

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061015.D
 Acq On : 23 Apr 2024 20:02
 Operator : MA/JU
 Sample : P2189-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	26713	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	103162	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	79476	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	195482	20.000	ng	# 0.00
76) Chrysene-d12	21.581	240	190340	20.000	ng	0.00
86) Perylene-d12	24.712	264	237129	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	155981	118.111	ng	0.01
7) Phenol-d6	7.180	99	142147m	72.544	ng	0.07
23) Nitrobenzene-d5	9.101	82	159451	69.444	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	208387	119.403	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	464660	80.917	ng	0.00
79) Terphenyl-d14	19.941	244	1021671	83.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	14977	32.769	ng	# 24
3) Pyridine	3.860	79	38847	27.497	ng	97
4) n-Nitrosodimethylamine	3.760	42	46636	36.702	ng	# 96
6) Aniline	7.274	93	35299	14.989	ng	97
8) 2-Chlorophenol	7.521	128	67944	41.291	ng	98
9) Benzaldehyde	7.080	77	3945	3.914	ng	# 76
10) Phenol	7.209	94	52656m	27.048	ng	
11) bis(2-Chloroethyl)ether	7.362	93	51853	37.229	ng	92
12) 1,3-Dichlorobenzene	7.838	146	74617	40.891	ng	94
13) 1,4-Dichlorobenzene	7.979	146	75585	40.213	ng	98
14) 1,2-Dichlorobenzene	8.296	146	72264	39.340	ng	97
15) Benzyl Alcohol	8.184	79	69700	37.674	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.461	45	111399	36.741	ng	70
17) 2-Methylphenol	8.449	107	46774m	29.756	ng	
18) Hexachloroethane	9.019	117	27665	40.847	ng	85
19) n-Nitroso-di-n-propyla...	8.743	70	48485	33.203	ng	98
20) 3+4-Methylphenols	8.790	107	71109m	32.346	ng	
22) Acetophenone	8.760	105	106188	36.863	ng	99
24) Nitrobenzene	9.142	77	80886	36.660	ng	96
25) Isophorone	9.665	82	139715	36.359	ng	99
26) 2-Nitrophenol	9.847	139	39962	38.538	ng	97
27) 2,4-Dimethylphenol	9.988	122	50970	30.666	ng	97
28) bis(2-Chloroethoxy)met...	10.147	93	76945	38.065	ng	98
29) 2,4-Dichlorophenol	10.488	162	79133	41.252	ng	99
30) 1,2,4-Trichlorobenzene	10.605	180	90664	42.836	ng	94
31) Naphthalene	10.793	128	220248	38.997	ng	98
32) Benzoic acid	10.165	122	35932m	28.373	ng	
33) 4-Chloroaniline	10.911	127	51367	20.021	ng	97
34) Hexachlorobutadiene	11.075	225	76370	41.029	ng	98
35) Caprolactam	11.692	113	19946	32.644	ng	# 50
36) 4-Chloro-3-methylphenol	12.127	107	93067	41.598	ng	92
37) 2-Methylnaphthalene	12.403	142	164514	37.047	ng	97
38) 1-Methylnaphthalene	12.620	142	154622	37.313	ng	100
40) 1,2,4,5-Tetrachloroben...	12.773	216	134343	47.566	ng	100
41) Hexachlorocyclopentadiene	12.750	237	59250	35.653	ng	99
43) 2,4,6-Trichlorophenol	13.008	196	83601	45.029	ng	97

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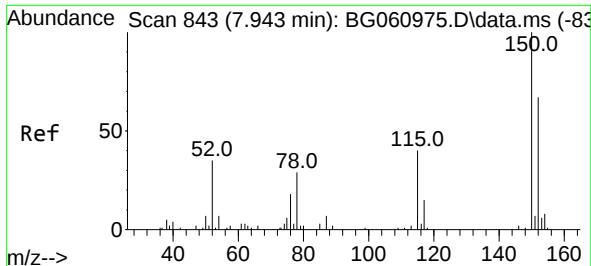
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	13.091	196	94847	43.187	ng	97
46) 1,1'-Biphenyl	13.408	154	239350	44.710	ng	96
47) 2-Chloronaphthalene	13.449	162	188454	45.912	ng	98
48) 2-Nitroaniline	13.649	65	68316	41.239	ng	94
49) Acenaphthylene	14.295	152	295861	42.798	ng	99
50) Dimethylphthalate	14.031	163	269797	41.167	ng	97
51) 2,6-Dinitrotoluene	14.148	165	55943	40.910	ng	95
52) Acenaphthene	14.636	154	172431	41.051	ng	98
53) 3-Nitroaniline	14.471	138	44478	32.986	ng	99
54) 2,4-Dinitrophenol	14.683	184	19436	25.864	ng	94
55) Dibenzofuran	14.971	168	308311	42.506	ng	99
56) 4-Nitrophenol	14.800	139	79475	82.271	ng	99
57) 2,4-Dinitrotoluene	14.935	165	82597	41.939	ng	# 97
58) Fluorene	15.623	166	253822	41.459	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.200	232	95364m	43.023	ng	
60) Diethylphthalate	15.400	149	259080	40.142	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	149189	39.512	ng	96
62) 4-Nitroaniline	15.640	138	53620	36.879	ng	92
63) Azobenzene	15.911	77	213791	40.725	ng	96
65) 4,6-Dinitro-2-methylph...	15.699	198	19170	15.882	ng	97
66) n-Nitrosodiphenylamine	15.828	169	233944	43.439	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	112173	43.480	ng	94
68) Hexachlorobenzene	16.628	284	136559	47.921	ng	97
69) Atrazine	16.786	200	101423	50.317	ng	94
70) Pentachlorophenol	16.974	266	151491	81.072	ng	96
71) Phenanthrene	17.362	178	436988	43.795	ng	98
72) Anthracene	17.456	178	432805	42.116	ng	98
73) Carbazole	17.720	167	376631	44.129	ng	99
74) Di-n-butylphthalate	18.290	149	433598	41.845	ng	99
75) Fluoranthene	19.377	202	574322	43.371	ng	97
77) Benzidine	19.554	184	201139	57.032	ng	97
78) Pyrene	19.736	202	580807	44.815	ng	98
80) Butylbenzylphthalate	20.635	149	189374	43.839	ng	98
81) Benzo(a)anthracene	21.563	228	612463	45.768	ng	98
82) 3,3'-Dichlorobenzidine	21.481	252	205099	42.409	ng	# 98
83) Chrysene	21.628	228	581386	45.632	ng	99
84) Bis(2-ethylhexyl)phtha...	21.487	149	269791	42.958	ng	99
85) Di-n-octyl phthalate	22.673	149	462666	44.373	ng	99
87) Indeno(1,2,3-cd)pyrene	28.261	276	746719	45.394	ng	# 96
88) Benzo(b)fluoranthene	23.725	252	615214	45.782	ng	99
89) Benzo(k)fluoranthene	23.790	252	625647	46.121	ng	97
90) Benzo(a)pyrene	24.565	252	559754	43.035	ng	# 99
91) Dibenzo(a,h)anthracene	28.331	278	617073	45.914	ng	95
92) Benzo(g,h,i)perylene	29.371	276	526759	39.529	ng	# 98

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



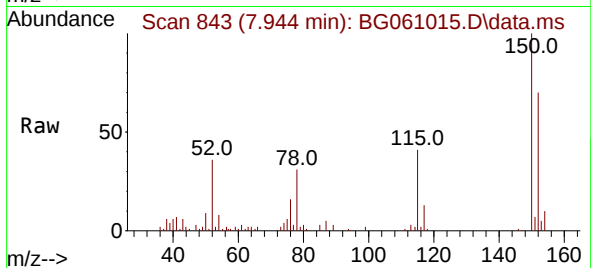
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.944 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

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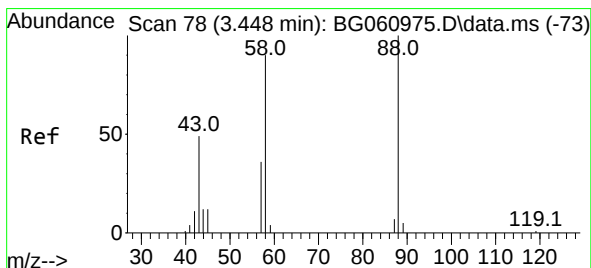
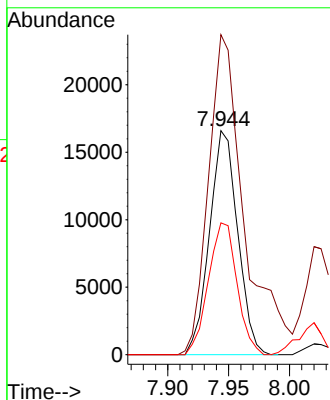
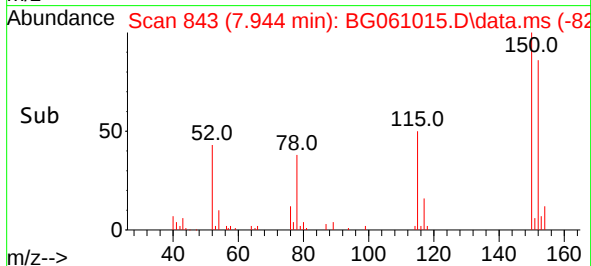
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Ion Ratio Lower Upper
152 100
150 142.8 118.6 178.0
115 58.9 47.4 71.0

Manual Integrations

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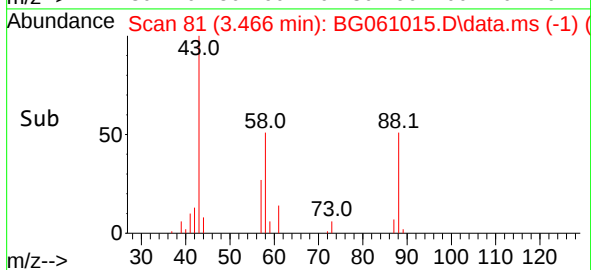
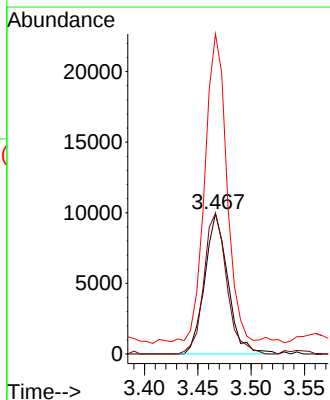
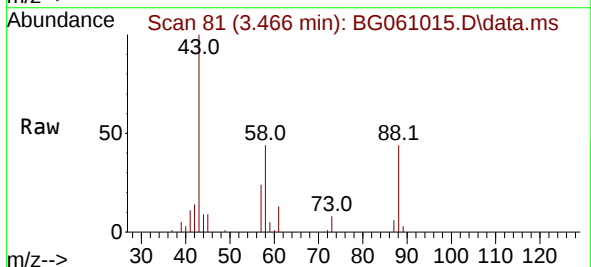
Reviewed By :Yogesh Patel 04/26/2024

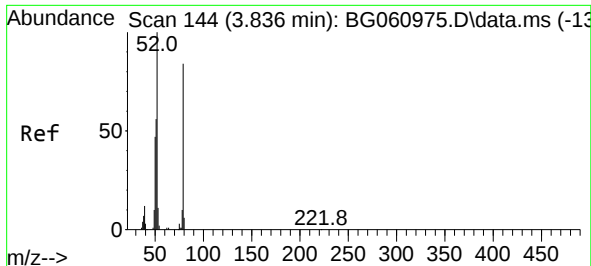
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 32.769 ng
RT: 3.466 min Scan# 81
Delta R.T. 0.018 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion: 88 Resp: 14977
Ion Ratio Lower Upper
88 100
58 98.9 80.2 120.2
43 207.1 43.4 65.0#





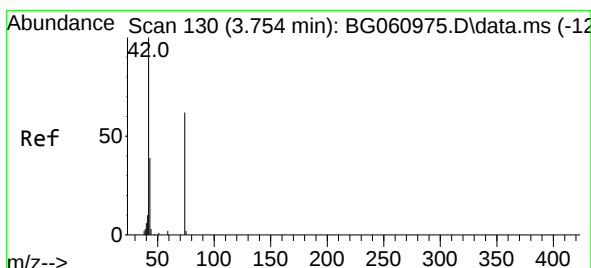
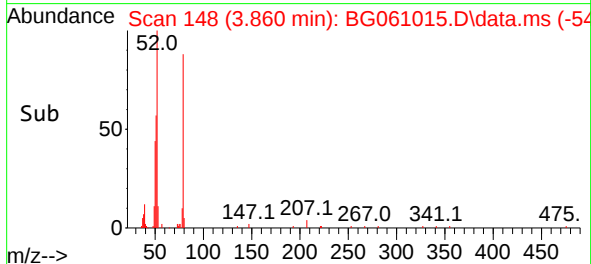
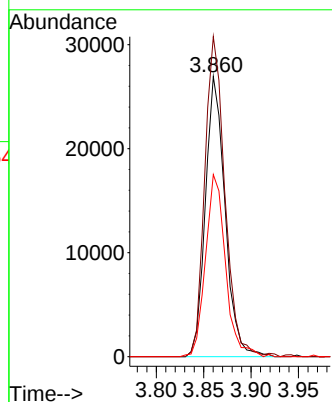
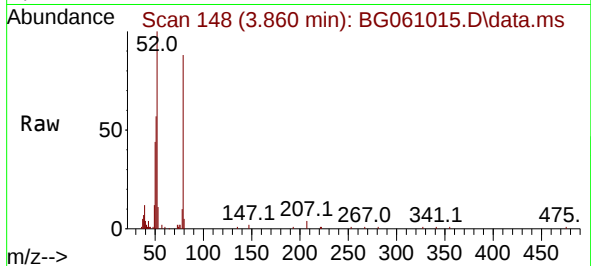
#3
 Pyridine
 Concen: 27.497 ng
 RT: 3.860 min Scan# 144
 Delta R.T. 0.024 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

Tgt Ion: 79 Resp: 3884
 Ion Ratio Lower Upper
 79 100
 52 114.2 95.0 142.6
 51 65.0 53.3 79.9

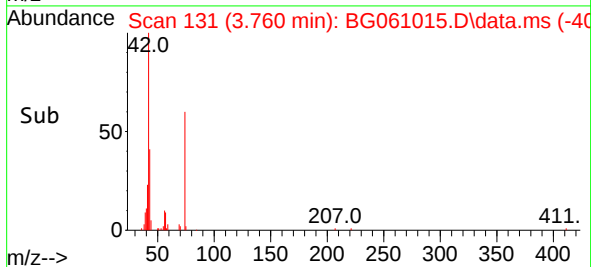
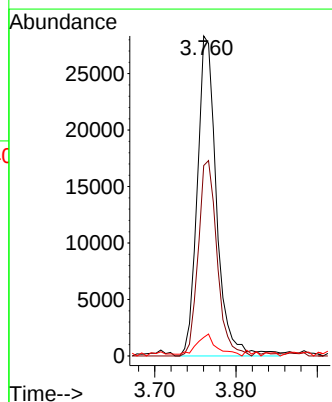
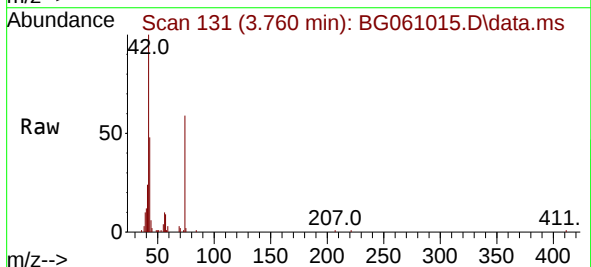
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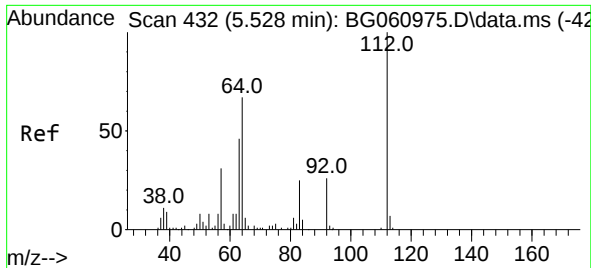
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#4
 n-Nitrosodimethylamine
 Concen: 36.702 ng
 RT: 3.760 min Scan# 131
 Delta R.T. 0.007 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

Tgt Ion: 42 Resp: 46636
 Ion Ratio Lower Upper
 42 100
 74 59.5 49.8 74.6
 44 5.8 3.8 5.6#





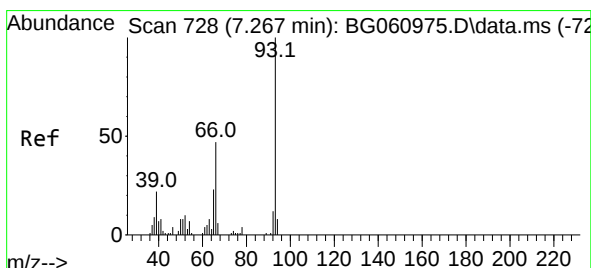
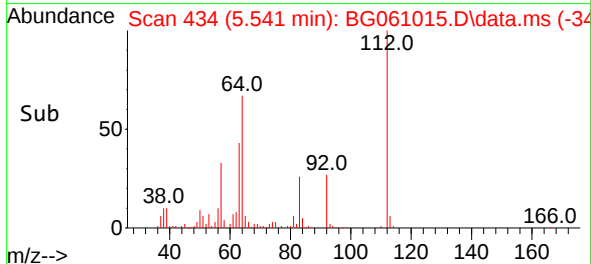
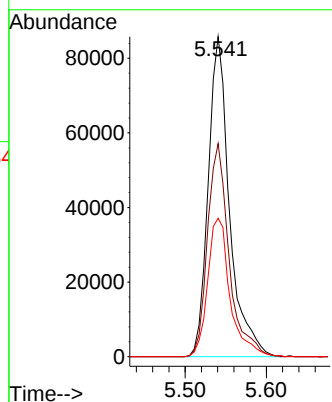
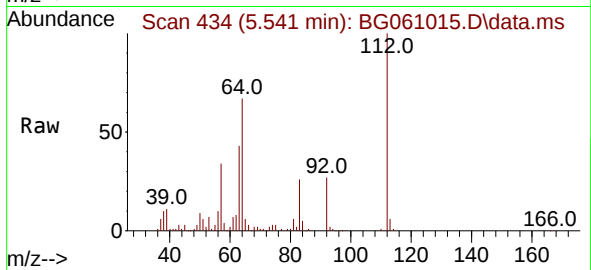
#5
2-Fluorophenol
Concen: 118.111 ng
RT: 5.541 min Scan# 432
Delta R.T. 0.012 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :
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Tgt Ion: 112 Resp: 15598
Ion Ratio Lower Upper
112 100
64 66.6 53.7 80.5
63 43.2 37.0 55.6

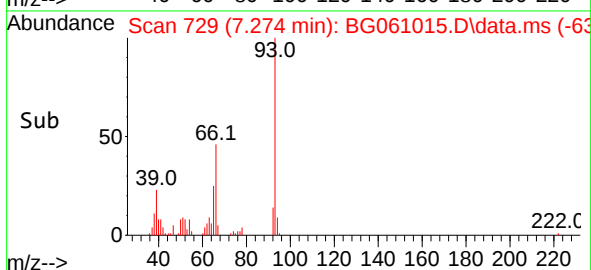
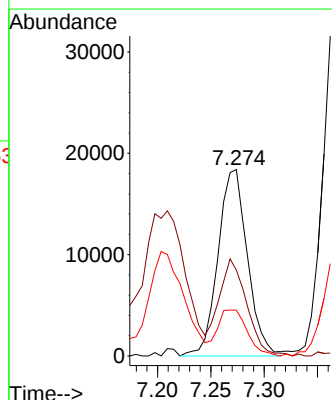
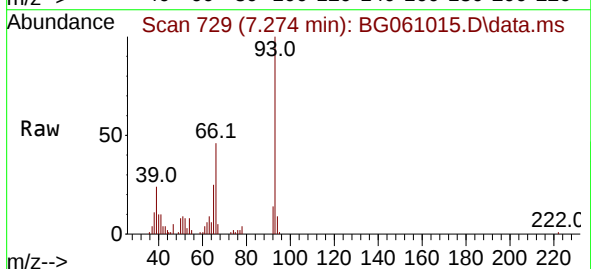
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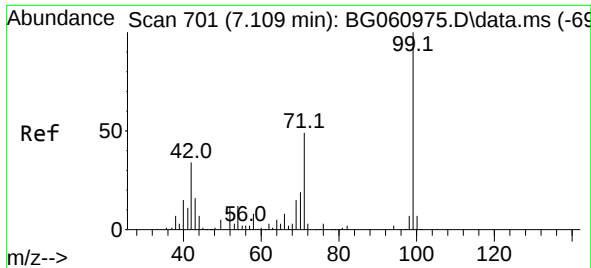
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 14.989 ng
RT: 7.274 min Scan# 729
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion: 93 Resp: 35299
Ion Ratio Lower Upper
93 100
66 46.0 37.9 56.9
65 24.6 18.2 27.4





