

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111723\
 Data File : BG059756.D
 Acq On : 18 Nov 2023 9:11
 Operator : MA/JU
 Sample : 05295-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD

Quant Time: Nov 18 10:33:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	21461	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	101547	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	74295	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	268193	20.000	ng	# 0.00
76) Chrysene-d12	22.051	240	220033	20.000	ng	# 0.00
86) Perylene-d12	25.641	264	236662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	141950	111.328	ng	0.00
7) Phenol-d6	7.468	99	222064	117.524	ng	0.01
23) Nitrobenzene-d5	9.542	82	198891	74.803	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	128374	152.288	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	500371	90.655	ng	0.00
79) Terphenyl-d14	20.294	244	1236850	82.983	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.667	88	19245	32.135	ng	# 78
3) Pyridine	4.084	79	61670	37.703	ng	# 83
4) n-Nitrosodimethylamine	4.013	42	55237	63.478	ng	# 57
6) Aniline	7.662	93	65671	26.336	ng	# 94
8) 2-Chlorophenol	7.891	128	67805	49.018	ng	99
9) Benzaldehyde	7.480	77	16813	13.164	ng	# 84
10) Phenol	7.492	94	99880	51.289	ng	87
11) bis(2-Chloroethyl)ether	7.756	93	52892	43.630	ng	98
12) 1,3-Dichlorobenzene	8.220	146	65110	42.376	ng	92
13) 1,4-Dichlorobenzene	8.379	146	71062	46.056	ng	98
14) 1,2-Dichlorobenzene	8.696	146	70087	45.721	ng	88
15) Benzyl Alcohol	8.584	79	108594	50.399	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.866	45	19088m	42.797	ng	
17) 2-Methylphenol	8.766	107	70420	49.094	ng	92
18) Hexachloroethane	9.425	117	30871	47.140	ng	94
19) n-Nitroso-di-n-propyla...	9.148	70	65899	44.288	ng	# 94
20) 3+4-Methylphenols	9.096	107	96038	48.229	ng	94
22) Acetophenone	9.184	105	137949	47.983	ng	# 96
24) Nitrobenzene	9.589	77	109819	44.846	ng	99
25) Isophorone	10.088	82	195392	43.773	ng	# 94
26) 2-Nitrophenol	10.294	139	42467	47.303	ng	89
27) 2,4-Dimethylphenol	10.312	122	73138	40.067	ng	93
28) bis(2-Chloroethoxy)met...	10.576	93	77804	46.384	ng	93
29) 2,4-Dichlorophenol	10.817	162	79734	51.162	ng	82
30) 1,2,4-Trichlorobenzene	11.034	180	76164	48.357	ng	# 85
31) Naphthalene	11.246	128	241384	47.273	ng	99
32) Benzoic acid	10.441	122	63961	51.487	ng	# 75
33) 4-Chloroaniline	11.358	127	42893	19.749	ng	98
34) Hexachlorobutadiene	11.469	225	52288	48.778	ng	98
35) Caprolactam	12.151	113	28358m	49.788	ng	
36) 4-Chloro-3-methylphenol	12.433	107	119686	57.745	ng	# 94
37) 2-Methylnaphthalene	12.821	142	193335	44.955	ng	# 80
38) 1-Methylnaphthalene	13.038	142	184447	46.507	ng	95
40) 1,2,4,5-Tetrachloroben...	13.161	216	104477	52.070	ng	97
41) Hexachlorocyclopentadiene	13.114	237	116106	92.250	ng	90
43) 2,4,6-Trichlorophenol	13.408	196	78086	55.965	ng	95

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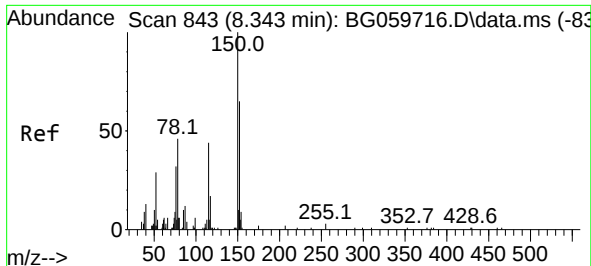
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.473	196	89074	54.332	ng	# 86
46) 1,1'-Biphenyl	13.808	154	342688	58.764	ng	98
47) 2-Chloronaphthalene	13.861	162	252587	63.037	ng	95
48) 2-Nitroaniline	14.078	65	100120	69.984	ng	# 82
49) Acenaphthylene	14.707	152	357072	52.262	ng	# 95
50) Dimethylphthalate	14.413	163	302466	52.535	ng	# 94
51) 2,6-Dinitrotoluene	14.560	165	57736	52.861	ng	98
52) Acenaphthene	15.036	154	203218	49.457	ng	93
53) 3-Nitroaniline	14.895	138	41574	32.518	ng	# 84
54) 2,4-Dinitrophenol	15.094	184	77055	94.939	ng	# 65
55) Dibenzofuran	15.371	168	336743	49.707	ng	# 88
56) 4-Nitrophenol	15.177	139	104040	106.368	ng	# 90
57) 2,4-Dinitrotoluene	15.335	165	84160	50.105	ng	# 81
58) Fluorene	16.017	166	286817	50.959	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.576	232	76720	53.236	ng	# 94
60) Diethylphthalate	15.758	149	325115	52.651	ng	99
61) 4-Chlorophenyl-phenyle...	15.999	204	147785	51.013	ng	91
62) 4-Nitroaniline	16.058	138	55847	43.586	ng	# 81
63) Azobenzene	16.293	77	348850	50.838	ng	95
65) 4,6-Dinitro-2-methylph...	16.081	198	52071	31.770	ng	94
66) n-Nitrosodiphenylamine	16.217	169	266159	33.973	ng	# 89
67) 4-Bromophenyl-phenylether	16.898	248	148070	51.392	ng	100
68) Hexachlorobenzene	16.986	284	155930	57.985	ng	# 94
69) Atrazine	17.145	200	173374	69.023	ng	91
70) Pentachlorophenol	17.345	266	209158	101.950	ng	93
71) Phenanthrene	17.762	178	689094	50.537	ng	97
72) Anthracene	17.856	178	700412	49.438	ng	97
73) Carbazole	18.132	167	598926	48.390	ng	98
74) Di-n-butylphthalate	18.631	149	708644	47.367	ng	96
75) Fluoranthene	19.754	202	761007	46.538	ng	98
77) Benzidine	19.942	184	244475	48.999	ng	95
78) Pyrene	20.118	202	728977	48.693	ng	99
80) Butylbenzylphthalate	20.976	149	303287	49.405	ng	97
81) Benzo(a)anthracene	22.027	228	715799	47.545	ng	97
82) 3,3'-Dichlorobenzidine	21.939	252	182040	32.456	ng	93
83) Chrysene	22.104	228	647900	46.946	ng	96
84) Bis(2-ethylhexyl)phtha...	21.857	149	410112	47.790	ng	# 99
85) Di-n-octyl phthalate	23.191	149	704690	42.656	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.801	276	788852	44.052	ng	# 78
88) Benzo(b)fluoranthene	24.477	252	746483	57.549	ng	99
89) Benzo(k)fluoranthene	24.554	252	654914	51.070	ng	98
90) Benzo(a)pyrene	25.465	252	612482	44.243	ng	# 98
91) Dibenzo(a,h)anthracene	29.901	278	667986	44.090	ng	# 92
92) Benzo(g,h,i)perylene	31.152	276	613429	42.672	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BG059756.D
 Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

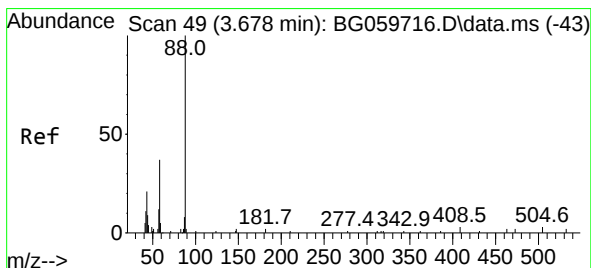
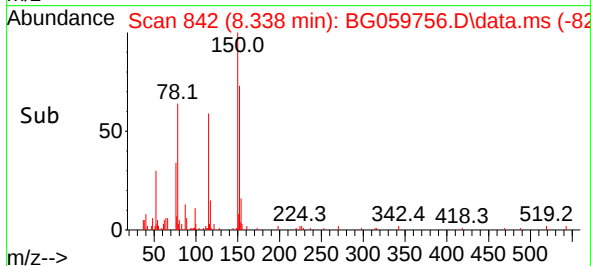
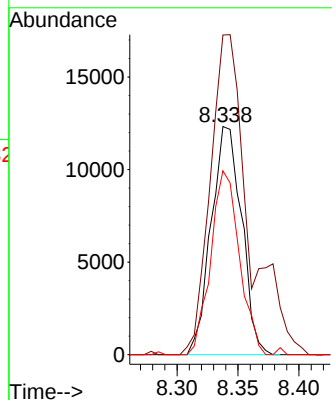
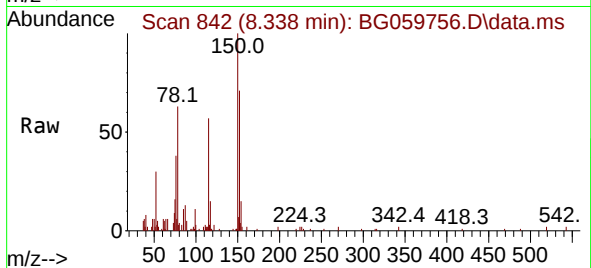
ClientSampleId :

TP-2MSD

Tgt Ion:152 Resp: 2146
 Ion Ratio Lower Upper
 152 100
 150 140.1 122.2 183.4
 115 80.6 54.2 81.4

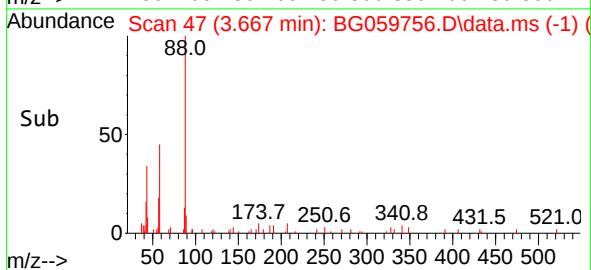
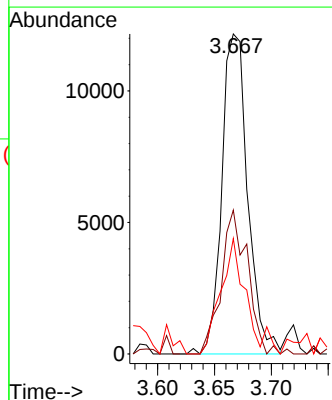
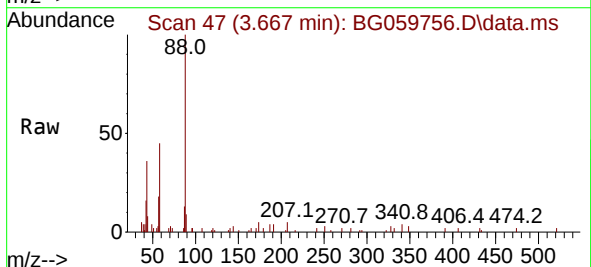
Manual Integrations
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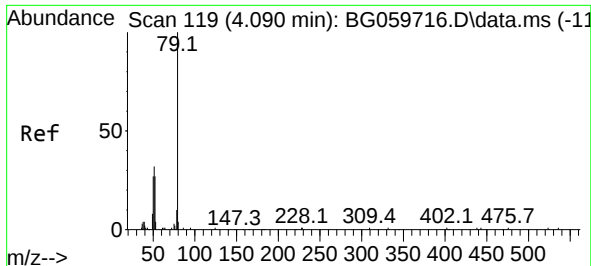
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#2
 1,4-Dioxane
 Concen: 32.135 ng
 RT: 3.667 min Scan# 47
 Delta R.T. -0.012 min
 Lab File: BG059756.D
 Acq: 18 Nov 2023 9:11

Tgt Ion: 88 Resp: 19245
 Ion Ratio Lower Upper
 88 100
 58 45.8 28.6 42.8#
 43 35.5 17.5 26.3#





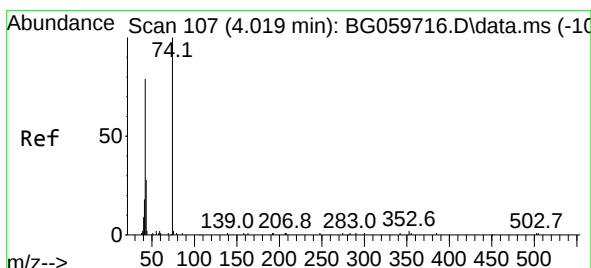
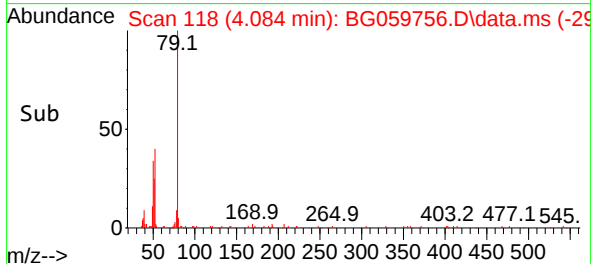
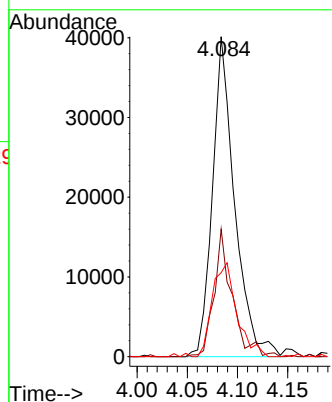
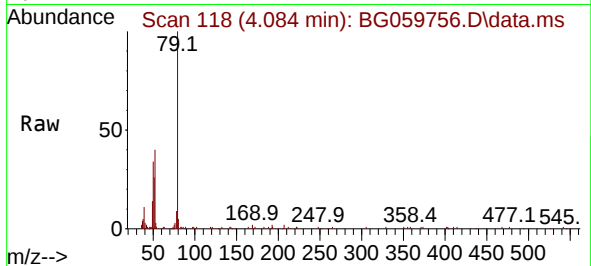
#3
Pyridine
Concen: 37.703 ng
RT: 4.084 min Scan# 119
Delta R.T. -0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
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ClientSampleId :
TP-2MSD

Tgt Ion: 79 Resp: 61670
Ion Ratio Lower Upper
79 100
52 39.9 21.6 32.4
51 26.2 25.3 37.9

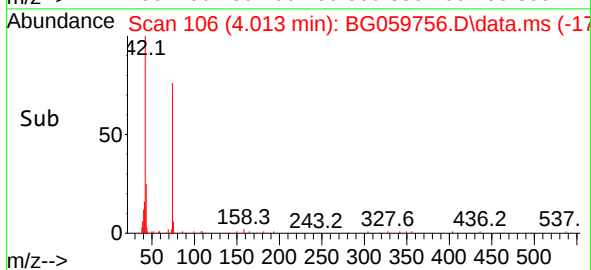
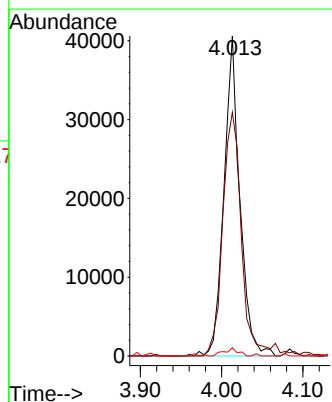
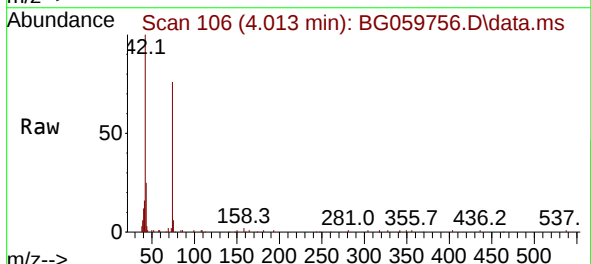
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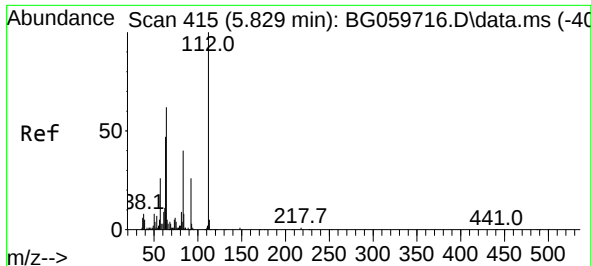
Reviewed By :Yogesh Patel 11/19/2023
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#4
n-Nitrosodimethylamine
Concen: 63.478 ng
RT: 4.013 min Scan# 106
Delta R.T. -0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion: 42 Resp: 55237
Ion Ratio Lower Upper
42 100
74 76.2 101.2 151.8
44 2.6 2.4 3.6





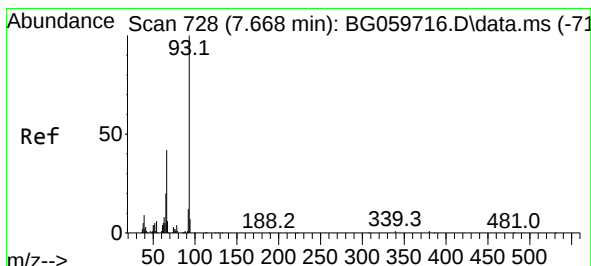
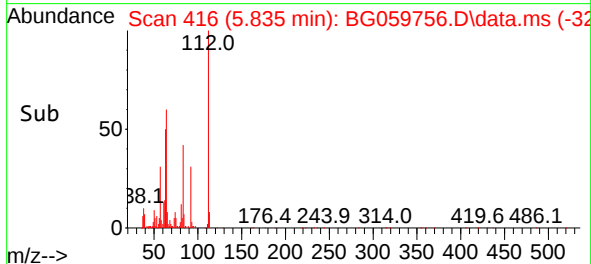
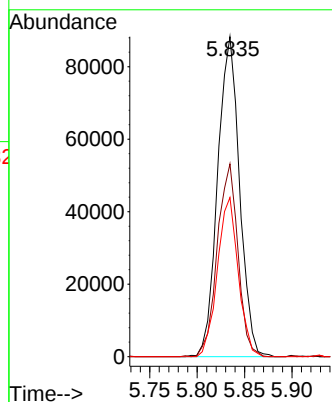
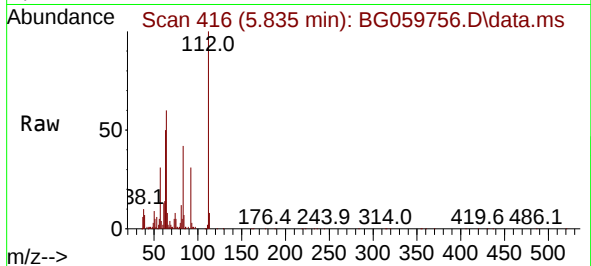
#5
2-Fluorophenol
Concen: 111.328 ng
RT: 5.835 min Scan# 415
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion: 112 Resp: 141950
Ion Ratio Lower Upper
112 100
64 60.3 49.5 74.3
63 49.8 37.4 56.2

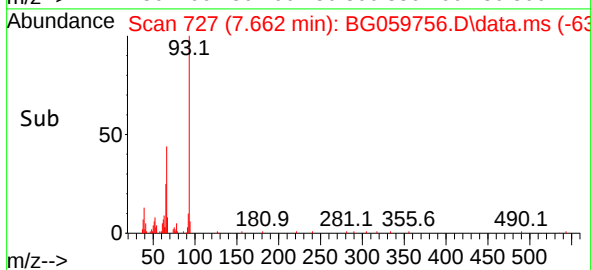
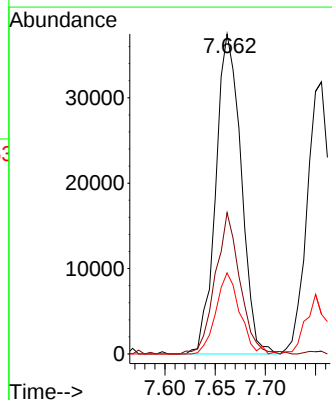
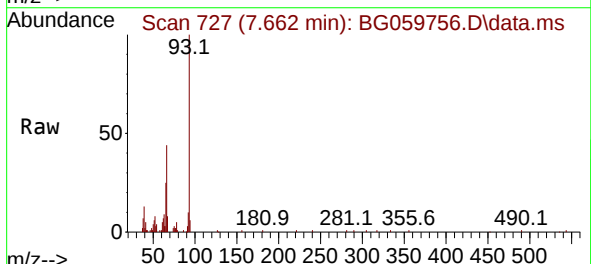
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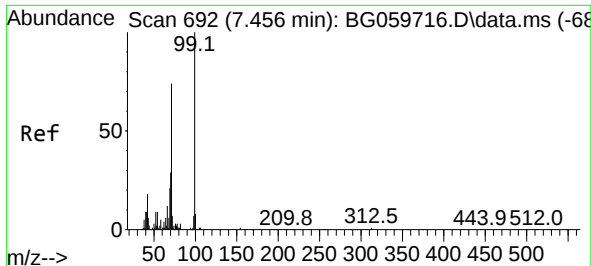
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#6
Aniline
Concen: 26.336 ng
RT: 7.662 min Scan# 727
Delta R.T. -0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion: 93 Resp: 65671
Ion Ratio Lower Upper
93 100
66 44.1 33.9 50.9
65 25.3 15.8 23.8#





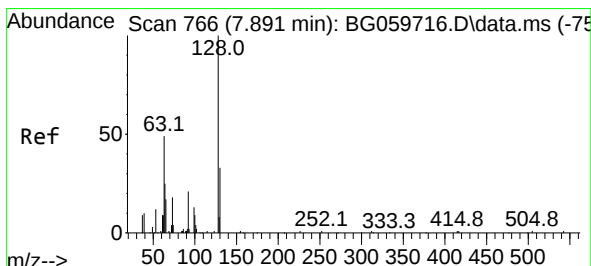
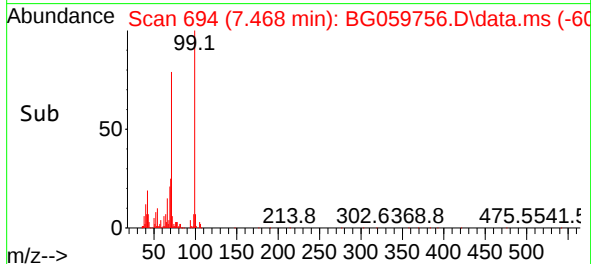
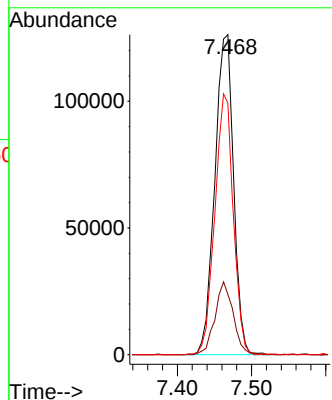
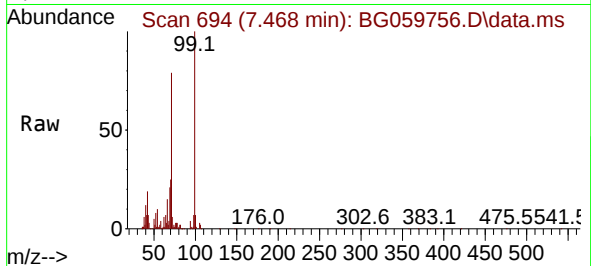
#7
Phenol-d6
Concen: 117.524 ng
RT: 7.468 min Scan# 692
Delta R.T. 0.012 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
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Tgt Ion: 99 Resp: 222064
Ion Ratio Lower Upper
99 100
42 18.8 14.3 21.5
71 78.6 59.3 88.9

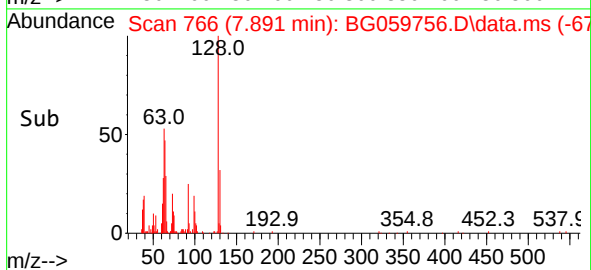
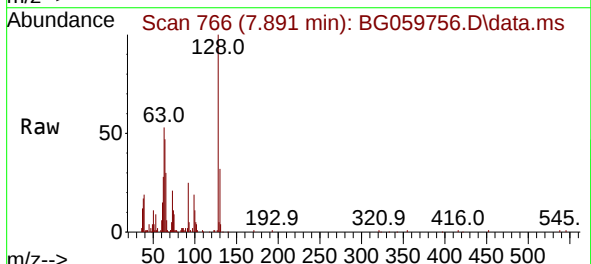
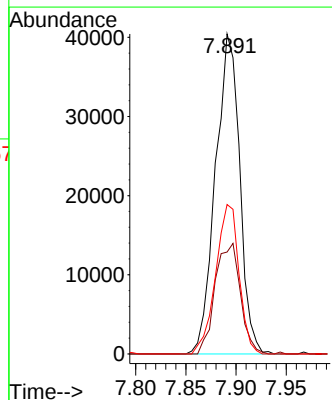
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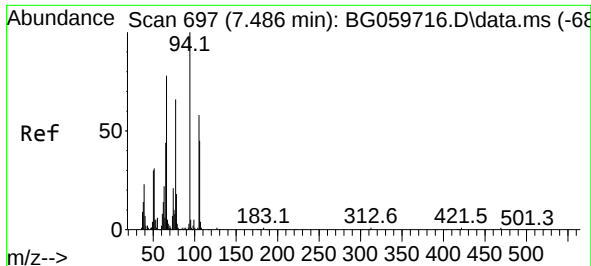
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#8
2-Chlorophenol
Concen: 49.018 ng
RT: 7.891 min Scan# 766
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:128 Resp: 67805
Ion Ratio Lower Upper
128 100
130 31.9 13.1 53.1
64 46.7 27.0 67.0





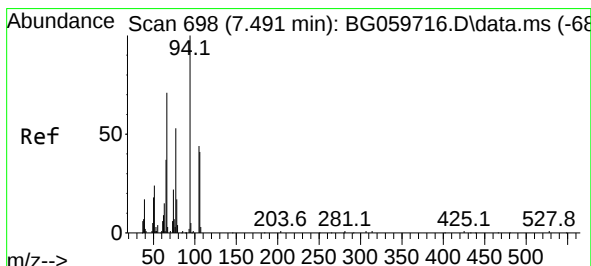
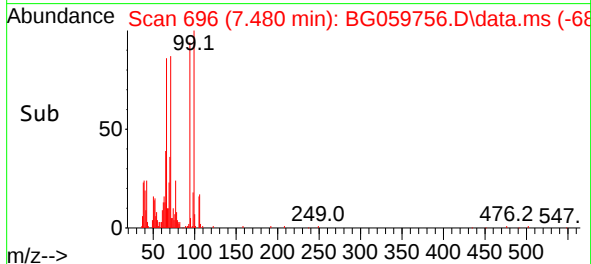
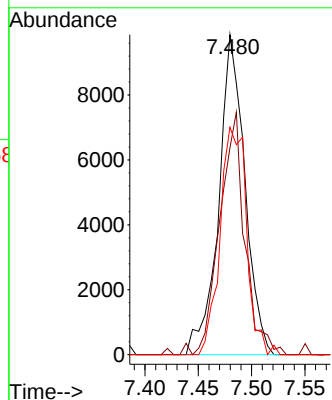
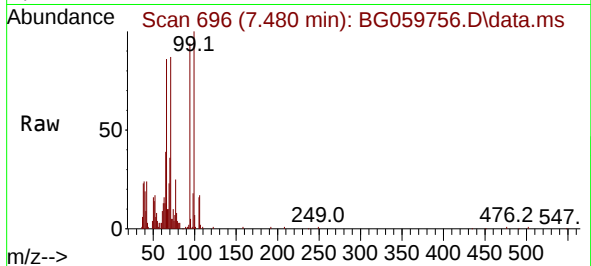
#9
Benzaldehyde
Concen: 13.164 ng
RT: 7.480 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion: 77 Resp: 1681
Ion Ratio Lower Upper
77 100
105 64.7 68.0 108.0
106 71.1 48.1 88.1

