

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060998.D
 Acq On : 22 Apr 2024 19:29
 Operator : MA/JU
 Sample : P2126-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1CMS

Quant Time: Apr 23 02:20:06 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	30026	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	109973	20.000	ng	# 0.00
39) Acenaphthene-d10	14.576	164	85014	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	197046	20.000	ng	0.00
76) Chrysene-d12	21.597	240	206964	20.000	ng	0.02
86) Perylene-d12	24.723	264	234016	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	144363	97.252	ng	0.00
7) Phenol-d6	7.114	99	184166	83.618	ng	0.00
23) Nitrobenzene-d5	9.100	82	142679	58.291	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	162336	86.957	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	379476	61.778	ng	0.00
79) Terphenyl-d14	19.940	244	707682	53.076	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	16788	32.678	ng	97
3) Pyridine	3.836	79	47368	29.829	ng	94
4) n-Nitrosodimethylamine	3.754	42	54844	38.400	ng	# 96
6) Aniline	7.267	93	32164	12.151	ng	95
8) 2-Chlorophenol	7.514	128	81374	43.996	ng	98
9) Benzaldehyde	7.079	77	4186	3.695	ng	93
10) Phenol	7.144	94	91788	41.947	ng	97
11) bis(2-Chloroethyl)ether	7.367	93	60161	38.428	ng	97
12) 1,3-Dichlorobenzene	7.831	146	91779	44.746	ng	94
13) 1,4-Dichlorobenzene	7.978	146	95177	45.050	ng	99
14) 1,2-Dichlorobenzene	8.295	146	90628	43.893	ng	95
15) Benzyl Alcohol	8.178	79	80766	38.839	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	138567	40.659	ng	99
17) 2-Methylphenol	8.389	107	69194	39.162	ng	97
18) Hexachloroethane	9.024	117	35090	46.094	ng	96
19) n-Nitroso-di-n-propyla...	8.748	70	60796	37.040	ng	99
20) 3+4-Methylphenols	8.712	107	95033	38.459	ng	98
22) Acetophenone	8.759	105	129620	42.210	ng	98
24) Nitrobenzene	9.141	77	96362	40.970	ng	97
25) Isophorone	9.664	82	165933	40.508	ng	98
26) 2-Nitrophenol	9.852	139	47833	43.271	ng	95
27) 2,4-Dimethylphenol	9.917	122	61572	34.751	ng	96
28) bis(2-Chloroethoxy)met...	10.146	93	89622	41.590	ng	95
29) 2,4-Dichlorophenol	10.387	162	89690	43.859	ng	97
30) 1,2,4-Trichlorobenzene	10.604	180	105181	46.617	ng	92
31) Naphthalene	10.792	128	473393	78.627	ng	99
32) Benzoic acid	10.070	122	56800m	42.074	ng	
33) 4-Chloroaniline	10.892	127	28206	10.313	ng	96
34) Hexachlorobutadiene	11.074	225	92477	46.605	ng	95
35) Caprolactam	11.680	113	23277m	35.737	ng	
36) 4-Chloro-3-methylphenol	12.026	107	91687	38.443	ng	95
37) 2-Methylnaphthalene	12.396	142	240963	50.902	ng	98
38) 1-Methylnaphthalene	12.614	142	215227	48.721	ng	98
40) 1,2,4,5-Tetrachloroben...	12.767	216	150313	49.753	ng	99
41) Hexachlorocyclopentadiene	12.749	237	86528	48.675	ng	95
43) 2,4,6-Trichlorophenol	13.007	196	90910	45.776	ng	93

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Supervised By :mohammad ahmed 04/24/2024

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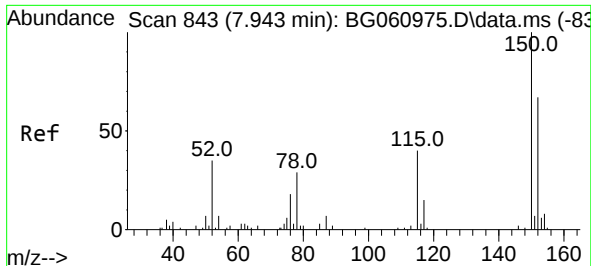
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	97437	41.477	ng	97
46) 1,1'-Biphenyl	13.407	154	286499	50.031	ng	97
47) 2-Chloronaphthalene	13.448	162	208449	47.476	ng	98
48) 2-Nitroaniline	13.648	65	69346	39.134	ng	97
49) Acenaphthylene	14.294	152	342779	46.355	ng	99
50) Dimethylphthalate	14.030	163	281069	40.093	ng	98
51) 2,6-Dinitrotoluene	14.147	165	58317	39.868	ng	99
52) Acenaphthene	14.641	154	338378	75.310	ng	99
53) 3-Nitroaniline	14.470	138	34616	24.000	ng	95
54) 2,4-Dinitrophenol	14.682	184	33989	38.750	ng	98
55) Dibenzofuran	14.976	168	480399	61.917	ng	99
56) 4-Nitrophenol	14.794	139	88232	85.386	ng	98
57) 2,4-Dinitrotoluene	14.940	165	85677	40.669	ng	91
58) Fluorene	15.622	166	450843	68.843	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	97695	41.204	ng	# 99
60) Diethylphthalate	15.399	149	272581	39.482	ng	98
61) 4-Chlorophenyl-phenyle...	15.616	204	162251	40.172	ng	99
62) 4-Nitroaniline	15.640	138	51223	32.936	ng	98
63) Azobenzene	15.910	77	224104	39.909	ng	93
65) 4,6-Dinitro-2-methylph...	15.710	198	28823	23.690	ng	94
66) n-Nitrosodiphenylamine	15.828	169	246998	45.498	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	117891	45.334	ng	97
68) Hexachlorobenzene	16.633	284	140276	48.835	ng	99
69) Atrazine	16.791	200	101192	49.804	ng	94
70) Pentachlorophenol	16.979	266	179659	95.383	ng	96
71) Phenanthrene	17.379	178	3279632	326.077	ng	93
72) Anthracene	17.461	178	1095699	105.776	ng	99
73) Carbazole	17.725	167	691839	80.419	ng	98
74) Di-n-butylphthalate	18.295	149	432954	41.452	ng	100
75) Fluoranthene	19.400	202	4235354	317.300	ng	87
77) Benzidine	19.559	184	98748	25.750	ng	98
78) Pyrene	19.758	202	3859209	273.856	ng	# 90
80) Butylbenzylphthalate	20.634	149	183328	39.031	ng	96
81) Benzo(a)anthracene	21.580	228	2423829	166.577	ng	93
82) 3,3'-Dichlorobenzidine	21.492	252	146285	27.818	ng	95
83) Chrysene	21.644	228	2253880m	162.693	ng	
84) Bis(2-ethylhexyl)phtha...	21.492	149	270088	39.551	ng	99
85) Di-n-octyl phthalate	22.678	149	455219	40.152	ng	99
87) Indeno(1,2,3-cd)pyrene	28.301	276	1335403	82.260	ng	93
88) Benzo(b)fluoranthene	23.760	252	2541752	191.663	ng	100
89) Benzo(k)fluoranthene	23.818	252	1449244m	108.255	ng	
90) Benzo(a)pyrene	24.600	252	2049812	159.690	ng	99
91) Dibenzo(a,h)anthracene	28.348	278	593170	44.723	ng	95
92) Benzo(g,h,i)perylene	29.406	276	1102999m	83.873	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 843
Delta R.T. -0.000 min
Lab File: BG060998.D
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Instrument :

BNA_G

ClientSampleId :

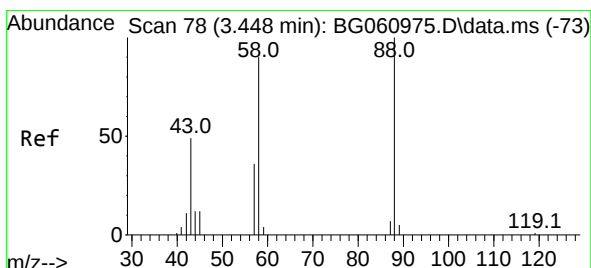
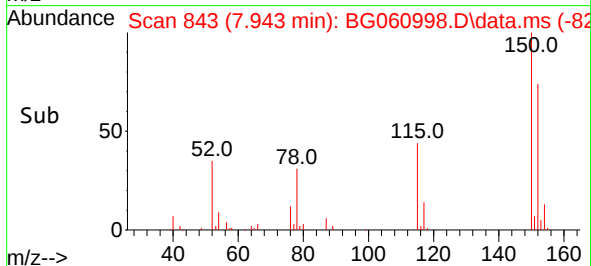
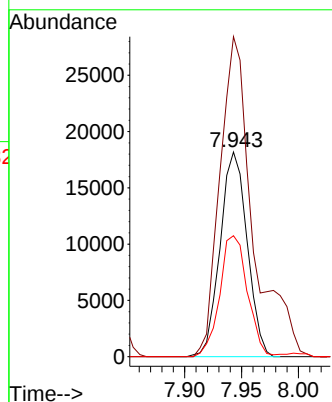
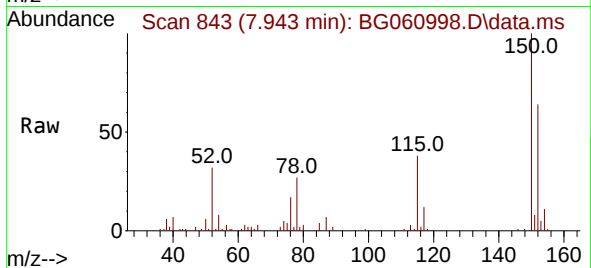
SP-1CMS

Tgt Ion:152 Resp: 30020
Ion Ratio Lower Upper
152 100
150 156.4 118.6 178.0
115 59.1 47.4 71.0

Manual Integrations

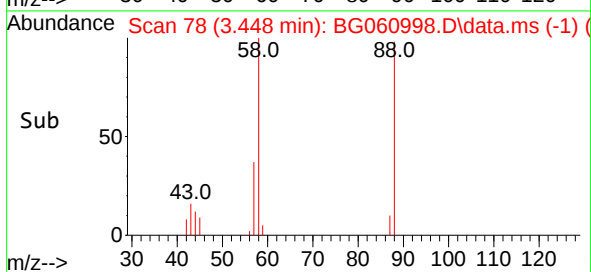
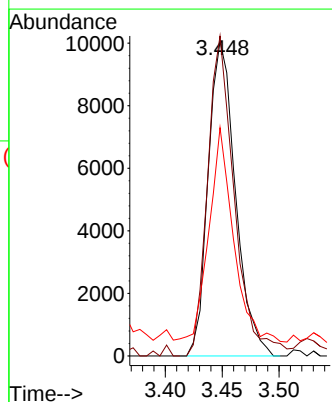
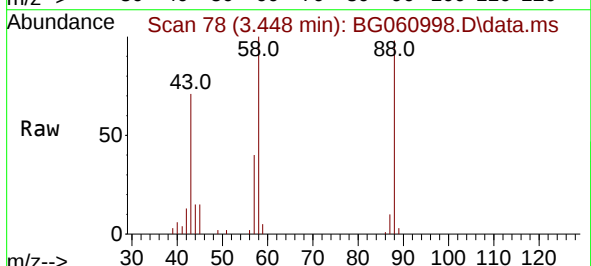
APPROVED

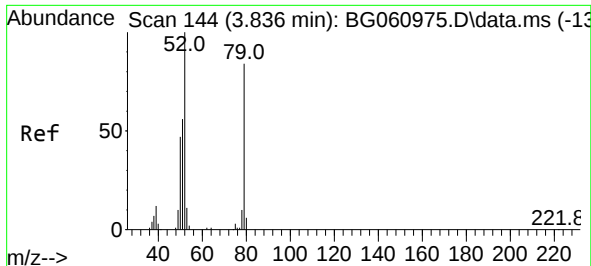
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#2
1,4-Dioxane
Concen: 32.678 ng
RT: 3.448 min Scan# 78
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

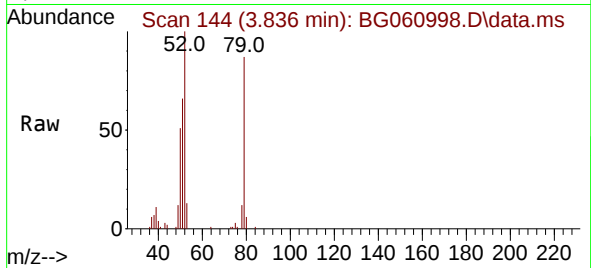
Tgt Ion: 88 Resp: 16788
Ion Ratio Lower Upper
88 100
58 100.0 80.2 120.2
43 60.9 43.4 65.0





#3
Pyridine
Concen: 29.829 ng
RT: 3.836 min Scan# 144
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

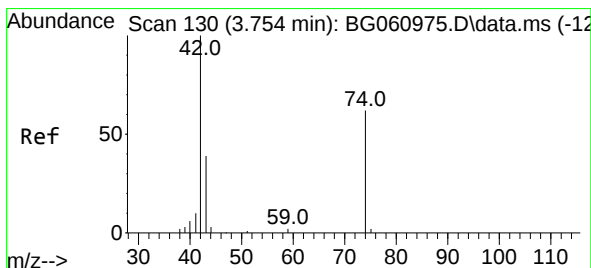
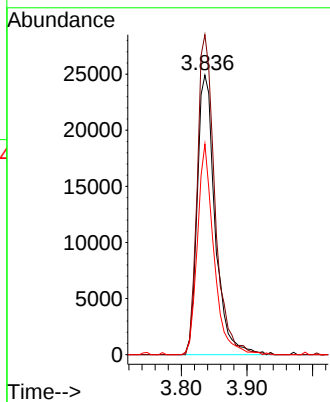
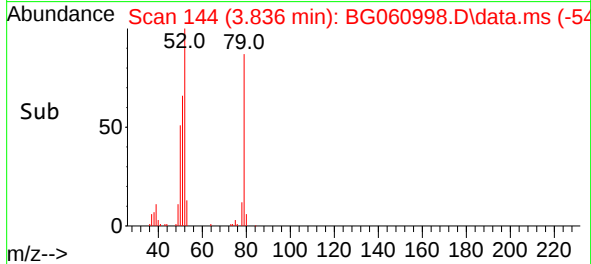
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion: 79 Resp: 47368
Ion Ratio Lower Upper
79 100
52 114.5 95.0 142.6
51 75.3 53.3 79.9

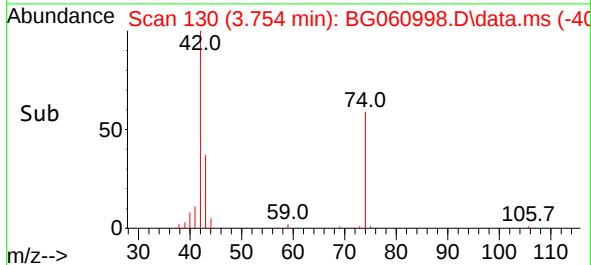
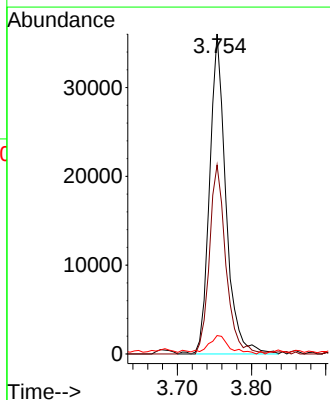
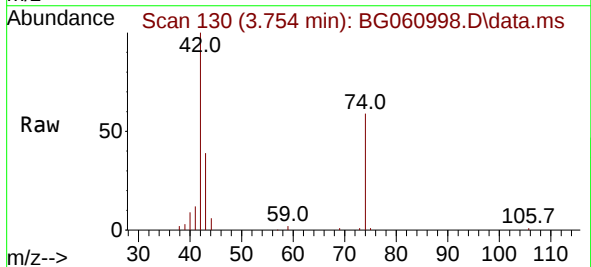
Manual Integrations
APPROVED

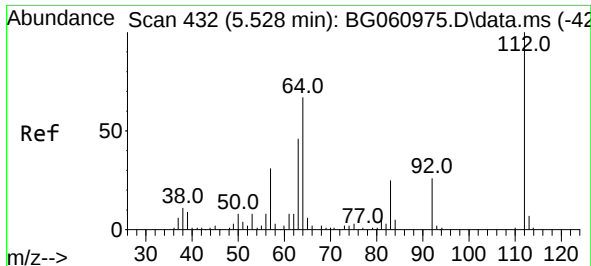
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#4
n-Nitrosodimethylamine
Concen: 38.400 ng
RT: 3.754 min Scan# 130
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion: 42 Resp: 54844
Ion Ratio Lower Upper
42 100
74 59.0 49.8 74.6
44 5.8 3.8 5.6#





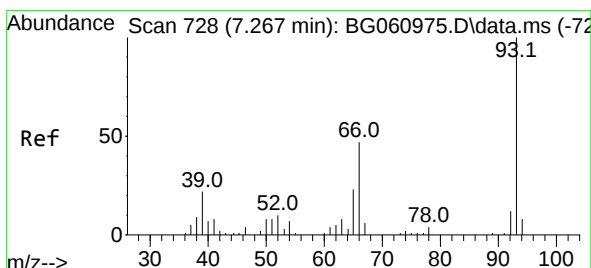
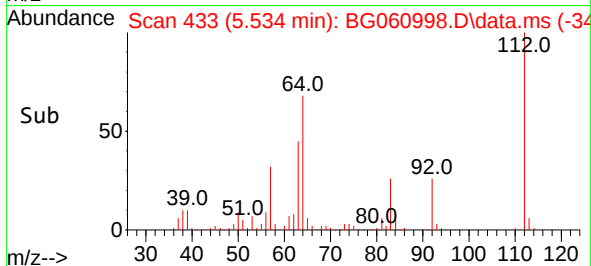
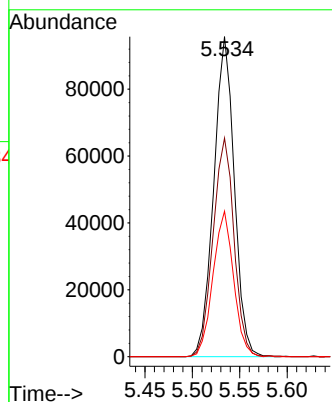
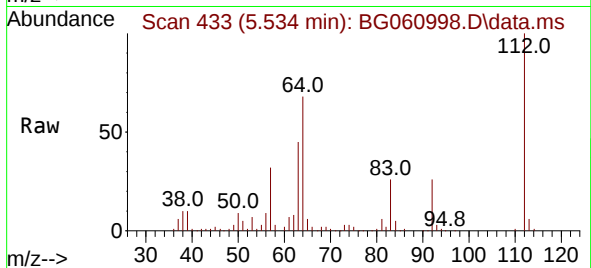
#5
2-Fluorophenol
Concen: 97.252 ng
RT: 5.534 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :
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ClientSampleId :
SP-1CMS

Tgt Ion:112 Resp: 14436
Ion Ratio Lower Upper
112 100
64 68.3 53.7 80.5
63 45.4 37.0 55.6

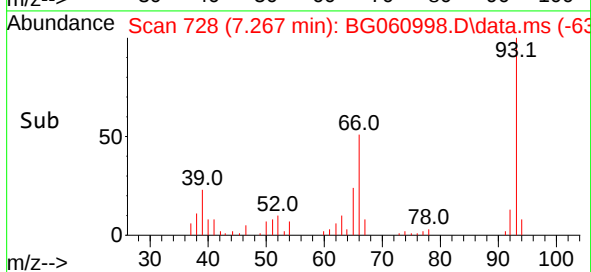
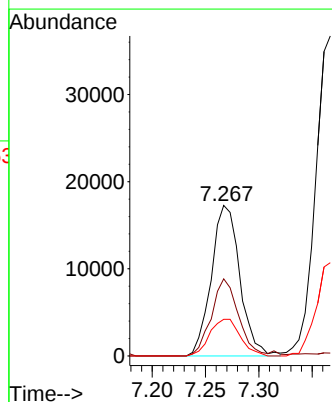
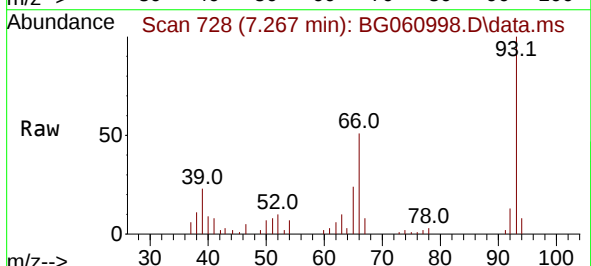
Manual Integrations
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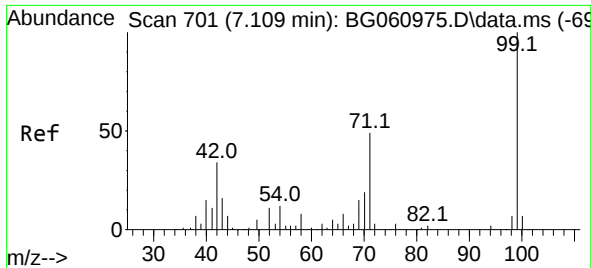
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#6
Aniline
Concen: 12.151 ng
RT: 7.267 min Scan# 728
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

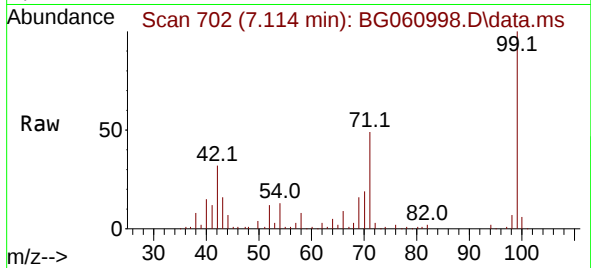
Tgt Ion: 93 Resp: 32164
Ion Ratio Lower Upper
93 100
66 51.3 37.9 56.9
65 24.4 18.2 27.4





#7
Phenol-d6
Concen: 83.618 ng
RT: 7.114 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

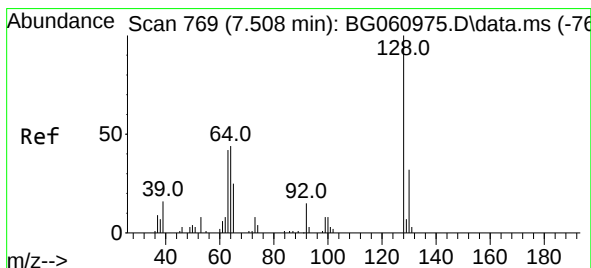
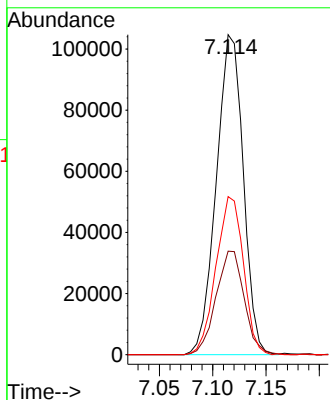
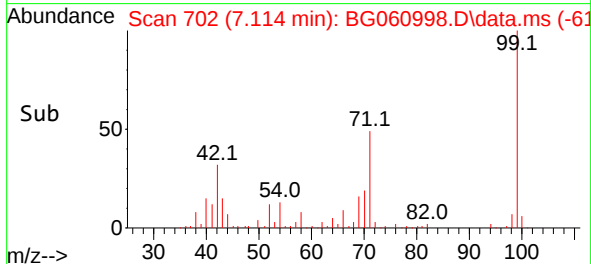
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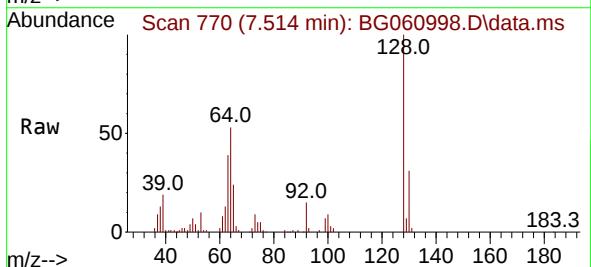
Tgt Ion: 99 Resp: 184160
Ion Ratio Lower Upper
99 100
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71 49.4 38.8 58.2

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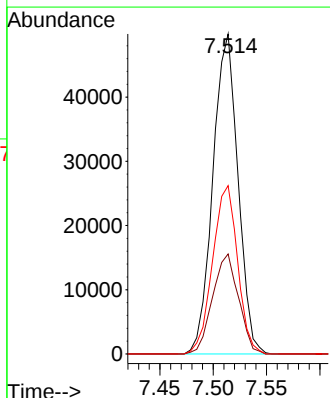
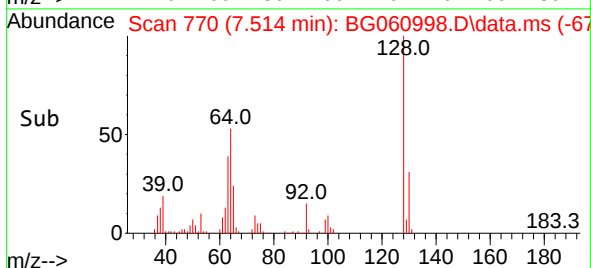
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

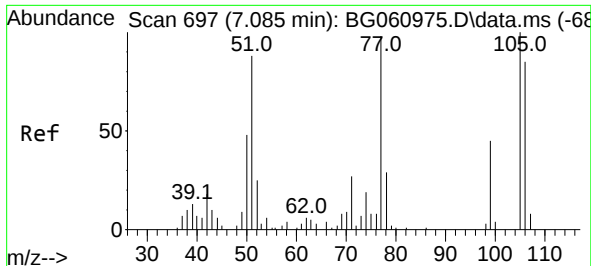


#8
2-Chlorophenol
Concen: 43.996 ng
RT: 7.514 min Scan# 770
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



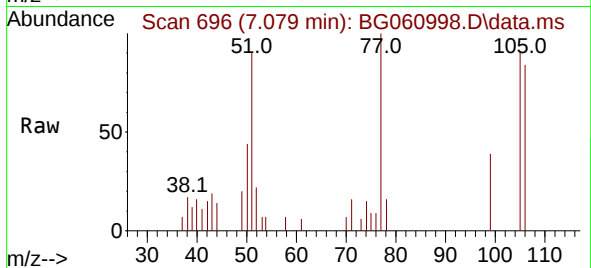
Tgt Ion:128 Resp: 81374
Ion Ratio Lower Upper
128 100
130 31.3 12.2 52.2
64 52.6 30.8 70.8





#9
Benzaldehyde
Concen: 3.695 ng
RT: 7.079 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