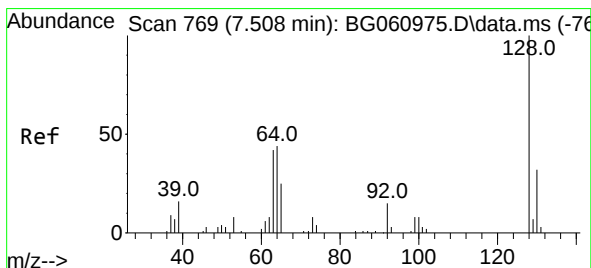
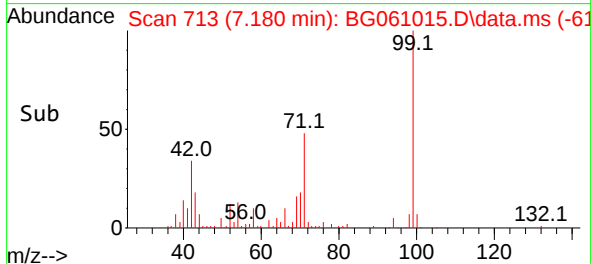
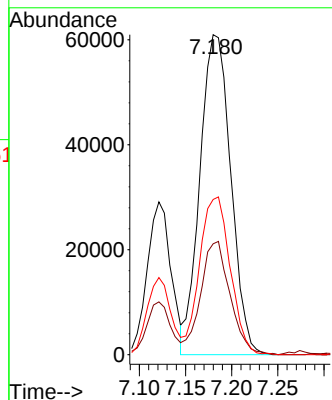
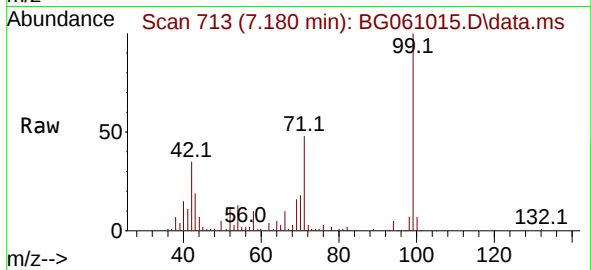
#7
Phenol-d6
Concen: 72.544 ng m
RT: 7.180 min Scan# 71
Delta R.T. 0.071 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :
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Tgt Ion: 99 Resp: 14214
Ion Ratio Lower Upper
99 100
42 34.7 27.2 40.8
71 48.5 38.8 58.2

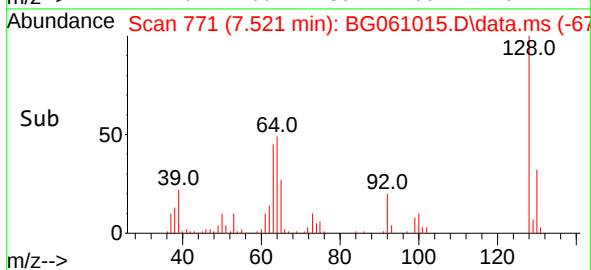
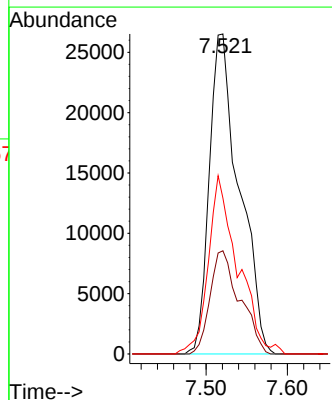
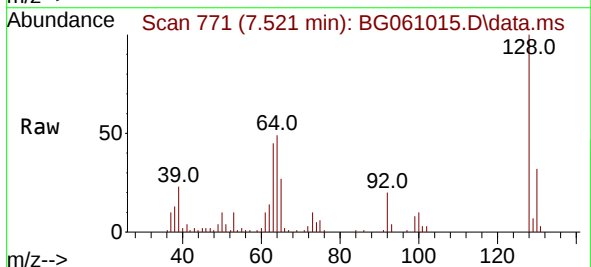
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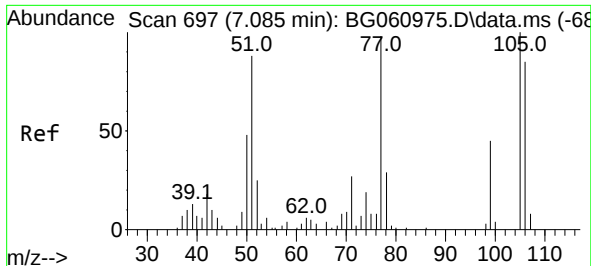
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 41.291 ng
RT: 7.521 min Scan# 771
Delta R.T. 0.012 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:128 Resp: 67944
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 48.7 30.8 70.8





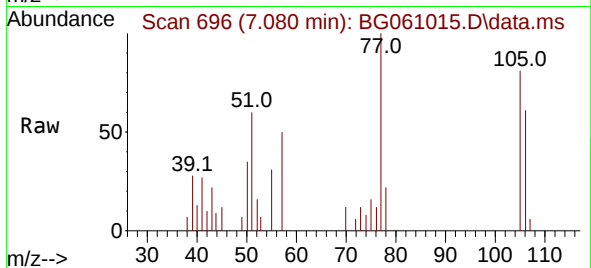
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Benzaldehyde
Concen: 3.914 ng
RT: 7.080 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

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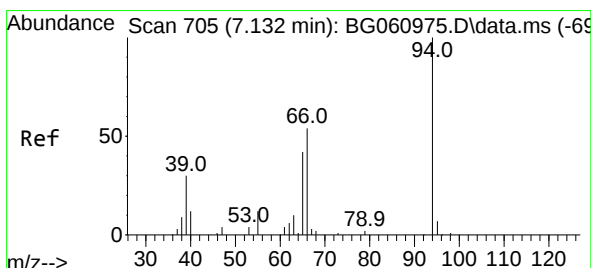
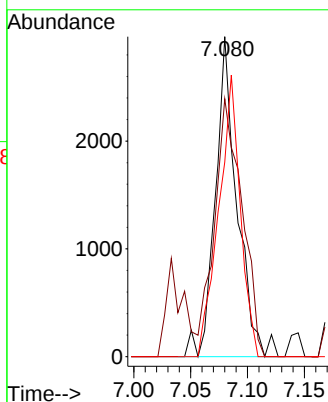
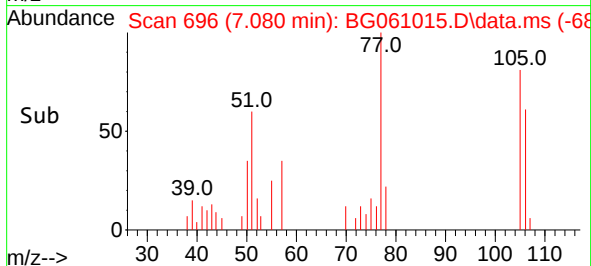
Tgt Ion: 77 Resp: 3945
Ion Ratio Lower Upper
77 100
105 80.6 81.7 121.7
106 60.8 66.7 106.7

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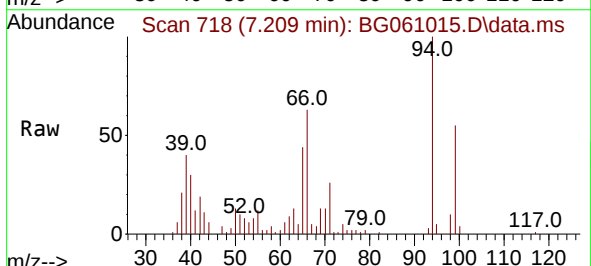
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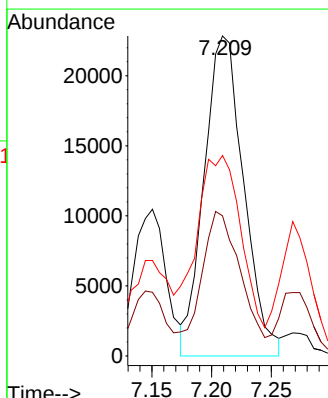
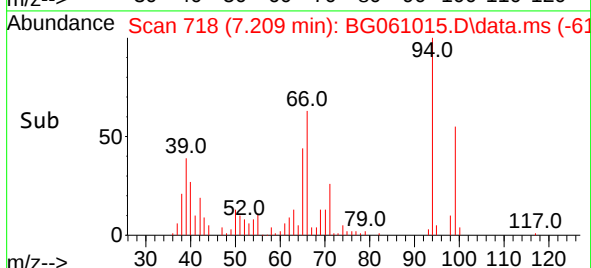
Supervised By :mohammad ahmed 04/27/2024

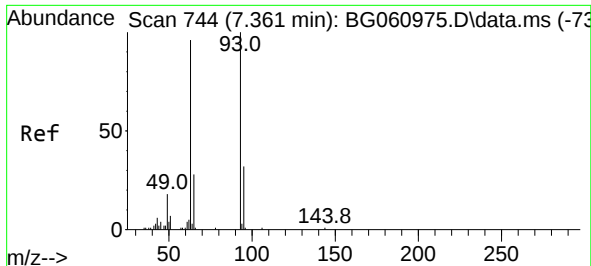


#10
Phenol
Concen: 27.048 ng m
RT: 7.209 min Scan# 718
Delta R.T. 0.077 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion: 94 Resp: 52656
Ion Ratio Lower Upper
94 100
65 43.8 23.1 63.1
66 62.7 38.0 78.0





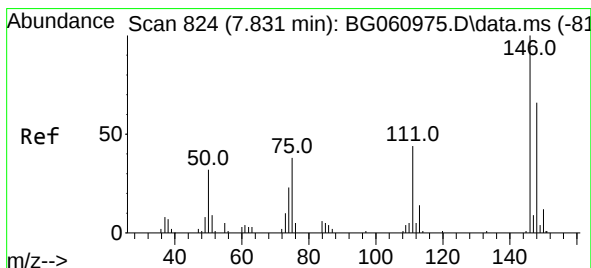
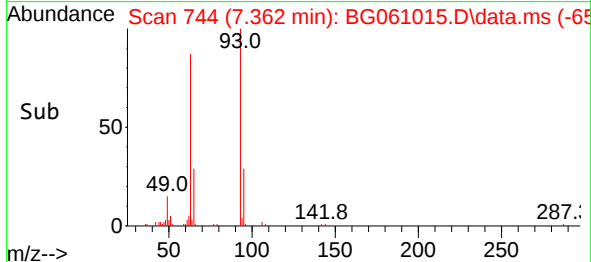
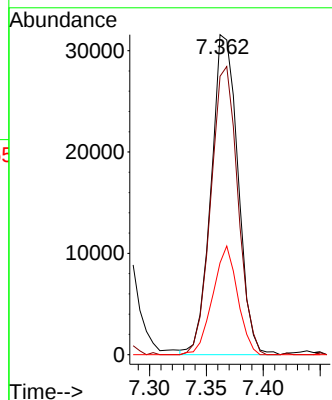
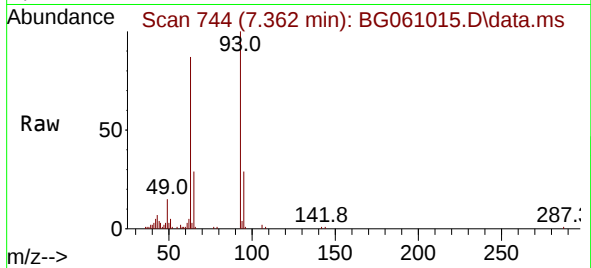
#11
bis(2-Chloroethyl)ether
Concen: 37.229 ng
RT: 7.362 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :
BNA_G
Client Sample Id :
SILICAMS

Tgt Ion: 93 Resp: 5185
Ion Ratio Lower Upper
93 100
63 87.0 75.6 115.6
95 28.7 12.1 52.1

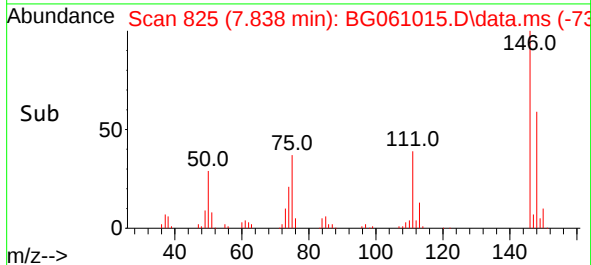
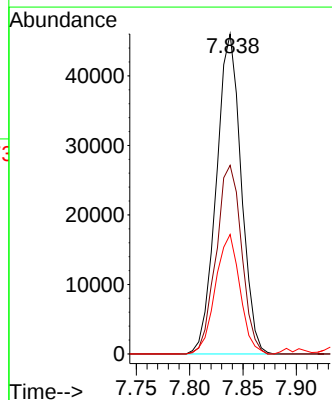
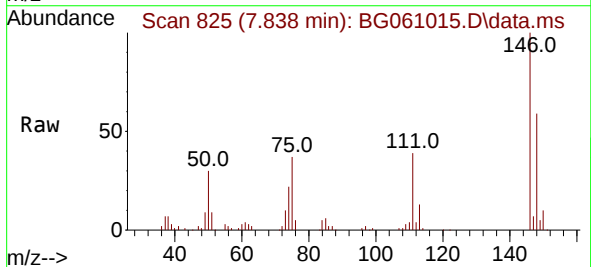
Manual Integrations
APPROVED

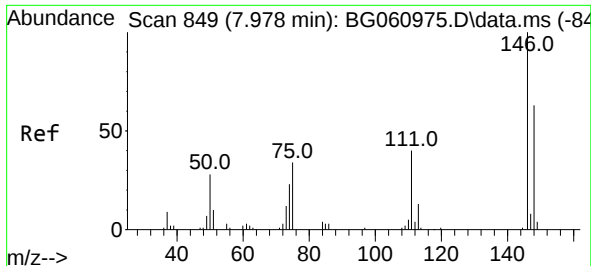
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 40.891 ng
RT: 7.838 min Scan# 825
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:146 Resp: 74617
Ion Ratio Lower Upper
146 100
148 59.0 52.7 79.1
75 37.3 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 40.213 ng

RT: 7.979 min Scan# 849

Delta R.T. 0.001 min

Lab File: BG061015.D

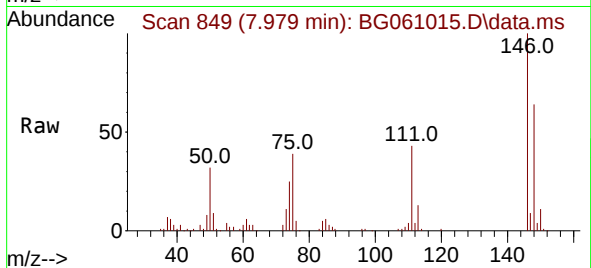
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS



Tgt Ion:146 Resp: 7558

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

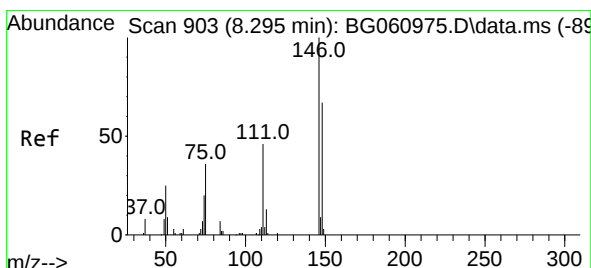
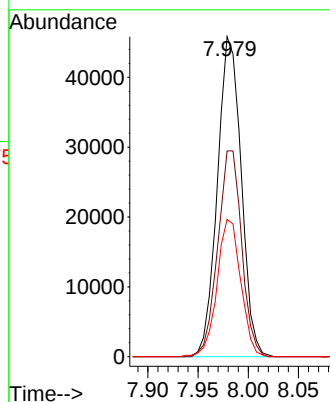
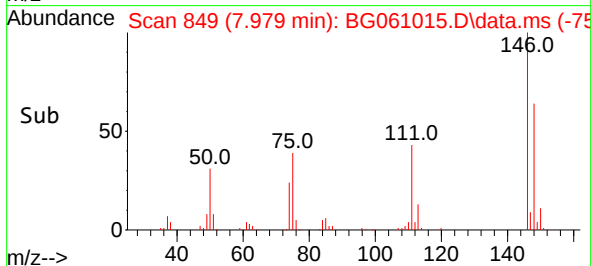
111 42.9 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#14

1,2-Dichlorobenzene

Concen: 39.340 ng

RT: 8.296 min Scan# 903

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

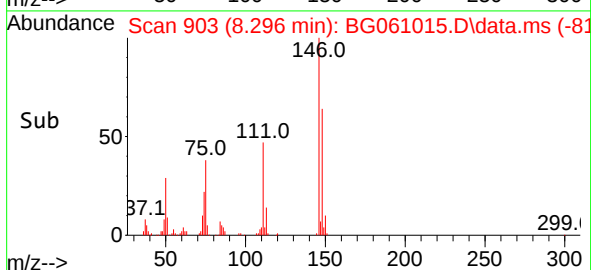
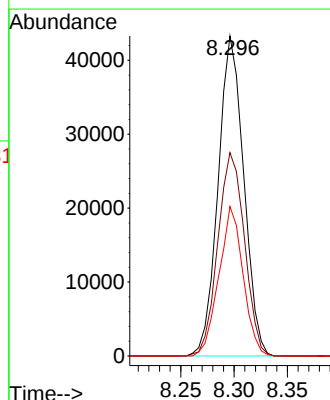
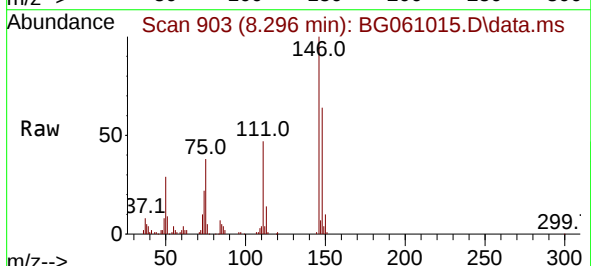
Tgt Ion:146 Resp: 72264

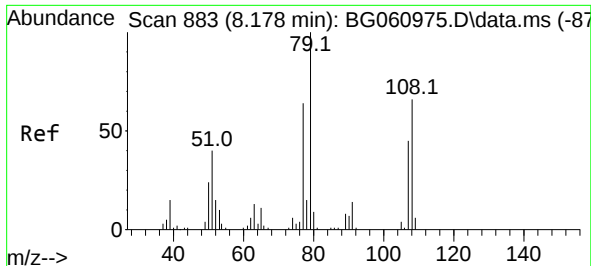
Ion Ratio Lower Upper

146 100

148 63.6 53.8 80.8

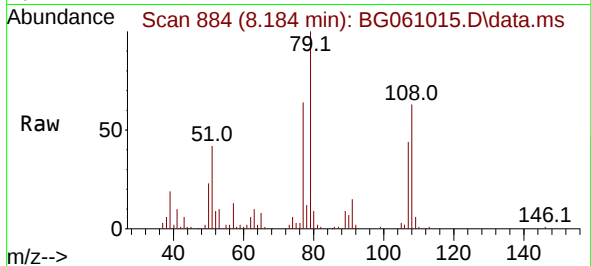
111 46.7 38.2 57.2





#15
Benzyl Alcohol
Concen: 37.674 ng
RT: 8.184 min Scan# 883
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

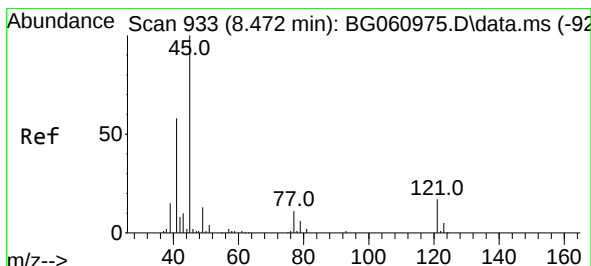
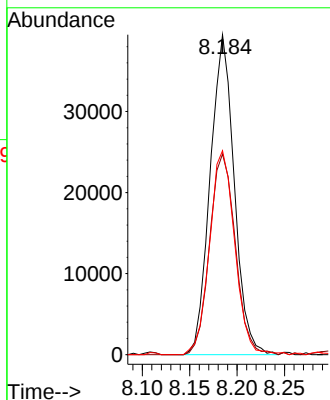
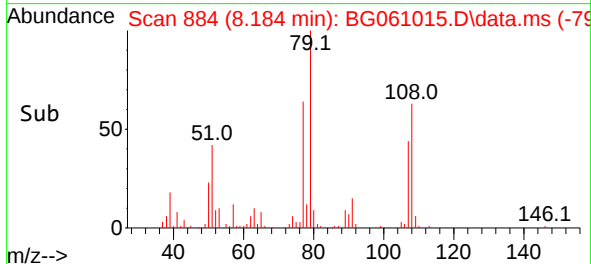
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion: 79 Resp: 69700
Ion Ratio Lower Upper
79 100
108 62.7 53.0 79.6
77 63.8 51.4 77.0

