

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060999.D
 Acq On : 22 Apr 2024 20:11
 Operator : MA/JU
 Sample : P2126-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1CMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 02:21:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	27435	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	98634	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	76091	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	183385	20.000	ng	0.00
76) Chrysene-d12	21.593	240	188604	20.000	ng	0.01
86) Perylene-d12	24.724	264	229469	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	130347	96.103	ng	0.00
7) Phenol-d6	7.115	99	170400	84.674	ng	0.00
23) Nitrobenzene-d5	9.095	82	129117	58.814	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	151461	90.646	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	336764	61.254	ng	0.00
79) Terphenyl-d14	19.942	244	664552	54.693	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.449	88	15761	33.576	ng	92
3) Pyridine	3.837	79	43271	29.822	ng	93
4) n-Nitrosodimethylamine	3.755	42	48770	37.372	ng	92
6) Aniline	7.268	93	29713	12.285	ng	# 94
8) 2-Chlorophenol	7.509	128	72245	42.749	ng	94
9) Benzaldehyde	7.080	77	3753	3.626	ng	# 85
10) Phenol	7.145	94	83892	41.959	ng	94
11) bis(2-Chloroethyl)ether	7.362	93	56246	39.320	ng	93
12) 1,3-Dichlorobenzene	7.832	146	83798	44.714	ng	97
13) 1,4-Dichlorobenzene	7.979	146	84611	43.831	ng	95
14) 1,2-Dichlorobenzene	8.296	146	83441	44.229	ng	97
15) Benzyl Alcohol	8.179	79	73080	38.462	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.461	45	121463	39.006	ng	99
17) 2-Methylphenol	8.390	107	62551	38.746	ng	95
18) Hexachloroethane	9.025	117	31225	44.890	ng	99
19) n-Nitroso-di-n-propyla...	8.743	70	52794	35.202	ng	96
20) 3+4-Methylphenols	8.714	107	85992	38.087	ng	98
22) Acetophenone	8.761	105	116666	42.359	ng	95
24) Nitrobenzene	9.142	77	87456	41.458	ng	95
25) Isophorone	9.665	82	146963	40.001	ng	96
26) 2-Nitrophenol	9.847	139	42804	43.173	ng	93
27) 2,4-Dimethylphenol	9.918	122	54212	34.114	ng	92
28) bis(2-Chloroethoxy)met...	10.147	93	78809	40.777	ng	91
29) 2,4-Dichlorophenol	10.388	162	83976	45.786	ng	99
30) 1,2,4-Trichlorobenzene	10.600	180	96233	47.554	ng	93
31) Naphthalene	10.793	128	425929	78.876	ng	98
32) Benzoic acid	10.071	122	52281m	43.178	ng	
33) 4-Chloroaniline	10.893	127	28218	11.503	ng	95
34) Hexachlorobutadiene	11.075	225	79685	44.775	ng	98
35) Caprolactam	11.675	113	21025	35.990	ng	# 78
36) 4-Chloro-3-methylphenol	12.027	107	81625	38.159	ng	98
37) 2-Methylnaphthalene	12.397	142	215279	50.704	ng	95
38) 1-Methylnaphthalene	12.615	142	190498	48.081	ng	95
40) 1,2,4,5-Tetrachloroben...	12.768	216	136115	50.337	ng	99
41) Hexachlorocyclopentadiene	12.744	237	54604	34.319	ng	95
43) 2,4,6-Trichlorophenol	13.008	196	81535	45.870	ng	98

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Manual Integrations

APPROVED

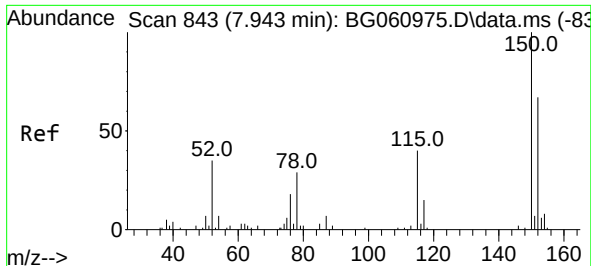
Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	88051	41.876	ng	98
46) 1,1'-Biphenyl	13.408	154	255455	49.841	ng	98
47) 2-Chloronaphthalene	13.449	162	187266	47.653	ng	97
48) 2-Nitroaniline	13.649	65	65357	41.208	ng	95
49) Acenaphthylene	14.295	152	309259	46.727	ng	100
50) Dimethylphthalate	14.031	163	246534	39.291	ng	98
51) 2,6-Dinitrotoluene	14.148	165	52087	39.785	ng	93
52) Acenaphthene	14.642	154	311008	77.335	ng	98
53) 3-Nitroaniline	14.471	138	34165	26.465	ng	99
54) 2,4-Dinitrophenol	14.683	184	25088	32.932	ng	92
55) Dibenzofuran	14.971	168	429499	61.848	ng	96
56) 4-Nitrophenol	14.795	139	81370	87.980	ng	96
57) 2,4-Dinitrotoluene	14.942	165	77466	41.083	ng	97
58) Fluorene	15.623	166	412714	70.411	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	90094m	42.454	ng	
60) Diethylphthalate	15.394	149	242629	39.265	ng	98
61) 4-Chlorophenyl-phenyle...	15.617	204	147578	40.824	ng	97
62) 4-Nitroaniline	15.635	138	49879	35.832	ng	91
63) Azobenzene	15.911	77	204010	40.591	ng	92
65) 4,6-Dinitro-2-methylph...	15.705	198	23214	20.501	ng	97
66) n-Nitrosodiphenylamine	15.829	169	221641	43.869	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	107039	44.227	ng	97
68) Hexachlorobenzene	16.634	284	128809	48.183	ng	99
69) Atrazine	16.786	200	96209	50.879	ng	98
70) Pentachlorophenol	16.980	266	170843	97.459	ng	98
71) Phenanthrene	17.380	178	3075277	328.536	ng	95
72) Anthracene	17.462	178	1016902	105.482	ng	98
73) Carbazole	17.726	167	658889	82.294	ng	98
74) Di-n-butylphthalate	18.291	149	400131	41.163	ng	99
75) Fluoranthene	19.395	202	4098512	329.921	ng	87
77) Benzidine	19.560	184	118813	33.999	ng	99
78) Pyrene	19.759	202	3691582	287.462	ng	# 91
80) Butylbenzylphthalate	20.635	149	175933	41.103	ng	98
81) Benzo(a)anthracene	21.581	228	2332006	175.868	ng	93
82) 3,3'-Dichlorobenzidine	21.487	252	150829	31.474	ng	99
83) Chrysene	21.645	228	2142568	169.714	ng	97
84) Bis(2-ethylhexyl)phtha...	21.493	149	260978	41.937	ng	98
85) Di-n-octyl phthalate	22.680	149	425519	41.186	ng	98
87) Indeno(1,2,3-cd)pyrene	28.302	276	1227304	77.100	ng	92
88) Benzo(b)fluoranthene	23.755	252	2434259	187.195	ng	100
89) Benzo(k)fluoranthene	23.819	252	1376526m	104.860	ng	
90) Benzo(a)pyrene	24.601	252	1941652	154.261	ng	99
91) Dibenzo(a,h)anthracene	28.361	278	566677	43.572	ng	99
92) Benzo(g,h,i)perylene	29.413	276	950004	73.671	ng	96

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



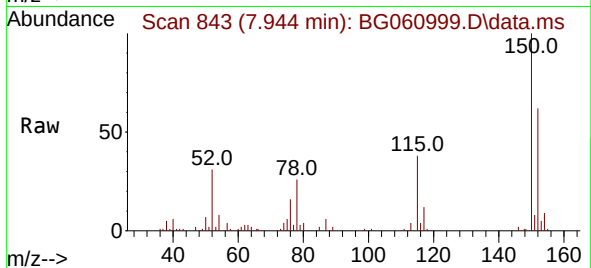
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.944 min Scan# 843
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

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SP-1CMSD

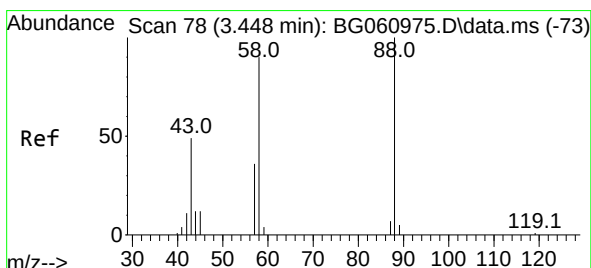
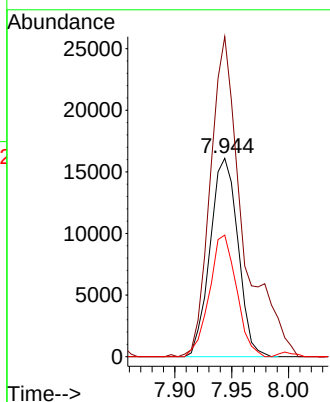
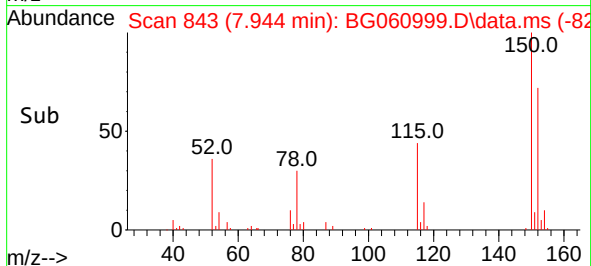


Tgt Ion:152 Resp: 27435
 Ion Ratio Lower Upper
 152 100
 150 161.2 118.6 178.0
 115 61.2 47.4 71.0

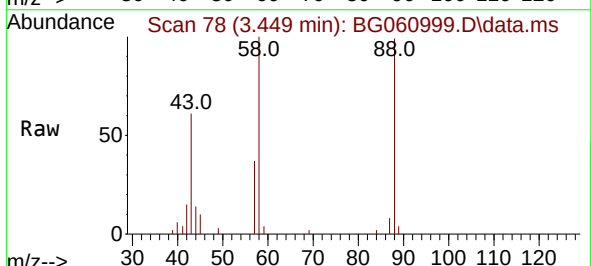
Manual Integrations

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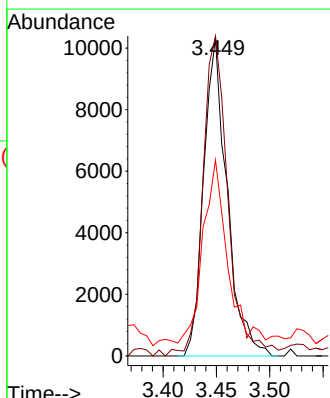
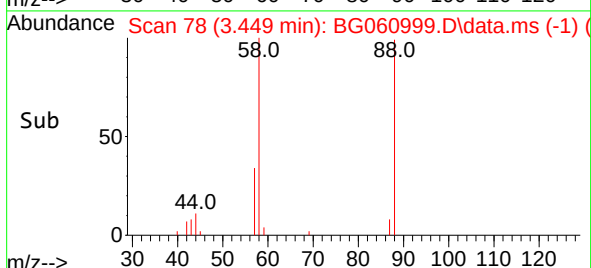
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

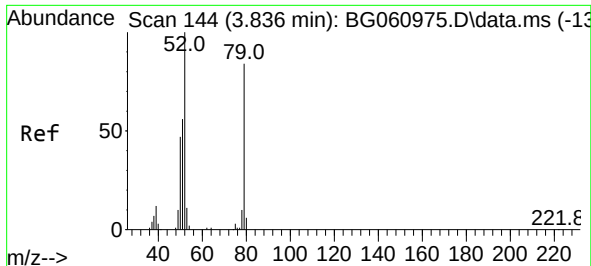


#2
 1,4-Dioxane
 Concen: 33.576 ng
 RT: 3.449 min Scan# 78
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11



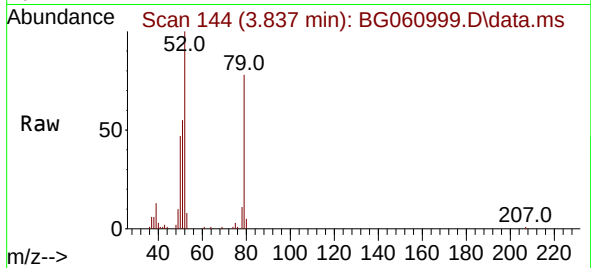
Tgt Ion: 88 Resp: 15761
 Ion Ratio Lower Upper
 88 100
 58 107.8 80.2 120.2
 43 60.5 43.4 65.0





#3
Pyridine
Concen: 29.822 ng
RT: 3.837 min Scan# 144
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

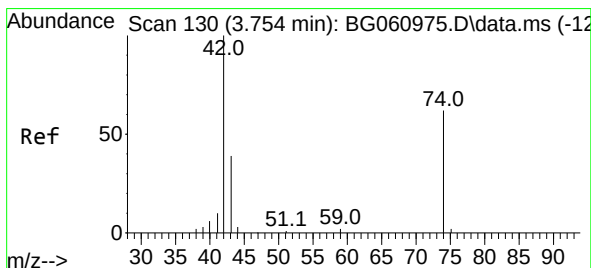
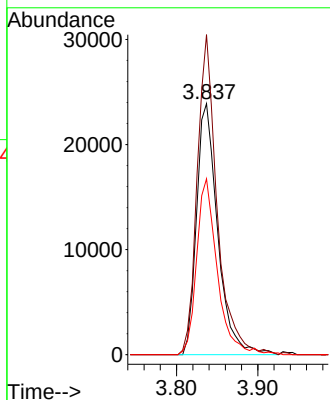
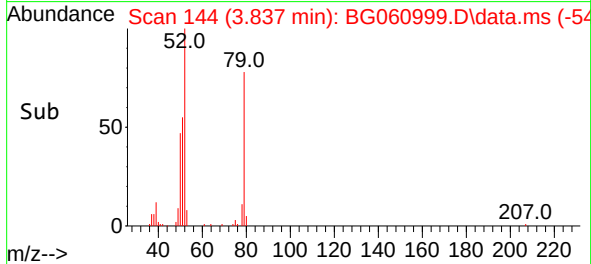
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



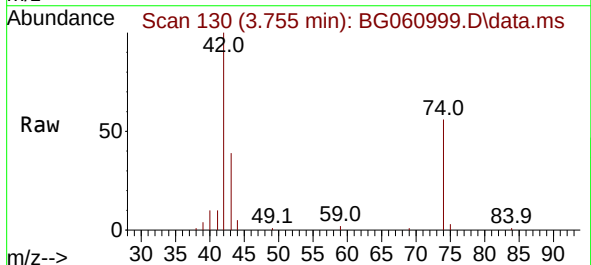
Tgt Ion: 79 Resp: 4327
Ion Ratio Lower Upper
79 100
52 127.5 95.0 142.6
51 70.0 53.3 79.9

Manual Integrations
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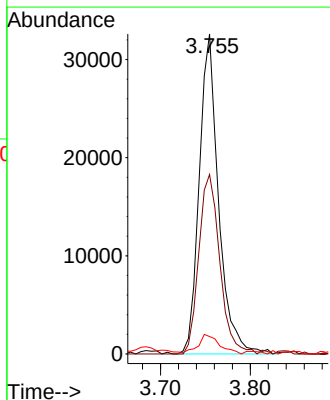
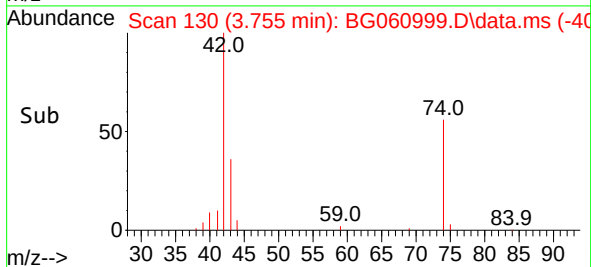
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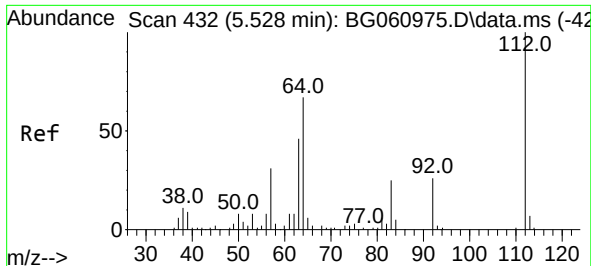


#4
n-Nitrosodimethylamine
Concen: 37.372 ng
RT: 3.755 min Scan# 130
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



Tgt Ion: 42 Resp: 48770
Ion Ratio Lower Upper
42 100
74 56.1 49.8 74.6
44 5.4 3.8 5.6





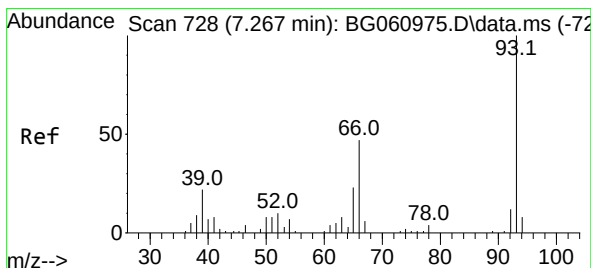
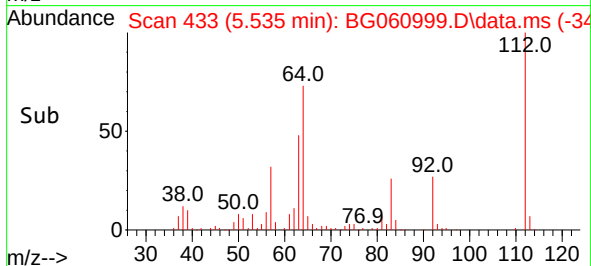
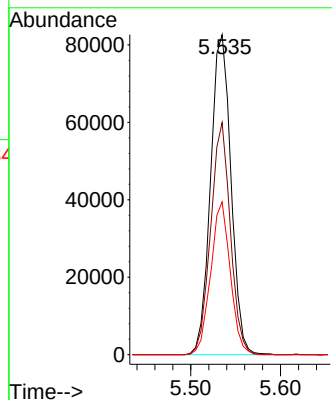
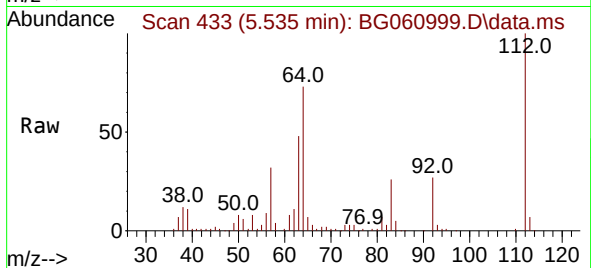
#5
2-Fluorophenol
Concen: 96.103 ng
RT: 5.535 min Scan# 432
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :
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SP-1CMSD

Tgt Ion:112 Resp: 13034
Ion Ratio Lower Upper
112 100
64 72.5 53.7 80.5
63 47.8 37.0 55.6

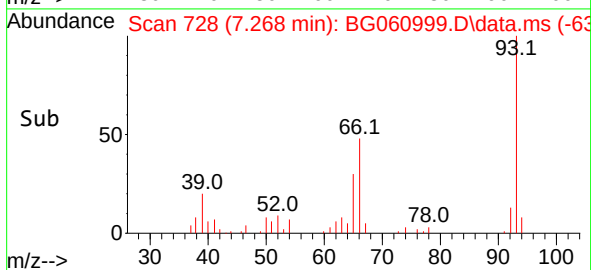
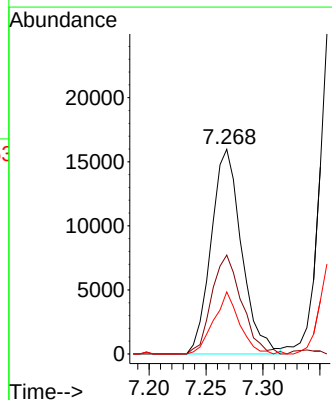
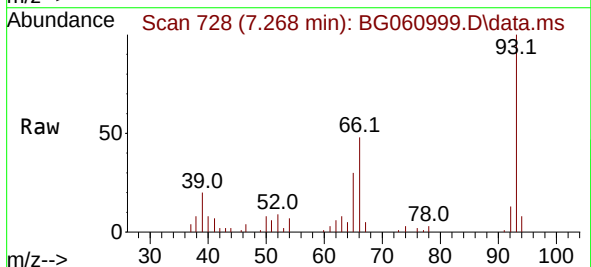
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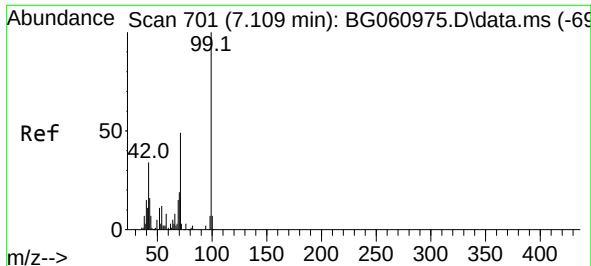
Reviewed By :Yogesh Patel 04/24/2024
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#6
Aniline
Concen: 12.285 ng
RT: 7.268 min Scan# 728
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

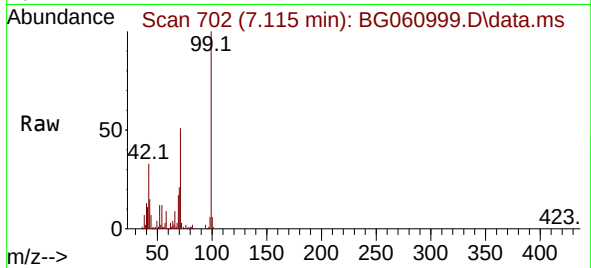
Tgt Ion: 93 Resp: 29713
Ion Ratio Lower Upper
93 100
66 48.3 37.9 56.9
65 30.3 18.2 27.4#





#7
Phenol-d6
Concen: 84.674 ng
RT: 7.115 min Scan# 701
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

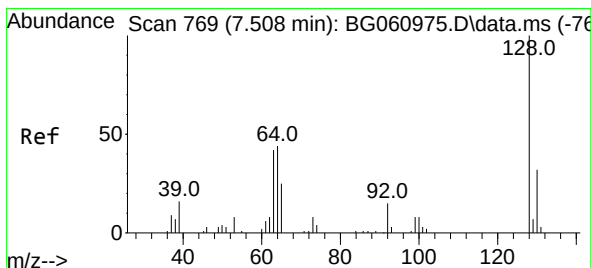
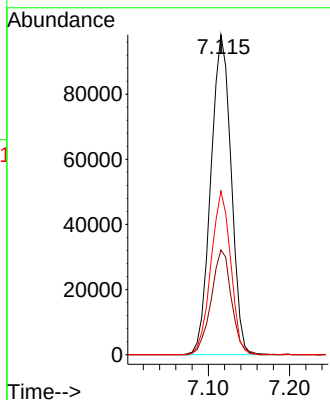
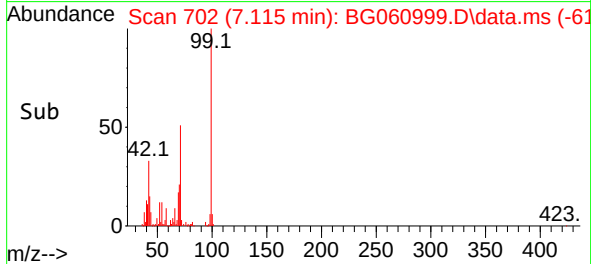
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 170400
Ion Ratio Lower Upper
99 100
42 32.7 27.2 40.8
71 51.2 38.8 58.2

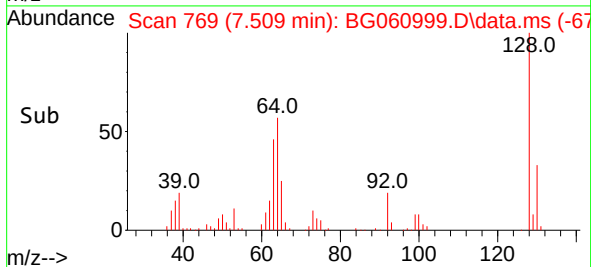
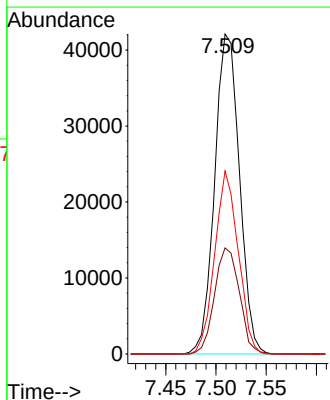
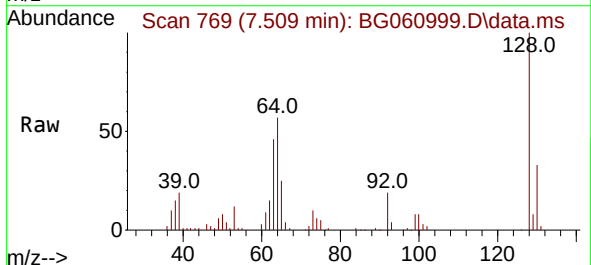
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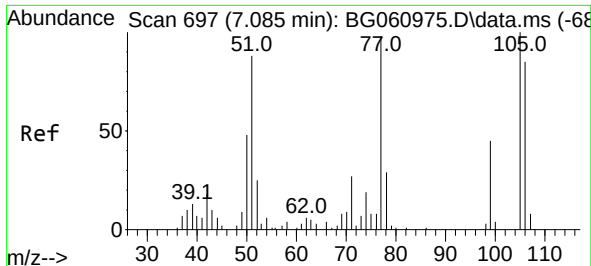
Reviewed By :Yogesh Patel 04/24/2024
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#8
2-Chlorophenol
Concen: 42.749 ng
RT: 7.509 min Scan# 769
Delta R.T. 0.001 min
Lab File: BG060999.D
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Tgt Ion:128 Resp: 72245
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 57.2 30.8 70.8





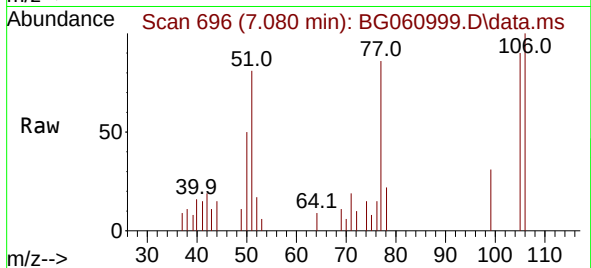
#9
Benzaldehyde
Concen: 3.626 ng
RT: 7.080 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