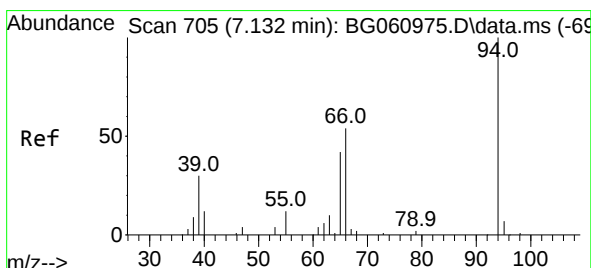
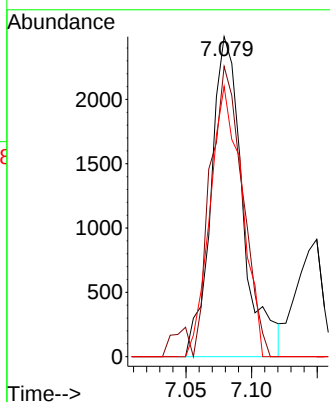
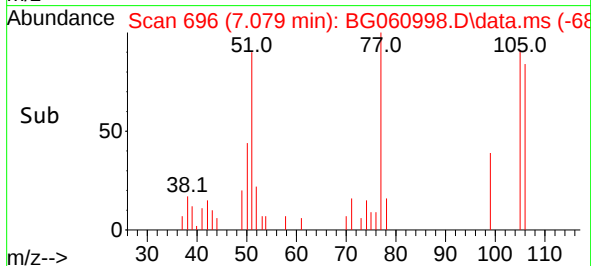
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



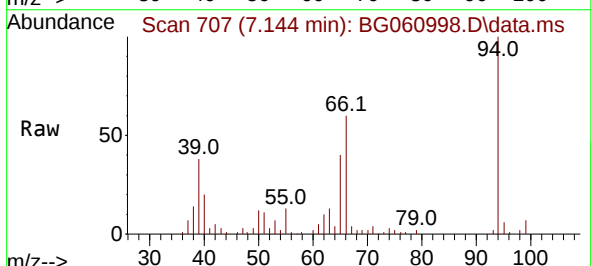
Tgt Ion: 77 Resp: 4180
Ion Ratio Lower Upper
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105 90.7 81.7 121.7
106 84.4 66.7 106.7

Manual Integrations
APPROVED

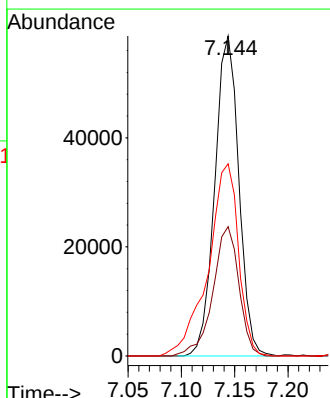
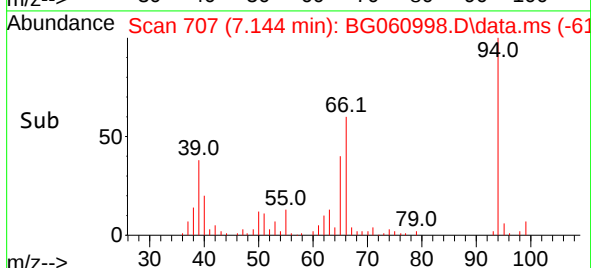
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

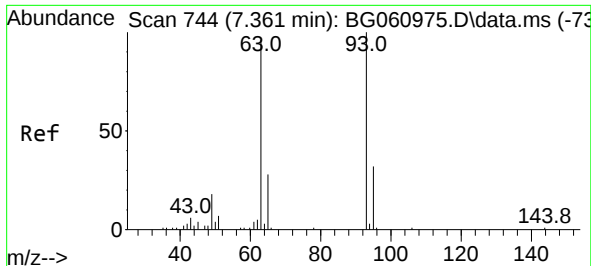


#10
Phenol
Concen: 41.947 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.012 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion: 94 Resp: 91788
Ion Ratio Lower Upper
94 100
65 40.4 23.1 63.1
66 60.1 38.0 78.0





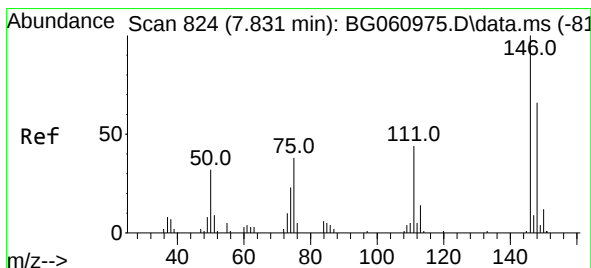
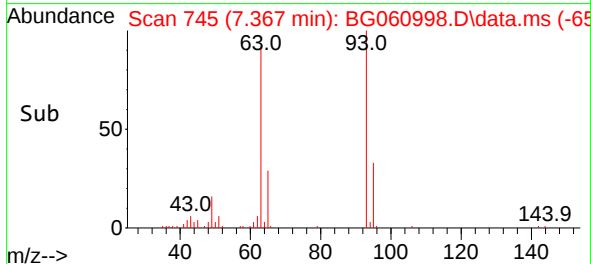
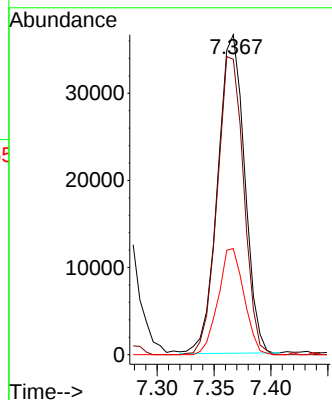
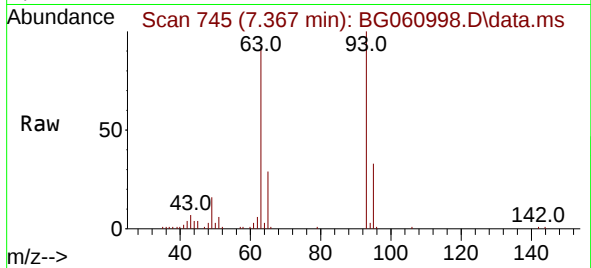
#11
bis(2-Chloroethyl)ether
Concen: 38.428 ng
RT: 7.367 min Scan# 744
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :
BNA_G
ClientSampleId :
SP-1CMS

Tgt Ion: 93 Resp: 6016
Ion Ratio Lower Upper
93 100
63 92.3 75.6 115.6
95 33.2 12.1 52.1

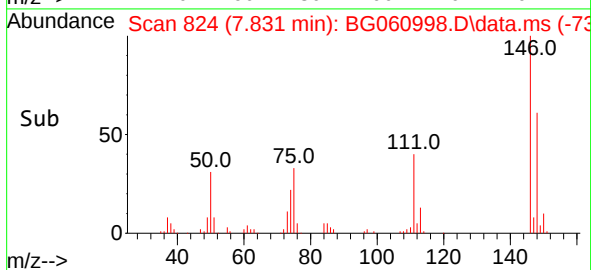
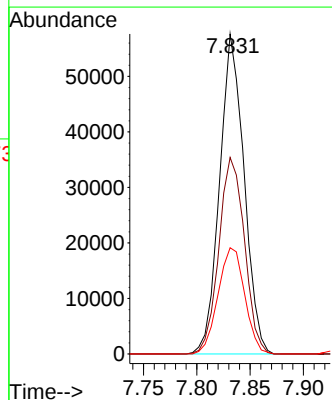
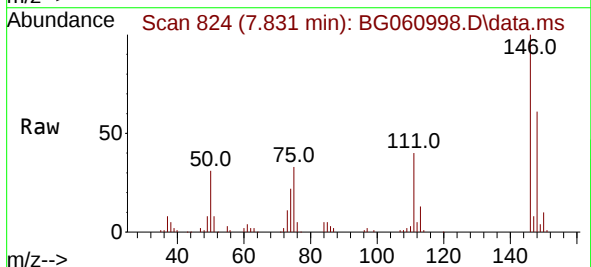
Manual Integrations
APPROVED

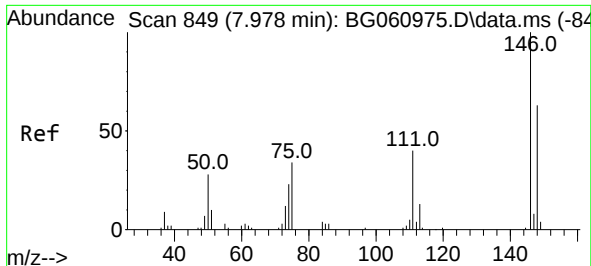
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#12
1,3-Dichlorobenzene
Concen: 44.746 ng
RT: 7.831 min Scan# 824
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:146 Resp: 91779
Ion Ratio Lower Upper
146 100
148 61.4 52.7 79.1
75 33.2 30.1 45.1





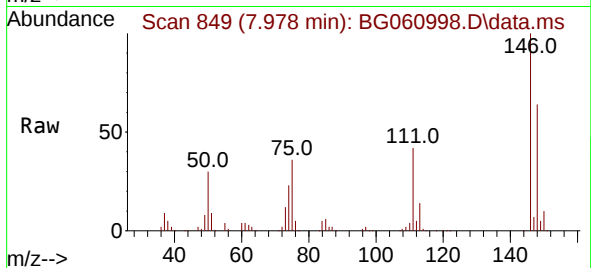
#13
1,4-Dichlorobenzene
Concen: 45.050 ng
RT: 7.978 min Scan# 849
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

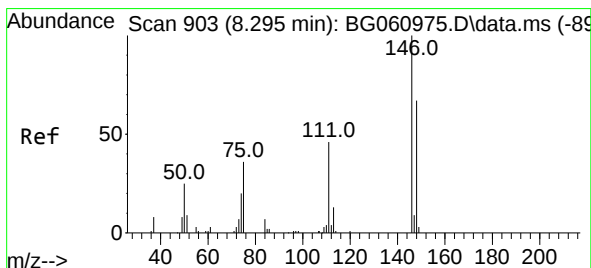
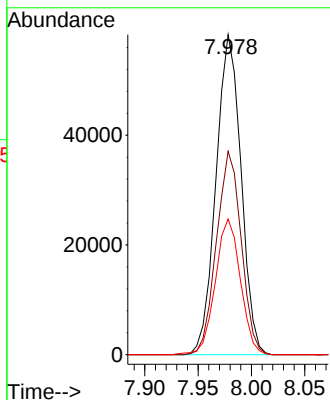
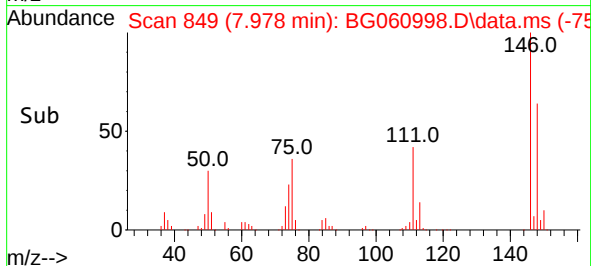


Tgt Ion:146 Resp: 9517
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 42.4 32.7 49.1

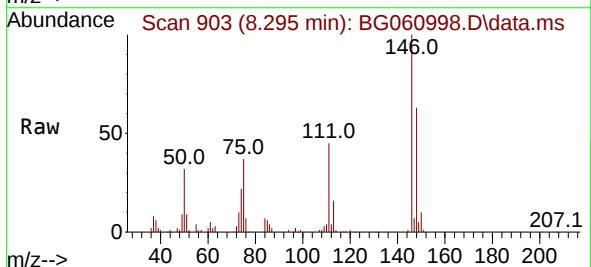
Manual Integrations

APPROVED

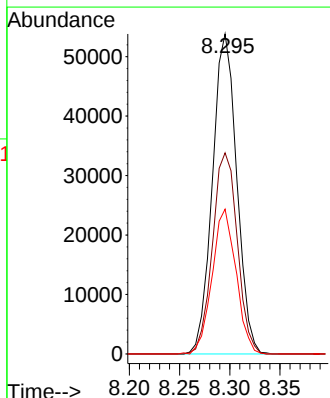
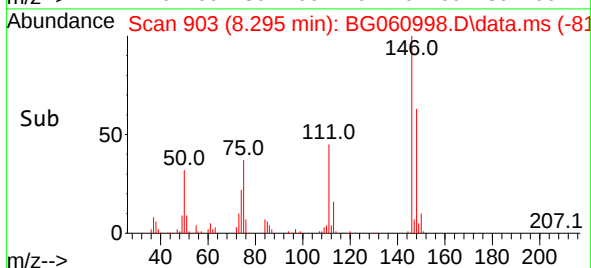
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

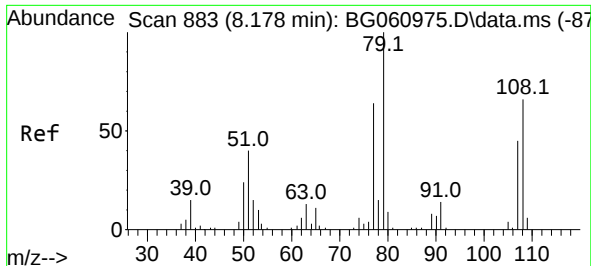


#14
1,2-Dichlorobenzene
Concen: 43.893 ng
RT: 8.295 min Scan# 903
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:146 Resp: 90628
Ion Ratio Lower Upper
146 100
148 62.8 53.8 80.8
111 45.2 38.2 57.2





#15
Benzyl Alcohol
Concen: 38.839 ng
RT: 8.178 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

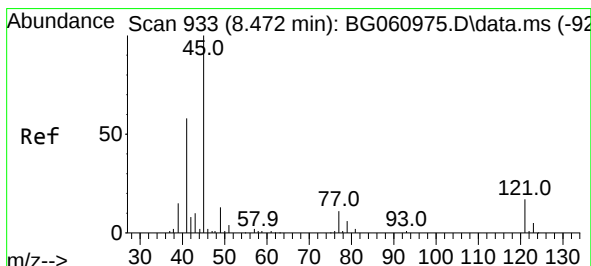
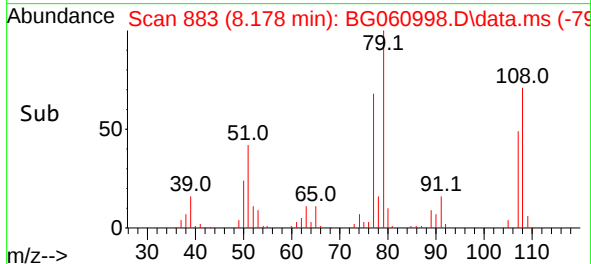
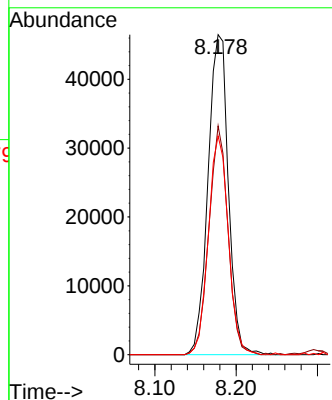
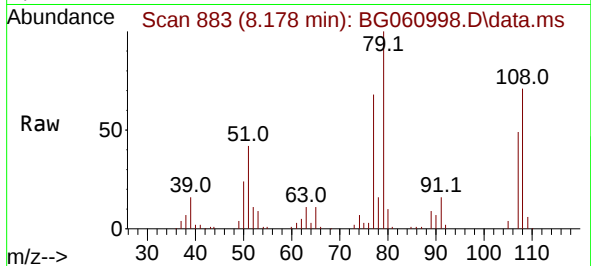
ClientSampleId :

SP-1CMS

Tgt Ion: 79 Resp: 80760
Ion Ratio Lower Upper
79 100
108 71.5 53.0 79.6
77 68.4 51.4 77.0

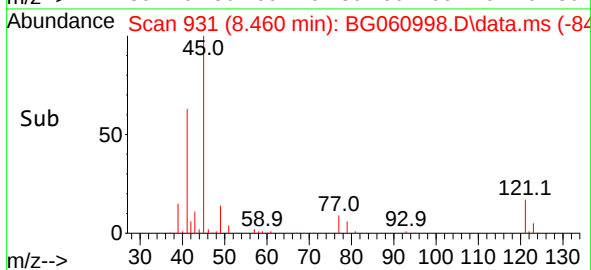
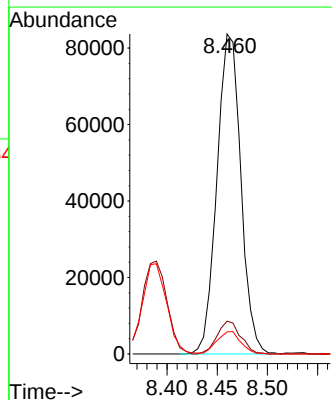
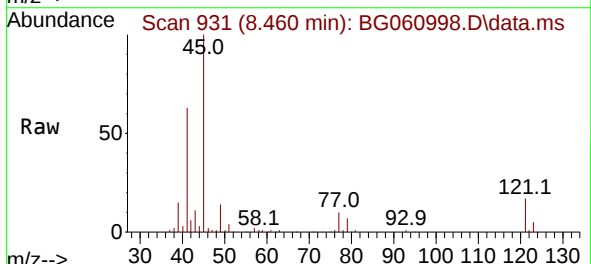
Manual Integrations
APPROVED

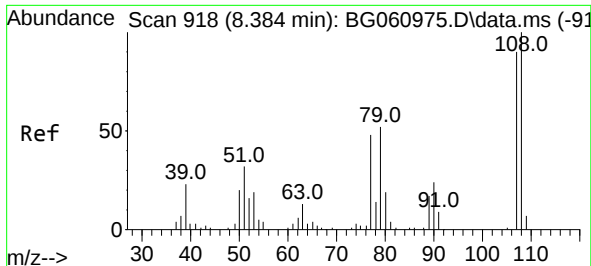
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.659 ng
RT: 8.460 min Scan# 931
Delta R.T. -0.012 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

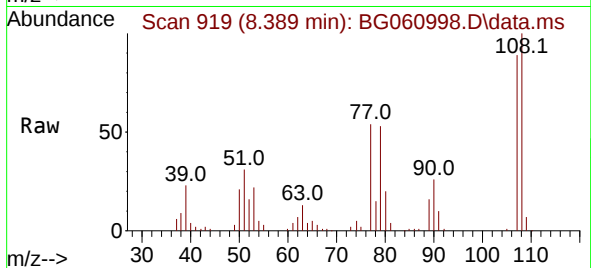
Tgt Ion: 45 Resp: 138567
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.6
79 6.9 0.0 26.6





#17
2-Methylphenol
Concen: 39.162 ng
RT: 8.389 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

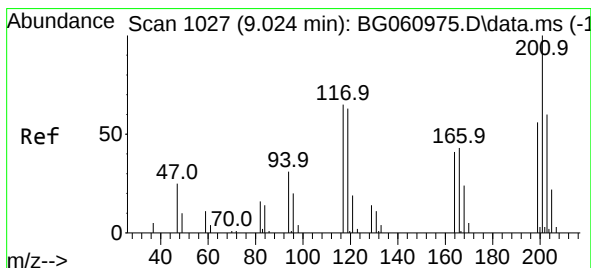
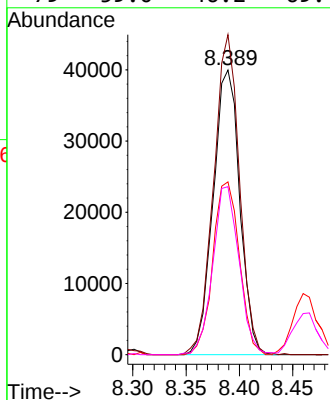
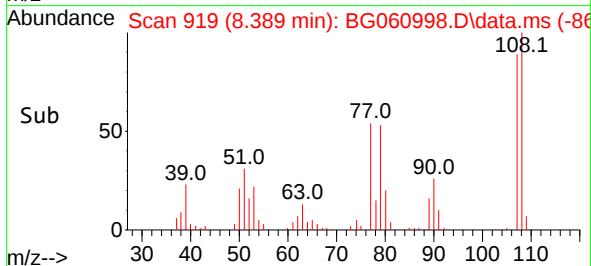
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion:107 Resp: 69194
Ion Ratio Lower Upper
107 100
108 112.4 89.2 133.8
77 60.7 43.0 64.6
79 59.0 46.2 69.4

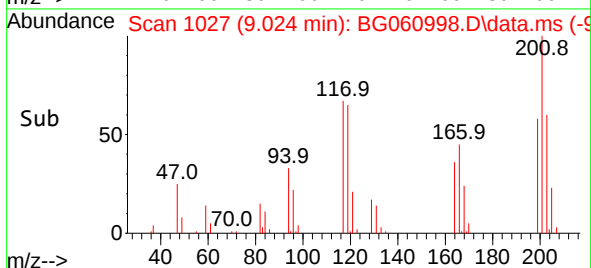
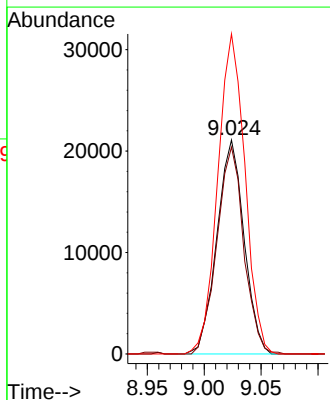
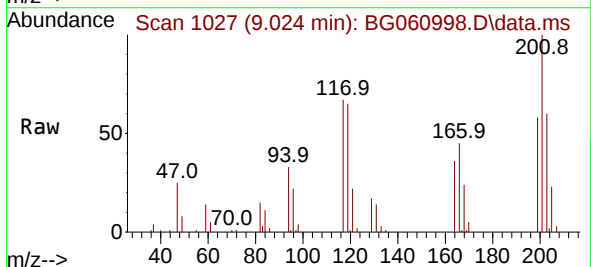
Manual Integrations
APPROVED

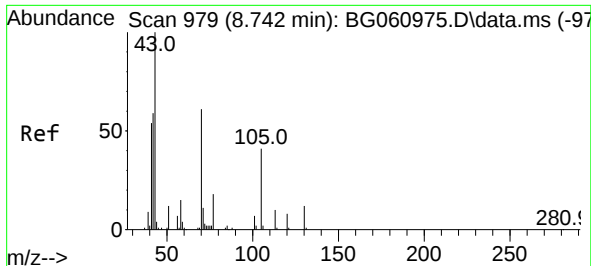
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#18
Hexachloroethane
Concen: 46.094 ng
RT: 9.024 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

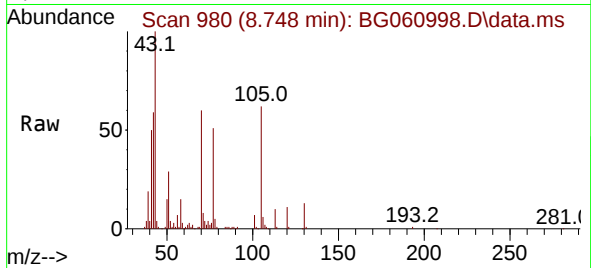
Tgt Ion:117 Resp: 35090
Ion Ratio Lower Upper
117 100
119 96.7 79.8 119.8
201 149.6 124.0 186.0





#19
n-Nitroso-di-n-propylamine
Concen: 37.040 ng
RT: 8.748 min Scan# 979
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

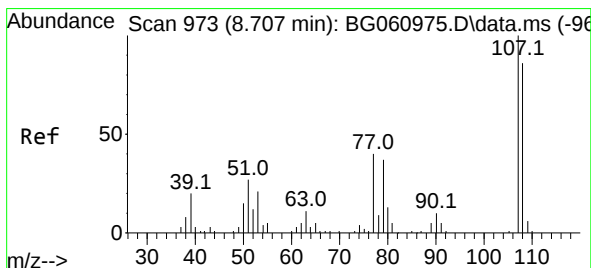
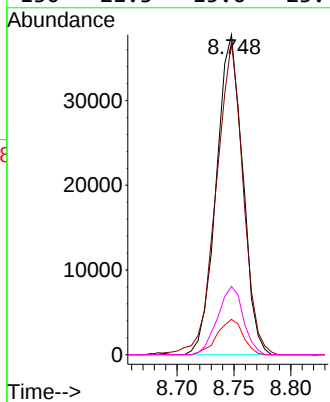
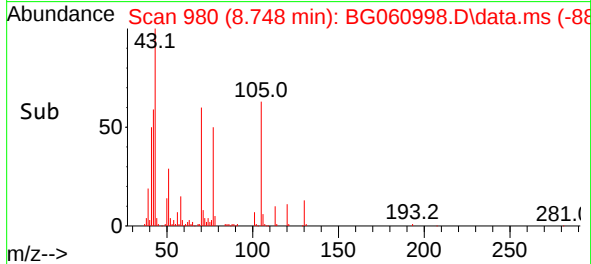
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion: 70 Resp: 60790
Ion Ratio Lower Upper
70 100
42 98.0 78.0 117.0
101 11.1 8.6 13.0
130 21.3 15.6 23.4

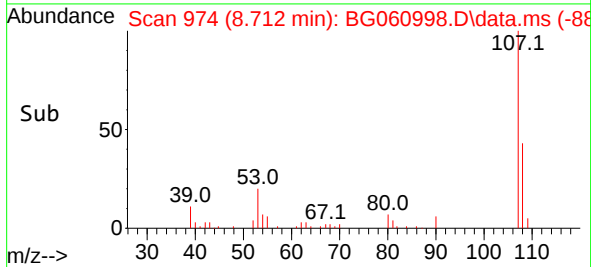
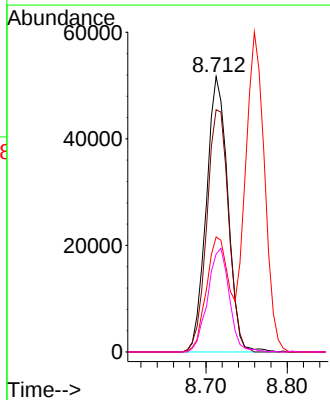
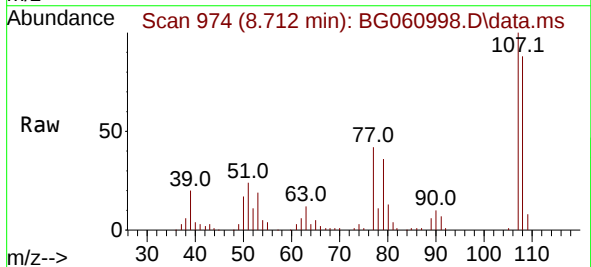
Manual Integrations
APPROVED

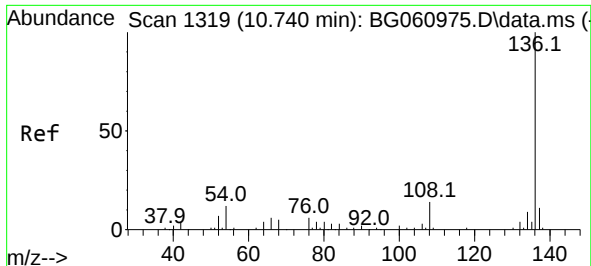
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#20
3+4-Methylphenols
Concen: 38.459 ng
RT: 8.712 min Scan# 974
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:107 Resp: 95033
Ion Ratio Lower Upper
107 100
108 87.9 66.5 106.5
77 41.8 19.9 59.9
79 35.6 16.9 56.9





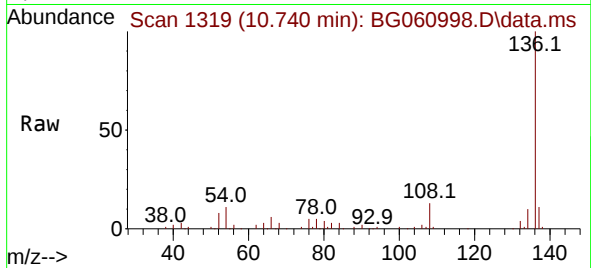
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