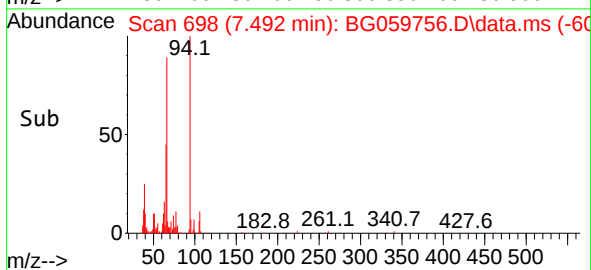
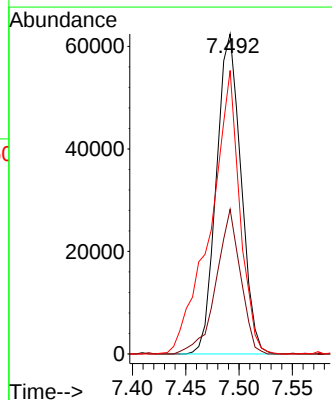
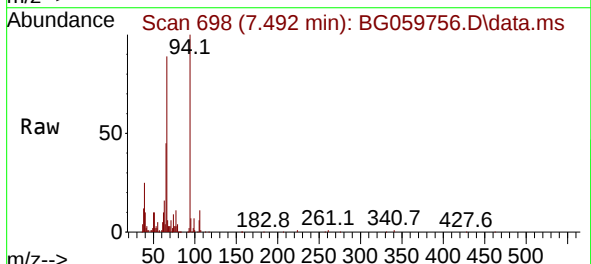
Manual Integrations
APPROVED

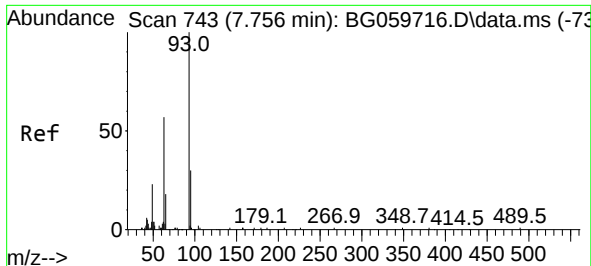
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#10
Phenol
Concen: 51.289 ng
RT: 7.492 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

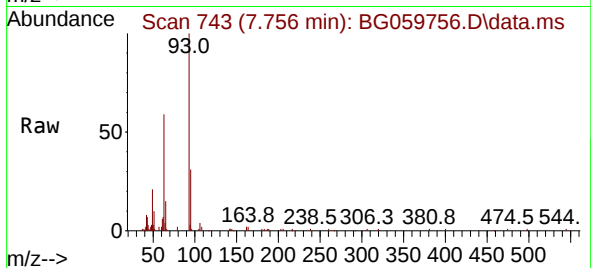
Tgt Ion: 94 Resp: 99880
Ion Ratio Lower Upper
94 100
65 45.2 18.1 58.1
66 88.6 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 43.630 ng
RT: 7.756 min Scan# 743
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

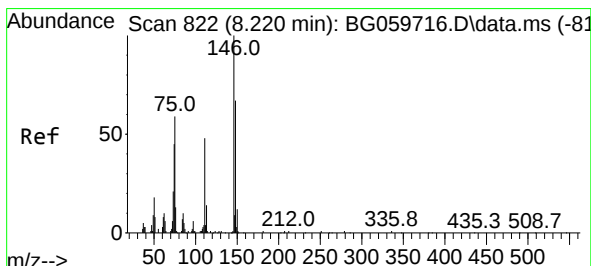
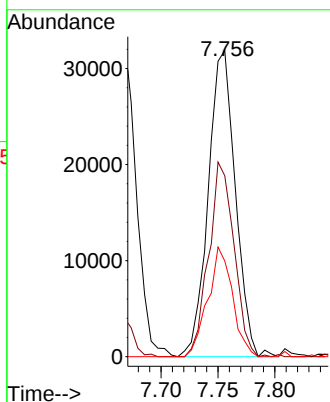
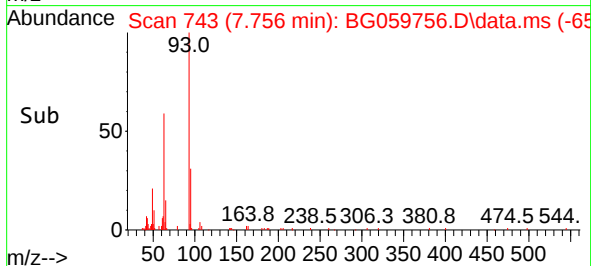
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion: 93 Resp: 52892
Ion Ratio Lower Upper
93 100
63 59.1 37.2 77.2
95 31.2 10.2 50.2

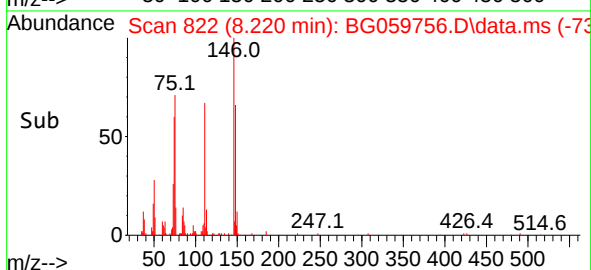
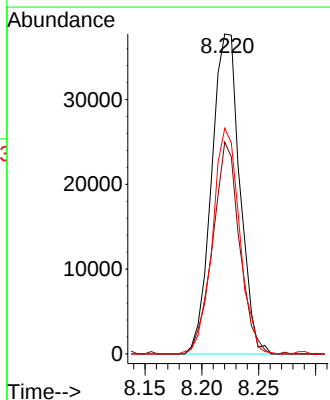
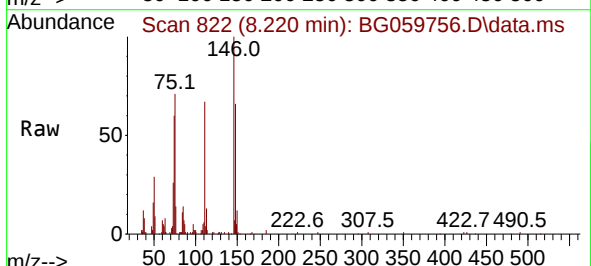
Manual Integrations
APPROVED

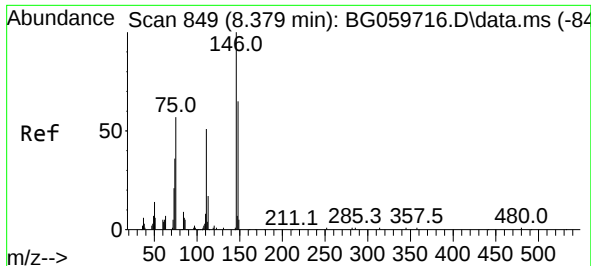
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#12
1,3-Dichlorobenzene
Concen: 42.376 ng
RT: 8.220 min Scan# 822
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:146 Resp: 65110
Ion Ratio Lower Upper
146 100
148 66.2 53.9 80.9
75 70.5 47.5 71.3





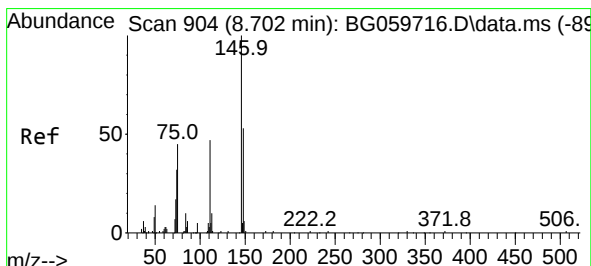
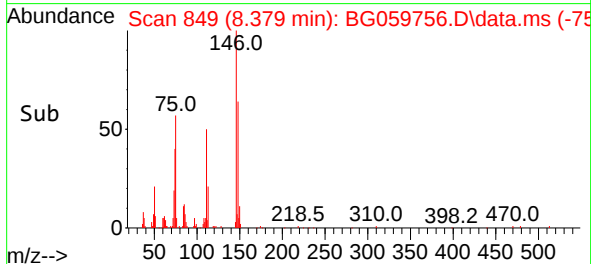
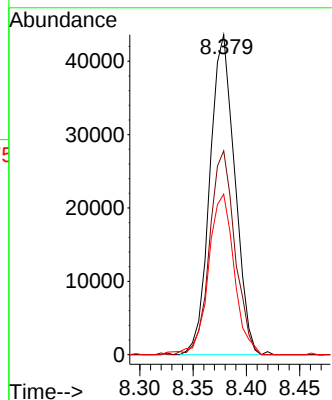
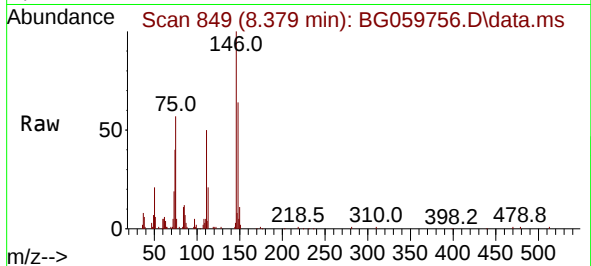
#13
1,4-Dichlorobenzene
Concen: 46.056 ng
RT: 8.379 min Scan# 849
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
Client SampleId :
TP-2MSD

Tgt Ion:146 Resp: 71062
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
111 50.2 41.2 61.8

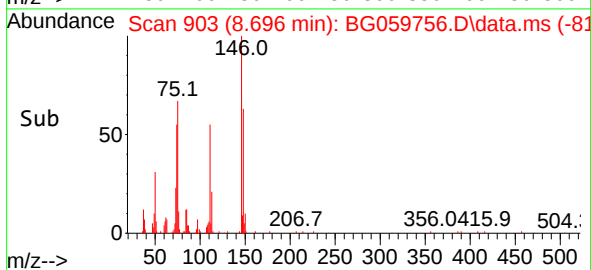
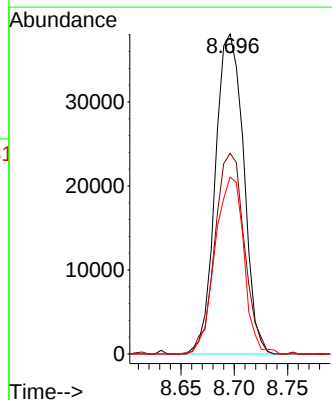
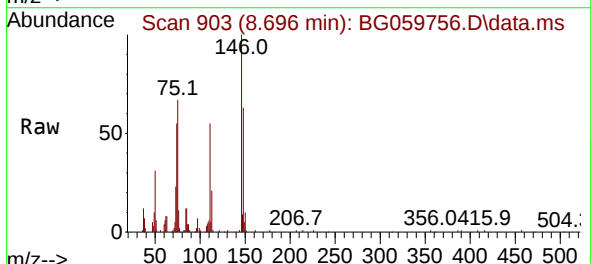
Manual Integrations
APPROVED

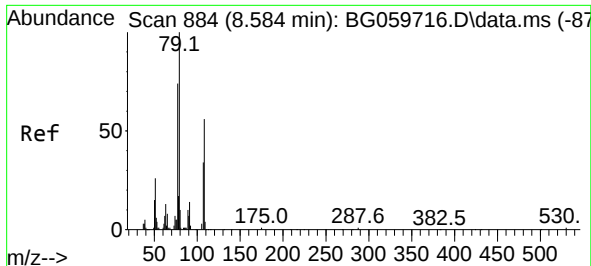
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#14
1,2-Dichlorobenzene
Concen: 45.721 ng
RT: 8.696 min Scan# 903
Delta R.T. -0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

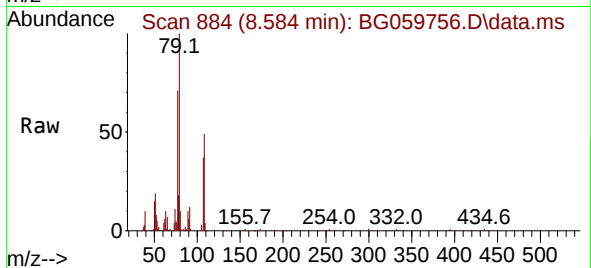
Tgt Ion:146 Resp: 70087
Ion Ratio Lower Upper
146 100
148 62.7 43.1 64.7
111 55.3 38.3 57.5





#15
Benzyl Alcohol
Concen: 50.399 ng
RT: 8.584 min Scan# 884
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

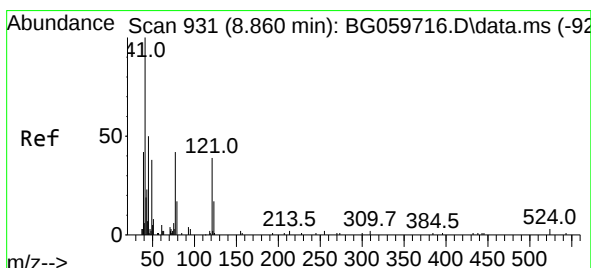
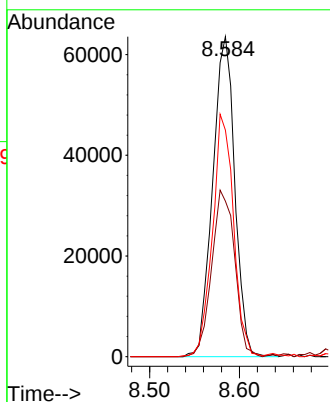
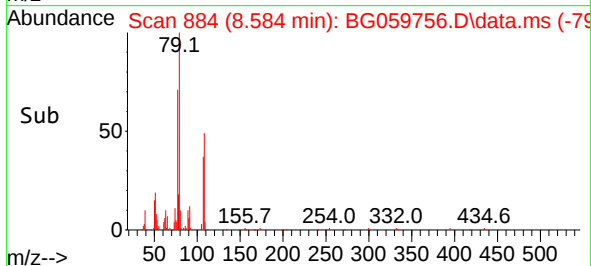
Instrument :
BNA_G
Client SampleId :
TP-2MSD



Tgt Ion: 79 Resp: 108594
Ion Ratio Lower Upper
79 100
108 48.6 45.4 68.2
77 70.8 59.4 89.2

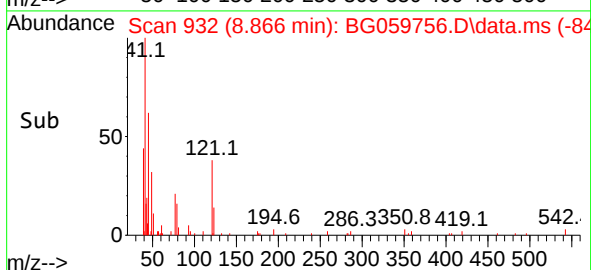
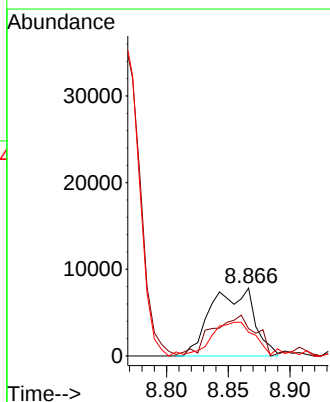
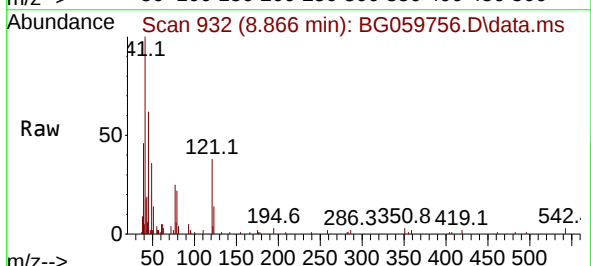
Manual Integrations
APPROVED

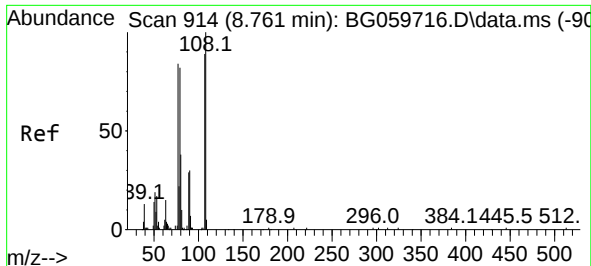
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.797 ng m
RT: 8.866 min Scan# 932
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion: 45 Resp: 19088
Ion Ratio Lower Upper
45 100
77 40.1 63.6 103.6#
79 35.0 19.6 59.6





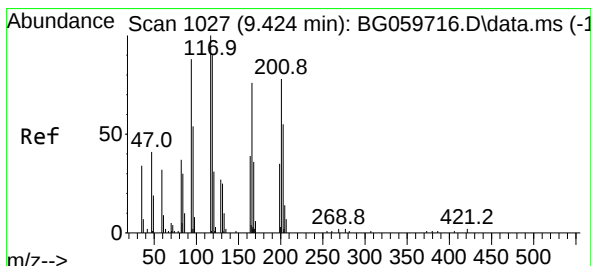
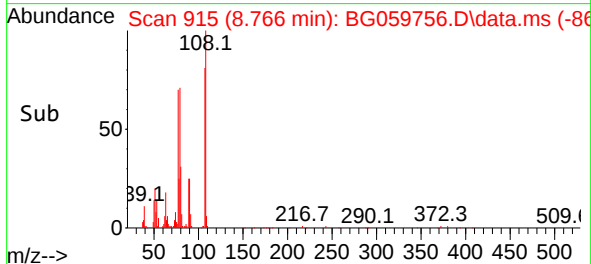
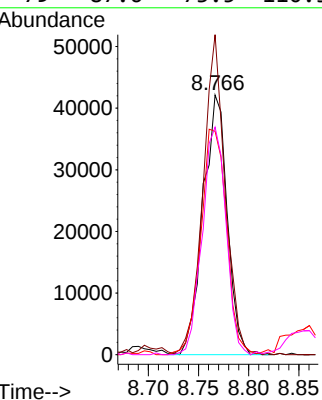
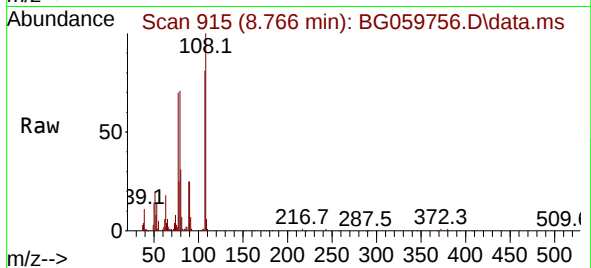
#17
2-Methylphenol
Concen: 49.094 ng
RT: 8.766 min Scan# 914
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
Client Sample Id :
TP-2MSD

Tgt Ion:107 Resp: 70420
Ion Ratio Lower Upper
107 100
108 123.2 90.0 135.0
77 86.1 76.5 114.7
79 87.6 73.5 110.3

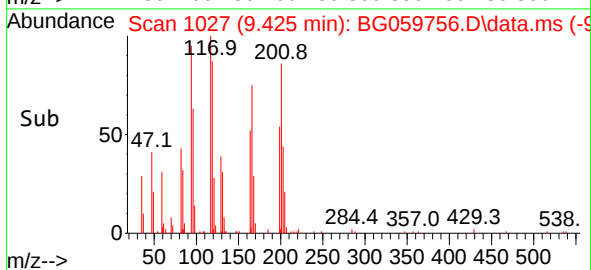
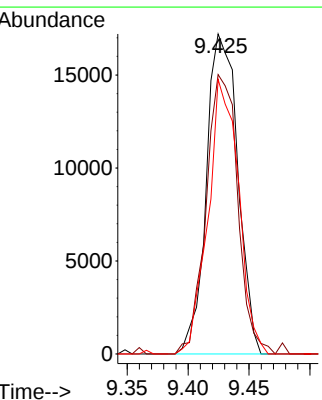
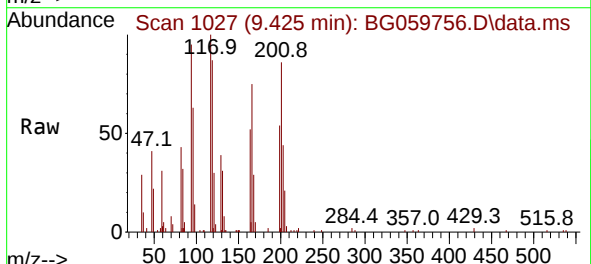
Manual Integrations
APPROVED

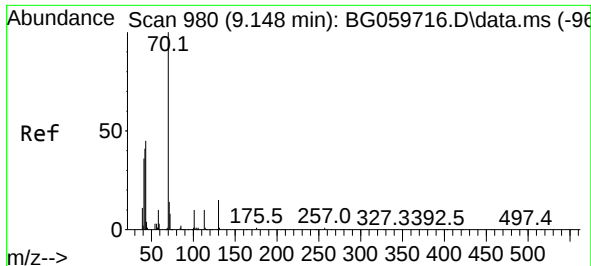
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#18
Hexachloroethane
Concen: 47.140 ng
RT: 9.425 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:117 Resp: 30871
Ion Ratio Lower Upper
117 100
119 87.3 71.8 107.8
201 85.8 62.2 93.4





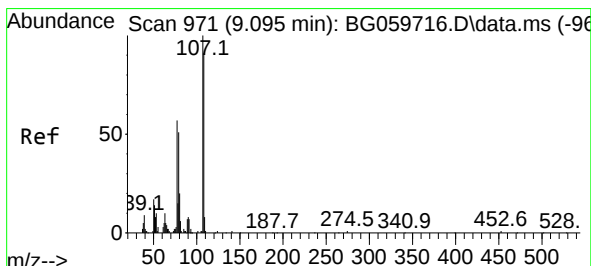
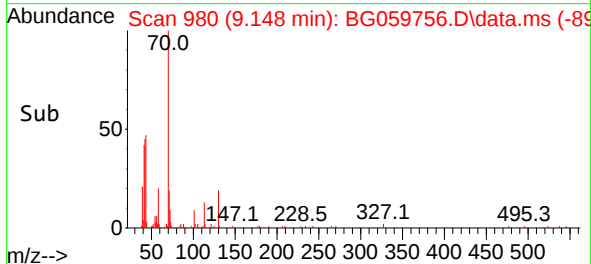
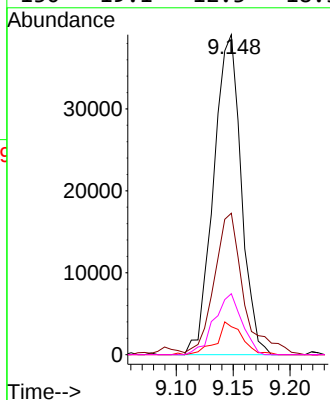
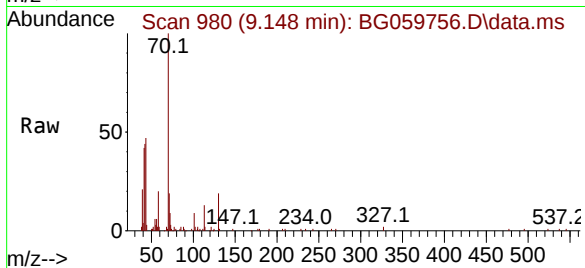
#19
n-Nitroso-di-n-propylamine
Concen: 44.288 ng
RT: 9.148 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion: 70 Resp: 6589
Ion Ratio Lower Upper
70 100
42 44.2 32.8 49.2
101 8.7 7.7 11.5
130 19.1 12.3 18.5#

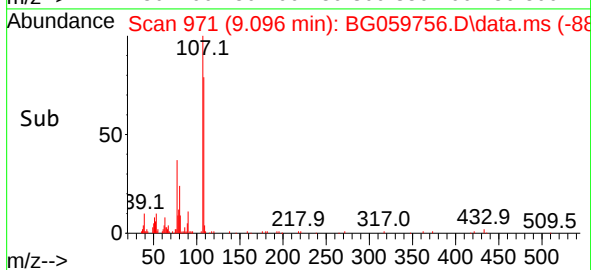
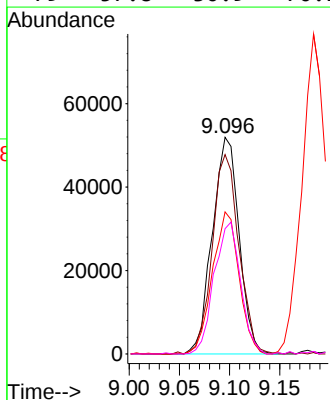
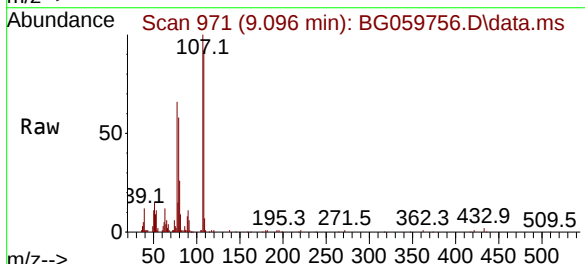
Manual Integrations
APPROVED

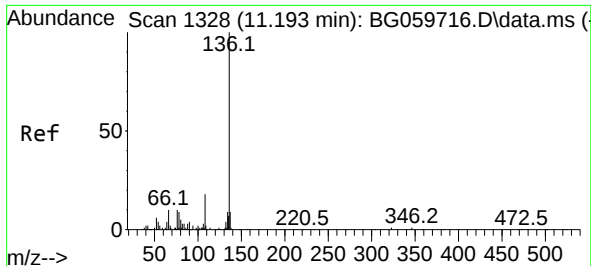
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#20
3+4-Methylphenols
Concen: 48.229 ng
RT: 9.096 min Scan# 971
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:107 Resp: 96038
Ion Ratio Lower Upper
107 100
108 92.0 71.1 111.1
77 65.6 37.5 77.5
79 57.8 30.9 70.9





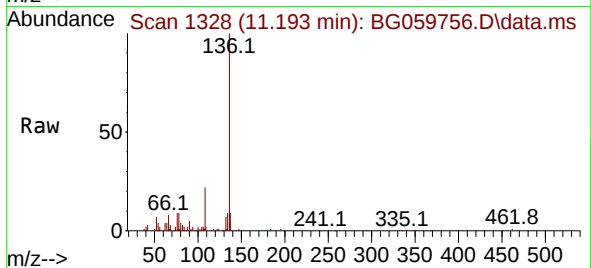
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

