

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059905.D
 Acq On : 27 Nov 2023 16:55
 Operator : MA/JU
 Sample : 05425-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)MSD

Quant Time: Nov 27 23:12:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.307	152	38471	20.000	ng	0.00
21) Naphthalene-d8	11.157	136	179957	20.000	ng	# 0.00
39) Acenaphthene-d10	14.941	164	120195	20.000	ng	0.00
64) Phenanthrene-d10	17.691	188	265831	20.000	ng	0.00
76) Chrysene-d12	22.015	240	220748	20.000	ng	0.00
86) Perylene-d12	25.570	264	241654	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	239537	104.799	ng	0.00
7) Phenol-d6	7.438	99	391130	115.475	ng	0.00
23) Nitrobenzene-d5	9.512	82	342498	72.688	ng	0.00
42) 2,4,6-Tribromophenol	16.427	330	181042	132.752	ng	0.00
45) 2-Fluorobiphenyl	13.560	172	720502	80.688	ng	0.00
79) Terphenyl-d14	20.264	244	1108349	74.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.625	88	27371	25.496	ng	# 93
3) Pyridine	4.048	79	65763	22.428	ng	94
4) n-Nitrosodimethylamine	3.971	42	54200	34.746	ng	# 53
6) Aniline	7.632	93	82224	18.394	ng	97
8) 2-Chlorophenol	7.855	128	122022	49.210	ng	88
9) Benzaldehyde	7.456	77	23934	10.454	ng	# 82
10) Phenol	7.461	94	163752	46.908	ng	93
11) bis(2-Chloroethyl)ether	7.720	93	90658	41.718	ng	93
12) 1,3-Dichlorobenzene	8.184	146	126640	45.979	ng	94
13) 1,4-Dichlorobenzene	8.343	146	133793	48.373	ng	96
14) 1,2-Dichlorobenzene	8.666	146	129728	47.209	ng	93
15) Benzyl Alcohol	8.548	79	183278	47.451	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.825	45	35323	44.180	ng	# 63
17) 2-Methylphenol	8.736	107	117167	45.568	ng	92
18) Hexachloroethane	9.394	117	55492	47.270	ng	93
19) n-Nitroso-di-n-propyla...	9.112	70	113418	42.521	ng	# 94
20) 3+4-Methylphenols	9.065	107	158001	44.263	ng	97
22) Acetophenone	9.148	105	235036	46.132	ng	97
24) Nitrobenzene	9.553	77	192307	44.314	ng	94
25) Isophorone	10.058	82	327606	41.414	ng	98
26) 2-Nitrophenol	10.258	139	70645	44.403	ng	92
27) 2,4-Dimethylphenol	10.282	122	122186	37.772	ng	96
28) bis(2-Chloroethoxy)met...	10.540	93	137375	46.213	ng	# 95
29) 2,4-Dichlorophenol	10.787	162	141119	51.096	ng	89
30) 1,2,4-Trichlorobenzene	11.004	180	141591	50.727	ng	92
31) Naphthalene	11.204	128	419553	46.365	ng	97
32) Benzoic acid	10.417	122	89727	40.757	ng	# 57
33) 4-Chloroaniline	11.327	127	30407	7.900	ng	# 91
34) Hexachlorobutadiene	11.427	225	94116	49.544	ng	94
35) Caprolactam	12.115	113	43363m	42.960	ng	
36) 4-Chloro-3-methylphenol	12.403	107	180665	49.187	ng	96
37) 2-Methylnaphthalene	12.785	142	329850	43.280	ng	# 85
38) 1-Methylnaphthalene	13.002	142	315536	44.895	ng	100
40) 1,2,4,5-Tetrachloroben...	13.131	216	171404	52.804	ng	99
41) Hexachlorocyclopentadiene	13.084	237	213078	104.646	ng	94
43) 2,4,6-Trichlorophenol	13.372	196	116913	51.794	ng	85

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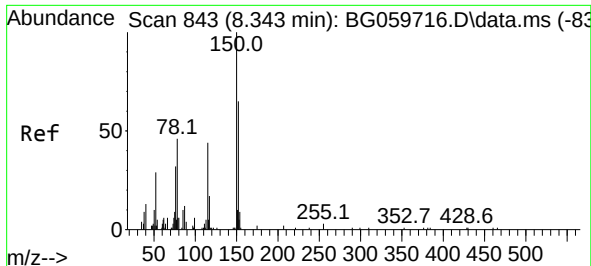
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.448	196	122466	46.174	ng	# 74
46) 1,1'-Biphenyl	13.778	154	463571	49.137	ng	96
47) 2-Chloronaphthalene	13.830	162	334060	51.532	ng	96
48) 2-Nitroaniline	14.048	65	114254	49.365	ng	90
49) Acenaphthylene	14.671	152	550039	49.762	ng	# 95
50) Dimethylphthalate	14.383	163	449202	48.226	ng	98
51) 2,6-Dinitrotoluene	14.530	165	84930	48.064	ng	96
52) Acenaphthene	15.006	154	314599	47.326	ng	96
53) 3-Nitroaniline	14.870	138	37560	18.160	ng	# 88
54) 2,4-Dinitrophenol	15.064	184	109062	83.059	ng	# 61
55) Dibenzofuran	15.335	168	522760	47.697	ng	94
56) 4-Nitrophenol	15.152	139	140635	88.874	ng	94
57) 2,4-Dinitrotoluene	15.305	165	126321	46.486	ng	# 95
58) Fluorene	15.987	166	434528	47.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.546	232	108859	46.691	ng	96
60) Diethylphthalate	15.728	149	492889	49.340	ng	97
61) 4-Chlorophenyl-phenyle...	15.963	204	218579	46.637	ng	96
62) 4-Nitroaniline	16.028	138	79004	38.113	ng	97
63) Azobenzene	16.257	77	483603	43.563	ng	97
65) 4,6-Dinitro-2-methylph...	16.057	198	78432	48.279	ng	86
66) n-Nitrosodiphenylamine	16.186	169	388461	50.024	ng	97
67) 4-Bromophenyl-phenylether	16.862	248	143030	50.084	ng	97
68) Hexachlorobenzene	16.956	284	150081	56.306	ng	97
69) Atrazine	17.121	200	154683	62.129	ng	96
70) Pentachlorophenol	17.315	266	192745	94.784	ng	92
71) Phenanthrene	17.738	178	655730	48.517	ng	96
72) Anthracene	17.826	178	675218	48.083	ng	97
73) Carbazole	18.102	167	567526	46.260	ng	97
74) Di-n-butylphthalate	18.601	149	707754	47.728	ng	98
75) Fluoranthene	19.729	202	722951	44.604	ng	95
77) Benzidine	19.912	184	244172	48.779	ng	# 96
78) Pyrene	20.094	202	685426	45.636	ng	97
80) Butylbenzylphthalate	20.946	149	289155	46.951	ng	94
81) Benzo(a)anthracene	21.991	228	669470	44.324	ng	97
82) 3,3'-Dichlorobenzidine	21.897	252	120711	21.452	ng	# 87
83) Chrysene	22.062	228	604758	43.678	ng	97
84) Bis(2-ethylhexyl)phtha...	21.815	149	380779	44.228	ng	# 94
85) Di-n-octyl phthalate	23.137	149	647347	39.058	ng	100
87) Indeno(1,2,3-cd)pyrene	29.700	276	823712m	45.048	ng	
88) Benzo(b)fluoranthene	24.424	252	680412	51.372	ng	# 94
89) Benzo(k)fluoranthene	24.494	252	664141	50.720	ng	# 98
90) Benzo(a)pyrene	25.399	252	603340	42.683	ng	# 96
91) Dibenzo(a,h)anthracene	29.782	278	704549	45.543	ng	# 95
92) Benzo(g,h,i)perylene	31.022	276	626827	42.703	ng	# 99

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



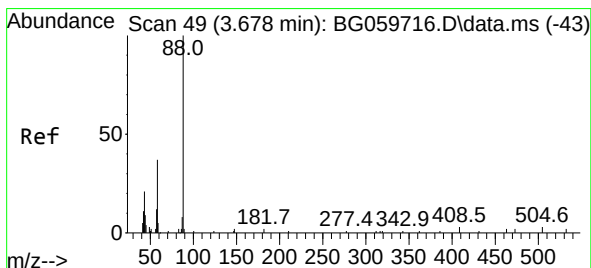
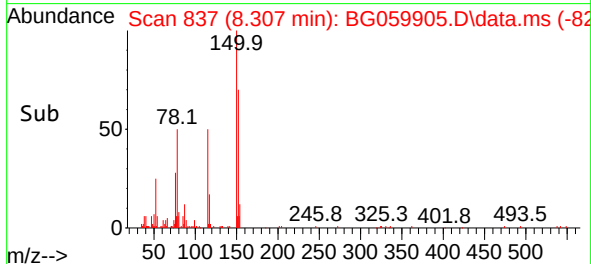
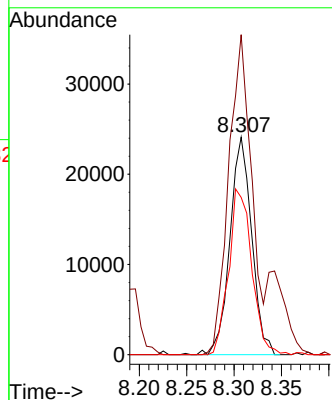
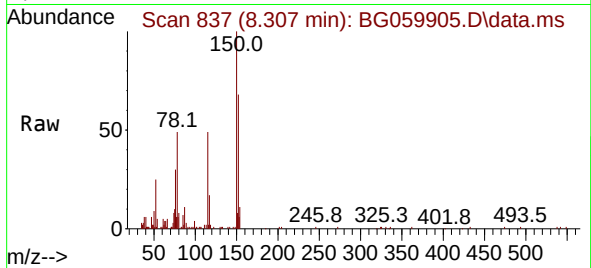
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.307 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:152 Resp: 3847
Ion Ratio Lower Upper
152 100
150 147.1 122.2 183.4
115 72.3 54.2 81.4

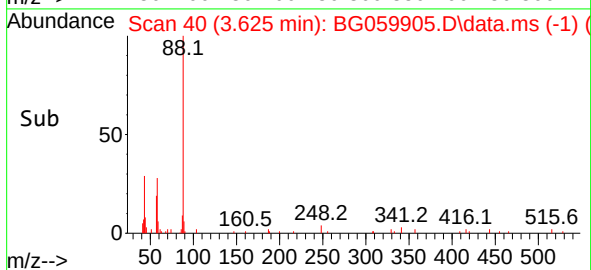
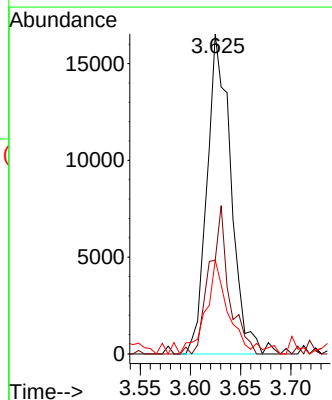
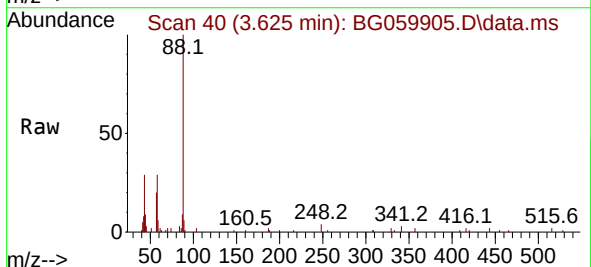
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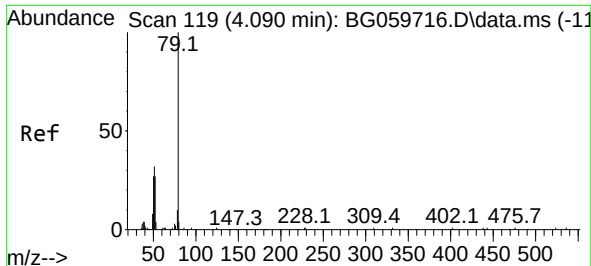
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#2
1,4-Dioxane
Concen: 25.496 ng
RT: 3.625 min Scan# 40
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 88 Resp: 27371
Ion Ratio Lower Upper
88 100
58 37.9 28.6 42.8
43 27.4 17.5 26.3#





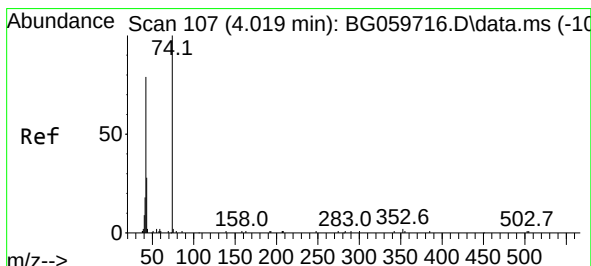
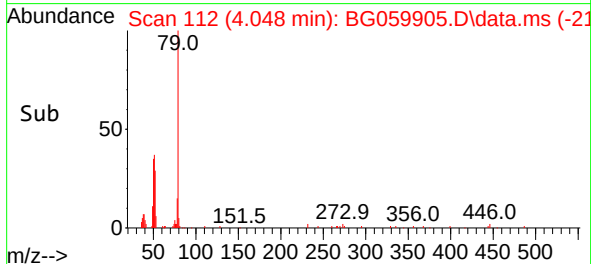
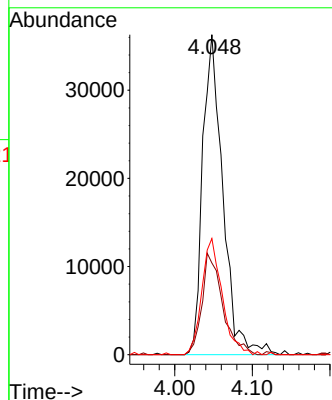
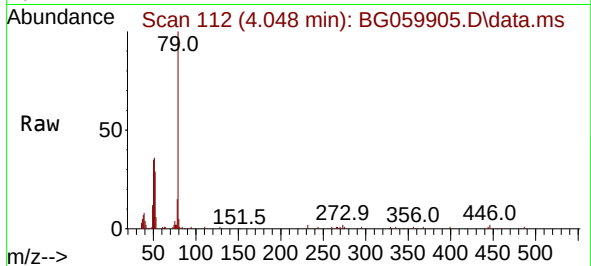
#3
Pyridine
Concen: 22.428 ng
RT: 4.048 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion: 79 Resp: 6576
Ion Ratio Lower Upper
79 100
52 28.6 21.6 32.4
51 36.3 25.3 37.9

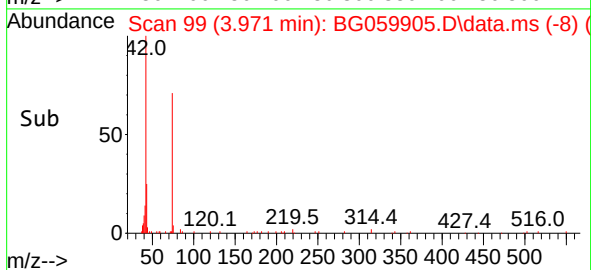
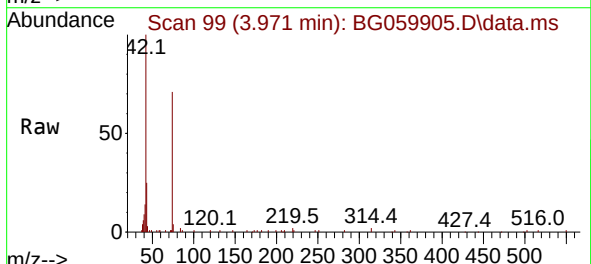
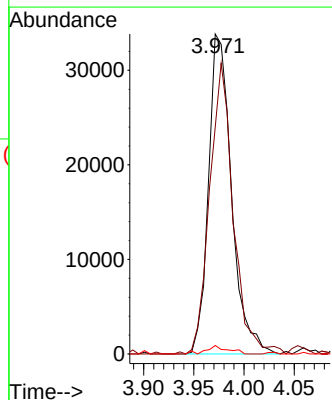
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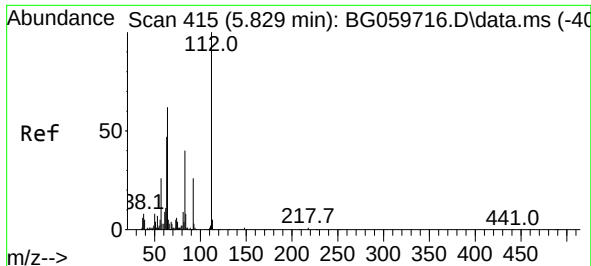
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#4
n-Nitrosodimethylamine
Concen: 34.746 ng
RT: 3.971 min Scan# 99
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

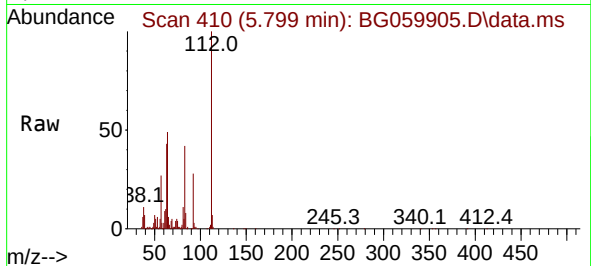
Tgt Ion: 42 Resp: 54200
Ion Ratio Lower Upper
42 100
74 70.9 101.2 151.8#
44 2.7 2.4 3.6





#5
2-Fluorophenol
Concen: 104.799 ng
RT: 5.799 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

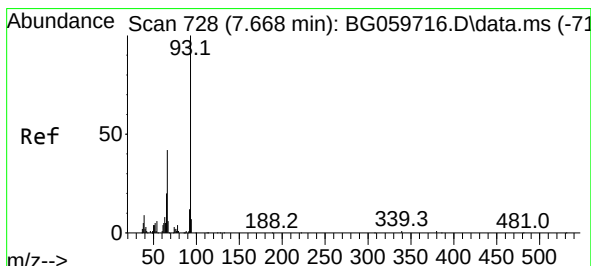
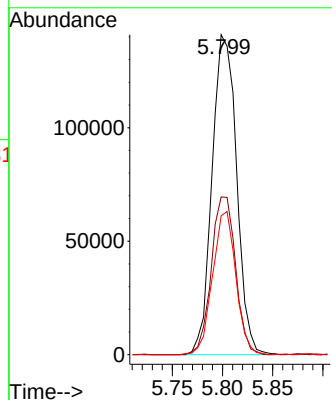
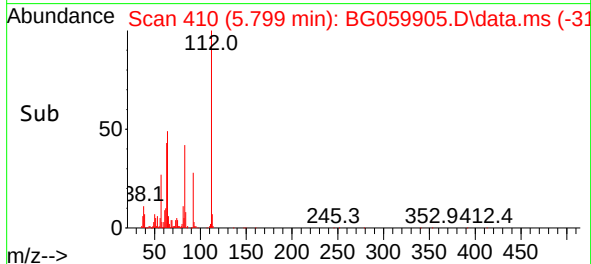
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:112 Resp: 239537
Ion Ratio Lower Upper
112 100
64 49.3 49.5 74.3
63 43.4 37.4 56.2

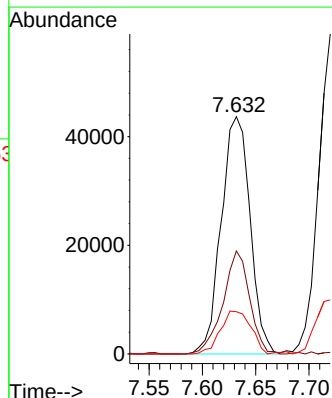
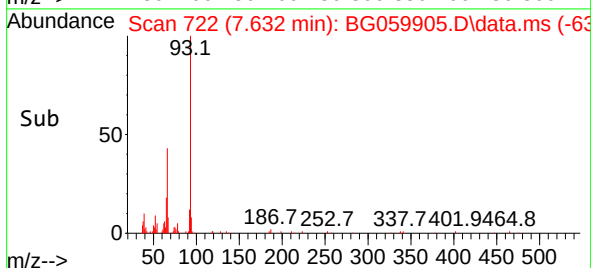
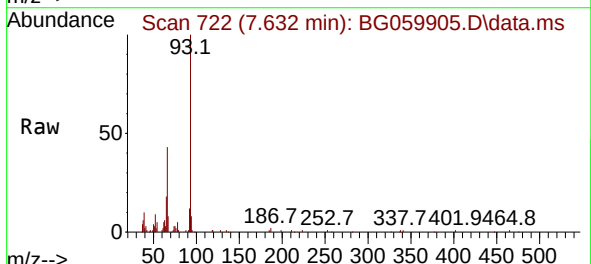
Manual Integrations
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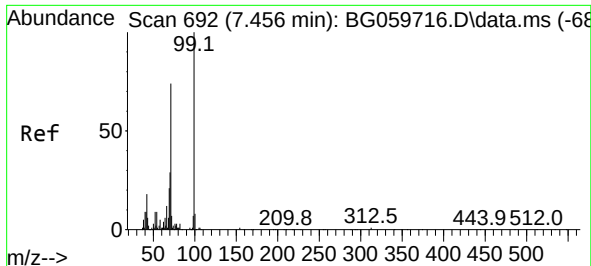
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 18.394 ng
RT: 7.632 min Scan# 722
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

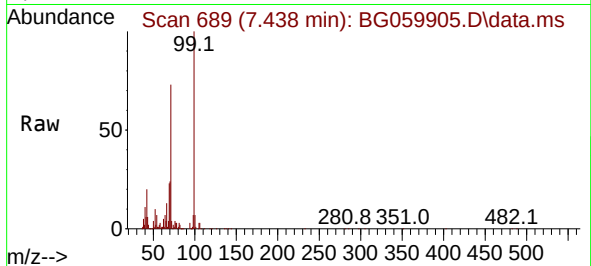
Tgt Ion: 93 Resp: 82224
Ion Ratio Lower Upper
93 100
66 43.4 33.9 50.9
65 17.8 15.8 23.8





#7
Phenol-d6
Concen: 115.475 ng
RT: 7.438 min Scan# 692
Delta R.T. 0.008 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

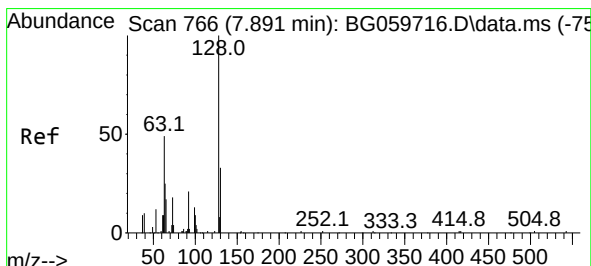
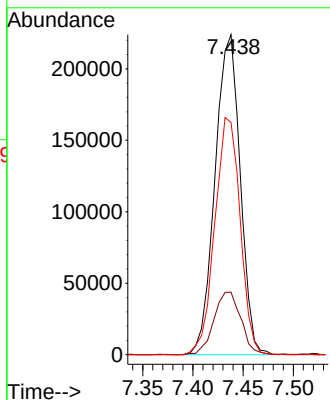
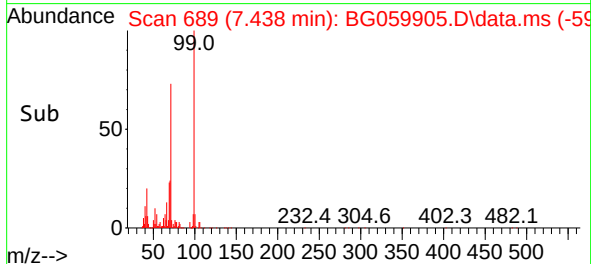
Instrument :
BNA_G
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O-5(5-10)MSD



Tgt Ion: 99 Resp: 391130
Ion Ratio Lower Upper
99 100
42 19.6 14.3 21.5
71 72.6 59.3 88.9

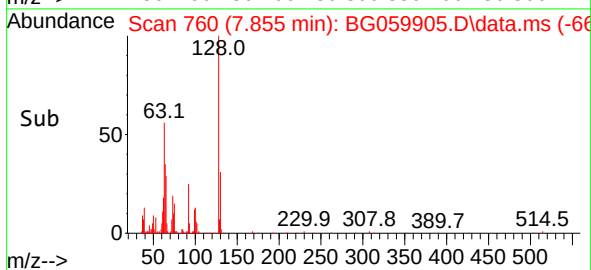
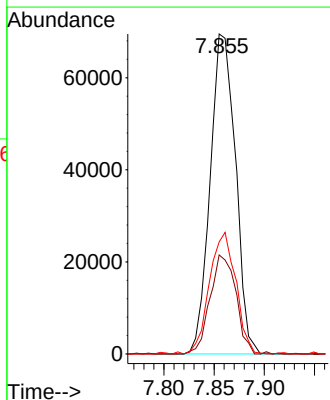
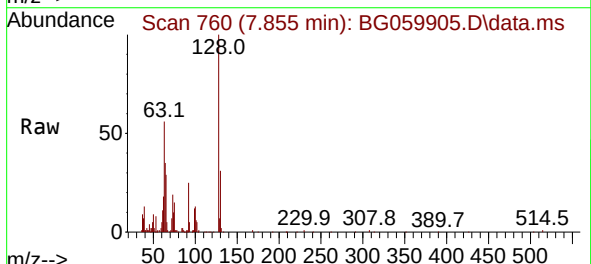
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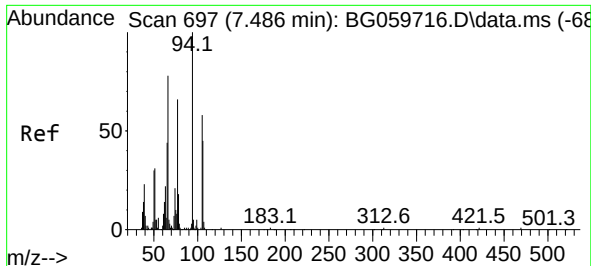
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#8
2-Chlorophenol
Concen: 49.210 ng
RT: 7.855 min Scan# 760
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:128 Resp: 122022
Ion Ratio Lower Upper
128 100
130 31.0 13.1 53.1
64 35.0 27.0 67.0





