

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058745.D
 Acq On : 16 Aug 2023 12:43
 Operator : MA/JU
 Sample : PB154469BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154469BS

Quant Time: Aug 16 13:30:37 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	27770	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	123238	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	91768	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	231752	20.000	ng	0.00
76) Chrysene-d12	21.452	240	194916	20.000	ng	0.00
86) Perylene-d12	24.525	264	249809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	247141	136.026	ng	0.00
7) Phenol-d6	6.986	99	340929	134.854	ng	0.00
23) Nitrobenzene-d5	8.978	82	209011	83.316	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	182772	121.512	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	498207	81.358	ng	0.00
79) Terphenyl-d14	19.824	244	932719	89.988	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	29114	33.069	ng	# 87
3) Pyridine	3.661	79	73325	30.548	ng	# 81
4) n-Nitrosodimethylamine	3.579	42	48831	48.014	ng	86
6) Aniline	7.133	93	93230	29.952	ng	96
8) 2-Chlorophenol	7.374	128	91750	51.476	ng	97
9) Benzaldehyde	6.945	77	39585	28.820	ng	93
10) Phenol	7.010	94	124290	50.328	ng	97
11) bis(2-Chloroethyl)ether	7.233	93	84741	43.525	ng	91
12) 1,3-Dichlorobenzene	7.697	146	85524	44.935	ng	98
13) 1,4-Dichlorobenzene	7.844	146	89922	47.054	ng	97
14) 1,2-Dichlorobenzene	8.162	146	85035	46.541	ng	99
15) Benzyl Alcohol	8.050	79	92359	57.606	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.338	45	180023	56.922	ng	94
17) 2-Methylphenol	8.261	107	85112	47.135	ng	96
18) Hexachloroethane	8.890	117	32618	46.959	ng	96
19) n-Nitroso-di-n-propyla...	8.614	70	74061	45.353	ng	94
20) 3+4-Methylphenols	8.590	107	117294	48.022	ng	96
22) Acetophenone	8.632	105	146873	44.509	ng	# 93
24) Nitrobenzene	9.019	77	109815	43.059	ng	98
25) Isophorone	9.536	82	215589	41.593	ng	98
26) 2-Nitrophenol	9.730	139	49799	44.857	ng	95
27) 2,4-Dimethylphenol	9.789	122	83831	45.524	ng	95
28) bis(2-Chloroethoxy)met...	10.018	93	119984	42.536	ng	99
29) 2,4-Dichlorophenol	10.265	162	92554	48.407	ng	100
30) 1,2,4-Trichlorobenzene	10.476	180	97874	44.387	ng	100
31) Naphthalene	10.659	128	276789	42.613	ng	99
32) Benzoic acid	9.959	122	50085	36.803	ng	92
33) 4-Chloroaniline	10.776	127	61791	22.516	ng	99
34) Hexachlorobutadiene	10.941	225	64039	45.098	ng	98
35) Caprolactam	11.563	113	33168m	46.977	ng	
36) 4-Chloro-3-methylphenol	11.910	107	114611	48.457	ng	98
37) 2-Methylnaphthalene	12.274	142	196469	42.286	ng	95
38) 1-Methylnaphthalene	12.498	142	190943	43.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.650	216	118384	42.019	ng	99
41) Hexachlorocyclopentadiene	12.621	237	101763	77.956	ng	100
43) 2,4,6-Trichlorophenol	12.891	196	84850	43.786	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	93959	41.166	ng	96
46) 1,1'-Biphenyl	13.291	154	272125	43.179	ng	98
47) 2-Chloronaphthalene	13.332	162	216454	44.050	ng	99
48) 2-Nitroaniline	13.543	65	86187	45.952	ng	96
49) Acenaphthylene	14.184	152	364259	44.277	ng	99
50) Dimethylphthalate	13.919	163	304672	44.207	ng	98
51) 2,6-Dinitrotoluene	14.043	165	69668	46.070	ng	98
52) Acenaphthene	14.525	154	202462	42.591	ng	100
53) 3-Nitroaniline	14.378	138	41552	27.464	ng	92
54) 2,4-Dinitrophenol	14.589	184	75220	87.467	ng	94
55) Dibenzofuran	14.860	168	352779	43.189	ng	97
56) 4-Nitrophenol	14.695	139	101215	89.854	ng	86
57) 2,4-Dinitrotoluene	14.836	165	100272	47.828	ng	96
58) Fluorene	15.506	166	290197	44.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.089	232	88468	45.423	ng	98
60) Diethylphthalate	15.277	149	320807	45.691	ng	100
61) 4-Chlorophenyl-phenyle...	15.500	204	159133	43.988	ng	97
62) 4-Nitroaniline	15.541	138	69170	48.261	ng	95
63) Azobenzene	15.794	77	296086	42.814	ng	96
65) 4,6-Dinitro-2-methylph...	15.600	198	58497	45.777	ng	94
66) n-Nitrosodiphenylamine	15.717	169	261655	43.379	ng	99
67) 4-Bromophenyl-phenylether	16.393	248	111694	42.492	ng	98
68) Hexachlorobenzene	16.511	284	123593	44.372	ng	97
69) Atrazine	16.669	200	109013	53.537	ng	98
70) Pentachlorophenol	16.863	266	118186	70.102	ng	98
71) Phenanthrene	17.251	178	486585	44.272	ng	99
72) Anthracene	17.339	178	490573	43.501	ng	99
73) Carbazole	17.615	167	456109	45.865	ng	100
74) Di-n-butylphthalate	18.162	149	565666	45.412	ng	99
75) Fluoranthene	19.266	202	582312	44.107	ng	98
77) Benzidine	19.448	184	176926	59.859	ng	99
78) Pyrene	19.625	202	600511	45.270	ng	98
80) Butylbenzylphthalate	20.512	149	248972	45.693	ng	96
81) Benzo(a)anthracene	21.434	228	600331	44.754	ng	98
82) 3,3'-Dichlorobenzidine	21.352	252	167165	36.858	ng	98
83) Chrysene	21.493	228	555631	43.202	ng	98
84) Bis(2-ethylhexyl)phtha...	21.334	149	363279	45.624	ng	99
85) Di-n-octyl phthalate	22.480	149	638946	45.642	ng	97
87) Indeno(1,2,3-cd)pyrene	28.026	276	746046	44.891	ng	98
88) Benzo(b)fluoranthene	23.549	252	630295	46.519	ng	99
89) Benzo(k)fluoranthene	23.614	252	613924	45.104	ng	99
90) Benzo(a)pyrene	24.378	252	566865	42.602	ng	99
91) Dibenzo(a,h)anthracene	28.079	278	618703	45.024	ng	98
92) Benzo(g,h,i)perylene	29.119	276	594956	43.177	ng	99

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

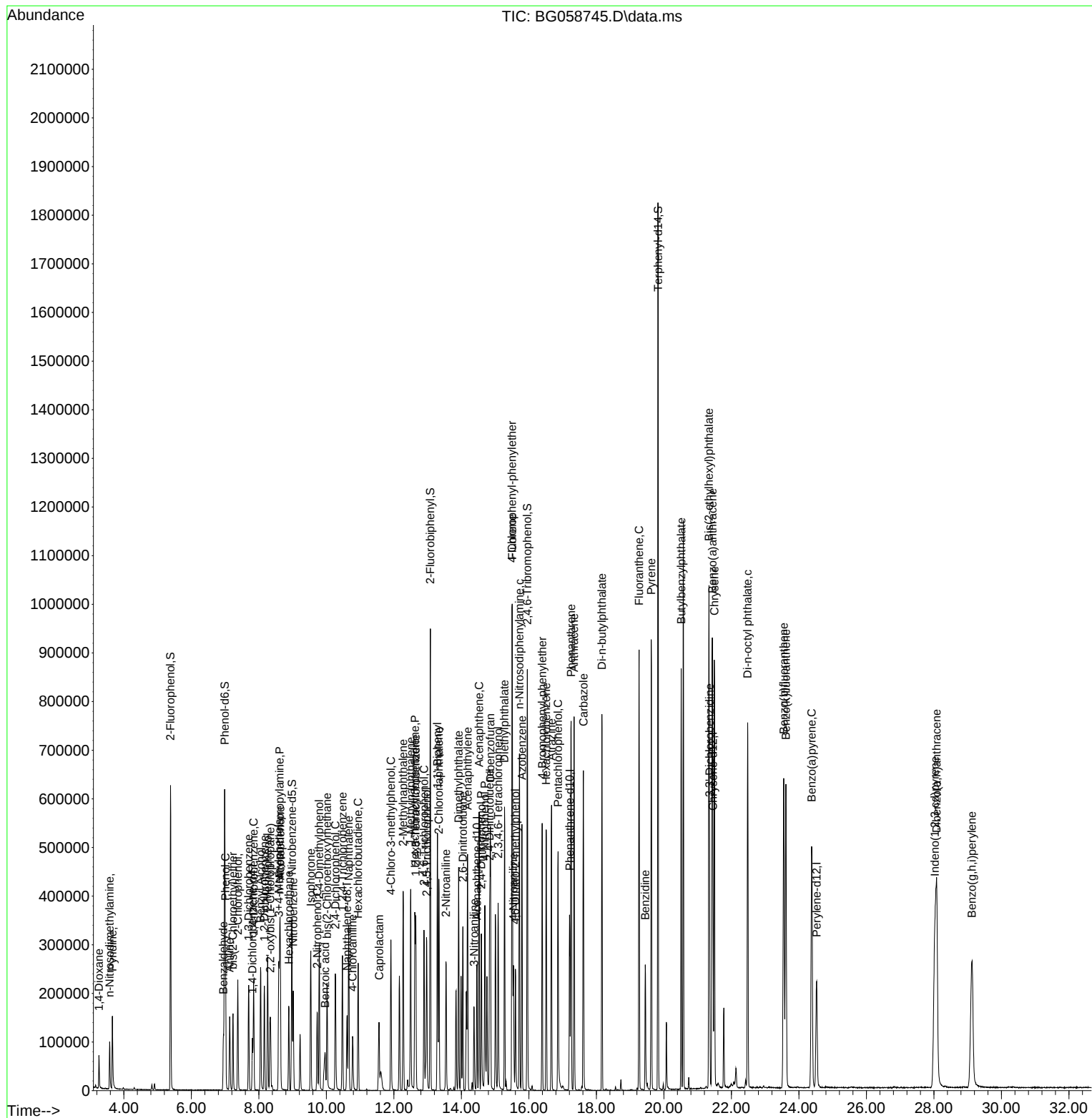
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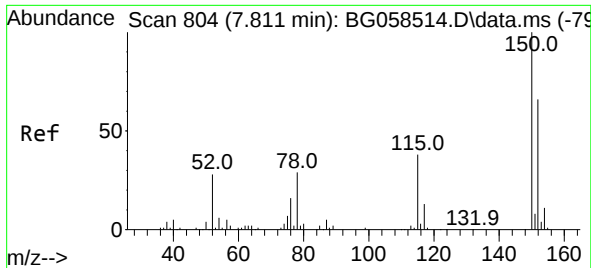
Instrument :
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ClientSampleId :
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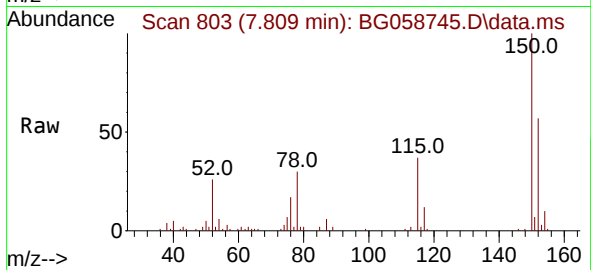
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

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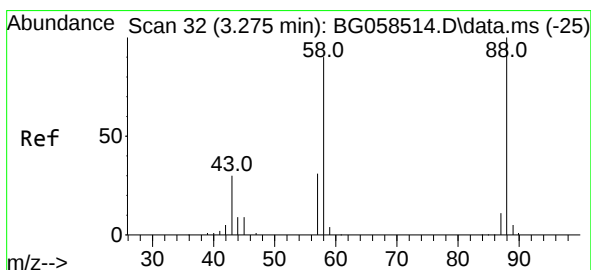
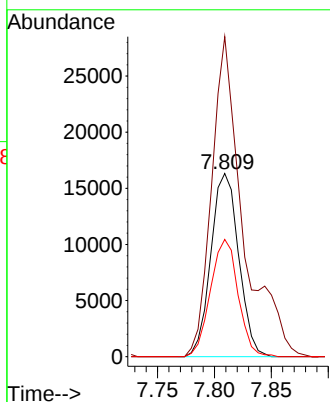
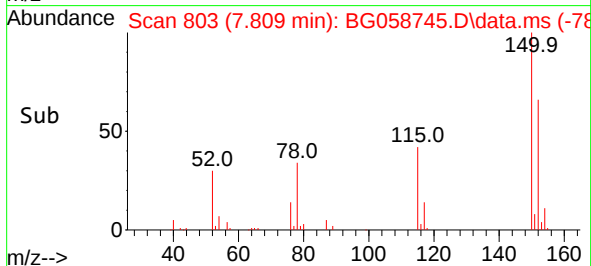


Tgt Ion:152 Resp: 27770
Ion Ratio Lower Upper
152 100
150 174.7 120.5 180.7
115 64.1 45.9 68.9

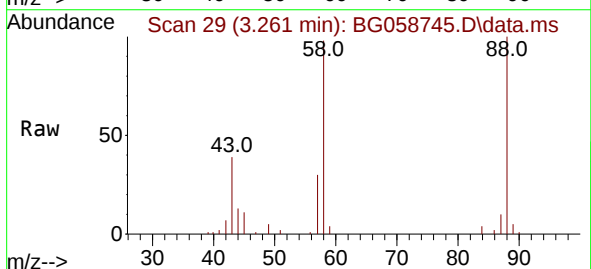
Manual Integrations

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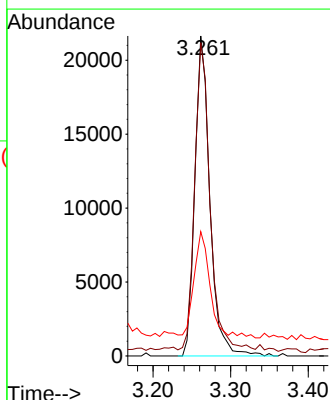
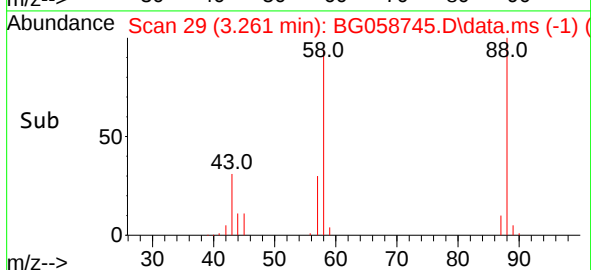
Reviewed By :Yogesh Patel 08/17/2023
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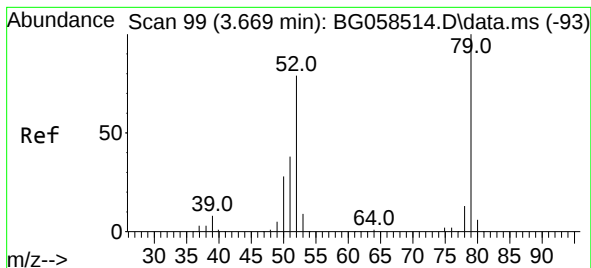


#2
1,4-Dioxane
Concen: 33.069 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



Tgt Ion: 88 Resp: 29114
Ion Ratio Lower Upper
88 100
58 97.1 68.9 103.3
43 36.2 22.9 34.3#





#3

Pyridine

Concen: 30.548 ng

RT: 3.661 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

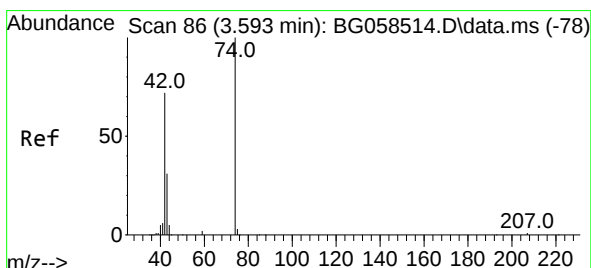
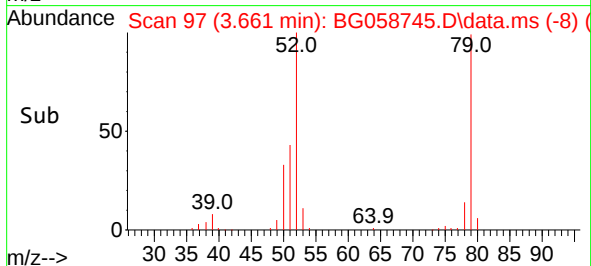
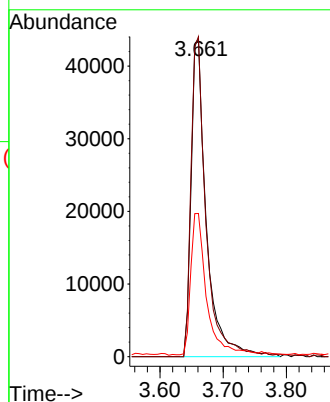
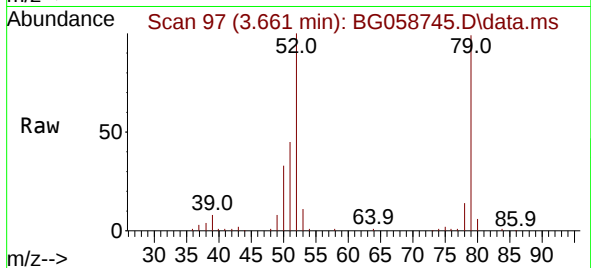
Tgt Ion:	79	Resp:	7332
Ion Ratio	Lower	Upper	
79	100		
52	100.6	63.2	94.8
51	45.0	31.9	47.9

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#4

n-Nitrosodimethylamine

Concen: 48.014 ng

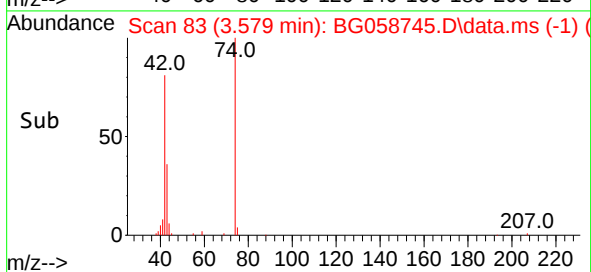
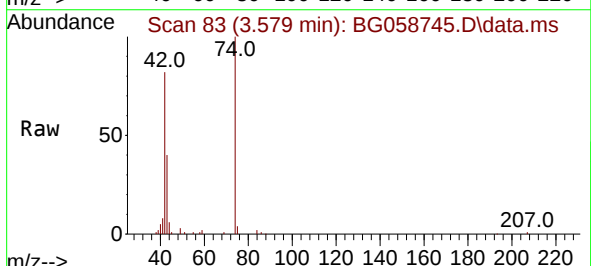
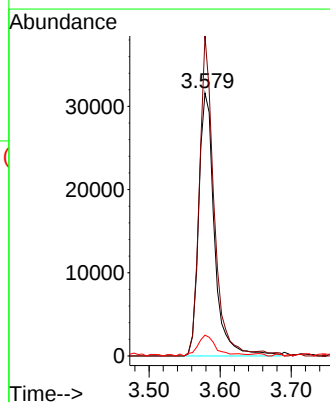
RT: 3.579 min Scan# 83

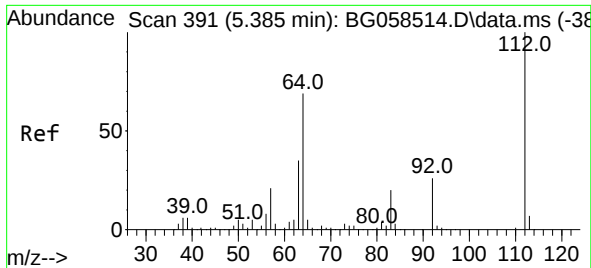
Delta R.T. -0.014 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Tgt Ion:	42	Resp:	48831
Ion Ratio	Lower	Upper	
42	100		
74	121.7	111.5	167.3
44	7.9	5.4	8.2





#5
2-Fluorophenol
Concen: 136.026 ng
RT: 5.382 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

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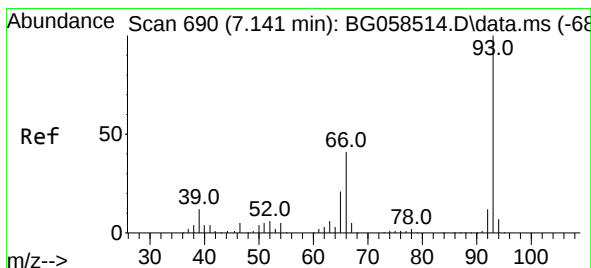
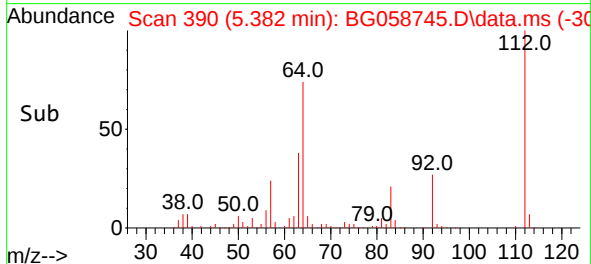
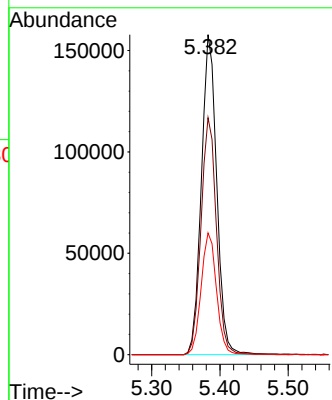
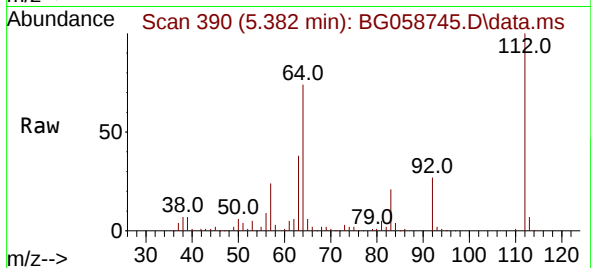
ClientSampleId :

PB154469BS

Tgt Ion:112 Resp: 24714
Ion Ratio Lower Upper
112 100
64 74.1 55.3 82.9
63 38.1 28.3 42.5

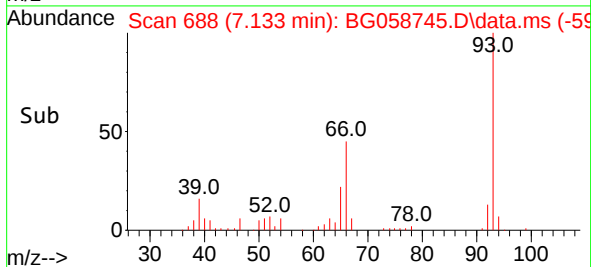
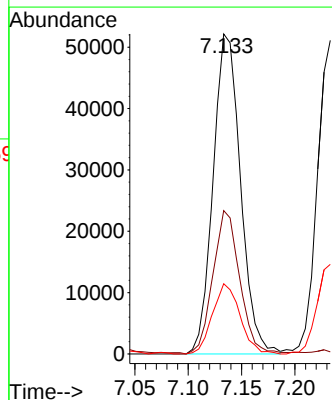
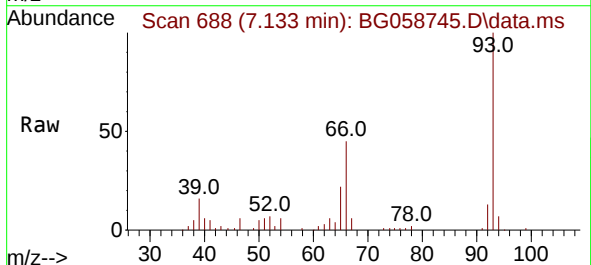
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#6
Aniline
Concen: 29.952 ng
RT: 7.133 min Scan# 688
Delta R.T. -0.008 min
Lab File: BG058745.D
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Tgt Ion: 93 Resp: 93230
Ion Ratio Lower Upper
93 100
66 44.8 33.1 49.7
65 22.0 17.0 25.4





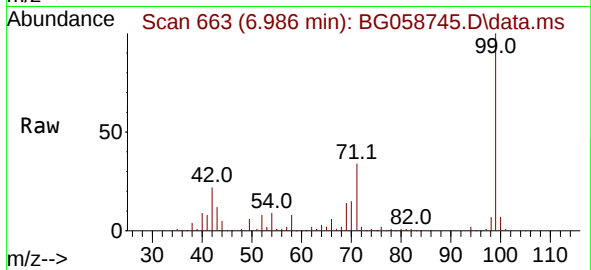
#7
Phenol-d6
Concen: 134.854 ng
RT: 6.986 min Scan# 609
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

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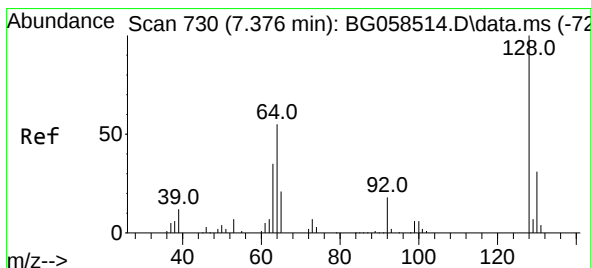
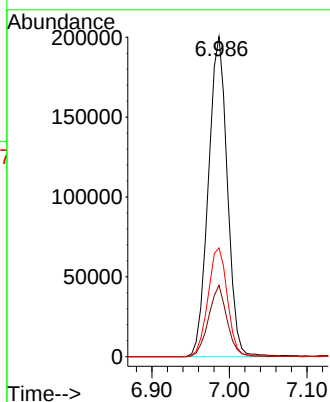
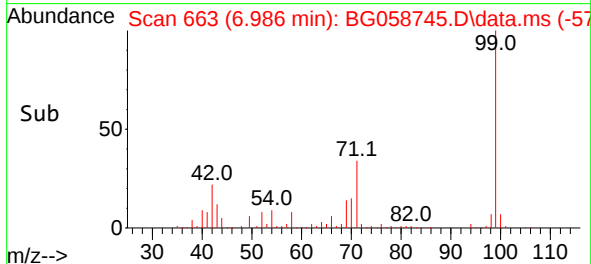
Tgt Ion: 99 Resp: 340929
Ion Ratio Lower Upper
99 100
42 22.3 14.6 21.8
71 34.0 25.0 37.4

