

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
 Data File : BG059601.D
 Acq On : 2 Nov 2023 13:33
 Operator : MA/JU
 Sample : 04996-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4A86

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 03 04:10:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	82292	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.204	136	537132	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.982	164	341345	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.737	188	747081	20.000	ng/u1	0.00
79) Chrysene-d12	22.073	240	583003	20.000	ng/u1	0.00
88) Perylene-d12	25.669	264	607751	20.000	ng/u1	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	11087	5.041	ng/uL	0.00
4) Pyridine-d5	4.083	84	153622	24.994	ng/u1	0.00
7) Phenol-d5	7.467	99	255703	30.238	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	106709	27.473	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.866	132	199357	29.059	ng/u1	0.00
15) 4-Methylphenol-d8	9.036	113	205575	30.642	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	98487	25.787	ng/u1	0.00
24) 2-Nitrophenol-d4	10.269	143	105336	26.866	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.798	165	280729	32.498	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	204875	14.407	ng/u1	0.00
46) Dimethylphthalate-d6	14.376	166	912239	29.498	ng/u1	-0.01
49) Acenaphthylene-d8	14.688	160	1047958	28.875	ng/u1	0.00
54) 4-Nitrophenol-d4	15.152	143	199611	37.640	ng/u1	0.00
60) Fluorene-d10	15.969	176	806583	30.519	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	16.074	200	155617	43.985	ng/u1	0.00
73) Anthracene-d10	17.837	188	1280628	31.641	ng/u1	0.00
81) Pyrene-d10	20.105	212	1330118	32.823	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.428	264	1225999	34.258	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.689	88	10745	4.365	ng/uL#	88
6) Benzaldehyde	7.496	77	186348	48.924	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.767	93	284437	48.653	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.153	70	94538	18.972	ng/u1#	95
22) Nitrobenzene	9.600	77	76986	9.339	ng/u1	89
25) 2-Nitrophenol	10.305	139	82805	19.637	ng/u1#	80
29) 2,4-Dichlorophenol	10.822	162	201715	24.137	ng/u1	92
30) Naphthalene	11.251	128	385375	11.511	ng/u1#	96
33) Hexachlorobutadiene	11.486	225	126793	25.290	ng/u1	95
36) 2-Methylnaphthalene	12.831	142	525753	22.827	ng/u1	100
37) 1-Methylnaphthalene	13.049	142	787315	34.320	ng/u1	95
39) 1,2,4,5-Tetrachloroben...	13.172	216	108078	10.978	ng/u1	94
40) Hexachlorocyclopentadiene	13.125	237	223094	38.872	ng/u1	91
41) 2,4,6-Trichlorophenol	13.413	196	267653	39.261	ng/u1	93
43) 1,1'-Biphenyl	13.824	154	1292112	41.844	ng/u1#	96
44) 2-Chloronaphthalene	13.871	162	245361	10.223	ng/u1	95
48) 2,6-Dinitrotoluene	14.570	165	215163	46.684	ng/u1#	76
50) Acenaphthylene	14.717	152	596074	14.255	ng/u1	98
52) Acenaphthene	15.046	153	300360	11.019	ng/u1	97
53) 2,4-Dinitrophenol	15.099	184	196464	75.021	ng/u1#	68
56) Dibenzofuran	15.381	168	407281	11.525	ng/u1	94
61) Fluorene	16.027	166	386895	12.682	ng/u1	96
62) 4-Chlorophenyl-phenyle...	16.010	204	251149	19.264	ng/u1	96
66) 4,6-Dinitro-2-methylph...	16.092	198	266166	71.383	ng/u1#	79

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

69) Hexachlorobenzene	16.997	284	340285	39.385	ng/u1	98
71) Pentachlorophenol	17.355	266	338990	68.679	ng/u1	91
72) Phenanthrene	17.778	178	574019	11.819	ng/u1	97
74) Anthracene	17.872	178	913599	18.630	ng/u1	98
77) Carbazole	18.148	167	2024845	48.065	ng/u1	97
80) Fluoranthene	19.770	202	1167607	23.637	ng/u1	99
82) Pyrene	20.134	202	1146504	22.344	ng/u1	97
85) Benzo(a)anthracene	22.050	228	1477992	30.806	ng/u1	98
87) Chrysene	22.120	228	536197m	12.014	ng/u1	
90) Benzo(b)fluoranthene	24.506	252	1136595	25.800	ng/u1	95
93) Benzo(a)pyrene	25.499	252	638890	15.344	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	29.870	276	1742270m	33.013	ng/u1	
95) Dibenzo(a,h)anthracene	29.958	278	1183622	27.155	ng/u1	95
96) Benzo(g,h,i)perylene	31.192	276	662419m	15.336	ng/u1	

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

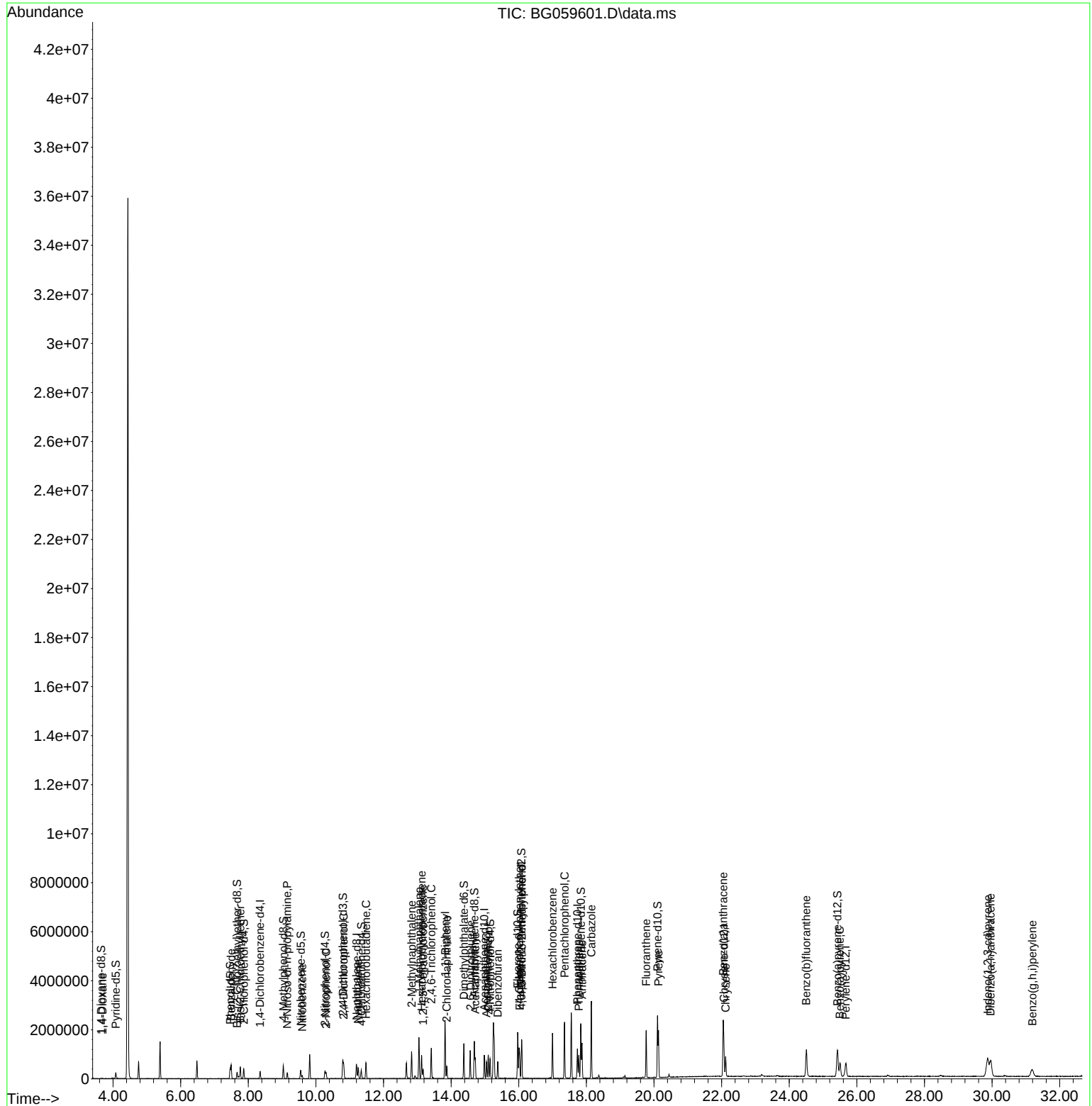
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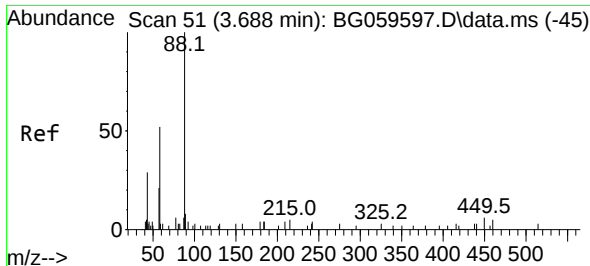
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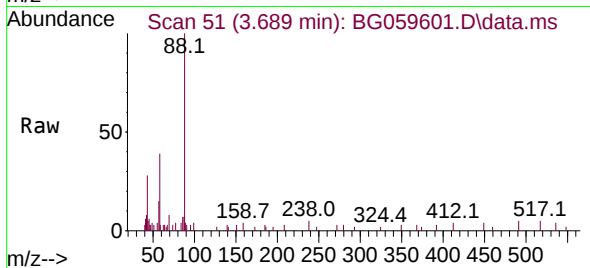
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#2
1,4-Dioxane
Concen: 4.365 ng/uL
RT: 3.689 min Scan# 51
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

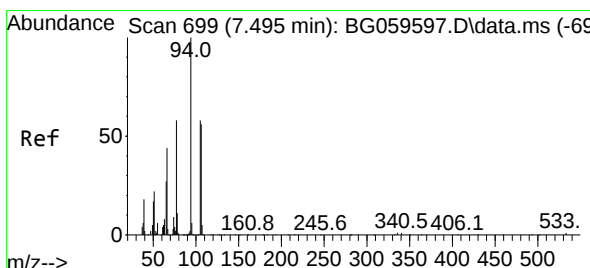
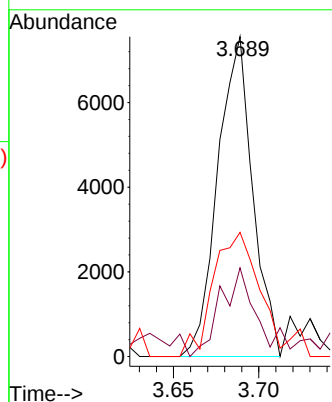
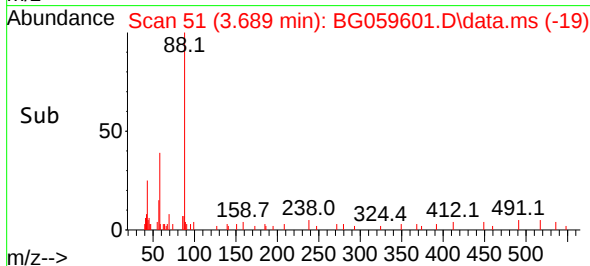
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ClientSampleId :
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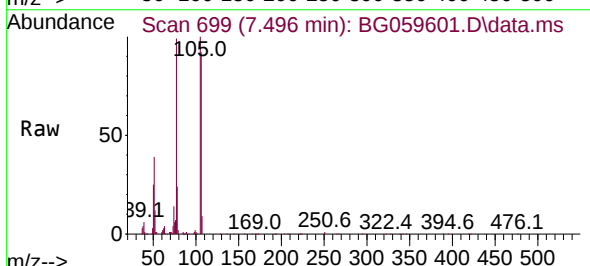
Tgt Ion: 88 Resp: 10745
Ion Ratio Lower Upper
88 100
43 27.7 15.7 23.5
58 38.8 36.2 54.2

