

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060861.D
 Acq On : 11 Apr 2024 16:12
 Operator : MA/JU
 Sample : P2070-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 11 16:44:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	62333	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	244113	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	186023	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	460079	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	399415	20.000	ng	-0.02
86) Perylene-d12	24.724	264	471161	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	386524	103.301	ng	0.00
7) Phenol-d6	7.115	99	548347	98.727	ng	0.00
23) Nitrobenzene-d5	9.101	82	355370	83.068	ng	-0.01
42) 2,4,6-Tribromophenol	16.069	330	312787	148.124	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	829408	65.436	ng	-0.02
79) Terphenyl-d14	19.947	244	1534311	67.641	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	51257	33.412	ng	93
3) Pyridine	3.837	79	142697	30.838	ng	84
4) n-Nitrosodimethylamine	3.754	42	115630	41.804	ng	92
6) Aniline	7.274	93	151952	21.665	ng	97
8) 2-Chlorophenol	7.515	128	178228	42.015	ng	97
9) Benzaldehyde	7.086	77	17301m	5.649	ng	
10) Phenol	7.145	94	232075	40.942	ng	96
11) bis(2-Chloroethyl)ether	7.368	93	162159	35.433	ng	96
12) 1,3-Dichlorobenzene	7.838	146	183551	41.609	ng	97
13) 1,4-Dichlorobenzene	7.985	146	187205	41.596	ng	98
14) 1,2-Dichlorobenzene	8.302	146	182311	41.336	ng	98
15) Benzyl Alcohol	8.179	79	175714	39.056	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.467	45	409247	39.625	ng	99
17) 2-Methylphenol	8.390	107	156397	36.549	ng	96
18) Hexachloroethane	9.031	117	69372	43.401	ng	88
19) n-Nitroso-di-n-propyla...	8.754	70	146009	34.472	ng	98
20) 3+4-Methylphenols	8.713	107	221795	37.851	ng	96
22) Acetophenone	8.766	105	281316	41.794	ng	# 97
24) Nitrobenzene	9.148	77	207985	43.926	ng	98
25) Isophorone	9.671	82	385302	39.103	ng	98
26) 2-Nitrophenol	9.853	139	96353	55.885	ng	89
27) 2,4-Dimethylphenol	9.918	122	133098	33.626	ng	98
28) bis(2-Chloroethoxy)met...	10.153	93	227177	39.052	ng	99
29) 2,4-Dichlorophenol	10.394	162	179550	49.398	ng	100
30) 1,2,4-Trichlorobenzene	10.605	180	194781	47.325	ng	99
31) Naphthalene	10.793	128	544408	41.227	ng	99
32) Benzoic acid	10.065	122	140086	52.454	ng	95
33) 4-Chloroaniline	10.893	127	83891	13.678	ng	99
34) Hexachlorobutadiene	11.087	225	137209	50.022	ng	97
35) Caprolactam	11.669	113	64271m	44.646	ng	
36) 4-Chloro-3-methylphenol	12.027	107	214076	46.105	ng	98
37) 2-Methylnaphthalene	12.403	142	392059	40.384	ng	99
38) 1-Methylnaphthalene	12.621	142	361412	39.407	ng	99
40) 1,2,4,5-Tetrachloroben...	12.773	216	259689	48.558	ng	98
41) Hexachlorocyclopentadiene	12.756	237	284497	104.621	ng	99
43) 2,4,6-Trichlorophenol	13.008	196	177728	51.611	ng	97

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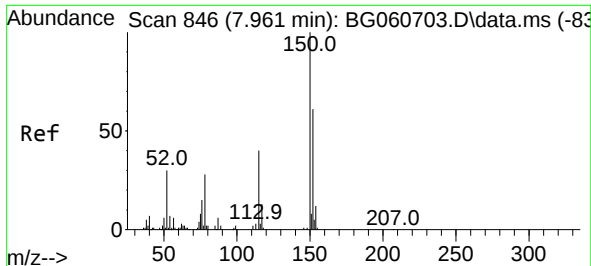
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 11 16:44:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	198019	48.185	ng	97
46) 1,1'-Biphenyl	13.414	154	548349	41.733	ng	99
47) 2-Chloronaphthalene	13.455	162	433500	43.424	ng	99
48) 2-Nitroaniline	13.649	65	170464	51.929	ng	97
49) Acenaphthylene	14.301	152	750387	44.735	ng	100
50) Dimethylphthalate	14.037	163	615983	41.894	ng	99
51) 2,6-Dinitrotoluene	14.148	165	128718	48.829	ng	97
52) Acenaphthene	14.642	154	520741m	49.445	ng	
53) 3-Nitroaniline	14.477	138	83751	30.129	ng	# 97
54) 2,4-Dinitrophenol	14.683	184	168315	164.459	ng	90
55) Dibenzofuran	14.977	168	701294	42.216	ng	98
56) 4-Nitrophenol	14.794	139	230146	107.071	ng	96
57) 2,4-Dinitrotoluene	14.935	165	188025	54.129	ng	96
58) Fluorene	15.629	166	575980	43.201	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.206	232	194590	54.333	ng	# 97
60) Diethylphthalate	15.406	149	607291	41.053	ng	98
61) 4-Chlorophenyl-phenyle...	15.623	204	313441	44.438	ng	96
62) 4-Nitroaniline	15.646	138	138194	51.407	ng	95
63) Azobenzene	15.917	77	593024	41.140	ng	96
65) 4,6-Dinitro-2-methylph...	15.705	198	117319	59.769	ng	96
66) n-Nitrosodiphenylamine	15.840	169	542352	41.252	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	221542	47.448	ng	98
68) Hexachlorobenzene	16.633	284	248718	47.187	ng	99
69) Atrazine	16.792	200	213595	46.458	ng	98
70) Pentachlorophenol	16.974	266	345558	100.474	ng	96
71) Phenanthrene	17.368	178	996934	41.664	ng	100
72) Anthracene	17.462	178	1017732	41.882	ng	99
73) Carbazole	17.726	167	885554	41.332	ng	99
74) Di-n-butylphthalate	18.302	149	1085193	40.627	ng	99
75) Fluoranthene	19.383	202	1202285	41.408	ng	97
77) Benzidine	19.559	184	399520	37.986	ng	98
78) Pyrene	19.742	202	1228485	43.978	ng	99
80) Butylbenzylphthalate	20.646	149	463786	45.514	ng	94
81) Benzo(a)anthracene	21.569	228	1231078	43.726	ng	99
82) 3,3'-Dichlorobenzidine	21.487	252	313754	33.004	ng	95
83) Chrysene	21.634	228	1157414	42.651	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	671236	41.328	ng	97
85) Di-n-octyl phthalate	22.697	149	1140489	43.104	ng	98
87) Indeno(1,2,3-cd)pyrene	28.285	276	1476270	44.494	ng	# 97
88) Benzo(b)fluoranthene	23.731	252	1188702	43.915	ng	98
89) Benzo(k)fluoranthene	23.802	252	1161678	41.930	ng	98
90) Benzo(a)pyrene	24.577	252	1113012	42.312	ng	97
91) Dibenzo(a,h)anthracene	28.343	278	1220175	43.625	ng	96
92) Benzo(g,h,i)perylene	29.383	276	1128802	41.488	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.950 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG060861.D
 Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

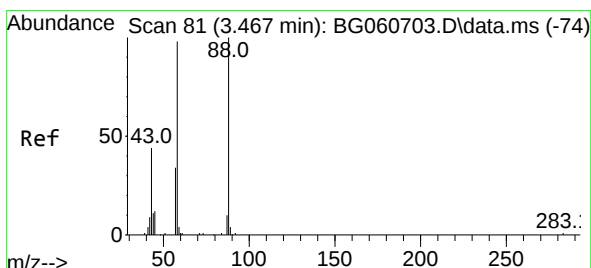
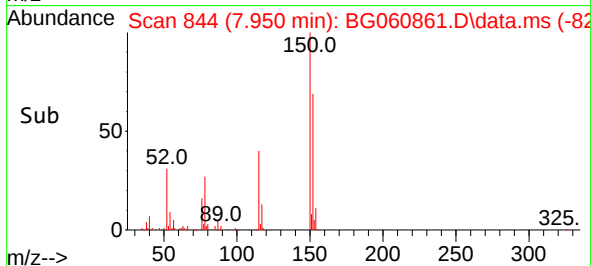
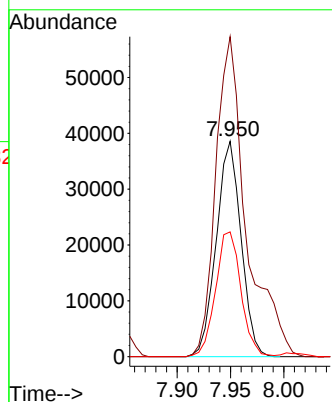
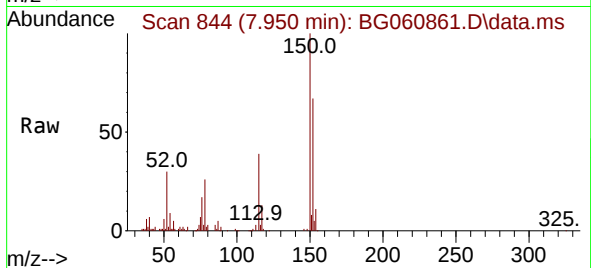
TP-5MS

Tgt Ion:152 Resp: 6233
 Ion Ratio Lower Upper
 152 100
 150 148.6 130.2 195.4
 115 58.0 51.6 77.4

Manual Integrations

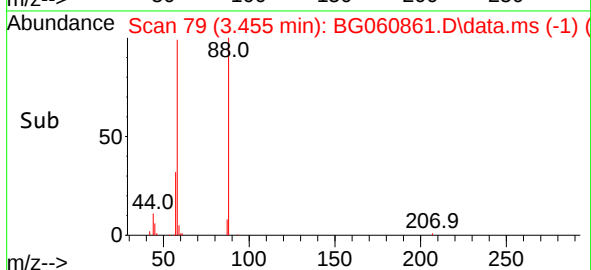
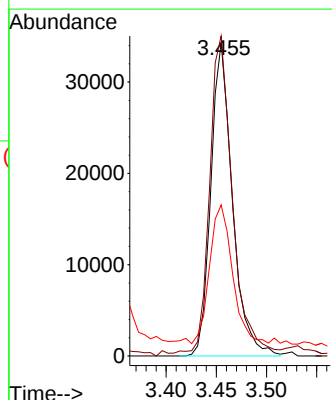
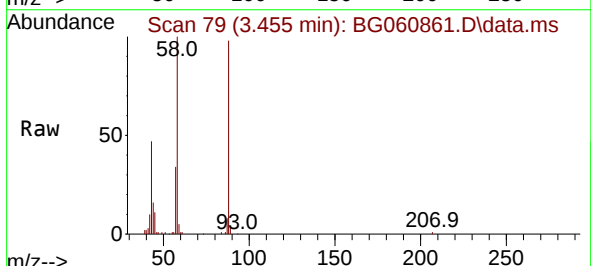
APPROVED

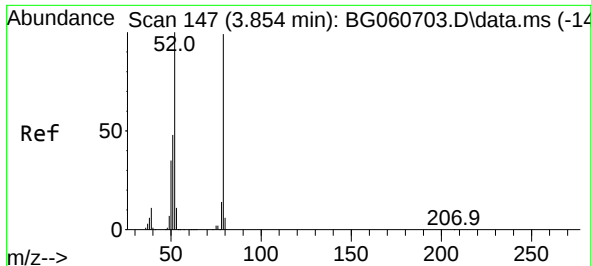
Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/17/2024



#2
 1,4-Dioxane
 Concen: 33.412 ng
 RT: 3.455 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BG060861.D
 Acq: 11 Apr 2024 16:12

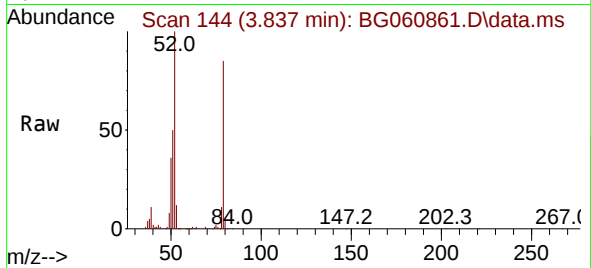
Tgt Ion: 88 Resp: 51257
 Ion Ratio Lower Upper
 88 100
 58 110.2 80.9 121.3
 43 46.8 35.4 53.0





#3
Pyridine
Concen: 30.838 ng
RT: 3.837 min Scan# 14
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

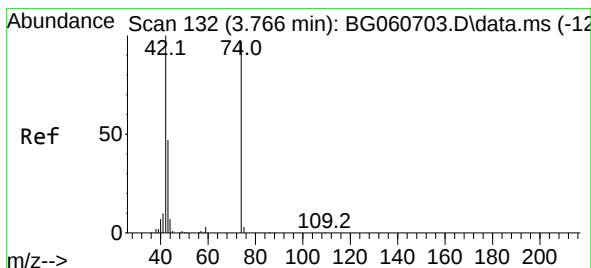
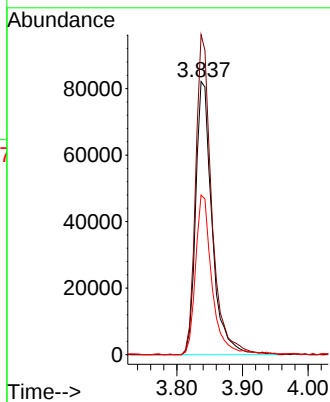
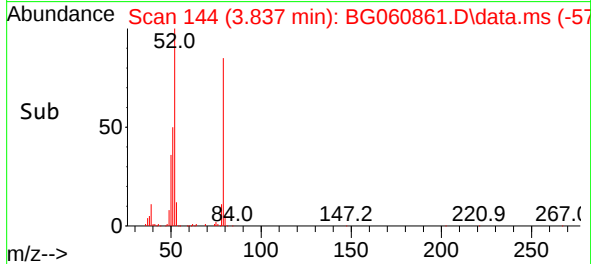
Instrument :
BNA_G
ClientSampleId :
TP-5MS



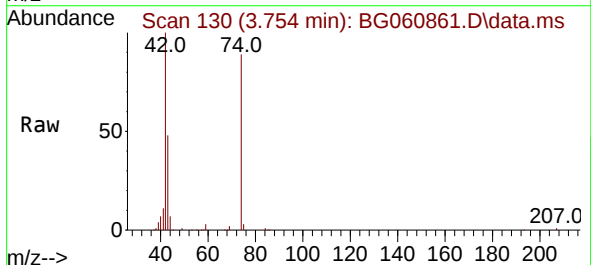
Tgt Ion: 79 Resp: 14269
Ion Ratio Lower Upper
79 100
52 117.2 80.6 120.8
51 58.5 39.1 58.7

Manual Integrations
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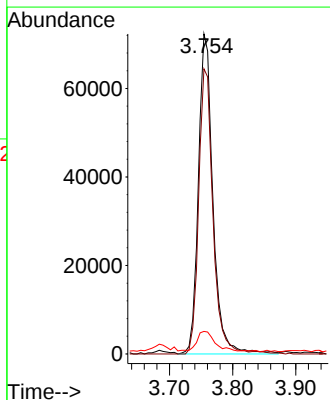
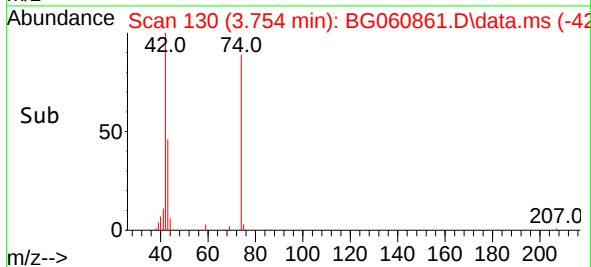
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#4
n-Nitrosodimethylamine
Concen: 41.804 ng
RT: 3.754 min Scan# 130
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



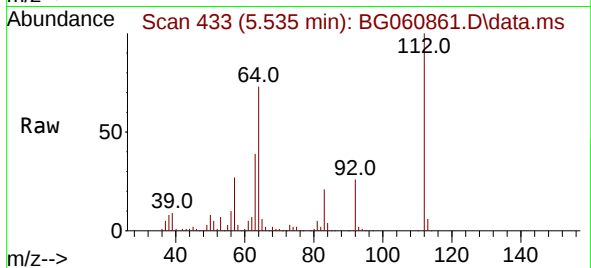
Tgt Ion: 42 Resp: 115630
Ion Ratio Lower Upper
42 100
74 89.1 77.8 116.8
44 7.1 6.8 10.2





#5
2-Fluorophenol
Concen: 103.301 ng
RT: 5.535 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

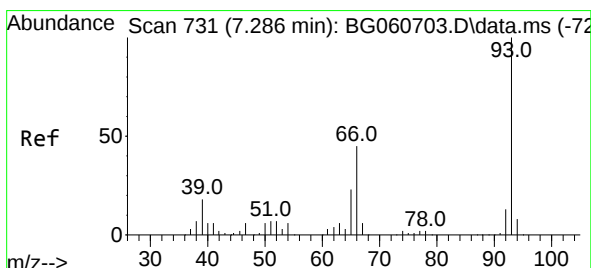
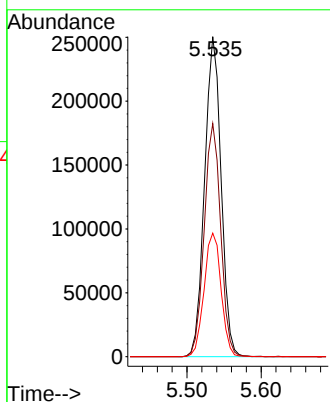
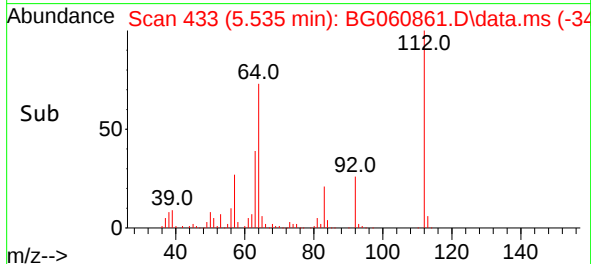
Instrument :
BNA_G
ClientSampleId :
TP-5MS



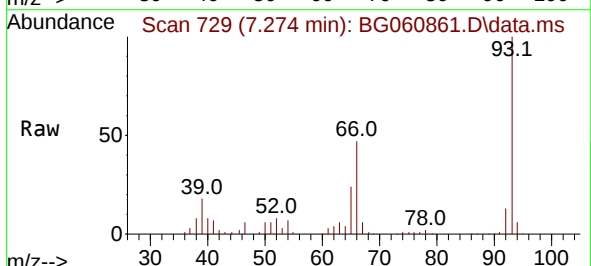
Tgt Ion:112 Resp: 386524
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 38.6 32.7 49.1

Manual Integrations
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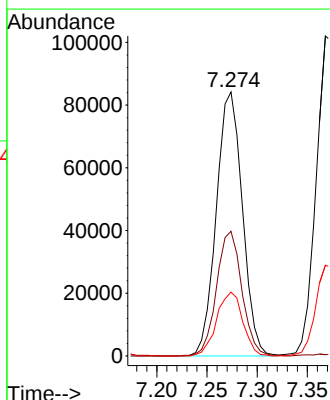
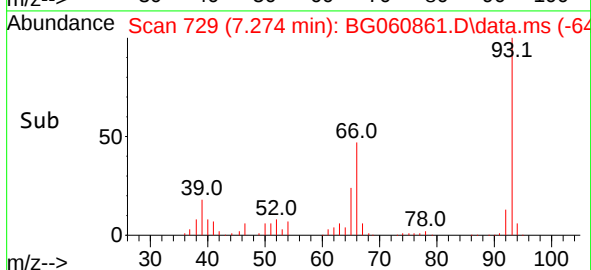
Reviewed By :Yogesh Patel 04/12/2024
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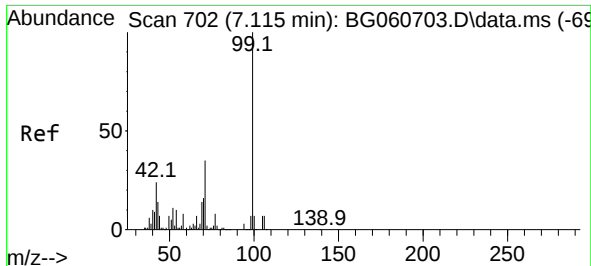


#6
Aniline
Concen: 21.665 ng
RT: 7.274 min Scan# 729
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



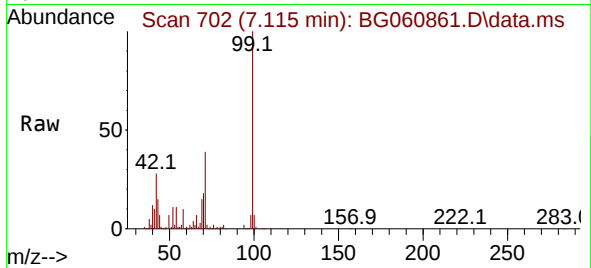
Tgt Ion: 93 Resp: 151952
Ion Ratio Lower Upper
93 100
66 47.2 36.1 54.1
65 24.2 18.1 27.1





#7
Phenol-d6
Concen: 98.727 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

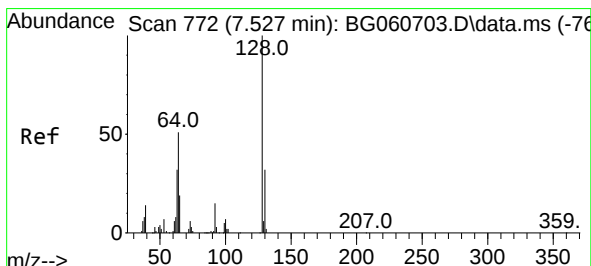
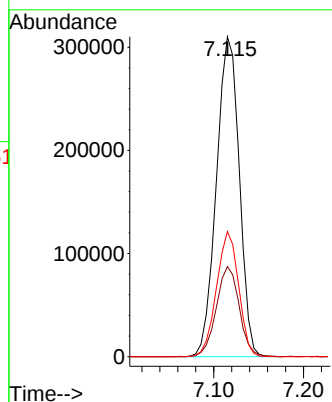
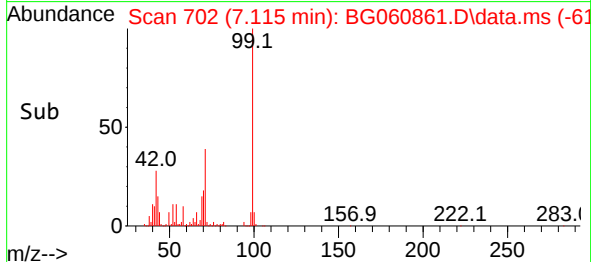
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ClientSampleId :
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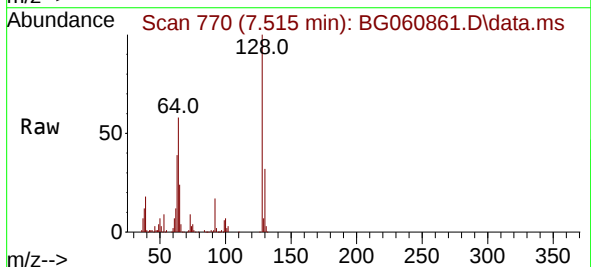
Tgt Ion: 99 Resp: 54834
Ion Ratio Lower Upper
99 100
42 28.2 19.4 29.2
71 39.1 28.2 42.2

Manual Integrations
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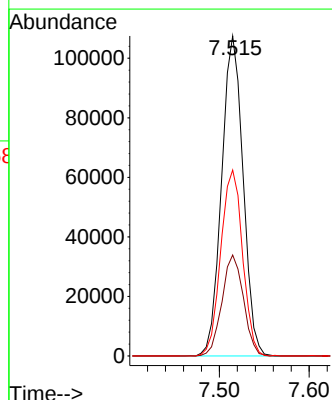
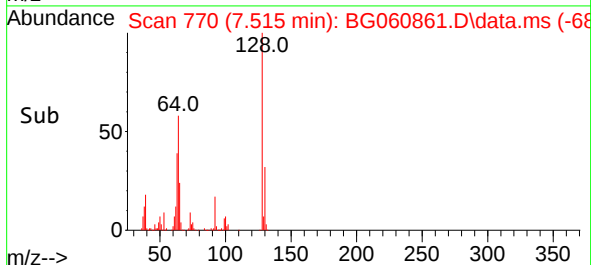
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#8
2-Chlorophenol
Concen: 42.015 ng
RT: 7.515 min Scan# 770
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



Tgt Ion:128 Resp: 178228
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 58.1 35.0 75.0





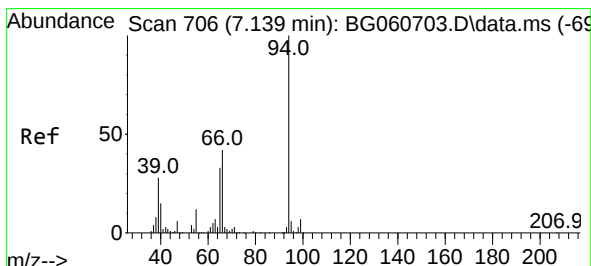
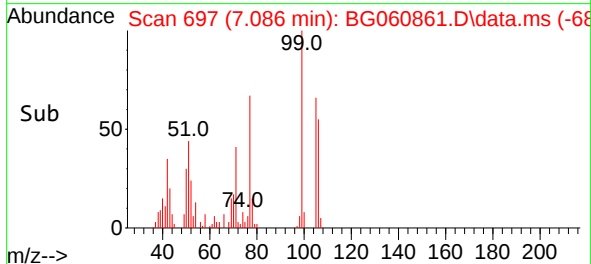
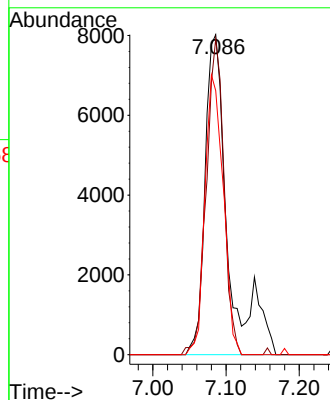
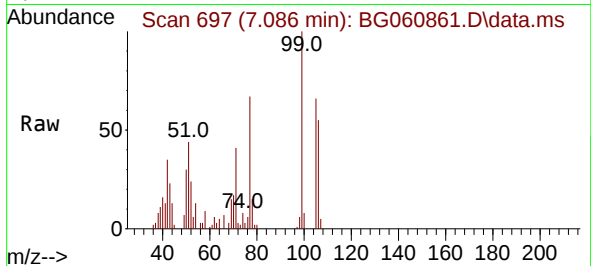
#9
Benzaldehyde
Concen: 5.649 ng m
RT: 7.086 min Scan# 699
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 77 Resp: 1730
Ion Ratio Lower Upper
77 100
105 98.7 76.0 116.0
106 82.5 70.3 110.3