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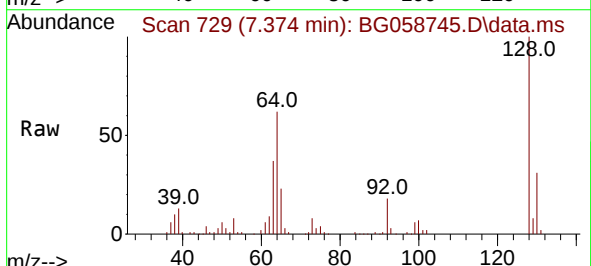
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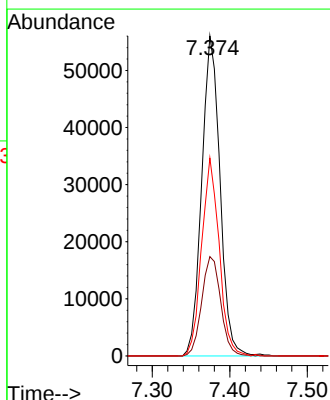
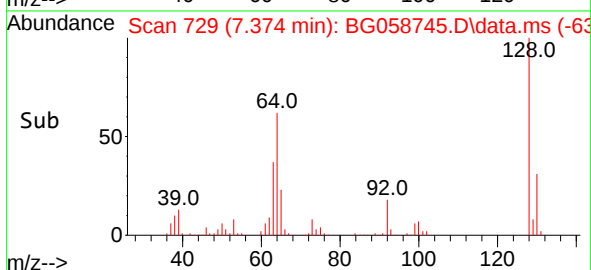
Supervised By :mohammad ahmed 08/17/2023

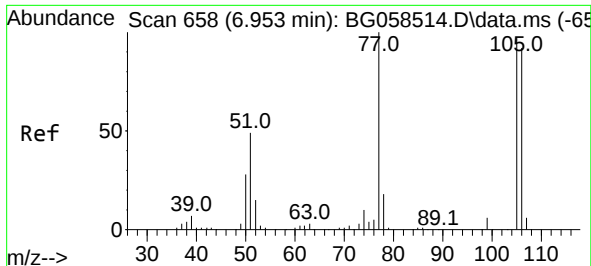


#8
2-Chlorophenol
Concen: 51.476 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



Tgt Ion:128 Resp: 91750
Ion Ratio Lower Upper
128 100
130 31.1 10.9 50.9
64 61.9 39.0 79.0





#9
Benzaldehyde
Concen: 28.820 ng
RT: 6.945 min Scan# 658
Delta R.T. -0.008 min
Lab File: BG058745.D
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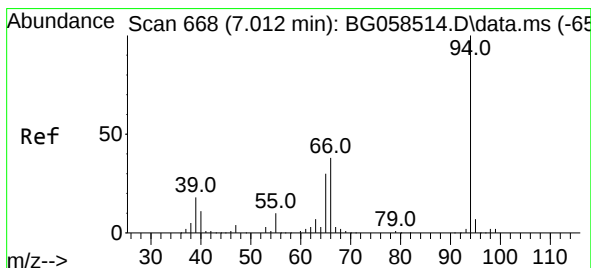
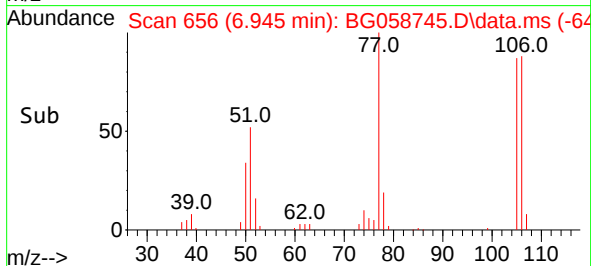
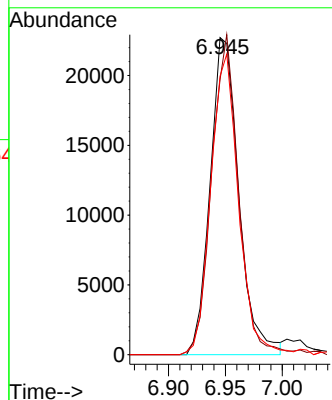
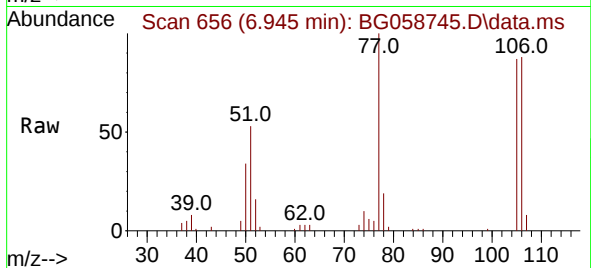
PB154469BS

Tgt Ion: 77 Resp: 3958
Ion Ratio Lower Upper
77 100
105 86.7 77.1 117.1
106 87.8 71.6 111.6

Manual Integrations

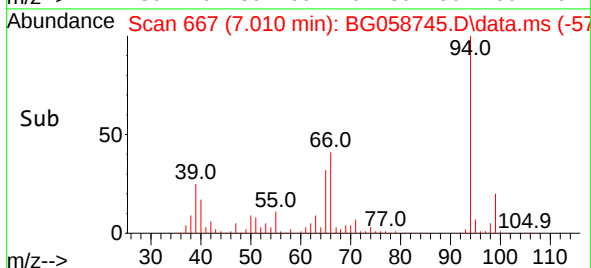
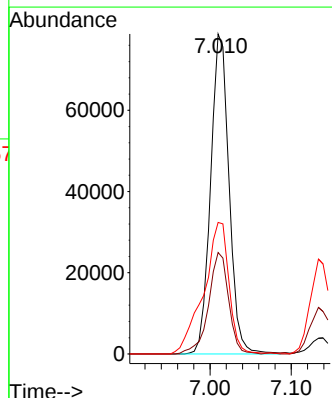
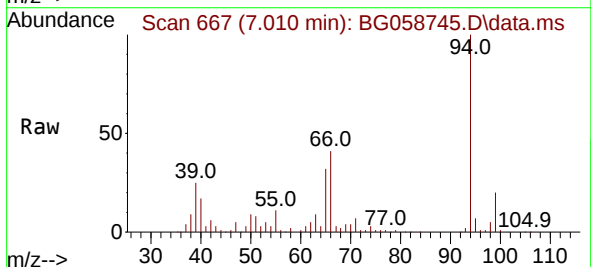
APPROVED

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



#10
Phenol
Concen: 50.328 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion: 94 Resp: 124290
Ion Ratio Lower Upper
94 100
65 31.7 10.4 50.4
66 41.1 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 43.525 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

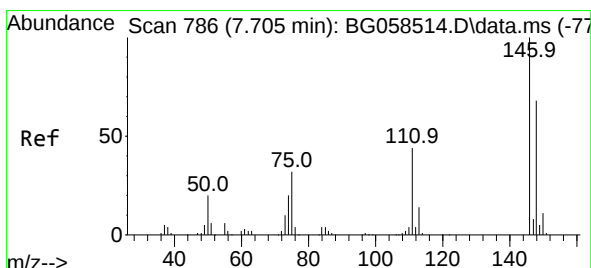
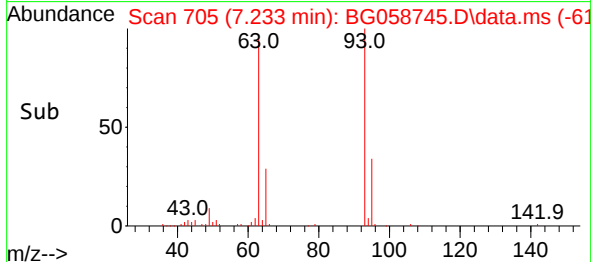
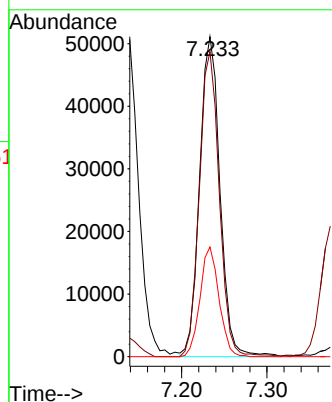
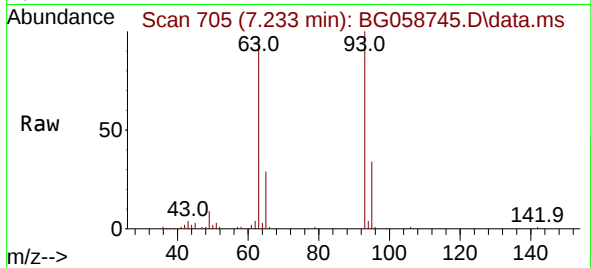
ClientSampleId :

PB154469BS

Tgt Ion: 93 Resp: 8474
Ion Ratio Lower Upper
93 100
63 95.3 65.5 105.5
95 34.3 11.2 51.2

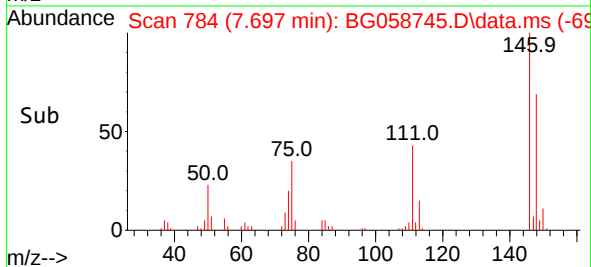
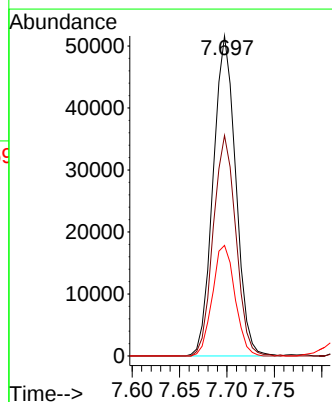
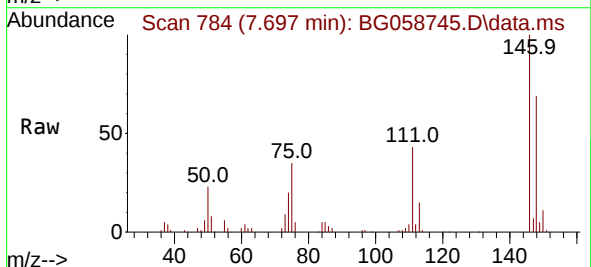
Manual Integrations
APPROVED

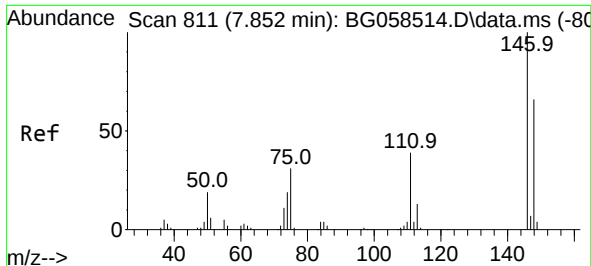
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#12
1,3-Dichlorobenzene
Concen: 44.935 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:146 Resp: 85524
Ion Ratio Lower Upper
146 100
148 68.9 54.7 82.1
75 34.5 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 47.054 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.008 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

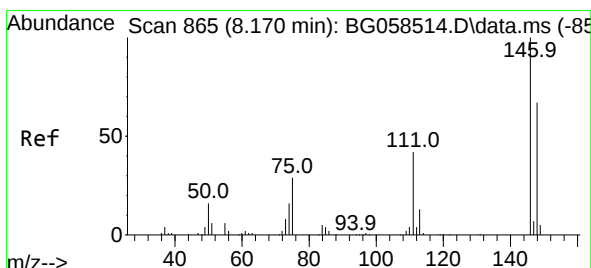
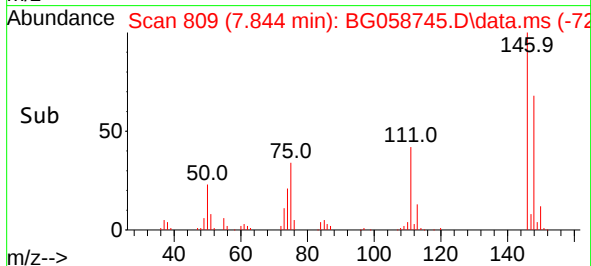
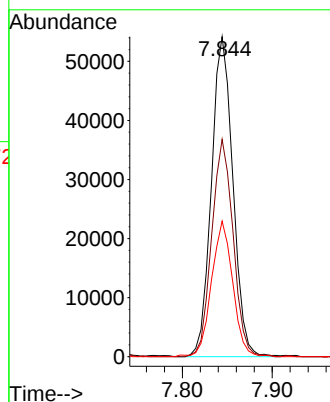
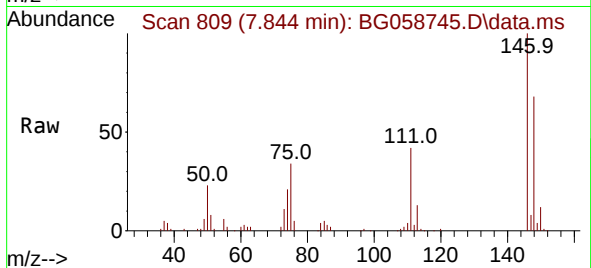
Tgt Ion:146 Resp: 8992
 Ion Ratio Lower Upper
 146 100
 148 67.9 52.8 79.2
 111 42.4 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#14

1,2-Dichlorobenzene

Concen: 46.541 ng

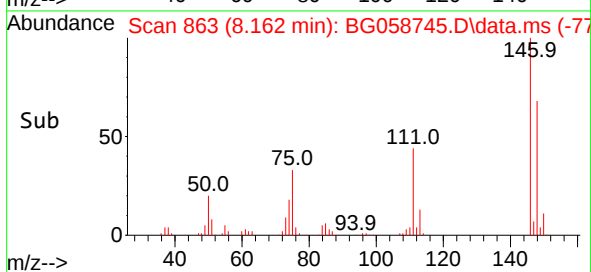
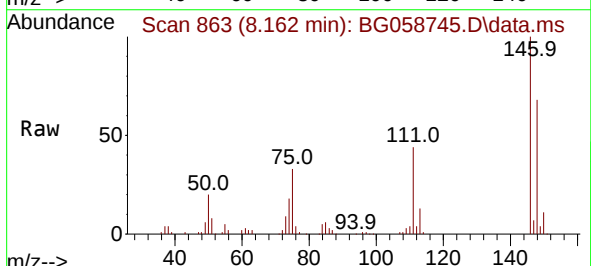
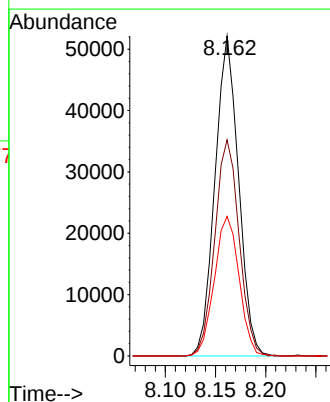
RT: 8.162 min Scan# 863

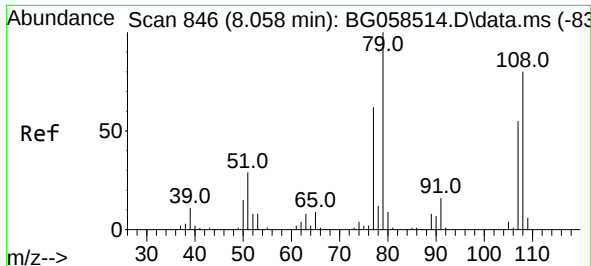
Delta R.T. -0.008 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Tgt Ion:146 Resp: 85035
 Ion Ratio Lower Upper
 146 100
 148 67.6 53.4 80.2
 111 43.6 34.2 51.2





#15
Benzyl Alcohol
Concen: 57.606 ng
RT: 8.050 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

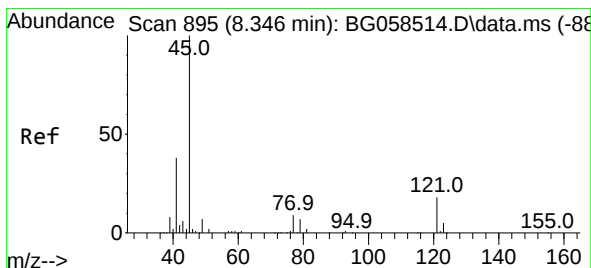
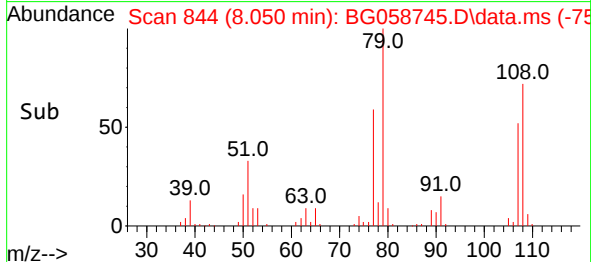
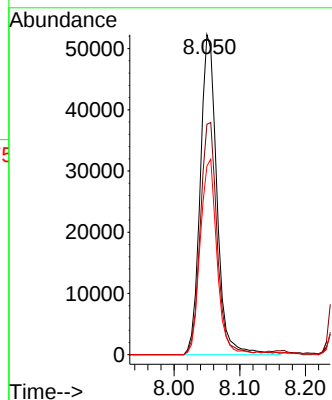
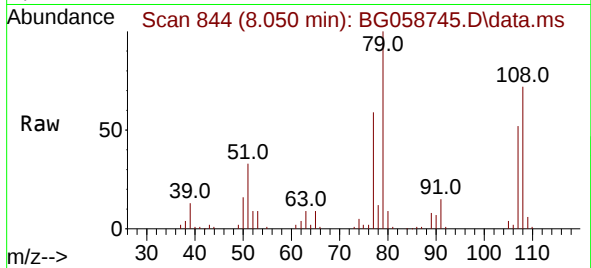
ClientSampleId :

PB154469BS

Tgt Ion: 79 Resp: 9235
Ion Ratio Lower Upper
79 100
108 72.0 63.8 95.6
77 59.0 49.8 74.6

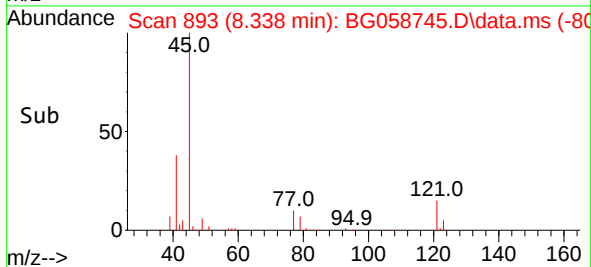
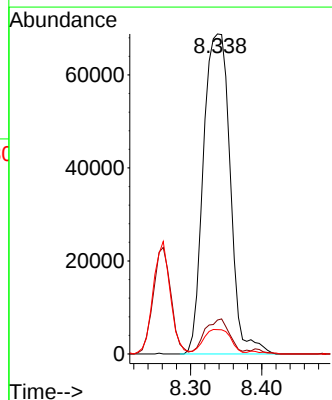
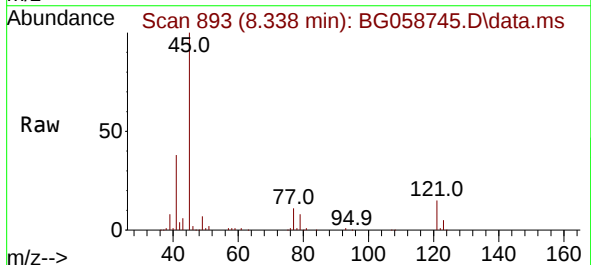
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.922 ng
RT: 8.338 min Scan# 893
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion: 45 Resp: 180023
Ion Ratio Lower Upper
45 100
77 10.6 0.0 32.6
79 7.6 0.0 30.2





#17

2-Methylphenol

Concen: 47.135 ng

RT: 8.261 min Scan# 81

Delta R.T. 0.004 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

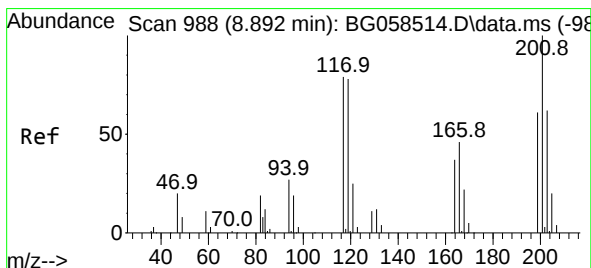
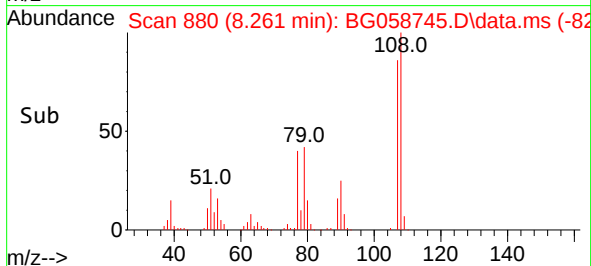
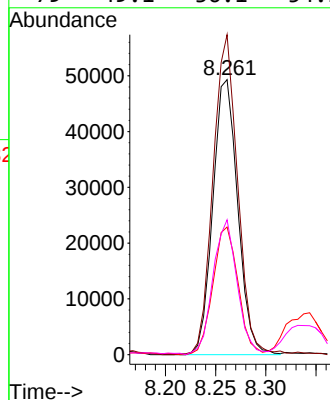
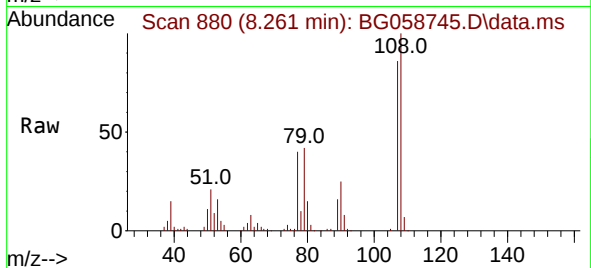
Tgt Ion:	107	Resp:	8511
Ion Ratio	Lower	Upper	
107	100		
108	116.3	89.1	133.7
77	46.4	36.2	54.4
79	49.1	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#18

Hexachloroethane

Concen: 46.959 ng

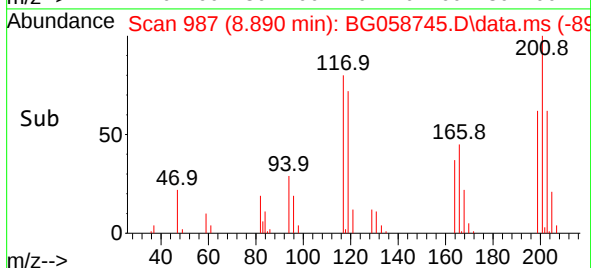
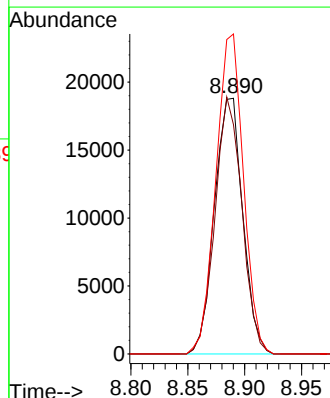
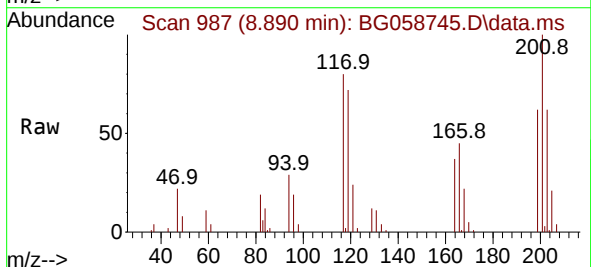
RT: 8.890 min Scan# 987

Delta R.T. -0.002 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Tgt Ion:	117	Resp:	32618
Ion Ratio	Lower	Upper	
117	100		
119	89.7	78.6	117.8
201	125.2	101.4	152.0





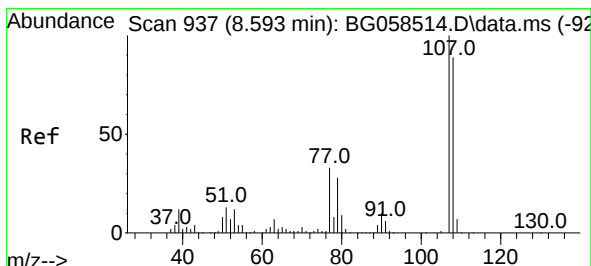
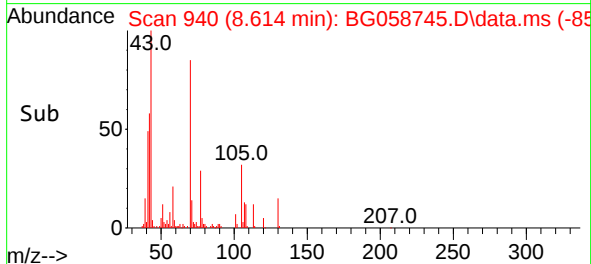
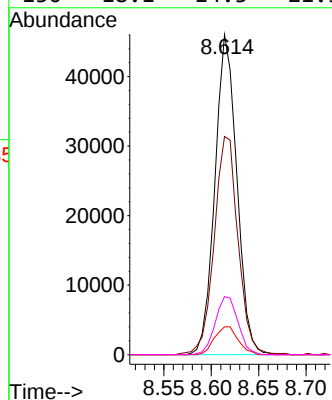
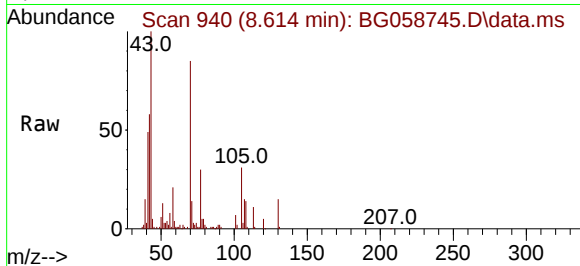
#19
n-Nitroso-di-n-propylamine
Concen: 45.353 ng
RT: 8.614 min Scan# 940
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :
BNA_G
ClientSampleId :
PB154469BS

Tgt Ion: 70 Resp: 7406
Ion Ratio Lower Upper
70 100
42 68.2 49.7 74.5
101 8.7 7.0 10.4
130 18.1 14.3 21.5

