

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058608.D
 Acq On : 4 Aug 2023 12:46
 Operator : MA/JU
 Sample : 03877-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 13:46:19 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	51090	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	222054	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	153509	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	348844	20.000	ng	0.00
76) Chrysene-d12	21.451	240	298727	20.000	ng	0.00
86) Perylene-d12	24.518	264	387166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	334440	100.054	ng	0.00
7) Phenol-d6	6.985	99	455373	97.905	ng	0.00
23) Nitrobenzene-d5	8.977	82	271726	60.114	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	216067	85.873	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	607533	59.309	ng	0.00
79) Terphenyl-d14	19.823	244	1026081	64.593	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.266	88	61491	37.964	ng	99
3) Pyridine	3.660	79	153300	34.715	ng	95
4) n-Nitrosodimethylamine	3.583	42	80608	43.082	ng	100
6) Aniline	7.138	93	179626	31.368	ng	99
8) 2-Chlorophenol	7.379	128	168876	51.500	ng	97
9) Benzaldehyde	6.950	77	97336	38.519	ng	97
10) Phenol	7.015	94	230833	50.806	ng	98
11) bis(2-Chloroethyl)ether	7.232	93	163563	45.664	ng	96
12) 1,3-Dichlorobenzene	7.702	146	167919	47.956	ng	98
13) 1,4-Dichlorobenzene	7.849	146	170886	48.605	ng	97
14) 1,2-Dichlorobenzene	8.166	146	167512	49.834	ng	100
15) Benzyl Alcohol	8.055	79	153826	52.151	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.343	45	277304m	47.660	ng	
17) 2-Methylphenol	8.260	107	154324	46.454	ng	99
18) Hexachloroethane	8.889	117	62670	49.041	ng	92
19) n-Nitroso-di-n-propyla...	8.619	70	132996	44.268	ng	99
20) 3+4-Methylphenols	8.589	107	214653	47.769	ng	98
22) Acetophenone	8.636	105	262554	44.158	ng	98
24) Nitrobenzene	9.018	77	200571	43.647	ng	97
25) Isophorone	9.535	82	382106	40.913	ng	99
26) 2-Nitrophenol	9.729	139	94010	46.997	ng	98
27) 2,4-Dimethylphenol	9.794	122	151541	45.672	ng	99
28) bis(2-Chloroethoxy)met...	10.023	93	223789	44.030	ng	100
29) 2,4-Dichlorophenol	10.270	162	167054	48.491	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	186095	46.840	ng	99
31) Naphthalene	10.663	128	518277	44.284	ng	99
32) Benzoic acid	9.958	122	124079	48.891	ng	97
33) 4-Chloroaniline	10.775	127	127058	25.695	ng	97
34) Hexachlorobutadiene	10.945	225	113233	44.256	ng	99
35) Caprolactam	11.568	113	54488m	42.830	ng	
36) 4-Chloro-3-methylphenol	11.915	107	198714	46.628	ng	99
37) 2-Methylnaphthalene	12.279	142	356880	42.629	ng	99
38) 1-Methylnaphthalene	12.502	142	342267	43.009	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	213413	45.283	ng	99
41) Hexachlorocyclopentadiene	12.626	237	134573	63.055	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	153572	47.376	ng	98

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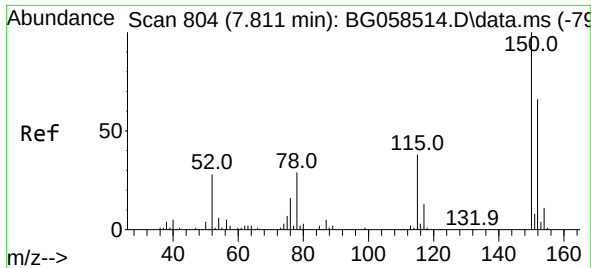
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	165374	43.313	ng	100
46) 1,1'-Biphenyl	13.296	154	474724	45.031	ng	100
47) 2-Chloronaphthalene	13.337	162	382467	46.530	ng	99
48) 2-Nitroaniline	13.548	65	146045	46.549	ng	98
49) Acenaphthylene	14.183	152	628963	45.703	ng	99
50) Dimethylphthalate	13.918	163	489348	42.445	ng	100
51) 2,6-Dinitrotoluene	14.042	165	112113	44.320	ng	95
52) Acenaphthene	14.524	154	349313	43.928	ng	98
53) 3-Nitroaniline	14.377	138	90280	35.671	ng	98
54) 2,4-Dinitrophenol	14.588	184	94341	67.452	ng	98
55) Dibenzofuran	14.864	168	595847	43.607	ng	99
56) 4-Nitrophenol	14.694	139	167902	89.133	ng	98
57) 2,4-Dinitrotoluene	14.835	165	157082	44.791	ng	95
58) Fluorene	15.511	166	473818	43.651	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	148542	45.592	ng	98
60) Diethylphthalate	15.282	149	494867	42.134	ng	100
61) 4-Chlorophenyl-phenyle...	15.505	204	261466	43.206	ng	97
62) 4-Nitroaniline	15.540	138	108043	45.065	ng	98
63) Azobenzene	15.793	77	537892	46.496	ng	99
65) 4,6-Dinitro-2-methylph...	15.599	198	78428	40.774	ng	97
66) n-Nitrosodiphenylamine	15.722	169	415416	45.753	ng	98
67) 4-Bromophenyl-phenylether	16.398	248	178278	45.058	ng	97
68) Hexachlorobenzene	16.515	284	199393	47.557	ng	99
69) Atrazine	16.668	200	165191	53.896	ng	99
70) Pentachlorophenol	16.862	266	196731	77.522	ng	99
71) Phenanthrene	17.250	178	740561	44.764	ng	100
72) Anthracene	17.344	178	758339	44.673	ng	99
73) Carbazole	17.614	167	698366	46.654	ng	100
74) Di-n-butylphthalate	18.166	149	861843	45.966	ng	99
75) Fluoranthene	19.265	202	893133	44.943	ng	100
77) Benzidine	19.447	184	405680	89.556	ng	99
78) Pyrene	19.629	202	911469	44.834	ng	100
80) Butylbenzylphthalate	20.517	149	386458	46.278	ng	99
81) Benzo(a)anthracene	21.433	228	942839	45.862	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	267233	38.446	ng	100
83) Chrysene	21.498	228	871871	44.233	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	558260	45.747	ng	99
85) Di-n-octyl phthalate	22.485	149	1003401	46.768	ng	100
87) Indeno(1,2,3-cd)pyrene	28.020	276	1154602	44.827	ng	# 90
88) Benzo(b)fluoranthene	23.548	252	1015009	48.336	ng	100
89) Benzo(k)fluoranthene	23.613	252	948028	44.940	ng	99
90) Benzo(a)pyrene	24.377	252	896718	43.483	ng	98
91) Dibenzo(a,h)anthracene	28.078	278	981495	46.085	ng	99
92) Benzo(g,h,i)perylene	29.112	276	885883	41.482	ng	99

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



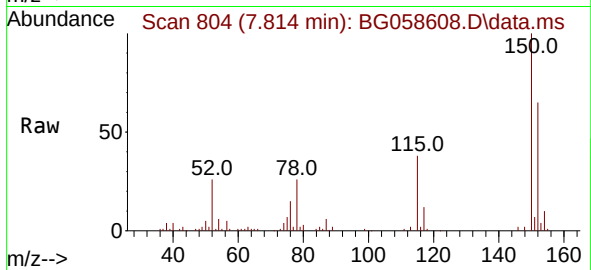
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

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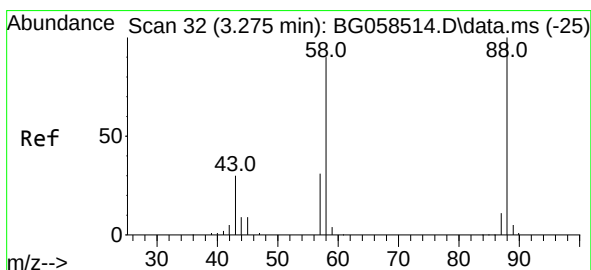
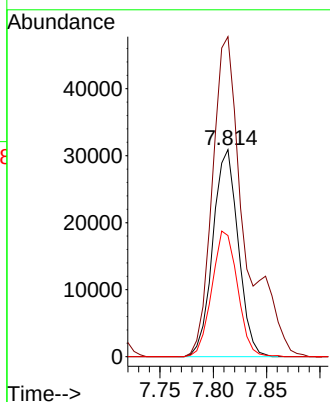
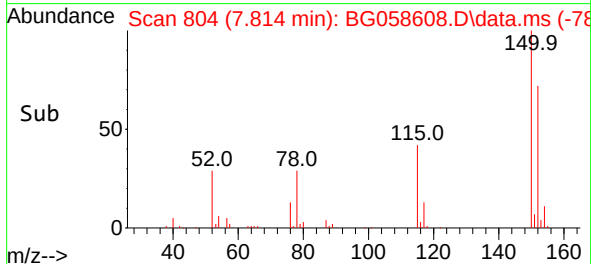


Tgt Ion:152 Resp: 51090
Ion Ratio Lower Upper
152 100
150 154.6 120.5 180.7
115 58.5 45.9 68.9

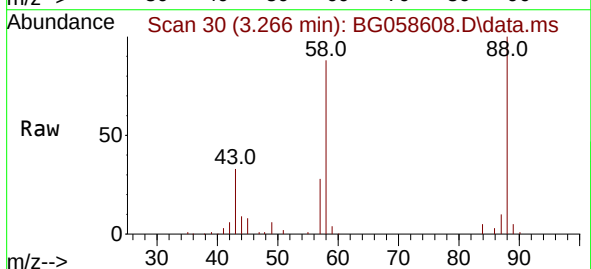
Manual Integrations

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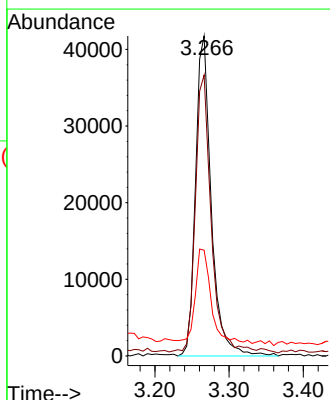
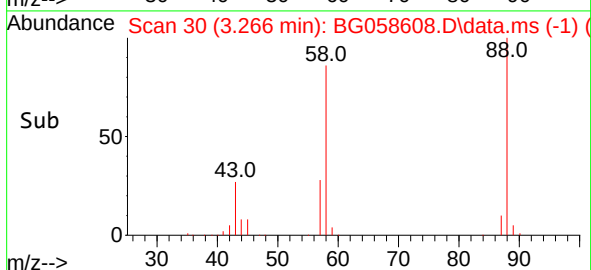
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

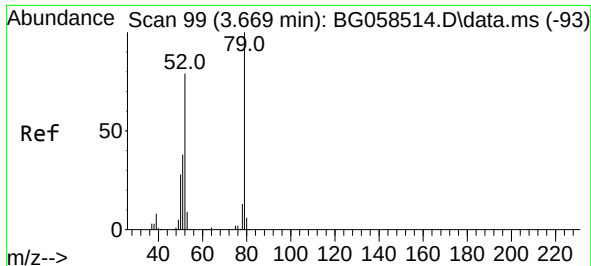


#2
1,4-Dioxane
Concen: 37.964 ng
RT: 3.266 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



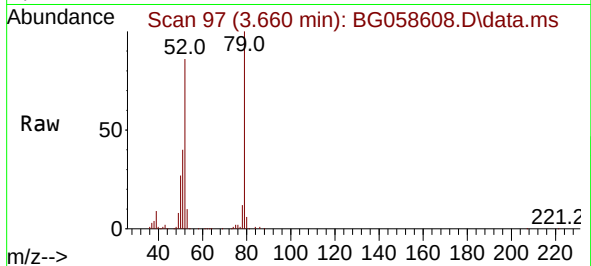
Tgt Ion: 88 Resp: 61491
Ion Ratio Lower Upper
88 100
58 86.3 68.9 103.3
43 29.7 22.9 34.3





#3
Pyridine
Concen: 34.715 ng
RT: 3.660 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

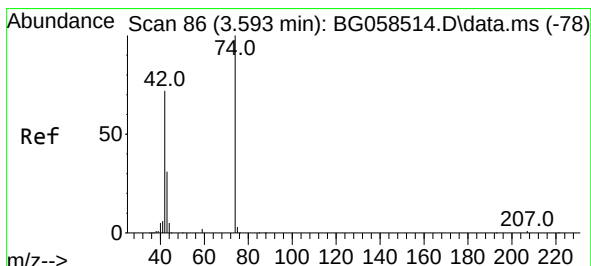
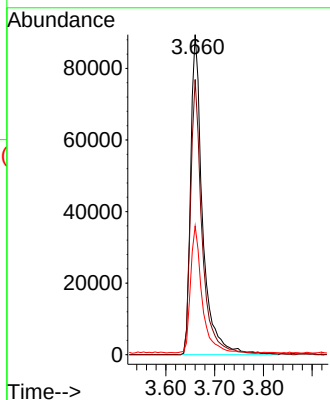
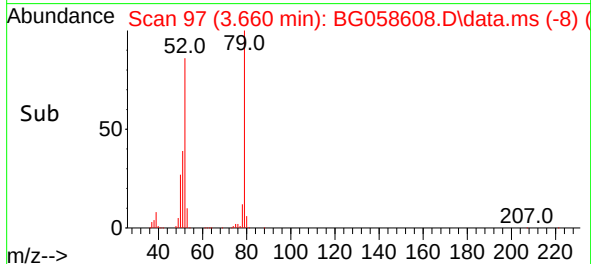
Instrument :
BNA_G
ClientSampleId :
COMP-3MSD



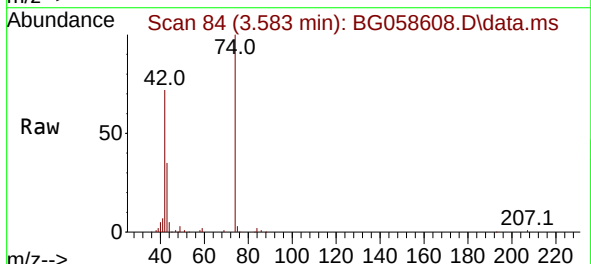
Tgt Ion: 79 Resp: 153300
Ion Ratio Lower Upper
79 100
52 86.0 63.2 94.8
51 40.2 31.9 47.9

Manual Integrations
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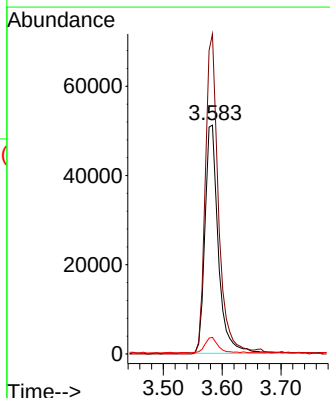
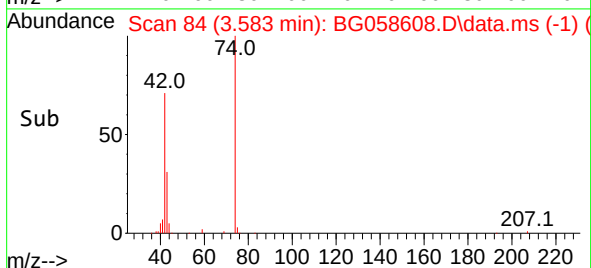
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

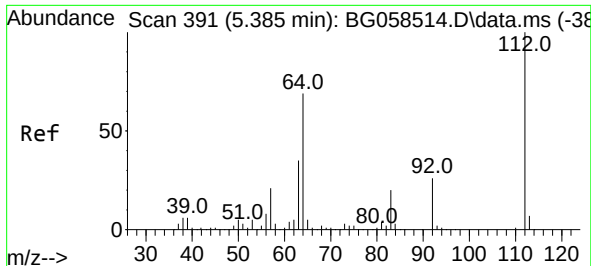


#4
n-Nitrosodimethylamine
Concen: 43.082 ng
RT: 3.583 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion: 42 Resp: 80608
Ion Ratio Lower Upper
42 100
74 139.8 111.5 167.3
44 7.3 5.4 8.2





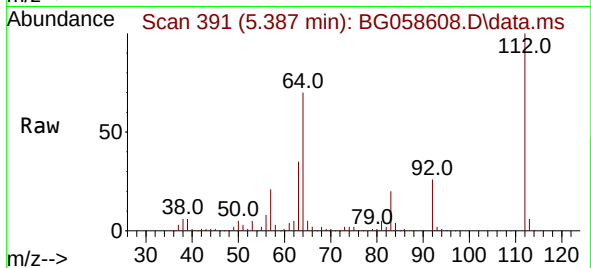
#5
2-Fluorophenol
Concen: 100.054 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

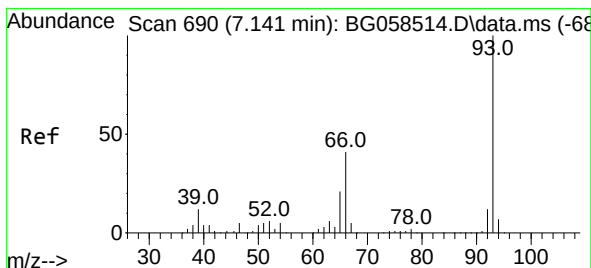
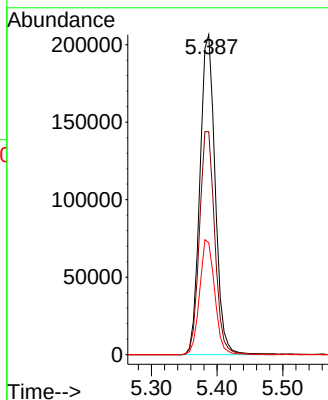
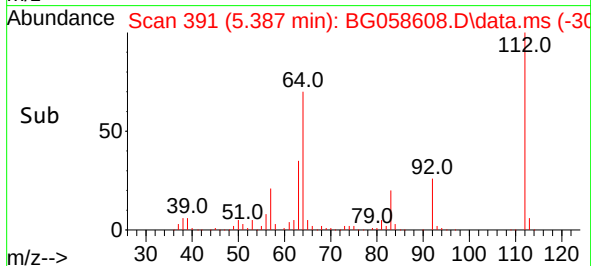


Tgt Ion:112 Resp: 334440
Ion Ratio Lower Upper
112 100
64 69.7 55.3 82.9
63 35.0 28.3 42.5

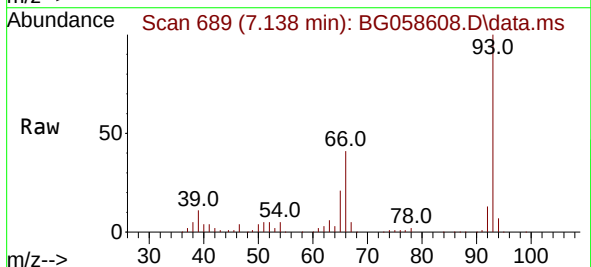
Manual Integrations

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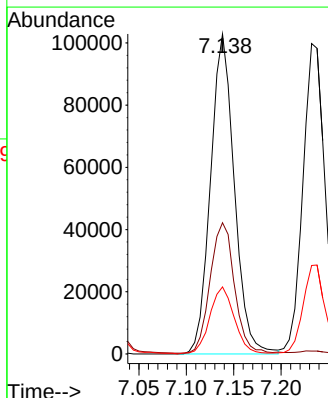
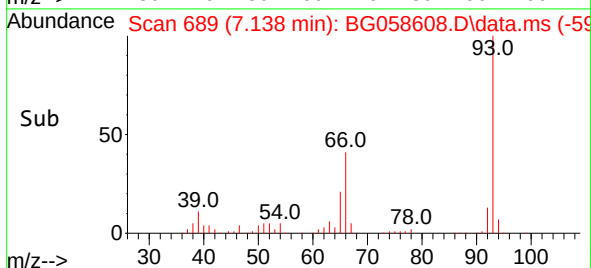
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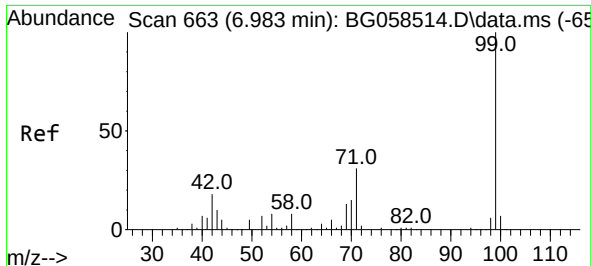


#6
Aniline
Concen: 31.368 ng
RT: 7.138 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion: 93 Resp: 179626
Ion Ratio Lower Upper
93 100
66 41.0 33.1 49.7
65 21.0 17.0 25.4





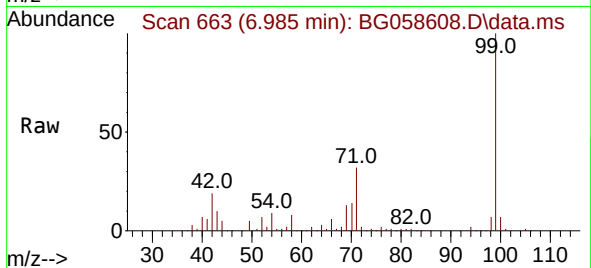
#7
Phenol-d6
Concen: 97.905 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

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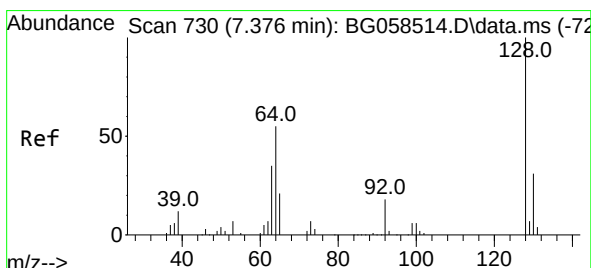
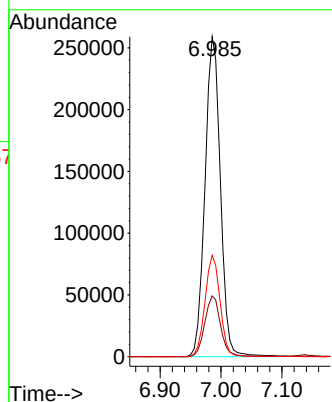
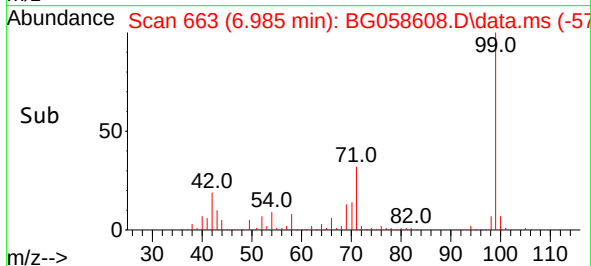


Tgt Ion: 99 Resp: 45537
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 31.6 25.0 37.4

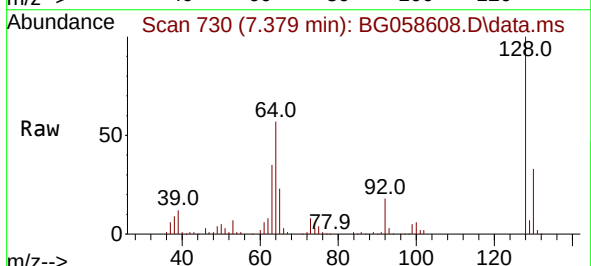
Manual Integrations

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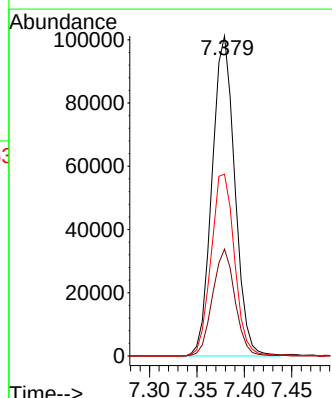
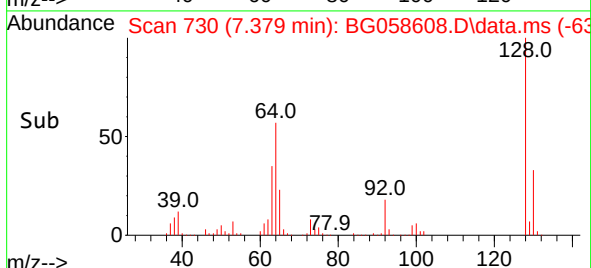
Reviewed By :Yogesh Patel 08/07/2023
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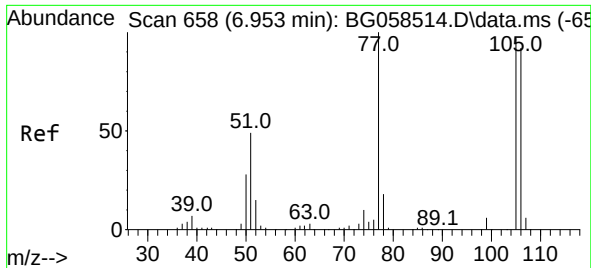


#8
2-Chlorophenol
Concen: 51.500 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:128 Resp: 168876
Ion Ratio Lower Upper
128 100
130 33.4 10.9 50.9
64 56.8 39.0 79.0





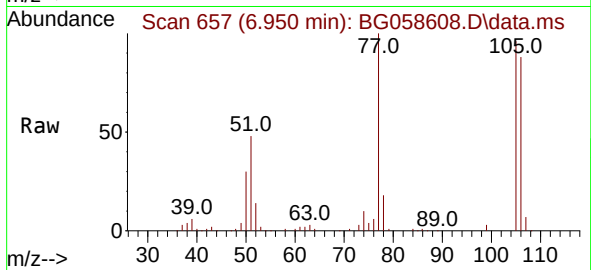
#9
Benzaldehyde
Concen: 38.519 ng
RT: 6.950 min Scan# 658
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

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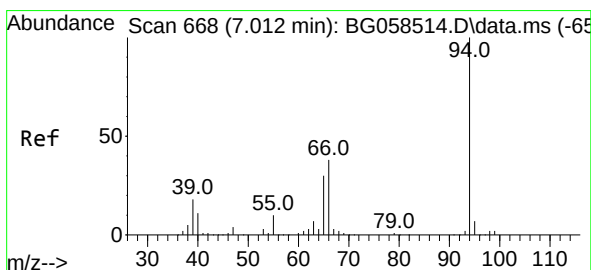
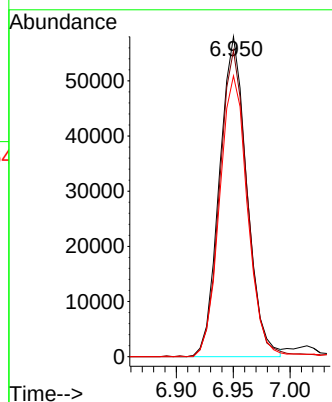
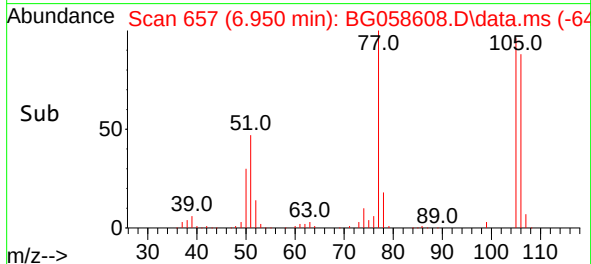