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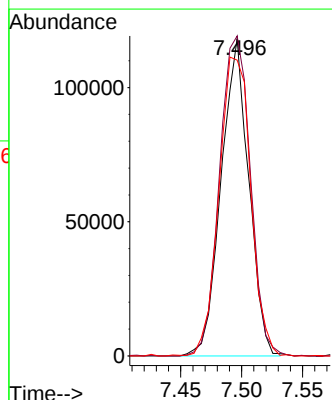
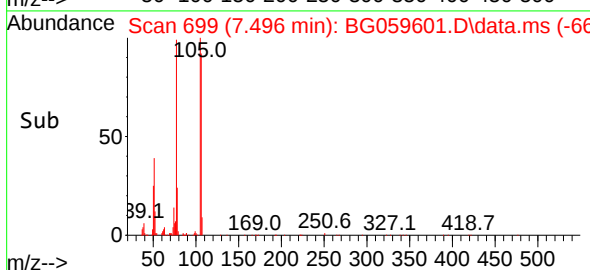
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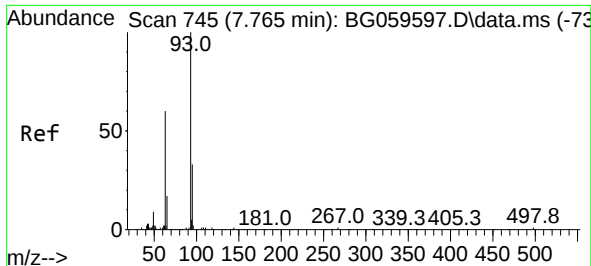


#6
Benzaldehyde
Concen: 48.924 ng/uL
RT: 7.496 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33



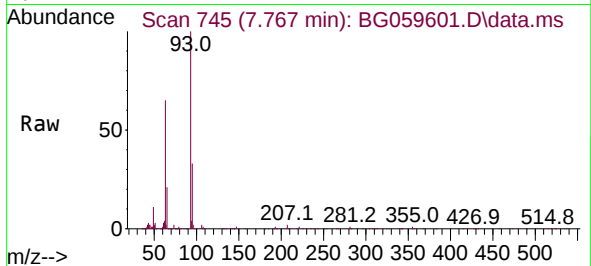
Tgt Ion: 77 Resp: 186348
Ion Ratio Lower Upper
77 100
105 100.9 83.6 125.4
106 93.2 78.6 118.0





#10
Bis(2-Chloroethyl)ether
Concen: 48.653 ng/ul
RT: 7.767 min Scan# 745
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

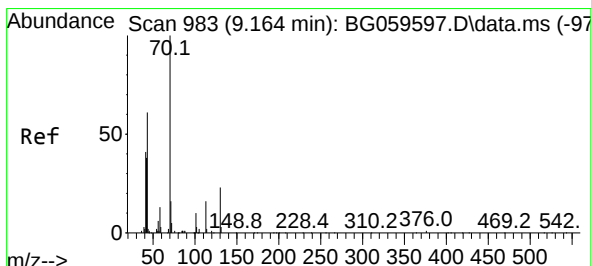
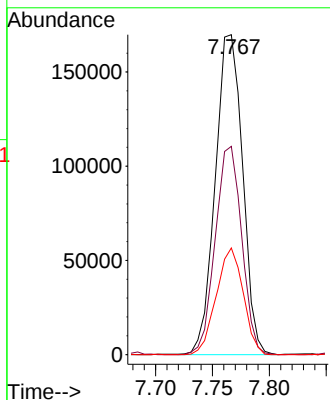
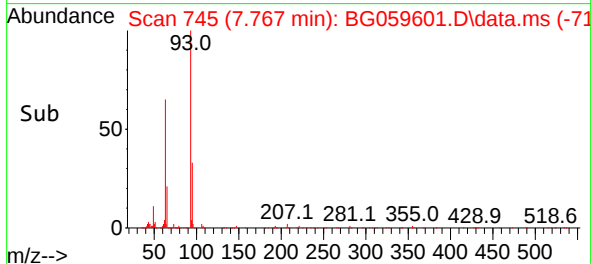
Instrument :
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Tgt Ion: 93 Resp: 284437
Ion Ratio Lower Upper
93 100
63 65.1 52.5 78.7
95 33.4 26.5 39.7

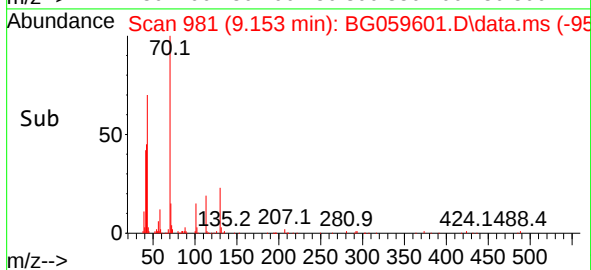
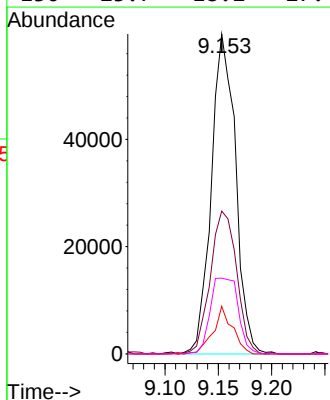
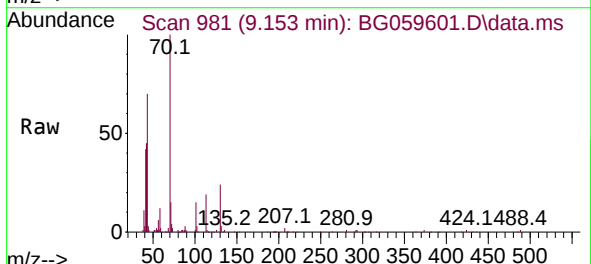
Manual Integrations
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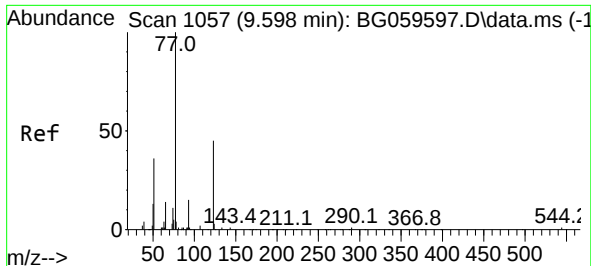
Reviewed By :Yogesh Patel 11/03/2023
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#17
N-Nitroso-di-n-propylamine
Concen: 18.972 ng/ul
RT: 9.153 min Scan# 981
Delta R.T. -0.019 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

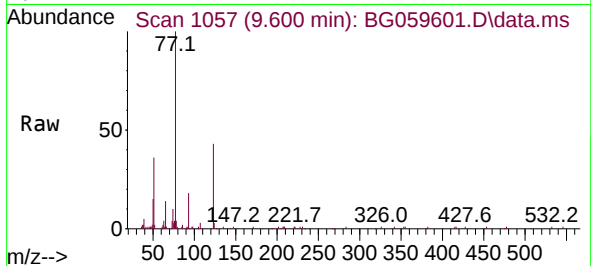
Tgt Ion: 70 Resp: 94538
Ion Ratio Lower Upper
70 100
42 44.6 33.8 50.8
101 14.9 5.4 8.0#
130 23.7 18.2 27.4





#22
Nitrobenzene
Concen: 9.339 ng/ul
RT: 9.600 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

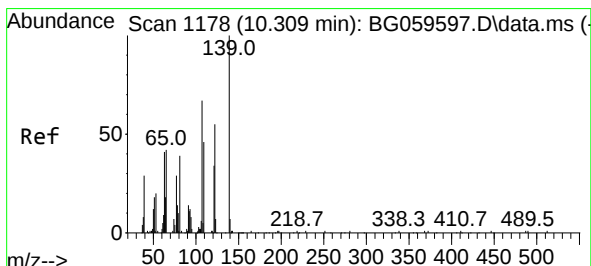
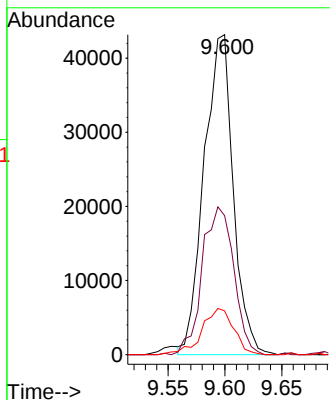
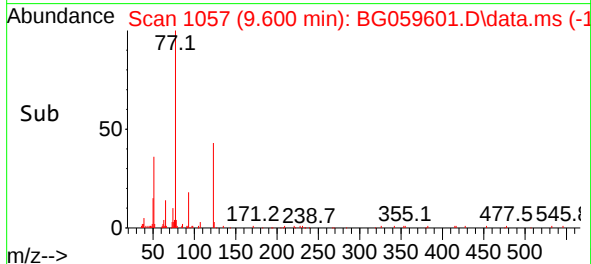
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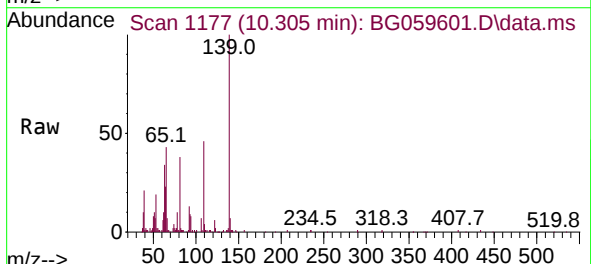
Tgt Ion: 77 Resp: 76986
Ion Ratio Lower Upper
77 100
123 43.4 42.6 63.8
65 13.7 11.0 16.4

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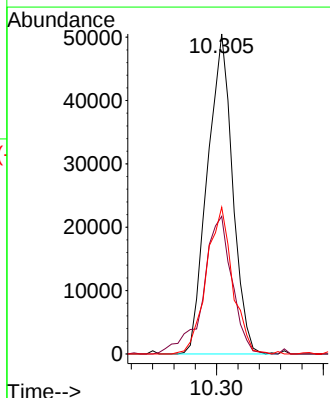
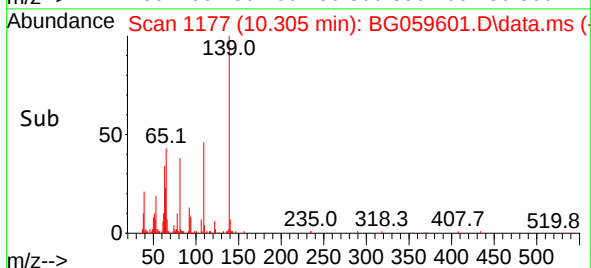
Reviewed By :Yogesh Patel 11/03/2023
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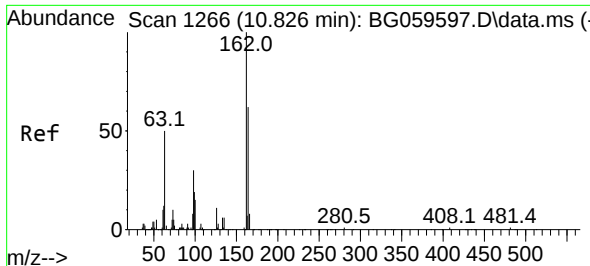


#25
2-Nitrophenol
Concen: 19.637 ng/ul
RT: 10.305 min Scan# 1177
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33



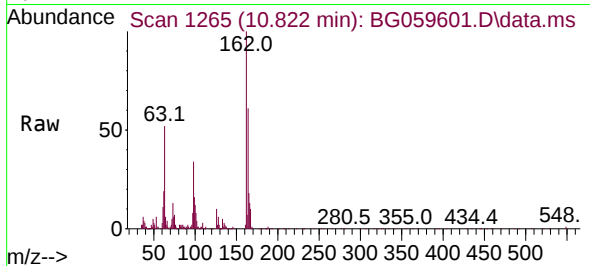
Tgt Ion:139 Resp: 82805
Ion Ratio Lower Upper
139 100
65 43.0 39.7 59.5
109 45.8 21.0 31.6





#29
2,4-Dichlorophenol
Concen: 24.137 ng/ul
RT: 10.822 min Scan# 1265
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