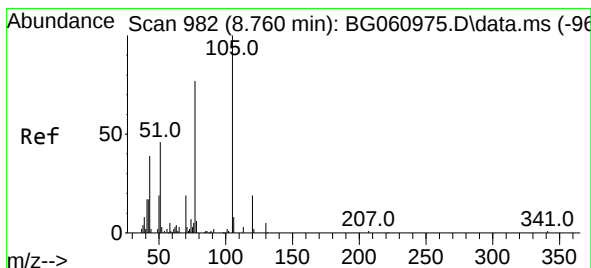
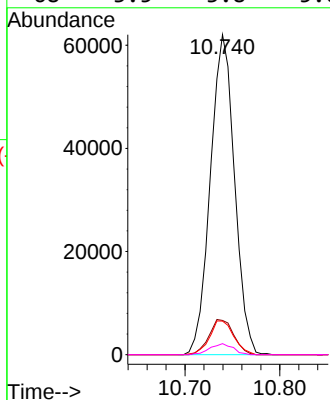
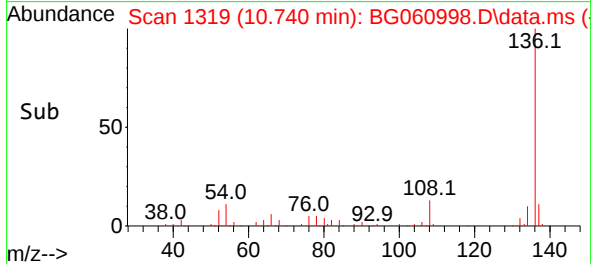


Tgt Ion:136 Resp: 109973
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.5 9.4 14.0
68 3.5 3.8 5.6#

Manual Integrations

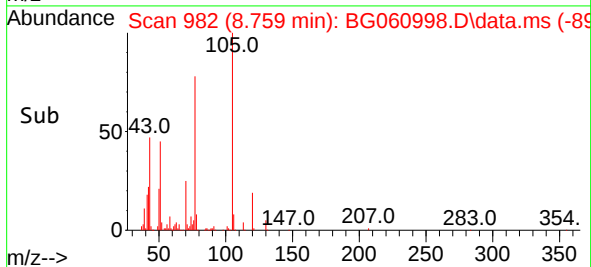
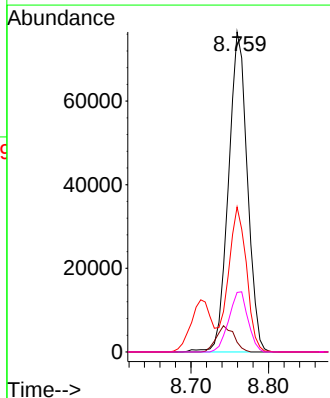
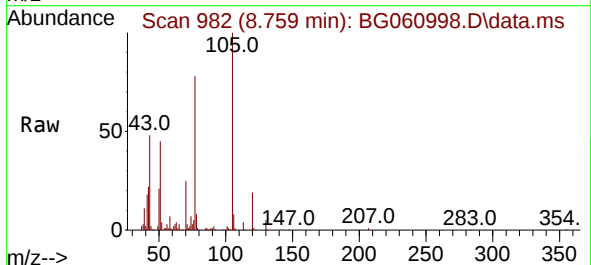
APPROVED

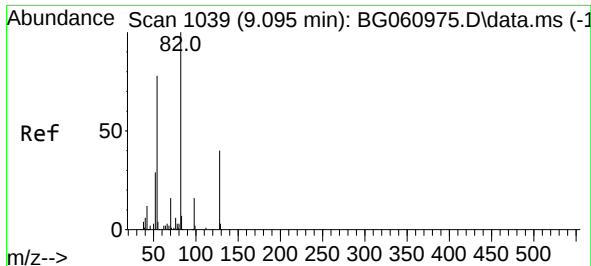
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#22
Acetophenone
Concen: 42.210 ng
RT: 8.759 min Scan# 982
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

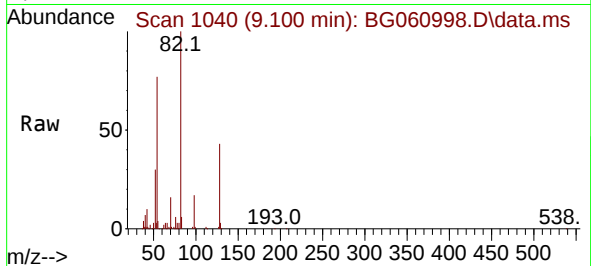
Tgt Ion:105 Resp: 129620
Ion Ratio Lower Upper
105 100
71 3.1 2.5 3.7
51 45.3 37.8 56.6
120 18.6 15.2 22.8





#23
Nitrobenzene-d5
Concen: 58.291 ng
RT: 9.100 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

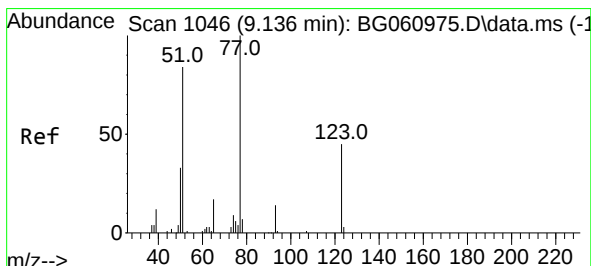
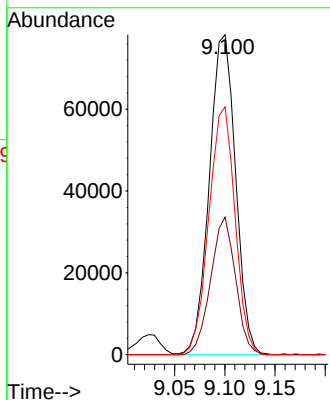
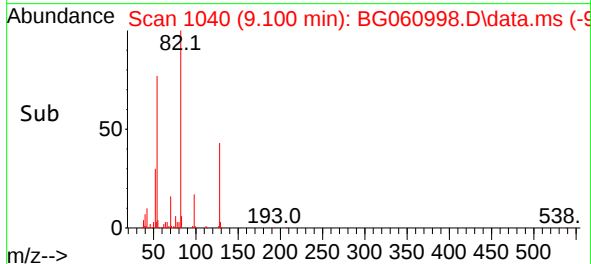
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion: 82 Resp: 142679
Ion Ratio Lower Upper
82 100
128 43.0 32.1 48.1
54 77.4 62.3 93.5

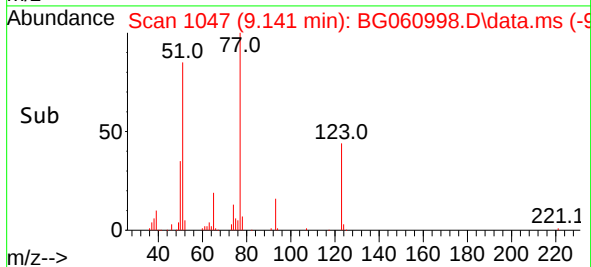
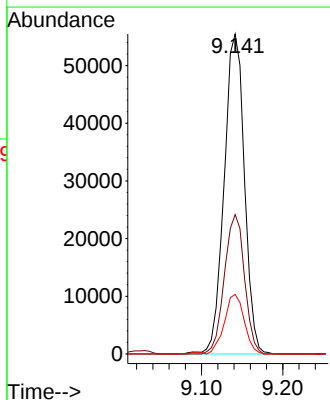
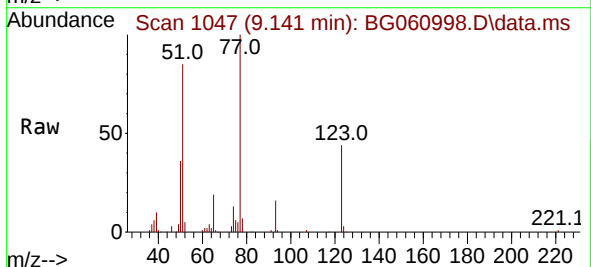
Manual Integrations
APPROVED

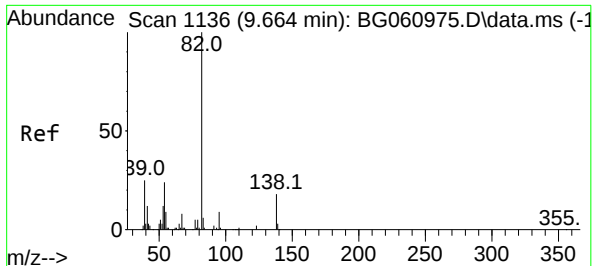
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#24
Nitrobenzene
Concen: 40.970 ng
RT: 9.141 min Scan# 1047
Delta R.T. 0.005 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

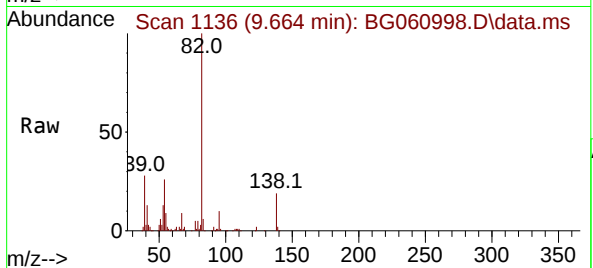
Tgt Ion: 77 Resp: 96362
Ion Ratio Lower Upper
77 100
123 43.5 35.9 53.9
65 18.6 13.3 19.9





#25
Isophorone
Concen: 40.508 ng
RT: 9.664 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

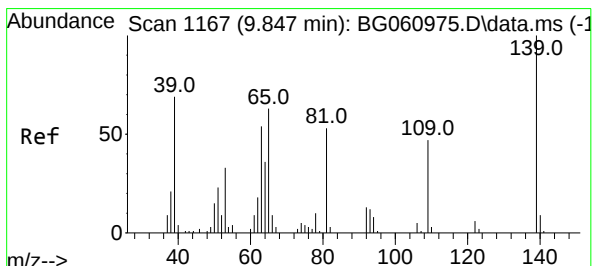
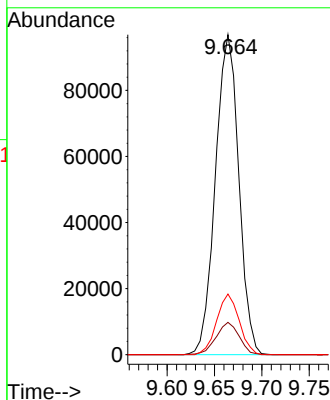
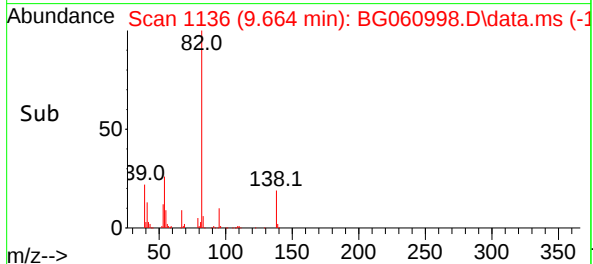
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



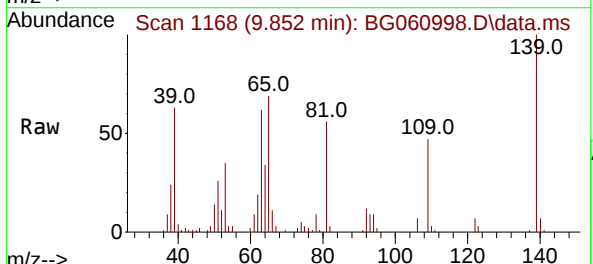
Tgt Ion: 82 Resp: 165933
Ion Ratio Lower Upper
82 100
95 10.1 7.6 11.4
138 18.9 14.2 21.2

Manual Integrations
APPROVED

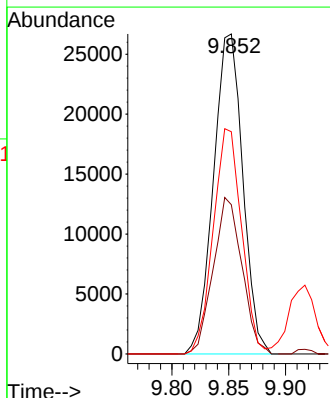
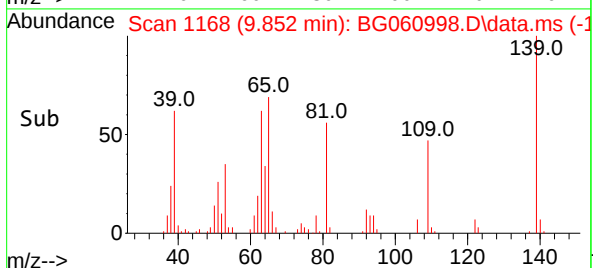
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

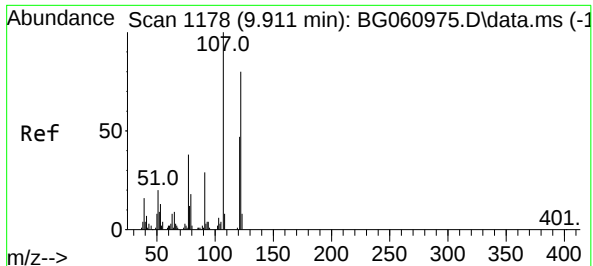


#26
2-Nitrophenol
Concen: 43.271 ng
RT: 9.852 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:139 Resp: 47833
Ion Ratio Lower Upper
139 100
109 46.6 37.4 56.2
65 69.5 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 34.751 ng

RT: 9.917 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

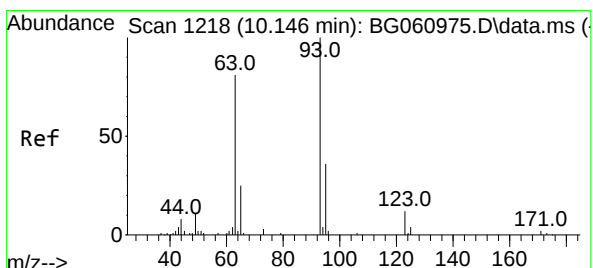
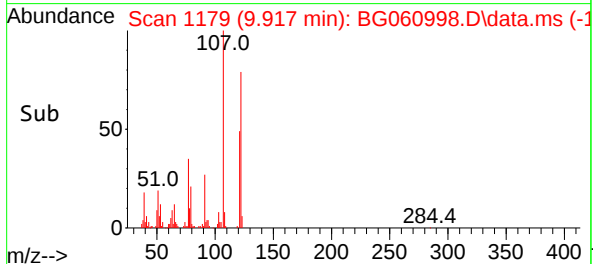
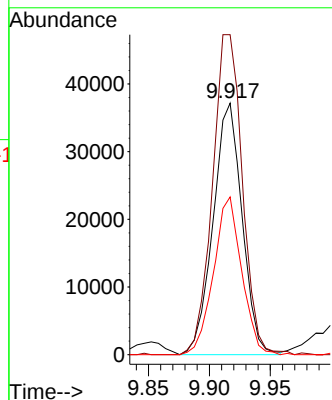
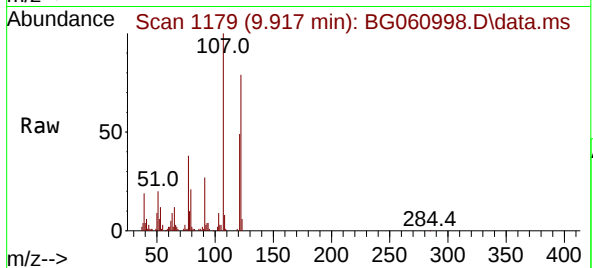
Tgt Ion:122 Resp: 61572
 Ion Ratio Lower Upper
 122 100
 107 127.2 98.7 148.1
 121 62.7 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.590 ng

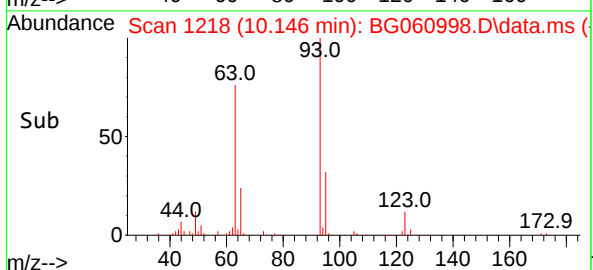
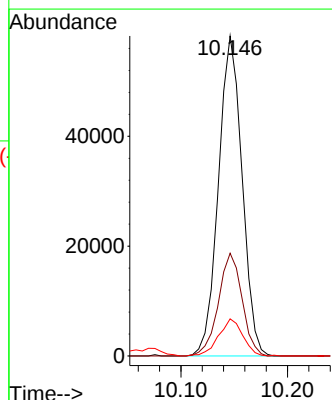
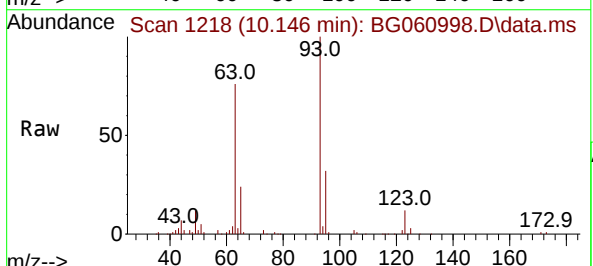
RT: 10.146 min Scan# 1218

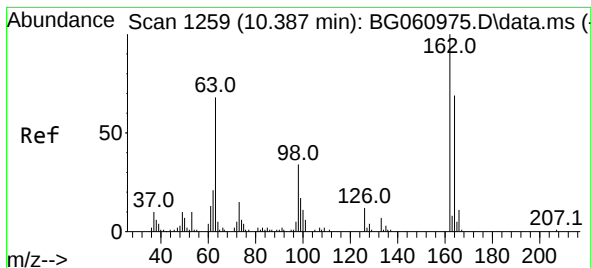
Delta R.T. -0.000 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

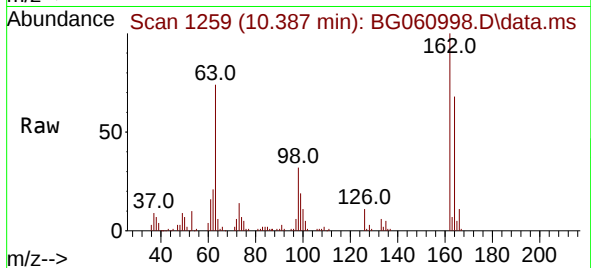
Tgt Ion: 93 Resp: 89622
 Ion Ratio Lower Upper
 93 100
 95 32.1 28.8 43.2
 123 11.6 9.8 14.6





#29
2,4-Dichlorophenol
Concen: 43.859 ng
RT: 10.387 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

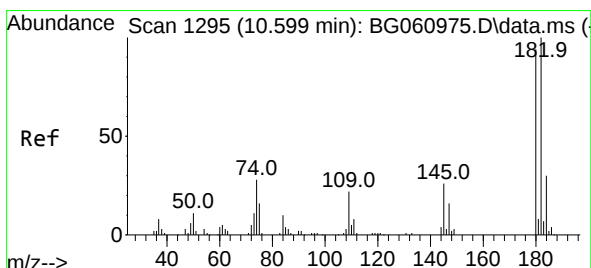
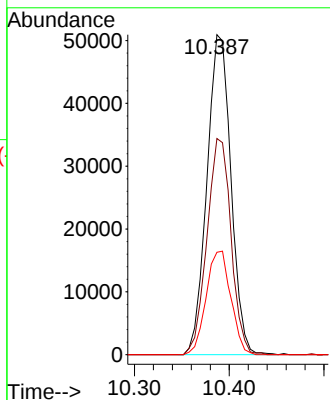
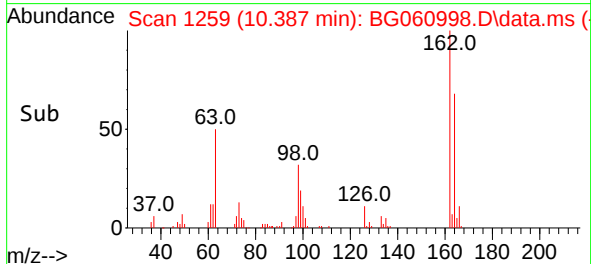
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion:162 Resp: 89690
Ion Ratio Lower Upper
162 100
164 67.6 49.0 89.0
98 32.0 14.3 54.3

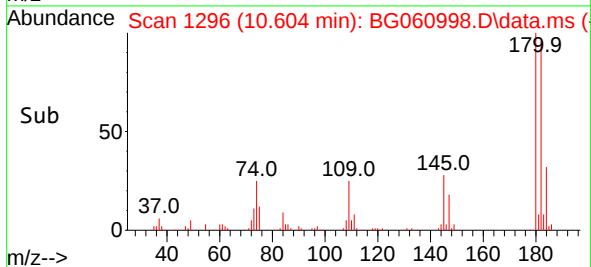
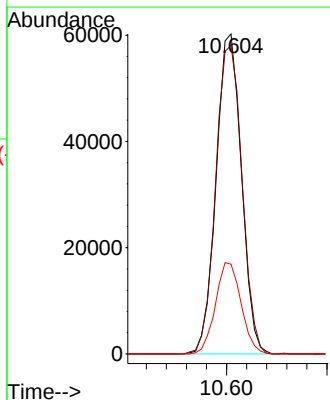
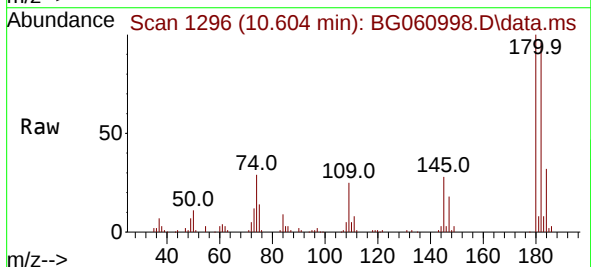
Manual Integrations
APPROVED

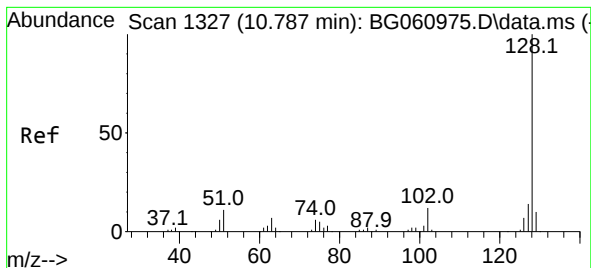
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.617 ng
RT: 10.604 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

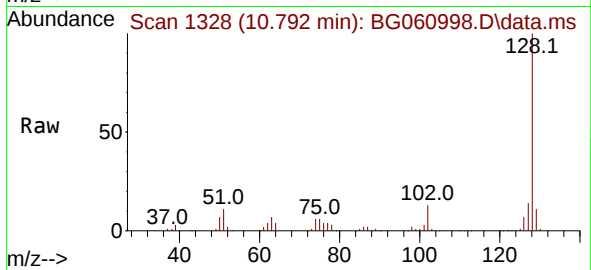
Tgt Ion:180 Resp: 105181
Ion Ratio Lower Upper
180 100
182 96.4 85.4 128.2
145 28.1 22.6 33.8





#31
Naphthalene
Concen: 78.627 ng
RT: 10.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

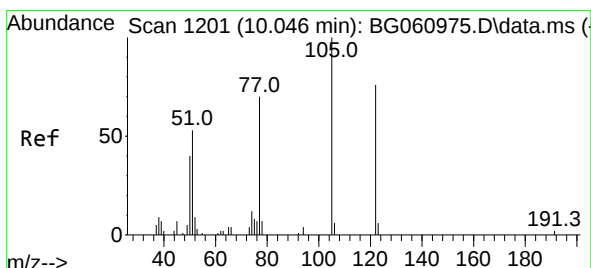
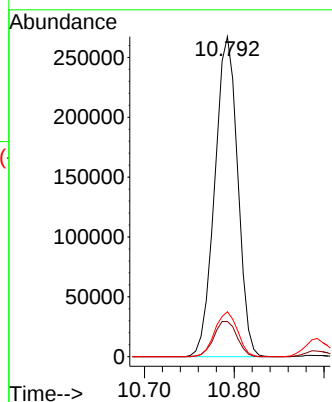
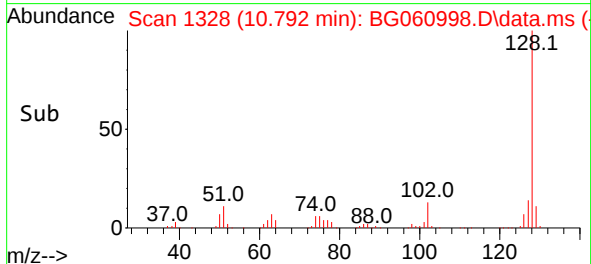
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



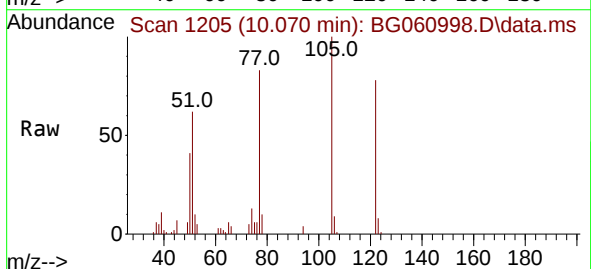
Tgt Ion:128 Resp: 47339
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.4
127 14.1 11.4 17.2

Manual Integrations
APPROVED

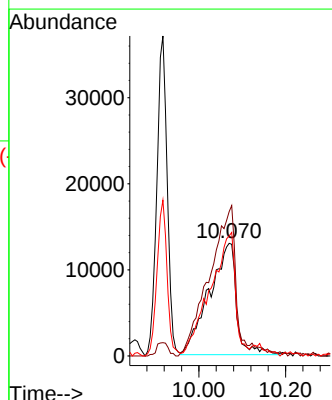
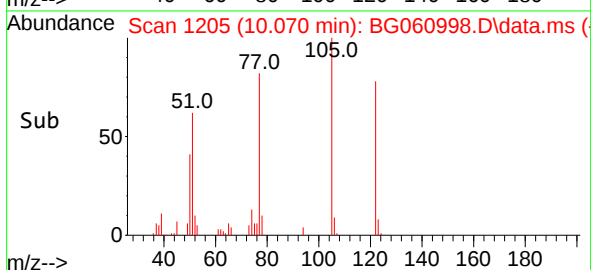
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

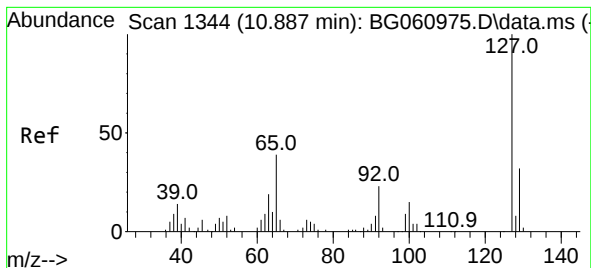


#32
Benzoic acid
Concen: 42.074 ng m
RT: 10.070 min Scan# 1205
Delta R.T. 0.023 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



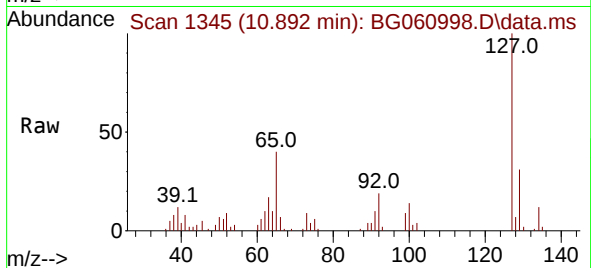
Tgt Ion:122 Resp: 56800
Ion Ratio Lower Upper
122 100
105 128.1 106.2 146.2
77 106.5 70.1 110.1