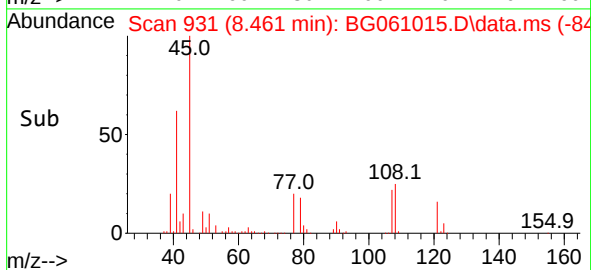
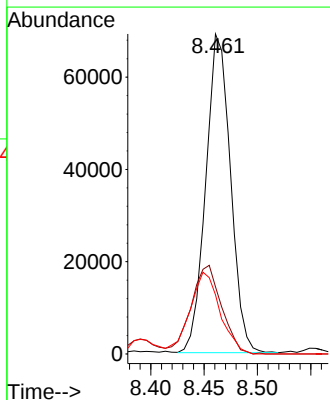
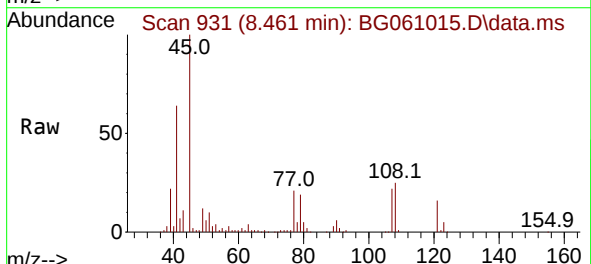
Manual Integrations
APPROVED

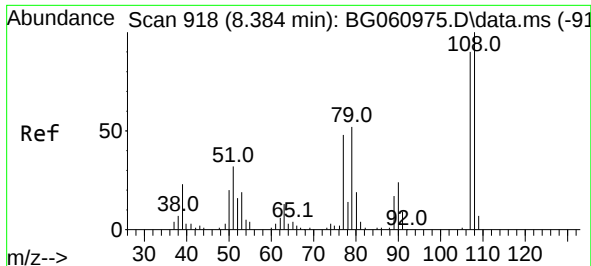
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.741 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.011 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

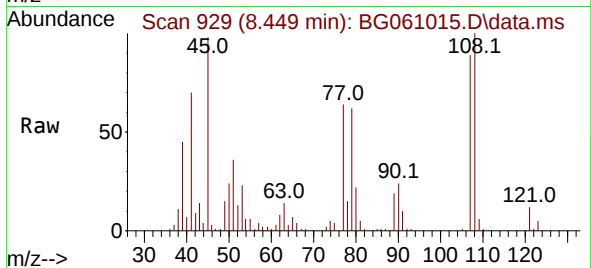
Tgt Ion: 45 Resp: 111399
Ion Ratio Lower Upper
45 100
77 21.0 0.0 30.6
79 18.5 0.0 26.6





#17
2-Methylphenol
Concen: 29.756 ng m
RT: 8.449 min Scan# 918
Delta R.T. 0.065 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

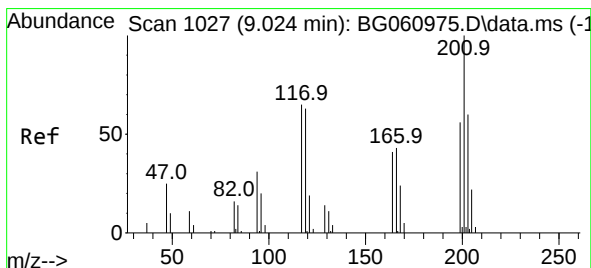
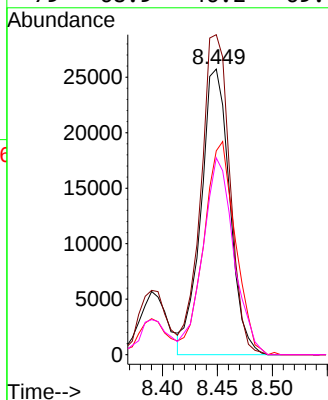
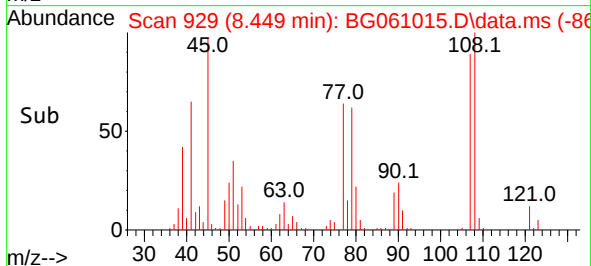
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:107 Resp: 46774
Ion Ratio Lower Upper
107 100
108 112.1 89.2 133.8
77 71.4 43.0 64.6
79 68.9 46.2 69.4

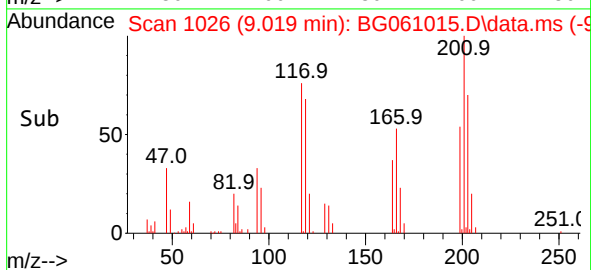
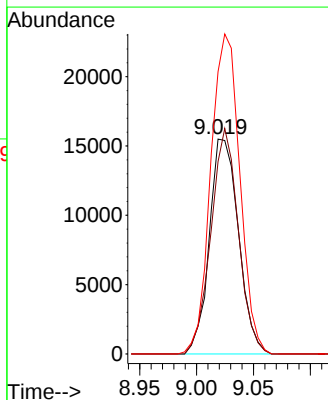
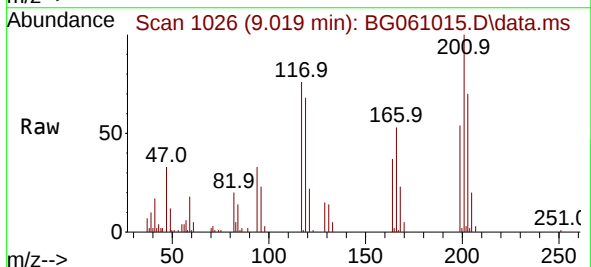
Manual Integrations
APPROVED

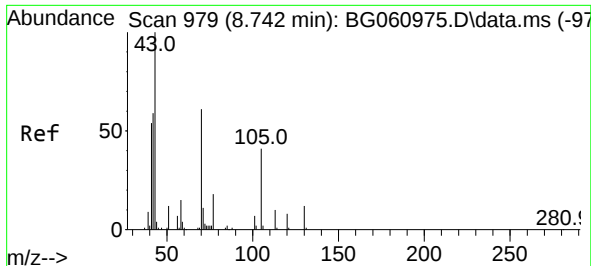
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 40.847 ng
RT: 9.019 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:117 Resp: 27665
Ion Ratio Lower Upper
117 100
119 89.5 79.8 119.8
201 131.3 124.0 186.0





#19

n-Nitroso-di-n-propylamine

Concen: 33.203 ng

RT: 8.743 min Scan# 91

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

Tgt Ion: 70 Resp: 4848

Ion Ratio Lower Upper

70 100

42 95.8 78.0 117.0

101 8.8 8.6 13.0

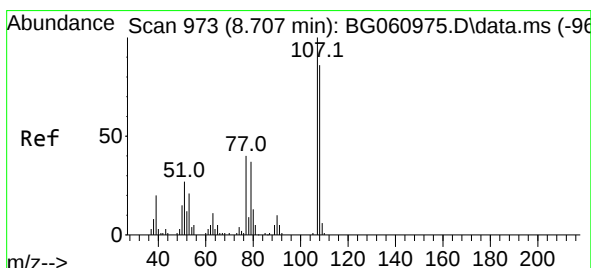
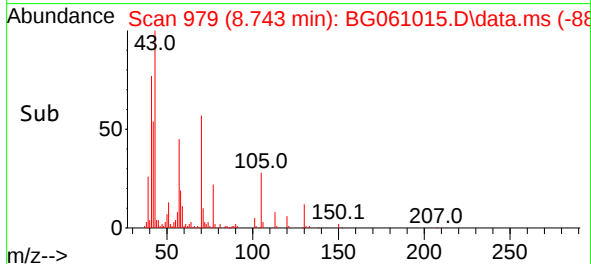
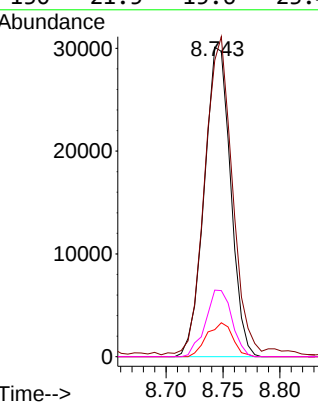
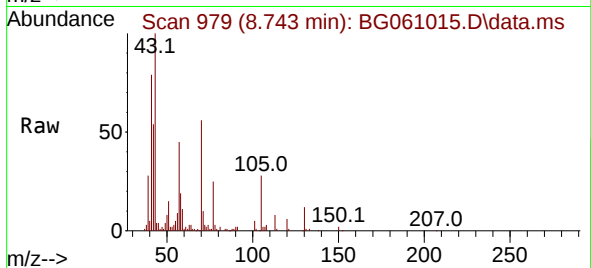
130 21.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#20

3+4-Methylphenols

Concen: 32.346 ng m

RT: 8.790 min Scan# 987

Delta R.T. 0.083 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Tgt Ion:107 Resp: 71109

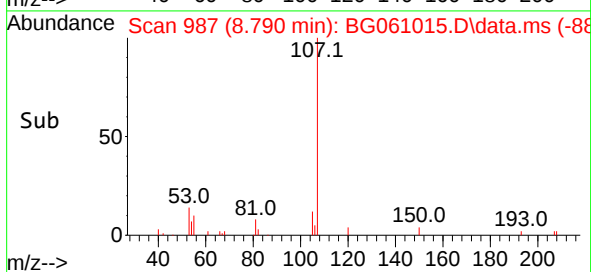
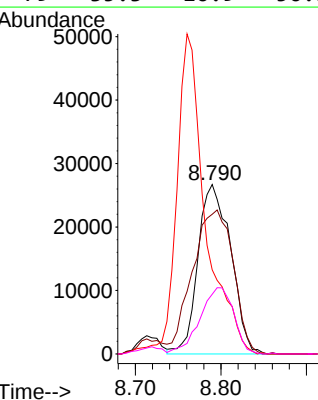
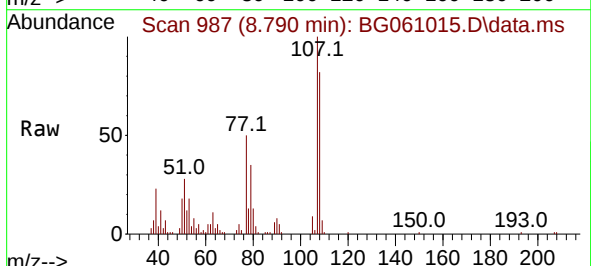
Ion Ratio Lower Upper

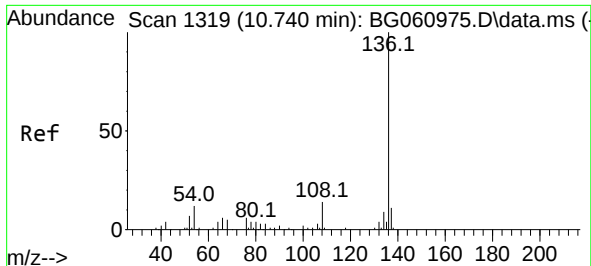
107 100

108 82.4 66.5 106.5

77 49.7 19.9 59.9

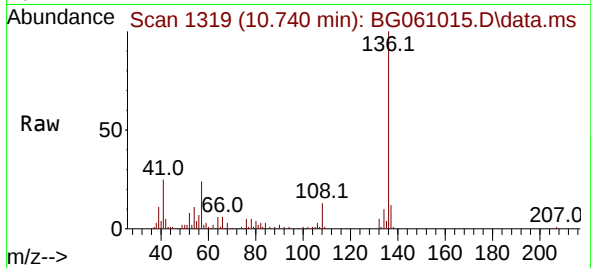
79 35.3 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

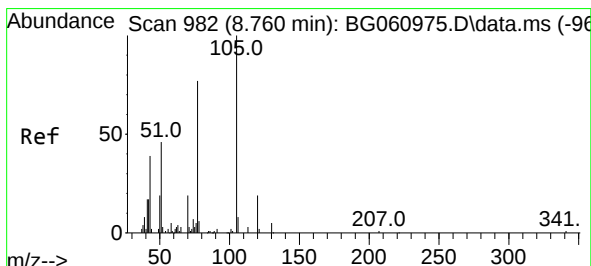
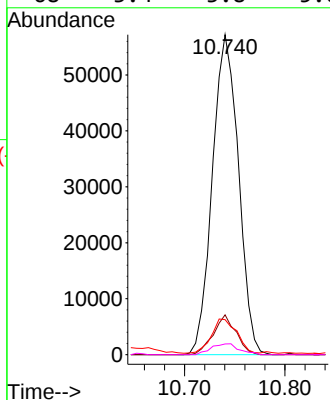
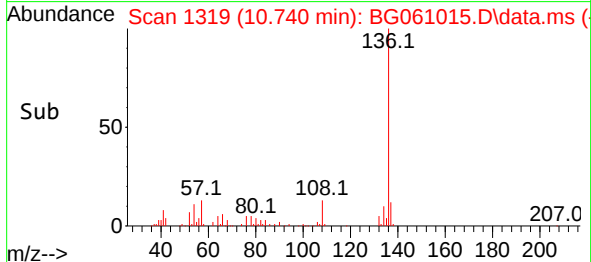
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:	136	Resp:	103162
Ion Ratio	Lower	Upper	
136	100		
137	12.5	8.5	12.7
54	11.0	9.4	14.0
68	3.4	3.8	5.6

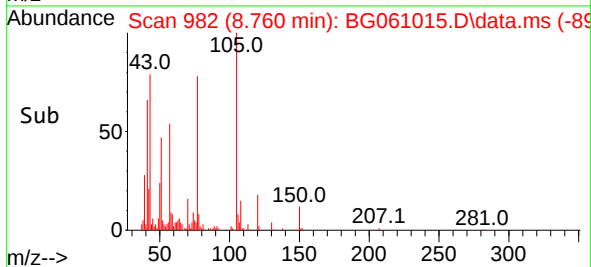
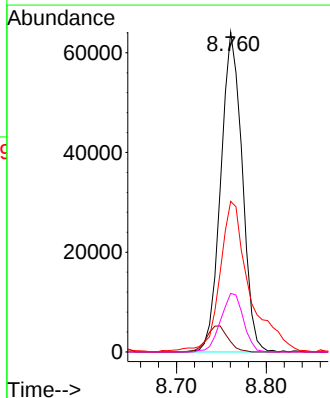
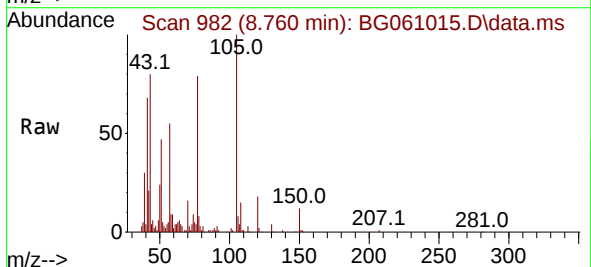
Manual Integrations
APPROVED

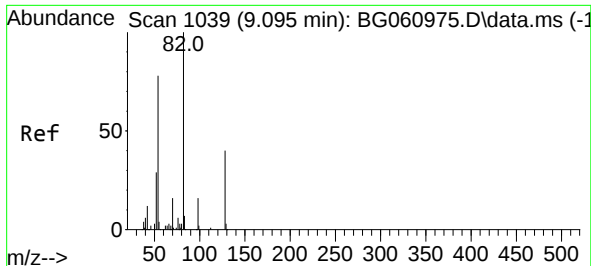
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 36.863 ng
RT: 8.760 min Scan# 982
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

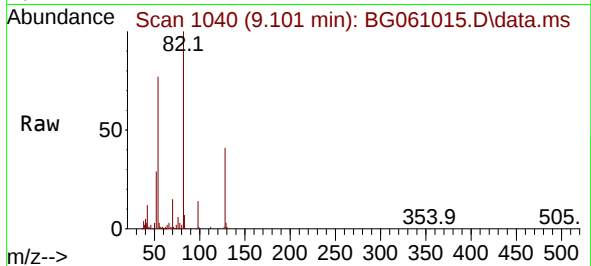
Tgt Ion:	105	Resp:	106188
Ion Ratio	Lower	Upper	
105	100		
71	3.2	2.5	3.7
51	47.1	37.8	56.6
120	18.3	15.2	22.8





#23
Nitrobenzene-d5
Concen: 69.444 ng
RT: 9.101 min Scan# 1040
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

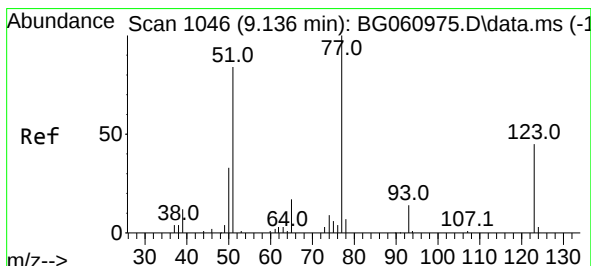
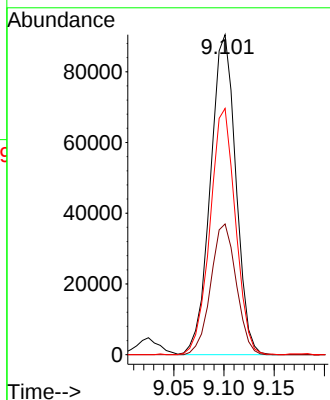
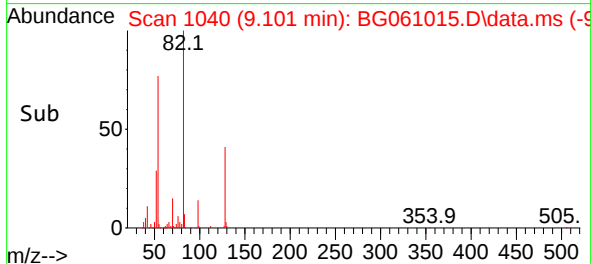
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion: 82 Resp: 15945
Ion Ratio Lower Upper
82 100
128 40.8 32.1 48.1
54 76.9 62.3 93.5

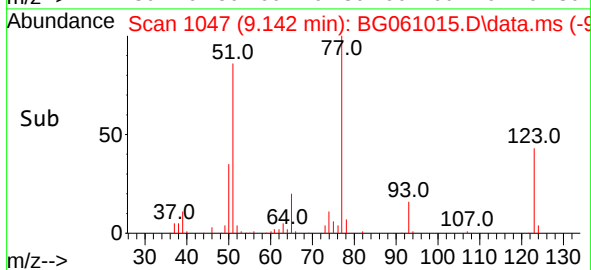
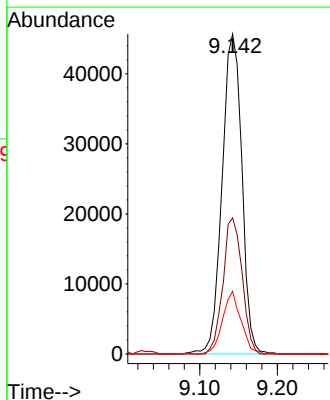
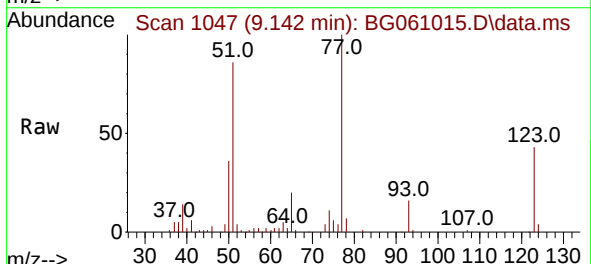
Manual Integrations
APPROVED

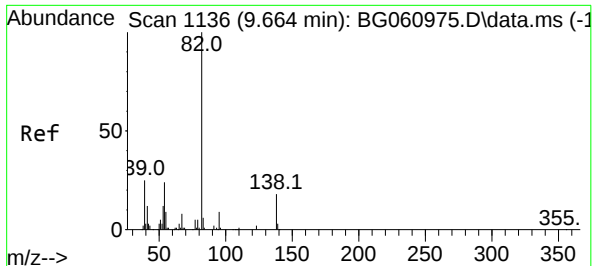
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Nitrobenzene
Concen: 36.660 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.006 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

