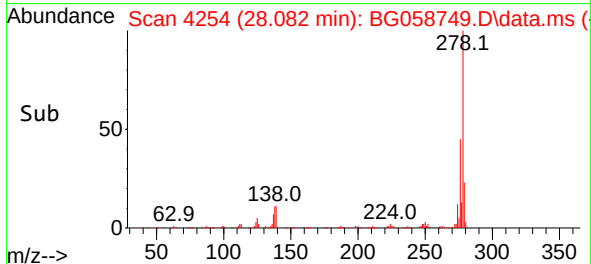
Instrument :
BNA_G
ClientSampleId :
PB154284BS



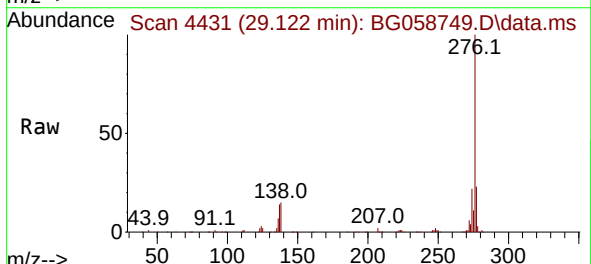
Tgt Ion:278 Resp: 603420
Ion Ratio Lower Upper
278 100
139 10.9 10.4 15.6
279 23.4 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#92
Benzo(g,h,i)perylene
Concen: 47.160 ng
RT: 29.122 min Scan# 4431
Delta R.T. 0.012 min
Lab File: BG058749.D
Acq: 16 Aug 2023 15:25



Tgt Ion:276 Resp: 580334
Ion Ratio Lower Upper
276 100
277 22.7 18.9 28.3
138 14.8 13.0 19.4