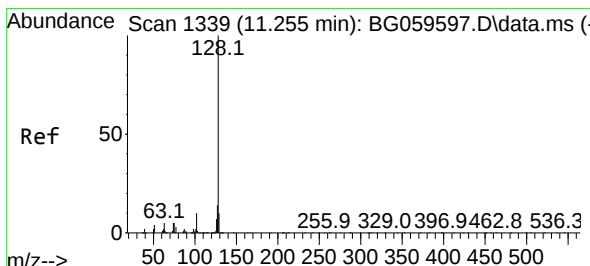
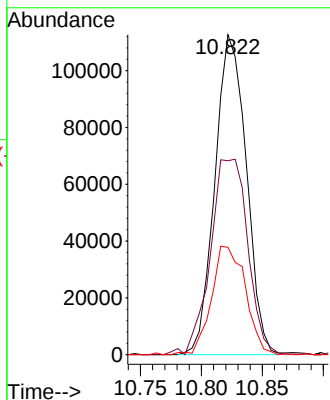
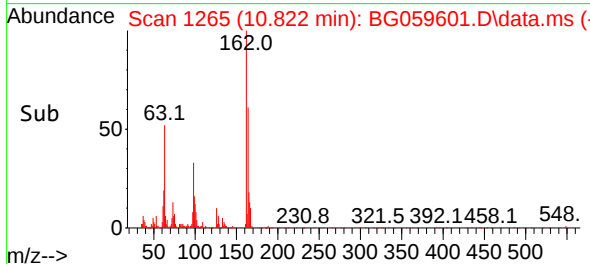
Instrument :
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Tgt Ion:162 Resp: 201715
Ion Ratio Lower Upper
162 100
164 60.6 45.3 67.9
98 33.5 32.2 48.4

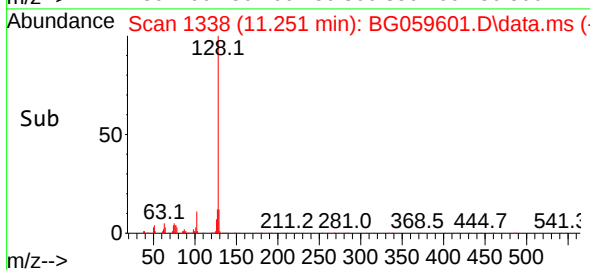
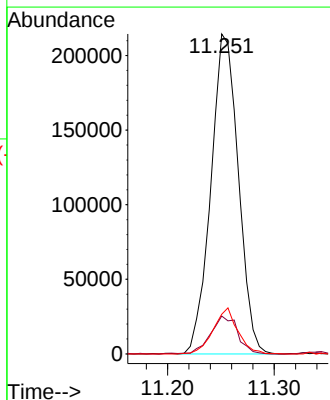
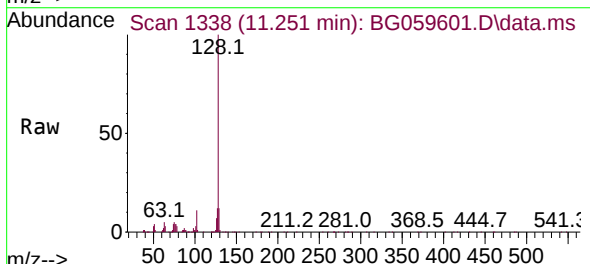
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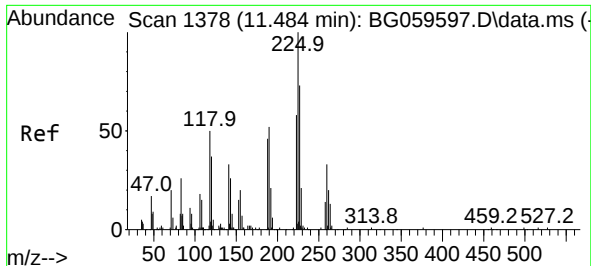
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#30
Naphthalene
Concen: 11.511 ng/ul
RT: 11.251 min Scan# 1338
Delta R.T. -0.013 min
Lab File: BG059601.D
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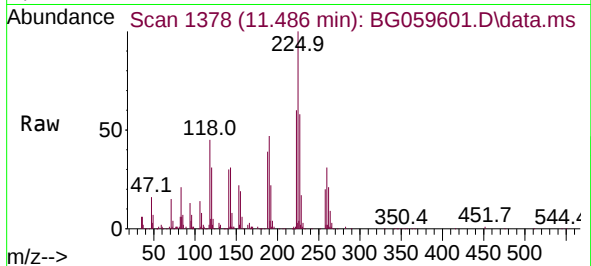
Tgt Ion:128 Resp: 385375
Ion Ratio Lower Upper
128 100
129 11.8 7.4 11.0#
127 12.4 10.5 15.7





#33
Hexachlorobutadiene
Concen: 25.290 ng/ul
RT: 11.486 min Scan# 1378
Delta R.T. -0.013 min
Lab File: BG059601.D
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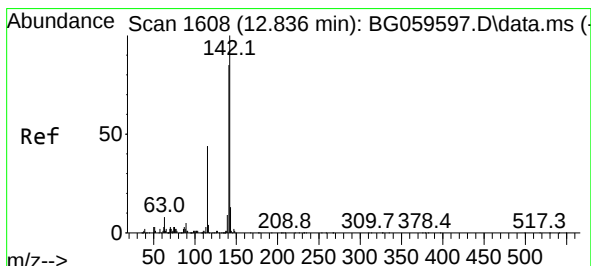
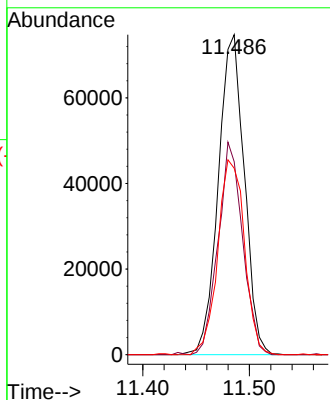
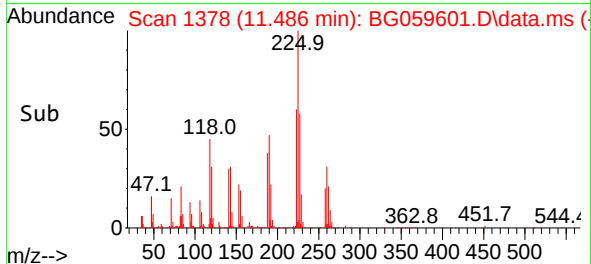
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Tgt Ion:225 Resp: 126793
Ion Ratio Lower Upper
225 100
223 60.3 50.8 76.2
227 58.2 49.8 74.8

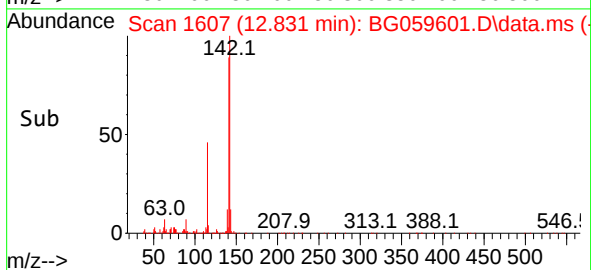
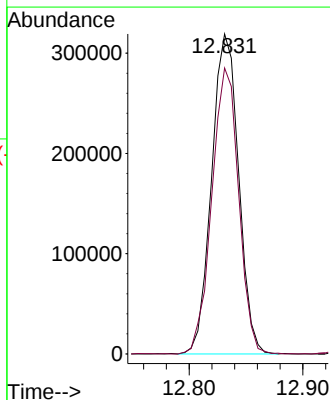
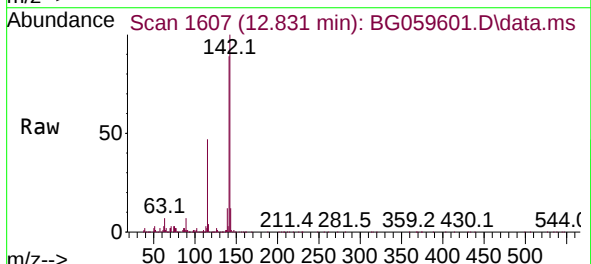
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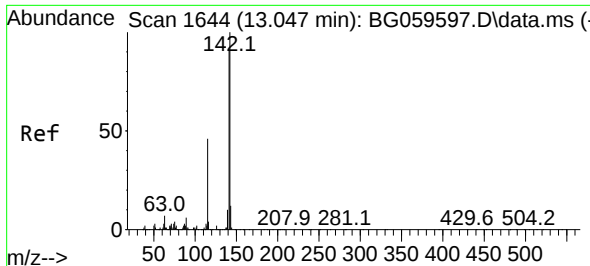
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#36
2-Methylnaphthalene
Concen: 22.827 ng/ul
RT: 12.831 min Scan# 1607
Delta R.T. -0.013 min
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Acq: 2 Nov 2023 13:33

Tgt Ion:142 Resp: 525753
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5





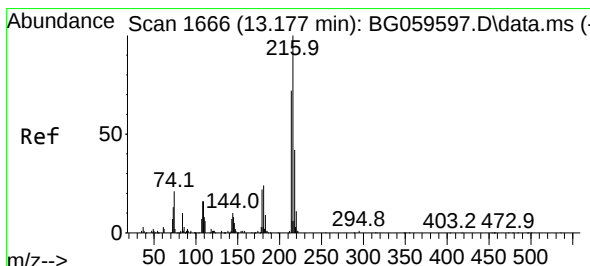
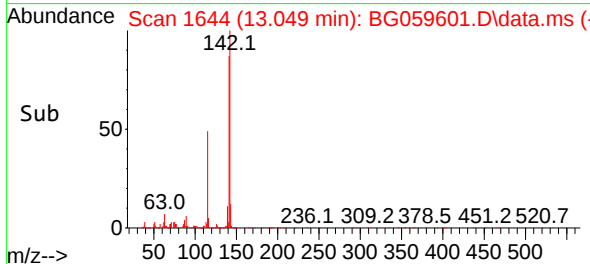
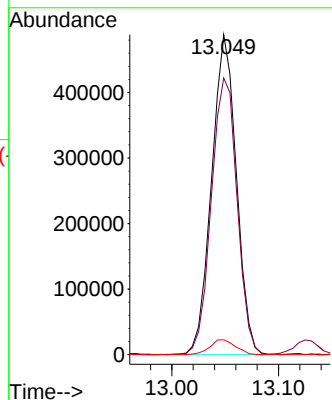
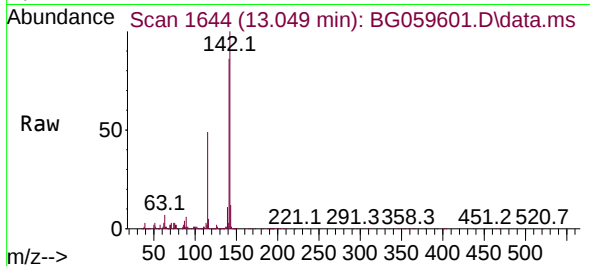
#37
1-Methylnaphthalene
Concen: 34.320 ng/ul
RT: 13.049 min Scan# 1644
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

Instrument :
BNA_G
ClientSampleId :
A4A86

Tgt Ion:142 Resp: 787315
Ion Ratio Lower Upper
142 100
141 86.4 73.1 109.7
116 4.6 3.3 4.9

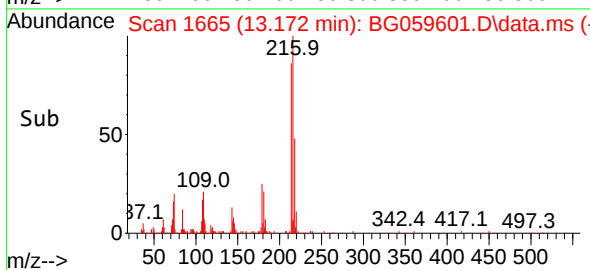
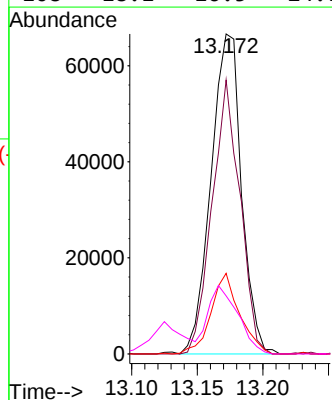
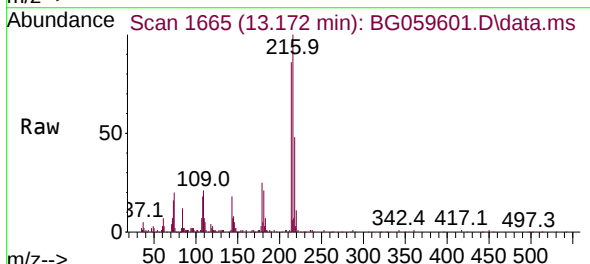
Manual Integrations
APPROVED