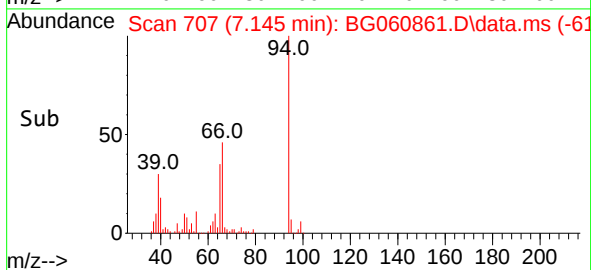
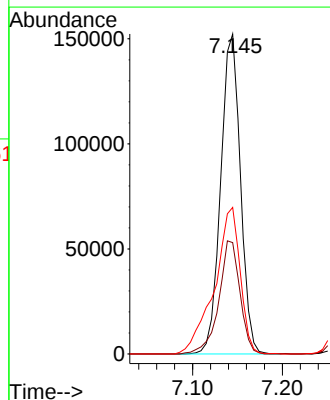
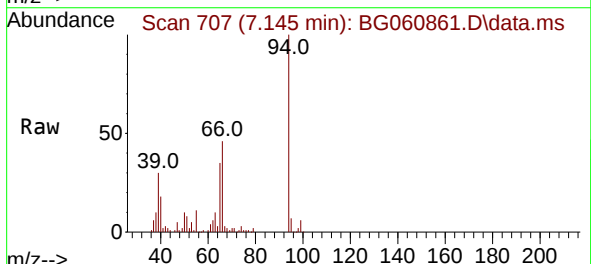
Manual Integrations
APPROVED

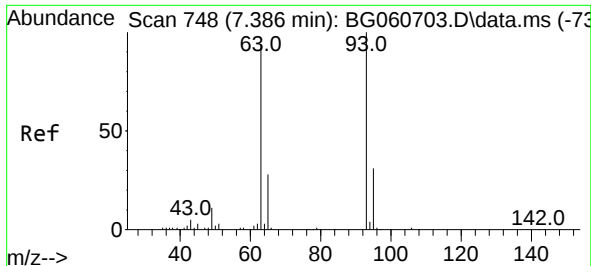
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#10
Phenol
Concen: 40.942 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

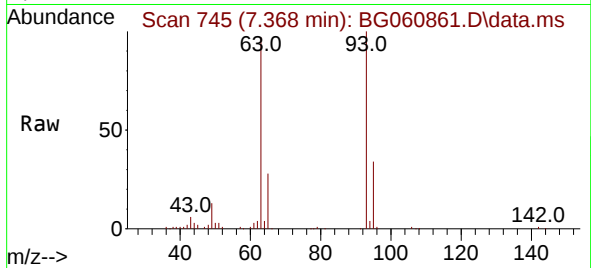
Tgt Ion: 94 Resp: 232075
Ion Ratio Lower Upper
94 100
65 34.8 13.3 53.3
66 45.8 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 35.433 ng
RT: 7.368 min Scan# 748
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

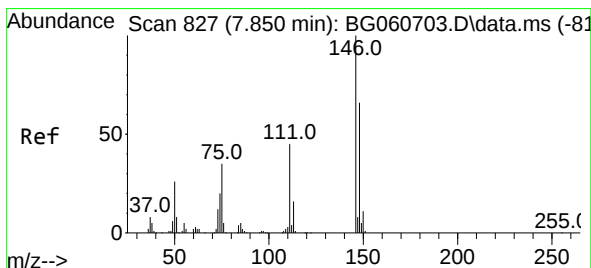
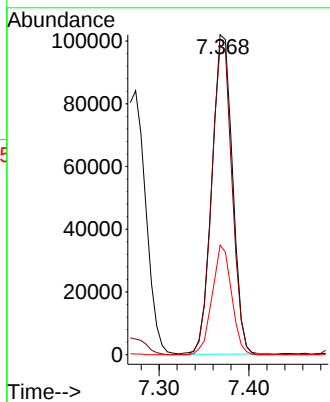
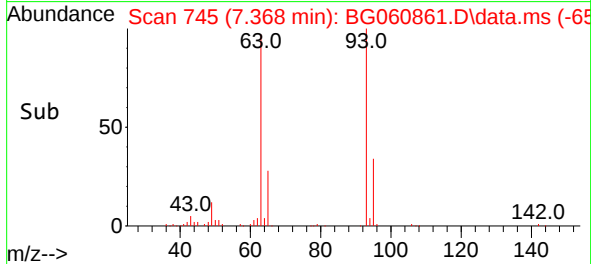
Instrument :
BNA_G
ClientSampleId :
TP-5MS



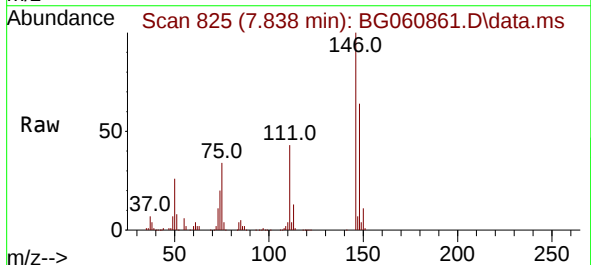
Tgt Ion: 93 Resp: 162159
Ion Ratio Lower Upper
93 100
63 96.7 73.7 113.7
95 34.3 11.2 51.2

Manual Integrations
APPROVED

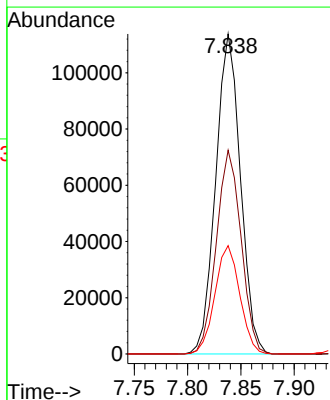
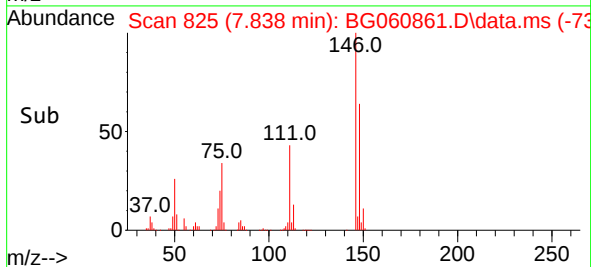
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

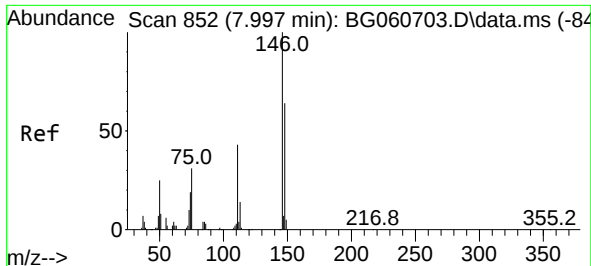


#12
1,3-Dichlorobenzene
Concen: 41.609 ng
RT: 7.838 min Scan# 825
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



Tgt Ion:146 Resp: 183551
Ion Ratio Lower Upper
146 100
148 63.7 53.0 79.4
75 33.8 28.1 42.1





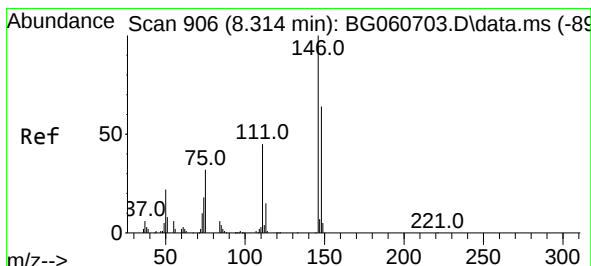
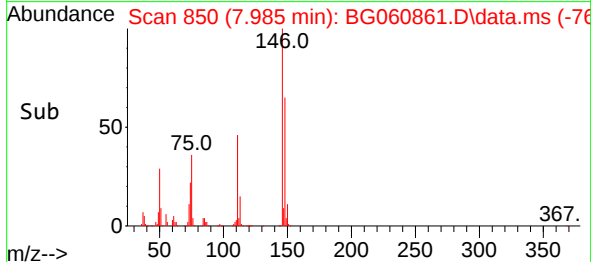
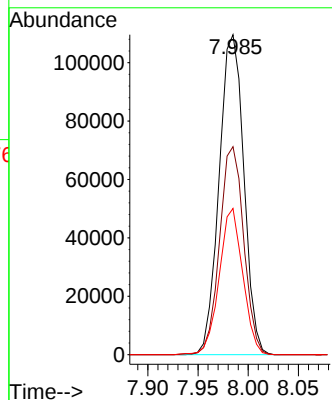
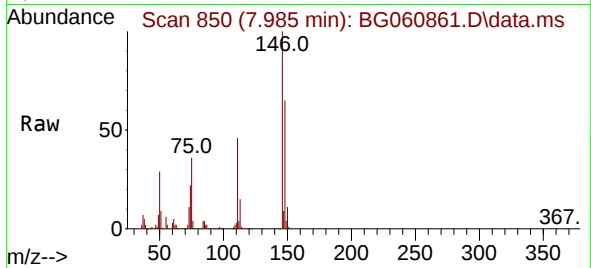
#13
1,4-Dichlorobenzene
Concen: 41.596 ng
RT: 7.985 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:146 Resp: 18720
Ion Ratio Lower Upper
146 100
148 65.0 51.1 76.7
111 45.7 35.0 52.6

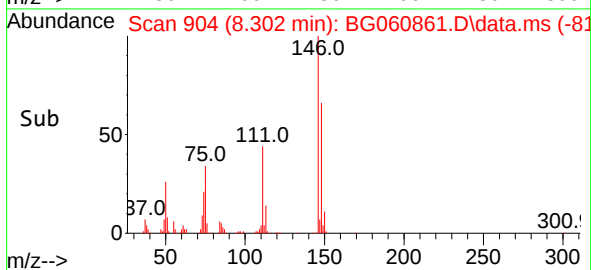
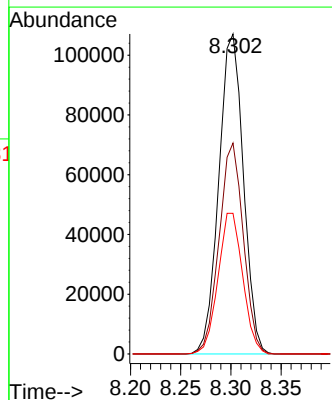
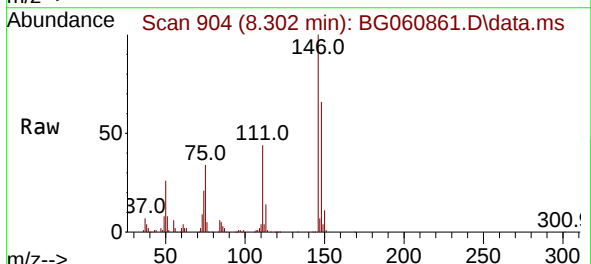
Manual Integrations
APPROVED

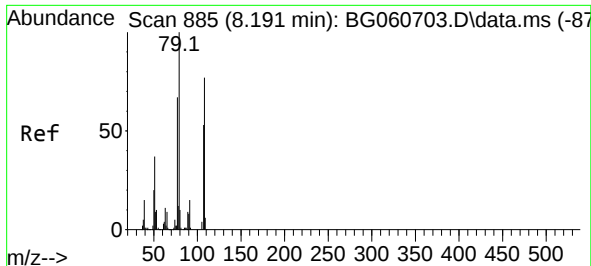
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#14
1,2-Dichlorobenzene
Concen: 41.336 ng
RT: 8.302 min Scan# 904
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

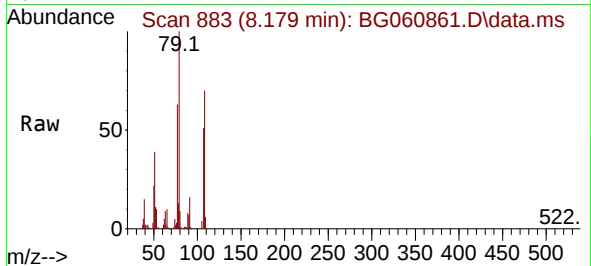
Tgt Ion:146 Resp: 182311
Ion Ratio Lower Upper
146 100
148 65.9 51.0 76.6
111 44.0 36.0 54.0





#15
Benzyl Alcohol
Concen: 39.056 ng
RT: 8.179 min Scan# 885
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

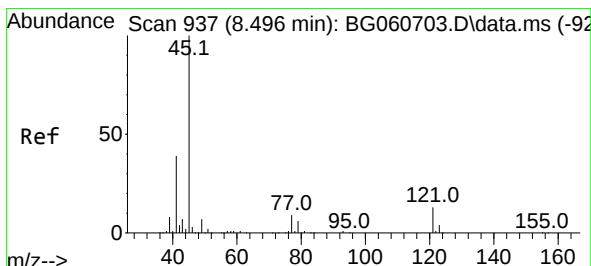
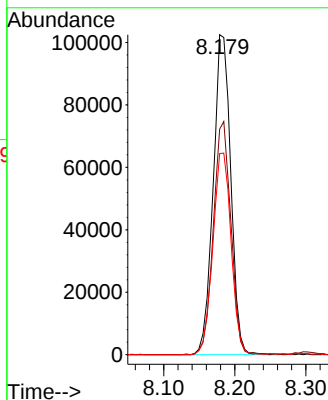
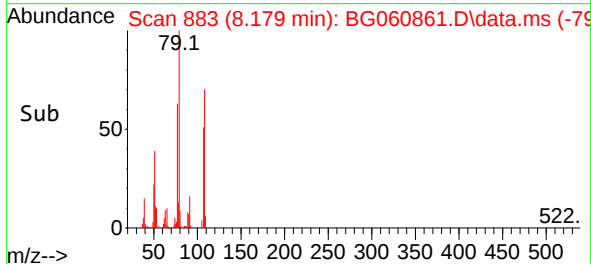
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion: 79 Resp: 175714
Ion Ratio Lower Upper
79 100
108 70.5 61.4 92.0
77 62.8 53.6 80.4

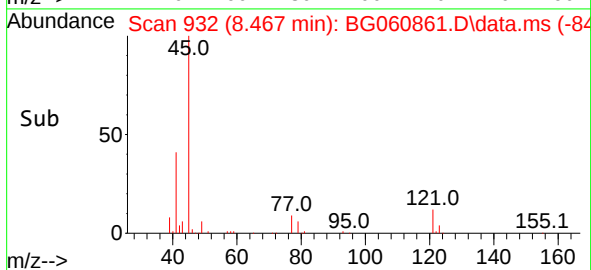
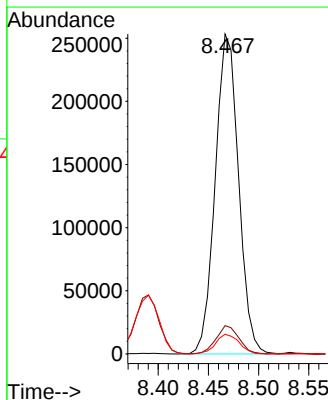
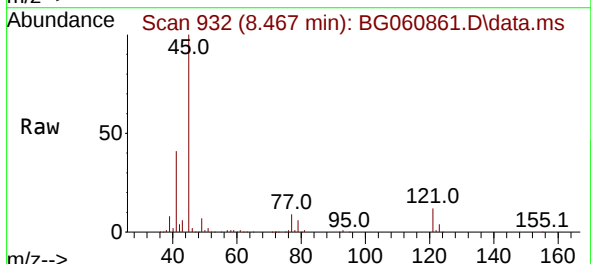
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.625 ng
RT: 8.467 min Scan# 932
Delta R.T. -0.030 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

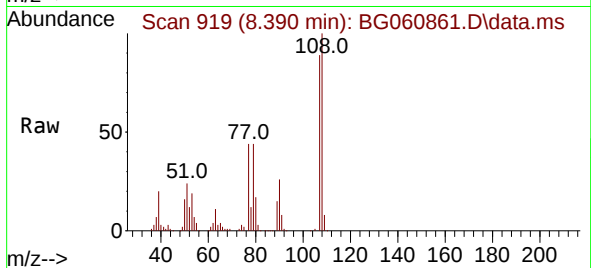
Tgt Ion: 45 Resp: 409247
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.1
79 6.2 0.0 26.5





#17
2-Methylphenol
Concen: 36.549 ng
RT: 8.390 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

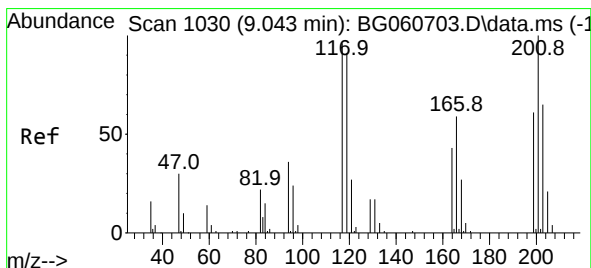
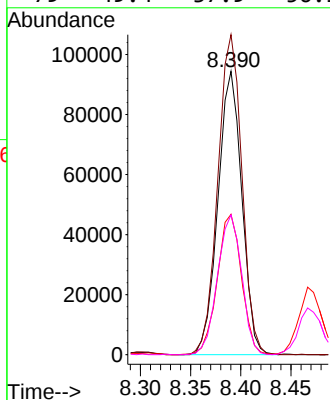
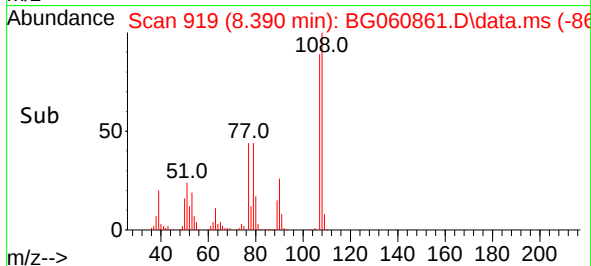
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:	107	Resp:	15639
Ion Ratio	Lower	Upper	
107	100		
108	113.0	86.4	129.6
77	49.5	38.6	58.0
79	49.4	37.9	56.9

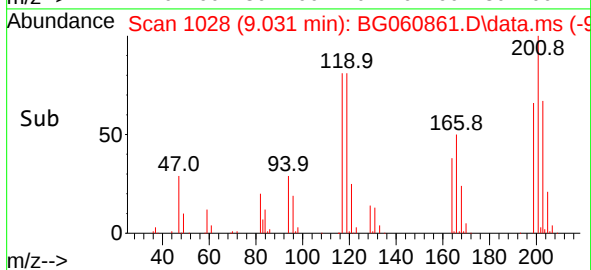
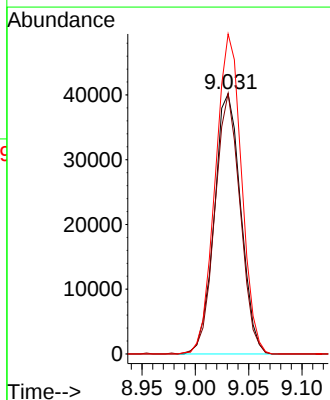
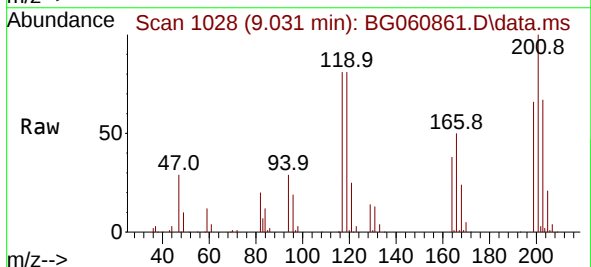
Manual Integrations
APPROVED

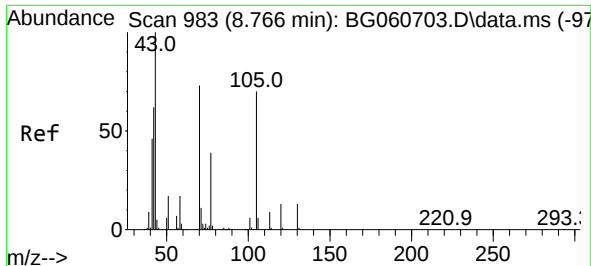
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#18
Hexachloroethane
Concen: 43.401 ng
RT: 9.031 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

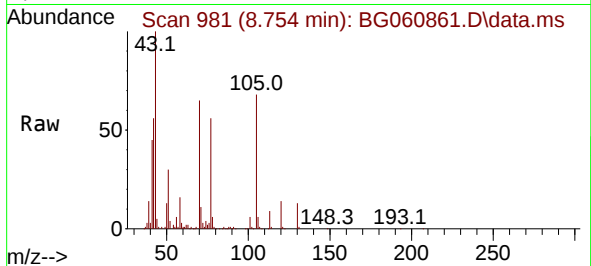
Tgt Ion:	117	Resp:	69372
Ion Ratio	Lower	Upper	
117	100		
119	100.2	75.7	113.5
201	123.0	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 34.472 ng
RT: 8.754 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

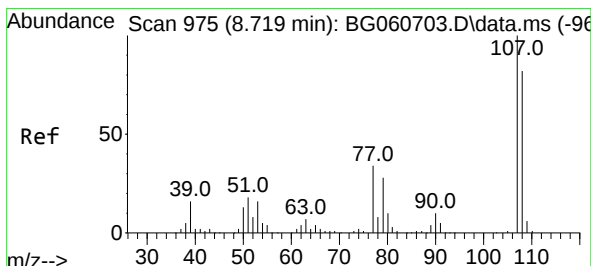
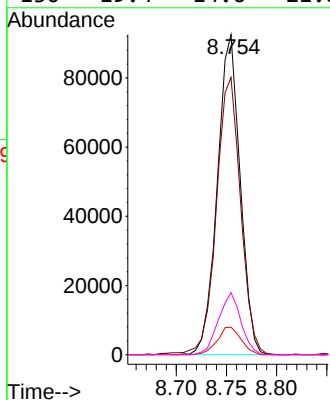
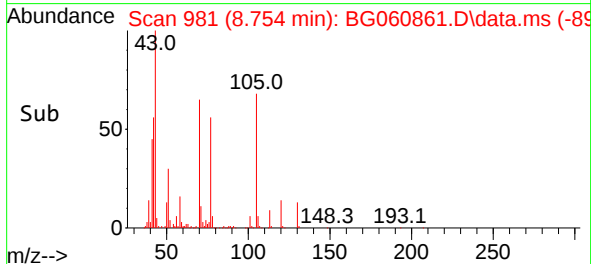
Instrument :
BNA_G
ClientSampleId :
TP-5MS



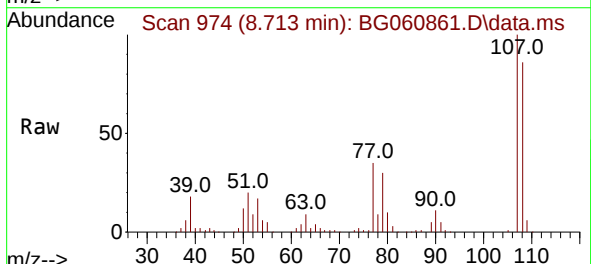
Tgt Ion: 70 Resp: 146009
Ion Ratio Lower Upper
70 100
42 86.6 68.4 102.6
101 8.6 6.1 9.1
130 19.4 14.6 21.8

Manual Integrations
APPROVED

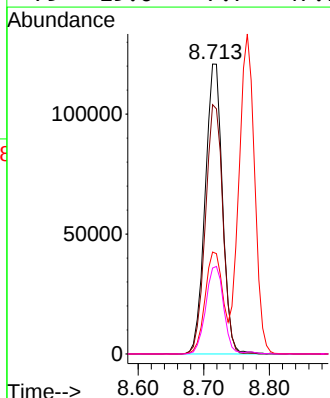
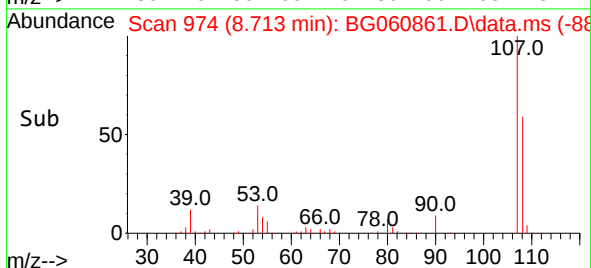
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

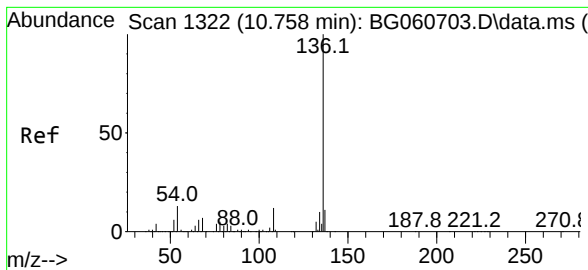


#20
3+4-Methylphenols
Concen: 37.851 ng
RT: 8.713 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



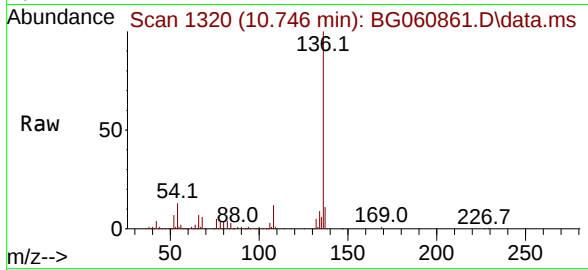
Tgt Ion:107 Resp: 221795
Ion Ratio Lower Upper
107 100
108 86.0 62.2 102.2
77 35.2 14.1 54.1
79 29.6 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

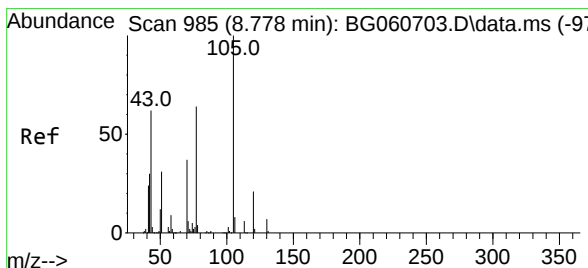
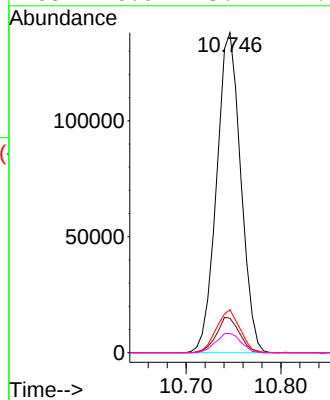
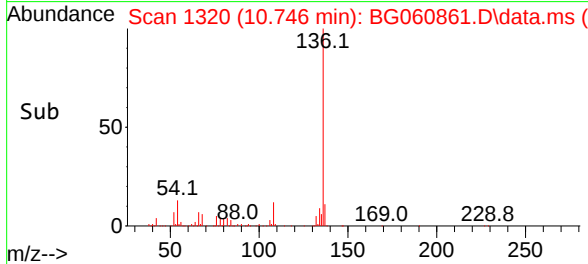
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:136 Resp: 244111
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 13.4 10.2 15.2
68 6.0 5.2 7.8