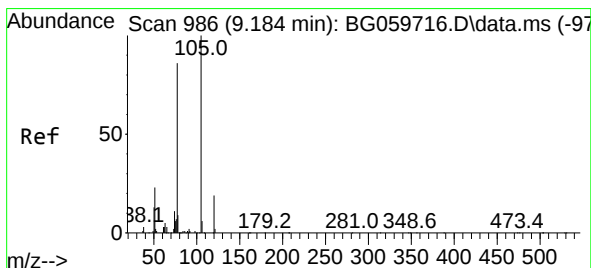
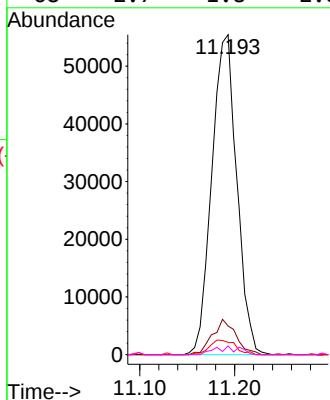
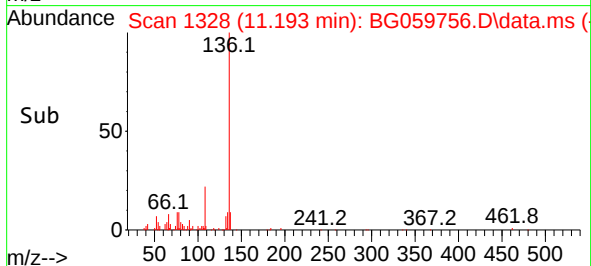


Tgt Ion:136 Resp: 10154
Ion Ratio Lower Upper
136 100
137 8.9 7.4 11.0
54 3.9 3.1 4.7
68 2.7 1.8 2.8

Manual Integrations

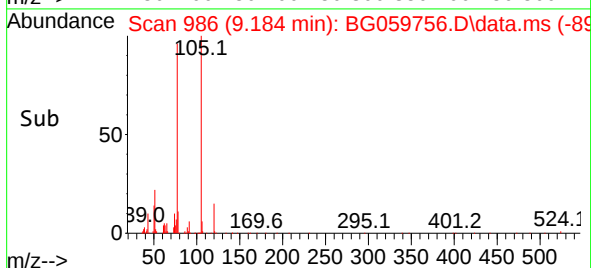
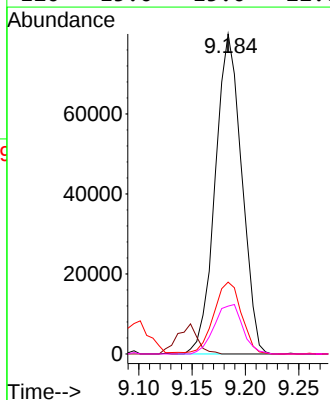
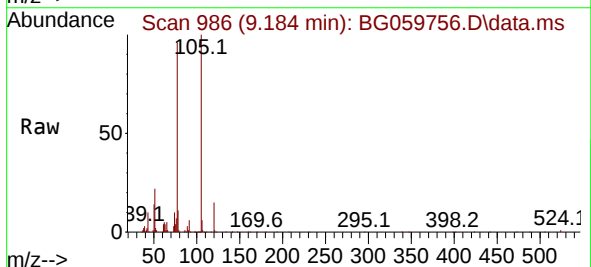
APPROVED

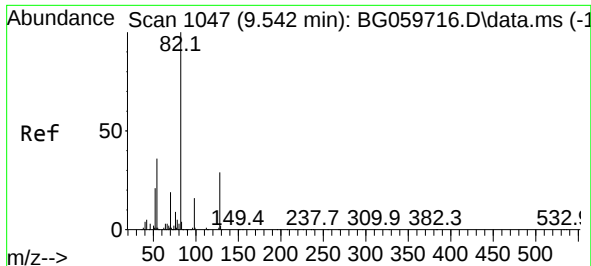
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#22
Acetophenone
Concen: 47.983 ng
RT: 9.184 min Scan# 986
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

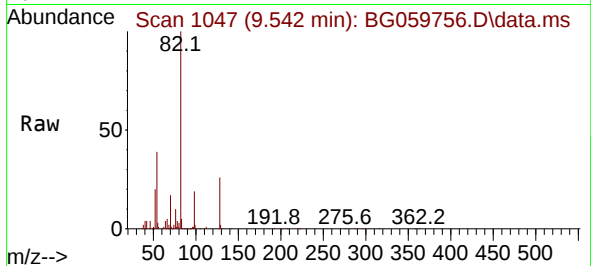
Tgt Ion:105 Resp: 137949
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 22.5 18.4 27.6
120 15.0 15.0 22.6#





#23
Nitrobenzene-d5
Concen: 74.803 ng
RT: 9.542 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

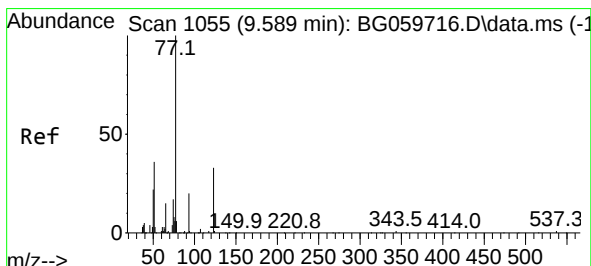
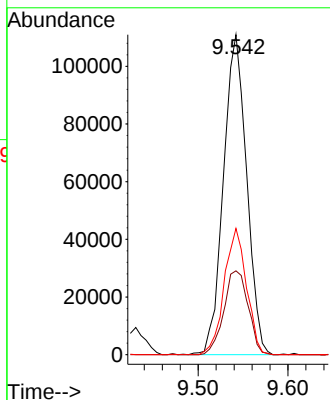
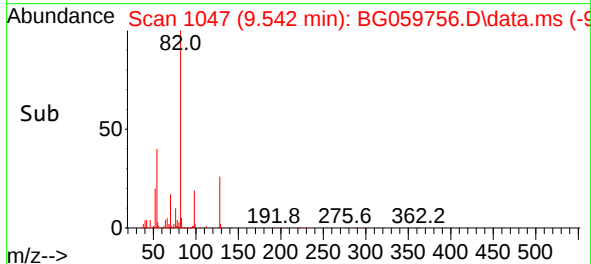
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion: 82 Resp: 19889
Ion Ratio Lower Upper
82 100
128 26.2 23.0 34.6
54 39.5 28.7 43.1

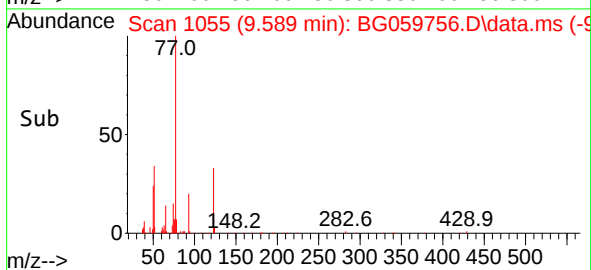
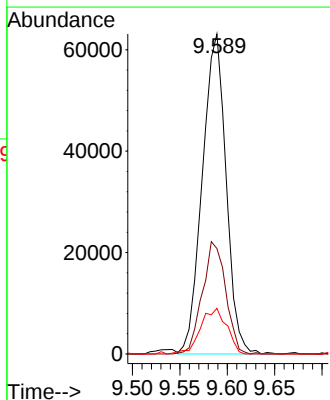
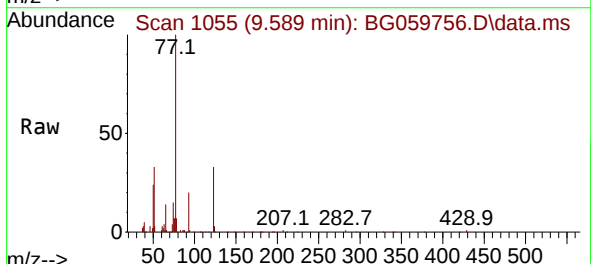
Manual Integrations
APPROVED

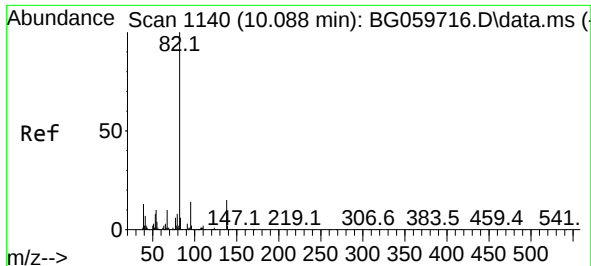
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#24
Nitrobenzene
Concen: 44.846 ng
RT: 9.589 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

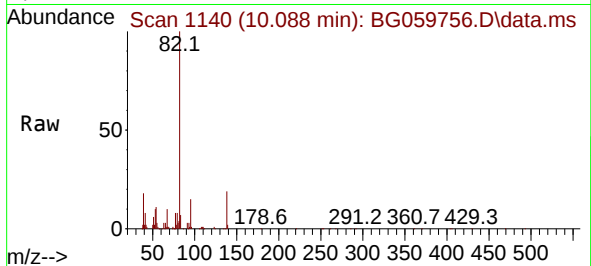
Tgt Ion: 77 Resp: 109819
Ion Ratio Lower Upper
77 100
123 32.9 26.1 39.1
65 14.3 12.1 18.1





#25
Isophorone
Concen: 43.773 ng
RT: 10.088 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

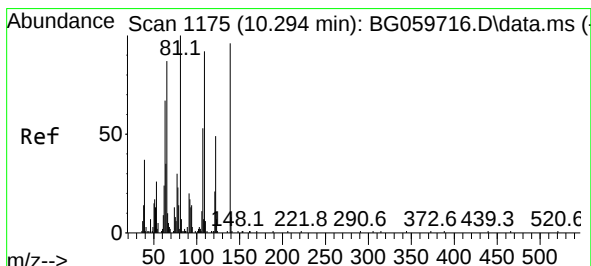
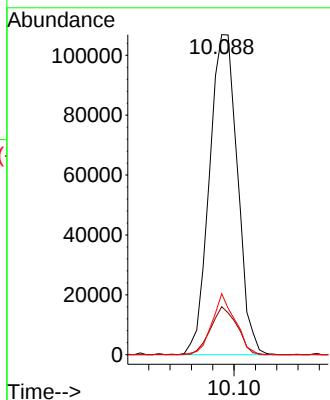
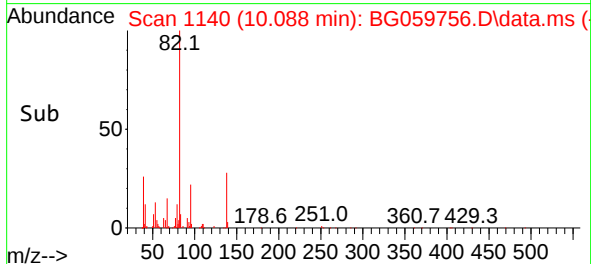
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion: 82 Resp: 195392
Ion Ratio Lower Upper
82 100
95 15.0 11.4 17.0
138 19.1 12.1 18.1

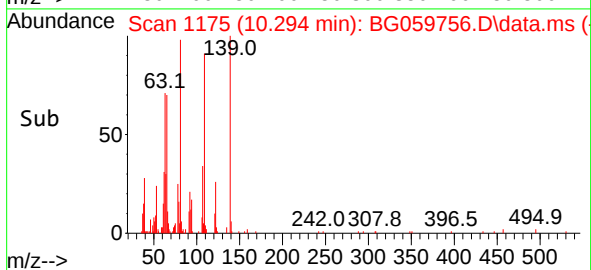
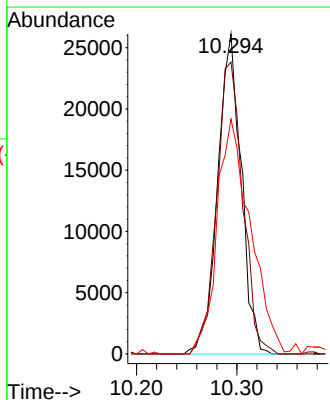
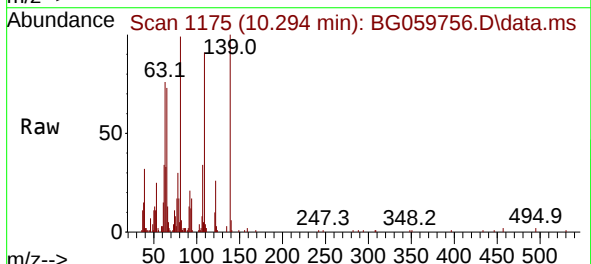
Manual Integrations
APPROVED

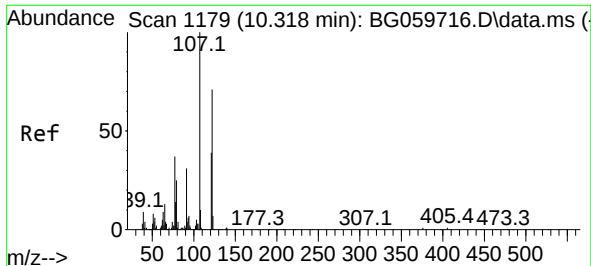
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#26
2-Nitrophenol
Concen: 47.303 ng
RT: 10.294 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

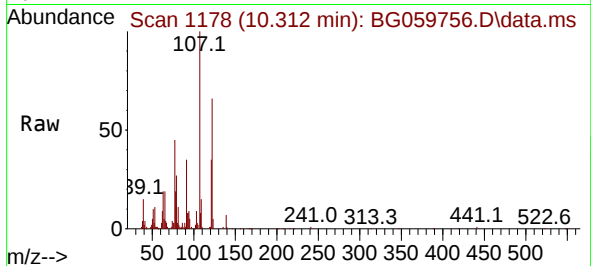
Tgt Ion:139 Resp: 42467
Ion Ratio Lower Upper
139 100
109 91.2 76.7 115.1
65 73.4 72.1 108.1





#27
2,4-Dimethylphenol
Concen: 40.067 ng
RT: 10.312 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

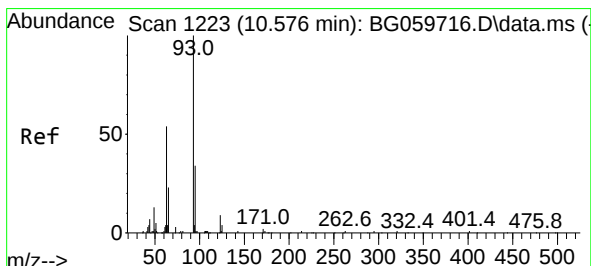
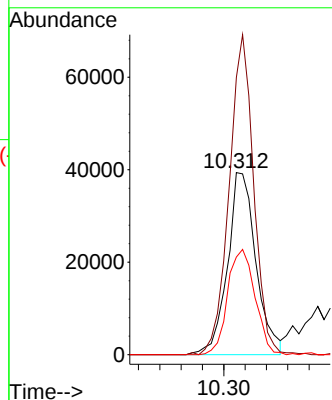
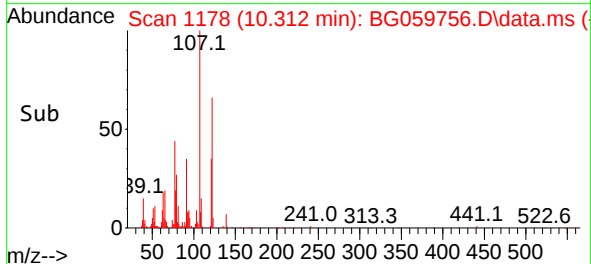
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:122 Resp: 73138
Ion Ratio Lower Upper
122 100
107 152.2 112.1 168.1
121 53.6 43.2 64.8

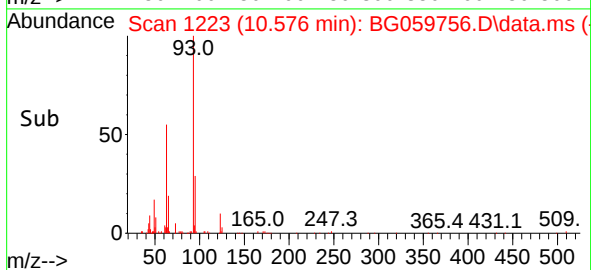
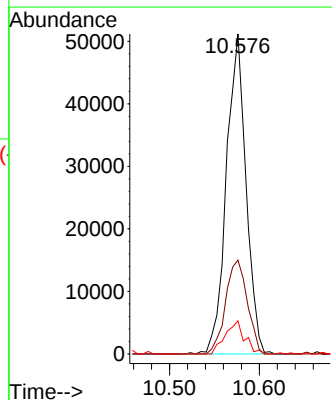
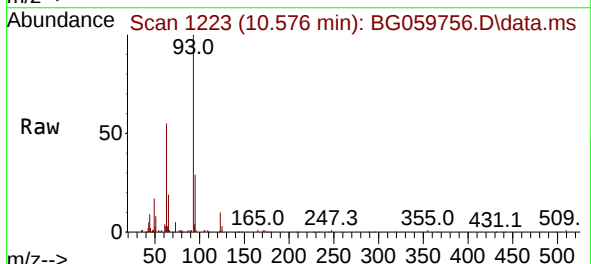
Manual Integrations
APPROVED

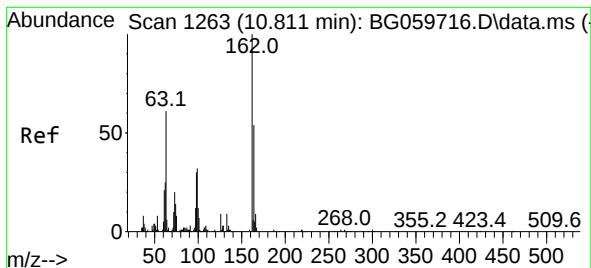
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.384 ng
RT: 10.576 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion: 93 Resp: 77804
Ion Ratio Lower Upper
93 100
95 29.3 27.0 40.6
123 10.4 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 51.162 ng
RT: 10.817 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

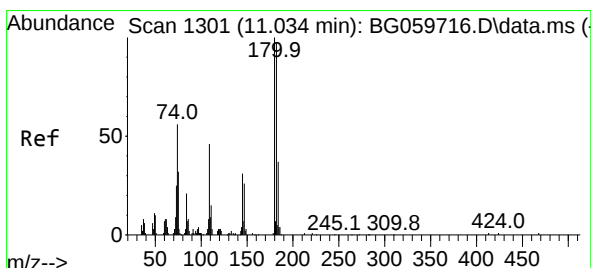
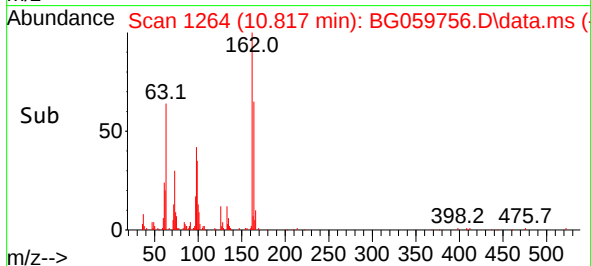
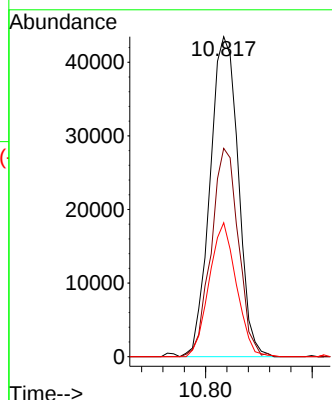
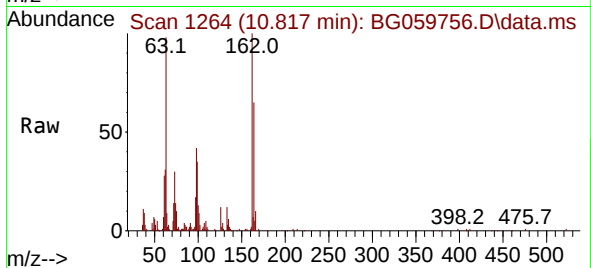
ClientSampleId :

TP-2MSD

Tgt Ion:162 Resp: 79734
Ion Ratio Lower Upper
162 100
164 65.1 33.6 73.6
98 41.9 10.7 50.7

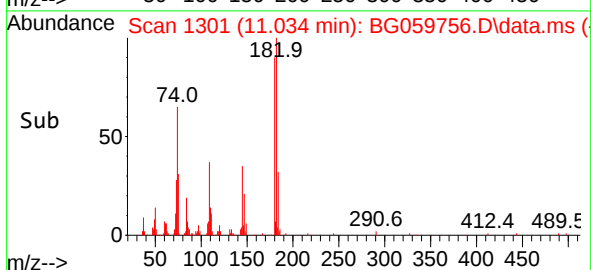
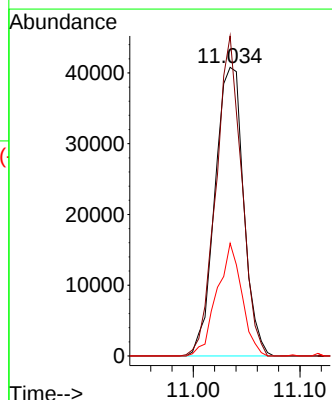
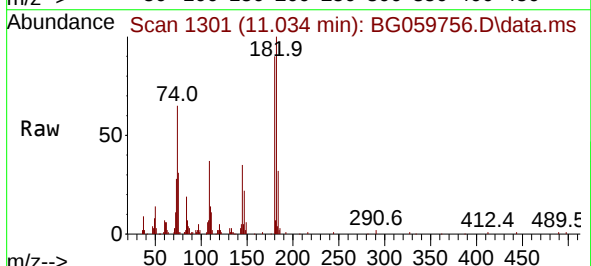
Manual Integrations
APPROVED

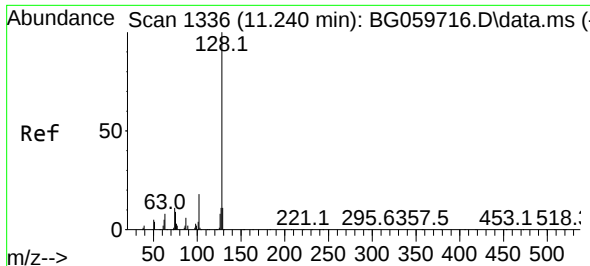
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.357 ng
RT: 11.034 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

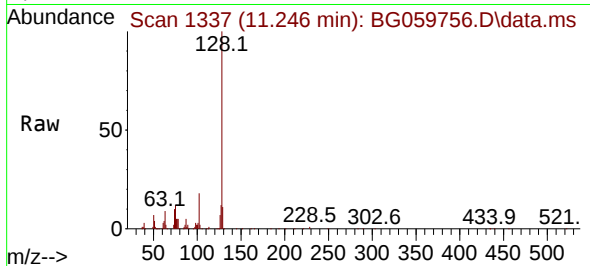
Tgt Ion:180 Resp: 76164
Ion Ratio Lower Upper
180 100
182 110.9 77.4 116.2
145 39.0 24.4 36.6#





#31
Naphthalene
Concen: 47.273 ng
RT: 11.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

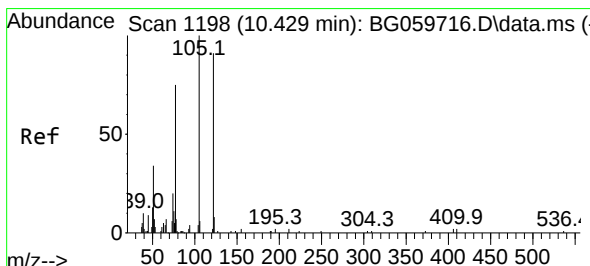
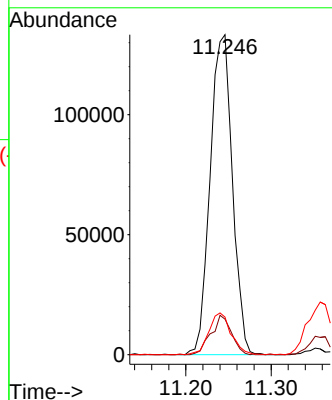
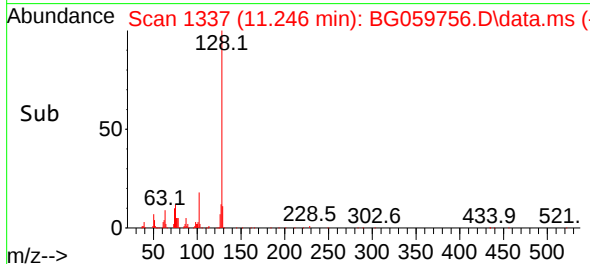
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



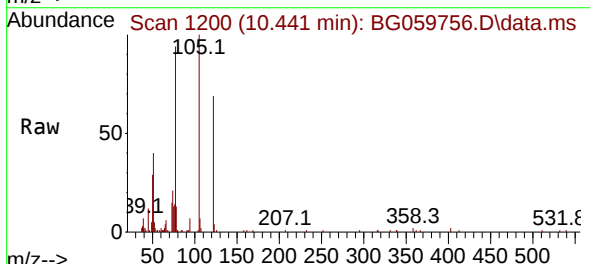
Tgt Ion:128 Resp: 241384
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 11.7 9.2 13.8

Manual Integrations
APPROVED

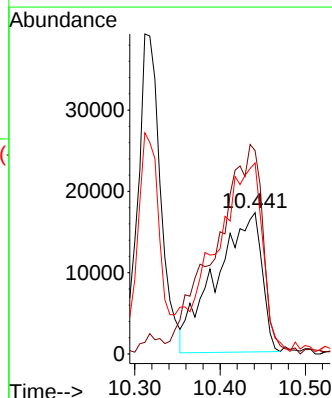
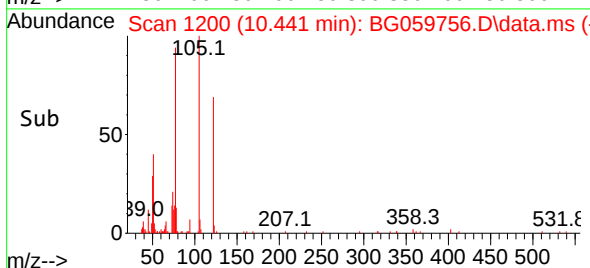
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

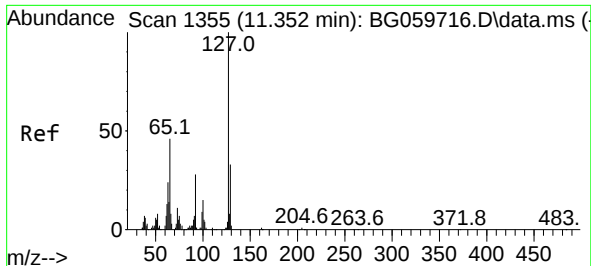


#32
Benzoic acid
Concen: 51.487 ng
RT: 10.441 min Scan# 1200
Delta R.T. 0.012 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



Tgt Ion:122 Resp: 63961
Ion Ratio Lower Upper
122 100
105 144.0 103.7 143.7#
77 135.3 82.3 122.3#