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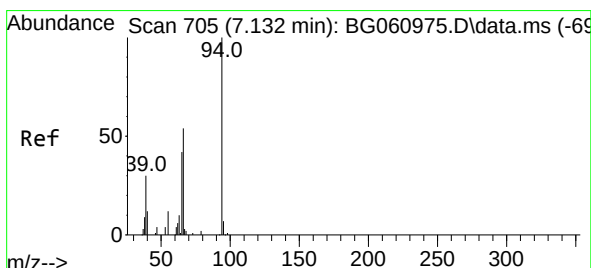
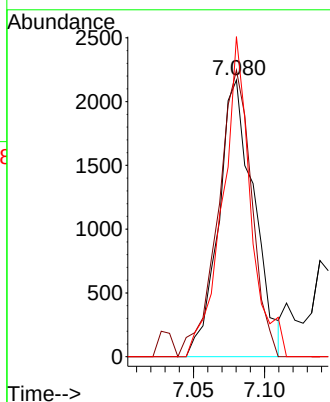
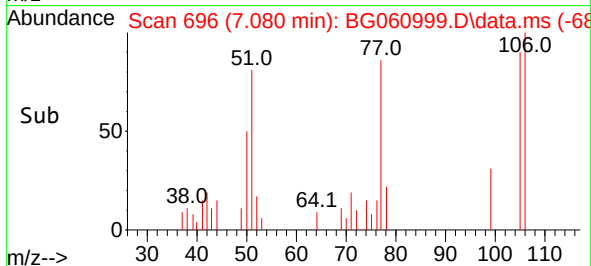
Tgt Ion: 77 Resp: 375
Ion Ratio Lower Upper
77 100
105 103.6 81.7 121.7
106 115.7 66.7 106.7

Manual Integrations

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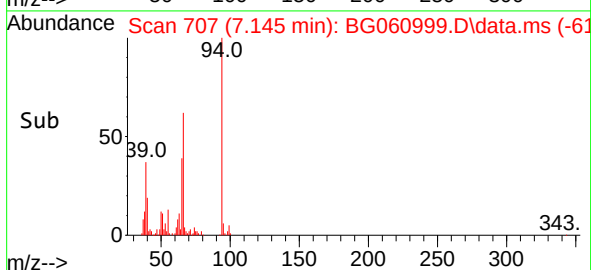
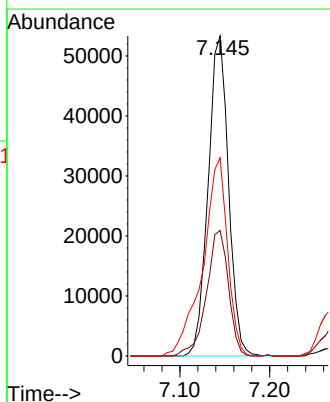
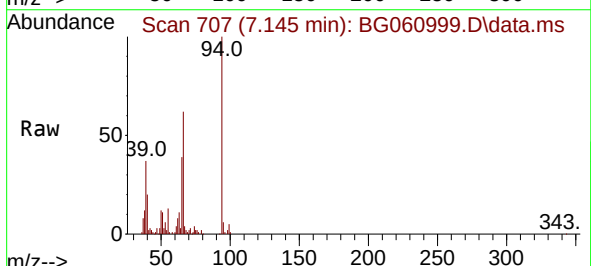
Reviewed By :Yogesh Patel 04/24/2024

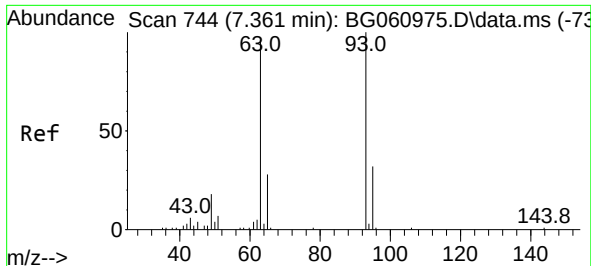
Supervised By :mohammad ahmed 04/24/2024



#10
Phenol
Concen: 41.959 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

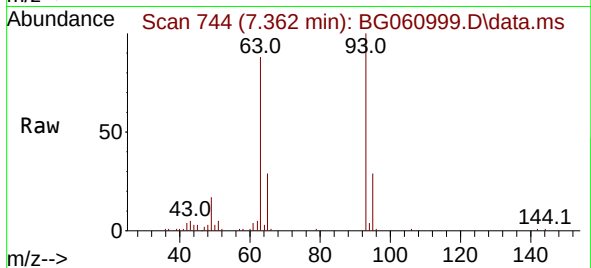
Tgt Ion: 94 Resp: 83892
Ion Ratio Lower Upper
94 100
65 39.2 23.1 63.1
66 61.9 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 39.320 ng
RT: 7.362 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

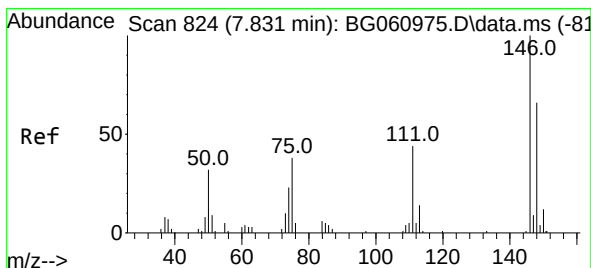
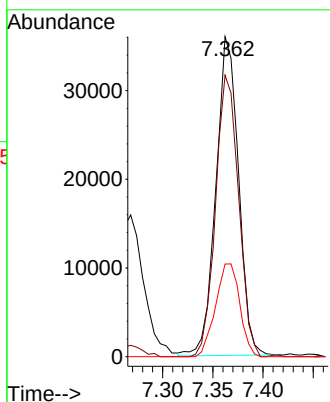
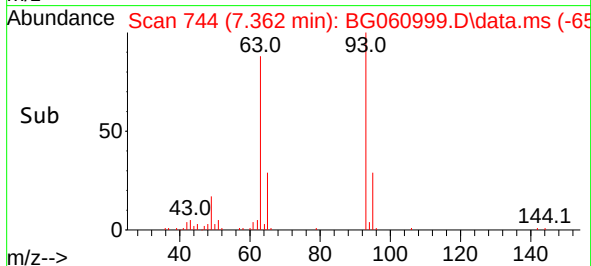
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion: 93 Resp: 56240
Ion Ratio Lower Upper
93 100
63 88.0 75.6 115.6
95 29.0 12.1 52.1

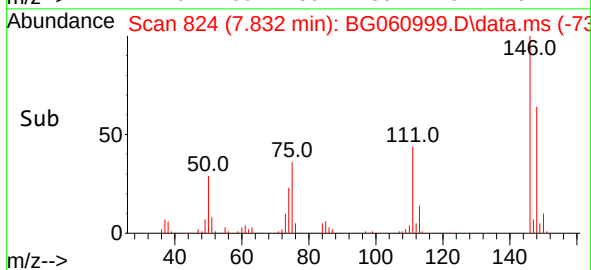
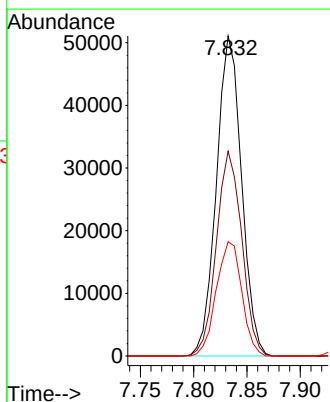
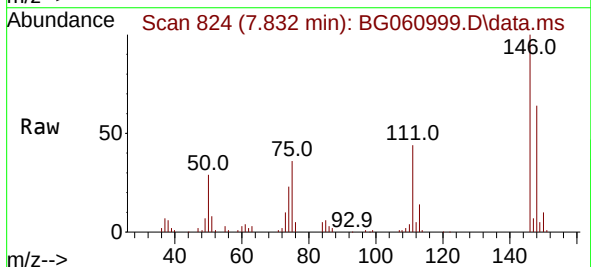
Manual Integrations
APPROVED

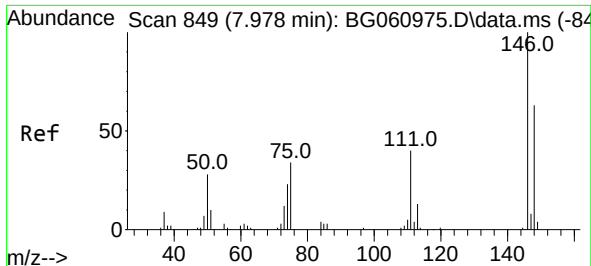
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#12
1,3-Dichlorobenzene
Concen: 44.714 ng
RT: 7.832 min Scan# 824
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:146 Resp: 83798
Ion Ratio Lower Upper
146 100
148 64.0 52.7 79.1
75 35.7 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 43.831 ng

RT: 7.979 min Scan# 849

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

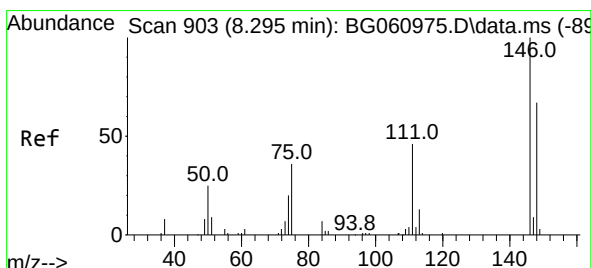
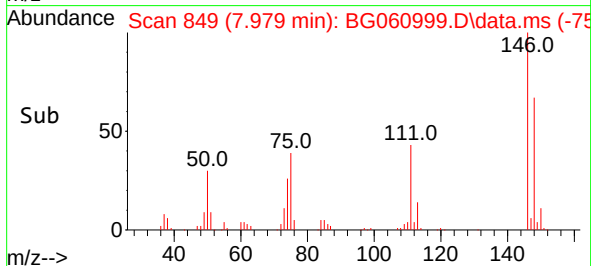
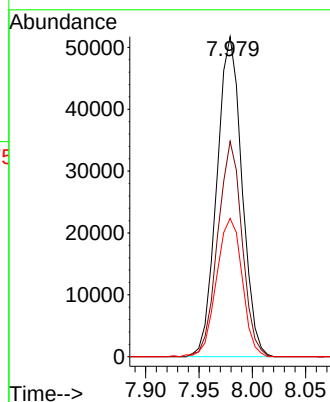
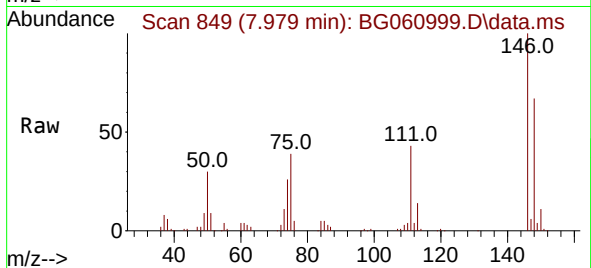
Tgt Ion:146 Resp: 8461
 Ion Ratio Lower Upper
 146 100
 148 67.3 50.4 75.6
 111 43.2 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#14

1,2-Dichlorobenzene

Concen: 44.229 ng

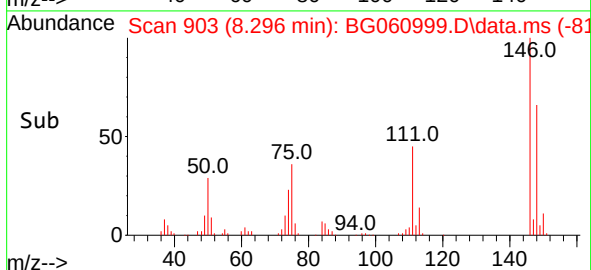
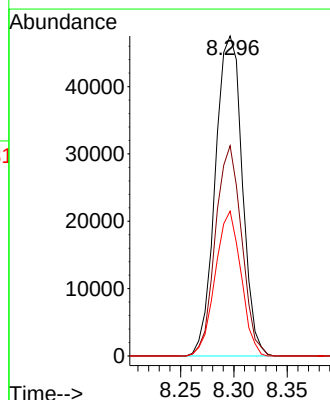
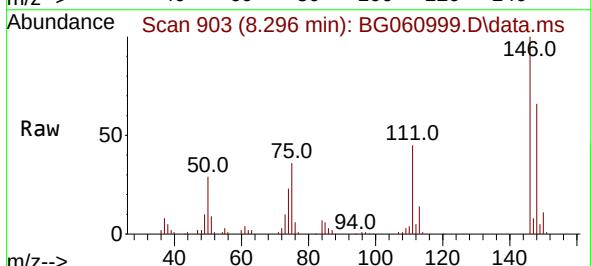
RT: 8.296 min Scan# 903

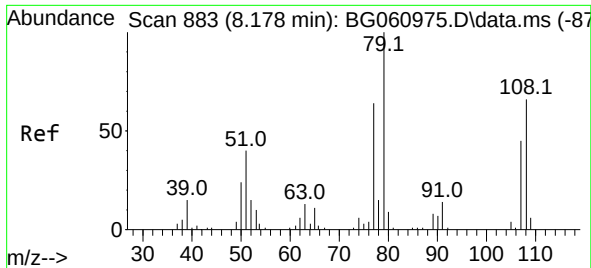
Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Tgt Ion:146 Resp: 83441
 Ion Ratio Lower Upper
 146 100
 148 65.7 53.8 80.8
 111 45.2 38.2 57.2





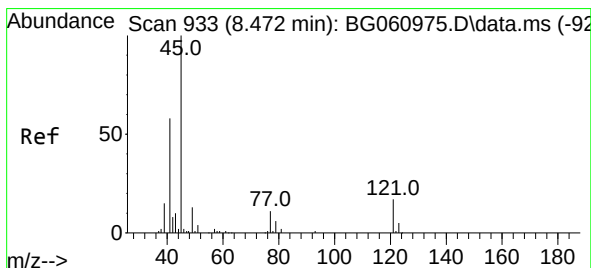
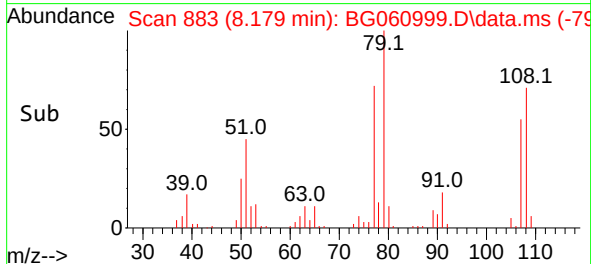
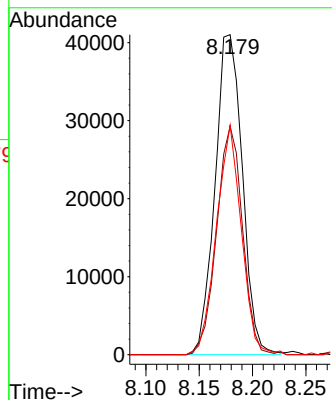
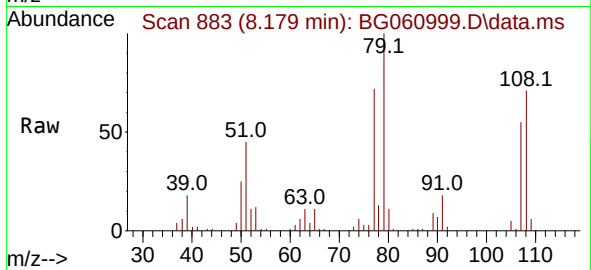
#15
Benzyl Alcohol
Concen: 38.462 ng
RT: 8.179 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

Tgt Ion: 79 Resp: 73080
Ion Ratio Lower Upper
79 100
108 71.4 53.0 79.6
77 71.7 51.4 77.0

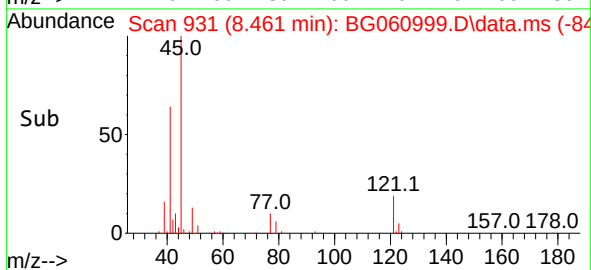
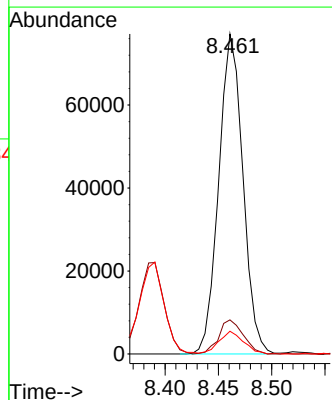
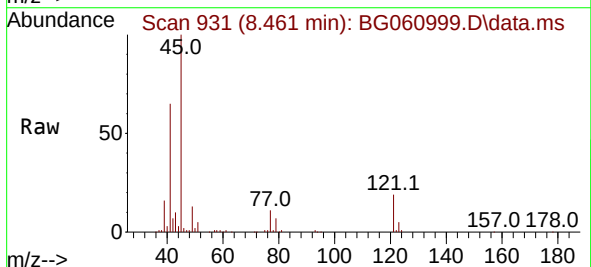
Manual Integrations
APPROVED

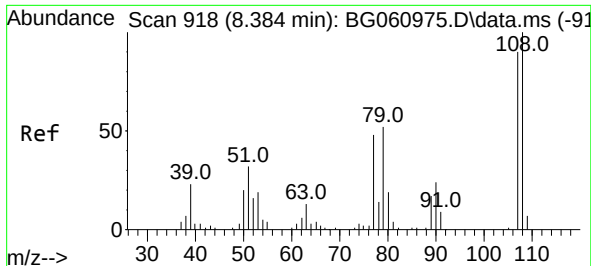
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.006 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.011 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

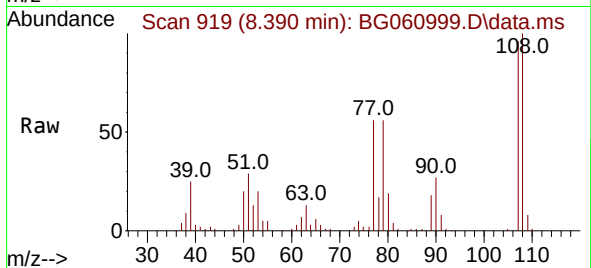
Tgt Ion: 45 Resp: 121463
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.6
79 7.1 0.0 26.6





#17
2-Methylphenol
Concen: 38.746 ng
RT: 8.390 min Scan# 918
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

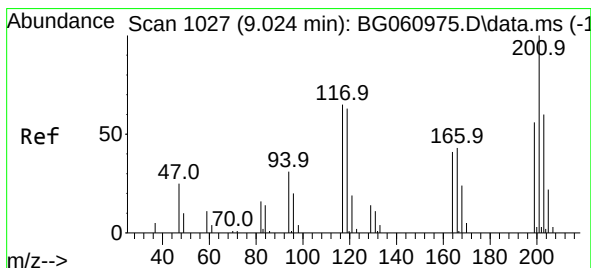
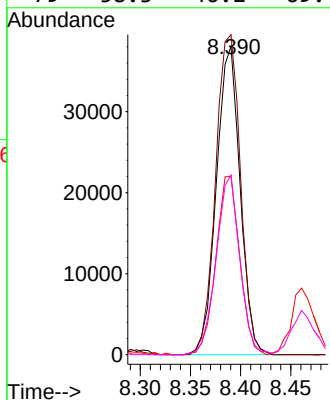
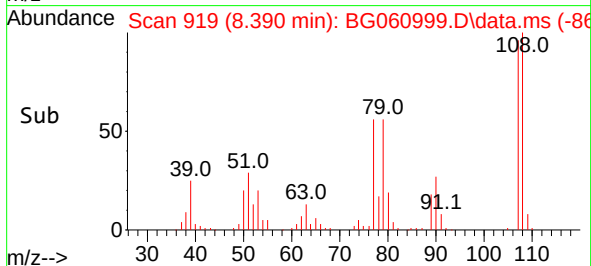
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion:107 Resp: 6255
Ion Ratio Lower Upper
107 100
108 103.8 89.2 133.8
77 57.9 43.0 64.6
79 58.3 46.2 69.4

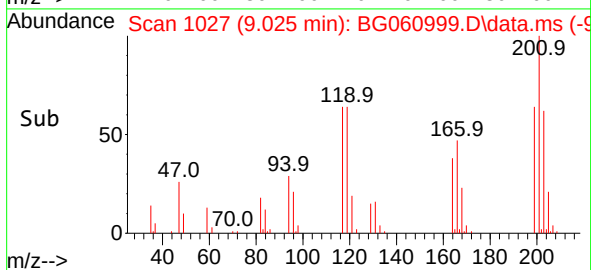
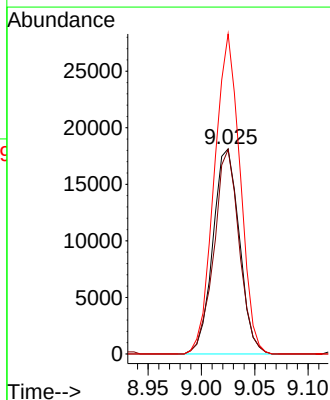
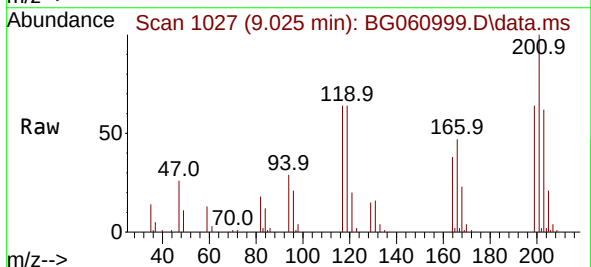
Manual Integrations
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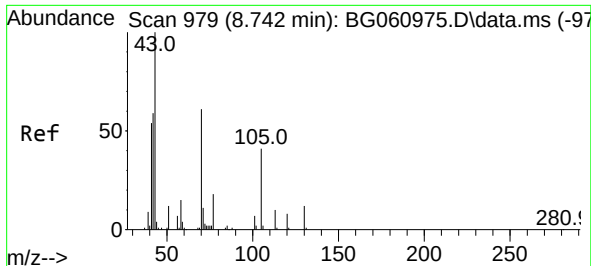
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#18
Hexachloroethane
Concen: 44.890 ng
RT: 9.025 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

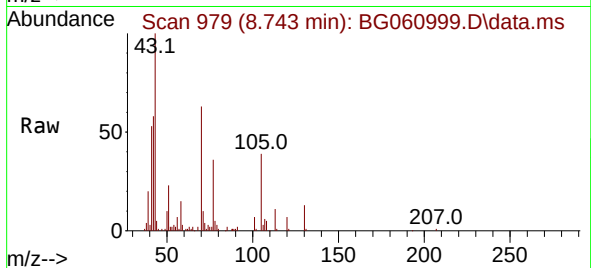
Tgt Ion:117 Resp: 31225
Ion Ratio Lower Upper
117 100
119 99.6 79.8 119.8
201 156.0 124.0 186.0





#19
n-Nitroso-di-n-propylamine
Concen: 35.202 ng
RT: 8.743 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

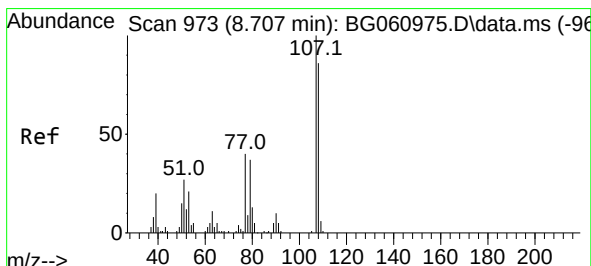
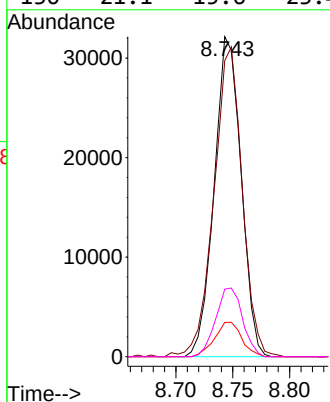
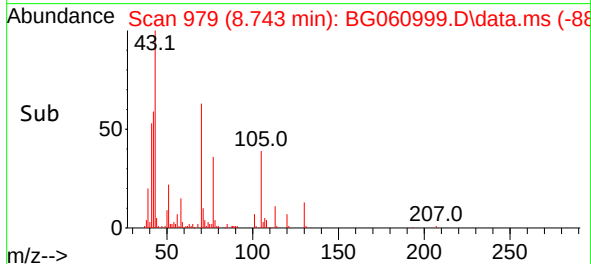
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion: 70 Resp: 52794
Ion Ratio Lower Upper
70 100
42 92.5 78.0 117.0
101 10.7 8.6 13.0
130 21.1 15.6 23.4

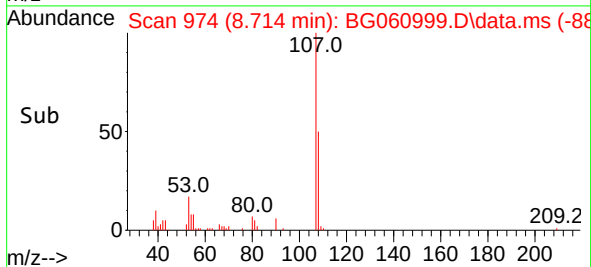
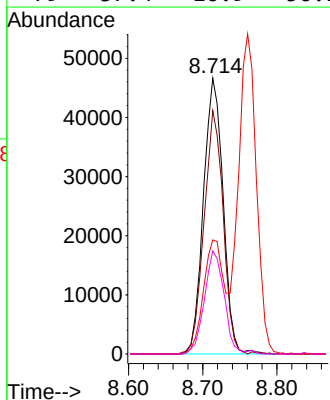
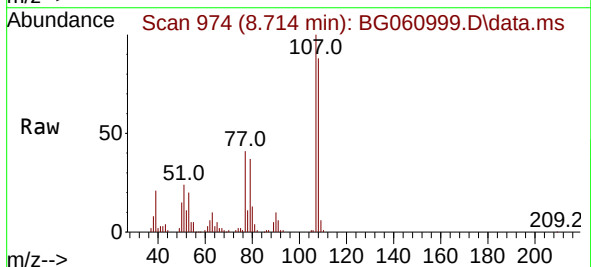
Manual Integrations
APPROVED

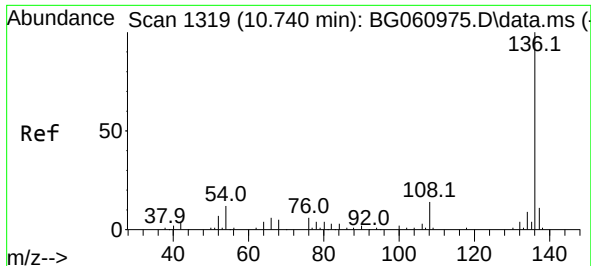
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#20
3+4-Methylphenols
Concen: 38.087 ng
RT: 8.714 min Scan# 974
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:107 Resp: 85992
Ion Ratio Lower Upper
107 100
108 88.3 66.5 106.5
77 41.4 19.9 59.9
79 37.4 16.9 56.9





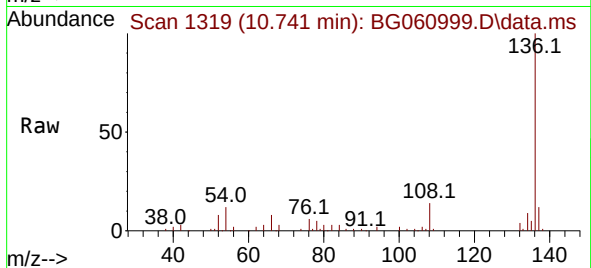
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1319
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD