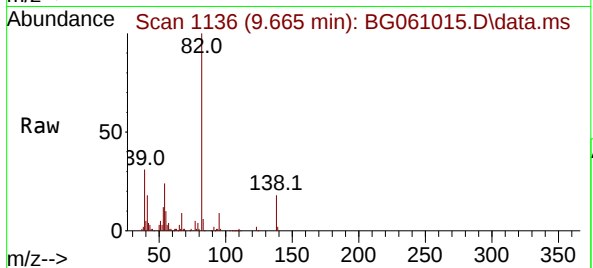
Tgt Ion: 77 Resp: 80886
Ion Ratio Lower Upper
77 100
123 42.6 35.9 53.9
65 19.6 13.3 19.9





#25
Isophorone
Concen: 36.359 ng
RT: 9.665 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

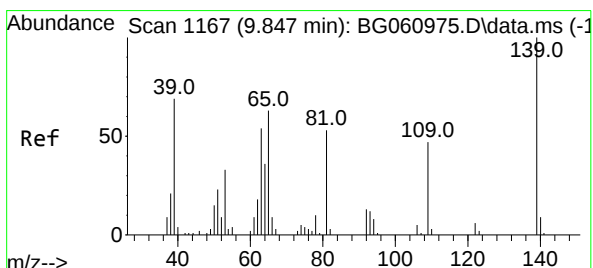
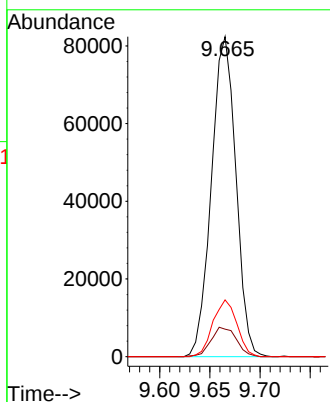
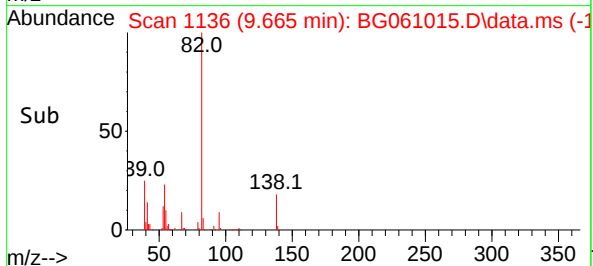
Instrument :
BNA_G
ClientSampleId :
SILICAMS



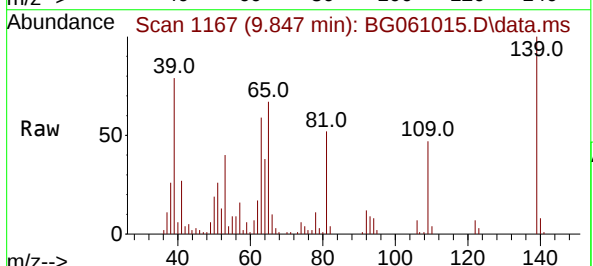
Tgt Ion: 82 Resp: 139715
Ion Ratio Lower Upper
82 100
95 8.6 7.6 11.4
138 17.8 14.2 21.2

Manual Integrations
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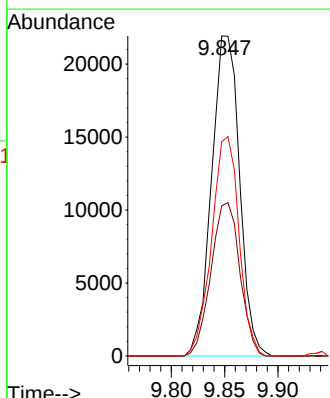
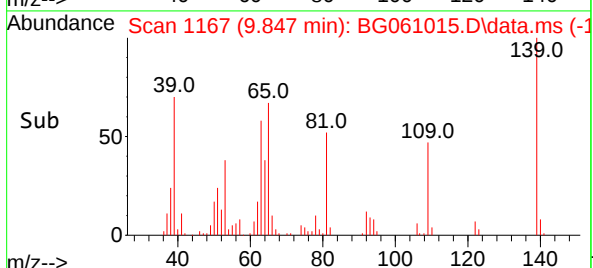
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 38.538 ng
RT: 9.847 min Scan# 1167
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:139 Resp: 39962
Ion Ratio Lower Upper
139 100
109 46.9 37.4 56.2
65 67.0 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 30.666 ng

RT: 9.988 min Scan# 1191

Delta R.T. 0.077 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

Tgt Ion:122 Resp: 50970

Ion Ratio Lower Upper

122 100

107 124.3 98.7 148.1

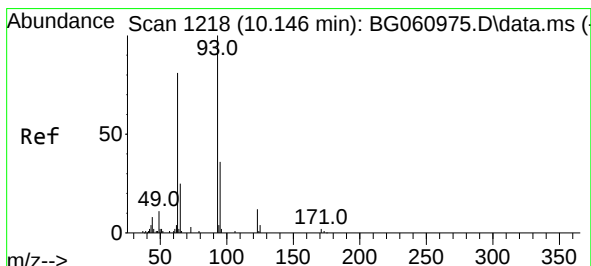
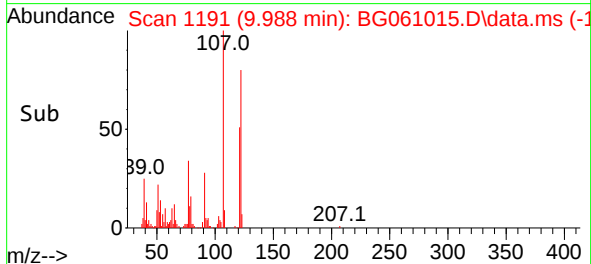
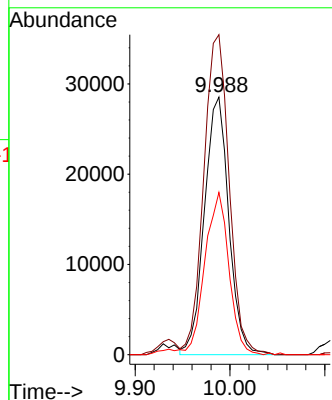
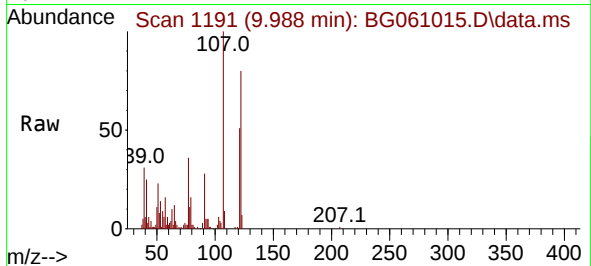
121 63.0 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.065 ng

RT: 10.147 min Scan# 1218

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

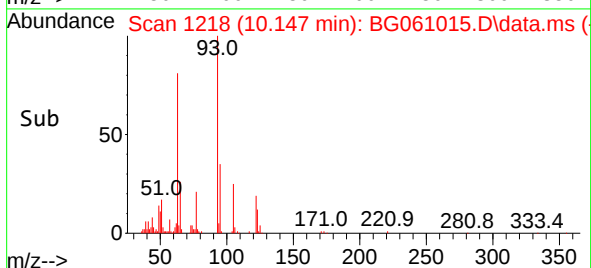
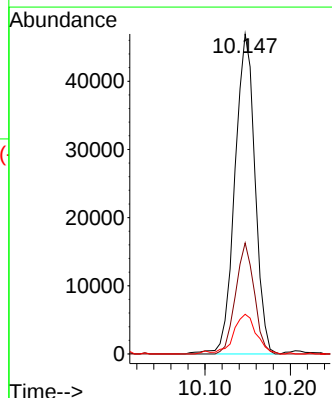
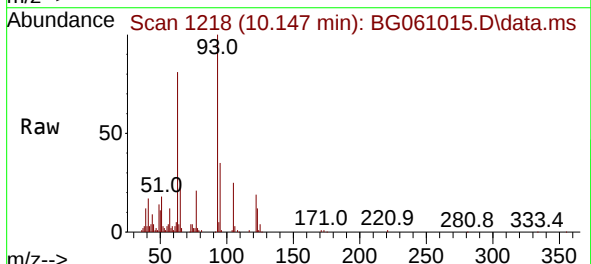
Tgt Ion: 93 Resp: 76945

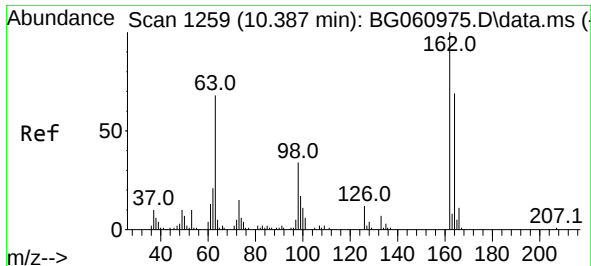
Ion Ratio Lower Upper

93 100

95 34.7 28.8 43.2

123 12.4 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 41.252 ng

RT: 10.488 min Scan# 1276

Delta R.T. 0.101 min

Lab File: BG061015.D

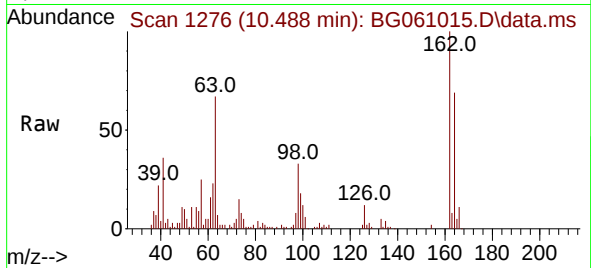
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS



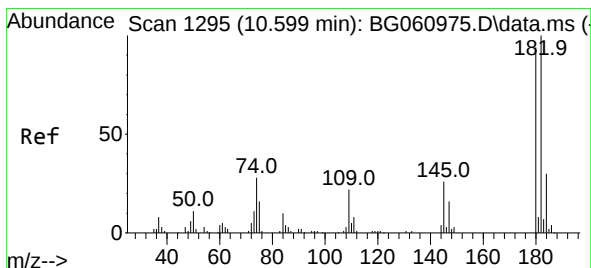
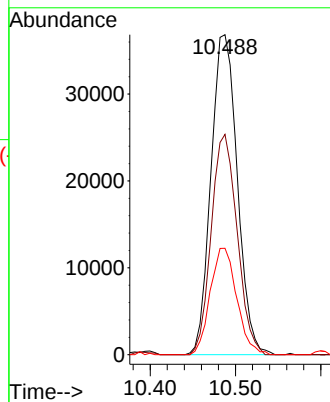
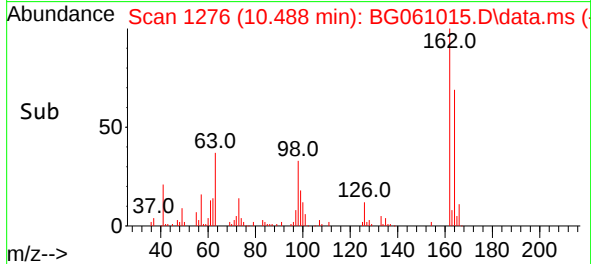
Tgt Ion:	162	Resp:	7913
Ion Ratio	Lower	Upper	
162	100		
164	68.8	49.0	89.0
98	33.3	14.3	54.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.836 ng

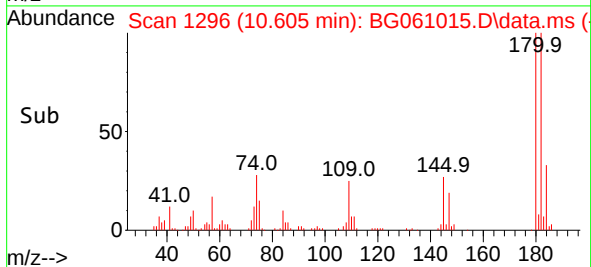
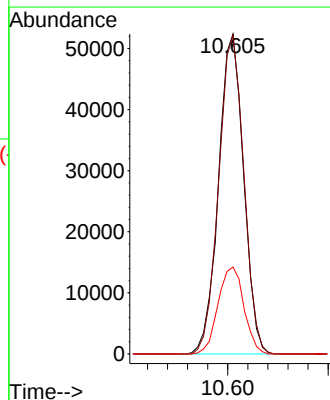
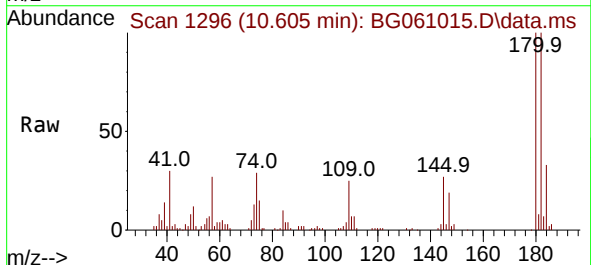
RT: 10.605 min Scan# 1296

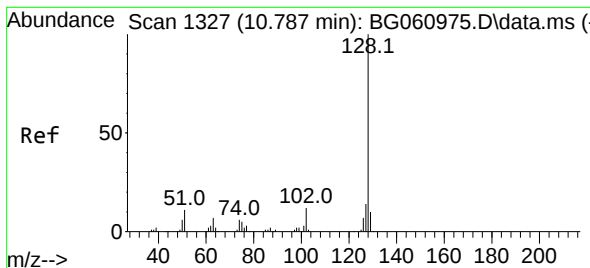
Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

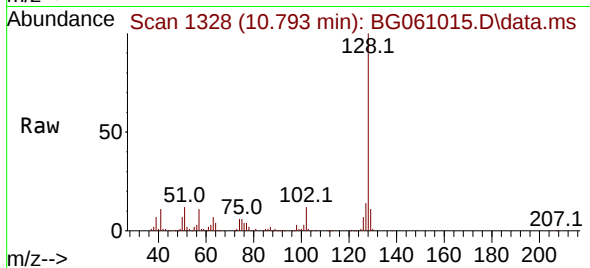
Tgt Ion:	180	Resp:	90664
Ion Ratio	Lower	Upper	
180	100		
182	99.6	85.4	128.2
145	27.2	22.6	33.8





#31
Naphthalene
Concen: 38.997 ng
RT: 10.793 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

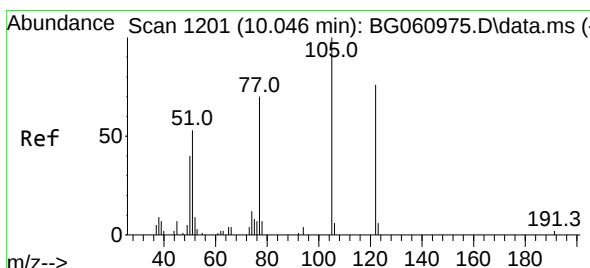
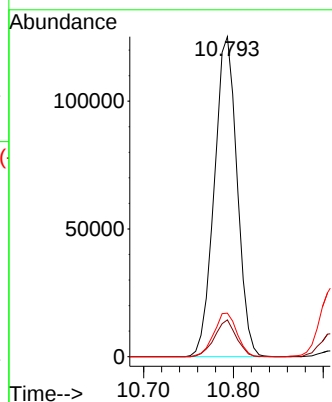
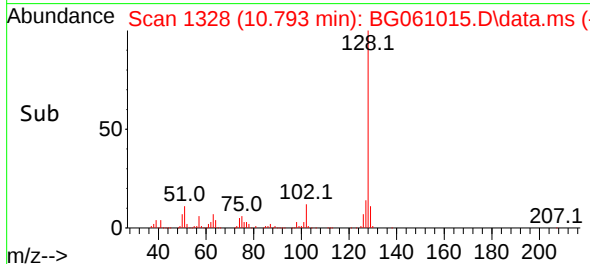
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:128 Resp: 22024
Ion Ratio Lower Upper
128 100
129 11.5 8.2 12.4
127 13.6 11.4 17.2

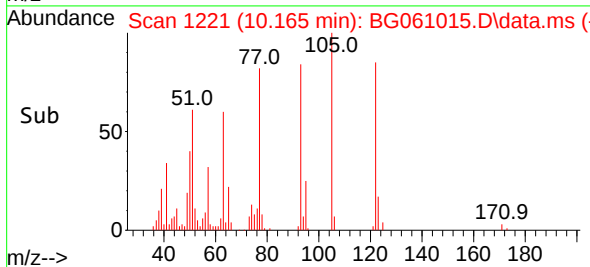
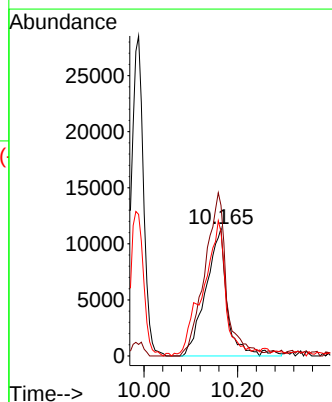
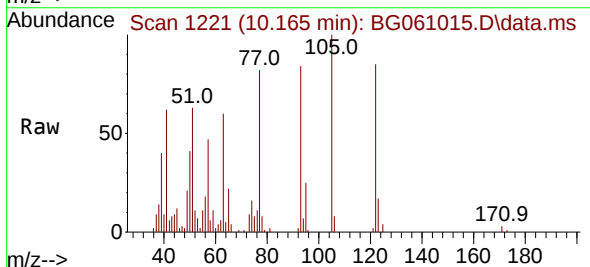
Manual Integrations
APPROVED

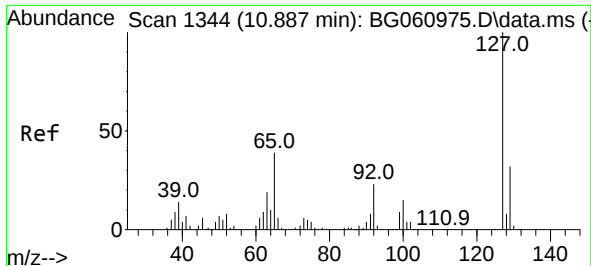
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 28.373 ng m
RT: 10.165 min Scan# 1221
Delta R.T. 0.118 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:122 Resp: 35932
Ion Ratio Lower Upper
122 100
105 118.2 106.2 146.2
77 97.4 70.1 110.1





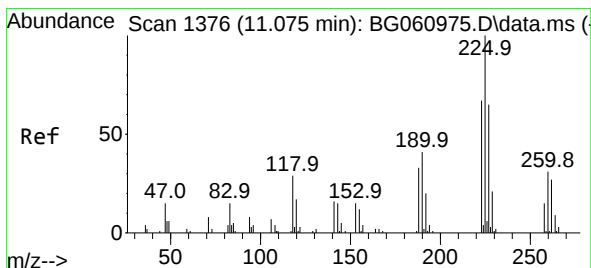
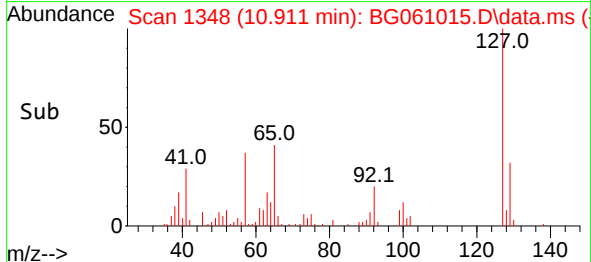
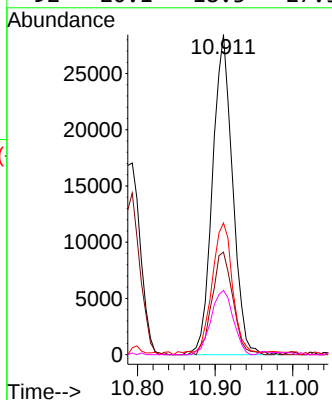
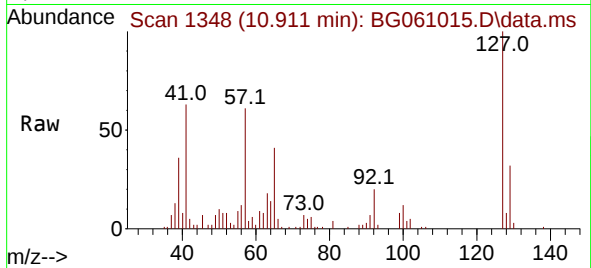
#33
4-Chloroaniline
Concen: 20.021 ng
RT: 10.911 min Scan# 1348
Delta R.T. 0.024 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :
BNA_G
ClientSampleId :
SILICAMS

Tgt Ion:127	Resp: 5136
Ion Ratio	Lower Upper
127 100	
129 32.0	25.7 38.5
65 41.1	31.4 47.0
92 20.1	18.3 27.5