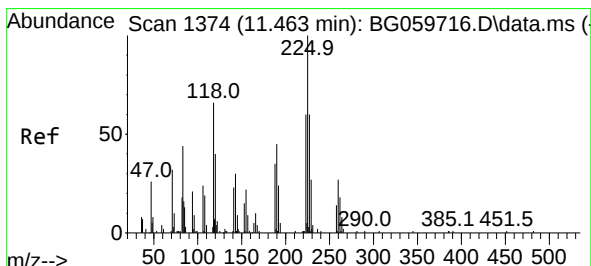
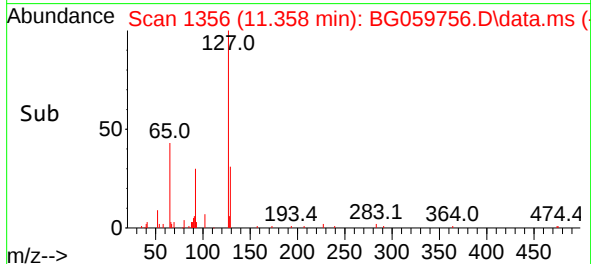
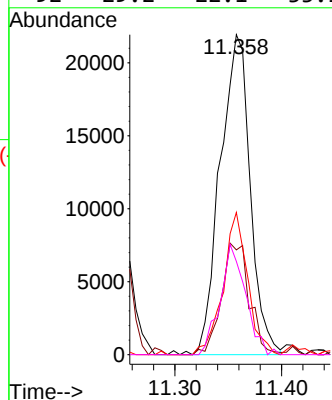
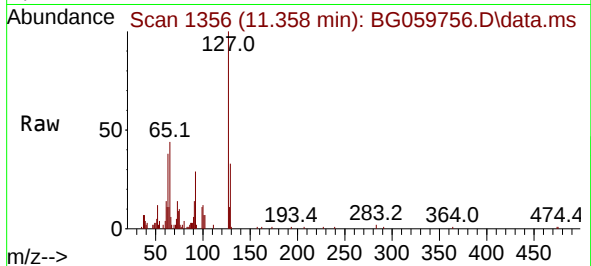
#33
4-Chloroaniline
Concen: 19.749 ng
RT: 11.358 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:	127	Resp:	4289
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.8	40.2
65	44.4	36.5	54.7
92	29.2	22.1	33.1

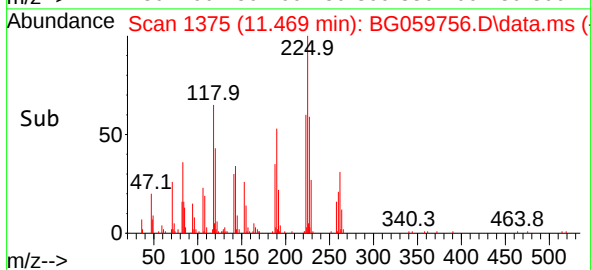
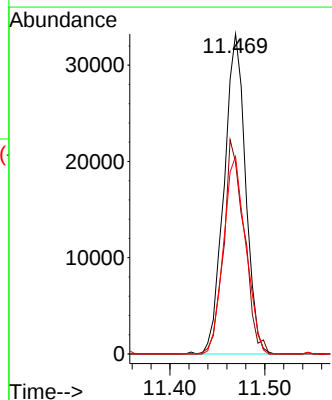
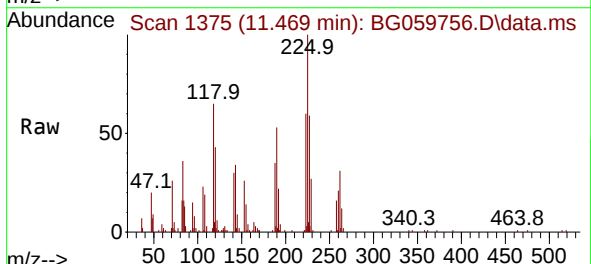
Manual Integrations
APPROVED

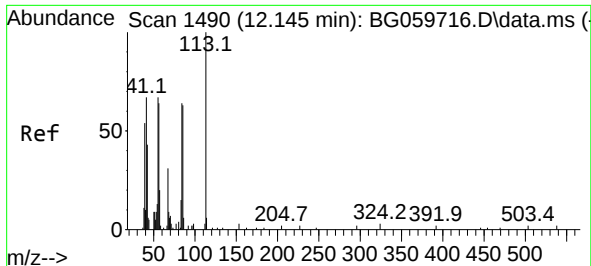
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#34
Hexachlorobutadiene
Concen: 48.778 ng
RT: 11.469 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:	225	Resp:	52288
Ion Ratio	Lower	Upper	
225	100		
223	59.8	46.6	69.8
227	61.7	48.2	72.2





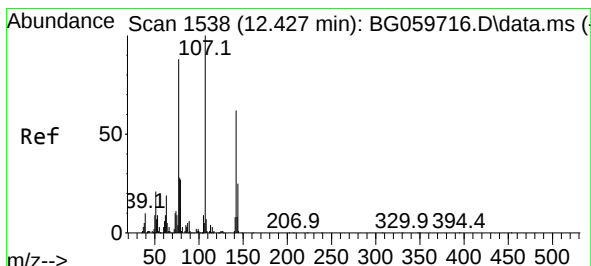
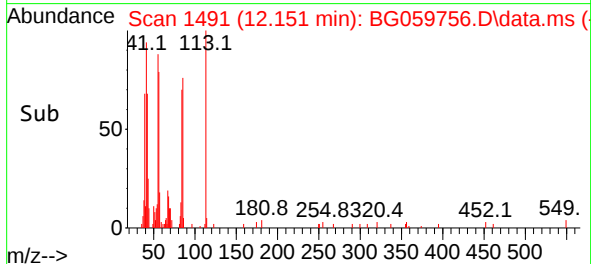
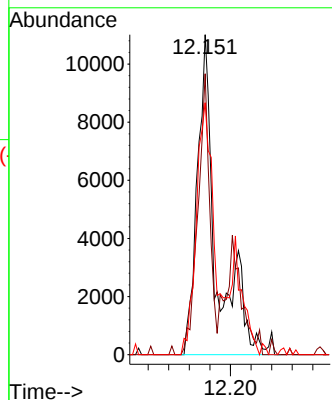
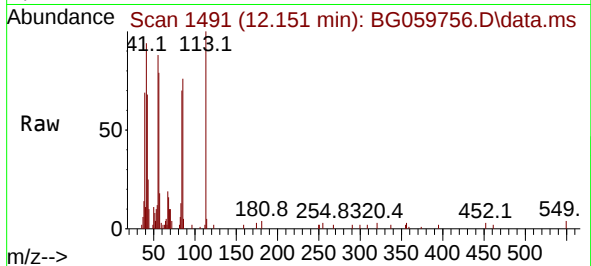
#35
Caprolactam
Concen: 49.788 ng m
RT: 12.151 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:113 Resp: 28358
Ion Ratio Lower Upper
113 100
55 87.8 47.1 87.1
56 78.8 43.7 83.7

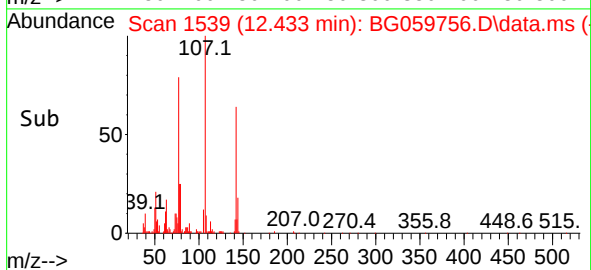
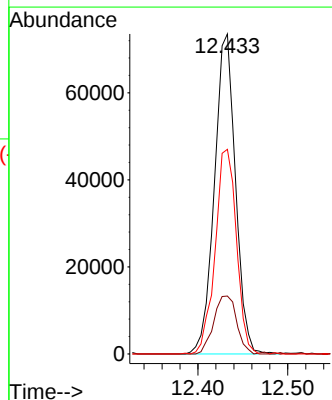
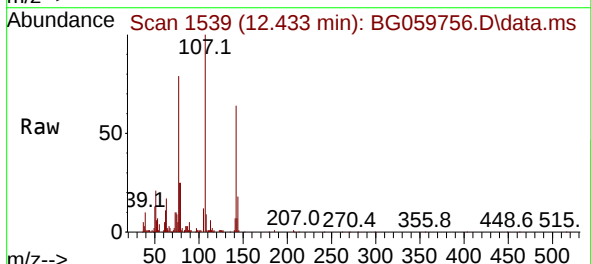
Manual Integrations
APPROVED

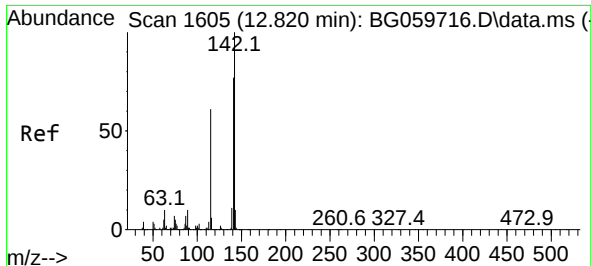
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#36
4-Chloro-3-methylphenol
Concen: 57.745 ng
RT: 12.433 min Scan# 1539
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:107 Resp: 119686
Ion Ratio Lower Upper
107 100
144 18.1 20.2 30.4
142 64.0 49.4 74.0





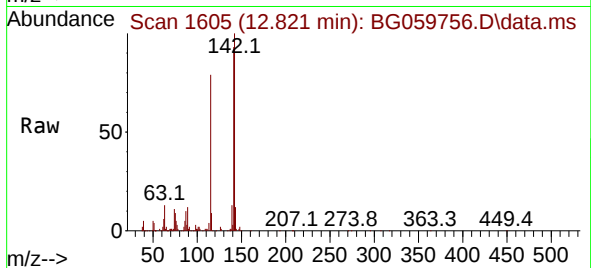
#37
2-Methylnaphthalene
Concen: 44.955 ng
RT: 12.821 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD



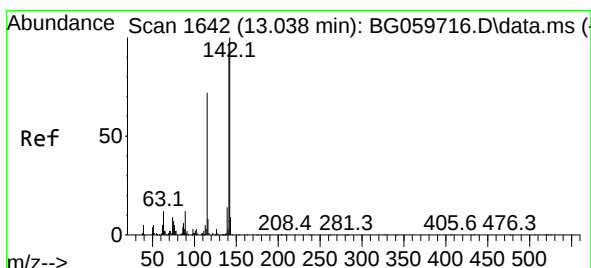
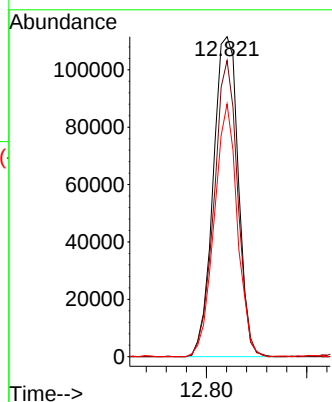
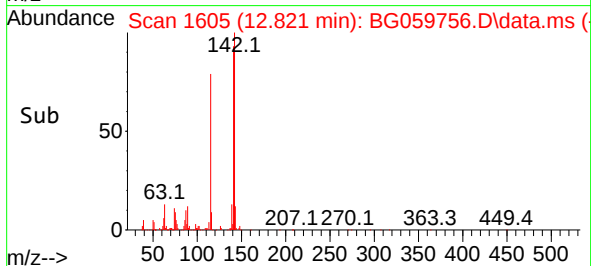
Tgt Ion:142 Resp: 19333
Ion Ratio Lower Upper
142 100
141 92.5 61.9 92.9
115 79.0 49.0 73.4

Manual Integrations

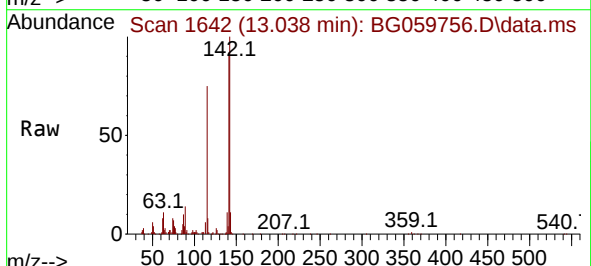
APPROVED

Reviewed By :Yogesh Patel 11/19/2023

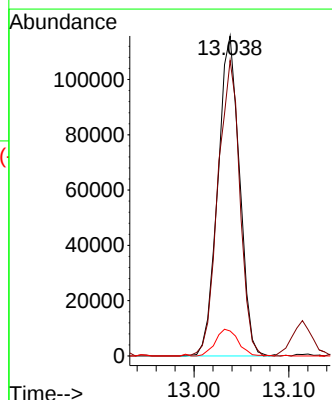
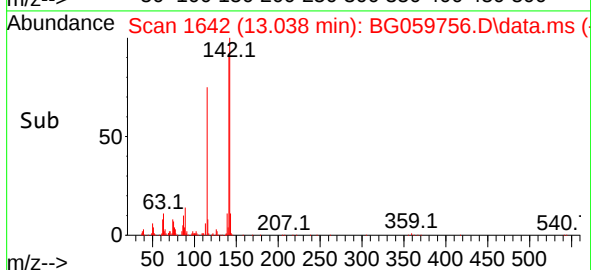
Supervised By :mohammad ahmed 11/21/2023

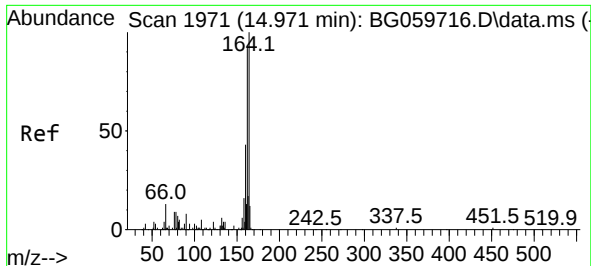


#38
1-Methylnaphthalene
Concen: 46.507 ng
RT: 13.038 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



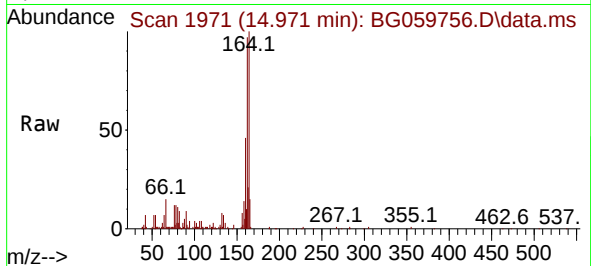
Tgt Ion:142 Resp: 184447
Ion Ratio Lower Upper
142 100
141 92.4 77.8 116.8
116 7.8 6.2 9.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

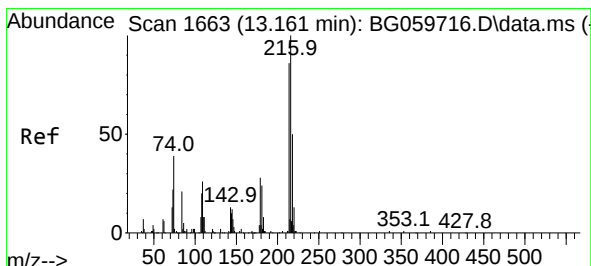
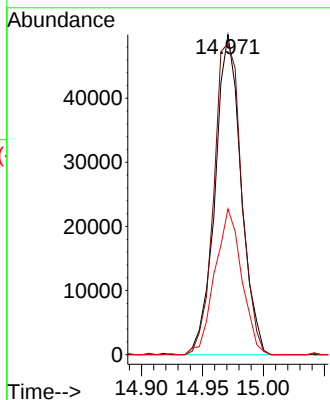
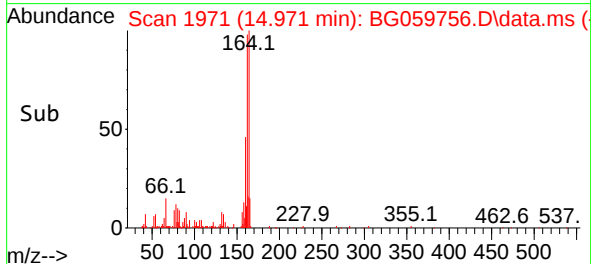
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



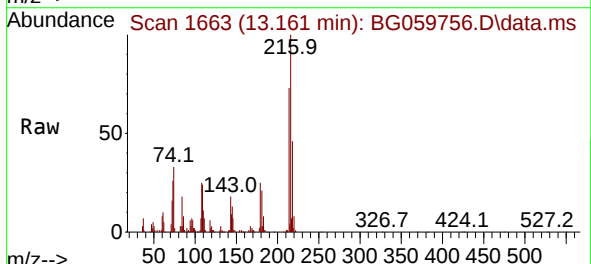
Tgt Ion:164 Resp: 74298
Ion Ratio Lower Upper
164 100
162 97.3 73.3 109.9
160 45.6 34.1 51.1

Manual Integrations
APPROVED

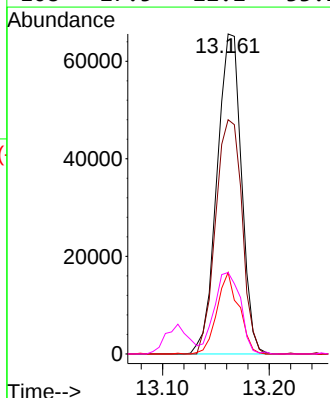
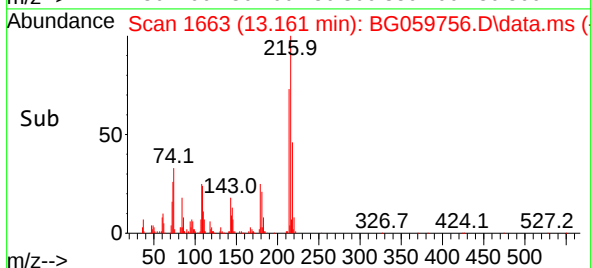
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

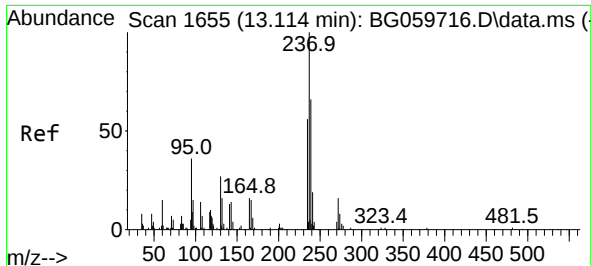


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.070 ng
RT: 13.161 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



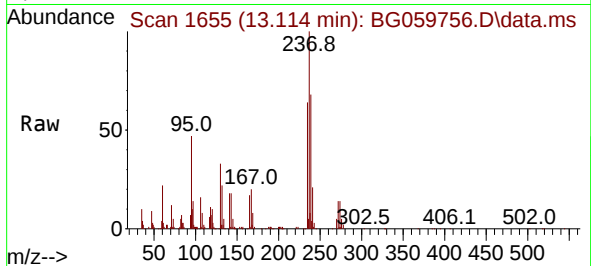
Tgt Ion:216 Resp: 104477
Ion Ratio Lower Upper
216 100
214 78.7 61.0 91.4
179 22.8 20.2 30.2
108 27.5 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 92.250 ng
RT: 13.114 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

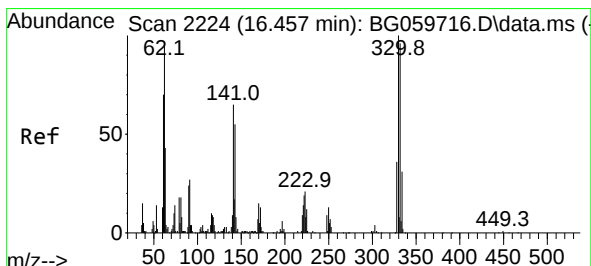
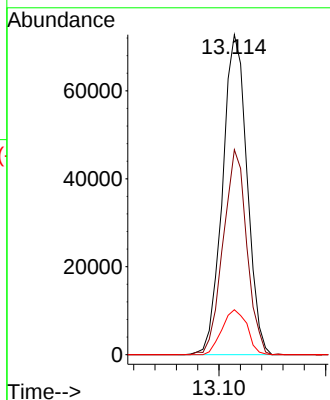
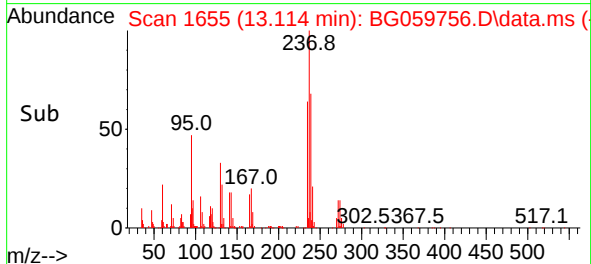
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion:237 Resp: 116100
Ion Ratio Lower Upper
237 100
235 64.0 36.0 76.0
272 14.1 0.0 36.5

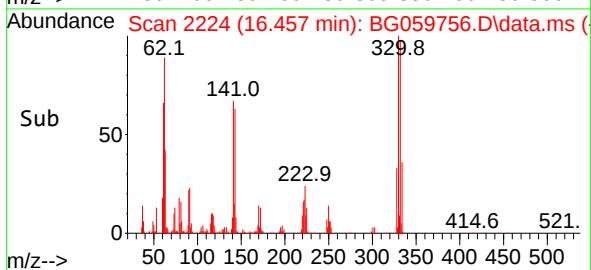
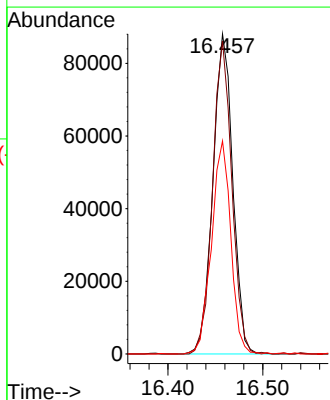
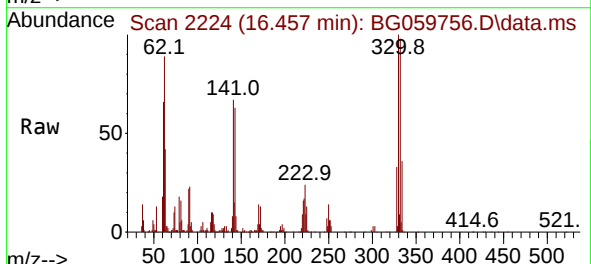
Manual Integrations
APPROVED

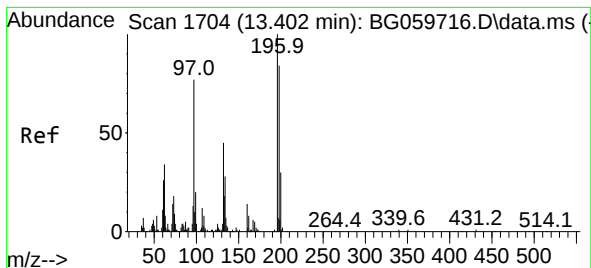
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#42
2,4,6-Tribromophenol
Concen: 152.288 ng
RT: 16.457 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:330 Resp: 128374
Ion Ratio Lower Upper
330 100
332 94.5 73.3 109.9
141 64.6 52.1 78.1





#43

2,4,6-Trichlorophenol

Concen: 55.965 ng

RT: 13.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:196 Resp: 7808

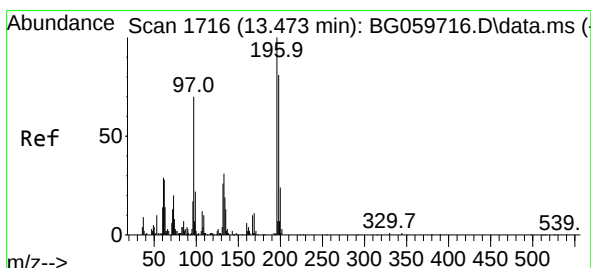
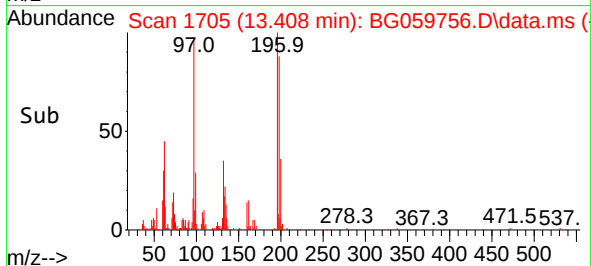
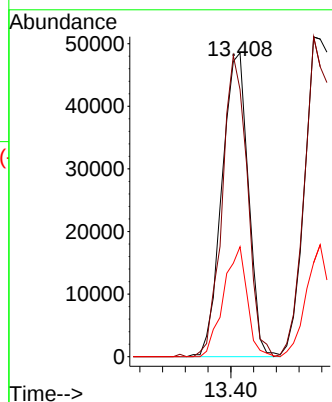
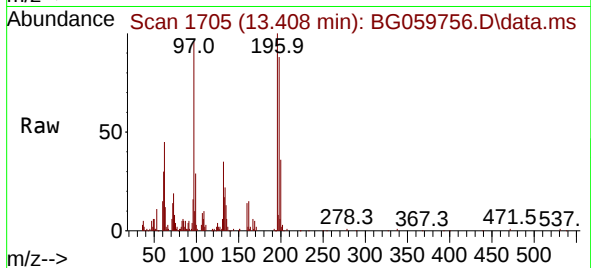
Ion	Ratio	Lower	Upper
196	100		
198	87.9	67.6	101.4
200	36.2	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#44

2,4,5-Trichlorophenol

Concen: 54.332 ng

RT: 13.473 min Scan# 1716

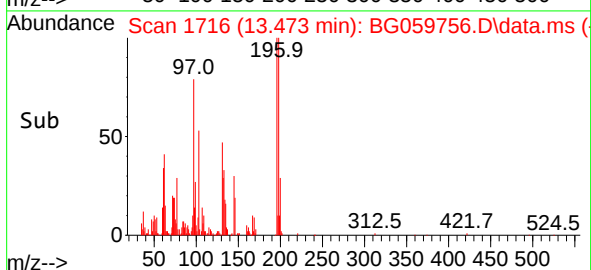
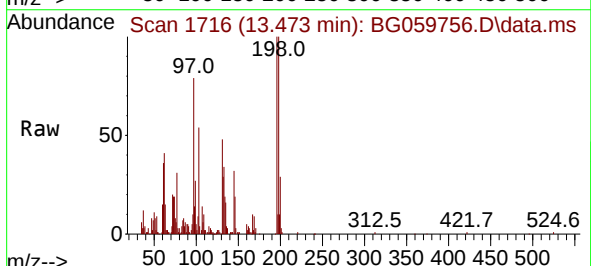
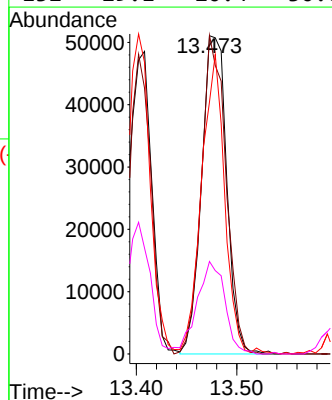
Delta R.T. 0.000 min

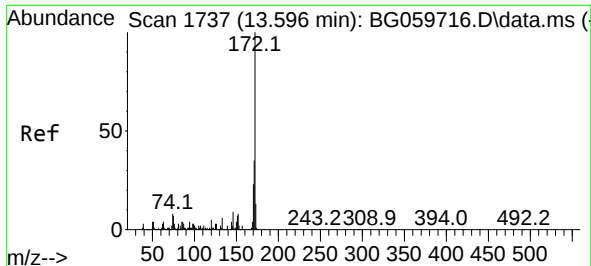
Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Tgt Ion:196 Resp: 89074