#33
4-Chloroaniline
Concen: 10.313 ng
RT: 10.892 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

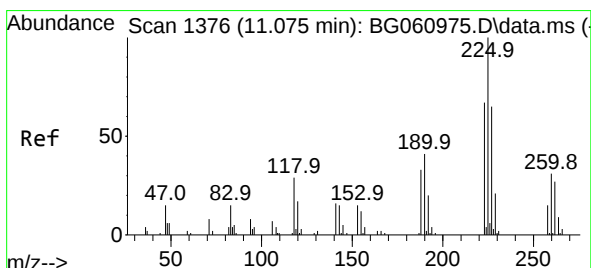
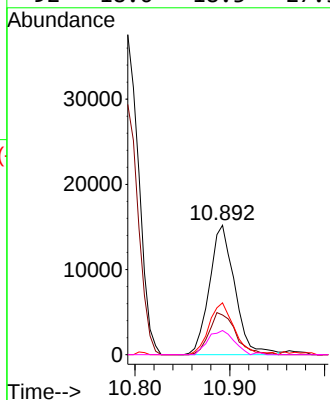
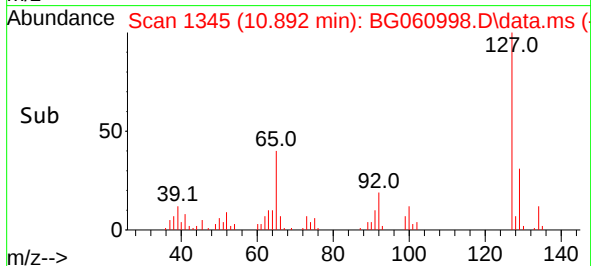
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



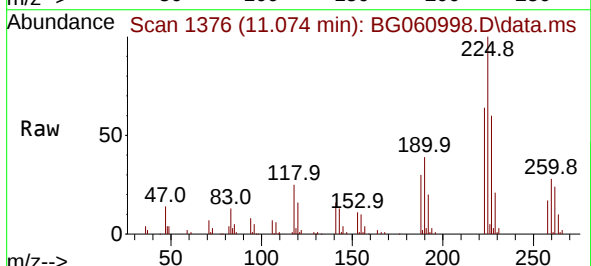
Tgt Ion:127 Resp: 28200
Ion Ratio Lower Upper
127 100
129 30.6 25.7 38.5
65 40.1 31.4 47.0
92 18.6 18.3 27.5

Manual Integrations
APPROVED

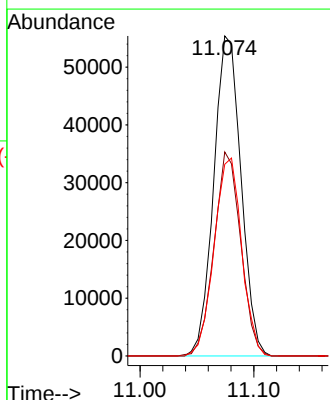
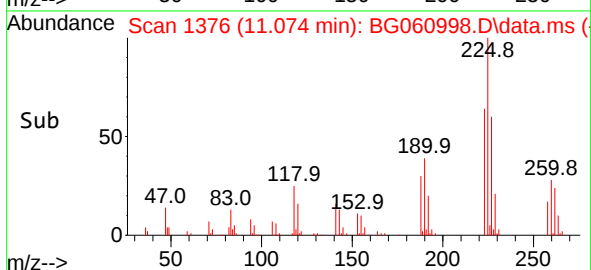
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

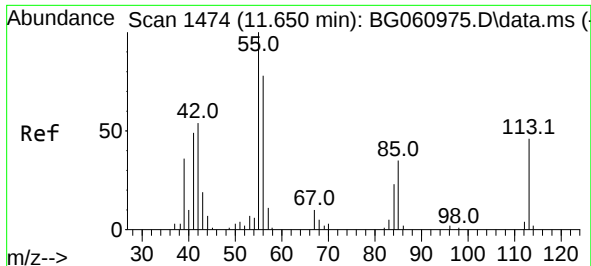


#34
Hexachlorobutadiene
Concen: 46.605 ng
RT: 11.074 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



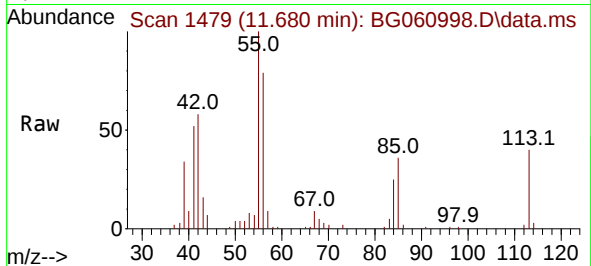
Tgt Ion:225 Resp: 92477
Ion Ratio Lower Upper
225 100
223 63.7 53.2 79.8
227 59.9 51.9 77.9





#35
Caprolactam
Concen: 35.737 ng m
RT: 11.680 min Scan# 1474
Delta R.T. 0.029 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

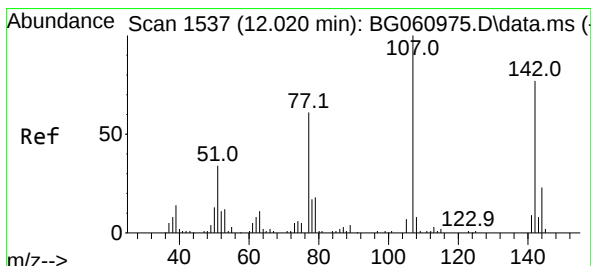
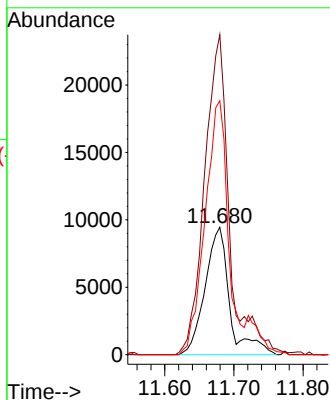
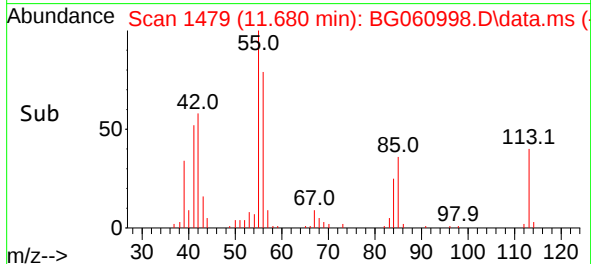
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion:113 Resp: 2327
Ion Ratio Lower Upper
113 100
55 251.3 197.9 237.9
56 199.5 151.1 191.1

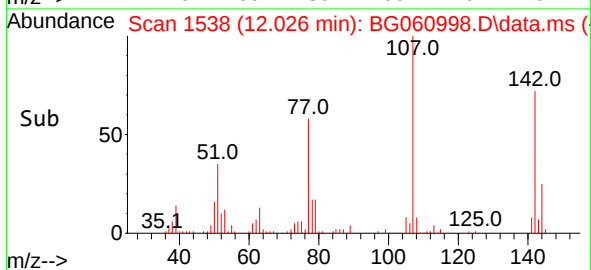
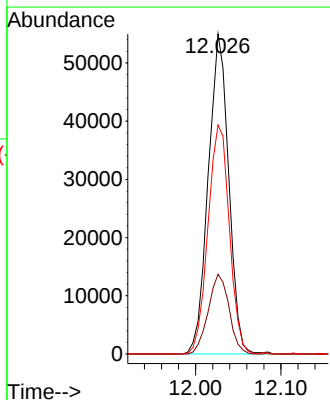
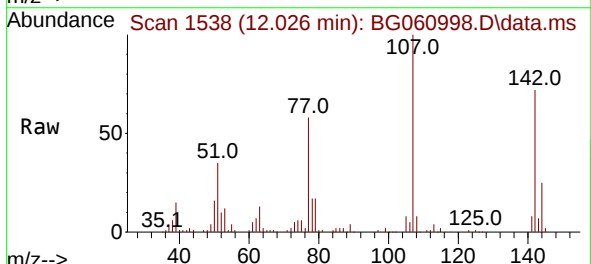
Manual Integrations
APPROVED

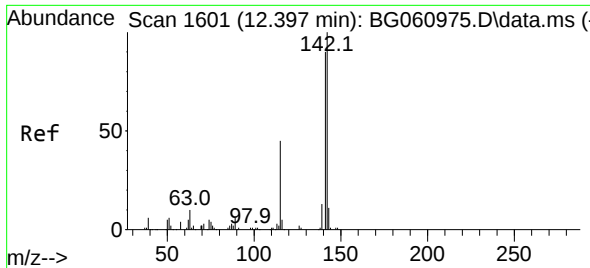
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#36
4-Chloro-3-methylphenol
Concen: 38.443 ng
RT: 12.026 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

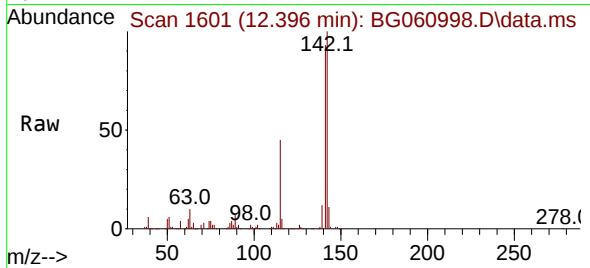
Tgt Ion:107 Resp: 91687
Ion Ratio Lower Upper
107 100
144 24.9 18.5 27.7
142 71.5 61.4 92.0





#37
2-Methylnaphthalene
Concen: 50.902 ng
RT: 12.396 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

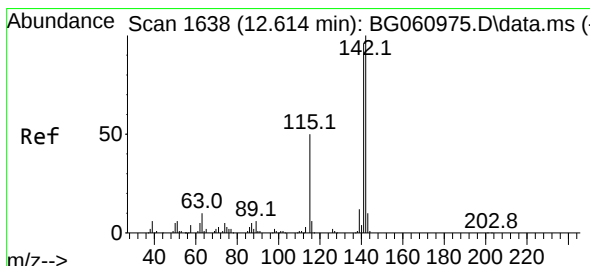
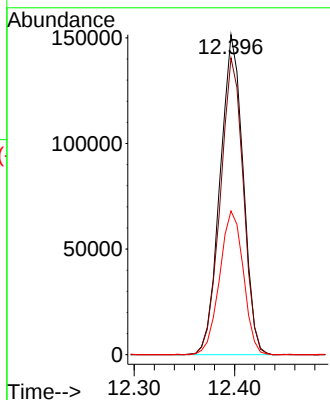
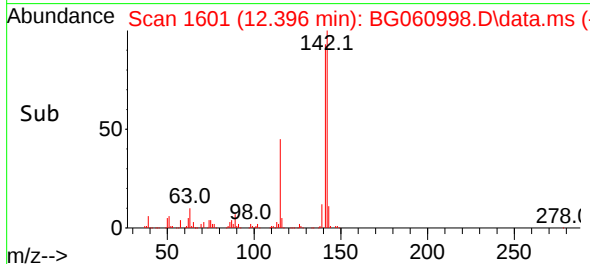
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



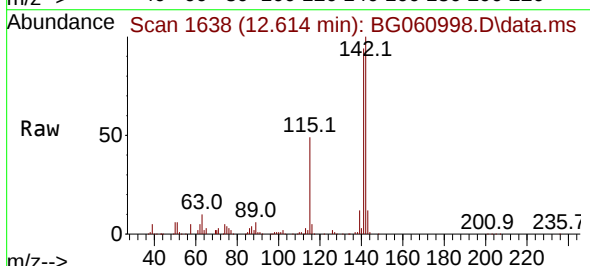
Tgt Ion:142 Resp: 24096
Ion Ratio Lower Upper
142 100
141 92.7 72.2 108.4
115 44.9 35.9 53.9

Manual Integrations
APPROVED

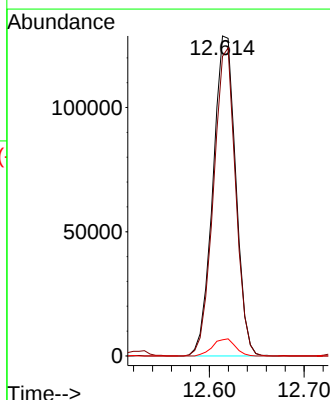
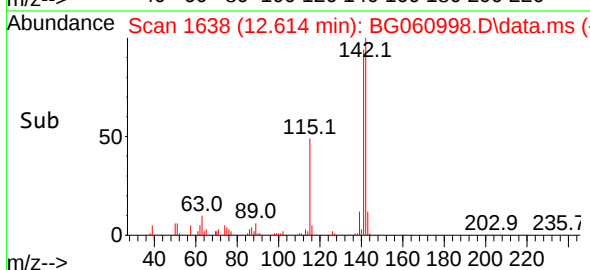
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

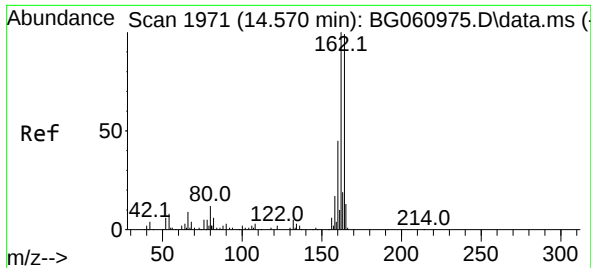


#38
1-Methylnaphthalene
Concen: 48.721 ng
RT: 12.614 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:142 Resp: 215227
Ion Ratio Lower Upper
142 100
141 93.6 76.8 115.2
116 5.1 4.4 6.6





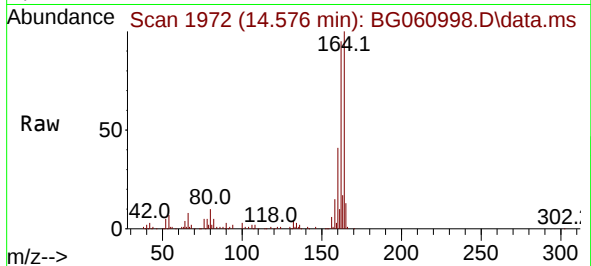
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS



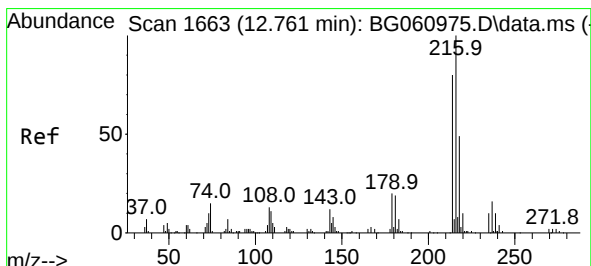
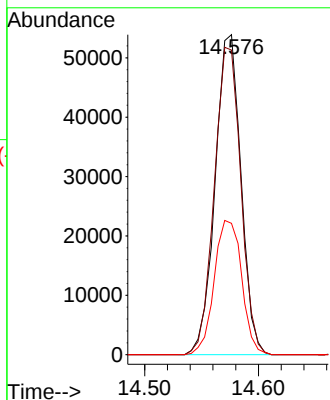
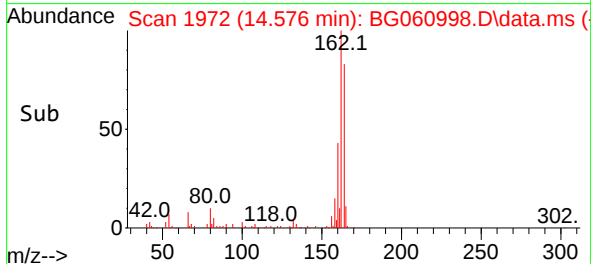
Tgt Ion:164 Resp: 85014
Ion Ratio Lower Upper
164 100
162 95.2 81.2 121.8
160 41.1 36.2 54.2

Manual Integrations

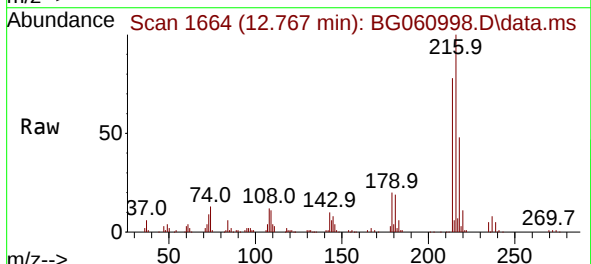
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

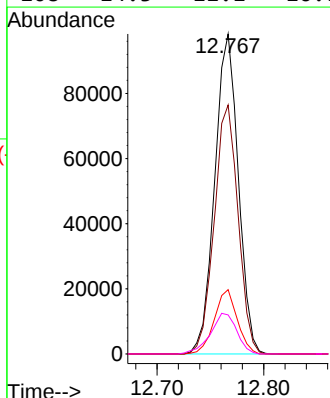
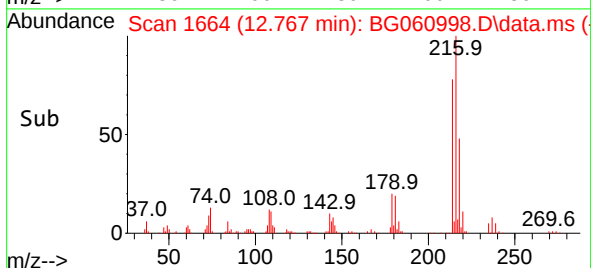
Supervised By :mohammad ahmed 04/24/2024

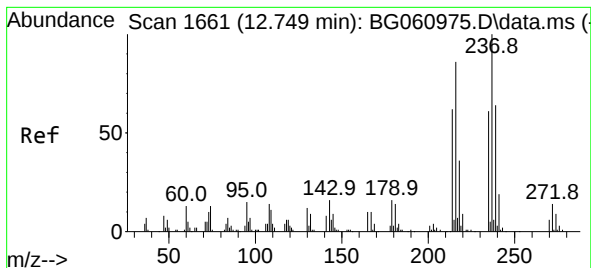


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.753 ng
RT: 12.767 min Scan# 1664
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



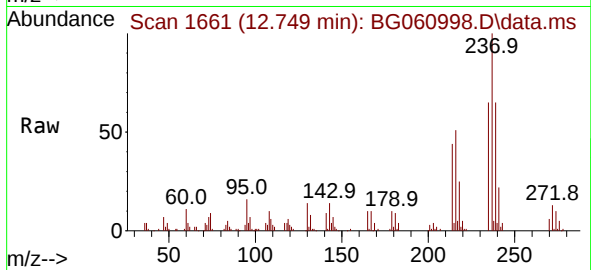
Tgt Ion:216 Resp: 150313
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 19.6 15.2 22.8
108 14.3 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 48.675 ng
RT: 12.749 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

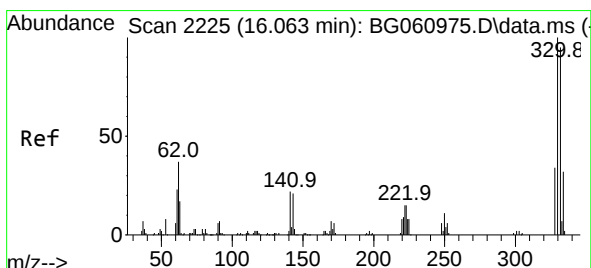
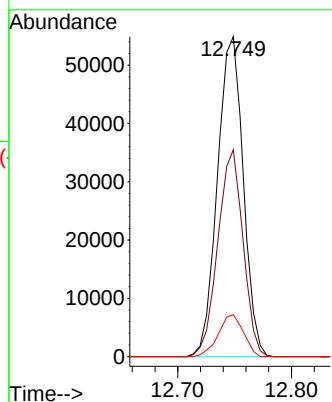
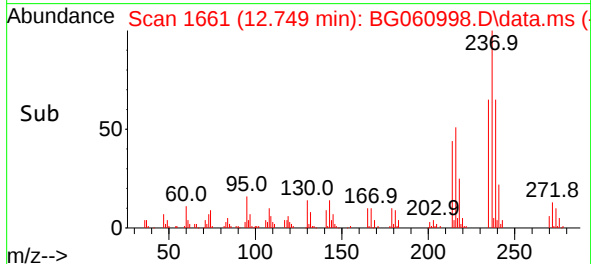
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



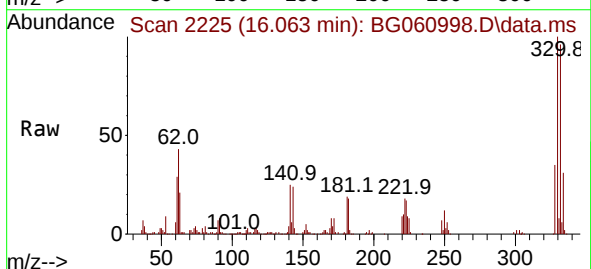
Tgt Ion:237 Resp: 86528
Ion Ratio Lower Upper
237 100
235 64.6 40.7 80.7
272 13.2 0.0 34.5

Manual Integrations
APPROVED

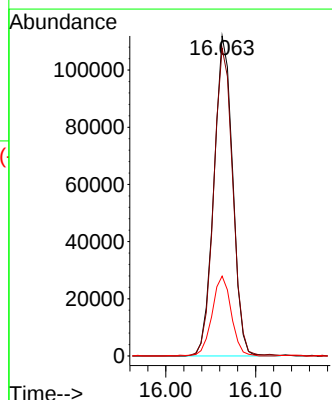
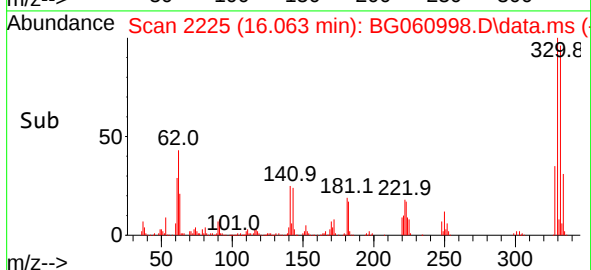
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

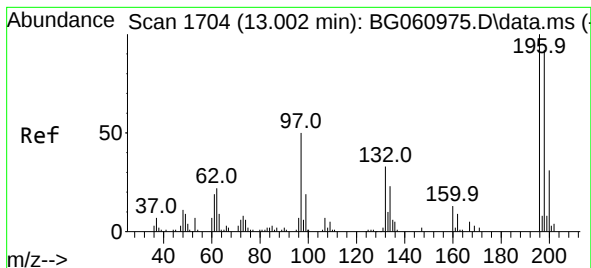


#42
2,4,6-Tribromophenol
Concen: 86.957 ng
RT: 16.063 min Scan# 2225
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:330 Resp: 162336
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 25.6 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 45.776 ng

RT: 13.007 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

Tgt Ion:196 Resp: 90910

Ion Ratio Lower Upper

196 100

198 100.0 73.5 110.3

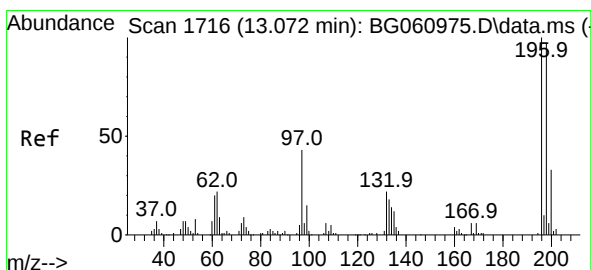
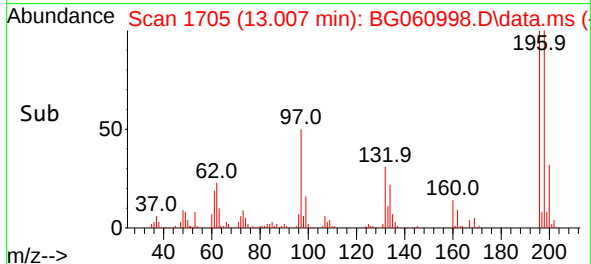
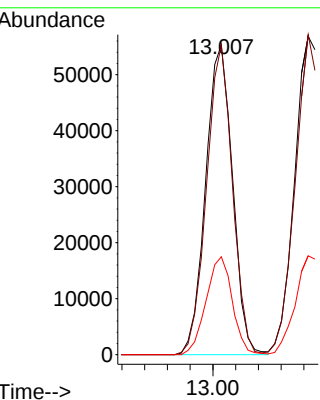
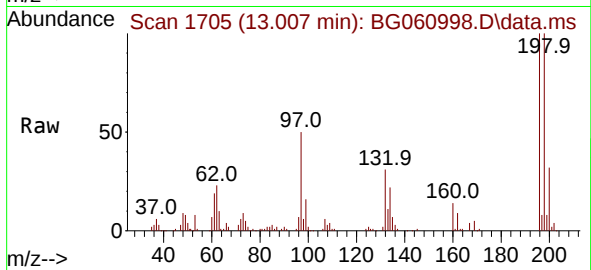
200 31.6 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#44

2,4,5-Trichlorophenol

Concen: 41.477 ng

RT: 13.084 min Scan# 1718

Delta R.T. 0.012 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Tgt Ion:196 Resp: 97437

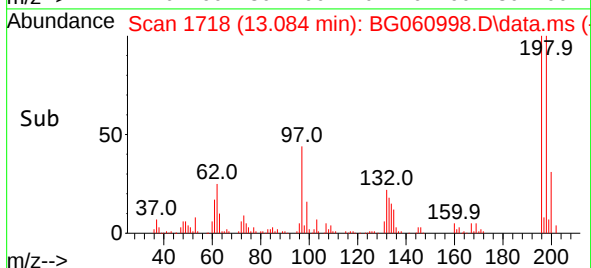
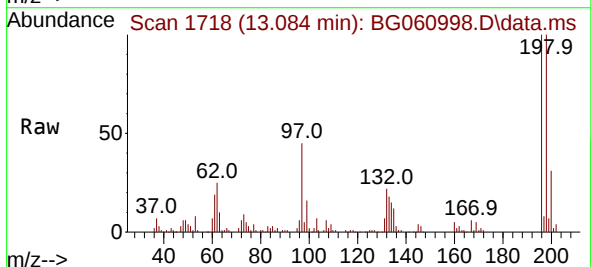
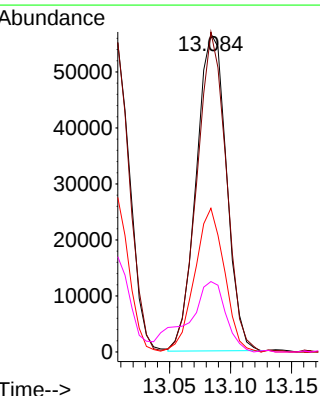
Ion Ratio Lower Upper