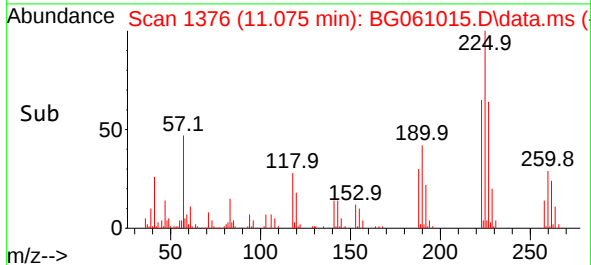
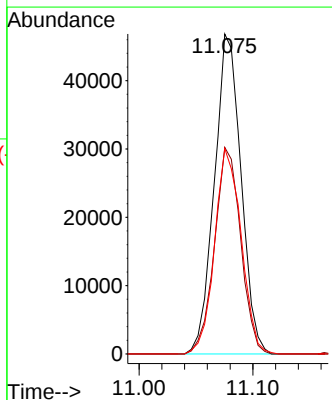
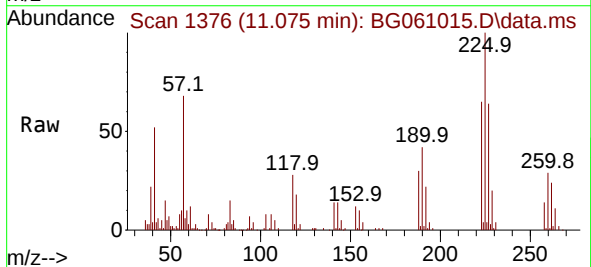
Manual Integrations
APPROVED

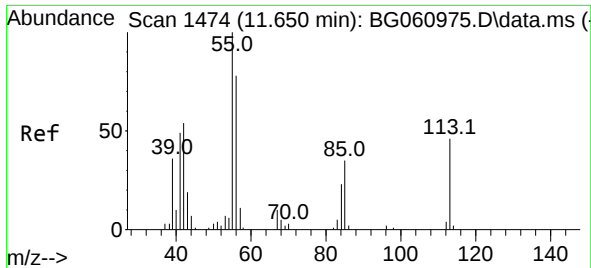
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 41.029 ng
RT: 11.075 min Scan# 1376
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:225	Resp: 76370
Ion Ratio	Lower Upper
225 100	
223 64.5	53.2 79.8
227 64.2	51.9 77.9





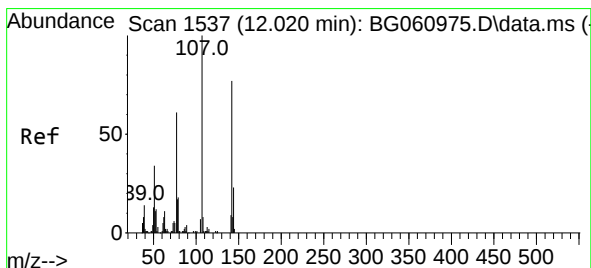
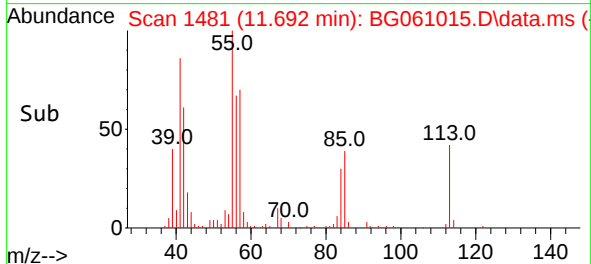
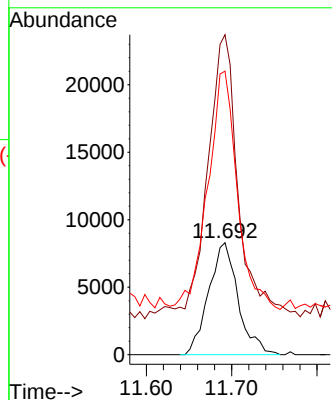
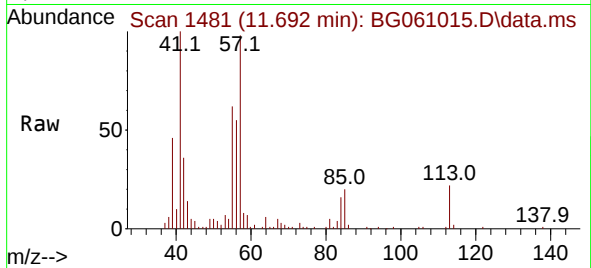
#35
 Caprolactam
 Concen: 32.644 ng
 RT: 11.692 min Scan# 1474
 Delta R.T. 0.042 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

Tgt Ion:113 Resp: 19940
 Ion Ratio Lower Upper
 113 100
 55 285.5 197.9 237.9
 56 253.0 151.1 191.1

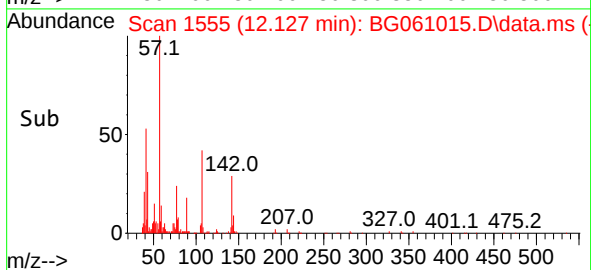
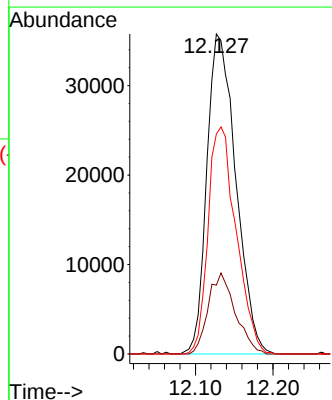
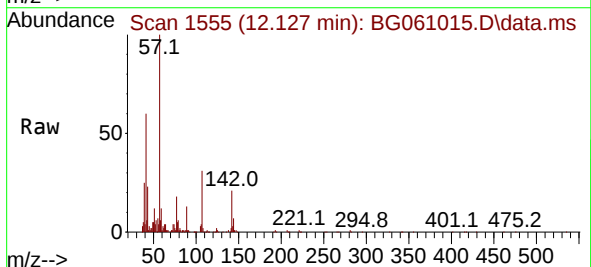
Manual Integrations
 APPROVED

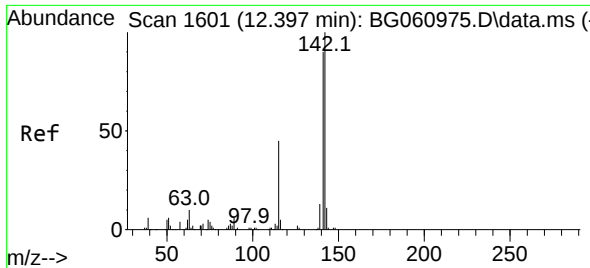
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#36
 4-Chloro-3-methylphenol
 Concen: 41.598 ng
 RT: 12.127 min Scan# 1555
 Delta R.T. 0.106 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

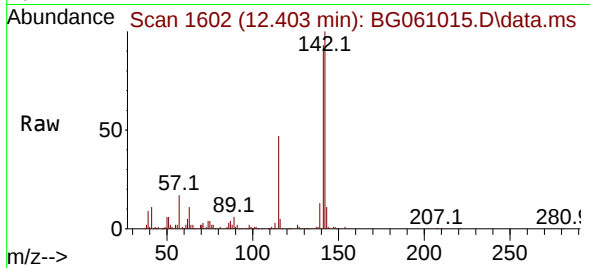
Tgt Ion:107 Resp: 93067
 Ion Ratio Lower Upper
 107 100
 144 21.5 18.5 27.7
 142 68.7 61.4 92.0





#37
2-Methylnaphthalene
Concen: 37.047 ng
RT: 12.403 min Scan# 1602
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

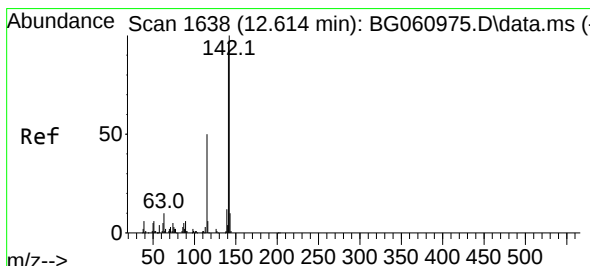
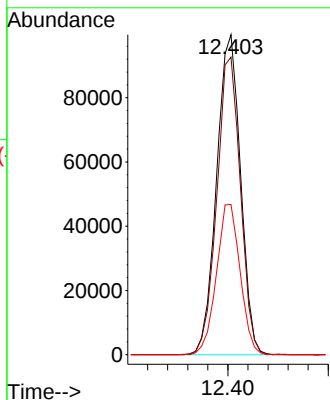
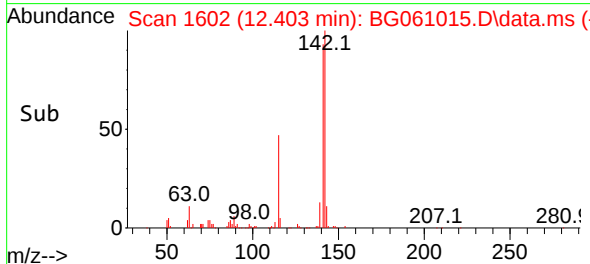
Instrument :
BNA_G
ClientSampleId :
SILICAMS



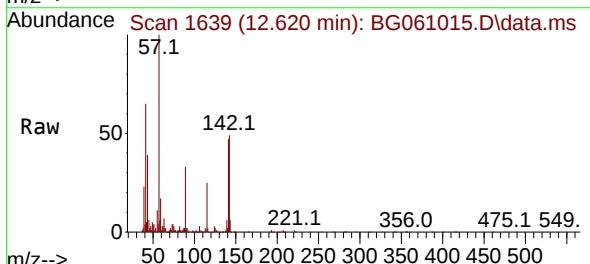
Tgt Ion:142 Resp: 164514
Ion Ratio Lower Upper
142 100
141 93.0 72.2 108.4
115 47.0 35.9 53.9

Manual Integrations
APPROVED

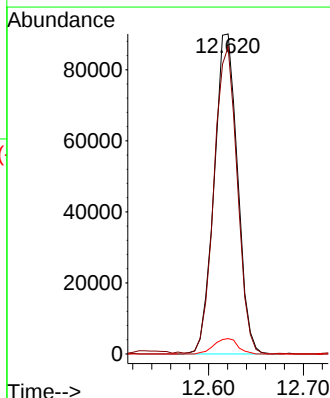
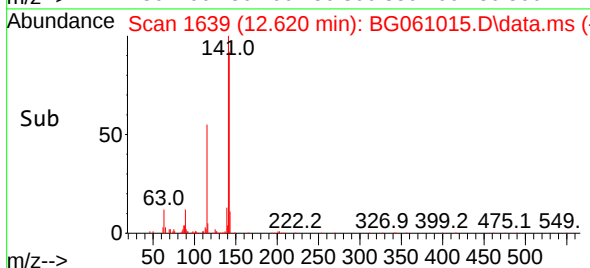
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

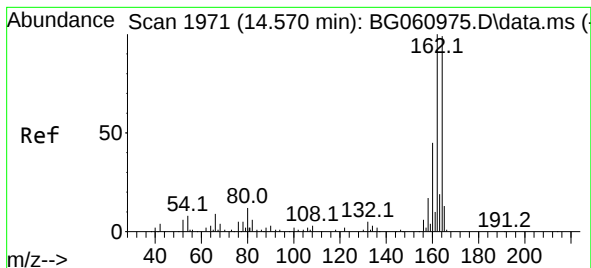


#38
1-Methylnaphthalene
Concen: 37.313 ng
RT: 12.620 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:142 Resp: 154622
Ion Ratio Lower Upper
142 100
141 96.0 76.8 115.2
116 4.8 4.4 6.6





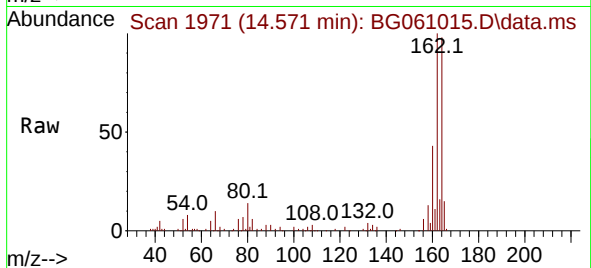
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1971
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

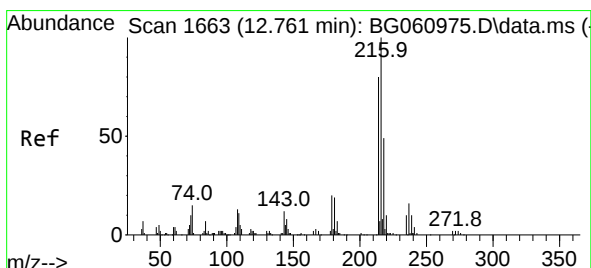
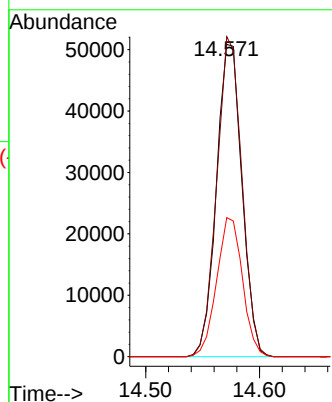
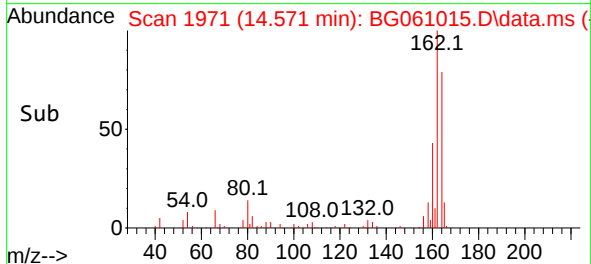


Tgt Ion:164 Resp: 79470
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 44.5 36.2 54.2

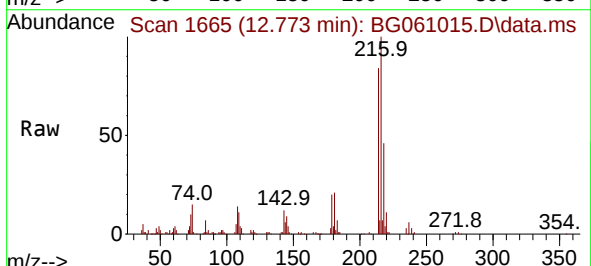
Manual Integrations

APPROVED

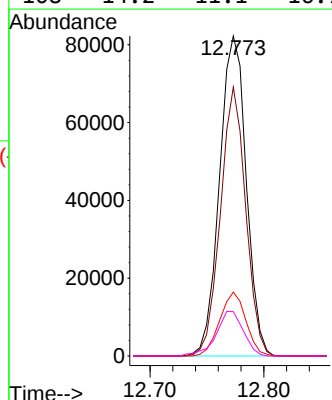
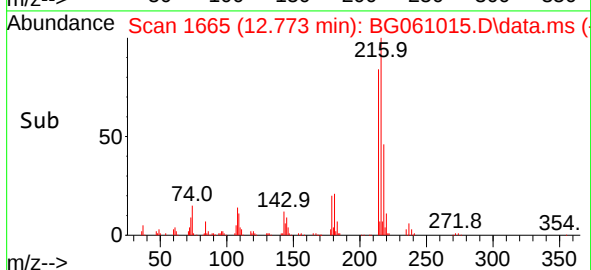
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

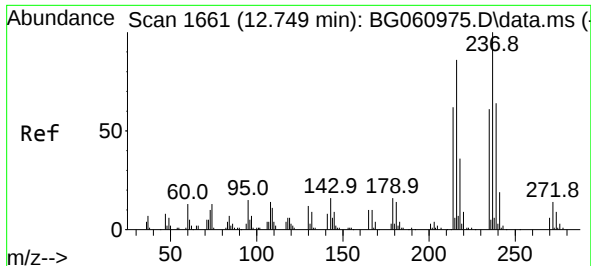


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.566 ng
RT: 12.773 min Scan# 1665
Delta R.T. 0.012 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



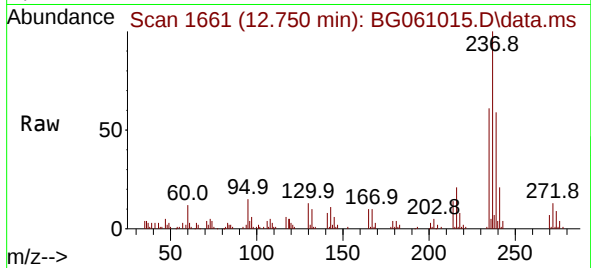
Tgt Ion:216 Resp: 134343
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 19.5 15.2 22.8
108 14.2 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 35.653 ng
RT: 12.750 min Scan# 1661
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

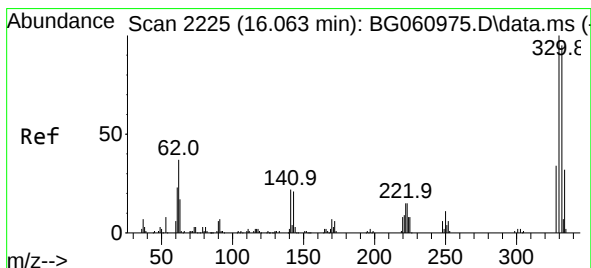
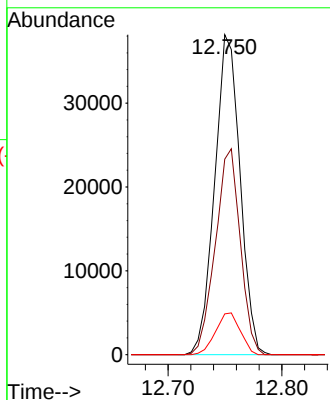
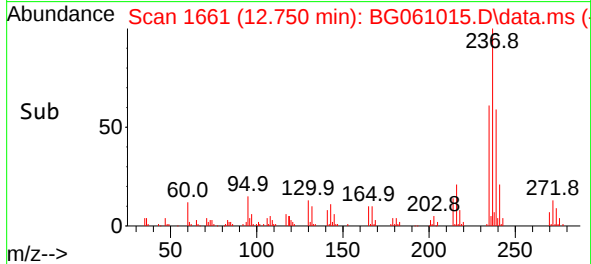
Instrument :
BNA_G
ClientSampleId :
SILICAMS



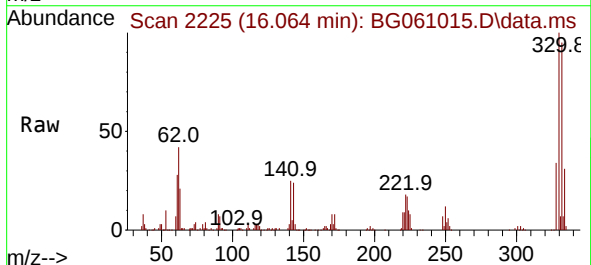
Tgt Ion:237 Resp: 59250
Ion Ratio Lower Upper
237 100
235 61.1 40.7 80.7
272 12.7 0.0 34.5

Manual Integrations
APPROVED

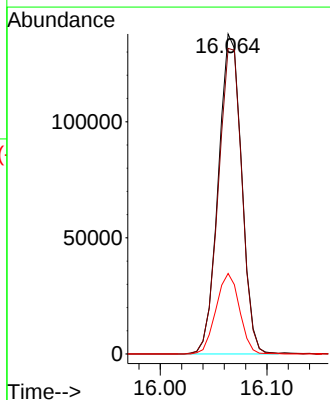
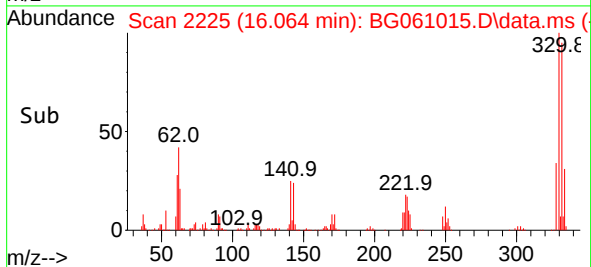
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

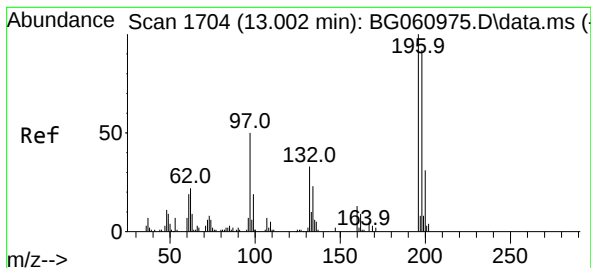


#42
2,4,6-Tribromophenol
Concen: 119.403 ng
RT: 16.064 min Scan# 2225
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



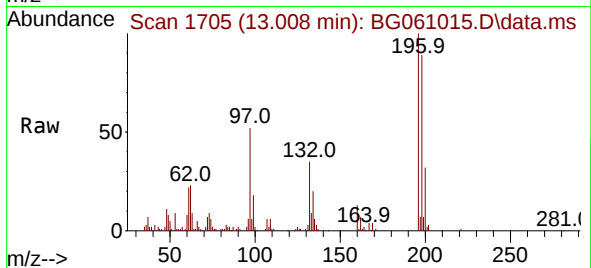
Tgt Ion:330 Resp: 208387
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 25.4 20.6 31.0