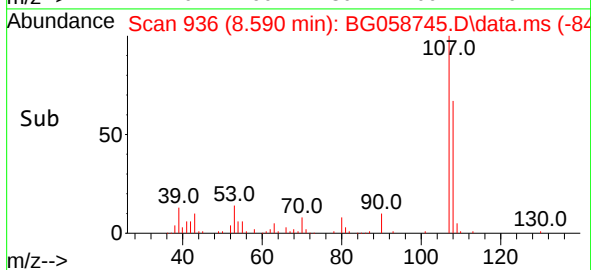
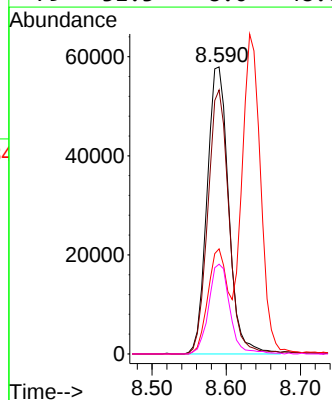
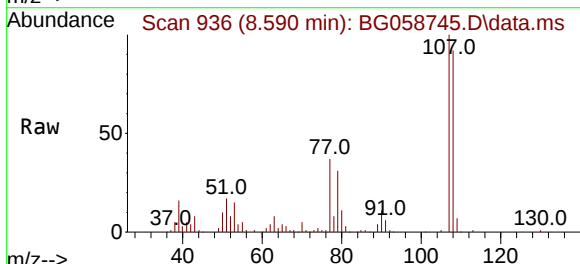
Manual Integrations
APPROVED

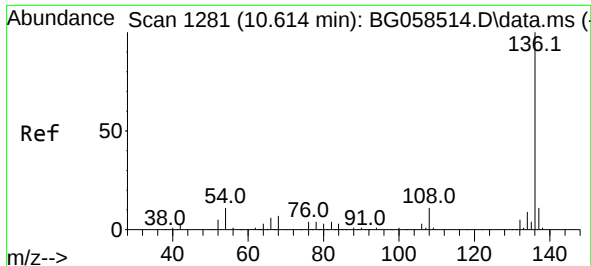
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#20
3+4-Methylphenols
Concen: 48.022 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:107 Resp: 117294
Ion Ratio Lower Upper
107 100
108 92.0 69.4 109.4
77 36.6 13.0 53.0
79 31.3 8.0 48.0





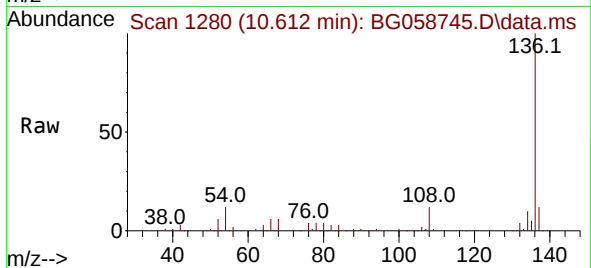
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS



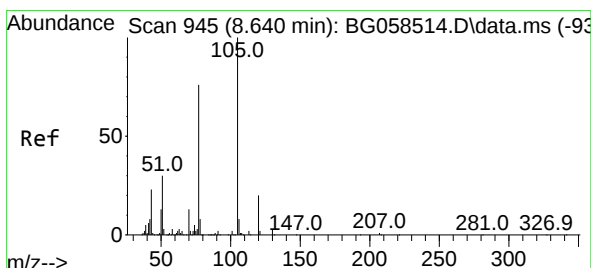
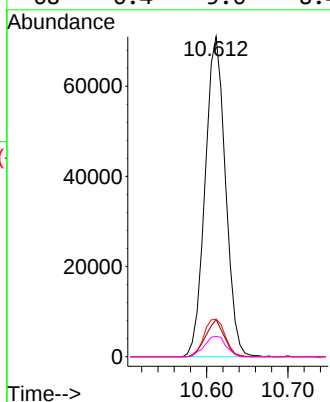
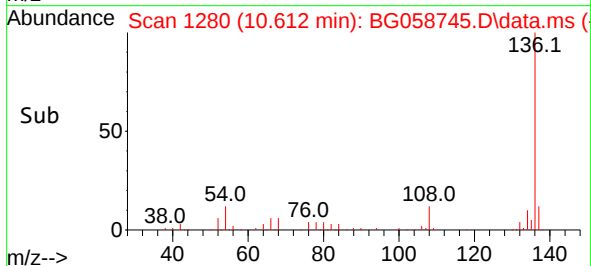
Tgt Ion:136 Resp: 123238
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 11.7 8.9 13.3
68 6.4 5.6 8.4

Manual Integrations

APPROVED

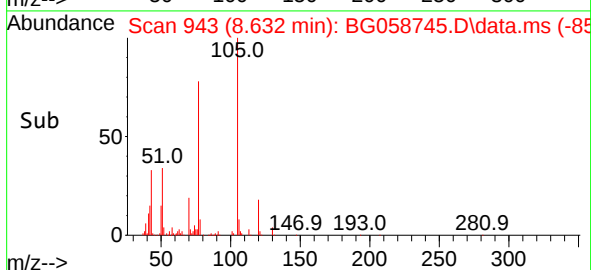
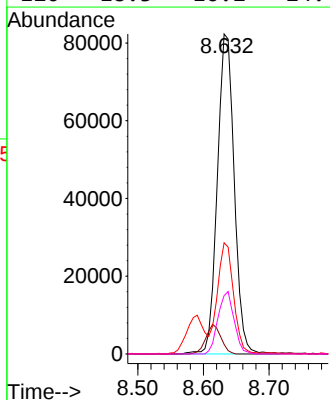
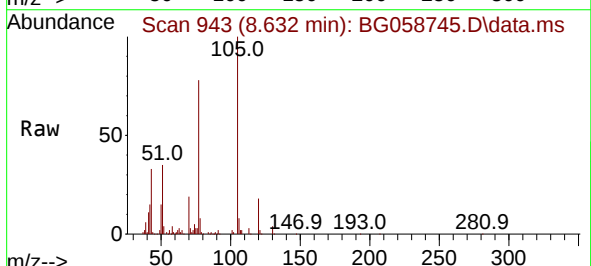
Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#22
Acetophenone
Concen: 44.509 ng
RT: 8.632 min Scan# 943
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:105 Resp: 146873
Ion Ratio Lower Upper
105 100
71 3.0 1.8 2.6#
51 34.8 24.2 36.2
120 18.3 16.2 24.4





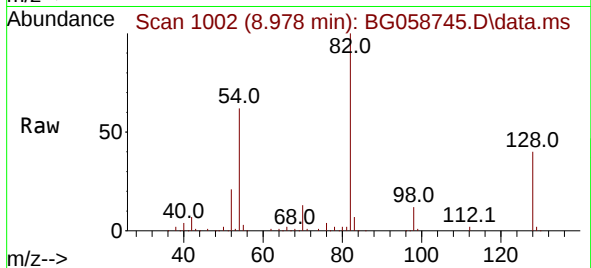
#23
Nitrobenzene-d5
Concen: 83.316 ng
RT: 8.978 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS



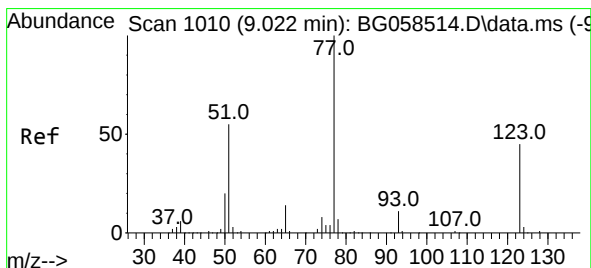
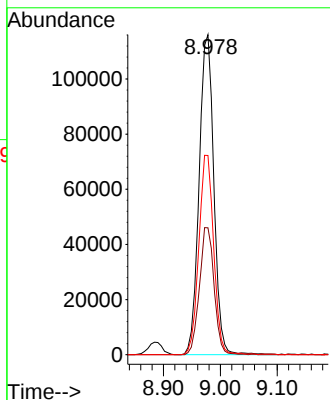
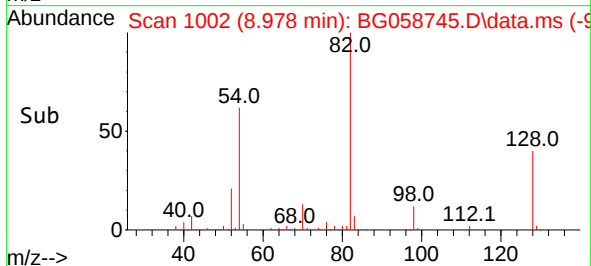
Tgt Ion: 82 Resp: 20901
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.2
54 62.3 46.0 69.0

Manual Integrations

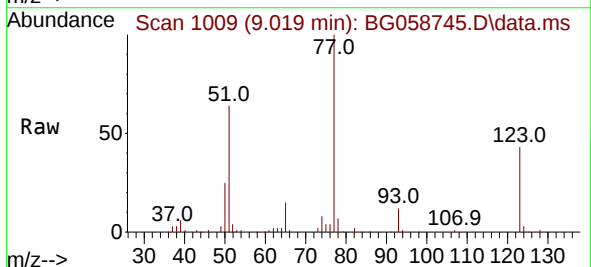
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

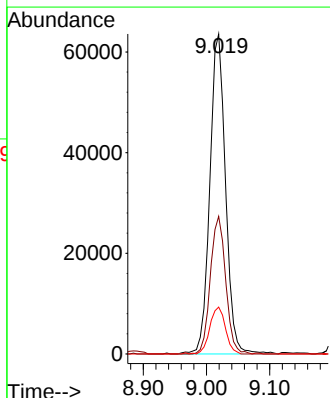
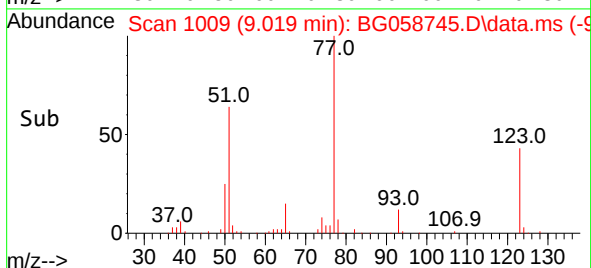
Supervised By :mohammad ahmed 08/17/2023



#24
Nitrobenzene
Concen: 43.059 ng
RT: 9.019 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



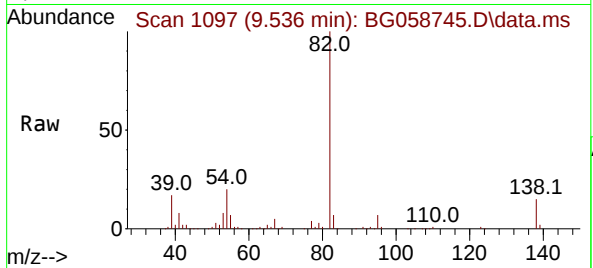
Tgt Ion: 77 Resp: 109815
Ion Ratio Lower Upper
77 100
123 43.0 35.6 53.4
65 14.7 11.4 17.0





#25
Isophorone
Concen: 41.593 ng
RT: 9.536 min Scan# 1109
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

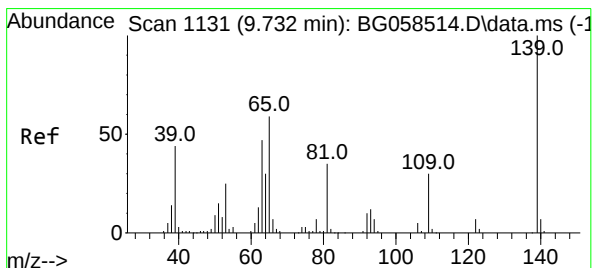
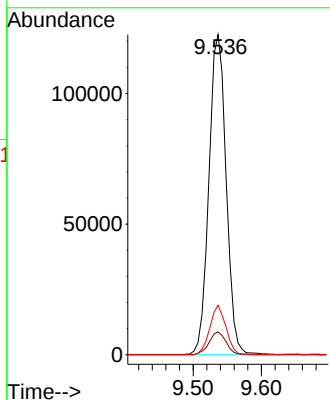
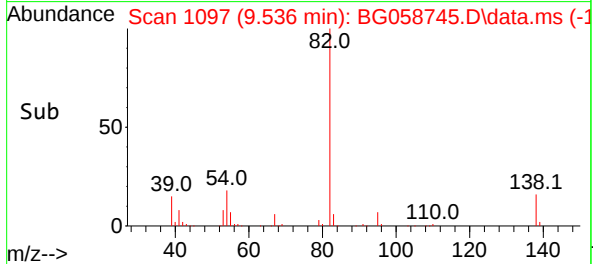
Instrument :
BNA_G
ClientSampleId :
PB154469BS



Tgt Ion: 82 Resp: 215589
Ion Ratio Lower Upper
82 100
95 7.2 5.1 7.7
138 15.4 11.9 17.9

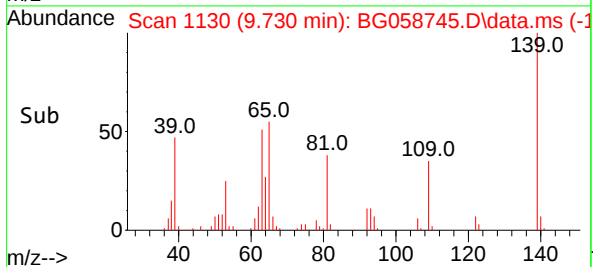
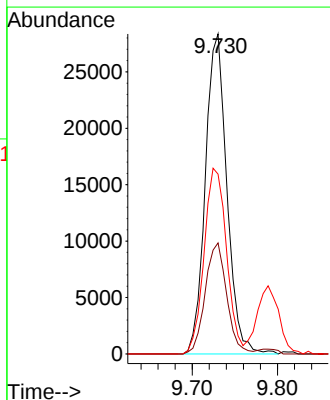
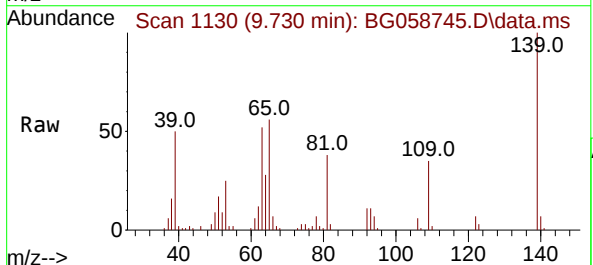
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 44.857 ng
RT: 9.730 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:139 Resp: 49799
Ion Ratio Lower Upper
139 100
109 34.7 24.2 36.2
65 56.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.524 ng

RT: 9.789 min Scan# 1141

Delta R.T. -0.002 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

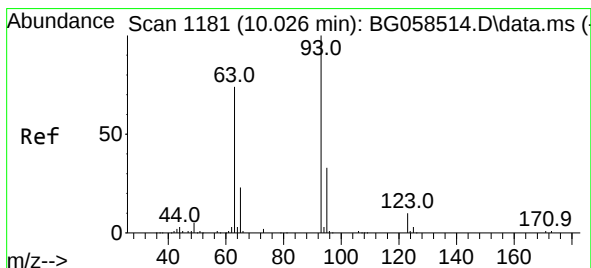
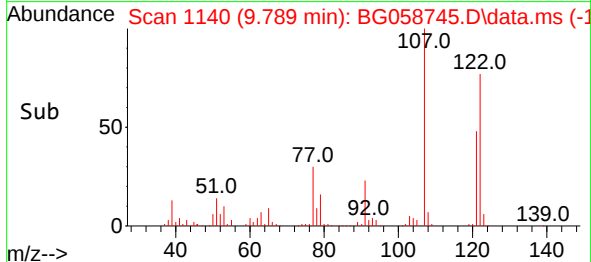
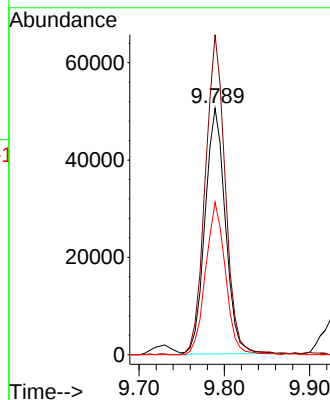
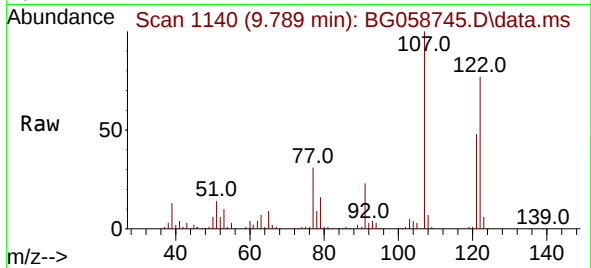
Tgt Ion:	122	Resp:	8383
Ion Ratio	Lower	Upper	
122	100		
107	129.8	98.0	147.0
121	61.9	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.536 ng

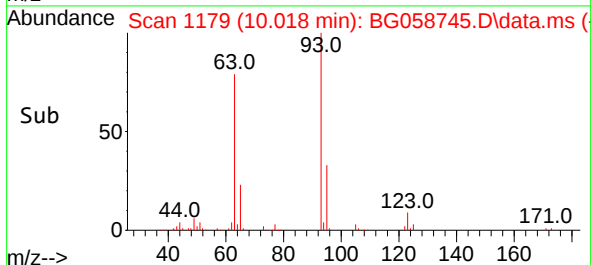
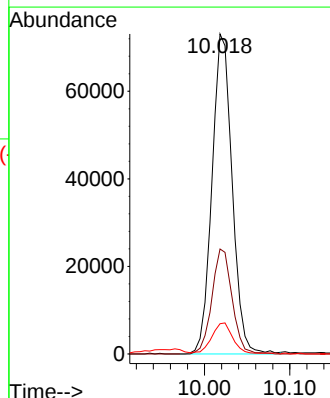
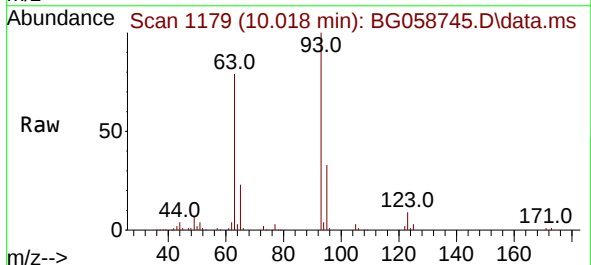
RT: 10.018 min Scan# 1179

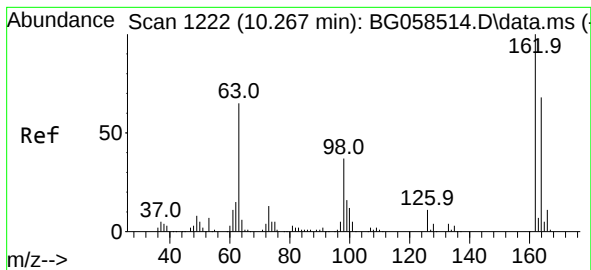
Delta R.T. -0.008 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Tgt Ion:	93	Resp:	119984
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	9.5	7.8	11.8





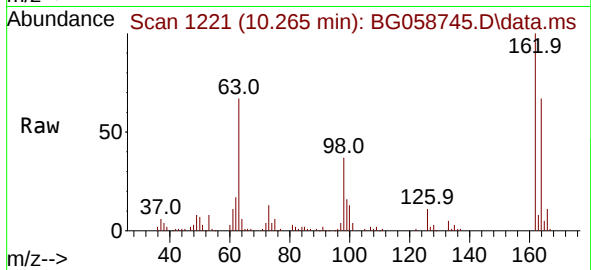
#29
2,4-Dichlorophenol
Concen: 48.407 ng
RT: 10.265 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS



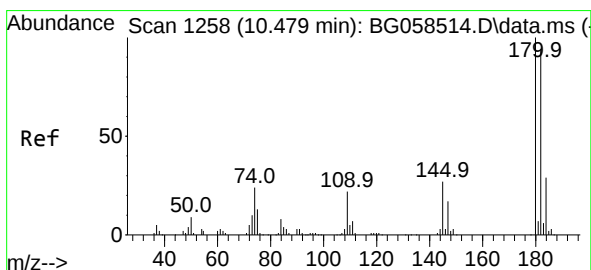
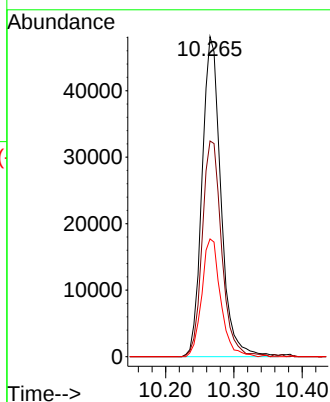
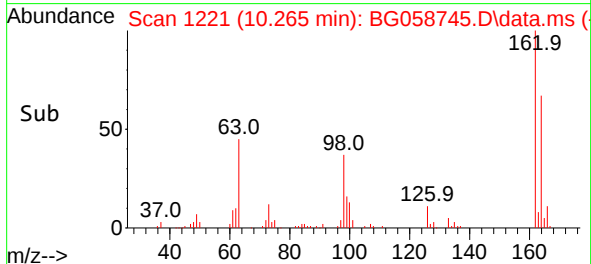
Tgt Ion:162 Resp: 92554
Ion Ratio Lower Upper
162 100
164 67.4 47.6 87.6
98 36.8 17.1 57.1

Manual Integrations

APPROVED

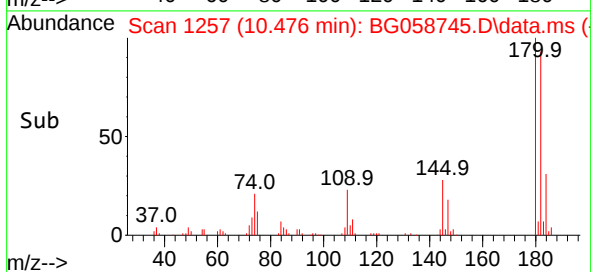
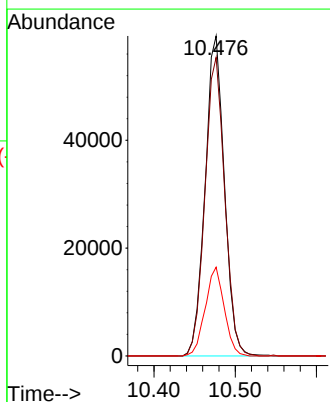
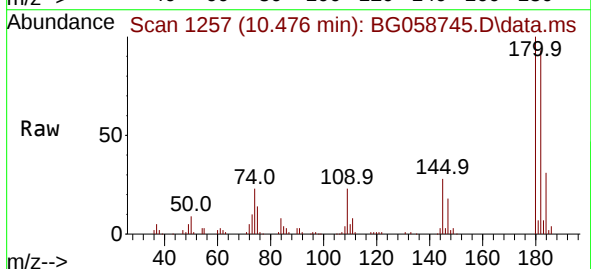
Reviewed By :Yogesh Patel 08/17/2023

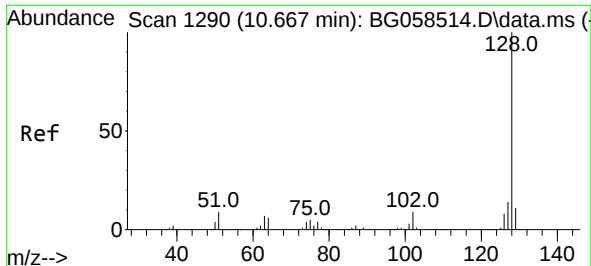
Supervised By :mohammad ahmed 08/17/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.387 ng
RT: 10.476 min Scan# 1257
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:180 Resp: 97874
Ion Ratio Lower Upper
180 100
182 93.3 75.0 112.4
145 27.8 21.9 32.9





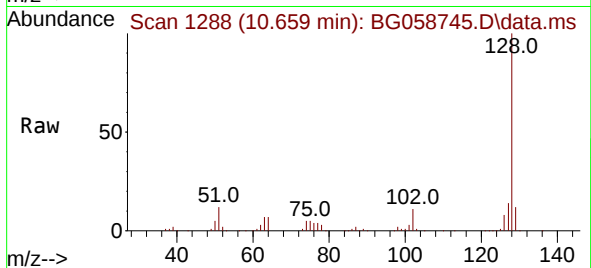
#31
Naphthalene
Concen: 42.613 ng
RT: 10.659 min Scan# 1169
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

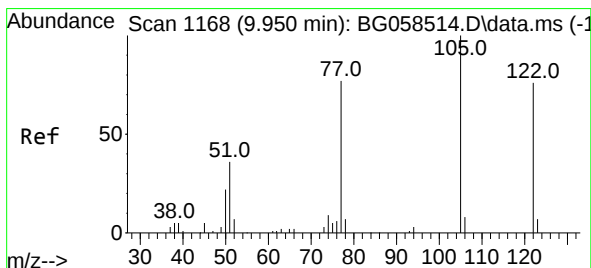
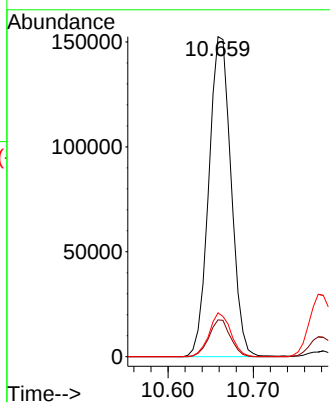
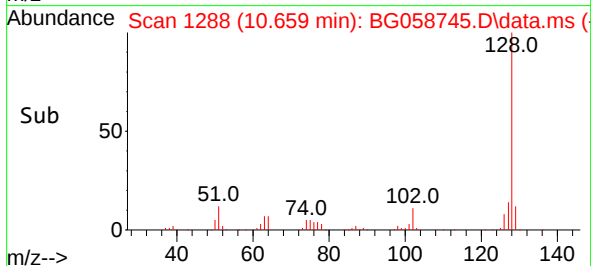


Tgt Ion:128 Resp: 276785
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.7 10.9 16.3

Manual Integrations

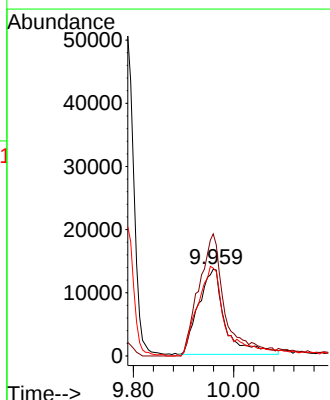
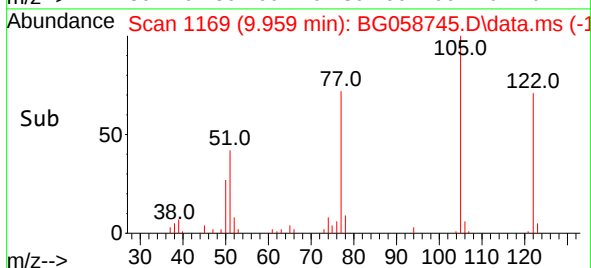
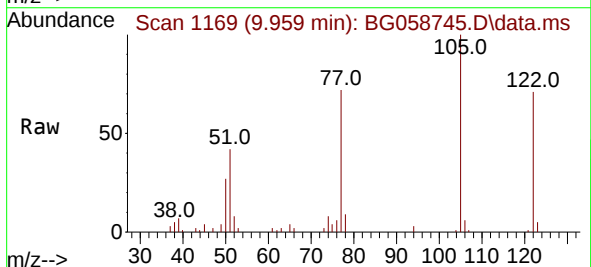
APPROVED