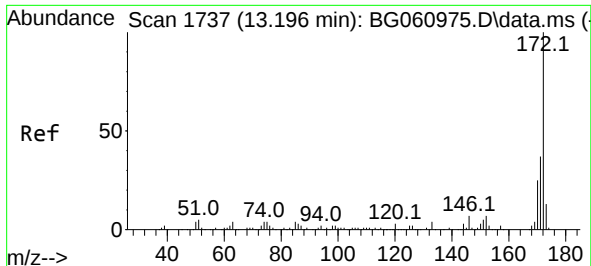
196 100

198 100.5 77.7 116.5

97 45.1 34.2 51.4

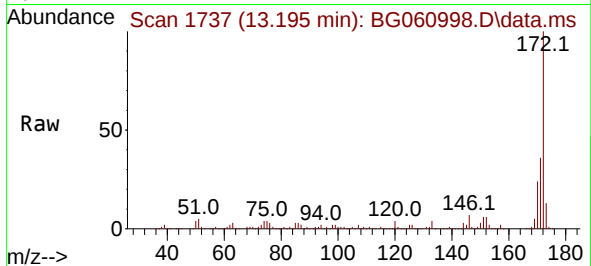
132 22.1 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 61.778 ng
RT: 13.195 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

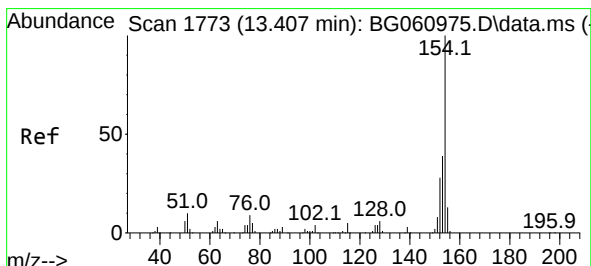
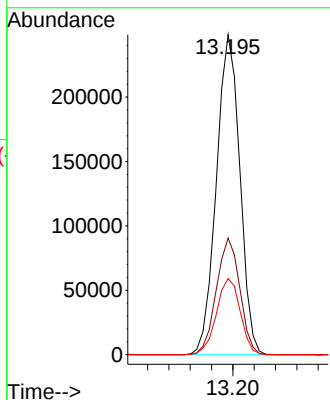
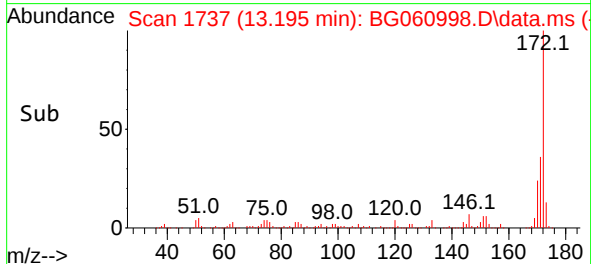
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion:172 Resp: 379470
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 23.8 20.1 30.1

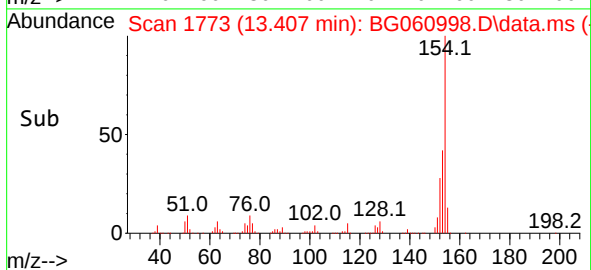
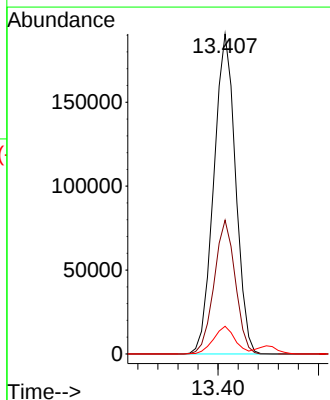
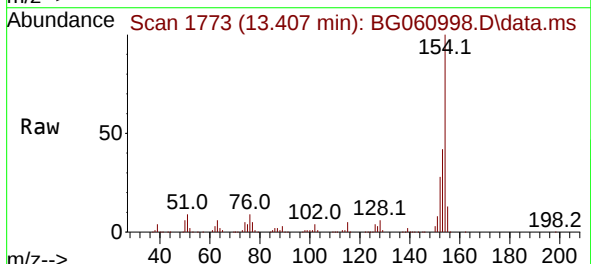
Manual Integrations
APPROVED

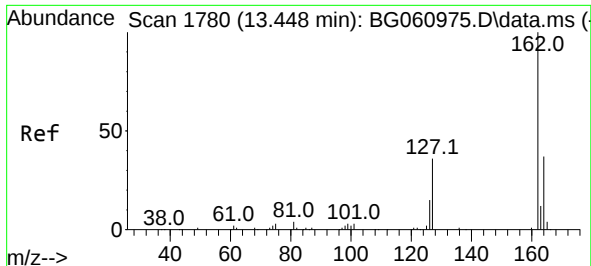
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#46
1,1'-Biphenyl
Concen: 50.031 ng
RT: 13.407 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:154 Resp: 286499
Ion Ratio Lower Upper
154 100
153 41.8 19.4 59.4
76 8.6 0.0 28.6





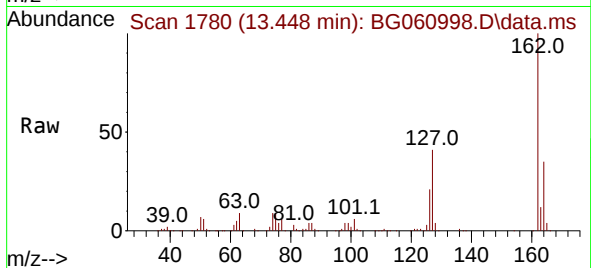
#47
2-Chloronaphthalene
Concen: 47.476 ng
RT: 13.448 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS



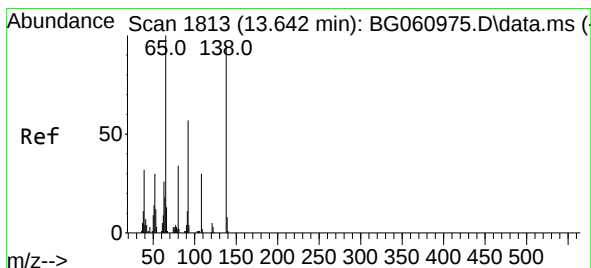
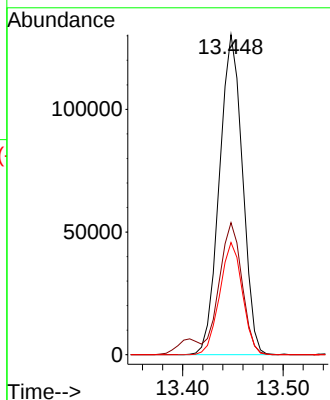
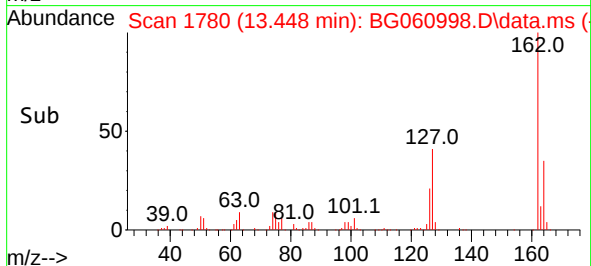
Tgt Ion:162 Resp: 208449
Ion Ratio Lower Upper
162 100
127 41.2 32.6 49.0
164 35.1 29.9 44.9

Manual Integrations

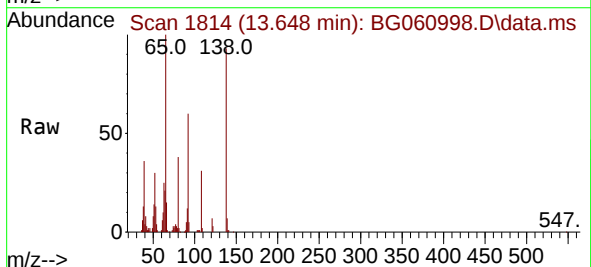
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

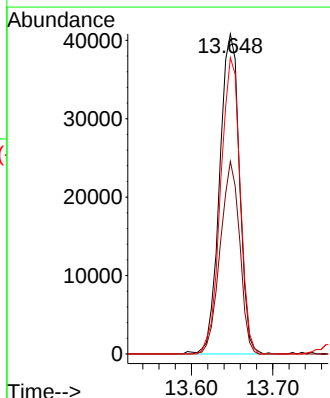
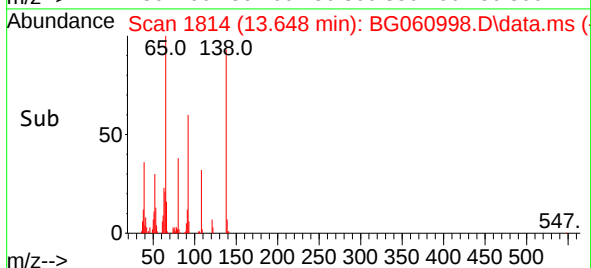
Supervised By :mohammad ahmed 04/24/2024

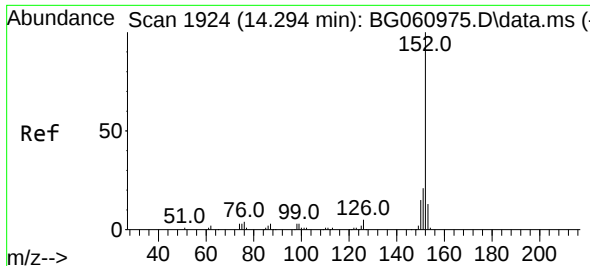


#48
2-Nitroaniline
Concen: 39.134 ng
RT: 13.648 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



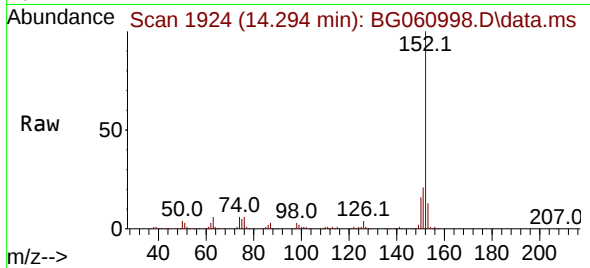
Tgt Ion: 65 Resp: 69346
Ion Ratio Lower Upper
65 100
92 60.2 45.4 68.2
138 92.6 75.8 113.6





#49
Acenaphthylene
Concen: 46.355 ng
RT: 14.294 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

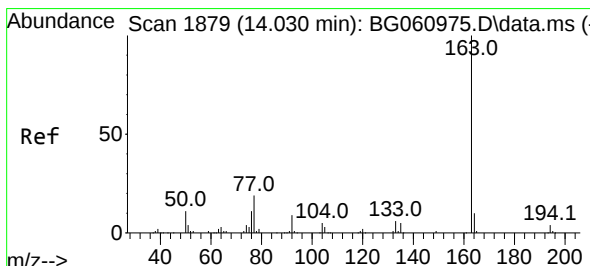
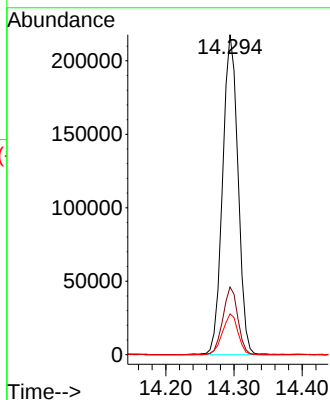
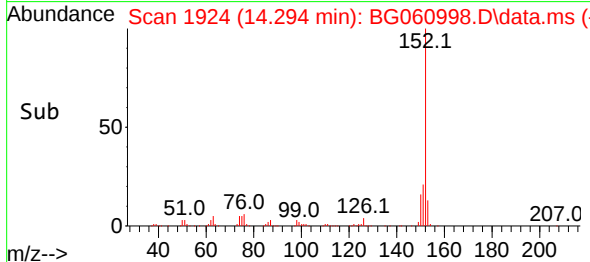
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



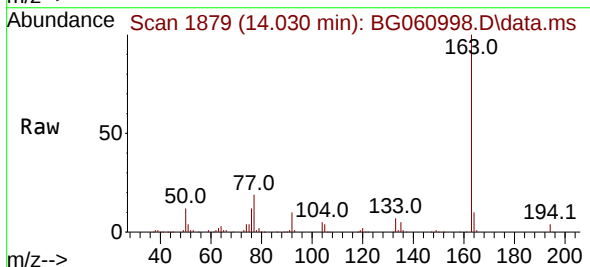
Tgt Ion:152 Resp: 342779
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0
153 12.8 10.7 16.1

Manual Integrations
APPROVED

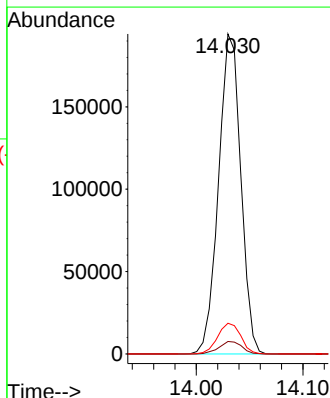
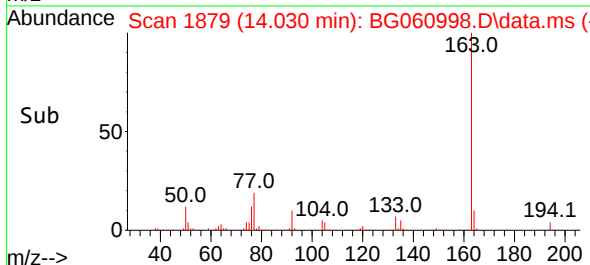
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

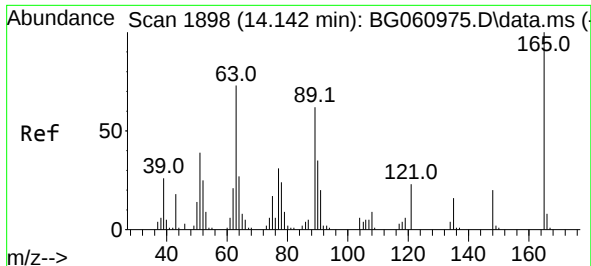


#50
Dimethylphthalate
Concen: 40.093 ng
RT: 14.030 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:163 Resp: 281069
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.6 8.4 12.6





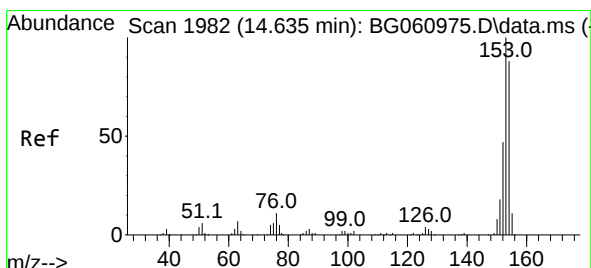
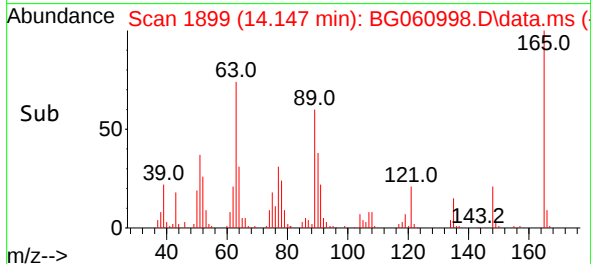
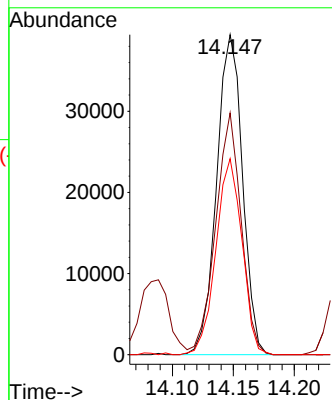
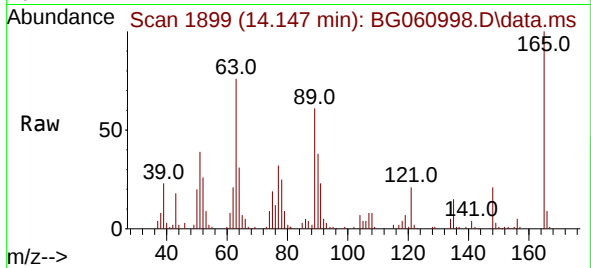
#51
2,6-Dinitrotoluene
Concen: 39.868 ng
RT: 14.147 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :
BNA_G
ClientSampleId :
SP-1CMS

Tgt Ion:165 Resp: 5831
Ion Ratio Lower Upper
165 100
63 75.6 59.6 89.4
89 61.3 49.4 74.0

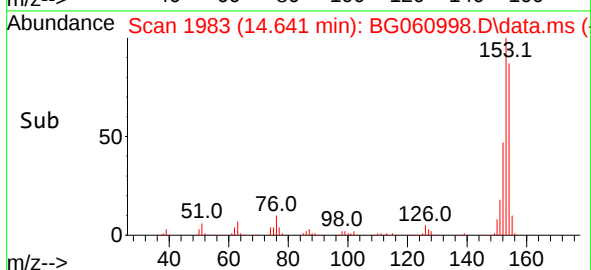
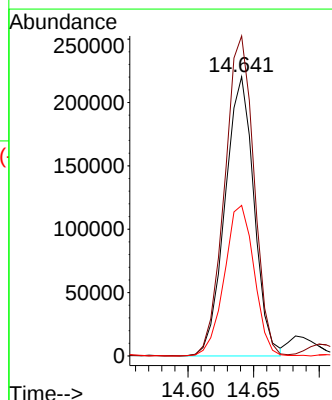
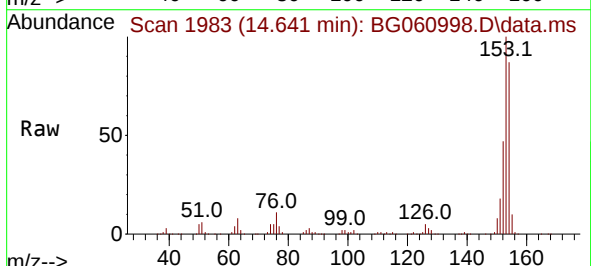
Manual Integrations
APPROVED

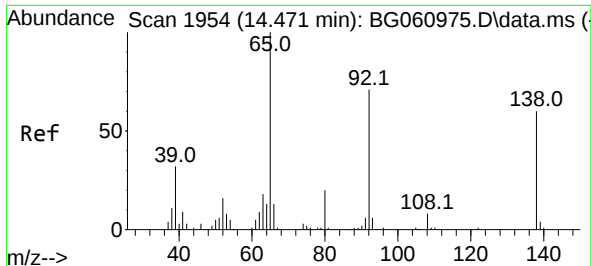
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#52
Acenaphthene
Concen: 75.310 ng
RT: 14.641 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:154 Resp: 338378
Ion Ratio Lower Upper
154 100
153 114.6 91.2 136.8
152 53.9 42.7 64.1





#53
3-Nitroaniline
Concen: 24.000 ng
RT: 14.470 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

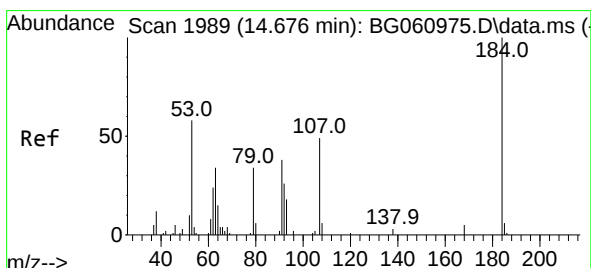
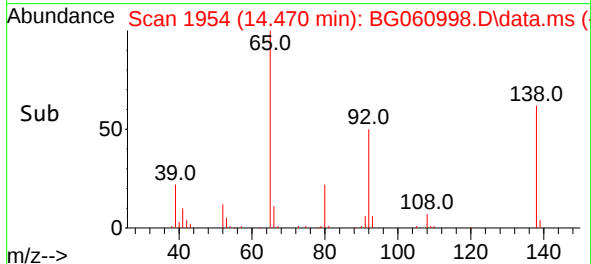
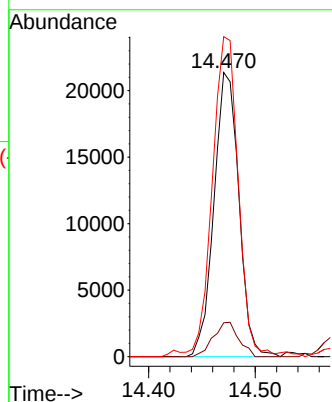
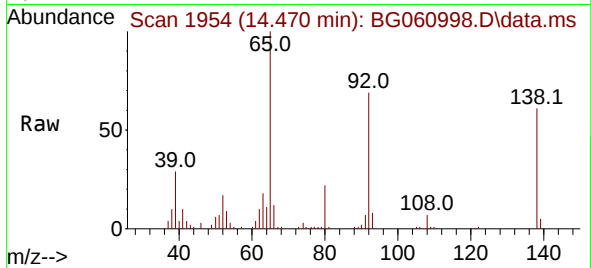
SP-1CMS

Tgt Ion:138 Resp: 34610
Ion Ratio Lower Upper
138 100
108 11.9 10.1 15.1
92 112.6 94.6 141.8

Manual Integrations

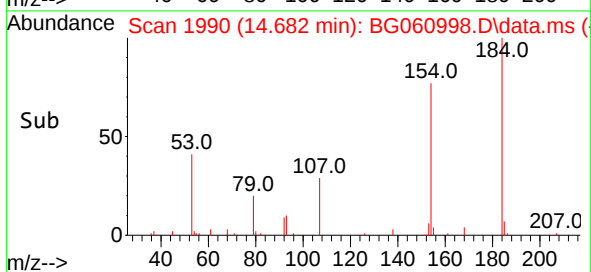
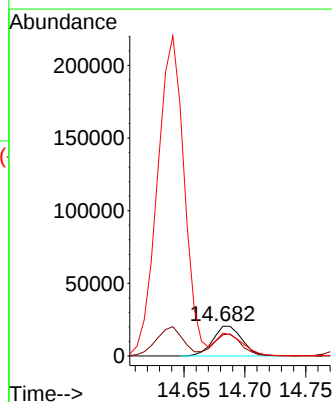
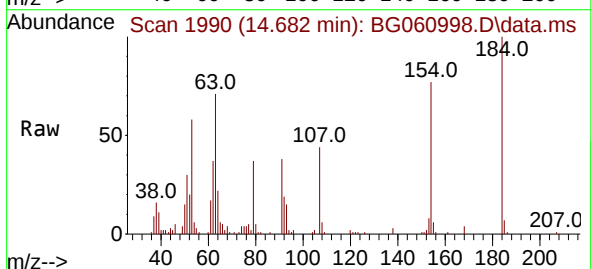
APPROVED

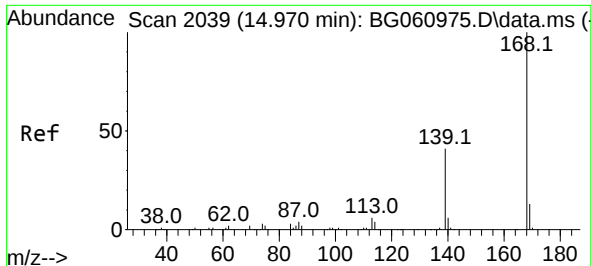
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#54
2,4-Dinitrophenol
Concen: 38.750 ng
RT: 14.682 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

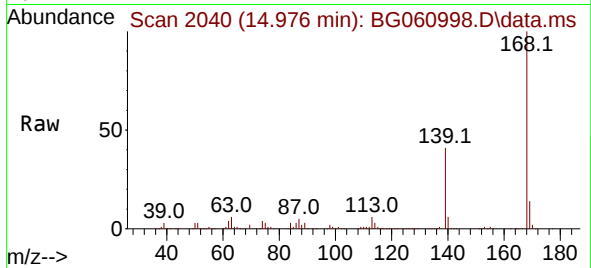
Tgt Ion:184 Resp: 33989
Ion Ratio Lower Upper
184 100
63 71.1 59.0 88.6
154 77.0 61.2 91.8





#55
Dibenzofuran
Concen: 61.917 ng
RT: 14.976 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

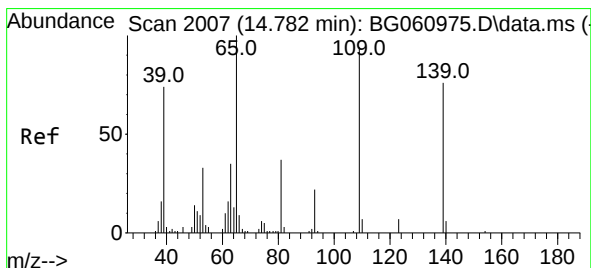
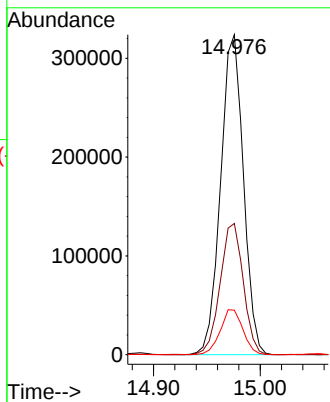
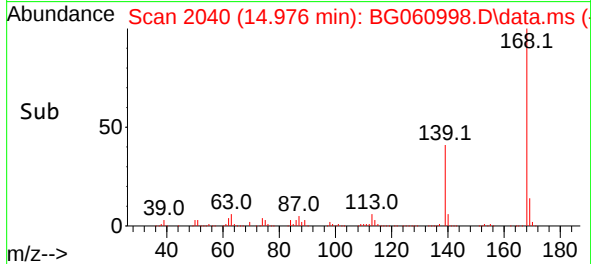
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion:168 Resp: 480399
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 13.9 10.6 15.8

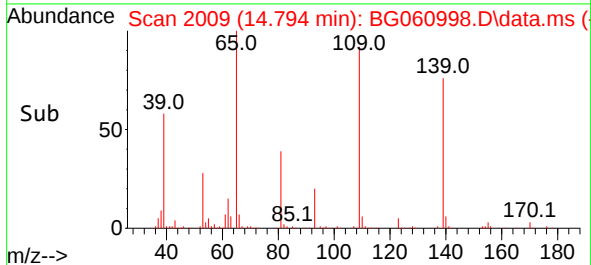
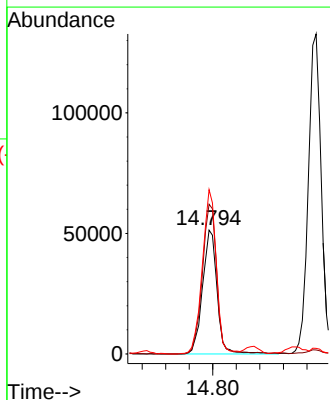
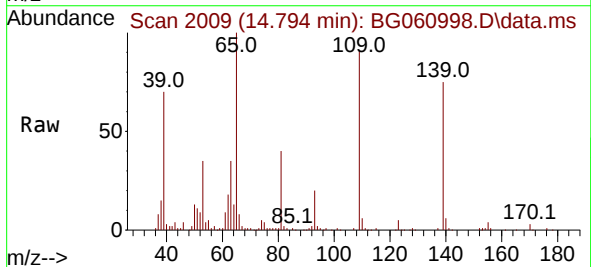
Manual Integrations
APPROVED