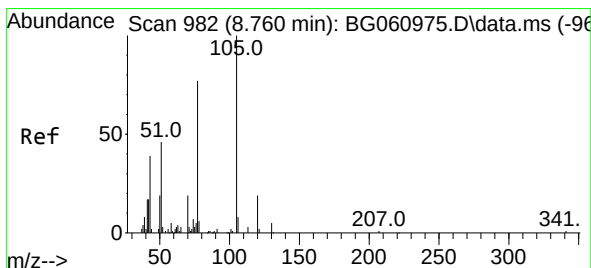
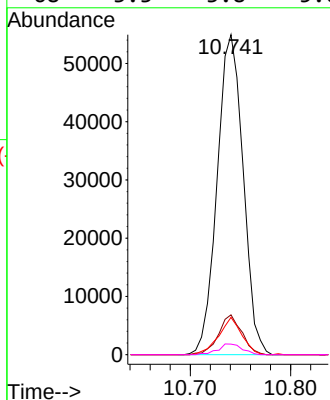
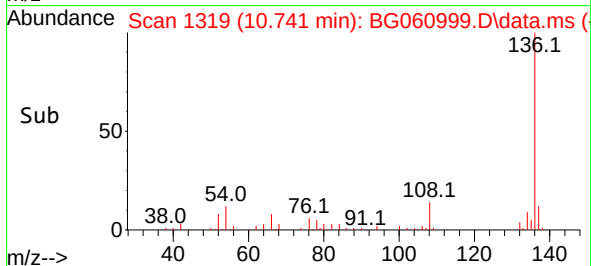
Tgt Ion:136 Resp: 98634
Ion Ratio Lower Upper
136 100
137 12.5 8.5 12.7
54 11.6 9.4 14.0
68 3.3 3.8 5.6#

Manual Integrations

APPROVED

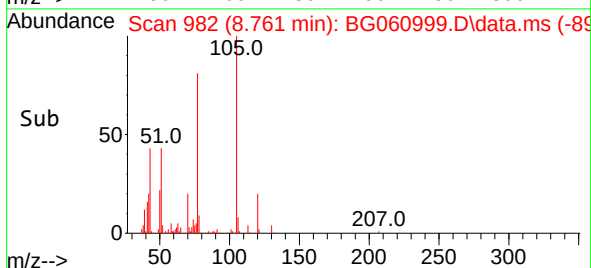
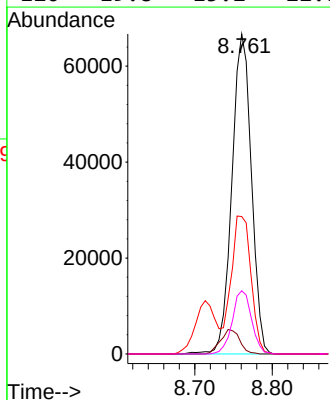
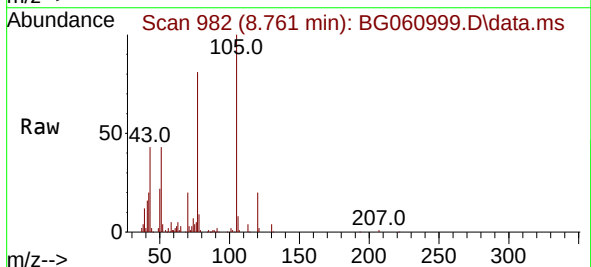
Reviewed By :Yogesh Patel 04/24/2024

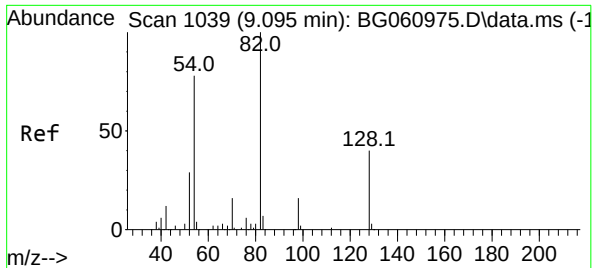
Supervised By :mohammad ahmed 04/24/2024



#22
Acetophenone
Concen: 42.359 ng
RT: 8.761 min Scan# 982
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:105 Resp: 116666
Ion Ratio Lower Upper
105 100
71 3.0 2.5 3.7
51 43.0 37.8 56.6
120 19.8 15.2 22.8





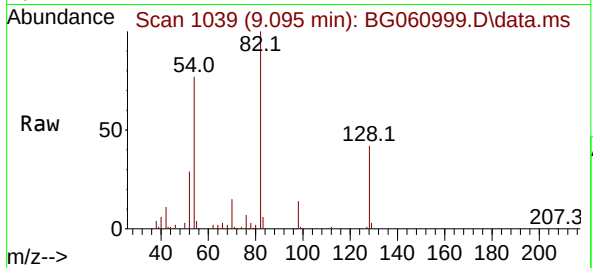
#23
Nitrobenzene-d5
Concen: 58.814 ng
RT: 9.095 min Scan# 1039
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD



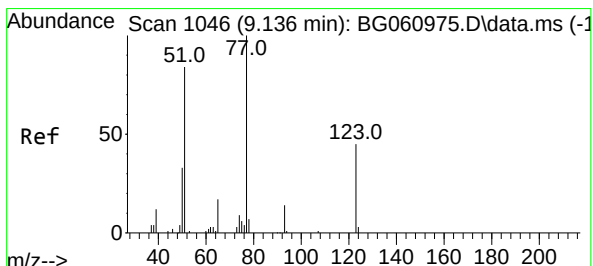
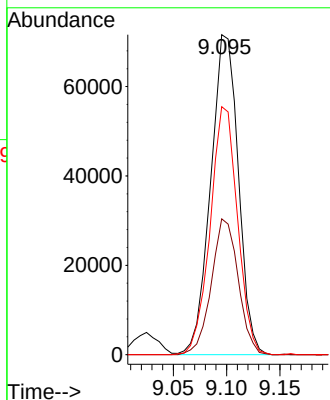
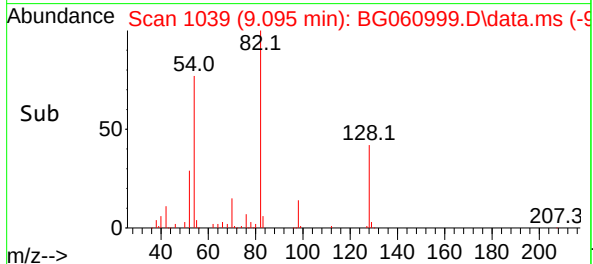
Tgt Ion: 82 Resp: 12911
Ion Ratio Lower Upper
82 100
128 42.5 32.1 48.1
54 77.5 62.3 93.5

Manual Integrations

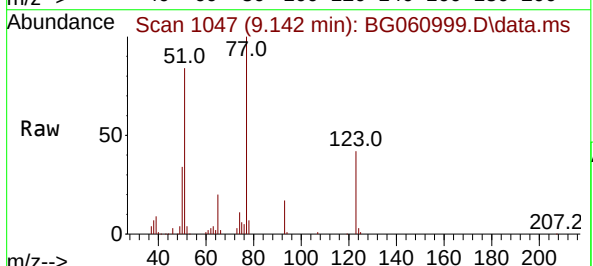
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

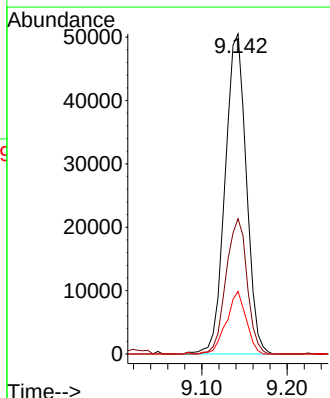
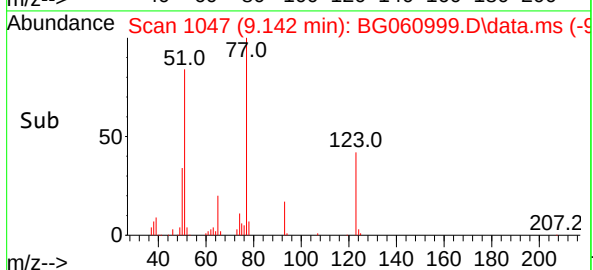
Supervised By :mohammad ahmed 04/24/2024

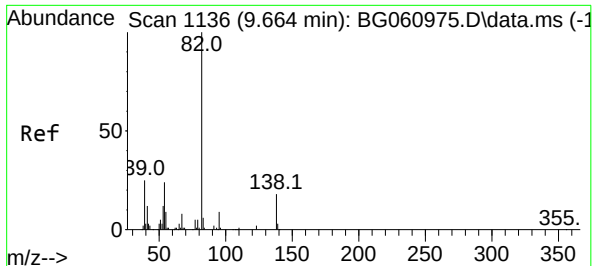


#24
Nitrobenzene
Concen: 41.458 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.006 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



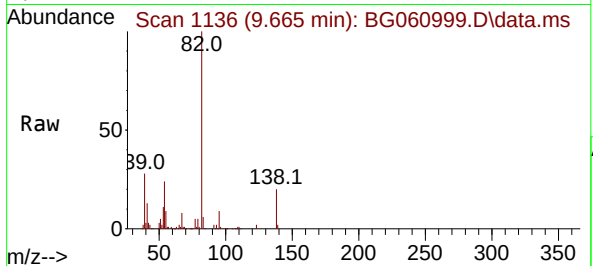
Tgt Ion: 77 Resp: 87456
Ion Ratio Lower Upper
77 100
123 42.3 35.9 53.9
65 19.6 13.3 19.9





#25
Isophorone
Concen: 40.001 ng
RT: 9.665 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

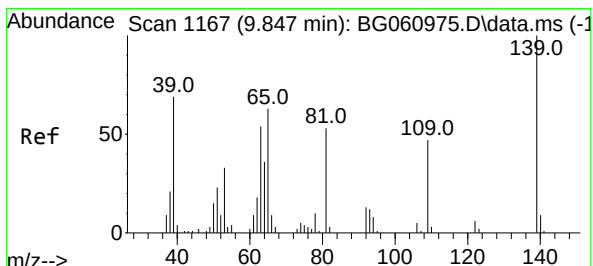
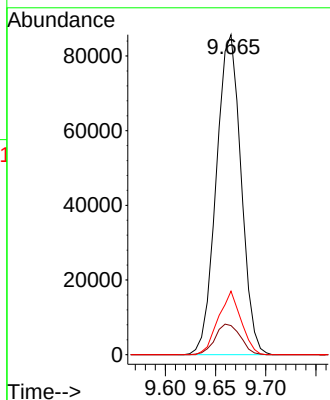
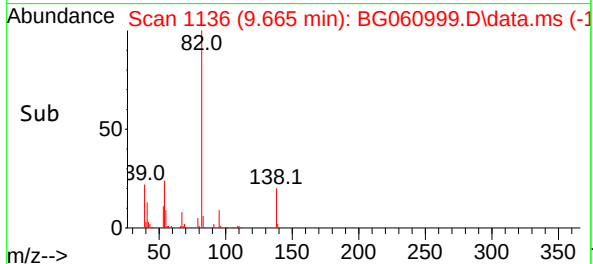
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion: 82 Resp: 14696
Ion Ratio Lower Upper
82 100
95 9.1 7.6 11.4
138 19.8 14.2 21.2

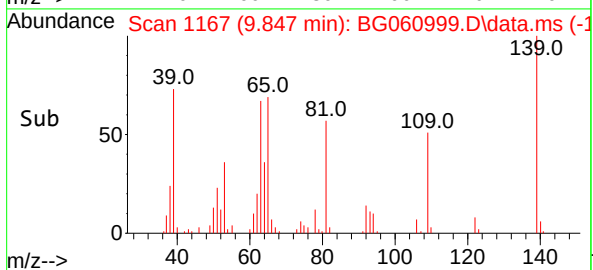
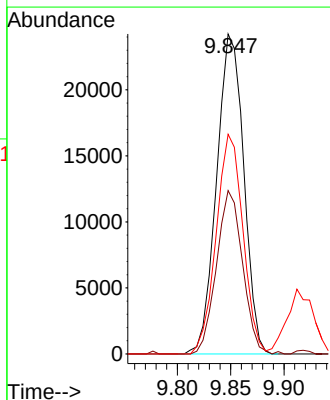
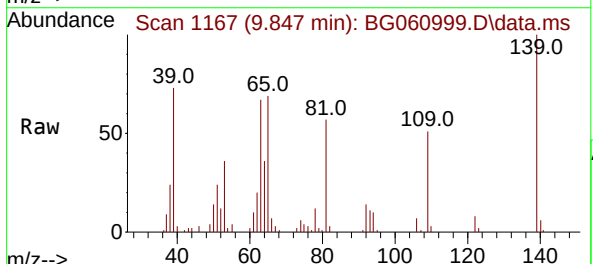
Manual Integrations
APPROVED

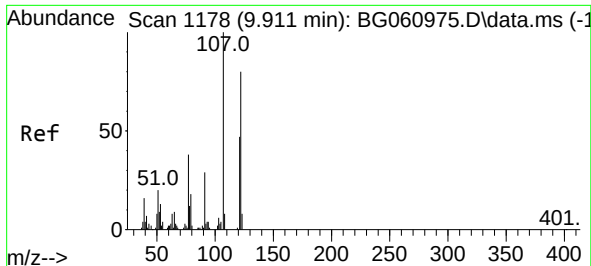
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#26
2-Nitrophenol
Concen: 43.173 ng
RT: 9.847 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:139 Resp: 42804
Ion Ratio Lower Upper
139 100
109 51.0 37.4 56.2
65 68.7 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 34.114 ng

RT: 9.918 min Scan# 1178

Delta R.T. 0.007 min

Lab File: BG060999.D

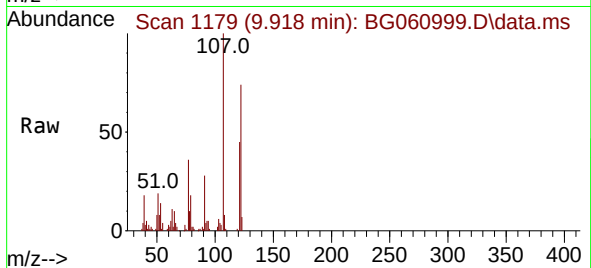
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD



Tgt Ion:122 Resp: 5421

Ion Ratio Lower Upper

122 100

107 134.3 98.7 148.1

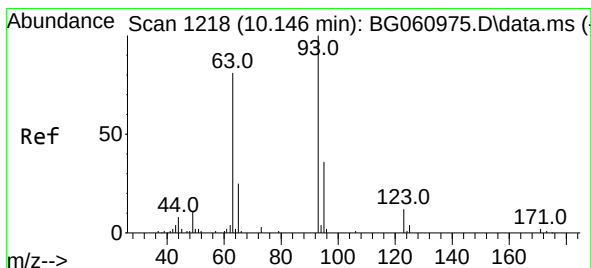
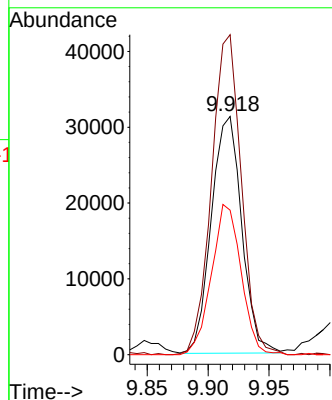
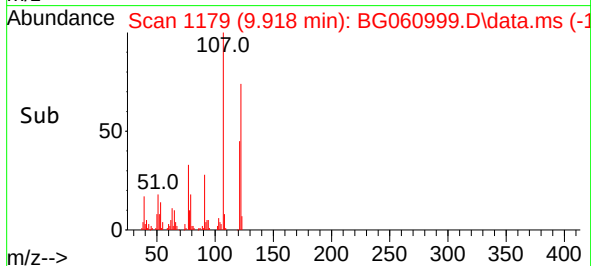
121 60.6 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 40.777 ng

RT: 10.147 min Scan# 1218

Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

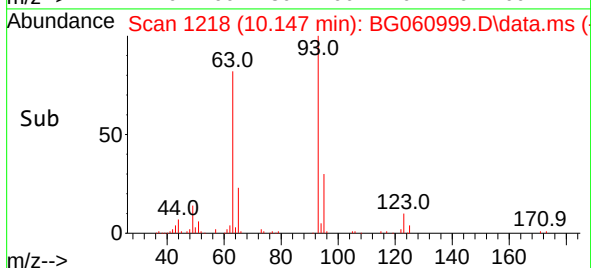
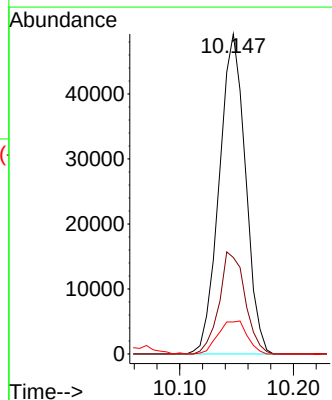
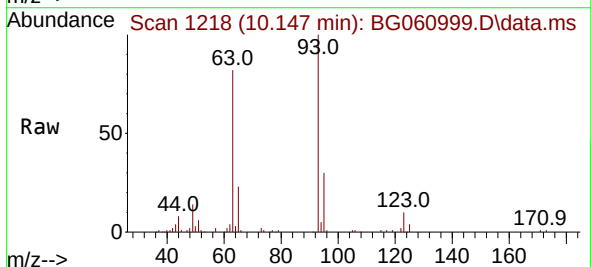
Tgt Ion: 93 Resp: 78809

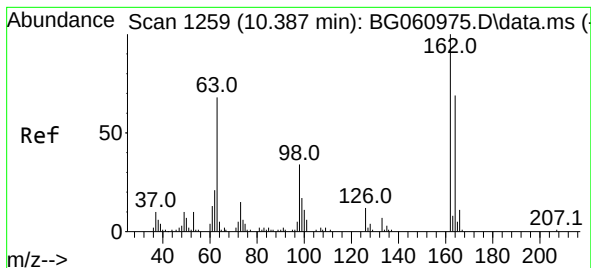
Ion Ratio Lower Upper

93 100

95 30.2 28.8 43.2

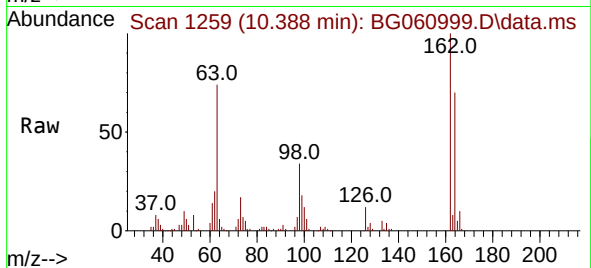
123 10.0 9.8 14.6





#29
2,4-Dichlorophenol
Concen: 45.786 ng
RT: 10.388 min Scan# 1259
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

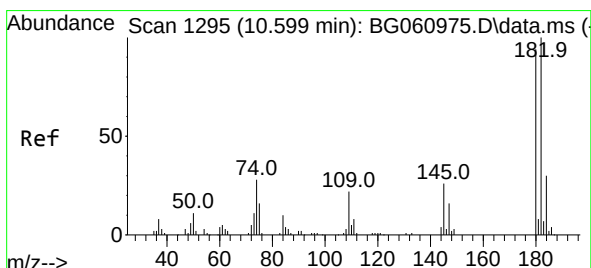
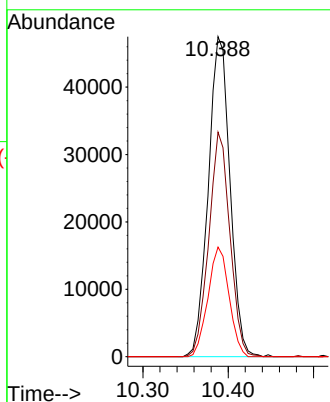
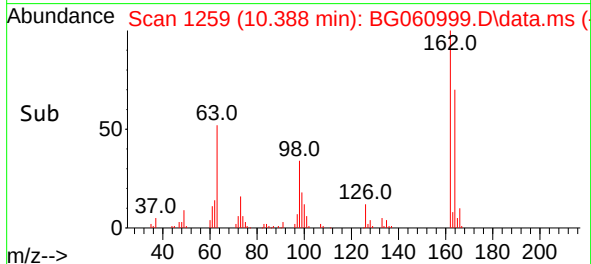
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion:162 Resp: 83970
Ion Ratio Lower Upper
162 100
164 70.1 49.0 89.0
98 34.2 14.3 54.3

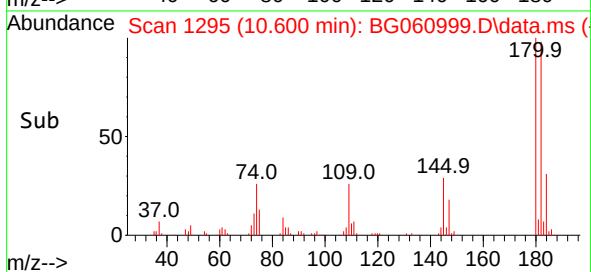
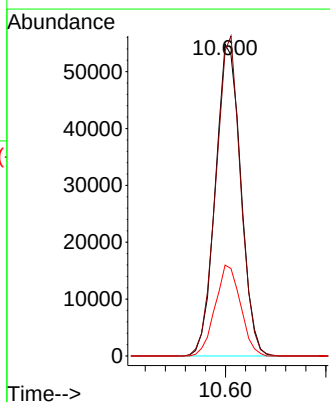
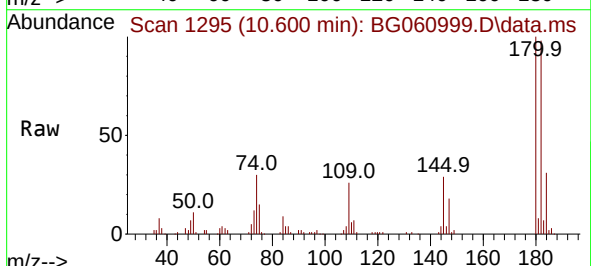
Manual Integrations
APPROVED

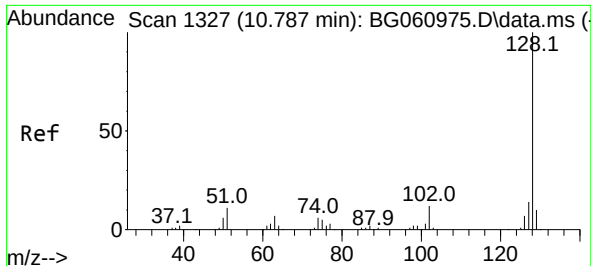
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.554 ng
RT: 10.600 min Scan# 1295
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

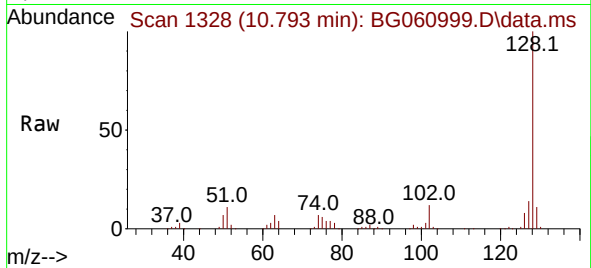
Tgt Ion:180 Resp: 96233
Ion Ratio Lower Upper
180 100
182 97.8 85.4 128.2
145 29.1 22.6 33.8





#31
Naphthalene
Concen: 78.876 ng
RT: 10.793 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

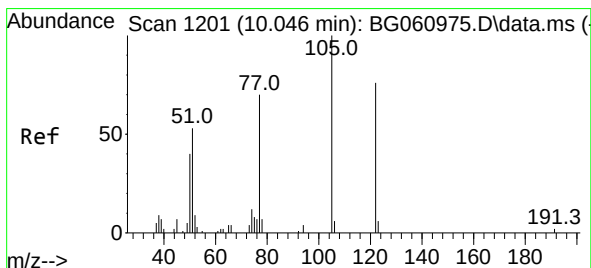
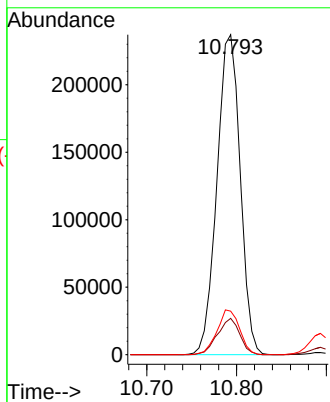
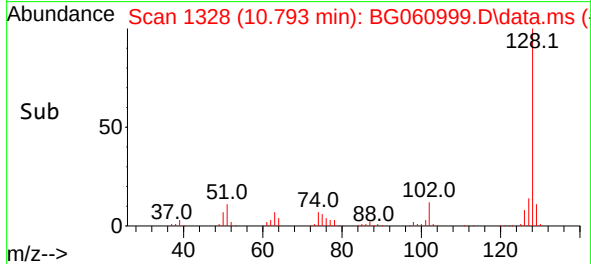
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion:128 Resp: 425929
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.4
127 13.6 11.4 17.2

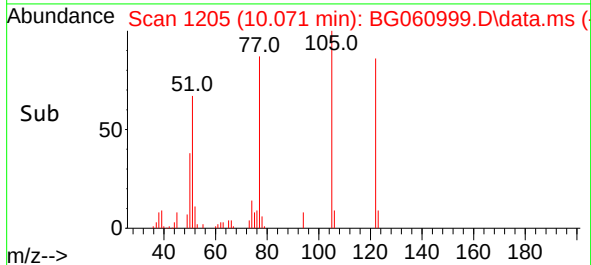
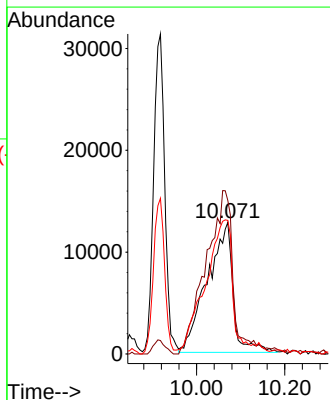
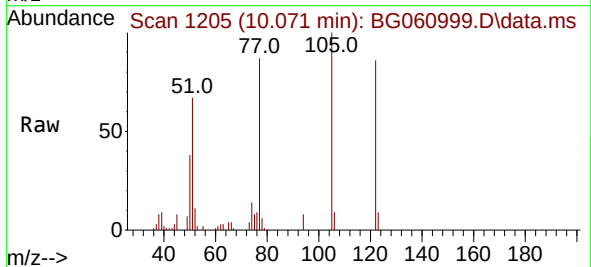
Manual Integrations
APPROVED

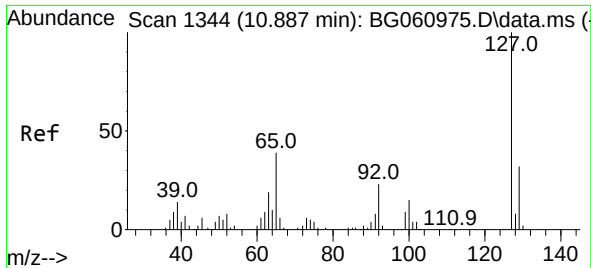
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#32
Benzoic acid
Concen: 43.178 ng m
RT: 10.071 min Scan# 1205
Delta R.T. 0.024 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:122 Resp: 52281
Ion Ratio Lower Upper
122 100
105 116.8 106.2 146.2
77 101.7 70.1 110.1