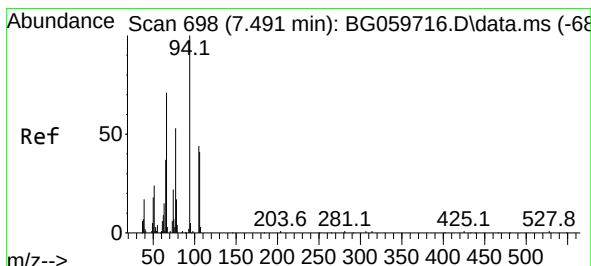
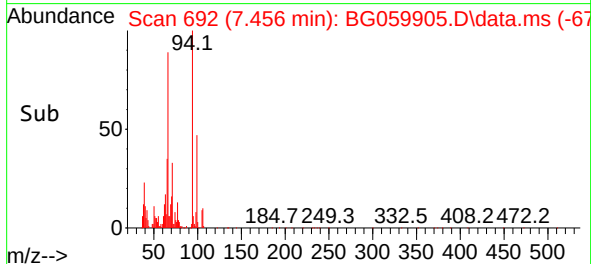
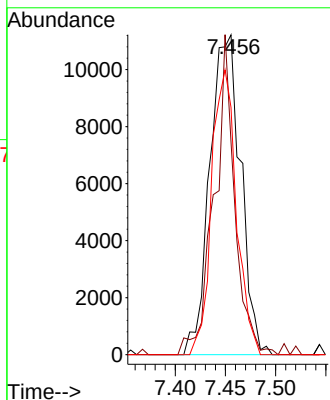
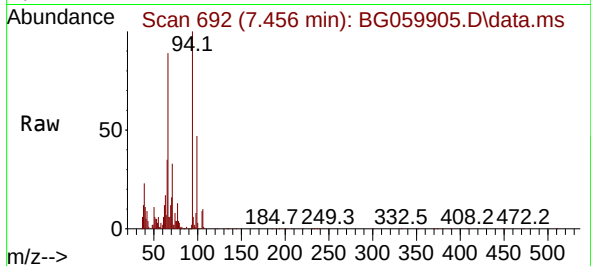
#9
Benzaldehyde
Concen: 10.454 ng
RT: 7.456 min Scan# 691
Delta R.T. 0.008 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion: 77 Resp: 23934
Ion Ratio Lower Upper
77 100
105 66.6 68.0 108.0
106 77.4 48.1 88.1

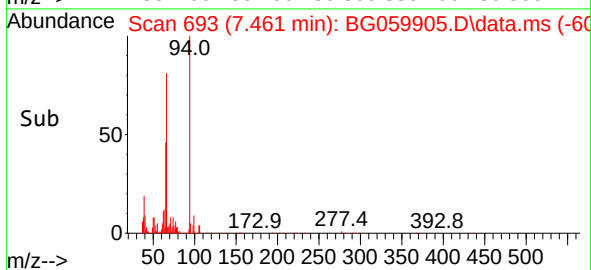
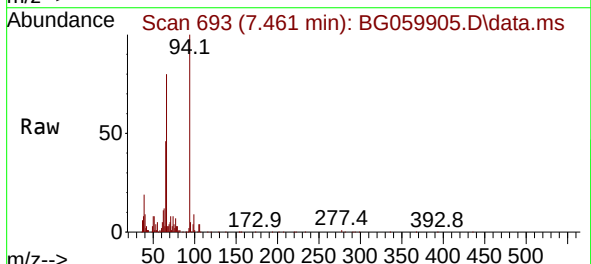
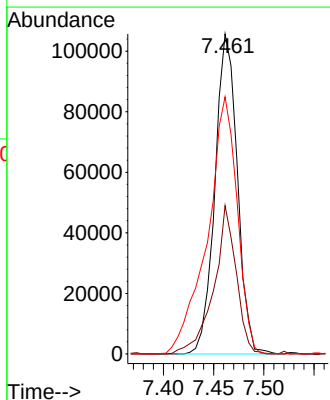
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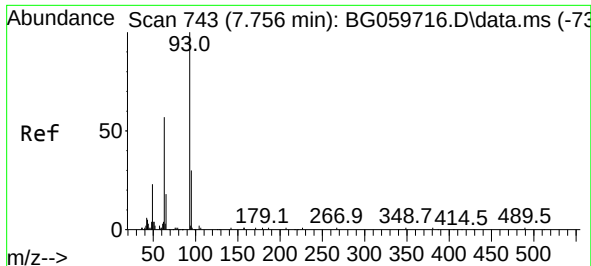
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Phenol
Concen: 46.908 ng
RT: 7.461 min Scan# 693
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 94 Resp: 163752
Ion Ratio Lower Upper
94 100
65 46.4 18.1 58.1
66 80.3 56.6 96.6





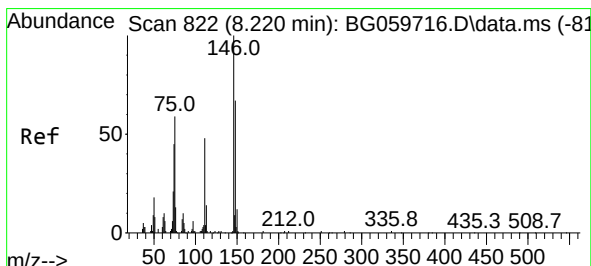
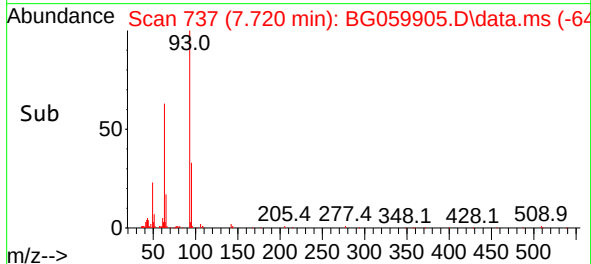
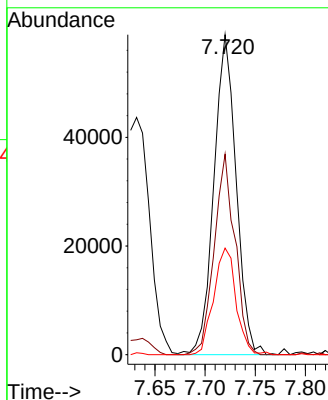
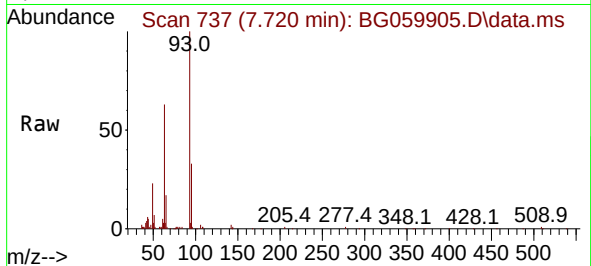
#11
bis(2-Chloroethyl)ether
Concen: 41.718 ng
RT: 7.720 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion: 93 Resp: 90658
Ion Ratio Lower Upper
93 100
63 62.6 37.2 77.2
95 33.3 10.2 50.2

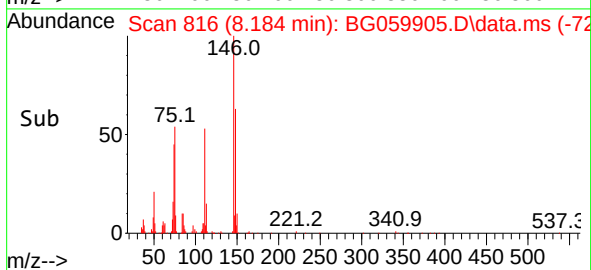
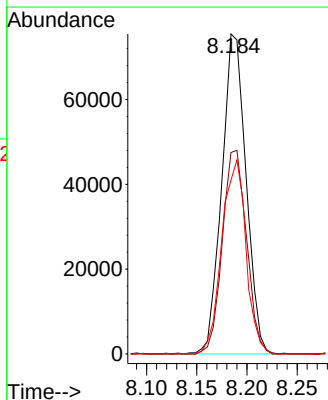
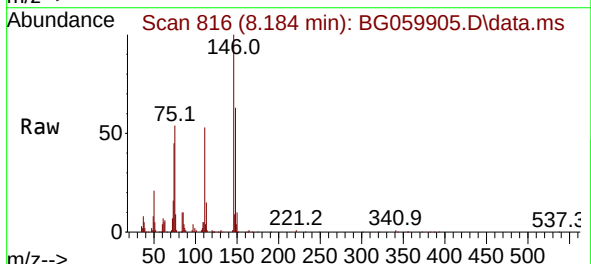
Manual Integrations
APPROVED

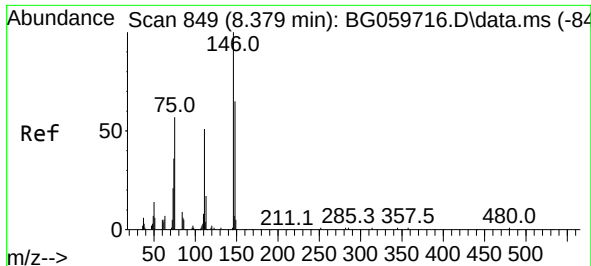
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#12
1,3-Dichlorobenzene
Concen: 45.979 ng
RT: 8.184 min Scan# 816
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

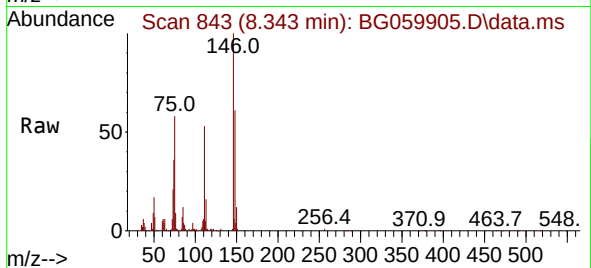
Tgt Ion:146 Resp: 126640
Ion Ratio Lower Upper
146 100
148 62.9 53.9 80.9
75 54.3 47.5 71.3





#13
1,4-Dichlorobenzene
Concen: 48.373 ng
RT: 8.343 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

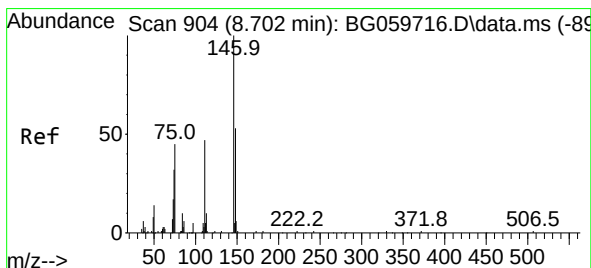
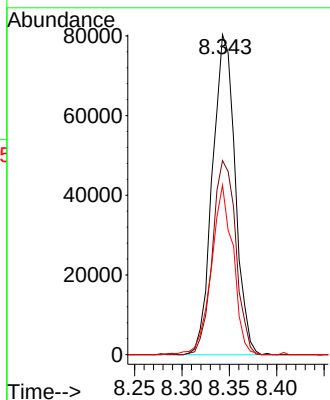
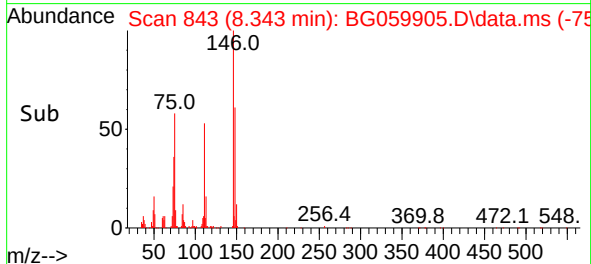
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:146 Resp: 13379
Ion Ratio Lower Upper
146 100
148 60.6 52.3 78.5
111 53.0 41.2 61.8

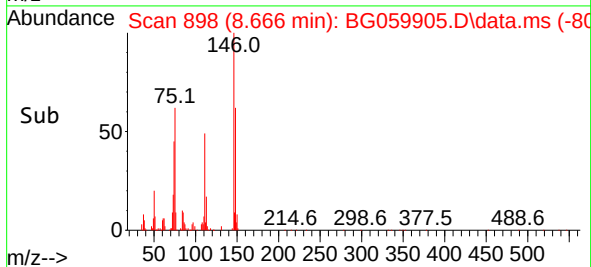
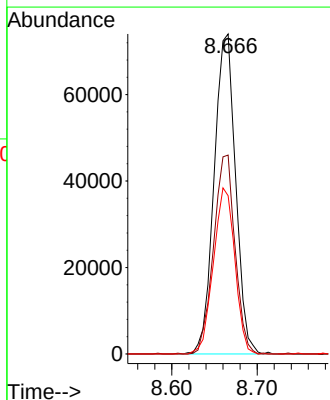
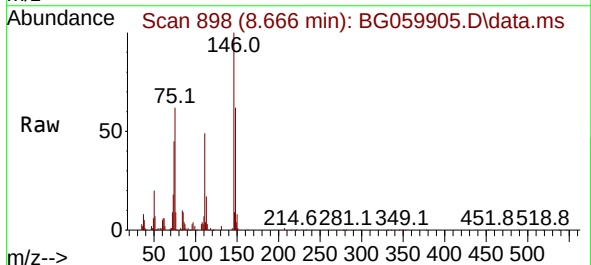
Manual Integrations
APPROVED

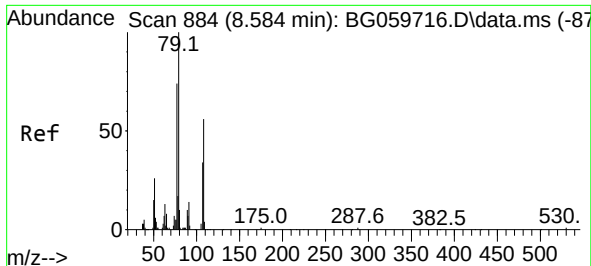
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#14
1,2-Dichlorobenzene
Concen: 47.209 ng
RT: 8.666 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

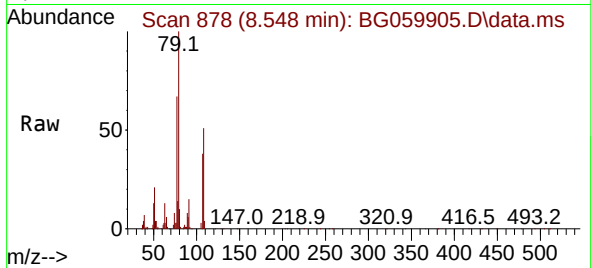
Tgt Ion:146 Resp: 129728
Ion Ratio Lower Upper
146 100
148 62.1 43.1 64.7
111 49.4 38.3 57.5





#15
Benzyl Alcohol
Concen: 47.451 ng
RT: 8.548 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

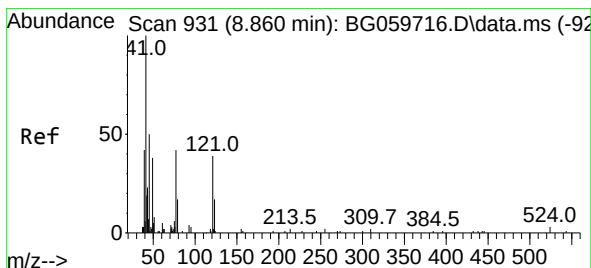
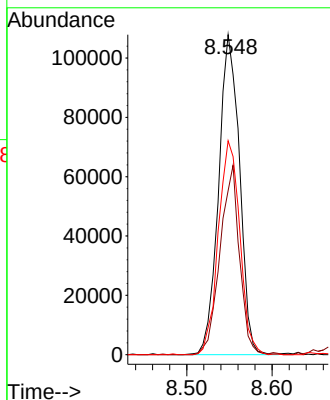
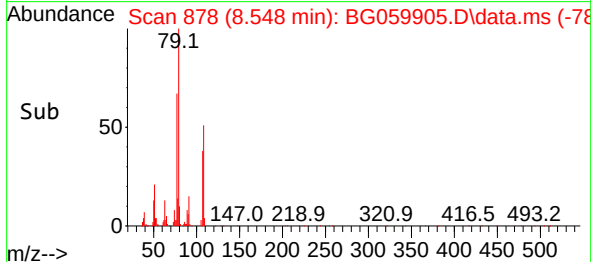
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion: 79 Resp: 183278
Ion Ratio Lower Upper
79 100
108 51.3 45.4 68.2
77 66.9 59.4 89.2

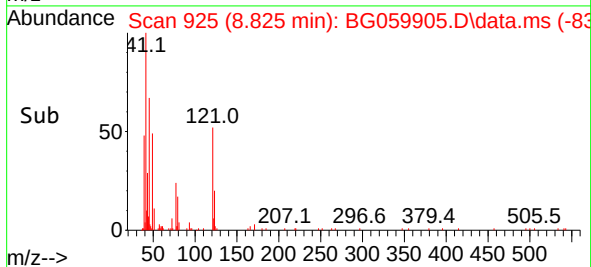
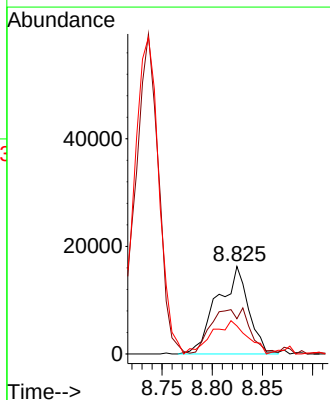
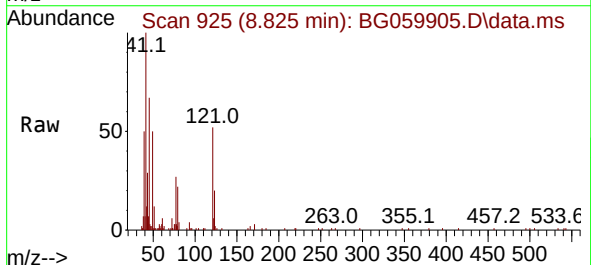
Manual Integrations
APPROVED

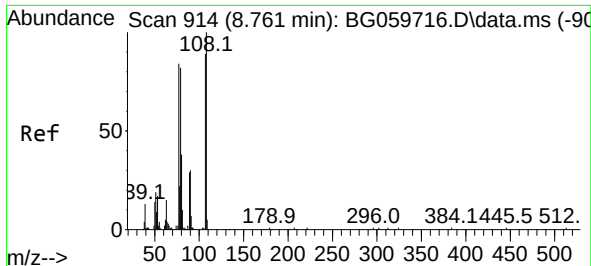
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.180 ng
RT: 8.825 min Scan# 925
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 45 Resp: 35323
Ion Ratio Lower Upper
45 100
77 40.2 63.6 103.6#
79 32.0 19.6 59.6





#17
2-Methylphenol
Concen: 45.568 ng
RT: 8.736 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

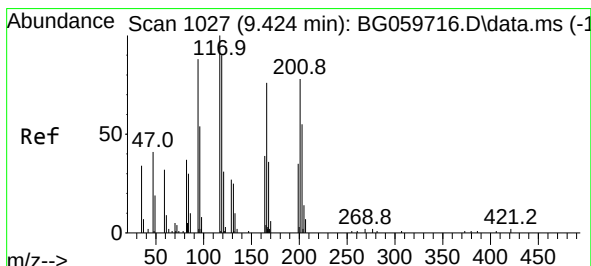
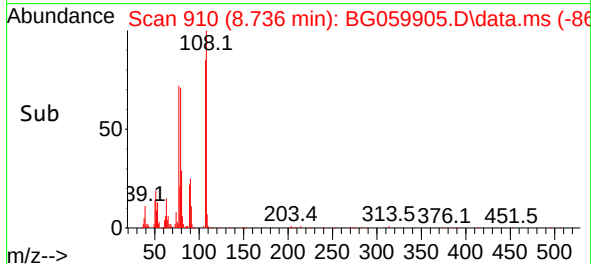
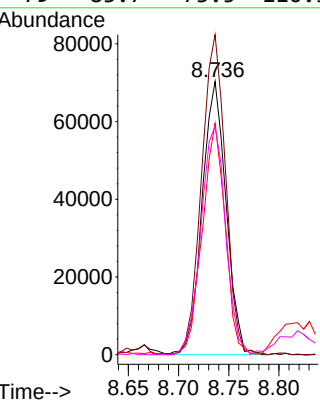
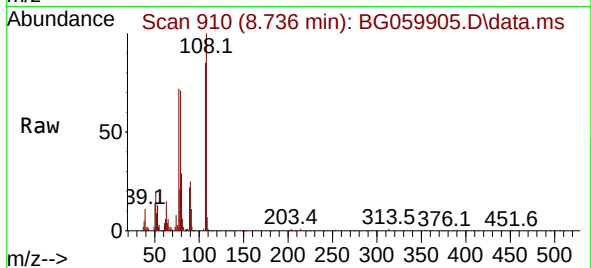
ClientSampleId :

O-5(5-10)MSD

Tgt Ion:107 Resp: 11716
Ion Ratio Lower Upper
107 100
108 117.1 90.0 135.0
77 84.6 76.5 114.7
79 83.7 73.5 110.3

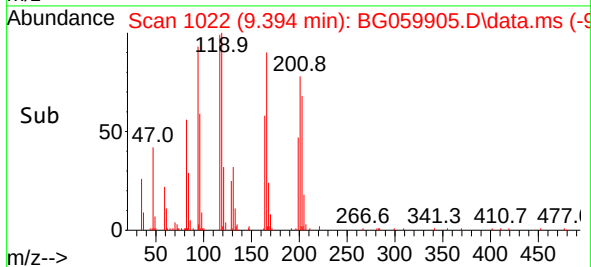
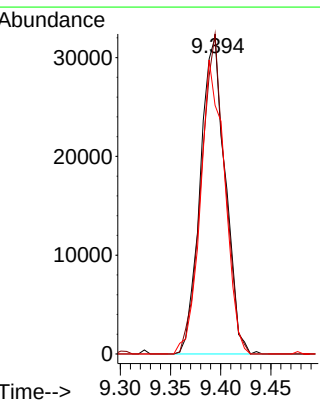
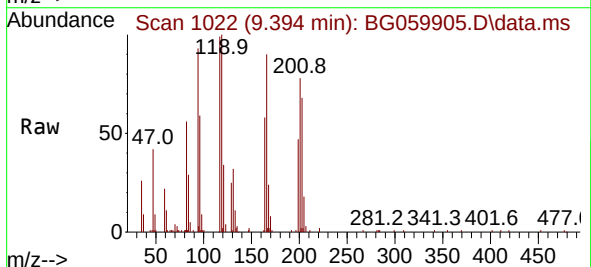
Manual Integrations
APPROVED

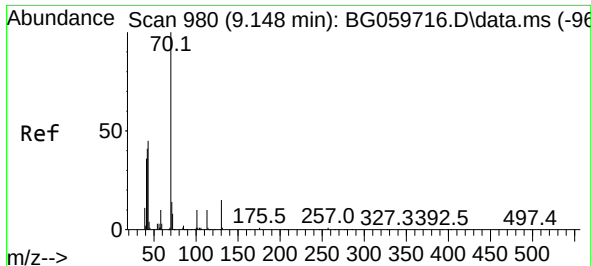
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 47.270 ng
RT: 9.394 min Scan# 1022
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

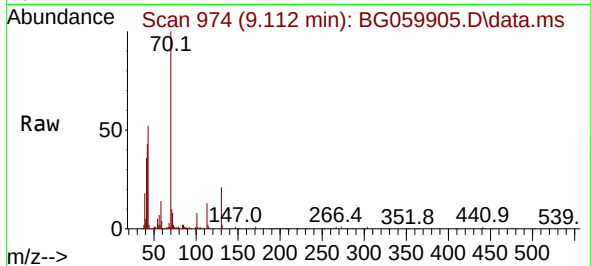
Tgt Ion:117 Resp: 55492
Ion Ratio Lower Upper
117 100
119 101.0 71.8 107.8
201 78.5 62.2 93.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.521 ng
RT: 9.112 min Scan# 911
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

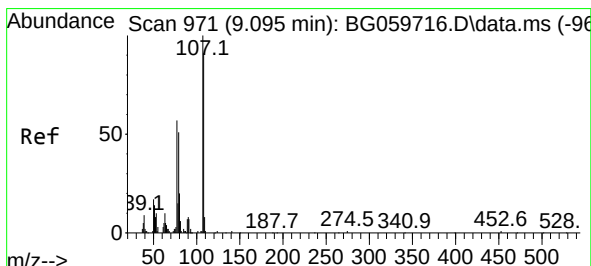
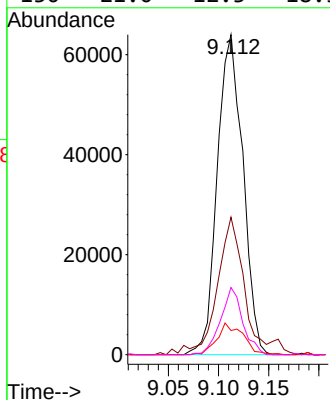
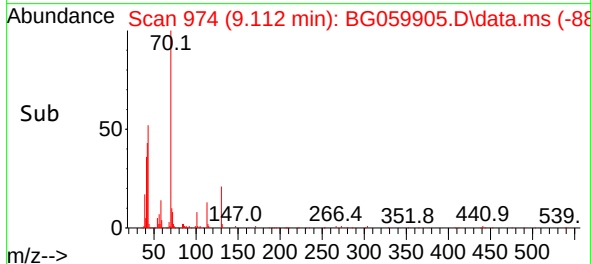
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



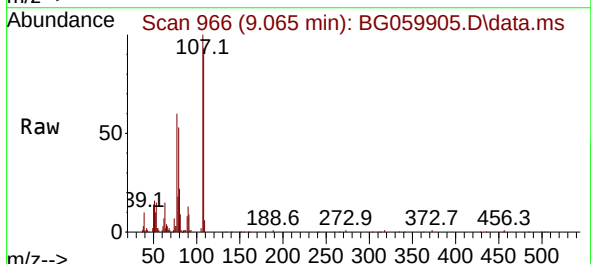
Tgt Ion: 70 Resp: 113418
Ion Ratio Lower Upper
70 100
42 43.0 32.8 49.2
101 7.5 7.7 11.5
130 21.0 12.3 18.5#

Manual Integrations
APPROVED

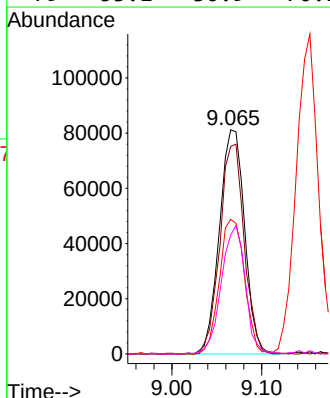
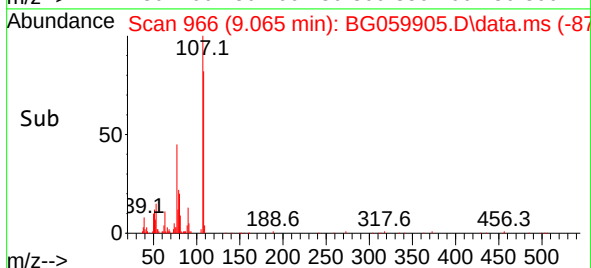
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

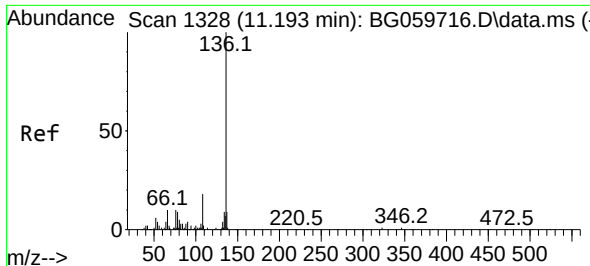


#20
3+4-Methylphenols
Concen: 44.263 ng
RT: 9.065 min Scan# 966
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



Tgt Ion:107 Resp: 158001
Ion Ratio Lower Upper
107 100
108 92.6 71.1 111.1
77 60.1 37.5 77.5
79 53.1 30.9 70.9





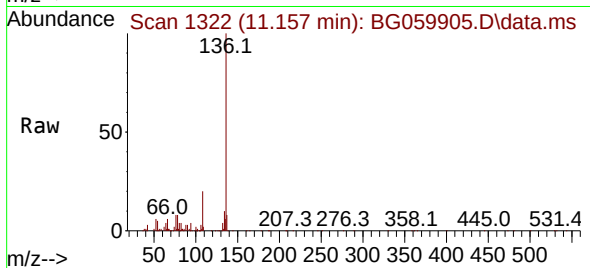
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD