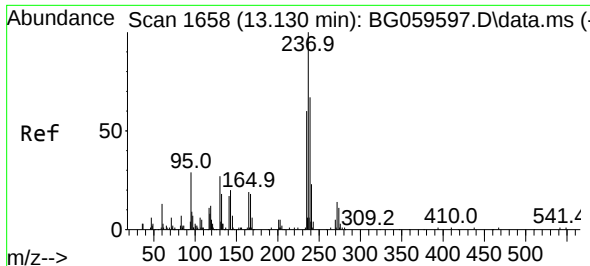
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 10.978 ng/ul
RT: 13.172 min Scan# 1665
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

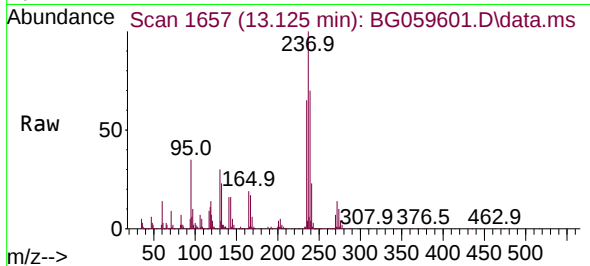
Tgt Ion:216 Resp: 108078
Ion Ratio Lower Upper
216 100
214 85.6 63.7 95.5
179 25.2 19.2 28.8
108 18.1 16.5 24.7





#40
Hexachlorocyclopentadiene
Concen: 38.872 ng/ul
RT: 13.125 min Scan# 1657
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

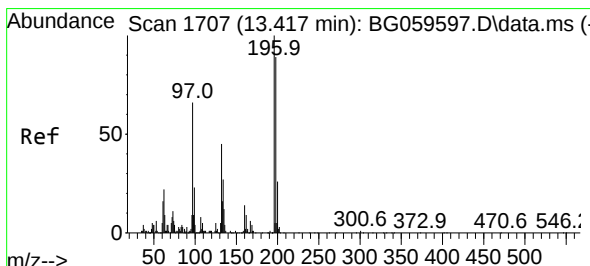
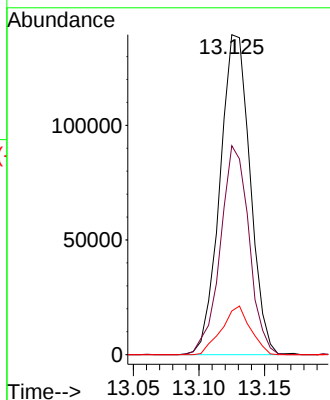
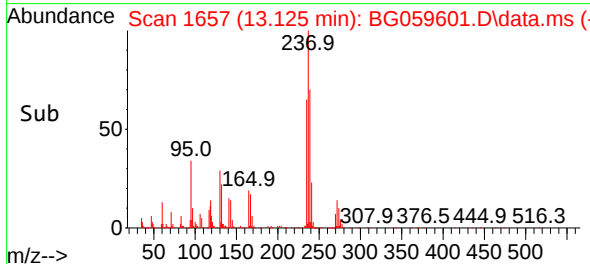
Instrument :
BNA_G
ClientSampleId :
A4A86



Tgt Ion:237 Resp: 223094
Ion Ratio Lower Upper
237 100
235 65.3 46.6 69.8
272 13.6 13.0 19.4

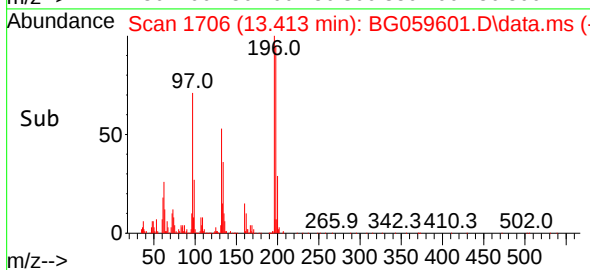
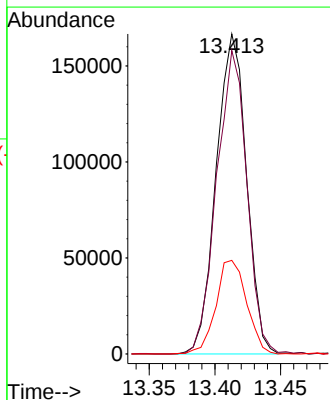
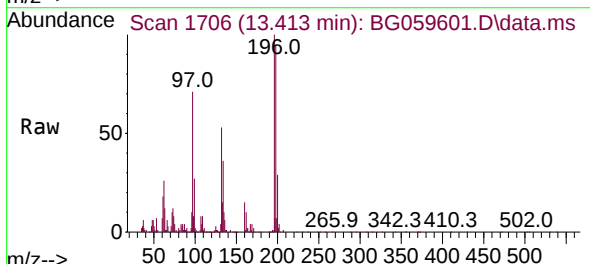
Manual Integrations
APPROVED

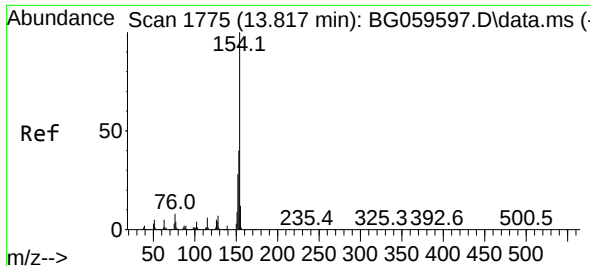
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#41
2,4,6-Trichlorophenol
Concen: 39.261 ng/ul
RT: 13.413 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

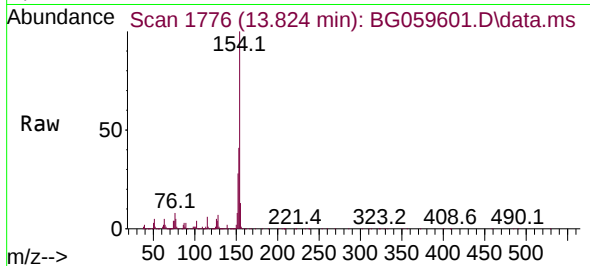
Tgt Ion:196 Resp: 267653
Ion Ratio Lower Upper
196 100
198 94.8 69.6 104.4
200 29.2 23.8 35.8





#43
1,1'-Biphenyl
Concen: 41.844 ng/ul
RT: 13.824 min Scan# 1776
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

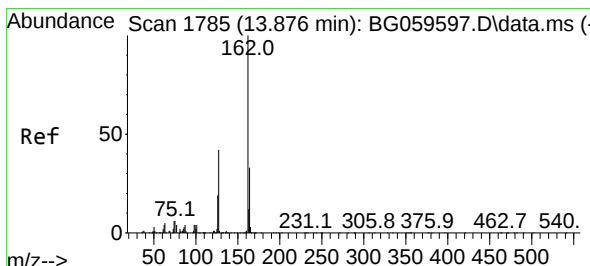
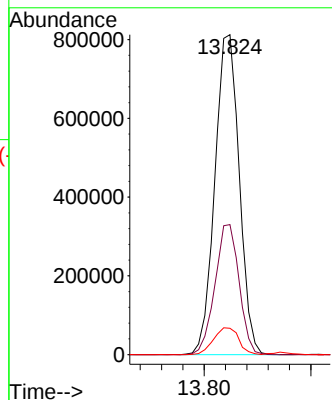
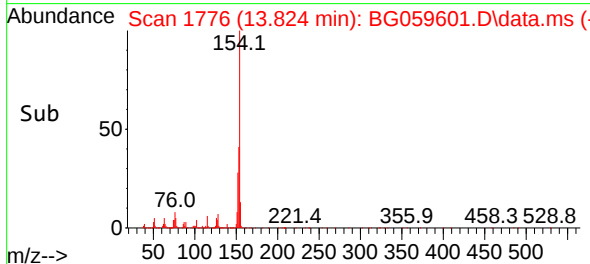
Instrument :
BNA_G
ClientSampleId :
A4A86



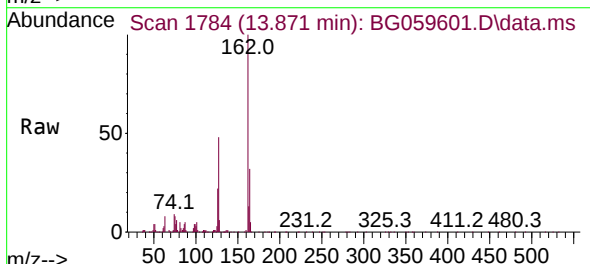
Tgt Ion:154 Resp: 1292112
Ion Ratio Lower Upper
154 100
153 40.6 30.7 46.1
76 8.2 8.2 12.4

Manual Integrations
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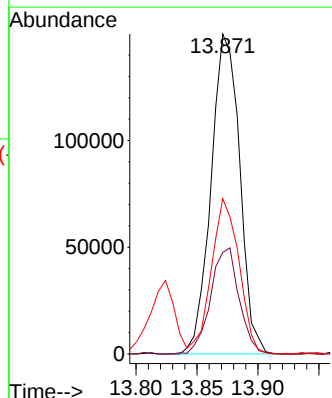
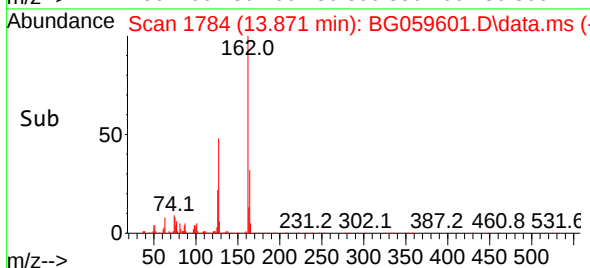
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

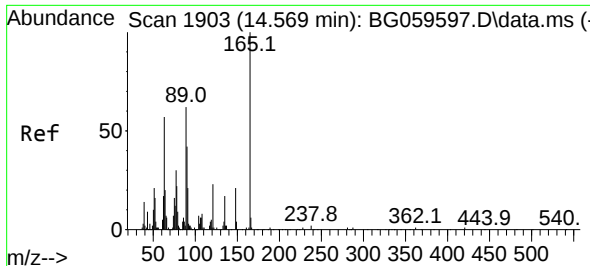


#44
2-Chloronaphthalene
Concen: 10.223 ng/ul
RT: 13.871 min Scan# 1784
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33



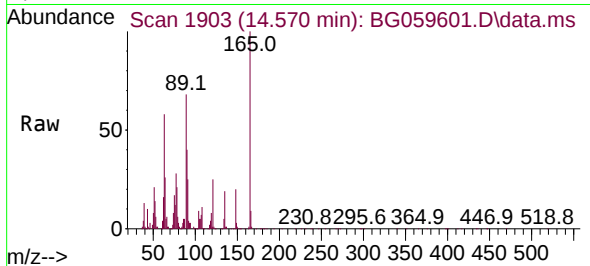
Tgt Ion:162 Resp: 245361
Ion Ratio Lower Upper
162 100
164 31.7 23.9 35.9
127 48.5 35.3 52.9





#48
2,6-Dinitrotoluene
Concen: 46.684 ng/ul
RT: 14.570 min Scan# 1903
Delta R.T. -0.001 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

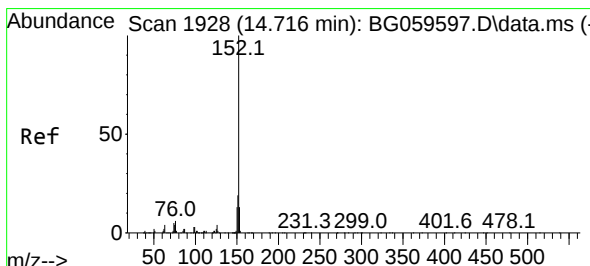
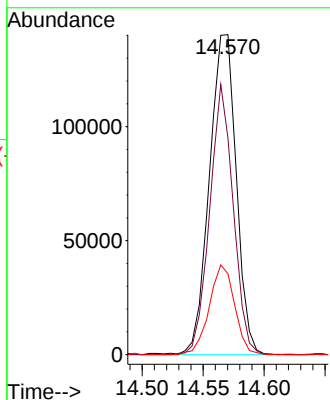
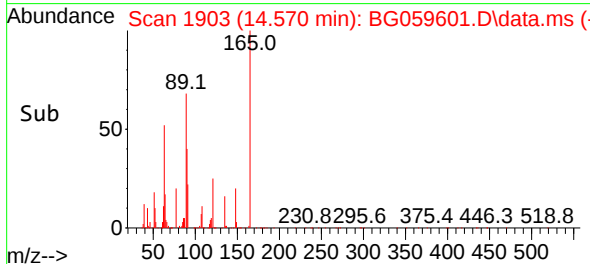
Instrument :
BNA_G
ClientSampleId :
A4A86