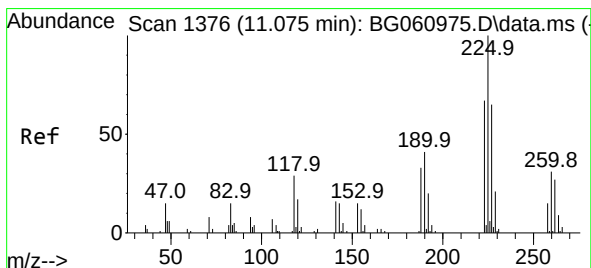
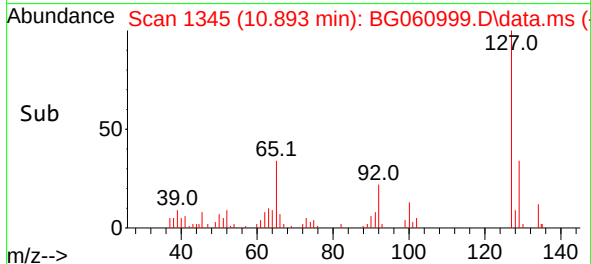
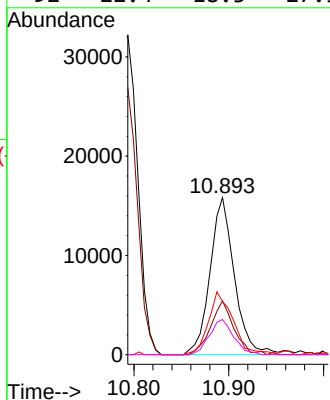
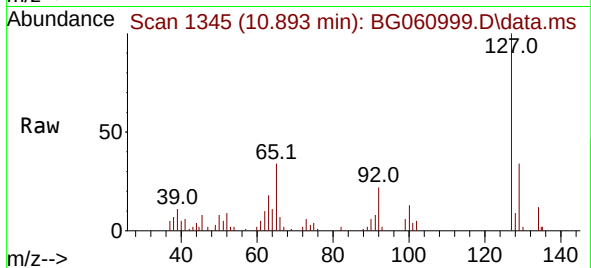
#33
4-Chloroaniline
Concen: 11.503 ng
RT: 10.893 min Scan# 1345
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

Tgt Ion:127 Resp: 28218
Ion Ratio Lower Upper
127 100
129 34.2 25.7 38.5
65 33.8 31.4 47.0
92 22.4 18.3 27.5

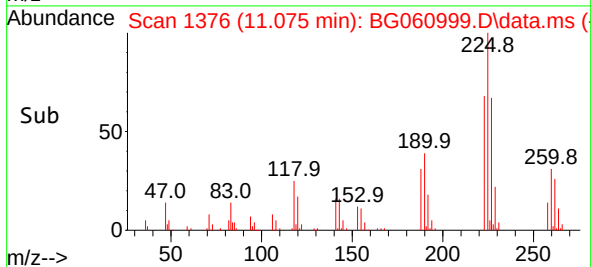
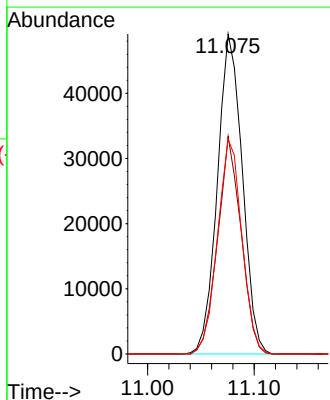
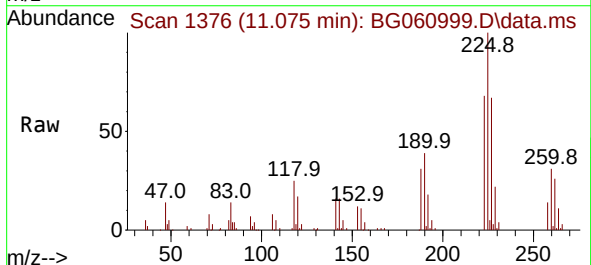
Manual Integrations
APPROVED

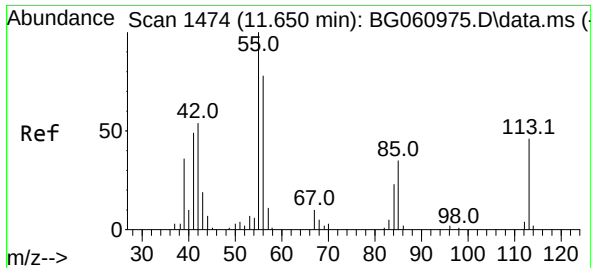
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#34
Hexachlorobutadiene
Concen: 44.775 ng
RT: 11.075 min Scan# 1376
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:225 Resp: 79685
Ion Ratio Lower Upper
225 100
223 68.0 53.2 79.8
227 67.2 51.9 77.9





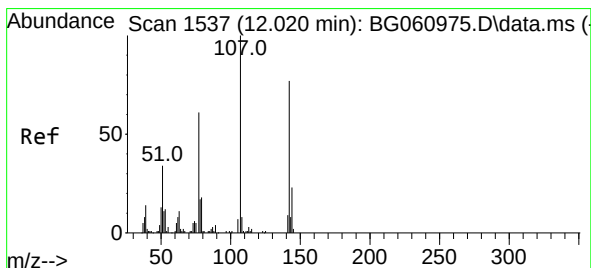
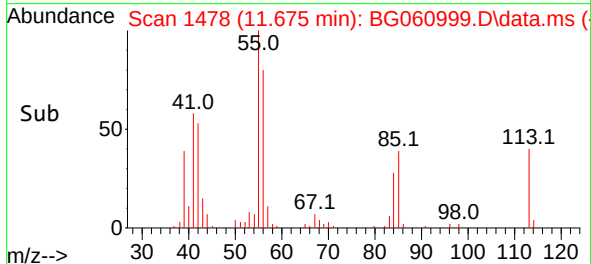
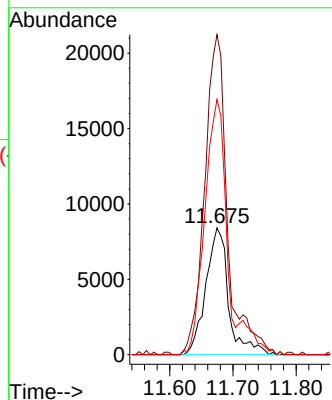
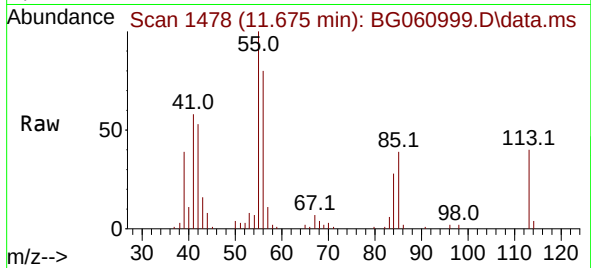
#35
Caprolactam
Concen: 35.990 ng
RT: 11.675 min Scan# 1478
Delta R.T. 0.024 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

Tgt Ion:113 Resp: 21025
Ion Ratio Lower Upper
113 100
55 252.4 197.9 237.9
56 201.3 151.1 191.1

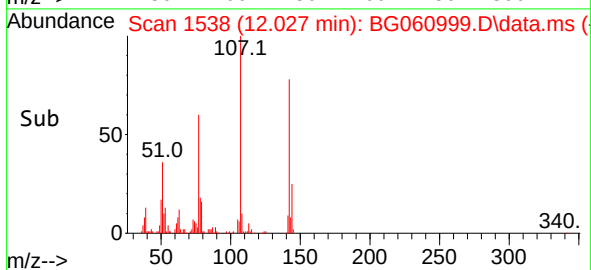
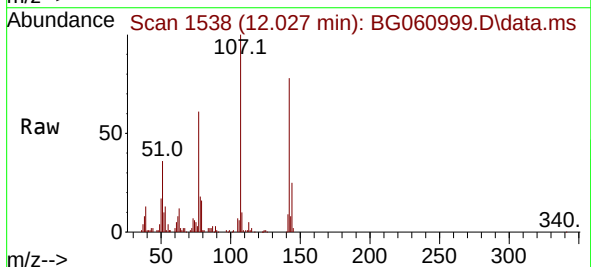
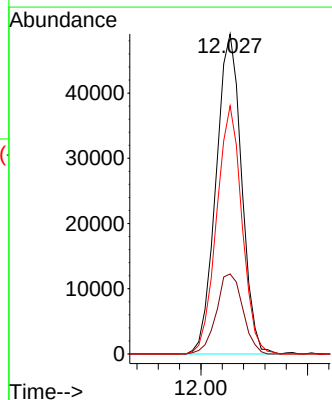
Manual Integrations
APPROVED

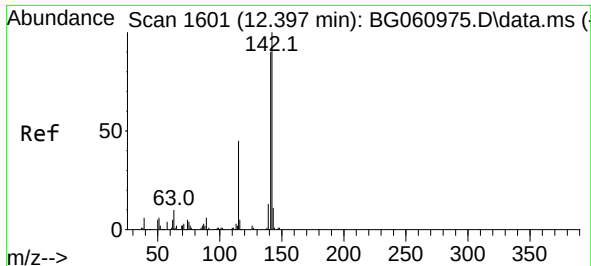
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#36
4-Chloro-3-methylphenol
Concen: 38.159 ng
RT: 12.027 min Scan# 1538
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

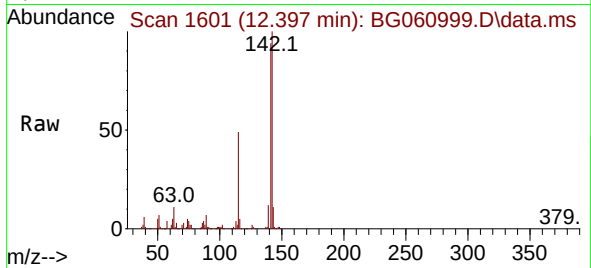
Tgt Ion:107 Resp: 81625
Ion Ratio Lower Upper
107 100
144 25.0 18.5 27.7
142 77.6 61.4 92.0





#37
2-Methylnaphthalene
Concen: 50.704 ng
RT: 12.397 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

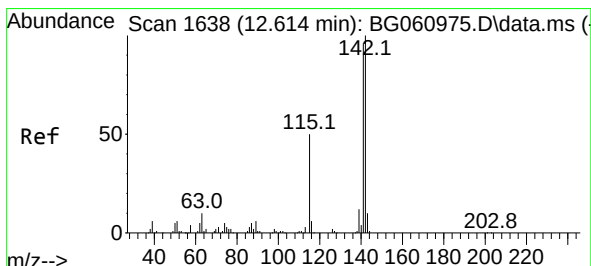
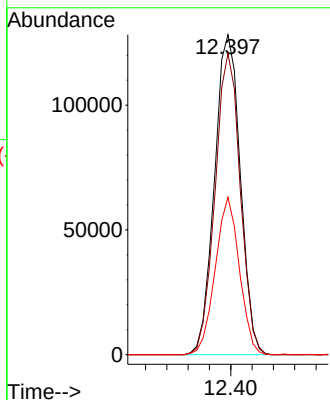
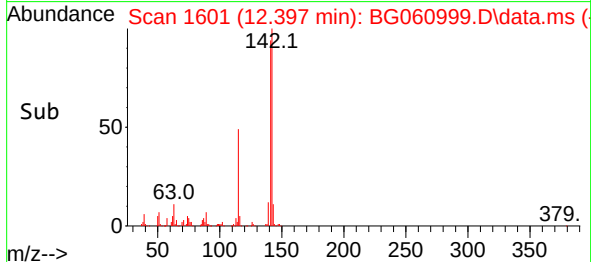
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



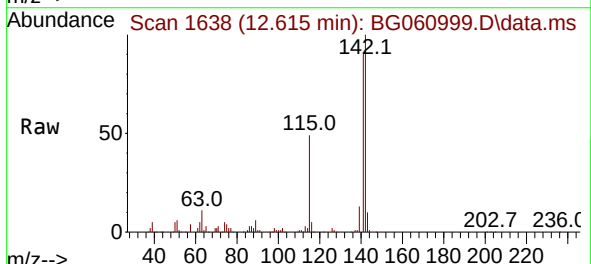
Tgt Ion:142 Resp: 215279
Ion Ratio Lower Upper
142 100
141 94.1 72.2 108.4
115 49.2 35.9 53.9

Manual Integrations
APPROVED

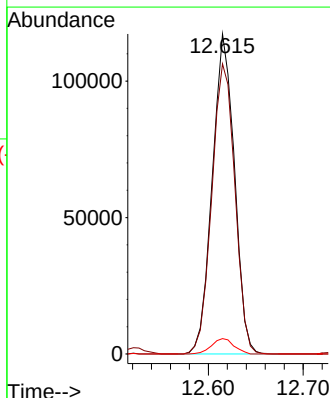
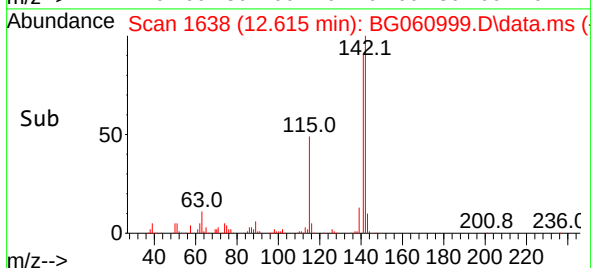
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

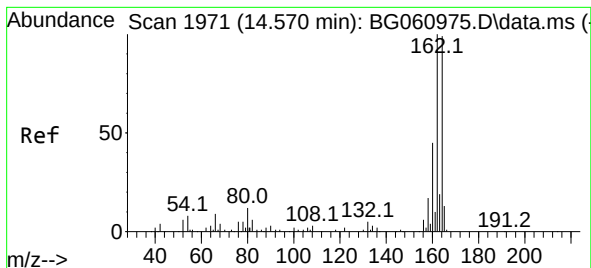


#38
1-Methylnaphthalene
Concen: 48.081 ng
RT: 12.615 min Scan# 1638
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



Tgt Ion:142 Resp: 190498
Ion Ratio Lower Upper
142 100
141 90.6 76.8 115.2
116 4.8 4.4 6.6





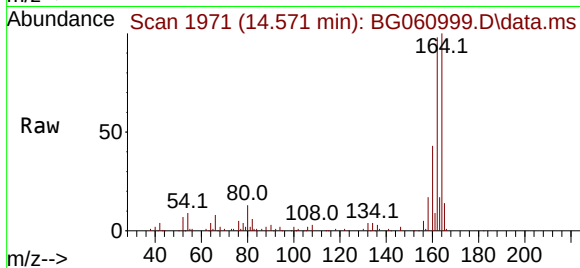
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1971
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

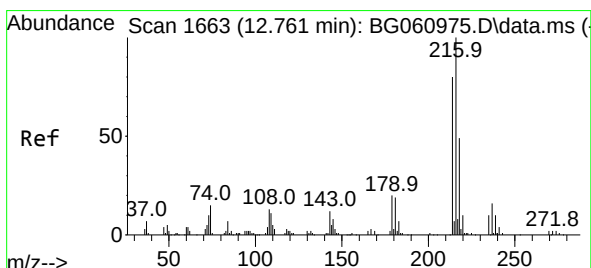
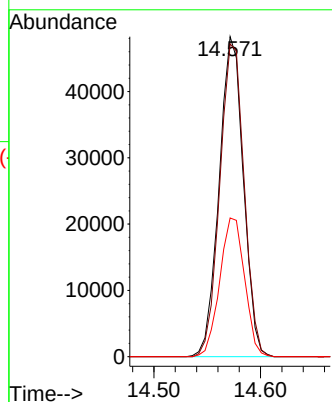
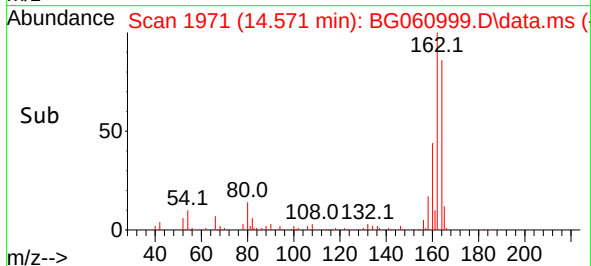


Tgt Ion:164 Resp: 7609
Ion Ratio Lower Upper
164 100
162 97.8 81.2 121.8
160 43.3 36.2 54.2

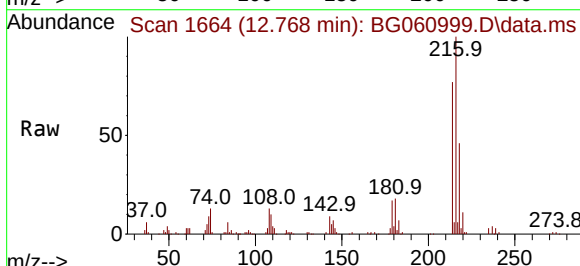
Manual Integrations

APPROVED

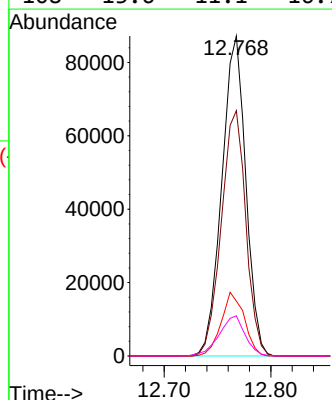
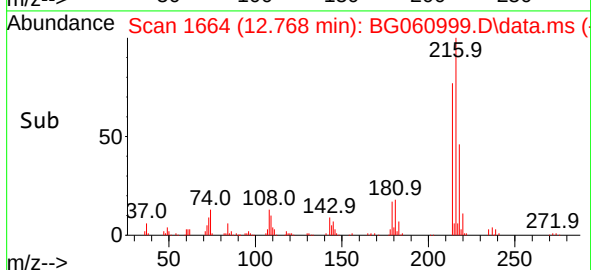
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

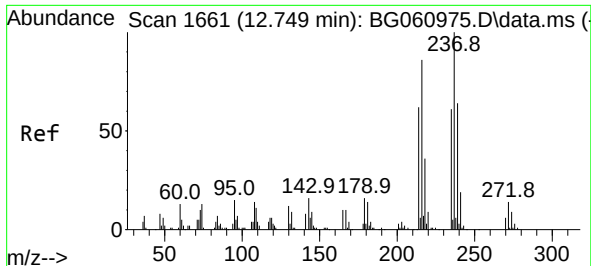


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.337 ng
RT: 12.768 min Scan# 1664
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



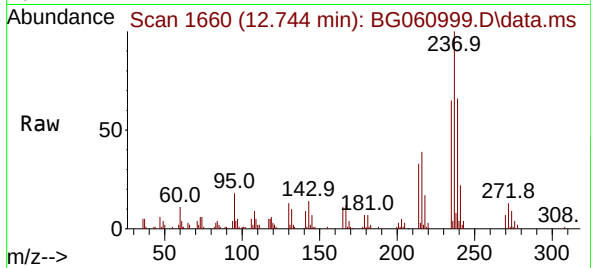
Tgt Ion:216 Resp: 136115
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 19.2 15.2 22.8
108 13.6 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 34.319 ng
RT: 12.744 min Scan# 1660
Delta R.T. -0.005 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

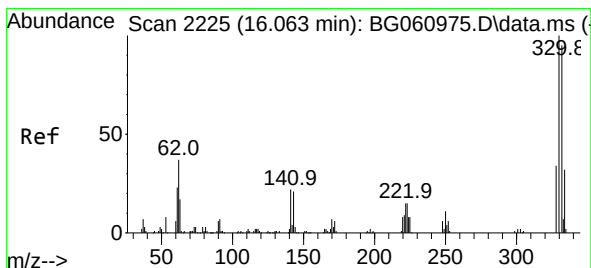
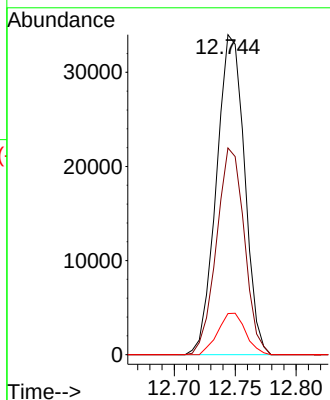
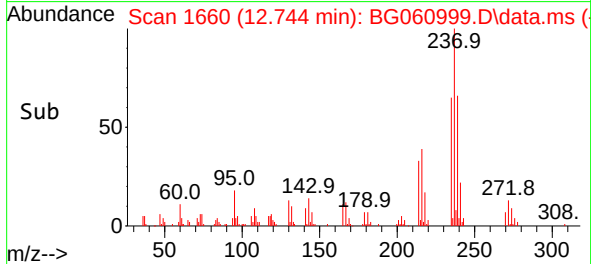
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



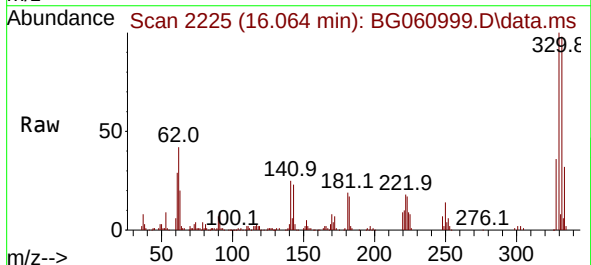
Tgt Ion:237 Resp: 54604
Ion Ratio Lower Upper
237 100
235 64.6 40.7 80.7
272 12.9 0.0 34.5

Manual Integrations
APPROVED

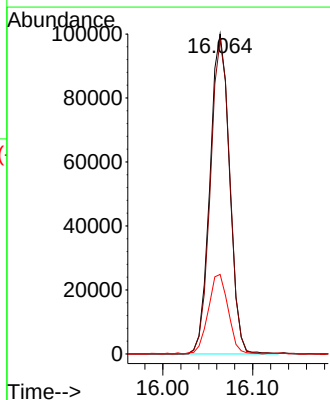
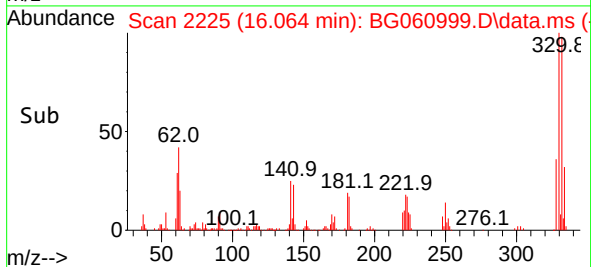
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

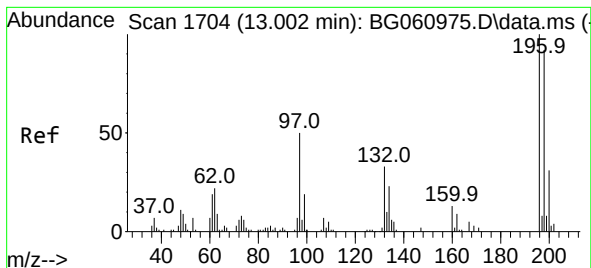


#42
2,4,6-Tribromophenol
Concen: 90.646 ng
RT: 16.064 min Scan# 2225
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



Tgt Ion:330 Resp: 151461
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 25.5 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 45.870 ng

RT: 13.008 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

Tgt Ion:196 Resp: 8153

Ion Ratio Lower Upper

196 100

198 94.6 73.5 110.3

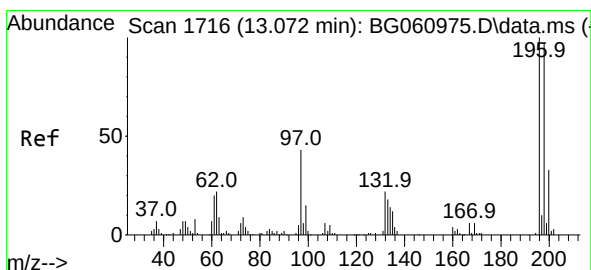
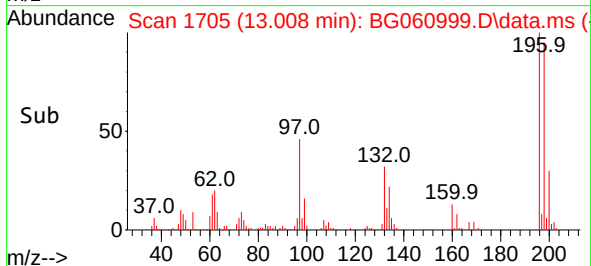
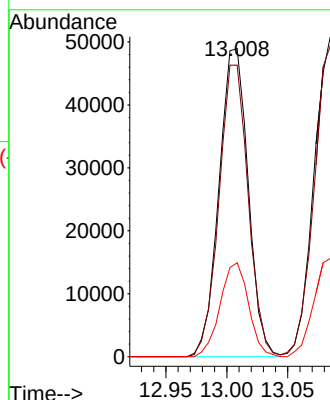
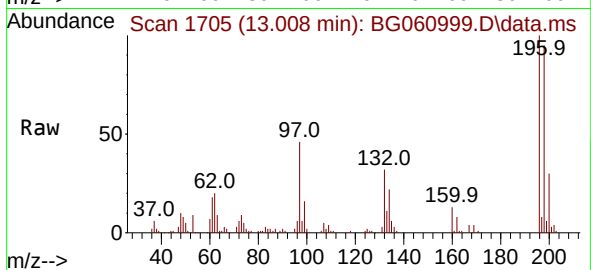
200 30.5 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#44

2,4,5-Trichlorophenol

Concen: 41.876 ng

RT: 13.085 min Scan# 1718

Delta R.T. 0.013 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Tgt Ion:196 Resp: 88051

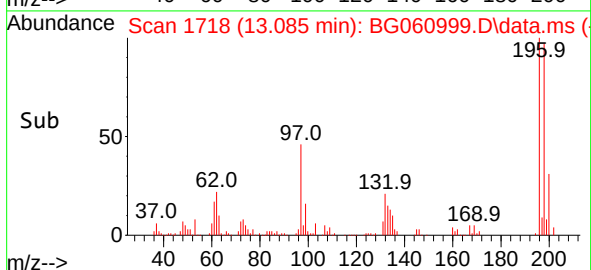
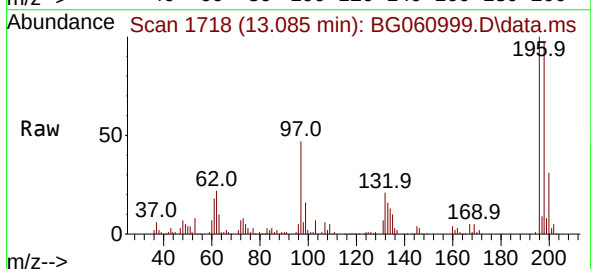
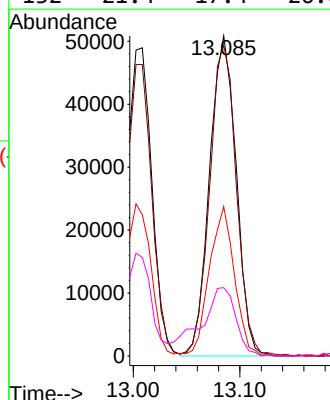
Ion Ratio Lower Upper