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



#32
Benzoic acid
Concen: 36.803 ng
RT: 9.959 min Scan# 1169
Delta R.T. 0.009 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:122 Resp: 50085
Ion Ratio Lower Upper
122 100
105 140.9 106.5 146.5
77 101.3 78.1 118.1





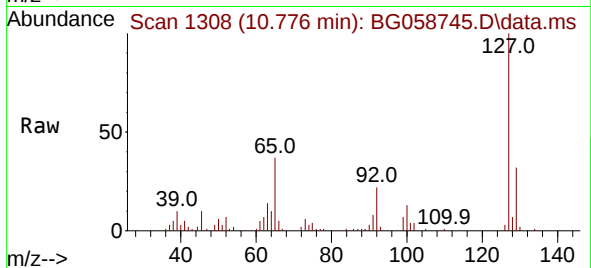
#33
4-Chloroaniline
Concen: 22.516 ng
RT: 10.776 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

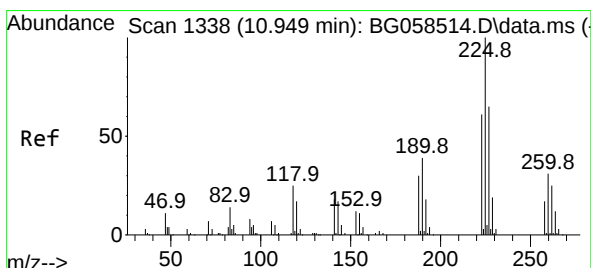
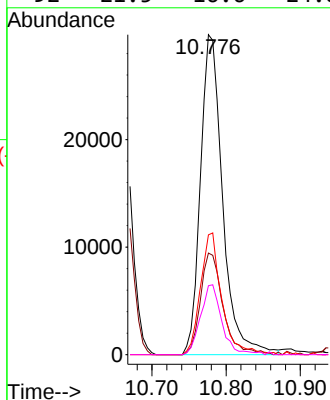
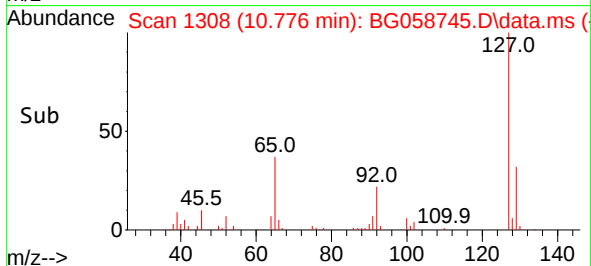


Tgt Ion:127 Resp: 6179
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 37.5 29.5 44.3
92 21.5 16.6 24.8

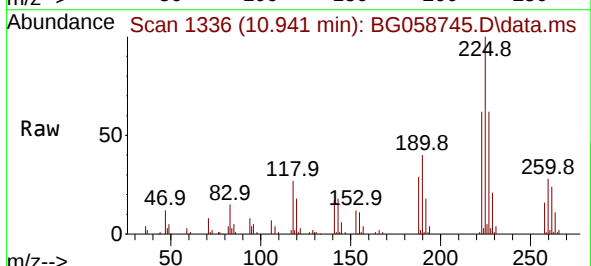
Manual Integrations

APPROVED

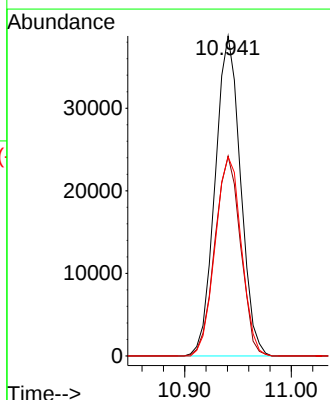
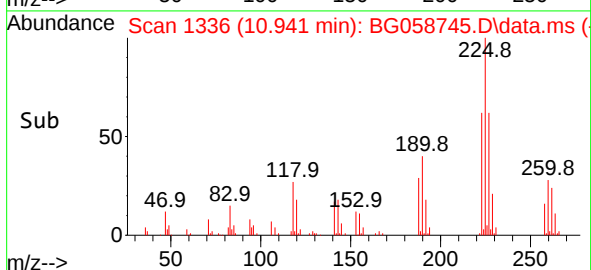
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

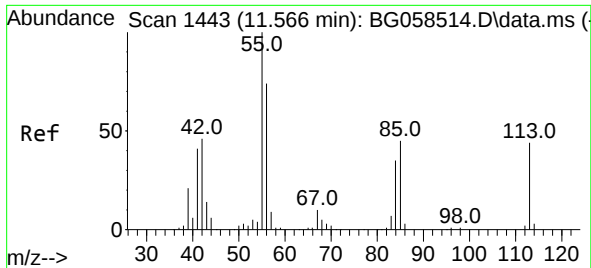


#34
Hexachlorobutadiene
Concen: 45.098 ng
RT: 10.941 min Scan# 1336
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



Tgt Ion:225 Resp: 64039
Ion Ratio Lower Upper
225 100
223 62.4 49.0 73.6
227 62.2 51.7 77.5





#35
Caprolactam
Concen: 46.977 ng m
RT: 11.563 min Scan# 14
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

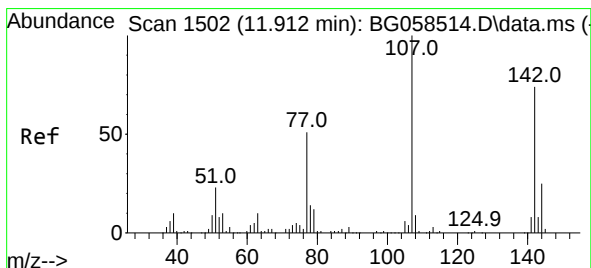
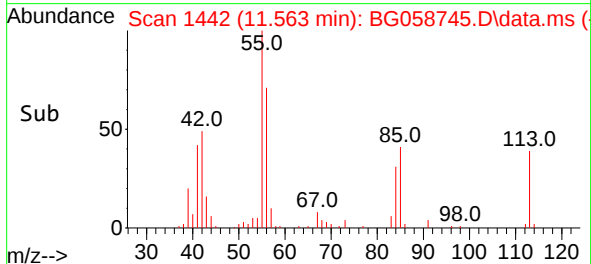
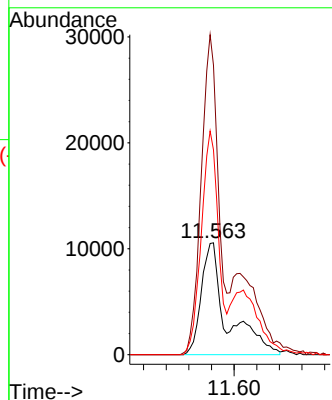
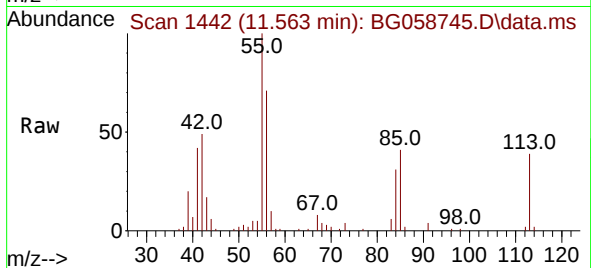
ClientSampleId :

PB154469BS

Tgt Ion:113 Resp: 3316
Ion Ratio Lower Upper
113 100
55 258.8 208.0 248.0
56 183.1 148.6 188.6

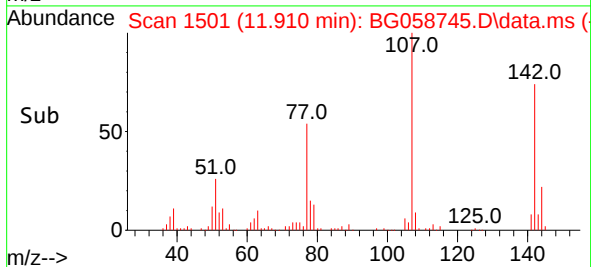
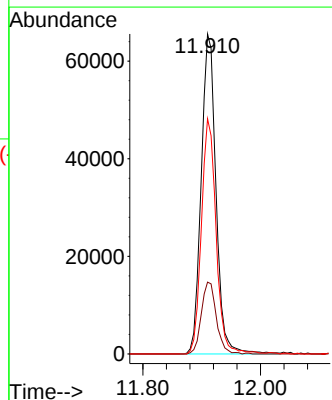
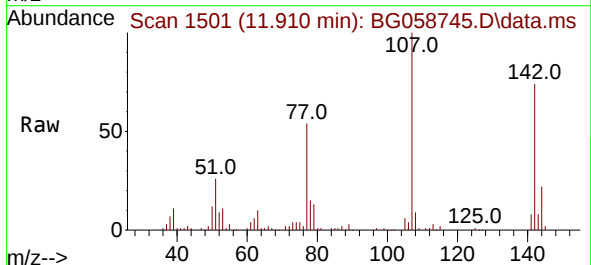
Manual Integrations
APPROVED

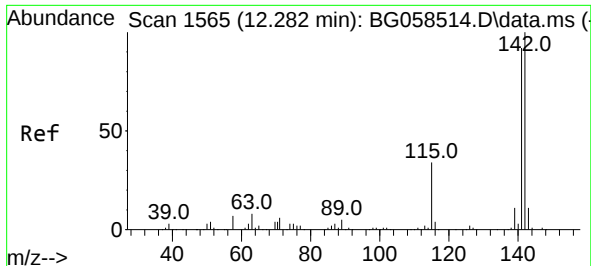
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#36
4-Chloro-3-methylphenol
Concen: 48.457 ng
RT: 11.910 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:107 Resp: 114611
Ion Ratio Lower Upper
107 100
144 22.5 19.6 29.4
142 73.5 59.3 88.9





#37
2-Methylnaphthalene
Concen: 42.286 ng
RT: 12.274 min Scan# 1563
Delta R.T. -0.008 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

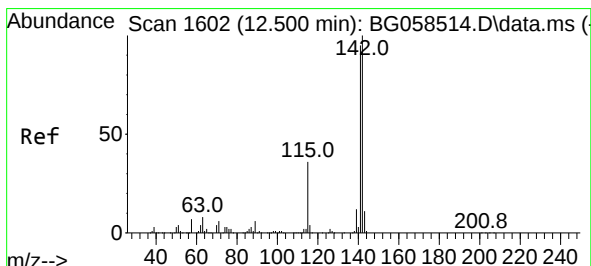
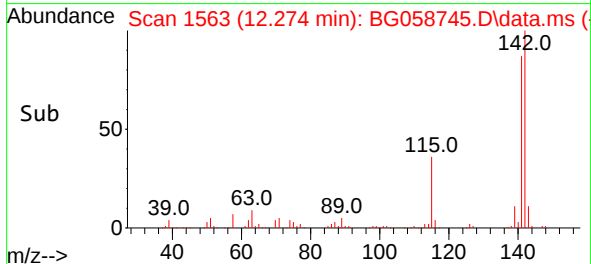
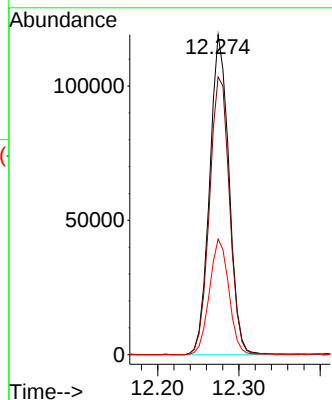
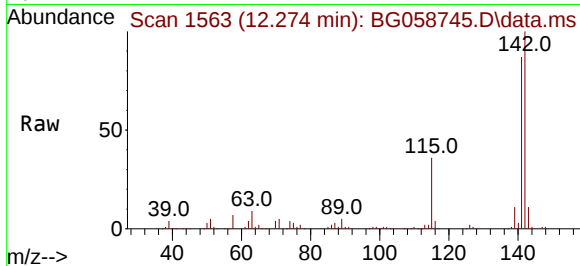
PB154469BS

Tgt Ion:142 Resp: 196469
Ion Ratio Lower Upper
142 100
141 86.8 73.5 110.3
115 36.1 27.4 41.0

Manual Integrations

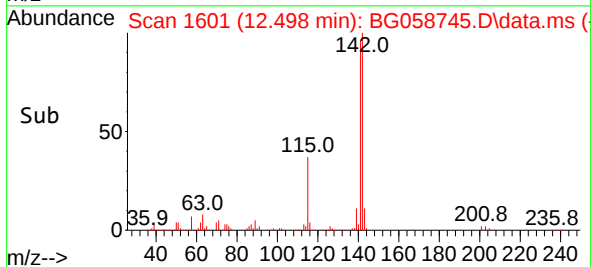
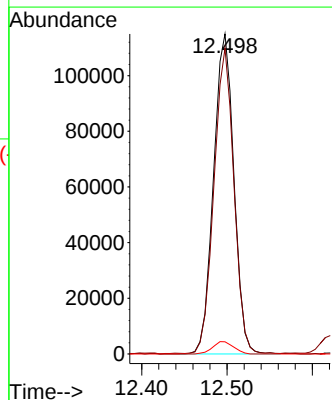
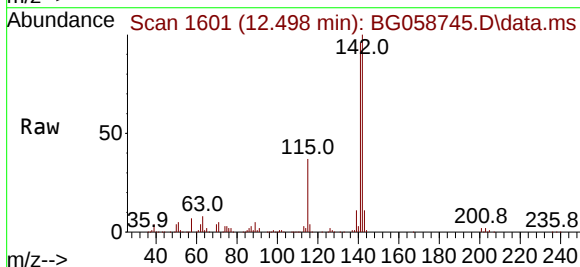
APPROVED

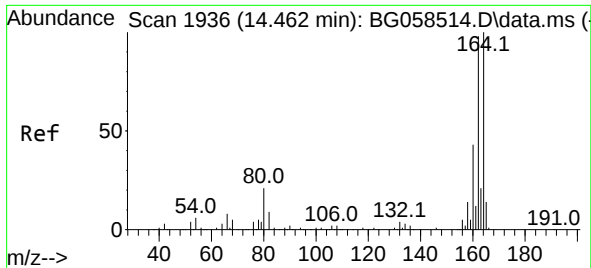
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#38
1-Methylnaphthalene
Concen: 43.233 ng
RT: 12.498 min Scan# 1601
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:142 Resp: 190943
Ion Ratio Lower Upper
142 100
141 95.5 75.7 113.5
116 3.8 3.2 4.8





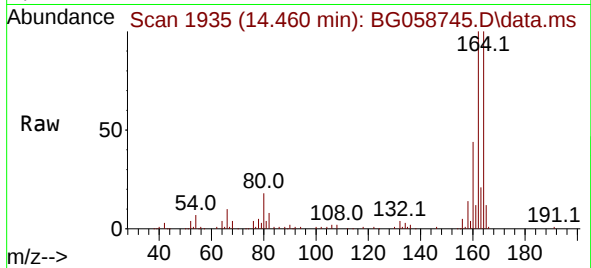
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

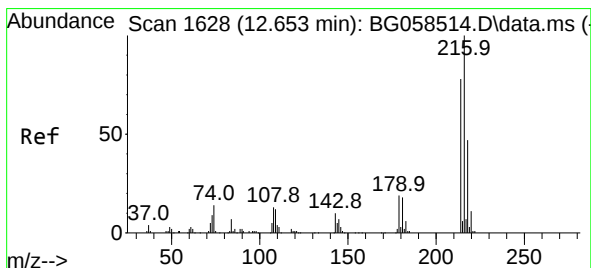
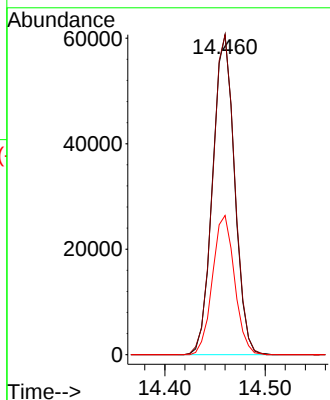
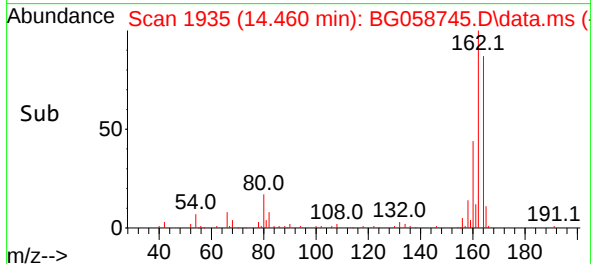


Tgt Ion:164 Resp: 91768
Ion Ratio Lower Upper
164 100
162 100.0 78.3 117.5
160 43.5 34.1 51.1

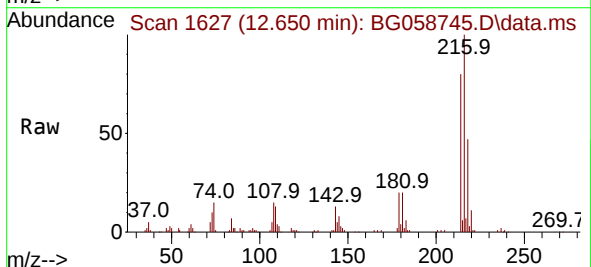
Manual Integrations

APPROVED

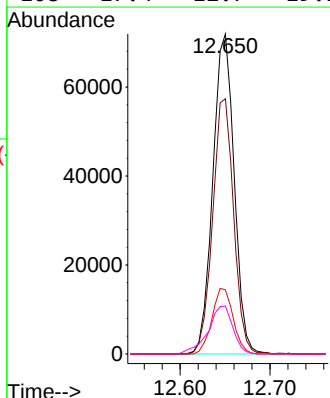
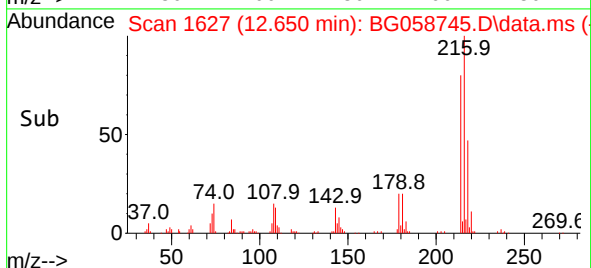
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

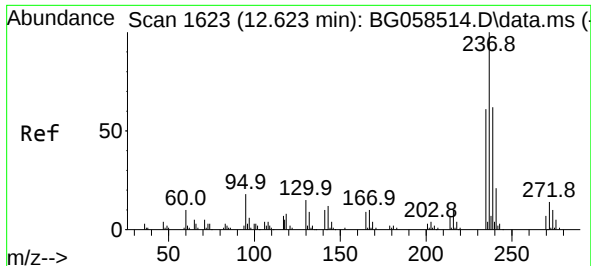


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.019 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



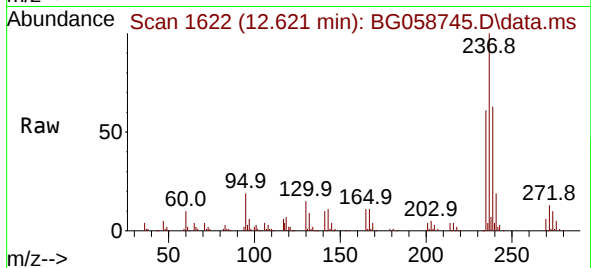
Tgt Ion:216 Resp: 118384
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 20.3 15.6 23.4
108 17.4 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 77.956 ng
RT: 12.621 min Scan# 1623
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

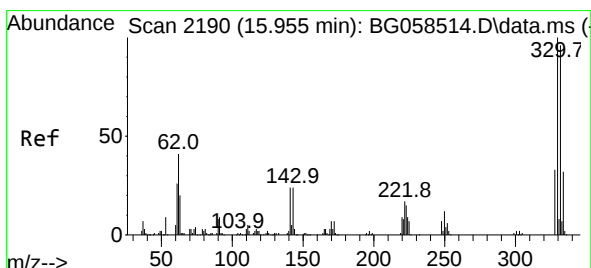
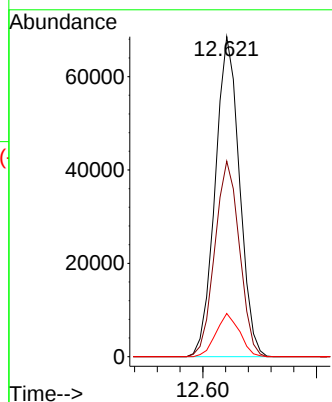
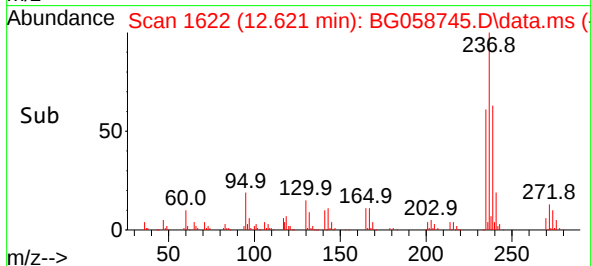
Instrument :
BNA_G
ClientSampleId :
PB154469BS



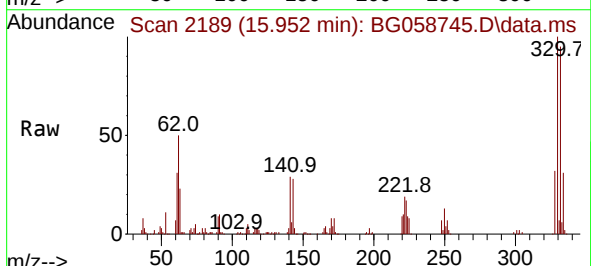
Tgt Ion:237 Resp: 10176
Ion Ratio Lower Upper
237 100
235 61.1 41.0 81.0
272 13.5 0.0 33.6

Manual Integrations
APPROVED

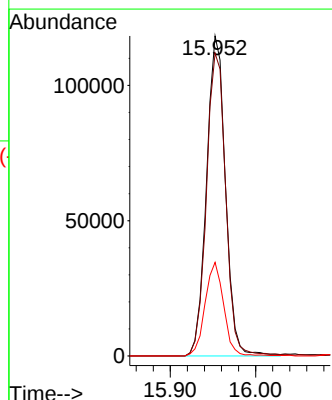
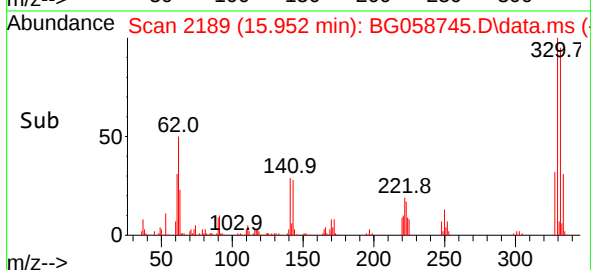
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

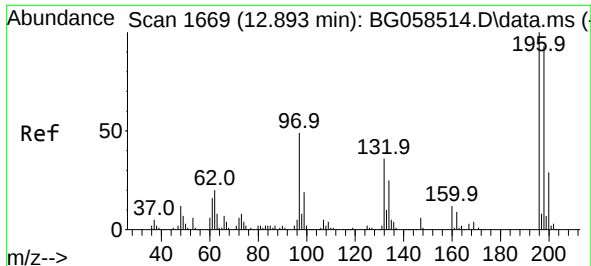


#42
2,4,6-Tribromophenol
Concen: 121.512 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



Tgt Ion:330 Resp: 182772
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 28.7 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 43.786 ng
RT: 12.891 min Scan# 1668
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

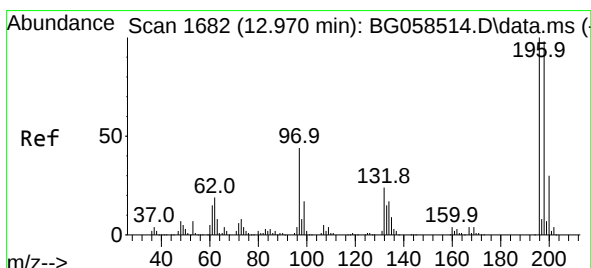
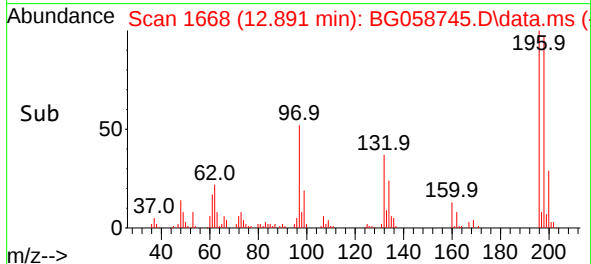
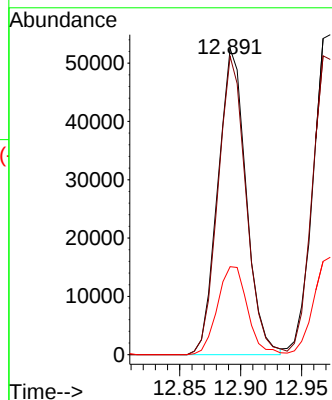
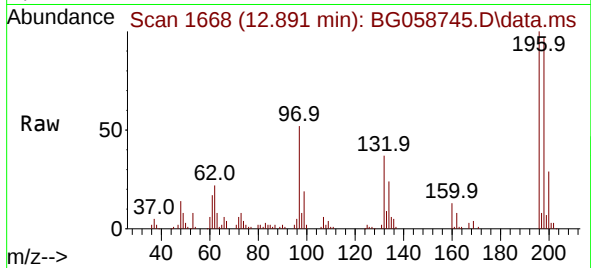
PB154469BS

Tgt Ion:196 Resp: 84850
Ion Ratio Lower Upper
196 100
198 97.4 74.2 111.4
200 28.7 22.9 34.3