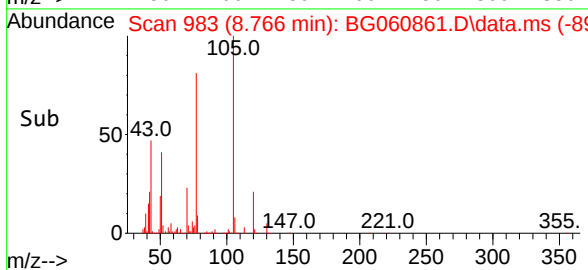
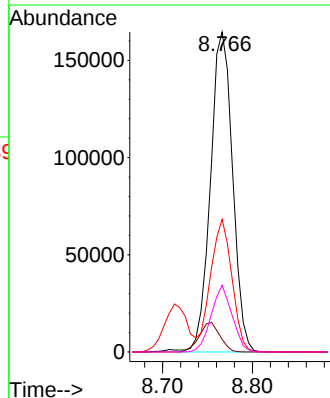
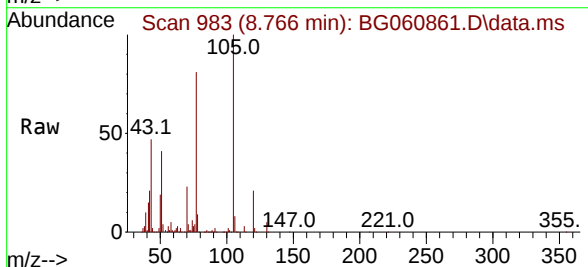
Manual Integrations
APPROVED

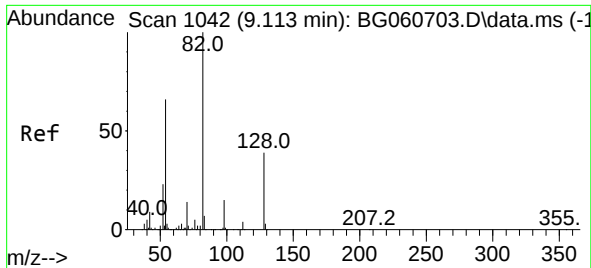
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#22
Acetophenone
Concen: 41.794 ng
RT: 8.766 min Scan# 983
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:105 Resp: 281316
Ion Ratio Lower Upper
105 100
71 3.9 4.9 7.3#
51 41.4 31.1 46.7
120 20.8 17.0 25.4





#23
Nitrobenzene-d5
Concen: 83.068 ng
RT: 9.101 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

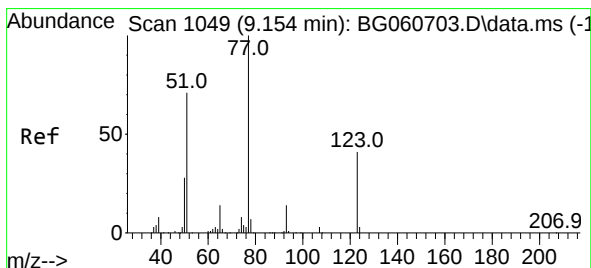
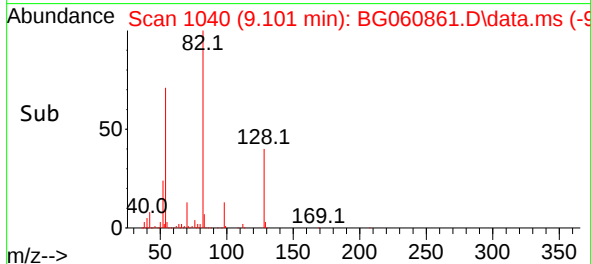
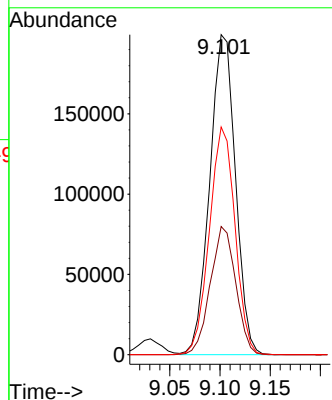
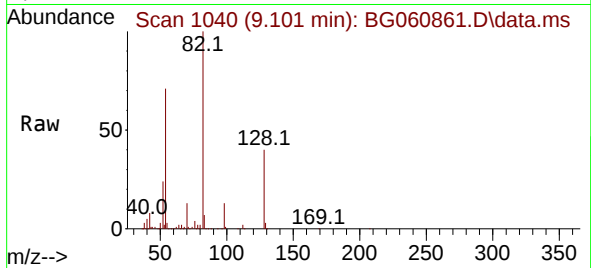
TP-5MS

Tgt Ion: 82 Resp: 355370
Ion Ratio Lower Upper
82 100
128 40.1 31.2 46.8
54 71.2 53.2 79.8

Manual Integrations

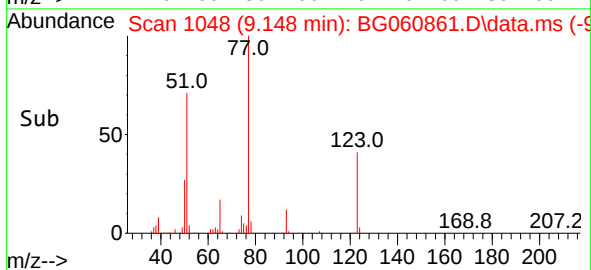
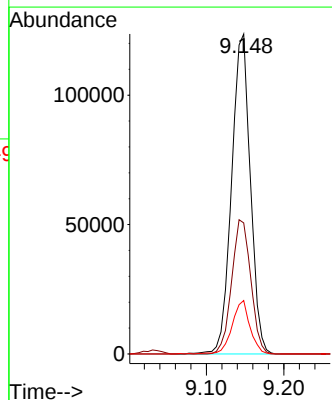
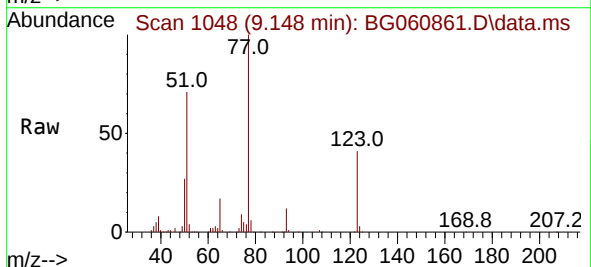
APPROVED

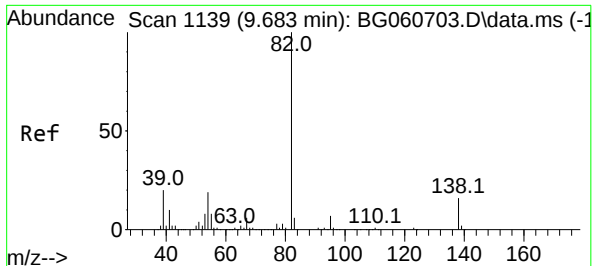
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#24
Nitrobenzene
Concen: 43.926 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion: 77 Resp: 207985
Ion Ratio Lower Upper
77 100
123 40.9 32.7 49.1
65 16.7 11.3 16.9





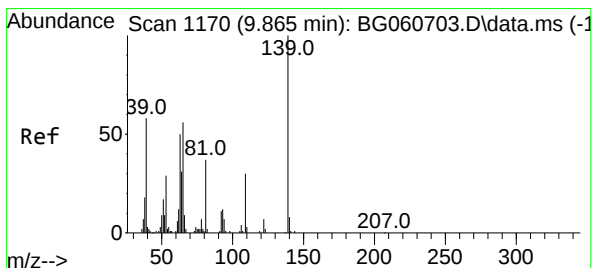
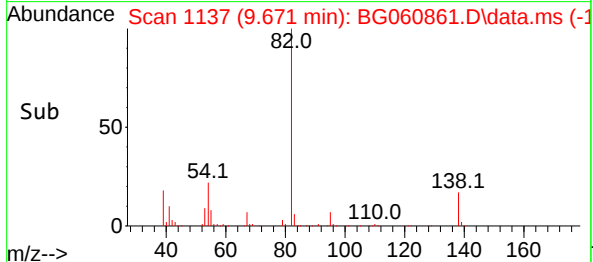
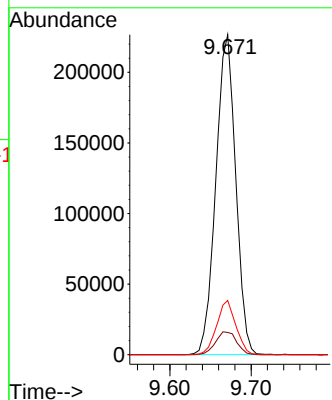
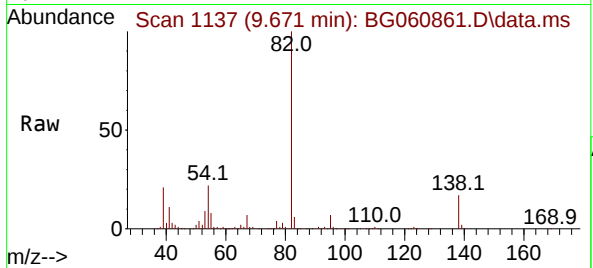
#25
Isophorone
Concen: 39.103 ng
RT: 9.671 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion: 82 Resp: 38530
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 17.0 13.0 19.4

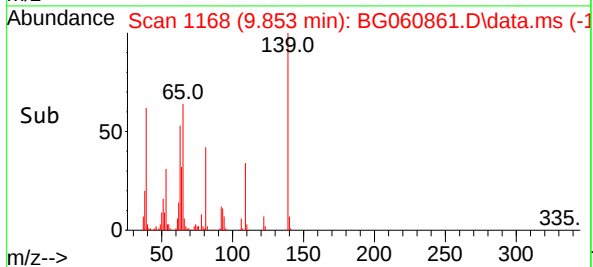
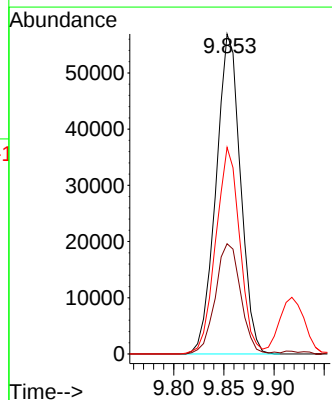
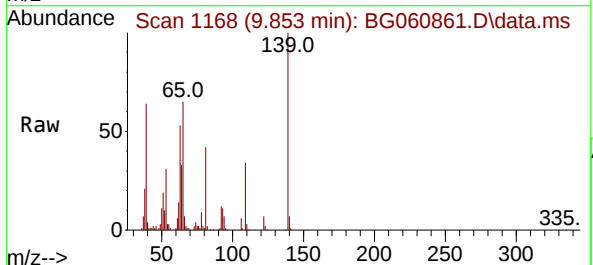
Manual Integrations
APPROVED

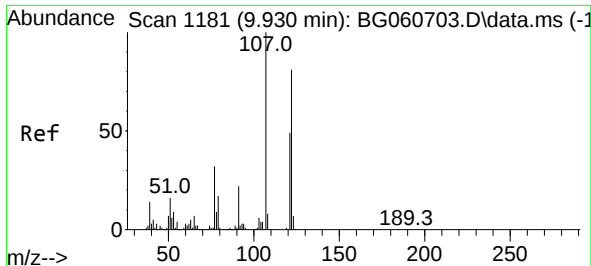
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#26
2-Nitrophenol
Concen: 55.885 ng
RT: 9.853 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:139 Resp: 96353
Ion Ratio Lower Upper
139 100
109 34.5 23.9 35.9
65 64.5 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 33.626 ng

RT: 9.918 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BG060861.D

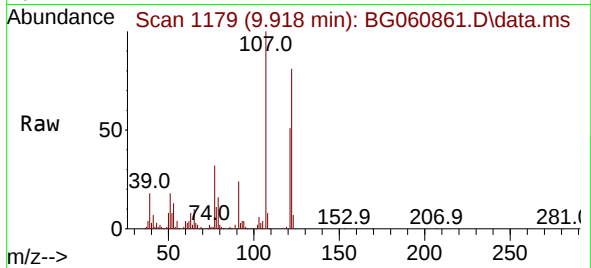
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS



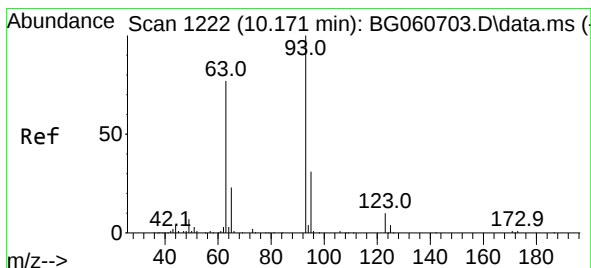
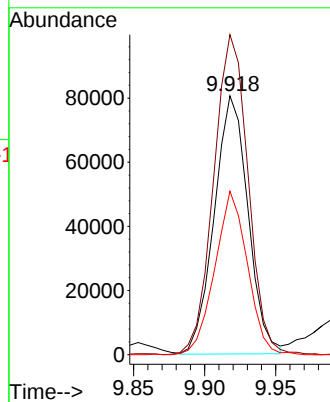
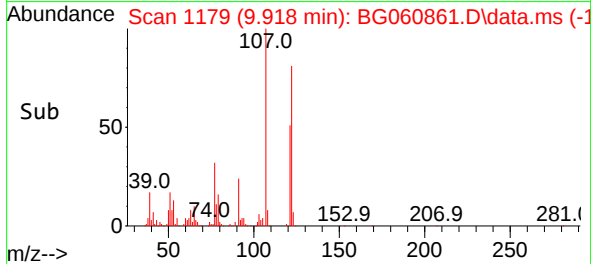
Tgt Ion:	122	Resp:	133098
Ion	Ratio	Lower	Upper
122	100		
107	123.6	98.6	147.8
121	63.1	48.1	72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.052 ng

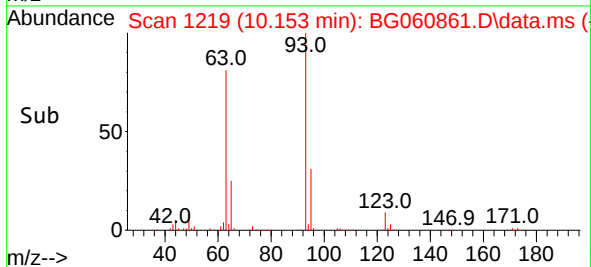
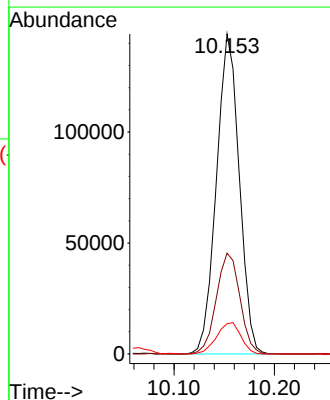
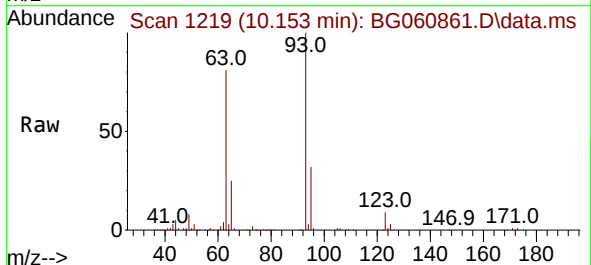
RT: 10.153 min Scan# 1219

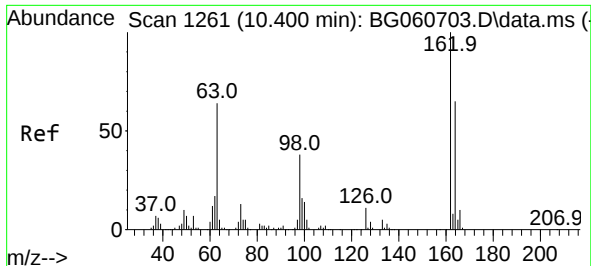
Delta R.T. -0.018 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

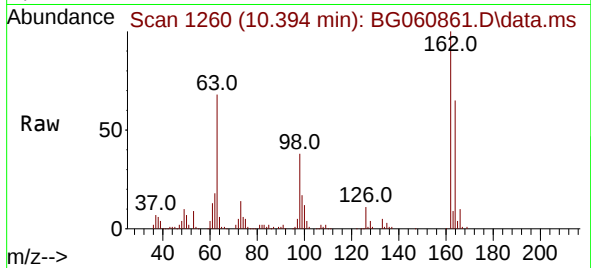
Tgt Ion:	93	Resp:	227177
Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.1	37.7
123	9.4	8.0	12.0





#29
2,4-Dichlorophenol
Concen: 49.398 ng
RT: 10.394 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

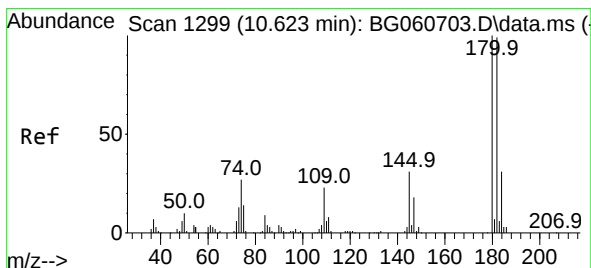
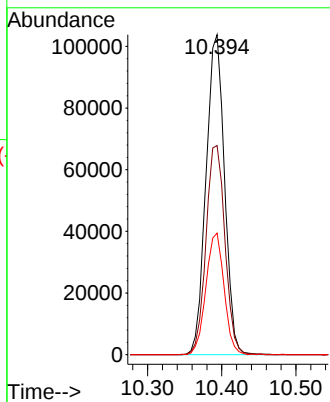
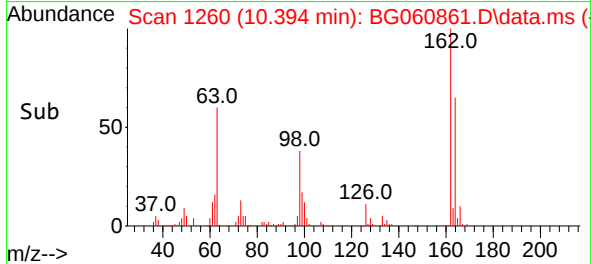
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:162 Resp: 179550
Ion Ratio Lower Upper
162 100
164 65.3 45.2 85.2
98 38.0 17.7 57.7

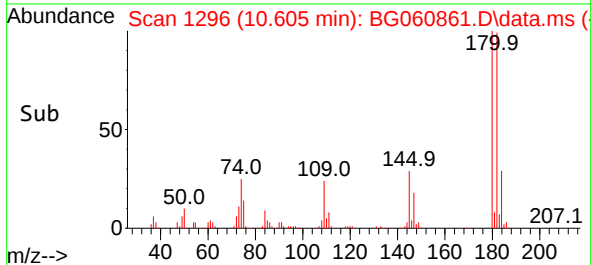
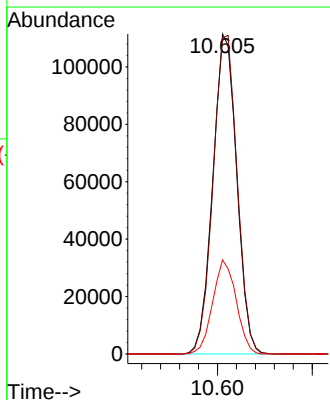
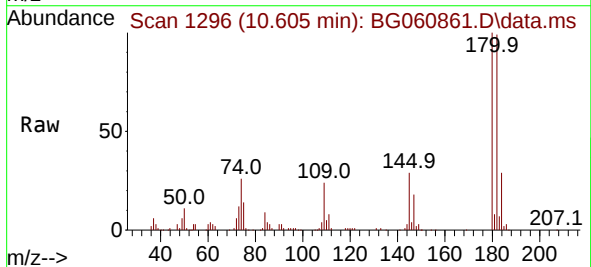
Manual Integrations
APPROVED

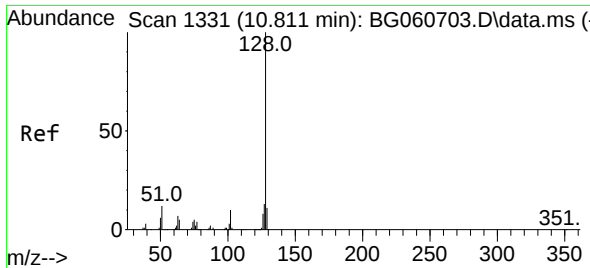
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.325 ng
RT: 10.605 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

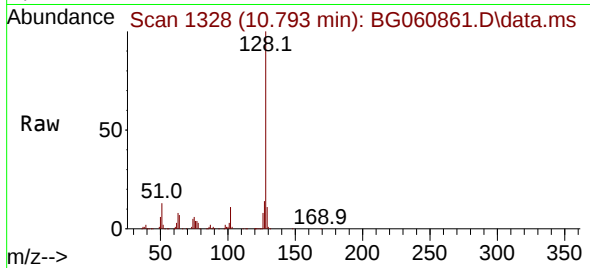
Tgt Ion:180 Resp: 194781
Ion Ratio Lower Upper
180 100
182 98.8 79.0 118.4
145 29.4 24.9 37.3





#31
Naphthalene
Concen: 41.227 ng
RT: 10.793 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

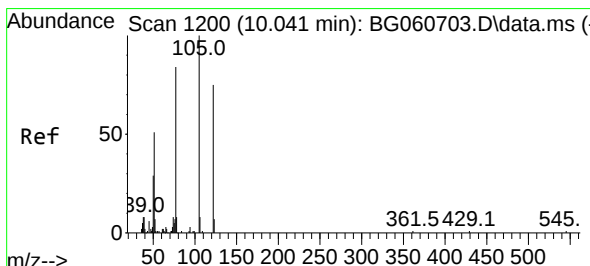
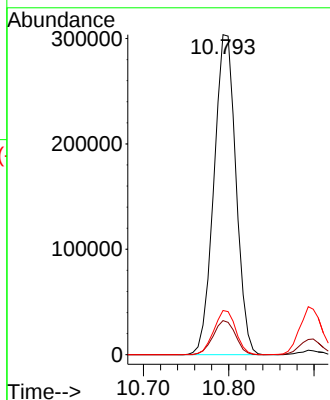
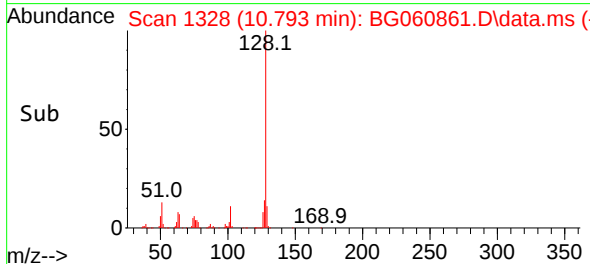
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:128 Resp: 544408
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.8 10.5 15.7

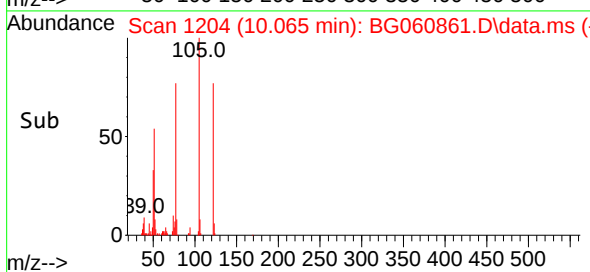
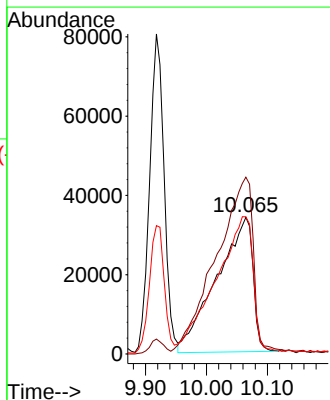
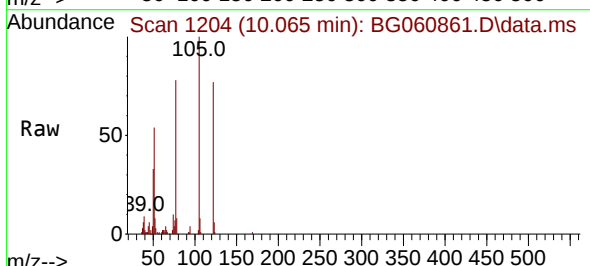
Manual Integrations
APPROVED

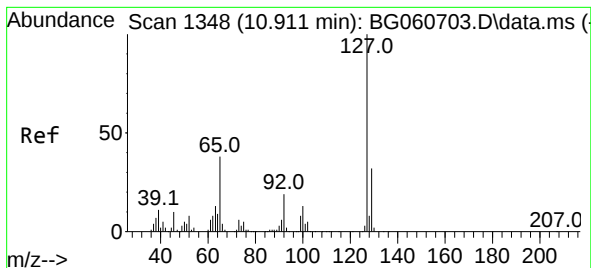
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#32
Benzoic acid
Concen: 52.454 ng
RT: 10.065 min Scan# 1204
Delta R.T. 0.024 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:122 Resp: 140086
Ion Ratio Lower Upper
122 100
105 129.3 104.5 144.5
77 100.3 85.3 125.3





#33
4-Chloroaniline
Concen: 13.678 ng
RT: 10.893 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS