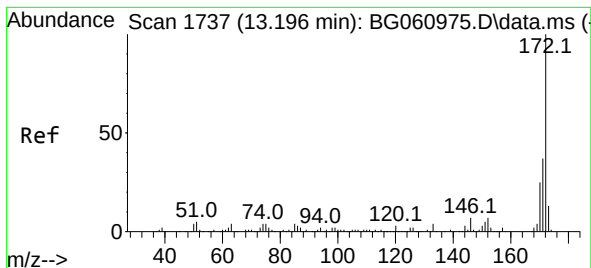
196 100

198 97.1 77.7 116.5

97 46.6 34.2 51.4

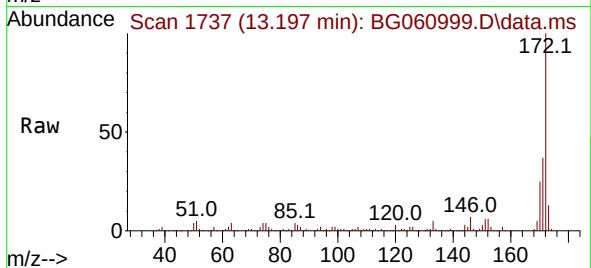
132 21.4 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 61.254 ng
RT: 13.197 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

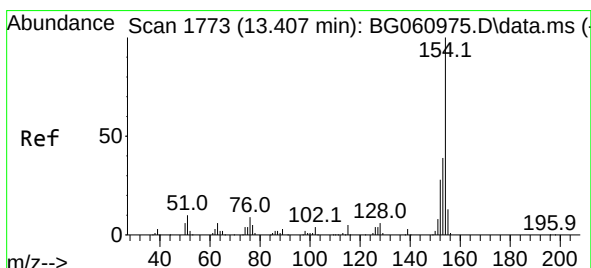
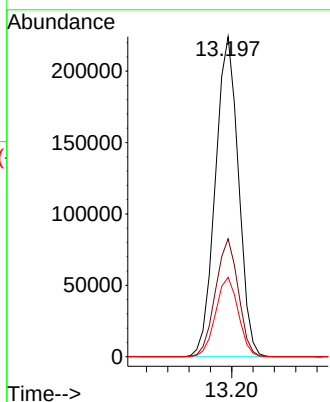
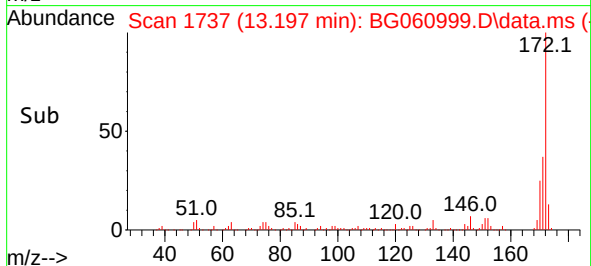
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



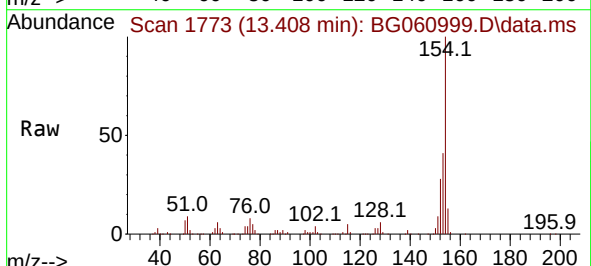
Tgt Ion:172 Resp: 336764
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.8 20.1 30.1

Manual Integrations
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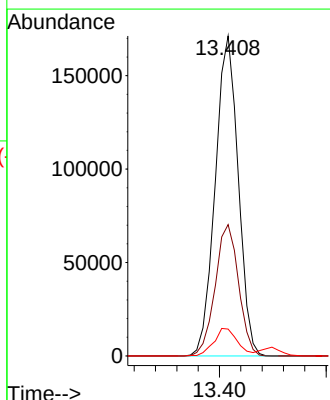
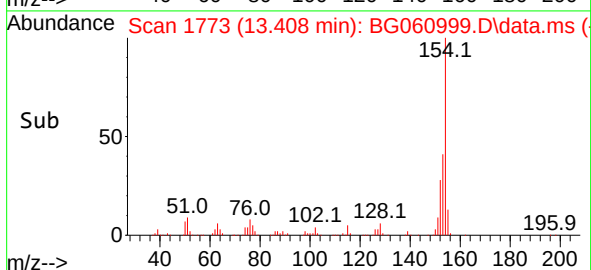
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

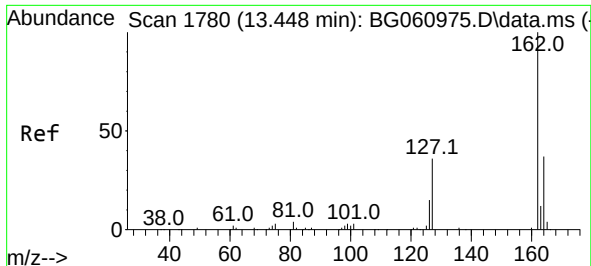


#46
1,1'-Biphenyl
Concen: 49.841 ng
RT: 13.408 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



Tgt Ion:154 Resp: 255455
Ion Ratio Lower Upper
154 100
153 41.0 19.4 59.4
76 8.4 0.0 28.6





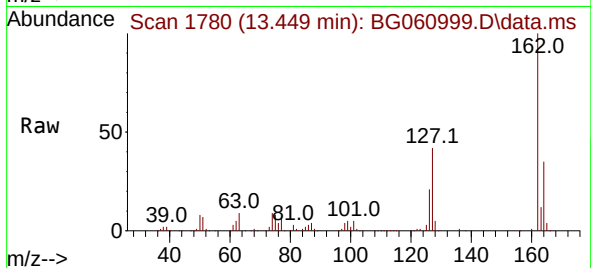
#47
2-Chloronaphthalene
Concen: 47.653 ng
RT: 13.449 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD



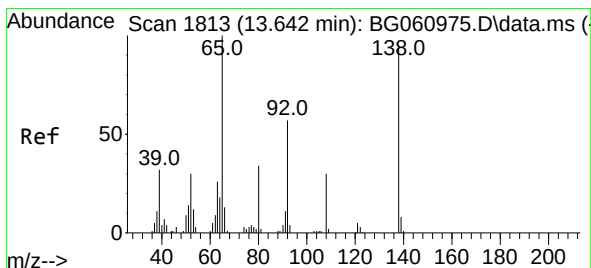
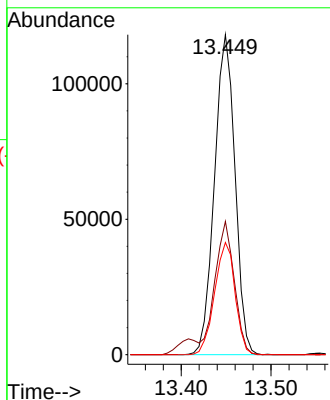
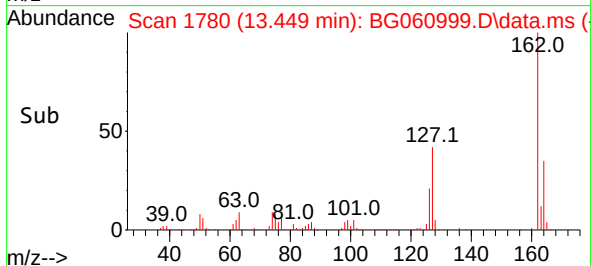
Tgt Ion:162 Resp: 187260
Ion Ratio Lower Upper
162 100
127 41.7 32.6 49.0
164 35.1 29.9 44.9

Manual Integrations

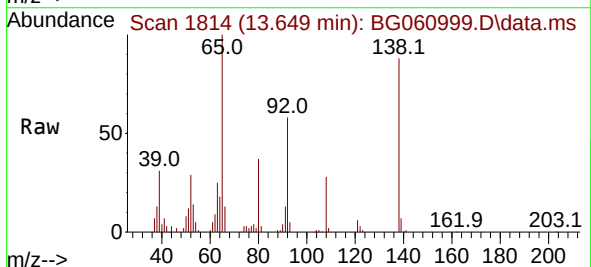
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

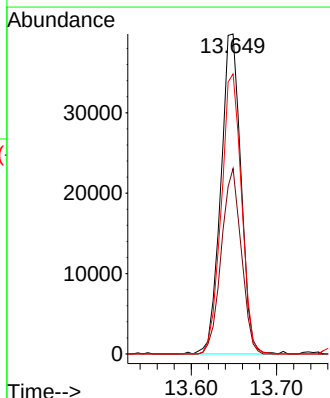
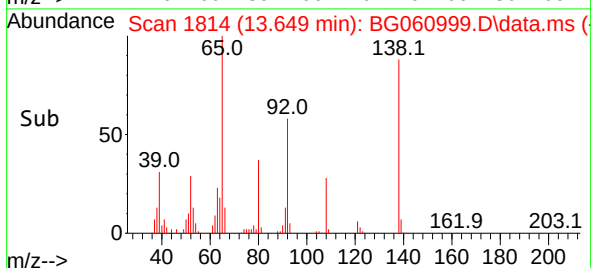
Supervised By :mohammad ahmed 04/24/2024

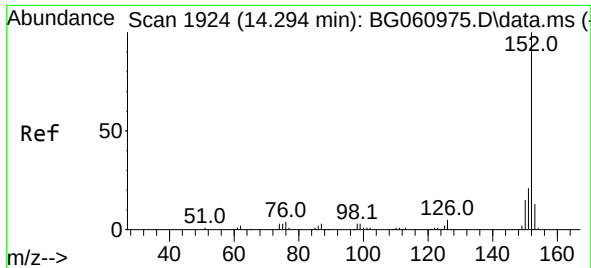


#48
2-Nitroaniline
Concen: 41.208 ng
RT: 13.649 min Scan# 1814
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



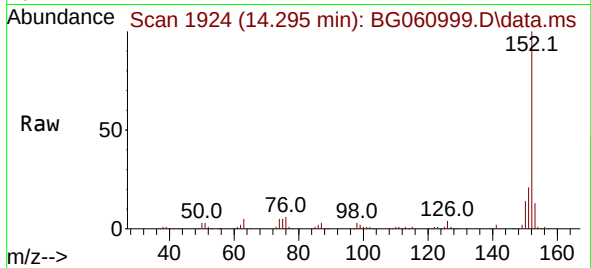
Tgt Ion: 65 Resp: 65357
Ion Ratio Lower Upper
65 100
92 58.0 45.4 68.2
138 87.6 75.8 113.6





#49
Acenaphthylene
Concen: 46.727 ng
RT: 14.295 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

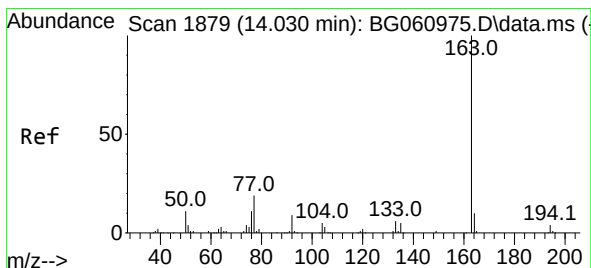
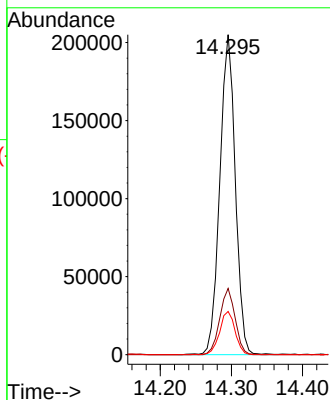
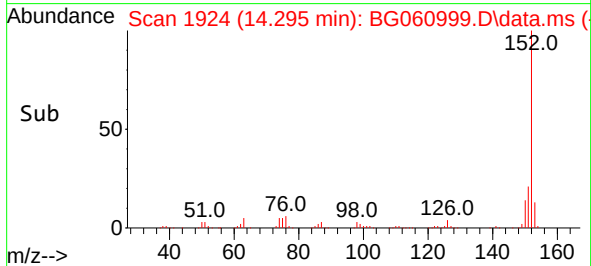
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



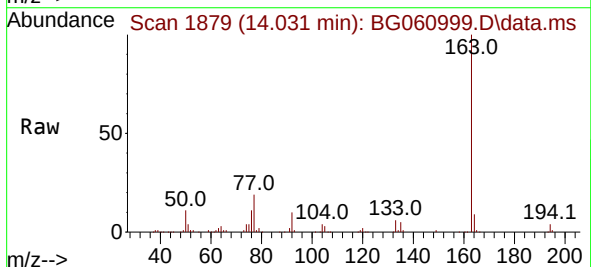
Tgt Ion:152 Resp: 309259
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 13.5 10.7 16.1

Manual Integrations
APPROVED

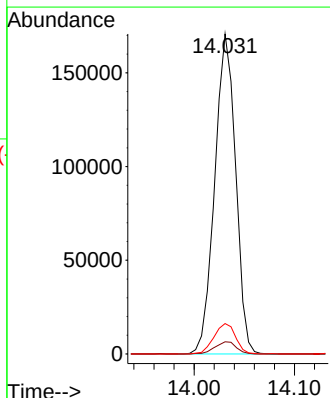
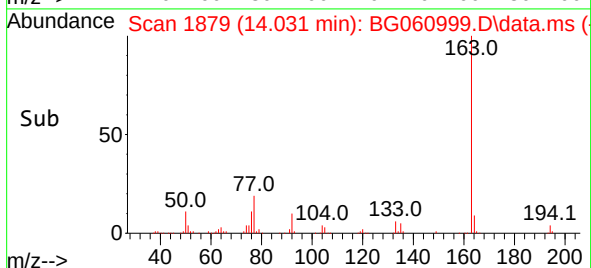
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

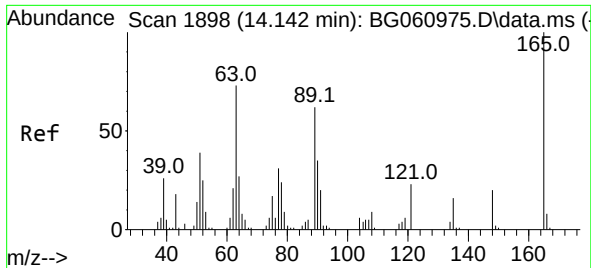


#50
Dimethylphthalate
Concen: 39.291 ng
RT: 14.031 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



Tgt Ion:163 Resp: 246534
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.5 8.4 12.6





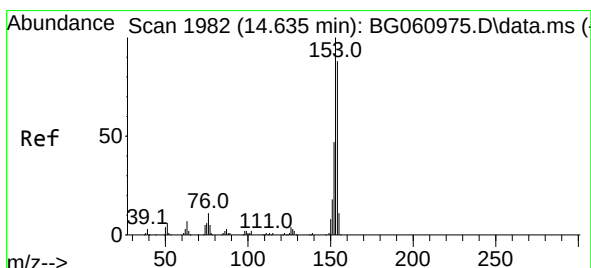
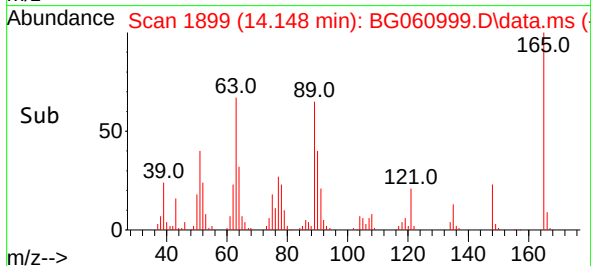
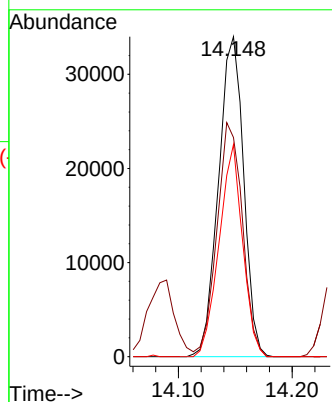
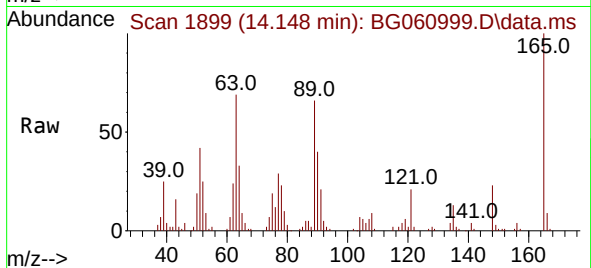
#51
2,6-Dinitrotoluene
Concen: 39.785 ng
RT: 14.148 min Scan# 1898
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

Tgt Ion:165 Resp: 5208
Ion Ratio Lower Upper
165 100
63 68.5 59.6 89.4
89 66.3 49.4 74.0

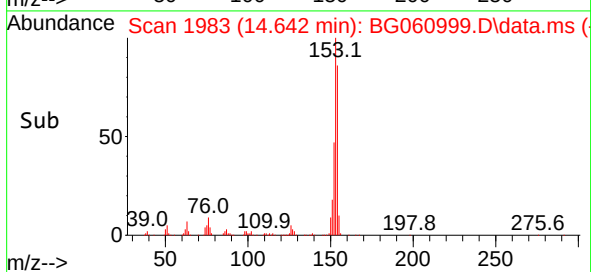
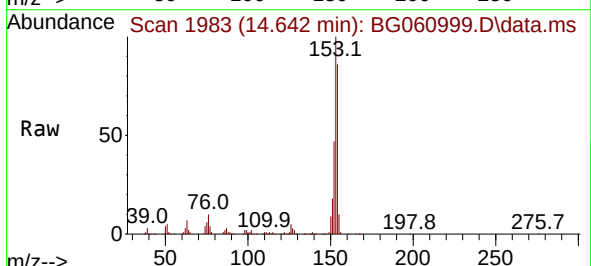
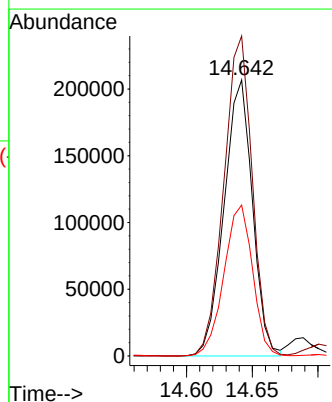
Manual Integrations
APPROVED

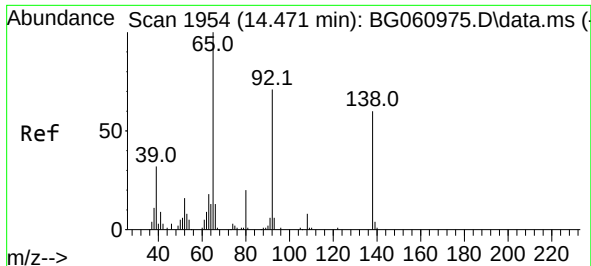
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#52
Acenaphthene
Concen: 77.335 ng
RT: 14.642 min Scan# 1983
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

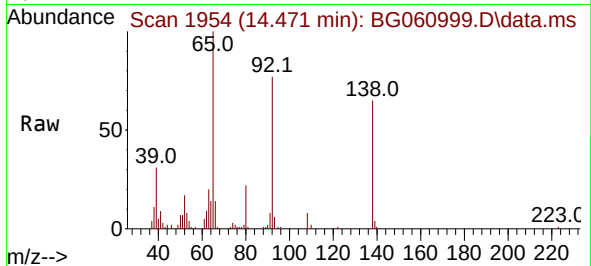
Tgt Ion:154 Resp: 311008
Ion Ratio Lower Upper
154 100
153 115.9 91.2 136.8
152 54.7 42.7 64.1





#53
3-Nitroaniline
Concen: 26.465 ng
RT: 14.471 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

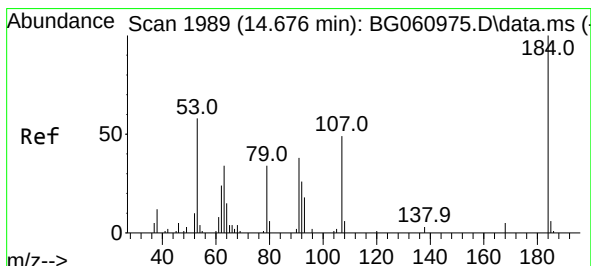
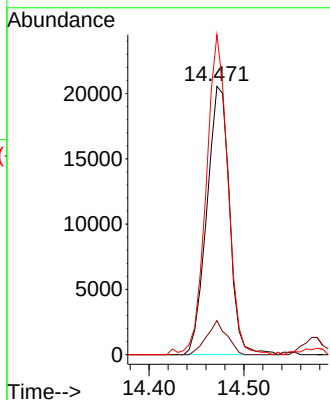
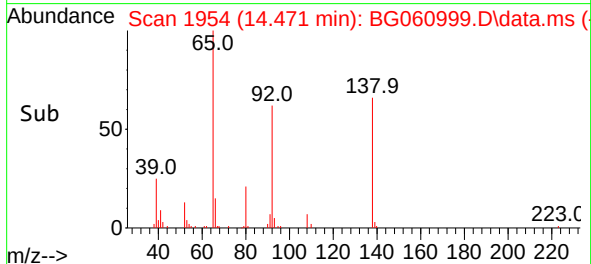
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



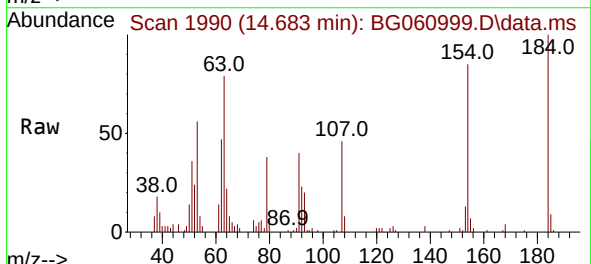
Tgt Ion:138 Resp: 3416
Ion Ratio Lower Upper
138 100
108 12.7 10.1 15.1
92 119.2 94.6 141.8

Manual Integrations
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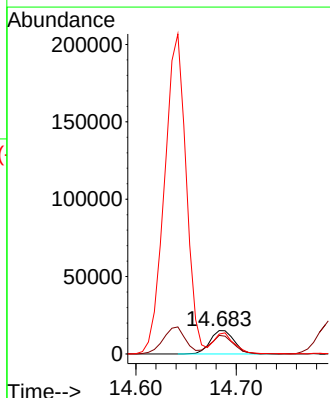
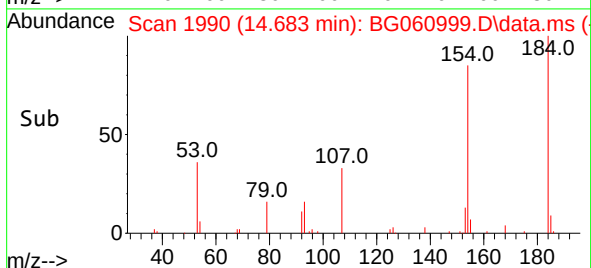
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

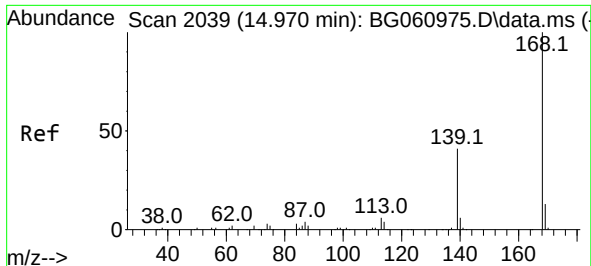


#54
2,4-Dinitrophenol
Concen: 32.932 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



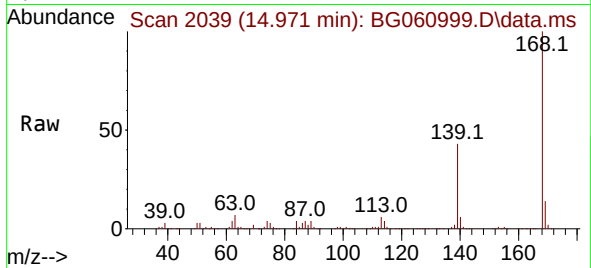
Tgt Ion:184 Resp: 25088
Ion Ratio Lower Upper
184 100
63 79.3 59.0 88.6
154 85.1 61.2 91.8





#55
Dibenzenofuran
Concen: 61.848 ng
RT: 14.971 min Scan# 2039
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

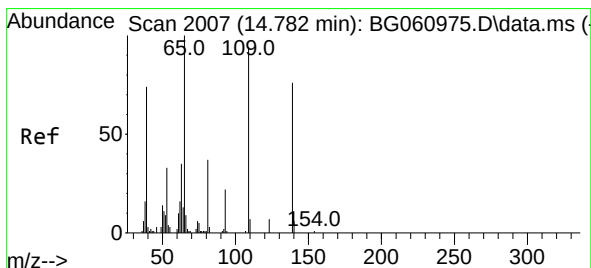
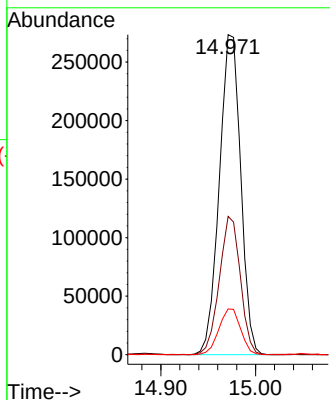
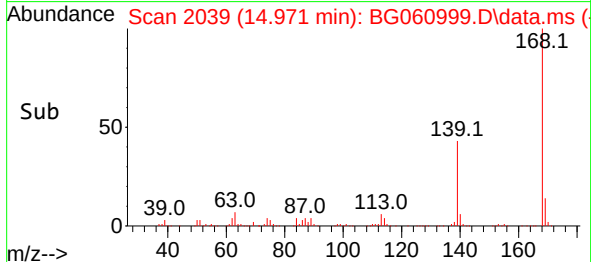
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



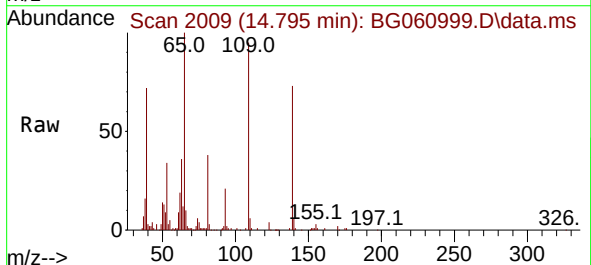
Tgt Ion:168 Resp: 429499
Ion Ratio Lower Upper
168 100
139 43.2 32.4 48.6
169 14.3 10.6 15.8

Manual Integrations
APPROVED

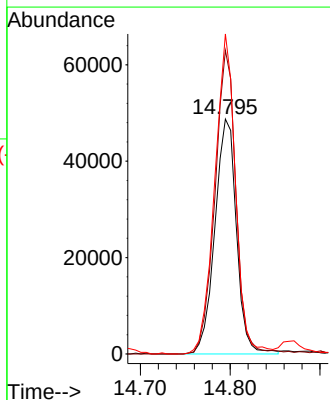
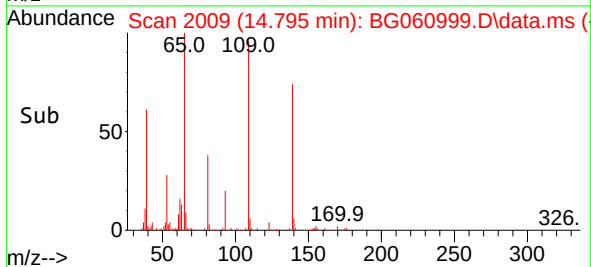
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