Tgt Ion: 77 Resp: 97330
Ion Ratio Lower Upper
77 100
105 95.7 77.1 117.1
106 87.8 71.6 111.6

Manual Integrations

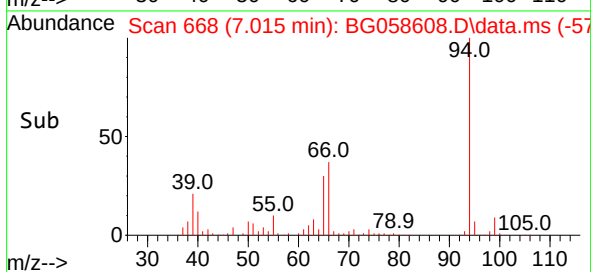
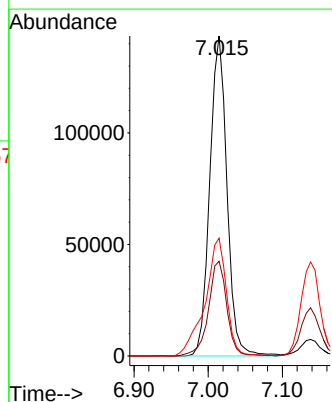
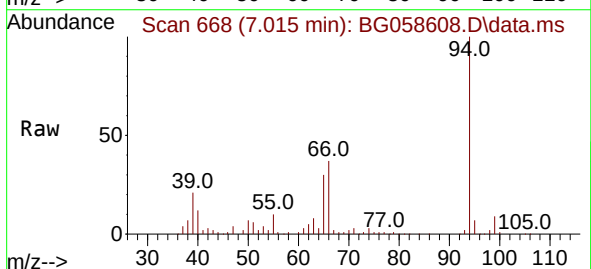
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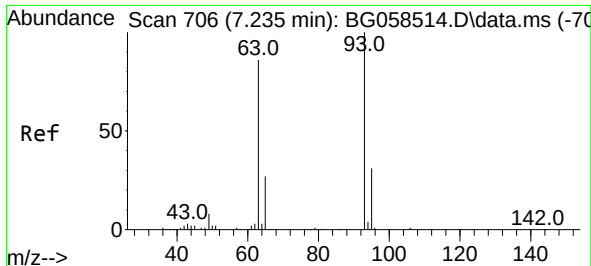
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#10
Phenol
Concen: 50.806 ng
RT: 7.015 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion: 94 Resp: 230833
Ion Ratio Lower Upper
94 100
65 29.6 10.4 50.4
66 36.8 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 45.664 ng

RT: 7.232 min Scan# 706

Delta R.T. -0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

Tgt Ion: 93 Resp: 16356

Ion Ratio Lower Upper

93 100

63 89.4 65.5 105.5

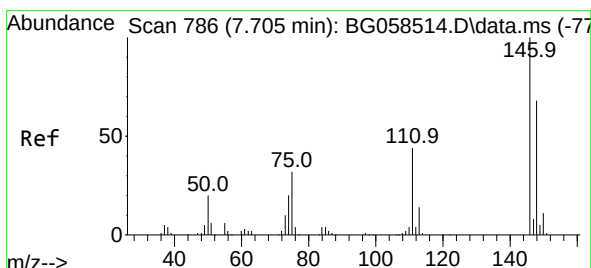
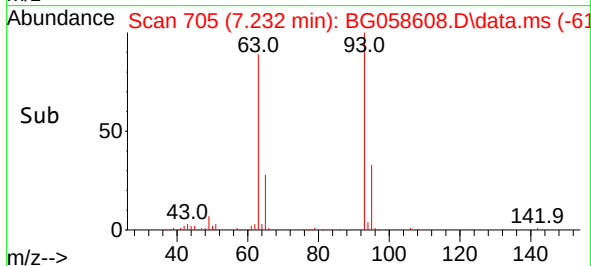
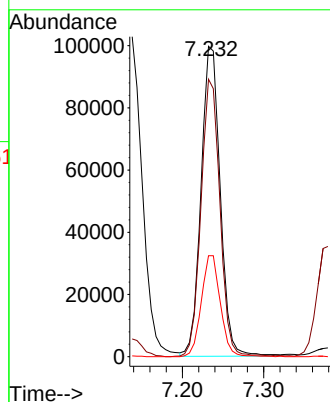
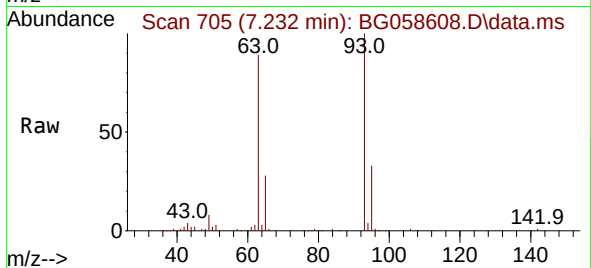
95 32.5 11.2 51.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#12

1,3-Dichlorobenzene

Concen: 47.956 ng

RT: 7.702 min Scan# 785

Delta R.T. -0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

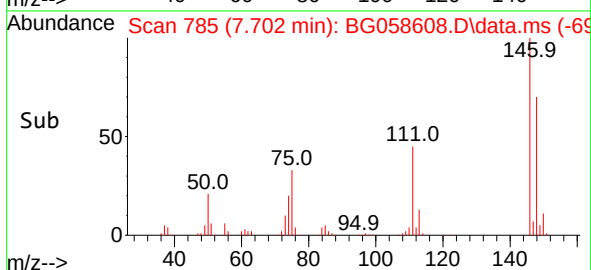
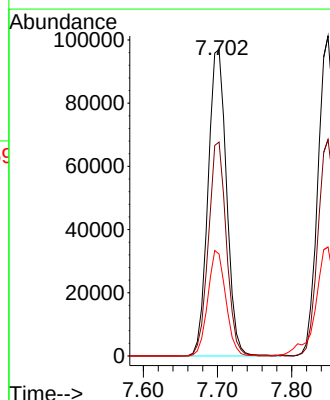
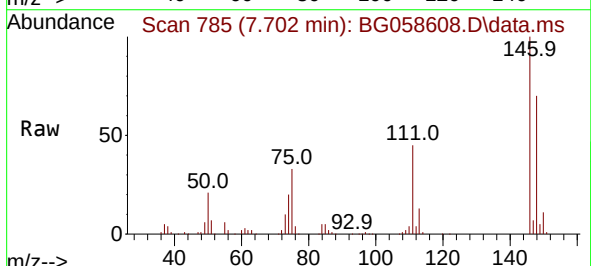
Tgt Ion:146 Resp: 167919

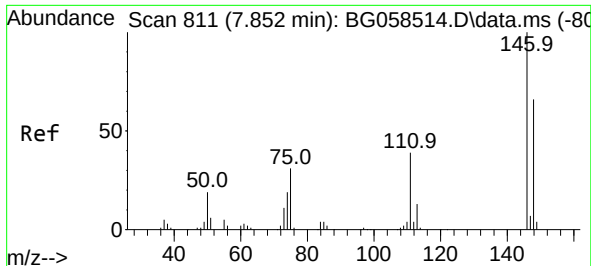
Ion Ratio Lower Upper

146 100

148 69.8 54.7 82.1

75 33.3 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 48.605 ng

RT: 7.849 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG058608.D

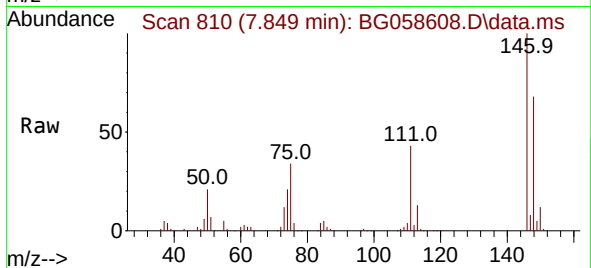
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD



Tgt Ion:146 Resp: 170880

Ion Ratio Lower Upper

146 100

148 67.7 52.8 79.2

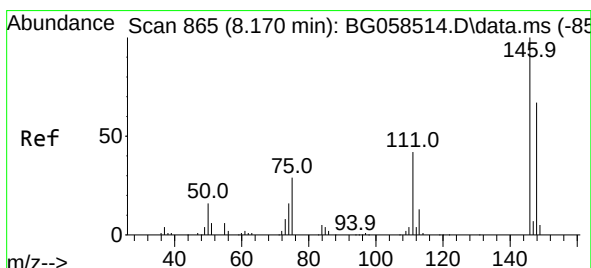
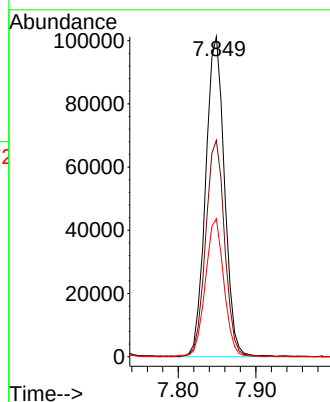
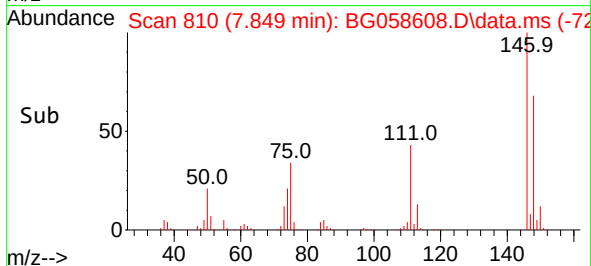
111 43.1 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#14

1,2-Dichlorobenzene

Concen: 49.834 ng

RT: 8.166 min Scan# 864

Delta R.T. -0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

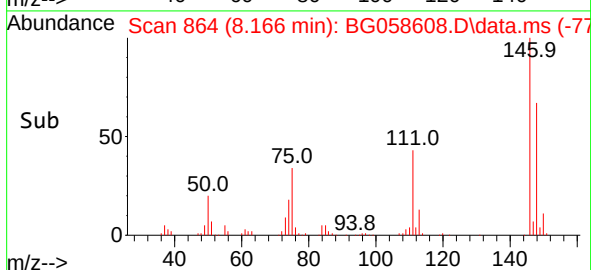
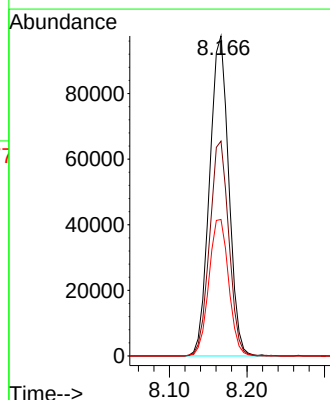
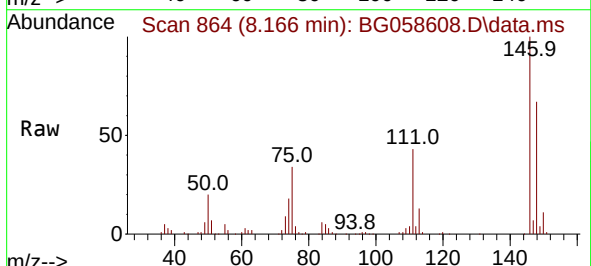
Tgt Ion:146 Resp: 167512

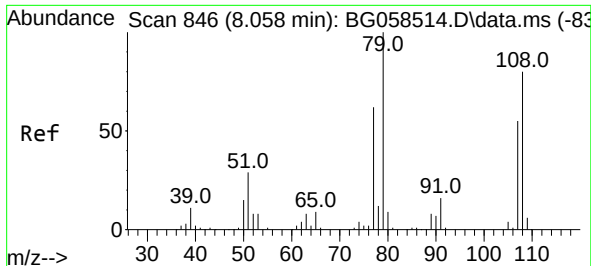
Ion Ratio Lower Upper

146 100

148 67.1 53.4 80.2

111 42.6 34.2 51.2





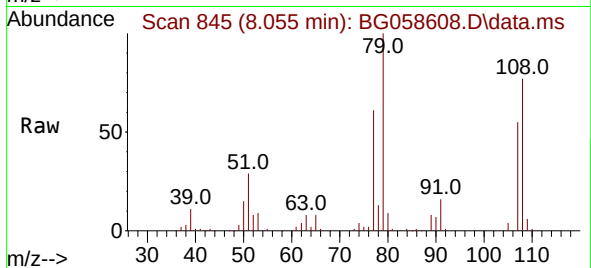
#15
Benzyl Alcohol
Concen: 52.151 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

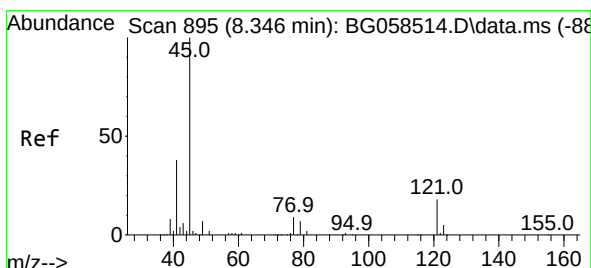
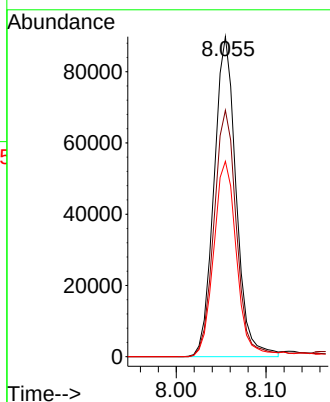
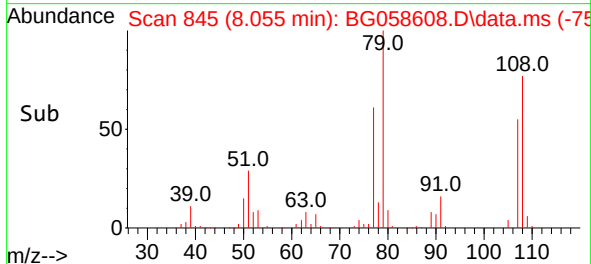
COMP-3MSD



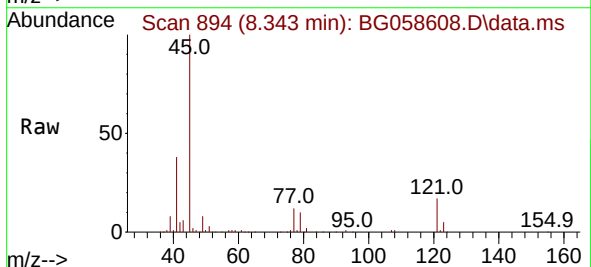
Tgt Ion: 79 Resp: 153820
Ion Ratio Lower Upper
79 100
108 77.0 63.8 95.6
77 61.1 49.8 74.6

Manual Integrations
APPROVED

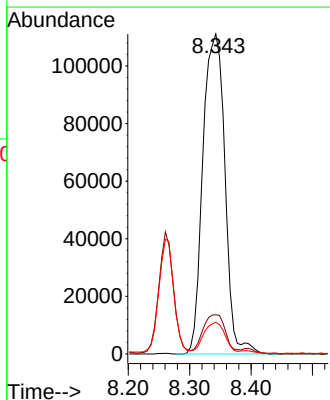
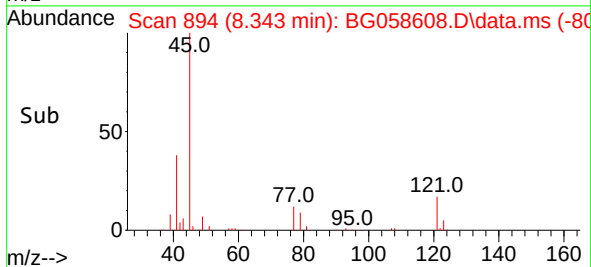
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

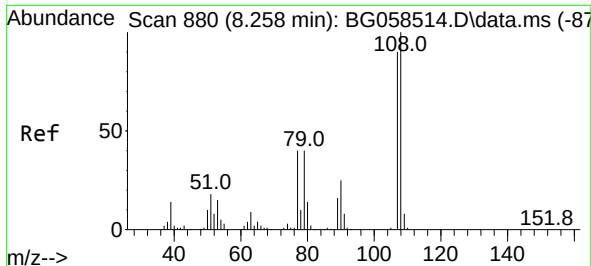


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.660 ng m
RT: 8.343 min Scan# 894
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion: 45 Resp: 277304
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.6
79 9.9 0.0 30.2





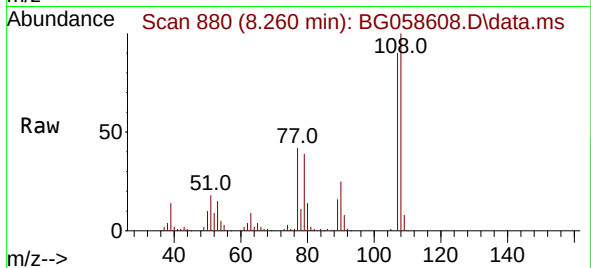
#17
2-Methylphenol
Concen: 46.454 ng
RT: 8.260 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

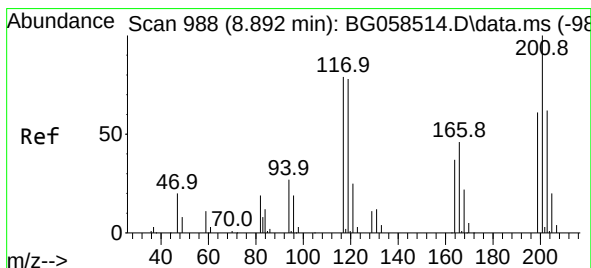
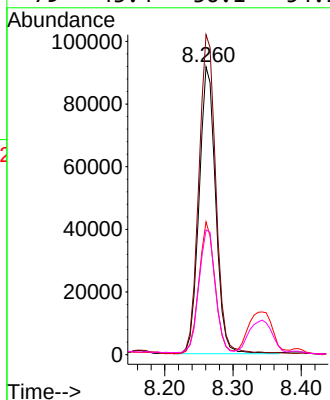
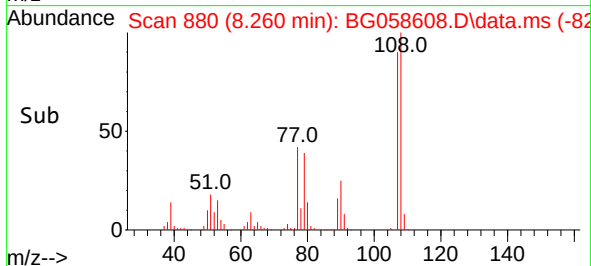


Tgt Ion:107 Resp: 154324
Ion Ratio Lower Upper
107 100
108 111.1 89.1 133.7
77 46.1 36.2 54.4
79 43.4 36.1 54.1

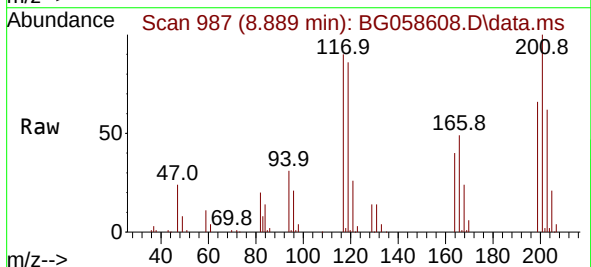
Manual Integrations

APPROVED

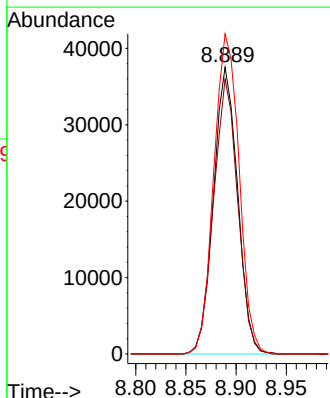
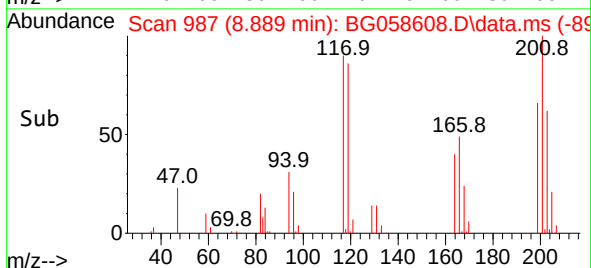
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

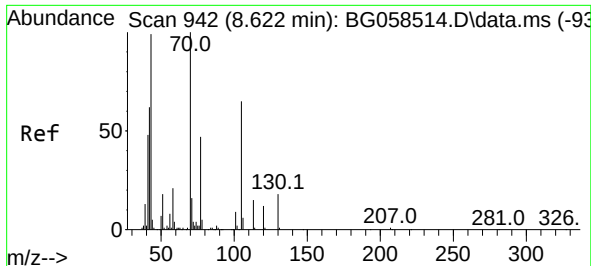


#18
Hexachloroethane
Concen: 49.041 ng
RT: 8.889 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



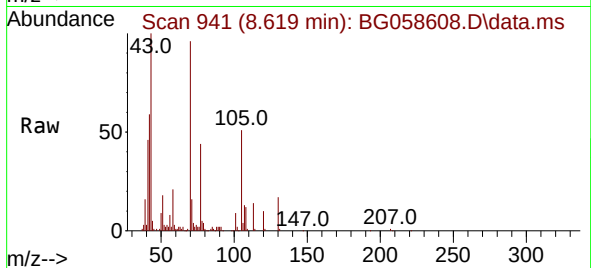
Tgt Ion:117 Resp: 62670
Ion Ratio Lower Upper
117 100
119 95.8 78.6 117.8
201 111.6 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.268 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

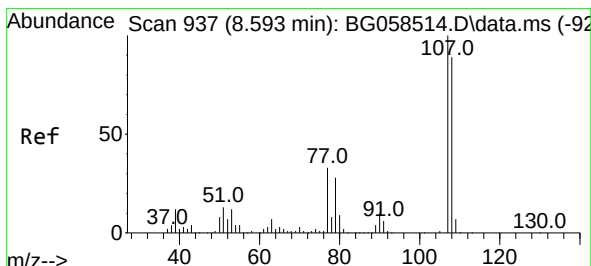
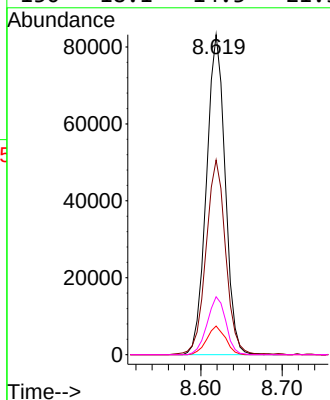
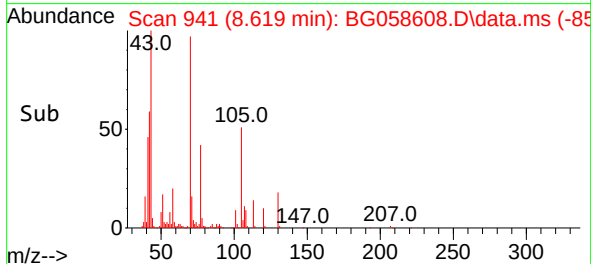
Instrument :
BNA_G
ClientSampleId :
COMP-3MSD



Tgt Ion: 70 Resp: 132990
Ion Ratio Lower Upper
70 100
42 60.8 49.7 74.5
101 9.0 7.0 10.4
130 18.1 14.3 21.5

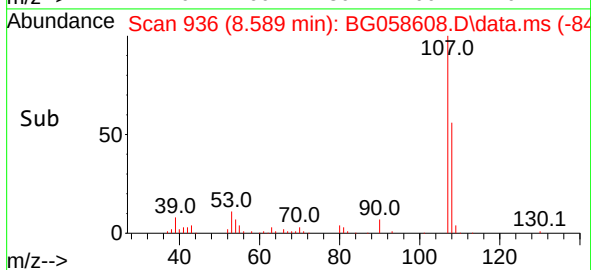
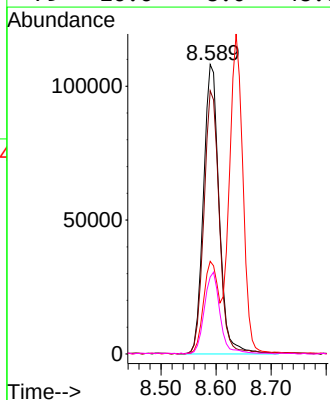
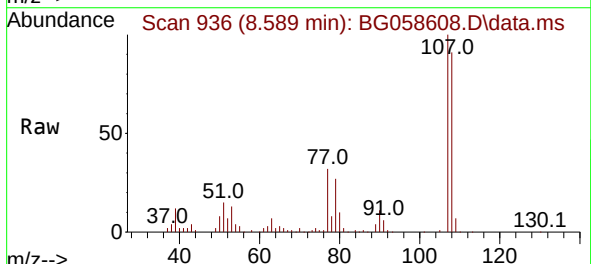
Manual Integrations
APPROVED

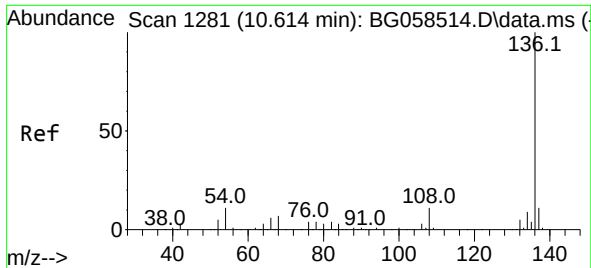
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#20
3+4-Methylphenols
Concen: 47.769 ng
RT: 8.589 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:107 Resp: 214653
Ion Ratio Lower Upper
107 100
108 90.9 69.4 109.4
77 32.0 13.0 53.0
79 26.6 8.0 48.0





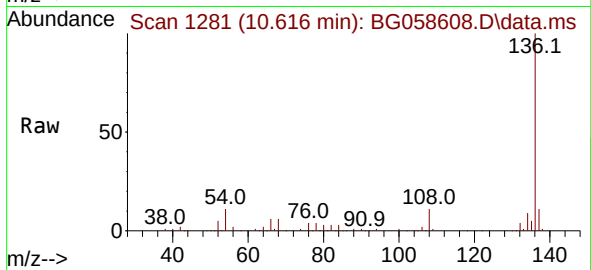
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