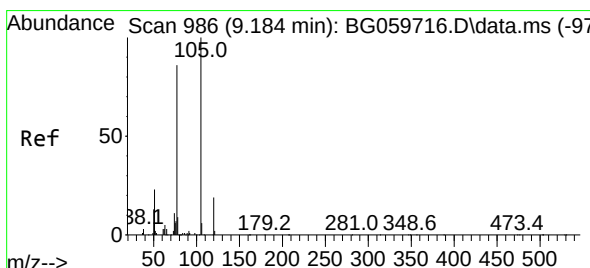
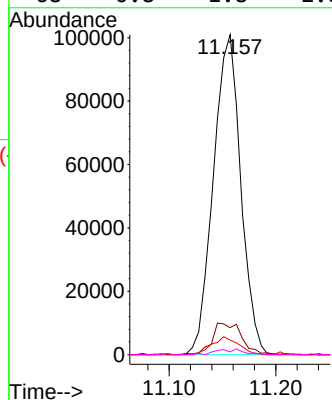
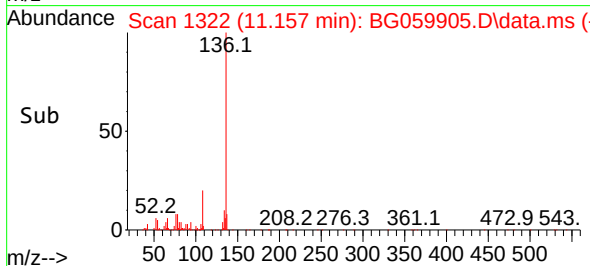
Tgt Ion:136 Resp: 17995
Ion Ratio Lower Upper
136 100
137 8.5 7.4 11.0
54 4.5 3.1 4.7
68 0.8 1.8 2.8#

Manual Integrations

APPROVED

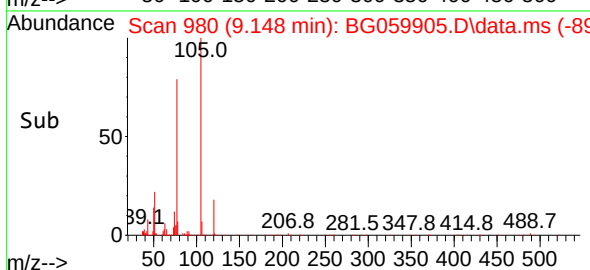
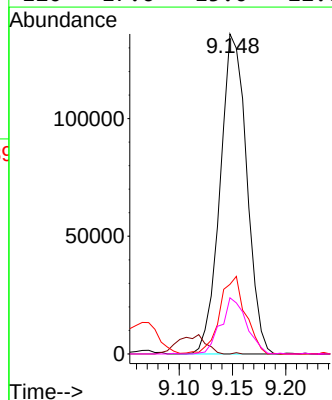
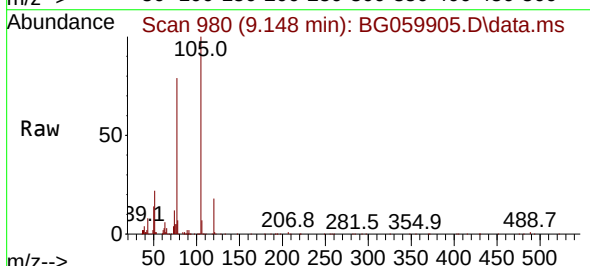
Reviewed By :Yogesh Patel 11/28/2023

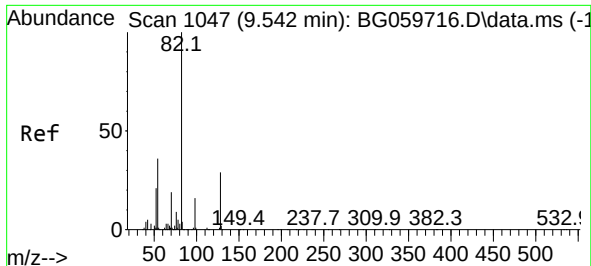
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 46.132 ng
RT: 9.148 min Scan# 980
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:105 Resp: 235036
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 21.8 18.4 27.6
120 17.6 15.0 22.6





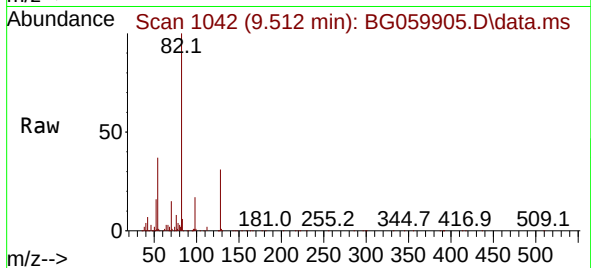
#23
Nitrobenzene-d5
Concen: 72.688 ng
RT: 9.512 min Scan# 1042
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD



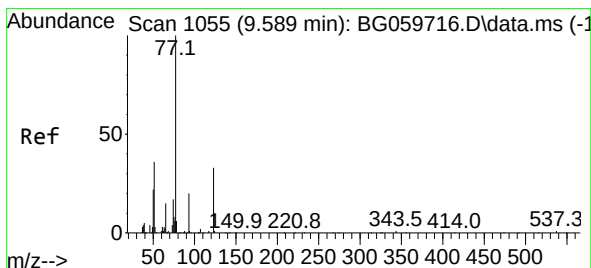
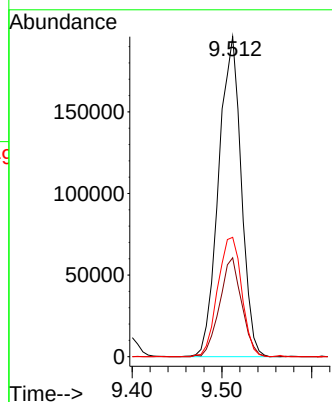
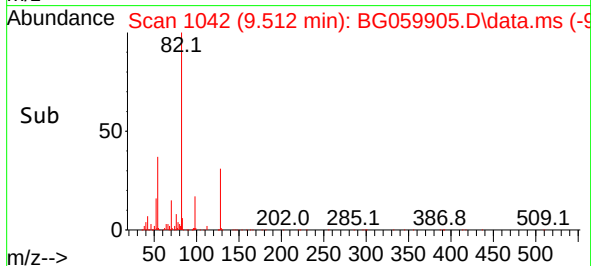
Tgt Ion: 82 Resp: 342498
Ion Ratio Lower Upper
82 100
128 30.9 23.0 34.6
54 37.3 28.7 43.1

Manual Integrations

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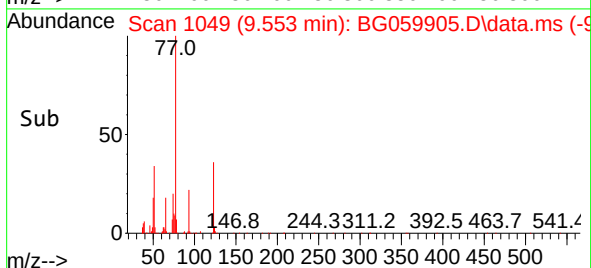
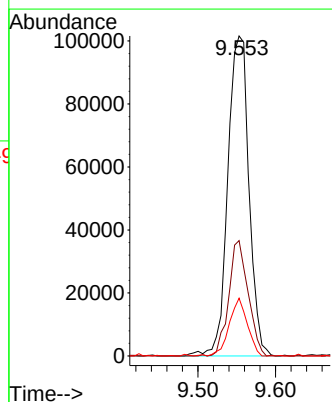
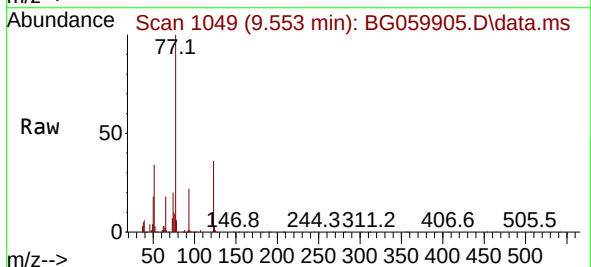
Reviewed By :Yogesh Patel 11/28/2023

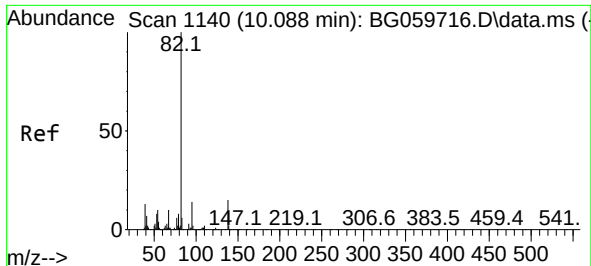
Supervised By :mohammad ahmed 11/28/2023



#24
Nitrobenzene
Concen: 44.314 ng
RT: 9.553 min Scan# 1049
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 77 Resp: 192307
Ion Ratio Lower Upper
77 100
123 36.0 26.1 39.1
65 18.0 12.1 18.1





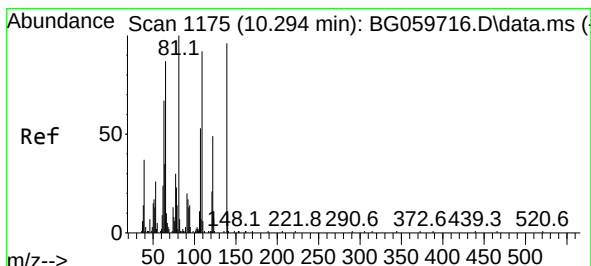
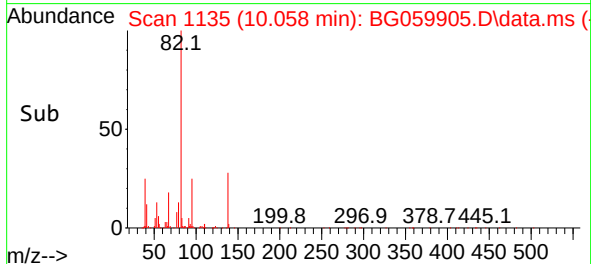
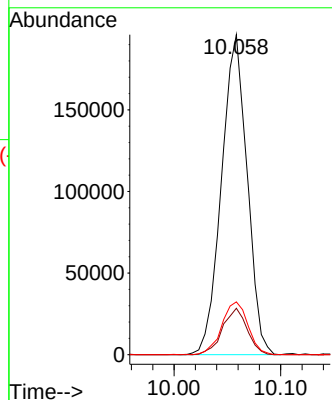
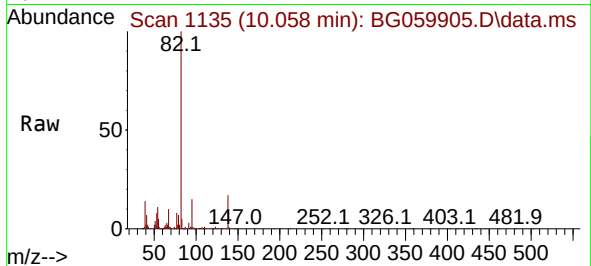
#25
Isophorone
Concen: 41.414 ng
RT: 10.058 min Scan# 1135
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion: 82 Resp: 327600
Ion Ratio Lower Upper
82 100
95 14.5 11.4 17.0
138 16.5 12.1 18.1

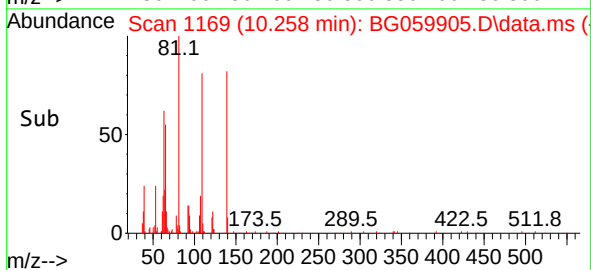
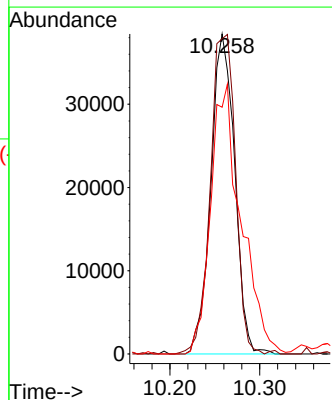
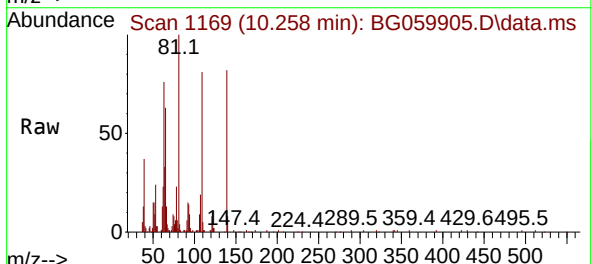
Manual Integrations
APPROVED

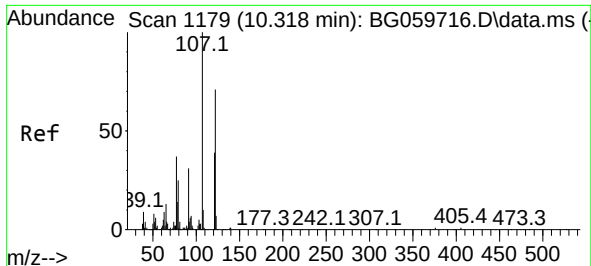
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#26
2-Nitrophenol
Concen: 44.403 ng
RT: 10.258 min Scan# 1169
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

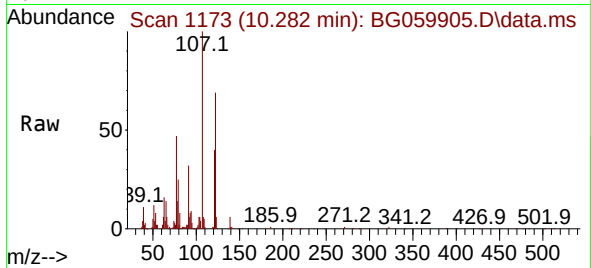
Tgt Ion:139 Resp: 70645
Ion Ratio Lower Upper
139 100
109 98.5 76.7 115.1
65 77.1 72.1 108.1





#27
2,4-Dimethylphenol
Concen: 37.772 ng
RT: 10.282 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

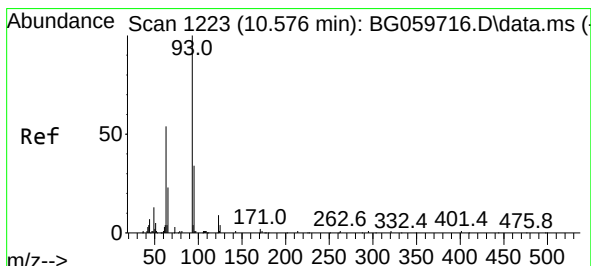
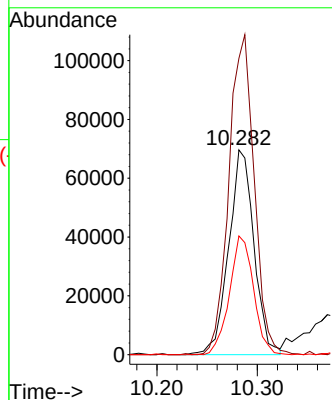
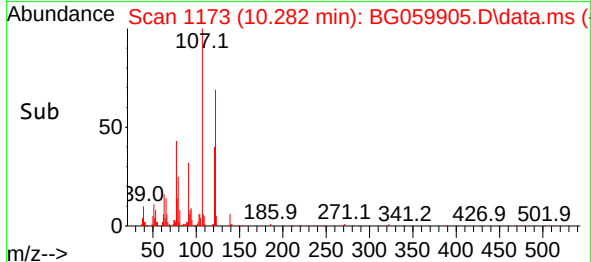
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:122 Resp: 122180
Ion Ratio Lower Upper
122 100
107 144.7 112.1 168.1
121 58.0 43.2 64.8

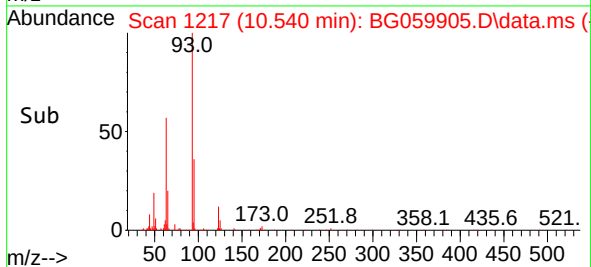
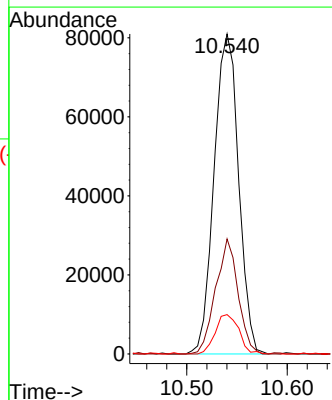
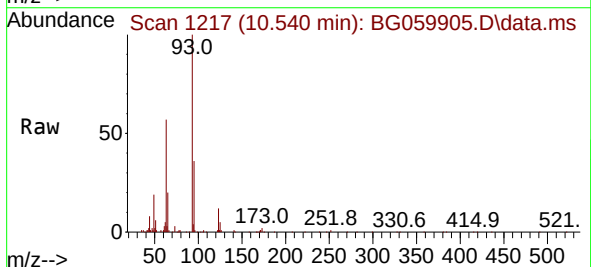
Manual Integrations
APPROVED

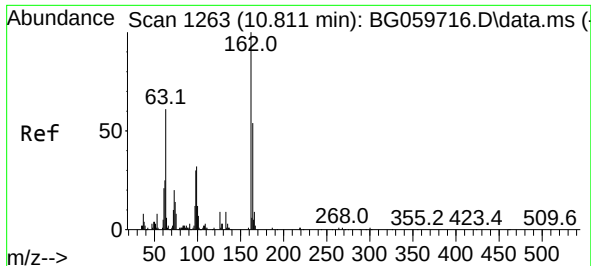
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.213 ng
RT: 10.540 min Scan# 1217
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

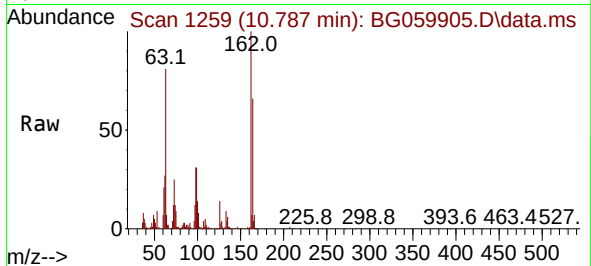
Tgt Ion: 93 Resp: 137375
Ion Ratio Lower Upper
93 100
95 35.9 27.0 40.6
123 12.3 7.6 11.4#





#29
2,4-Dichlorophenol
Concen: 51.096 ng
RT: 10.787 min Scan# 1259
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

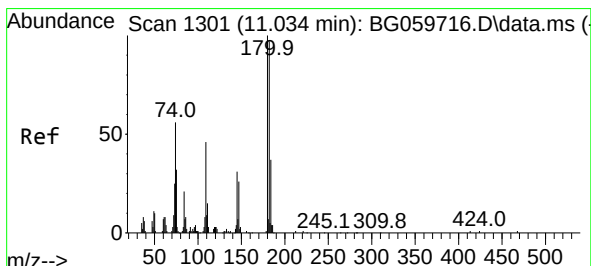
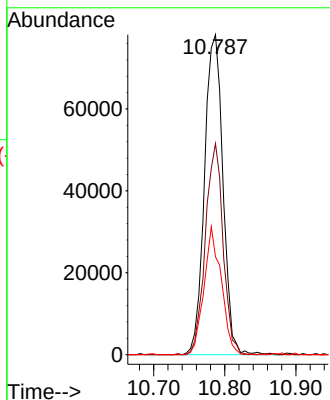
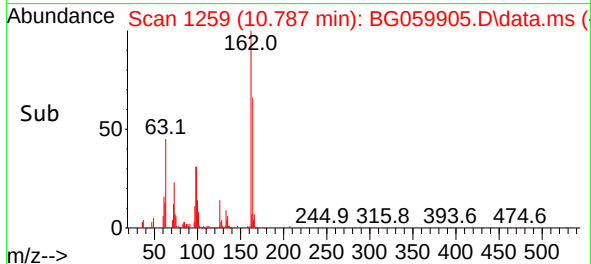
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:162 Resp: 141119
Ion Ratio Lower Upper
162 100
164 65.9 33.6 73.6
98 30.6 10.7 50.7

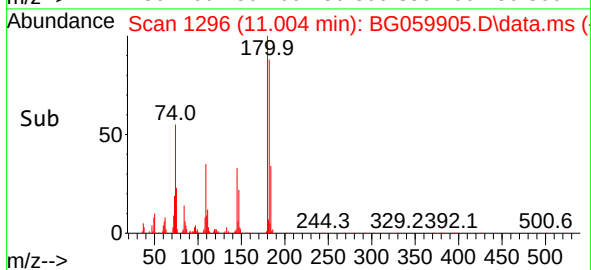
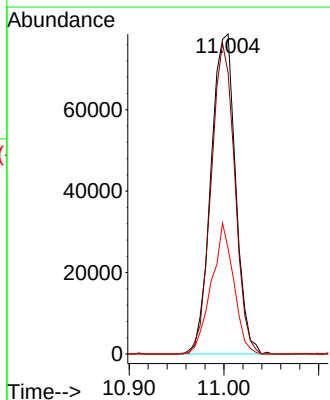
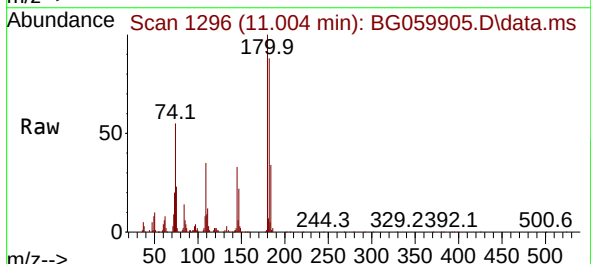
Manual Integrations
APPROVED

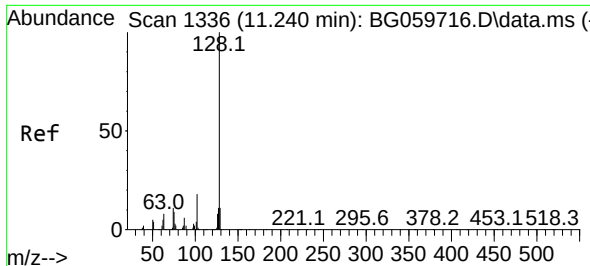
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 50.727 ng
RT: 11.004 min Scan# 1296
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

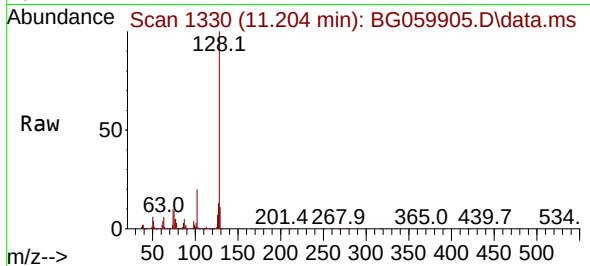
Tgt Ion:180 Resp: 141591
Ion Ratio Lower Upper
180 100
182 87.8 77.4 116.2
145 32.9 24.4 36.6





#31
Naphthalene
Concen: 46.365 ng
RT: 11.204 min Scan# 1195
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

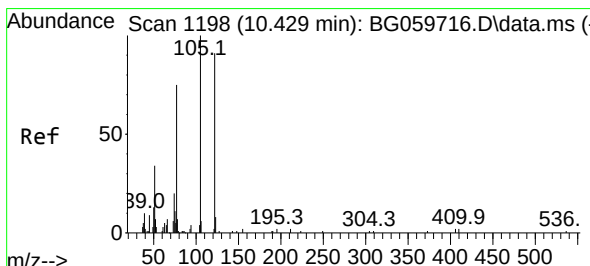
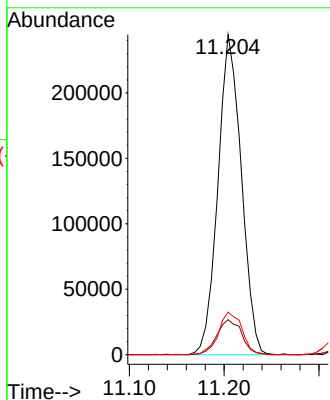
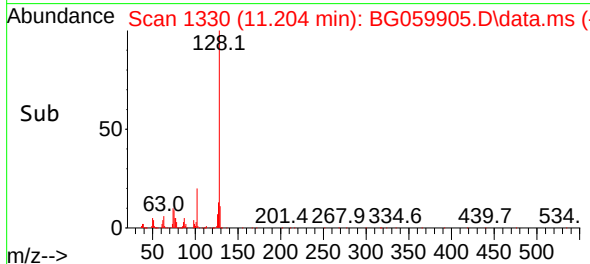
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:128 Resp: 41955
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 9.2 13.8

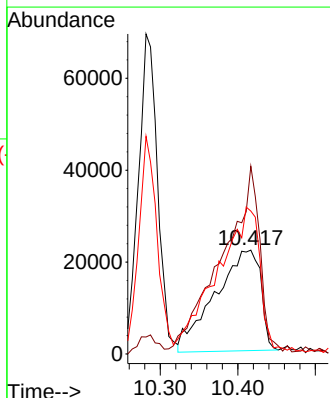
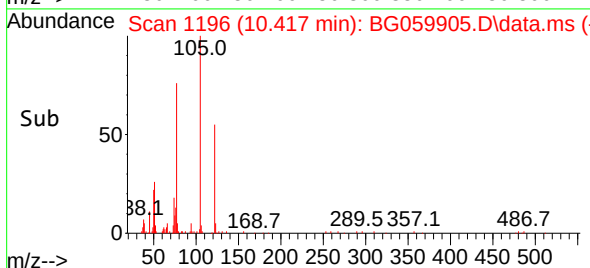
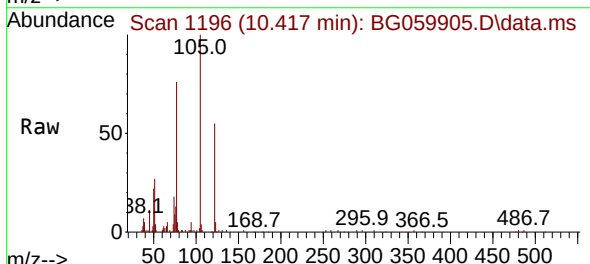
Manual Integrations
APPROVED

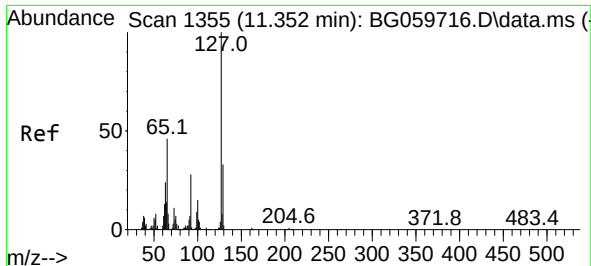
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#32
Benzoic acid
Concen: 40.757 ng
RT: 10.417 min Scan# 1196
Delta R.T. 0.014 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:122 Resp: 89727
Ion Ratio Lower Upper
122 100
105 180.7 103.7 143.7#
77 137.6 82.3 122.3#