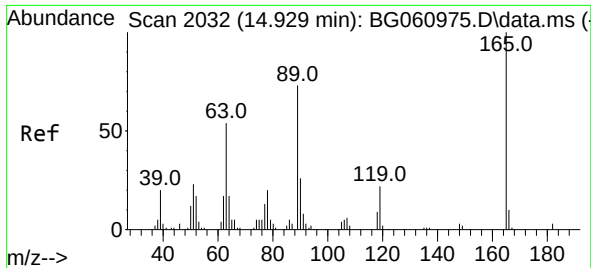


#56
4-Nitrophenol
Concen: 87.980 ng
RT: 14.795 min Scan# 2009
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



Tgt Ion:139 Resp: 81370
Ion Ratio Lower Upper
139 100
109 129.2 104.1 144.1
65 136.2 112.0 152.0





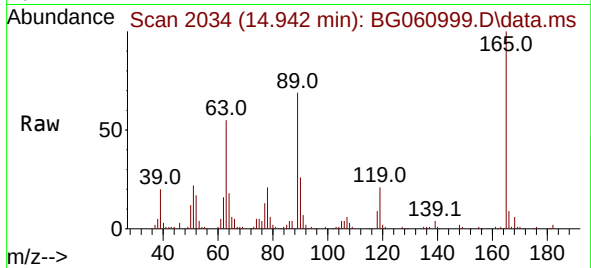
#57
2,4-Dinitrotoluene
Concen: 41.083 ng
RT: 14.942 min Scan# 2032
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD



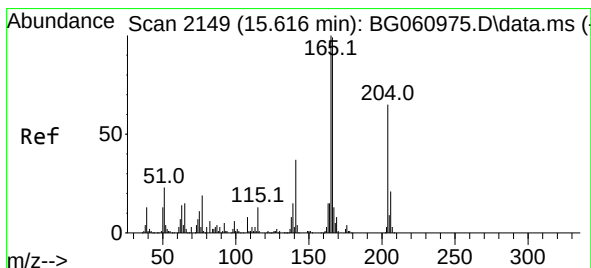
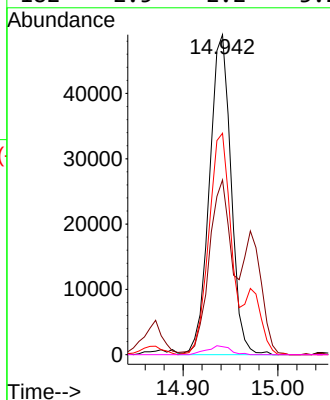
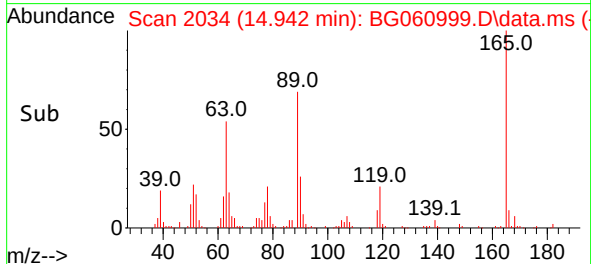
Tgt Ion:165 Resp: 77460
Ion Ratio Lower Upper
165 100
63 54.6 43.4 65.2
89 69.2 58.4 87.6
182 2.5 2.2 3.2

Manual Integrations

APPROVED

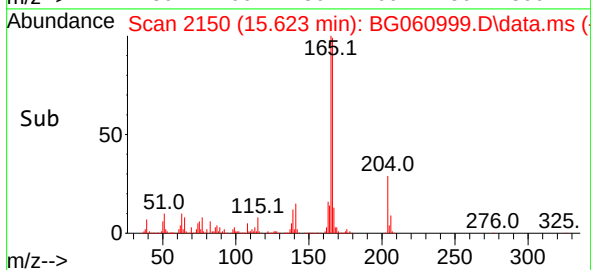
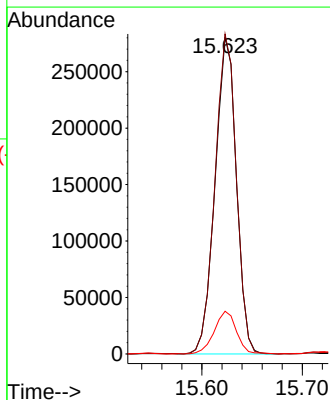
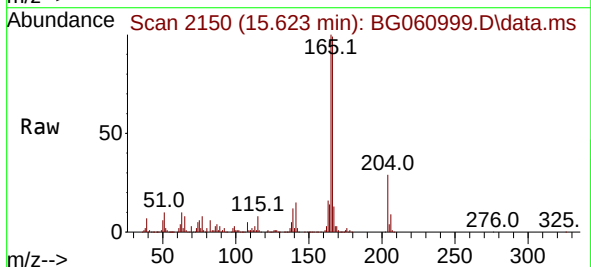
Reviewed By :Yogesh Patel 04/24/2024

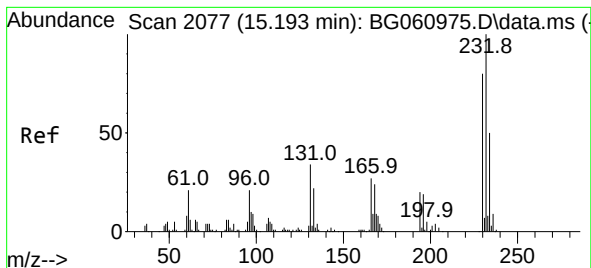
Supervised By :mohammad ahmed 04/24/2024



#58
Fluorene
Concen: 70.411 ng
RT: 15.623 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

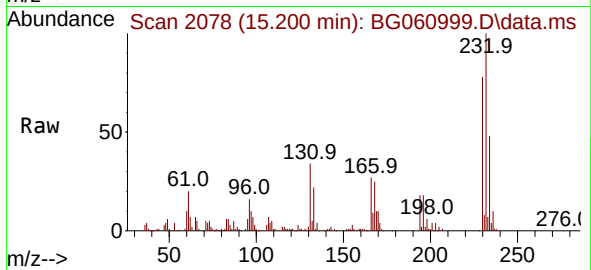
Tgt Ion:166 Resp: 412714
Ion Ratio Lower Upper
166 100
165 101.0 80.9 121.3
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.454 ng m
RT: 15.200 min Scan# 2077
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

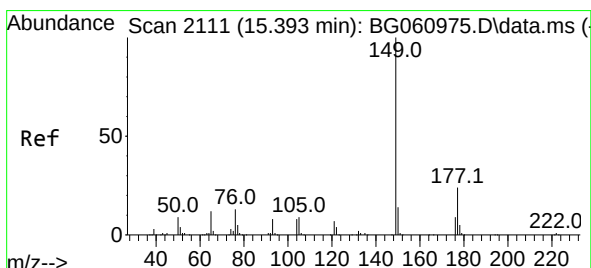
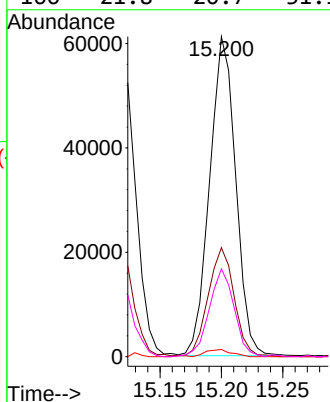
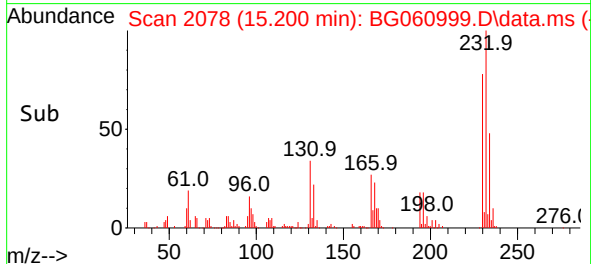
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion:232 Resp: 90094
Ion Ratio Lower Upper
232 100
131 33.6 27.4 41.0
130 1.8 1.5 2.3
166 21.8 20.7 31.1

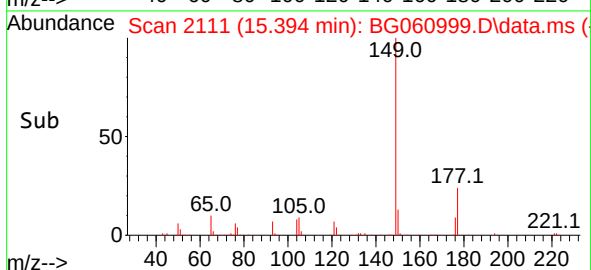
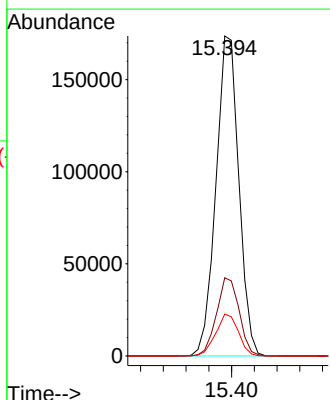
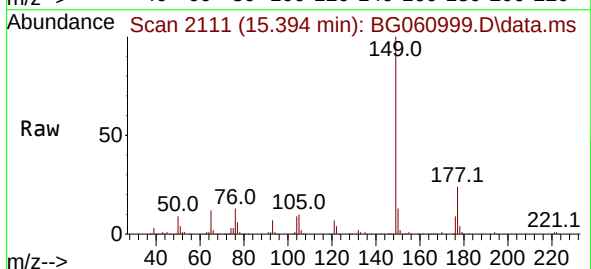
Manual Integrations
APPROVED

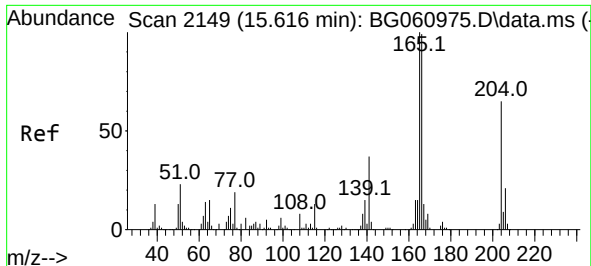
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#60
Diethylphthalate
Concen: 39.265 ng
RT: 15.394 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:149 Resp: 242629
Ion Ratio Lower Upper
149 100
177 24.5 18.8 28.2
150 13.1 11.2 16.8





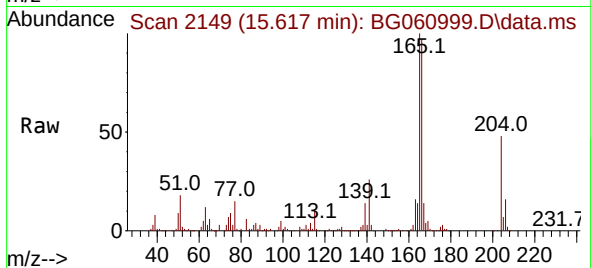
#61
4-Chlorophenyl-phenylether
Concen: 40.824 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

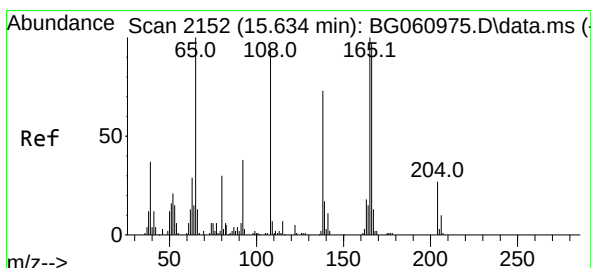
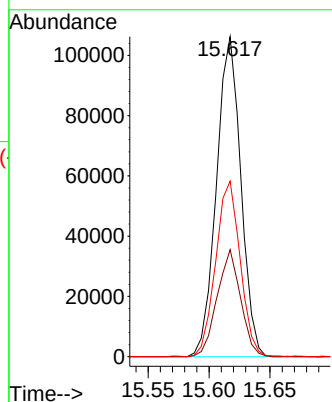
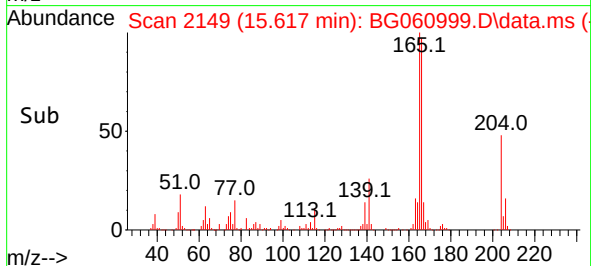


Tgt Ion:204 Resp: 147578
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 54.8 45.4 68.0

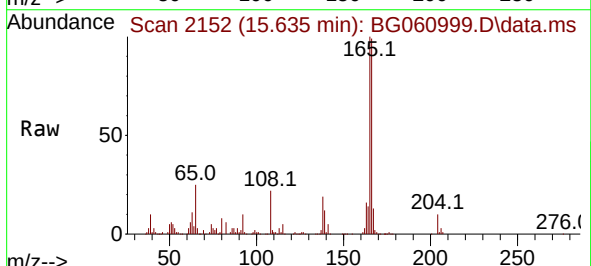
Manual Integrations

APPROVED

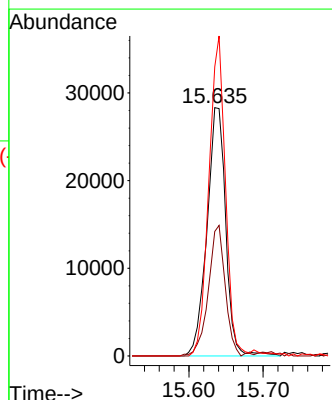
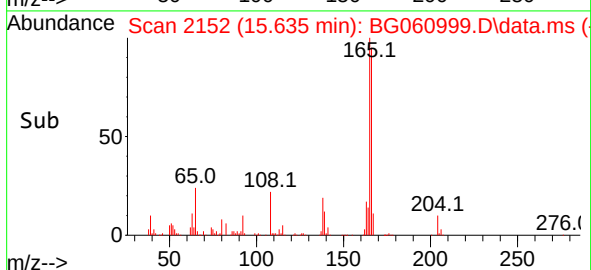
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

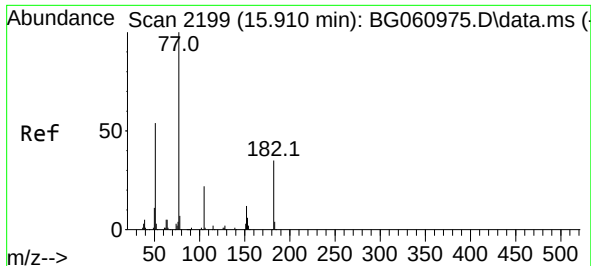


#62
4-Nitroaniline
Concen: 35.832 ng
RT: 15.635 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



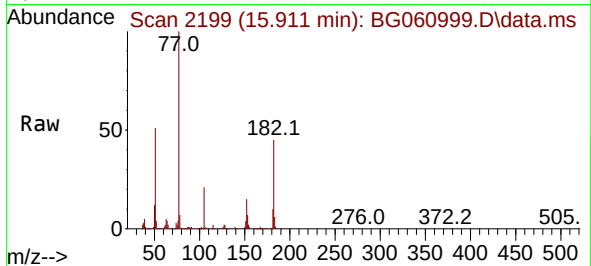
Tgt Ion:138 Resp: 49879
Ion Ratio Lower Upper
138 100
92 50.1 32.2 72.2
108 116.4 109.0 149.0





#63
Azobenzene
Concen: 40.591 ng
RT: 15.911 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

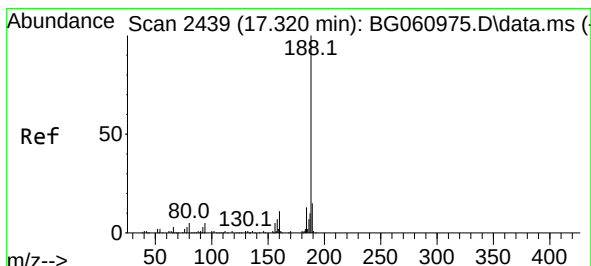
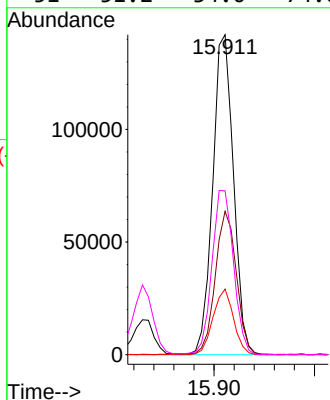
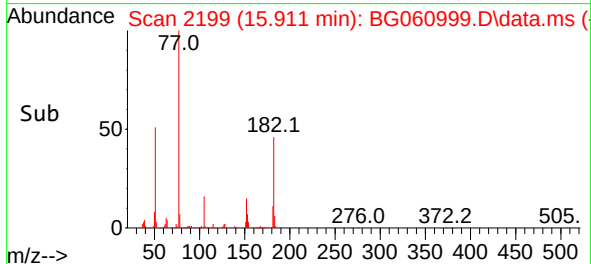
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion: 77 Resp: 204010
Ion Ratio Lower Upper
77 100
182 44.8 14.5 54.5
105 20.5 1.9 41.9
51 51.2 34.0 74.0

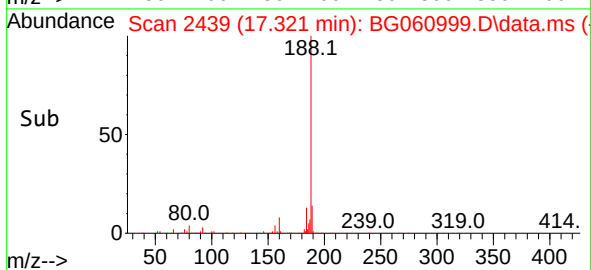
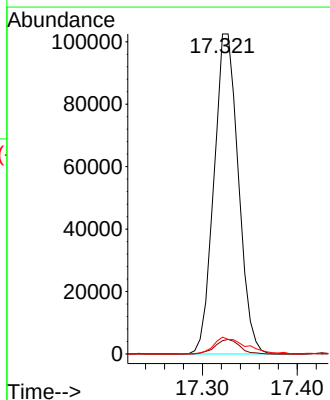
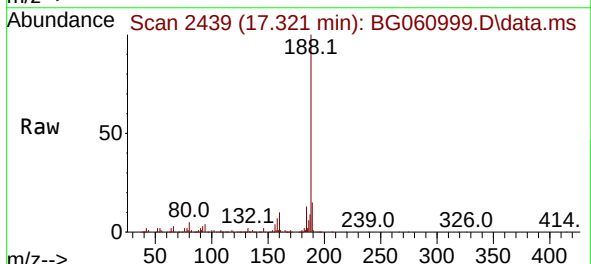
Manual Integrations
APPROVED

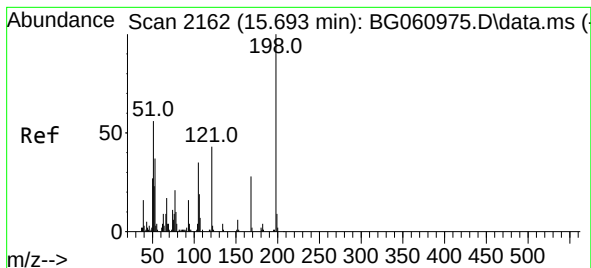
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

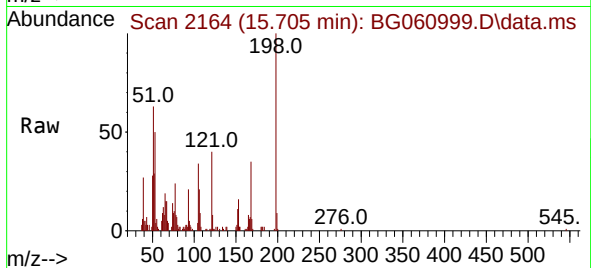
Tgt Ion:188 Resp: 183385
Ion Ratio Lower Upper
188 100
94 4.2 4.1 6.1
80 5.3 4.0 6.0





#65
4,6-Dinitro-2-methylphenol
Concen: 20.501 ng
RT: 15.705 min Scan# 2162
Delta R.T. 0.012 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

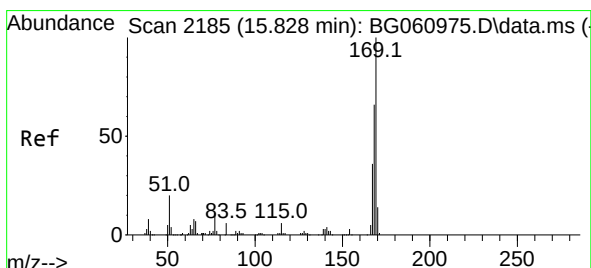
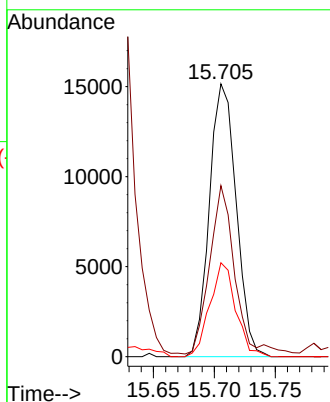
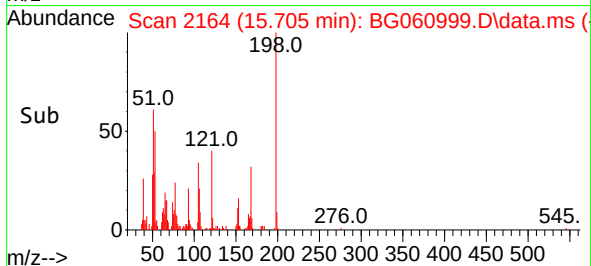
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion:198 Resp: 23214
Ion Ratio Lower Upper
198 100
51 62.7 38.6 78.6
105 34.4 14.5 54.5

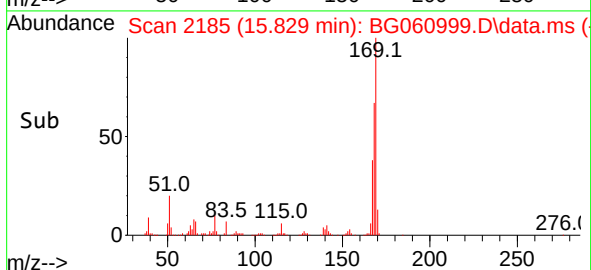
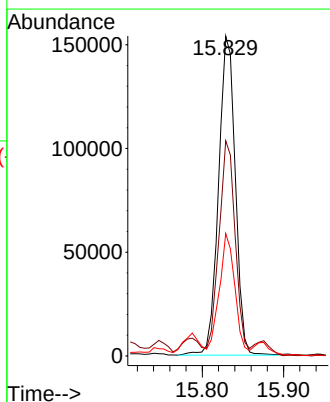
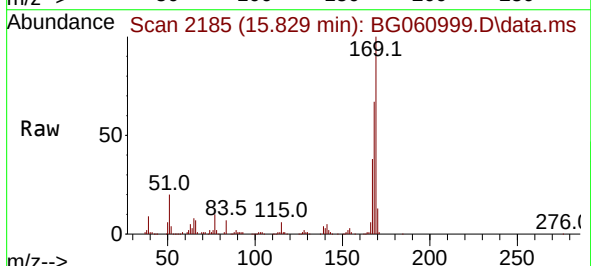
Manual Integrations
APPROVED

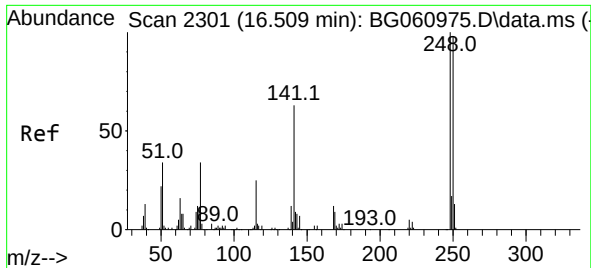
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#66
n-Nitrosodiphenylamine
Concen: 43.869 ng
RT: 15.829 min Scan# 2185
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:169 Resp: 221641
Ion Ratio Lower Upper
169 100
168 67.2 52.5 78.7
167 38.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 44.227 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

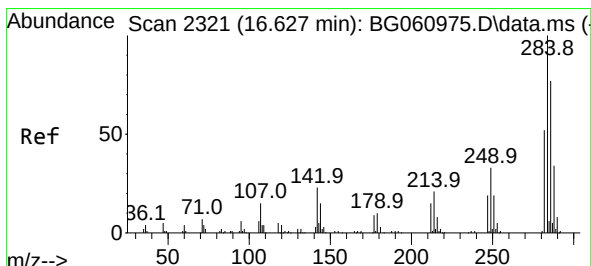
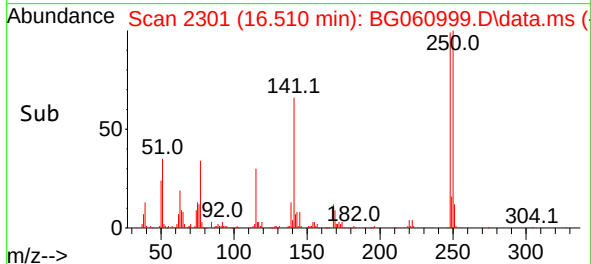
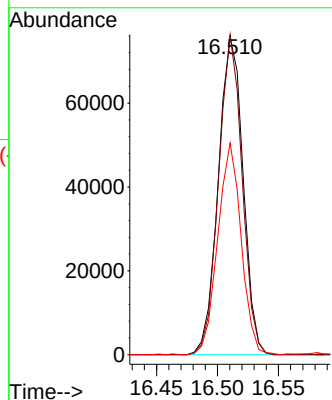
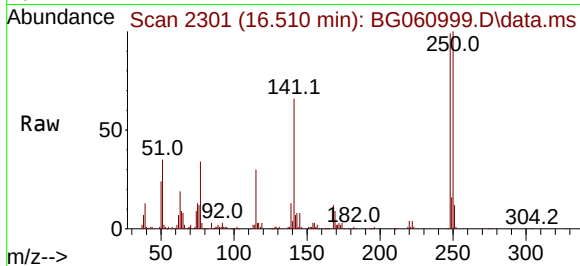
SP-1CMSD

Tgt Ion:248 Resp: 107039
Ion Ratio Lower Upper
248 100
250 100.8 78.7 118.1
141 66.7 50.4 75.6

Manual Integrations

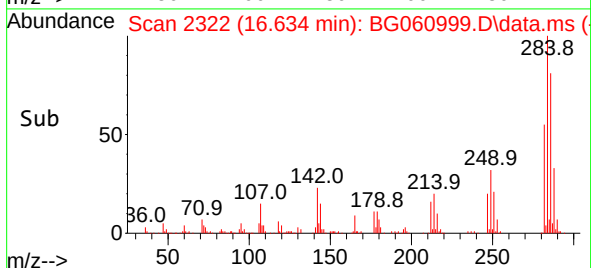
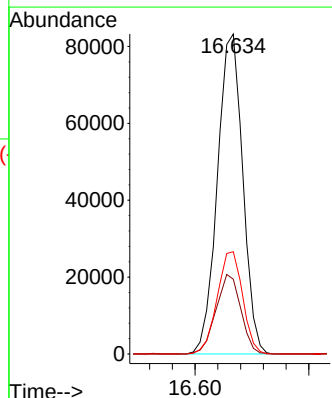
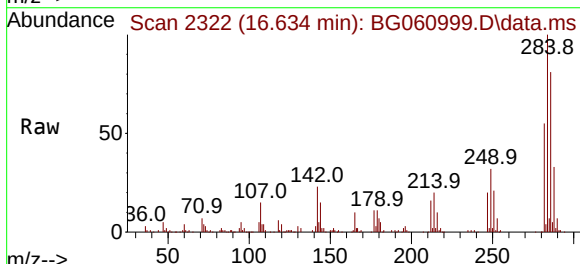
APPROVED