#43
2,4,6-Trichlorophenol
Concen: 45.029 ng
RT: 13.008 min Scan# 1718
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

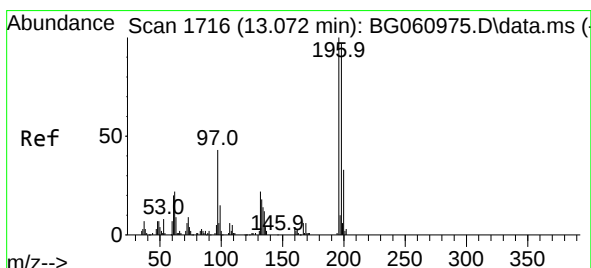
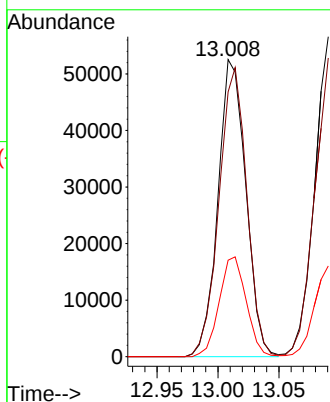
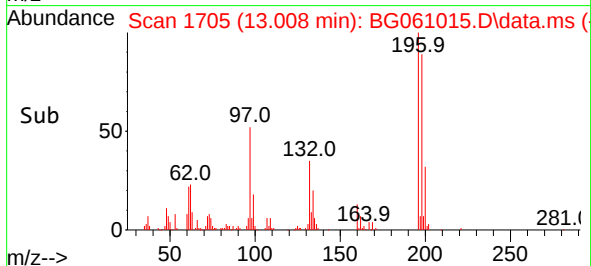
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:196 Resp: 8360
Ion Ratio Lower Upper
196 100
198 89.1 73.5 110.3
200 32.5 24.8 37.2

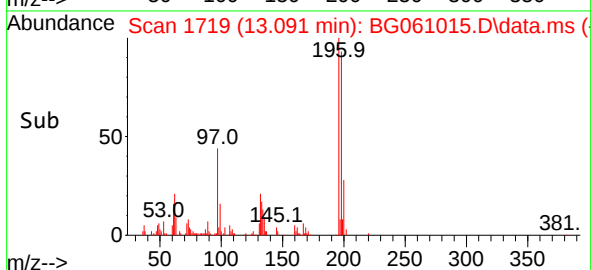
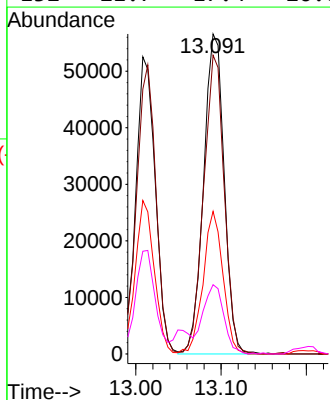
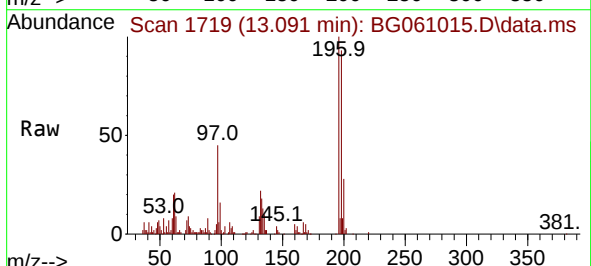
Manual Integrations
APPROVED

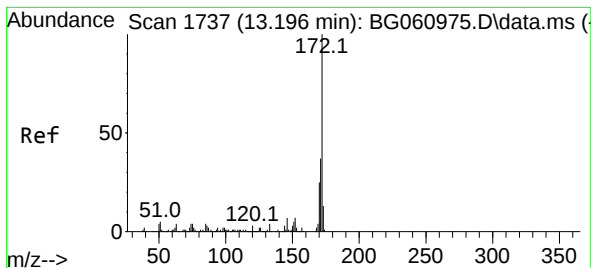
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#44
2,4,5-Trichlorophenol
Concen: 43.187 ng
RT: 13.091 min Scan# 1719
Delta R.T. 0.018 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

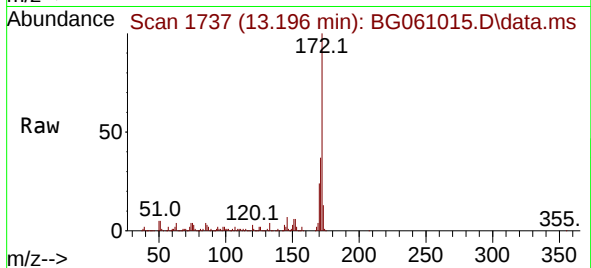
Tgt Ion:196 Resp: 94847
Ion Ratio Lower Upper
196 100
198 93.3 77.7 116.5
97 44.6 34.2 51.4
132 21.7 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 80.917 ng
RT: 13.196 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

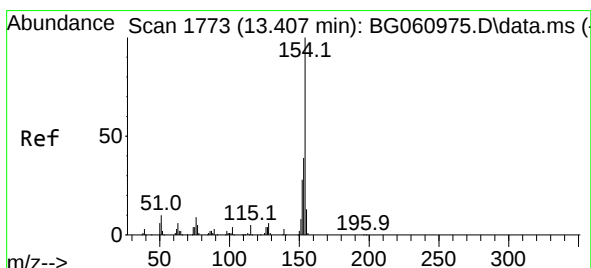
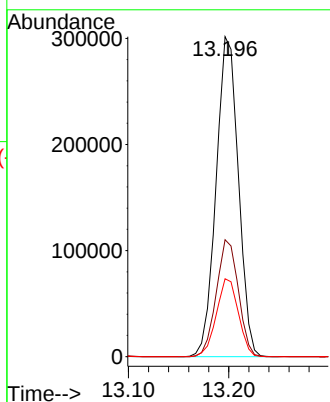
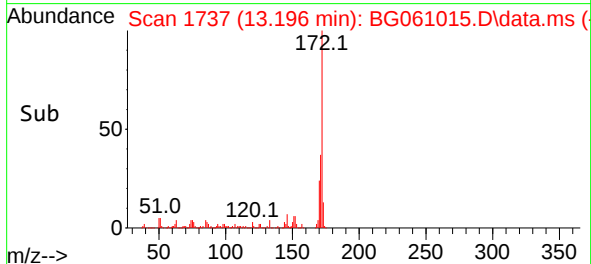
Instrument :
BNA_G
ClientSampleId :
SILICAMS



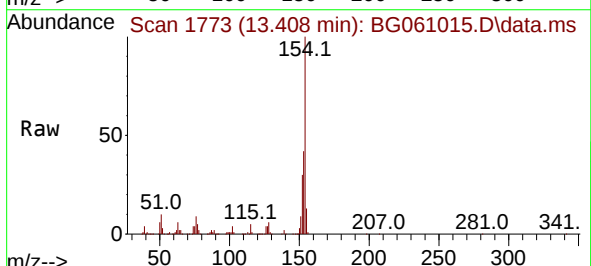
Tgt Ion:172 Resp: 464660
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.4 20.1 30.1

Manual Integrations
APPROVED

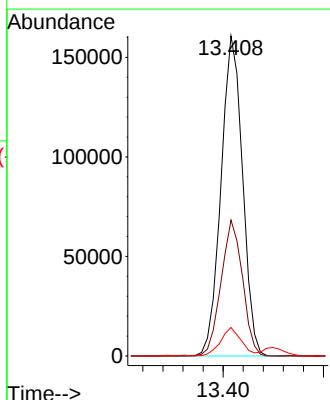
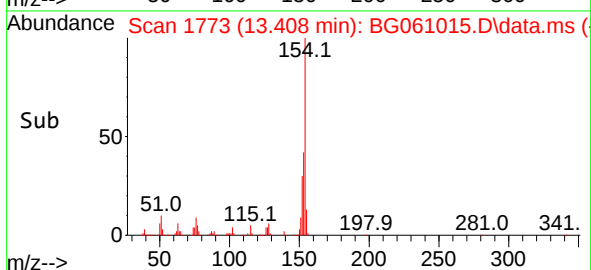
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

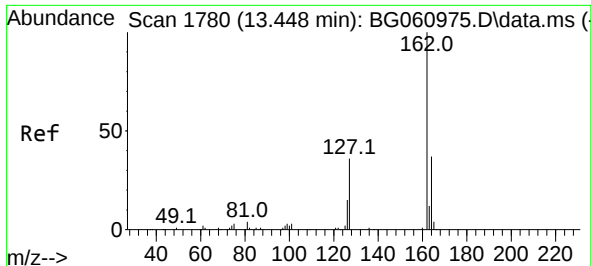


#46
1,1'-Biphenyl
Concen: 44.710 ng
RT: 13.408 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



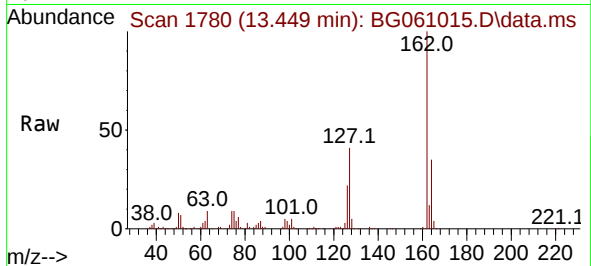
Tgt Ion:154 Resp: 239350
Ion Ratio Lower Upper
154 100
153 42.4 19.4 59.4
76 8.9 0.0 28.6





#47
2-Chloronaphthalene
Concen: 45.912 ng
RT: 13.449 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

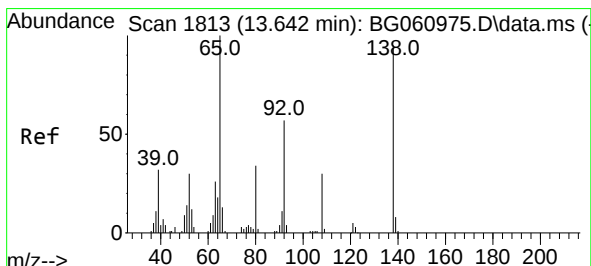
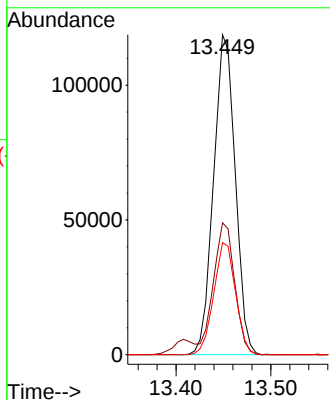
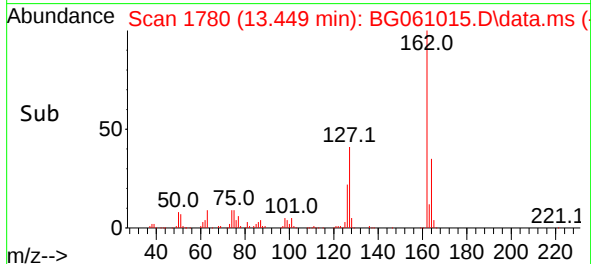
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:162 Resp: 188454
Ion Ratio Lower Upper
162 100
127 41.2 32.6 49.0
164 35.1 29.9 44.9

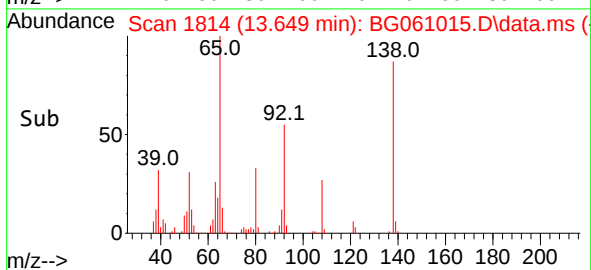
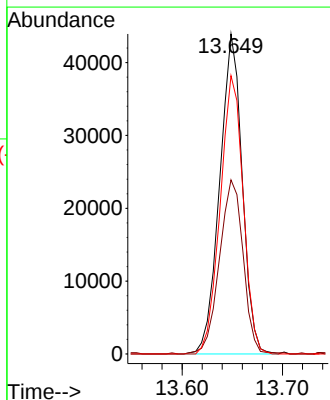
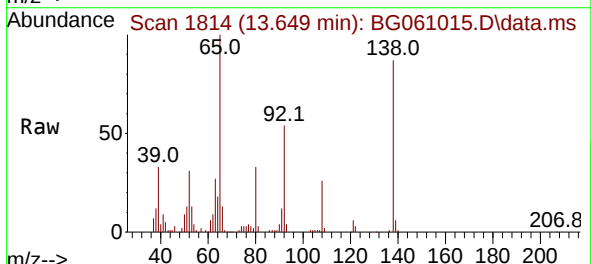
Manual Integrations
APPROVED

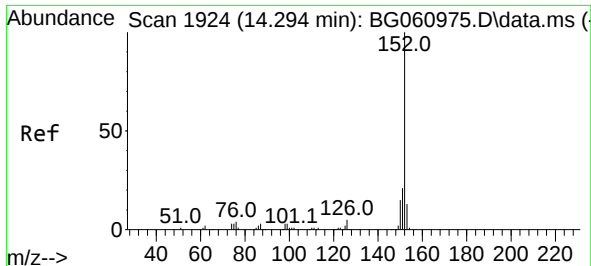
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#48
2-Nitroaniline
Concen: 41.239 ng
RT: 13.649 min Scan# 1814
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion: 65 Resp: 68316
Ion Ratio Lower Upper
65 100
92 54.4 45.4 68.2
138 87.0 75.8 113.6





#49
Acenaphthylene
Concen: 42.798 ng
RT: 14.295 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

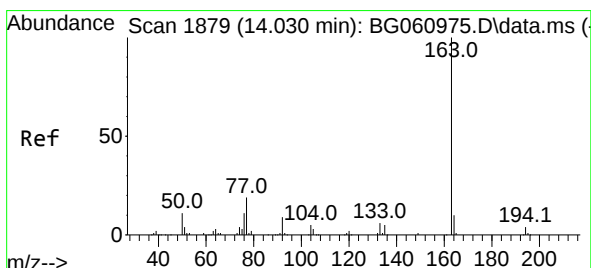
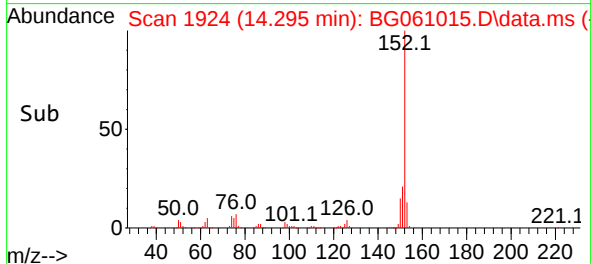
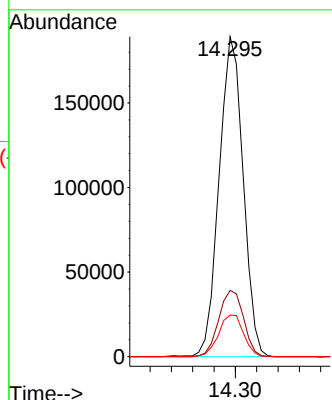
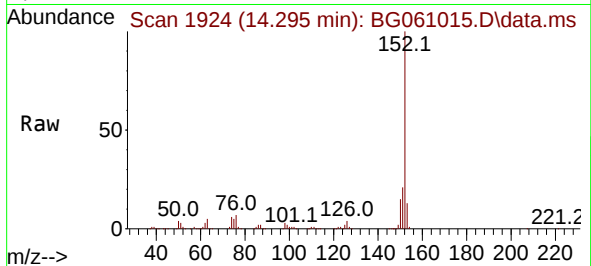
SILICAMS

Tgt Ion:152 Resp: 29586
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 13.0 10.7 16.1

Manual Integrations

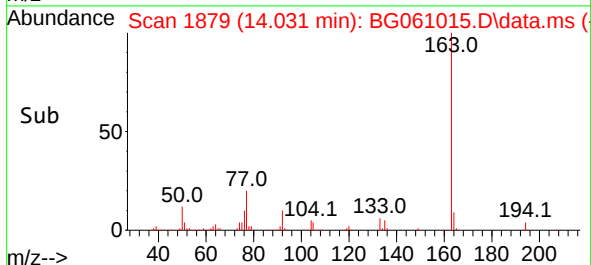
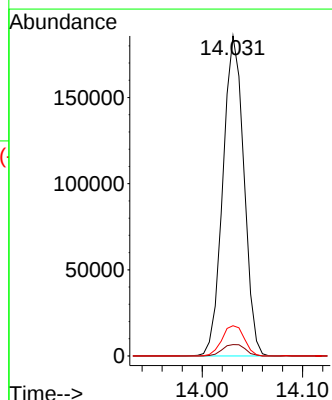
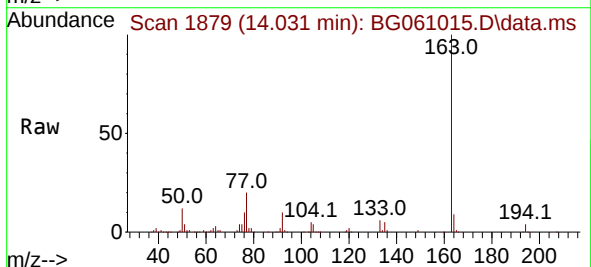
APPROVED

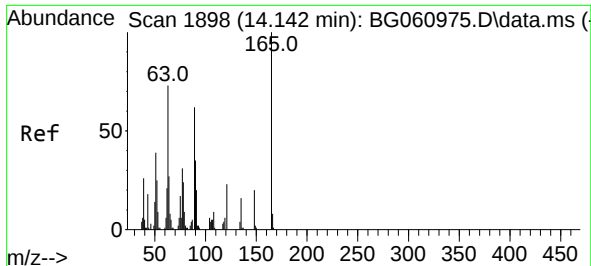
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#50
Dimethylphthalate
Concen: 41.167 ng
RT: 14.031 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

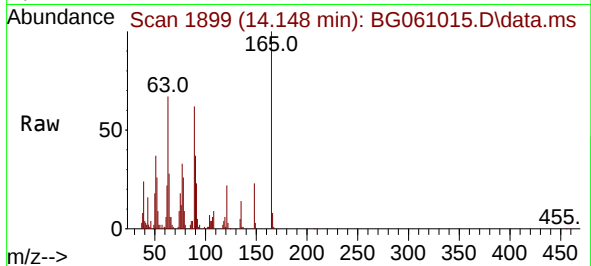
Tgt Ion:163 Resp: 269797
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 40.910 ng
RT: 14.148 min Scan# 1898
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

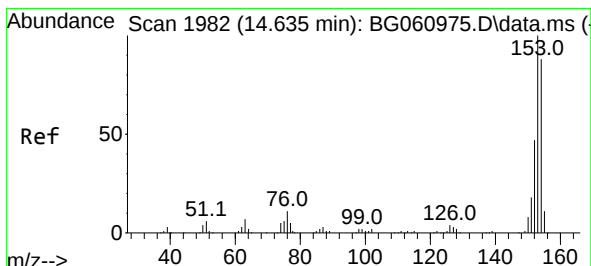
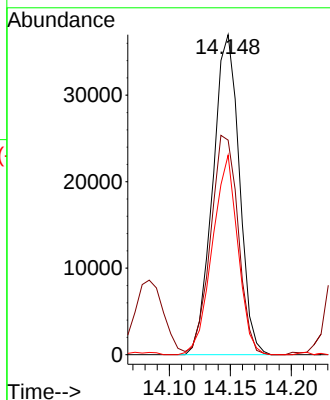
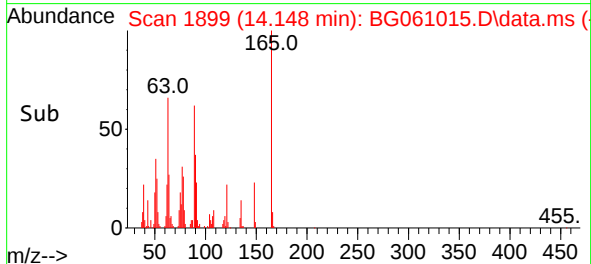
Instrument :
BNA_G
ClientSampleId :
SILICAMS



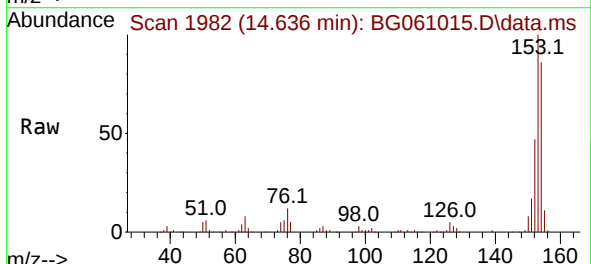
Tgt Ion:165 Resp: 5594
Ion Ratio Lower Upper
165 100
63 67.0 59.6 89.4
89 62.3 49.4 74.0