Manual Integrations

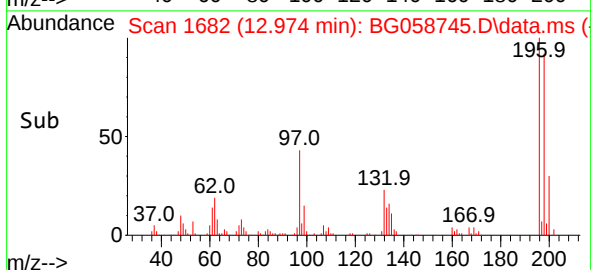
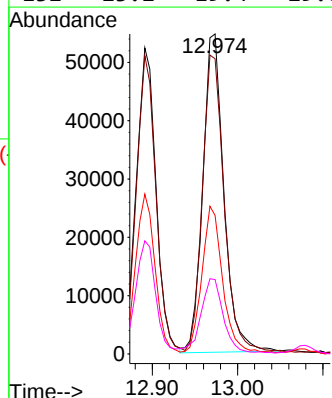
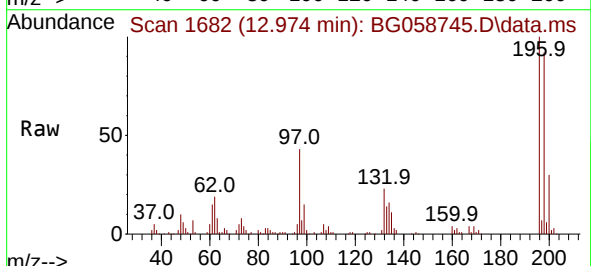
APPROVED

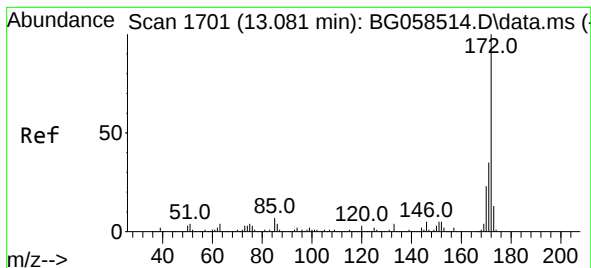
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#44
2,4,5-Trichlorophenol
Concen: 41.166 ng
RT: 12.974 min Scan# 1682
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:196 Resp: 93959
Ion Ratio Lower Upper
196 100
198 92.2 78.3 117.5
97 43.3 35.2 52.8
132 23.2 19.4 29.0





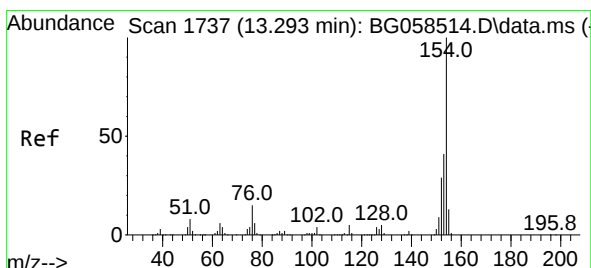
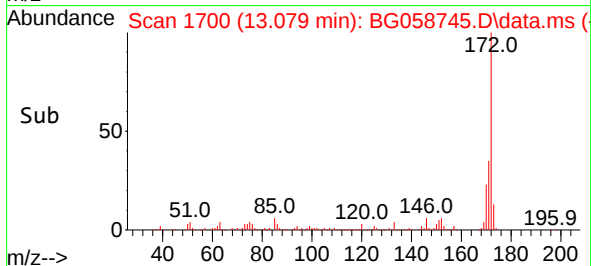
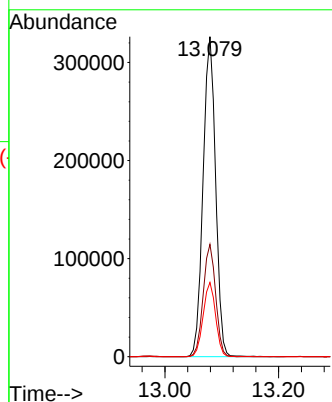
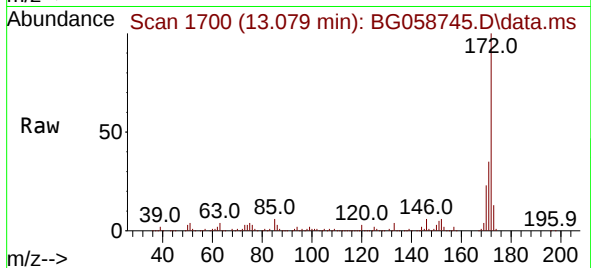
#45
2-Fluorobiphenyl
Concen: 81.358 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :
BNA_G
ClientSampleId :
PB154469BS

Tgt Ion:172 Resp: 49820
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.2 18.4 27.6

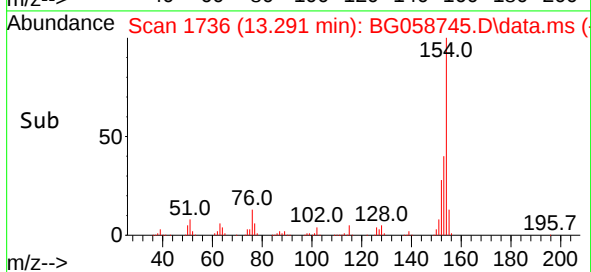
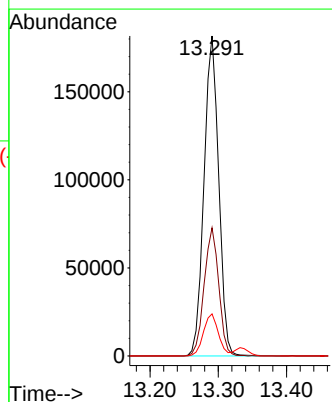
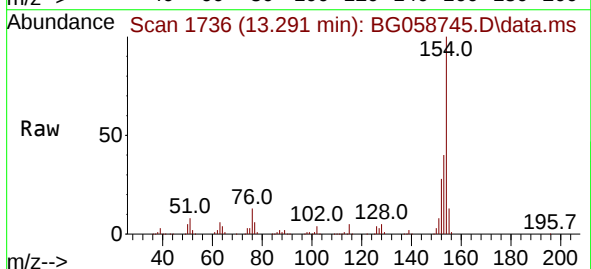
Manual Integrations
APPROVED

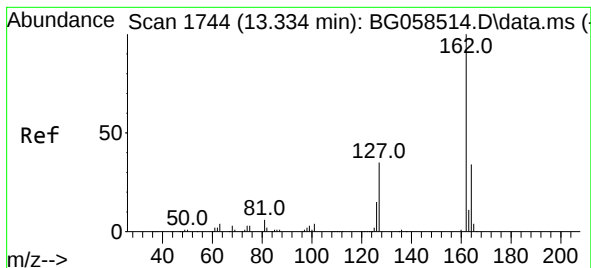
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#46
1,1'-Biphenyl
Concen: 43.179 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

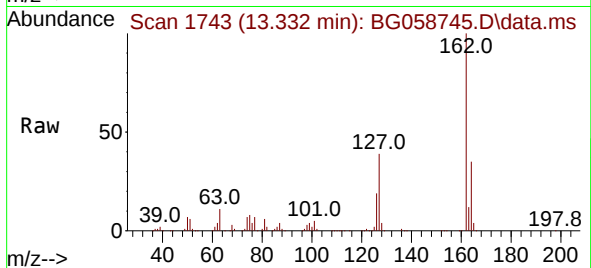
Tgt Ion:154 Resp: 272125
Ion Ratio Lower Upper
154 100
153 40.0 21.2 61.2
76 13.2 0.0 34.7





#47
2-Chloronaphthalene
Concen: 44.050 ng
RT: 13.332 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

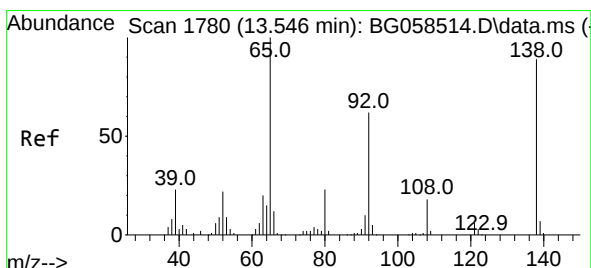
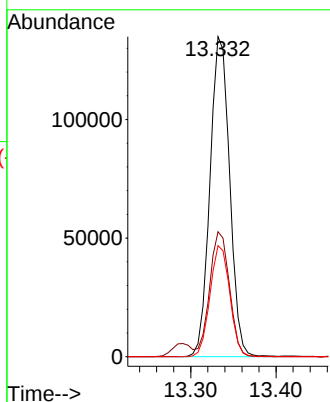
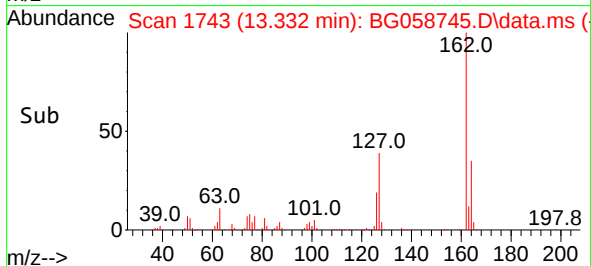
Instrument :
BNA_G
ClientSampleId :
PB154469BS



Tgt Ion:162 Resp: 216454
Ion Ratio Lower Upper
162 100
127 39.1 30.9 46.3
164 34.7 27.2 40.8

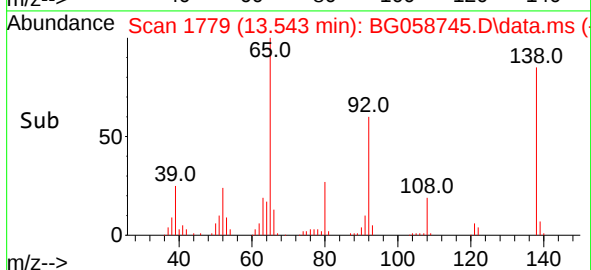
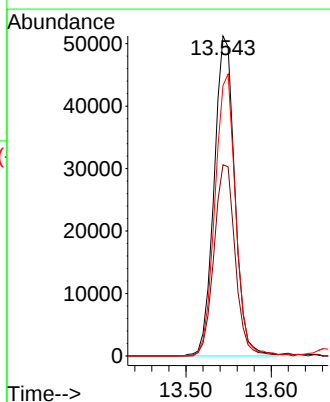
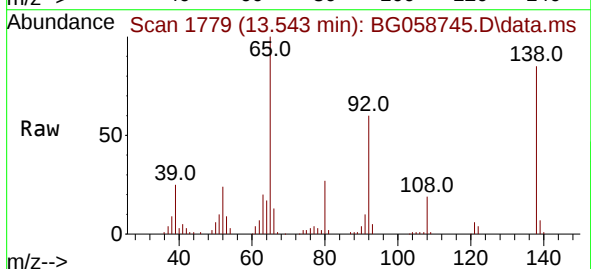
Manual Integrations
APPROVED

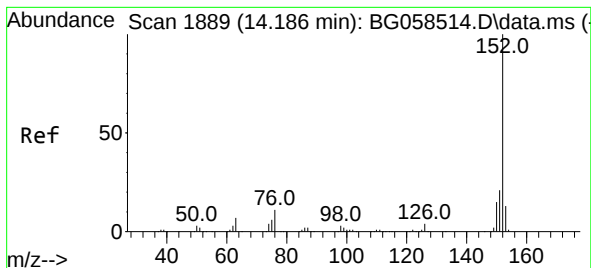
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#48
2-Nitroaniline
Concen: 45.952 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion: 65 Resp: 86187
Ion Ratio Lower Upper
65 100
92 59.7 49.2 73.8
138 84.5 71.5 107.3





#49

Acenaphthylene

Concen: 44.277 ng

RT: 14.184 min Scan# 1888

Delta R.T. -0.002 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

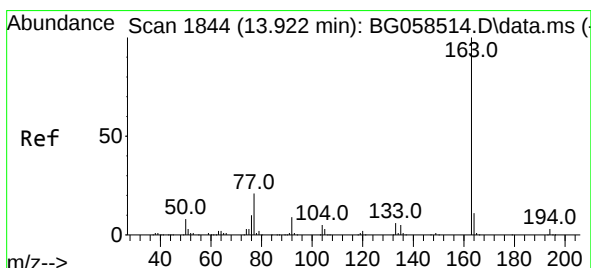
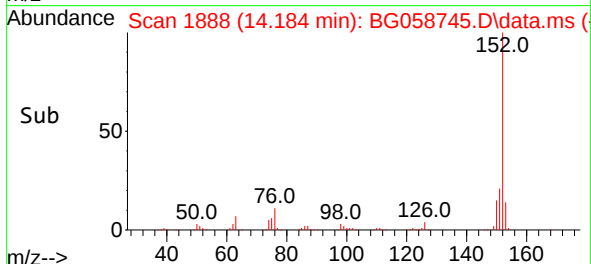
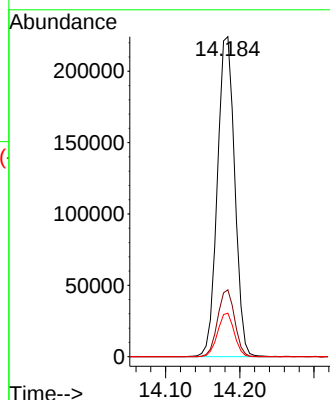
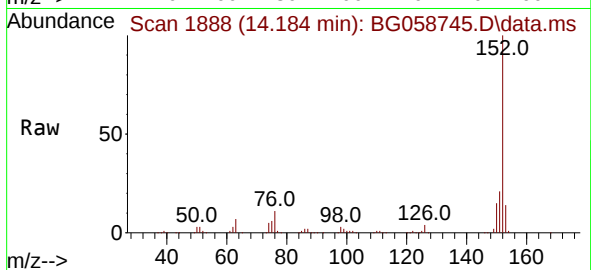
PB154469BS

Tgt Ion:152 Resp: 364258
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.5 24.7
 153 13.6 10.7 16.1

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 44.207 ng

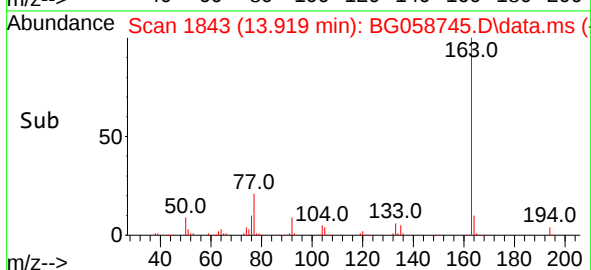
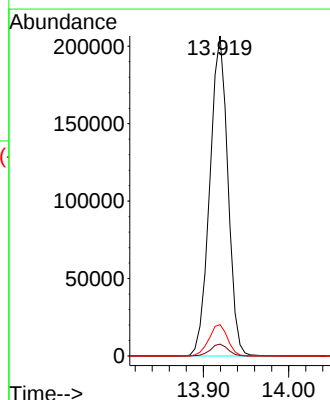
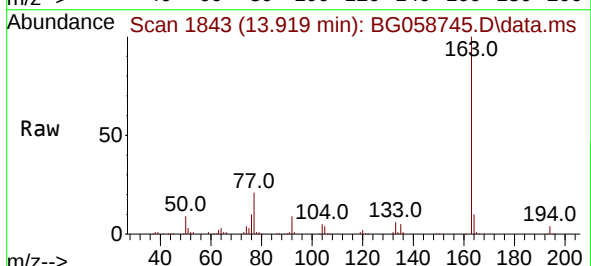
RT: 13.919 min Scan# 1843

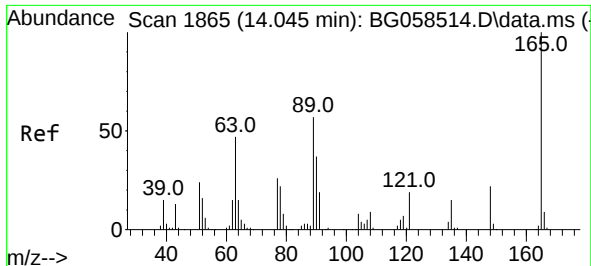
Delta R.T. -0.002 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Tgt Ion:163 Resp: 304672
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.8 8.6 12.8





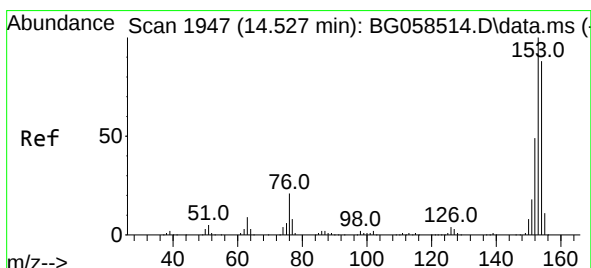
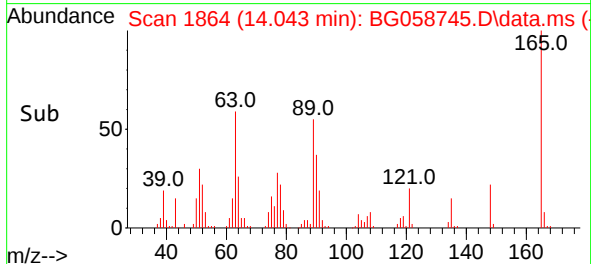
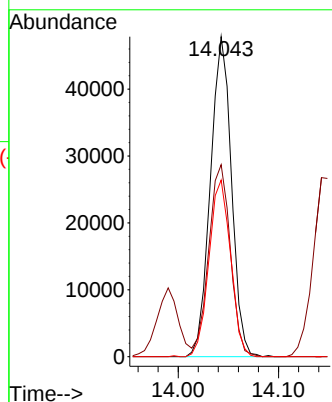
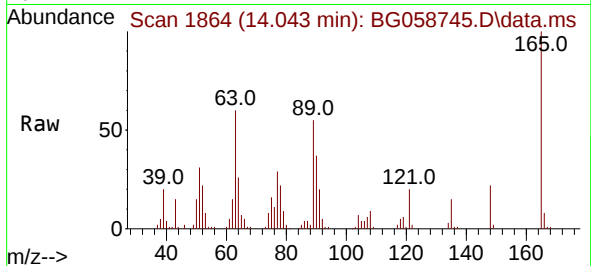
#51
2,6-Dinitrotoluene
Concen: 46.070 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :
BNA_G
ClientSampleId :
PB154469BS

Tgt Ion:165 Resp: 6966
Ion Ratio Lower Upper
165 100
63 60.0 46.4 69.6
89 55.2 45.3 67.9

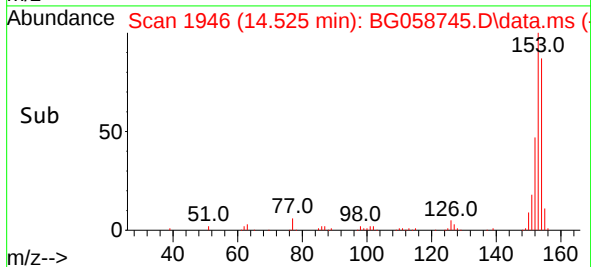
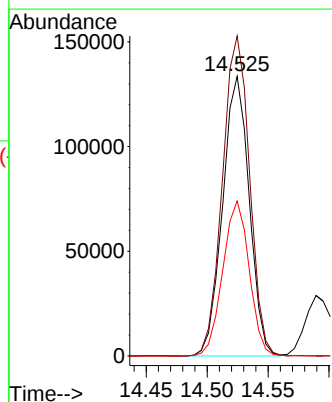
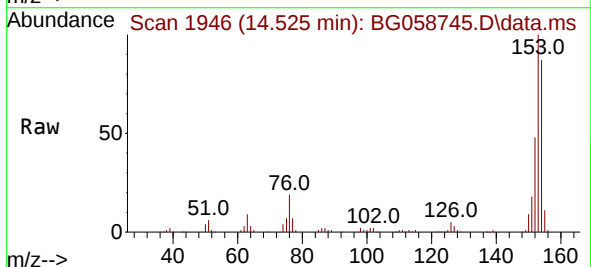
Manual Integrations
APPROVED

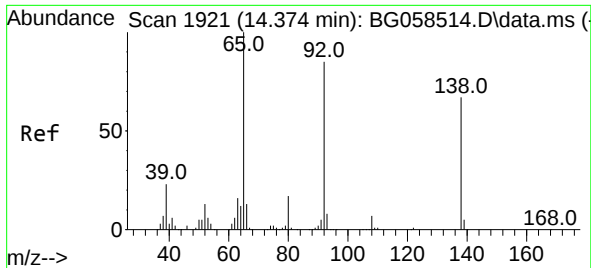
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#52
Acenaphthene
Concen: 42.591 ng
RT: 14.525 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:154 Resp: 202462
Ion Ratio Lower Upper
154 100
153 114.5 91.1 136.7
152 55.4 44.6 66.8





#53
3-Nitroaniline
Concen: 27.464 ng
RT: 14.378 min Scan# 1921
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

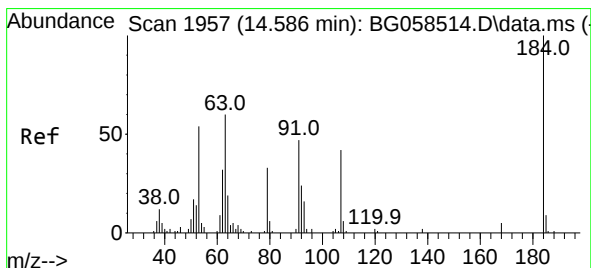
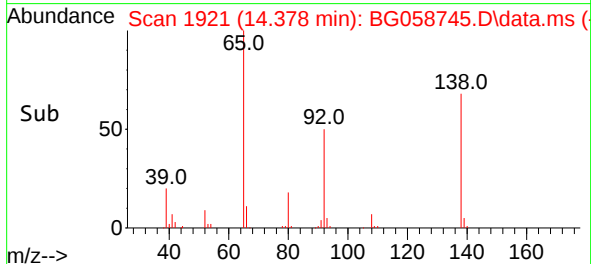
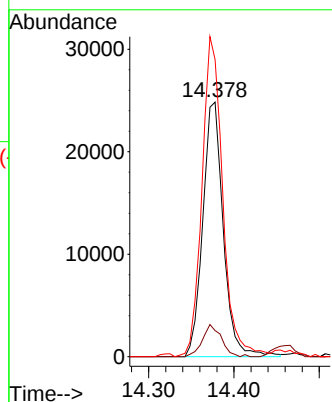
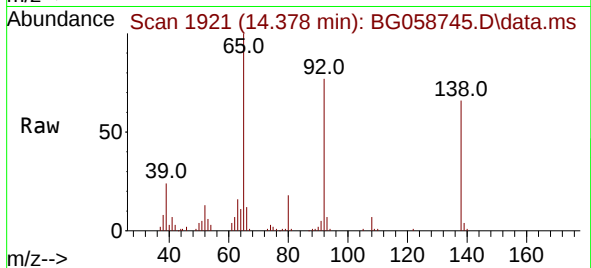
PB154469BS

Tgt Ion:138 Resp: 41552
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 116.7 101.1 151.7

Manual Integrations

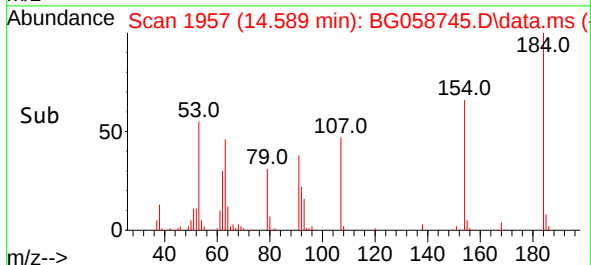
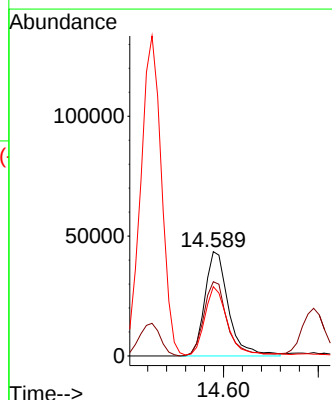
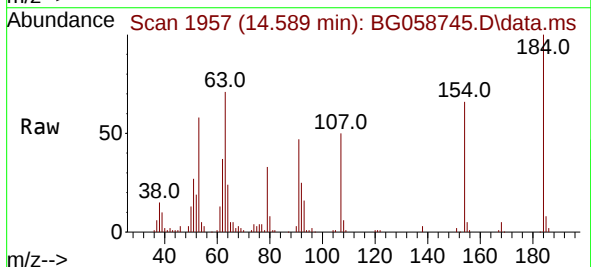
APPROVED

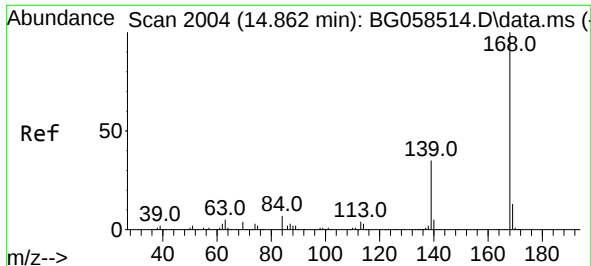
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#54
2,4-Dinitrophenol
Concen: 87.467 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:184 Resp: 75220
Ion Ratio Lower Upper
184 100
63 71.3 56.7 85.1
154 66.5 46.1 69.1





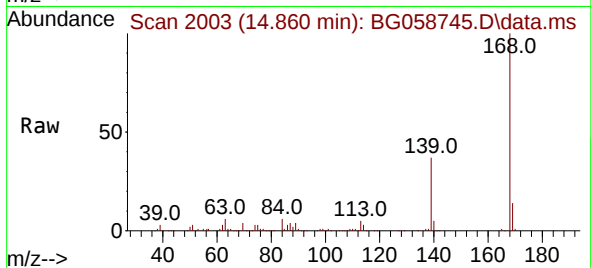
#55
Dibenzofuran
Concen: 43.189 ng
RT: 14.860 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

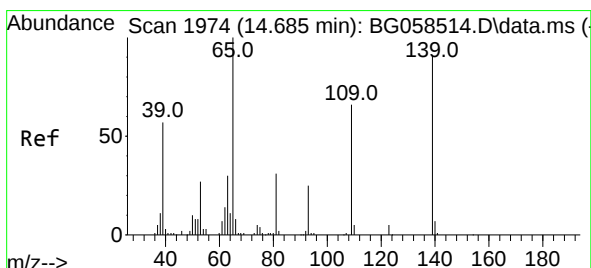
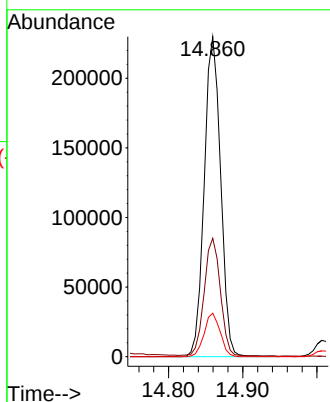
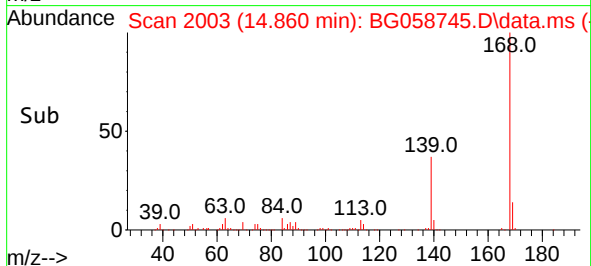