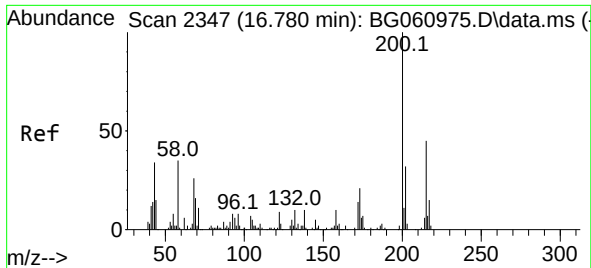
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#68
Hexachlorobenzene
Concen: 48.183 ng
RT: 16.634 min Scan# 2322
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

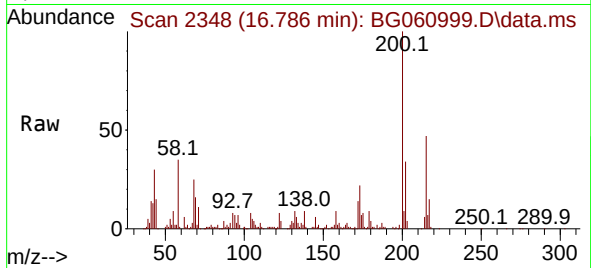
Tgt Ion:284 Resp: 128809
Ion Ratio Lower Upper
284 100
142 23.3 18.7 28.1
249 31.9 26.4 39.6





#69
Atrazine
Concen: 50.879 ng
RT: 16.786 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

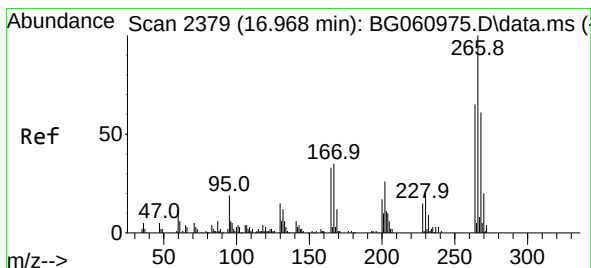
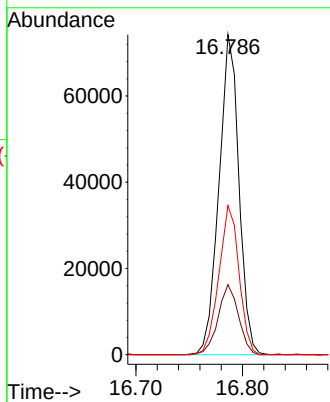
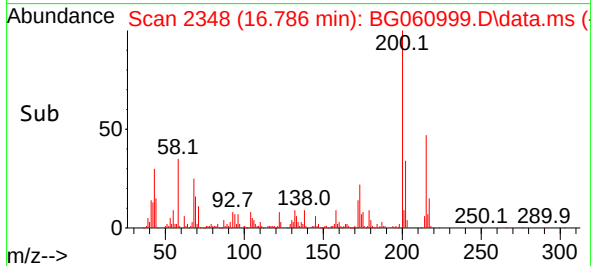
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion:200 Resp: 96209
Ion Ratio Lower Upper
200 100
173 21.9 1.4 41.4
215 46.6 25.3 65.3

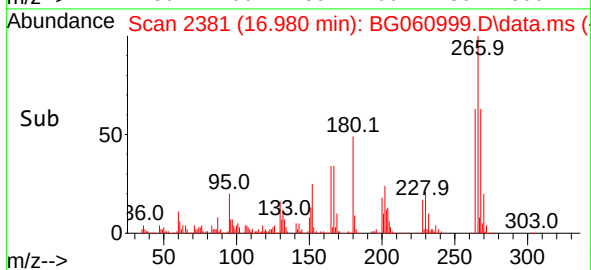
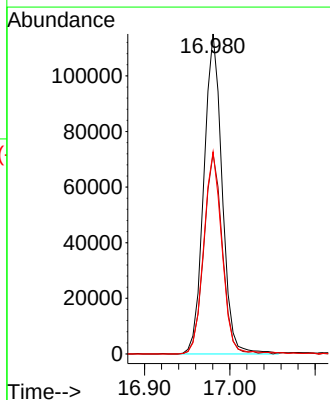
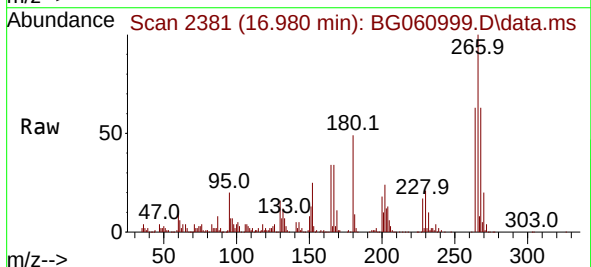
Manual Integrations
APPROVED

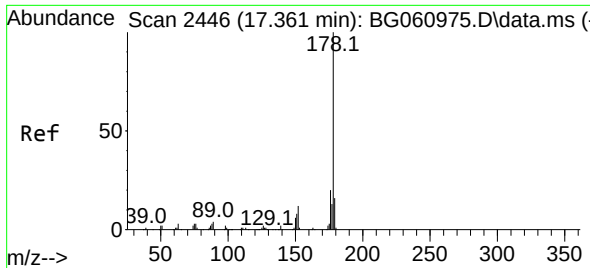
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#70
Pentachlorophenol
Concen: 97.459 ng
RT: 16.980 min Scan# 2381
Delta R.T. 0.012 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

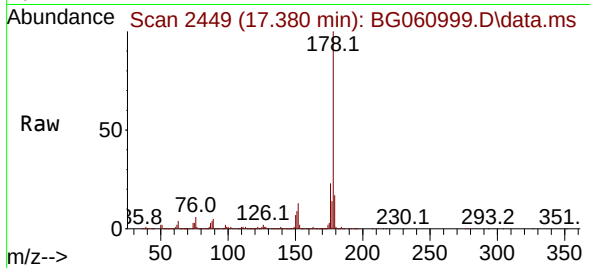
Tgt Ion:266 Resp: 170843
Ion Ratio Lower Upper
266 100
268 62.6 49.1 73.7
264 63.2 52.2 78.2





#71
Phenanthrene
Concen: 328.536 ng
RT: 17.380 min Scan# 2449
Delta R.T. 0.019 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

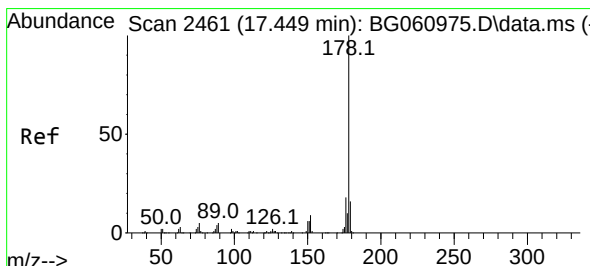
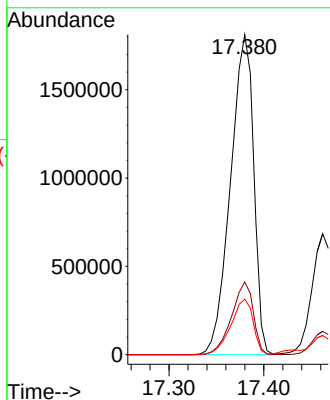
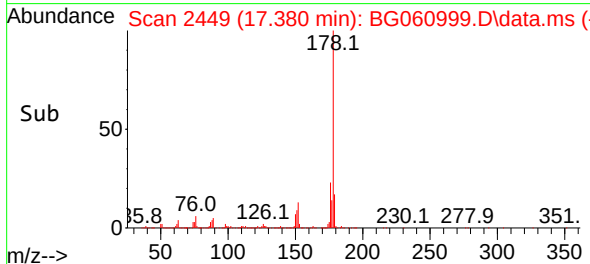
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



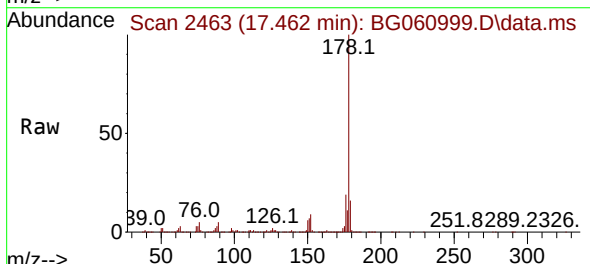
Tgt Ion:178 Resp: 307527
Ion Ratio Lower Upper
178 100
176 22.7 16.0 24.0
179 17.4 12.5 18.7

Manual Integrations
APPROVED

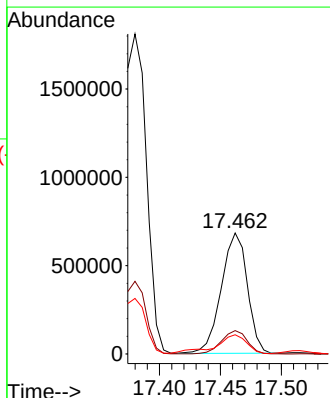
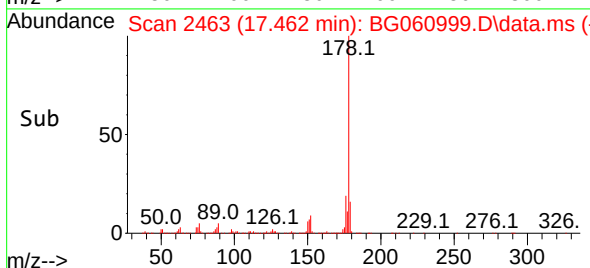
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

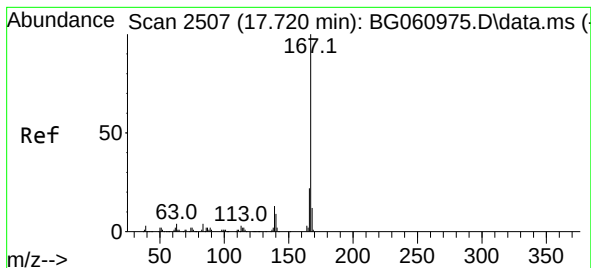


#72
Anthracene
Concen: 105.482 ng
RT: 17.462 min Scan# 2463
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11



Tgt Ion:178 Resp: 1016902
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.9 12.4 18.6





#73

Carbazole

Concen: 82.294 ng

RT: 17.726 min Scan# 2508

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

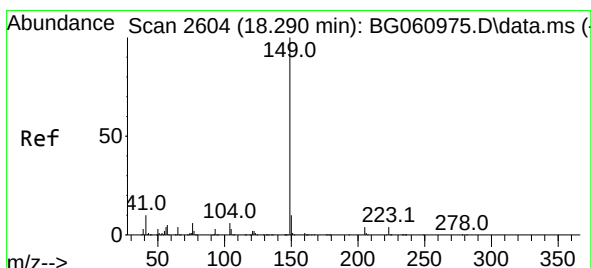
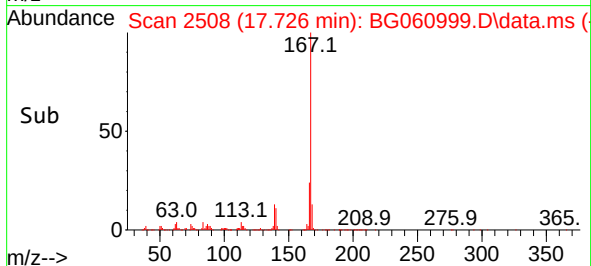
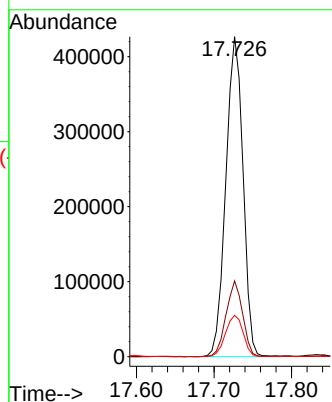
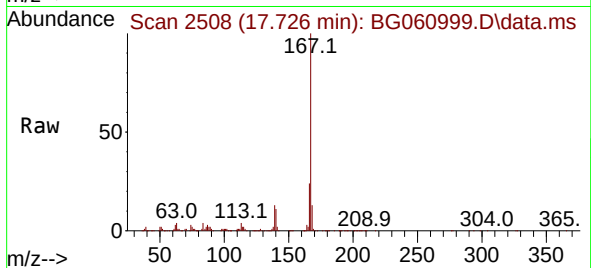
Tgt Ion:	167	Resp:	658889
Ion Ratio	Lower	Upper	
167	100		
166	23.7	17.8	26.8
139	12.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#74

Di-n-butylphthalate

Concen: 41.163 ng

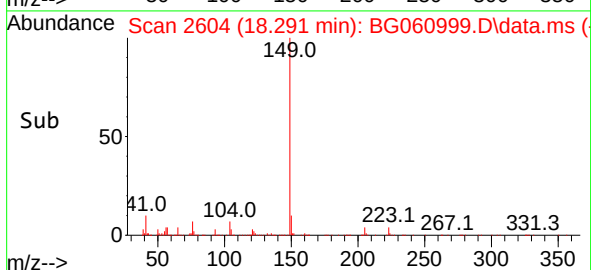
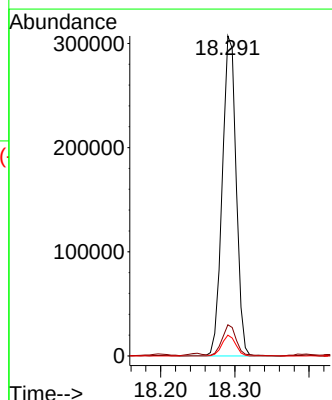
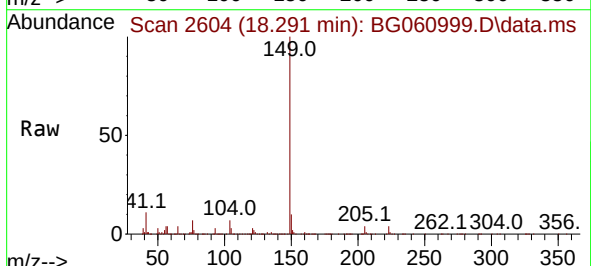
RT: 18.291 min Scan# 2604

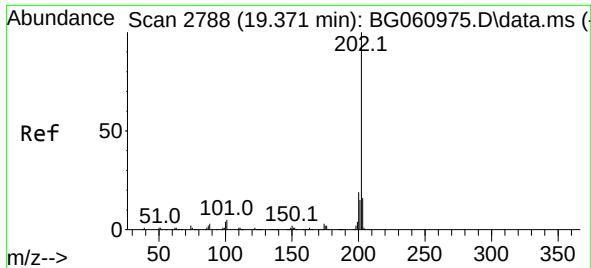
Delta R.T. 0.001 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

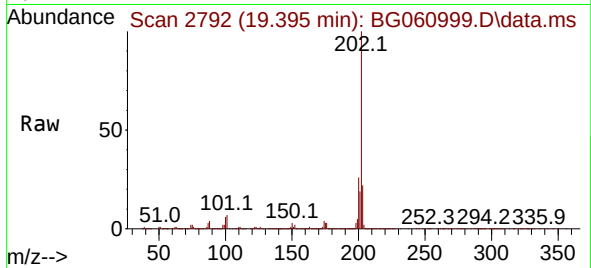
Tgt Ion:	149	Resp:	400131
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.7	11.5
104	6.5	5.0	7.6





#75
Fluoranthene
Concen: 329.921 ng
RT: 19.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

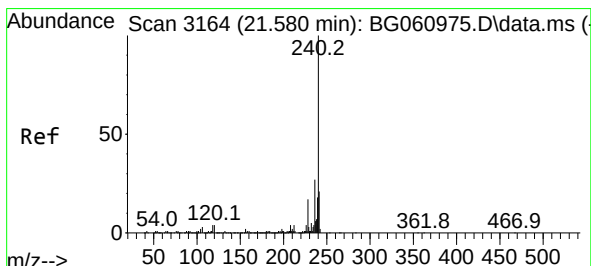
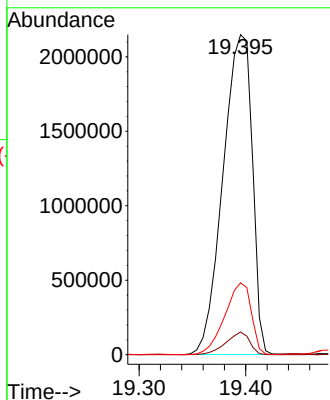
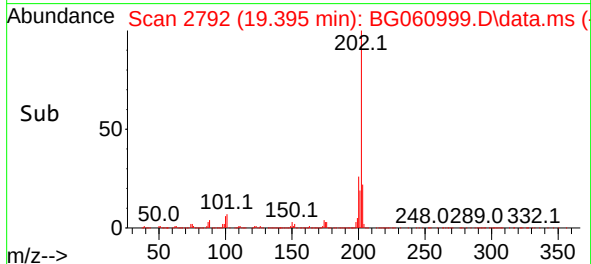
Instrument :
BNA_G
ClientSampleId :
SP-1CMSD



Tgt Ion:202 Resp: 409851
Ion Ratio Lower Upper
202 100
101 7.1 0.0 24.9
203 22.5 0.0 36.2

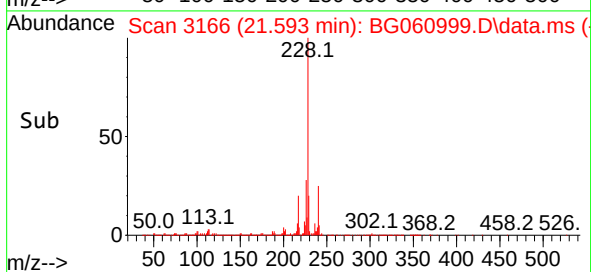
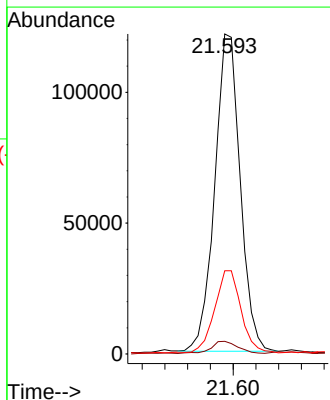
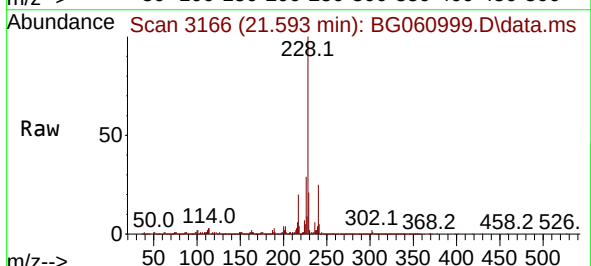
Manual Integrations
APPROVED

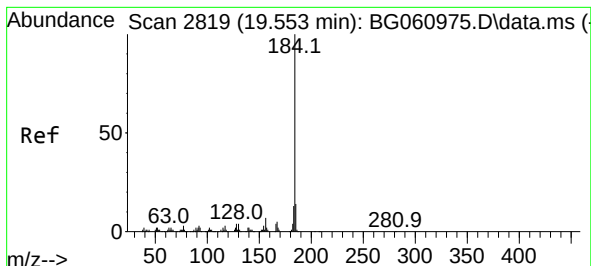
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. 0.013 min
Lab File: BG060999.D
Acq: 22 Apr 2024 20:11

Tgt Ion:240 Resp: 188604
Ion Ratio Lower Upper
240 100
120 3.9 3.0 4.6
236 26.0 21.8 32.6





#77

Benzidine

Concen: 33.999 ng

RT: 19.560 min Scan# 2820

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

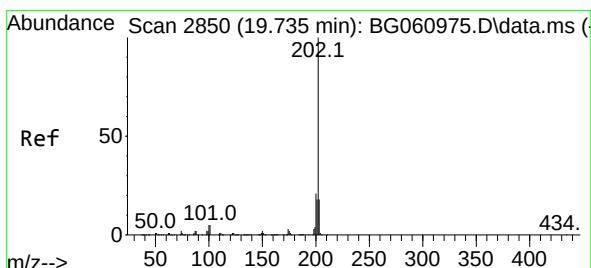
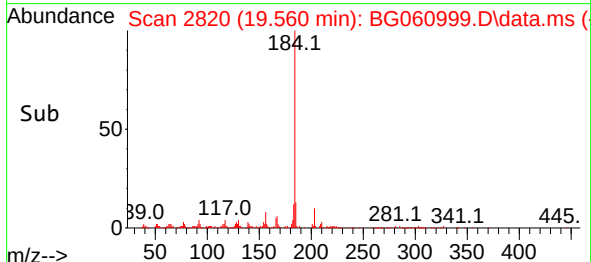
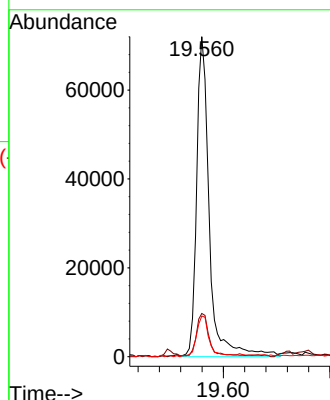
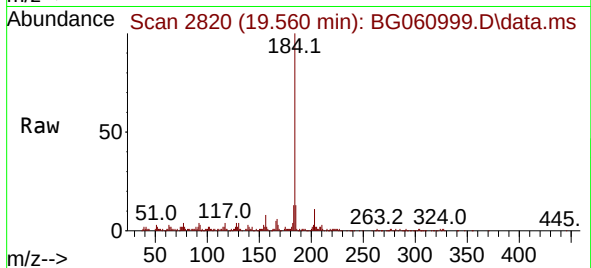
Tgt Ion:	184	Resp:	11881
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.3	16.9
183	12.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#78

Pyrene

Concen: 287.462 ng

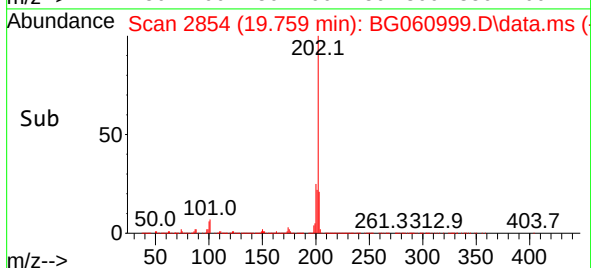
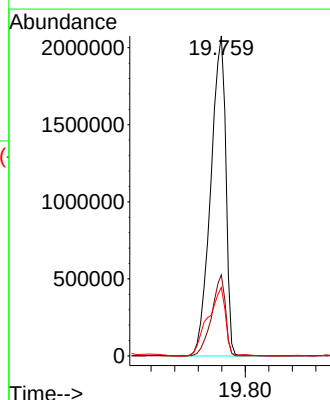
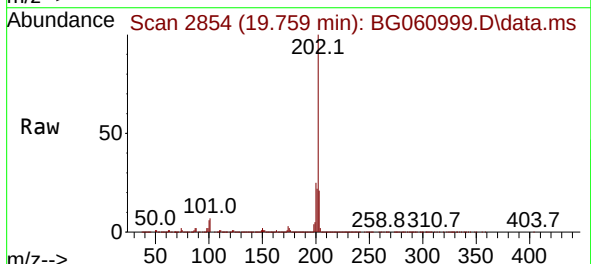
RT: 19.759 min Scan# 2854

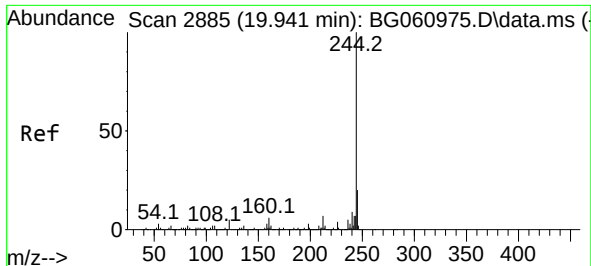
Delta R.T. 0.024 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Tgt Ion:	202	Resp:	3691582
Ion Ratio	Lower	Upper	
202	100		
200	25.4	16.8	25.2#
203	21.4	14.2	21.2#





#79
 Terphenyl-d14
 Concen: 54.693 ng
 RT: 19.942 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

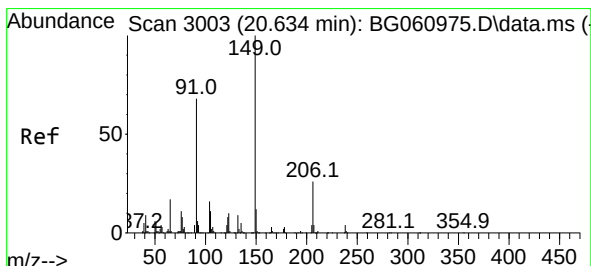
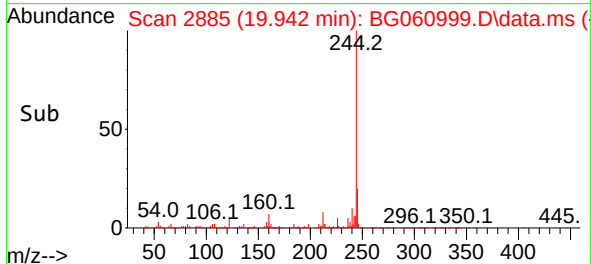
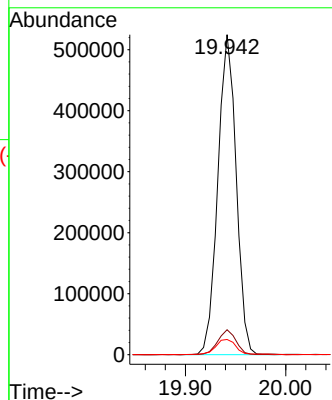
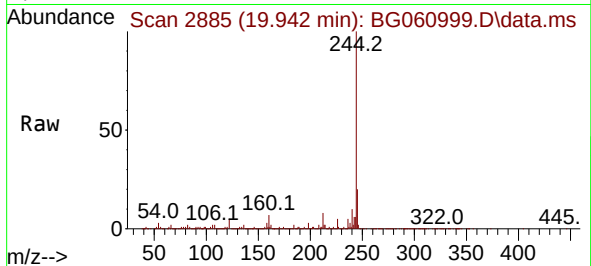
SP-1CMSD

Tgt Ion:244 Resp: 664552
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 4.8 4.2 6.2

Manual Integrations

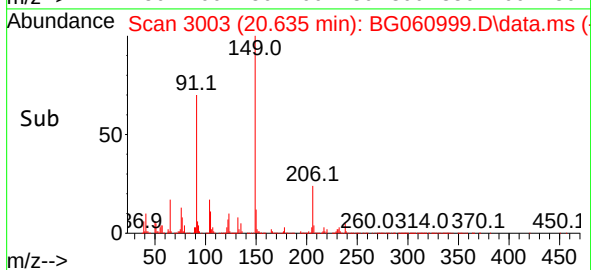
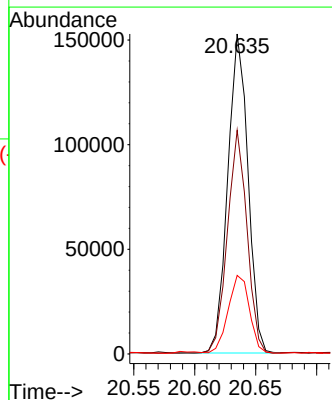
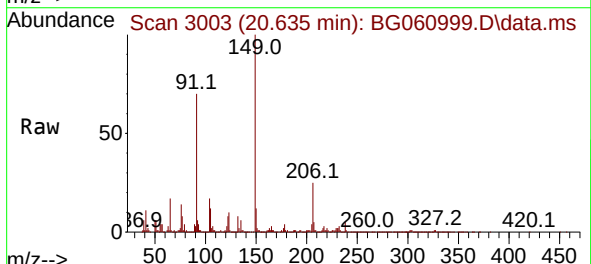
APPROVED