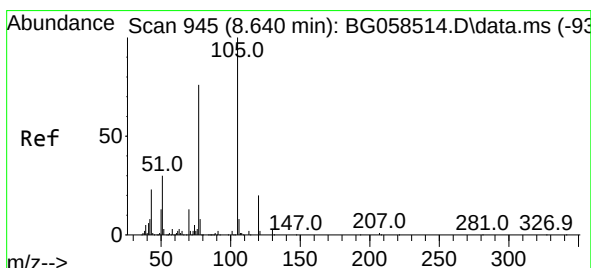
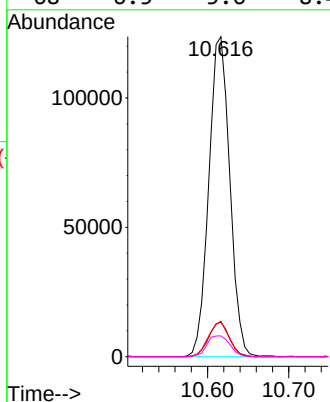
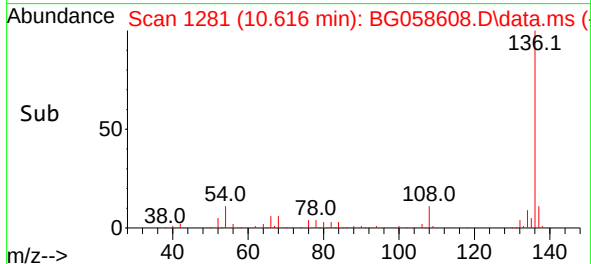


Tgt Ion:136 Resp: 222054
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.1 8.9 13.3
68 6.5 5.6 8.4

Manual Integrations

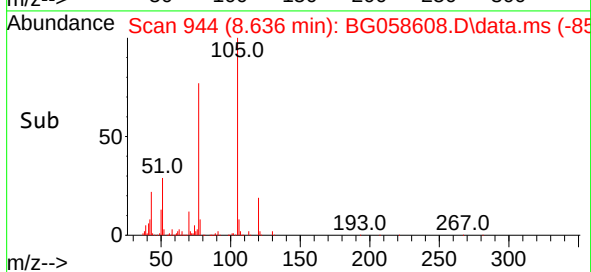
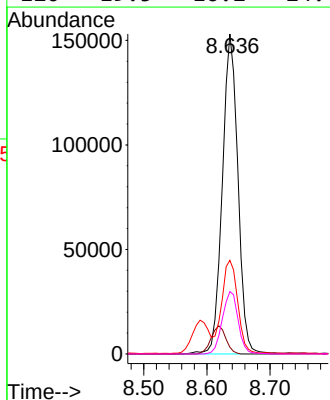
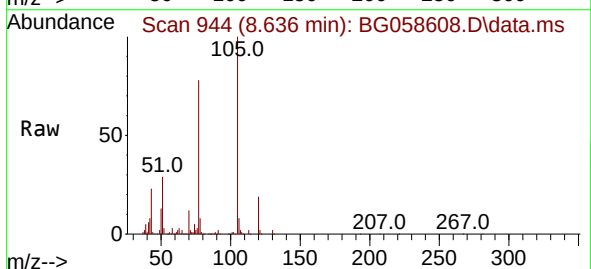
APPROVED

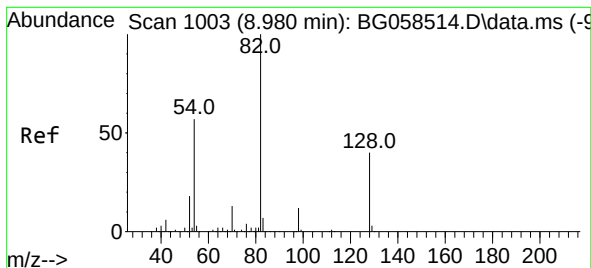
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#22
Acetophenone
Concen: 44.158 ng
RT: 8.636 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:105 Resp: 262554
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 29.3 24.2 36.2
120 19.5 16.2 24.4





#23

Nitrobenzene-d5

Concen: 60.114 ng

RT: 8.977 min Scan# 1002

Delta R.T. -0.003 min

Lab File: BG058608.D

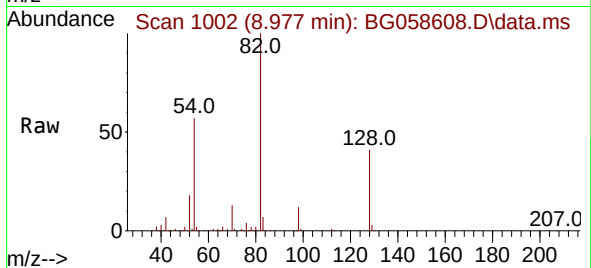
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD



Tgt Ion: 82 Resp: 271720

Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.2

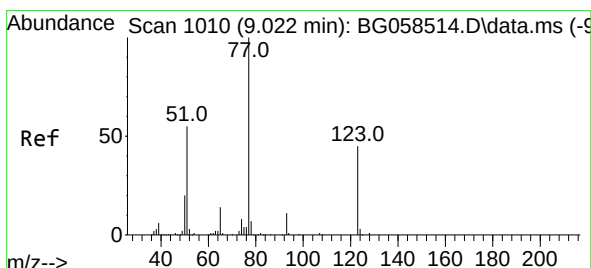
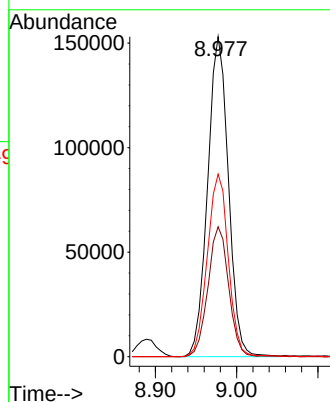
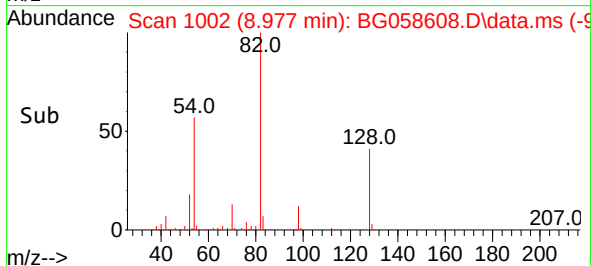
54 57.0 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#24

Nitrobenzene

Concen: 43.647 ng

RT: 9.018 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

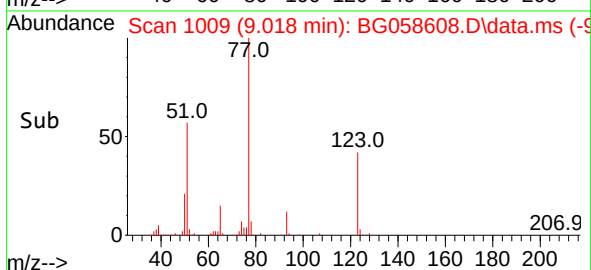
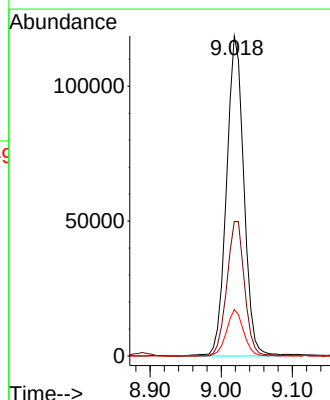
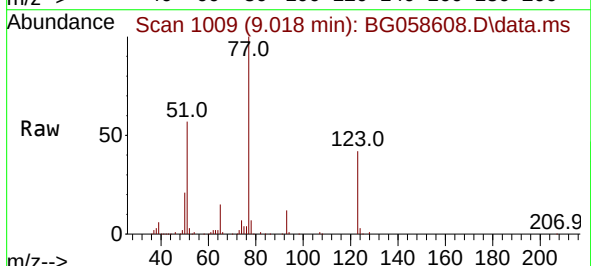
Tgt Ion: 77 Resp: 200571

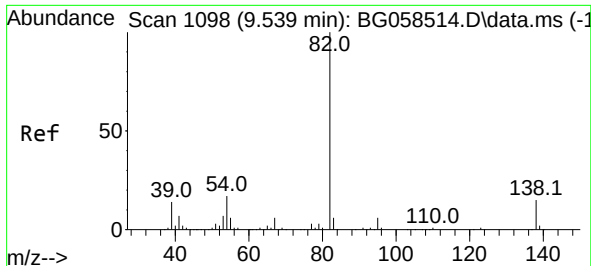
Ion Ratio Lower Upper

77 100

123 42.0 35.6 53.4

65 14.5 11.4 17.0





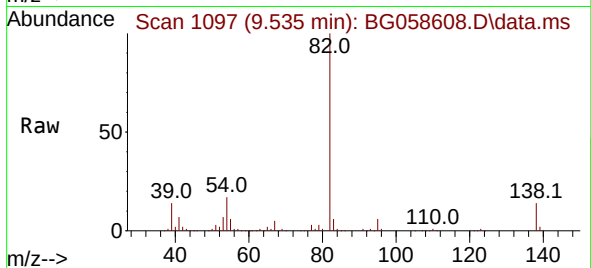
#25
Isophorone
Concen: 40.913 ng
RT: 9.535 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

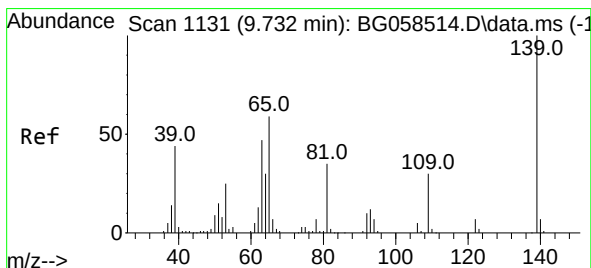
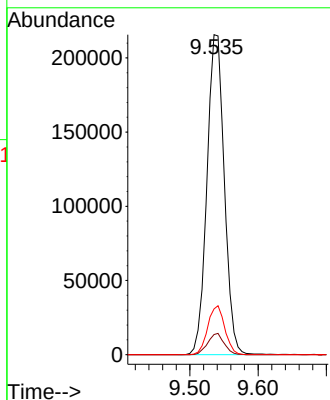
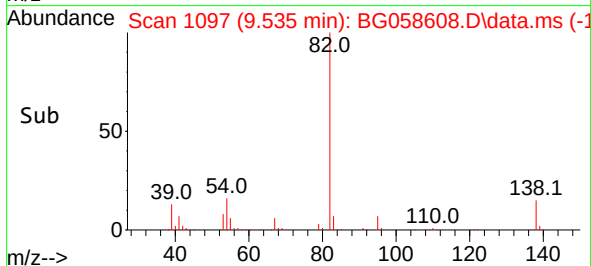


Tgt Ion: 82 Resp: 382100
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 14.3 11.9 17.9

Manual Integrations

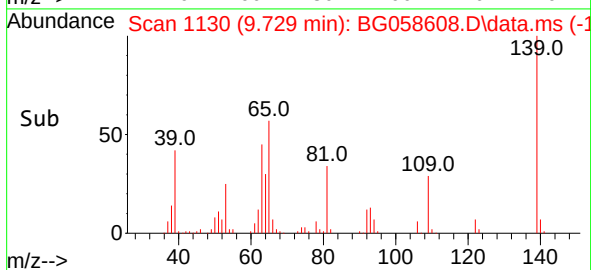
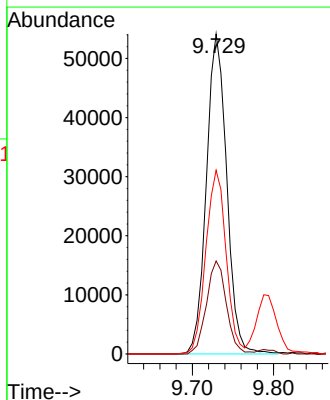
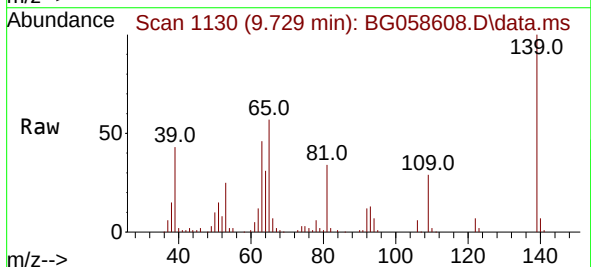
APPROVED

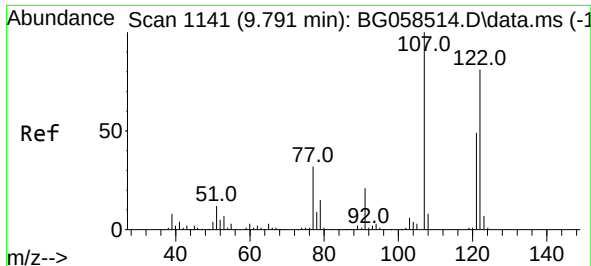
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#26
2-Nitrophenol
Concen: 46.997 ng
RT: 9.729 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:139 Resp: 94010
Ion Ratio Lower Upper
139 100
109 29.0 24.2 36.2
65 57.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 45.672 ng

RT: 9.794 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG058608.D

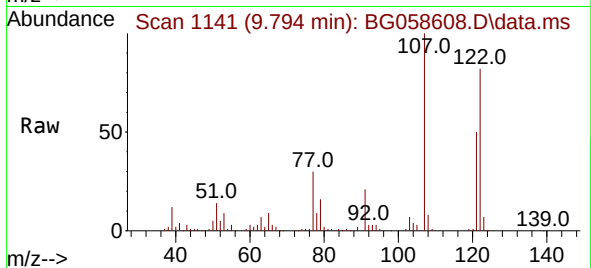
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD



Tgt Ion:122 Resp: 15154

Ion Ratio Lower Upper

122 100

107 121.5 98.0 147.0

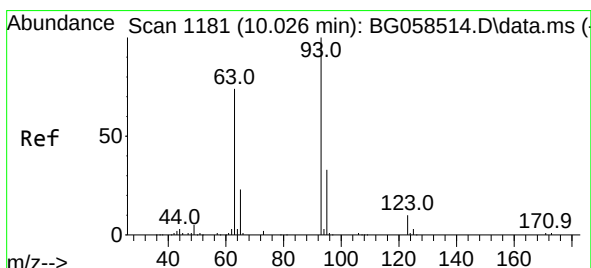
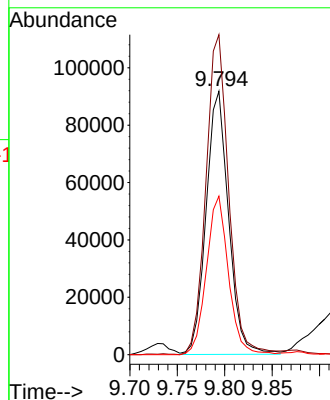
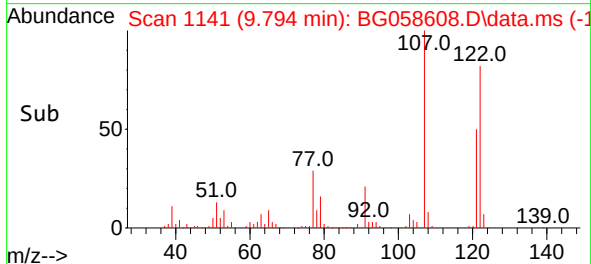
121 60.2 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.030 ng

RT: 10.023 min Scan# 1180

Delta R.T. -0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

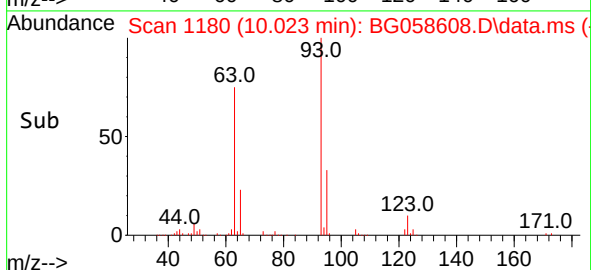
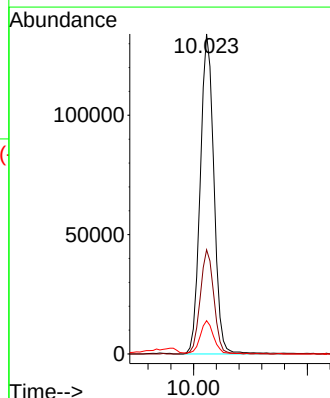
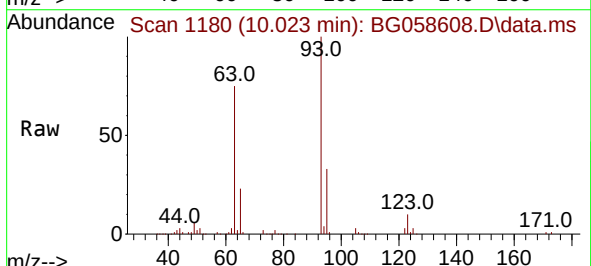
Tgt Ion: 93 Resp: 223789

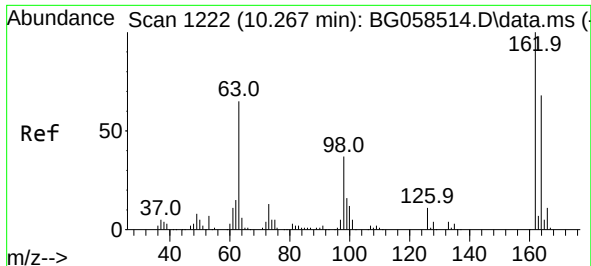
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 10.4 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 48.491 ng

RT: 10.270 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

Tgt Ion:162 Resp: 167054

Ion Ratio Lower Upper

162 100

164 69.2 47.6 87.6

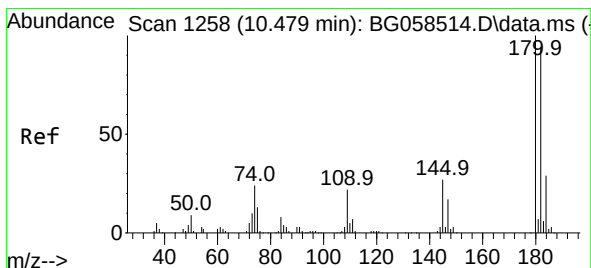
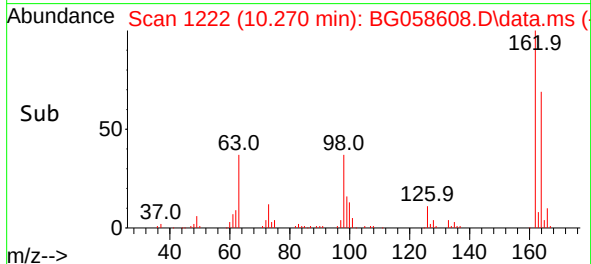
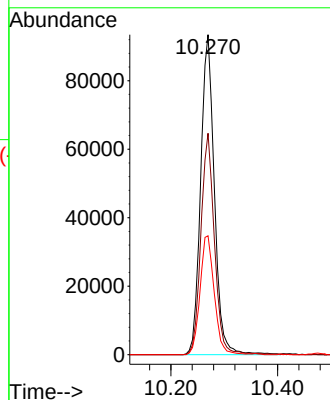
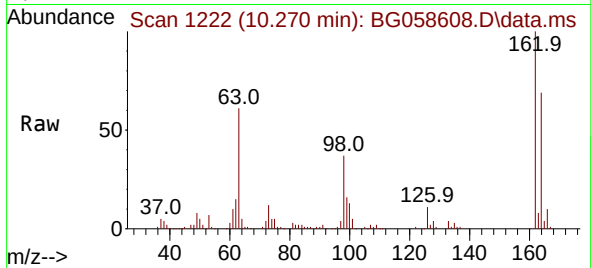
98 37.1 17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.840 ng

RT: 10.475 min Scan# 1257

Delta R.T. -0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

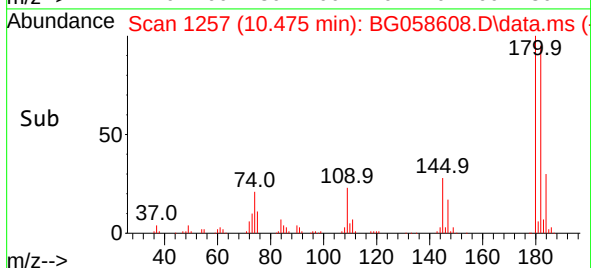
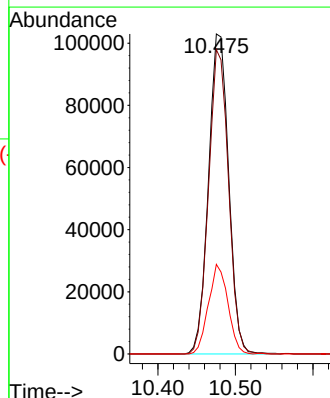
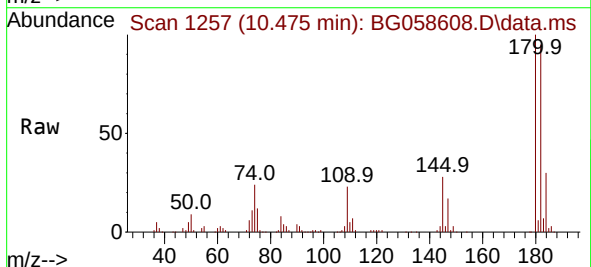
Tgt Ion:180 Resp: 186095

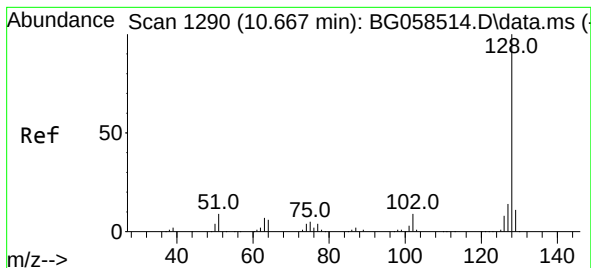
Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.4

145 28.0 21.9 32.9





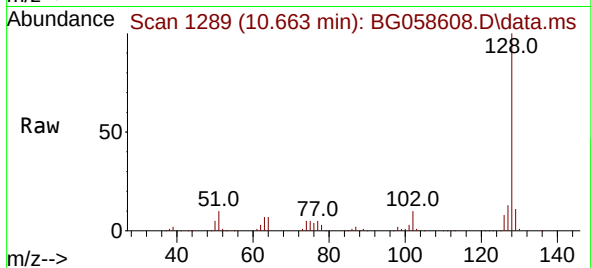
#31
Naphthalene
Concen: 44.284 ng
RT: 10.663 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

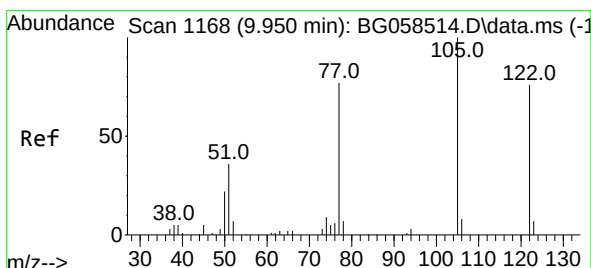
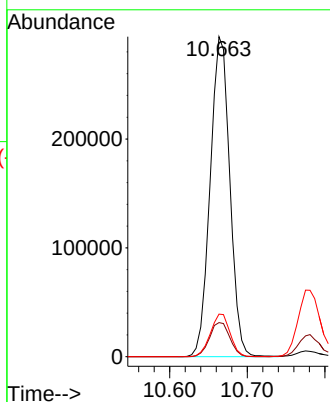
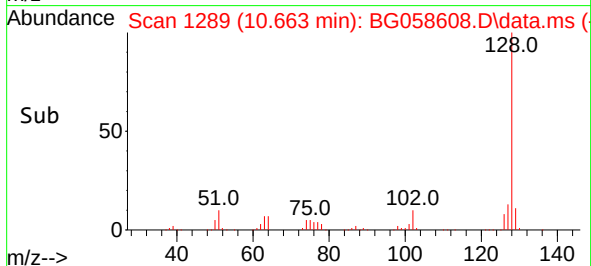


Tgt Ion:128 Resp: 51827
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.3 10.9 16.3

Manual Integrations

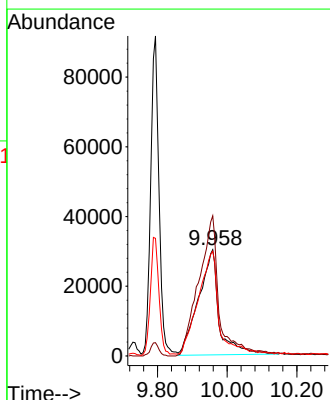
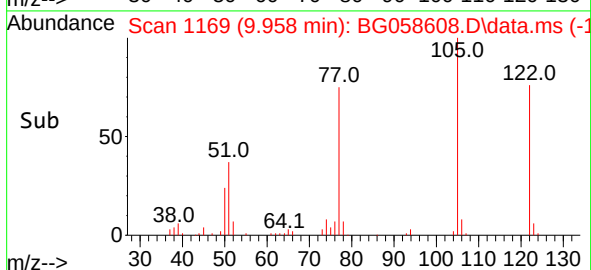
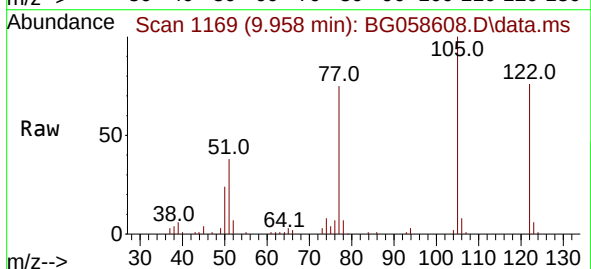
APPROVED

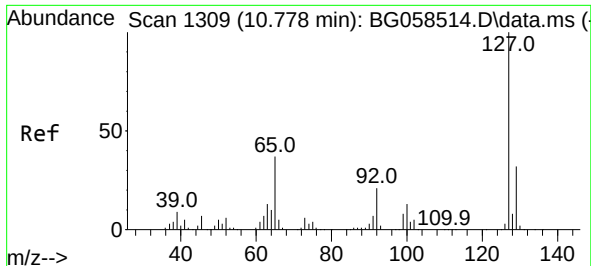
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#32
Benzoic acid
Concen: 48.891 ng
RT: 9.958 min Scan# 1169
Delta R.T. 0.008 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:122 Resp: 124079
Ion Ratio Lower Upper
122 100
105 132.0 106.5 146.5
77 98.6 78.1 118.1





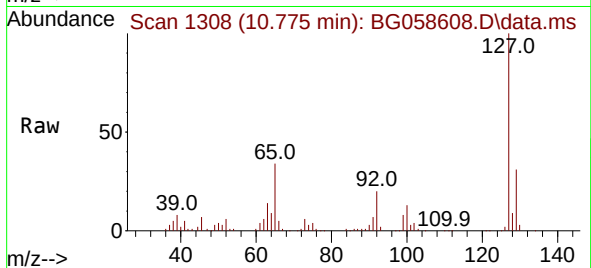
#33
4-Chloroaniline
Concen: 25.695 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