Ion	Ratio	Lower	Upper
196	100		
198	100.1	66.7	100.1#
97	79.2	55.9	83.9
132	29.1	20.4	30.6





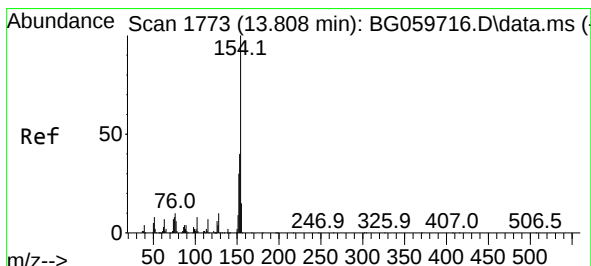
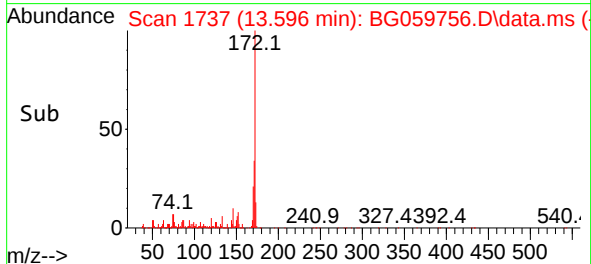
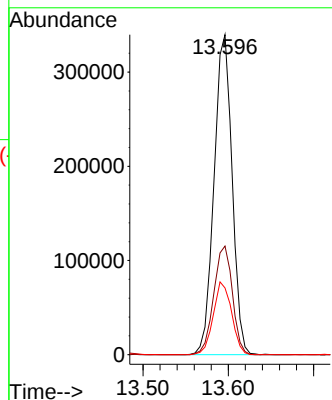
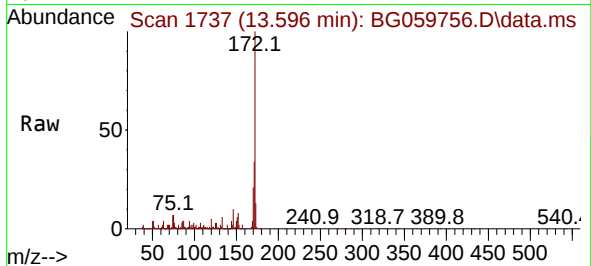
#45
2-Fluorobiphenyl
Concen: 90.655 ng
RT: 13.596 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:172 Resp: 500372
Ion Ratio Lower Upper
172 100
171 34.0 27.7 41.5
170 20.9 18.4 27.6

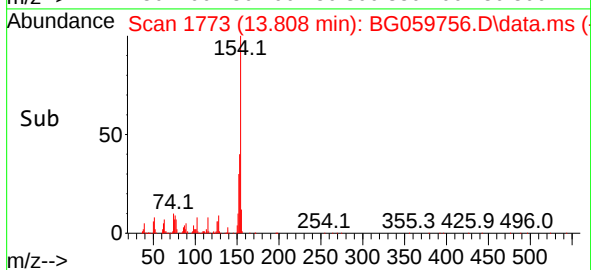
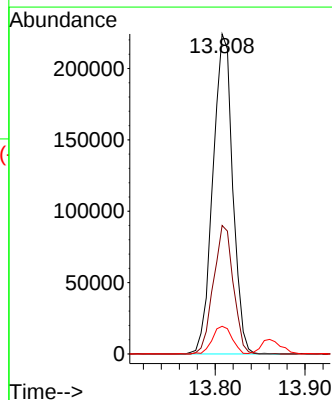
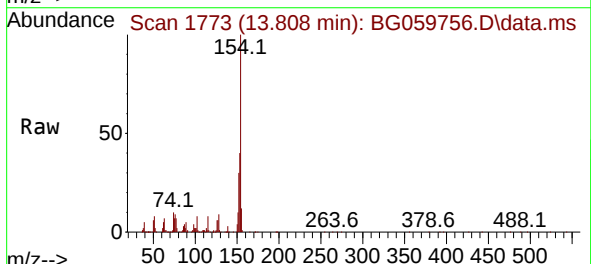
Manual Integrations
APPROVED

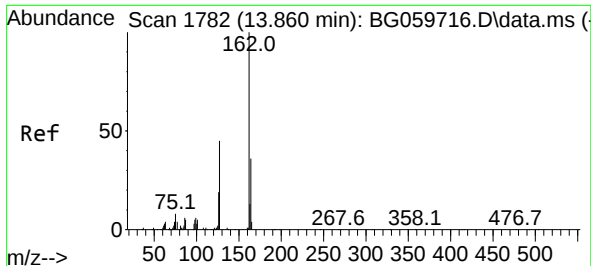
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#46
1,1'-Biphenyl
Concen: 58.764 ng
RT: 13.808 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:154 Resp: 342688
Ion Ratio Lower Upper
154 100
153 40.1 19.7 59.7
76 8.6 0.0 30.4





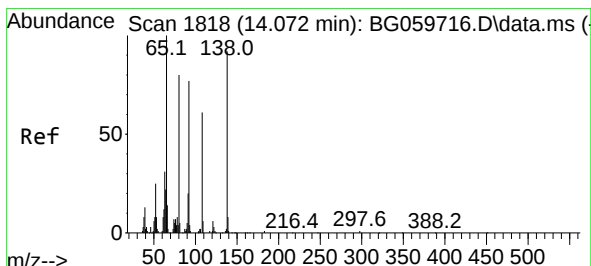
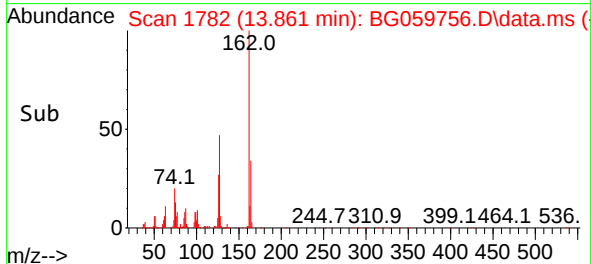
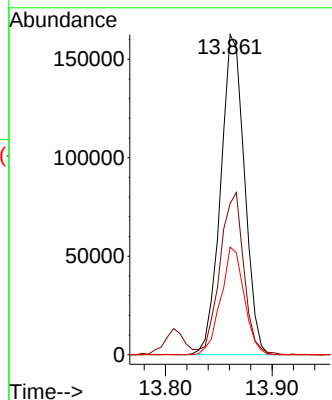
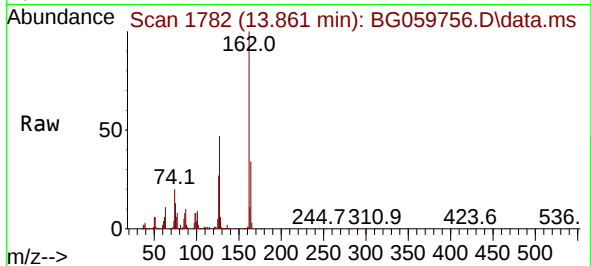
#47
2-Chloronaphthalene
Concen: 63.037 ng
RT: 13.861 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:162 Resp: 25258
Ion Ratio Lower Upper
162 100
127 47.2 41.0 61.6
164 33.7 28.9 43.3

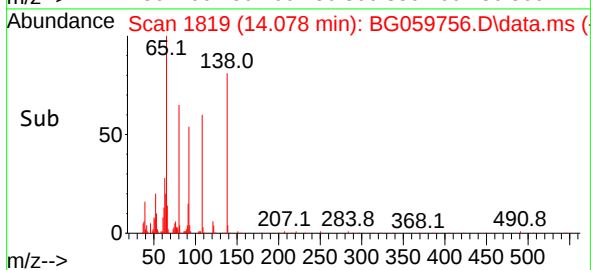
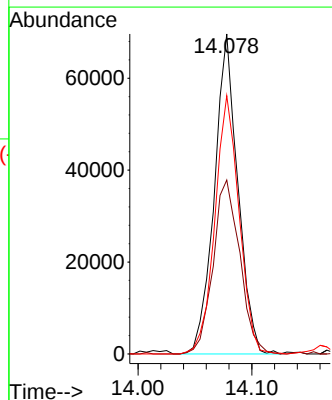
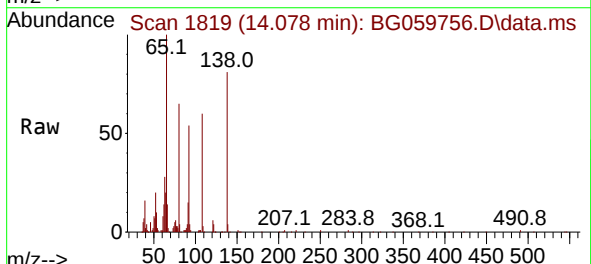
Manual Integrations
APPROVED

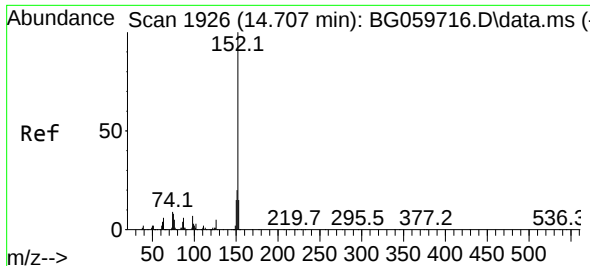
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#48
2-Nitroaniline
Concen: 69.984 ng
RT: 14.078 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

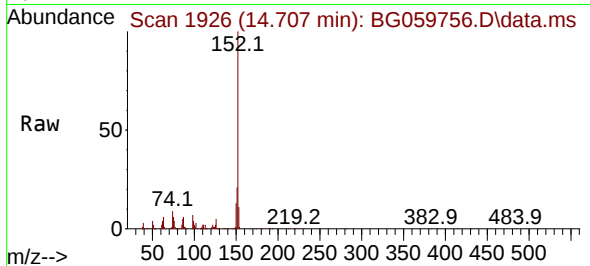
Tgt Ion: 65 Resp: 100120
Ion Ratio Lower Upper
65 100
92 54.4 61.2 91.8#
138 80.7 73.8 110.6





#49
Acenaphthylene
Concen: 52.262 ng
RT: 14.707 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

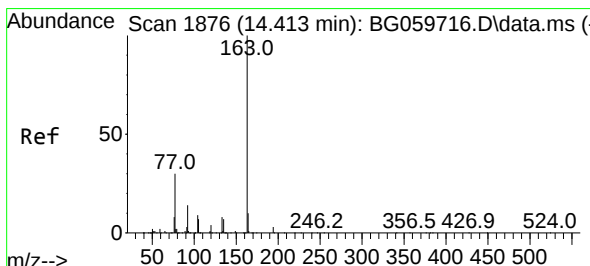
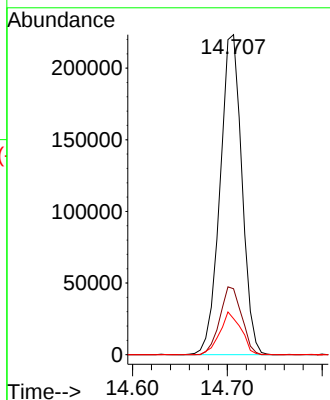
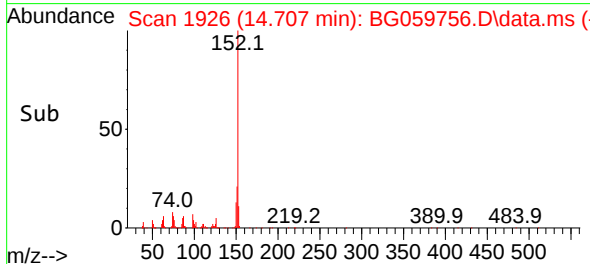
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



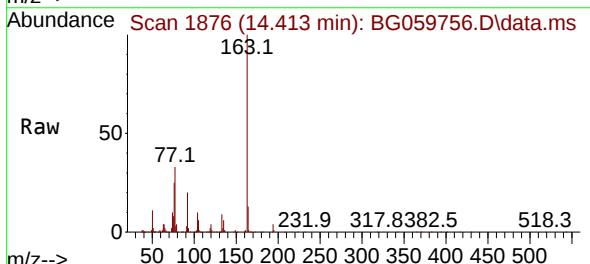
Tgt Ion:152 Resp: 357072
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 11.2 12.2 18.4

Manual Integrations
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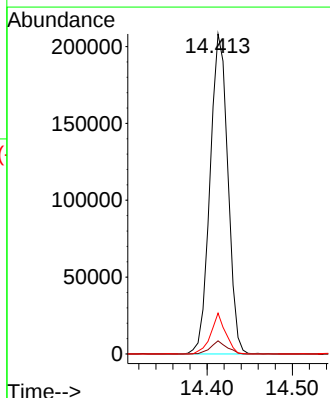
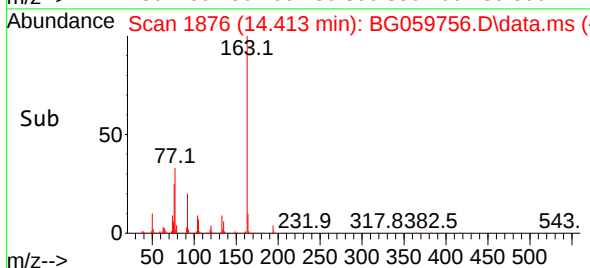
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

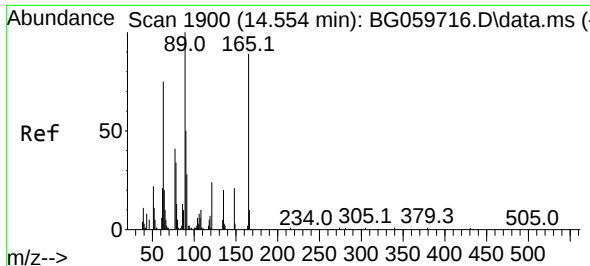


#50
Dimethylphthalate
Concen: 52.535 ng
RT: 14.413 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



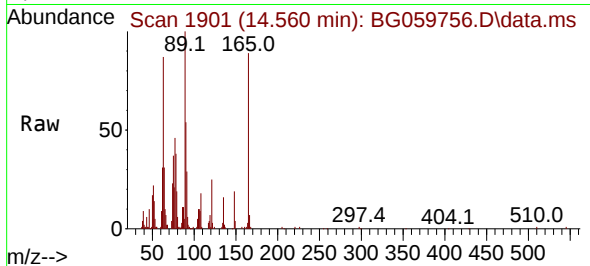
Tgt Ion:163 Resp: 302466
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 12.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.861 ng
RT: 14.560 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

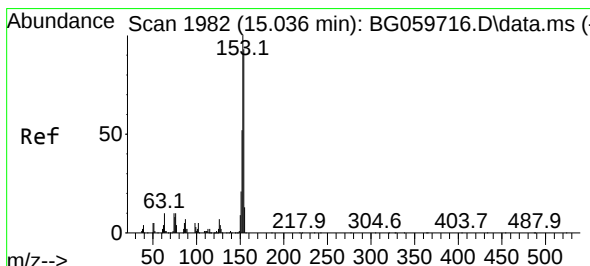
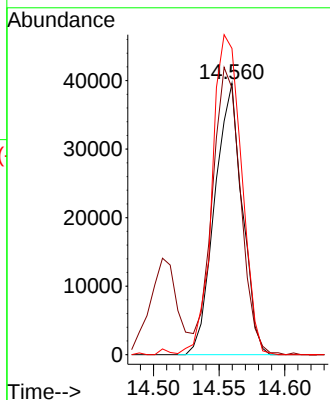
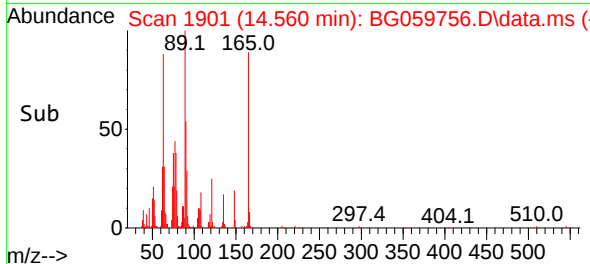
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



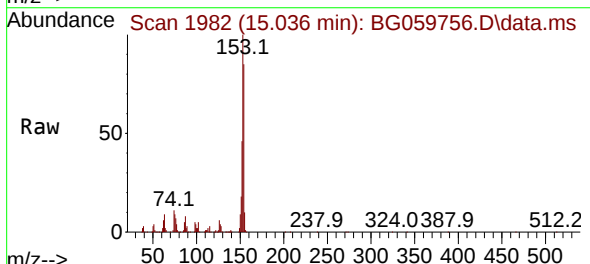
Tgt Ion:165 Resp: 57730
Ion Ratio Lower Upper
165 100
63 98.3 75.3 112.9
89 112.9 90.9 136.3

Manual Integrations
APPROVED

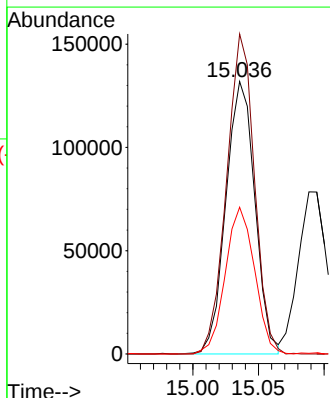
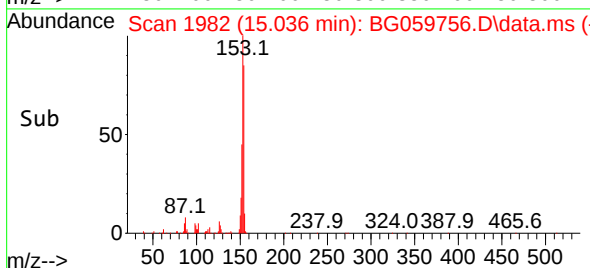
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

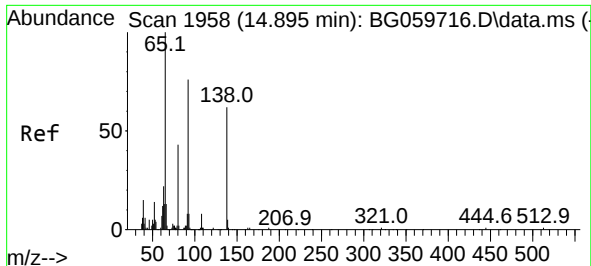


#52
Acenaphthene
Concen: 49.457 ng
RT: 15.036 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



Tgt Ion:154 Resp: 203218
Ion Ratio Lower Upper
154 100
153 117.4 85.8 128.8
152 53.8 44.4 66.6





#53
3-Nitroaniline
Concen: 32.518 ng
RT: 14.895 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

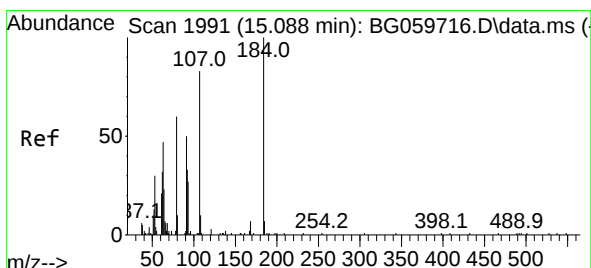
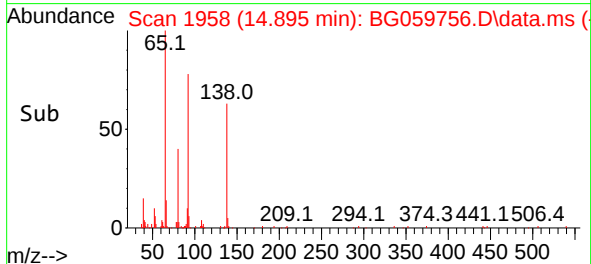
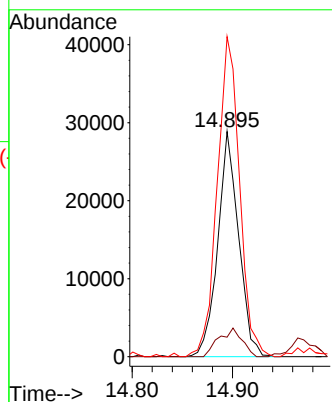
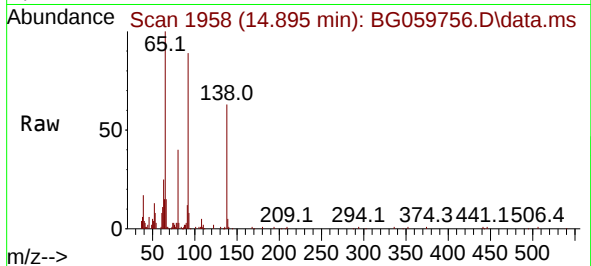
ClientSampleId :

TP-2MSD

Tgt Ion:138 Resp: 41574
Ion Ratio Lower Upper
138 100
108 8.7 9.9 14.9#
92 142.2 98.3 147.5

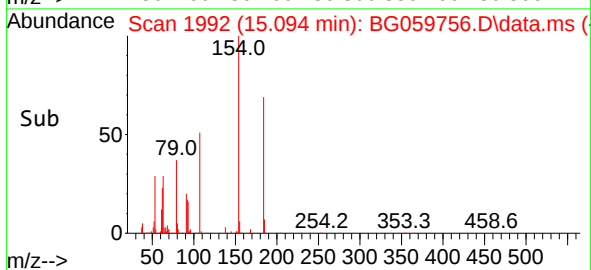
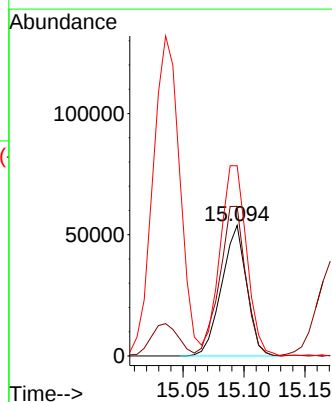
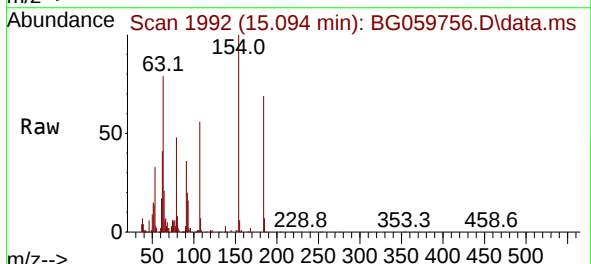
Manual Integrations
APPROVED

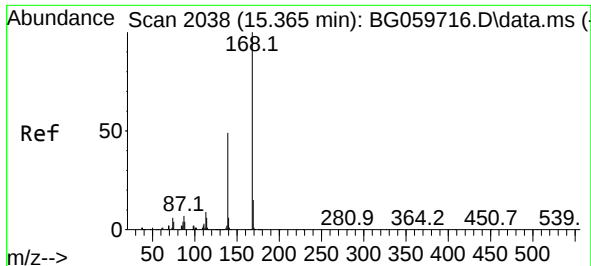
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#54
2,4-Dinitrophenol
Concen: 94.939 ng
RT: 15.094 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

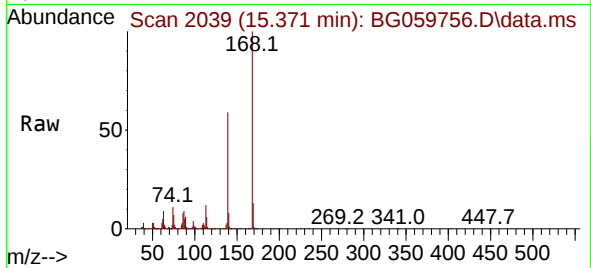
Tgt Ion:184 Resp: 77055
Ion Ratio Lower Upper
184 100
63 114.6 58.3 87.5#
154 145.7 94.1 141.1#





#55
Dibenzenofuran
Concen: 49.707 ng
RT: 15.371 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

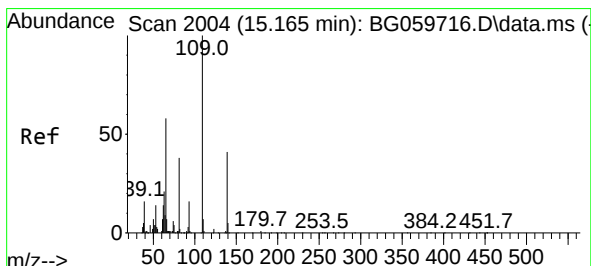
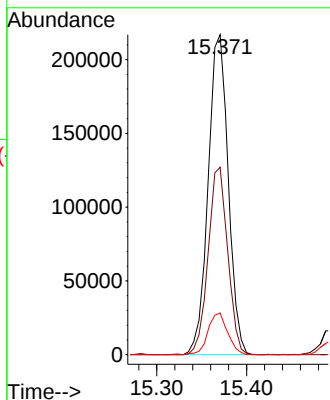
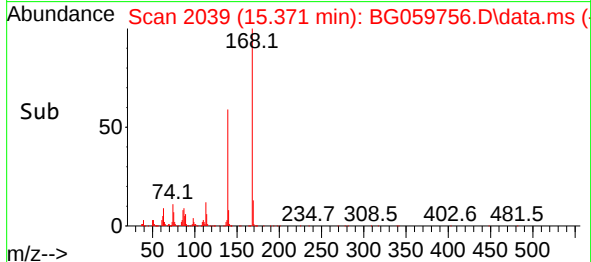
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



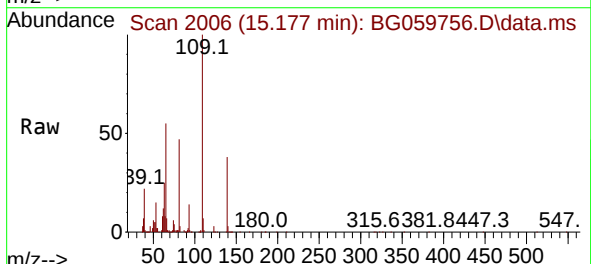
Tgt Ion:168 Resp: 33674
Ion Ratio Lower Upper
168 100
139 58.6 38.9 58.3
169 13.1 11.8 17.8

Manual Integrations
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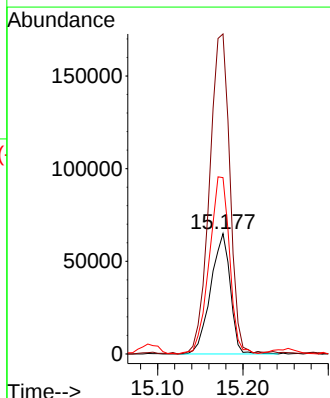
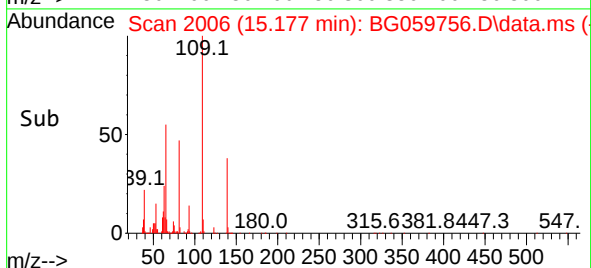
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