Tgt Ion:168 Resp: 352779
Ion Ratio Lower Upper
168 100
139 37.0 27.8 41.8
169 13.6 10.6 16.0

Manual Integrations

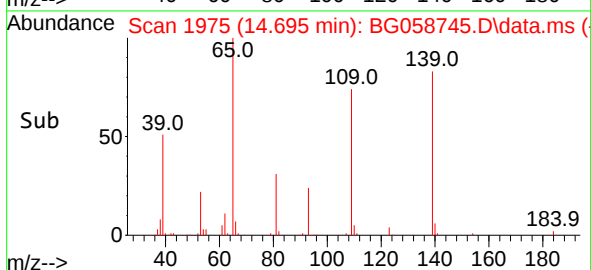
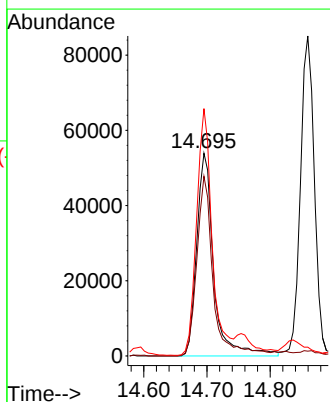
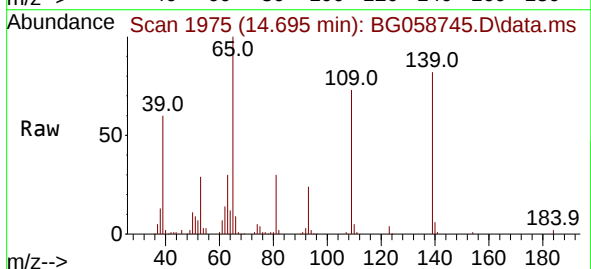
APPROVED

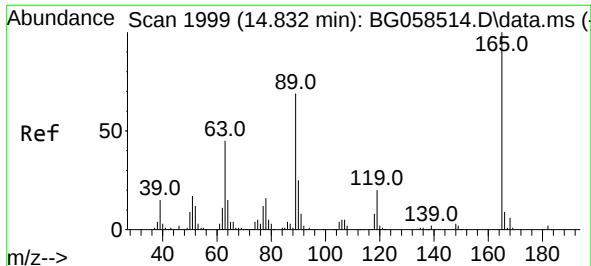
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#56
4-Nitrophenol
Concen: 89.854 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.010 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:139 Resp: 101215
Ion Ratio Lower Upper
139 100
109 88.6 52.5 92.5
65 122.0 90.5 130.5





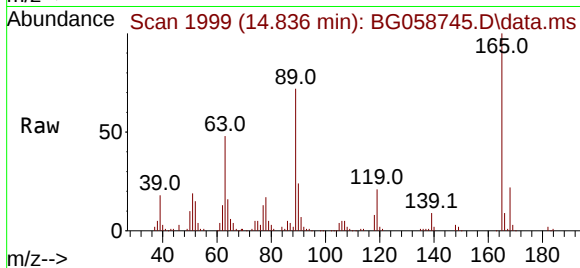
#57
2,4-Dinitrotoluene
Concen: 47.828 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

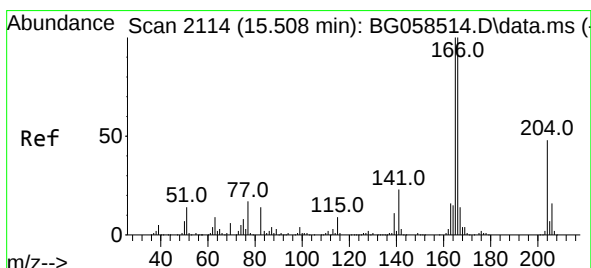
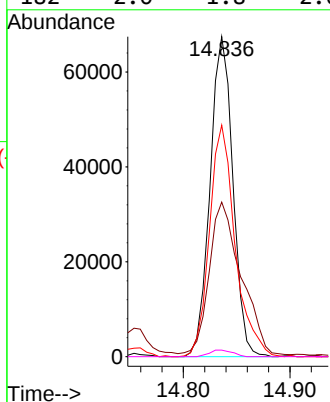
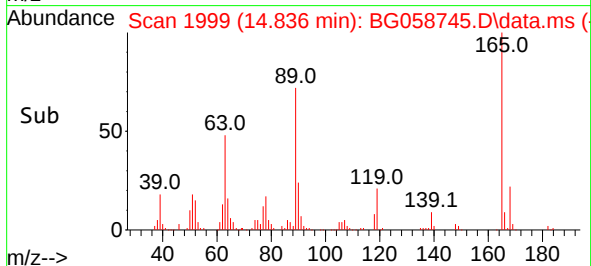


Tgt Ion:165 Resp: 100272
Ion Ratio Lower Upper
165 100
63 48.3 36.6 54.8
89 72.4 55.4 83.0
182 2.0 1.8 2.6

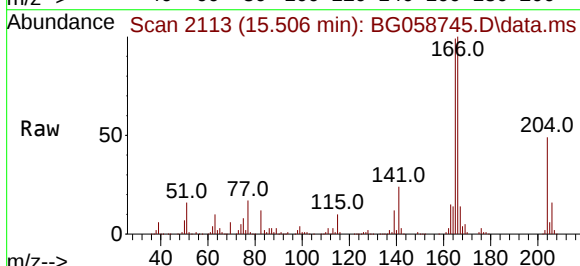
Manual Integrations

APPROVED

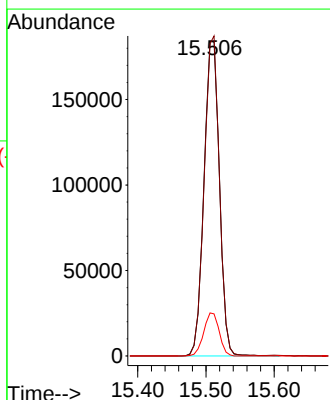
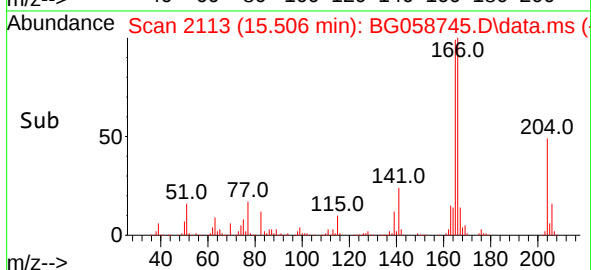
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#58
Fluorene
Concen: 44.722 ng
RT: 15.506 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



Tgt Ion:166 Resp: 290197
Ion Ratio Lower Upper
166 100
165 99.3 80.0 120.0
167 13.7 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.423 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

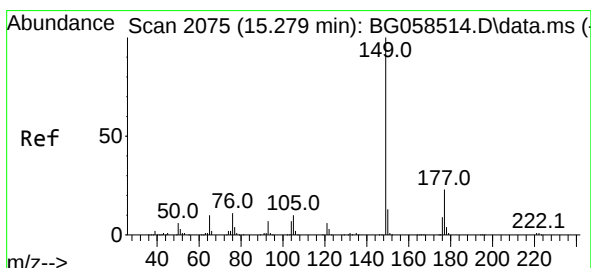
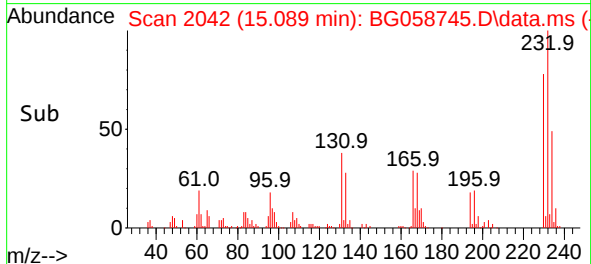
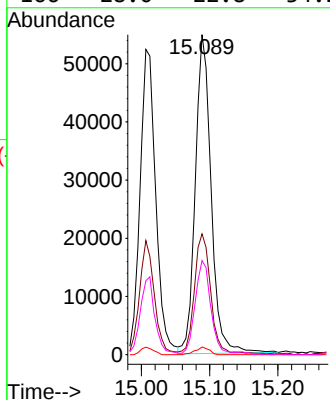
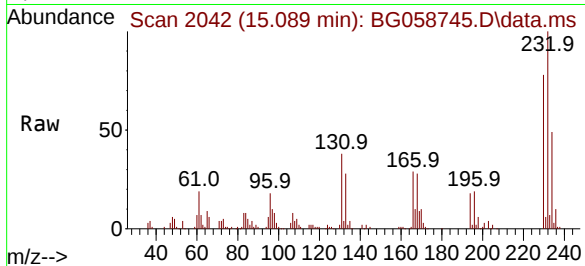
ClientSampleId :

PB154469BS

Tgt Ion:232 Resp: 8846
Ion Ratio Lower Upper
232 100
131 38.7 30.0 45.0
130 2.1 1.5 2.3
166 28.0 22.8 34.2

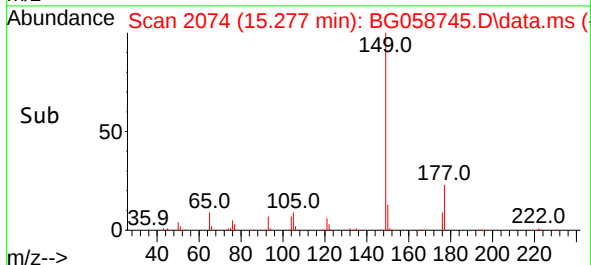
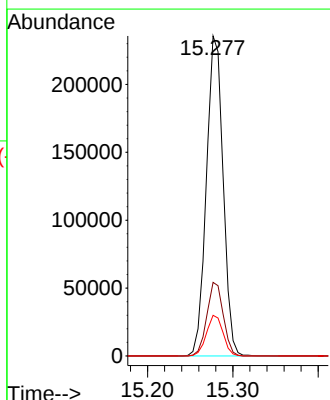
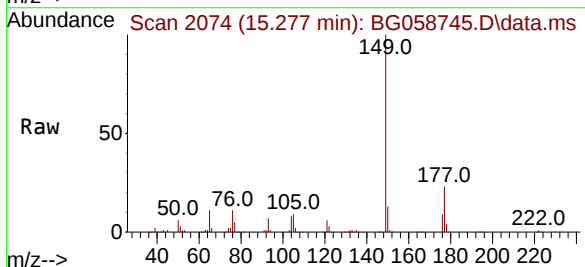
Manual Integrations
APPROVED

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



#60
Diethylphthalate
Concen: 45.691 ng
RT: 15.277 min Scan# 2074
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:149 Resp: 320807
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.988 ng
RT: 15.500 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

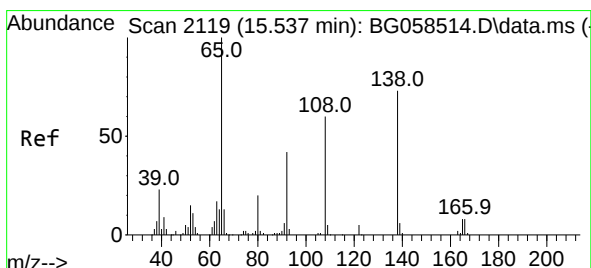
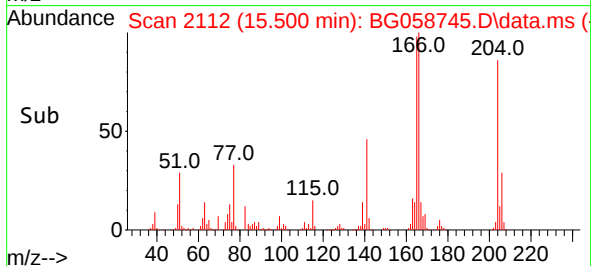
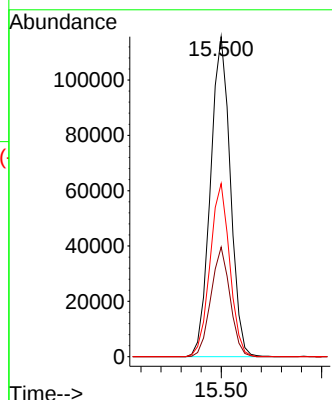
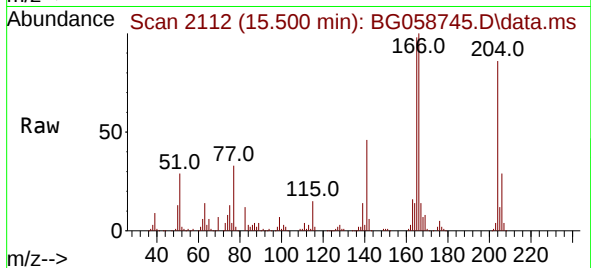
ClientSampleId :

PB154469BS

Tgt Ion:204 Resp: 15913
Ion Ratio Lower Upper
204 100
206 34.2 27.0 40.4
141 54.1 40.8 61.2

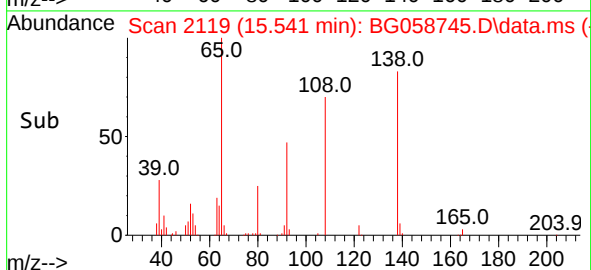
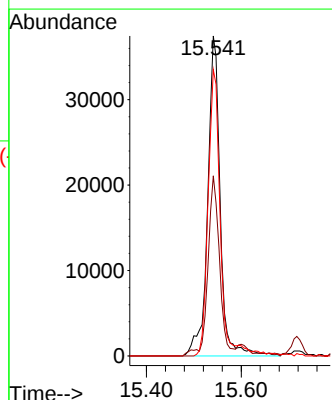
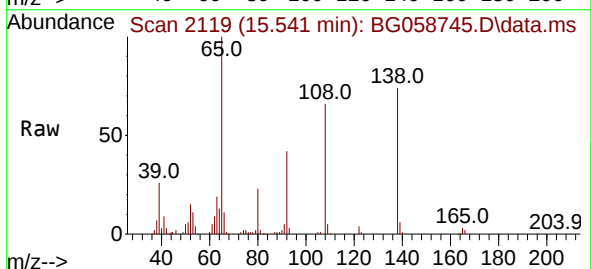
Manual Integrations
APPROVED

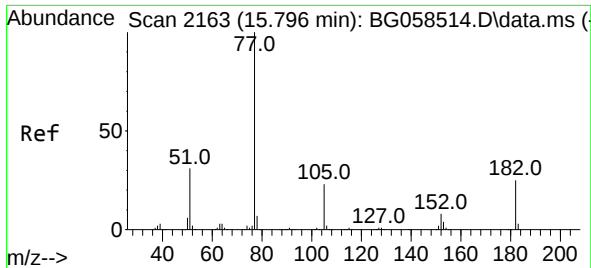
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#62
4-Nitroaniline
Concen: 48.261 ng
RT: 15.541 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:138 Resp: 69170
Ion Ratio Lower Upper
138 100
92 56.3 37.3 77.3
108 89.4 62.6 102.6





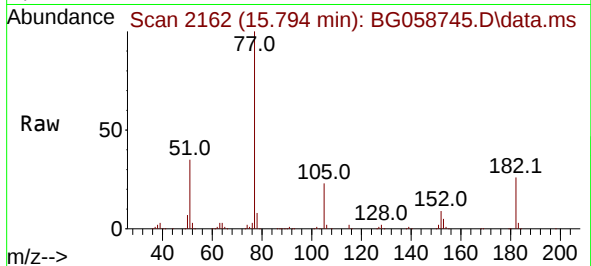
#63
Azobenzene
Concen: 42.814 ng
RT: 15.794 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

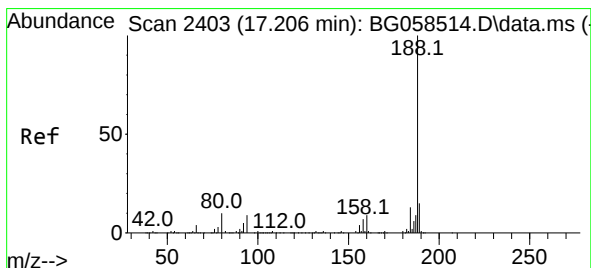
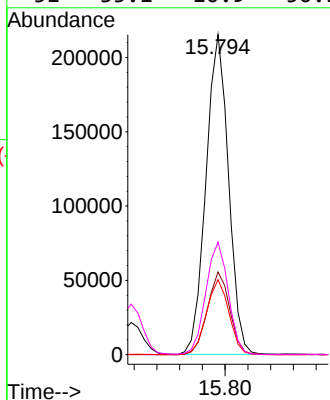
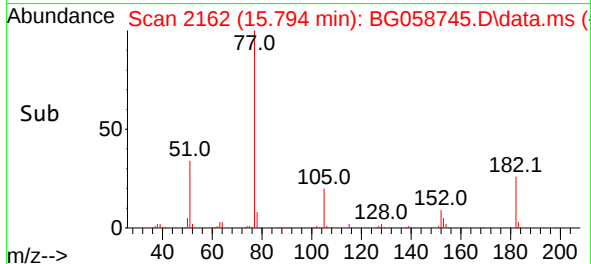


Tgt Ion: 77 Resp: 296086
Ion Ratio Lower Upper
77 100
182 25.8 4.6 44.6
105 23.4 3.3 43.3
51 35.1 10.9 50.9

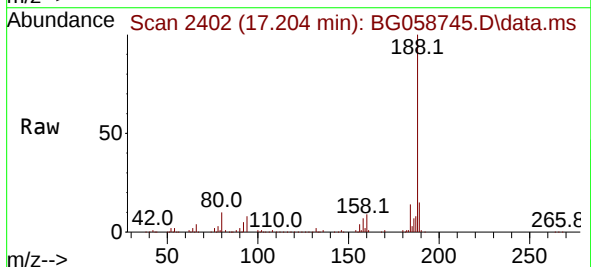
Manual Integrations

APPROVED

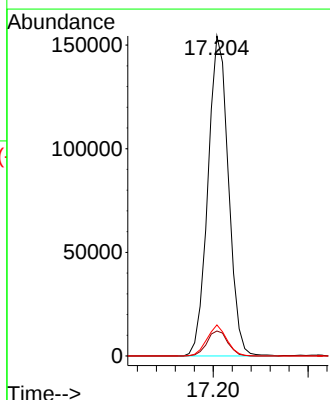
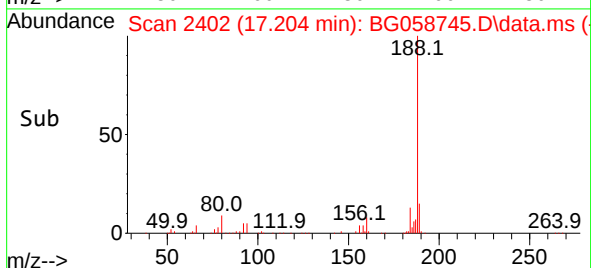
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

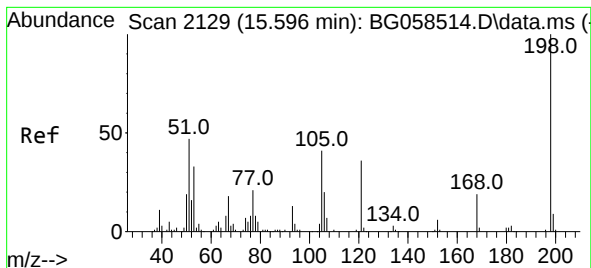


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



Tgt Ion:188 Resp: 231752
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 9.7 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 45.777 ng
RT: 15.600 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

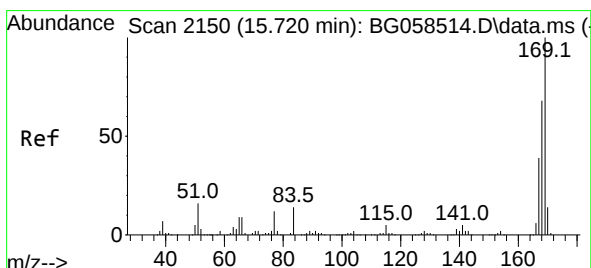
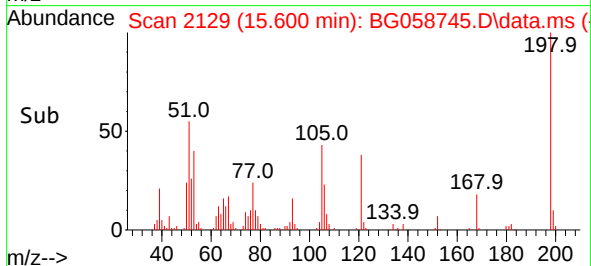
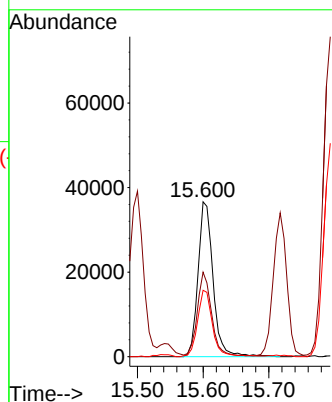
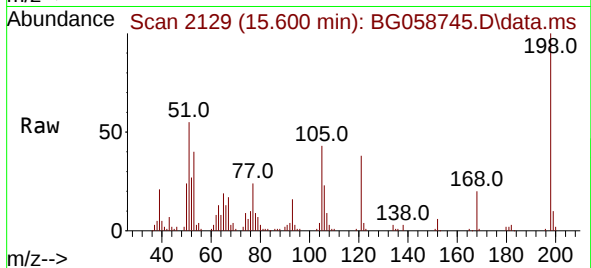
ClientSampleId :

PB154469BS

Tgt Ion:198 Resp: 5849
Ion Ratio Lower Upper
198 100
51 54.5 29.3 69.3
105 42.9 21.0 61.0

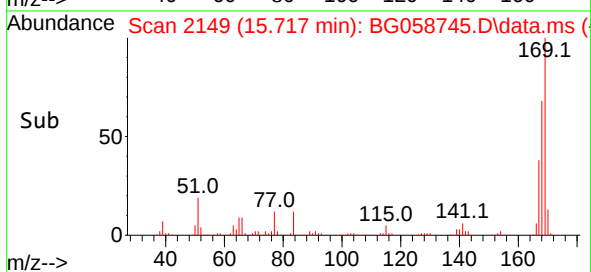
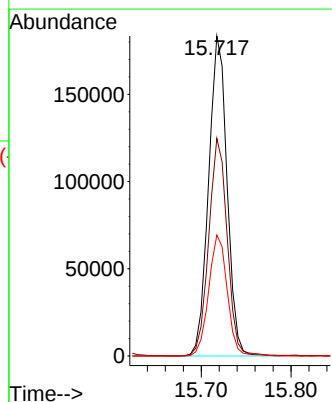
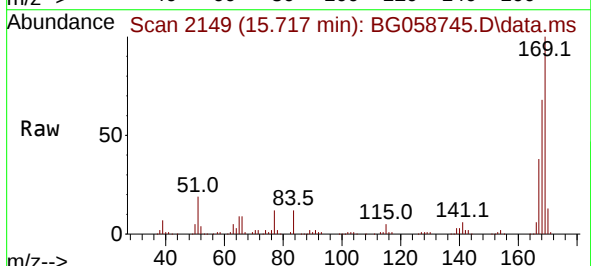
Manual Integrations
APPROVED

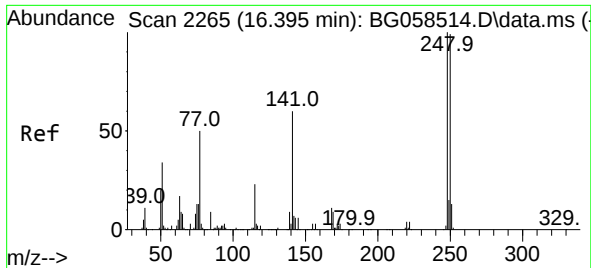
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#66
n-Nitrosodiphenylamine
Concen: 43.379 ng
RT: 15.717 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:169 Resp: 261655
Ion Ratio Lower Upper
169 100
168 68.0 54.6 82.0
167 37.8 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 42.492 ng
RT: 16.393 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

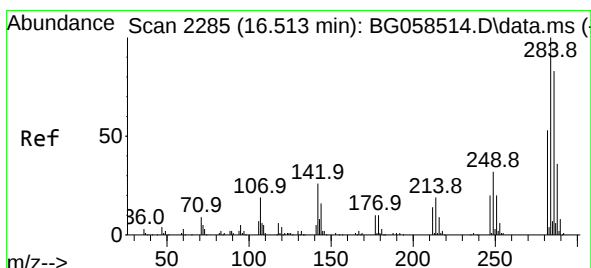
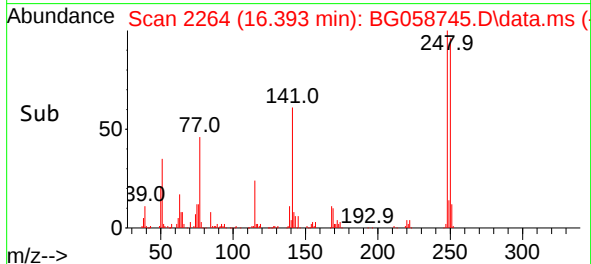
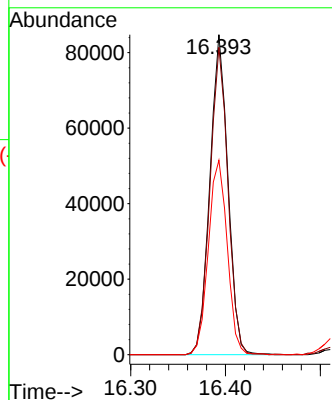
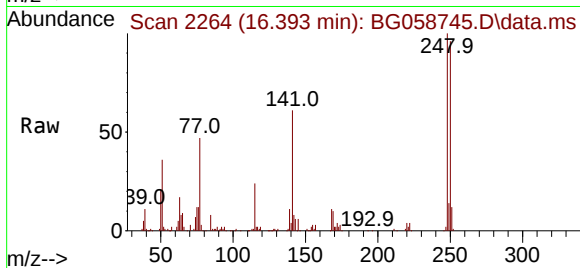
ClientSampleId :

PB154469BS

Tgt Ion:248 Resp: 111694
Ion Ratio Lower Upper
248 100
250 96.1 79.5 119.3
141 60.8 48.2 72.2