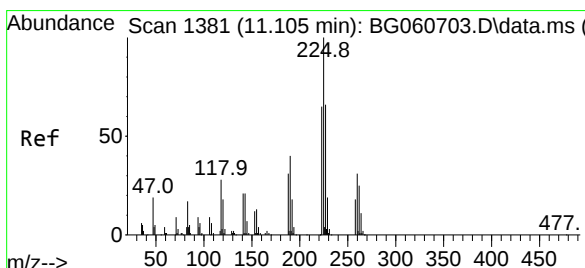
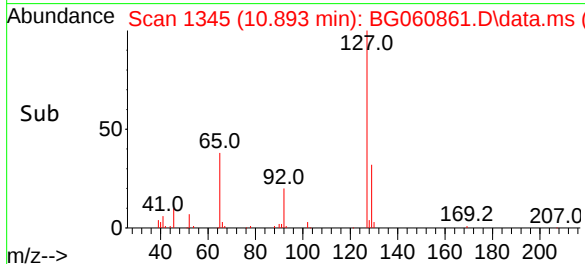
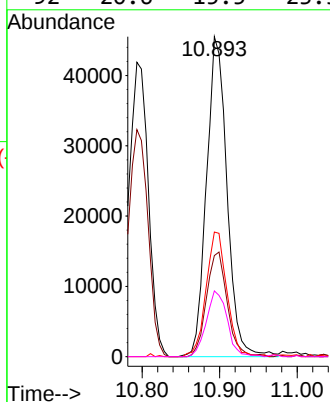
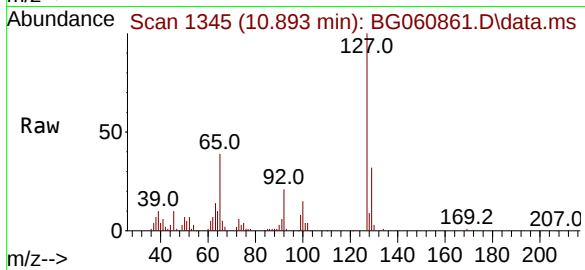
Tgt Ion:127 Resp: 8389
Ion Ratio Lower Upper
127 100
129 31.6 25.3 37.9
65 38.9 30.2 45.2
92 20.6 15.5 23.3

Manual Integrations

APPROVED

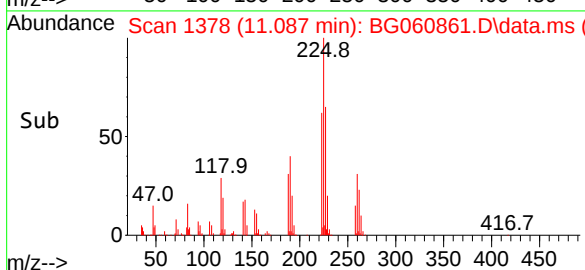
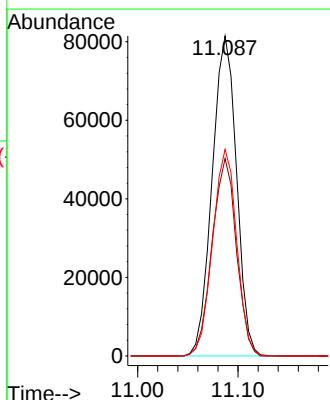
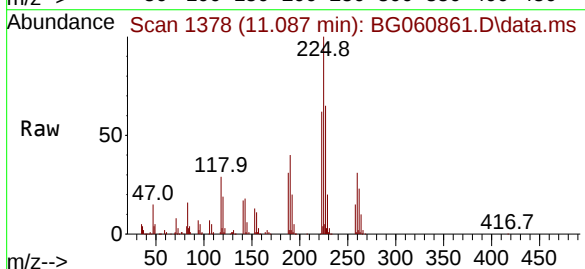
Reviewed By :Yogesh Patel 04/12/2024

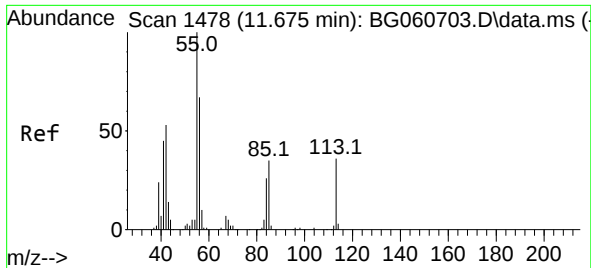
Supervised By :mohammad ahmed 04/17/2024



#34
Hexachlorobutadiene
Concen: 50.022 ng
RT: 11.087 min Scan# 1378
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

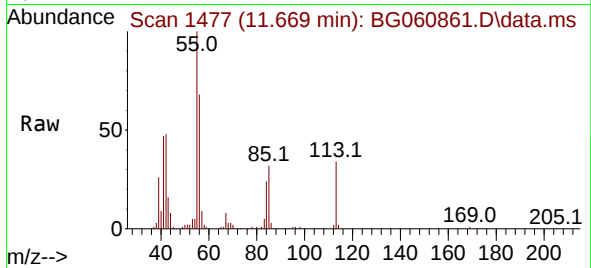
Tgt Ion:225 Resp: 137209
Ion Ratio Lower Upper
225 100
223 61.7 52.0 78.0
227 64.5 52.5 78.7





#35
Caprolactam
Concen: 44.646 ng m
RT: 11.669 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

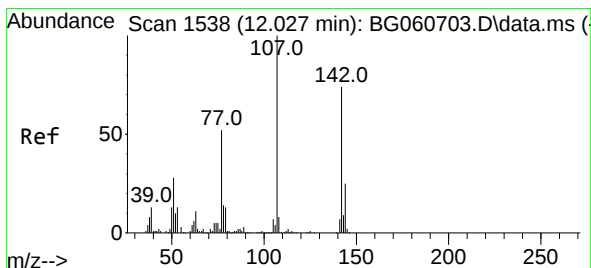
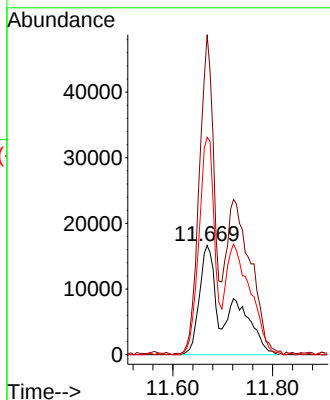
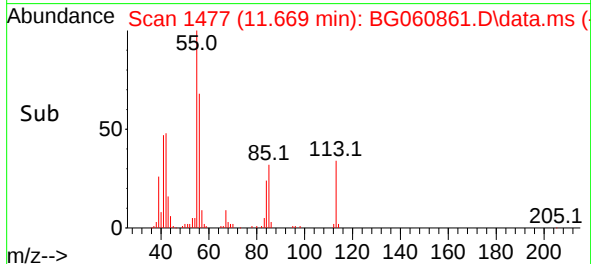
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:113 Resp: 6427
Ion Ratio Lower Upper
113 100
55 293.0 258.0 298.0
56 199.1 166.3 206.3

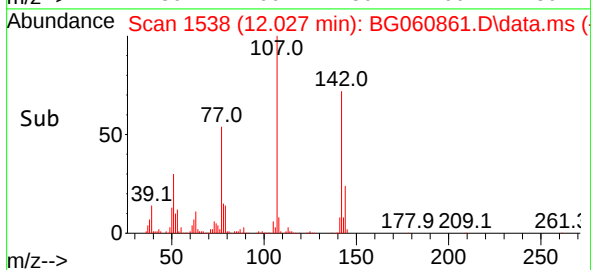
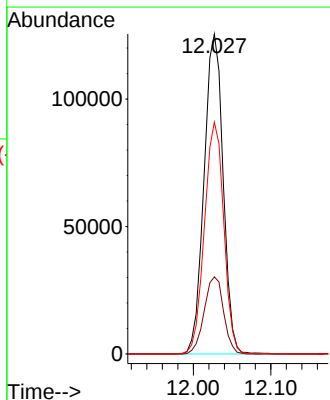
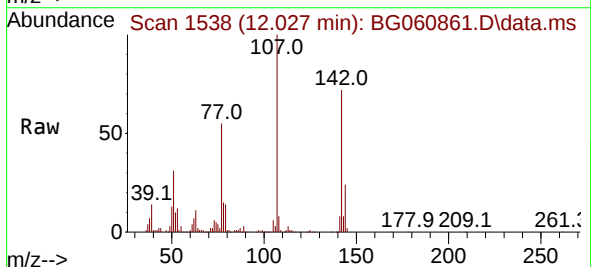
Manual Integrations
APPROVED

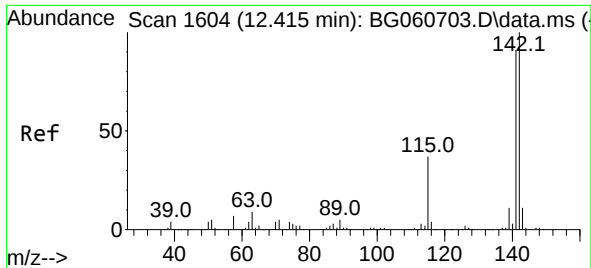
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#36
4-Chloro-3-methylphenol
Concen: 46.105 ng
RT: 12.027 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

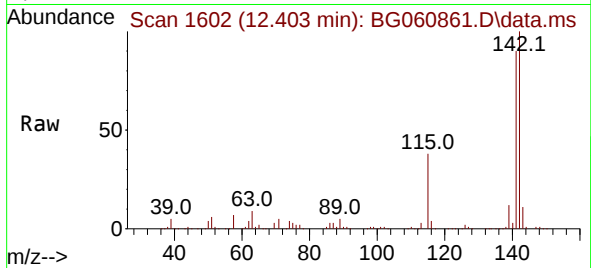
Tgt Ion:107 Resp: 214076
Ion Ratio Lower Upper
107 100
144 24.1 20.0 30.0
142 72.4 59.2 88.8





#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 12.403 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

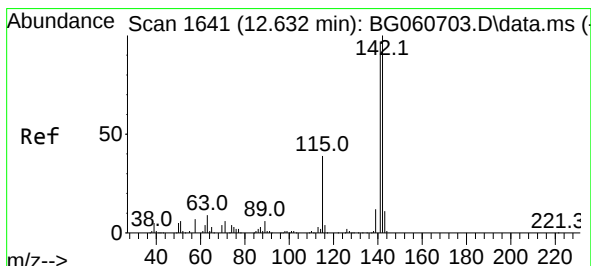
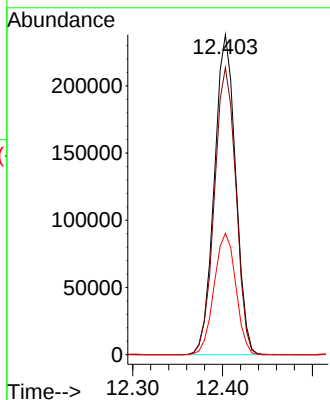
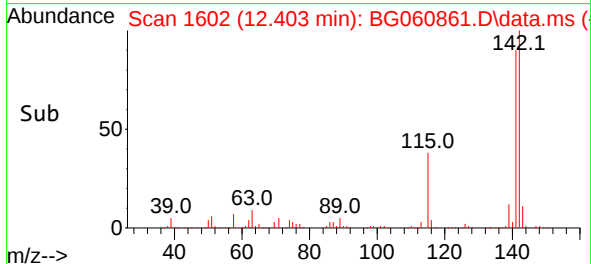
Instrument :
BNA_G
ClientSampleId :
TP-5MS



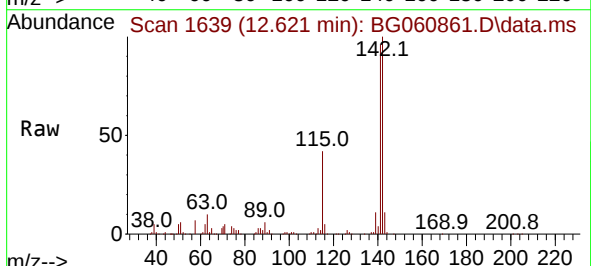
Tgt Ion:142 Resp: 392059
Ion Ratio Lower Upper
142 100
141 89.8 72.7 109.1
115 38.0 29.9 44.9

Manual Integrations
APPROVED

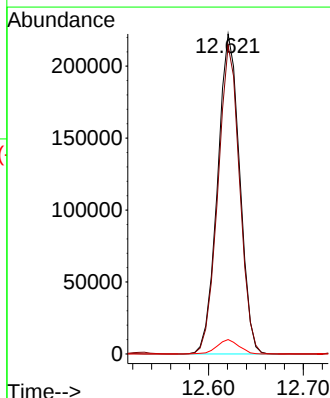
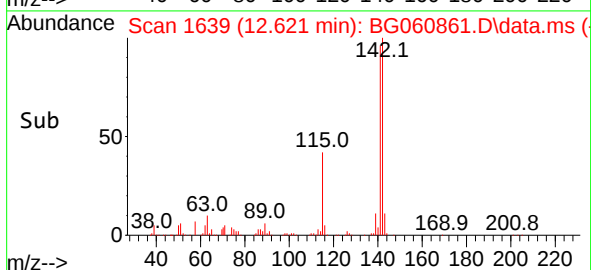
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

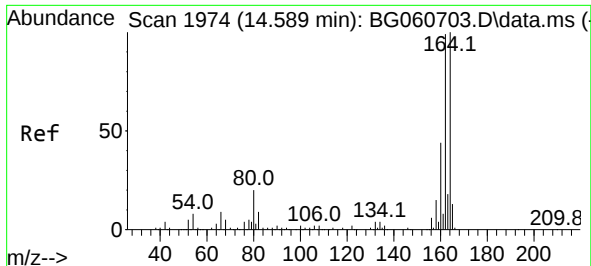


#38
1-Methylnaphthalene
Concen: 39.407 ng
RT: 12.621 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



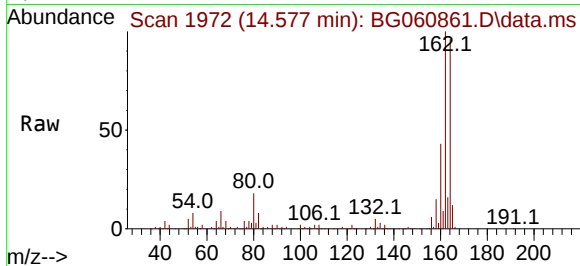
Tgt Ion:142 Resp: 361412
Ion Ratio Lower Upper
142 100
141 96.4 77.7 116.5
116 4.5 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

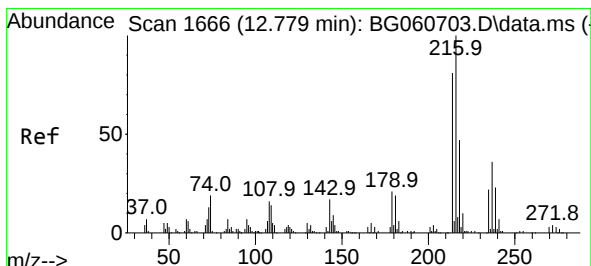
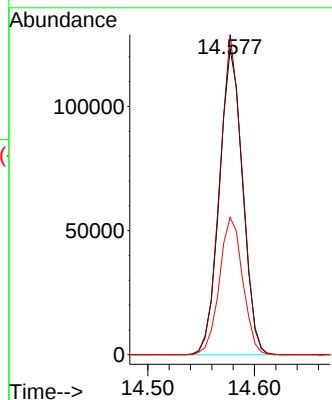
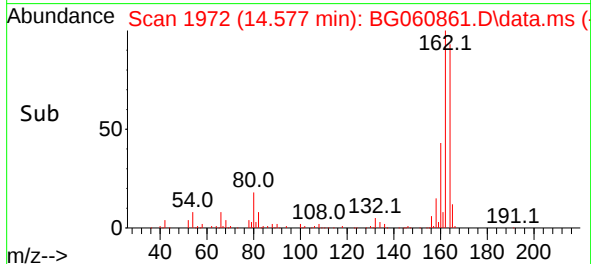
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:164 Resp: 18602
Ion Ratio Lower Upper
164 100
162 104.6 79.5 119.3
160 44.9 35.4 53.0

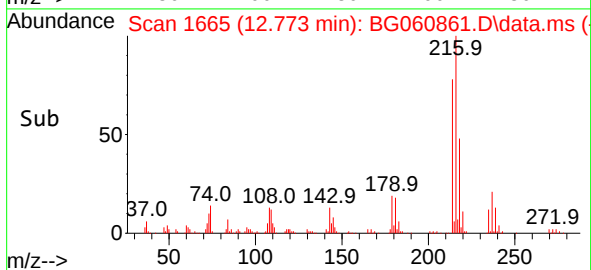
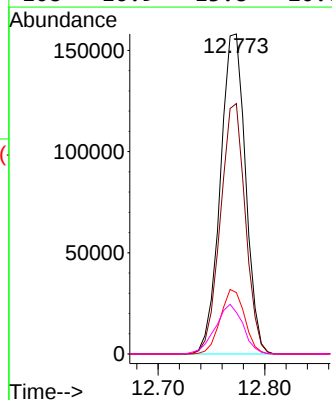
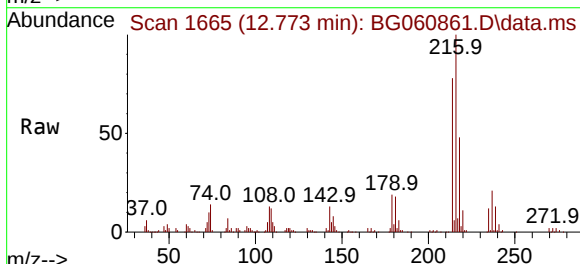
Manual Integrations
APPROVED

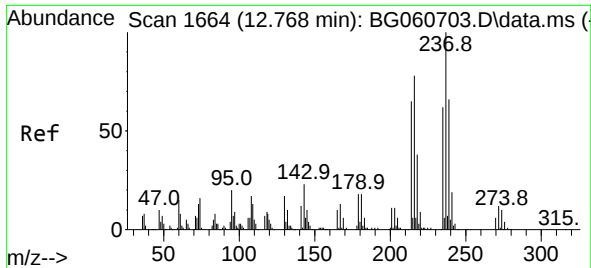
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.558 ng
RT: 12.773 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:216 Resp: 259689
Ion Ratio Lower Upper
216 100
214 77.1 63.1 94.7
179 19.4 16.7 25.1
108 16.9 13.8 20.6





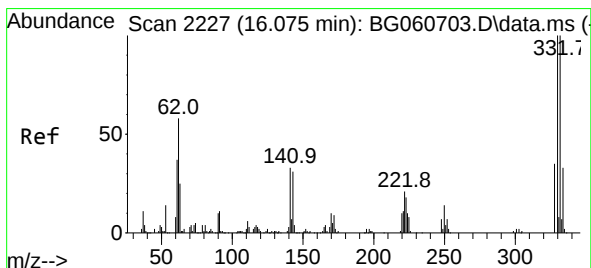
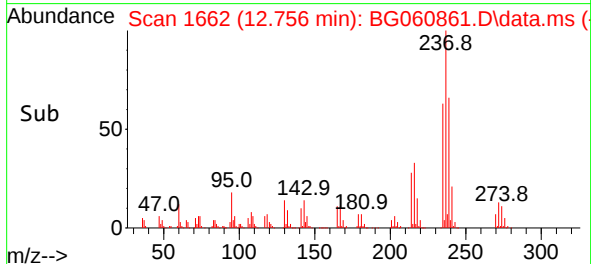
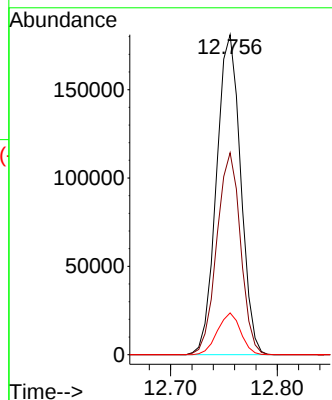
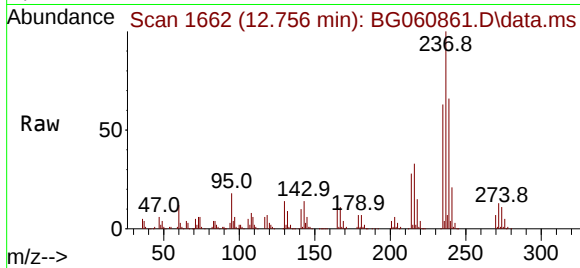
#41
Hexachlorocyclopentadiene
Concen: 104.621 ng
RT: 12.756 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:237 Resp: 28449
Ion Ratio Lower Upper
237 100
235 63.1 42.0 82.0
272 13.1 0.0 32.4

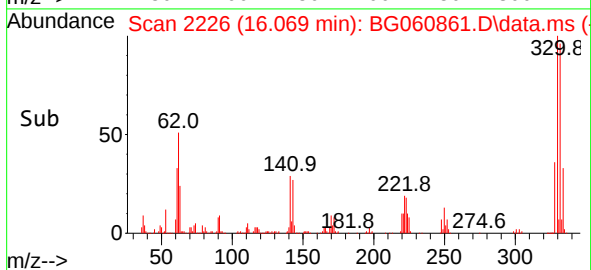
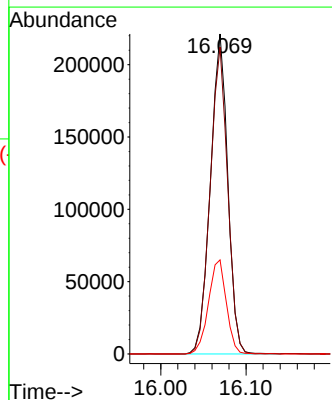
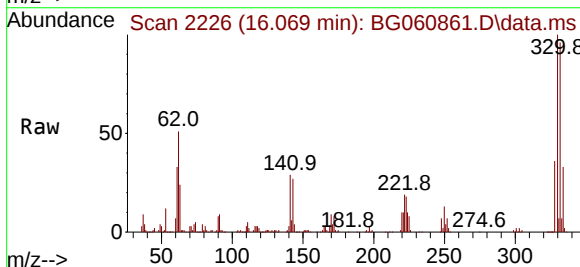
Manual Integrations
APPROVED

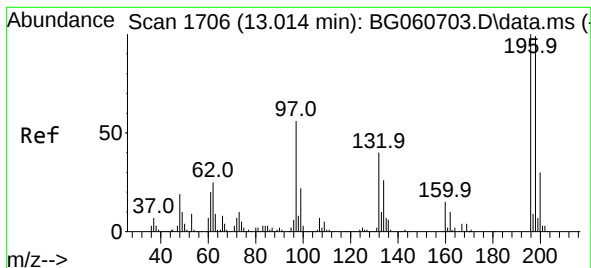
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#42
2,4,6-Tribromophenol
Concen: 148.124 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:330 Resp: 312787
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 30.2 27.0 40.6





#43

2,4,6-Trichlorophenol

Concen: 51.611 ng

RT: 13.008 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:196 Resp: 177728

Ion Ratio Lower Upper

196 100

198 95.6 79.1 118.7

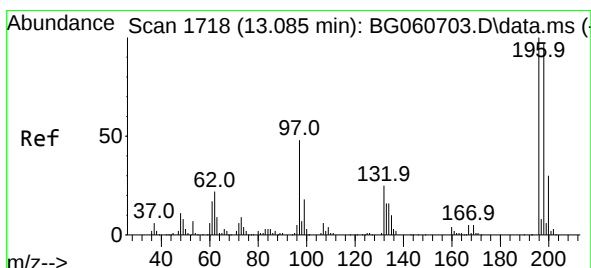
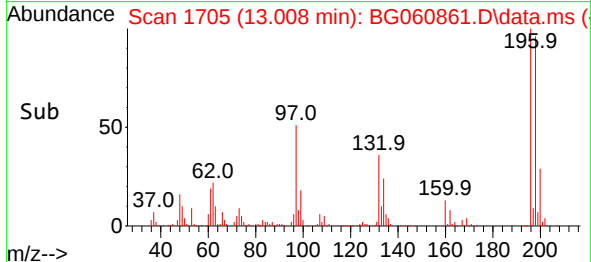
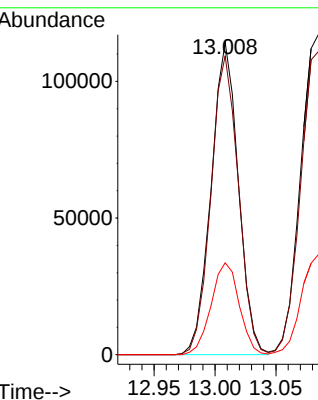
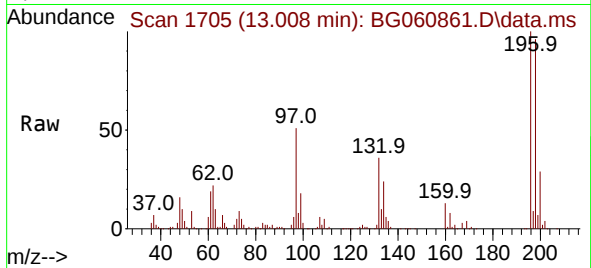
200 29.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#44

2,4,5-Trichlorophenol

Concen: 48.185 ng

RT: 13.085 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Tgt Ion:196 Resp: 198019

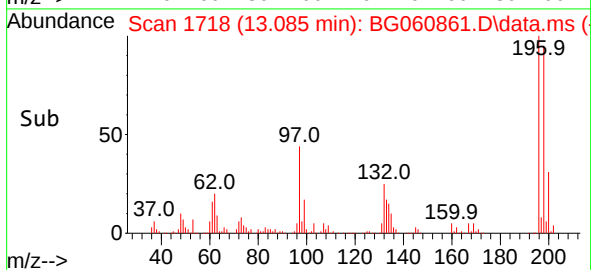
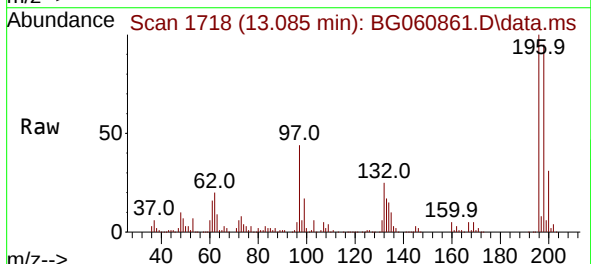
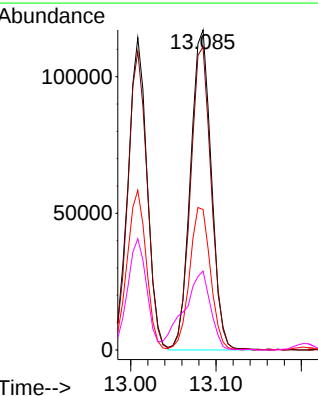
Ion Ratio Lower Upper

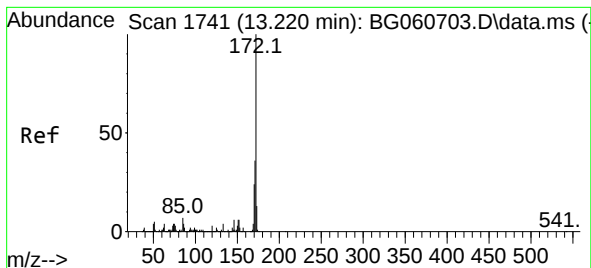
196 100

198 94.7 77.8 116.8

97 43.9 38.2 57.4

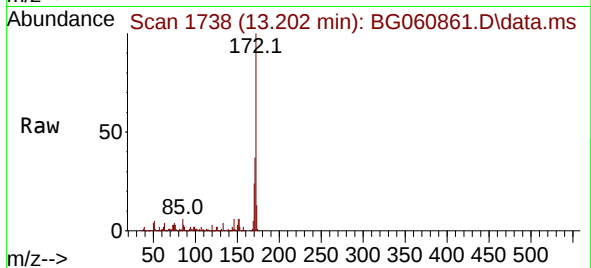
132 24.7 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 65.436 ng
RT: 13.202 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