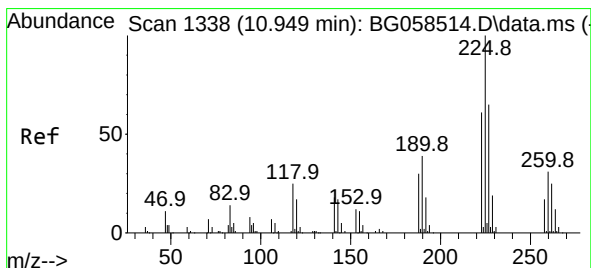
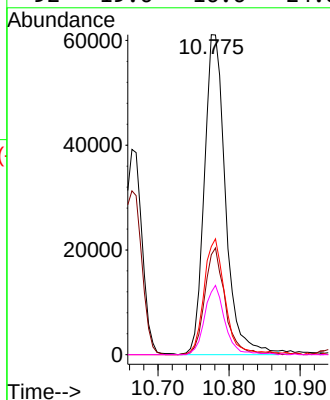
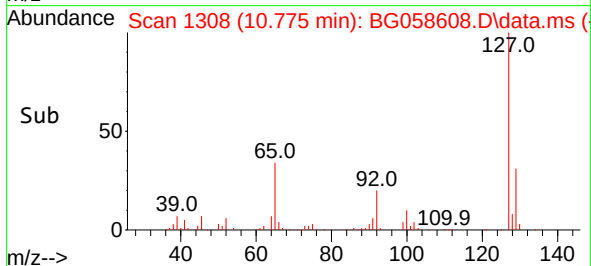


Tgt Ion:127 Resp: 127058
Ion Ratio Lower Upper
127 100
129 31.2 25.4 38.2
65 33.8 29.5 44.3
92 19.6 16.6 24.8

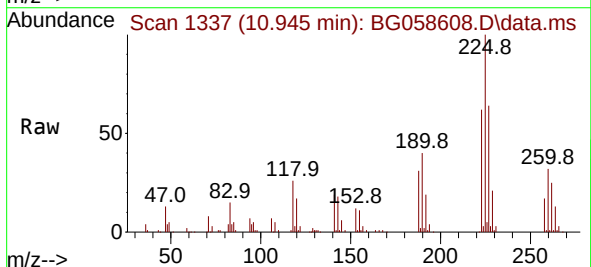
Manual Integrations

APPROVED

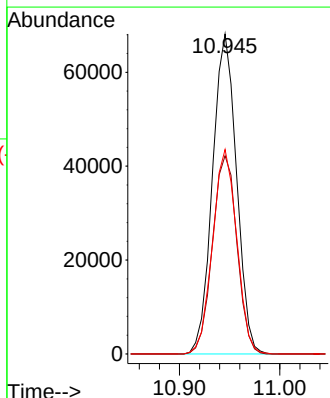
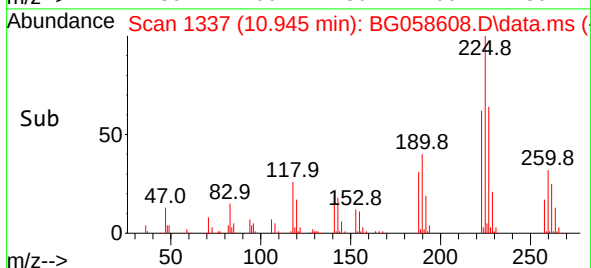
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

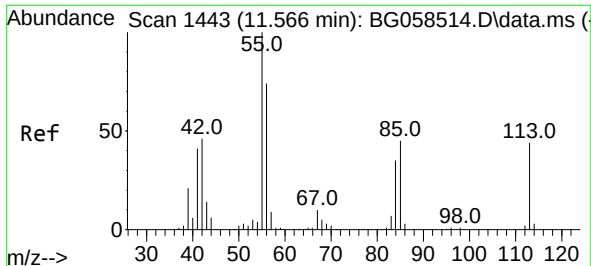


#34
Hexachlorobutadiene
Concen: 44.256 ng
RT: 10.945 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:225 Resp: 113233
Ion Ratio Lower Upper
225 100
223 62.0 49.0 73.6
227 63.9 51.7 77.5





#35
Caprolactam
Concen: 42.830 ng m
RT: 11.568 min Scan# 1443
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

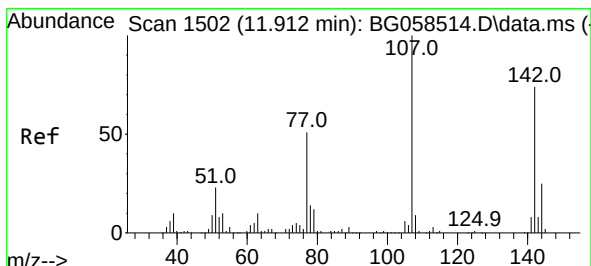
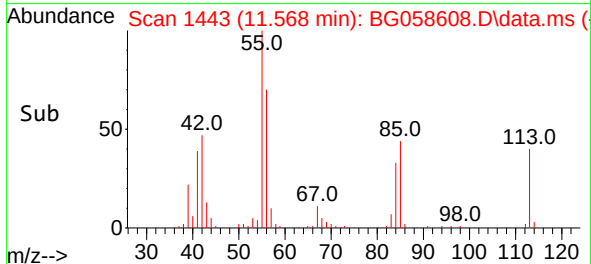
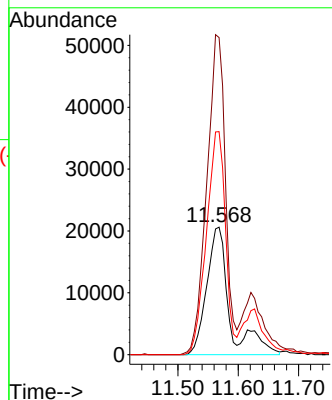
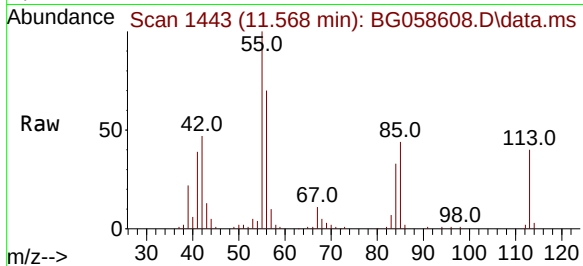
COMP-3MSD

Tgt Ion:113 Resp: 5448
Ion Ratio Lower Upper
113 100
55 248.7 208.0 248.0
56 174.9 148.6 188.6

Manual Integrations

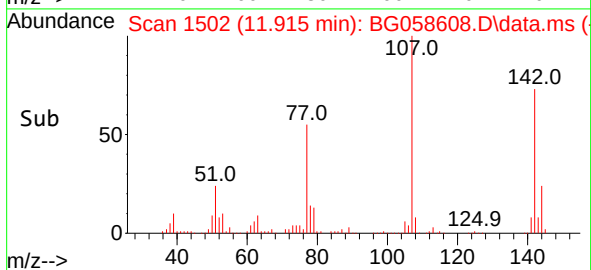
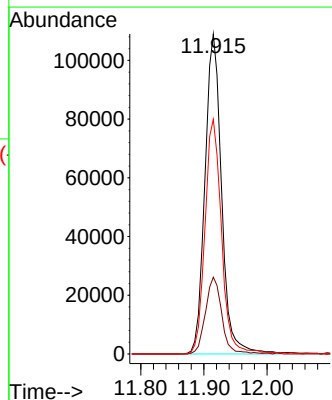
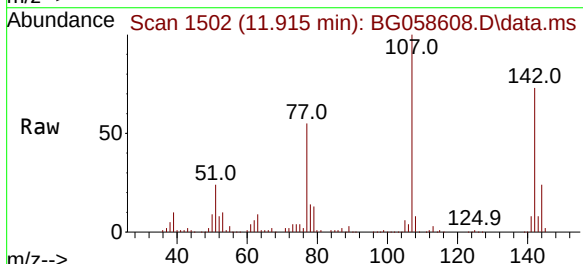
APPROVED

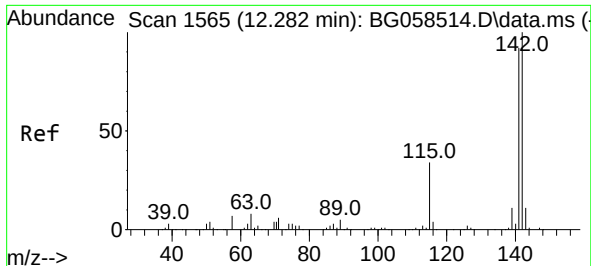
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#36
4-Chloro-3-methylphenol
Concen: 46.628 ng
RT: 11.915 min Scan# 1502
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:107 Resp: 198714
Ion Ratio Lower Upper
107 100
144 24.0 19.6 29.4
142 73.3 59.3 88.9





#37

2-Methylnaphthalene

Concen: 42.629 ng

RT: 12.279 min Scan# 1564

Delta R.T. -0.003 min

Lab File: BG058608.D

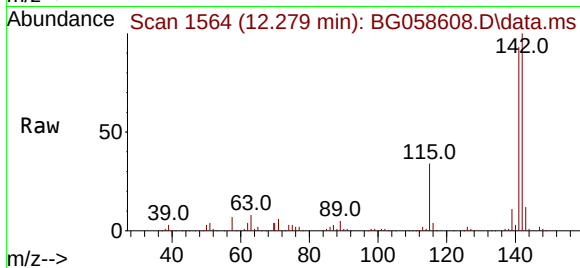
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD



Tgt Ion:142 Resp: 356880

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3

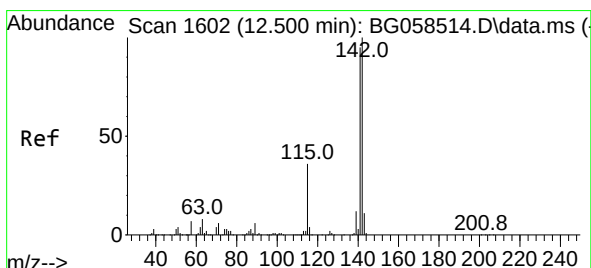
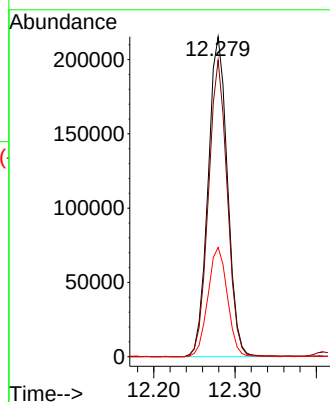
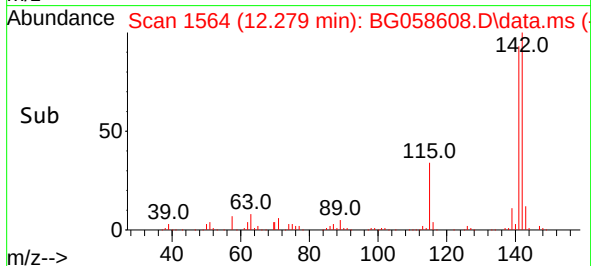
115 34.1 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023

Supervised By :mohammad ahmed 08/07/2023



#38

1-Methylnaphthalene

Concen: 43.009 ng

RT: 12.502 min Scan# 1602

Delta R.T. 0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

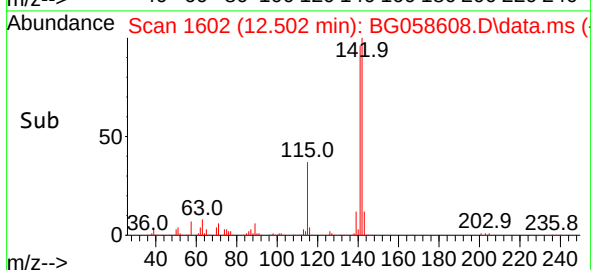
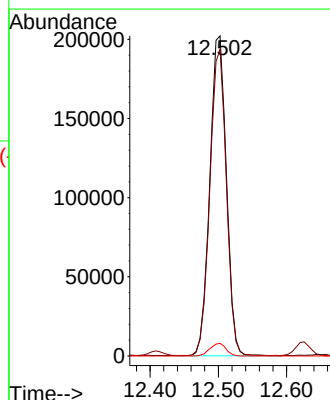
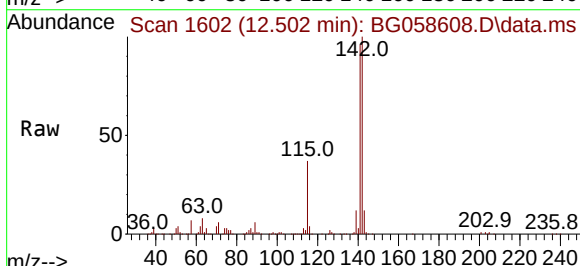
Tgt Ion:142 Resp: 342267

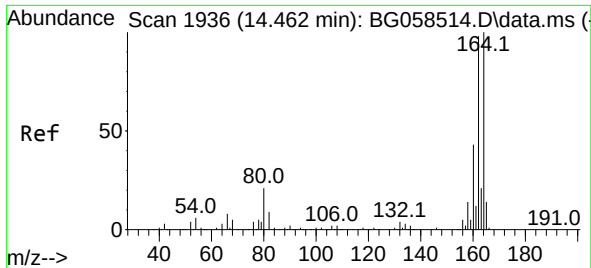
Ion Ratio Lower Upper

142 100

141 95.8 75.7 113.5

116 3.9 3.2 4.8





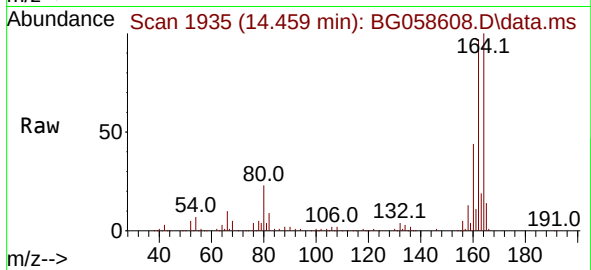
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

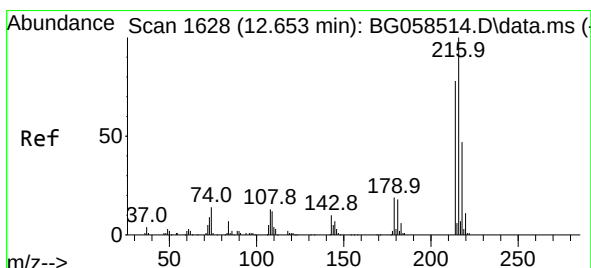
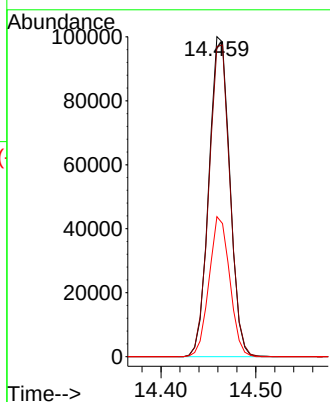
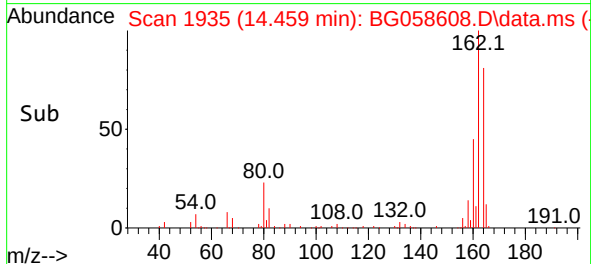


Tgt Ion:164 Resp: 153509
Ion Ratio Lower Upper
164 100
162 96.9 78.3 117.5
160 43.8 34.1 51.1

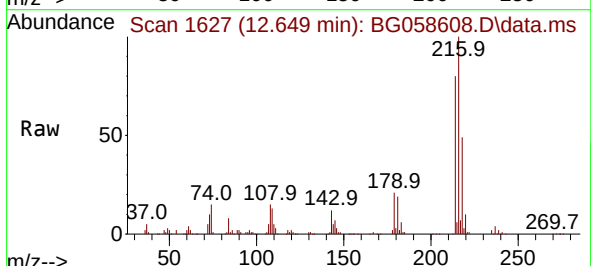
Manual Integrations

APPROVED

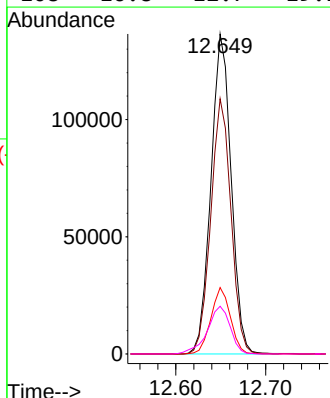
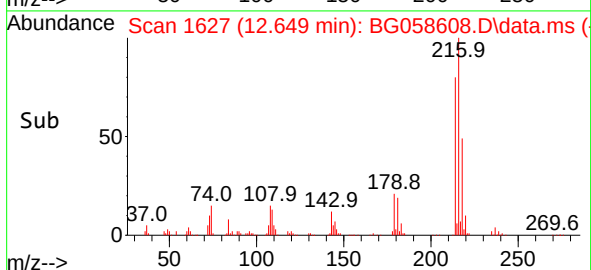
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

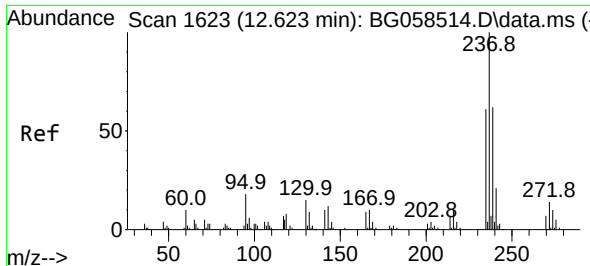


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.283 ng
RT: 12.649 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:216 Resp: 213413
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 20.0 15.6 23.4
108 16.8 12.7 19.1





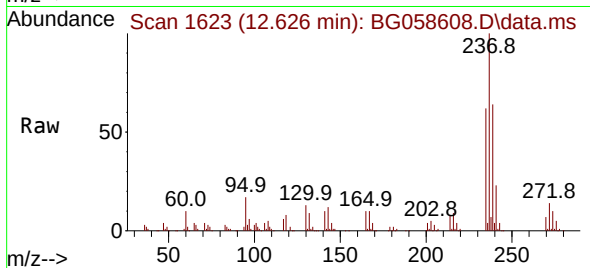
#41
Hexachlorocyclopentadiene
Concen: 63.055 ng
RT: 12.626 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

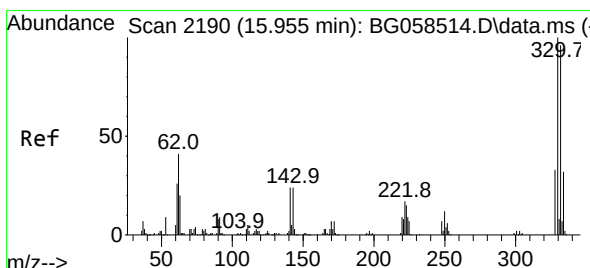
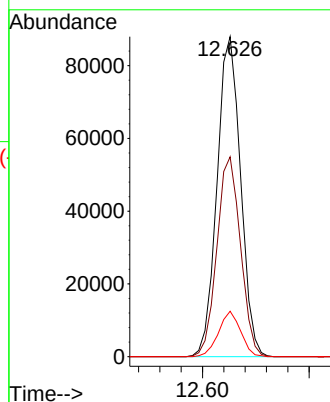
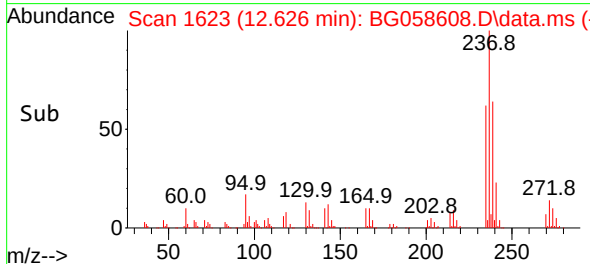


Tgt Ion:237 Resp: 13457
Ion Ratio Lower Upper
237 100
235 62.4 41.0 81.0
272 14.2 0.0 33.6

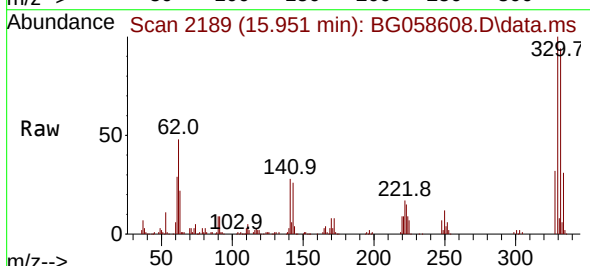
Manual Integrations

APPROVED

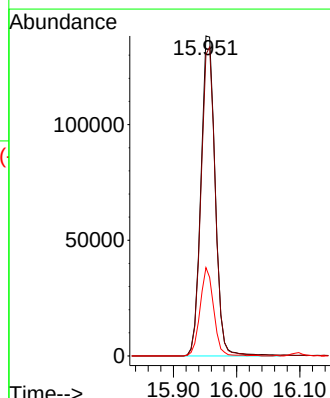
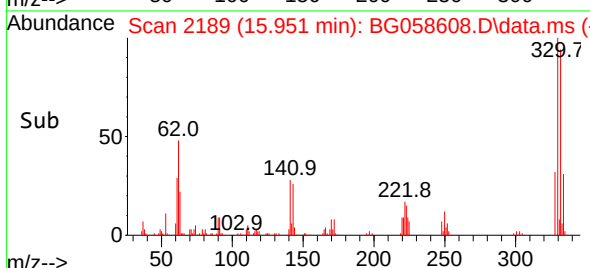
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

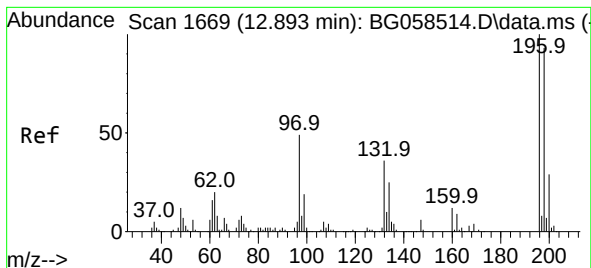


#42
2,4,6-Tribromophenol
Concen: 85.873 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:330 Resp: 216067
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 26.3 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 47.376 ng
RT: 12.896 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

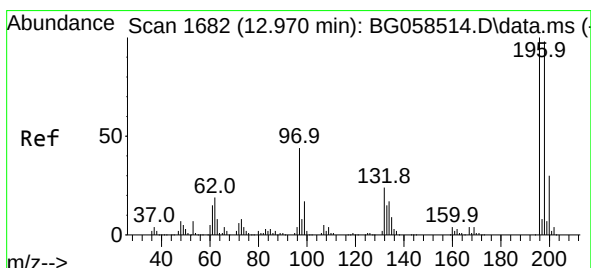
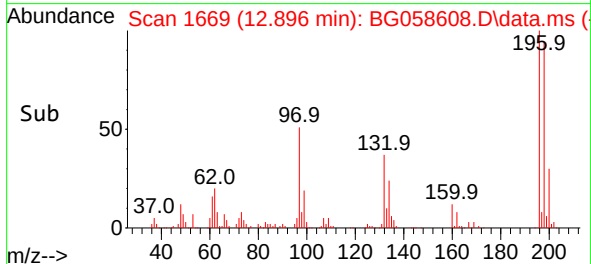
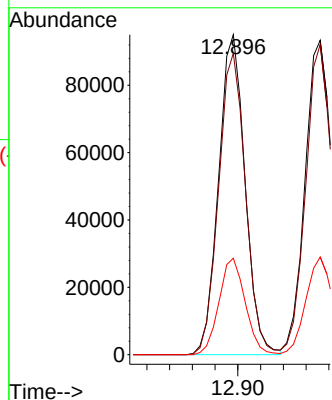
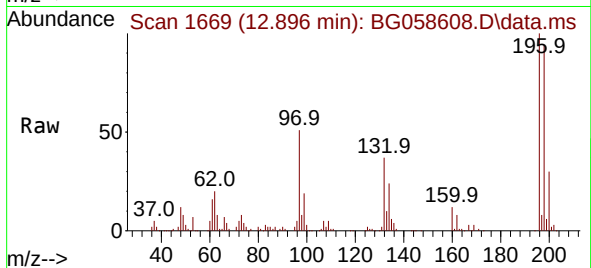
COMP-3MSD

Tgt Ion:196 Resp: 153572
Ion Ratio Lower Upper
196 100
198 94.2 74.2 111.4
200 30.1 22.9 34.3

Manual Integrations

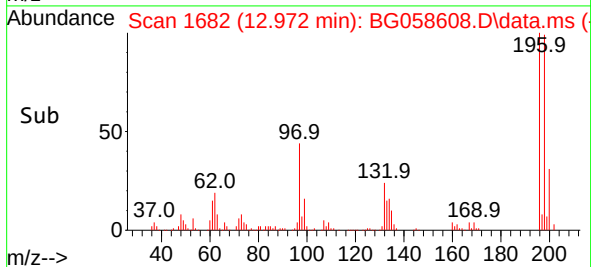
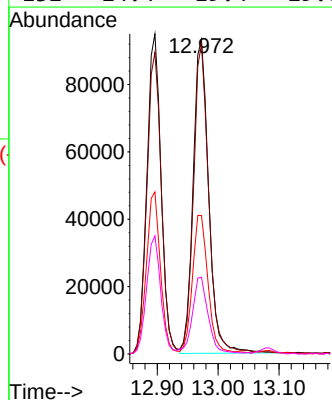
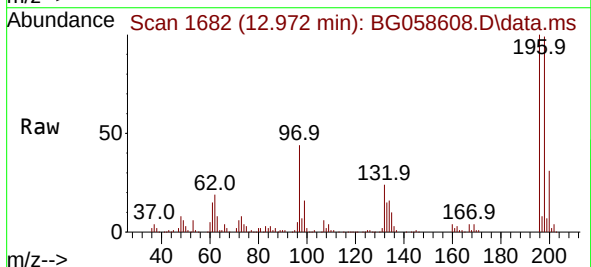
APPROVED

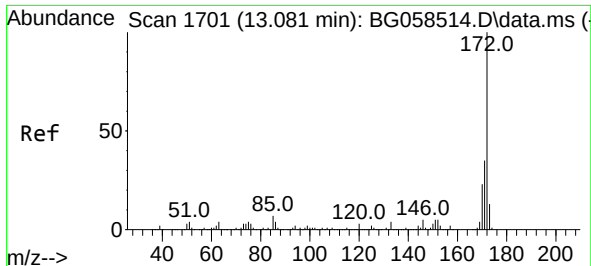
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#44
2,4,5-Trichlorophenol
Concen: 43.313 ng
RT: 12.972 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:196 Resp: 165374
Ion Ratio Lower Upper
196 100
198 98.6 78.3 117.5
97 44.0 35.2 52.8
132 24.4 19.4 29.0





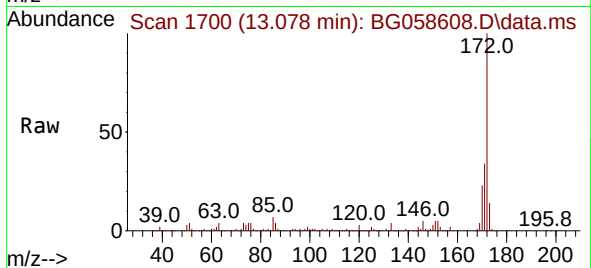
#45
2-Fluorobiphenyl
Concen: 59.309 ng
RT: 13.078 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