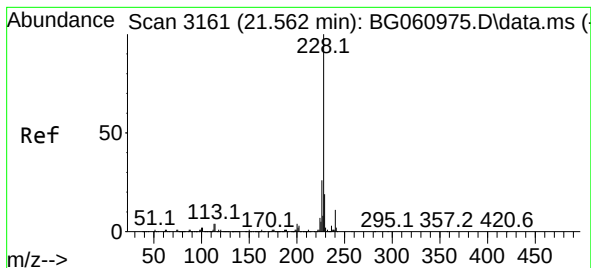
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#80
 Butylbenzylphthalate
 Concen: 41.103 ng
 RT: 20.635 min Scan# 3003
 Delta R.T. 0.001 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

Tgt Ion:149 Resp: 175933
 Ion Ratio Lower Upper
 149 100
 91 69.9 54.4 81.6
 206 24.6 20.8 31.2





#81

Benzo(a)anthracene

Concen: 175.868 ng

RT: 21.581 min Scan# 3164

Delta R.T. 0.019 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

Tgt Ion:228 Resp: 2332000

Ion Ratio Lower Upper

228 100

226 30.2 21.0 31.4

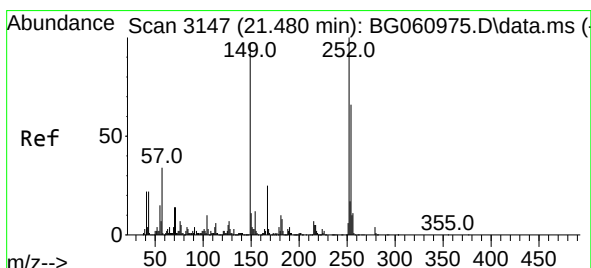
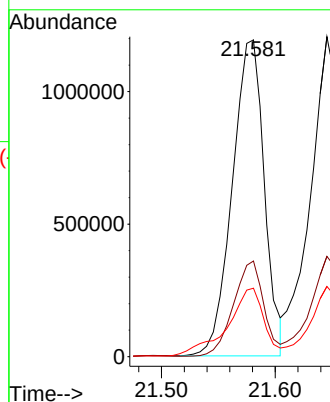
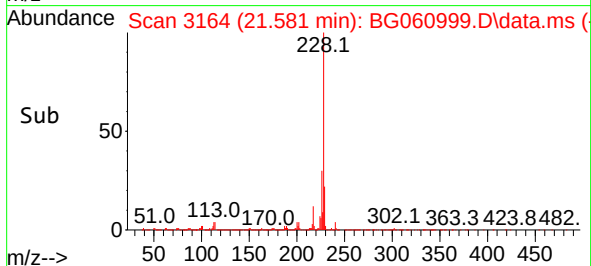
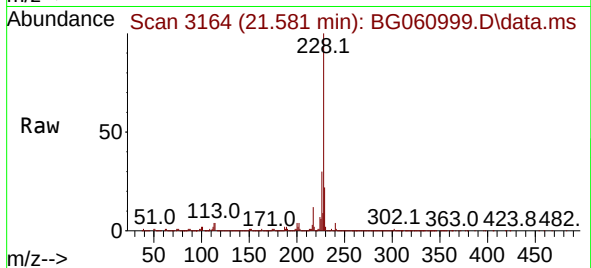
229 21.6 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.474 ng

RT: 21.487 min Scan# 3148

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

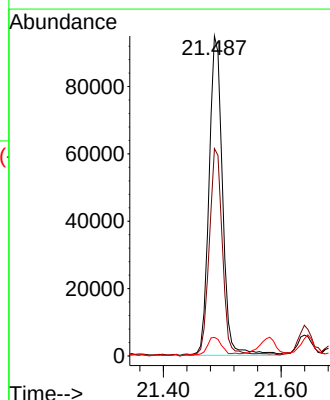
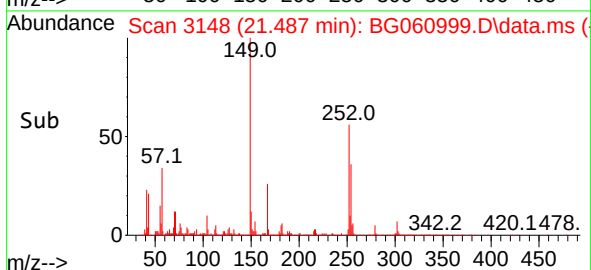
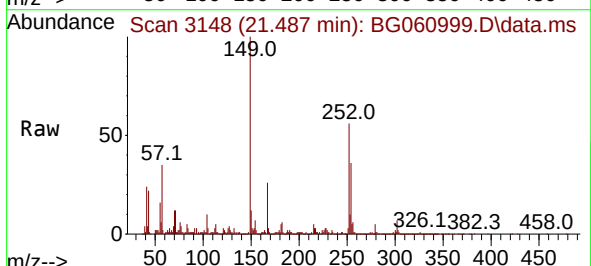
Tgt Ion:252 Resp: 150829

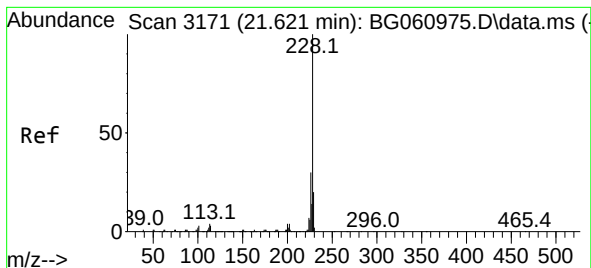
Ion Ratio Lower Upper

252 100

254 64.8 52.7 79.1

126 5.8 4.2 6.2





#83

Chrysene

Concen: 169.714 ng

RT: 21.645 min Scan# 3175

Delta R.T. 0.024 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

Tgt Ion:228 Resp: 214256

Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.2

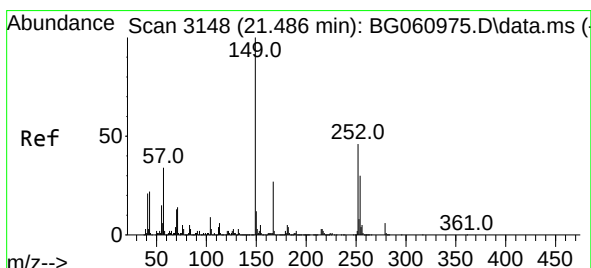
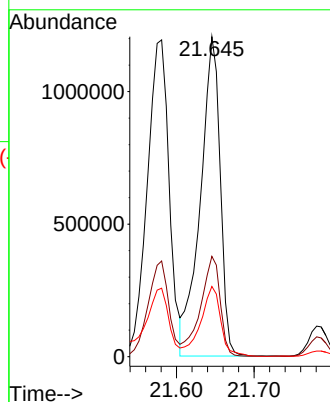
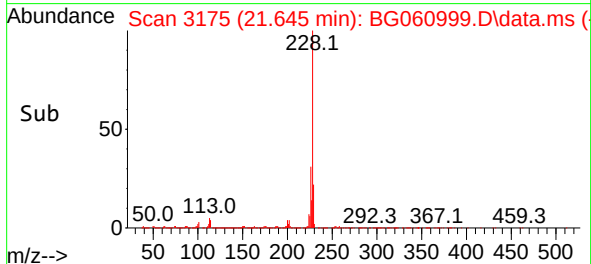
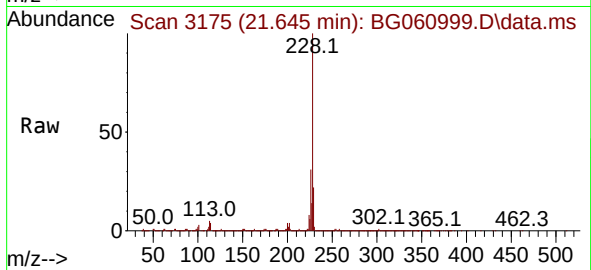
229 21.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.937 ng

RT: 21.493 min Scan# 3149

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

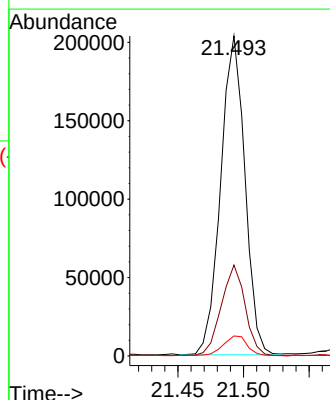
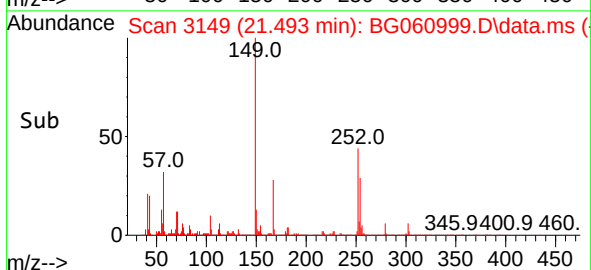
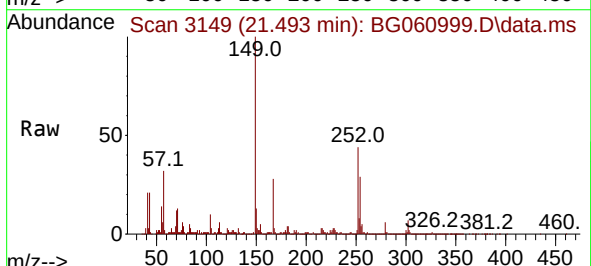
Tgt Ion:149 Resp: 260978

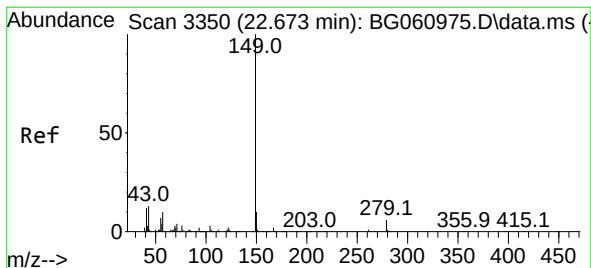
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

279 6.3 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 41.186 ng

RT: 22.680 min Scan# 3350

Delta R.T. 0.007 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

Tgt Ion:149 Resp: 425519

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

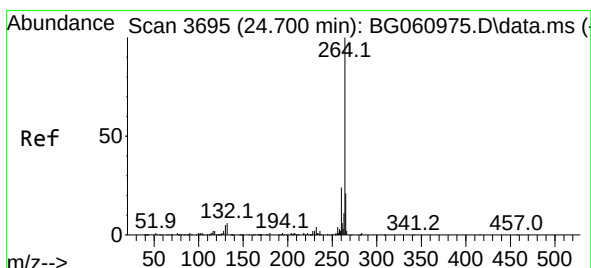
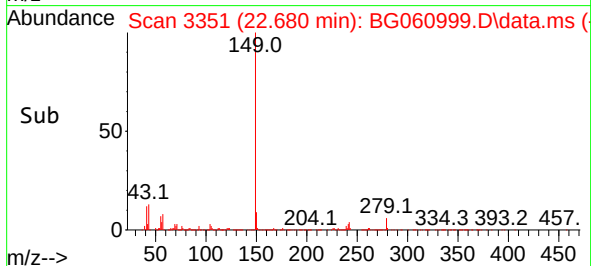
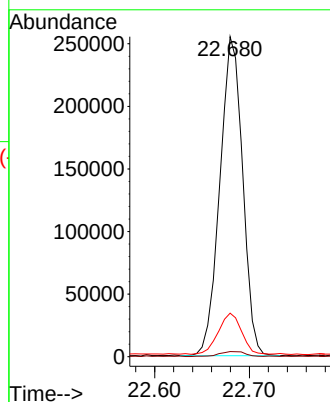
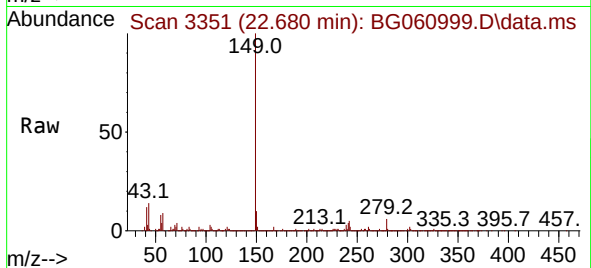
43 13.1 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.724 min Scan# 3699

Delta R.T. 0.024 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

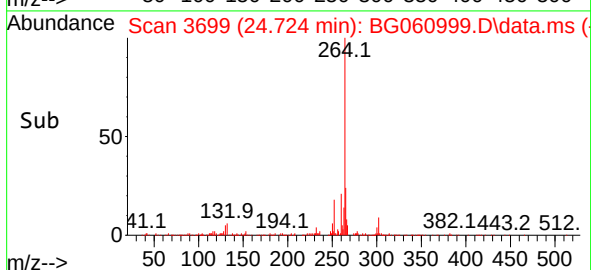
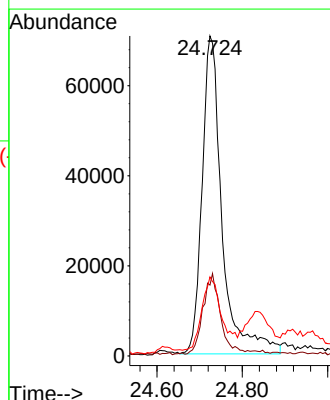
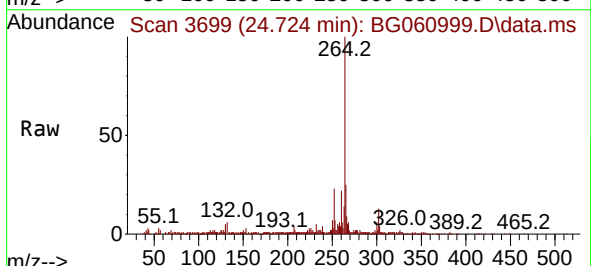
Tgt Ion:264 Resp: 229469

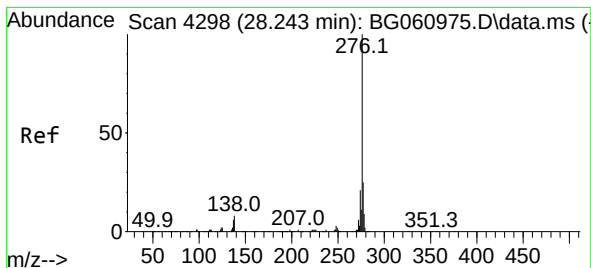
Ion Ratio Lower Upper

264 100

260 22.2 19.4 29.2

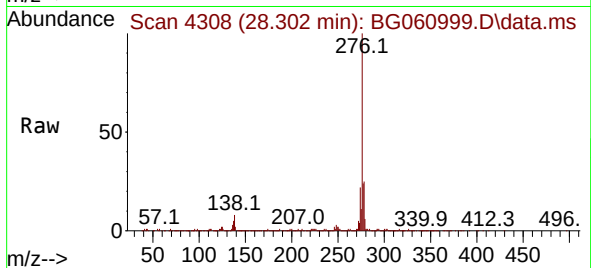
265 24.7 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 77.100 ng
 RT: 28.302 min Scan# 41
 Delta R.T. 0.060 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11

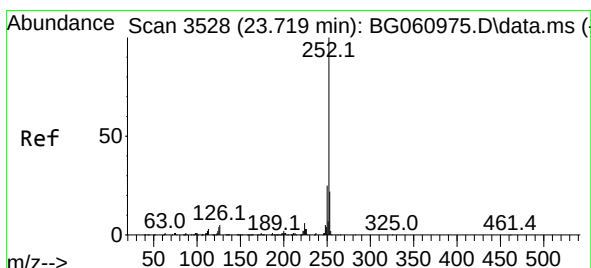
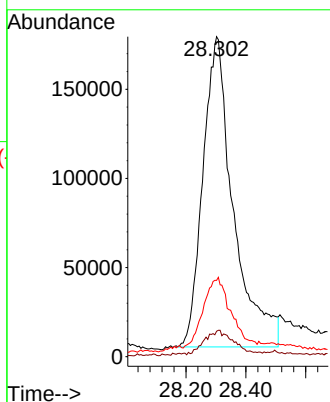
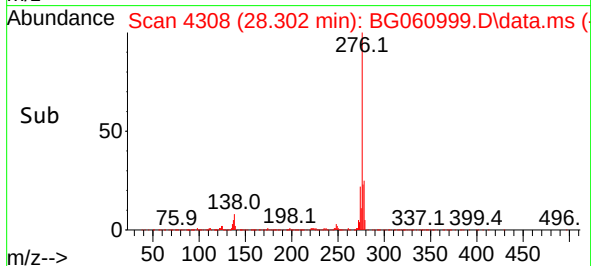
Instrument :
 BNA_G
 ClientSampleId :
 SP-1CMSD



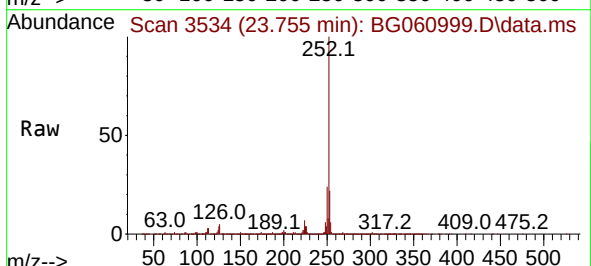
Tgt Ion:276 Resp: 1227304
 Ion Ratio Lower Upper
 276 100
 138 7.7 5.3 7.9
 277 21.2 20.6 30.8

Manual Integrations
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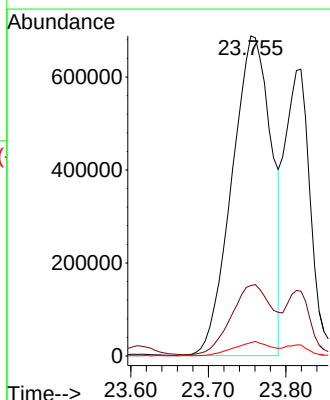
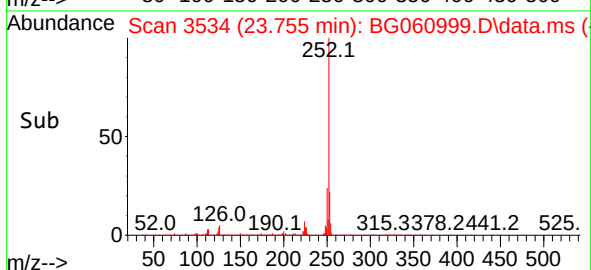
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

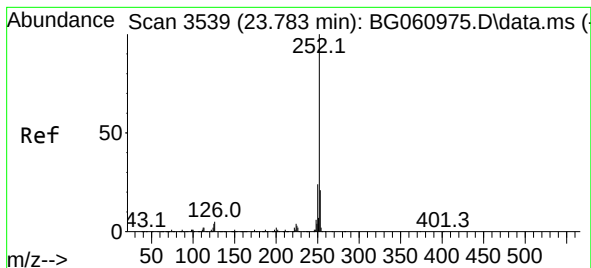


#88
 Benzo(b)fluoranthene
 Concen: 187.195 ng
 RT: 23.755 min Scan# 3534
 Delta R.T. 0.036 min
 Lab File: BG060999.D
 Acq: 22 Apr 2024 20:11



Tgt Ion:252 Resp: 2434259
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 4.1 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 104.860 ng m

RT: 23.819 min Scan# 3

Delta R.T. 0.036 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNL_G

ClientSampleId :

SP-1CMSD

Tgt Ion:252 Resp: 1376520

Ion Ratio Lower Upper

252 100

253 22.6 16.6 25.0

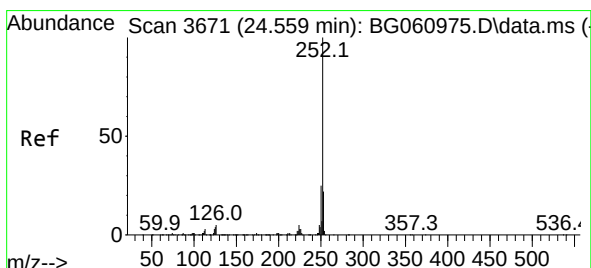
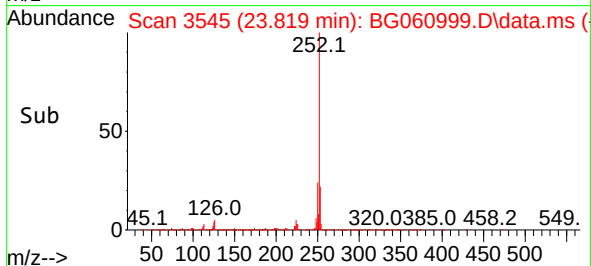
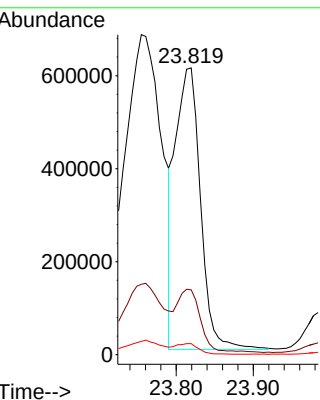
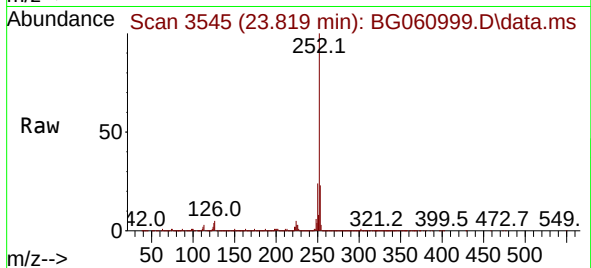
125 3.8 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#90

Benzo(a)pyrene

Concen: 154.261 ng

RT: 24.601 min Scan# 3678

Delta R.T. 0.042 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

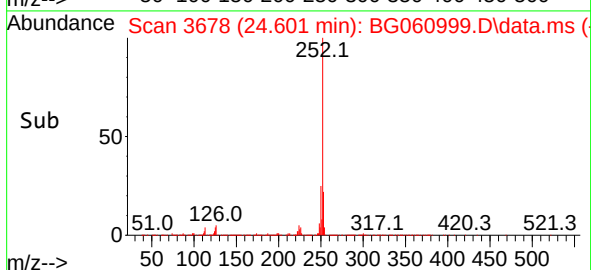
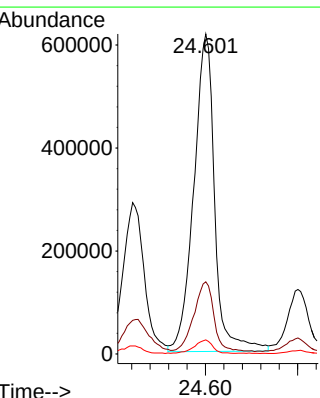
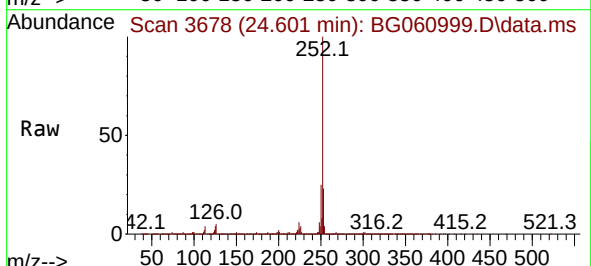
Tgt Ion:252 Resp: 1941652

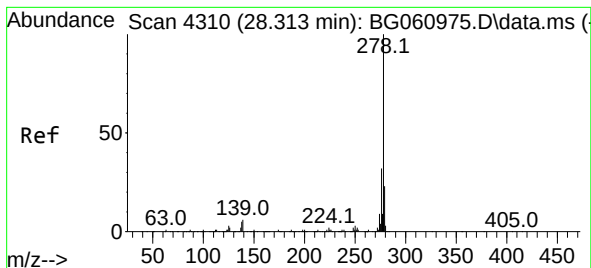
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 4.4 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 43.572 ng

RT: 28.361 min Scan# 4318

Delta R.T. 0.048 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Instrument :

BNA_G

ClientSampleId :

SP-1CMSD

Tgt Ion:278 Resp: 56667

Ion Ratio Lower Upper

278 100

139 5.2 4.7 7.1

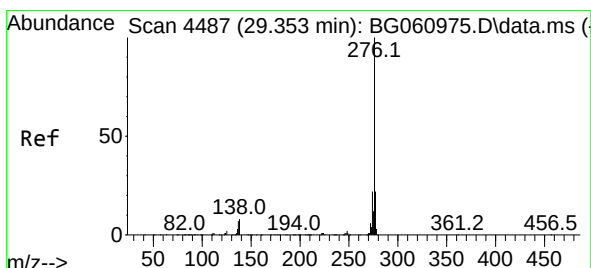
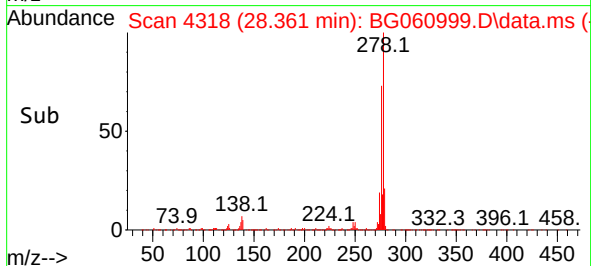
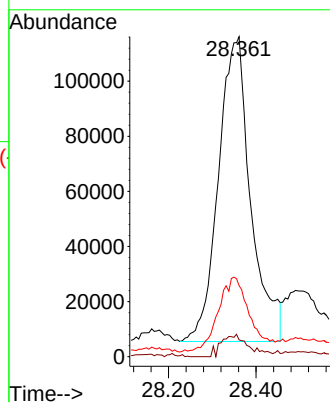
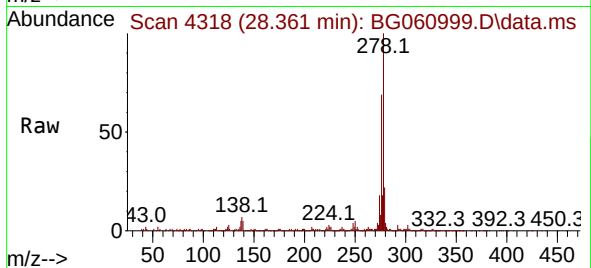
279 22.2 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#92

Benzo(g,h,i)perylene

Concen: 73.671 ng

RT: 29.413 min Scan# 4497

Delta R.T. 0.060 min

Lab File: BG060999.D

Acq: 22 Apr 2024 20:11

Tgt Ion:276 Resp: 950004

Ion Ratio Lower Upper

276 100

277 24.6 18.0 27.0

138 7.4 6.5 9.7