Tgt Ion:165 Resp: 215163
Ion Ratio Lower Upper
165 100
89 67.7 41.0 61.4
121 25.3 12.3 18.5

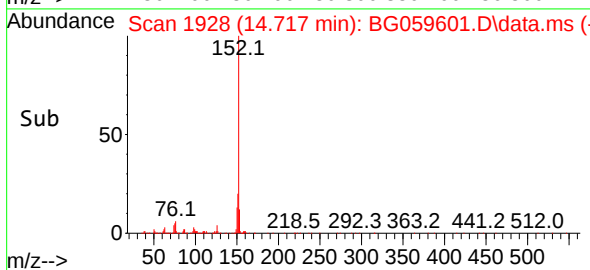
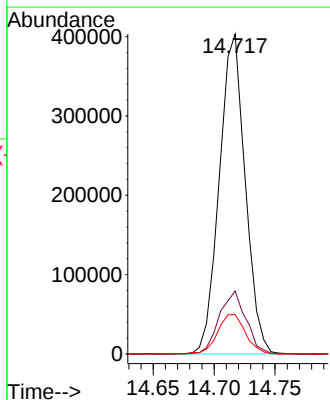
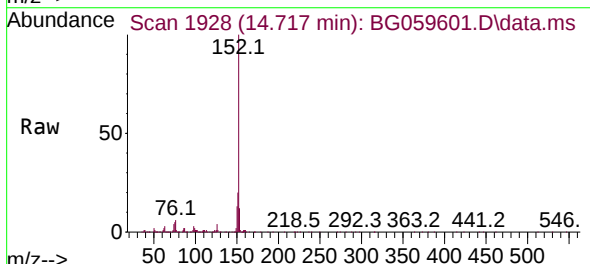
Manual Integrations
APPROVED

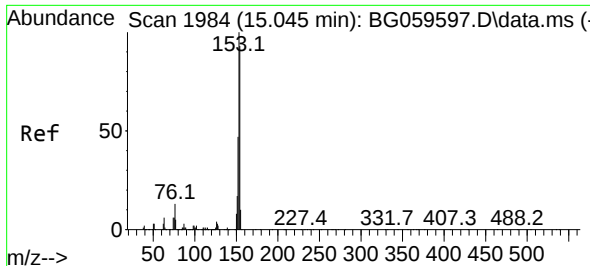
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#50
Acenaphthylene
Concen: 14.255 ng/ul
RT: 14.717 min Scan# 1928
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

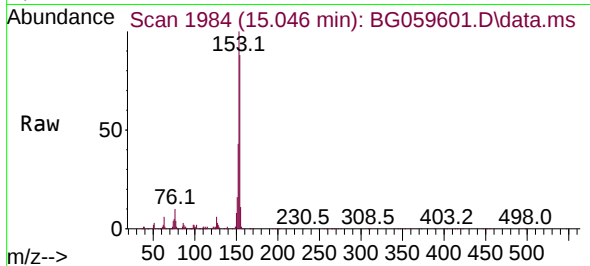
Tgt Ion:152 Resp: 596074
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0
153 12.3 9.4 14.2





#52
Acenaphthene
Concen: 11.019 ng/ul
RT: 15.046 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

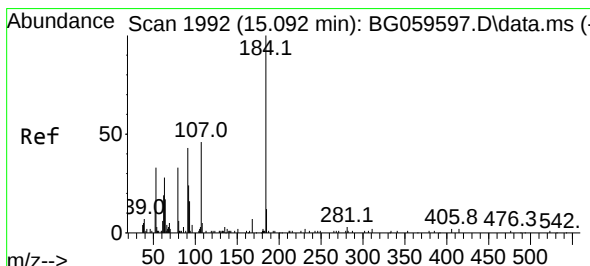
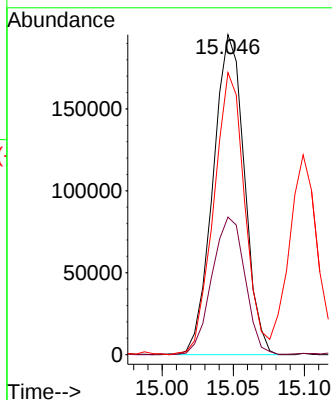
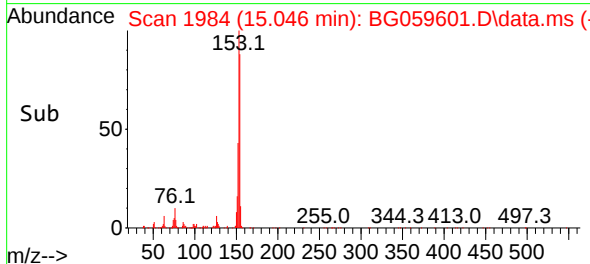
Instrument :
BNA_G
ClientSampleId :
A4A86



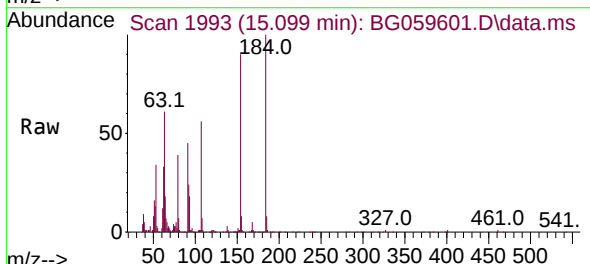
Tgt Ion:153 Resp: 300360
Ion Ratio Lower Upper
153 100
152 43.0 37.6 56.4
154 88.1 69.4 104.0

Manual Integrations
APPROVED

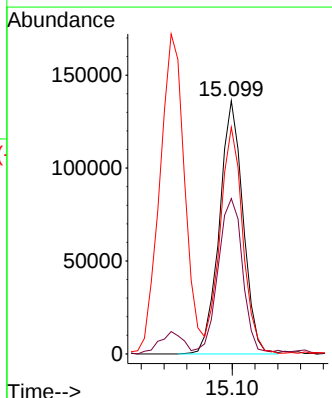
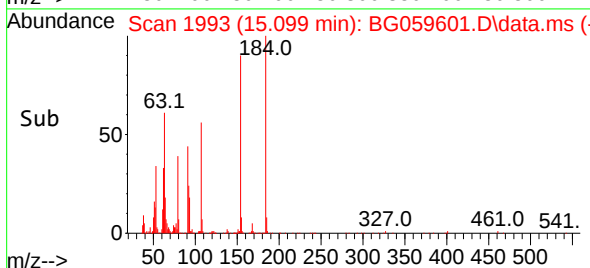
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

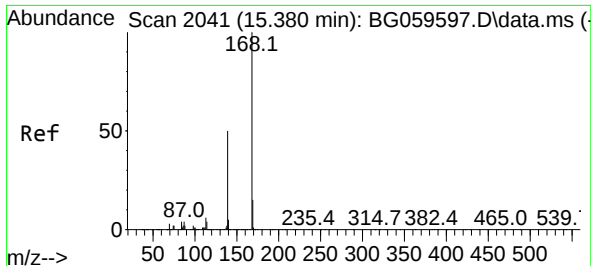


#53
2,4-Dinitrophenol
Concen: 75.021 ng/ul
RT: 15.099 min Scan# 1993
Delta R.T. -0.001 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33



Tgt Ion:184 Resp: 196464
Ion Ratio Lower Upper
184 100
63 61.4 35.0 52.6#
154 89.6 49.8 74.8#





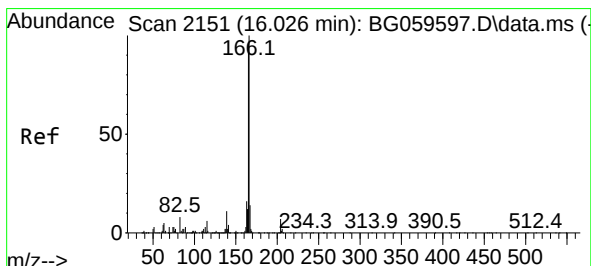
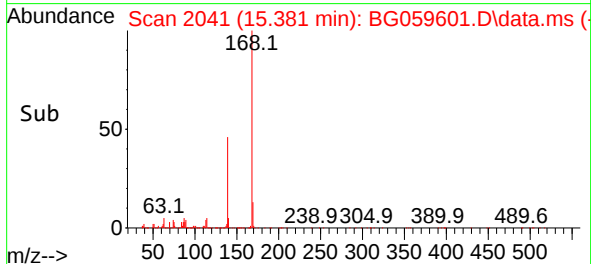
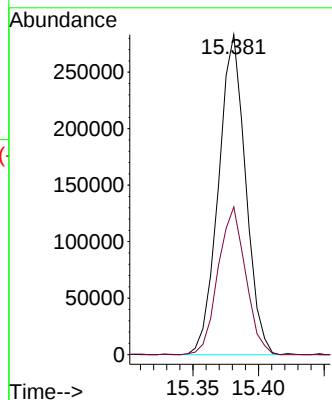
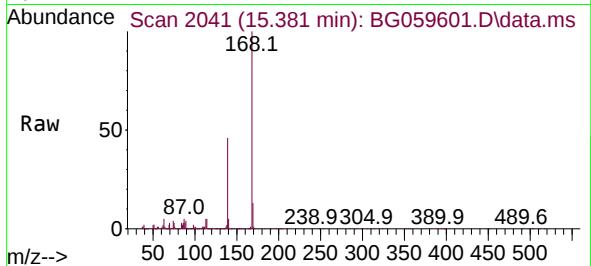
#56
Dibenzenofuran
Concen: 11.525 ng/ul
RT: 15.381 min Scan# 2041
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

Instrument :
BNA_G
ClientSampleId :
A4A86

Tgt Ion:168 Resp: 407281
Ion Ratio Lower Upper
168 100
139 46.1 33.8 50.8

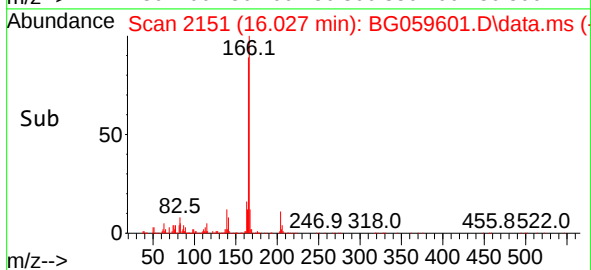
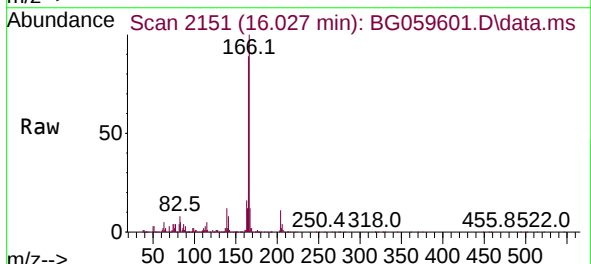
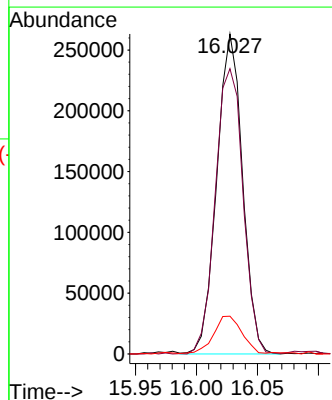
Manual Integrations
APPROVED

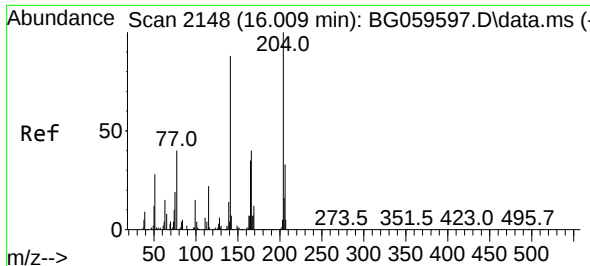
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#61
Fluorene
Concen: 12.682 ng/ul
RT: 16.027 min Scan# 2151
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

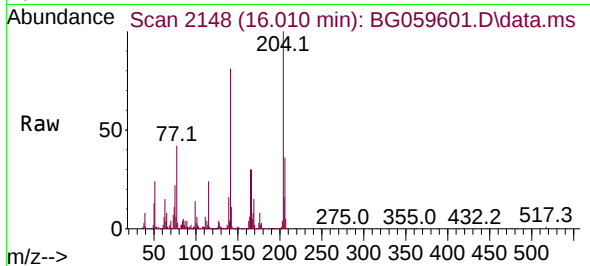
Tgt Ion:166 Resp: 386895
Ion Ratio Lower Upper
166 100
165 89.1 74.4 111.6
167 11.8 9.1 13.7