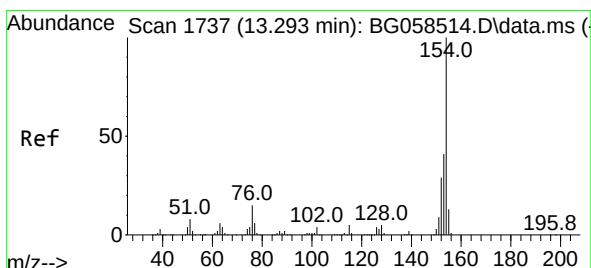
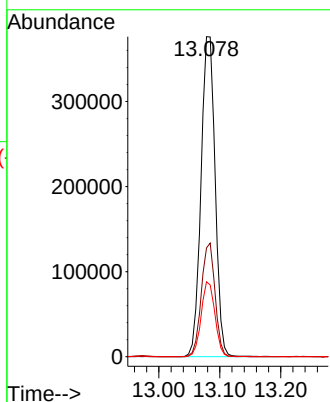
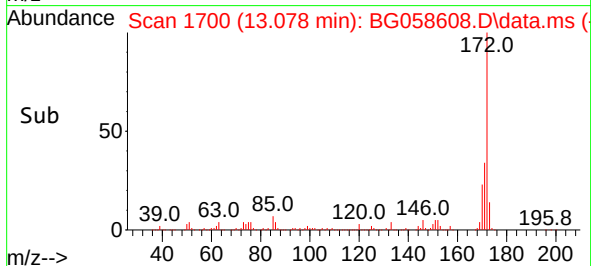


Tgt Ion:172 Resp: 60753
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 23.4 18.4 27.6

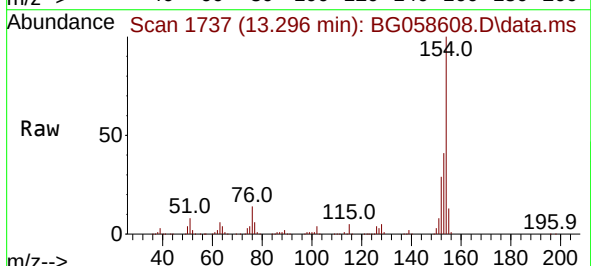
Manual Integrations

APPROVED

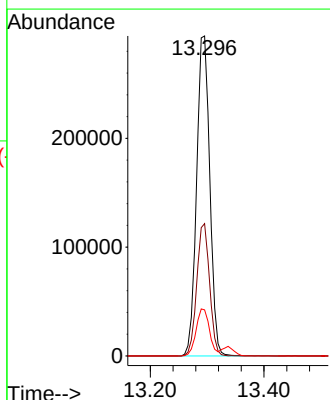
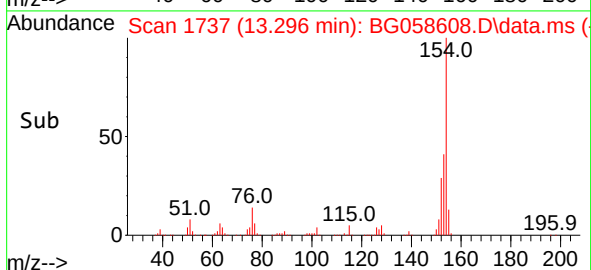
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

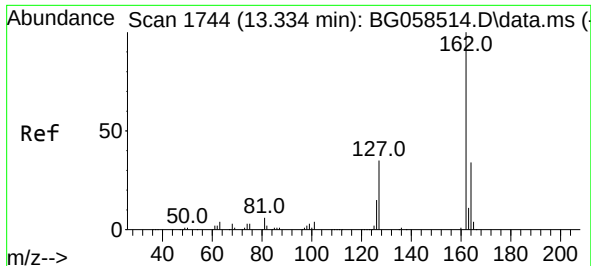


#46
1,1'-Biphenyl
Concen: 45.031 ng
RT: 13.296 min Scan# 1737
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



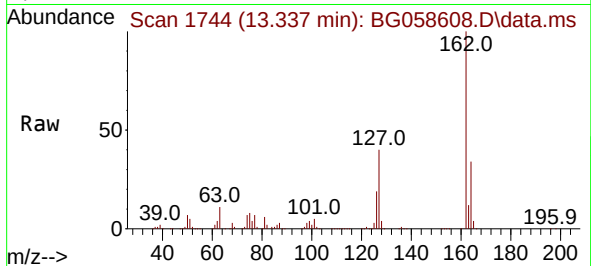
Tgt Ion:154 Resp: 474724
Ion Ratio Lower Upper
154 100
153 41.4 21.2 61.2
76 14.4 0.0 34.7





#47
2-Chloronaphthalene
Concen: 46.530 ng
RT: 13.337 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

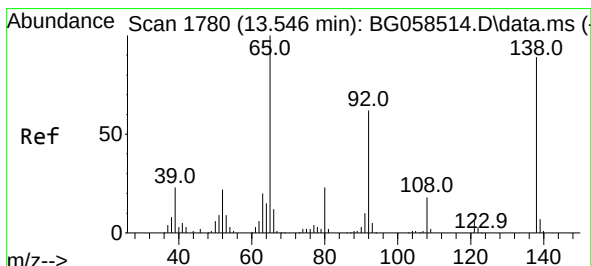
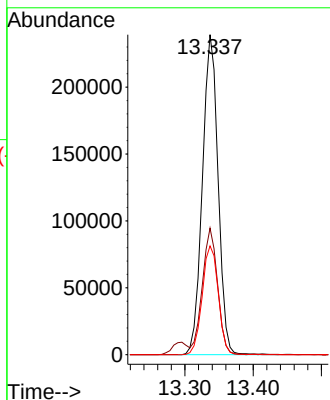
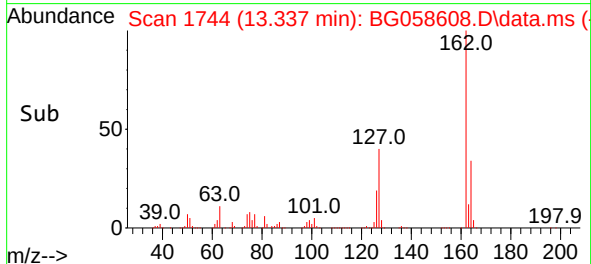
Instrument :
BNA_G
ClientSampleId :
COMP-3MSD



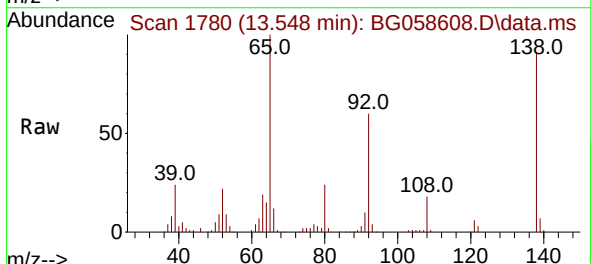
Tgt Ion:162 Resp: 38246
Ion Ratio Lower Upper
162 100
127 39.6 30.9 46.3
164 34.0 27.2 40.8

Manual Integrations
APPROVED

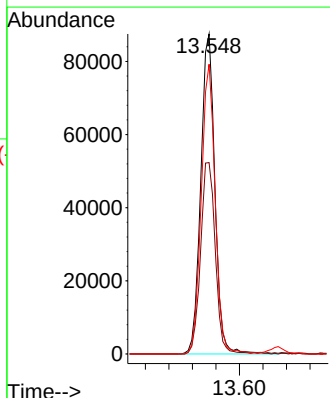
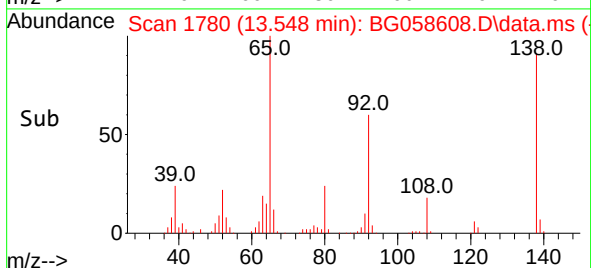
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

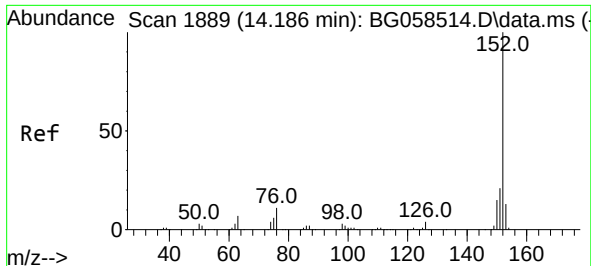


#48
2-Nitroaniline
Concen: 46.549 ng
RT: 13.548 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion: 65 Resp: 146045
Ion Ratio Lower Upper
65 100
92 59.8 49.2 73.8
138 90.5 71.5 107.3





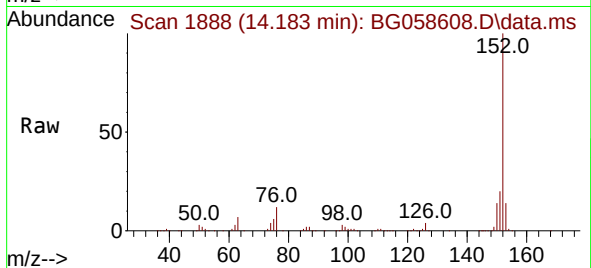
#49
Acenaphthylene
Concen: 45.703 ng
RT: 14.183 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

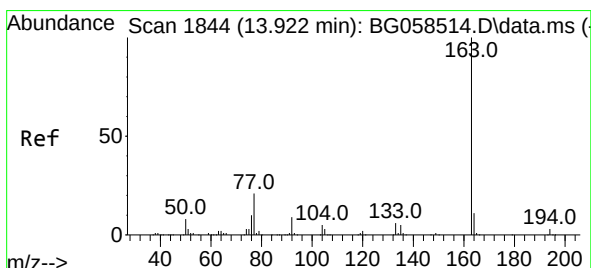
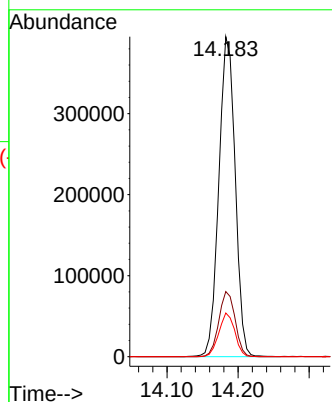
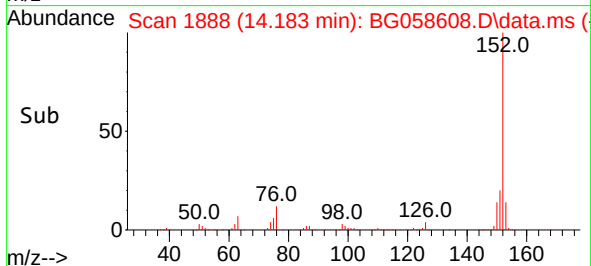


Tgt Ion:152 Resp: 62896
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.6 10.7 16.1

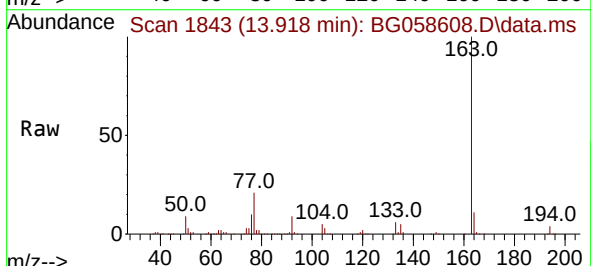
Manual Integrations

APPROVED

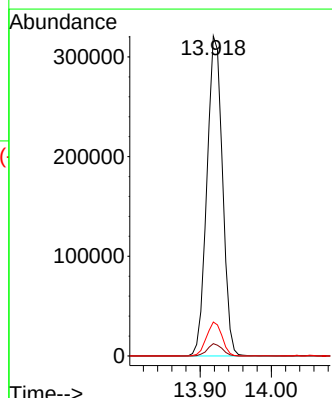
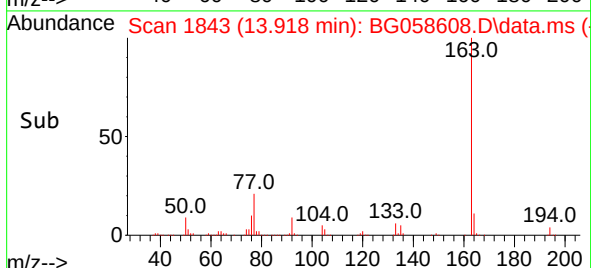
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

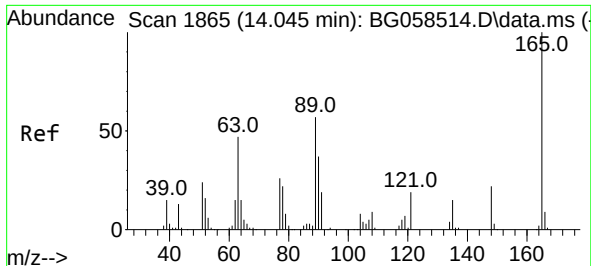


#50
Dimethylphthalate
Concen: 42.445 ng
RT: 13.918 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:163 Resp: 489348
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 8.6 12.8





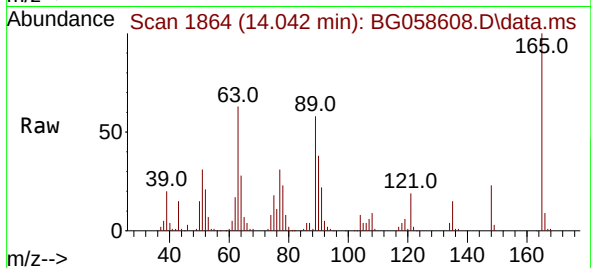
#51
2,6-Dinitrotoluene
Concen: 44.320 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

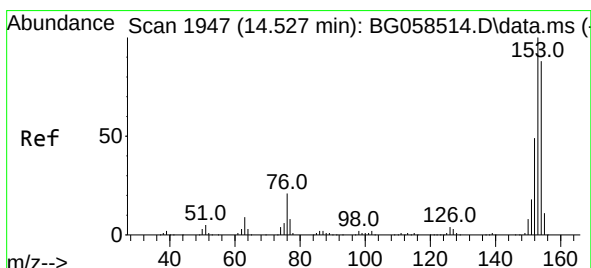
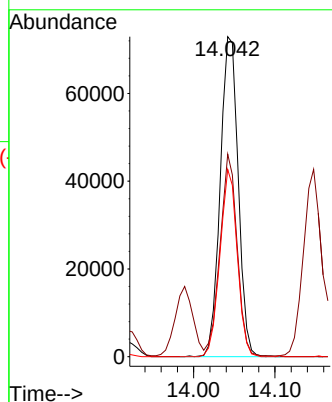
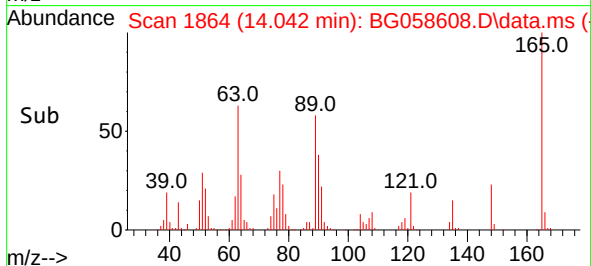


Tgt Ion:165 Resp: 11211
Ion Ratio Lower Upper
165 100
63 63.3 46.4 69.6
89 58.5 45.3 67.9

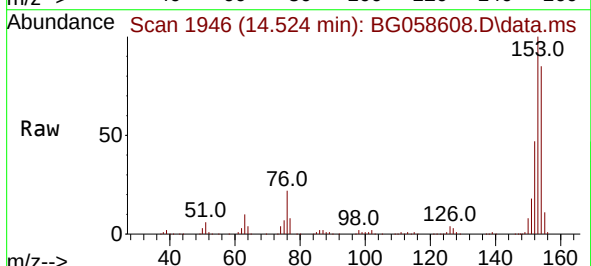
Manual Integrations

APPROVED

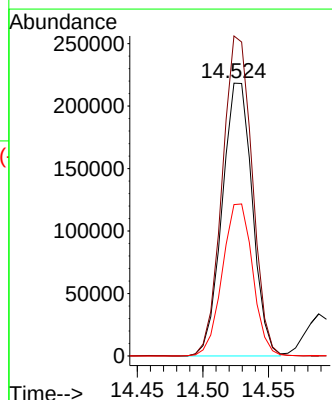
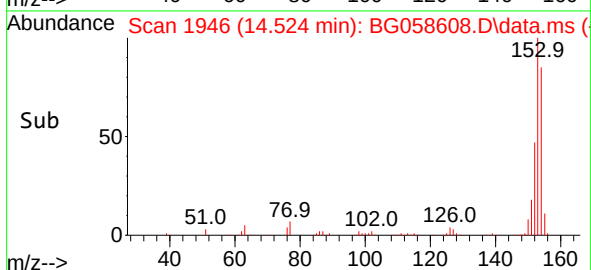
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

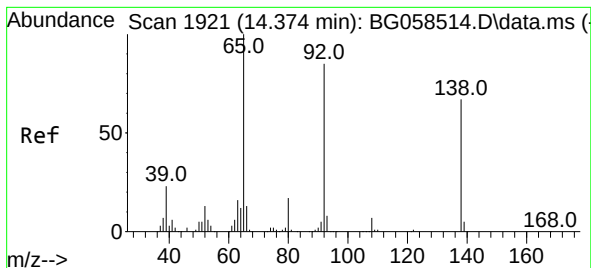


#52
Acenaphthene
Concen: 43.928 ng
RT: 14.524 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:154 Resp: 349313
Ion Ratio Lower Upper
154 100
153 117.3 91.1 136.7
152 55.5 44.6 66.8





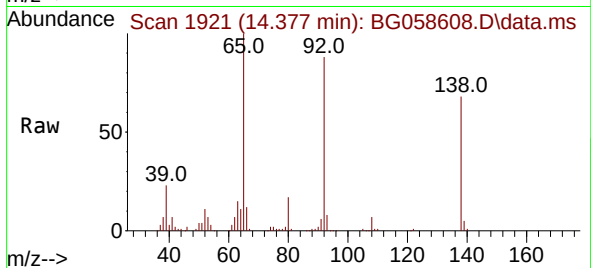
#53
3-Nitroaniline
Concen: 35.671 ng
RT: 14.377 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

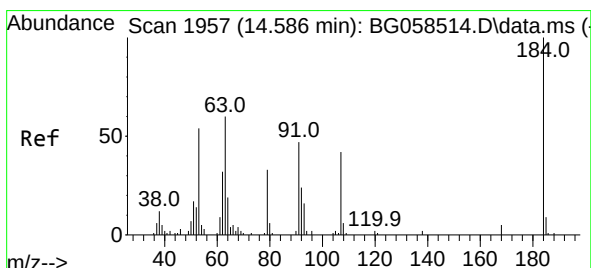
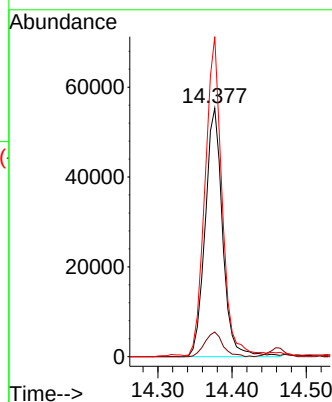
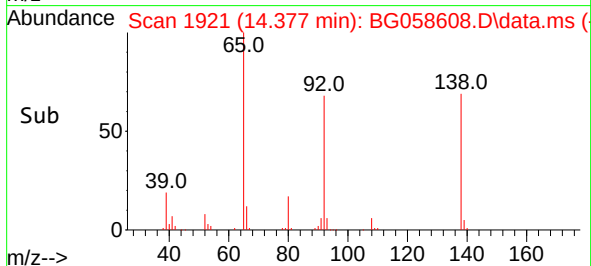


Tgt Ion:138 Resp: 90280
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 128.8 101.1 151.7

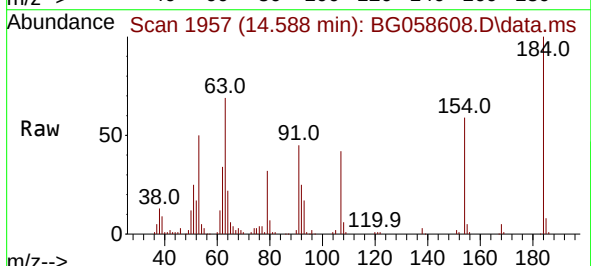
Manual Integrations

APPROVED

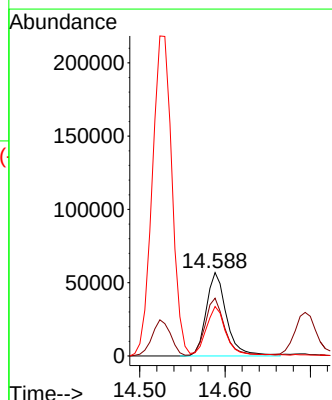
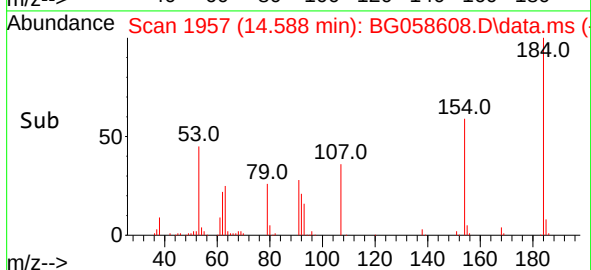
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

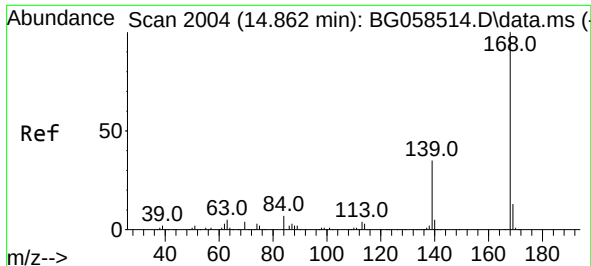


#54
2,4-Dinitrophenol
Concen: 67.452 ng
RT: 14.588 min Scan# 1957
Delta R.T. 0.002 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:184 Resp: 94341
Ion Ratio Lower Upper
184 100
63 69.3 56.7 85.1
154 59.3 46.1 69.1





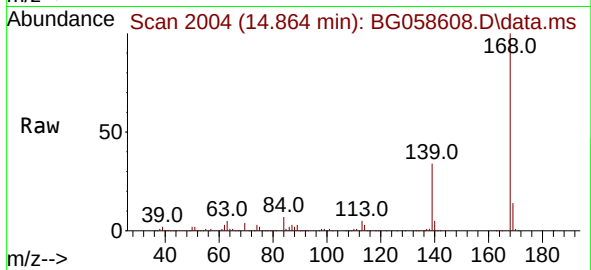
#55
Dibenzenofuran
Concen: 43.607 ng
RT: 14.864 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

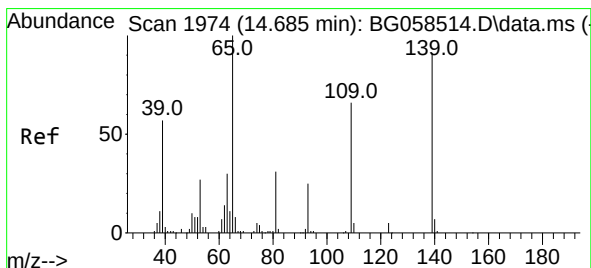
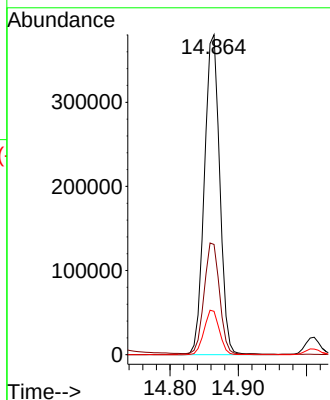
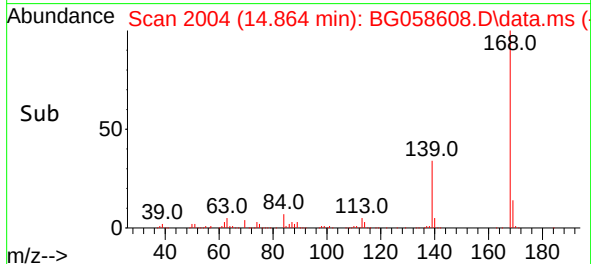


Tgt Ion:168 Resp: 59584
Ion Ratio Lower Upper
168 100
139 34.4 27.8 41.8
169 13.5 10.6 16.0

Manual Integrations

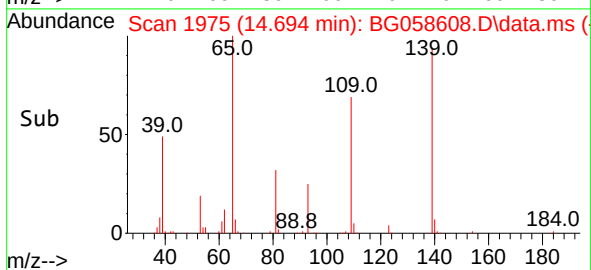
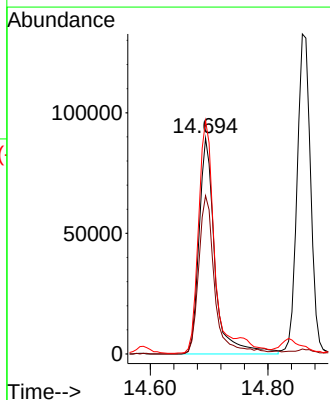
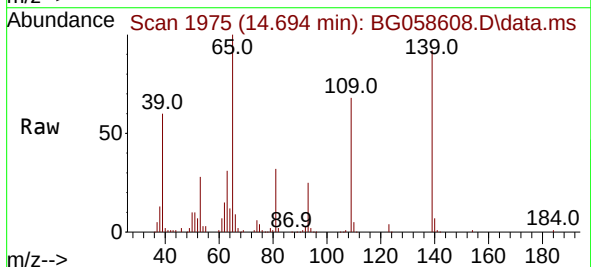
APPROVED

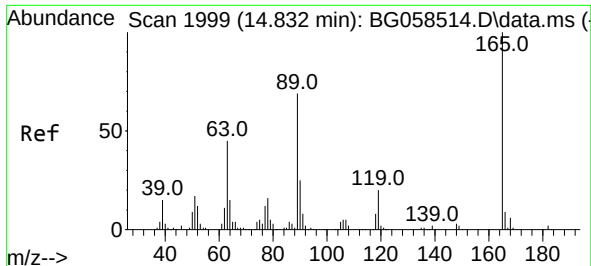
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#56
4-Nitrophenol
Concen: 89.133 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.009 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:139 Resp: 167902
Ion Ratio Lower Upper
139 100
109 73.4 52.5 92.5
65 108.2 90.5 130.5