Manual Integrations
APPROVED

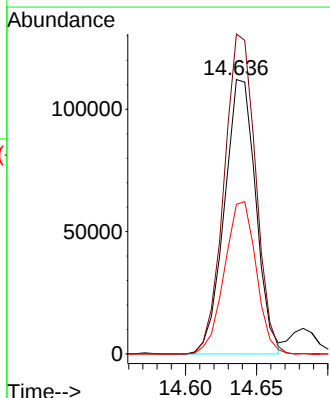
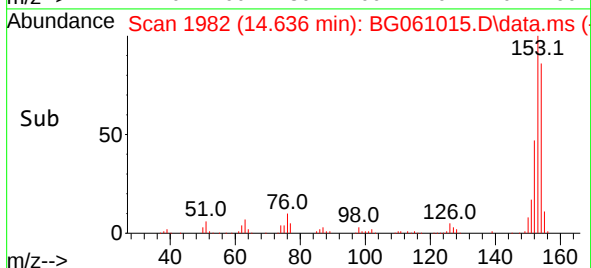
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

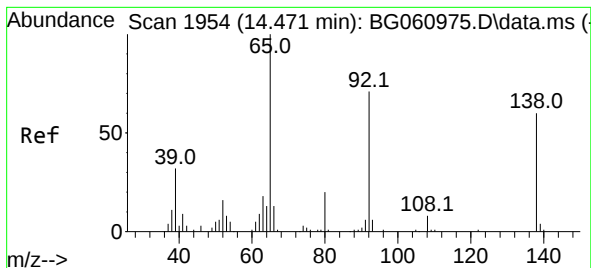


#52
Acenaphthene
Concen: 41.051 ng
RT: 14.636 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:154 Resp: 172431
Ion Ratio Lower Upper
154 100
153 116.6 91.2 136.8
152 54.5 42.7 64.1





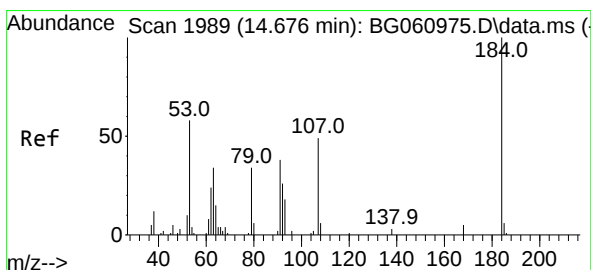
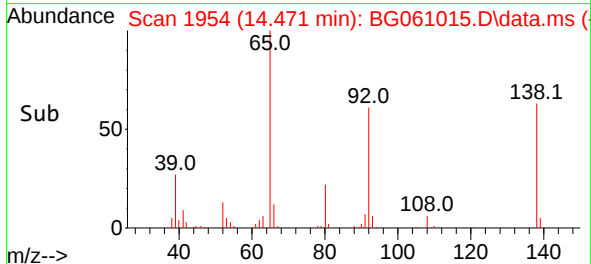
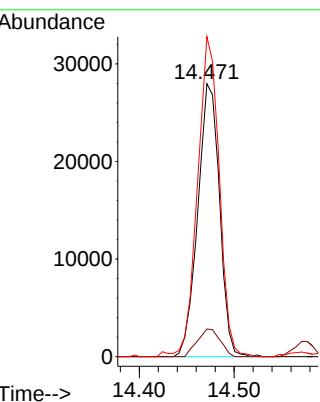
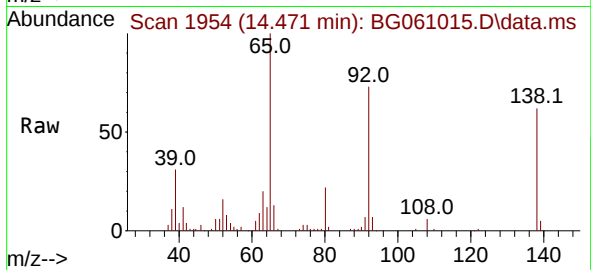
#53
3-Nitroaniline
Concen: 32.986 ng
RT: 14.471 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :
BNA_G
ClientSampleId :
SILICAMS

Tgt Ion:138 Resp: 44478
Ion Ratio Lower Upper
138 100
108 10.1 10.1 15.1
92 117.2 94.6 141.8

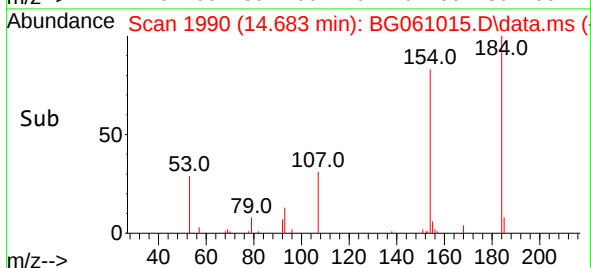
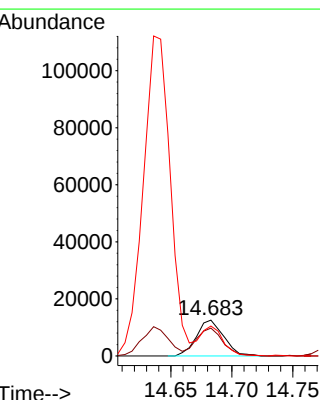
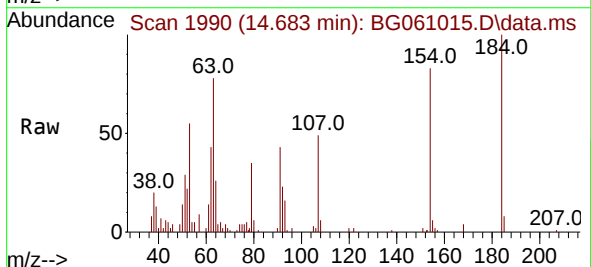
Manual Integrations
APPROVED

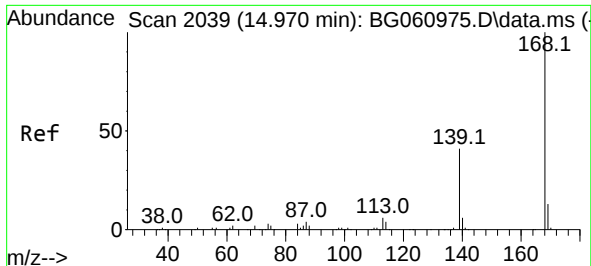
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#54
2,4-Dinitrophenol
Concen: 25.864 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

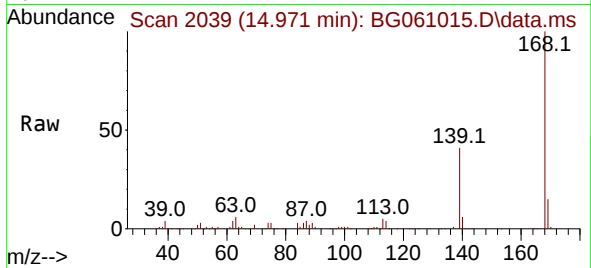
Tgt Ion:184 Resp: 19436
Ion Ratio Lower Upper
184 100
63 77.6 59.0 88.6
154 83.2 61.2 91.8





#55
Dibenzenofuran
Concen: 42.506 ng
RT: 14.971 min Scan# 2039
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

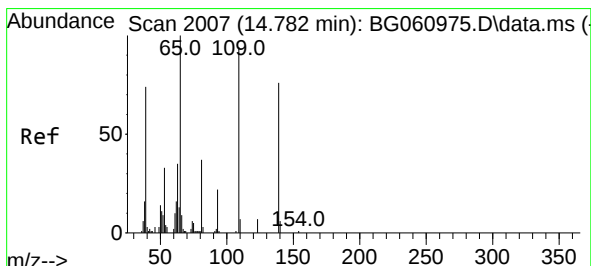
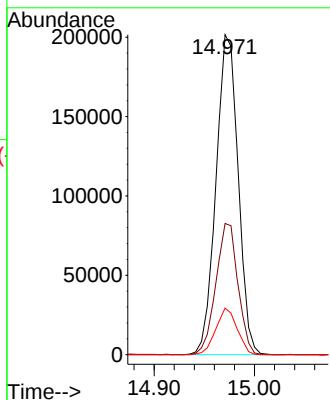
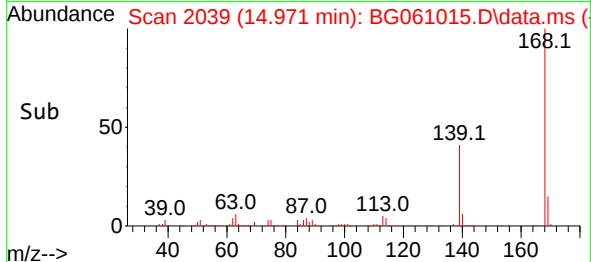
Instrument :
BNA_G
ClientSampleId :
SILICAMS



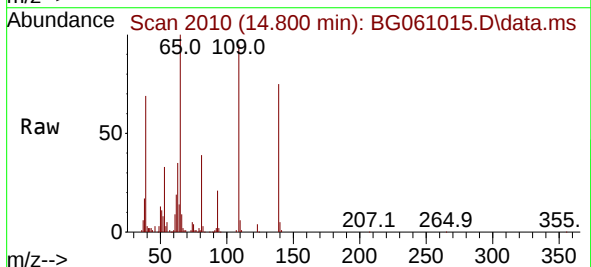
Tgt Ion:168 Resp: 30831
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 14.6 10.6 15.8

Manual Integrations
APPROVED

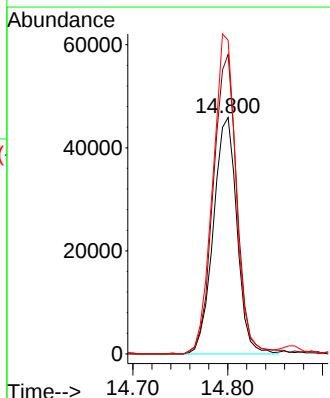
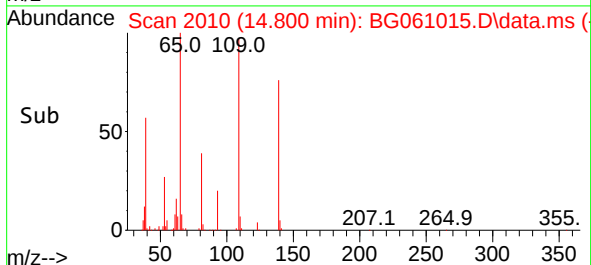
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

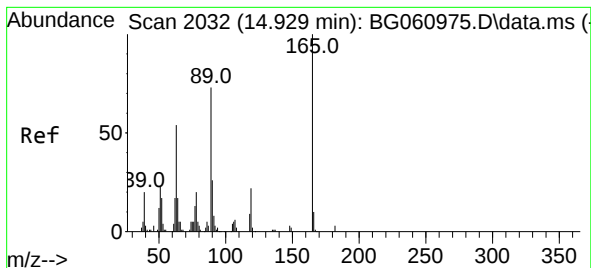


#56
4-Nitrophenol
Concen: 82.271 ng
RT: 14.800 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:139 Resp: 79475
Ion Ratio Lower Upper
139 100
109 126.7 104.1 144.1
65 132.7 112.0 152.0





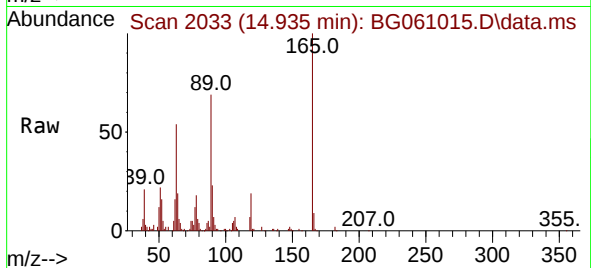
#57
2,4-Dinitrotoluene
Concen: 41.939 ng
RT: 14.935 min Scan# 2033
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

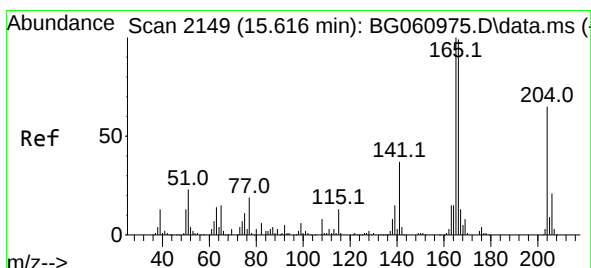
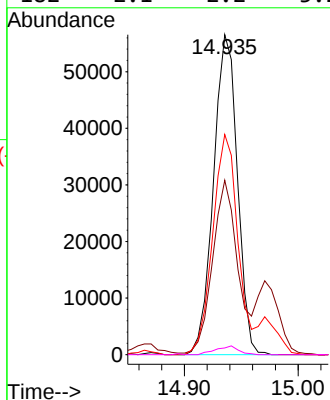
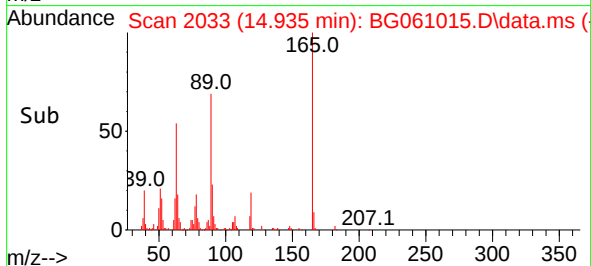


Tgt Ion:165 Resp: 8259
Ion Ratio Lower Upper
165 100
63 54.5 43.4 65.2
89 68.8 58.4 87.6
182 2.1 2.2 3.2#

Manual Integrations

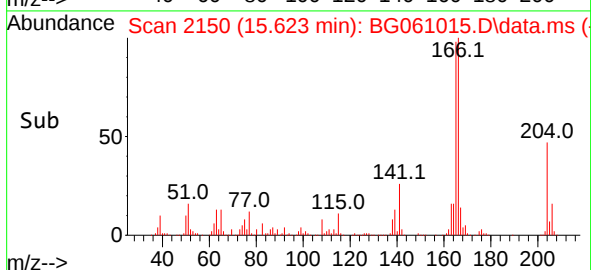
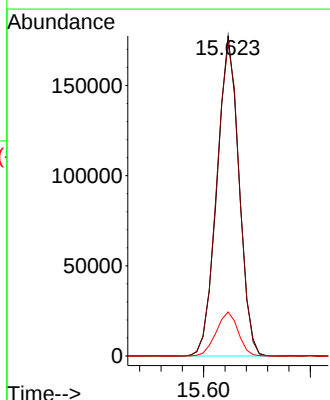
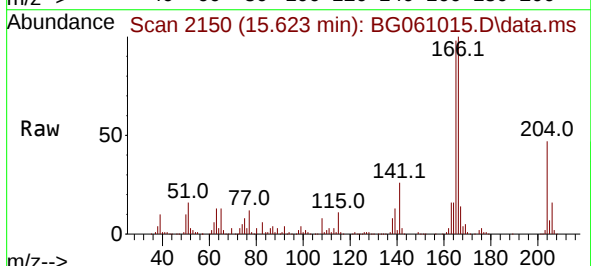
APPROVED

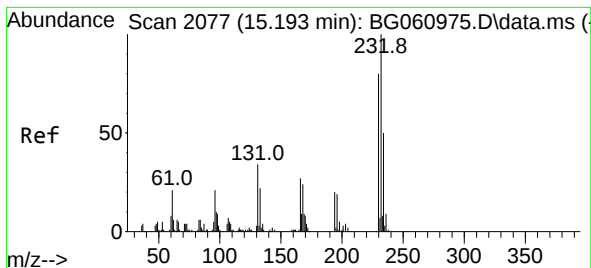
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#58
Fluorene
Concen: 41.459 ng
RT: 15.623 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

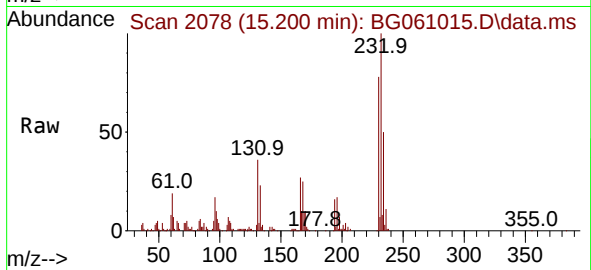
Tgt Ion:166 Resp: 253822
Ion Ratio Lower Upper
166 100
165 97.7 80.9 121.3
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.023 ng m
RT: 15.200 min Scan# 2077
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

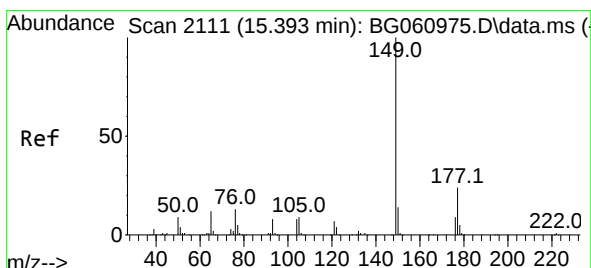
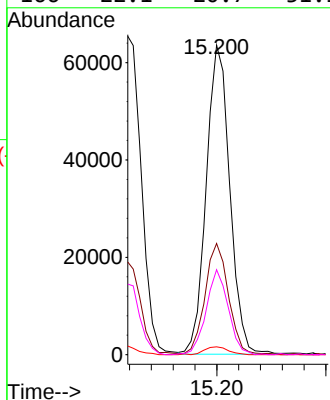
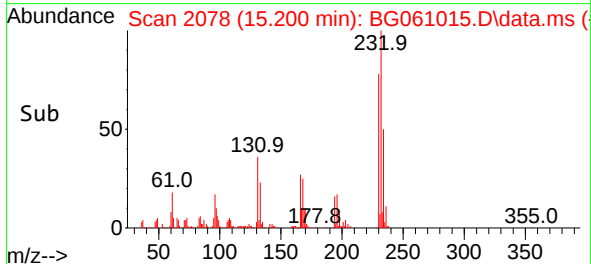
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:232 Resp: 95364
Ion Ratio Lower Upper
232 100
131 32.2 27.4 41.0
130 2.4 1.5 2.3
166 22.1 20.7 31.1

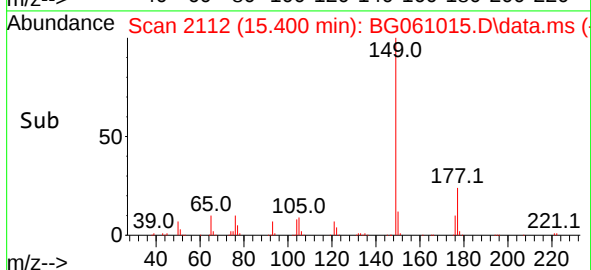
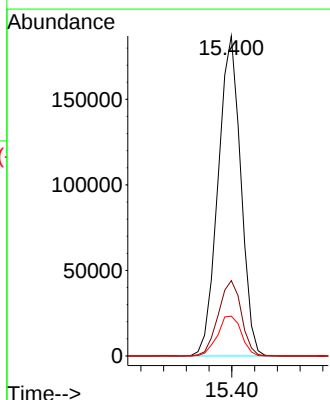
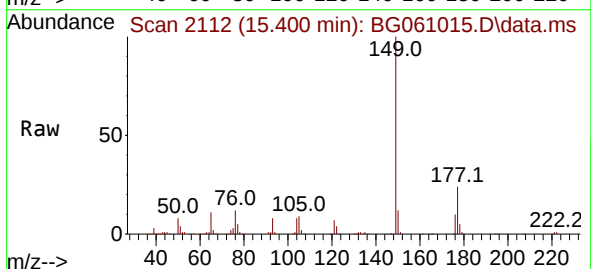
Manual Integrations
APPROVED

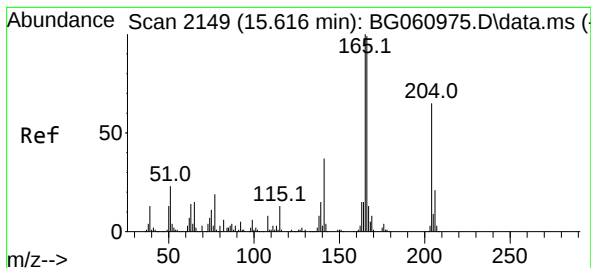
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#60
Diethylphthalate
Concen: 40.142 ng
RT: 15.400 min Scan# 2112
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

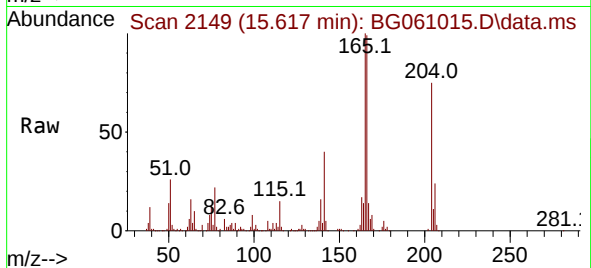
Tgt Ion:149 Resp: 259080
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.4 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 39.512 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