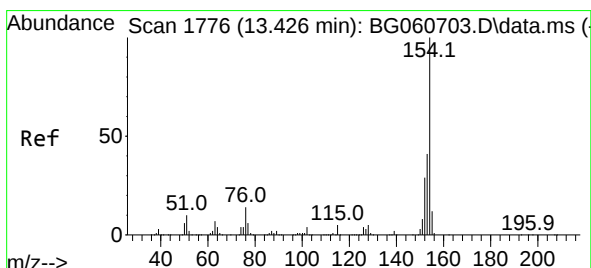
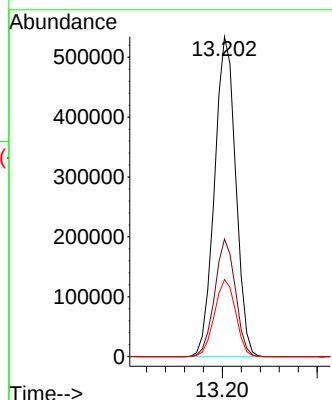
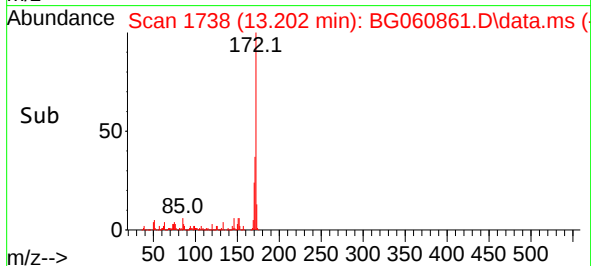
Instrument :
BNA_G
ClientSampleId :
TP-5MS



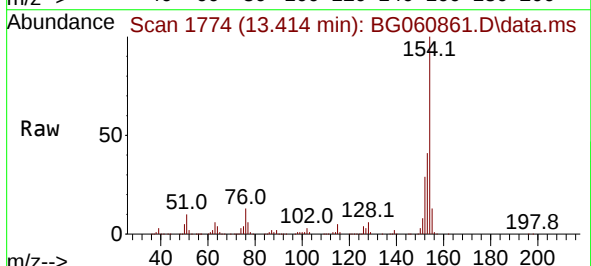
Tgt Ion:172 Resp: 829408
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.1 19.4 29.0

Manual Integrations
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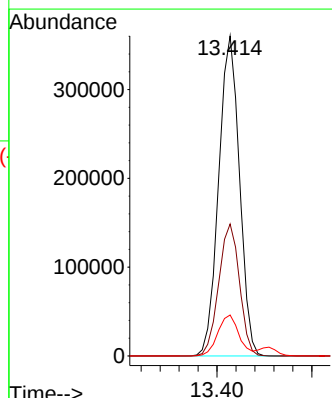
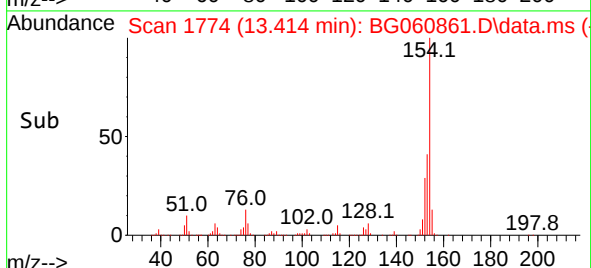
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

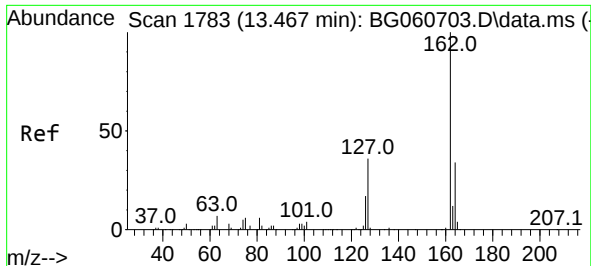


#46
1,1'-Biphenyl
Concen: 41.733 ng
RT: 13.414 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



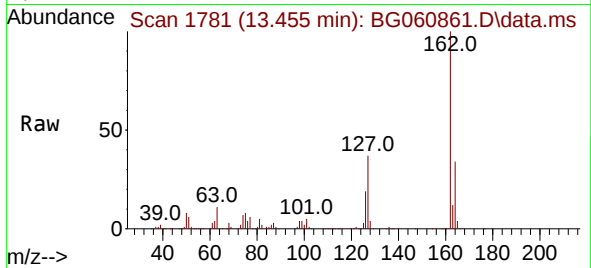
Tgt Ion:154 Resp: 548349
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 12.8 0.0 33.9





#47
2-Chloronaphthalene
Concen: 43.424 ng
RT: 13.455 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

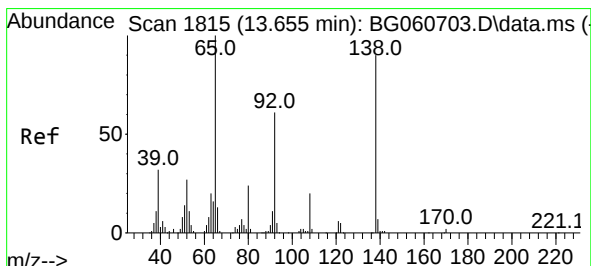
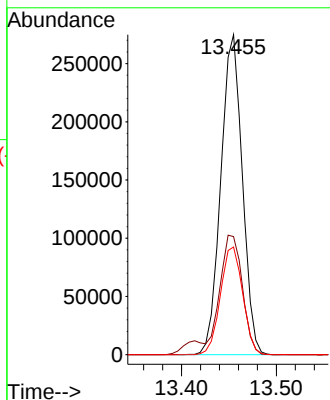
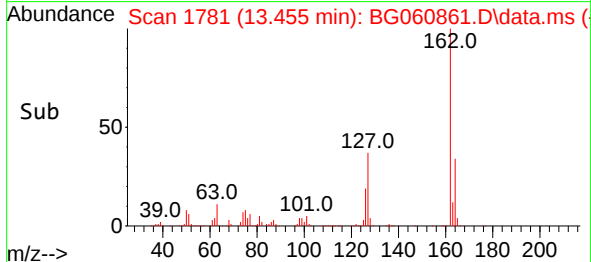
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:162 Resp: 433500
Ion Ratio Lower Upper
162 100
127 36.9 30.6 46.0
164 33.7 26.9 40.3

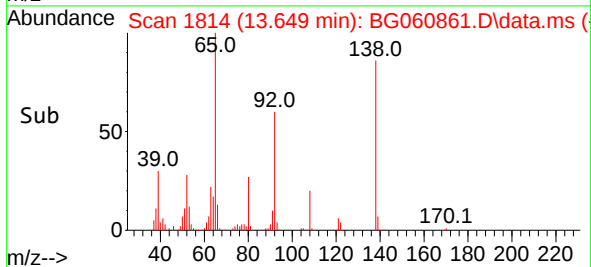
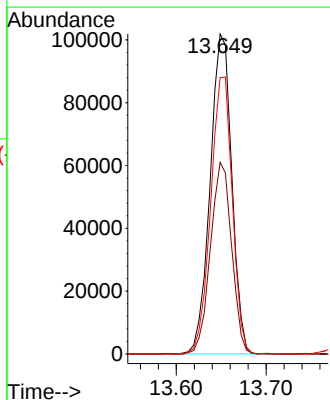
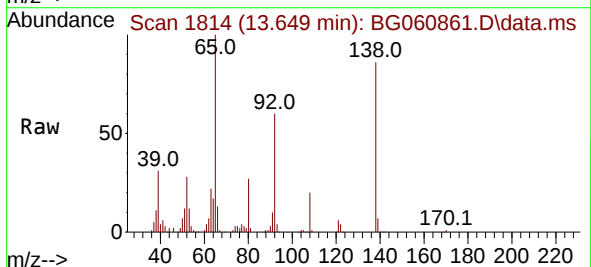
Manual Integrations
APPROVED

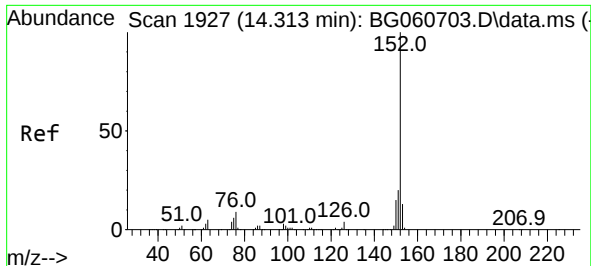
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#48
2-Nitroaniline
Concen: 51.929 ng
RT: 13.649 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion: 65 Resp: 170464
Ion Ratio Lower Upper
65 100
92 59.8 48.6 72.8
138 86.4 72.2 108.4





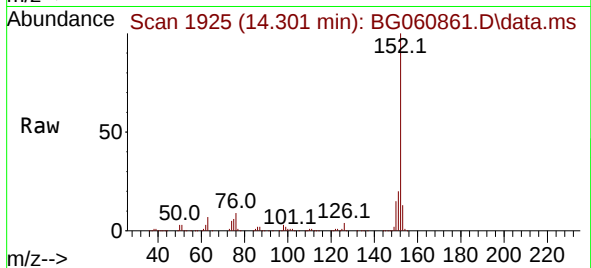
#49
Acenaphthylene
Concen: 44.735 ng
RT: 14.301 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS



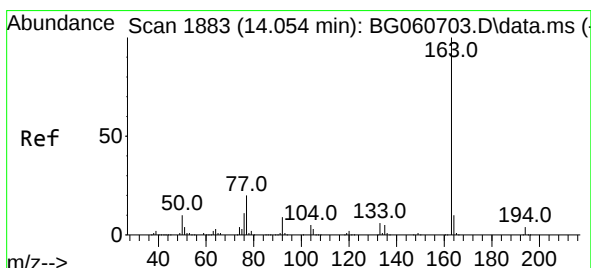
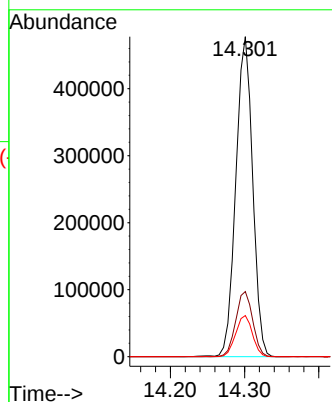
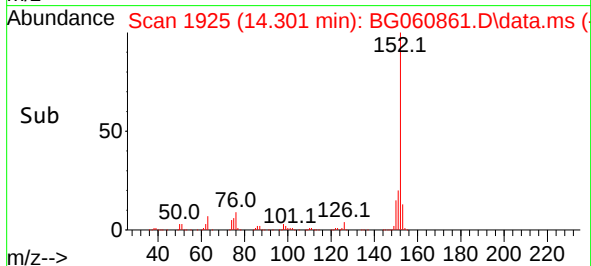
Tgt Ion:152 Resp: 75038
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 12.8 10.5 15.7

Manual Integrations

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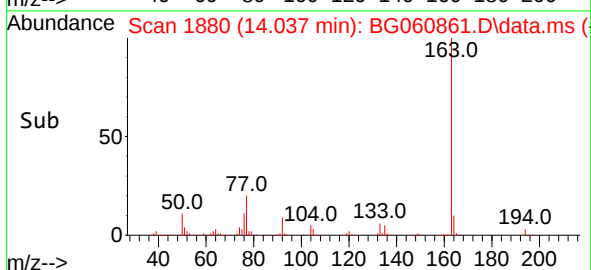
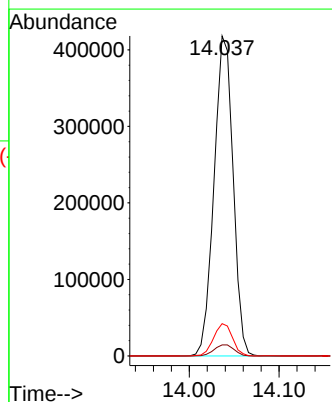
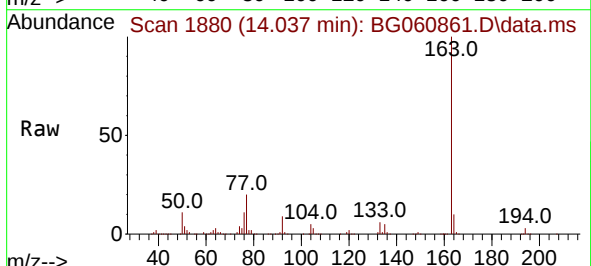
Reviewed By :Yogesh Patel 04/12/2024

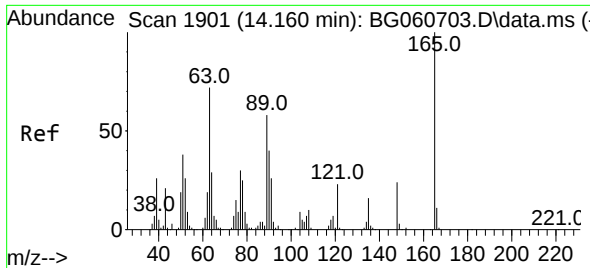
Supervised By :mohammad ahmed 04/17/2024



#50
Dimethylphthalate
Concen: 41.894 ng
RT: 14.037 min Scan# 1880
Delta R.T. -0.017 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

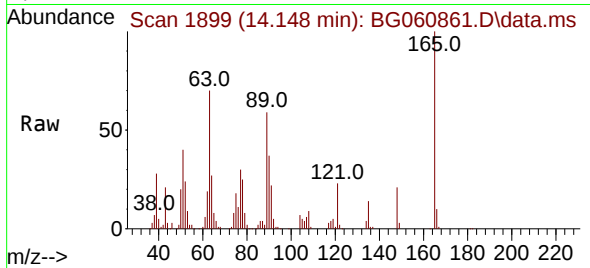
Tgt Ion:163 Resp: 615983
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 48.829 ng
RT: 14.148 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

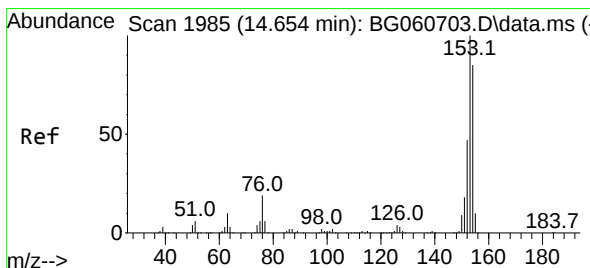
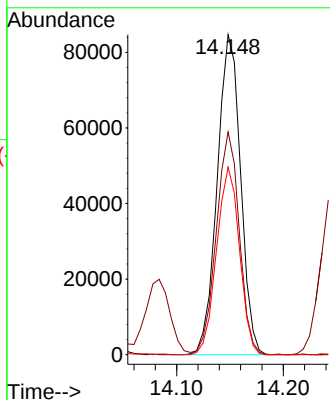
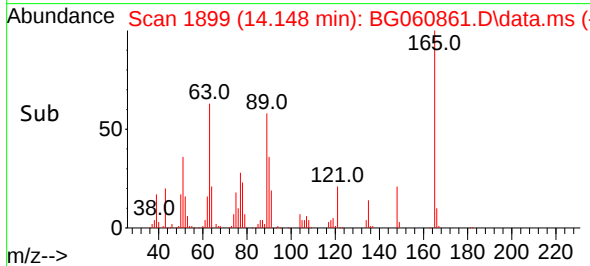
Instrument :
BNA_G
ClientSampleId :
TP-5MS



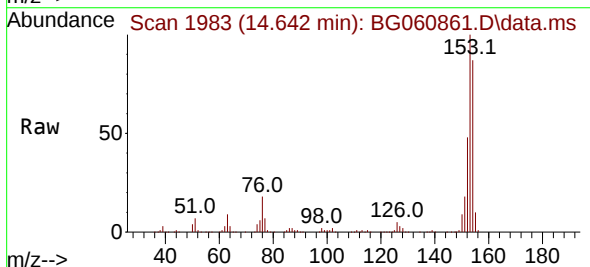
Tgt Ion:165 Resp: 128718
Ion Ratio Lower Upper
165 100
63 69.6 58.2 87.4
89 58.6 46.1 69.1

Manual Integrations
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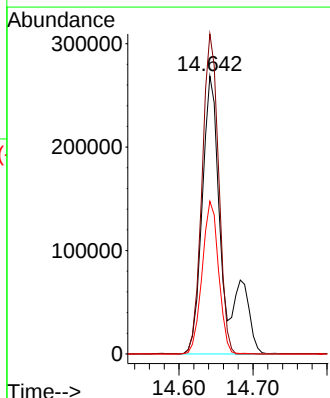
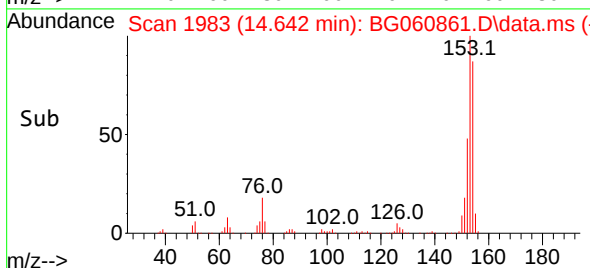
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

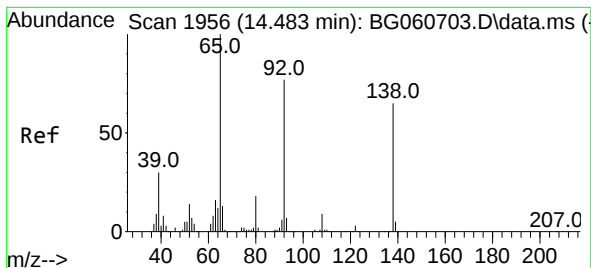


#52
Acenaphthene
Concen: 49.445 ng m
RT: 14.642 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



Tgt Ion:154 Resp: 520741
Ion Ratio Lower Upper
154 100
153 115.2 93.9 140.9
152 54.9 44.1 66.1





#53
3-Nitroaniline
Concen: 30.129 ng
RT: 14.477 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

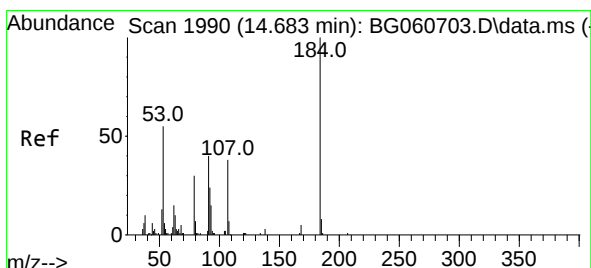
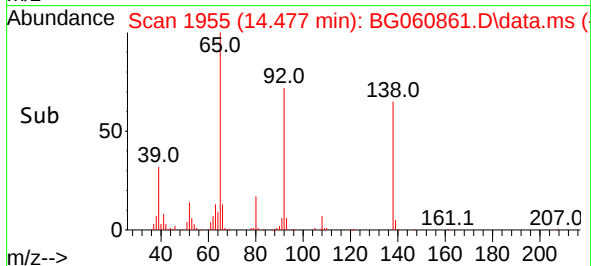
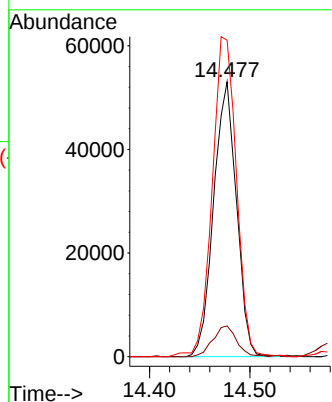
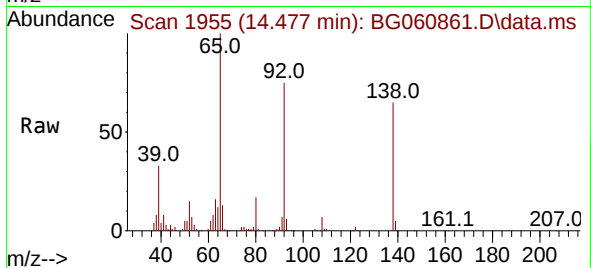
TP-5MS

Tgt Ion:138 Resp: 8375
Ion Ratio Lower Upper
138 100
108 11.2 11.3 16.9
92 115.2 94.1 141.1

Manual Integrations

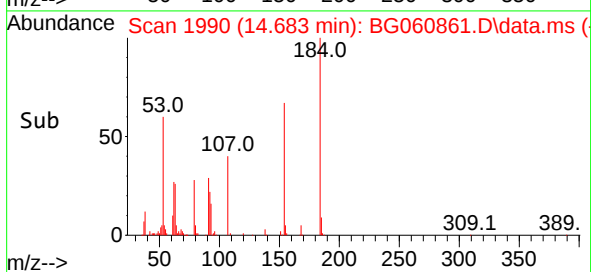
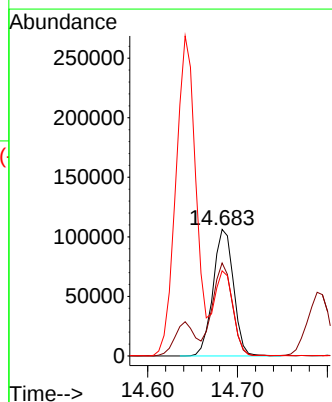
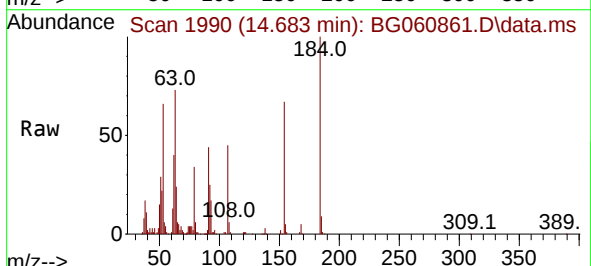
APPROVED

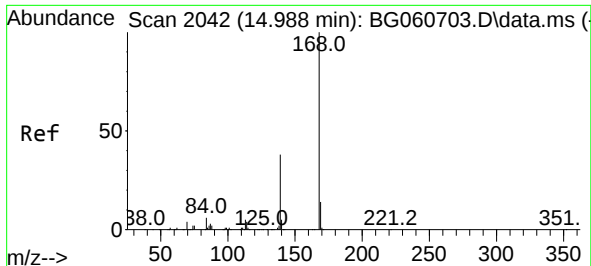
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#54
2,4-Dinitrophenol
Concen: 164.459 ng
RT: 14.683 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

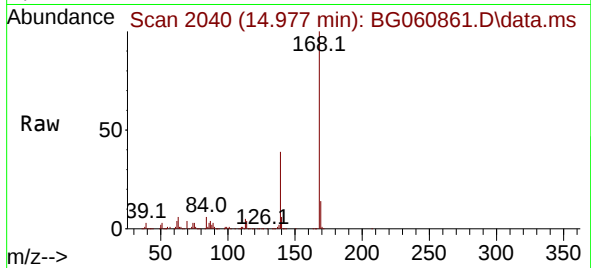
Tgt Ion:184 Resp: 168315
Ion Ratio Lower Upper
184 100
63 73.4 51.3 76.9
154 67.2 59.9 89.9





#55
Dibenzenofuran
Concen: 42.216 ng
RT: 14.977 min Scan# 2040
Delta R.T. -0.011 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

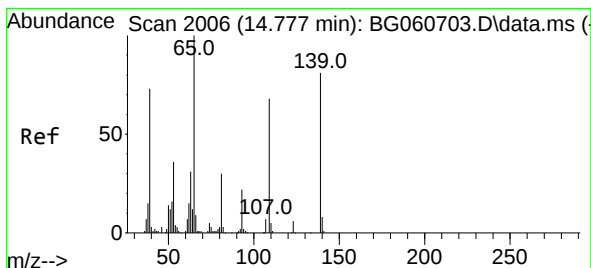
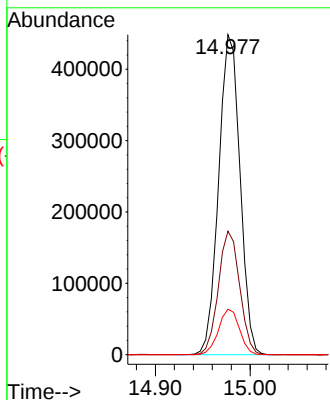
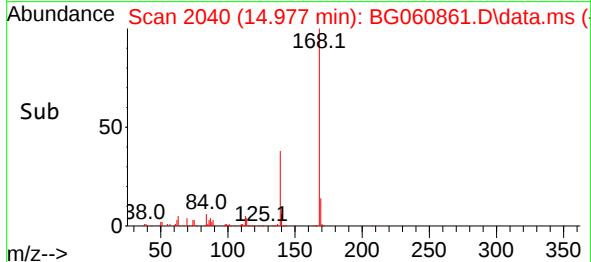
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:168 Resp: 701294
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.2 11.0 16.4

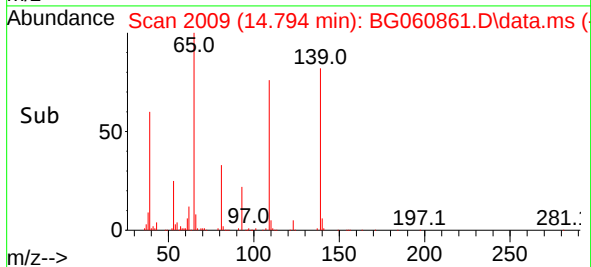
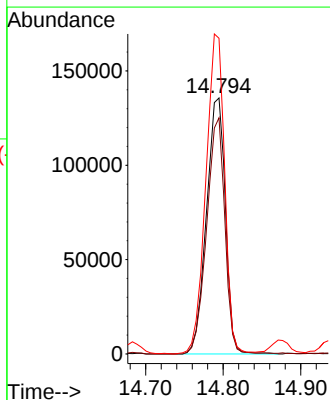
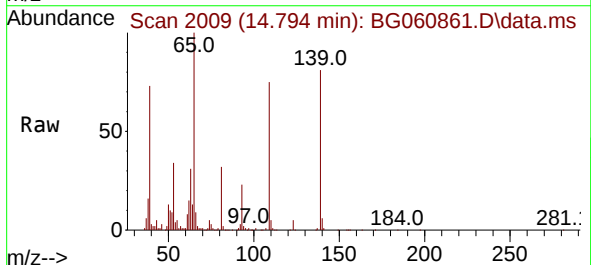
Manual Integrations
APPROVED