#62
4-Chlorophenyl-phenylether
Concen: 19.264 ng/ul
RT: 16.010 min Scan# 2148
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

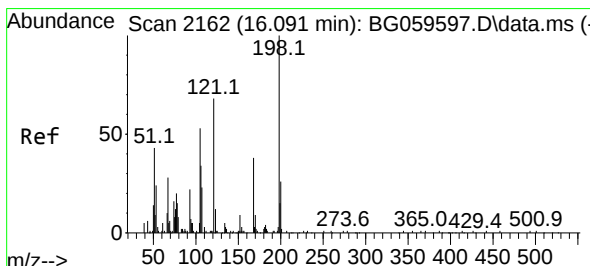
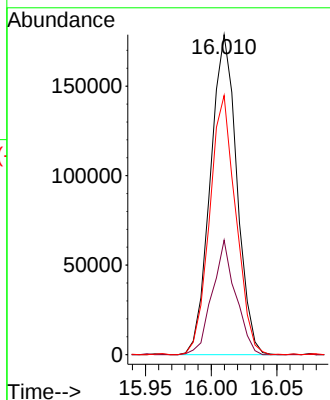
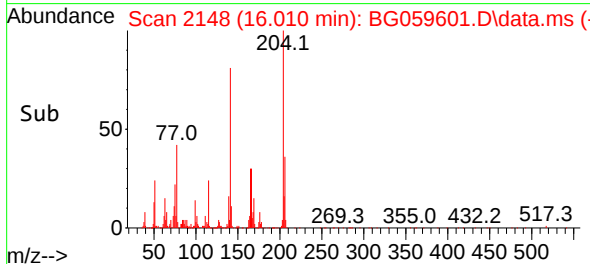
Instrument :
BNA_G
ClientSampleId :
A4A86



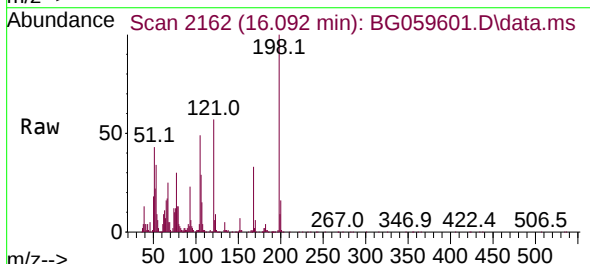
Tgt Ion:204 Resp: 251149
Ion Ratio Lower Upper
204 100
206 35.8 28.8 43.2
141 81.0 68.6 103.0

Manual Integrations
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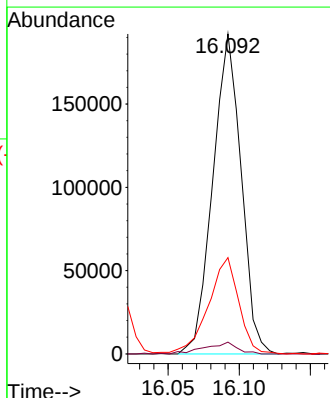
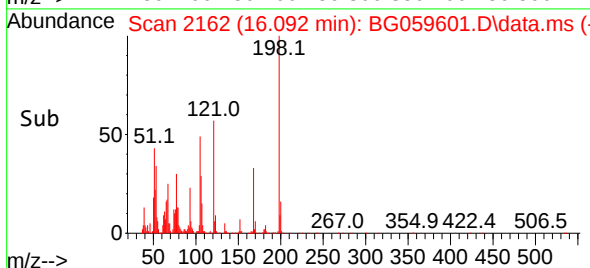
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

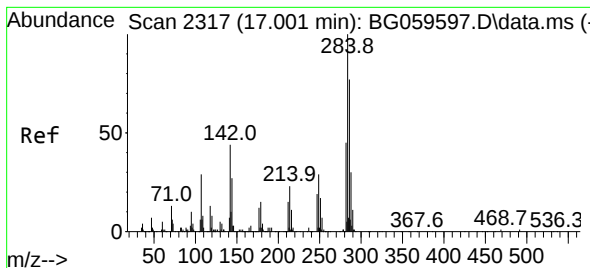


#66
4,6-Dinitro-2-methylphenol
Concen: 71.383 ng/ul
RT: 16.092 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33



Tgt Ion:198 Resp: 266166
Ion Ratio Lower Upper
198 100
182 3.7 1.4 2.0#
77 30.1 15.8 23.8#





#69

Hexachlorobenzene

Concen: 39.385 ng/ul

RT: 16.997 min Scan# 2316

Delta R.T. -0.007 min

Lab File: BG059601.D

Acq: 2 Nov 2023 13:33

Instrument :

BNA_G

ClientSampleId :

A4A86

Tgt Ion:284 Resp: 340285

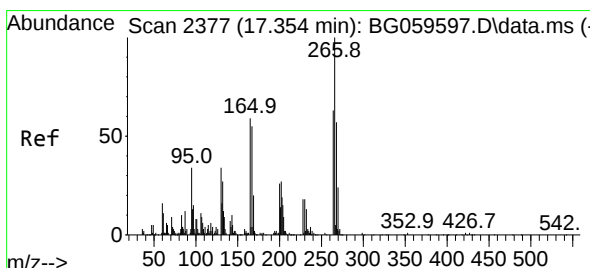
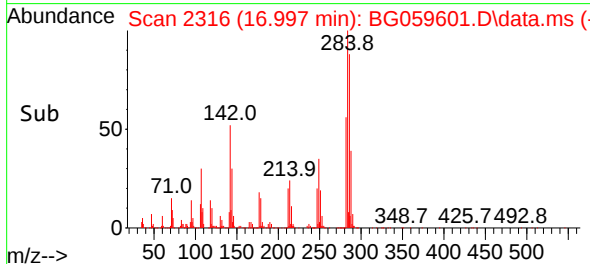
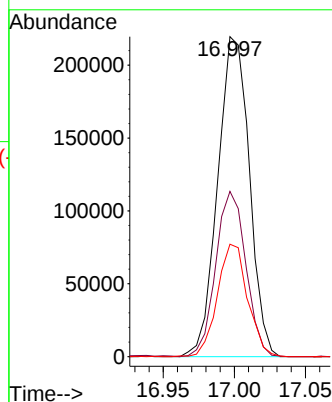
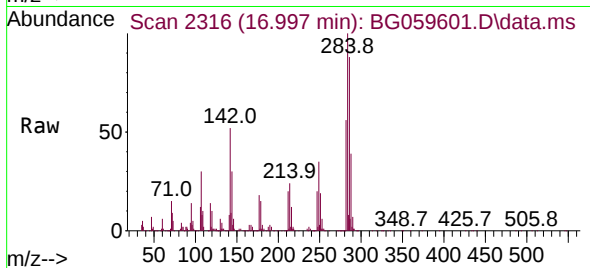
Ion	Ratio	Lower	Upper
284	100		
142	51.6	39.6	59.4
249	35.1	28.2	42.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#71

Pentachlorophenol

Concen: 68.679 ng/ul

RT: 17.355 min Scan# 2377

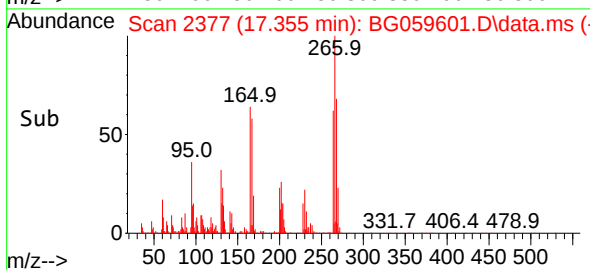
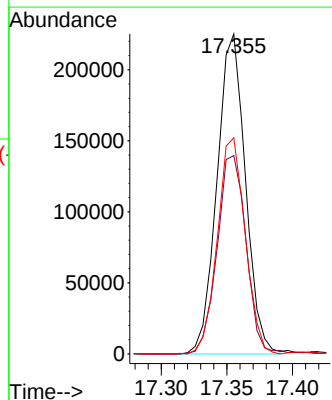
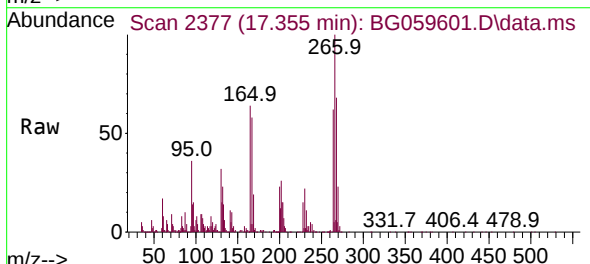
Delta R.T. -0.001 min

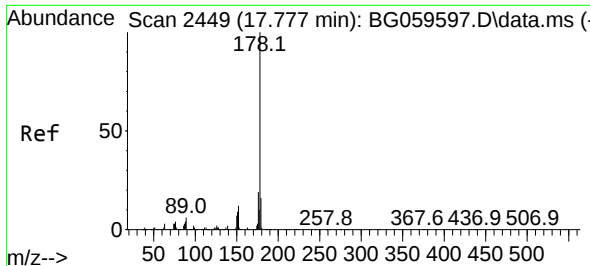
Lab File: BG059601.D

Acq: 2 Nov 2023 13:33

Tgt Ion:266 Resp: 338990

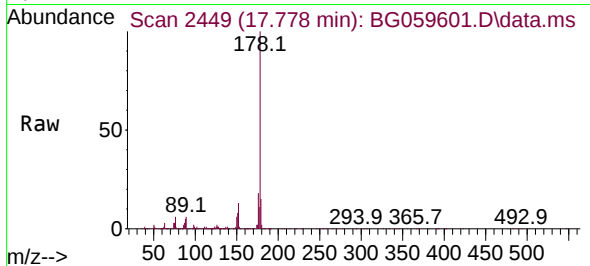
Ion	Ratio	Lower	Upper
266	100		
264	62.0	46.2	69.2
268	67.5	46.4	69.6





#72
Phenanthrene
Concen: 11.819 ng/ul
RT: 17.778 min Scan# 2449
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

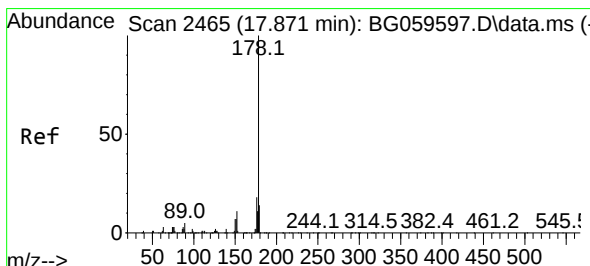
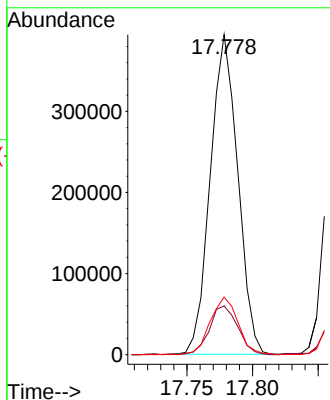
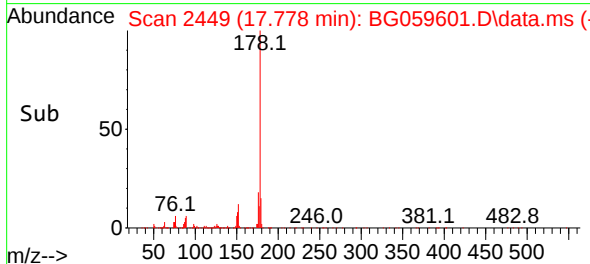
Instrument :
BNA_G
ClientSampleId :
A4A86



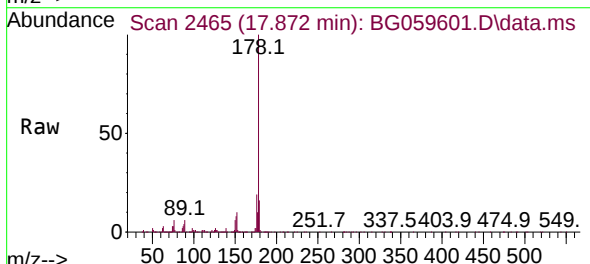
Tgt Ion:178 Resp: 574019
Ion Ratio Lower Upper
178 100
179 15.2 11.3 16.9
176 18.0 15.4 23.0