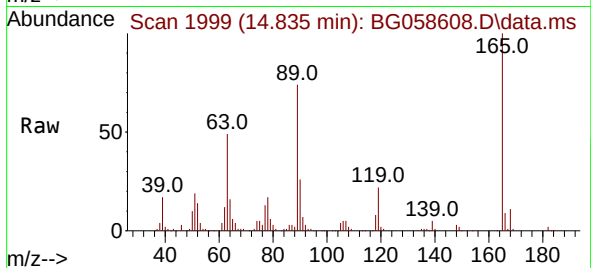
#57
2,4-Dinitrotoluene
Concen: 44.791 ng
RT: 14.835 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

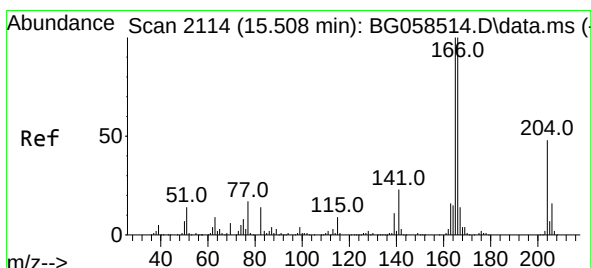
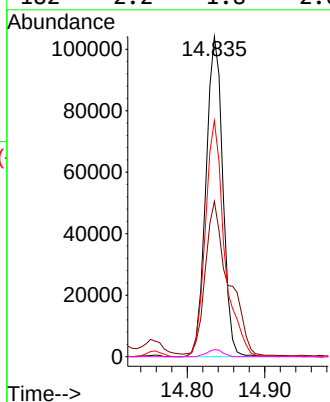
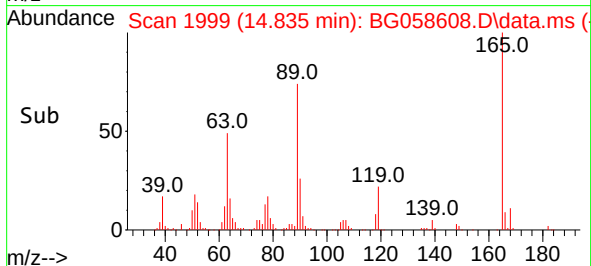


Tgt Ion:165 Resp: 157082
Ion Ratio Lower Upper
165 100
63 48.6 36.6 54.8
89 73.8 55.4 83.0
182 2.2 1.8 2.6

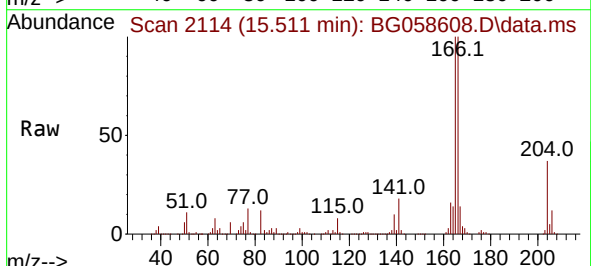
Manual Integrations

APPROVED

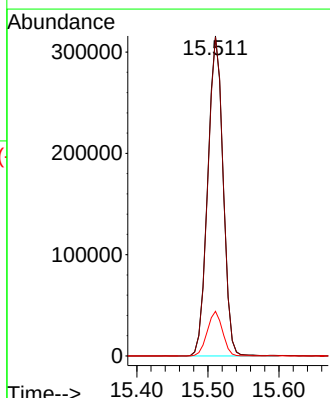
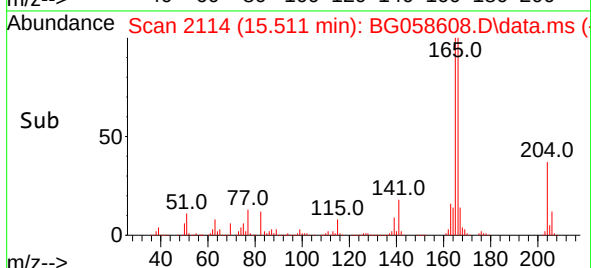
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

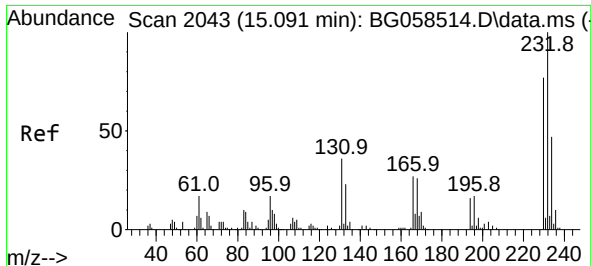


#58
Fluorene
Concen: 43.651 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:166 Resp: 473818
Ion Ratio Lower Upper
166 100
165 99.7 80.0 120.0
167 14.0 11.3 16.9





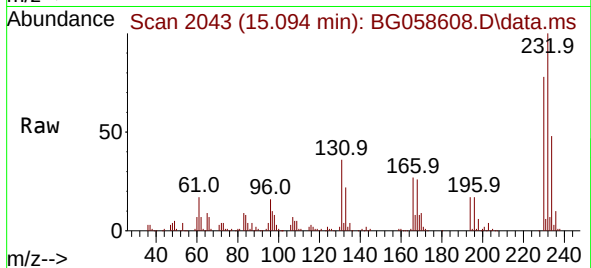
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.592 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

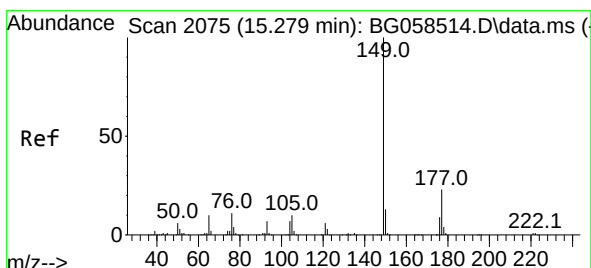
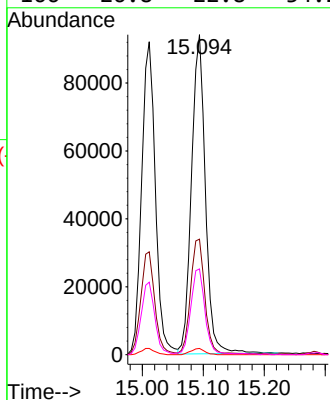
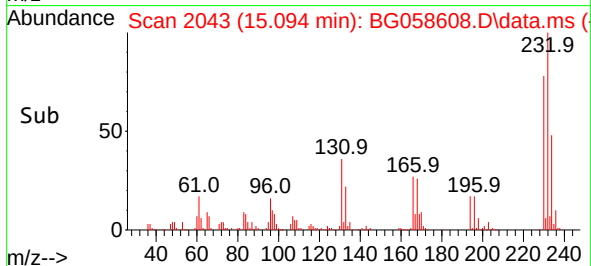


Tgt Ion:232 Resp: 14854
Ion Ratio Lower Upper
232 100
131 36.7 30.0 45.0
130 2.0 1.5 2.3
166 26.8 22.8 34.2

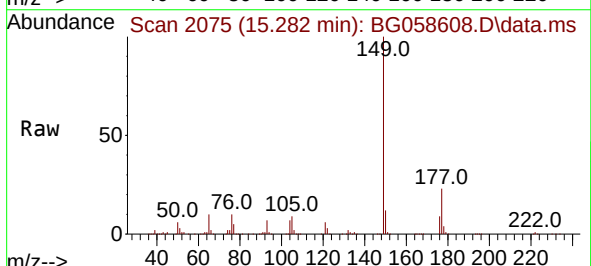
Manual Integrations

APPROVED

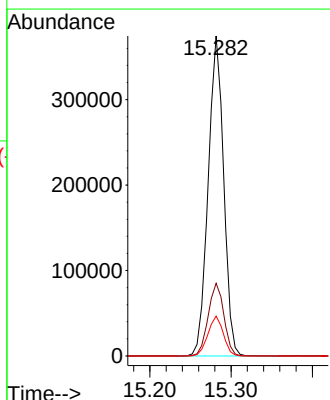
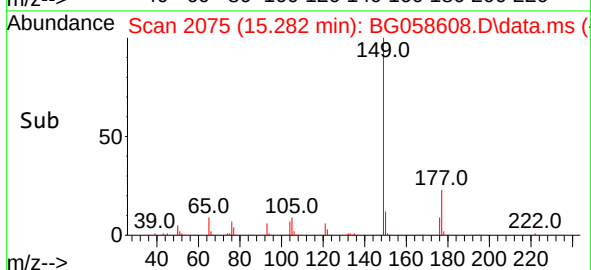
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

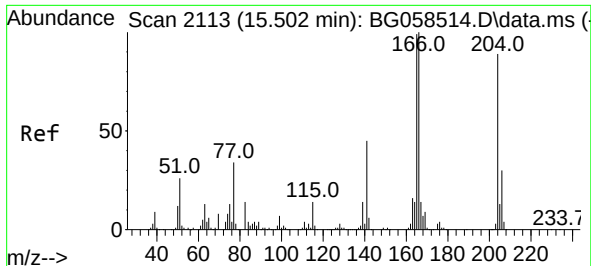


#60
Diethylphthalate
Concen: 42.134 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:149 Resp: 494867
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.4 10.2 15.4





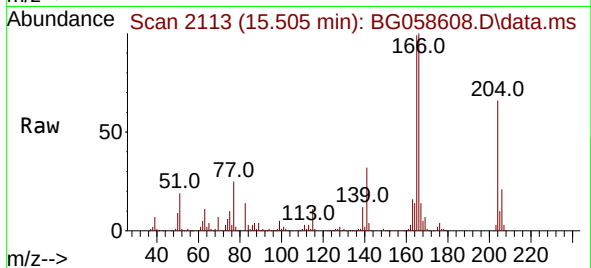
#61
4-Chlorophenyl-phenylether
Concen: 43.206 ng
RT: 15.505 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD



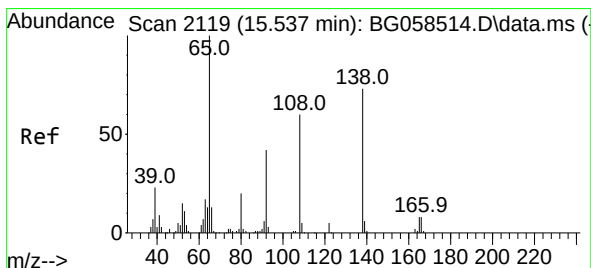
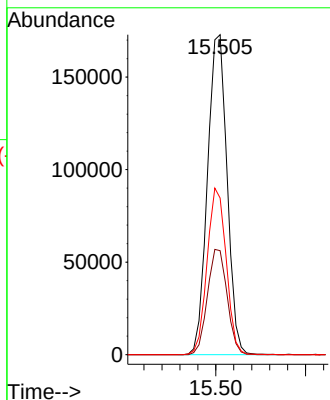
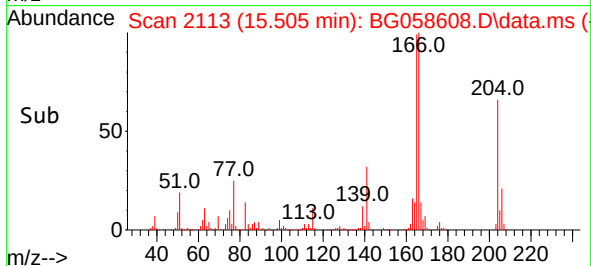
Tgt Ion:204 Resp: 261460
Ion Ratio Lower Upper
204 100
206 32.5 27.0 40.4
141 48.9 40.8 61.2

Manual Integrations

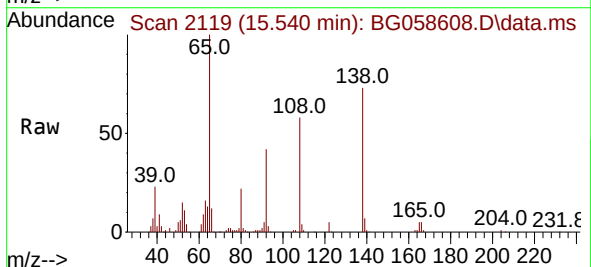
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

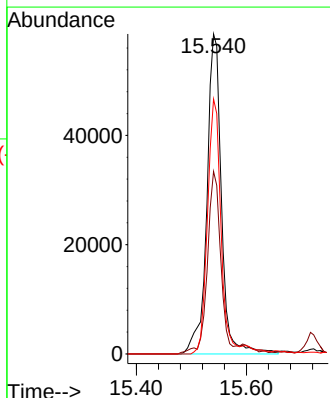
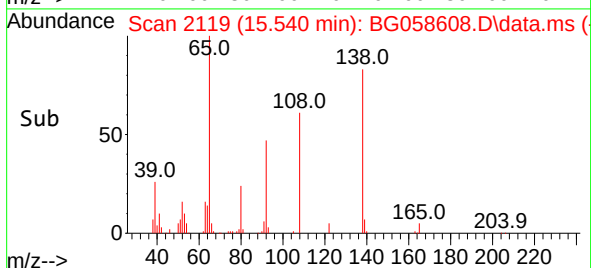
Supervised By :mohammad ahmed 08/07/2023

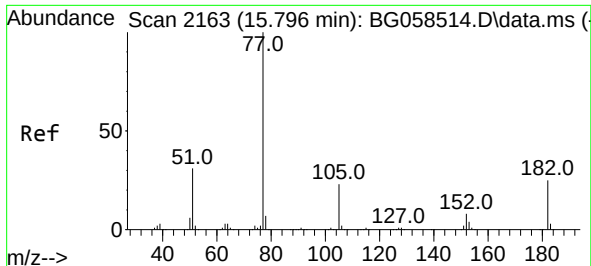


#62
4-Nitroaniline
Concen: 45.065 ng
RT: 15.540 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:138 Resp: 108043
Ion Ratio Lower Upper
138 100
92 57.0 37.3 77.3
108 79.6 62.6 102.6





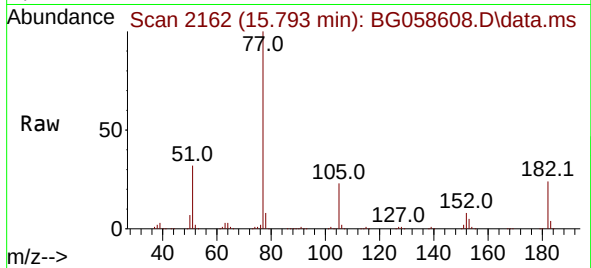
#63
Azobenzene
Concen: 46.496 ng
RT: 15.793 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD



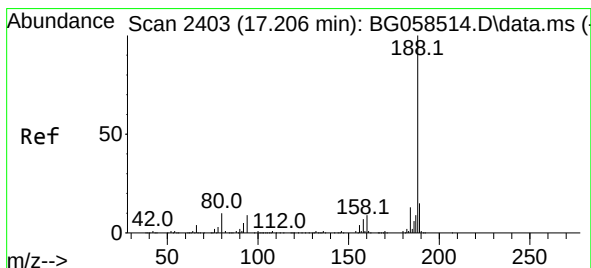
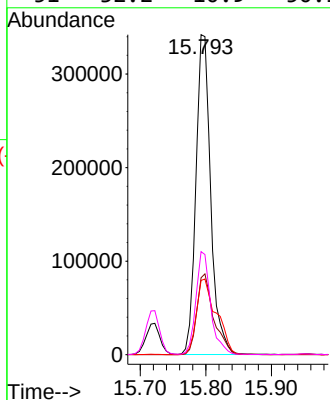
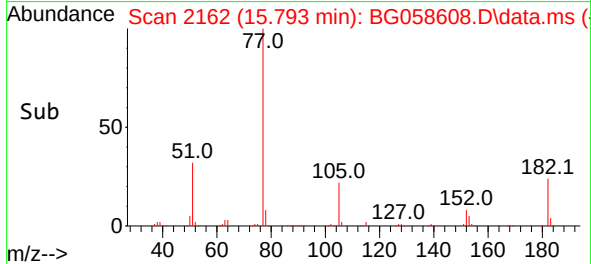
Tgt Ion: 77 Resp: 537892
Ion Ratio Lower Upper
77 100
182 24.1 4.6 44.6
105 23.2 3.3 43.3
51 32.2 10.9 50.9

Manual Integrations

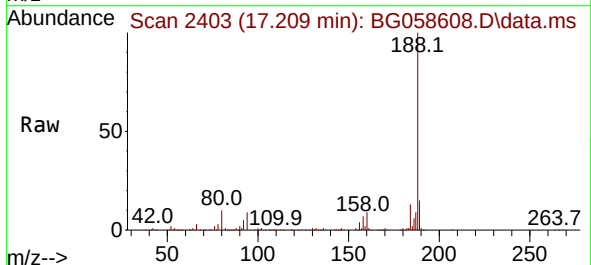
APPROVED

Reviewed By :Yogesh Patel 08/07/2023

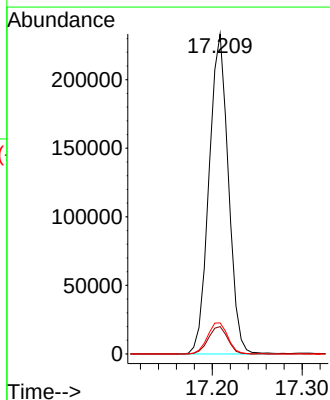
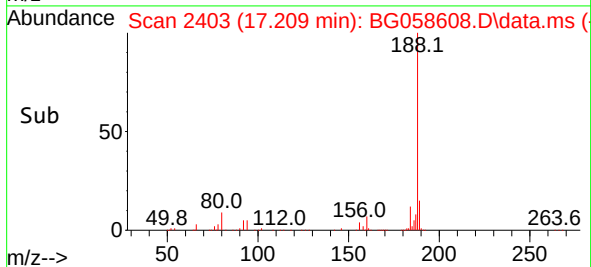
Supervised By :mohammad ahmed 08/07/2023

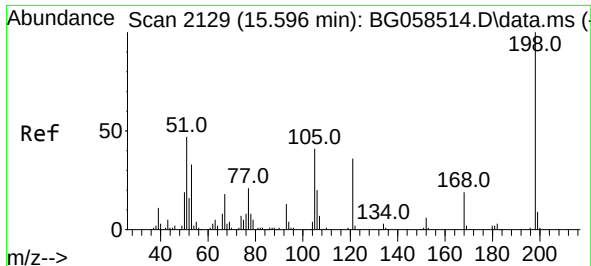


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:188 Resp: 348844
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.7 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 40.774 ng
RT: 15.599 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

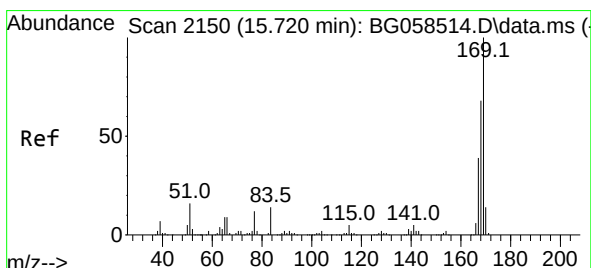
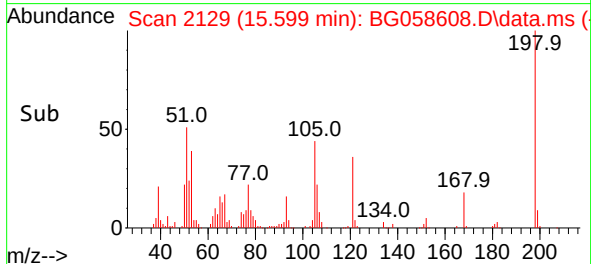
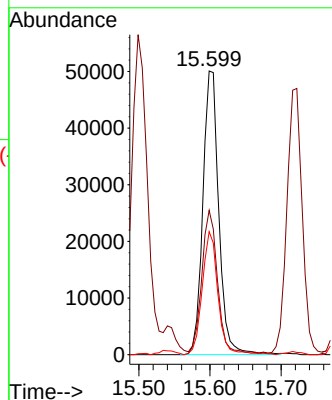
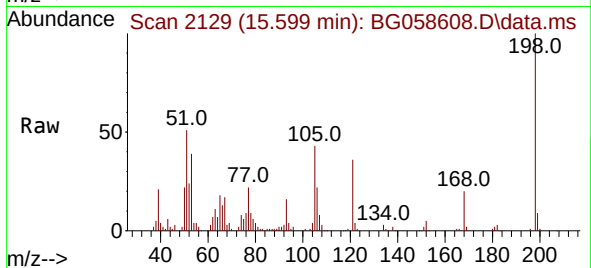
COMP-3MSD

Tgt Ion:198 Resp: 78428
Ion Ratio Lower Upper
198 100
51 50.9 29.3 69.3
105 43.4 21.0 61.0

Manual Integrations

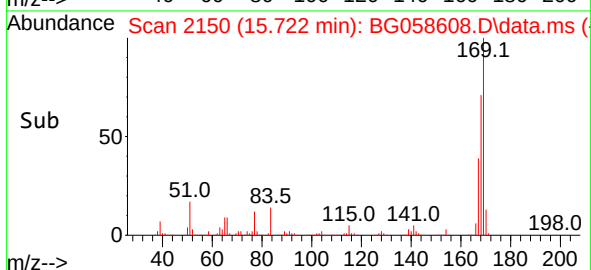
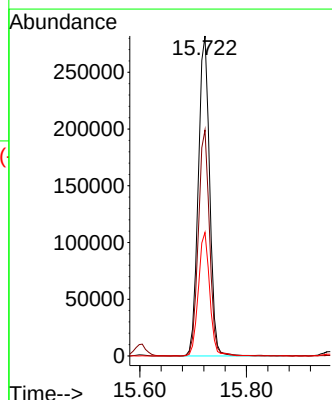
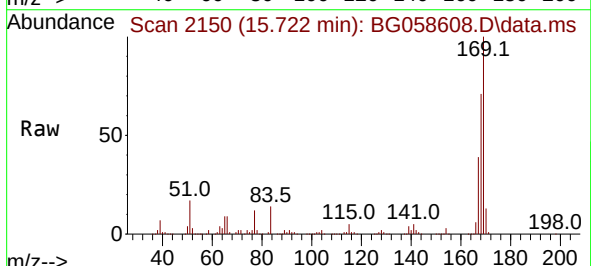
APPROVED

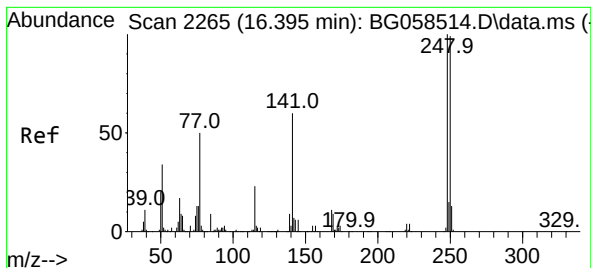
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#66
n-Nitrosodiphenylamine
Concen: 45.753 ng
RT: 15.722 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:169 Resp: 415416
Ion Ratio Lower Upper
169 100
168 70.6 54.6 82.0
167 38.6 31.3 46.9





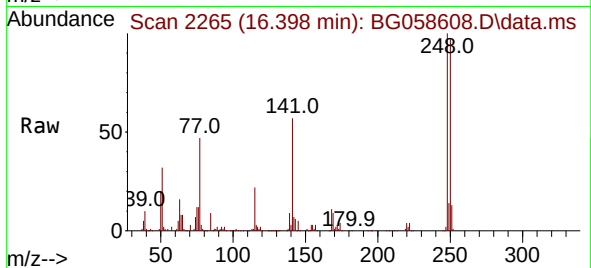
#67
4-Bromophenyl-phenylether
Concen: 45.058 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

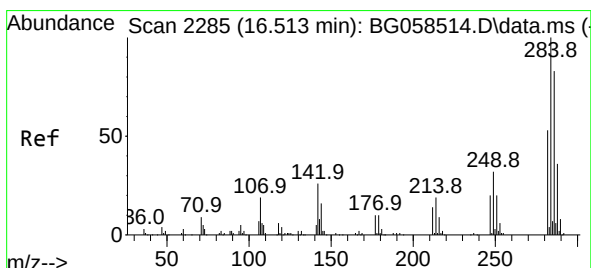
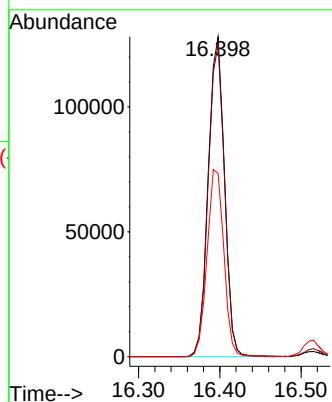
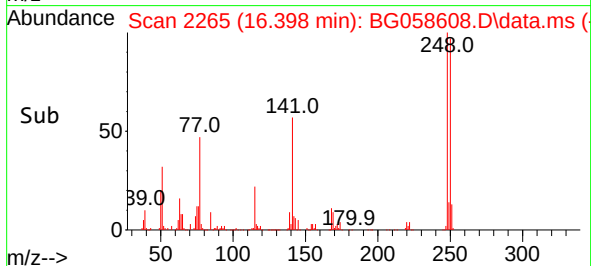


Tgt Ion:248 Resp: 178278
Ion Ratio Lower Upper
248 100
250 97.4 79.5 119.3
141 57.3 48.2 72.2

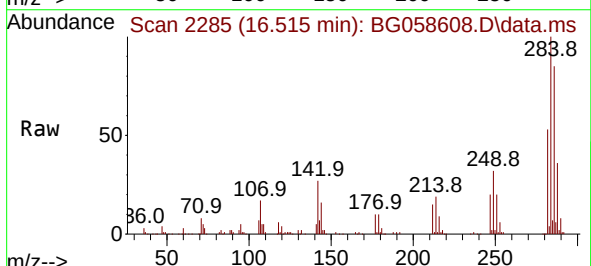
Manual Integrations

APPROVED

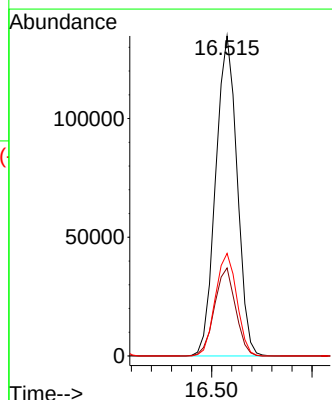
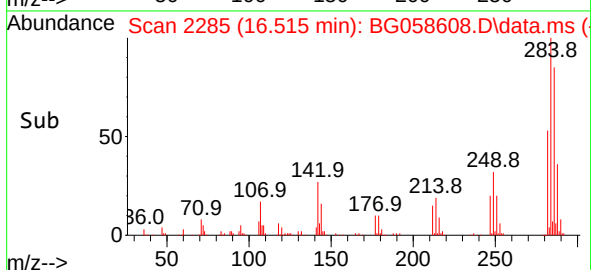
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