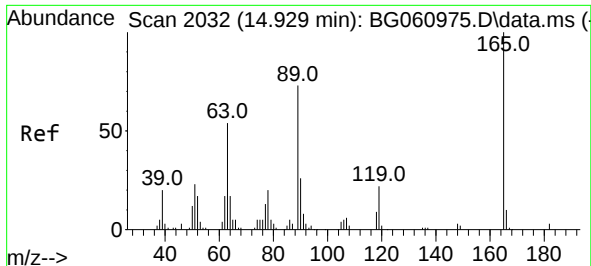
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#56
4-Nitrophenol
Concen: 85.386 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.012 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:139 Resp: 88232
Ion Ratio Lower Upper
139 100
109 120.9 104.1 144.1
65 132.7 112.0 152.0





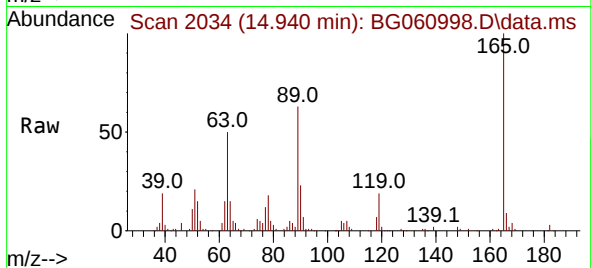
#57
2,4-Dinitrotoluene
Concen: 40.669 ng
RT: 14.940 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

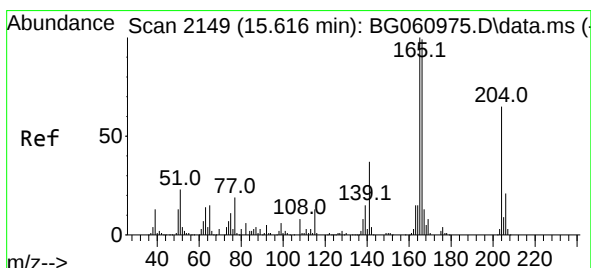
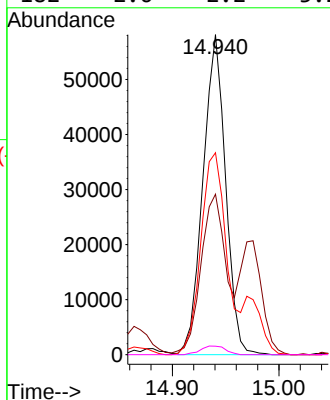
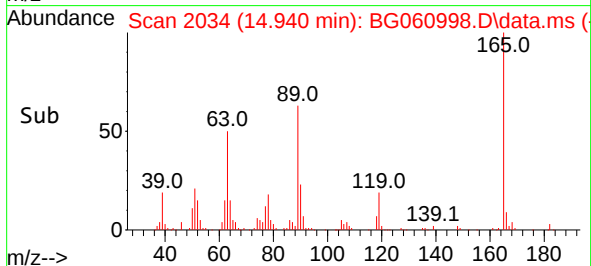


Tgt Ion:165 Resp: 8567
Ion Ratio Lower Upper
165 100
63 50.2 43.4 65.2
89 63.1 58.4 87.6
182 2.6 2.2 3.2

Manual Integrations

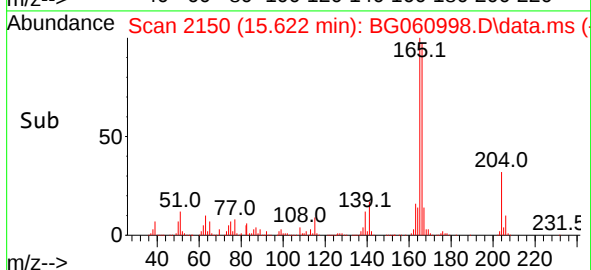
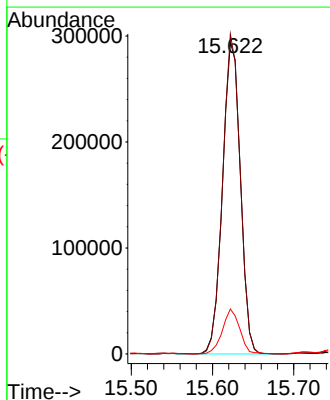
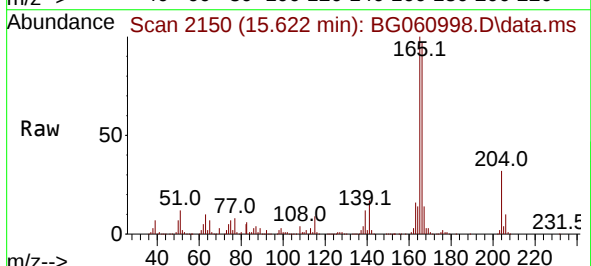
APPROVED

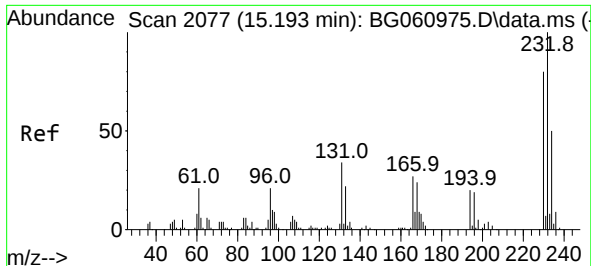
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#58
Fluorene
Concen: 68.843 ng
RT: 15.622 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

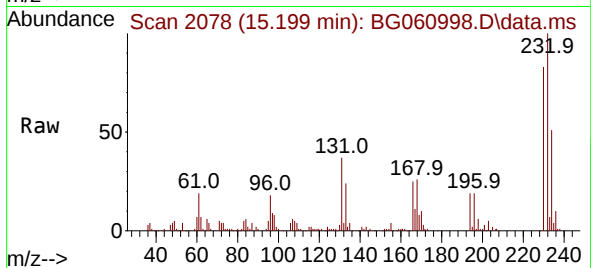
Tgt Ion:166 Resp: 450843
Ion Ratio Lower Upper
166 100
165 102.7 80.9 121.3
167 14.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.204 ng
RT: 15.199 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

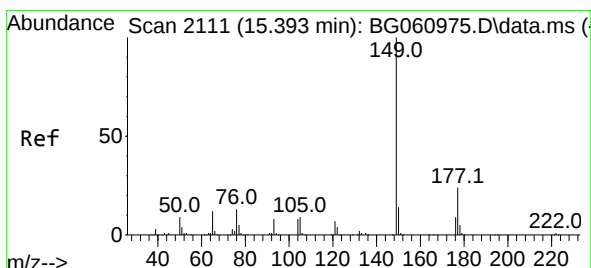
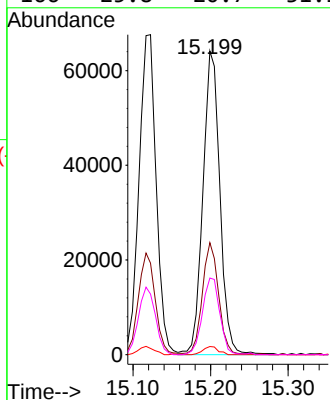
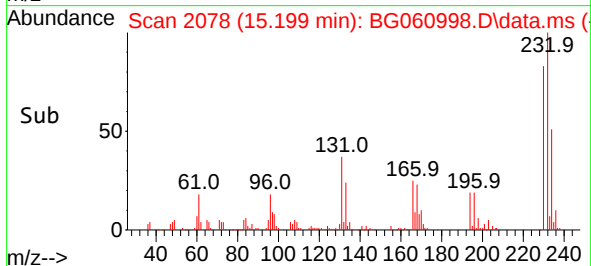
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



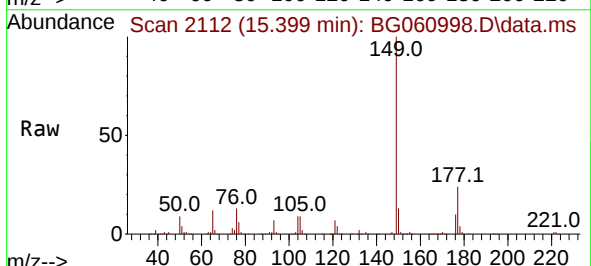
Tgt Ion:232 Resp: 9769
Ion Ratio Lower Upper
232 100
131 35.3 27.4 41.0
130 2.4 1.5 2.3
166 25.8 20.7 31.1

Manual Integrations
APPROVED

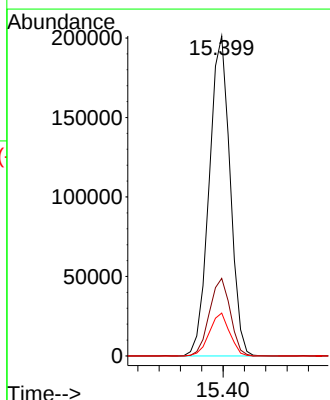
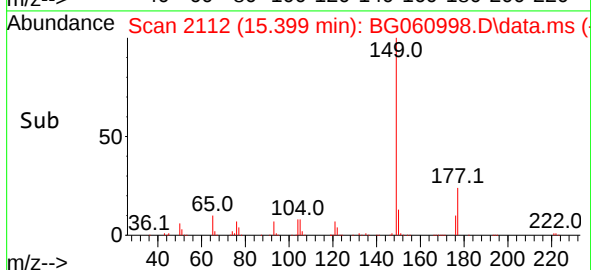
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

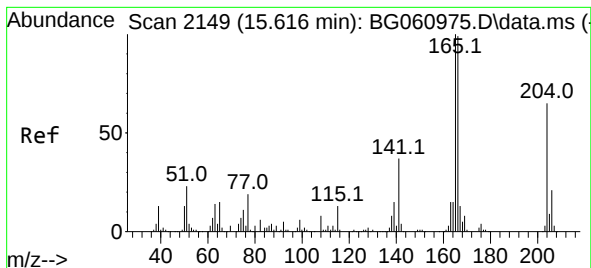


#60
Diethylphthalate
Concen: 39.482 ng
RT: 15.399 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



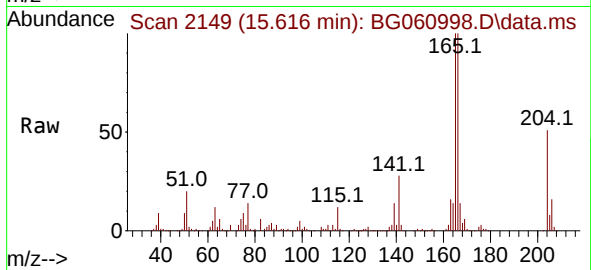
Tgt Ion:149 Resp: 272581
Ion Ratio Lower Upper
149 100
177 24.3 18.8 28.2
150 13.4 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 40.172 ng
RT: 15.616 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

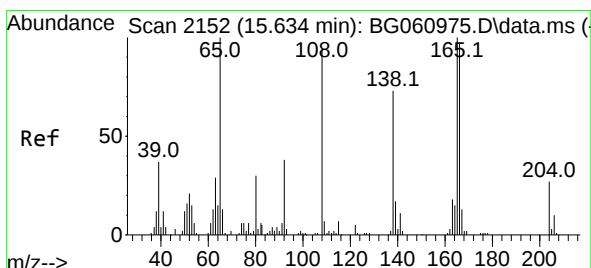
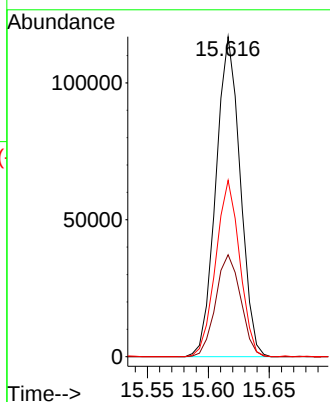
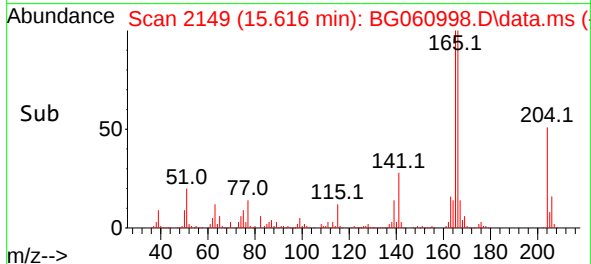
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



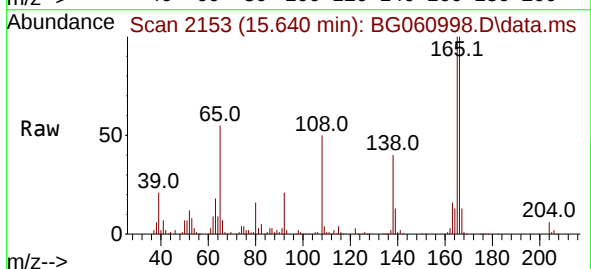
Tgt Ion:204 Resp: 16225
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 55.1 45.4 68.0

Manual Integrations
APPROVED

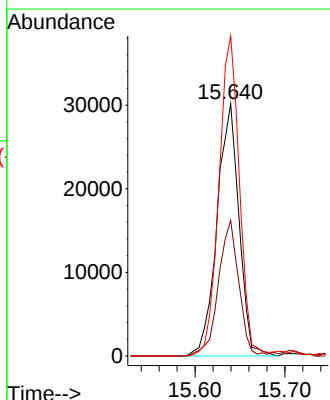
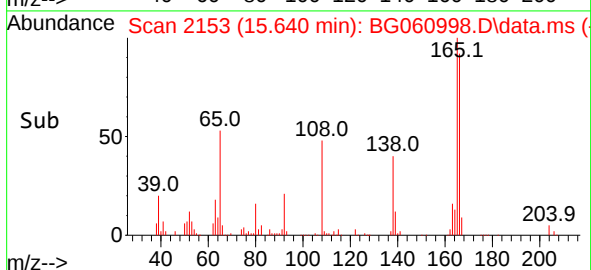
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

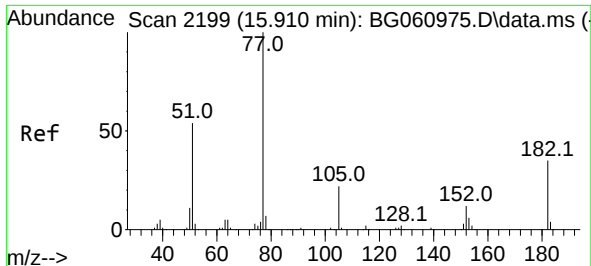


#62
4-Nitroaniline
Concen: 32.936 ng
RT: 15.640 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:138 Resp: 51223
Ion Ratio Lower Upper
138 100
92 53.7 32.2 72.2
108 126.9 109.0 149.0





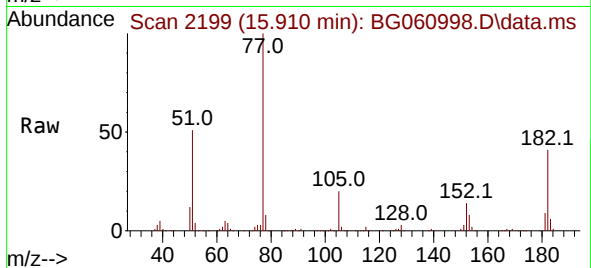
#63
Azobenzene
Concen: 39.909 ng
RT: 15.910 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS



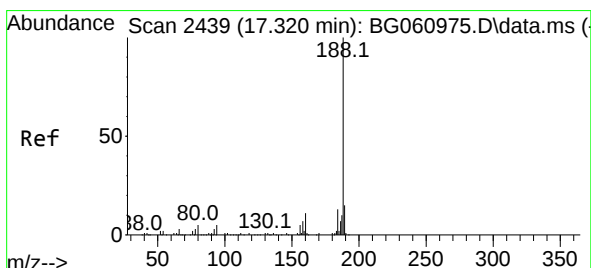
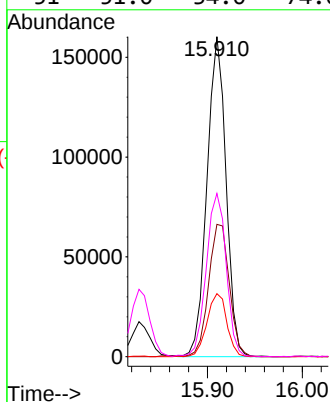
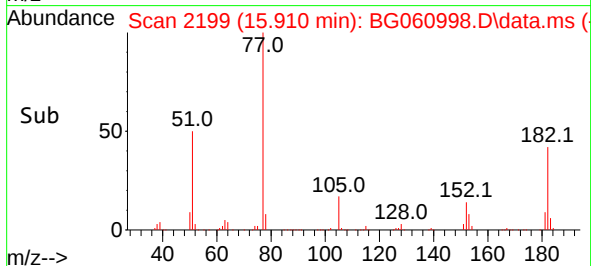
Tgt Ion: 77 Resp: 224104
Ion Ratio Lower Upper
77 100
182 41.4 14.5 54.5
105 19.7 1.9 41.9
51 51.0 34.0 74.0

Manual Integrations

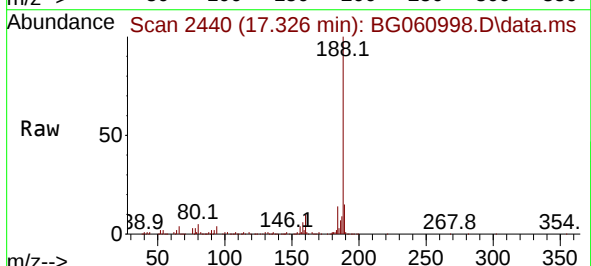
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

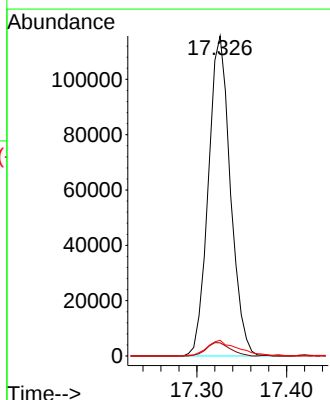
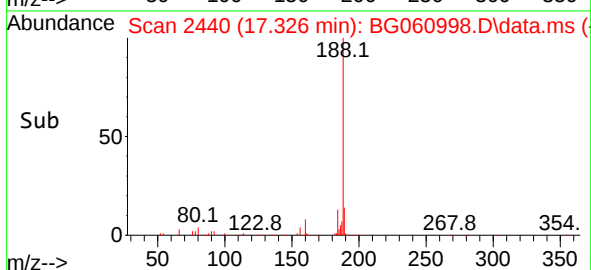
Supervised By :mohammad ahmed 04/24/2024

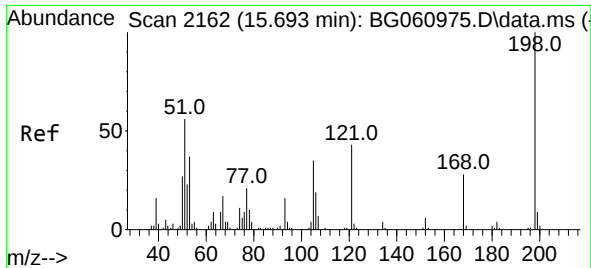


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:188 Resp: 197046
Ion Ratio Lower Upper
188 100
94 4.1 4.1 6.1
80 4.9 4.0 6.0





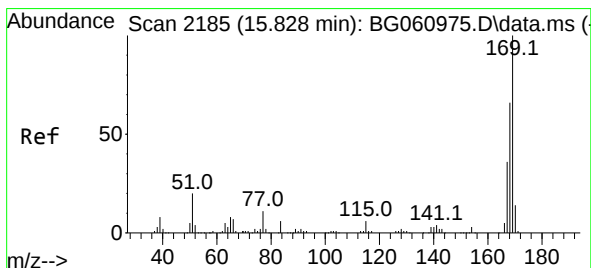
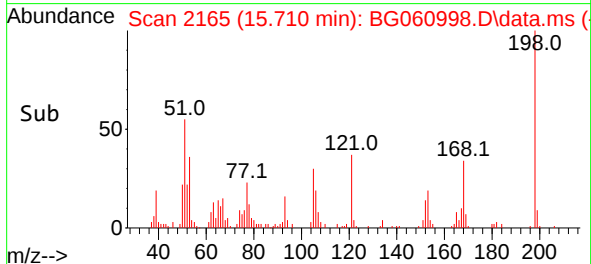
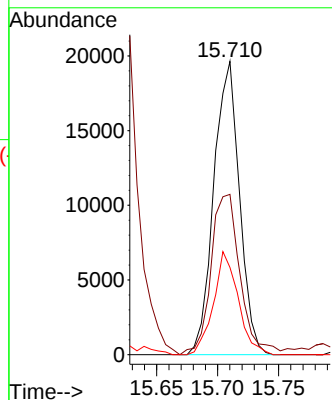
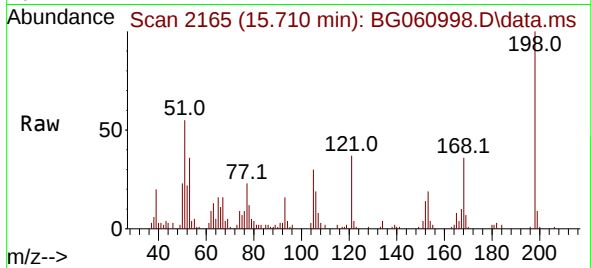
#65
4,6-Dinitro-2-methylphenol
Concen: 23.690 ng
RT: 15.710 min Scan# 2165
Delta R.T. 0.017 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :
BNA_G
ClientSampleId :
SP-1CMS

Tgt Ion:198 Resp: 2882
Ion Ratio Lower Upper
198 100
51 54.7 38.6 78.6
105 29.7 14.5 54.5

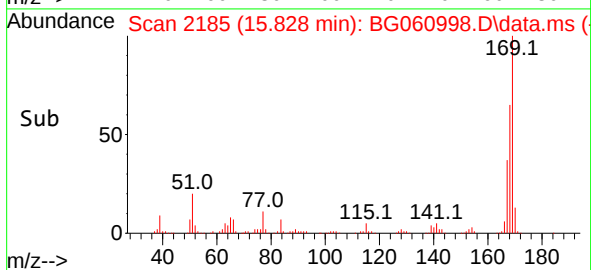
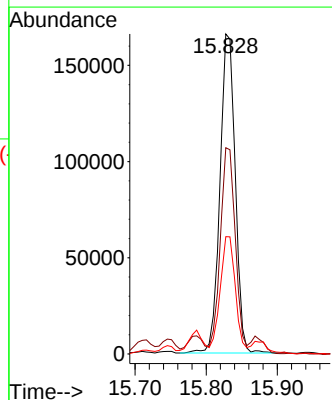
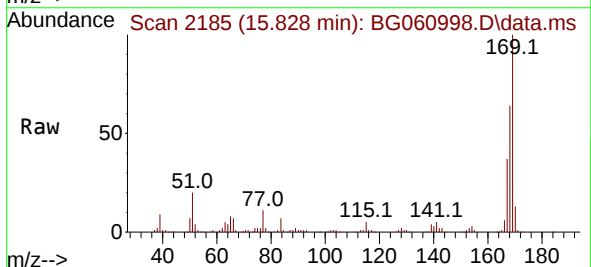
Manual Integrations
APPROVED

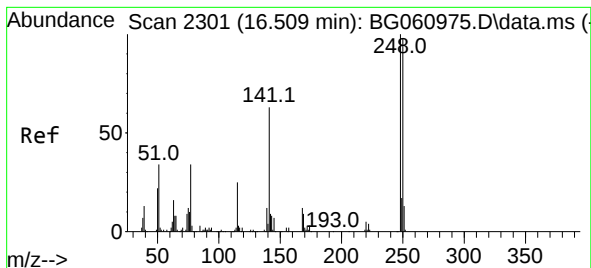
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#66
n-Nitrosodiphenylamine
Concen: 45.498 ng
RT: 15.828 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:169 Resp: 246998
Ion Ratio Lower Upper
169 100
168 64.5 52.5 78.7
167 36.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 45.334 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

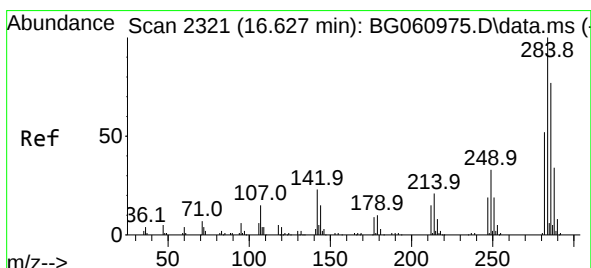
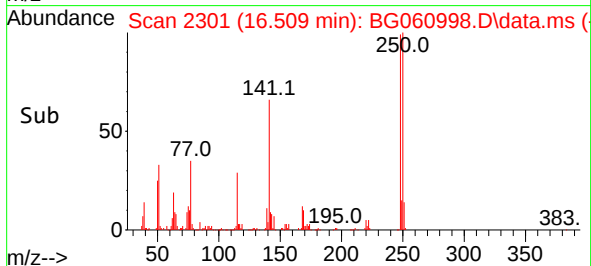
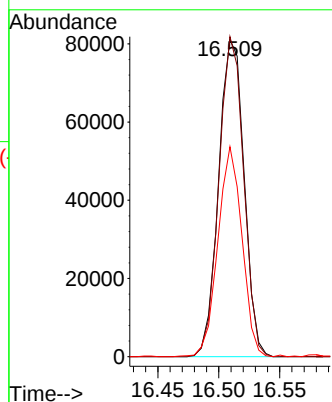
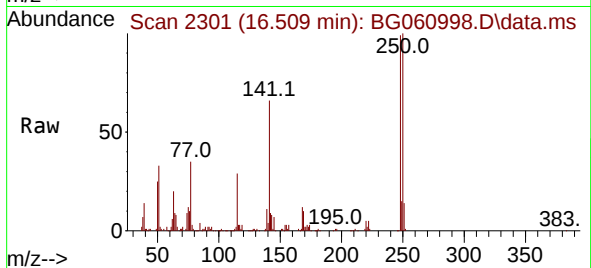
SP-1CMS

Tgt Ion:248 Resp: 11789
Ion Ratio Lower Upper
248 100
250 100.8 78.7 118.1
141 66.1 50.4 75.6

Manual Integrations

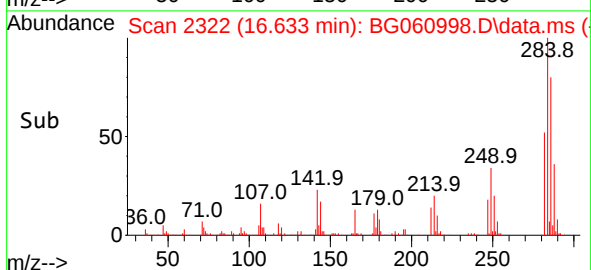
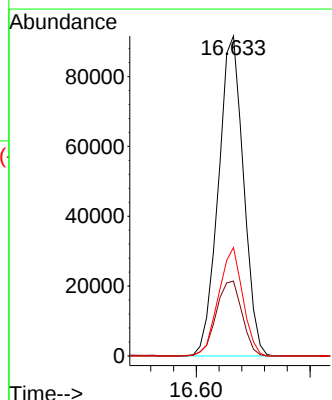
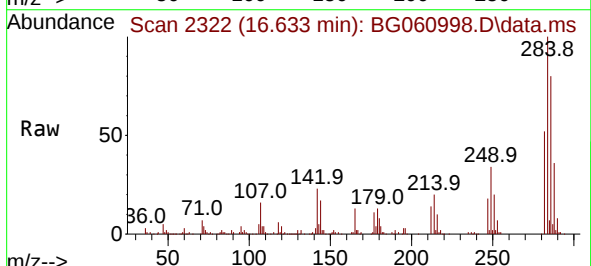
APPROVED