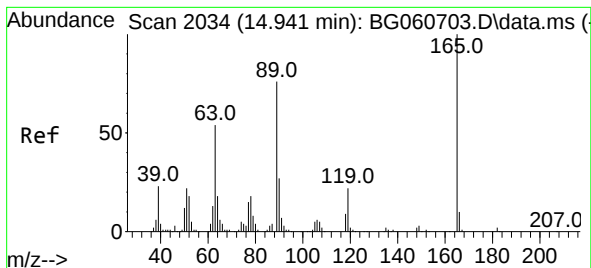
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#56
4-Nitrophenol
Concen: 107.071 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.017 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:139 Resp: 230146
Ion Ratio Lower Upper
139 100
109 92.2 64.0 104.0
65 123.3 104.3 144.3





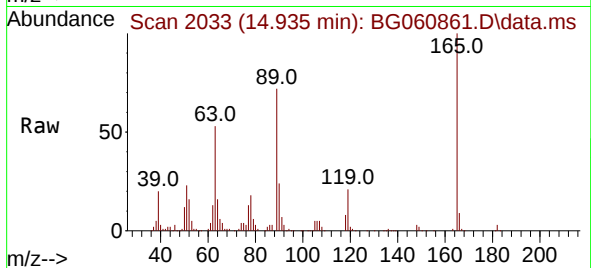
#57
2,4-Dinitrotoluene
Concen: 54.129 ng
RT: 14.935 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS

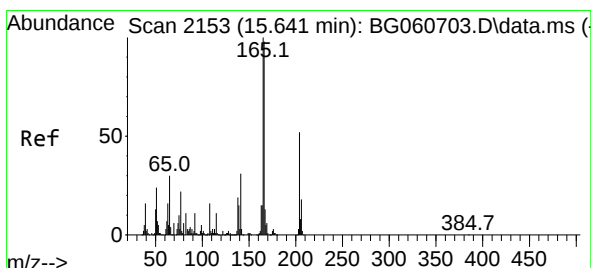
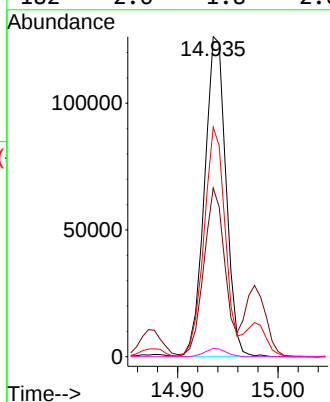
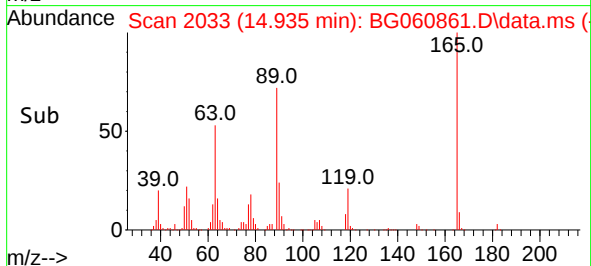


Tgt Ion:165 Resp: 18802
Ion Ratio Lower Upper
165 100
63 52.7 43.4 65.0
89 71.7 61.0 91.6
182 2.6 1.8 2.6

Manual Integrations

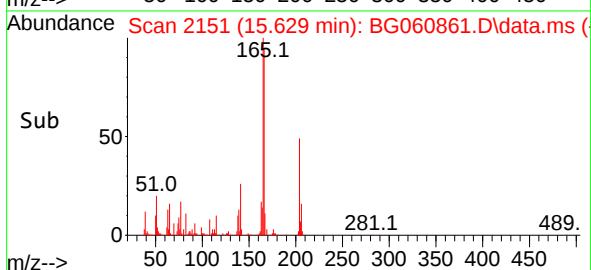
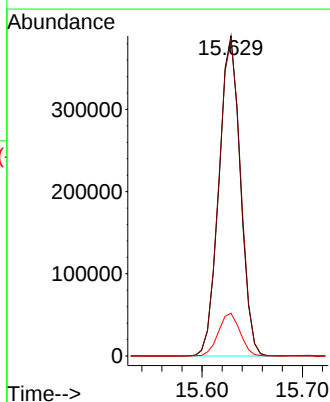
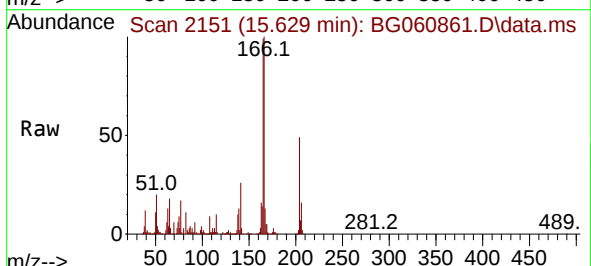
APPROVED

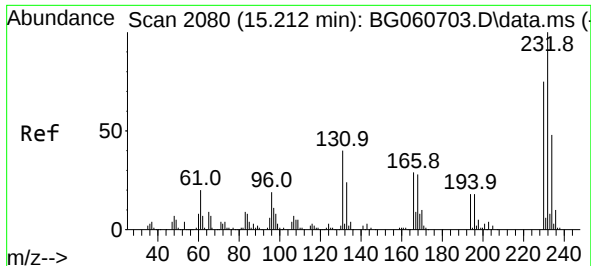
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#58
Fluorene
Concen: 43.201 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

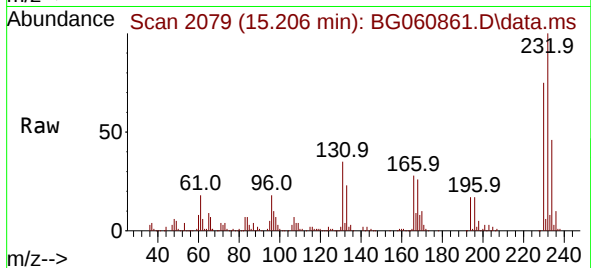
Tgt Ion:166 Resp: 575980
Ion Ratio Lower Upper
166 100
165 98.9 81.8 122.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.333 ng
RT: 15.206 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

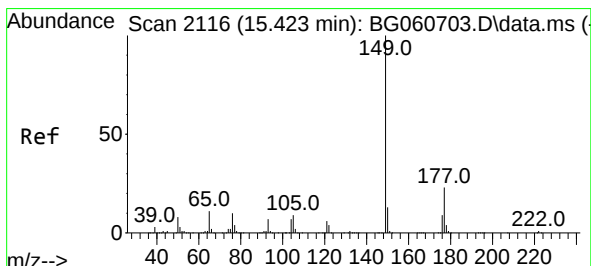
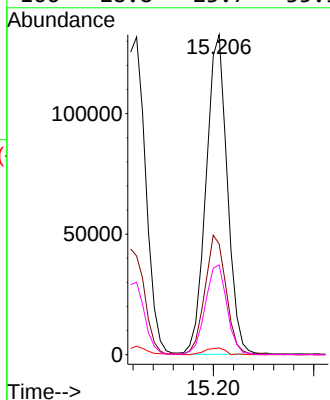
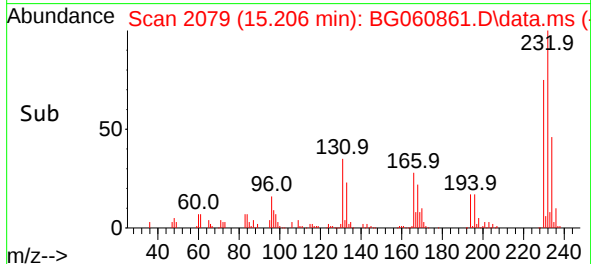
Instrument :
BNA_G
ClientSampleId :
TP-5MS



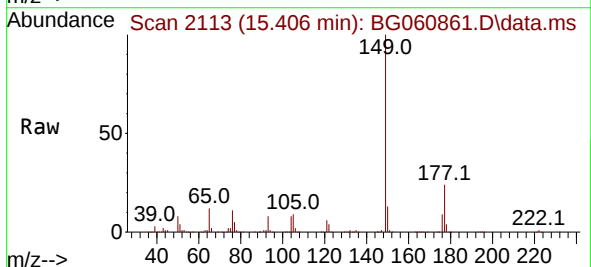
Tgt Ion:232 Resp: 194590
Ion Ratio Lower Upper
232 100
131 37.7 32.2 48.2
130 2.0 2.1 3.1
166 28.8 23.7 35.5

Manual Integrations
APPROVED

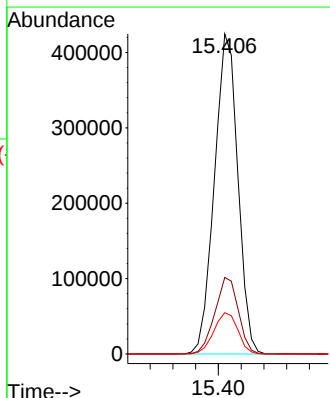
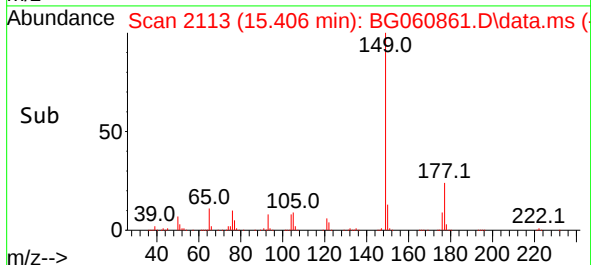
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#60
Diethylphthalate
Concen: 41.053 ng
RT: 15.406 min Scan# 2113
Delta R.T. -0.017 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



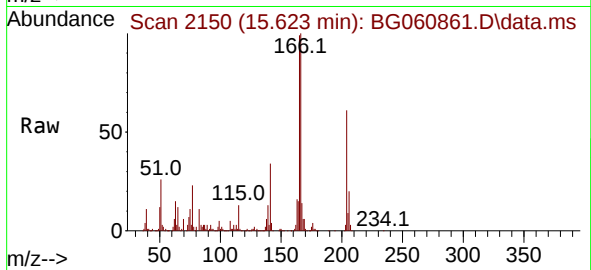
Tgt Ion:149 Resp: 607291
Ion Ratio Lower Upper
149 100
177 23.9 18.0 27.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.438 ng
RT: 15.623 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

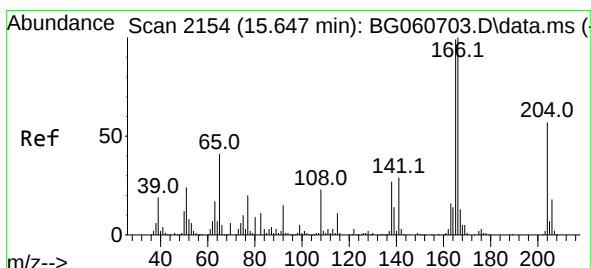
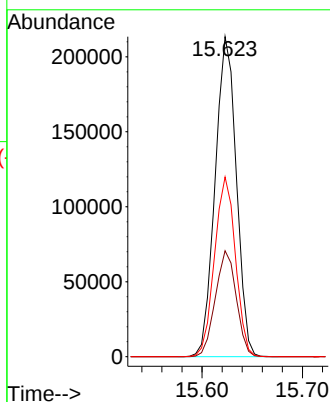
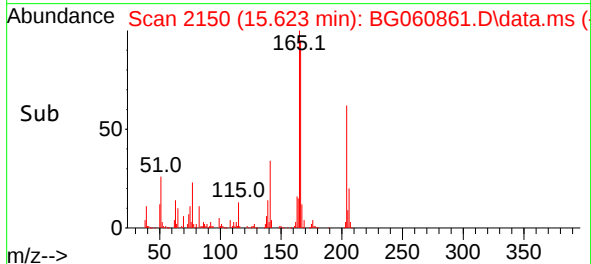
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:204 Resp: 31344
Ion Ratio Lower Upper
204 100
206 33.1 28.3 42.5
141 56.1 47.2 70.8

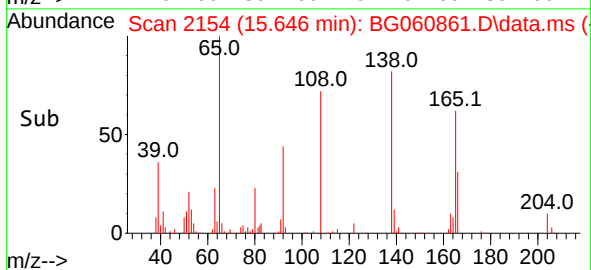
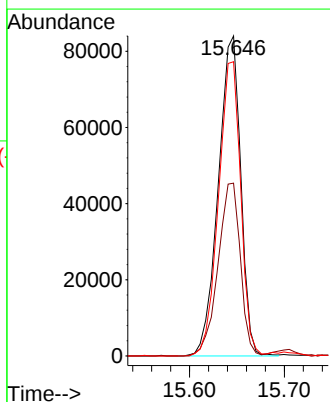
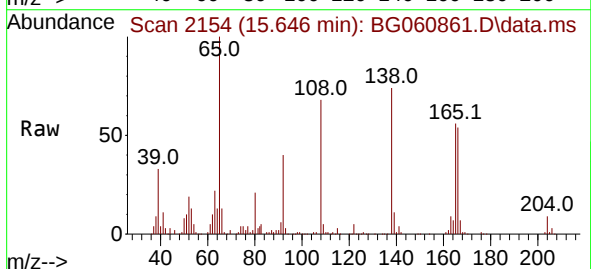
Manual Integrations
APPROVED

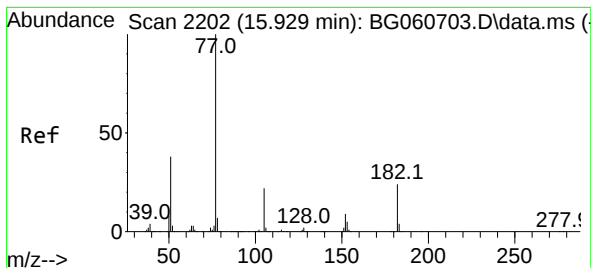
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#62
4-Nitroaniline
Concen: 51.407 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

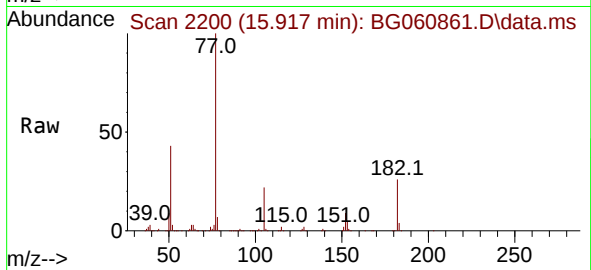
Tgt Ion:138 Resp: 138194
Ion Ratio Lower Upper
138 100
92 54.0 36.8 76.8
108 92.0 66.9 106.9





#63
Azobenzene
Concen: 41.140 ng
RT: 15.917 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

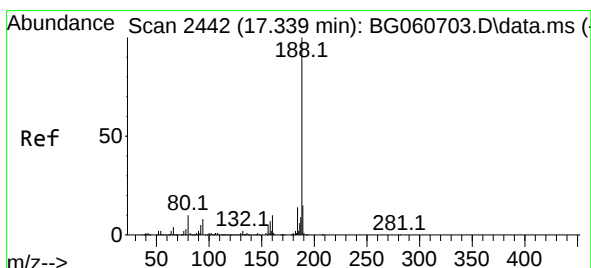
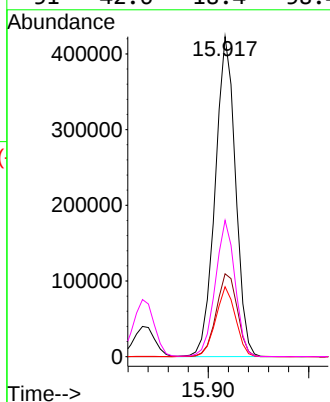
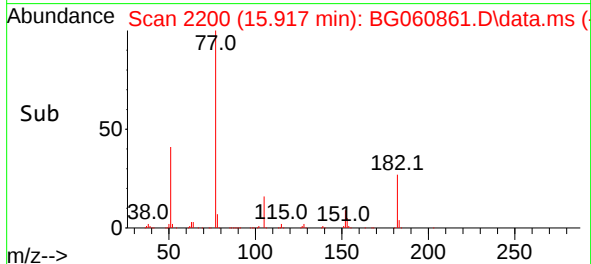
Instrument :
BNA_G
ClientSampleId :
TP-5MS



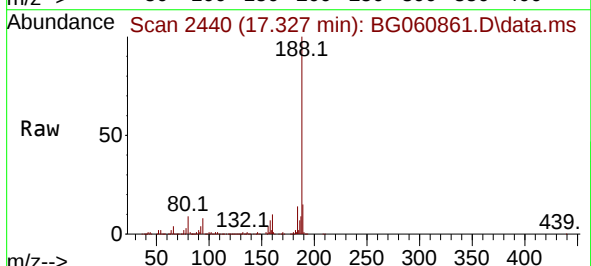
Tgt Ion: 77 Resp: 593024
Ion Ratio Lower Upper
77 100
182 25.9 3.9 43.9
105 21.8 1.7 41.7
51 42.6 18.4 58.4

Manual Integrations
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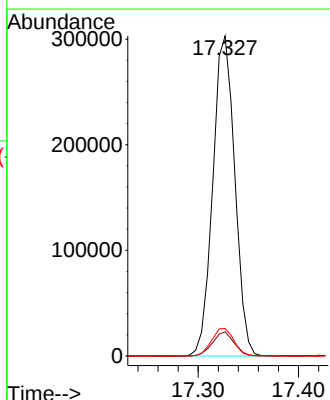
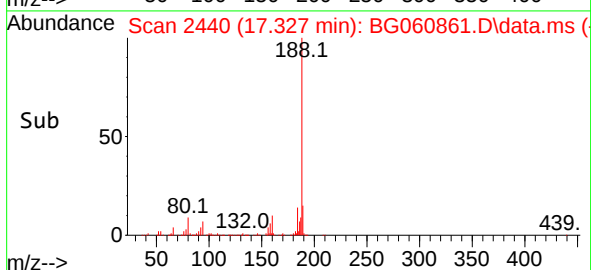
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

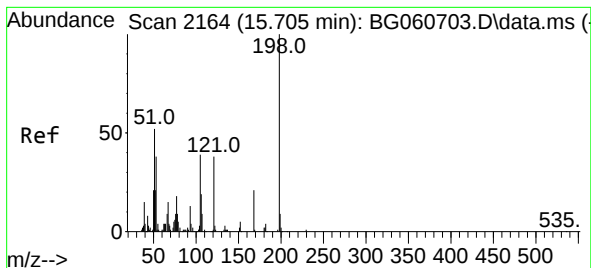


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



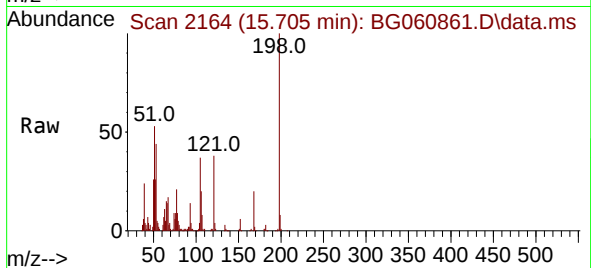
Tgt Ion:188 Resp: 460079
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 59.769 ng
RT: 15.705 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

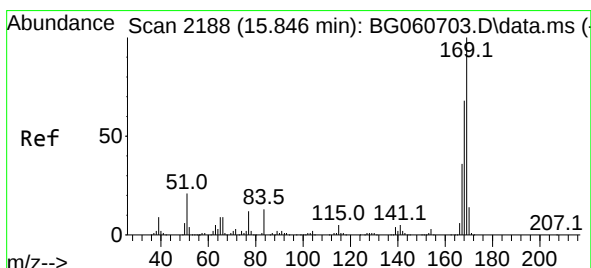
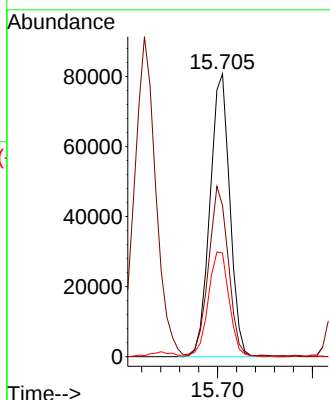
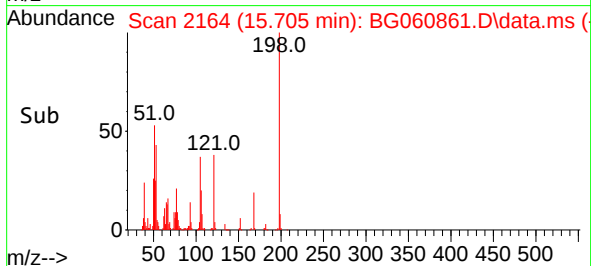
Instrument :
BNA_G
ClientSampleId :
TP-5MS



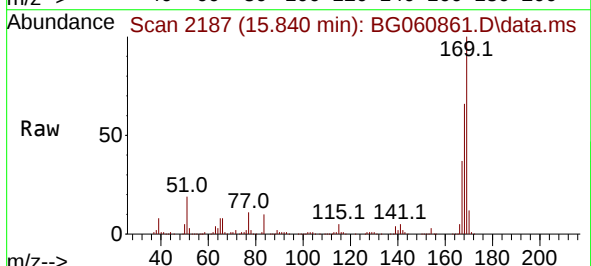
Tgt Ion:198 Resp: 117319
Ion Ratio Lower Upper
198 100
51 53.5 36.7 76.7
105 36.7 19.1 59.1

Manual Integrations
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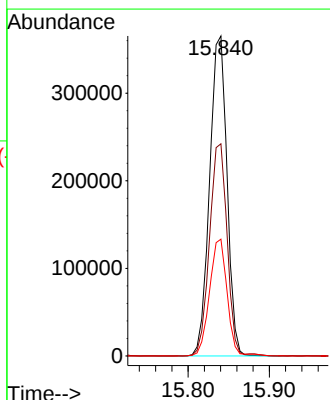
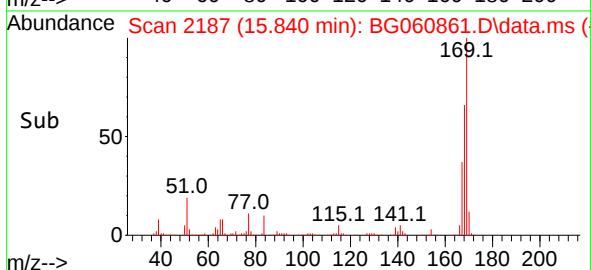
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

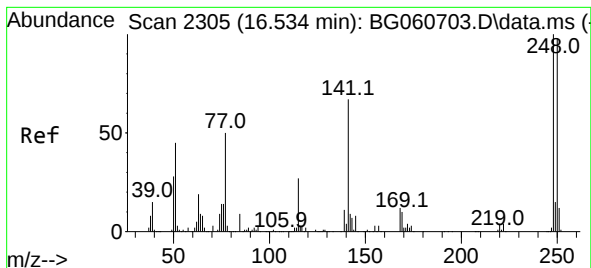


#66
n-Nitrosodiphenylamine
Concen: 41.252 ng
RT: 15.840 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



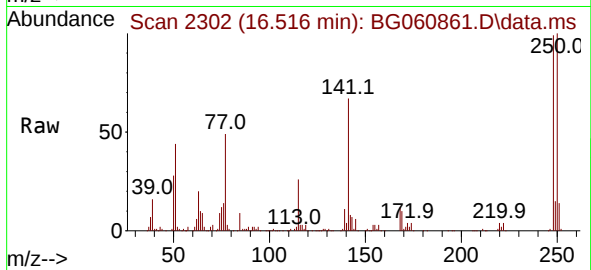
Tgt Ion:169 Resp: 542352
Ion Ratio Lower Upper
169 100
168 66.3 54.5 81.7
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.448 ng
RT: 16.516 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

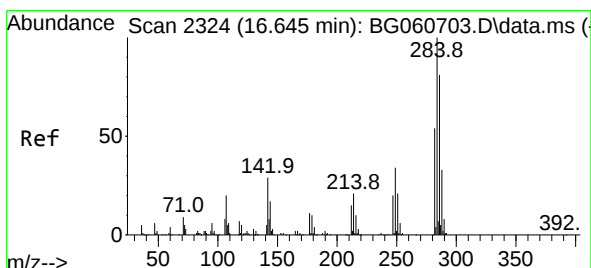
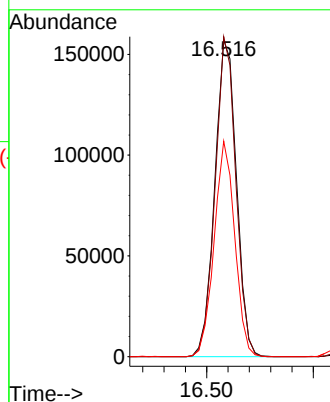
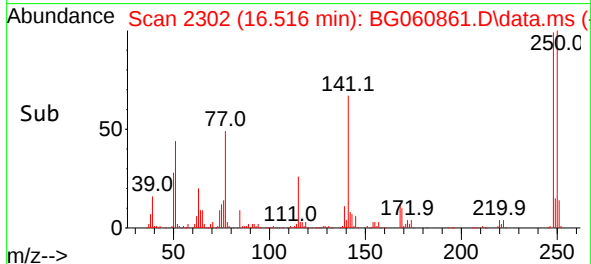
Instrument :
BNA_G
ClientSampleId :
TP-5MS



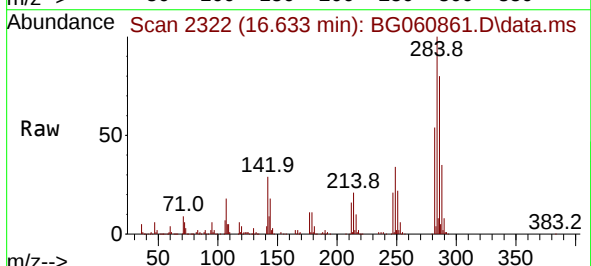
Tgt Ion:248 Resp: 22154
Ion Ratio Lower Upper
248 100
250 101.1 78.3 117.5
141 68.1 53.7 80.5