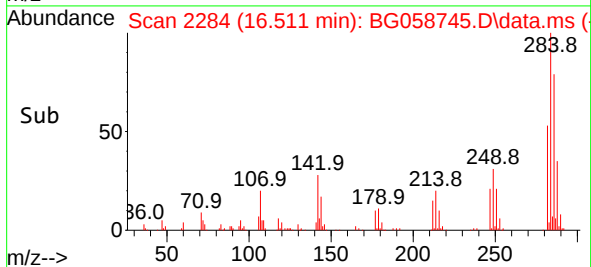
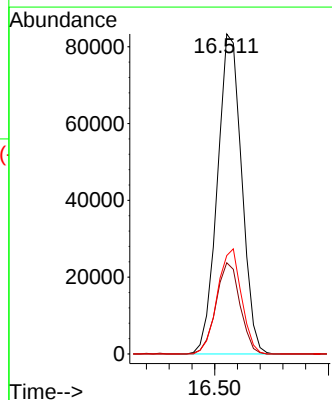
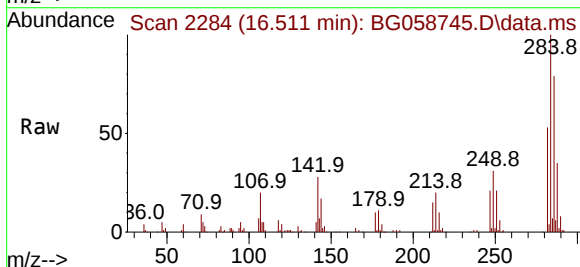
Manual Integrations
APPROVED

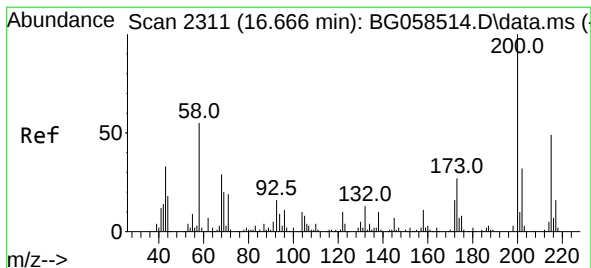
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#68
Hexachlorobenzene
Concen: 44.372 ng
RT: 16.511 min Scan# 2284
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:284 Resp: 123593
Ion Ratio Lower Upper
284 100
142 28.5 21.0 31.4
249 30.8 25.5 38.3





#69

Atrazine

Concen: 53.537 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

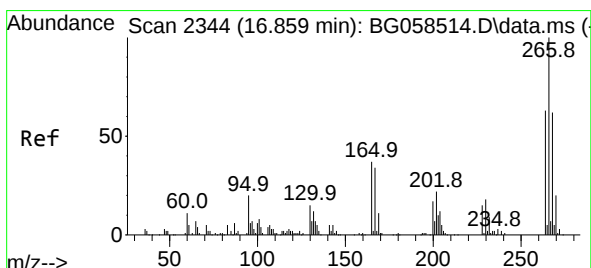
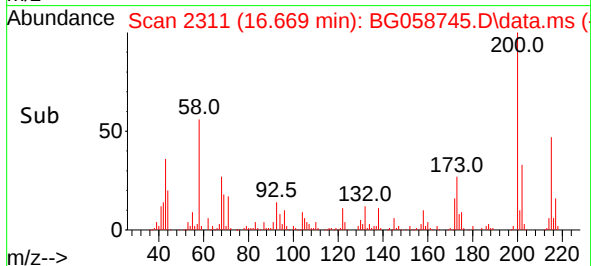
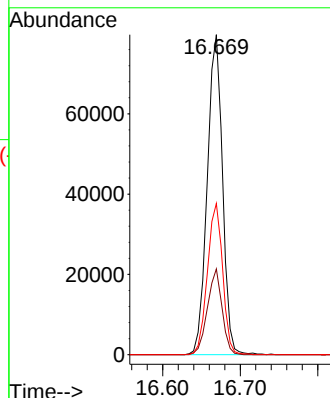
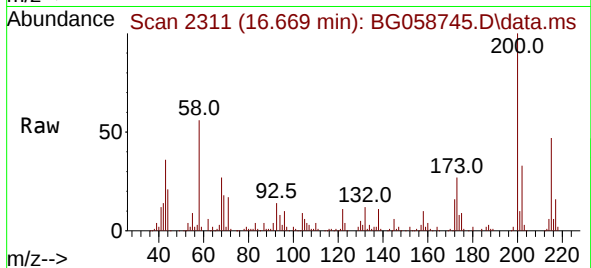
Tgt Ion:200 Resp: 10901
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.5 46.5
 215 47.2 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#70

Pentachlorophenol

Concen: 70.102 ng

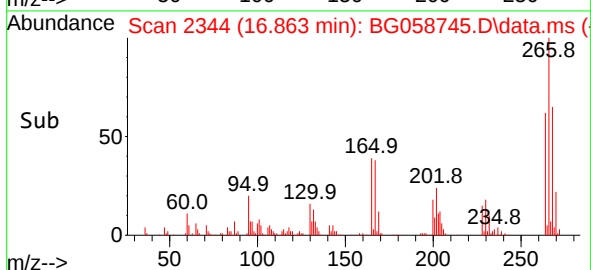
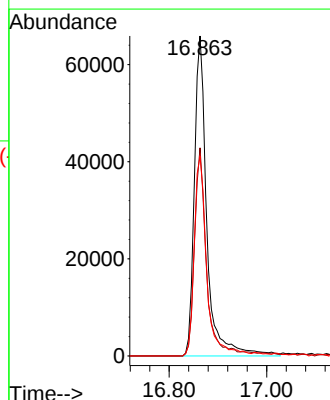
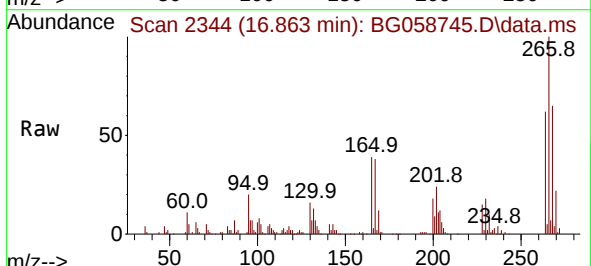
RT: 16.863 min Scan# 2344

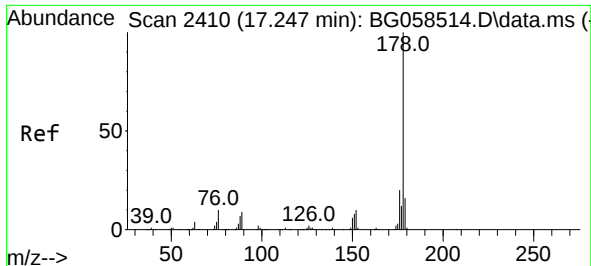
Delta R.T. 0.004 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Tgt Ion:266 Resp: 118186
 Ion Ratio Lower Upper
 266 100
 268 65.0 49.9 74.9
 264 62.4 50.2 75.4





#71
Phenanthrene
Concen: 44.272 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

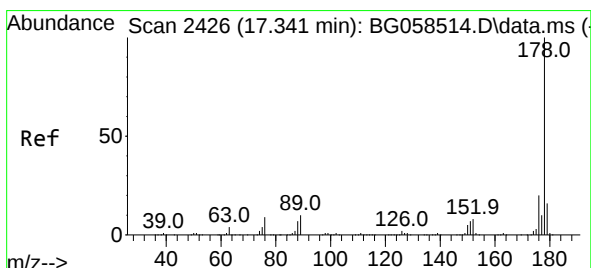
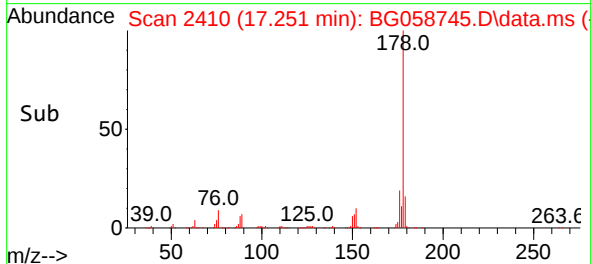
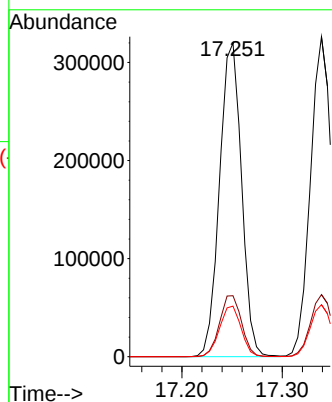
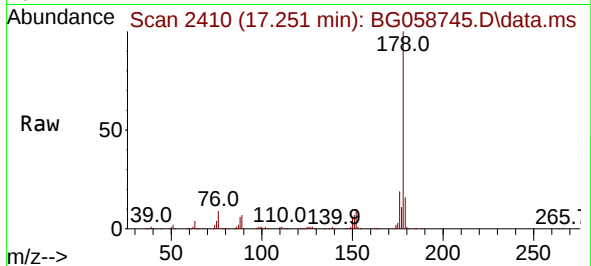
PB154469BS

Tgt Ion:178 Resp: 48658
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 16.1 13.1 19.7

Manual Integrations

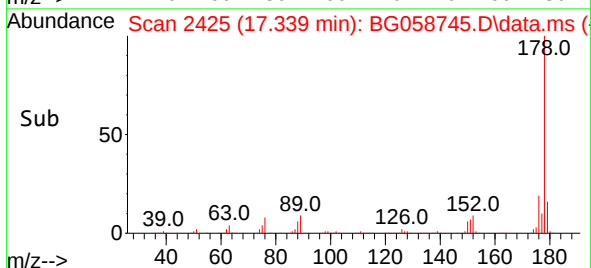
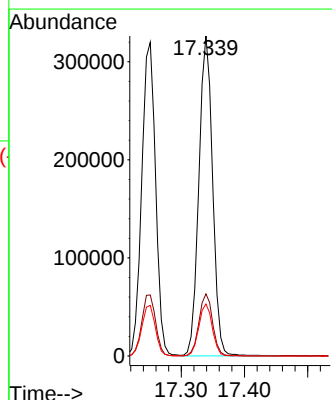
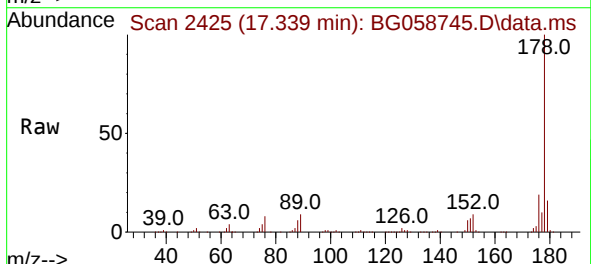
APPROVED

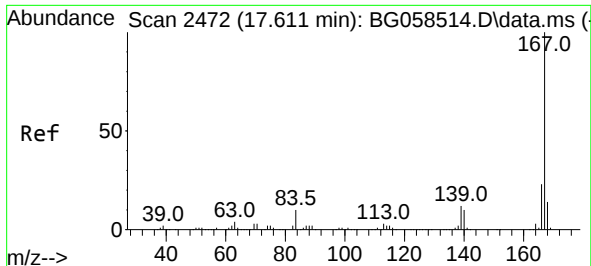
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#72
Anthracene
Concen: 43.501 ng
RT: 17.339 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:178 Resp: 490573
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.3 12.9 19.3





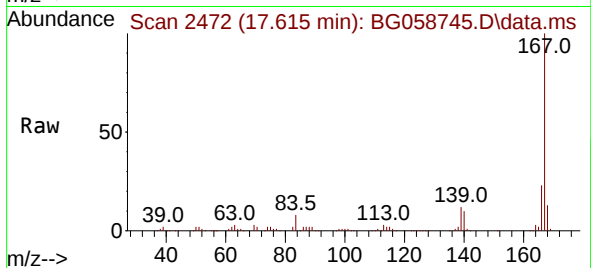
#73
 Carbazole
 Concen: 45.865 ng
 RT: 17.615 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG058745.D
 Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

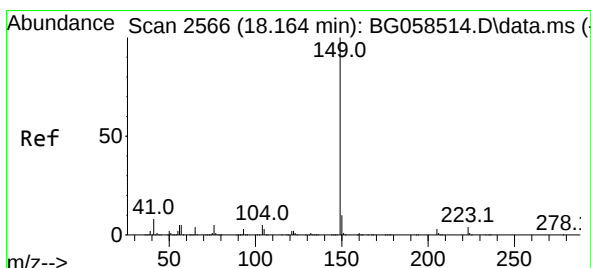
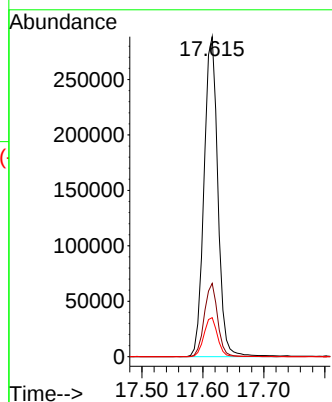
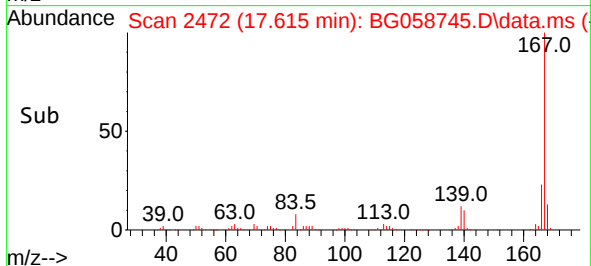


Tgt Ion:167 Resp: 456109
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.2 10.0 15.0

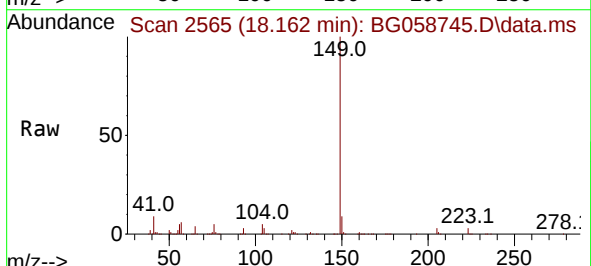
Manual Integrations

APPROVED

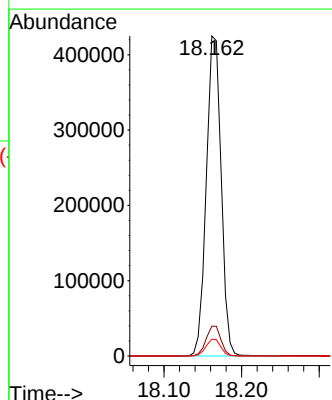
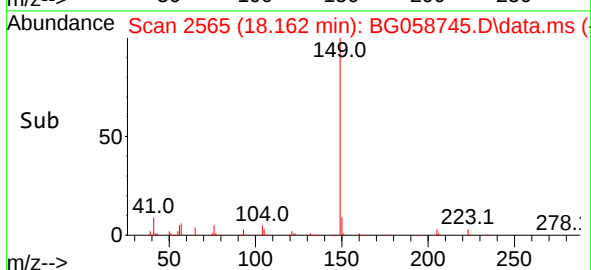
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

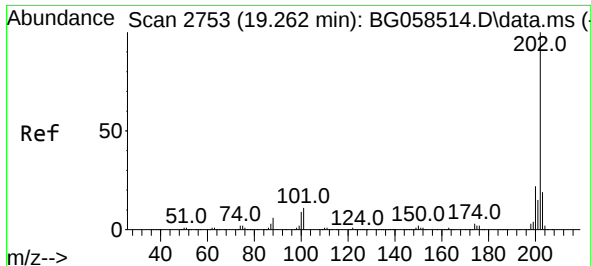


#74
 Di-n-butylphthalate
 Concen: 45.412 ng
 RT: 18.162 min Scan# 2565
 Delta R.T. -0.002 min
 Lab File: BG058745.D
 Acq: 16 Aug 2023 12:43



Tgt Ion:149 Resp: 565666
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.2 4.0 6.0





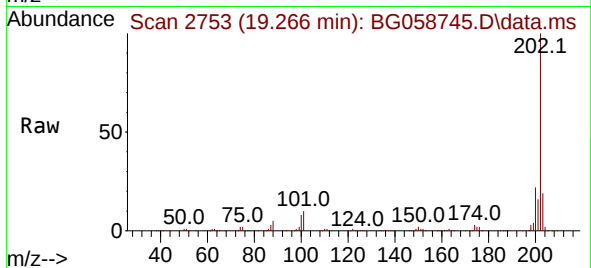
#75
Fluoranthene
Concen: 44.107 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS



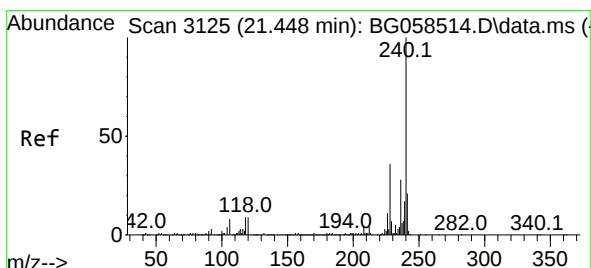
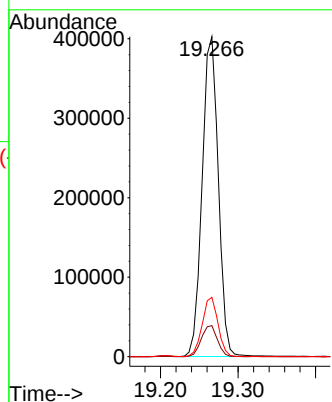
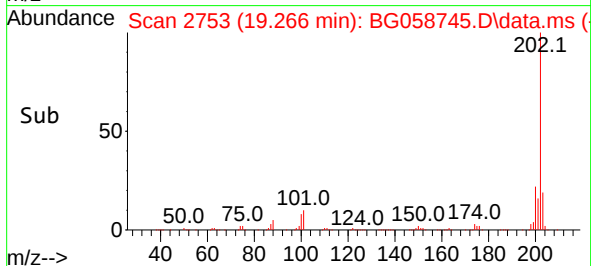
Tgt Ion:202 Resp: 58231
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 18.6 0.0 39.0

Manual Integrations

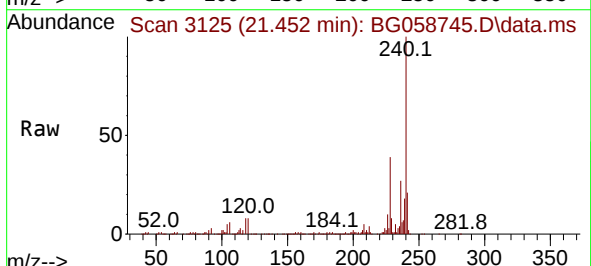
APPROVED

Reviewed By :Yogesh Patel 08/17/2023

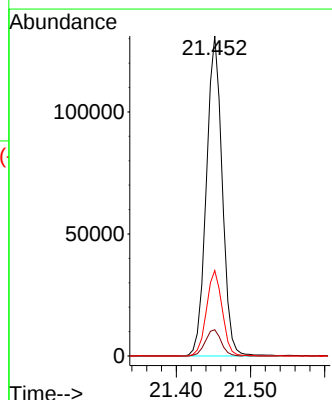
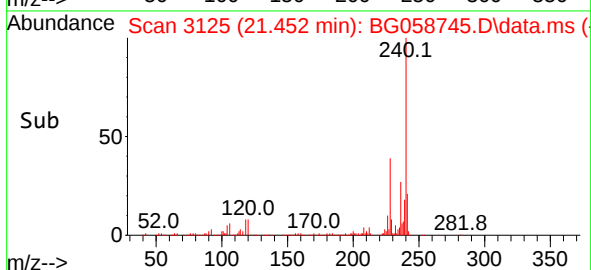
Supervised By :mohammad ahmed 08/17/2023

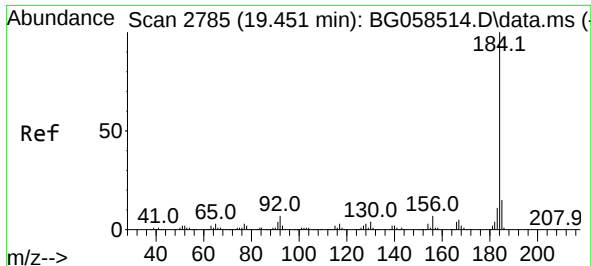


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



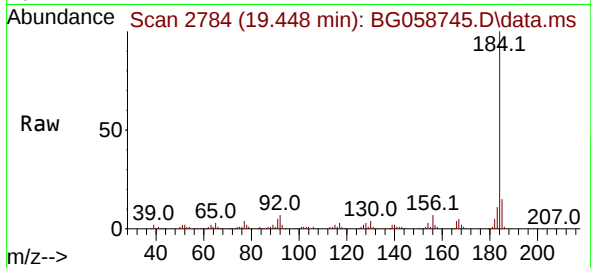
Tgt Ion:240 Resp: 194916
Ion Ratio Lower Upper
240 100
120 8.2 7.4 11.0
236 26.7 22.2 33.4





#77
Benzidine
Concen: 59.859 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

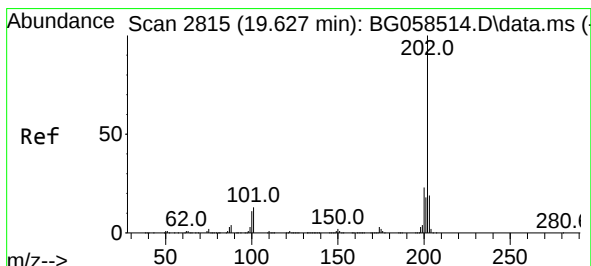
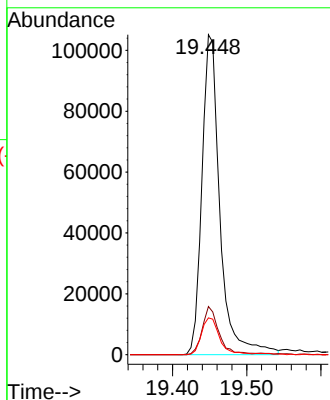
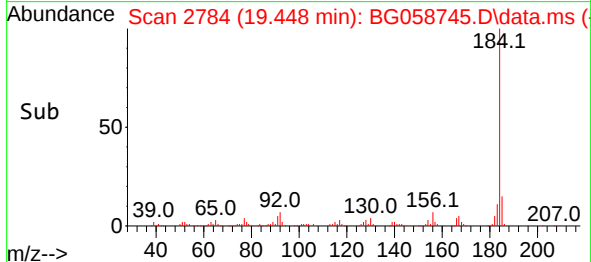
Instrument :
BNA_G
ClientSampleId :
PB154469BS



Tgt Ion:184 Resp: 176920
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.5 8.7 13.1

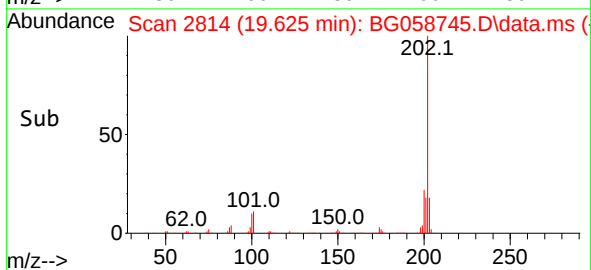
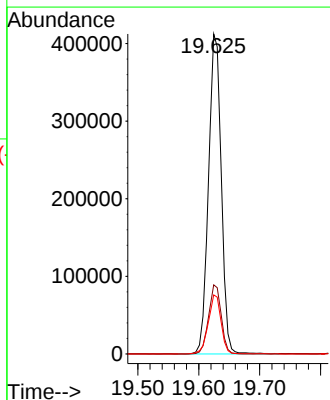
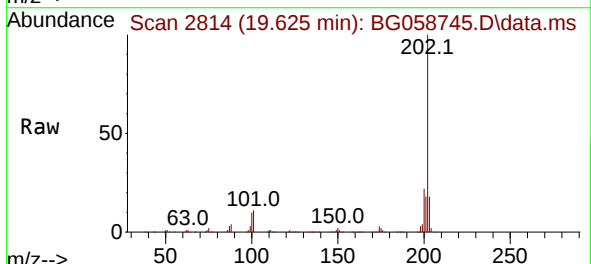
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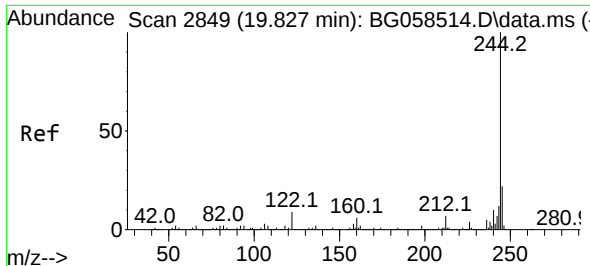
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#78
Pyrene
Concen: 45.270 ng
RT: 19.625 min Scan# 2814
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:202 Resp: 600511
Ion Ratio Lower Upper
202 100
200 21.6 18.2 27.2
203 18.5 15.1 22.7





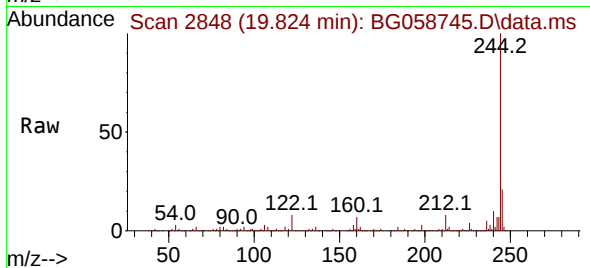
#79
 Terphenyl-d14
 Concen: 89.988 ng
 RT: 19.824 min Scan# 2848
 Delta R.T. -0.002 min
 Lab File: BG058745.D
 Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

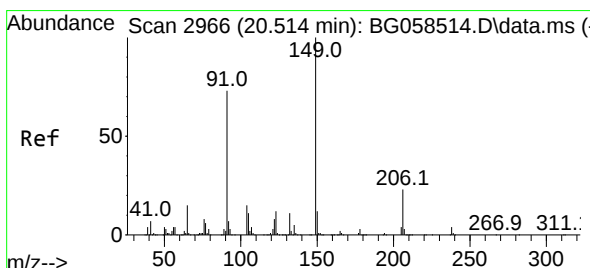
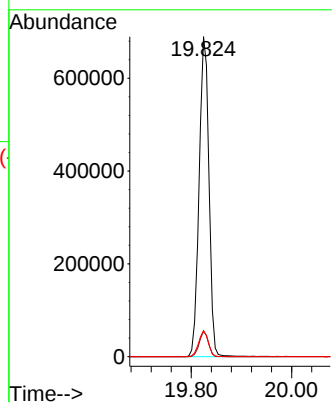
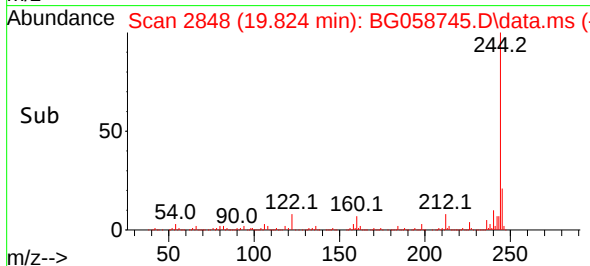