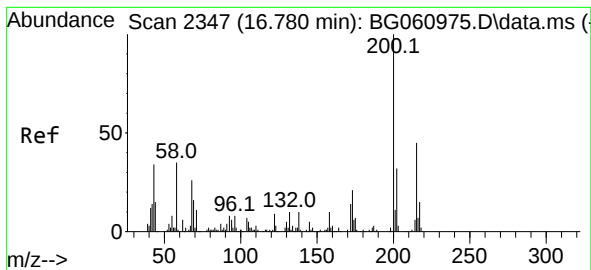
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#68
Hexachlorobenzene
Concen: 48.835 ng
RT: 16.633 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:284 Resp: 140276
Ion Ratio Lower Upper
284 100
142 23.4 18.7 28.1
249 33.9 26.4 39.6





#69

Atrazine

Concen: 49.804 ng

RT: 16.791 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

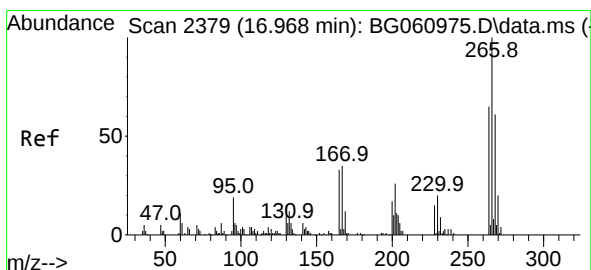
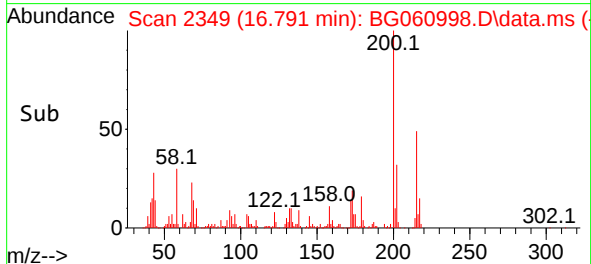
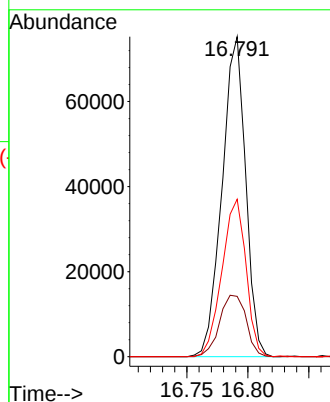
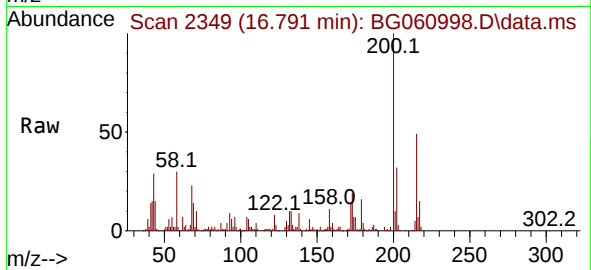
Tgt Ion:200 Resp: 10119
 Ion Ratio Lower Upper
 200 100
 173 18.9 1.4 41.4
 215 49.2 25.3 65.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#70

Pentachlorophenol

Concen: 95.383 ng

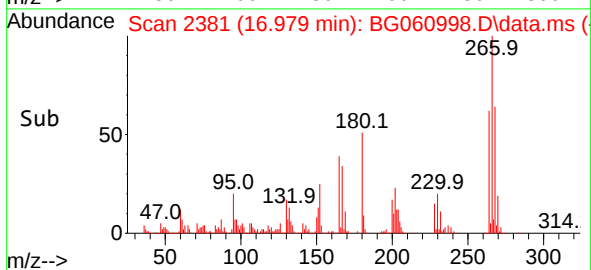
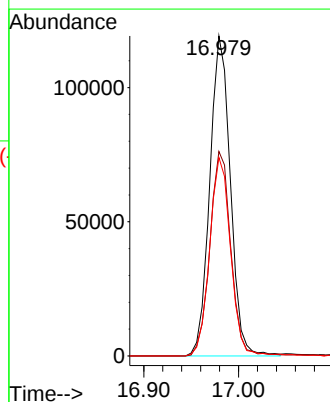
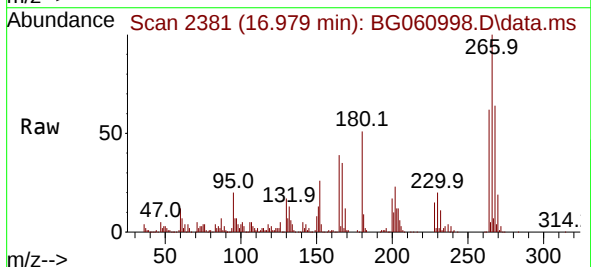
RT: 16.979 min Scan# 2381

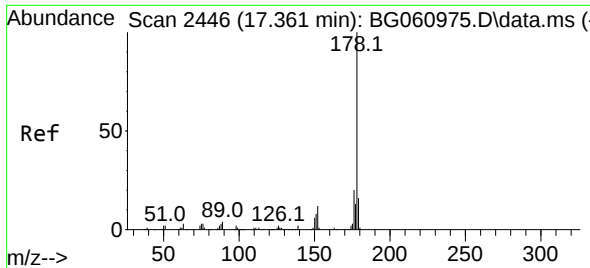
Delta R.T. 0.011 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

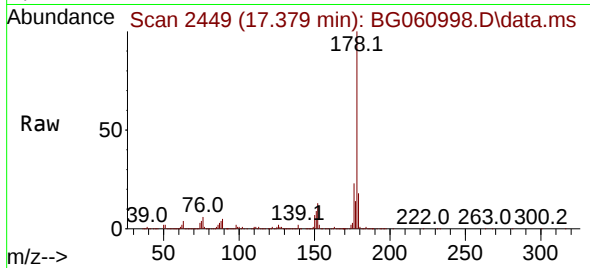
Tgt Ion:266 Resp: 179659
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.1 73.7
 264 62.0 52.2 78.2





#71
Phenanthrene
Concen: 326.077 ng
RT: 17.379 min Scan# 2449
Delta R.T. 0.018 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

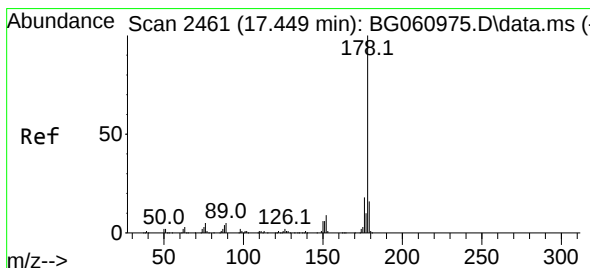
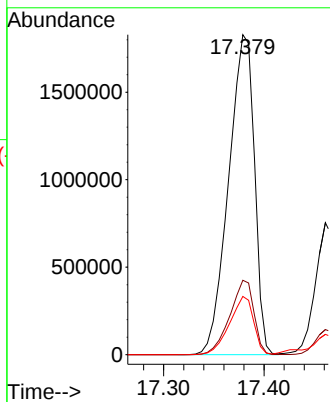
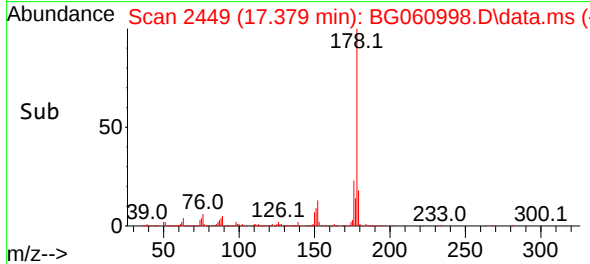
Instrument :
BNA_G
Client SampleId :
SP-1CMS



Tgt Ion:178 Resp: 327963
Ion Ratio Lower Upper
178 100
176 23.2 16.0 24.0
179 18.2 12.5 18.7

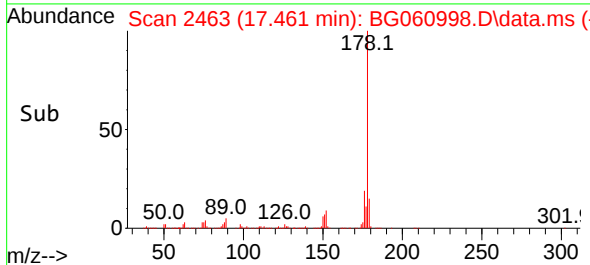
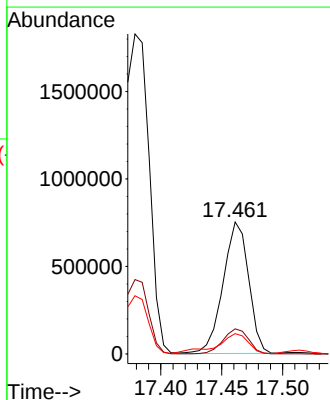
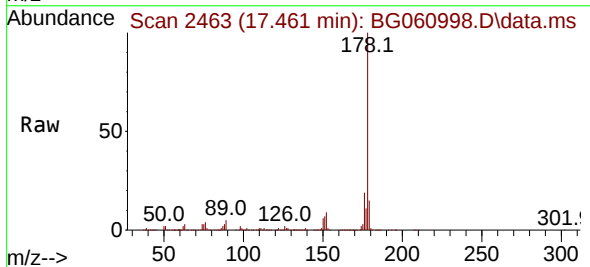
Manual Integrations
APPROVED

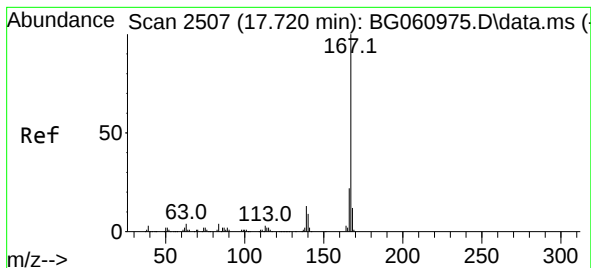
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#72
Anthracene
Concen: 105.776 ng
RT: 17.461 min Scan# 2463
Delta R.T. 0.012 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:178 Resp: 1095699
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.4 12.4 18.6





#73

Carbazole

Concen: 80.419 ng

RT: 17.725 min Scan# 2508

Delta R.T. 0.006 min

Lab File: BG060998.D

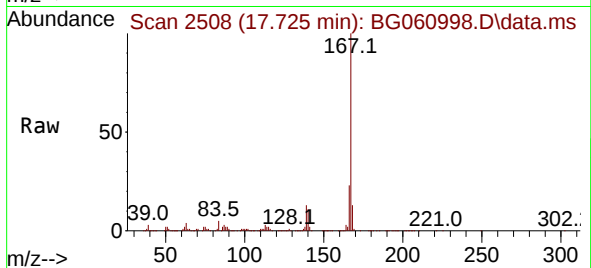
Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS



Tgt Ion:167 Resp: 691839

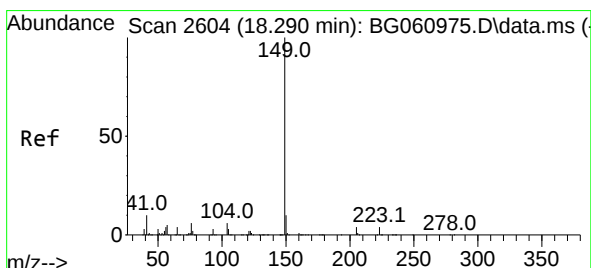
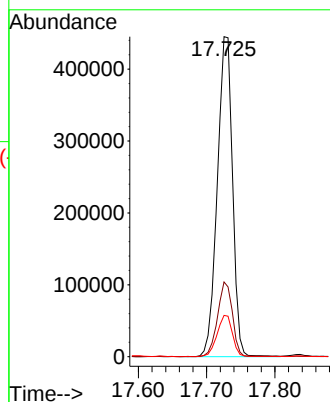
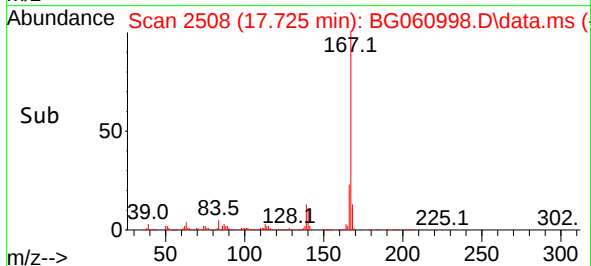
Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.8
139	12.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#74

Di-n-butylphthalate

Concen: 41.452 ng

RT: 18.295 min Scan# 2605

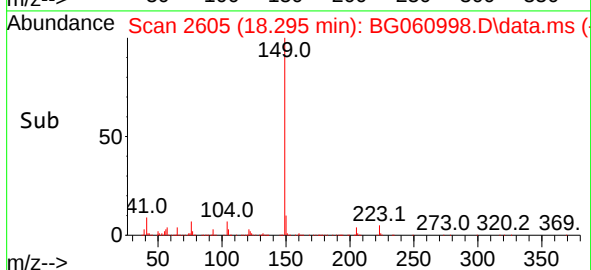
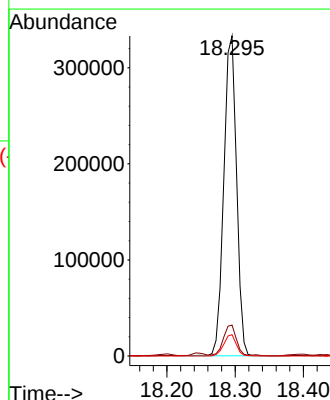
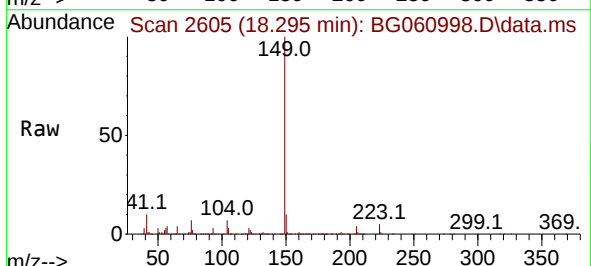
Delta R.T. 0.006 min

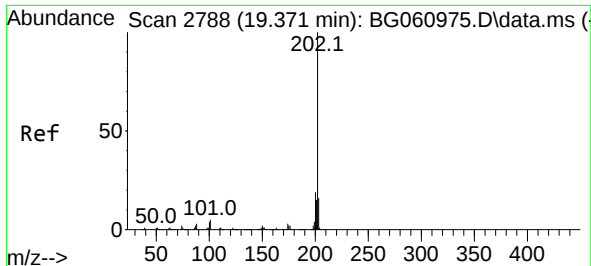
Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Tgt Ion:149 Resp: 432954

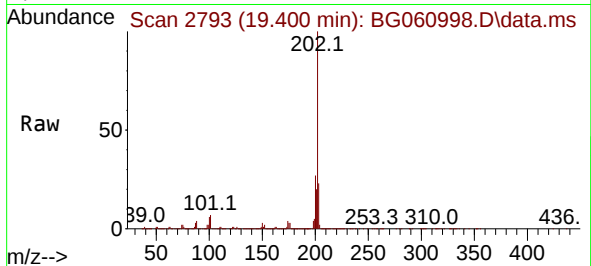
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.7	5.0	7.6





#75
Fluoranthene
Concen: 317.300 ng
RT: 19.400 min Scan# 21
Delta R.T. 0.029 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

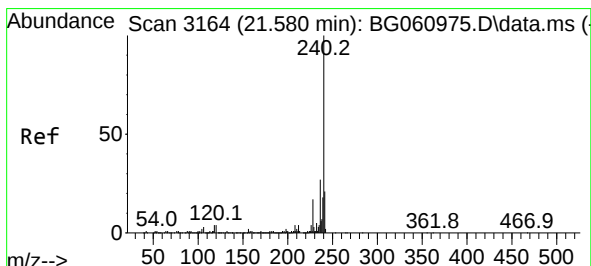
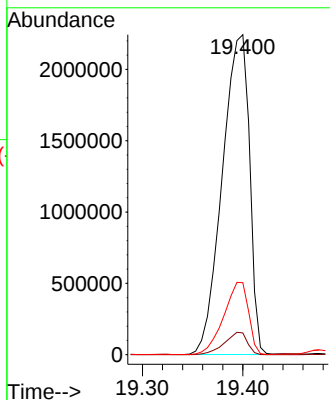
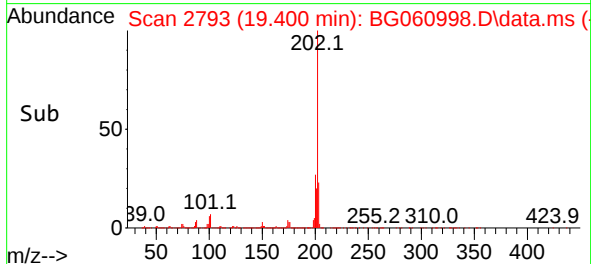
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



Tgt Ion:202 Resp: 4235354
Ion Ratio Lower Upper
202 100
101 6.8 0.0 24.9
203 22.5 0.0 36.2

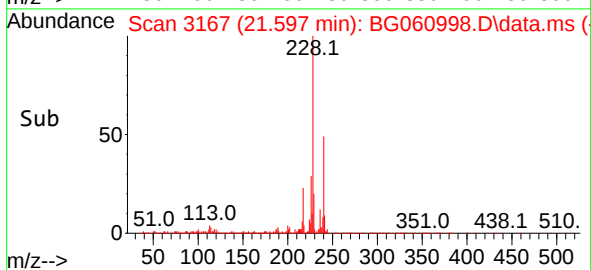
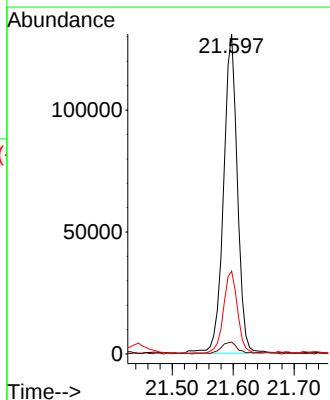
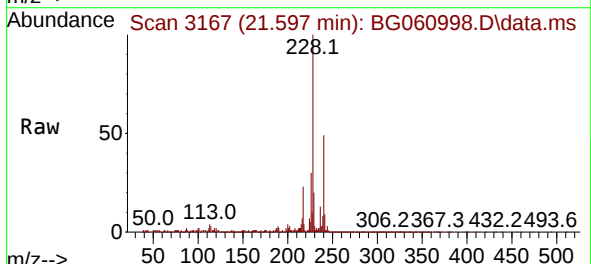
Manual Integrations
APPROVED

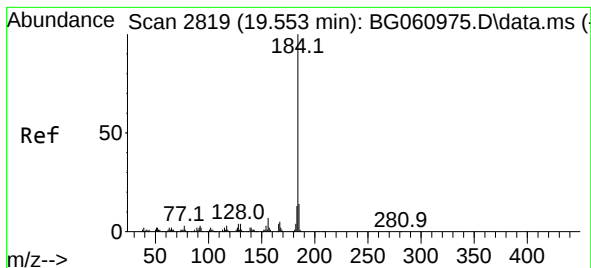
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.597 min Scan# 3167
Delta R.T. 0.017 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

Tgt Ion:240 Resp: 206964
Ion Ratio Lower Upper
240 100
120 3.7 3.0 4.6
236 25.9 21.8 32.6





#77

Benzidine

Concen: 25.750 ng

RT: 19.559 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

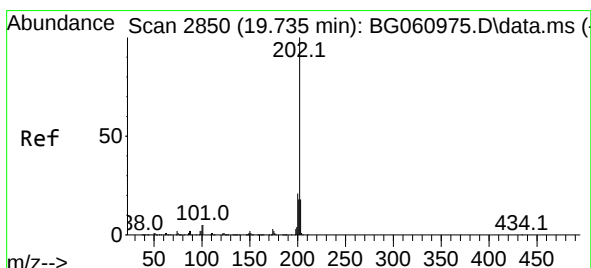
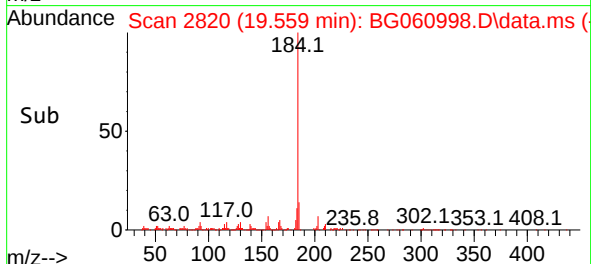
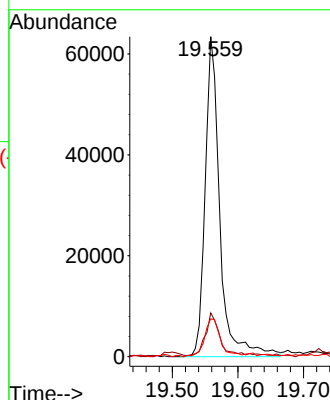
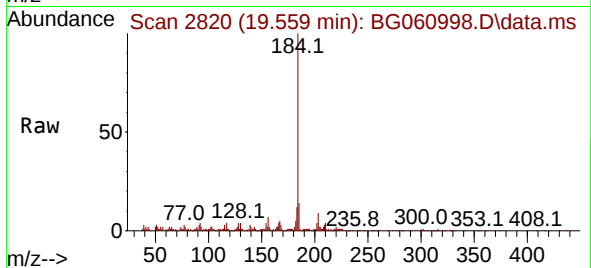
Tgt Ion:184	Resp:	98748
Ion Ratio	Lower	Upper
184	100	
185	13.7	11.3 16.9
183	11.8	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#78

Pyrene

Concen: 273.856 ng

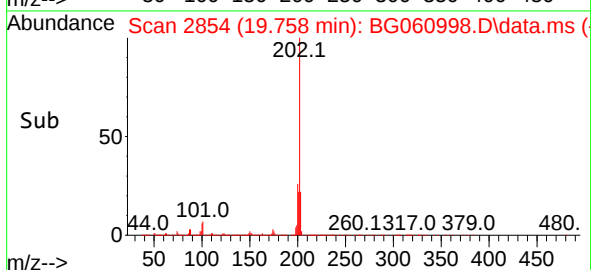
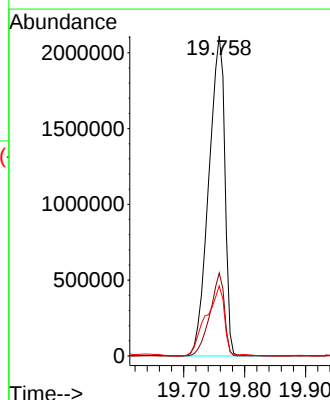
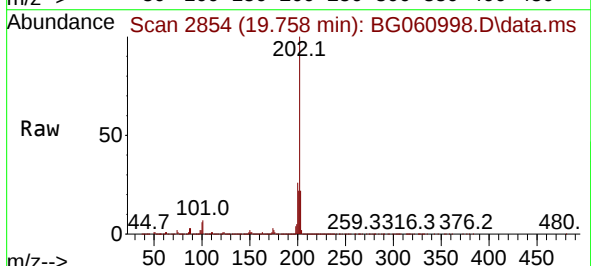
RT: 19.758 min Scan# 2854

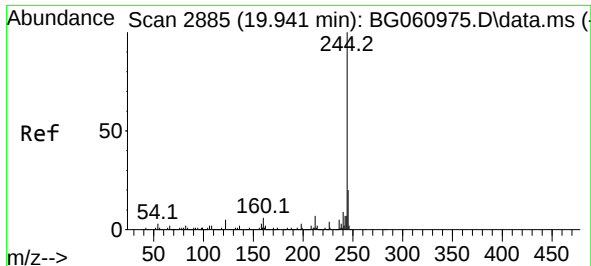
Delta R.T. 0.023 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Tgt Ion:202	Resp:	3859209
Ion Ratio	Lower	Upper
202	100	
200	25.9	16.8 25.2#
203	21.9	14.2 21.2#





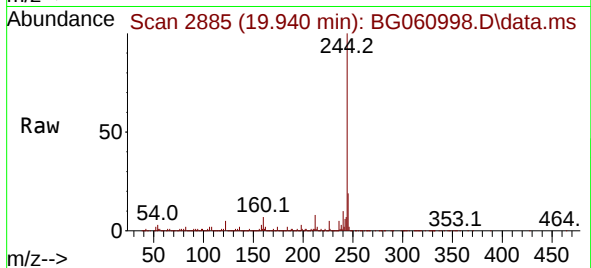
#79
 Terphenyl-d14
 Concen: 53.076 ng
 RT: 19.940 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060998.D
 Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

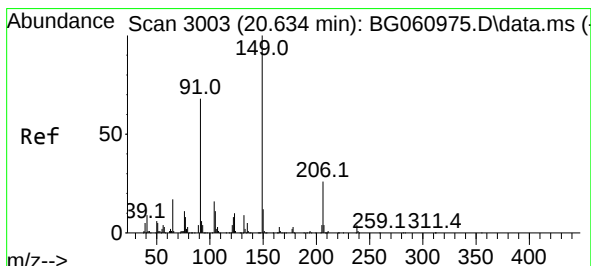
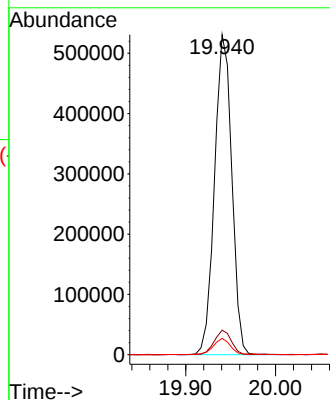
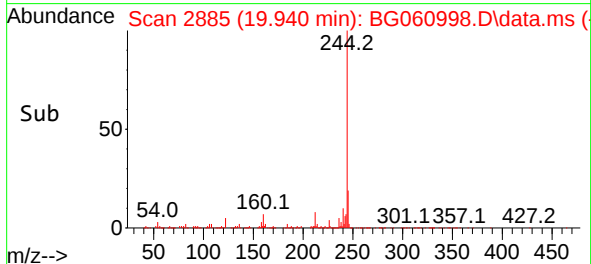


Tgt Ion:244 Resp: 70768
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 5.1 4.2 6.2

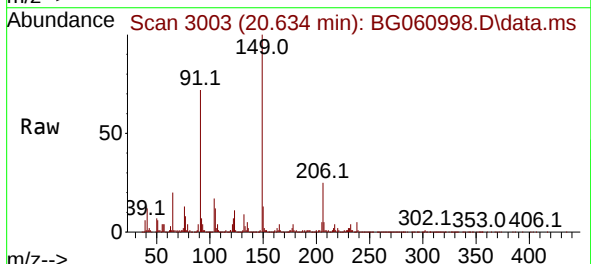
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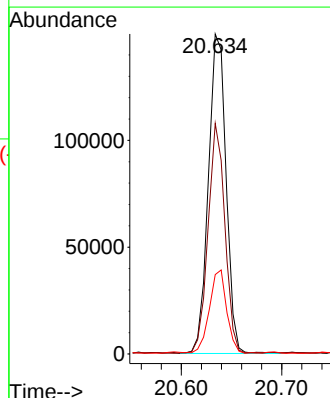
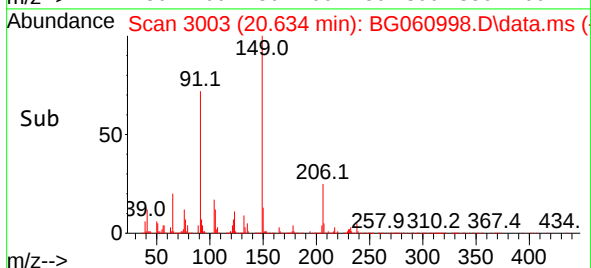
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