Manual Integrations
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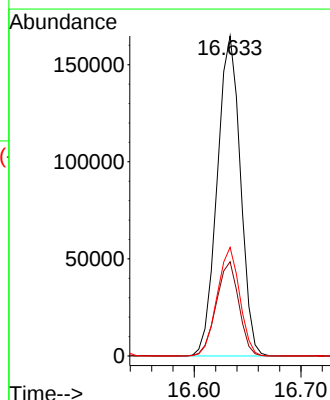
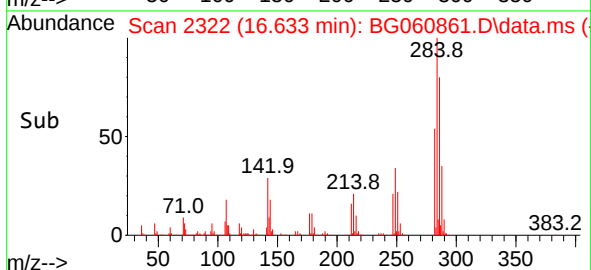
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#68
Hexachlorobenzene
Concen: 47.187 ng
RT: 16.633 min Scan# 2322
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



Tgt Ion:284 Resp: 248718
Ion Ratio Lower Upper
284 100
142 29.4 22.9 34.3
249 33.9 27.1 40.7





#69

Atrazine

Concen: 46.458 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG060861.D

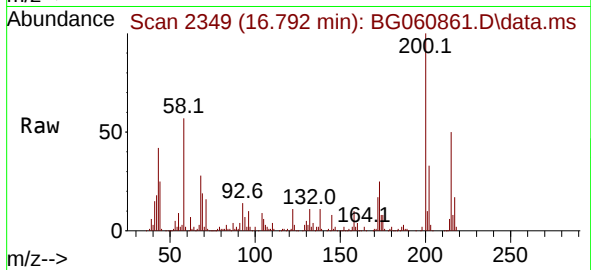
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS



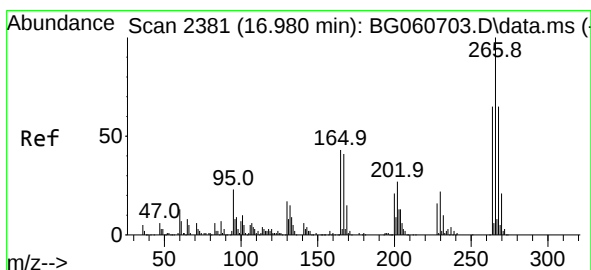
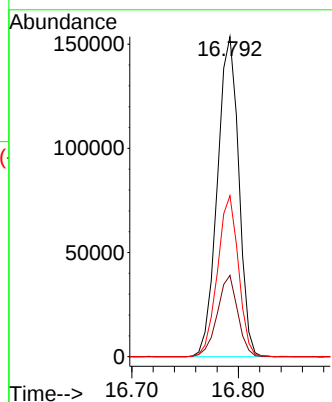
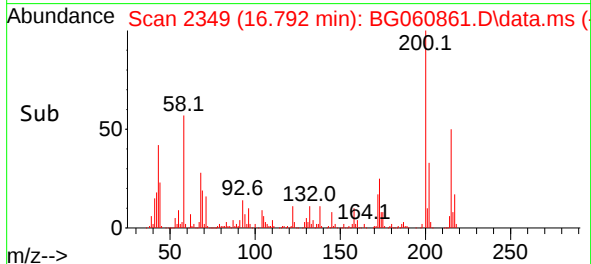
Tgt Ion:	200	Resp:	21359
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.2	45.2
215	50.3	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#70

Pentachlorophenol

Concen: 100.474 ng

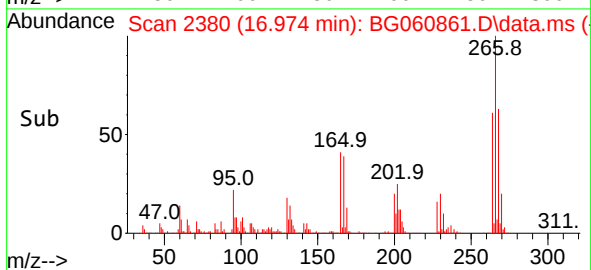
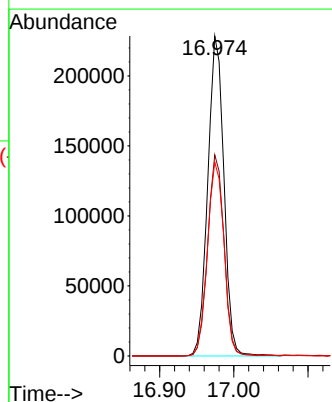
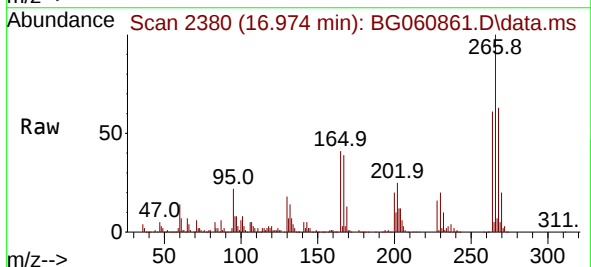
RT: 16.974 min Scan# 2380

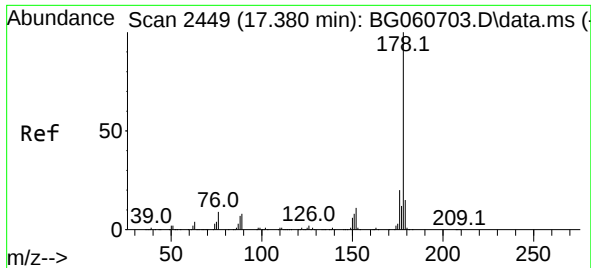
Delta R.T. -0.006 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Tgt Ion:	266	Resp:	345558
Ion Ratio	Lower	Upper	
266	100		
268	62.8	52.2	78.4
264	60.6	51.8	77.6





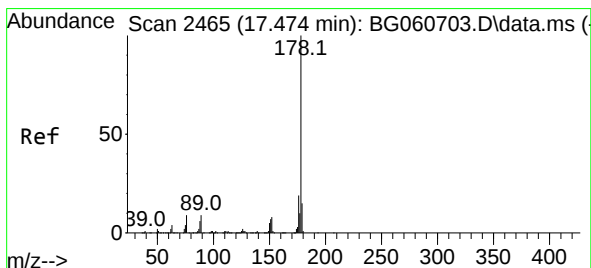
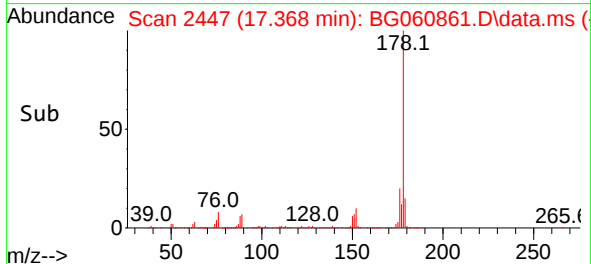
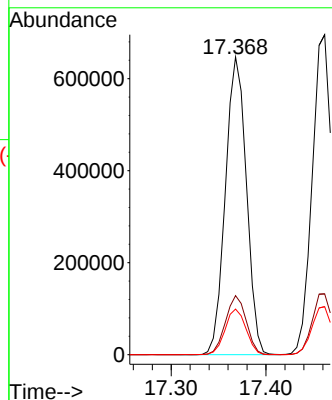
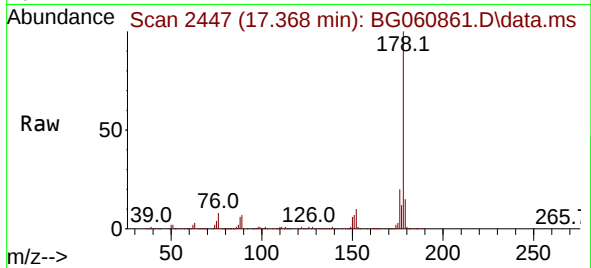
#71
Phenanthrene
Concen: 41.664 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:178 Resp: 996934
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.3 12.2 18.4

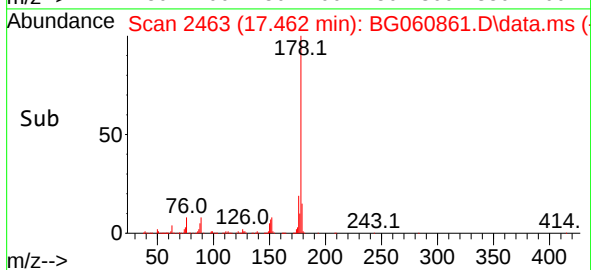
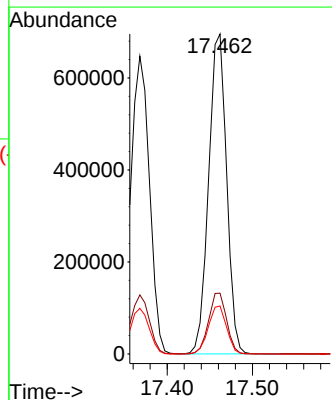
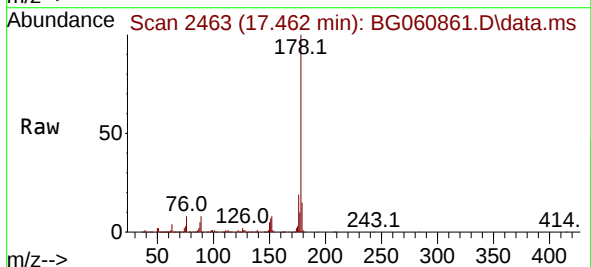
Manual Integrations
APPROVED

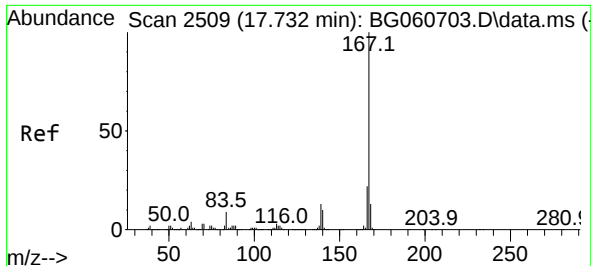
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#72
Anthracene
Concen: 41.882 ng
RT: 17.462 min Scan# 2463
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

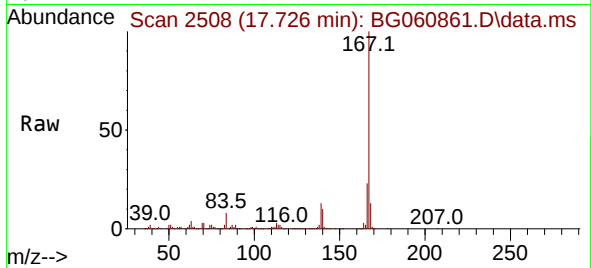
Tgt Ion:178 Resp: 1017732
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.0 12.2 18.2





#73
 Carbazole
 Concen: 41.332 ng
 RT: 17.726 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060861.D
 Acq: 11 Apr 2024 16:12

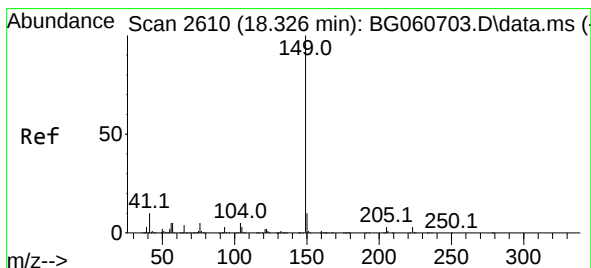
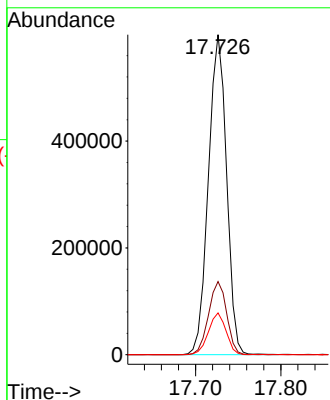
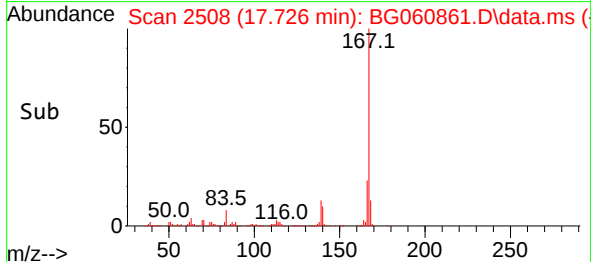
Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS



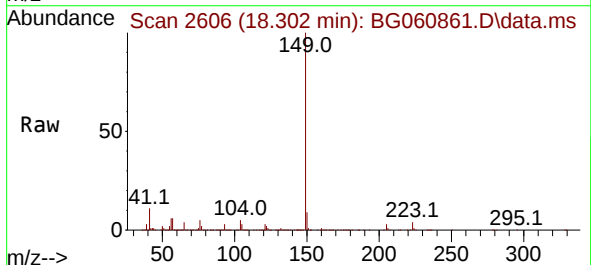
Tgt Ion:167 Resp: 885554
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 13.1 10.5 15.7

Manual Integrations
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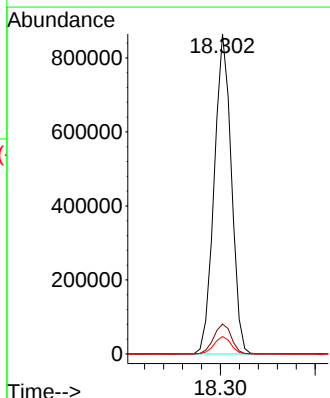
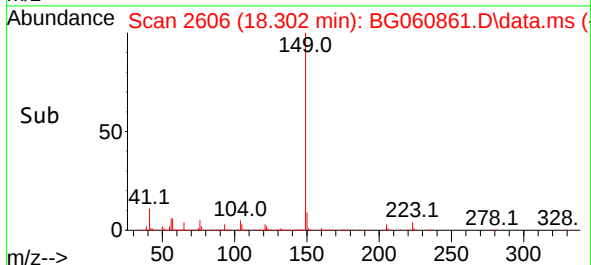
Reviewed By :Yogesh Patel 04/12/2024
 Supervised By :mohammad ahmed 04/17/2024

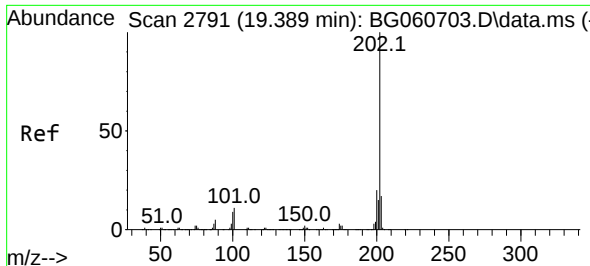


#74
 Di-n-butylphthalate
 Concen: 40.627 ng
 RT: 18.302 min Scan# 2606
 Delta R.T. -0.024 min
 Lab File: BG060861.D
 Acq: 11 Apr 2024 16:12



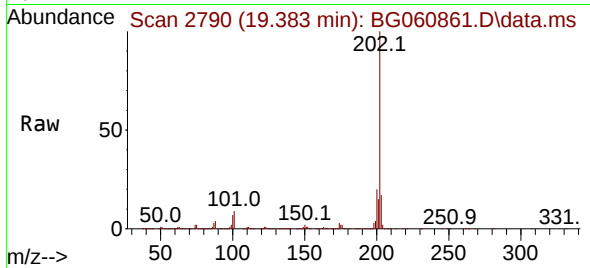
Tgt Ion:149 Resp: 1085193
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.5 4.2 6.4





#75
Fluoranthene
Concen: 41.408 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

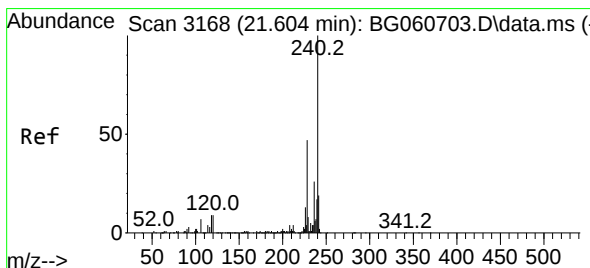
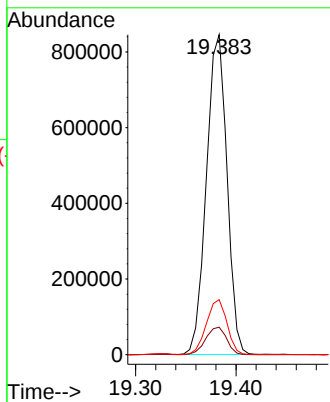
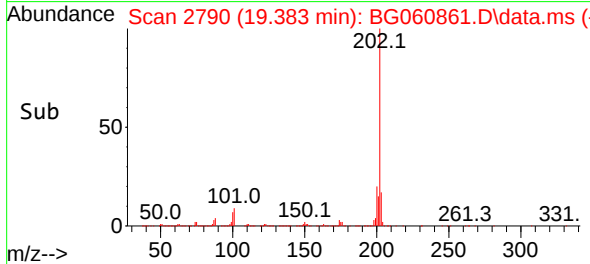
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:202 Resp: 120228
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.8
203 17.2 0.0 37.4

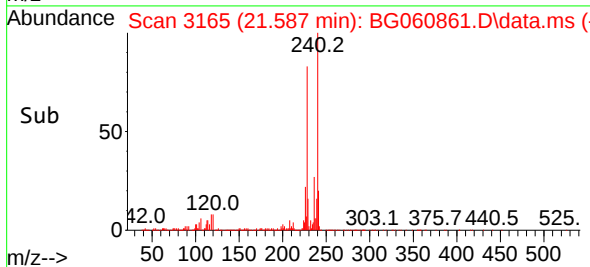
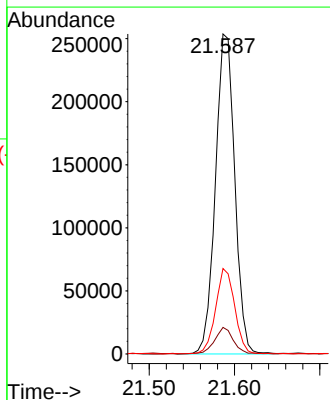
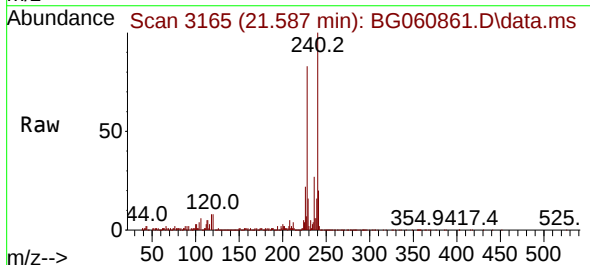
Manual Integrations
APPROVED

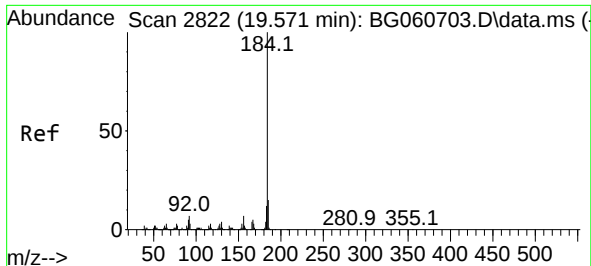
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:240 Resp: 399415
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 26.7 20.7 31.1





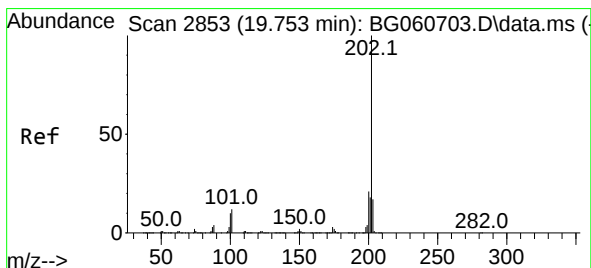
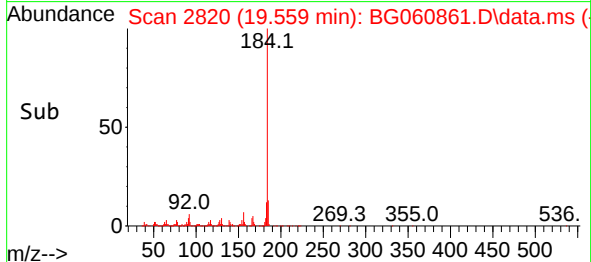
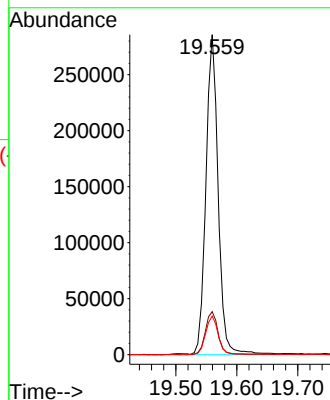
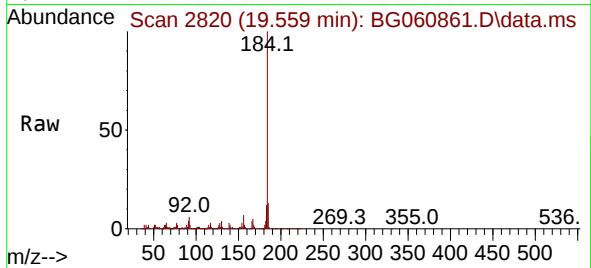
#77
Benzidine
Concen: 37.986 ng
RT: 19.559 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tgt Ion:184 Resp: 399520
Ion Ratio Lower Upper
184 100
185 13.5 11.8 17.6
183 12.0 9.5 14.3

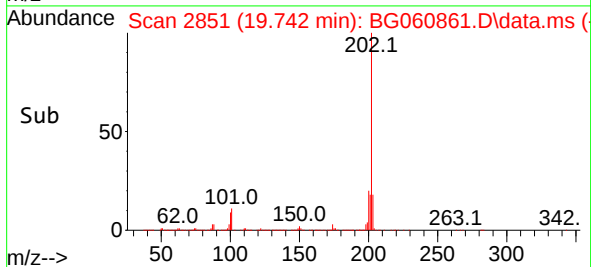
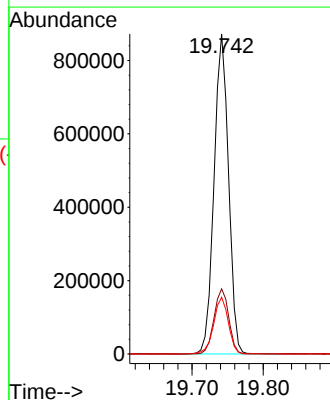
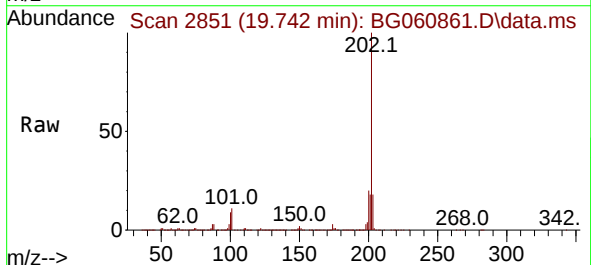
Manual Integrations
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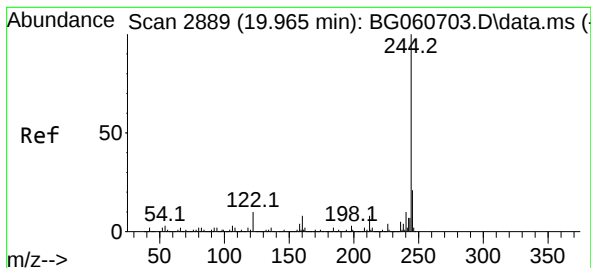
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#78
Pyrene
Concen: 43.978 ng
RT: 19.742 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:202 Resp: 1228485
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 67.641 ng

RT: 19.947 min Scan# 2886

Delta R.T. -0.018 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:244 Resp: 153431

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

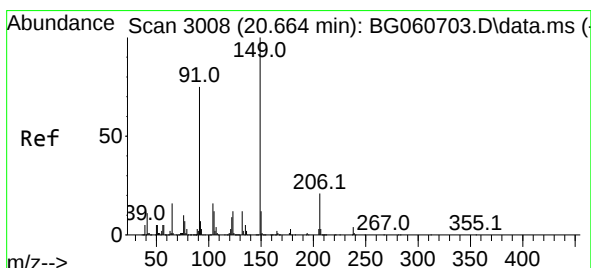
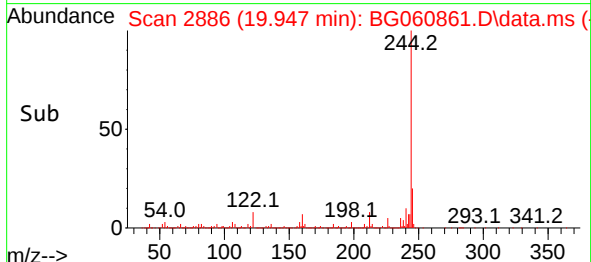
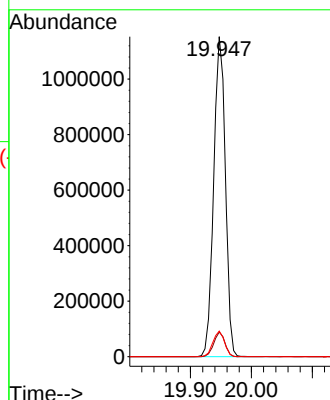
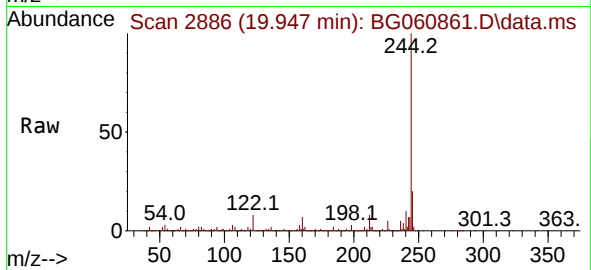
122 8.0 7.8 11.8

Manual Integrations

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Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#80

Butylbenzylphthalate

Concen: 45.514 ng

RT: 20.646 min Scan# 3005

Delta R.T. -0.018 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

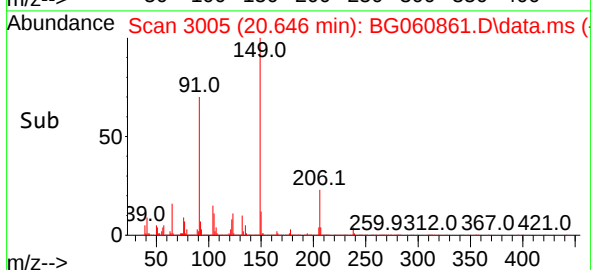
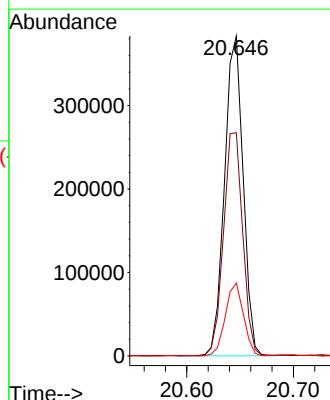
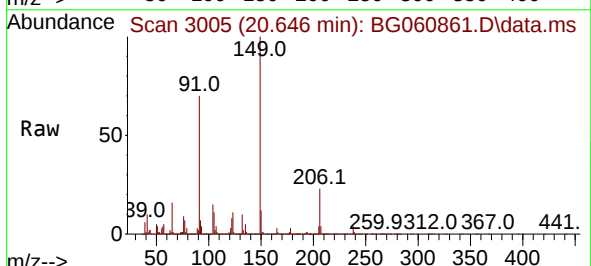
Tgt Ion:149 Resp: 463786