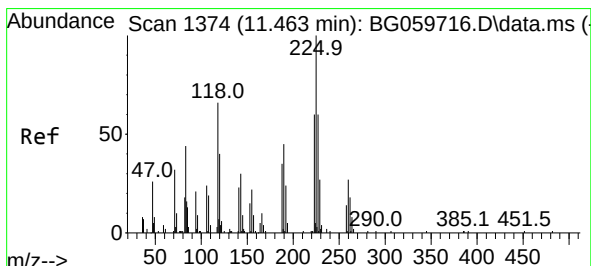
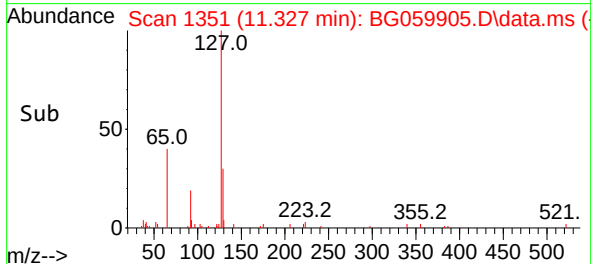
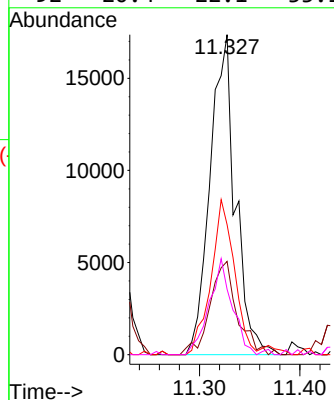
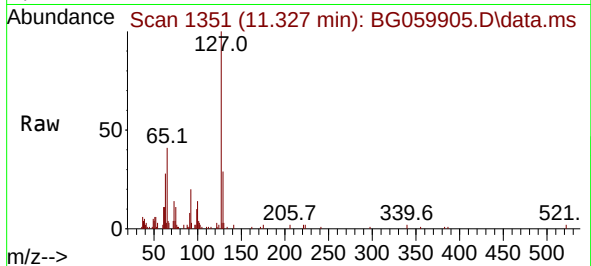
#33
4-Chloroaniline
Concen: 7.900 ng
RT: 11.327 min Scan# 1135
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.1	26.8	40.2
65	40.6	36.5	54.7
92	20.4	22.1	33.1

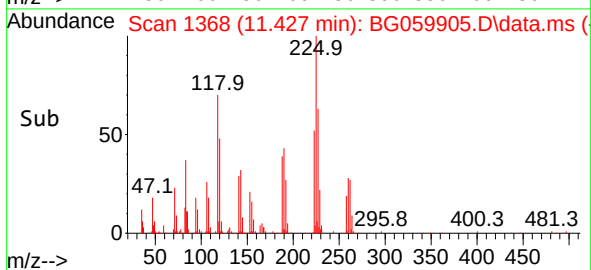
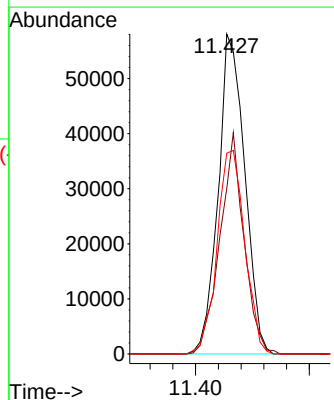
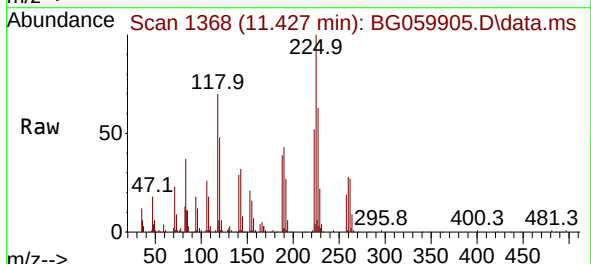
Manual Integrations
APPROVED

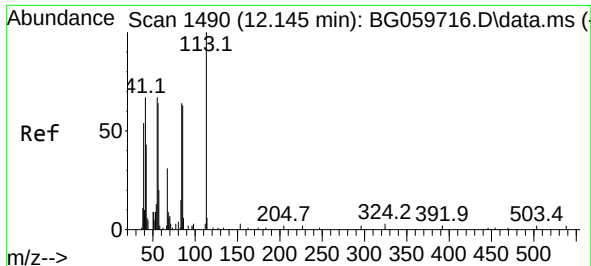
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#34
Hexachlorobutadiene
Concen: 49.544 ng
RT: 11.427 min Scan# 1368
Delta R.T. -0.009 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	51.7	46.6	69.8
227	62.8	48.2	72.2





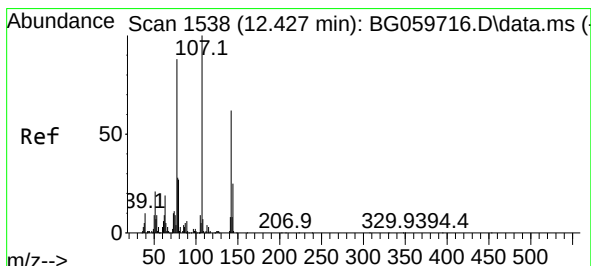
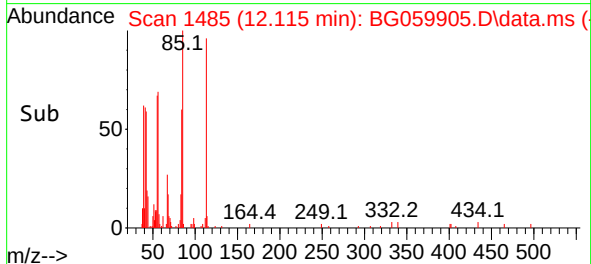
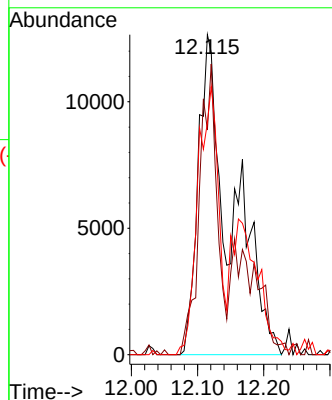
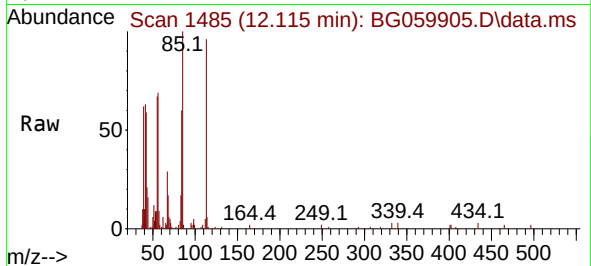
#35
Caprolactam
Concen: 42.960 ng m
RT: 12.115 min Scan# 1490
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:113 Resp: 4336
Ion Ratio Lower Upper
113 100
55 70.2 47.1 87.1
56 72.5 43.7 83.7

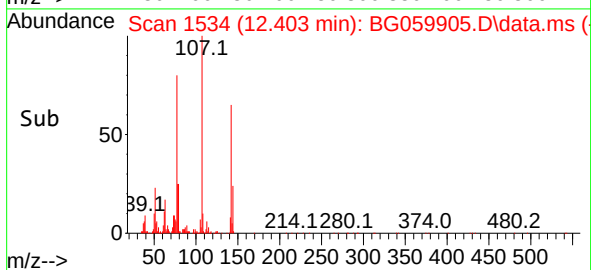
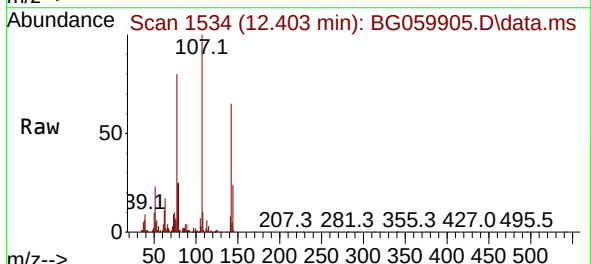
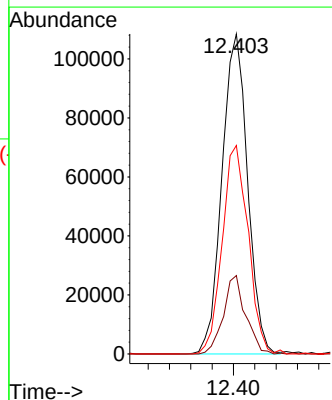
Manual Integrations
APPROVED

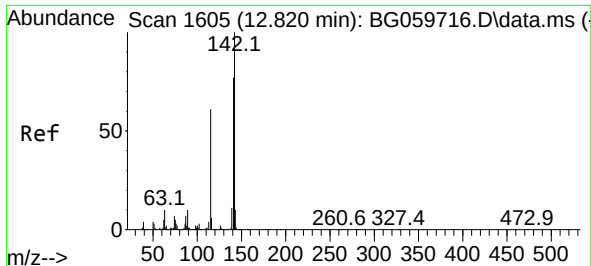
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#36
4-Chloro-3-methylphenol
Concen: 49.187 ng
RT: 12.403 min Scan# 1534
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:107 Resp: 180665
Ion Ratio Lower Upper
107 100
144 24.5 20.2 30.4
142 65.2 49.4 74.0





#37
2-Methylnaphthalene
Concen: 43.280 ng
RT: 12.785 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

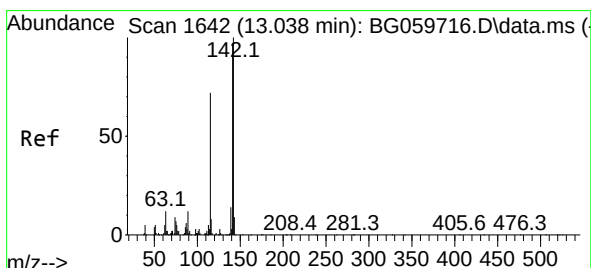
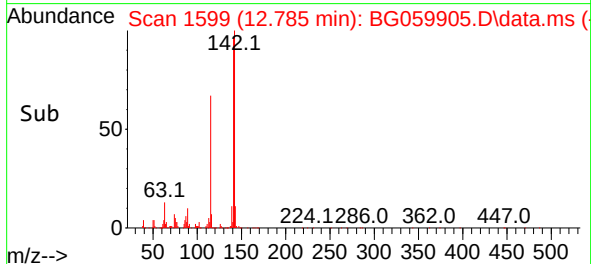
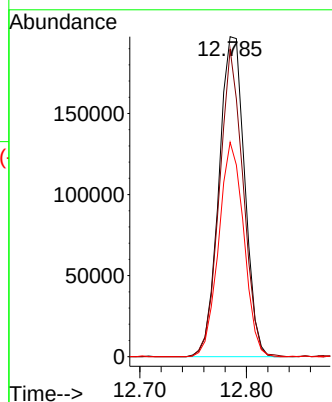
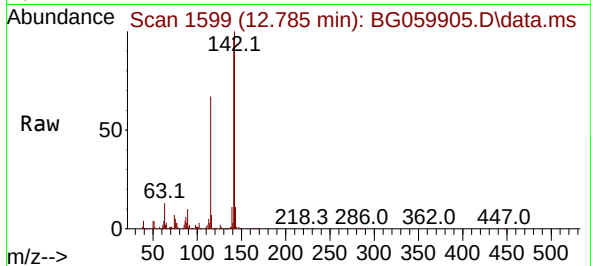
O-5(5-10)MSD

Tgt Ion:142 Resp: 329850
Ion Ratio Lower Upper
142 100
141 96.1 61.9 92.9
115 67.0 49.0 73.4

Manual Integrations

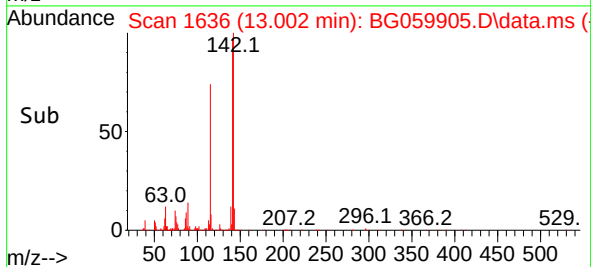
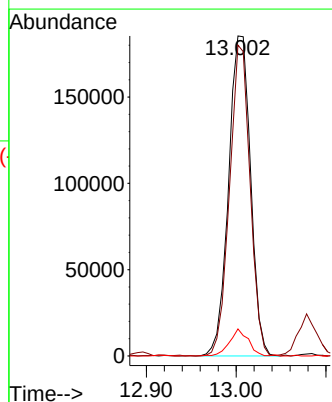
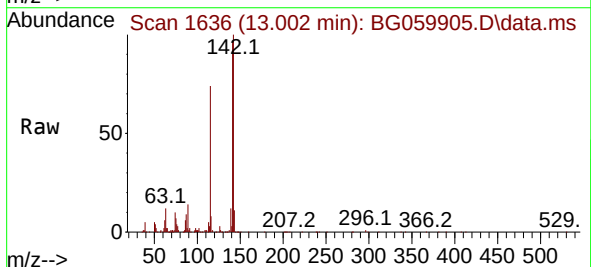
APPROVED

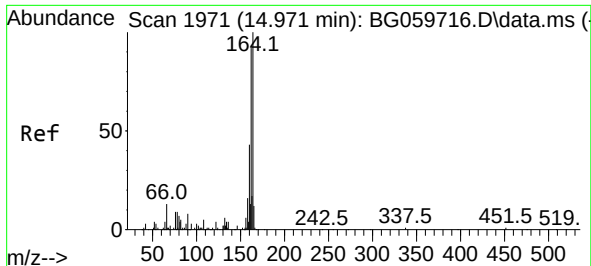
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#38
1-Methylnaphthalene
Concen: 44.895 ng
RT: 13.002 min Scan# 1636
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:142 Resp: 315536
Ion Ratio Lower Upper
142 100
141 97.2 77.8 116.8
116 8.5 6.2 9.2





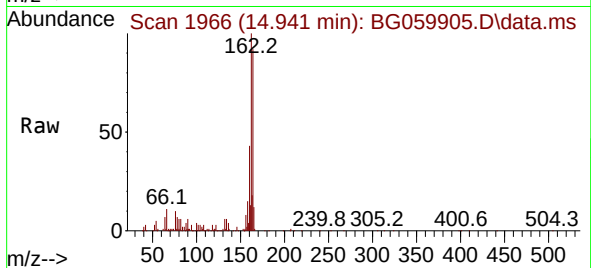
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD



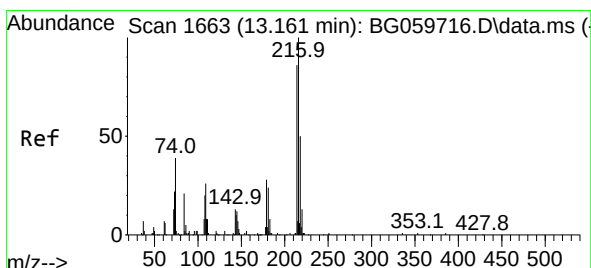
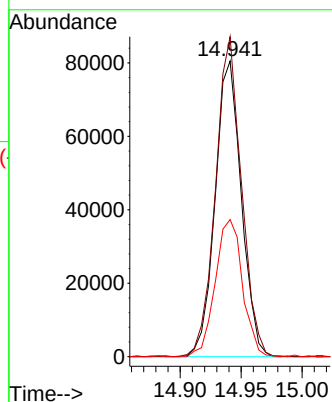
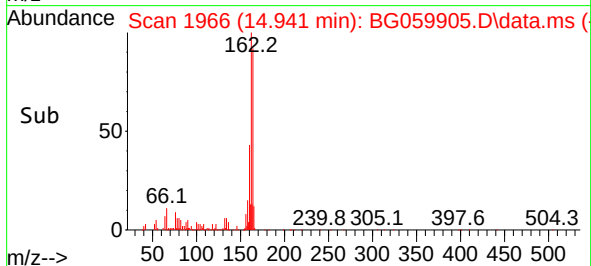
Tgt Ion:164 Resp: 12019
Ion Ratio Lower Upper
164 100
162 108.2 73.3 109.9
160 46.3 34.1 51.1

Manual Integrations

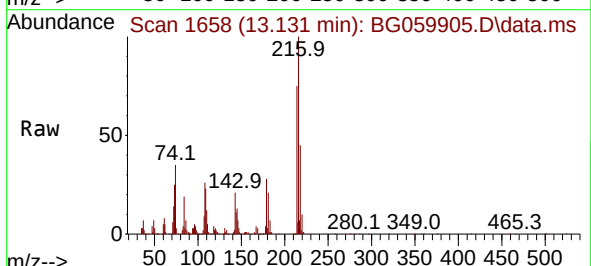
APPROVED

Reviewed By :Yogesh Patel 11/28/2023

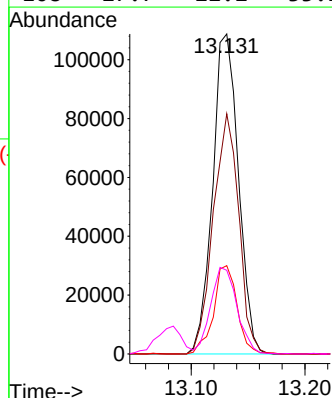
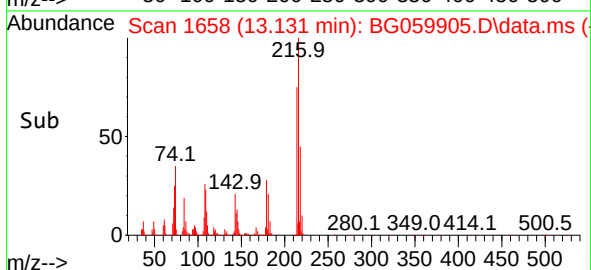
Supervised By :mohammad ahmed 11/28/2023

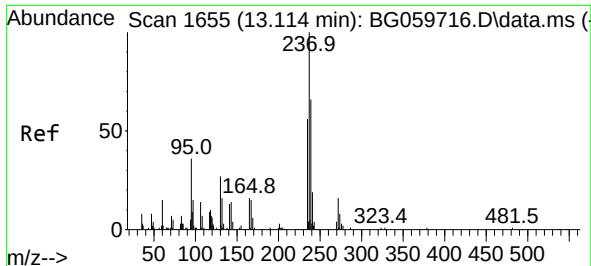


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.804 ng
RT: 13.131 min Scan# 1658
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



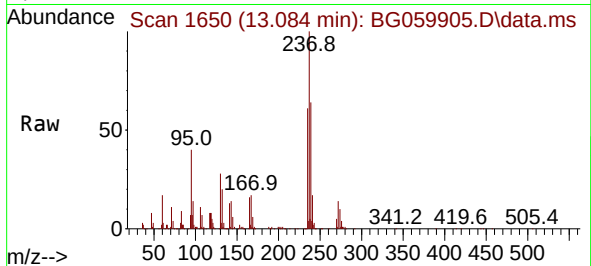
Tgt Ion:216 Resp: 171404
Ion Ratio Lower Upper
216 100
214 74.2 61.0 91.4
179 25.3 20.2 30.2
108 27.7 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 104.646 ng
RT: 13.084 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

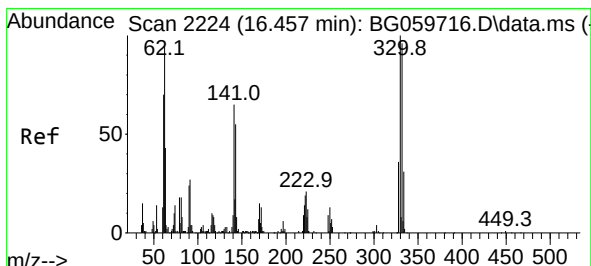
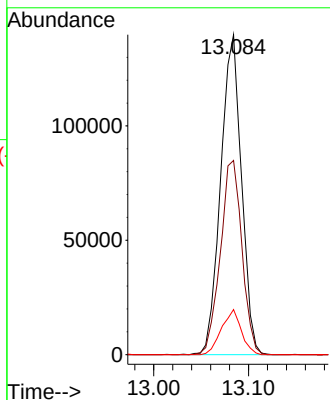
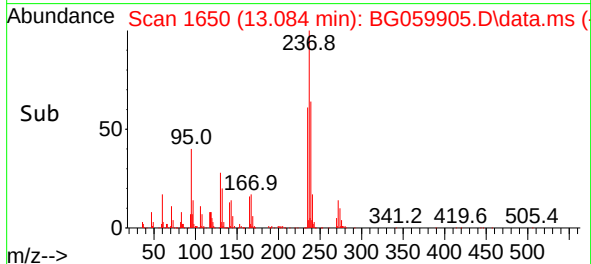
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



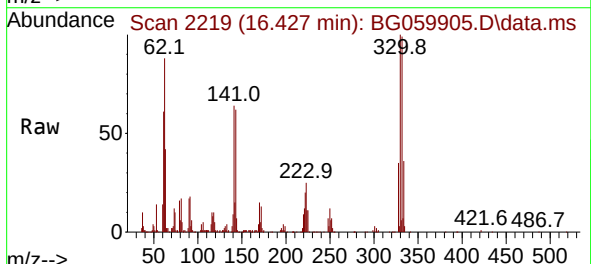
Tgt Ion:237 Resp: 213078
Ion Ratio Lower Upper
237 100
235 60.7 36.0 76.0
272 14.1 0.0 36.5

Manual Integrations
APPROVED

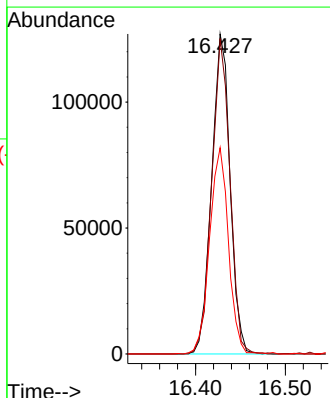
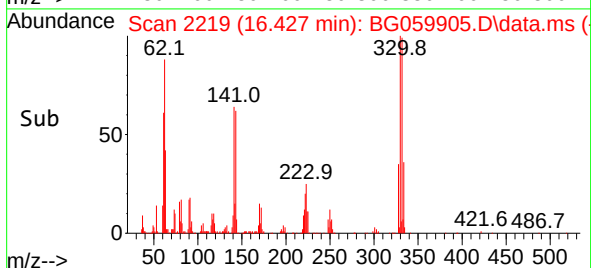
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

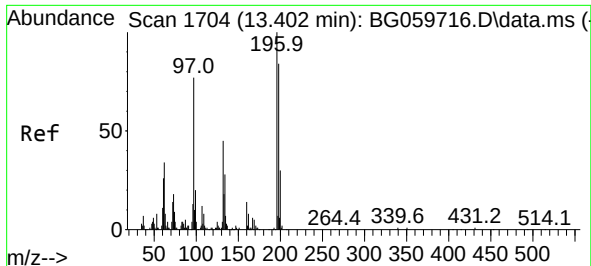


#42
2,4,6-Tribromophenol
Concen: 132.752 ng
RT: 16.427 min Scan# 2219
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



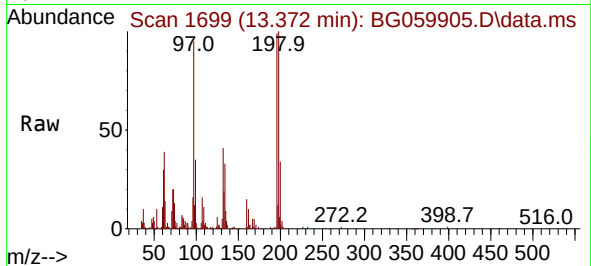
Tgt Ion:330 Resp: 181042
Ion Ratio Lower Upper
330 100
332 97.4 73.3 109.9
141 66.1 52.1 78.1





#43
2,4,6-Trichlorophenol
Concen: 51.794 ng
RT: 13.372 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

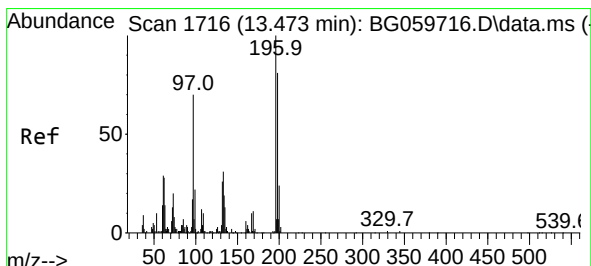
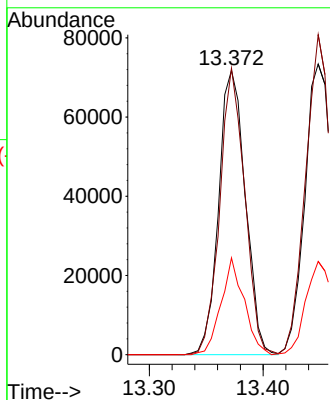
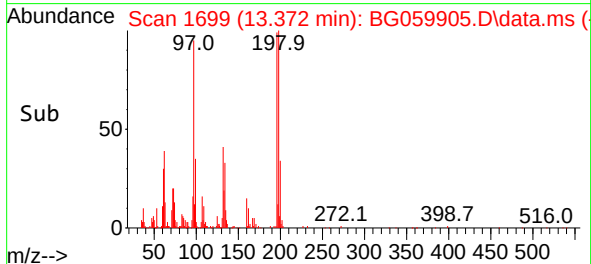
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



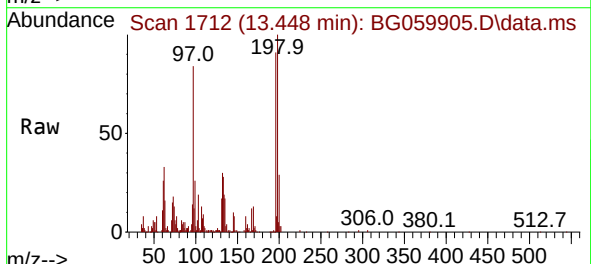
Tgt Ion:196 Resp: 11691
Ion Ratio Lower Upper
196 100
198 100.8 67.6 101.4
200 34.0 24.4 36.6

Manual Integrations
APPROVED

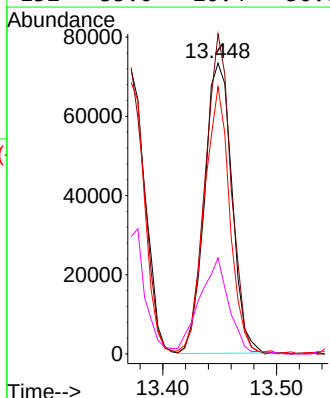
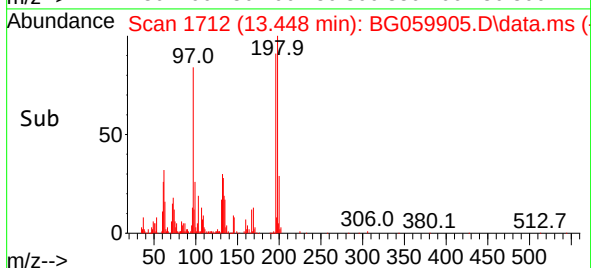
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