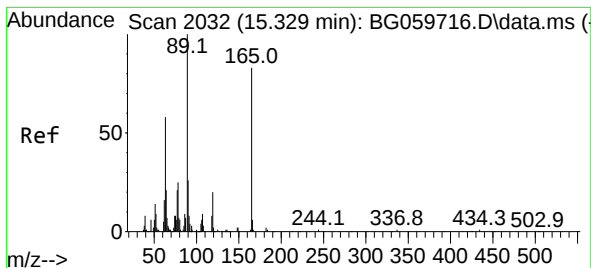


#56
4-Nitrophenol
Concen: 106.368 ng
RT: 15.177 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



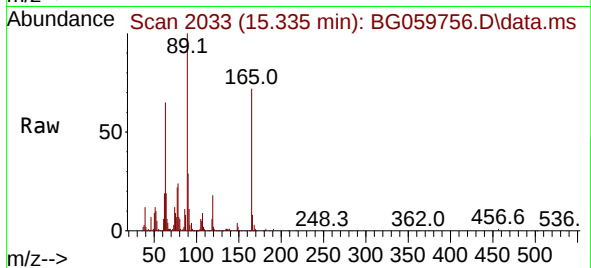
Tgt Ion:139 Resp: 104040
Ion Ratio Lower Upper
139 100
109 266.1 223.4 263.4
65 146.7 120.6 160.6





#57
2,4-Dinitrotoluene
Concen: 50.105 ng
RT: 15.335 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

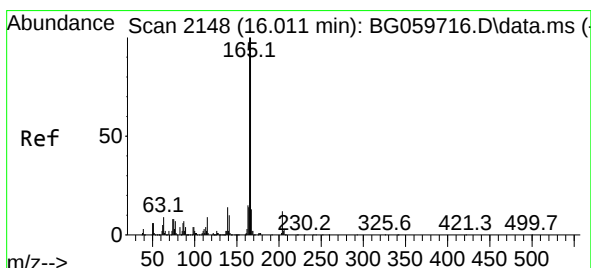
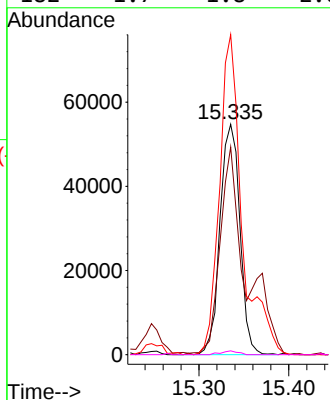
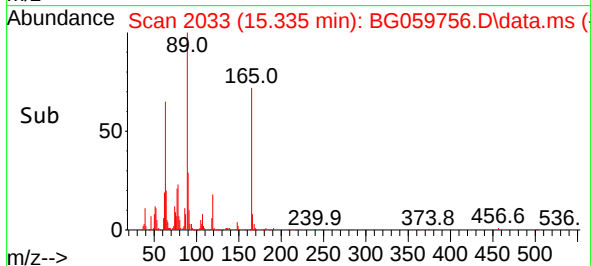
Instrument :
BNA_G
Client SampleId :
TP-2MSD



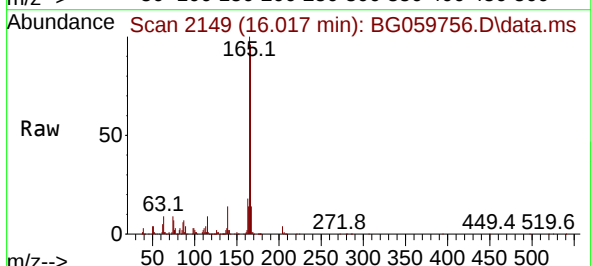
Tgt Ion:165 Resp: 84160
Ion Ratio Lower Upper
165 100
63 90.1 55.8 83.8
89 138.9 96.9 145.3
182 1.7 1.8 2.6#

Manual Integrations
APPROVED

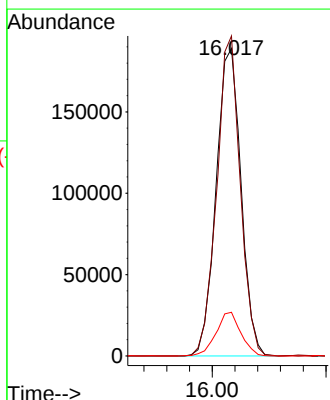
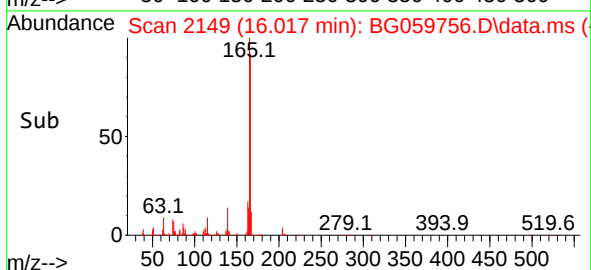
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

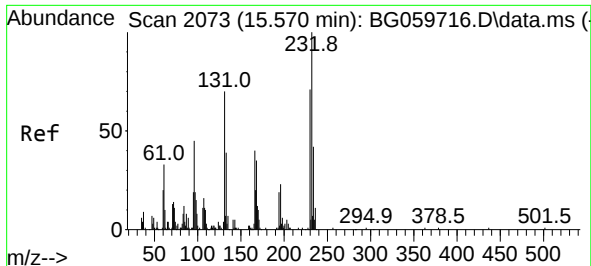


#58
Fluorene
Concen: 50.959 ng
RT: 16.017 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



Tgt Ion:166 Resp: 286817
Ion Ratio Lower Upper
166 100
165 104.1 79.9 119.9
167 14.2 10.1 15.1





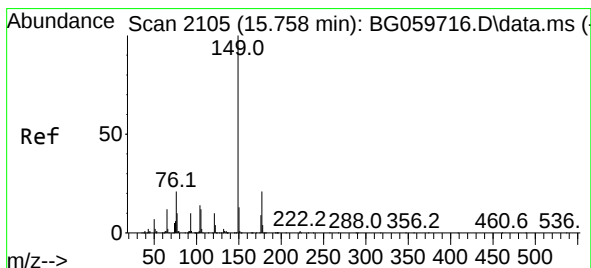
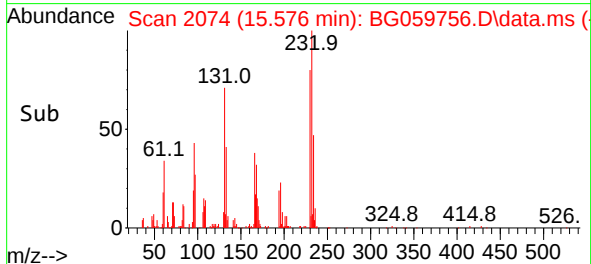
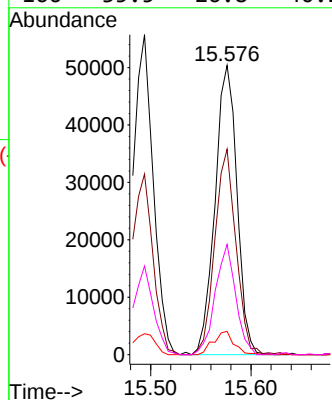
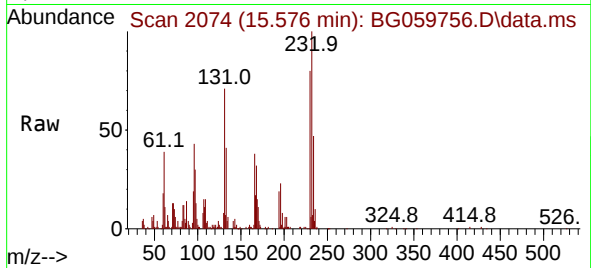
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.236 ng
RT: 15.576 min Scan# 2073
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:232 Resp: 76720
Ion Ratio Lower Upper
232 100
131 68.4 50.2 75.2
130 7.6 4.3 6.5
166 35.5 26.8 40.2

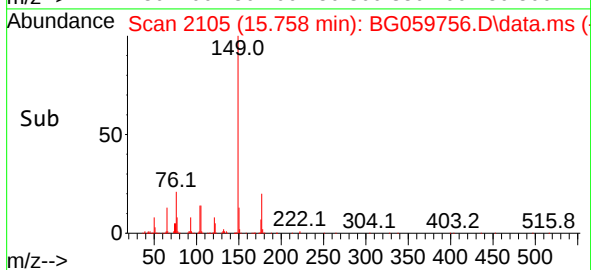
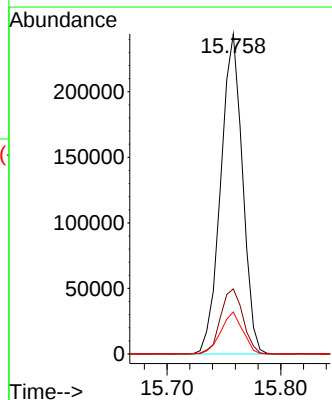
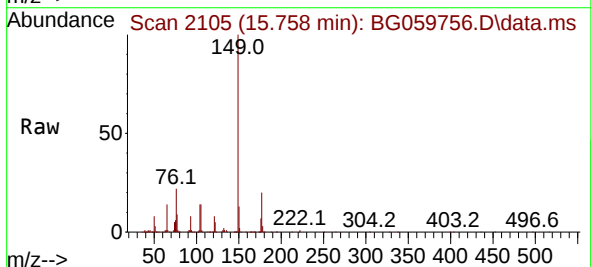
Manual Integrations
APPROVED

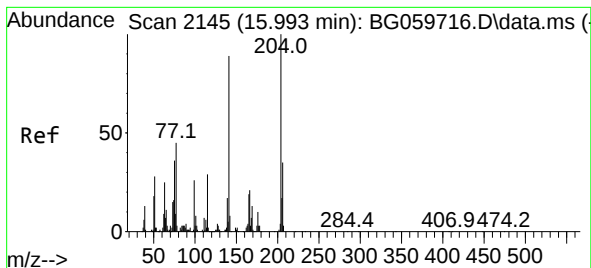
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#60
Diethylphthalate
Concen: 52.651 ng
RT: 15.758 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:149 Resp: 325115
Ion Ratio Lower Upper
149 100
177 20.4 16.6 24.8
150 13.1 10.7 16.1





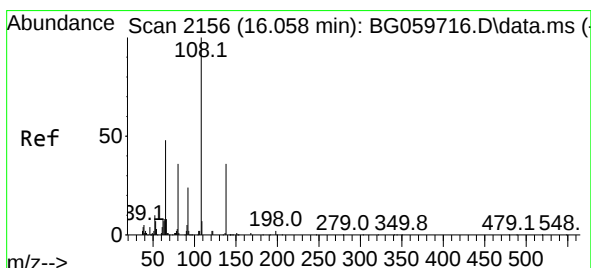
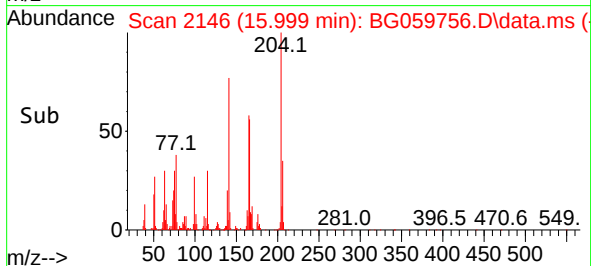
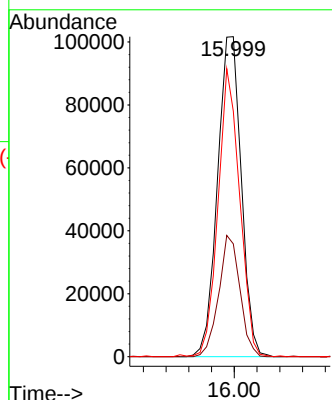
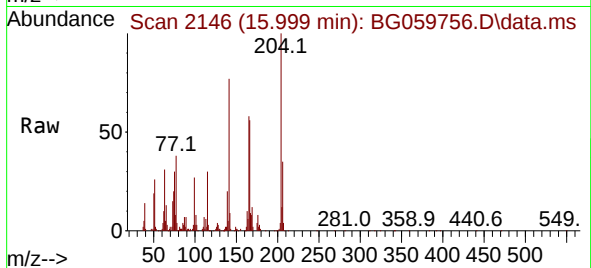
#61
4-Chlorophenyl-phenylether
Concen: 51.013 ng
RT: 15.999 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:204 Resp: 14778
Ion Ratio Lower Upper
204 100
206 35.3 28.1 42.1
141 76.7 70.9 106.3

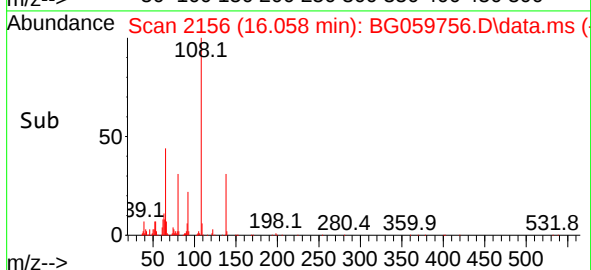
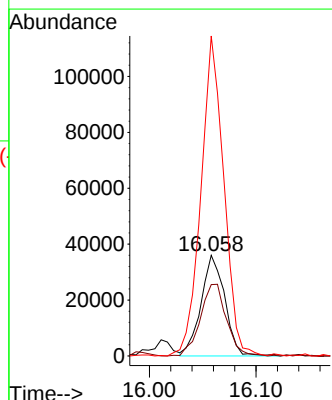
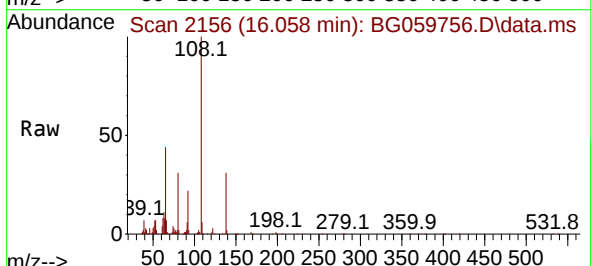
Manual Integrations
APPROVED

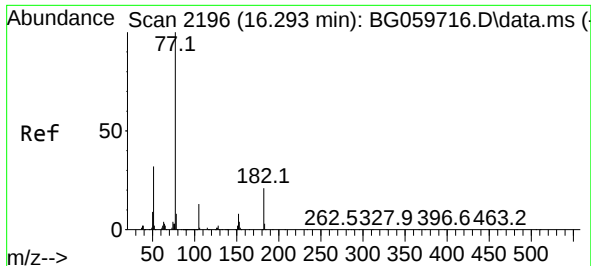
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#62
4-Nitroaniline
Concen: 43.586 ng
RT: 16.058 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

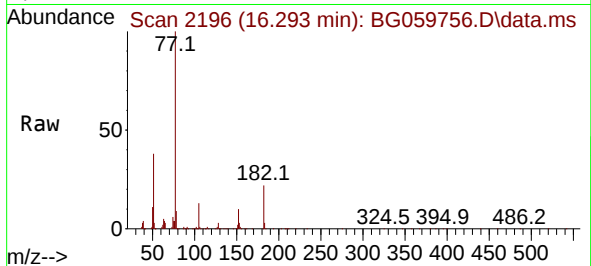
Tgt Ion:138 Resp: 55847
Ion Ratio Lower Upper
138 100
92 70.9 45.8 85.8
108 318.0 256.3 296.3#





#63
Azobenzene
Concen: 50.838 ng
RT: 16.293 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

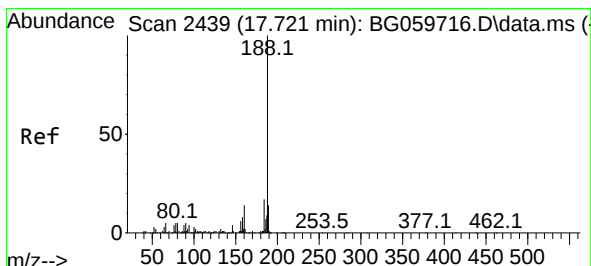
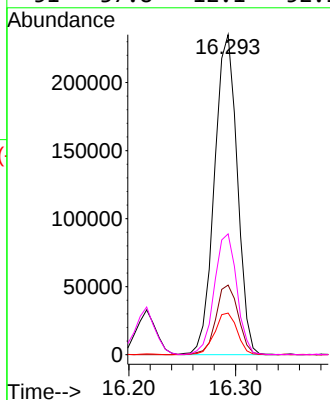
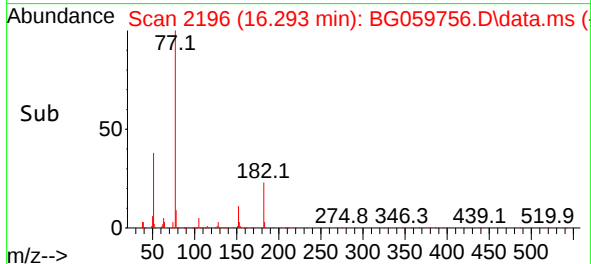
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



Tgt Ion: 77 Resp: 348850
Ion Ratio Lower Upper
77 100
182 21.8 1.1 41.1
105 13.0 0.0 33.0
51 37.8 12.1 52.1

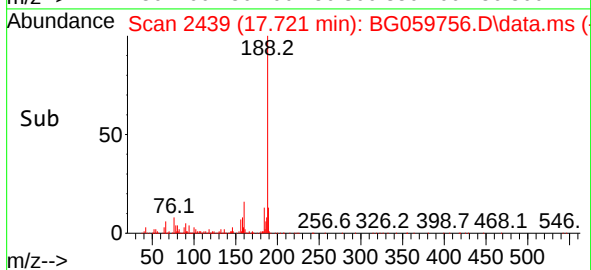
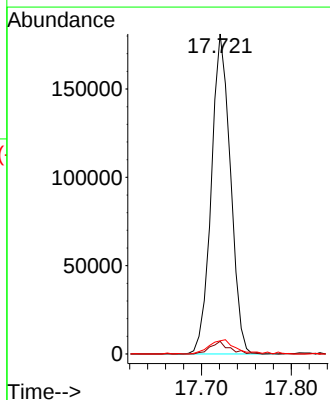
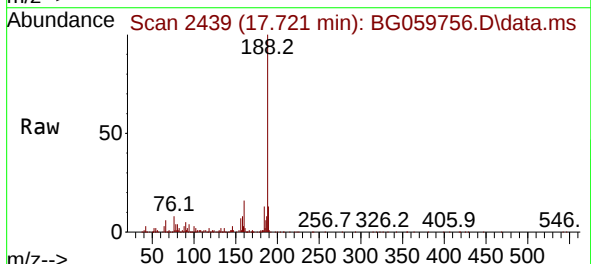
Manual Integrations
APPROVED

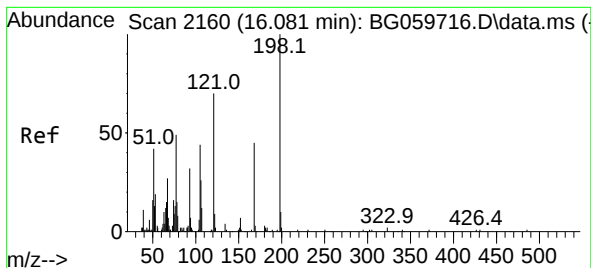
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:188 Resp: 268193
Ion Ratio Lower Upper
188 100
94 4.0 3.0 4.4
80 4.1 4.2 6.4#





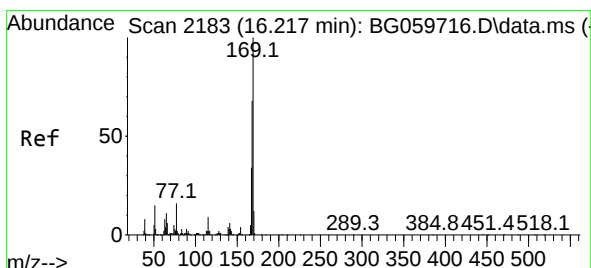
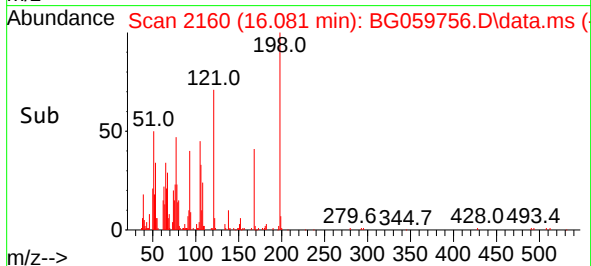
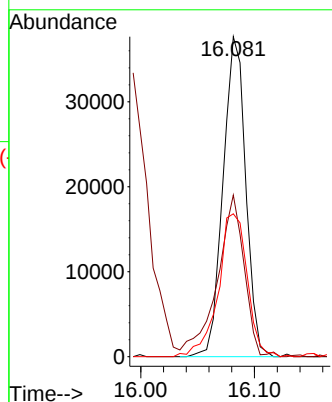
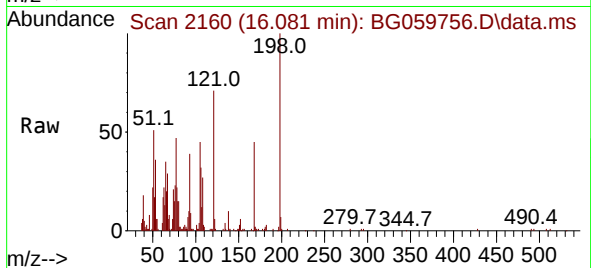
#65
4,6-Dinitro-2-methylphenol
Concen: 31.770 ng
RT: 16.081 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:198 Resp: 5207
Ion Ratio Lower Upper
198 100
51 50.5 23.0 63.0
105 44.6 24.0 64.0

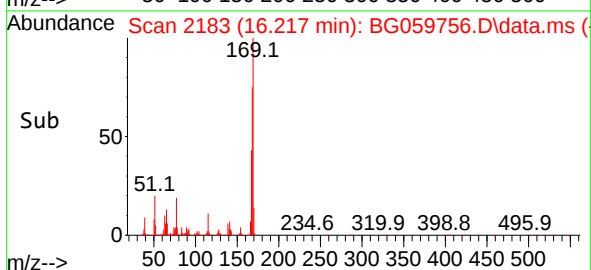
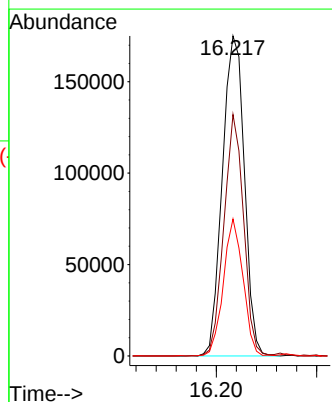
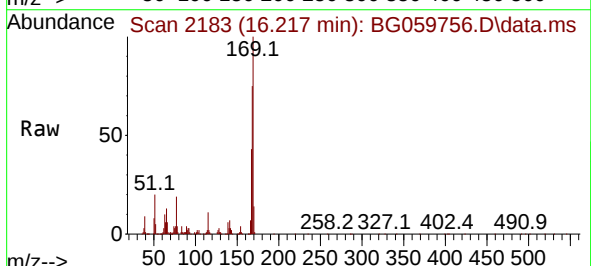
Manual Integrations
APPROVED

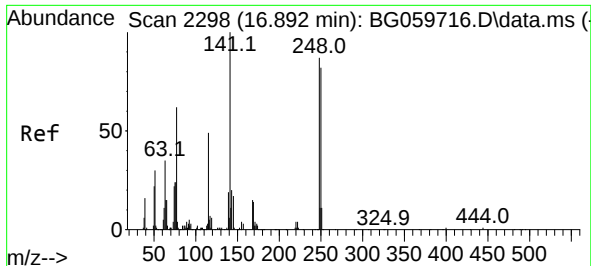
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#66
n-Nitrosodiphenylamine
Concen: 33.973 ng
RT: 16.217 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

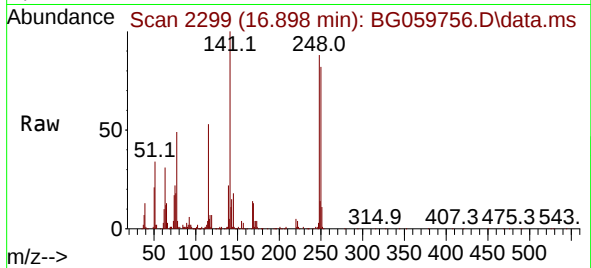
Tgt Ion:169 Resp: 266159
Ion Ratio Lower Upper
169 100
168 75.4 54.5 81.7
167 42.8 27.8 41.6#





#67
4-Bromophenyl-phenylether
Concen: 51.392 ng
RT: 16.898 min Scan# 2298
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

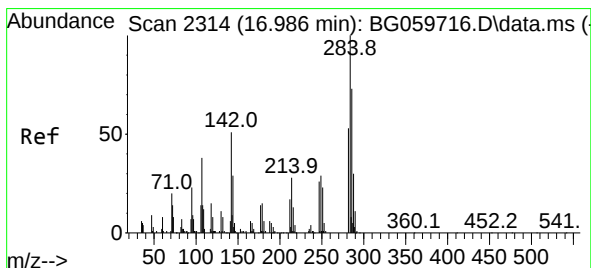
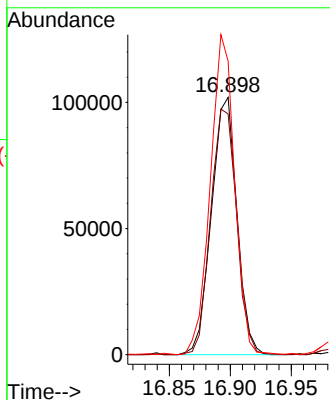
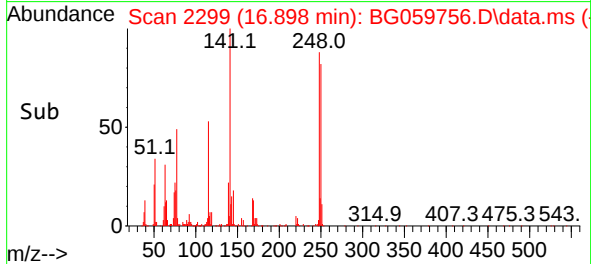
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



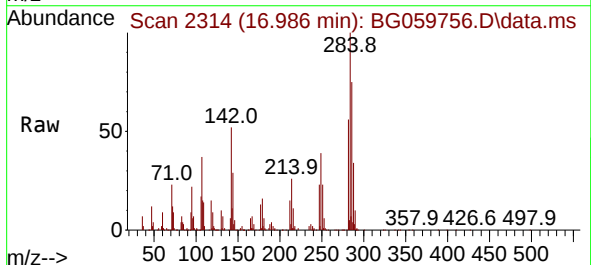
Tgt Ion:248 Resp: 148070
Ion Ratio Lower Upper
248 100
250 93.6 75.2 112.8
141 114.1 91.5 137.3

Manual Integrations
APPROVED

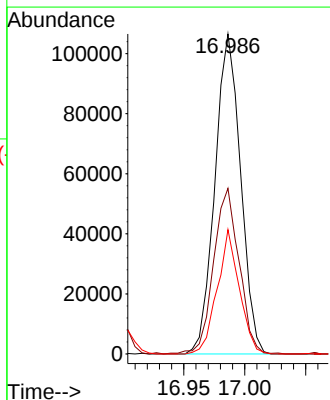
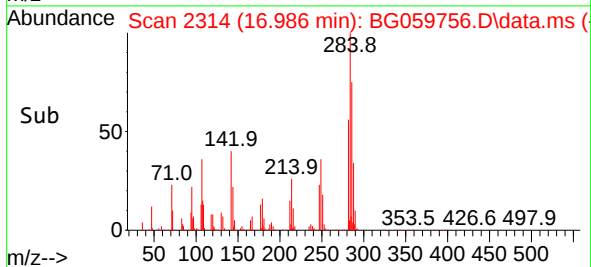
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