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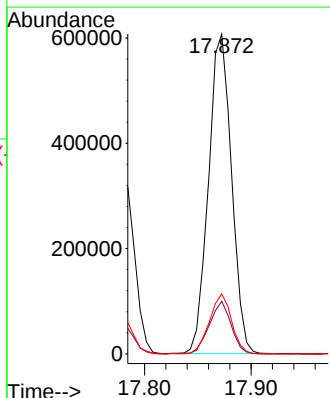
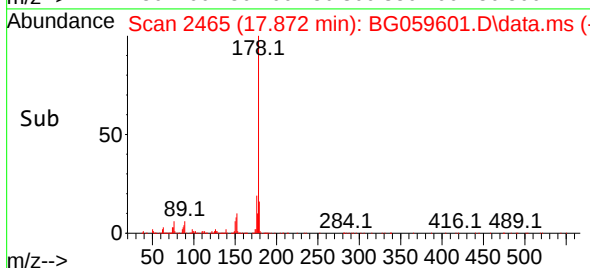
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

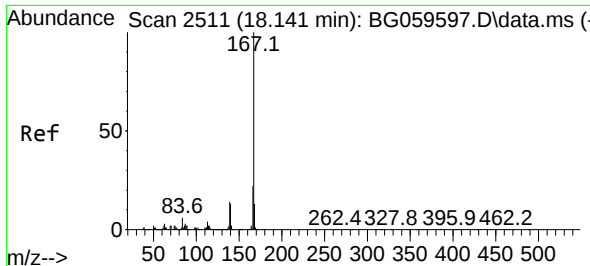


#74
Anthracene
Concen: 18.630 ng/ul
RT: 17.872 min Scan# 2465
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33



Tgt Ion:178 Resp: 913599
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 18.8 13.9 20.9





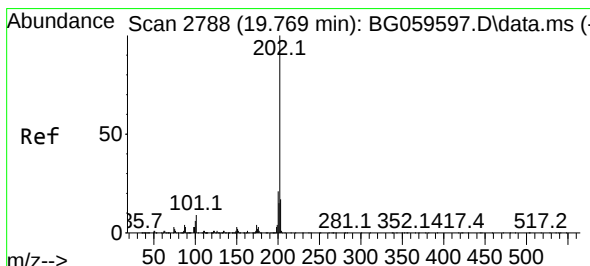
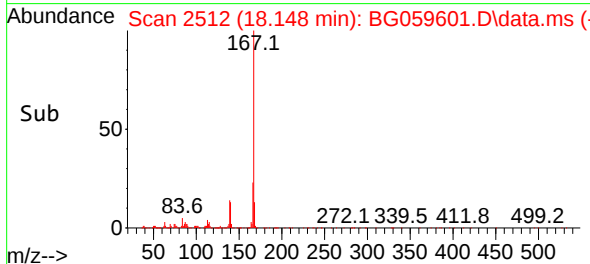
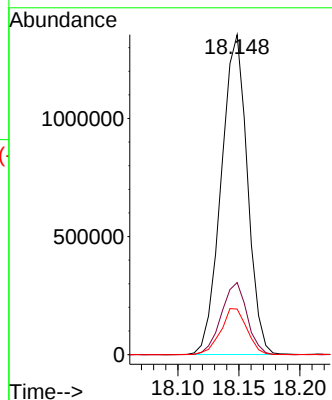
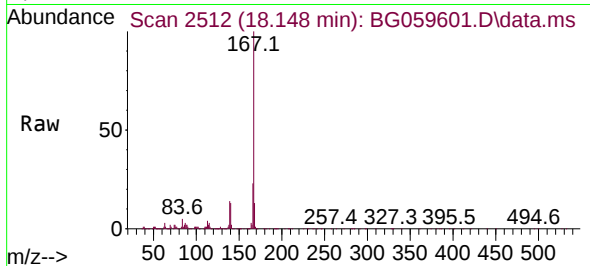
#77
Carbazole
Concen: 48.065 ng/ul
RT: 18.148 min Scan# 2511
Delta R.T. -0.001 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

Instrument :
BNA_G
ClientSampleId :
A4A86

Tgt Ion:167 Resp: 2024845
Ion Ratio Lower Upper
167 100
166 22.5 19.4 29.2
139 14.2 11.7 17.5

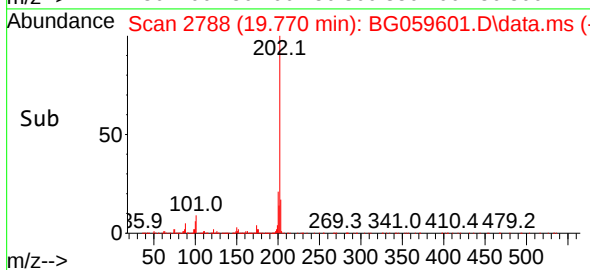
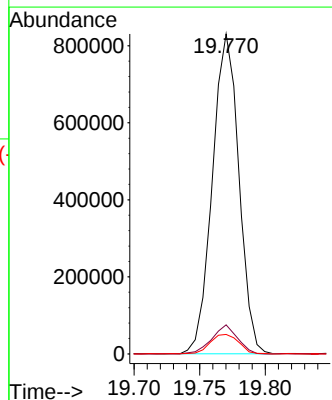
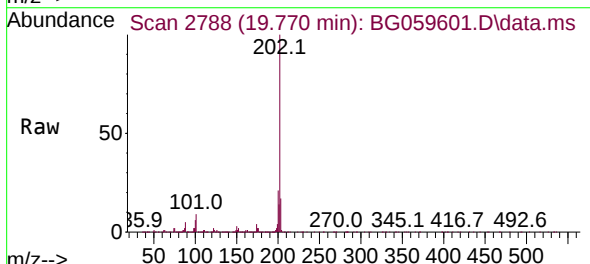
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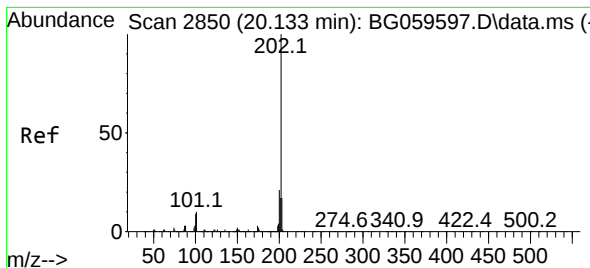
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#80
Fluoranthene
Concen: 23.637 ng/ul
RT: 19.770 min Scan# 2788
Delta R.T. -0.007 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

Tgt Ion:202 Resp: 1167607
Ion Ratio Lower Upper
202 100
101 9.1 7.0 10.6
100 6.1 5.2 7.8





#82

Pyrene

Concen: 22.344 ng/ul

RT: 20.134 min Scan# 2850

Delta R.T. -0.007 min

Lab File: BG059601.D

Acq: 2 Nov 2023 13:33

Instrument :

BNA_G

ClientSampleId :

A4A86

Tgt Ion:202 Resp: 1146504

Ion Ratio Lower Upper

202 100

101 10.3 7.9 11.9

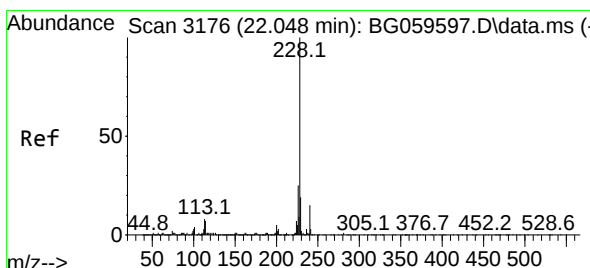
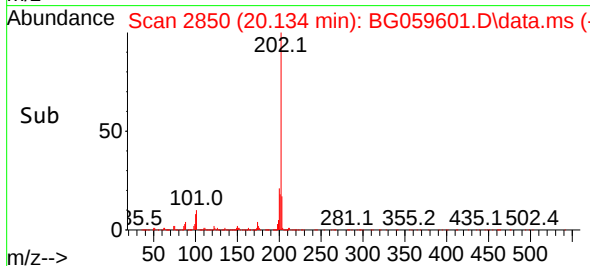
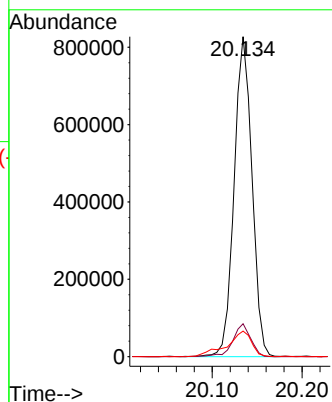
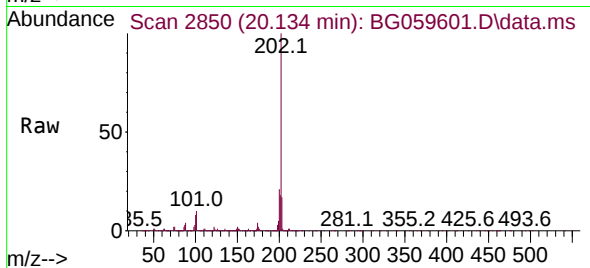
100 8.0 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#85

Benzo(a)anthracene

Concen: 30.806 ng/ul

RT: 22.050 min Scan# 3176

Delta R.T. -0.007 min

Lab File: BG059601.D

Acq: 2 Nov 2023 13:33

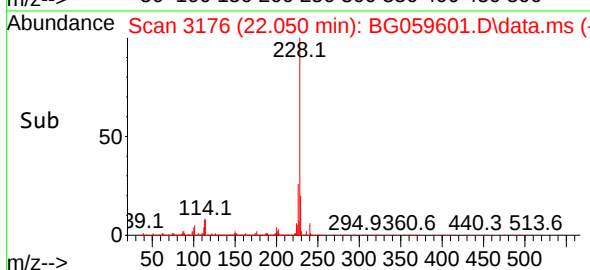
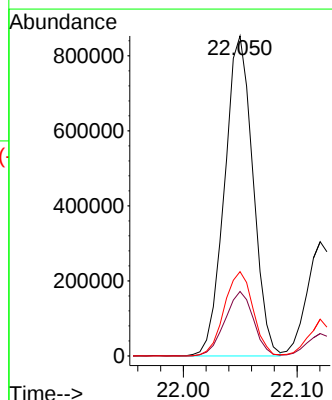
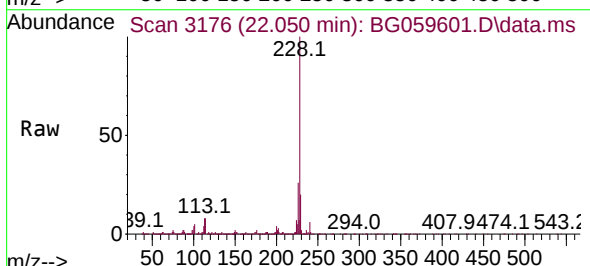
Tgt Ion:228 Resp: 1477992

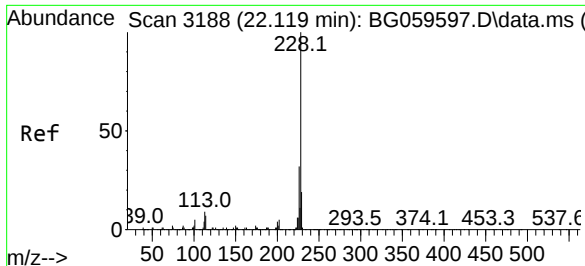
Ion Ratio Lower Upper

228 100

229 20.1 16.7 25.1

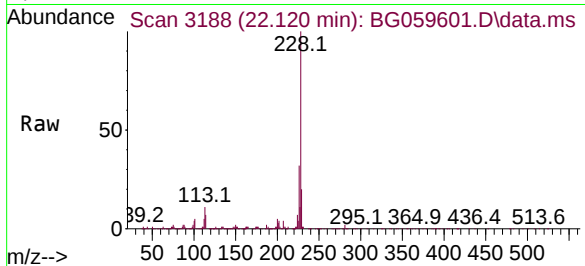
226 26.3 20.3 30.5





#87
Chrysene
Concen: 12.014 ng/ul m
RT: 22.120 min Scan# 3188
Delta R.T. -0.013 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