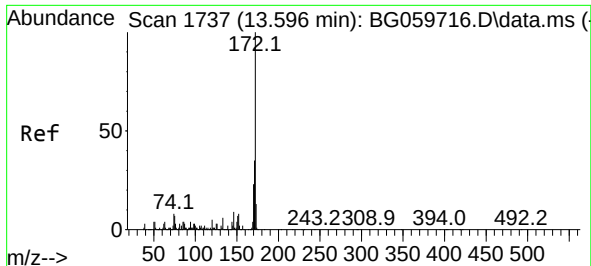


#44
2,4,5-Trichlorophenol
Concen: 46.174 ng
RT: 13.448 min Scan# 1712
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



Tgt Ion:196 Resp: 122466
Ion Ratio Lower Upper
196 100
198 110.1 66.7 100.1#
97 91.9 55.9 83.9#
132 33.0 20.4 30.6#





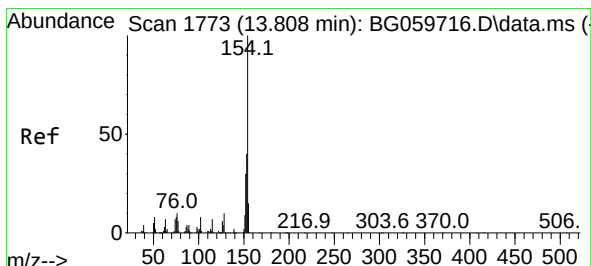
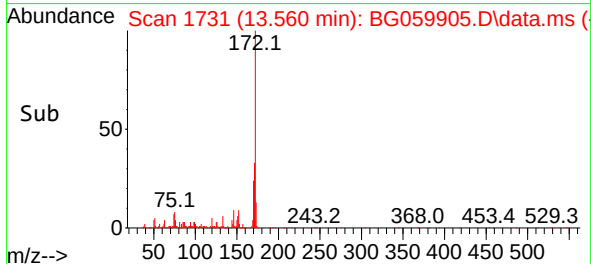
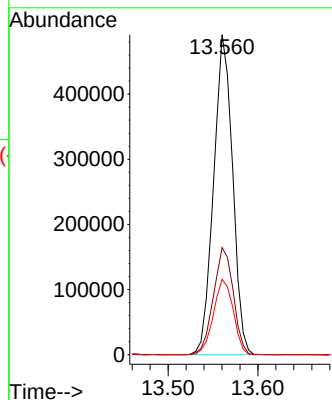
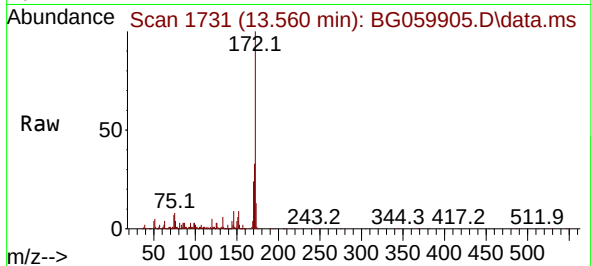
#45
2-Fluorobiphenyl
Concen: 80.688 ng
RT: 13.560 min Scan# 1737
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:172 Resp: 720502
Ion Ratio Lower Upper
172 100
171 33.5 27.7 41.5
170 23.5 18.4 27.6

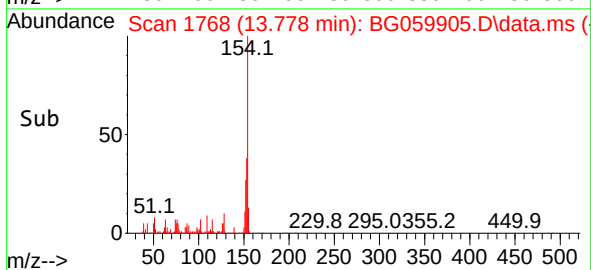
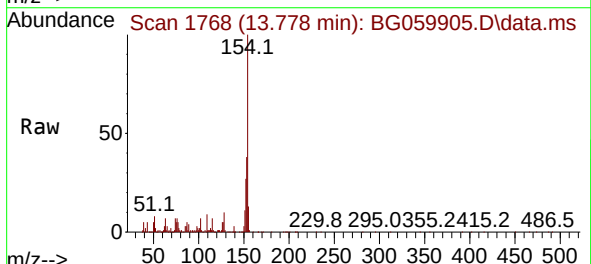
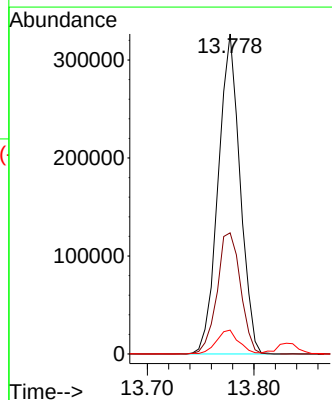
Manual Integrations
APPROVED

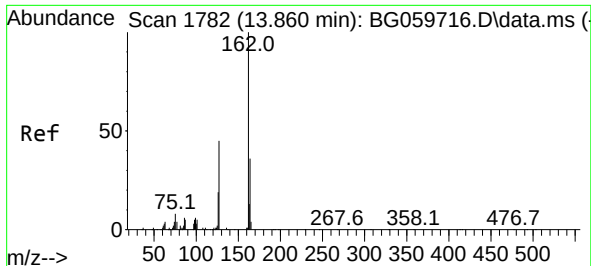
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#46
1,1'-Biphenyl
Concen: 49.137 ng
RT: 13.778 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

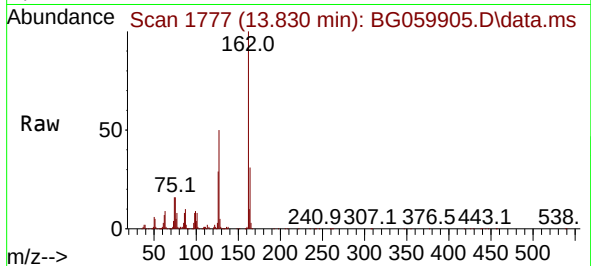
Tgt Ion:154 Resp: 463571
Ion Ratio Lower Upper
154 100
153 37.9 19.7 59.7
76 7.4 0.0 30.4





#47
2-Chloronaphthalene
Concen: 51.532 ng
RT: 13.830 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

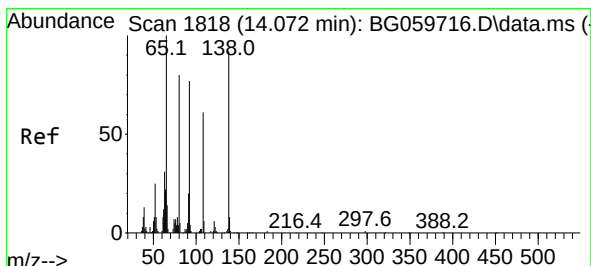
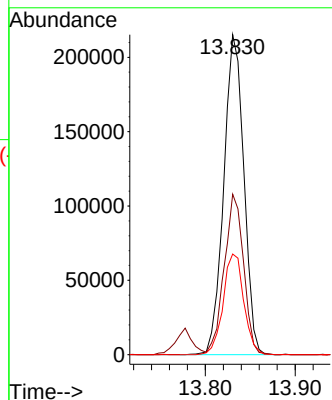
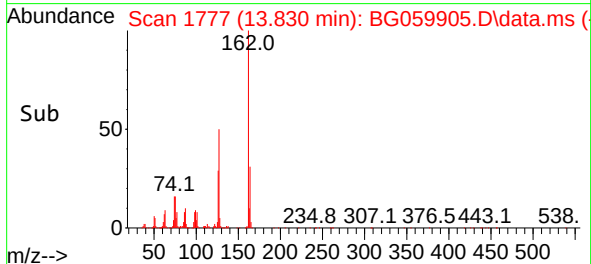
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



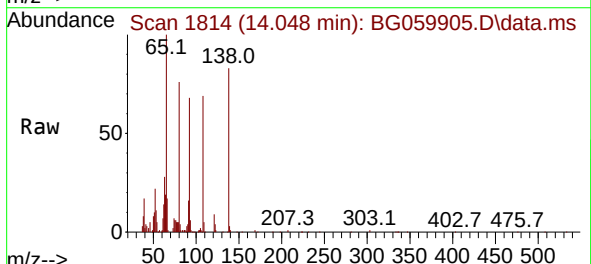
Tgt Ion:162 Resp: 334060
Ion Ratio Lower Upper
162 100
127 50.2 41.0 61.6
164 31.4 28.9 43.3

Manual Integrations
APPROVED

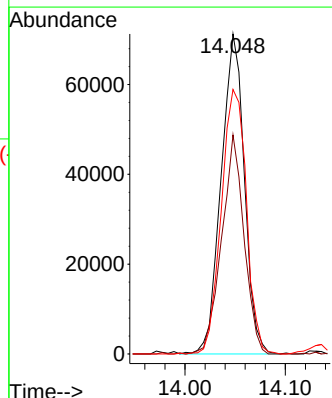
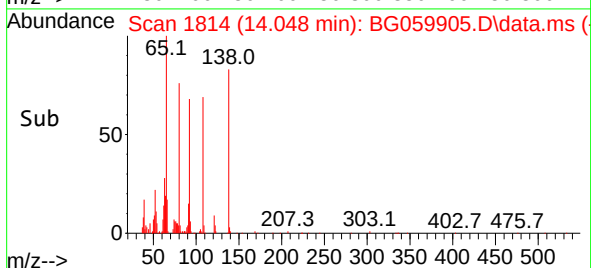
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

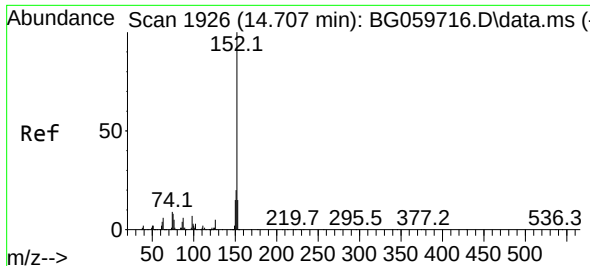


#48
2-Nitroaniline
Concen: 49.365 ng
RT: 14.048 min Scan# 1814
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



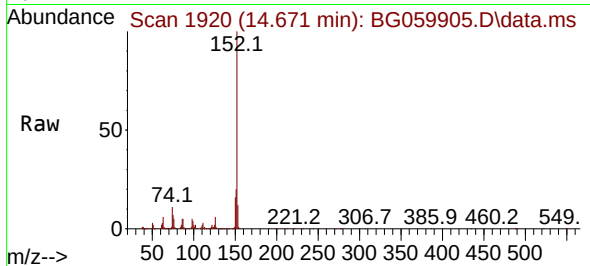
Tgt Ion: 65 Resp: 114254
Ion Ratio Lower Upper
65 100
92 68.5 61.2 91.8
138 82.6 73.8 110.6





#49
Acenaphthylene
Concen: 49.762 ng
RT: 14.671 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

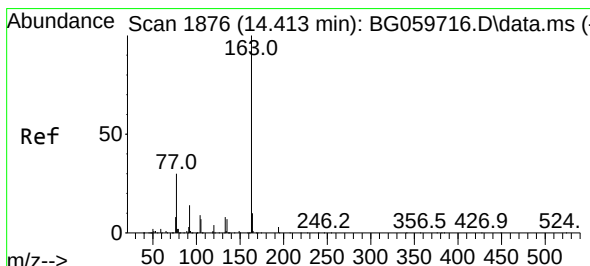
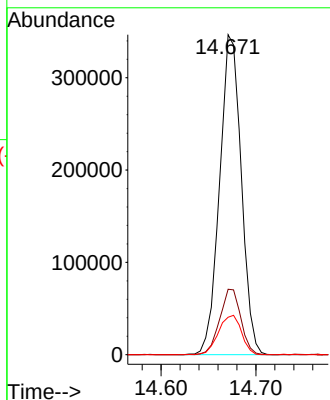
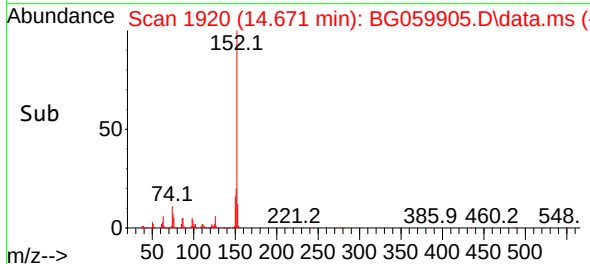
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



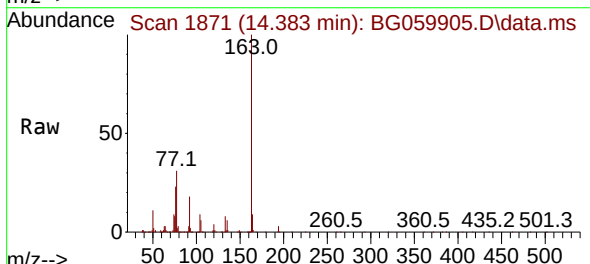
Tgt Ion:152 Resp: 550039
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 11.7 12.2 18.4

Manual Integrations
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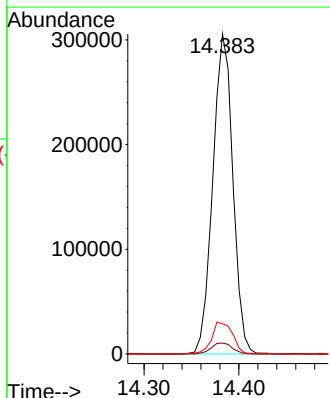
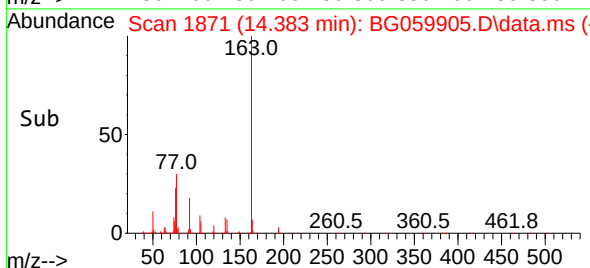
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

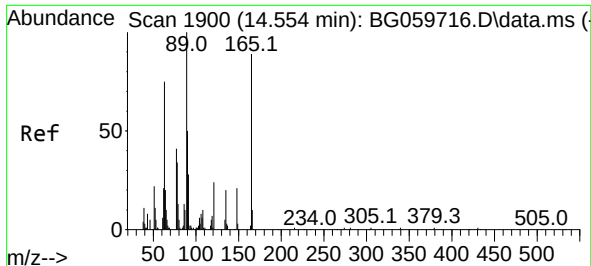


#50
Dimethylphthalate
Concen: 48.226 ng
RT: 14.383 min Scan# 1871
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



Tgt Ion:163 Resp: 449202
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.5 8.2 12.2





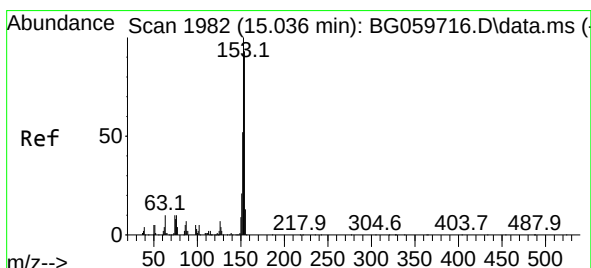
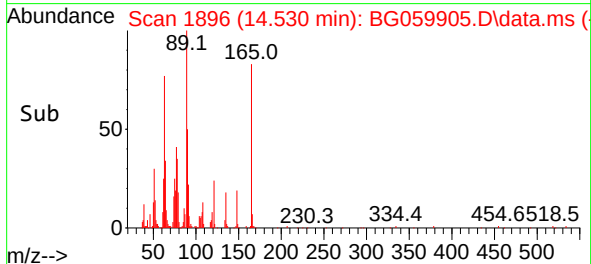
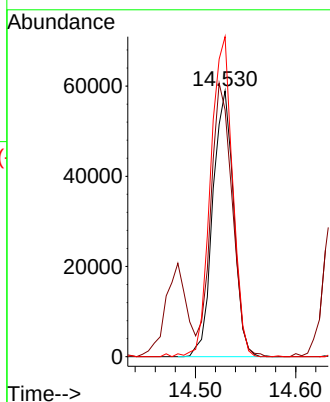
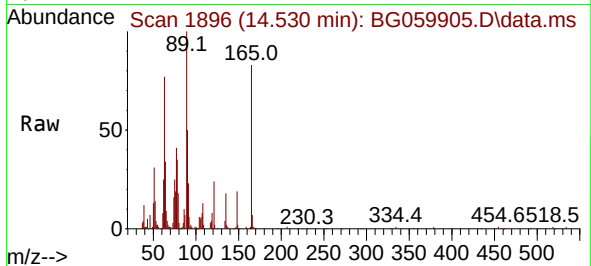
#51
2,6-Dinitrotoluene
Concen: 48.064 ng
RT: 14.530 min Scan# 1896
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:165 Resp: 84930
Ion Ratio Lower Upper
165 100
63 92.9 75.3 112.9
89 120.4 90.9 136.3

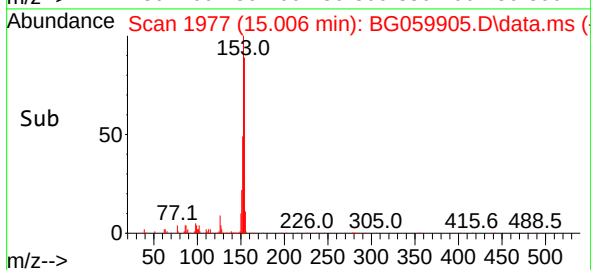
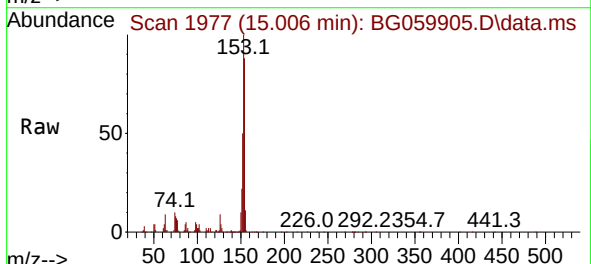
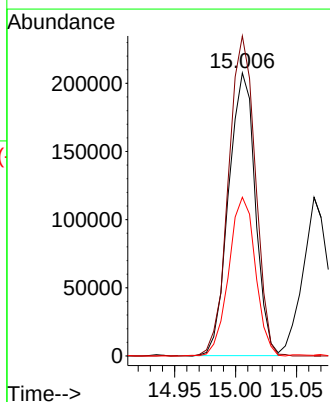
Manual Integrations
APPROVED

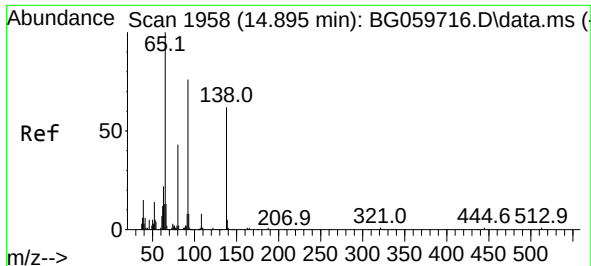
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#52
Acenaphthene
Concen: 47.326 ng
RT: 15.006 min Scan# 1977
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

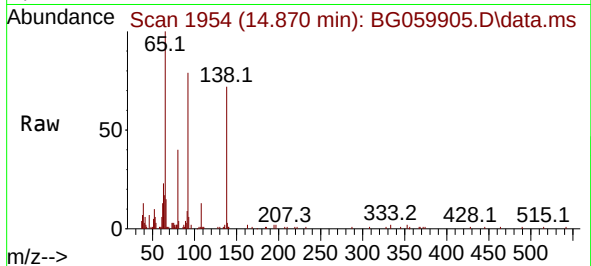
Tgt Ion:154 Resp: 314599
Ion Ratio Lower Upper
154 100
153 113.0 85.8 128.8
152 56.1 44.4 66.6





#53
3-Nitroaniline
Concen: 18.160 ng
RT: 14.870 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

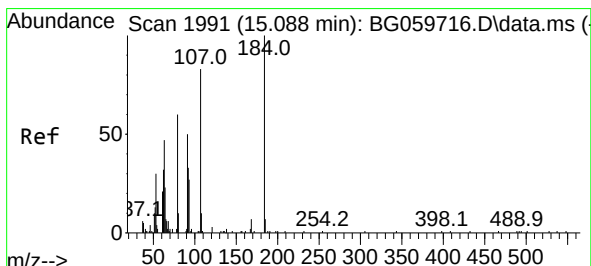
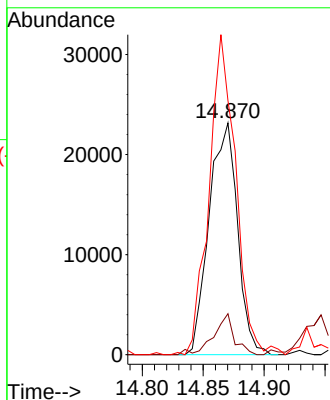
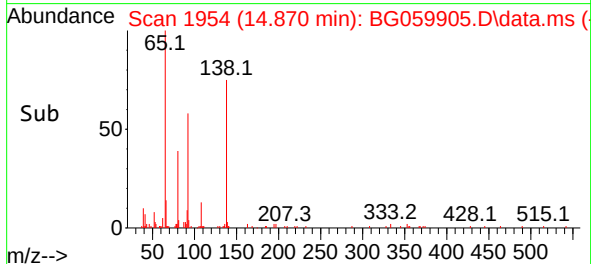
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



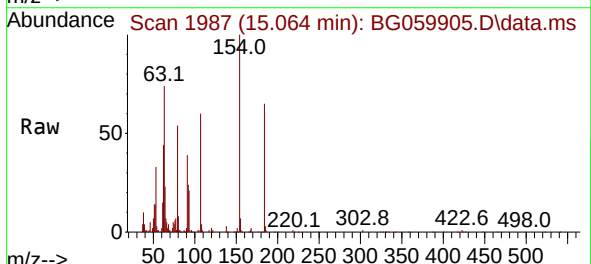
Tgt Ion:138 Resp: 37560
Ion Ratio Lower Upper
138 100
108 17.7 9.9 14.9#
92 109.7 98.3 147.5

Manual Integrations
APPROVED

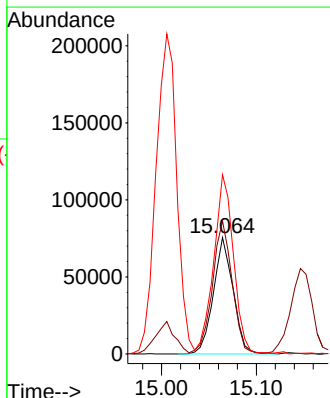
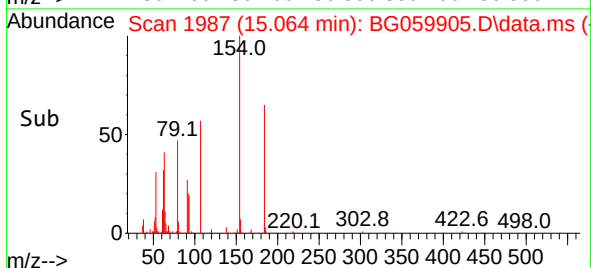
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

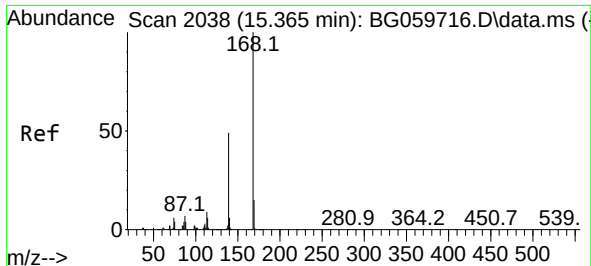


#54
2,4-Dinitrophenol
Concen: 83.059 ng
RT: 15.064 min Scan# 1987
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



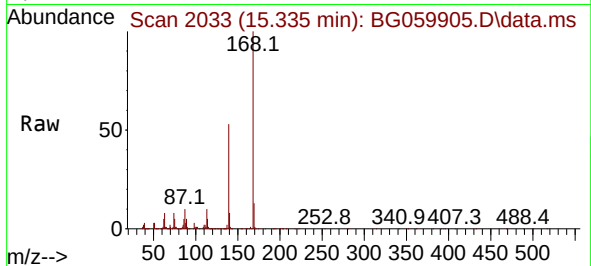
Tgt Ion:184 Resp: 109062
Ion Ratio Lower Upper
184 100
63 114.2 58.3 87.5#
154 154.0 94.1 141.1#





#55
Dibenzenofuran
Concen: 47.697 ng
RT: 15.335 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

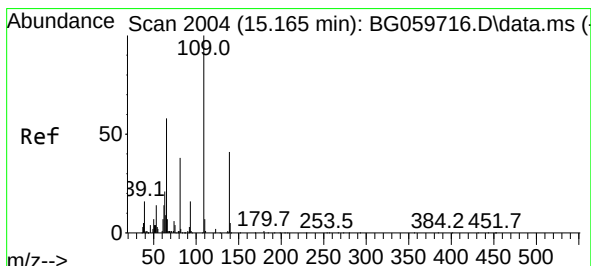
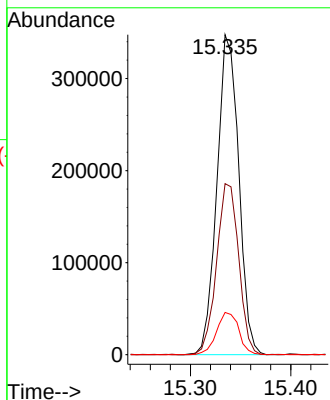
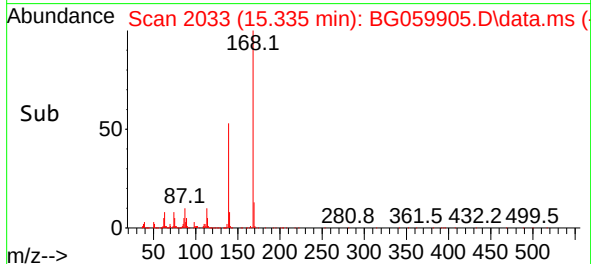
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



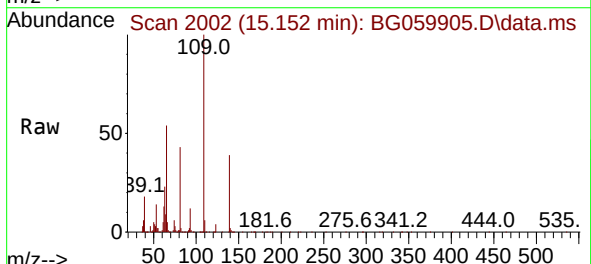
Tgt Ion:168 Resp: 522760
Ion Ratio Lower Upper
168 100
139 53.4 38.9 58.3
169 13.2 11.8 17.8