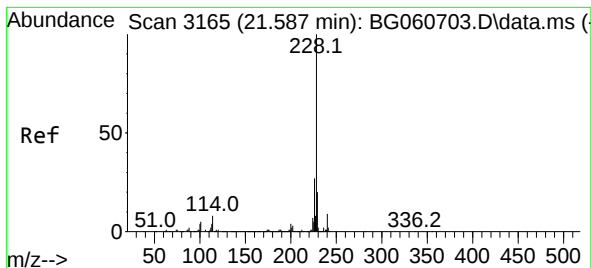
Ion Ratio Lower Upper

149 100

91 69.8 60.1 90.1

206 22.7 16.8 25.2





#81

Benzo(a)anthracene

Concen: 43.726 ng

RT: 21.569 min Scan# 3162

Delta R.T. -0.018 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:228 Resp: 1231078

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

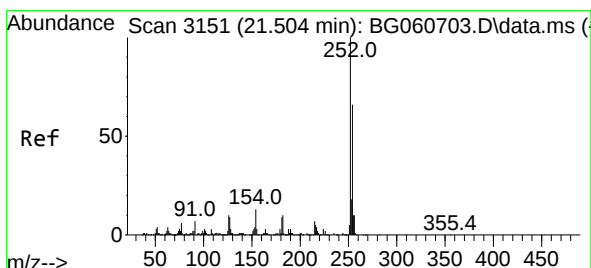
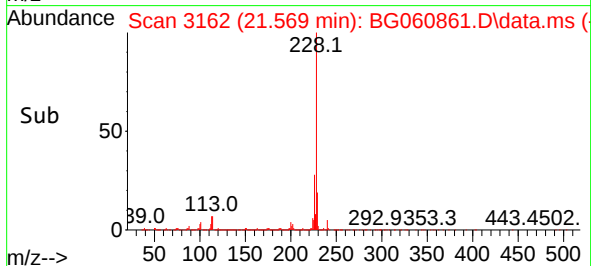
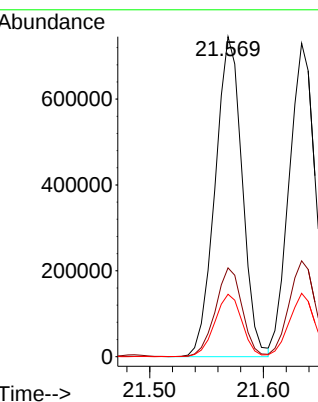
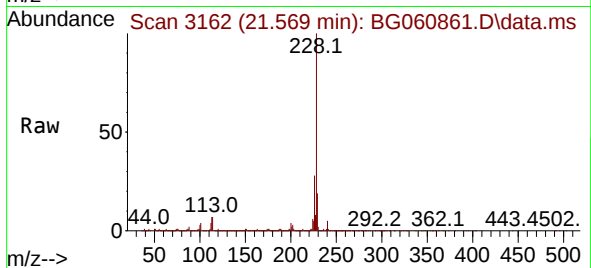
229 19.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#82

3,3'-Dichlorobenzidine

Concen: 33.004 ng

RT: 21.487 min Scan# 3148

Delta R.T. -0.018 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

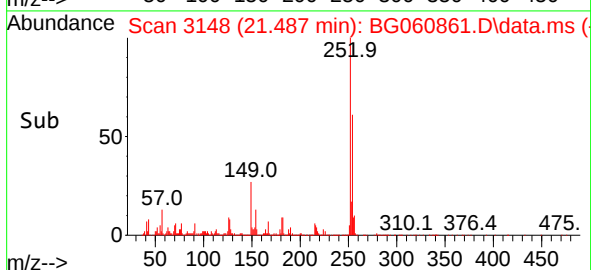
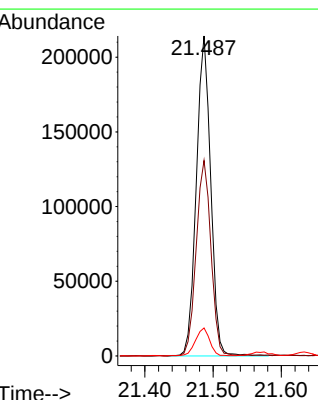
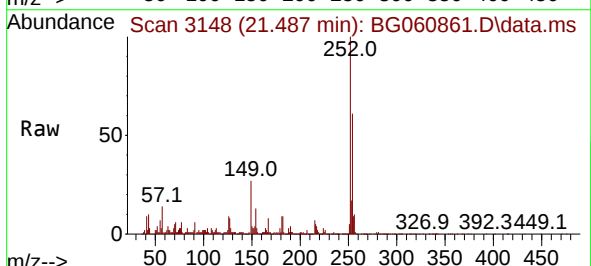
Tgt Ion:252 Resp: 313754

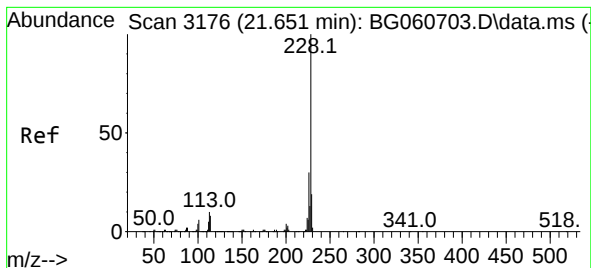
Ion Ratio Lower Upper

252 100

254 61.1 52.6 78.8

126 8.8 7.8 11.8





#83

Chrysene

Concen: 42.651 ng

RT: 21.634 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:228 Resp: 1157414

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

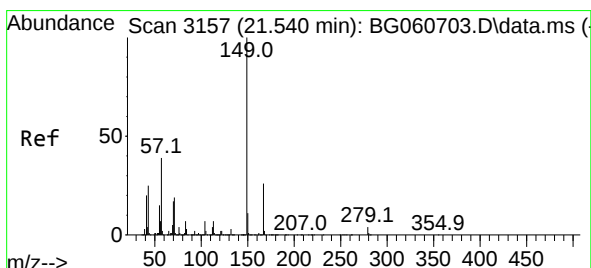
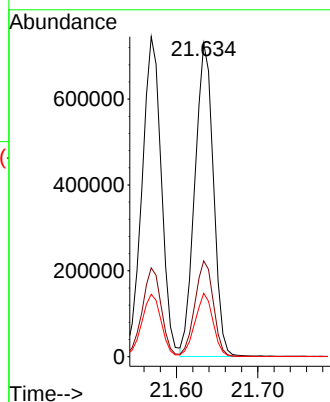
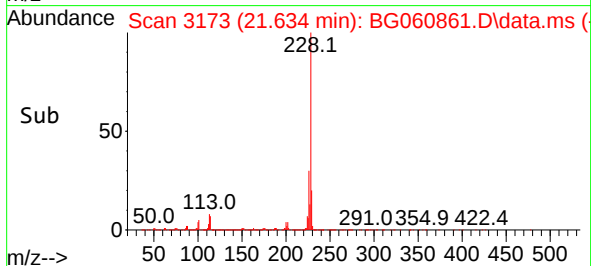
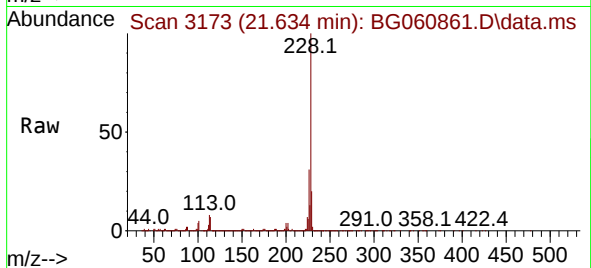
229 20.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.328 ng

RT: 21.504 min Scan# 3151

Delta R.T. -0.035 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

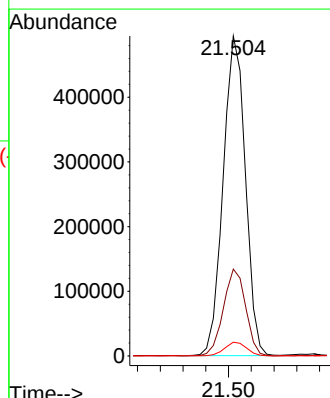
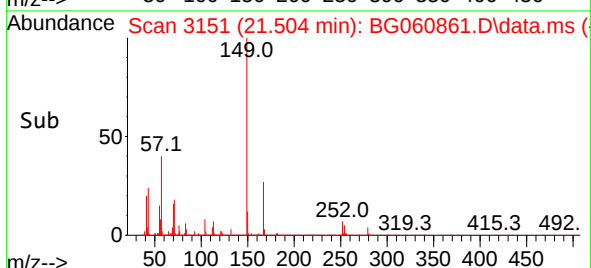
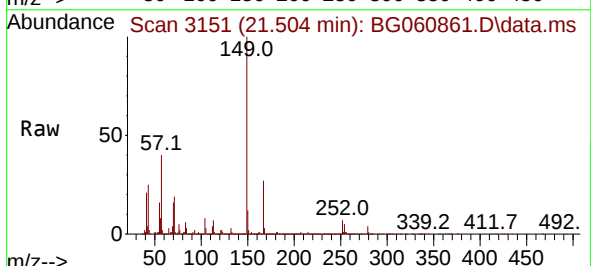
Tgt Ion:149 Resp: 671236

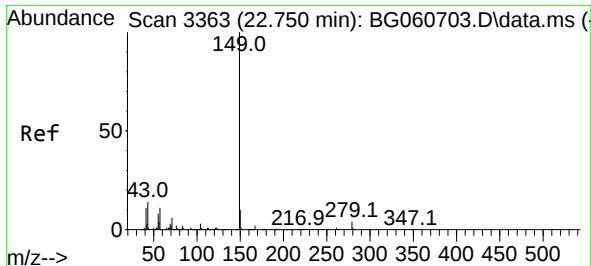
Ion Ratio Lower Upper

149 100

167 27.2 20.6 30.8

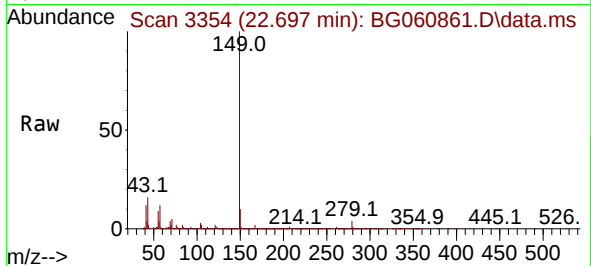
279 4.3 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 43.104 ng
RT: 22.697 min Scan# 31
Delta R.T. -0.053 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

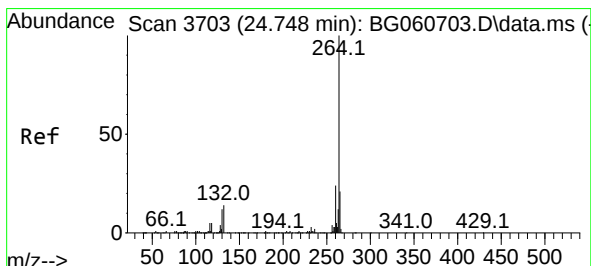
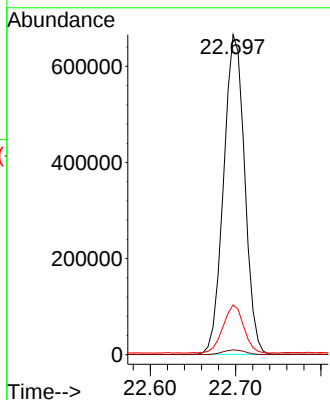
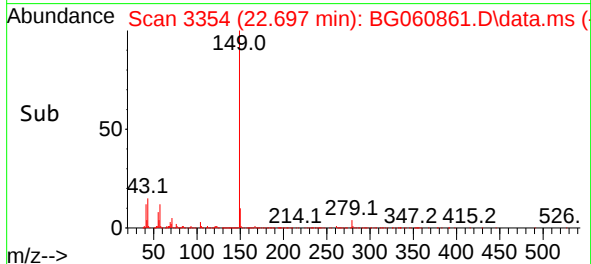
Instrument :
BNA_G
ClientSampleId :
TP-5MS



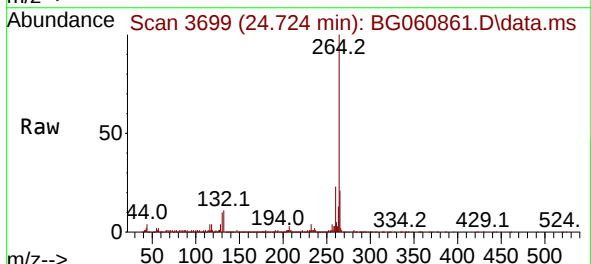
Tgt Ion:149 Resp: 1140489
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 14.9 11.3 16.9

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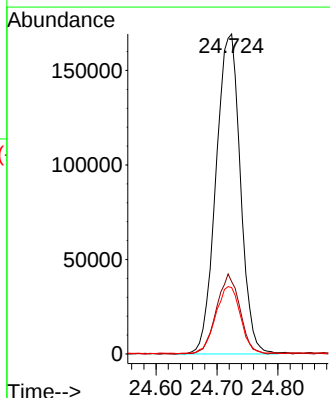
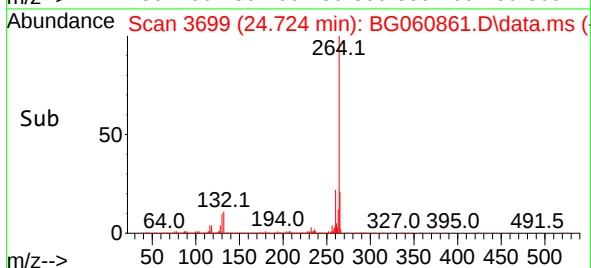
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024

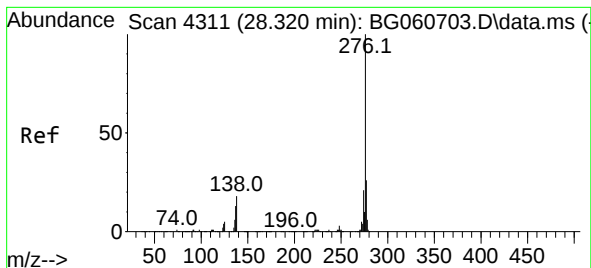


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3699
Delta R.T. -0.024 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12



Tgt Ion:264 Resp: 471161
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 20.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.494 ng

RT: 28.285 min Scan# 41

Delta R.T. -0.035 min

Lab File: BG060861.D

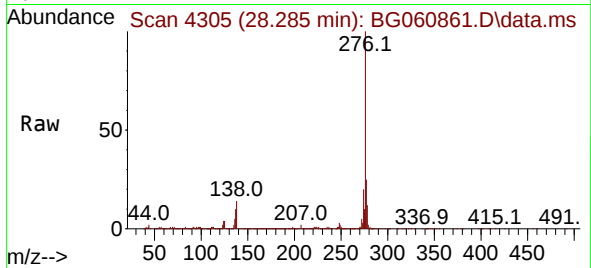
Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS



Tgt Ion:276 Resp: 1476270

Ion Ratio Lower Upper

276 100

138 11.9 12.4 18.6

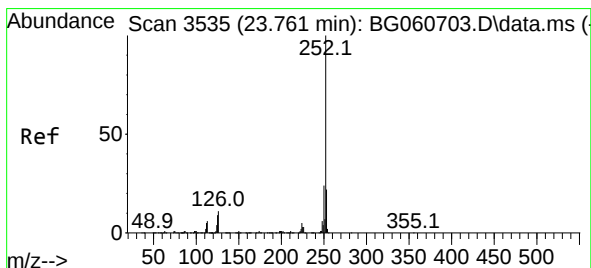
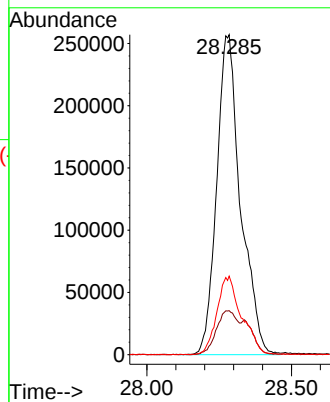
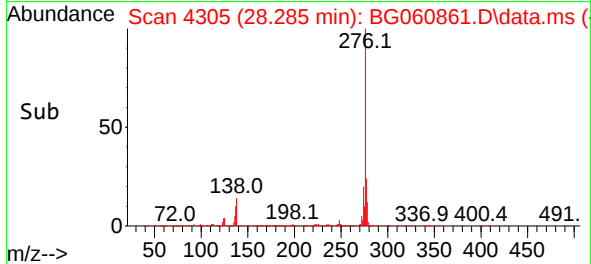
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#88

Benzo(b)fluoranthene

Concen: 43.915 ng

RT: 23.731 min Scan# 3530

Delta R.T. -0.029 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

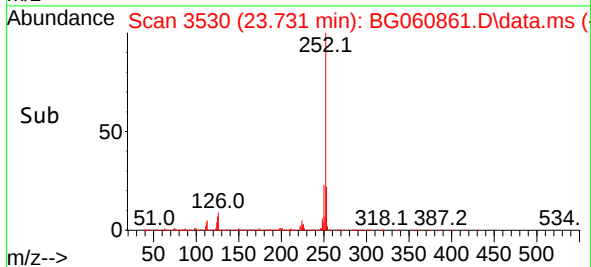
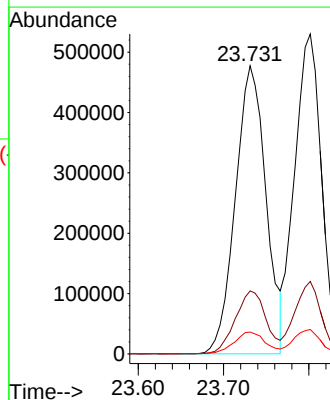
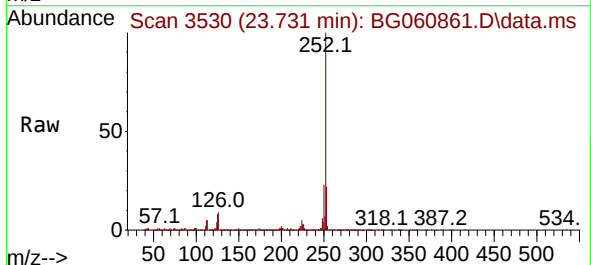
Tgt Ion:252 Resp: 1188702

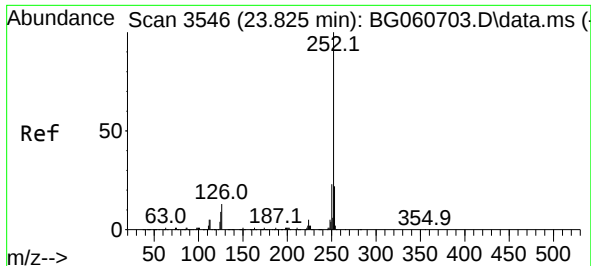
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

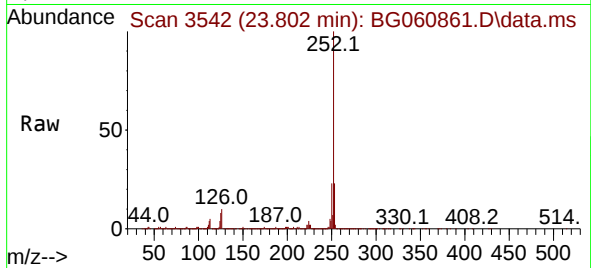
125 7.6 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 41.930 ng
RT: 23.802 min Scan# 3546
Delta R.T. -0.024 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

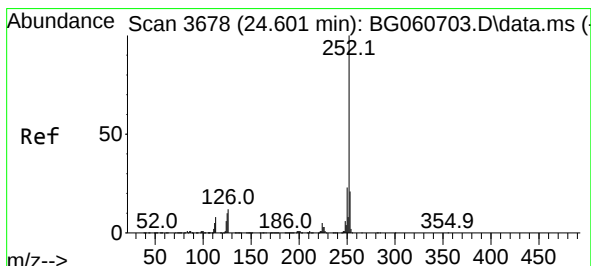
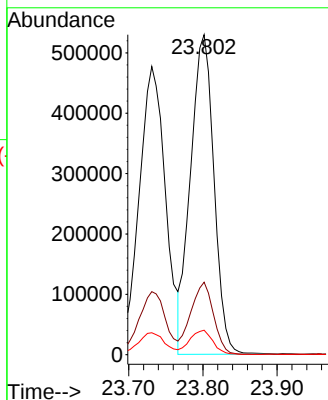
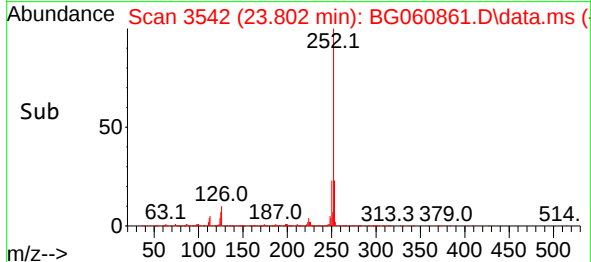
Instrument :
BNA_G
ClientSampleId :
TP-5MS



Tgt Ion:252 Resp: 1161678
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 7.6 7.5 11.3

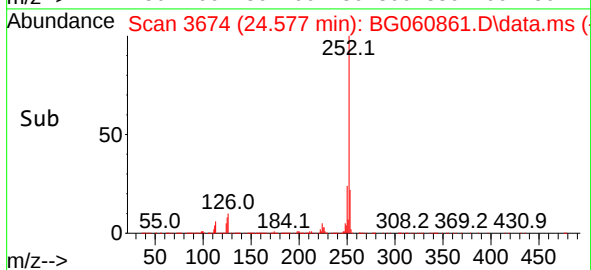
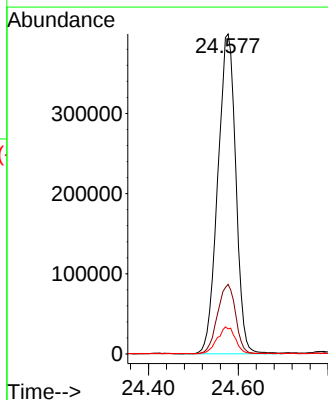
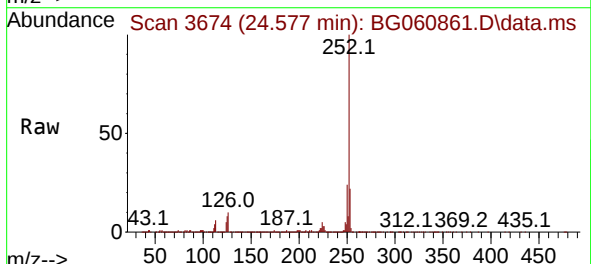
Manual Integrations
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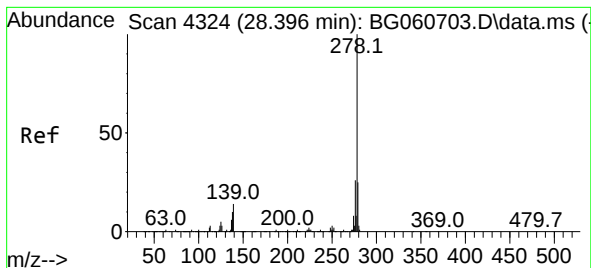
Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/17/2024



#90
Benzo(a)pyrene
Concen: 42.312 ng
RT: 24.577 min Scan# 3674
Delta R.T. -0.024 min
Lab File: BG060861.D
Acq: 11 Apr 2024 16:12

Tgt Ion:252 Resp: 1113012
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 7.8 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 43.625 ng

RT: 28.343 min Scan# 41

Delta R.T. -0.053 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Tgt Ion:278 Resp: 122017

Ion Ratio Lower Upper

278 100

139 11.8 11.1 16.7

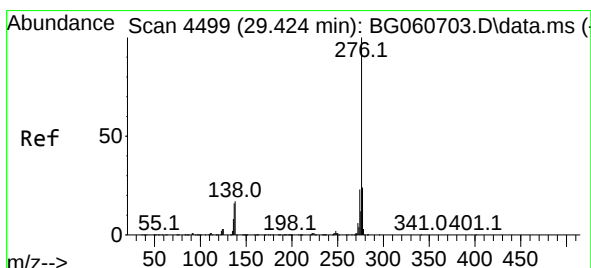
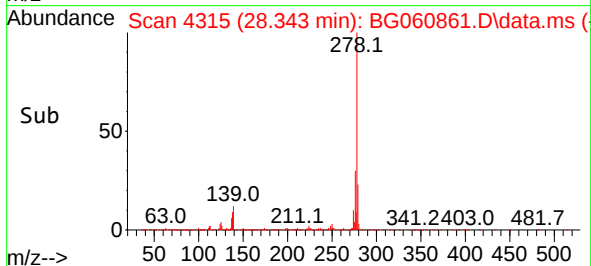
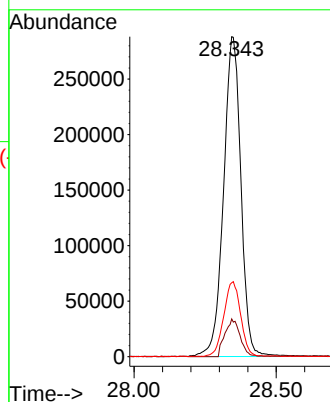
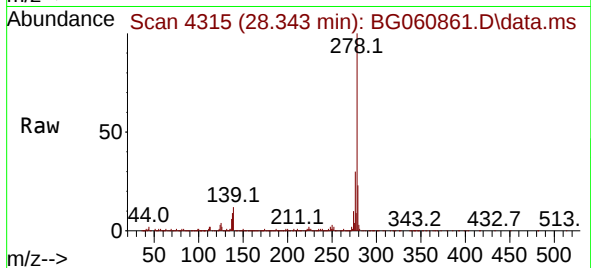
279 23.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024



#92

Benzo(g,h,i)perylene

Concen: 41.488 ng

RT: 29.383 min Scan# 4492

Delta R.T. -0.041 min

Lab File: BG060861.D

Acq: 11 Apr 2024 16:12

Tgt Ion:276 Resp: 1128802

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 15.5 14.0 21.0