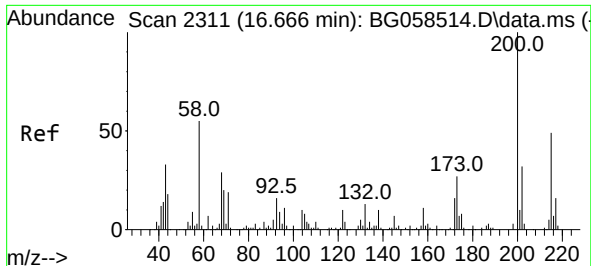


#68
Hexachlorobenzene
Concen: 47.557 ng
RT: 16.515 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:284 Resp: 199393
Ion Ratio Lower Upper
284 100
142 27.5 21.0 31.4
249 32.1 25.5 38.3





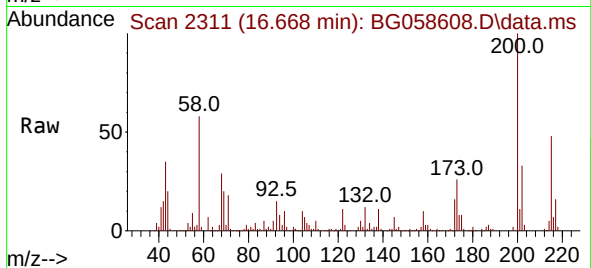
#69
 Atrazine
 Concen: 53.896 ng
 RT: 16.668 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: BG058608.D
 Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

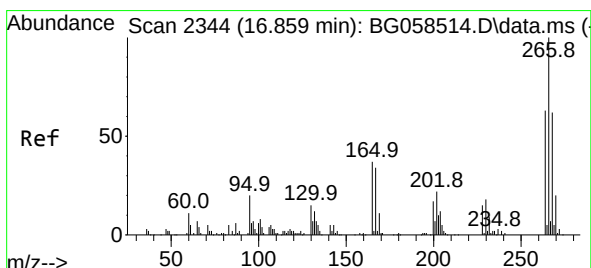
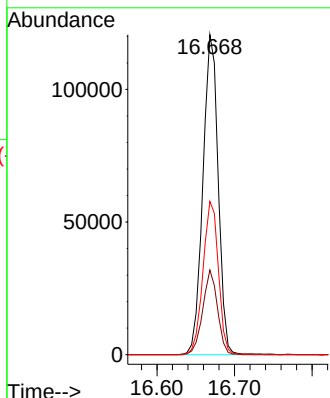
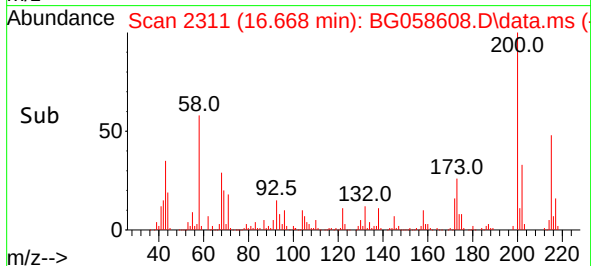


Tgt Ion:200 Resp: 16519
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.5 46.5
 215 47.9 28.9 68.9

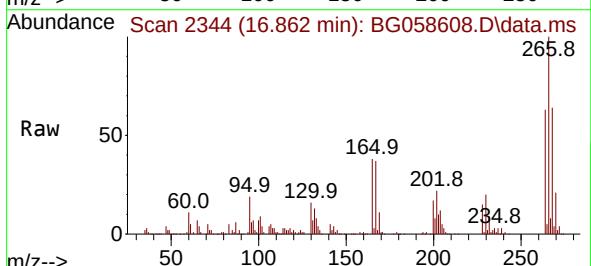
Manual Integrations

APPROVED

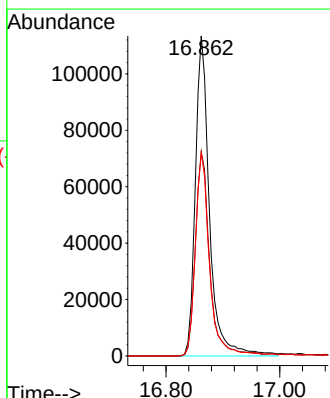
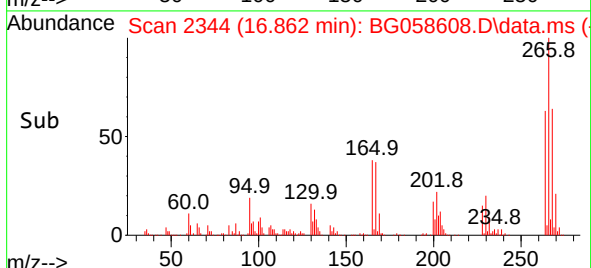
Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

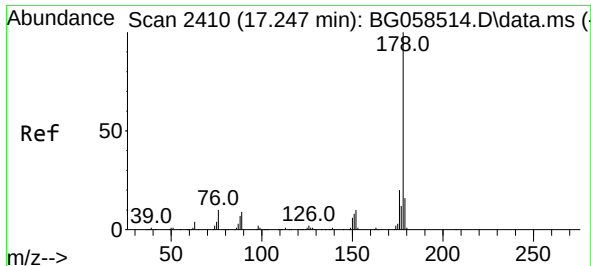


#70
 Pentachlorophenol
 Concen: 77.522 ng
 RT: 16.862 min Scan# 2344
 Delta R.T. 0.003 min
 Lab File: BG058608.D
 Acq: 4 Aug 2023 12:46



Tgt Ion:266 Resp: 196731
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.9 74.9
 264 63.3 50.2 75.4





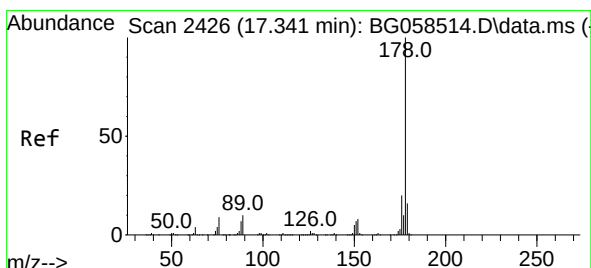
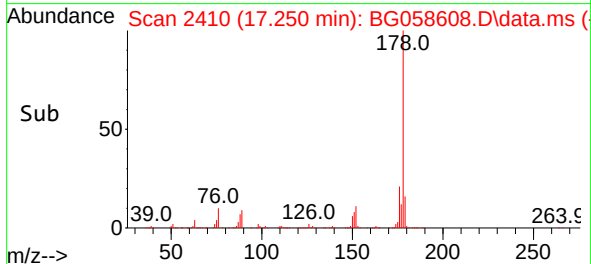
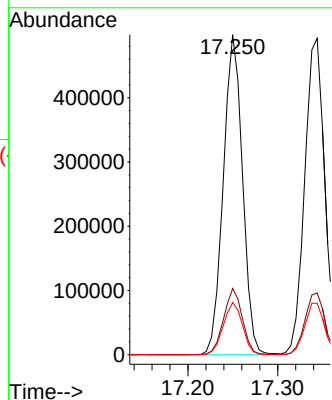
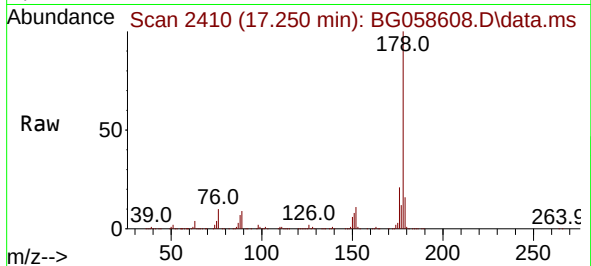
#71
Phenanthrene
Concen: 44.764 ng
RT: 17.250 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :
BNA_G
ClientSampleId :
COMP-3MSD

Tgt Ion:178 Resp: 74056
Ion Ratio Lower Upper
178 100
176 20.7 16.3 24.5
179 16.3 13.1 19.7

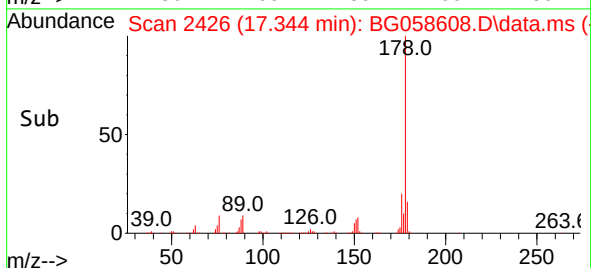
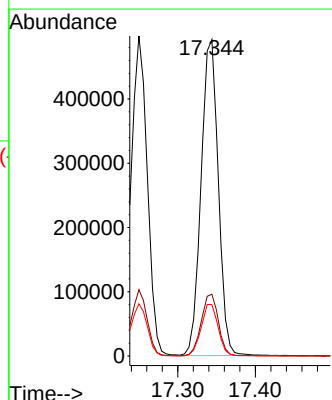
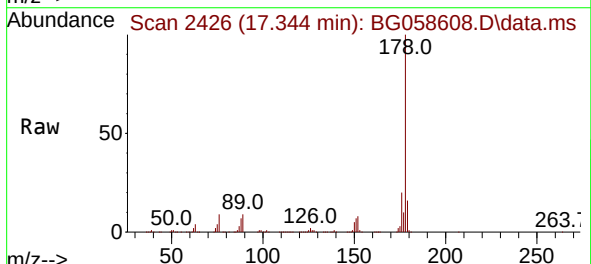
Manual Integrations
APPROVED

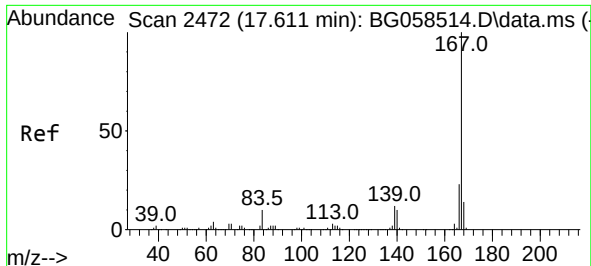
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#72
Anthracene
Concen: 44.673 ng
RT: 17.344 min Scan# 2426
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:178 Resp: 758339
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.2 12.9 19.3





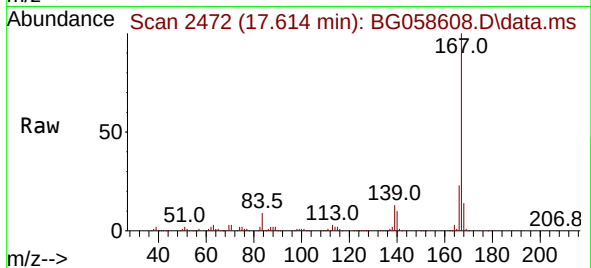
#73
 Carbazole
 Concen: 46.654 ng
 RT: 17.614 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG058608.D
 Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

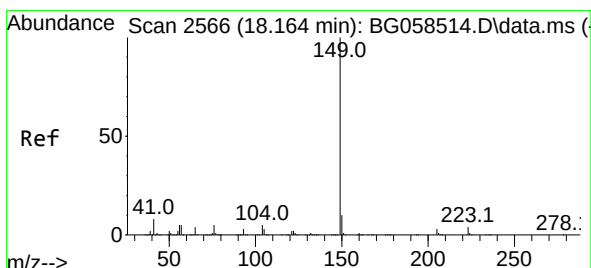
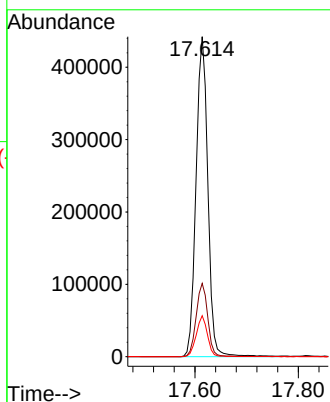
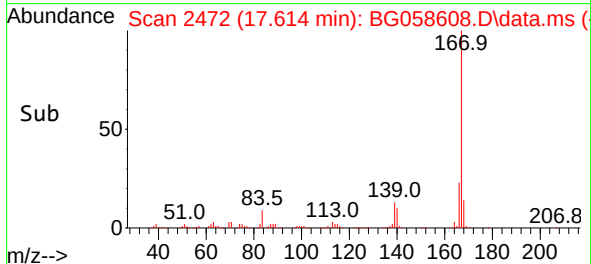


Tgt Ion:167 Resp: 698360
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.8 10.0 15.0

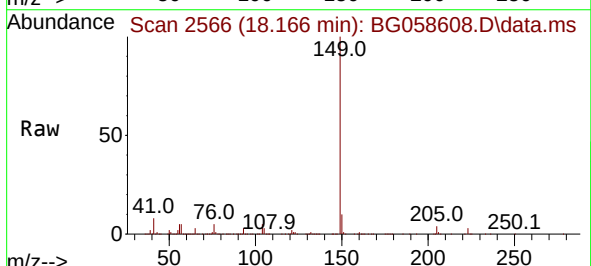
Manual Integrations

APPROVED

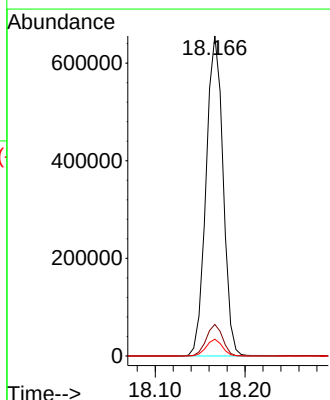
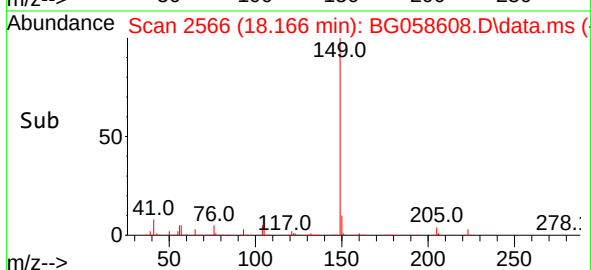
Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

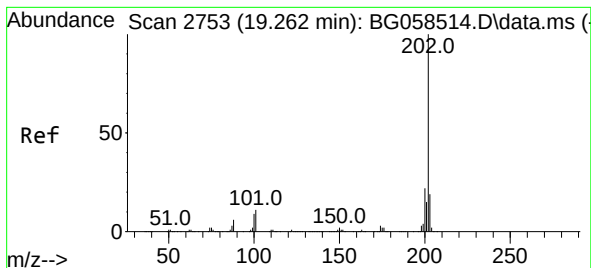


#74
 Di-n-butylphthalate
 Concen: 45.966 ng
 RT: 18.166 min Scan# 2566
 Delta R.T. 0.003 min
 Lab File: BG058608.D
 Acq: 4 Aug 2023 12:46



Tgt Ion:149 Resp: 861843
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 44.943 ng

RT: 19.265 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058608.D

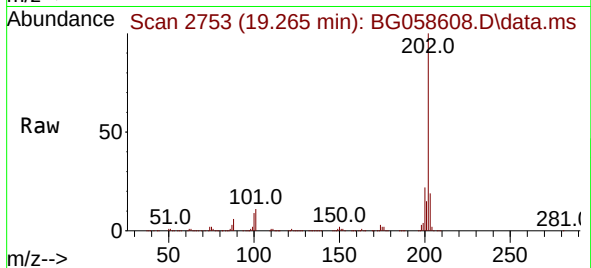
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

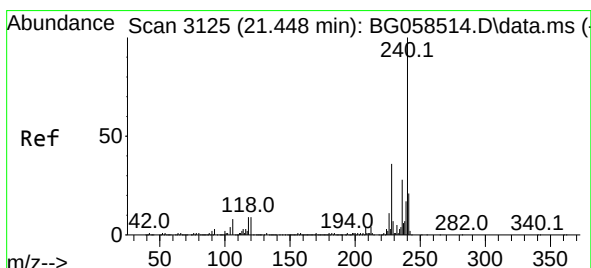
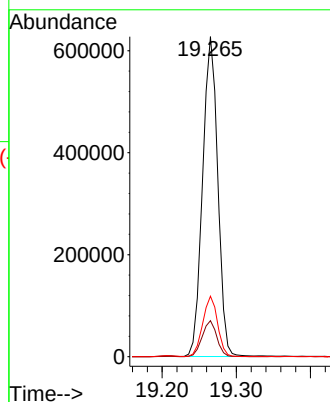
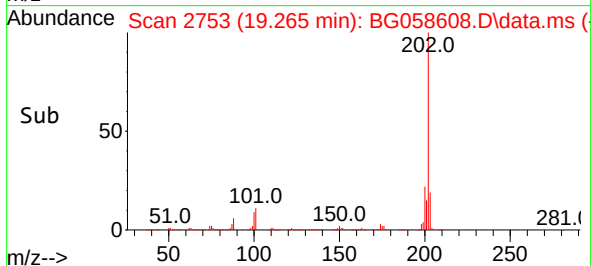


Tgt Ion:	202	Resp:	89313
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	31.4
203	18.9	0.0	39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

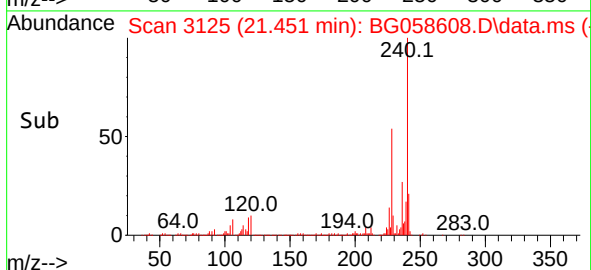
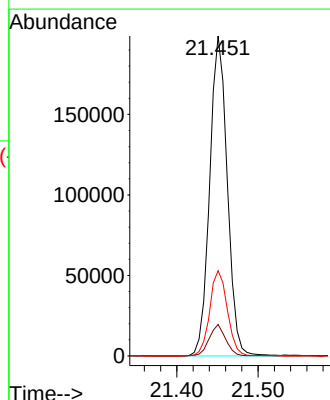
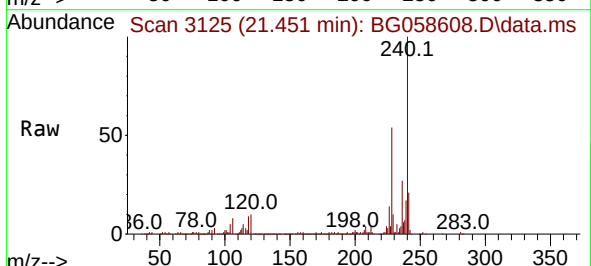
RT: 21.451 min Scan# 3125

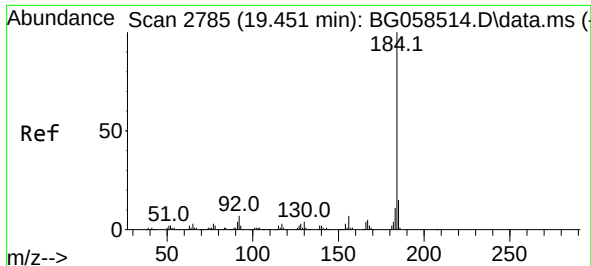
Delta R.T. 0.003 min

Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

Tgt Ion:	240	Resp:	298727
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.4	11.0
236	26.7	22.2	33.4





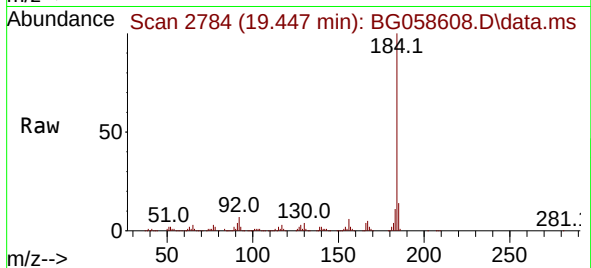
#77
Benzidine
Concen: 89.556 ng
RT: 19.447 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

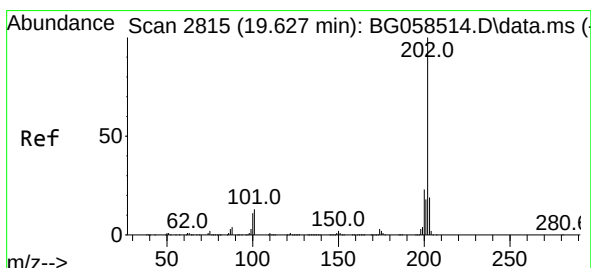
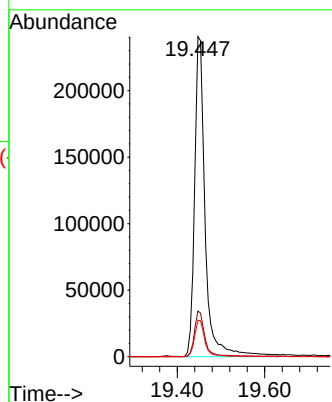
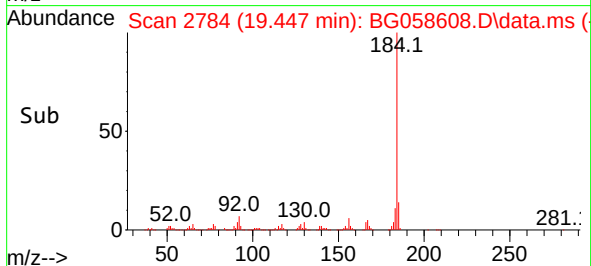


Tgt Ion:184 Resp: 405680
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.4 8.7 13.1

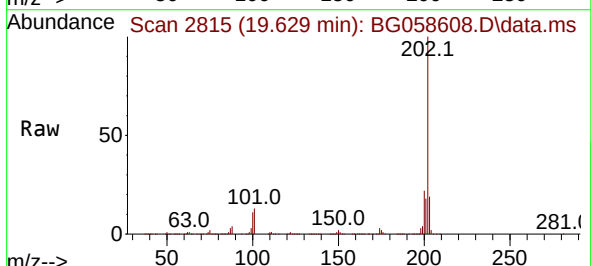
Manual Integrations

APPROVED

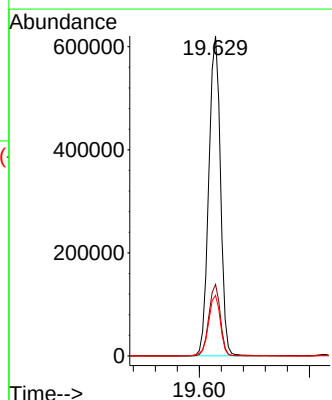
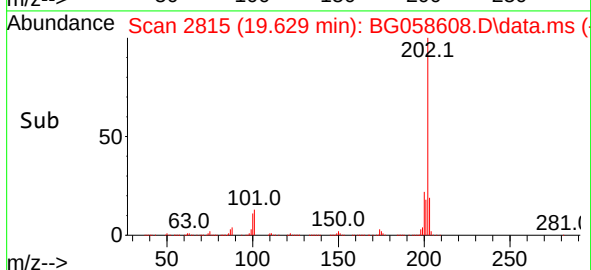
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

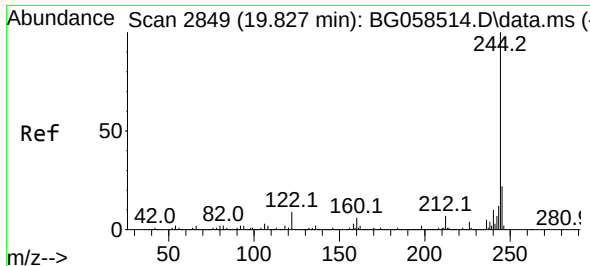


#78
Pyrene
Concen: 44.834 ng
RT: 19.629 min Scan# 2815
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:202 Resp: 911469
Ion Ratio Lower Upper
202 100
200 22.3 18.2 27.2
203 18.9 15.1 22.7





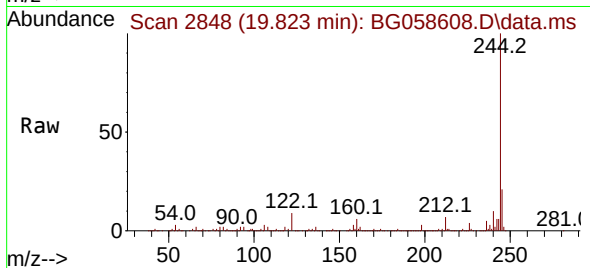
#79
 Terphenyl-d14
 Concen: 64.593 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058608.D
 Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

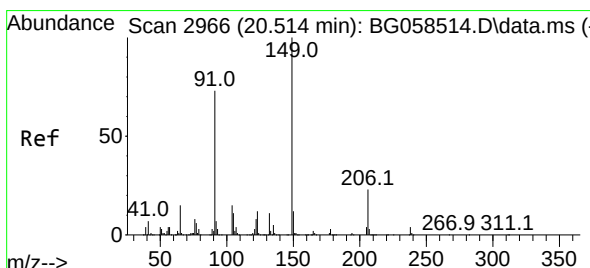
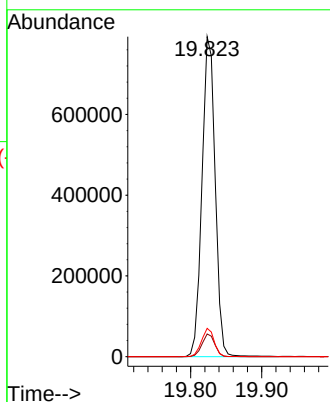
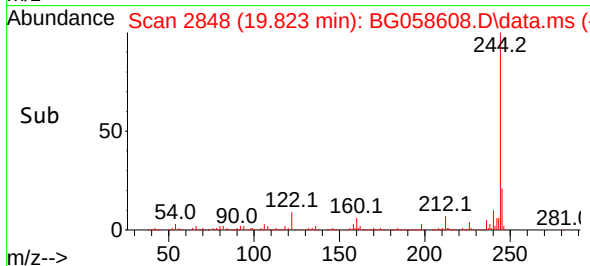


Tgt Ion:244 Resp: 102608
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.9 6.8 10.2

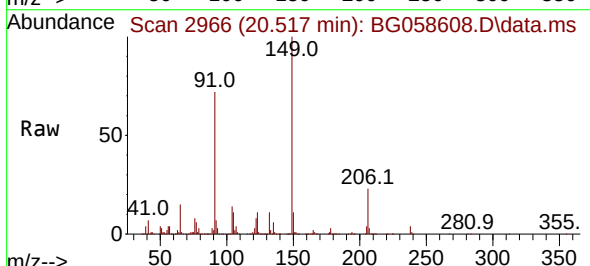
Manual Integrations

APPROVED

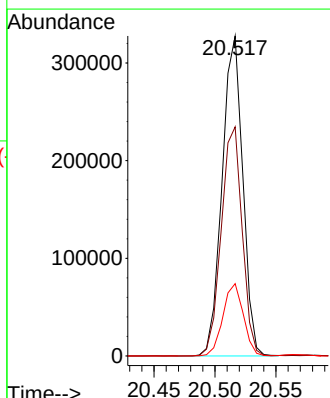
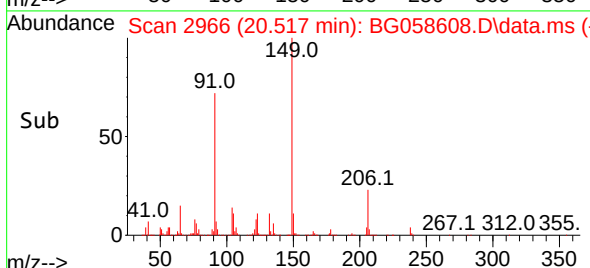
Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