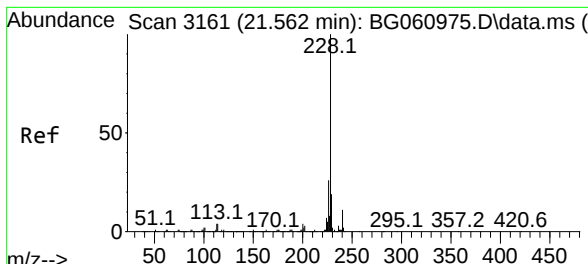


#80
 Butylbenzylphthalate
 Concen: 39.031 ng
 RT: 20.634 min Scan# 3003
 Delta R.T. -0.000 min
 Lab File: BG060998.D
 Acq: 22 Apr 2024 19:29



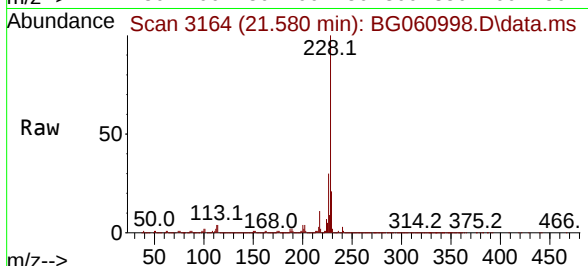
Tgt Ion:149 Resp: 183328
 Ion Ratio Lower Upper
 149 100
 91 72.1 54.4 81.6
 206 24.8 20.8 31.2





#81
 Benzo(a)anthracene
 Concen: 166.577 ng
 RT: 21.580 min Scan# 3164
 Delta R.T. 0.018 min
 Lab File: BG060998.D
 Acq: 22 Apr 2024 19:29

Instrument : BNA_G
 ClientSampleId : SP-1CMS

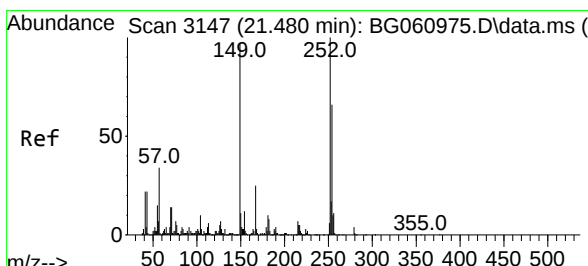
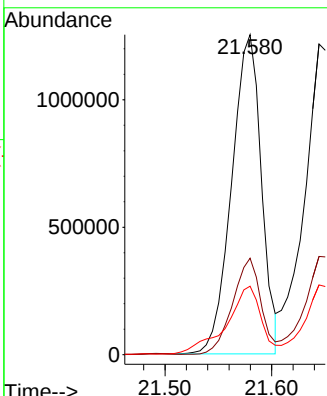
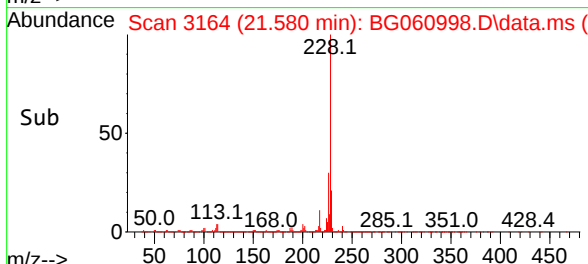


Tgt Ion: 228 Resp: 2423829

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.0	31.4
229	21.4	15.0	22.4

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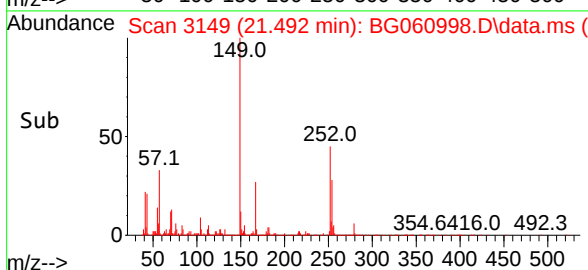
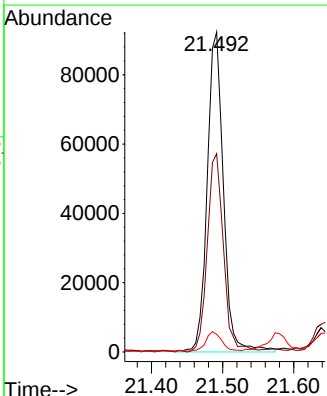
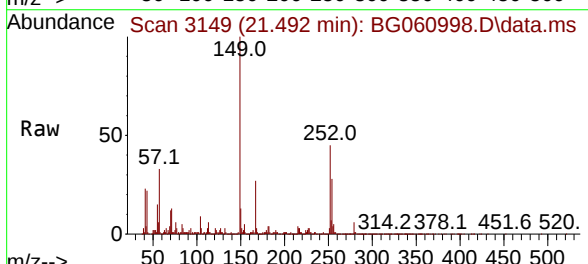
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

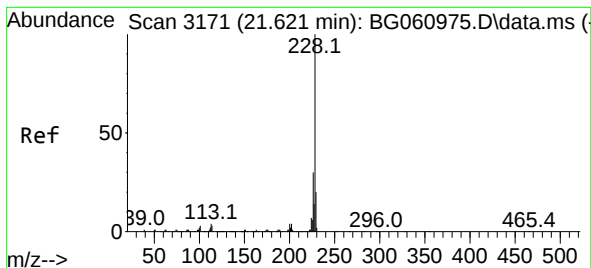


#82
 3,3'-Dichlorobenzidine
 Concen: 27.818 ng
 RT: 21.492 min Scan# 3149
 Delta R.T. 0.012 min
 Lab File: BG060998.D
 Acq: 22 Apr 2024 19:29

Tgt Ion: 252 Resp: 146285

Ion	Ratio	Lower	Upper
252	100		
254	62.0	52.7	79.1
126	5.5	4.2	6.2





#83

Chrysene

Concen: 162.693 ng m

RT: 21.644 min Scan# 3175

Delta R.T. 0.023 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

Tgt Ion:228 Resp: 225388

Ion Ratio Lower Upper

228 100

226 31.6 24.2 36.2

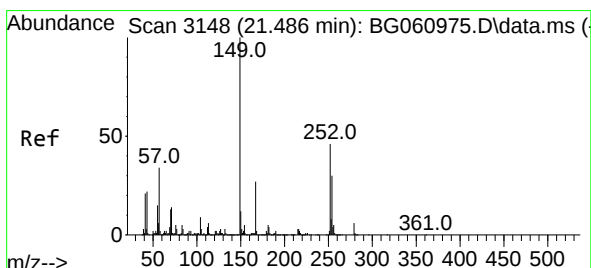
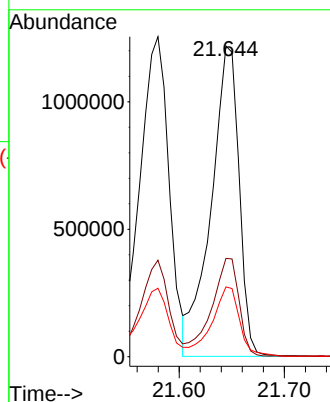
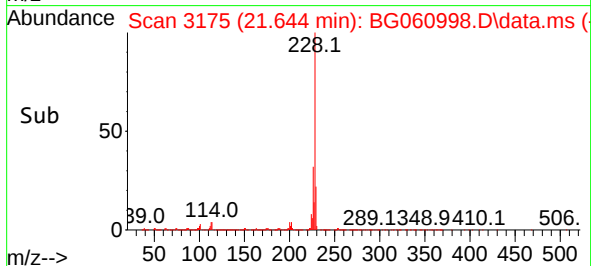
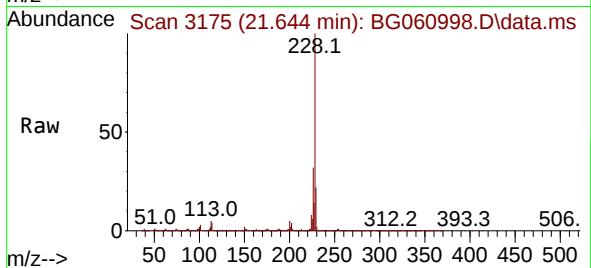
229 22.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.551 ng

RT: 21.492 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

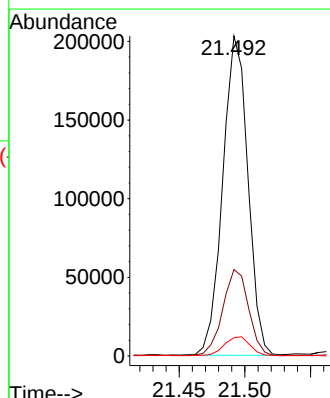
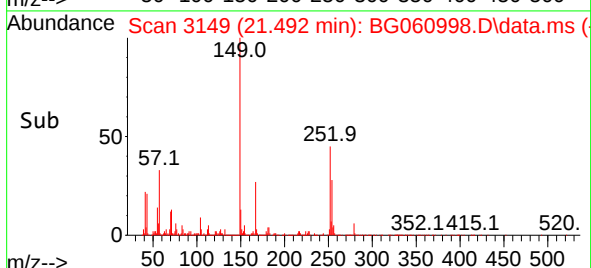
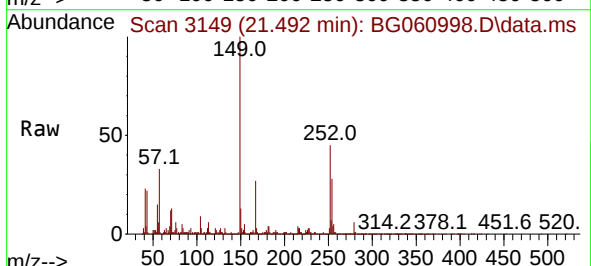
Tgt Ion:149 Resp: 270088

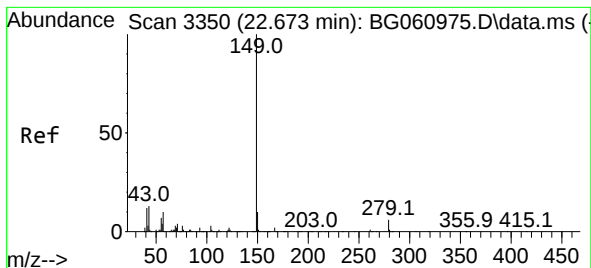
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

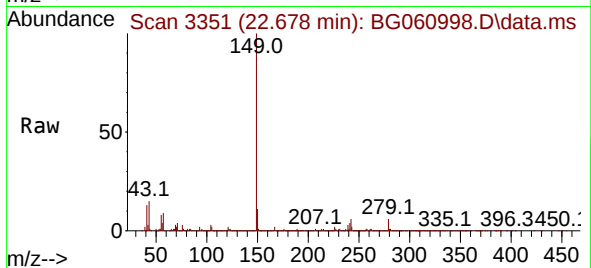
279 5.7 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 40.152 ng
RT: 22.678 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

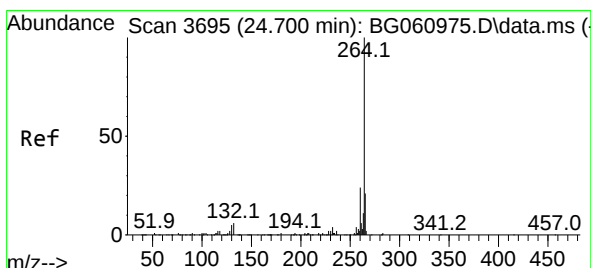
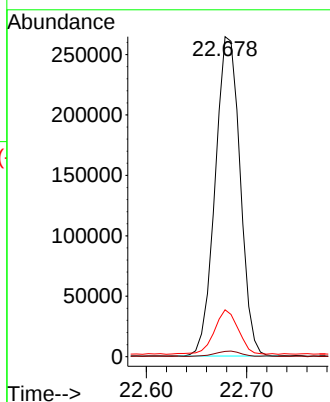
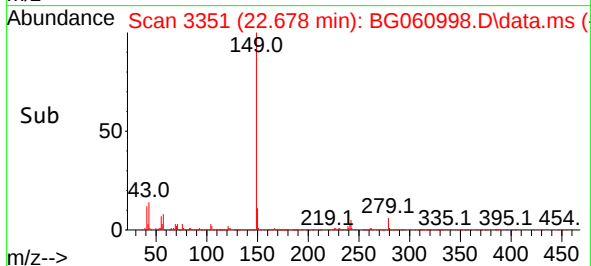
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



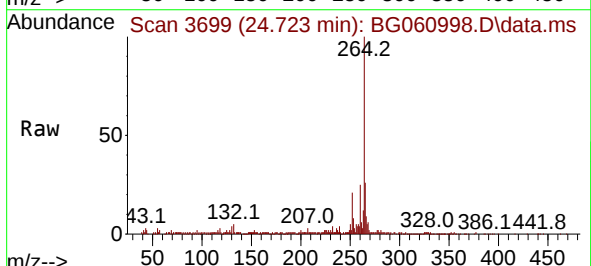
Tgt Ion:149 Resp: 455219
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 13.3 11.0 16.6

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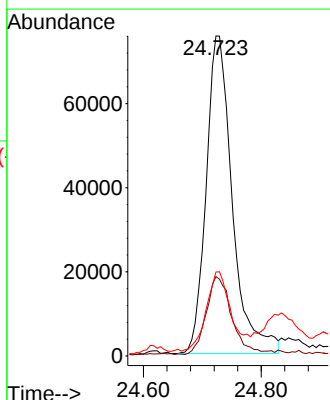
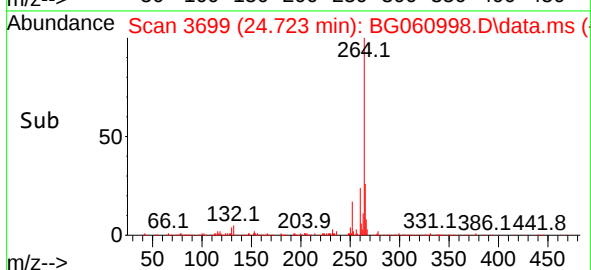
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

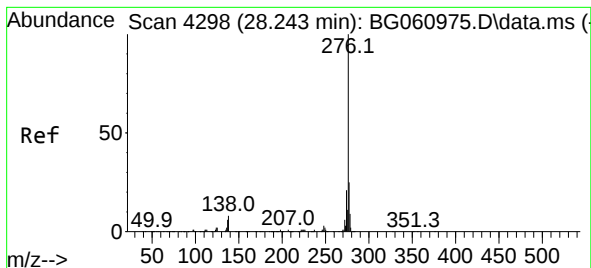


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.723 min Scan# 3699
Delta R.T. 0.023 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:264 Resp: 234016
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 26.3 17.0 25.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 82.260 ng

RT: 28.301 min Scan# 41

Delta R.T. 0.059 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

Tgt Ion:276 Resp: 133540

Ion Ratio Lower Upper

276 100

138 7.2 5.3 7.9

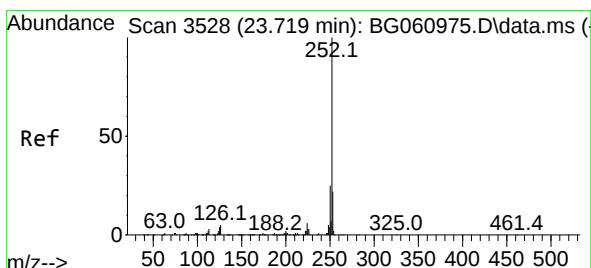
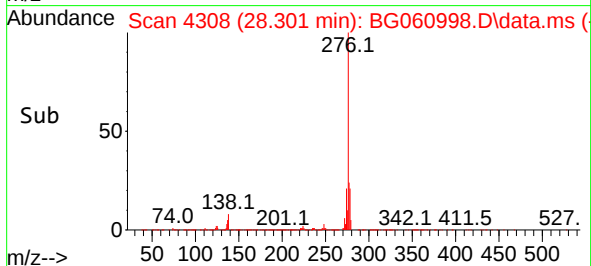
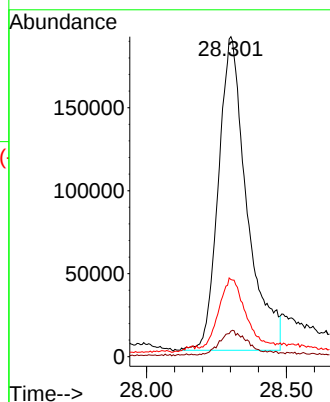
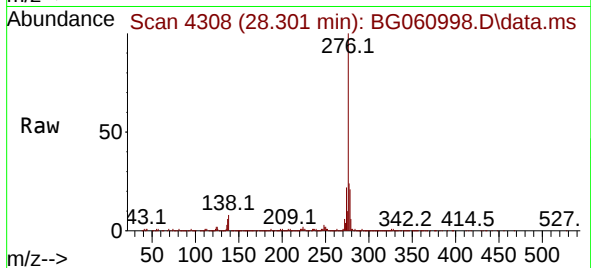
277 21.4 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#88

Benzo(b)fluoranthene

Concen: 191.663 ng

RT: 23.760 min Scan# 3535

Delta R.T. 0.041 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

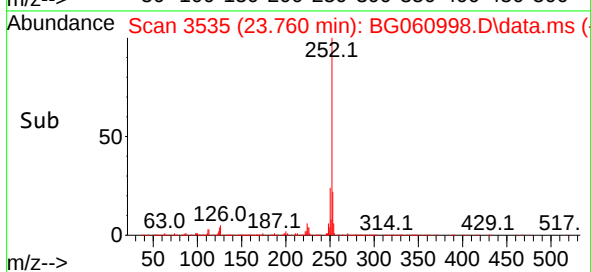
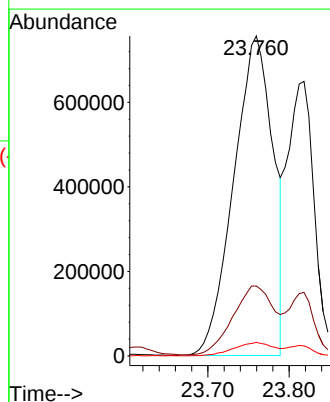
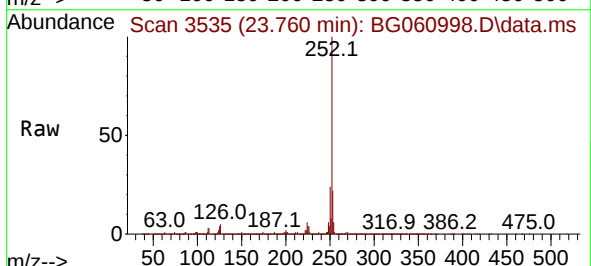
Tgt Ion:252 Resp: 2541752

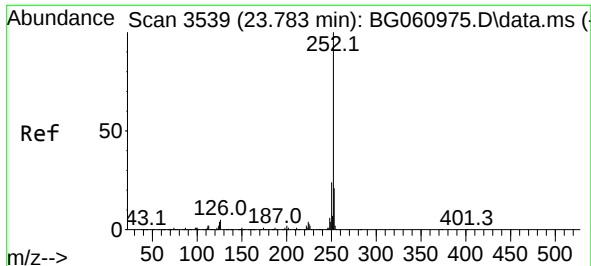
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

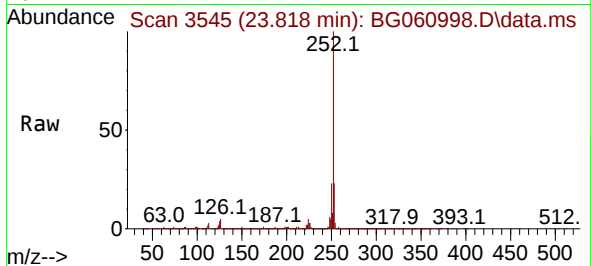
125 4.3 3.3 4.9





#89
Benzo(k)fluoranthene
Concen: 108.255 ng m
RT: 23.818 min Scan# 3545
Delta R.T. 0.035 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29

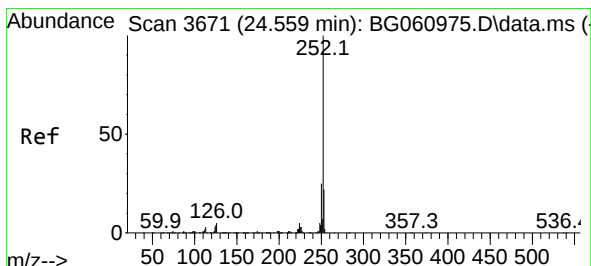
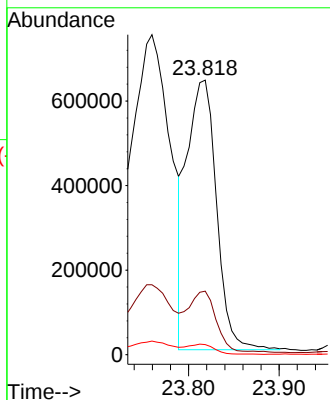
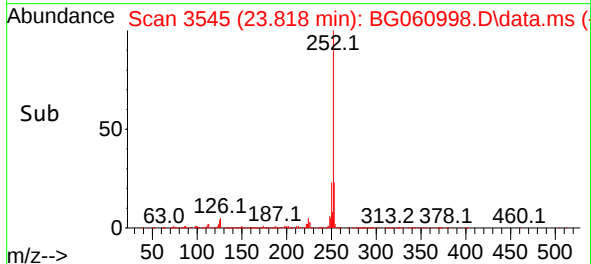
Instrument :
BNA_G
ClientSampleId :
SP-1CMS



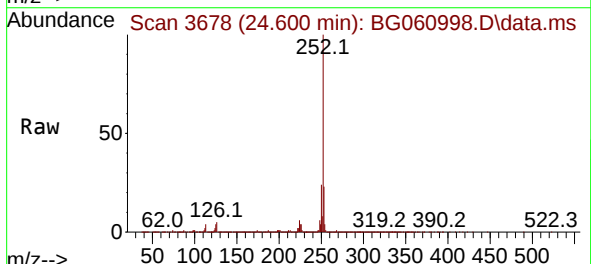
Tgt Ion:252 Resp: 1449244
Ion Ratio Lower Upper
252 100
253 23.1 16.6 25.0
125 3.7 3.3 4.9

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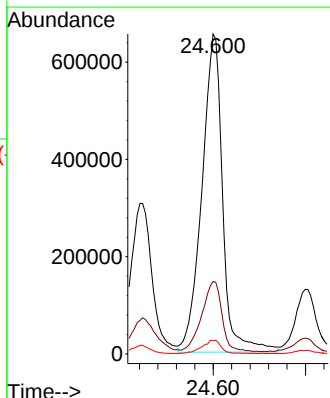
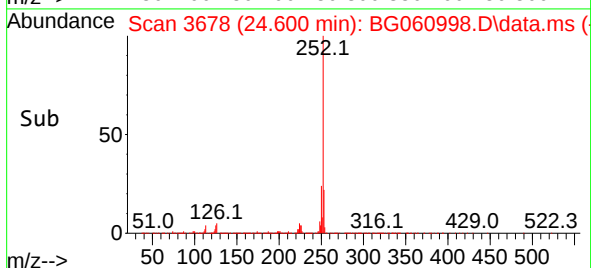
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

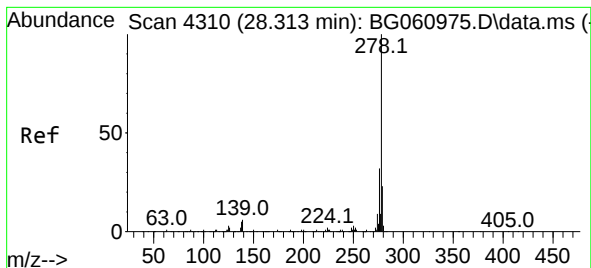


#90
Benzo(a)pyrene
Concen: 159.690 ng
RT: 24.600 min Scan# 3678
Delta R.T. 0.041 min
Lab File: BG060998.D
Acq: 22 Apr 2024 19:29



Tgt Ion:252 Resp: 2049812
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 4.1 3.6 5.4





#91

Dibenzo(a,h)anthracene

Concen: 44.723 ng

RT: 28.348 min Scan# 41

Delta R.T. 0.035 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Instrument :

BNA_G

ClientSampleId :

SP-1CMS

Tgt Ion:278 Resp: 593170

Ion Ratio Lower Upper

278 100

139 6.6 4.7 7.1

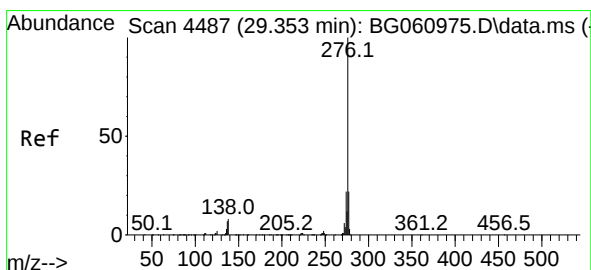
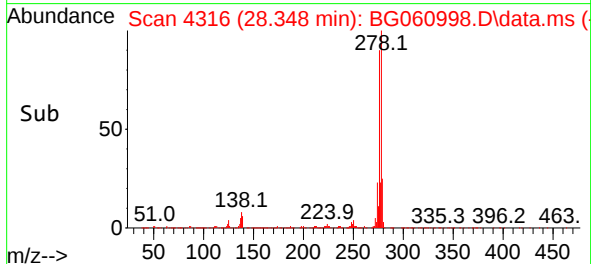
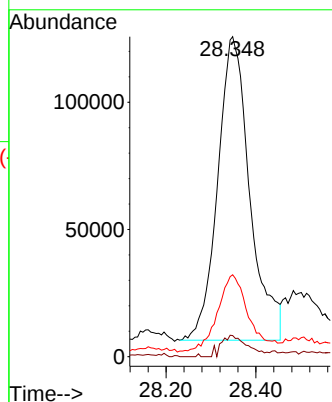
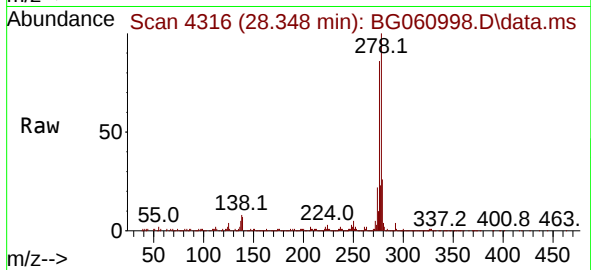
279 25.6 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#92

Benzo(g,h,i)perylene

Concen: 83.873 ng m

RT: 29.406 min Scan# 4496

Delta R.T. 0.053 min

Lab File: BG060998.D

Acq: 22 Apr 2024 19:29

Tgt Ion:276 Resp: 1102999

Ion Ratio Lower Upper

276 100

277 23.2 18.0 27.0

138 7.4 6.5 9.7