Manual Integrations
APPROVED

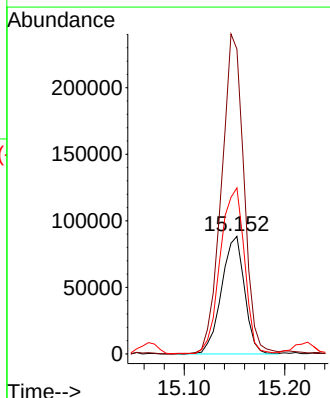
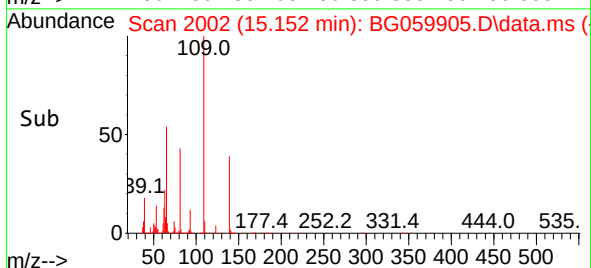
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

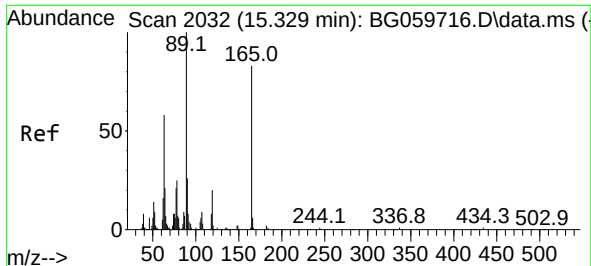


#56
4-Nitrophenol
Concen: 88.874 ng
RT: 15.152 min Scan# 2002
Delta R.T. 0.008 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



Tgt Ion:139 Resp: 140635
Ion Ratio Lower Upper
139 100
109 259.2 223.4 263.4
65 141.2 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 46.486 ng

RT: 15.305 min Scan# 2032

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:165 Resp: 12632

Ion Ratio Lower Upper

165 100

63 71.7 55.8 83.8

89 128.1 96.9 145.3

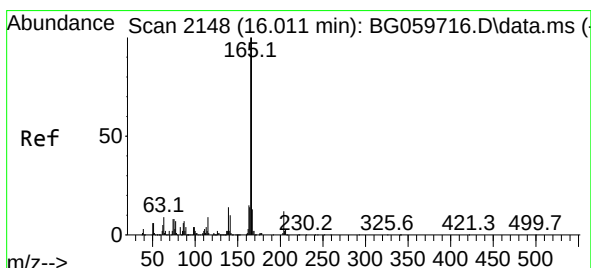
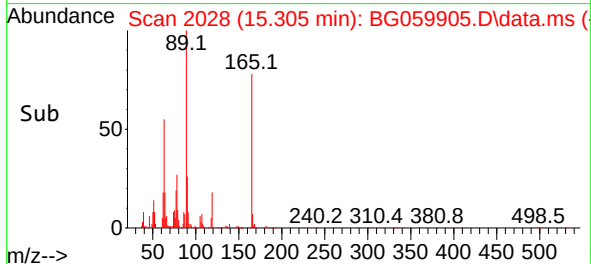
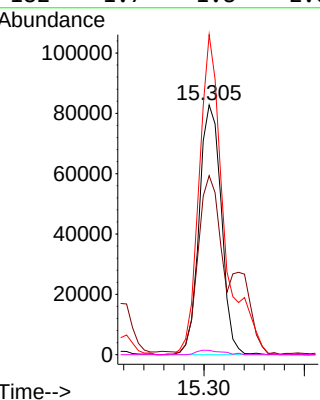
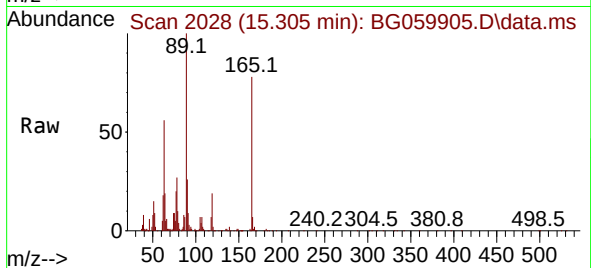
182 1.7 1.8 2.6#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#58

Fluorene

Concen: 47.721 ng

RT: 15.987 min Scan# 2144

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

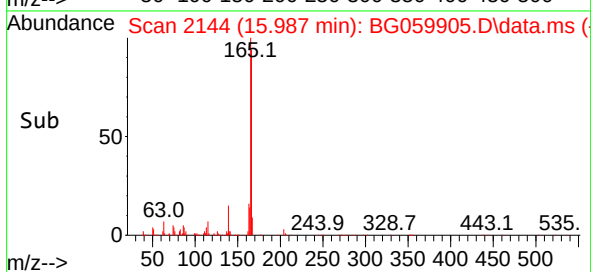
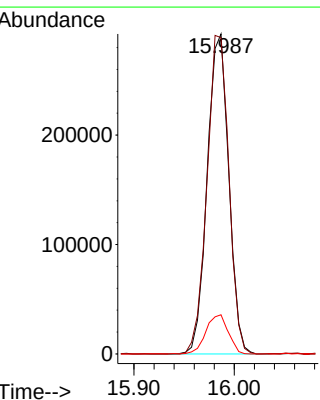
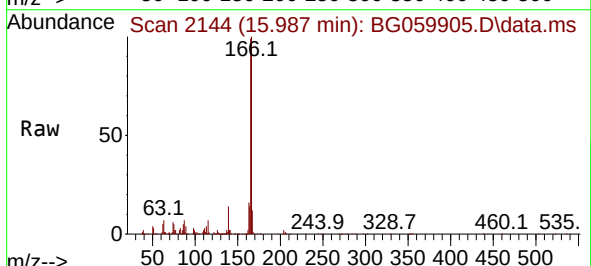
Tgt Ion:166 Resp: 434528

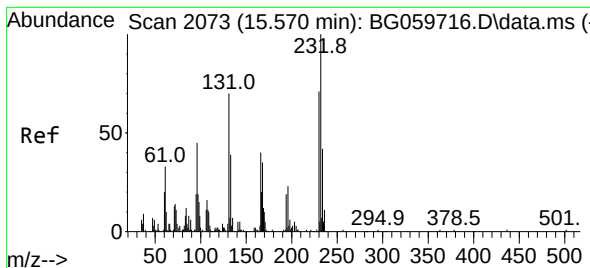
Ion Ratio Lower Upper

166 100

165 98.9 79.9 119.9

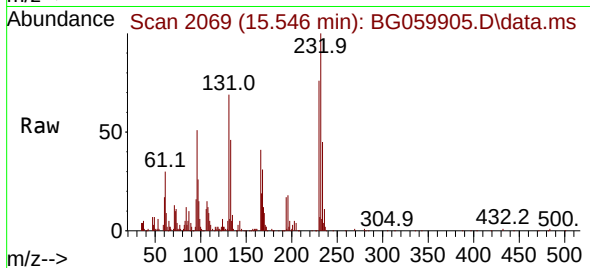
167 12.3 10.1 15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.691 ng
RT: 15.546 min Scan# 2073
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

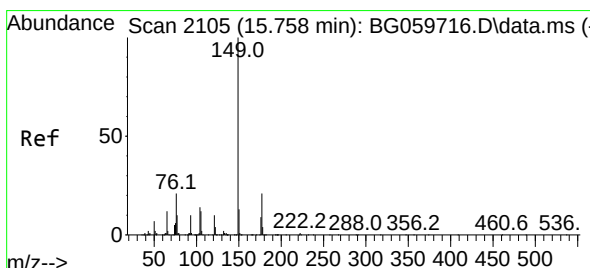
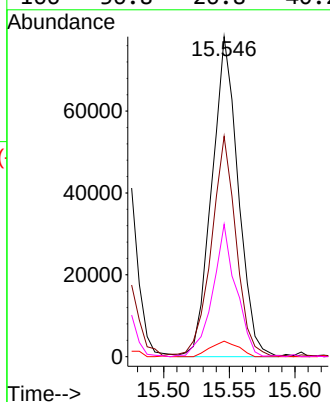
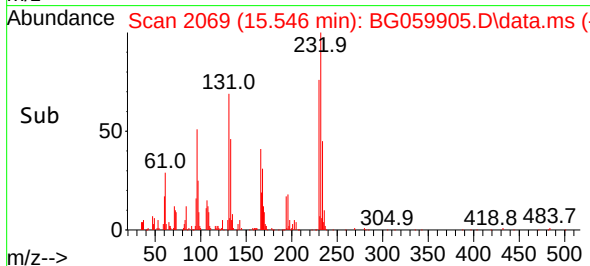
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



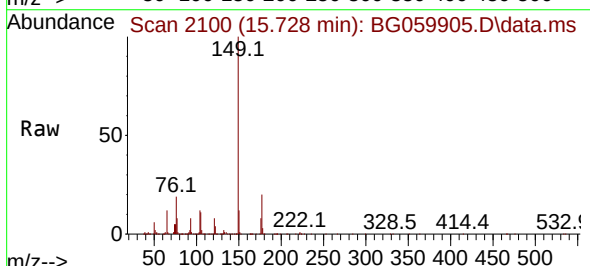
Tgt Ion:232 Resp: 108859
Ion Ratio Lower Upper
232 100
131 65.2 50.2 75.2
130 5.1 4.3 6.5
166 36.8 26.8 40.2

Manual Integrations
APPROVED

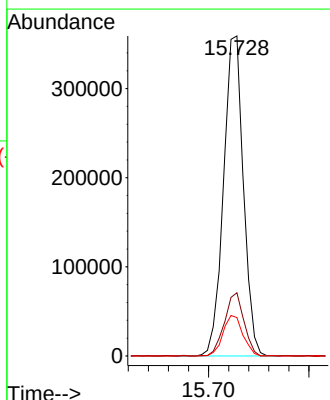
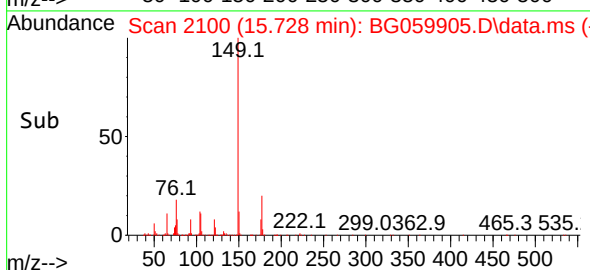
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

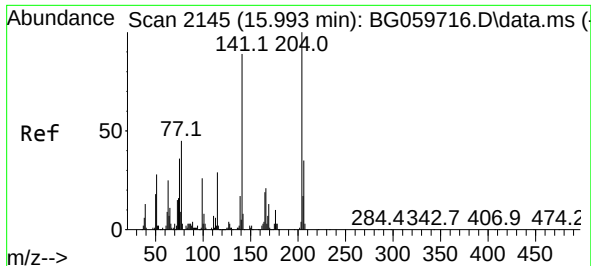


#60
Diethylphthalate
Concen: 49.340 ng
RT: 15.728 min Scan# 2100
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55



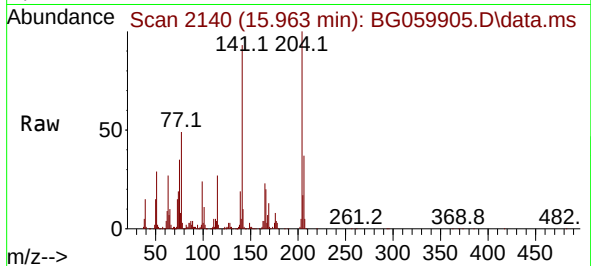
Tgt Ion:149 Resp: 492889
Ion Ratio Lower Upper
149 100
177 19.8 16.6 24.8
150 12.0 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 46.637 ng
RT: 15.963 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

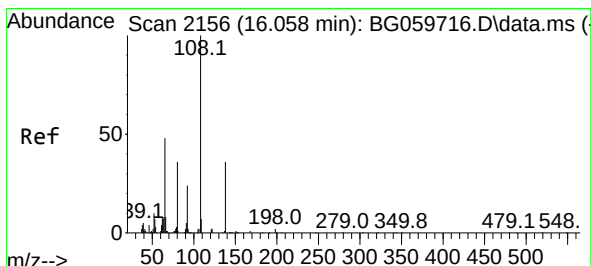
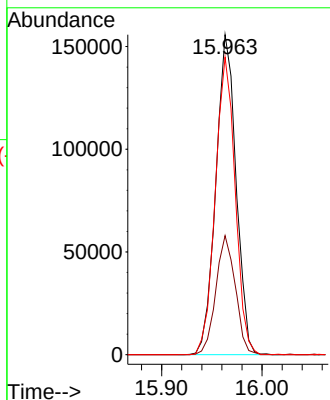
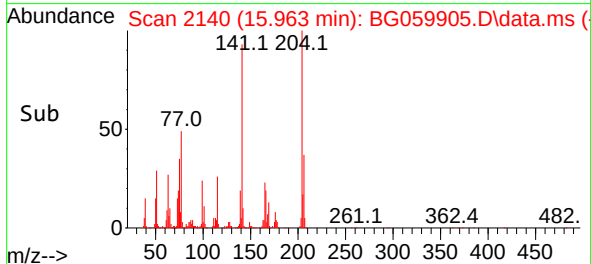
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:204 Resp: 218579
Ion Ratio Lower Upper
204 100
206 37.2 28.1 42.1
141 92.9 70.9 106.3

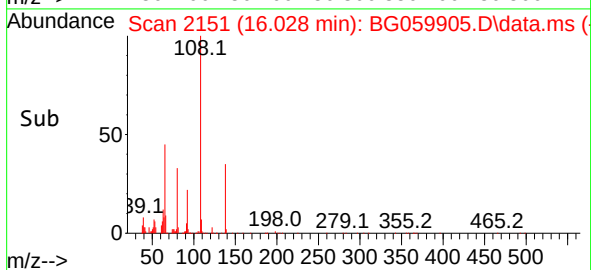
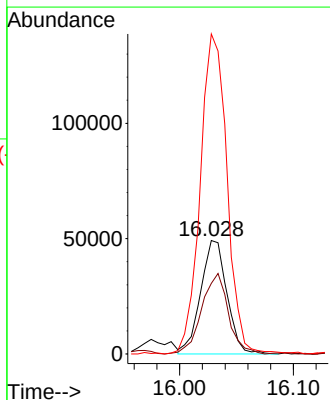
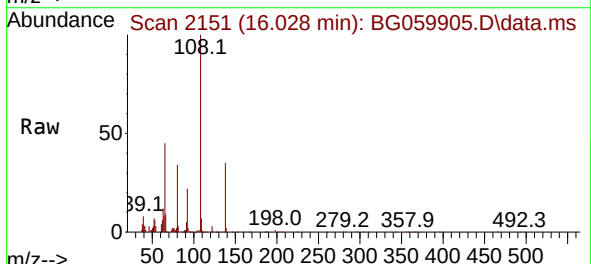
Manual Integrations
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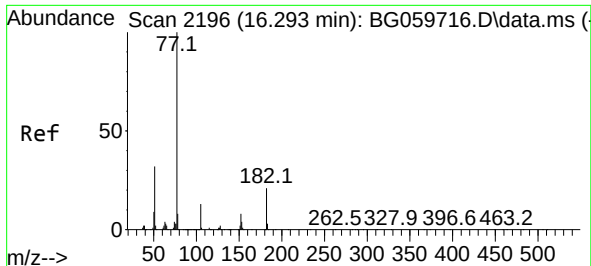
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#62
4-Nitroaniline
Concen: 38.113 ng
RT: 16.028 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:138 Resp: 79004
Ion Ratio Lower Upper
138 100
92 62.2 45.8 85.8
108 282.0 256.3 296.3





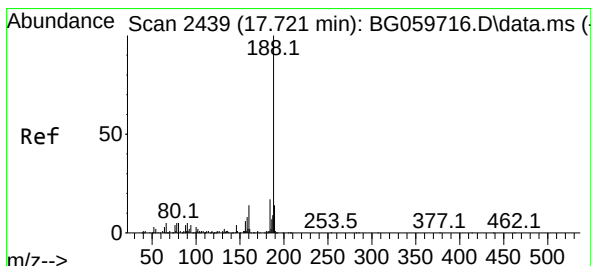
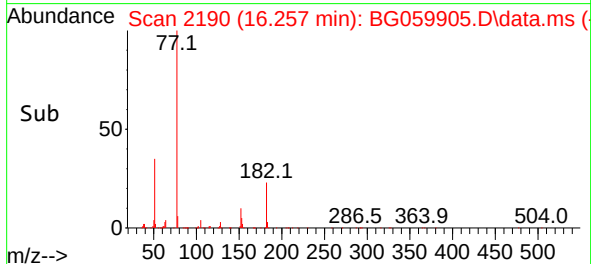
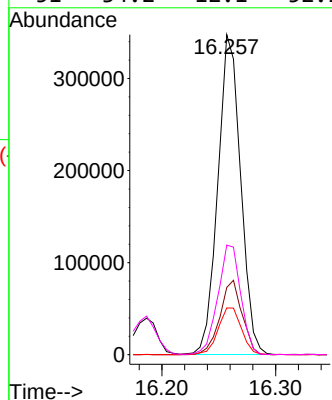
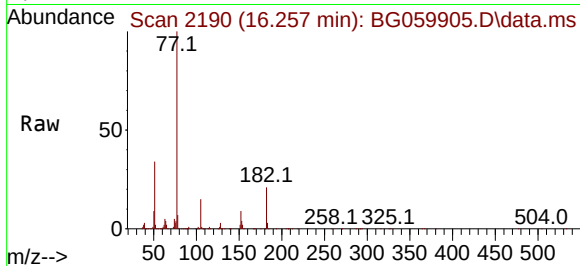
#63
Azobenzene
Concen: 43.563 ng
RT: 16.257 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion: 77 Resp: 48360
Ion Ratio Lower Upper
77 100
182 21.0 1.1 41.1
105 14.6 0.0 33.0
51 34.2 12.1 52.1

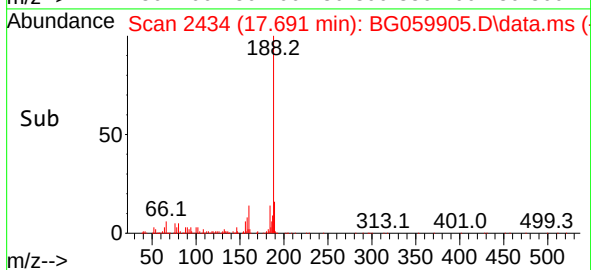
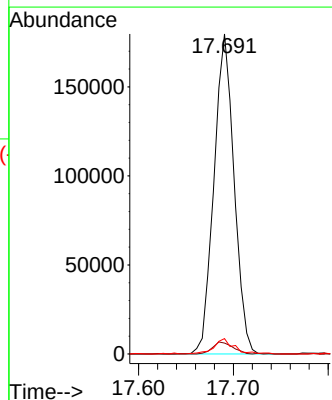
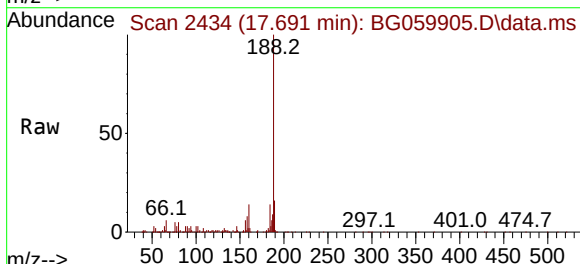
Manual Integrations
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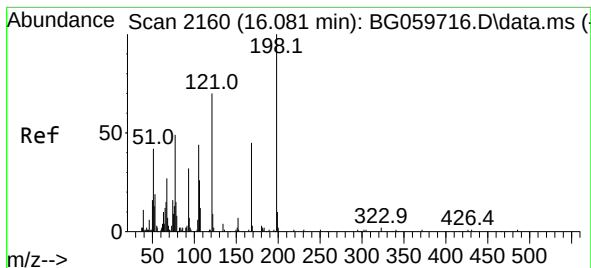
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.691 min Scan# 2434
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:188 Resp: 265831
Ion Ratio Lower Upper
188 100
94 3.4 3.0 4.4
80 4.8 4.2 6.4





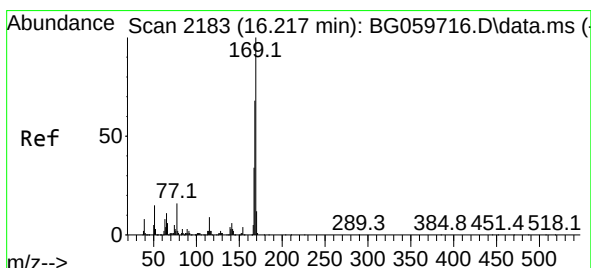
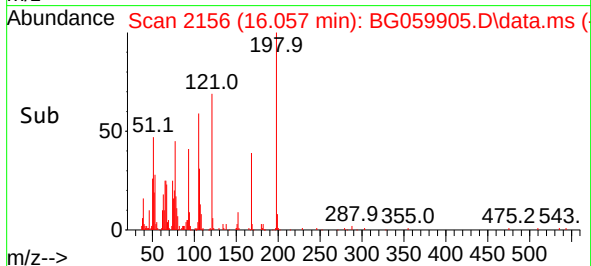
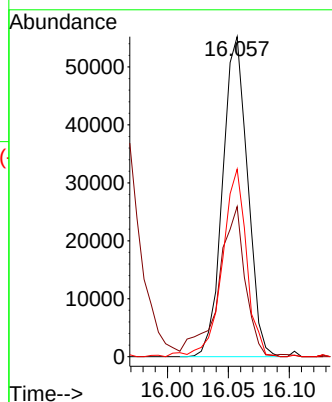
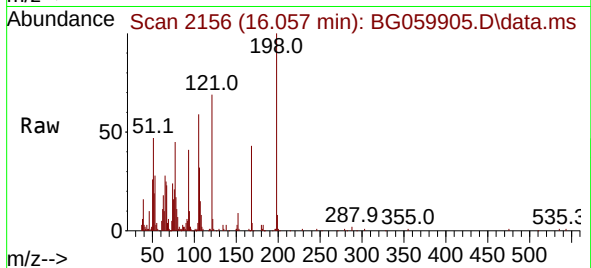
#65
4,6-Dinitro-2-methylphenol
Concen: 48.279 ng
RT: 16.057 min Scan# 2160
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:198 Resp: 78432
Ion Ratio Lower Upper
198 100
51 46.9 23.0 63.0
105 58.6 24.0 64.0

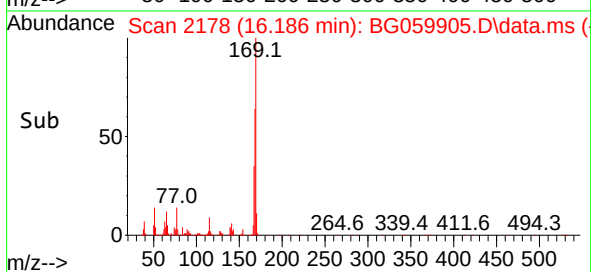
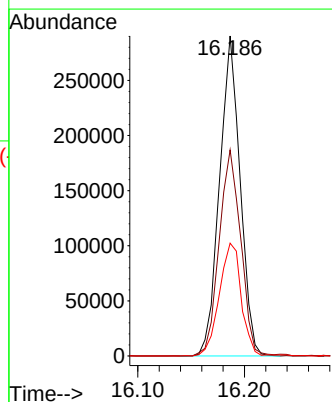
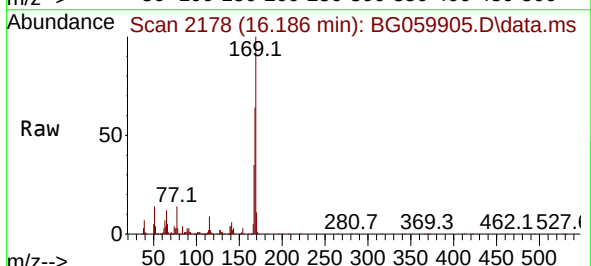
Manual Integrations
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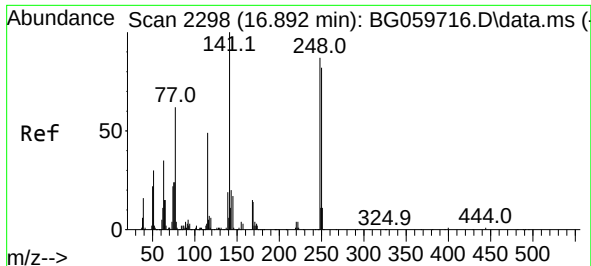
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 50.024 ng
RT: 16.186 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

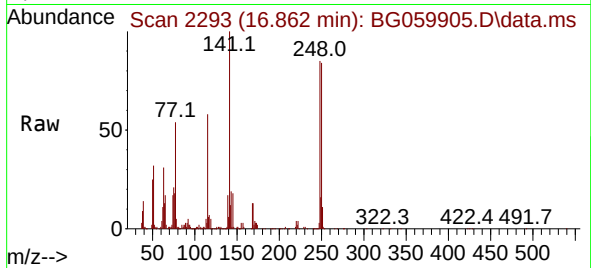
Tgt Ion:169 Resp: 388461
Ion Ratio Lower Upper
169 100
168 64.4 54.5 81.7
167 35.3 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 50.084 ng
RT: 16.862 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

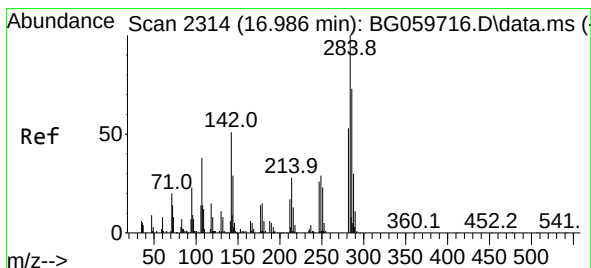
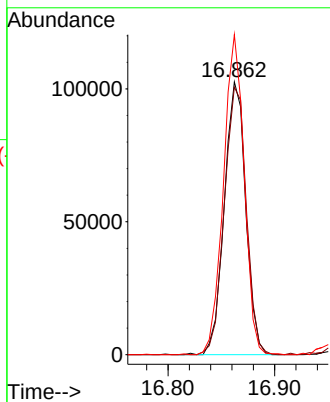
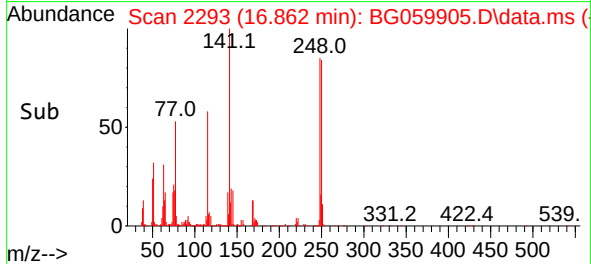
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:248 Resp: 143030
Ion Ratio Lower Upper
248 100
250 98.1 75.2 112.8
141 117.3 91.5 137.3