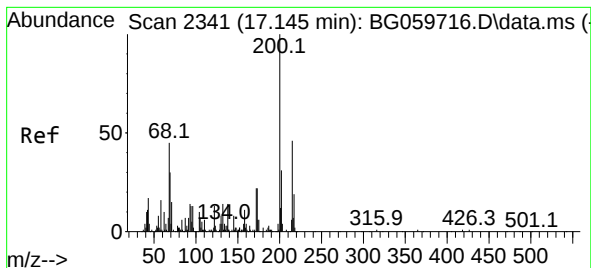


#68
Hexachlorobenzene
Concen: 57.985 ng
RT: 16.986 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



Tgt Ion:284 Resp: 155930
Ion Ratio Lower Upper
284 100
142 51.8 41.0 61.6
249 38.8 24.2 36.4#





#69

Atrazine

Concen: 69.023 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

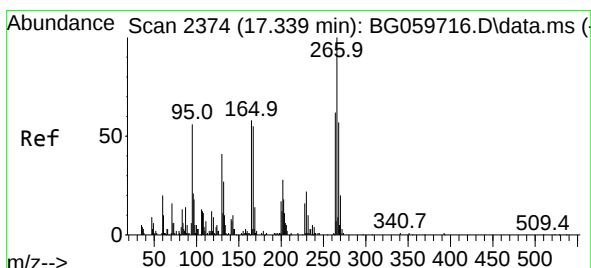
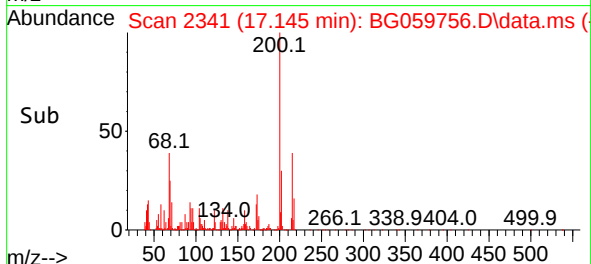
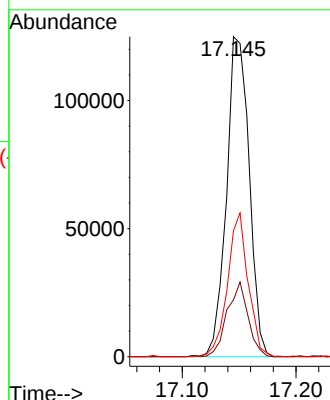
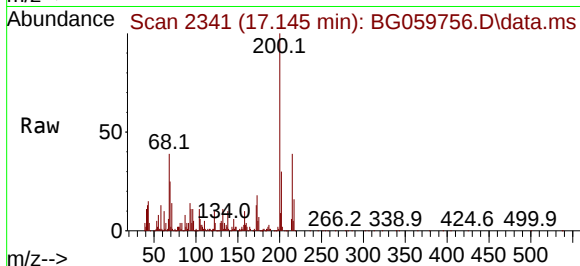
Tgt Ion:	200	Resp:	173374
Ion Ratio	Lower	Upper	
200	100		
173	17.8	2.3	42.3
215	39.4	25.6	65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#70

Pentachlorophenol

Concen: 101.950 ng

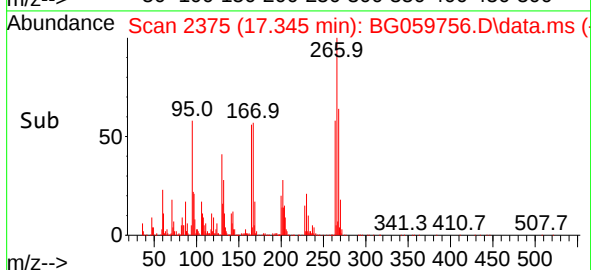
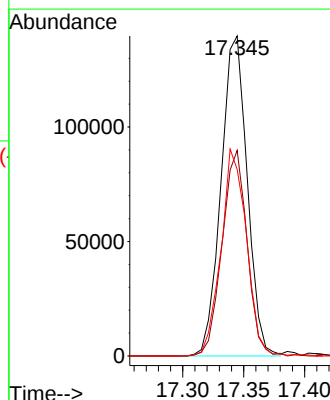
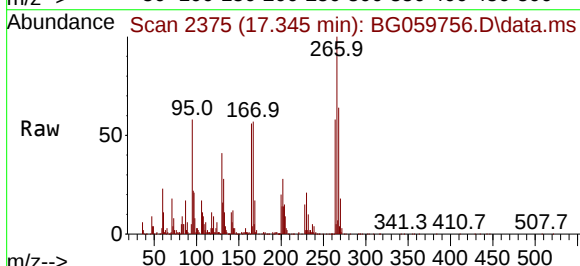
RT: 17.345 min Scan# 2375

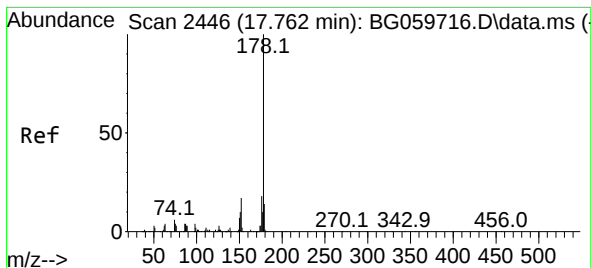
Delta R.T. 0.006 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Tgt Ion:	266	Resp:	209158
Ion Ratio	Lower	Upper	
266	100		
268	64.3	45.7	68.5
264	58.3	49.8	74.8





#71

Phenanthrene

Concen: 50.537 ng

RT: 17.762 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

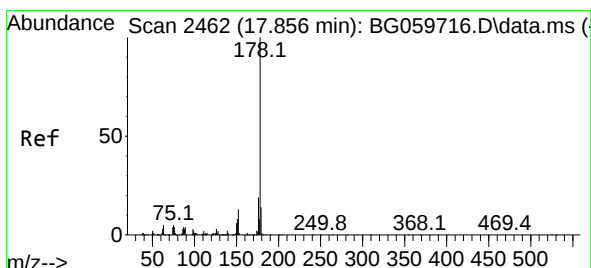
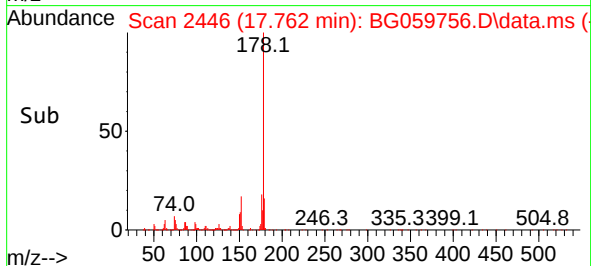
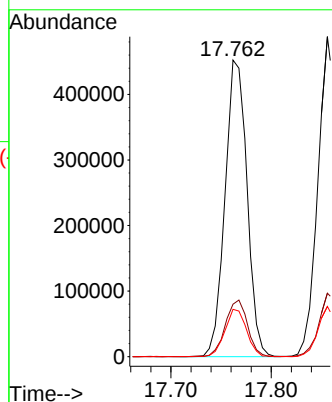
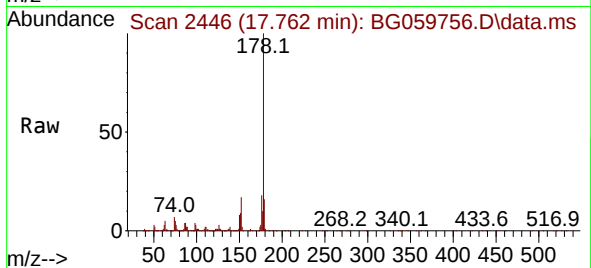
TP-2MSD

Tgt Ion:178 Resp: 689094
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.5 21.7
 179 16.0 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023



#72

Anthracene

Concen: 49.438 ng

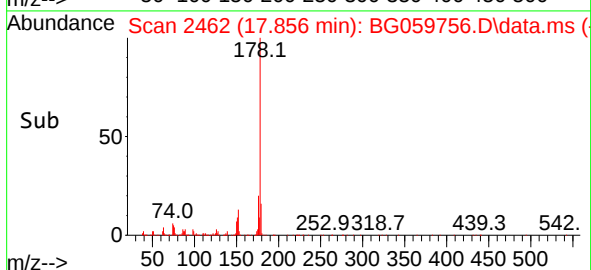
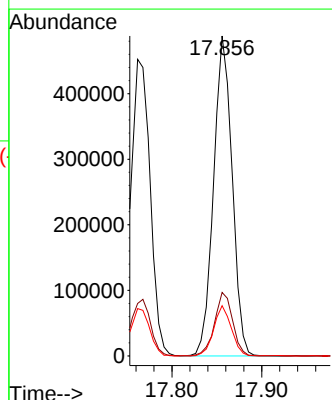
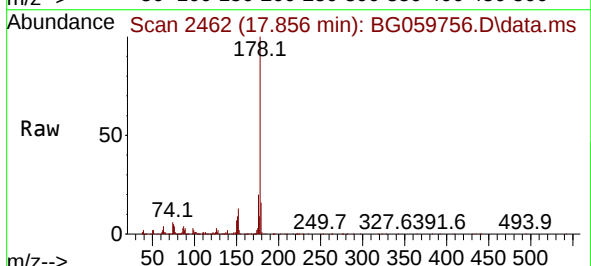
RT: 17.856 min Scan# 2462

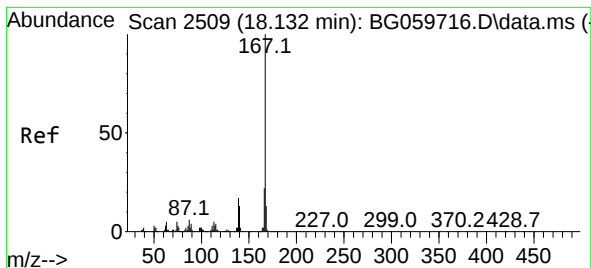
Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Tgt Ion:178 Resp: 700412
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.0 22.4
 179 15.7 11.5 17.3





#73

Carbazole

Concen: 48.390 ng

RT: 18.132 min Scan# 2509

Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

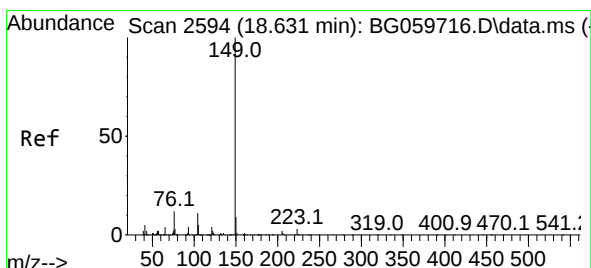
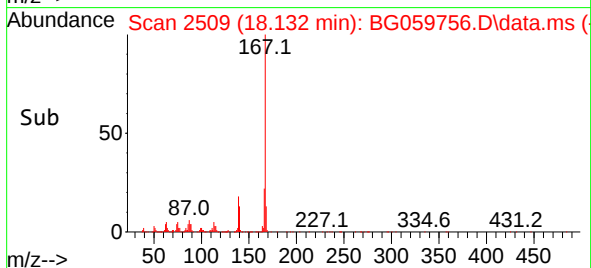
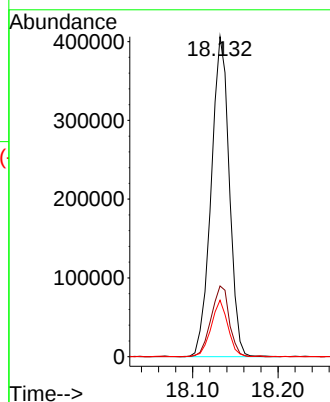
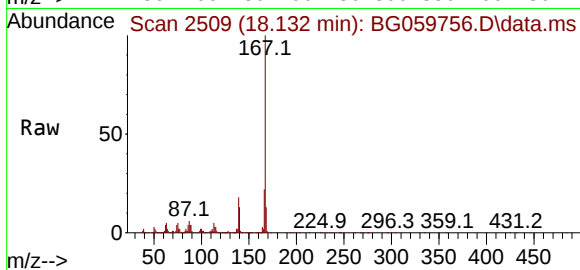
ClientSampleId :

TP-2MSD

Tgt Ion:	167	Resp:	598920
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.0
139	17.7	13.2	19.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#74

Di-n-butylphthalate

Concen: 47.367 ng

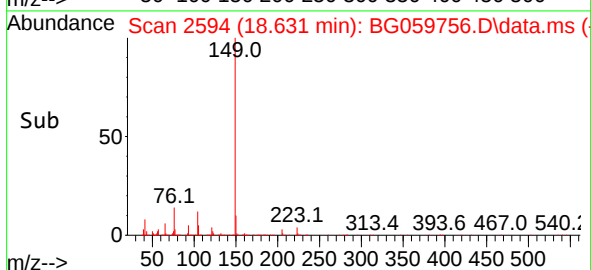
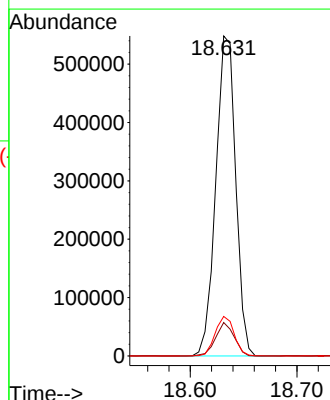
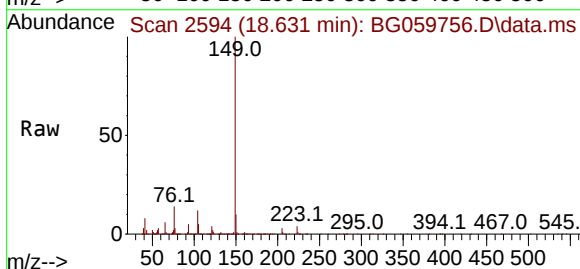
RT: 18.631 min Scan# 2594

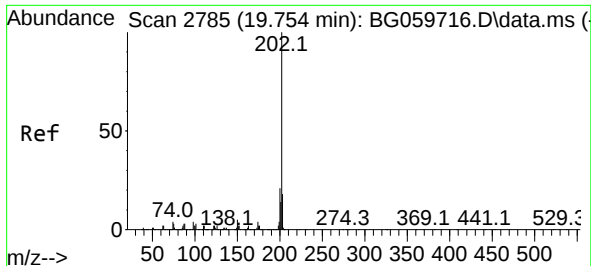
Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

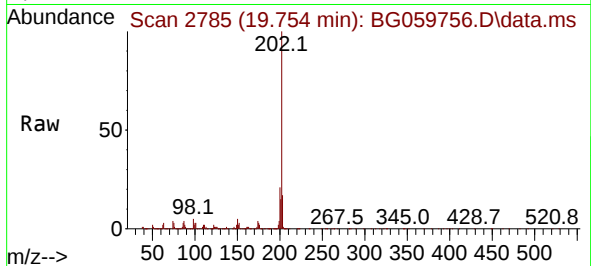
Tgt Ion:	149	Resp:	708644
Ion Ratio	Lower	Upper	
149	100		
150	10.4	7.5	11.3
104	12.4	8.6	12.8





#75
Fluoranthene
Concen: 46.538 ng
RT: 19.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

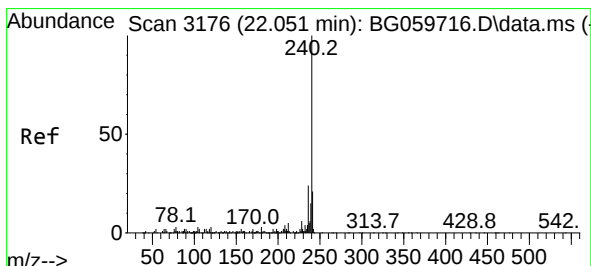
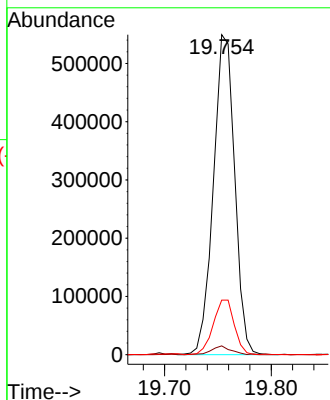
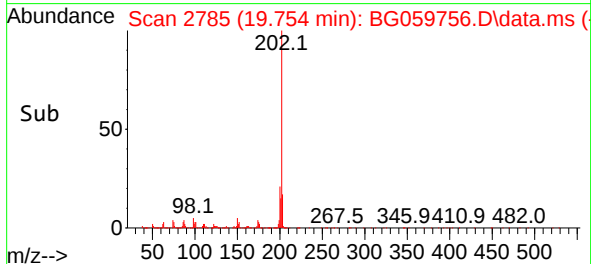
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



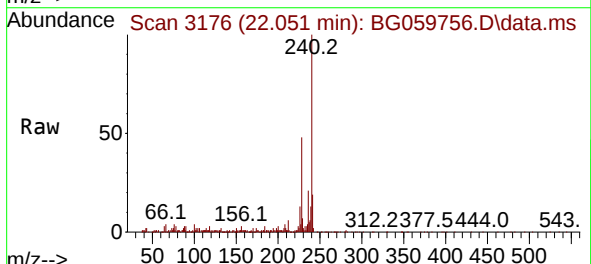
Tgt Ion:202 Resp: 76100
Ion Ratio Lower Upper
202 100
101 2.7 0.0 22.7
203 17.0 0.0 38.2

Manual Integrations
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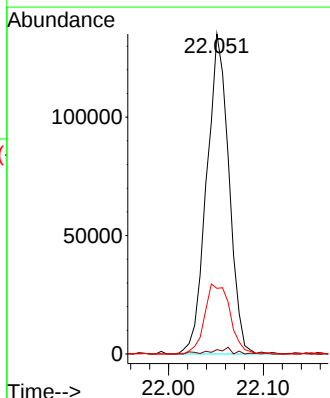
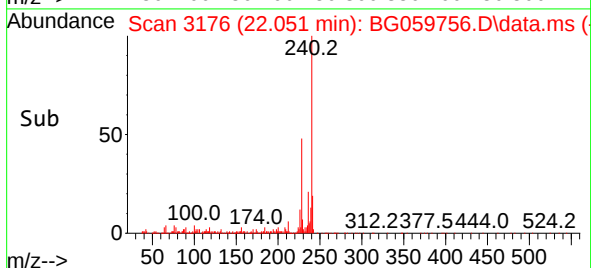
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

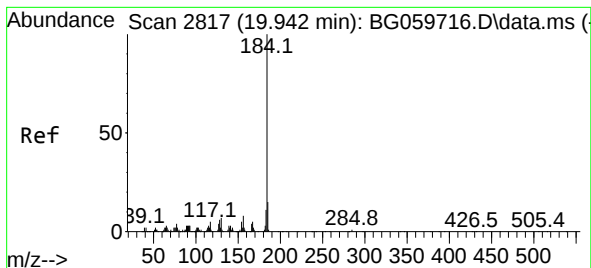


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



Tgt Ion:240 Resp: 220033
Ion Ratio Lower Upper
240 100
120 1.4 2.2 3.2#
236 20.5 19.4 29.2





#77

Benzidine

Concen: 48.999 ng

RT: 19.942 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

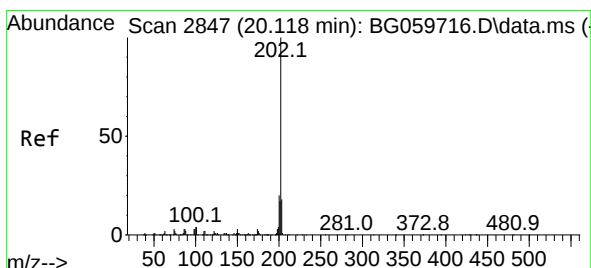
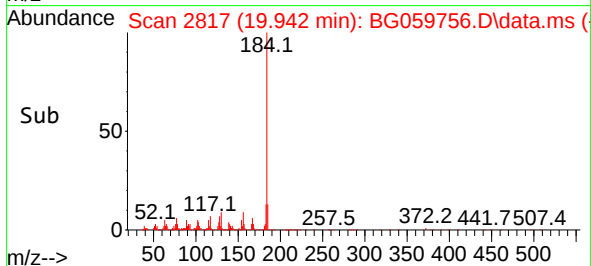
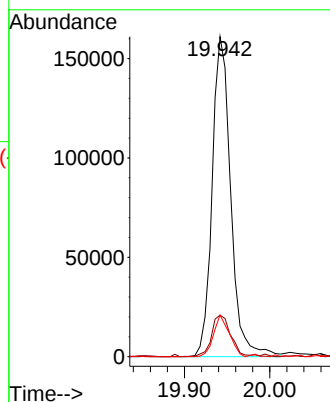
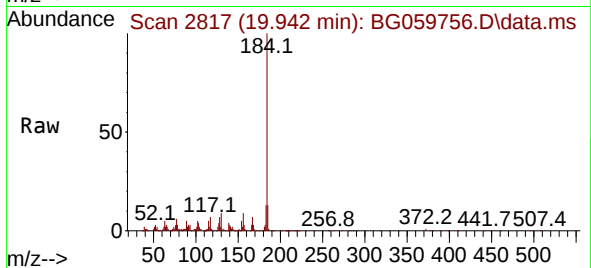
Tgt Ion:184	Resp: 244475
Ion Ratio	Lower Upper
184 100	
185 13.0	12.2 18.2
183 13.0	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#78

Pyrene

Concen: 48.693 ng

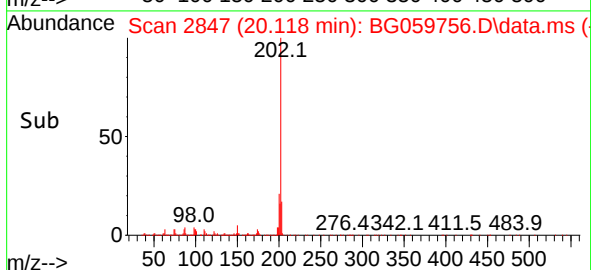
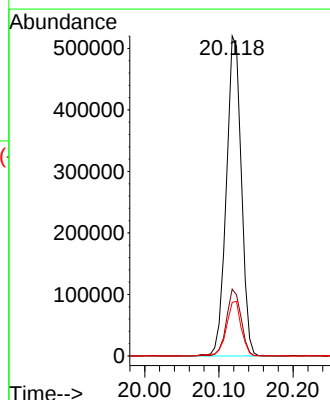
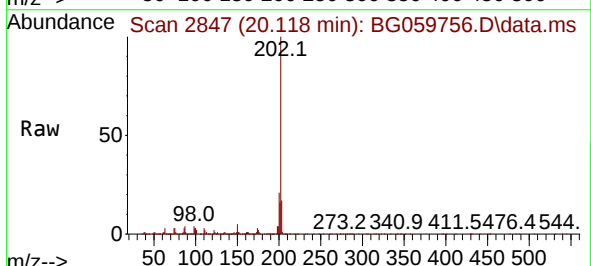
RT: 20.118 min Scan# 2847

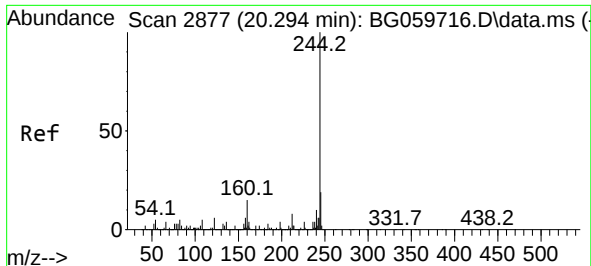
Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

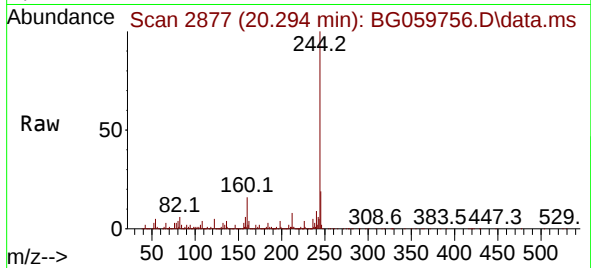
Tgt Ion:202	Resp: 728977
Ion Ratio	Lower Upper
202 100	
200 20.9	16.2 24.4
203 16.8	14.0 21.0





#79
 Terphenyl-d14
 Concen: 82.983 ng
 RT: 20.294 min Scan# 2877
 Delta R.T. 0.000 min
 Lab File: BG059756.D
 Acq: 18 Nov 2023 9:11

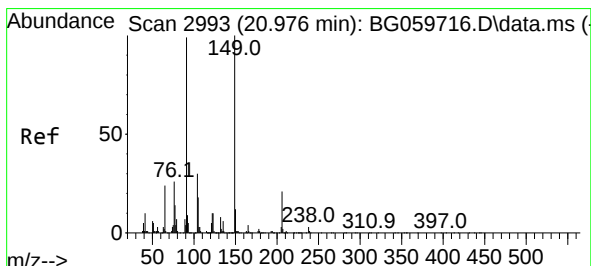
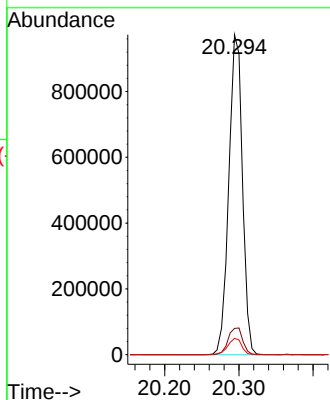
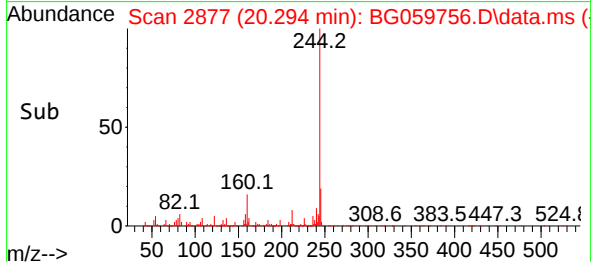
Instrument :
 BNA_G
 ClientSampleId :
 TP-2MSD



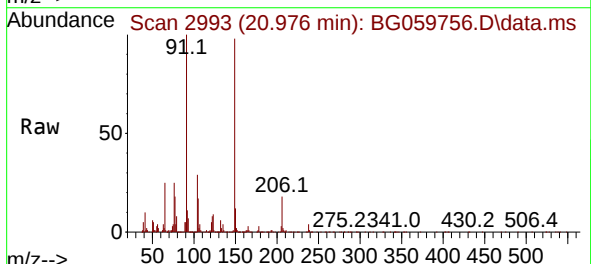
Tgt Ion:244 Resp: 1236850
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 5.1 4.4 6.6