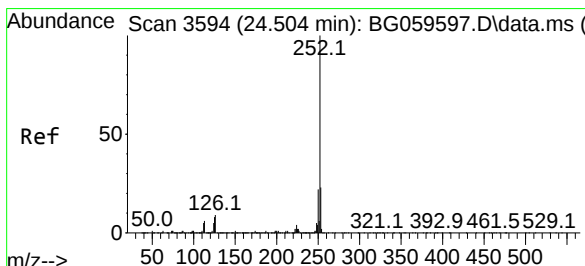
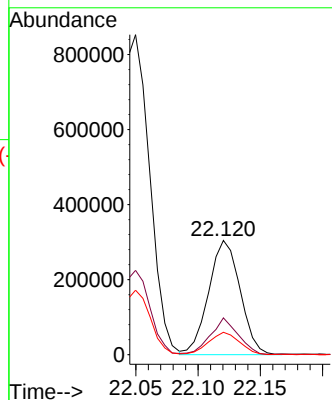
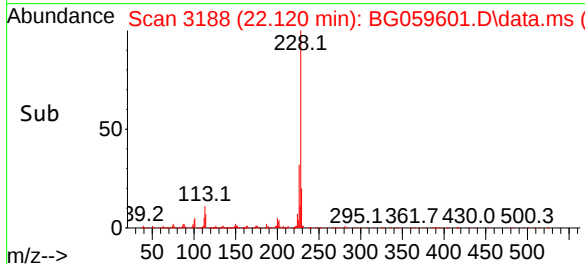
Instrument :
BNA_G
ClientSampleId :
A4A86



Tgt Ion:228 Resp: 536197
Ion Ratio Lower Upper
228 100
226 32.2 21.0 31.4
229 19.6 15.1 22.7

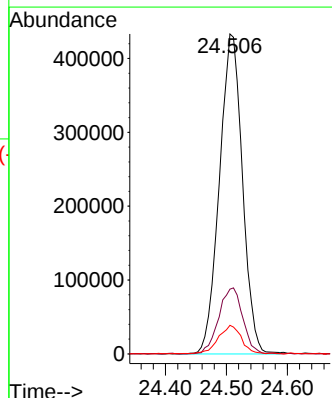
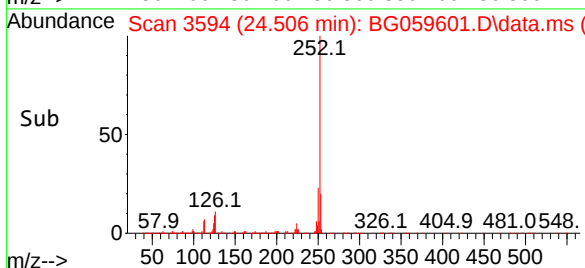
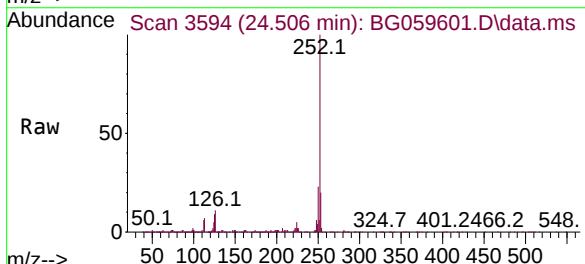
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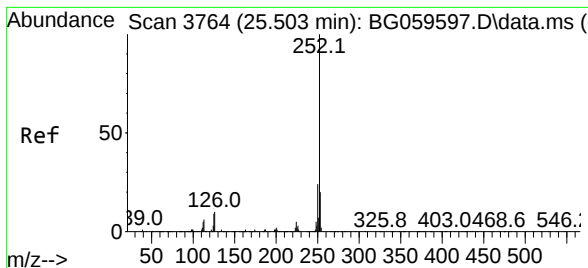
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#90
Benzo(b)fluoranthene
Concen: 25.800 ng/ul
RT: 24.506 min Scan# 3594
Delta R.T. -0.019 min
Lab File: BG059601.D
Acq: 2 Nov 2023 13:33

Tgt Ion:252 Resp: 1136595
Ion Ratio Lower Upper
252 100
253 20.2 17.8 26.8
125 8.9 8.6 13.0





#93

Benzo(a)pyrene

Concen: 15.344 ng/ul

RT: 25.499 min Scan# 3763

Delta R.T. -0.019 min

Lab File: BG059601.D

Acq: 2 Nov 2023 13:33

Instrument :

BNA_G

ClientSampleId :

A4A86

Tgt Ion:252 Resp: 638890

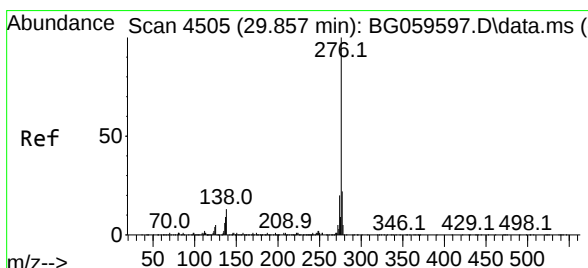
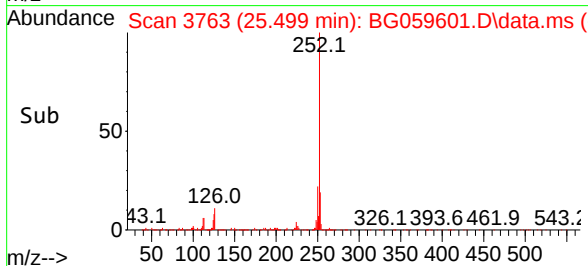
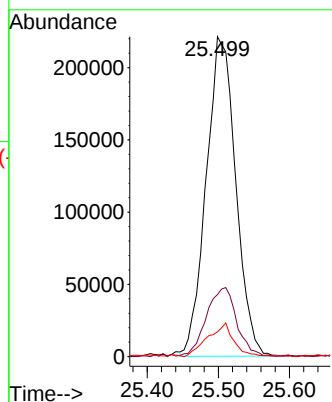
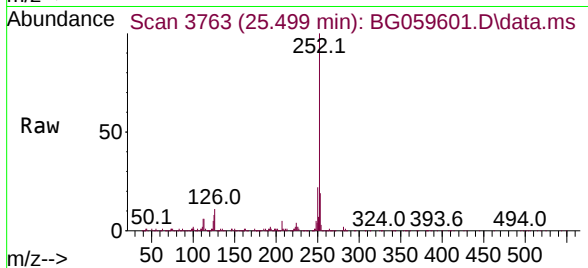
Ion	Ratio	Lower	Upper
252	100		
253	19.4	18.5	27.7
125	7.7	7.6	11.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/03/2023

Supervised By :mohammad ahmed 11/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.013 ng/ul m

RT: 29.870 min Scan# 4507

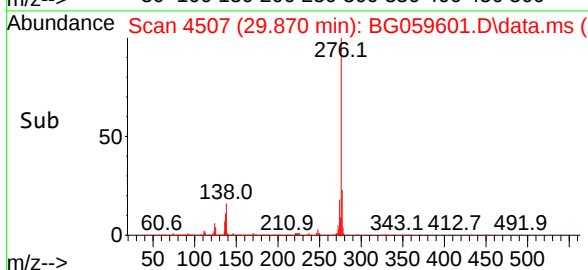
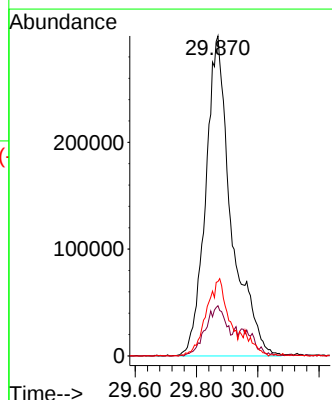
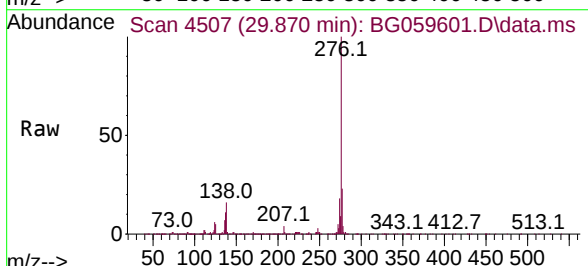
Delta R.T. -0.019 min

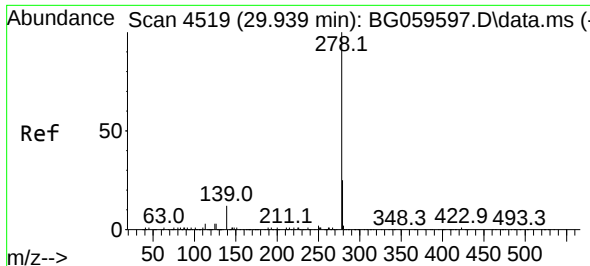
Lab File: BG059601.D

Acq: 2 Nov 2023 13:33

Tgt Ion:276 Resp: 1742270

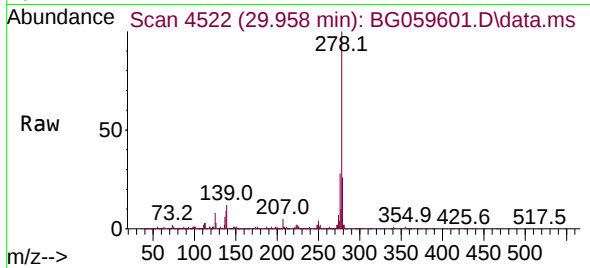
Ion	Ratio	Lower	Upper
276	100		
138	15.7	15.3	22.9
277	23.2	16.4	24.6





#95
 Dibenzo(a,h)anthracene
 Concen: 27.155 ng/ul
 RT: 29.958 min Scan# 4522
 Delta R.T. -0.025 min
 Lab File: BG059601.D
 Acq: 2 Nov 2023 13:33

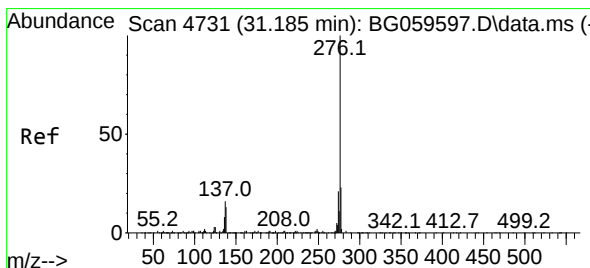
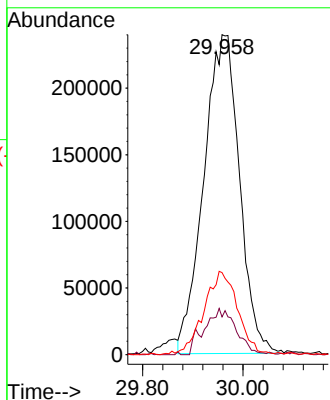
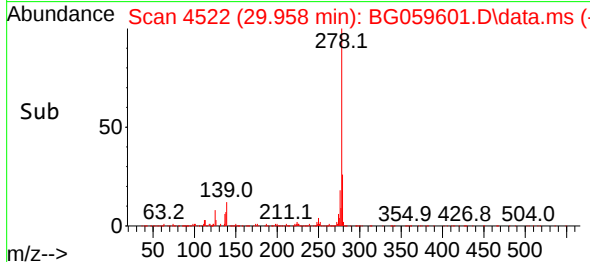
Instrument :
 BNA_G
 ClientSampleId :
 A4A86



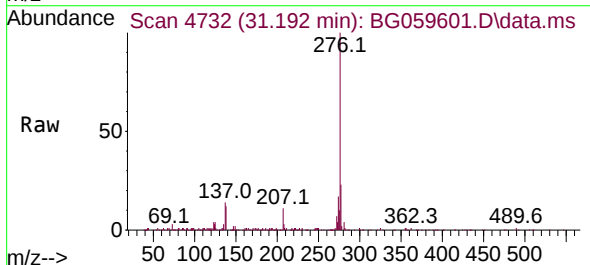
Tgt Ion:278 Resp: 118362
 Ion Ratio Lower Upper
 278 100
 139 11.8 11.0 16.6
 279 25.6 18.3 27.5

Manual Integrations
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Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



#96
 Benzo(g,h,i)perylene
 Concen: 15.336 ng/ul m
 RT: 31.192 min Scan# 4732
 Delta R.T. -0.025 min
 Lab File: BG059601.D
 Acq: 2 Nov 2023 13:33



Tgt Ion:276 Resp: 662419
 Ion Ratio Lower Upper
 276 100
 138 11.9 16.2 24.2#
 277 22.6 18.2 27.4