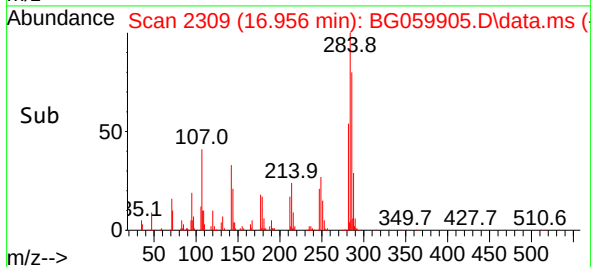
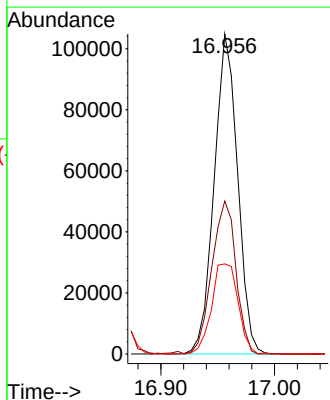
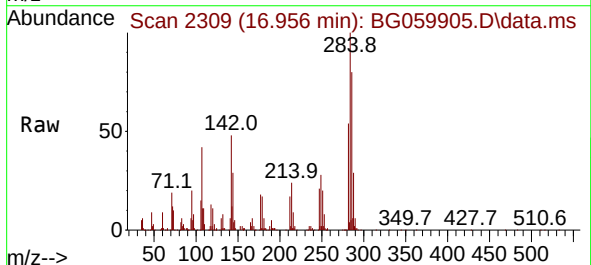
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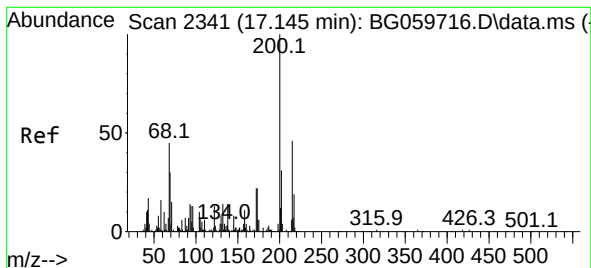
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#68
Hexachlorobenzene
Concen: 56.306 ng
RT: 16.956 min Scan# 2309
Delta R.T. -0.009 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:284 Resp: 150081
Ion Ratio Lower Upper
284 100
142 47.8 41.0 61.6
249 30.0 24.2 36.4





#69

Atrazine

Concen: 62.129 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:200 Resp: 15468

Ion Ratio Lower Upper

200 100

173 25.2 2.3 42.3

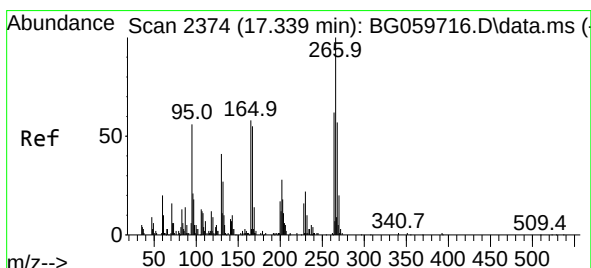
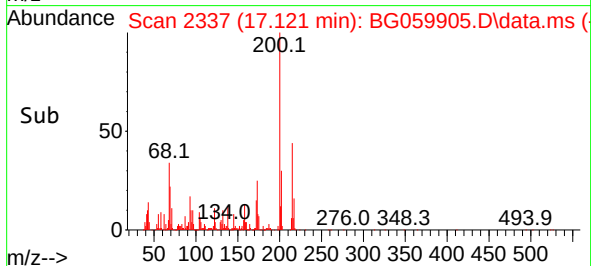
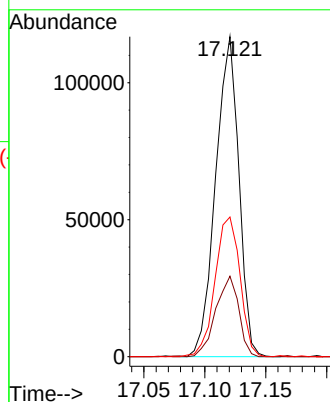
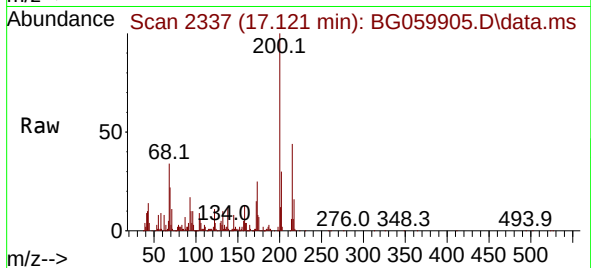
215 43.7 25.6 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#70

Pentachlorophenol

Concen: 94.784 ng

RT: 17.315 min Scan# 2370

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

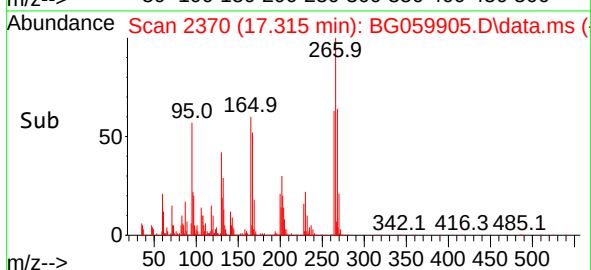
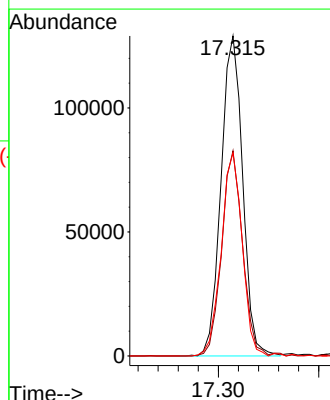
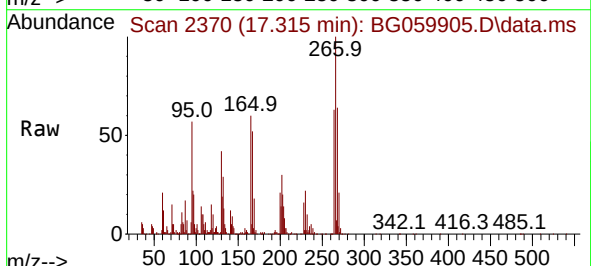
Tgt Ion:266 Resp: 192745

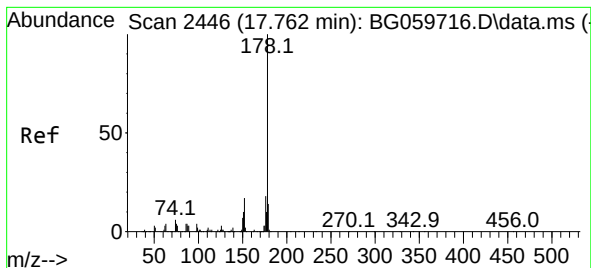
Ion Ratio Lower Upper

266 100

268 67.9 45.7 68.5

264 63.5 49.8 74.8





#71

Phenanthrene

Concen: 48.517 ng

RT: 17.738 min Scan# 2446

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:178 Resp: 655730

Ion Ratio Lower Upper

178 100

176 20.3 14.5 21.7

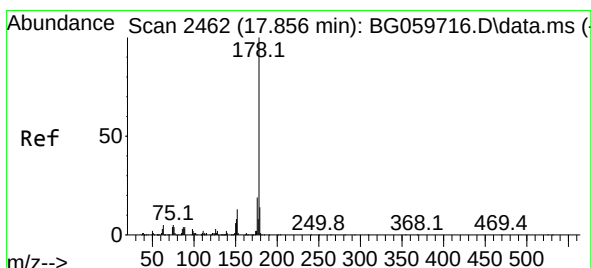
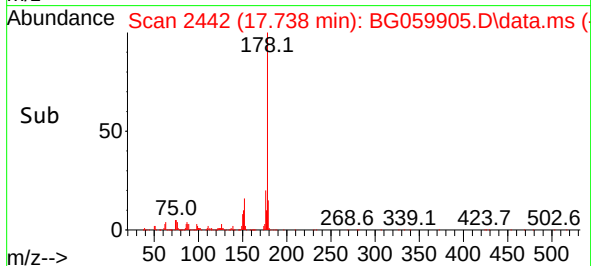
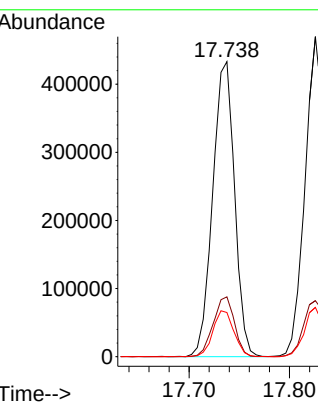
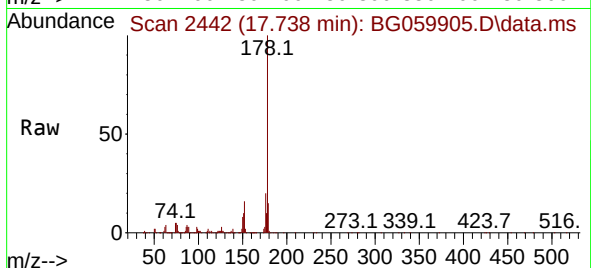
179 15.0 11.2 16.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#72

Anthracene

Concen: 48.083 ng

RT: 17.826 min Scan# 2457

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

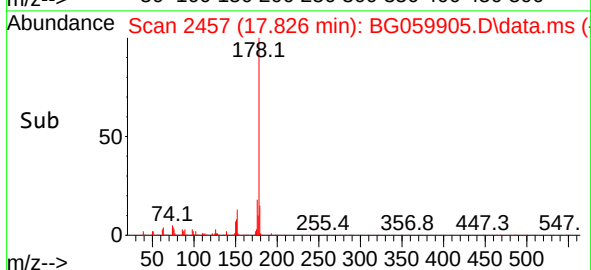
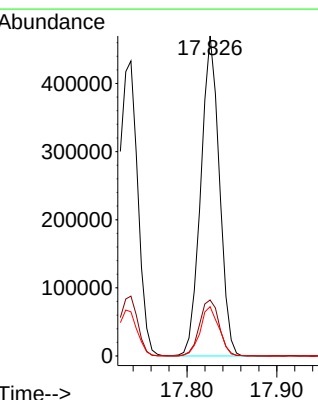
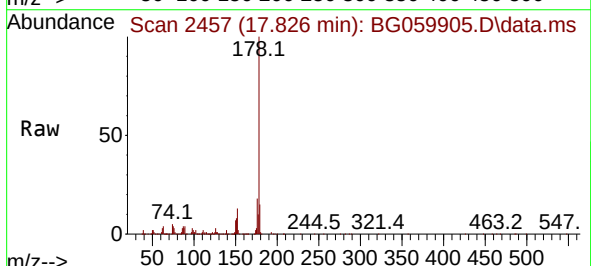
Tgt Ion:178 Resp: 675218

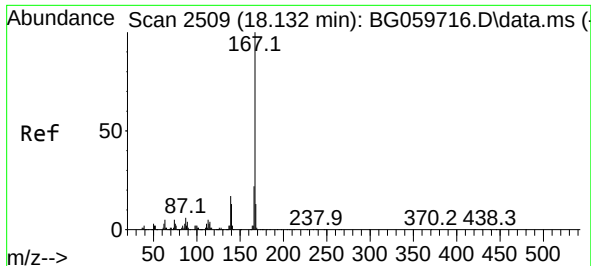
Ion Ratio Lower Upper

178 100

176 17.5 15.0 22.4

179 15.4 11.5 17.3





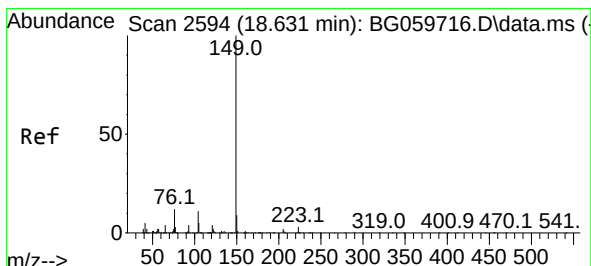
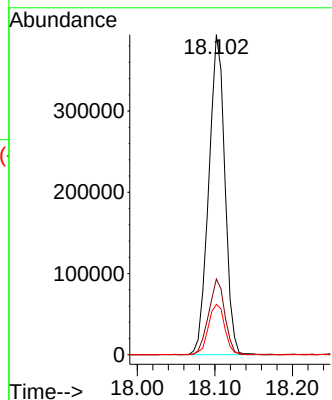
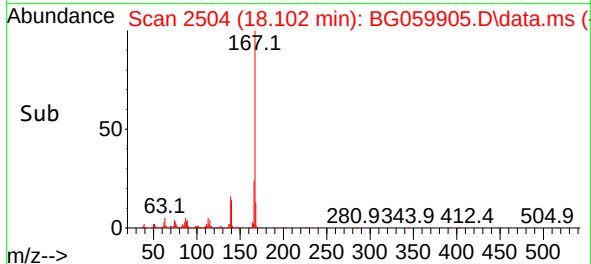
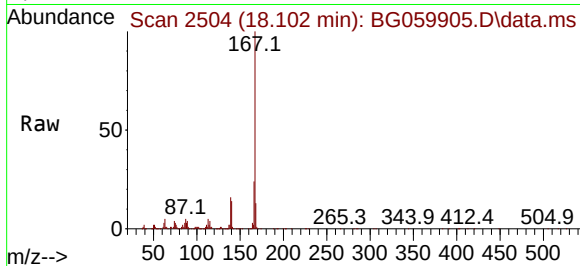
#73
 Carbazole
 Concen: 46.260 ng
 RT: 18.102 min Scan# 2504
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)MSD

Tgt Ion:167 Resp: 567520
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.4 26.0
 139 15.7 13.2 19.8

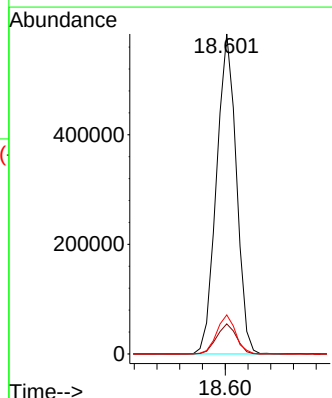
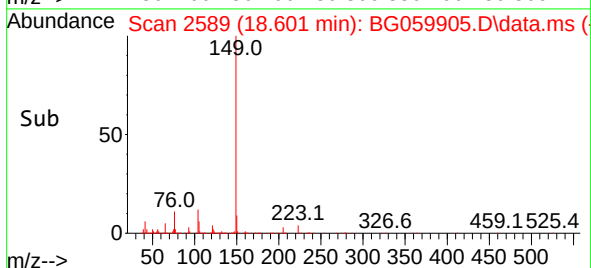
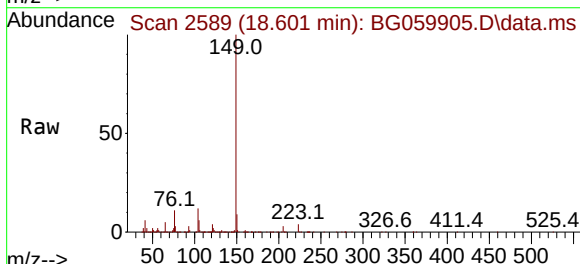
Manual Integrations
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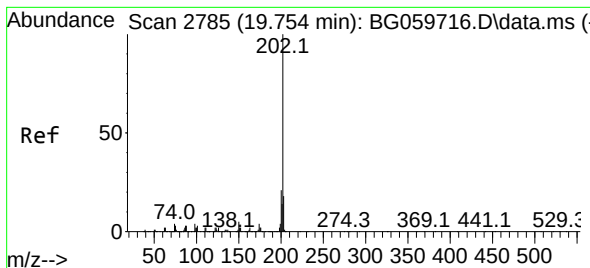
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



#74
 Di-n-butylphthalate
 Concen: 47.728 ng
 RT: 18.601 min Scan# 2589
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

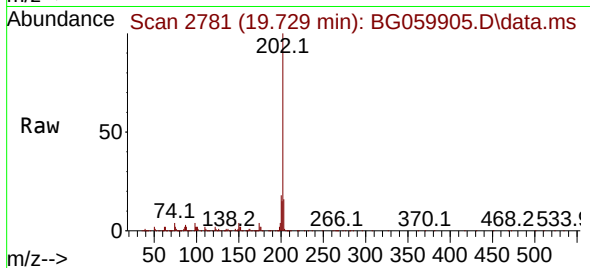
Tgt Ion:149 Resp: 707754
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 12.2 8.6 12.8





#75
Fluoranthene
Concen: 44.604 ng
RT: 19.729 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

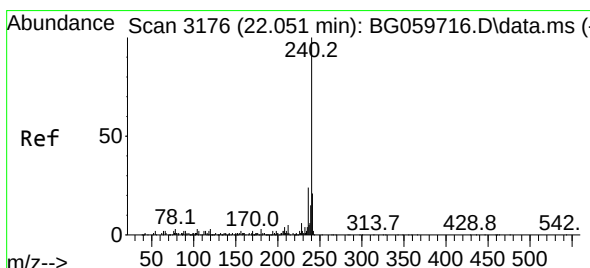
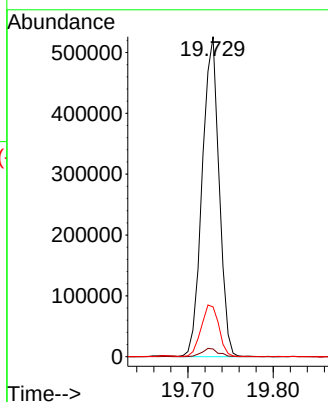
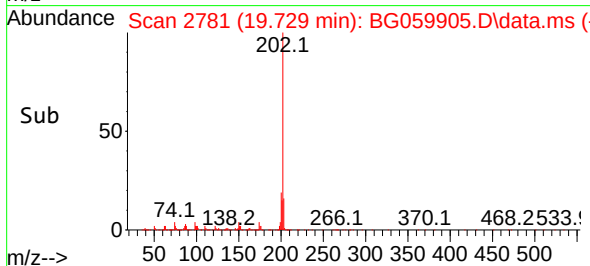
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD



Tgt Ion:202 Resp: 72295
Ion Ratio Lower Upper
202 100
101 2.4 0.0 22.7
203 15.6 0.0 38.2

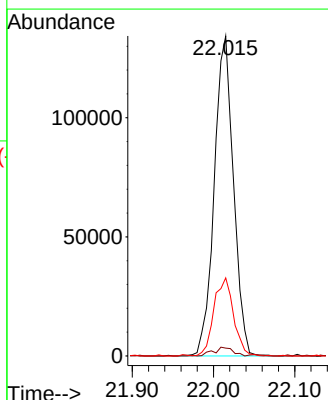
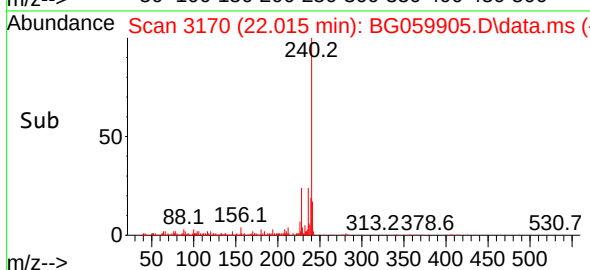
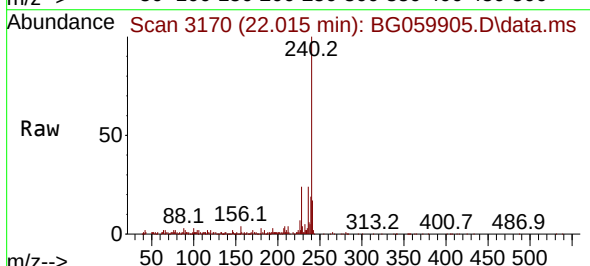
Manual Integrations
APPROVED

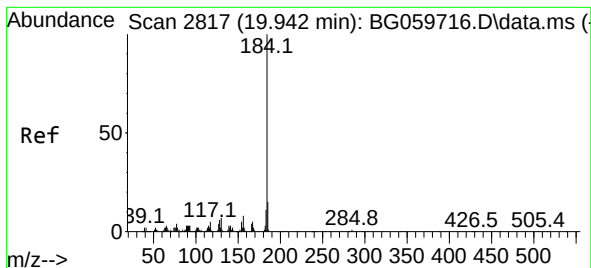
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3170
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:240 Resp: 220748
Ion Ratio Lower Upper
240 100
120 2.5 2.2 3.2
236 24.4 19.4 29.2





#77

Benzidine

Concen: 48.779 ng

RT: 19.912 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:184 Resp: 244172

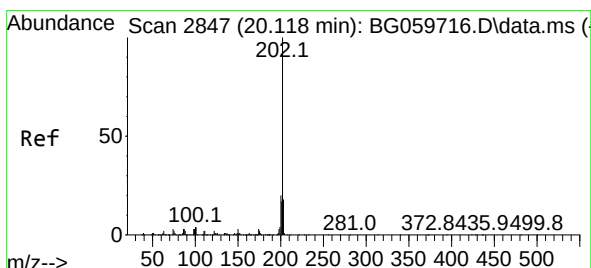
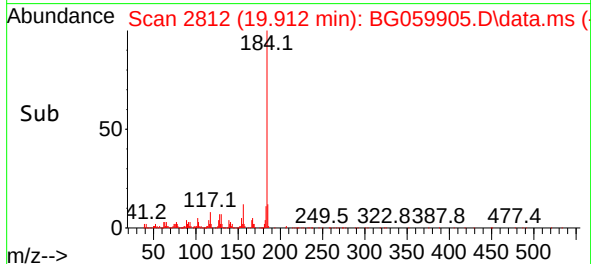
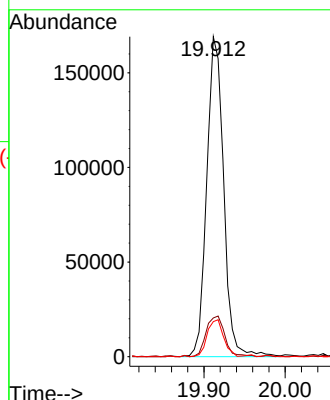
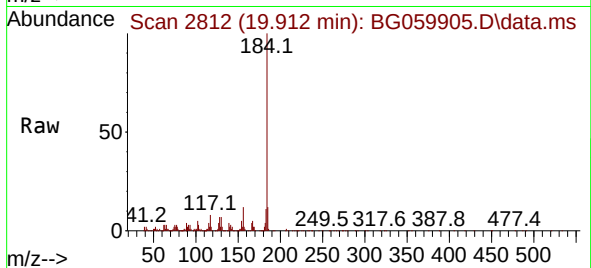
Ion	Ratio	Lower	Upper
184	100		
185	12.1	12.2	18.2
183	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#78

Pyrene

Concen: 45.636 ng

RT: 20.094 min Scan# 2843

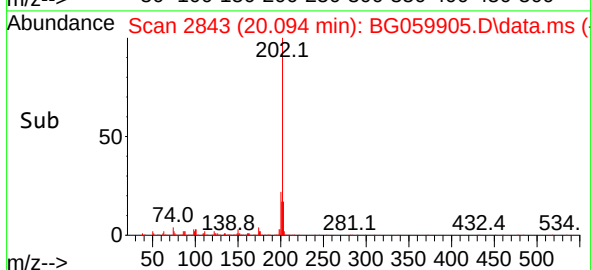
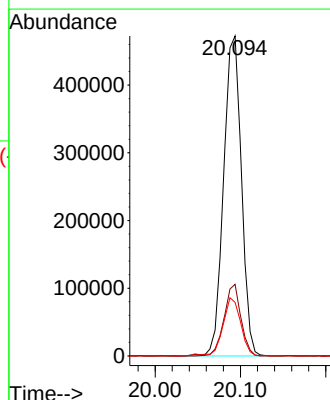
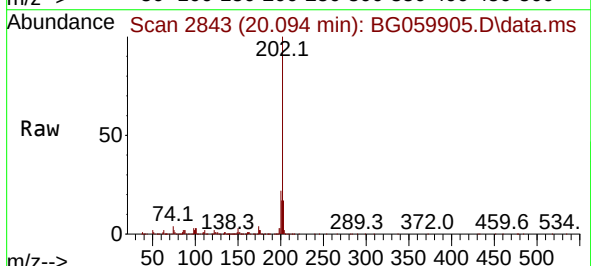
Delta R.T. -0.004 min

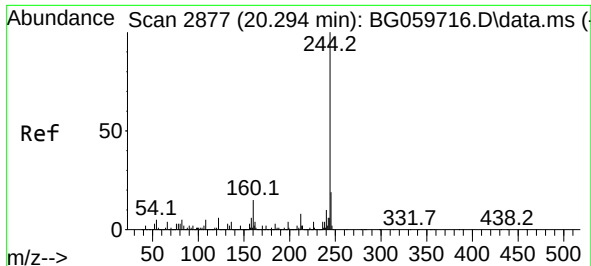
Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Tgt Ion:202 Resp: 685426

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.2	24.4
203	16.8	14.0	21.0





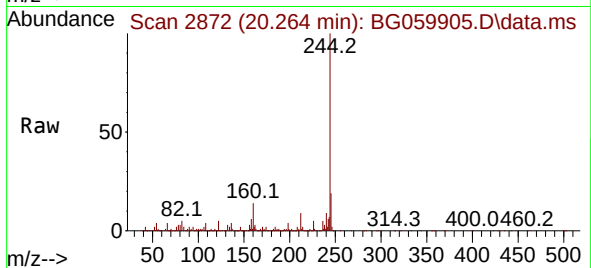
#79
 Terphenyl-d14
 Concen: 74.121 ng
 RT: 20.264 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

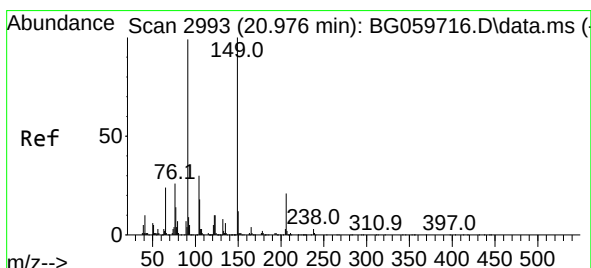
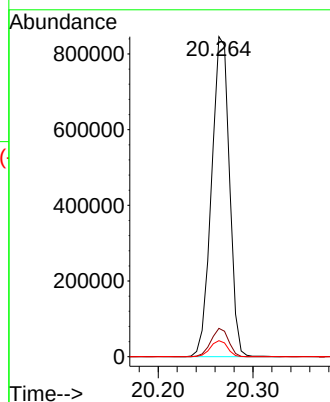
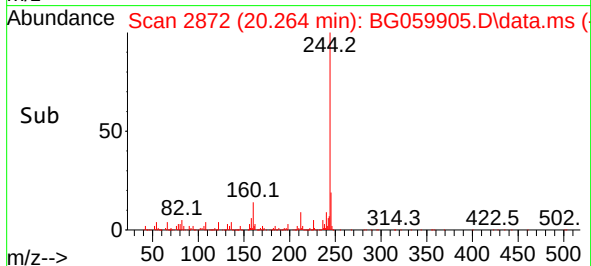


Tgt Ion:244 Resp: 1108349
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 5.0 4.4 6.6