Manual Integrations
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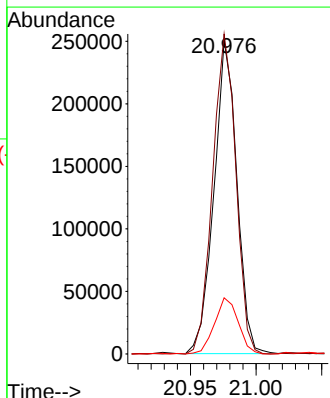
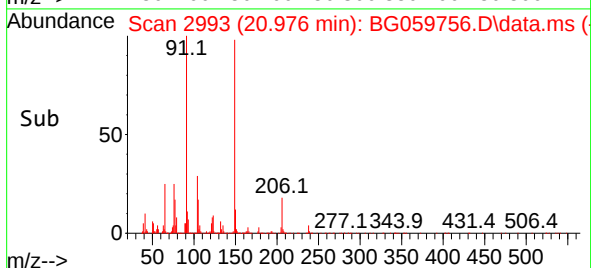
Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/21/2023

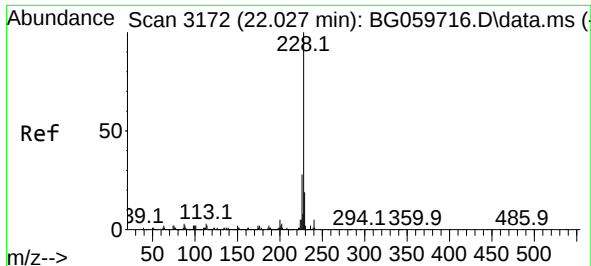


#80
 Butylbenzylphthalate
 Concen: 49.405 ng
 RT: 20.976 min Scan# 2993
 Delta R.T. 0.000 min
 Lab File: BG059756.D
 Acq: 18 Nov 2023 9:11



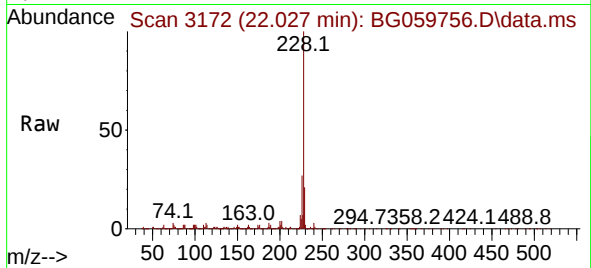
Tgt Ion:149 Resp: 303287
 Ion Ratio Lower Upper
 149 100
 91 102.0 79.6 119.4
 206 17.9 16.9 25.3





#81
Benzo(a)anthracene
Concen: 47.545 ng
RT: 22.027 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

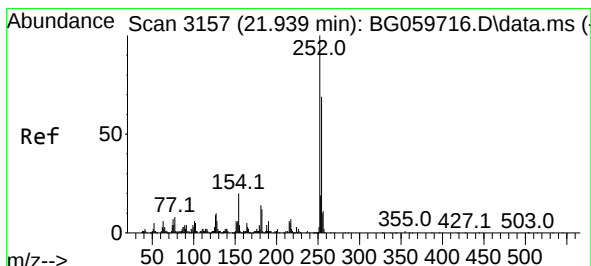
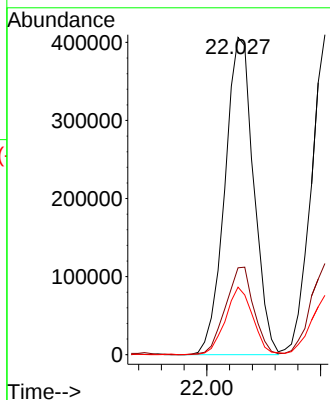
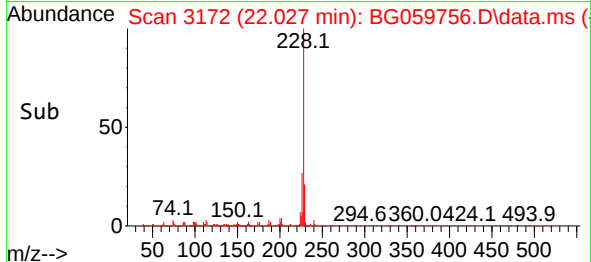
Instrument :
BNA_G
ClientSampleId :
TP-2MSD



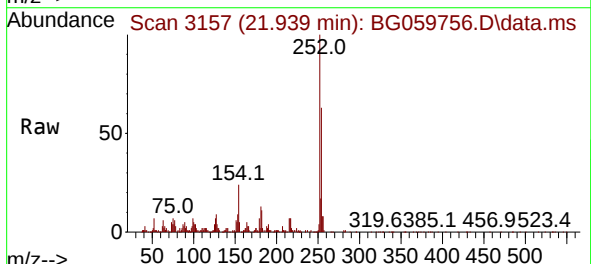
Tgt Ion:228 Resp: 715799
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 21.3 14.9 22.3

Manual Integrations
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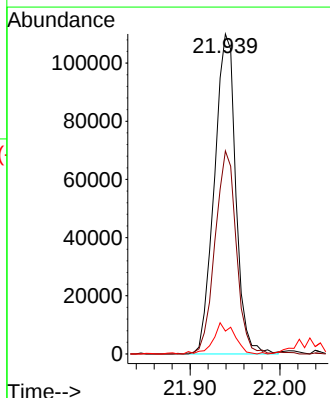
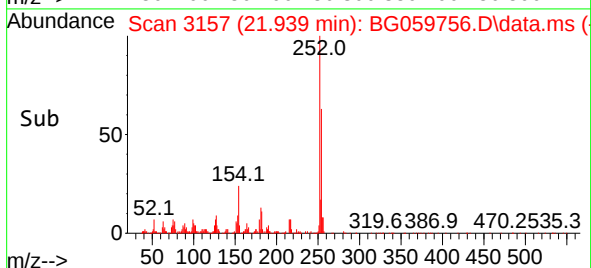
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023

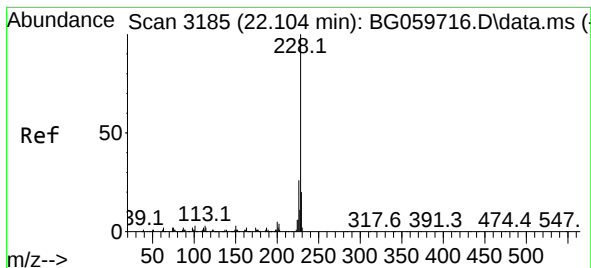


#82
3,3'-Dichlorobenzidine
Concen: 32.456 ng
RT: 21.939 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11



Tgt Ion:252 Resp: 182040
Ion Ratio Lower Upper
252 100
254 63.5 55.2 82.8
126 7.1 7.0 10.6





#83

Chrysene

Concen: 46.946 ng

RT: 22.104 min Scan# 3185

Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

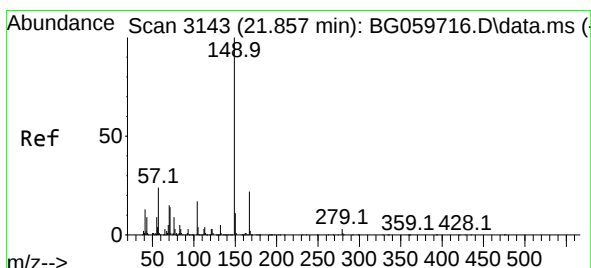
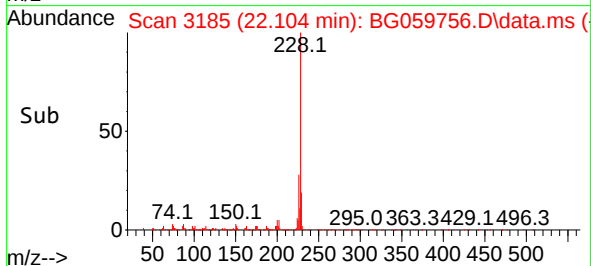
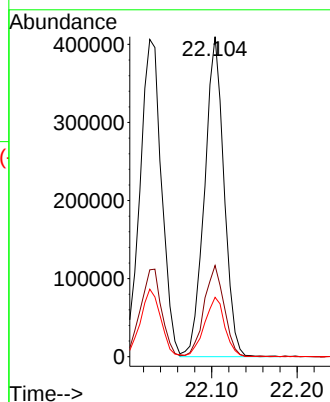
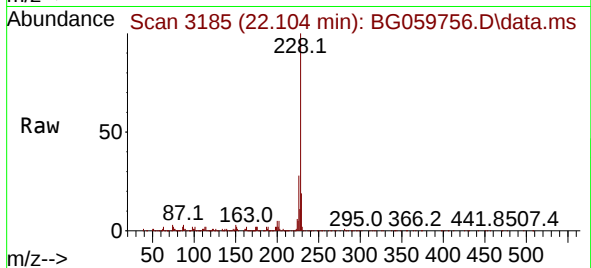
Tgt Ion:	228	Resp:	647900
Ion Ratio	Lower	Upper	
228	100		
226	28.5	21.1	31.7
229	18.6	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.790 ng

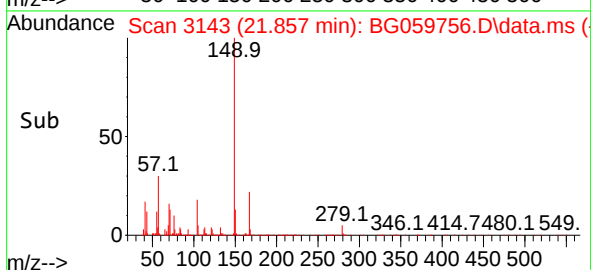
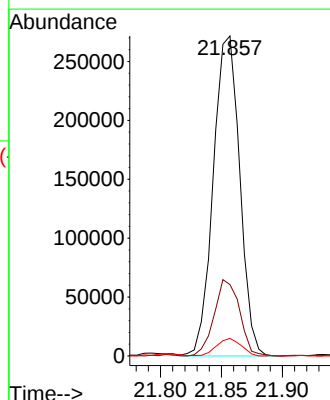
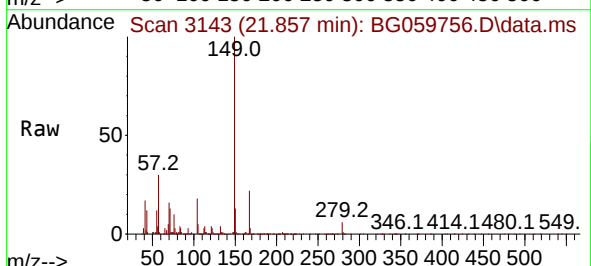
RT: 21.857 min Scan# 3143

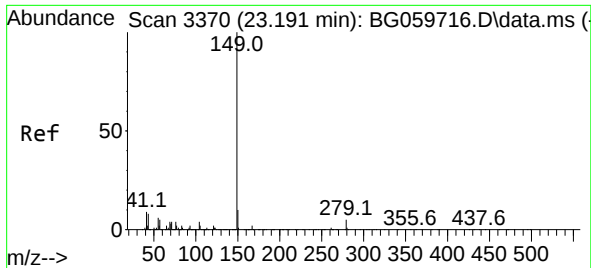
Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Tgt Ion:	149	Resp:	410112
Ion Ratio	Lower	Upper	
149	100		
167	22.3	17.6	26.4
279	5.5	2.7	4.1





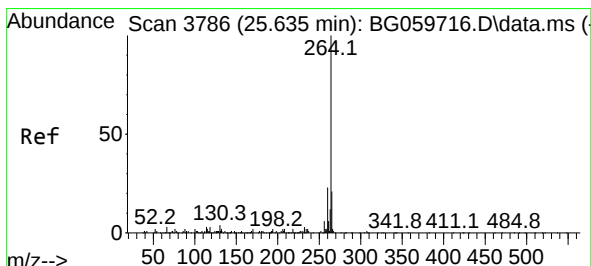
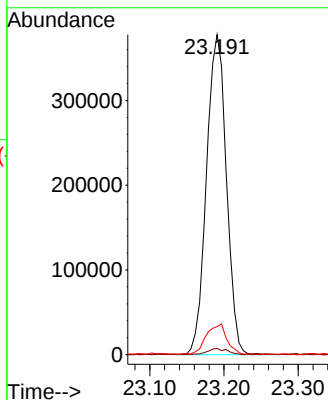
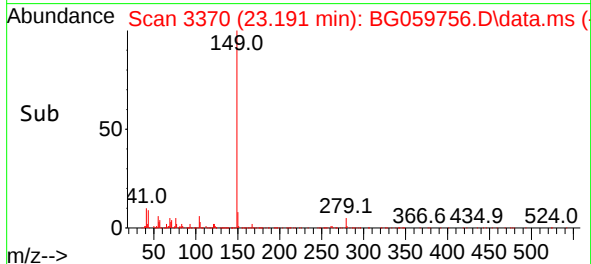
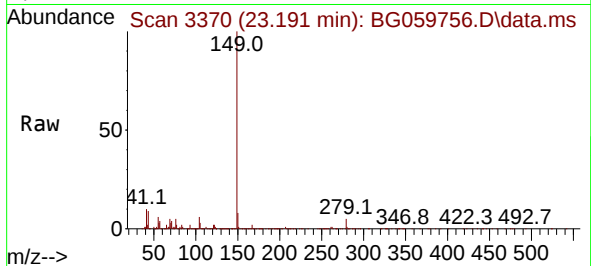
#85
Di-n-octyl phthalate
Concen: 42.656 ng
RT: 23.191 min Scan# 3370
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:149 Resp: 704690
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8
43 10.0 6.3 9.5

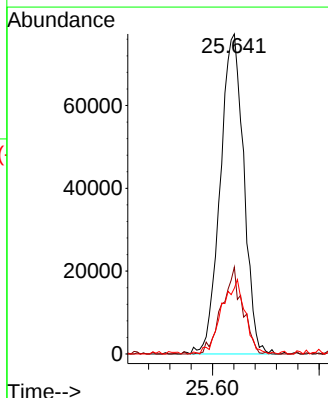
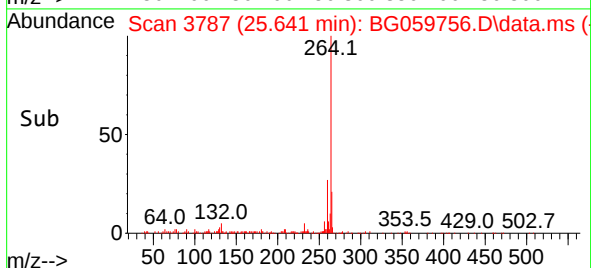
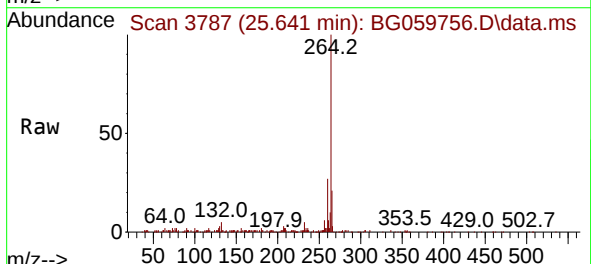
Manual Integrations
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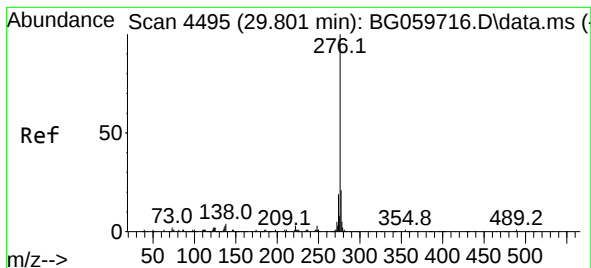
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.641 min Scan# 3787
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:264 Resp: 236662
Ion Ratio Lower Upper
264 100
260 27.1 18.5 27.7
265 20.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.052 ng

RT: 29.801 min Scan# 4495

Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:276 Resp: 78885

Ion Ratio Lower Upper

276 100

138 0.8 1.8 2.6

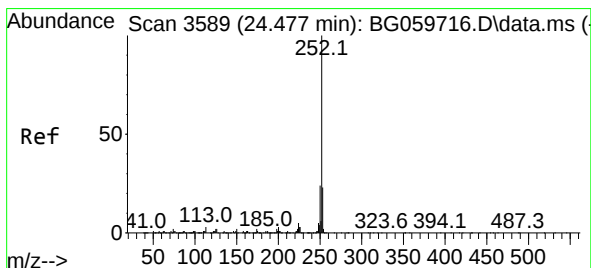
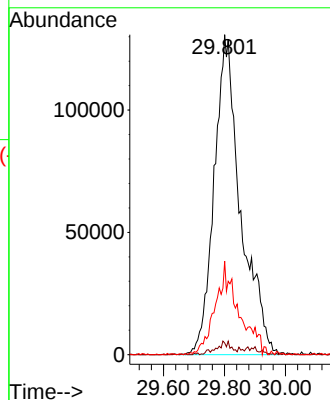
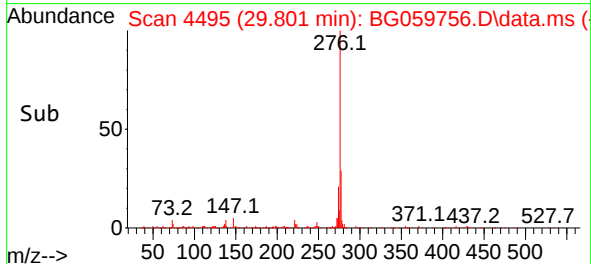
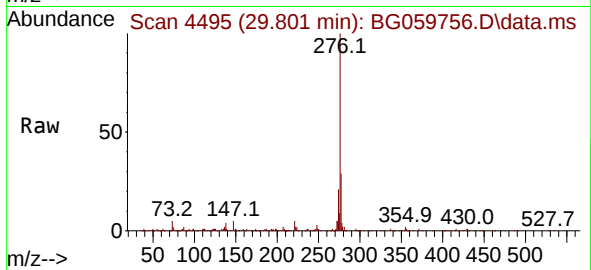
277 22.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#88

Benzo(b)fluoranthene

Concen: 57.549 ng

RT: 24.477 min Scan# 3589

Delta R.T. 0.000 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

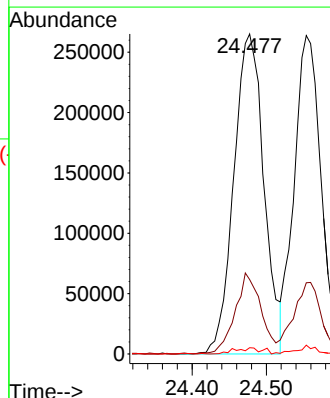
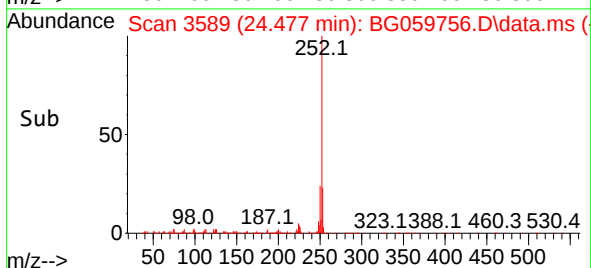
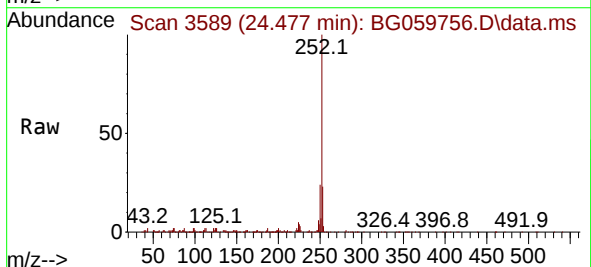
Tgt Ion:252 Resp: 746483

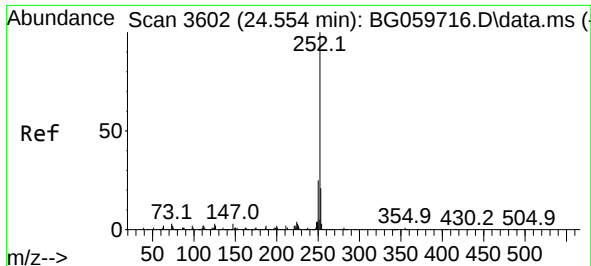
Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

125 2.0 1.4 2.0





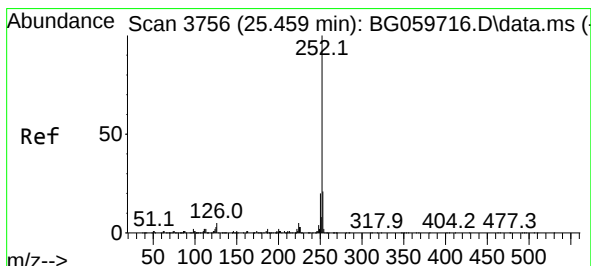
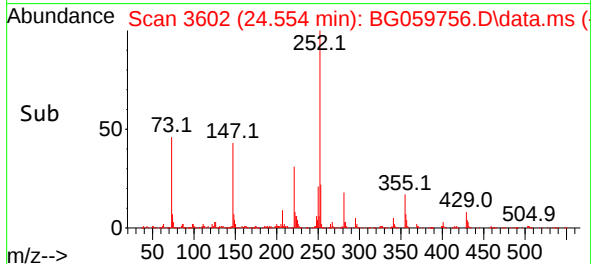
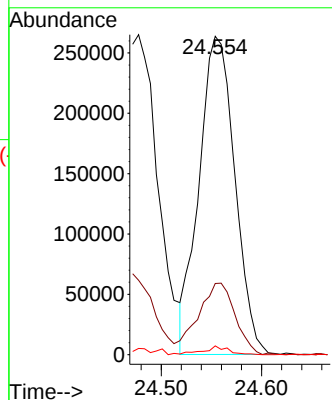
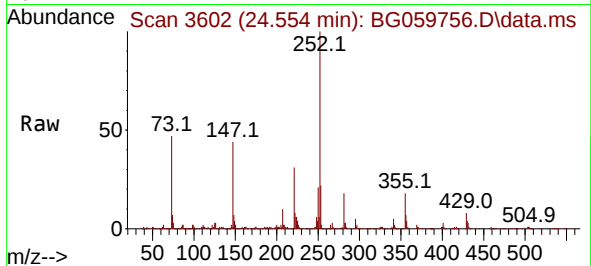
#89
Benzo(k)fluoranthene
Concen: 51.070 ng
RT: 24.554 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Tgt Ion:252 Resp: 654914
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 2.8 2.2 3.2

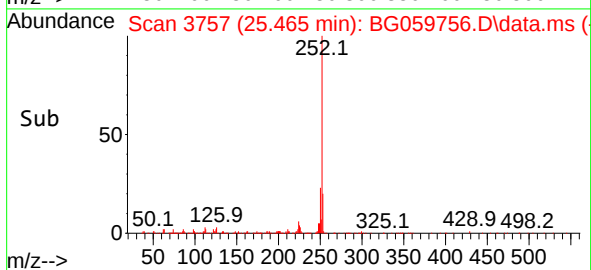
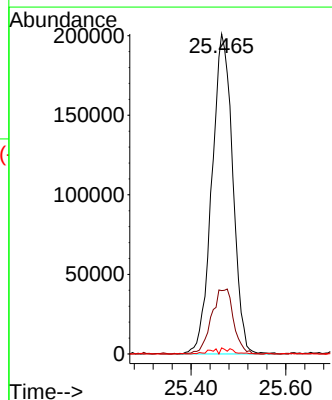
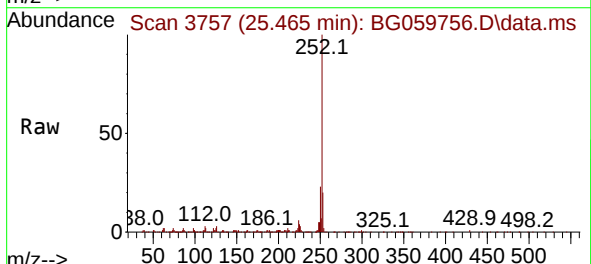
Manual Integrations
APPROVED

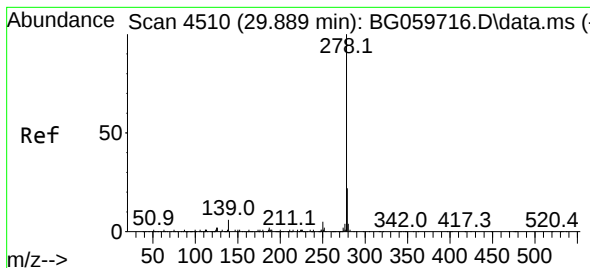
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/21/2023



#90
Benzo(a)pyrene
Concen: 44.243 ng
RT: 25.465 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BG059756.D
Acq: 18 Nov 2023 9:11

Tgt Ion:252 Resp: 612482
Ion Ratio Lower Upper
252 100
253 19.8 16.8 25.2
125 1.9 2.0 3.0#





#91

Dibenzo(a,h)anthracene

Concen: 44.090 ng

RT: 29.901 min Scan# 4

Delta R.T. 0.012 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Instrument :

BNA_G

ClientSampleId :

TP-2MSD

Tgt Ion:278 Resp: 667980

Ion Ratio Lower Upper

278 100

139 2.2 4.6 7.0

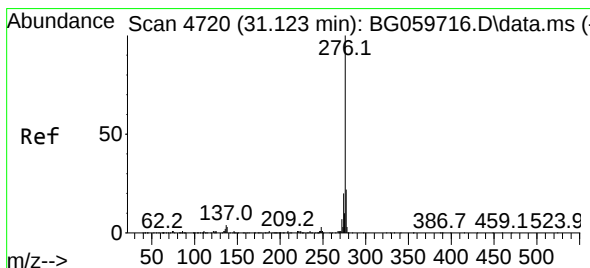
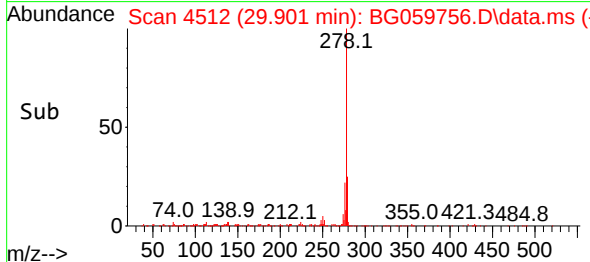
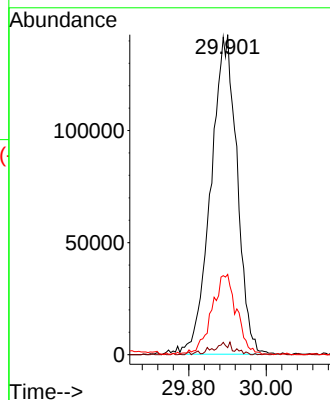
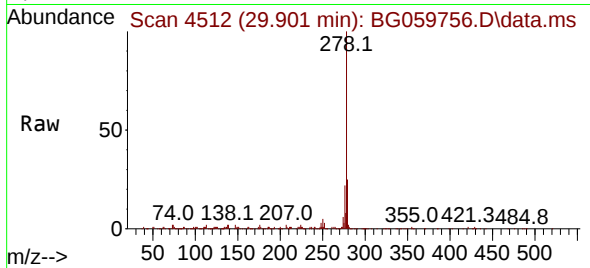
279 25.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/21/2023



#92

Benzo(g,h,i)perylene

Concen: 42.672 ng

RT: 31.152 min Scan# 4725

Delta R.T. 0.029 min

Lab File: BG059756.D

Acq: 18 Nov 2023 9:11

Tgt Ion:276 Resp: 613429

Ion Ratio Lower Upper

276 100

277 21.0 17.3 25.9

138 3.3 2.6 4.0