Tgt Ion:244 Resp: 932719
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 8.2 6.8 10.2

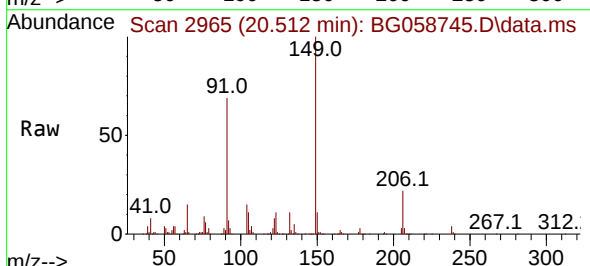
Manual Integrations

APPROVED

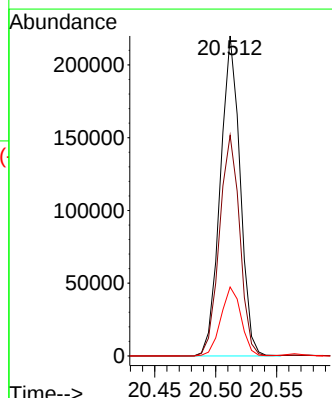
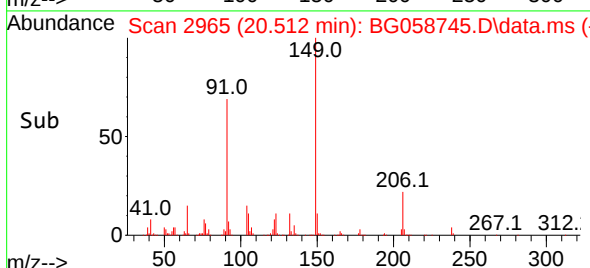
Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

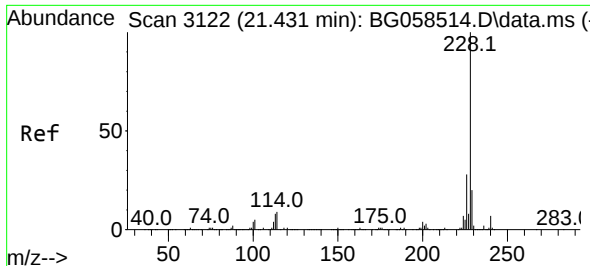


#80
 Butylbenzylphthalate
 Concen: 45.693 ng
 RT: 20.512 min Scan# 2965
 Delta R.T. -0.002 min
 Lab File: BG058745.D
 Acq: 16 Aug 2023 12:43



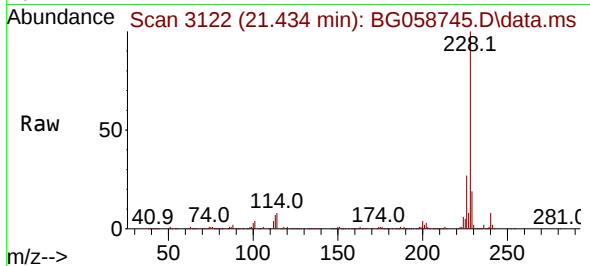
Tgt Ion:149 Resp: 248972
 Ion Ratio Lower Upper
 149 100
 91 69.0 58.4 87.6
 206 21.6 18.3 27.5





#81
Benzo(a)anthracene
Concen: 44.754 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

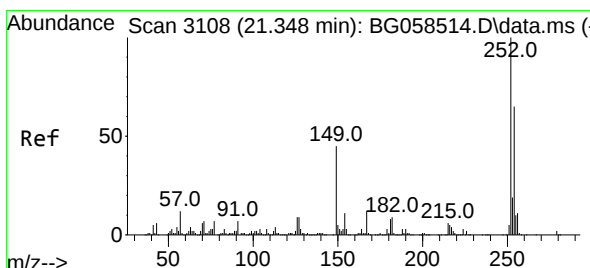
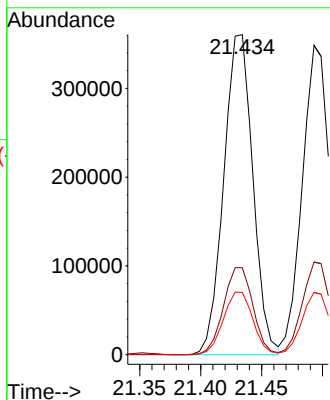
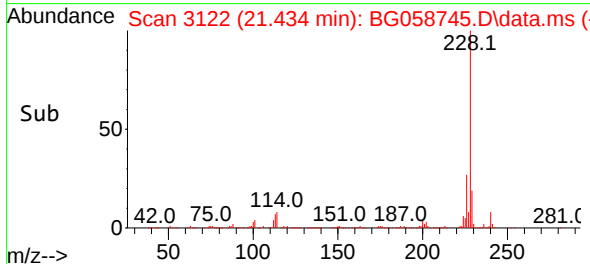
Instrument :
BNA_G
ClientSampleId :
PB154469BS



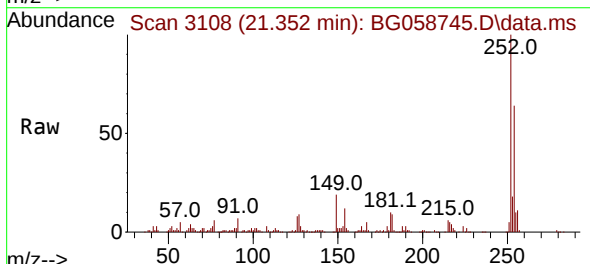
Tgt Ion:228 Resp: 60033
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.4 16.3 24.5

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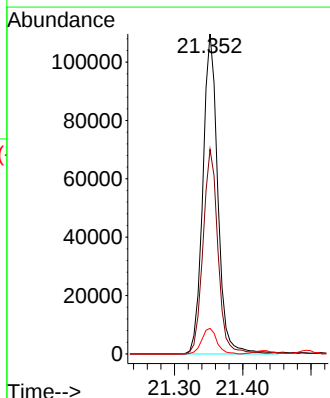
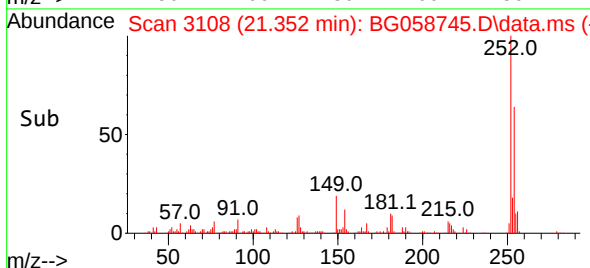
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.858 ng
RT: 21.352 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43



Tgt Ion:252 Resp: 167165
Ion Ratio Lower Upper
252 100
254 63.9 52.2 78.4
126 8.0 7.2 10.8





#83

Chrysene

Concen: 43.202 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

Tgt Ion:228 Resp: 55563

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

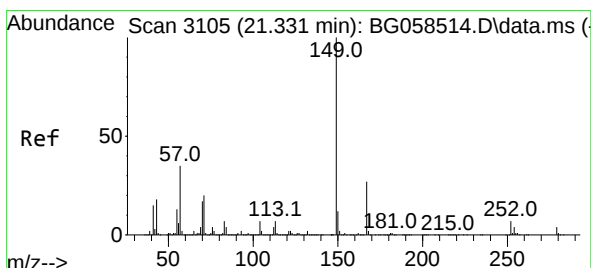
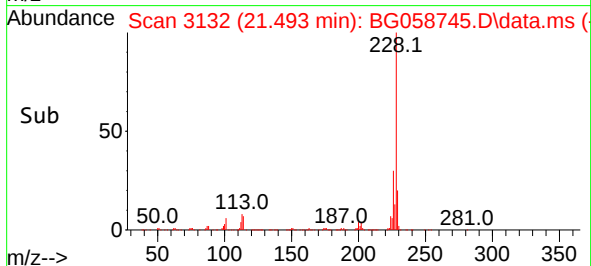
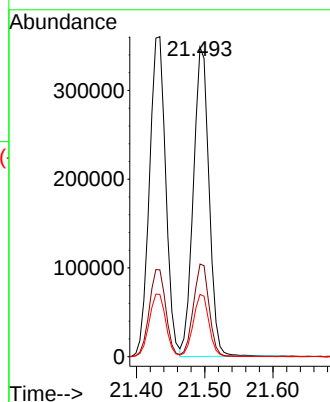
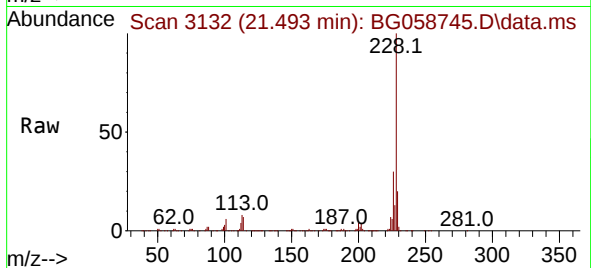
229 20.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2023

Supervised By :mohammad ahmed 08/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.624 ng

RT: 21.334 min Scan# 3105

Delta R.T. 0.004 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

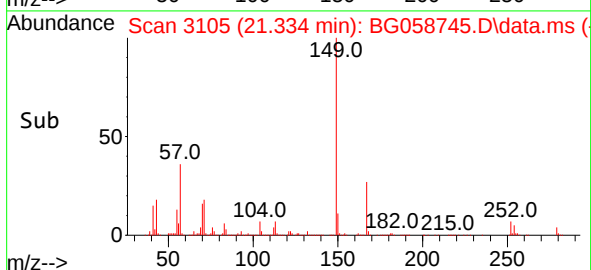
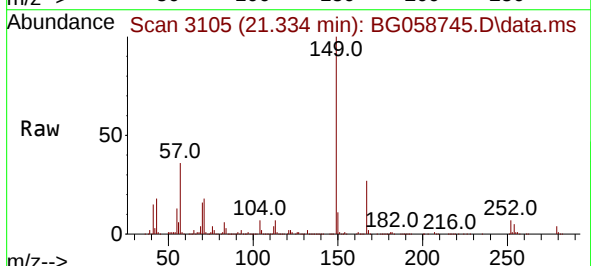
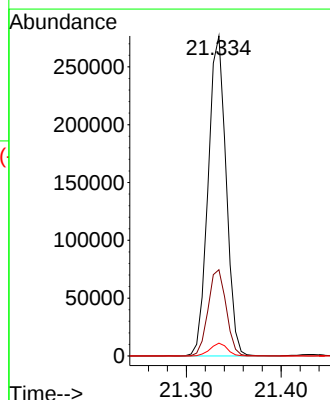
Tgt Ion:149 Resp: 363279

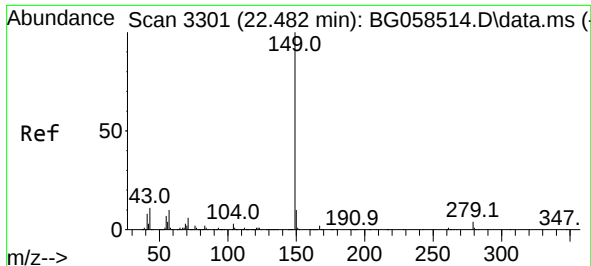
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

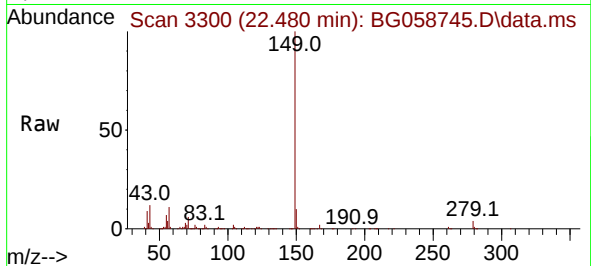
279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 45.642 ng
RT: 22.480 min Scan# 3301
Delta R.T. -0.002 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

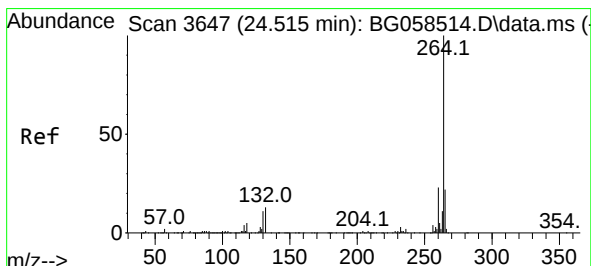
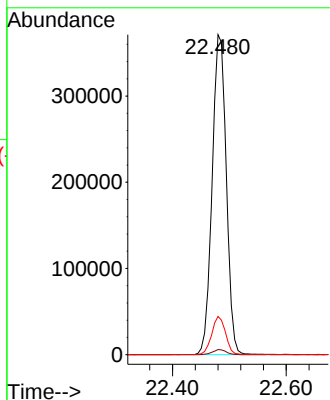
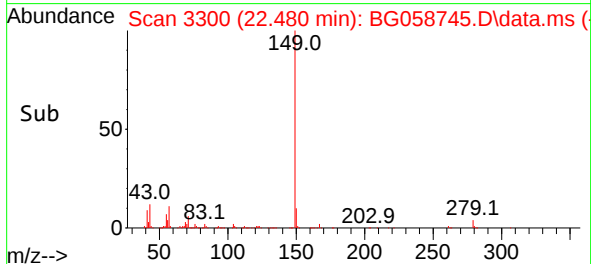
Instrument :
BNA_G
ClientSampleId :
PB154469BS



Tgt Ion:149 Resp: 638940
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.5 8.2 12.2

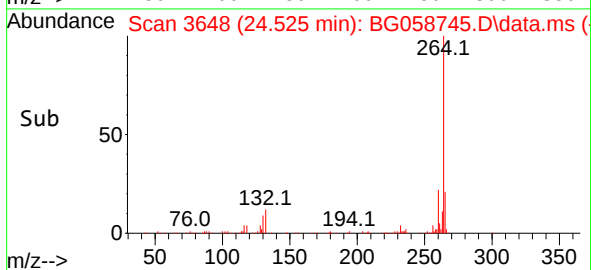
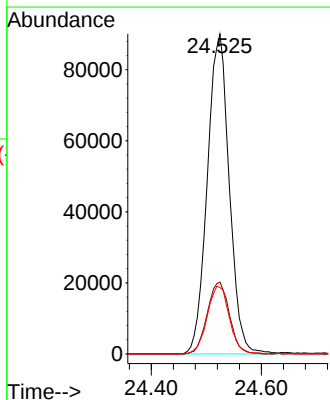
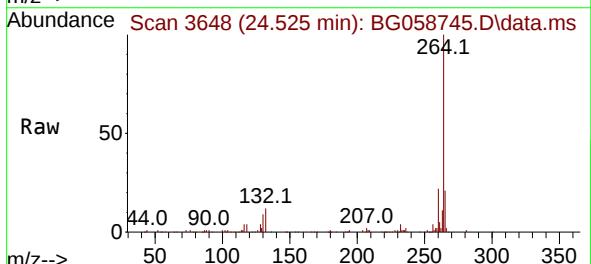
Manual Integrations
APPROVED

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



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.525 min Scan# 3648
Delta R.T. 0.010 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:264 Resp: 249809
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 20.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.891 ng

RT: 28.026 min Scan# 41

Delta R.T. 0.015 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

Instrument :

BNA_G

ClientSampleId :

PB154469BS

Tgt Ion:276 Resp: 746040

Ion Ratio Lower Upper

276 100

138 17.8 16.0 24.0

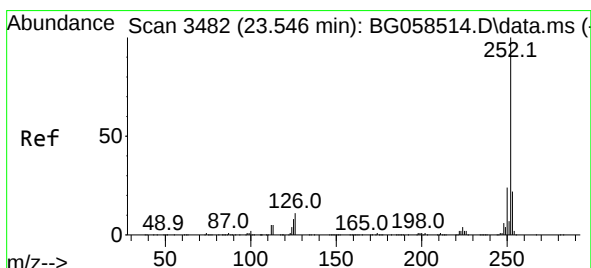
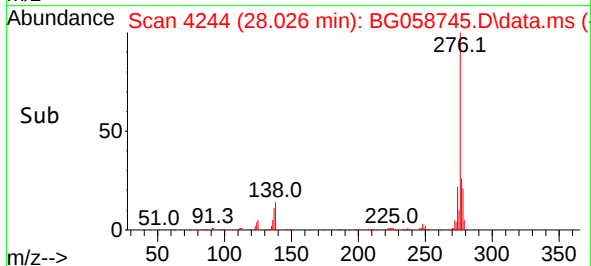
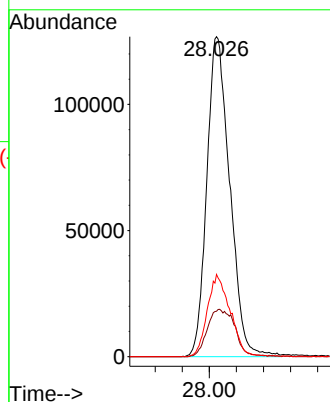
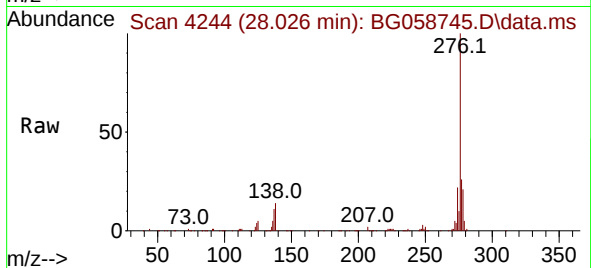
277 25.5 20.4 30.6

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: 46.519 ng

RT: 23.549 min Scan# 3482

Delta R.T. 0.004 min

Lab File: BG058745.D

Acq: 16 Aug 2023 12:43

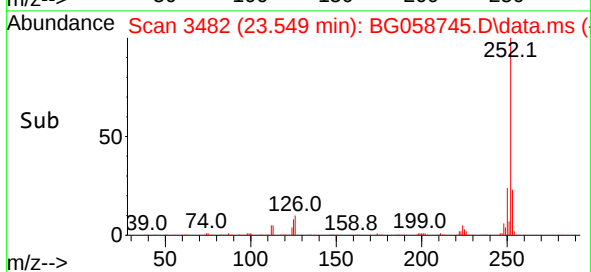
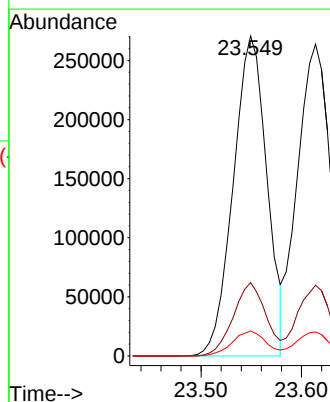
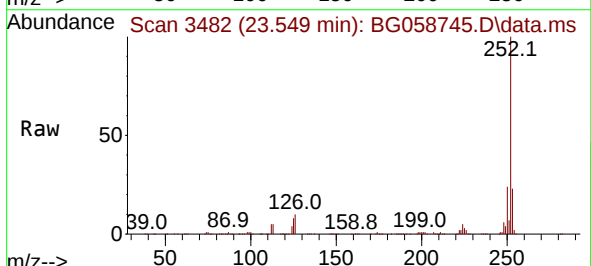
Tgt Ion:252 Resp: 630295

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

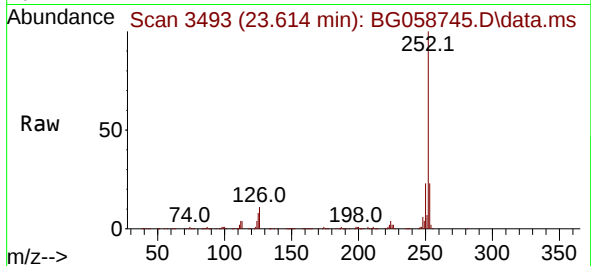
125 7.8 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 45.104 ng
RT: 23.614 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

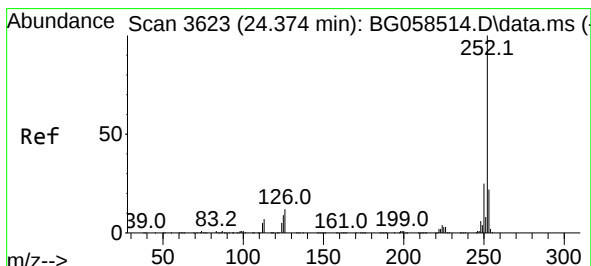
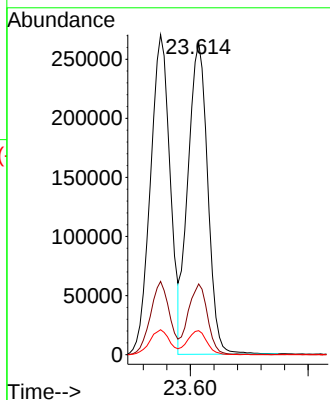
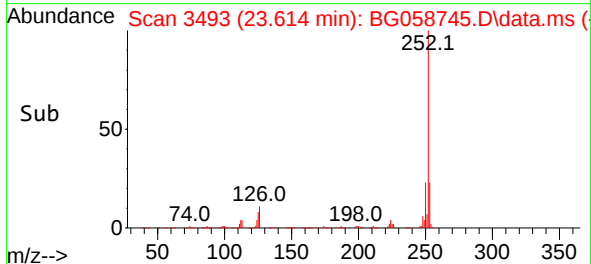
Instrument :
BNA_G
ClientSampleId :
PB154469BS



Tgt Ion:252 Resp: 613924
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 7.7 6.6 10.0

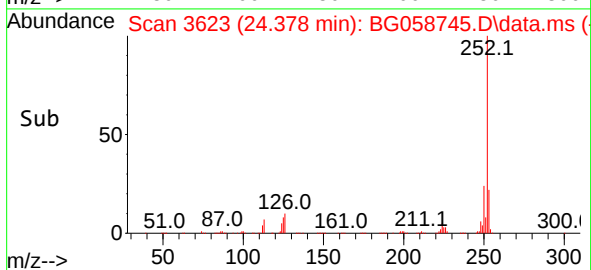
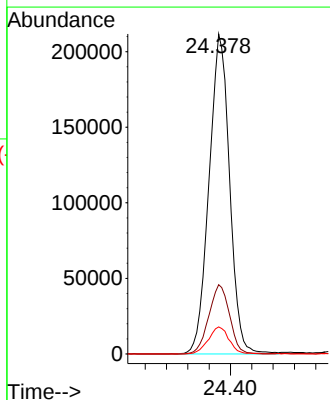
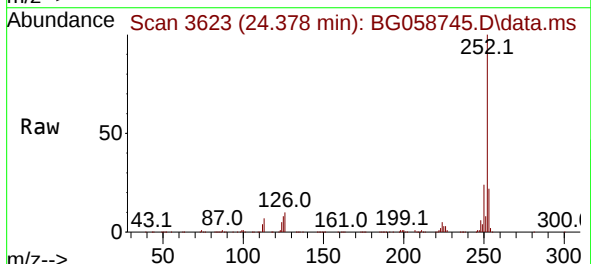
Manual Integrations
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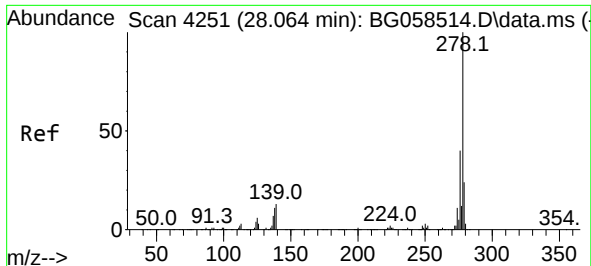
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023



#90
Benzo(a)pyrene
Concen: 42.602 ng
RT: 24.378 min Scan# 3623
Delta R.T. 0.004 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

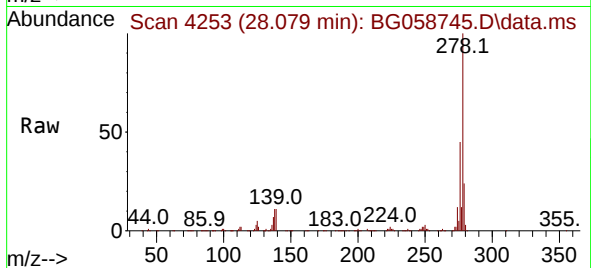
Tgt Ion:252 Resp: 566865
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.4 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 45.024 ng
RT: 28.079 min Scan# 41
Delta R.T. 0.015 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

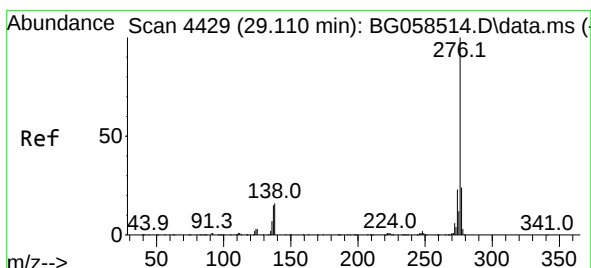
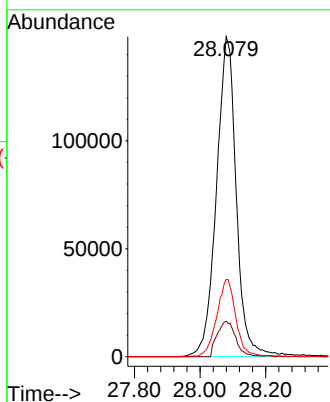
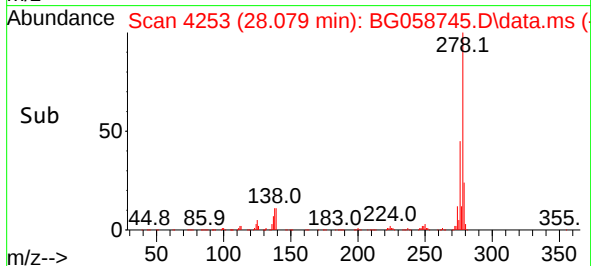
Instrument :
BNA_G
ClientSampleId :
PB154469BS



Tgt Ion:278 Resp: 61870
Ion Ratio Lower Upper
278 100
139 11.0 10.4 15.6
279 24.1 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: 43.177 ng
RT: 29.119 min Scan# 4430
Delta R.T. 0.010 min
Lab File: BG058745.D
Acq: 16 Aug 2023 12:43

Tgt Ion:276 Resp: 594956
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 15.6 13.0 19.4