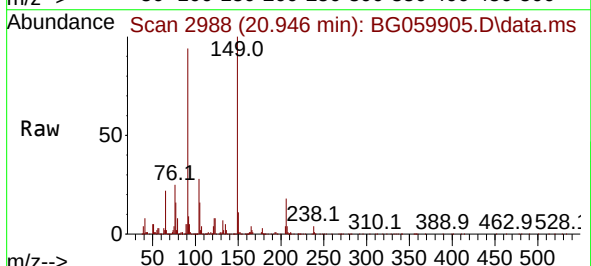
Manual Integrations

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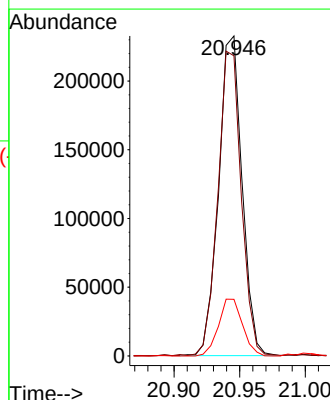
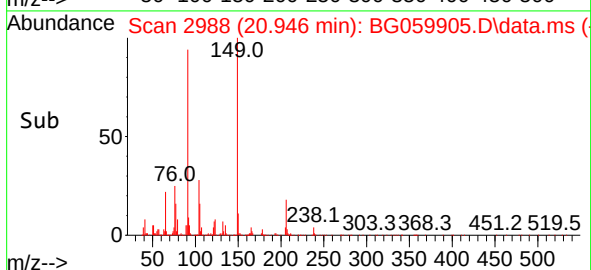
Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

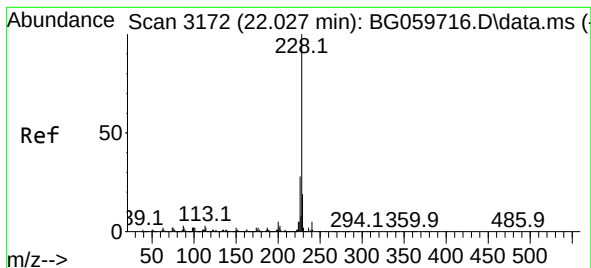


#80
 Butylbenzylphthalate
 Concen: 46.951 ng
 RT: 20.946 min Scan# 2988
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55



Tgt Ion:149 Resp: 289155
 Ion Ratio Lower Upper
 149 100
 91 93.8 79.6 119.4
 206 17.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 44.324 ng

RT: 21.991 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

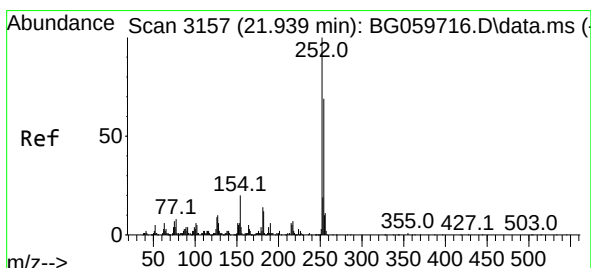
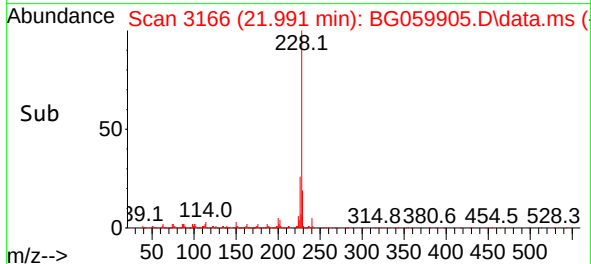
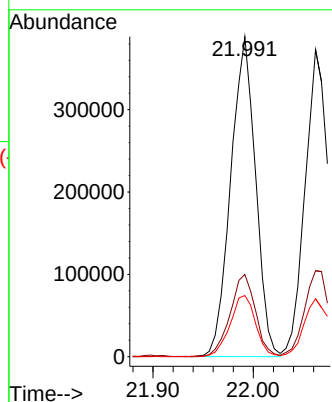
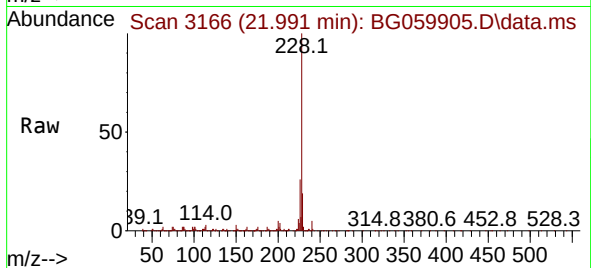
Tgt Ion:228 Resp: 669470
 Ion Ratio Lower Upper
 228 100
 226 25.7 22.1 33.1
 229 19.1 14.9 22.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 21.452 ng

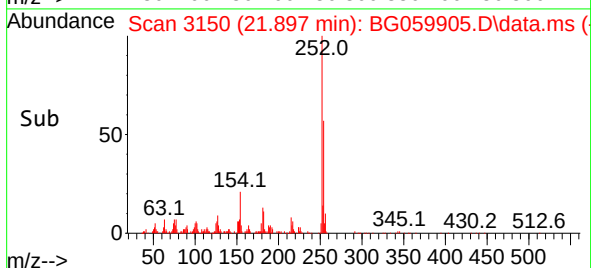
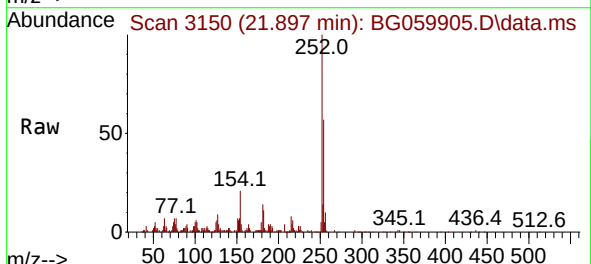
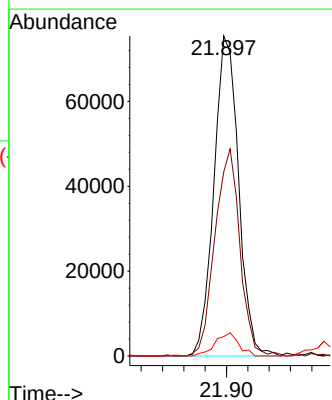
RT: 21.897 min Scan# 3150

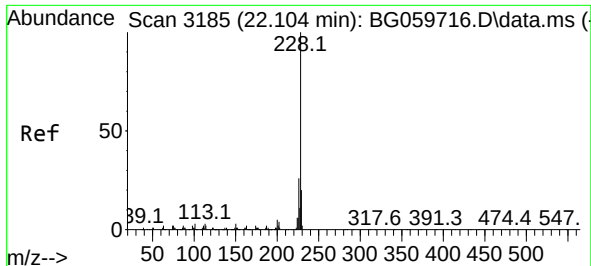
Delta R.T. -0.009 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Tgt Ion:252 Resp: 120711
 Ion Ratio Lower Upper
 252 100
 254 57.4 55.2 82.8
 126 6.1 7.0 10.6





#83

Chrysene

Concen: 43.678 ng

RT: 22.062 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:228 Resp: 604758

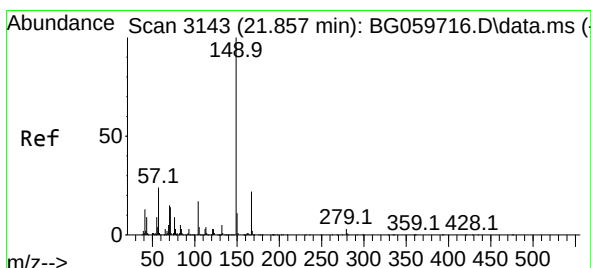
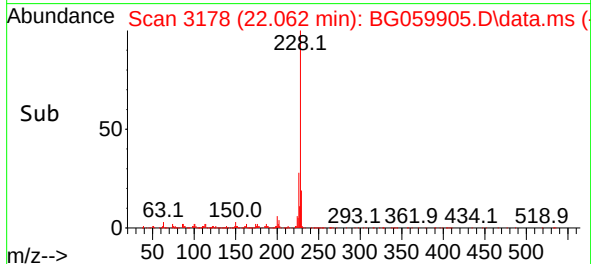
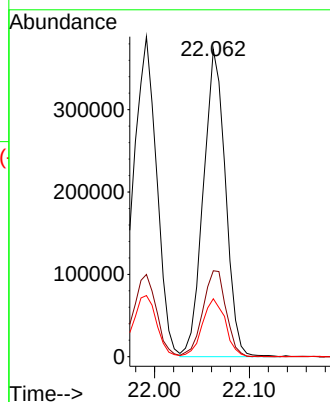
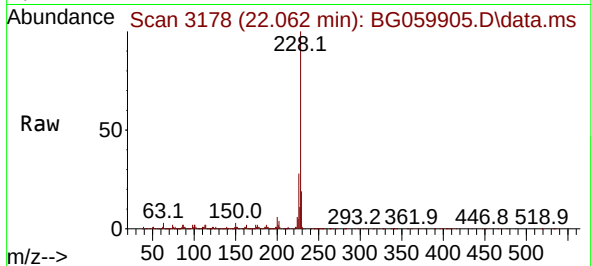
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.1	31.7
229	18.9	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.228 ng

RT: 21.815 min Scan# 3136

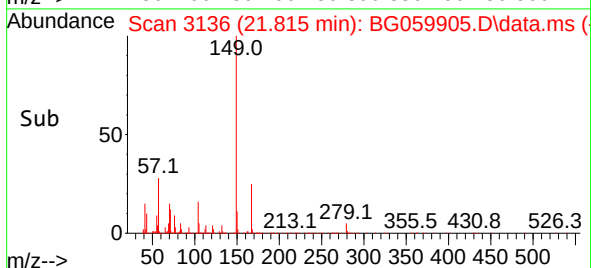
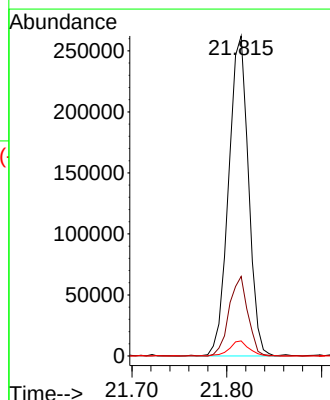
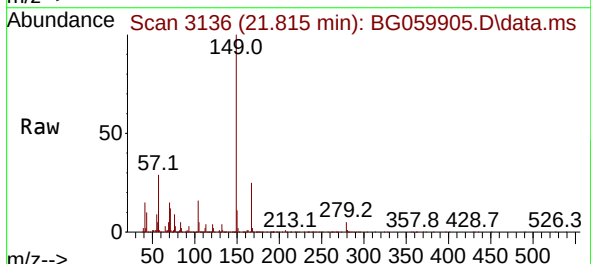
Delta R.T. -0.004 min

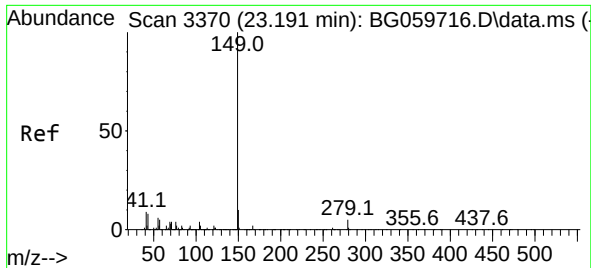
Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Tgt Ion:149 Resp: 380779

Ion	Ratio	Lower	Upper
149	100		
167	24.9	17.6	26.4
279	4.7	2.7	4.1#





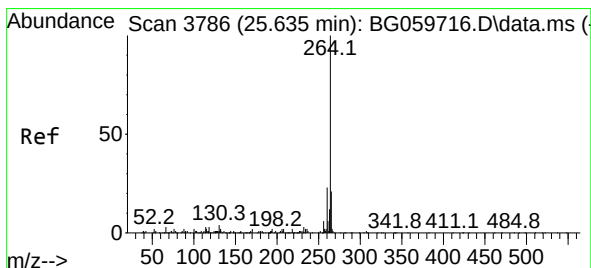
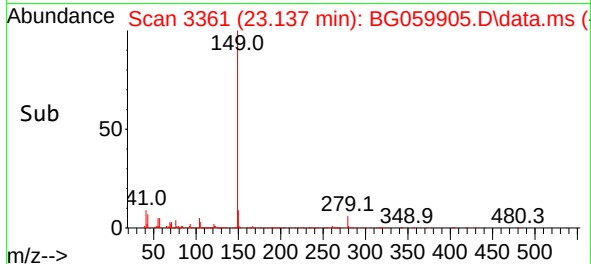
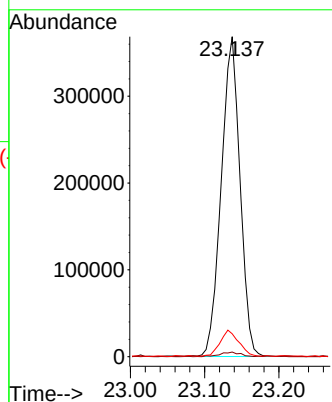
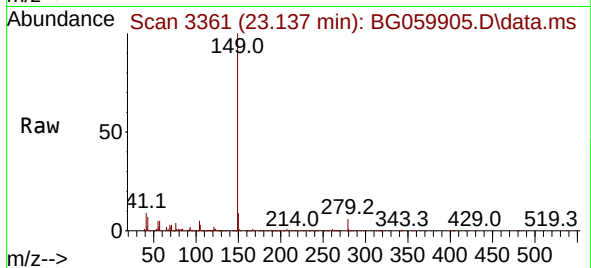
#85
Di-n-octyl phthalate
Concen: 39.058 ng
RT: 23.137 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:149 Resp: 64734
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.9 6.3 9.5

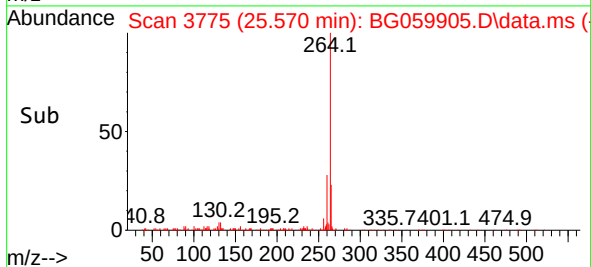
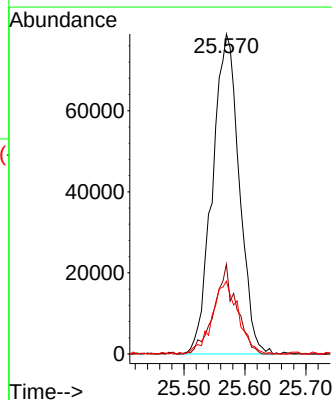
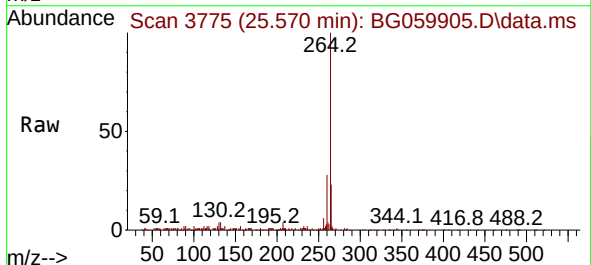
Manual Integrations
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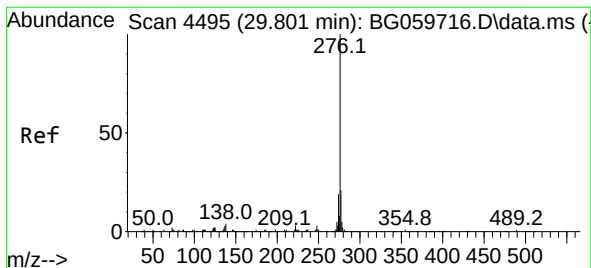
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.570 min Scan# 3775
Delta R.T. -0.009 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:264 Resp: 241654
Ion Ratio Lower Upper
264 100
260 28.0 18.5 27.7#
265 22.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.048 ng m

RT: 29.700 min Scan# 4495

Delta R.T. -0.015 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:276 Resp: 823712

Ion Ratio Lower Upper

276 100

138 0.4 1.8 2.6

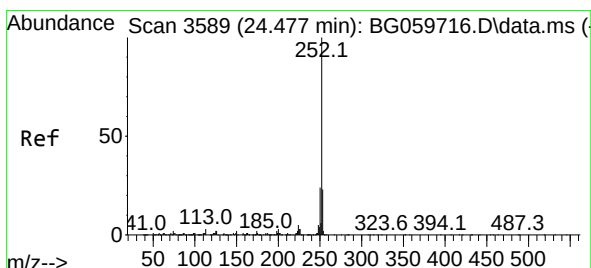
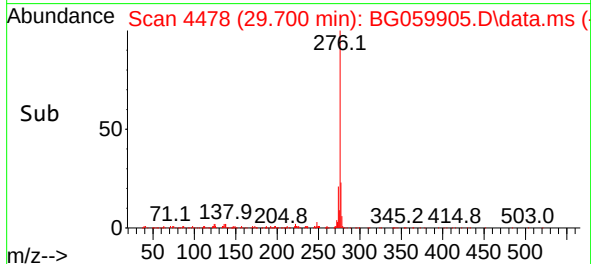
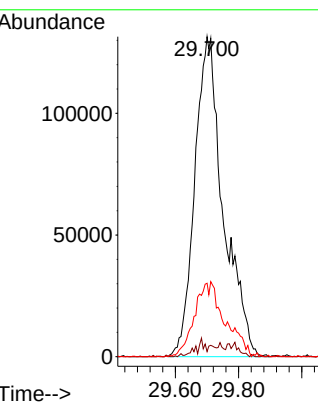
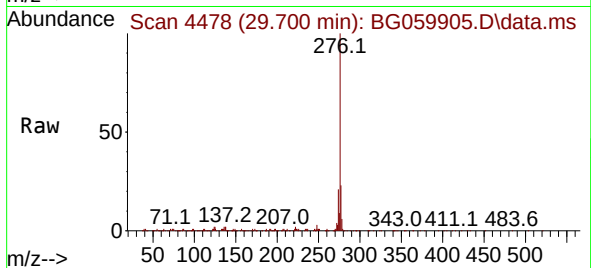
277 12.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#88

Benzo(b)fluoranthene

Concen: 51.372 ng

RT: 24.424 min Scan# 3580

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

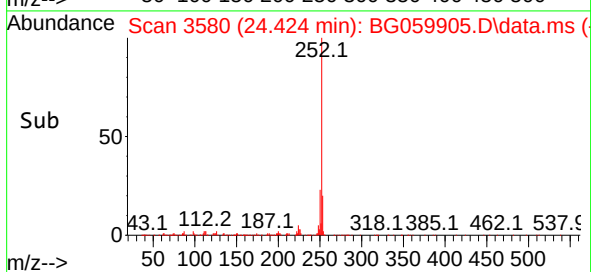
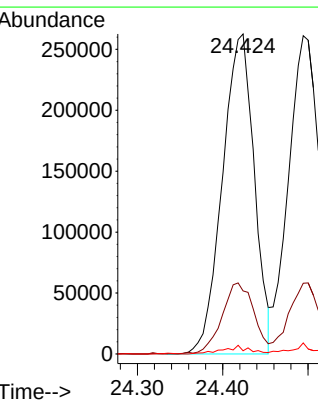
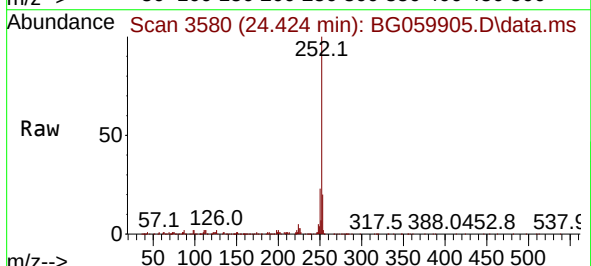
Tgt Ion:252 Resp: 680412

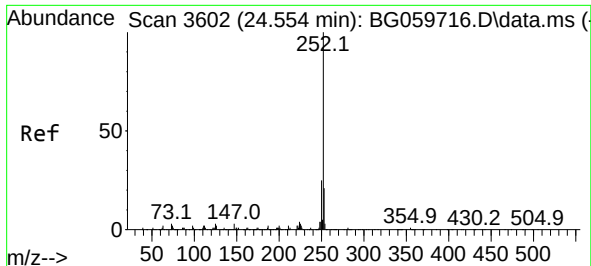
Ion Ratio Lower Upper

252 100

253 19.7 18.3 27.5

125 1.0 1.4 2.0





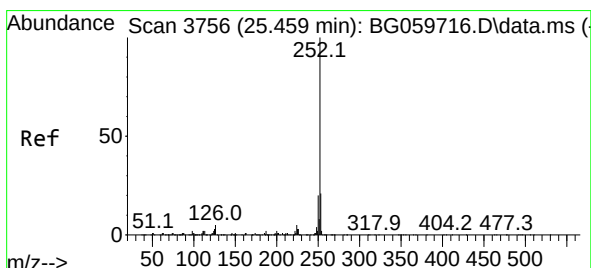
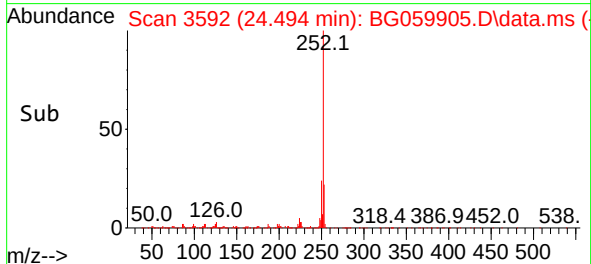
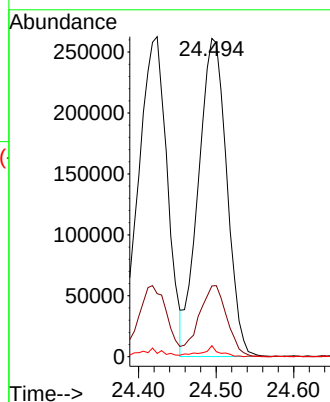
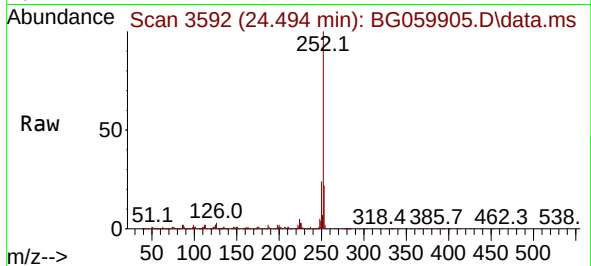
#89
Benzo(k)fluoranthene
Concen: 50.720 ng
RT: 24.494 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:252 Resp: 66414
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 3.5 2.2 3.2

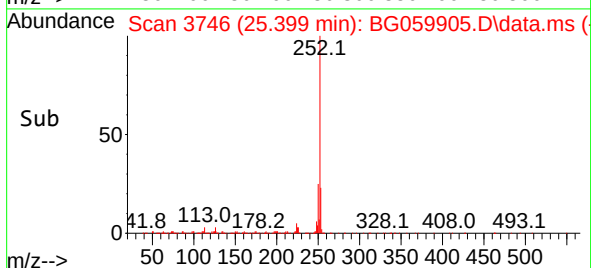
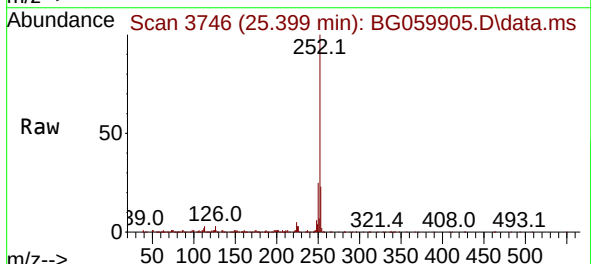
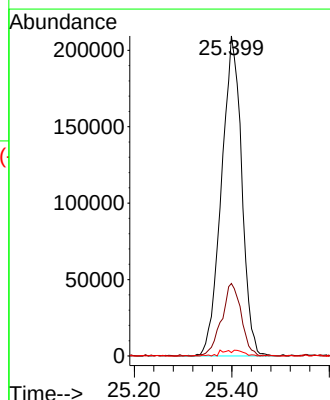
Manual Integrations
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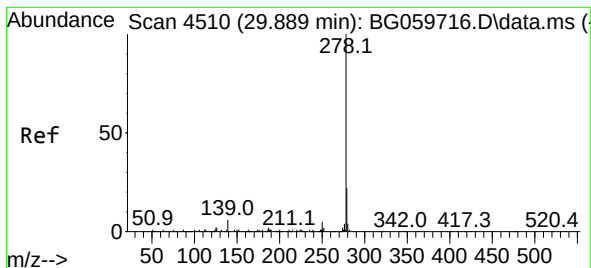
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#90
Benzo(a)pyrene
Concen: 42.683 ng
RT: 25.399 min Scan# 3746
Delta R.T. -0.015 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:252 Resp: 603340
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 1.1 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 45.543 ng

RT: 29.782 min Scan# 44

Delta R.T. -0.021 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:278 Resp: 704549

Ion Ratio Lower Upper

278 100

139 2.1 4.6 7.0

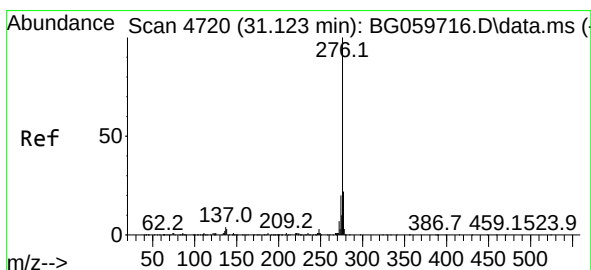
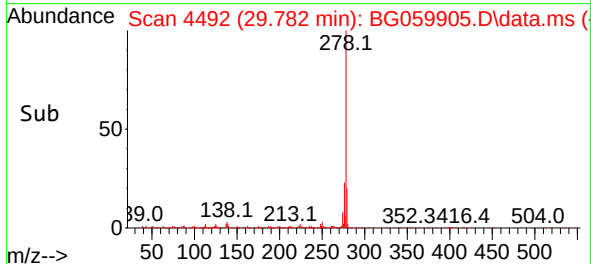
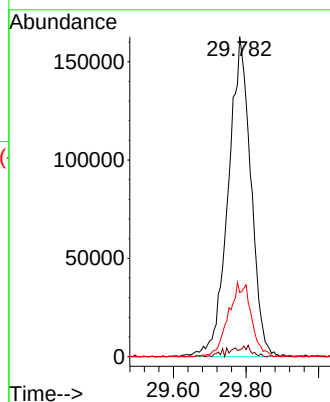
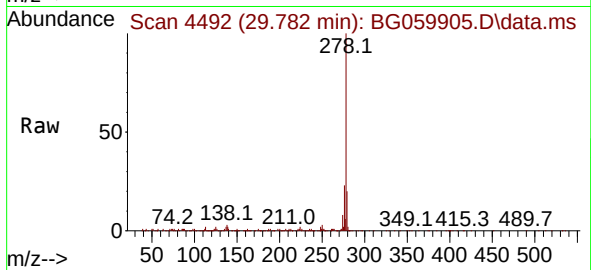
279 20.1 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#92

Benzo(g,h,i)perylene

Concen: 42.703 ng

RT: 31.022 min Scan# 4703

Delta R.T. -0.015 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Tgt Ion:276 Resp: 626827

Ion Ratio Lower Upper

276 100

277 21.8 17.3 25.9

138 4.2 2.6 4.0