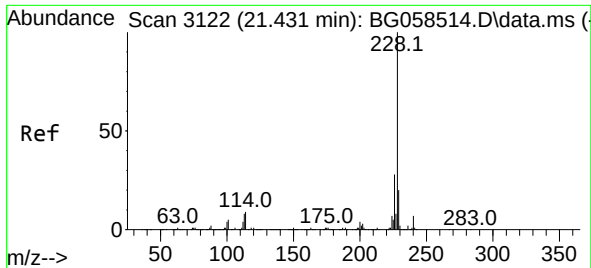


#80
 Butylbenzylphthalate
 Concen: 46.278 ng
 RT: 20.517 min Scan# 2966
 Delta R.T. 0.003 min
 Lab File: BG058608.D
 Acq: 4 Aug 2023 12:46



Tgt Ion:149 Resp: 386458
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.4 87.6
 206 22.6 18.3 27.5





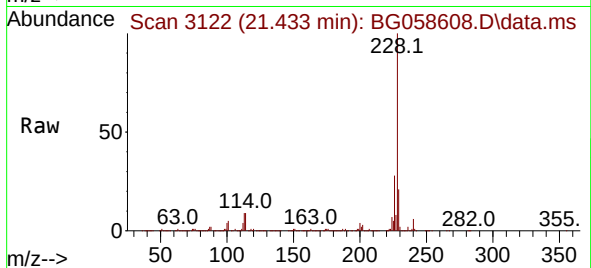
#81
Benzo(a)anthracene
Concen: 45.862 ng
RT: 21.433 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

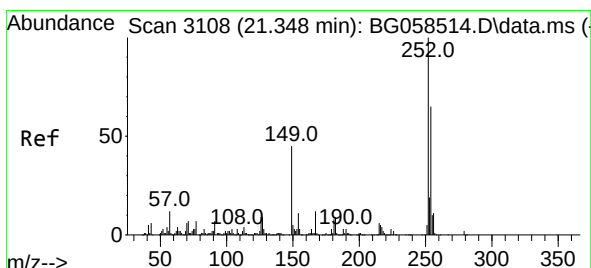
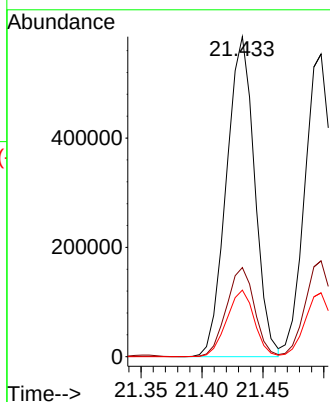
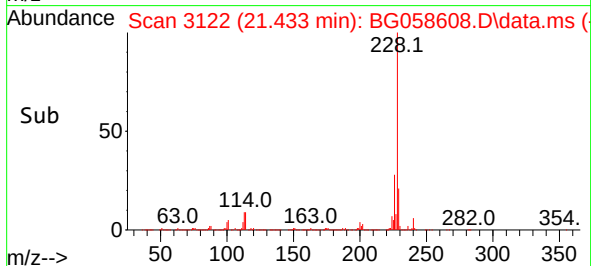


Tgt Ion:228 Resp: 942839
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.8 16.3 24.5

Manual Integrations

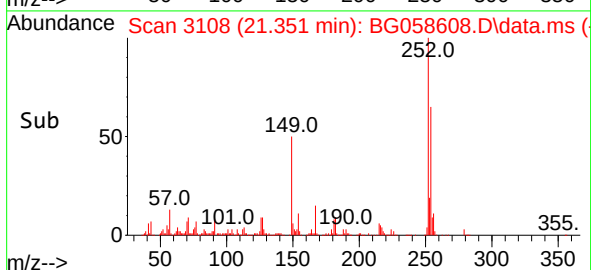
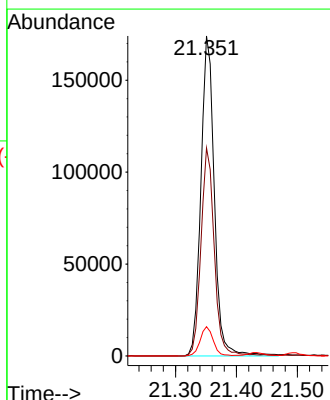
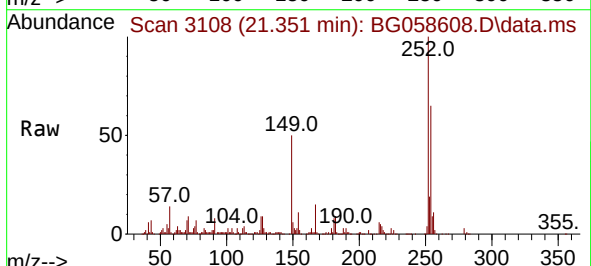
APPROVED

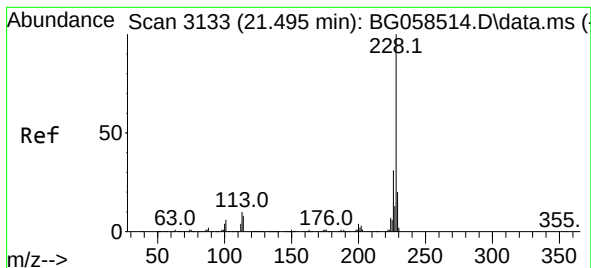
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 38.446 ng
RT: 21.351 min Scan# 3108
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:252 Resp: 267233
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.4
126 9.1 7.2 10.8





#83

Chrysene

Concen: 44.233 ng

RT: 21.498 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058608.D

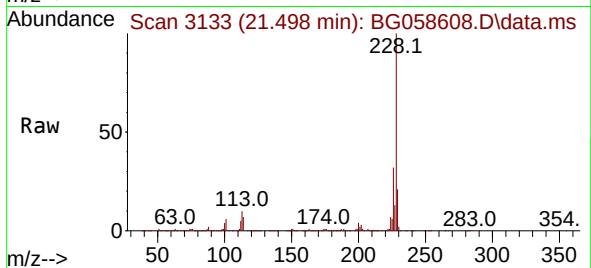
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD



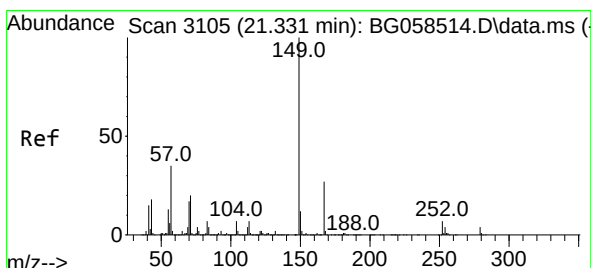
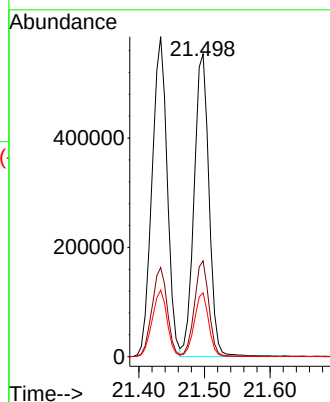
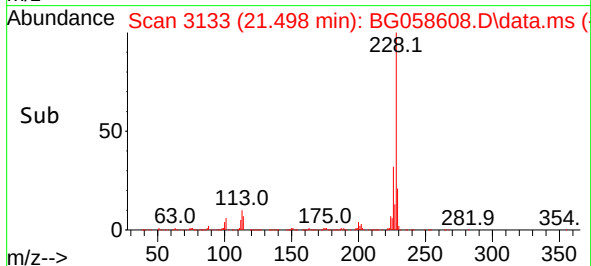
Tgt Ion:228 Resp: 87187

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	21.1	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.747 ng

RT: 21.333 min Scan# 3105

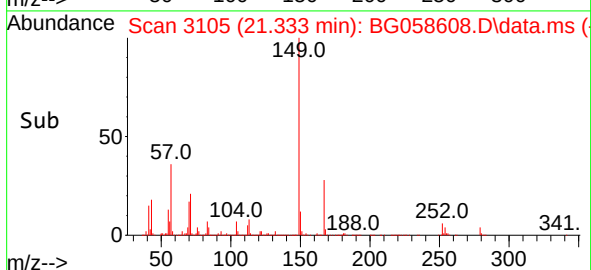
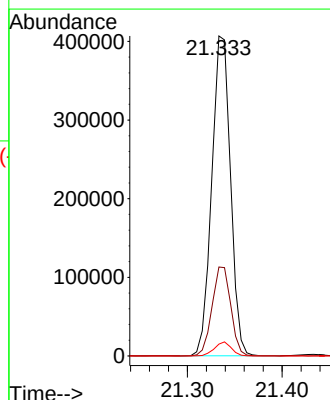
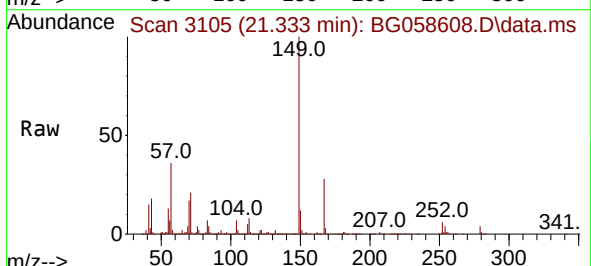
Delta R.T. 0.003 min

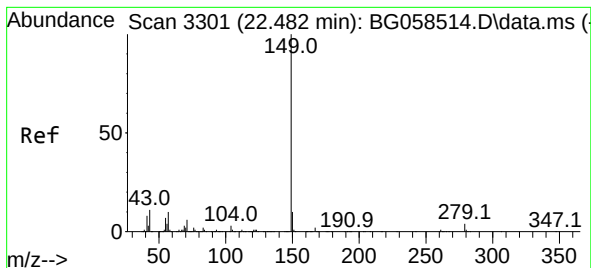
Lab File: BG058608.D

Acq: 4 Aug 2023 12:46

Tgt Ion:149 Resp: 558260

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	3.7	2.9	4.3





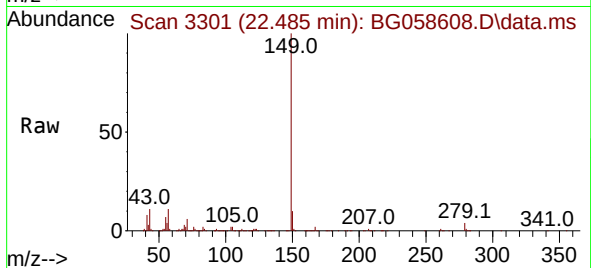
#85
Di-n-octyl phthalate
Concen: 46.768 ng
RT: 22.485 min Scan# 3301
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

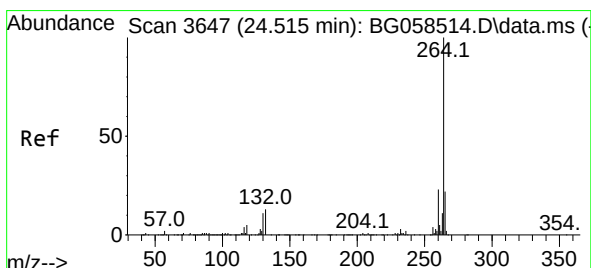
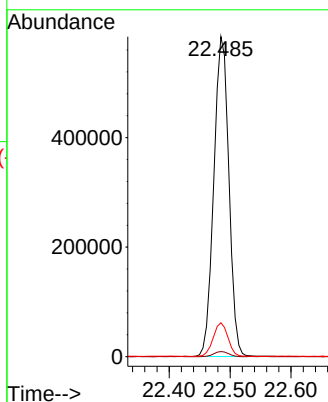
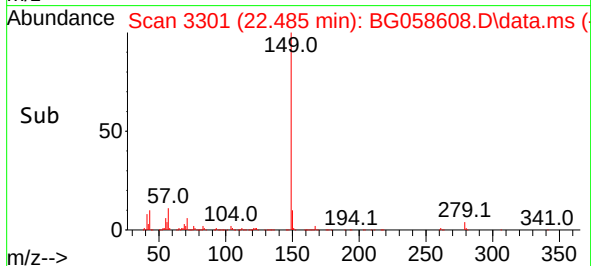


Tgt Ion:149 Resp: 100340
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.2 12.2

Manual Integrations

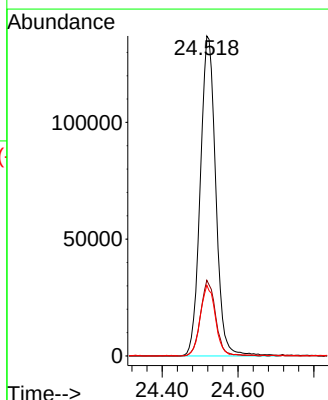
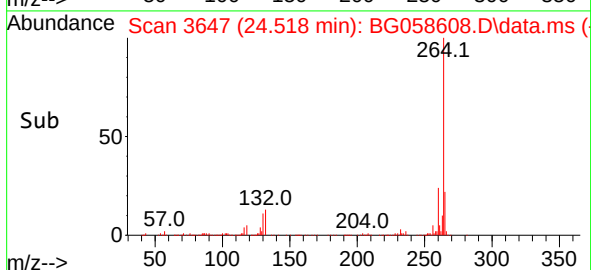
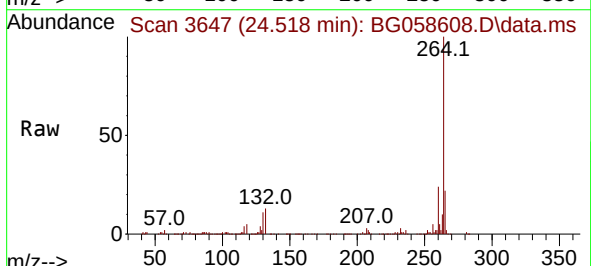
APPROVED

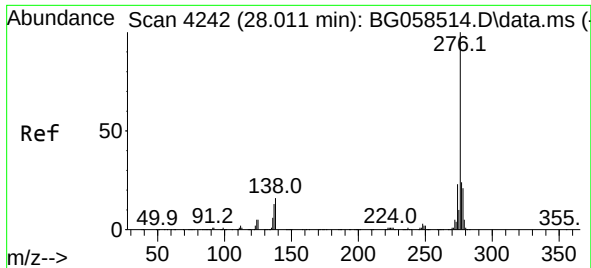
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3647
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

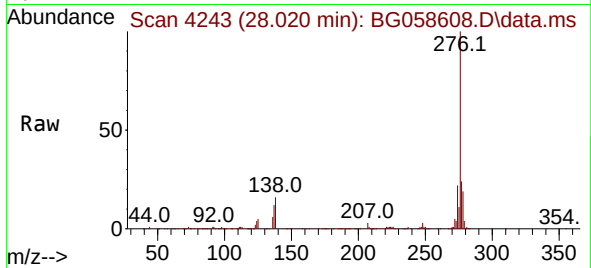
Tgt Ion:264 Resp: 387166
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.1 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.827 ng
RT: 28.020 min Scan# 4243
Delta R.T. 0.008 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

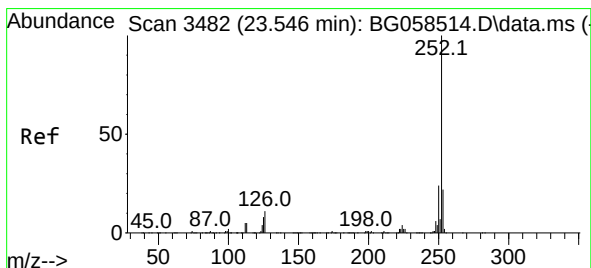
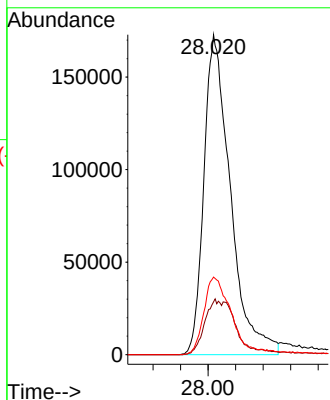
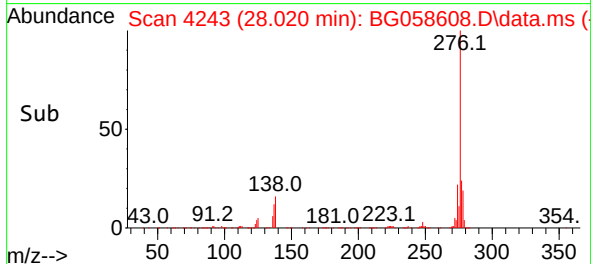
Instrument :
BNA_G
ClientSampleId :
COMP-3MSD



Tgt Ion:276 Resp: 1154602
Ion Ratio Lower Upper
276 100
138 10.7 16.0 24.0
277 24.5 20.4 30.6

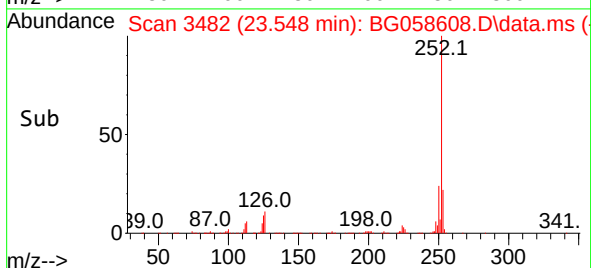
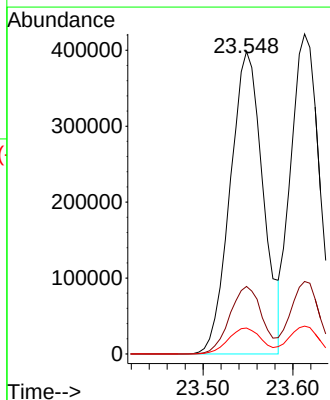
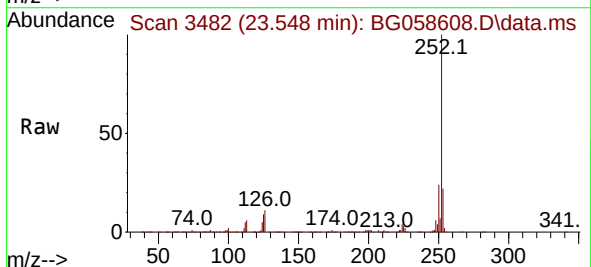
Manual Integrations
APPROVED

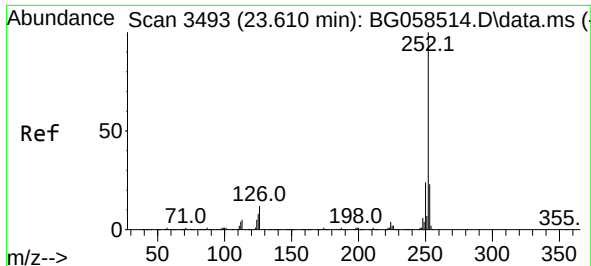
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#88
Benzo(b)fluoranthene
Concen: 48.336 ng
RT: 23.548 min Scan# 3482
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:252 Resp: 1015009
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.6 6.6 9.8





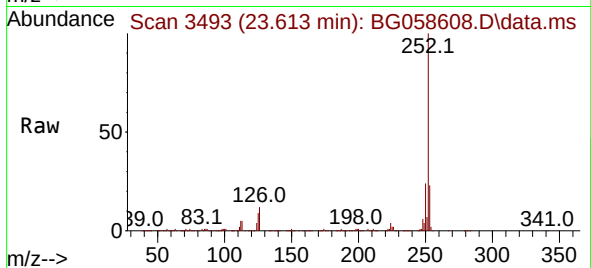
#89
Benzo(k)fluoranthene
Concen: 44.940 ng
RT: 23.613 min Scan# 3493
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

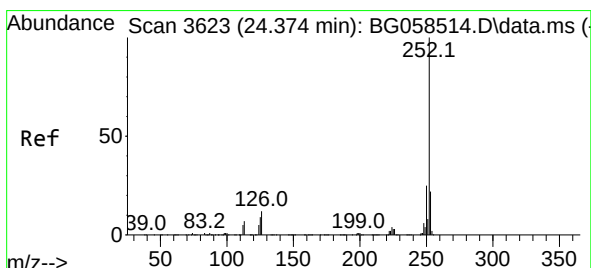
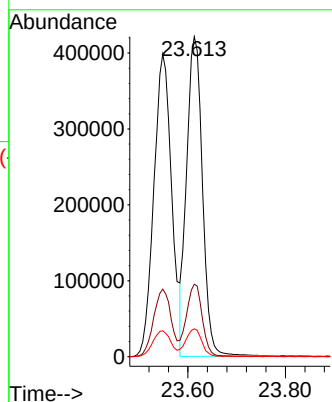
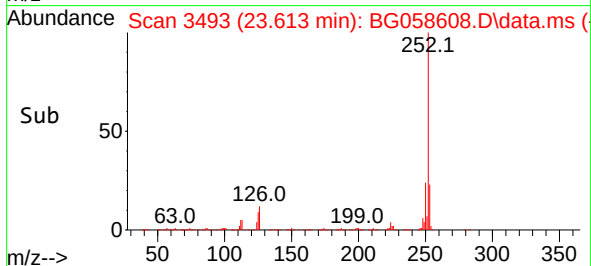


Tgt Ion:252 Resp: 948028
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.7 6.6 10.0

Manual Integrations

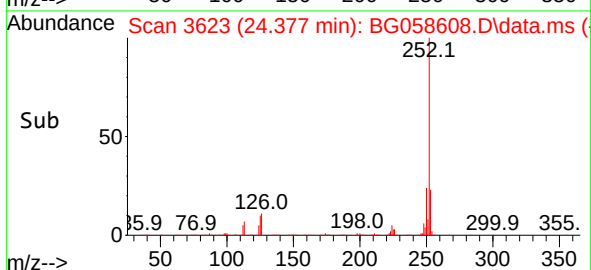
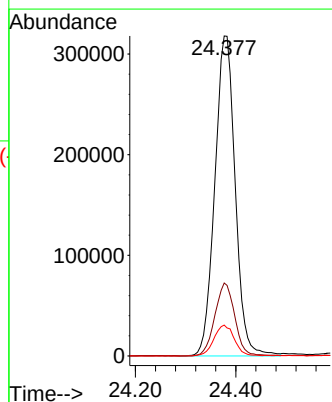
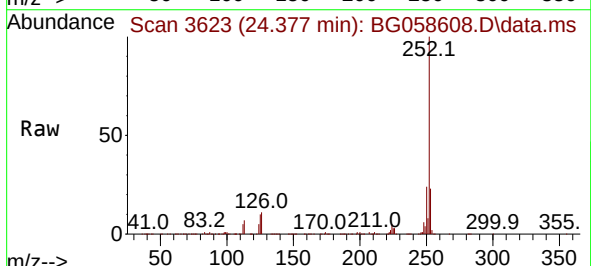
APPROVED

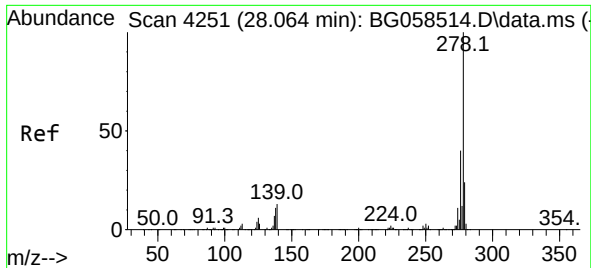
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#90
Benzo(a)pyrene
Concen: 43.483 ng
RT: 24.377 min Scan# 3623
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Tgt Ion:252 Resp: 896718
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.7 7.4 11.2





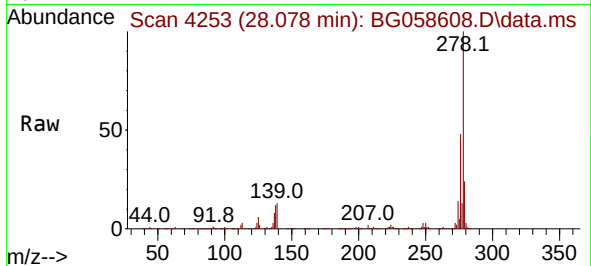
#91
Dibenzo(a,h)anthracene
Concen: 46.085 ng
RT: 28.078 min Scan# 41
Delta R.T. 0.014 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46

Instrument :

BNA_G

ClientSampleId :

COMP-3MSD

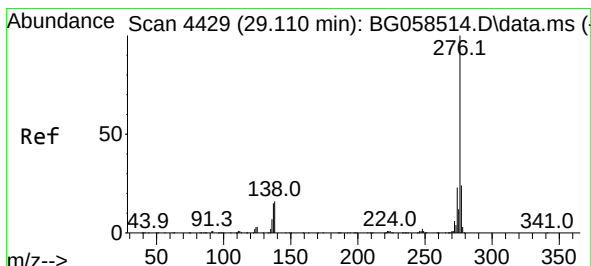
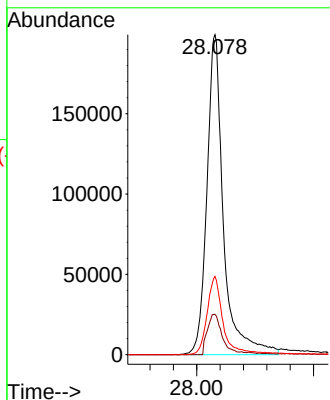
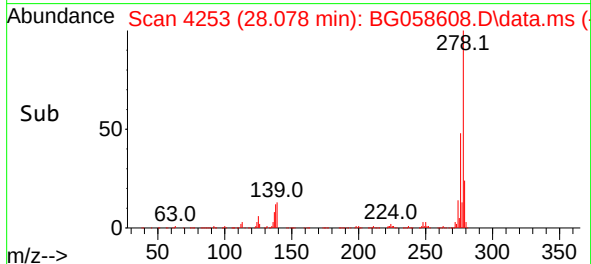


Tgt Ion:278 Resp: 98149
Ion Ratio Lower Upper
278 100
139 12.6 10.4 15.6
279 24.5 19.0 28.6

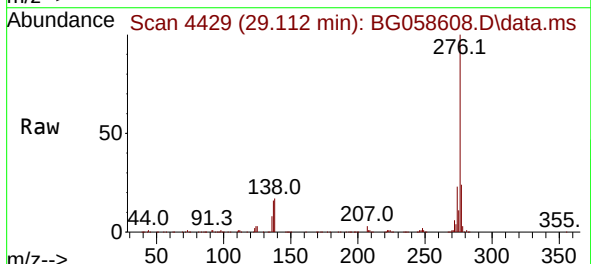
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#92
Benzo(g,h,i)perylene
Concen: 41.482 ng
RT: 29.112 min Scan# 4429
Delta R.T. 0.003 min
Lab File: BG058608.D
Acq: 4 Aug 2023 12:46



Tgt Ion:276 Resp: 885883
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 17.2 13.0 19.4