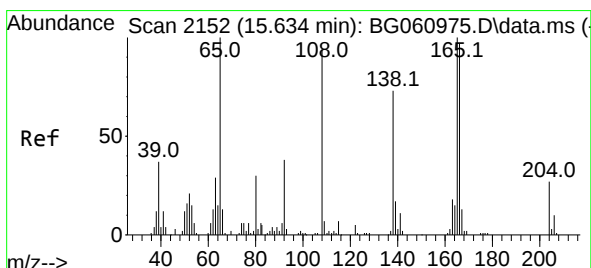
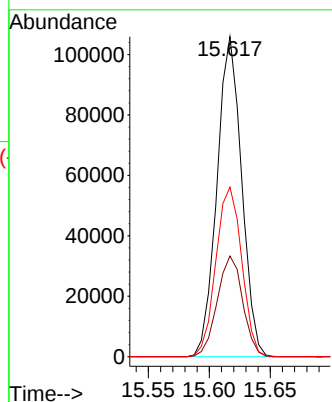
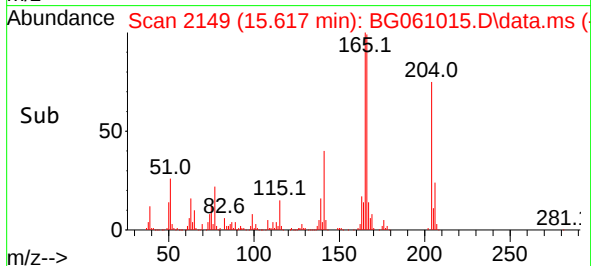
Instrument :
BNA_G
ClientSampleId :
SILICAMS



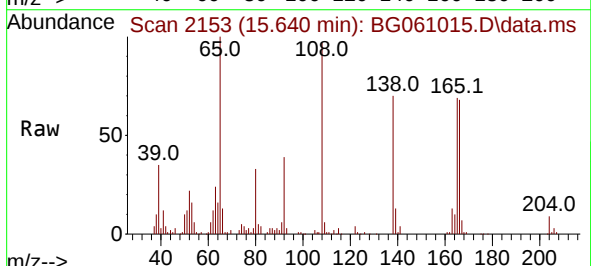
Tgt Ion:204 Resp: 149189
Ion Ratio Lower Upper
204 100
206 31.4 25.6 38.4
141 53.0 45.4 68.0

Manual Integrations
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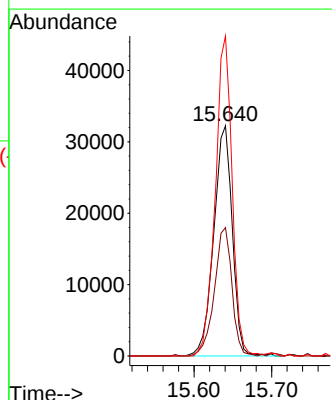
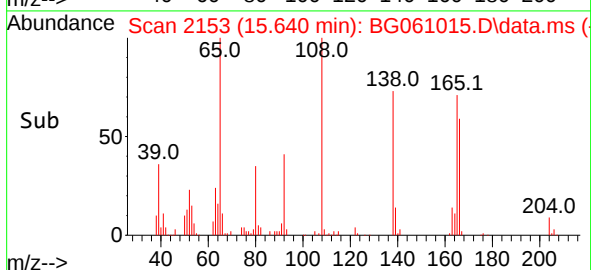
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

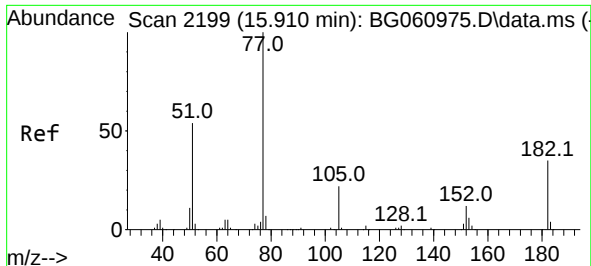


#62
4-Nitroaniline
Concen: 36.879 ng
RT: 15.640 min Scan# 2153
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:138 Resp: 53620
Ion Ratio Lower Upper
138 100
92 55.8 32.2 72.2
108 139.0 109.0 149.0





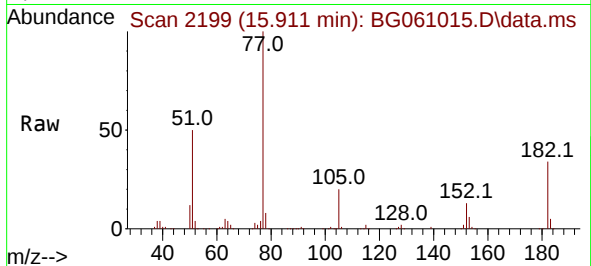
#63
Azobenzene
Concen: 40.725 ng
RT: 15.911 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS



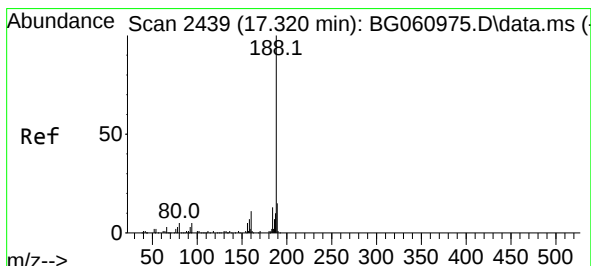
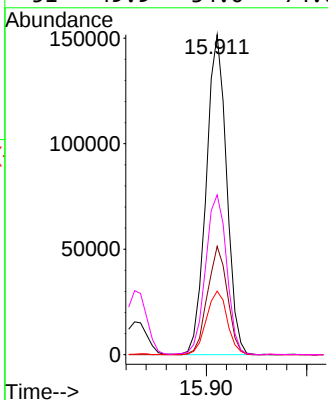
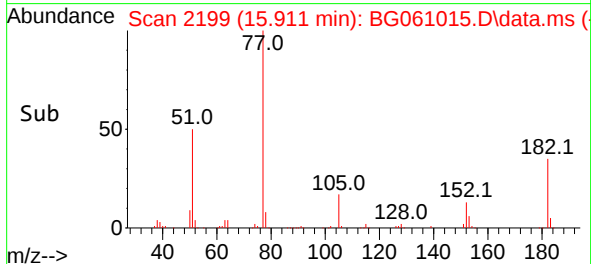
Tgt Ion: 77 Resp: 21379
Ion Ratio Lower Upper
77 100
182 33.9 14.5 54.5
105 19.9 1.9 41.9
51 49.9 34.0 74.0

Manual Integrations

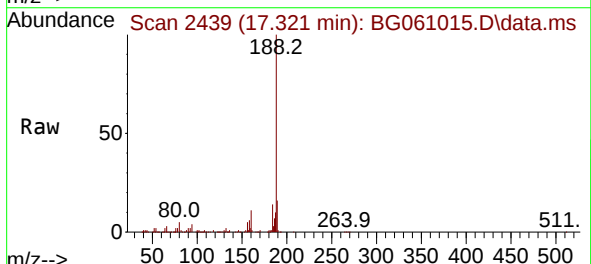
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

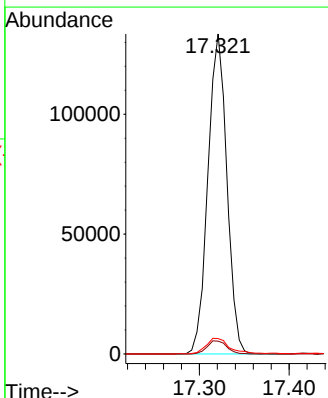
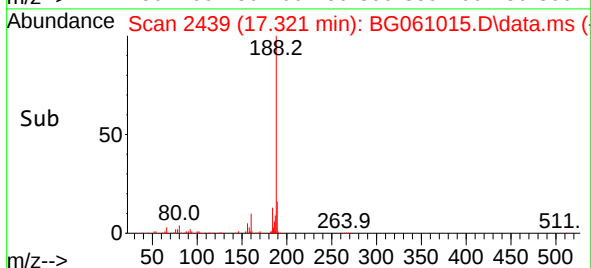
Supervised By :mohammad ahmed 04/27/2024

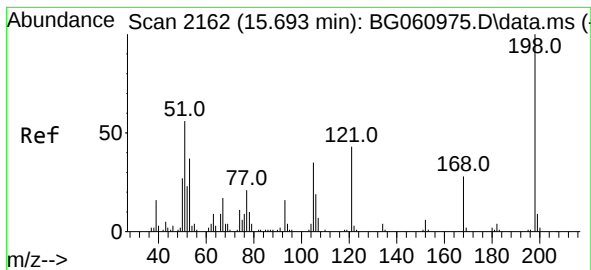


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:188 Resp: 195482
Ion Ratio Lower Upper
188 100
94 4.0 4.1 6.1#
80 4.8 4.0 6.0





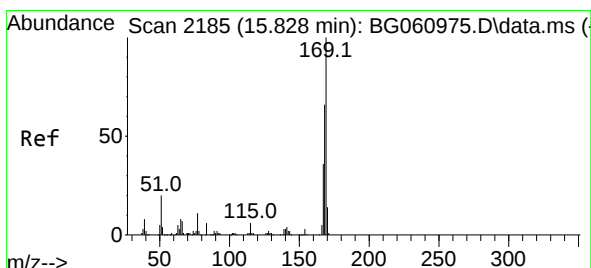
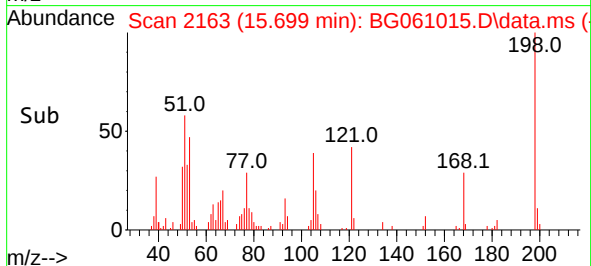
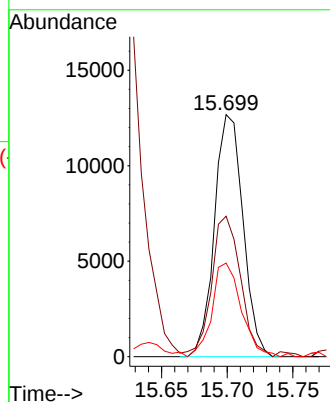
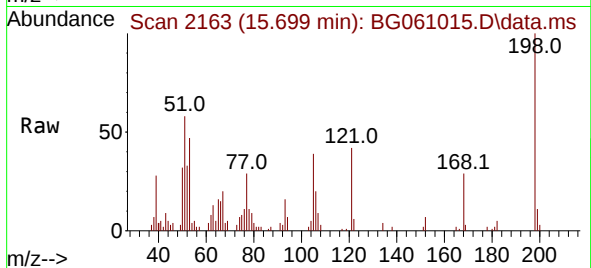
#65
4,6-Dinitro-2-methylphenol
Concen: 15.882 ng
RT: 15.699 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :
BNA_G
ClientSampleId :
SILICAMS

Tgt Ion:198 Resp: 19170
Ion Ratio Lower Upper
198 100
51 58.1 38.6 78.6
105 38.7 14.5 54.5

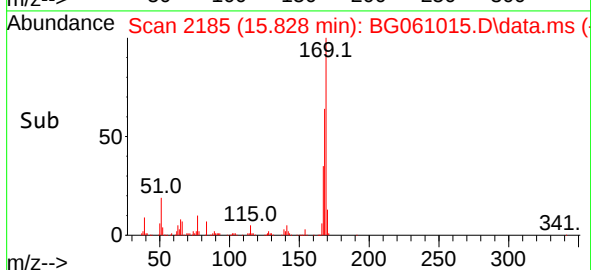
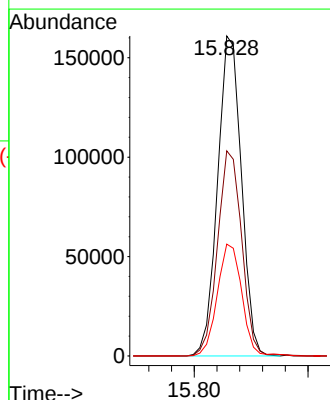
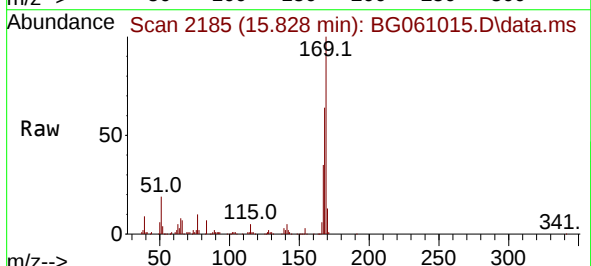
Manual Integrations
APPROVED

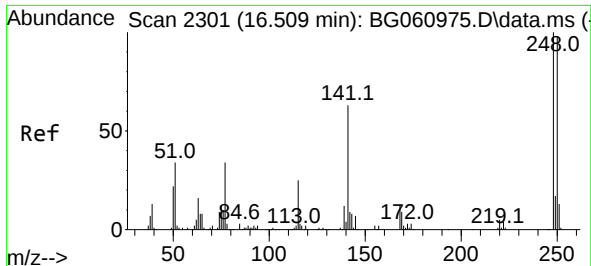
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#66
n-Nitrosodiphenylamine
Concen: 43.439 ng
RT: 15.828 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:169 Resp: 233944
Ion Ratio Lower Upper
169 100
168 64.1 52.5 78.7
167 35.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 43.480 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

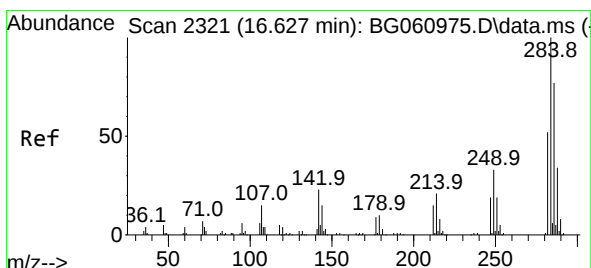
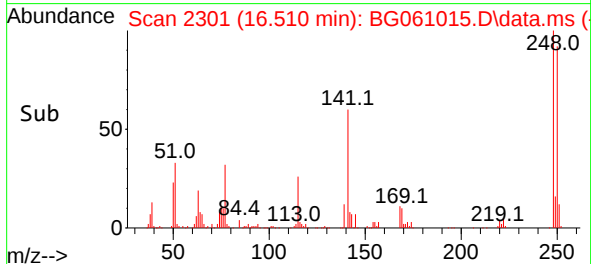
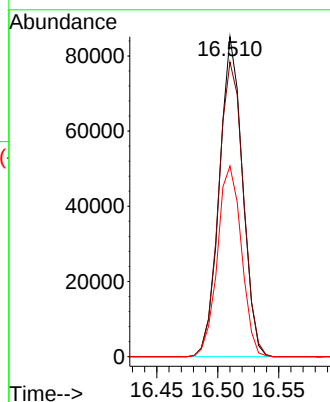
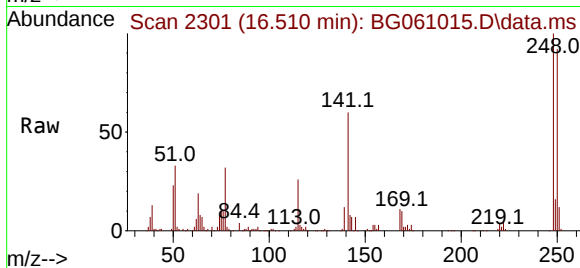
SILICAMS

Tgt Ion:248 Resp: 11217
Ion Ratio Lower Upper
248 100
250 92.1 78.7 118.1
141 59.6 50.4 75.6

Manual Integrations

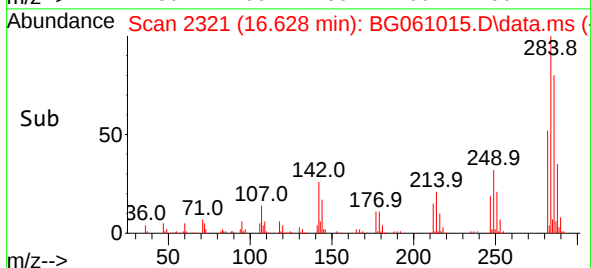
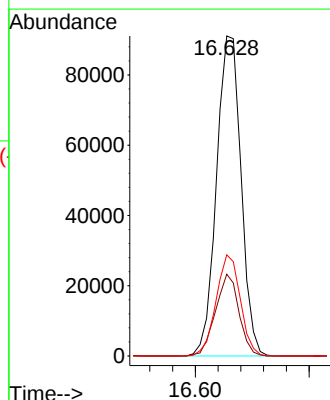
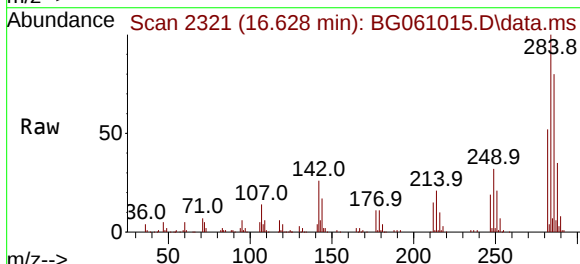
APPROVED

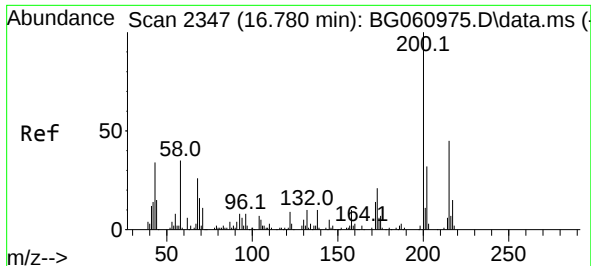
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#68
Hexachlorobenzene
Concen: 47.921 ng
RT: 16.628 min Scan# 2321
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

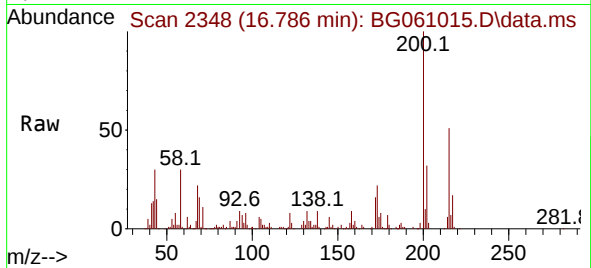
Tgt Ion:284 Resp: 136559
Ion Ratio Lower Upper
284 100
142 25.5 18.7 28.1
249 31.6 26.4 39.6





#69
 Atrazine
 Concen: 50.317 ng
 RT: 16.786 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

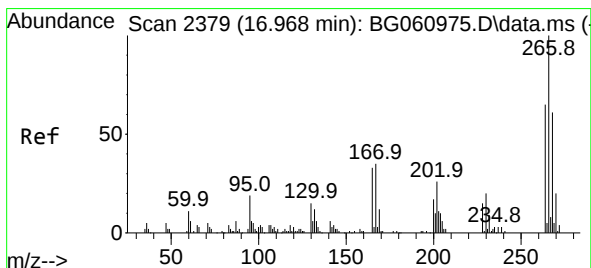
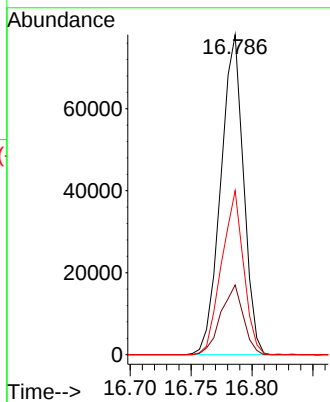
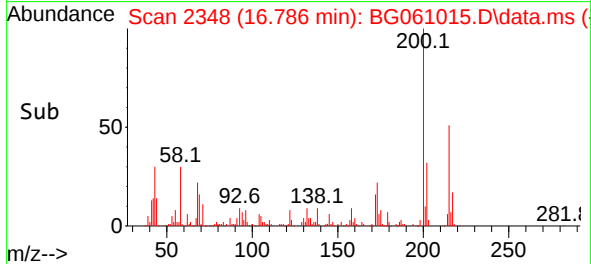
Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS



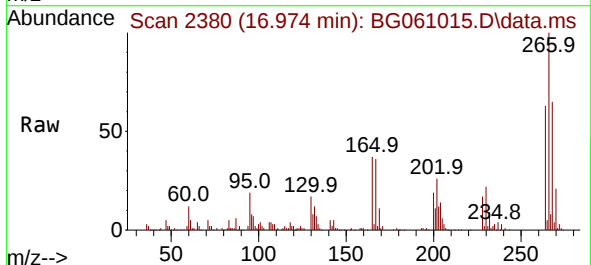
Tgt Ion:200 Resp: 10142
 Ion Ratio Lower Upper
 200 100
 173 21.8 1.4 41.4
 215 51.3 25.3 65.3

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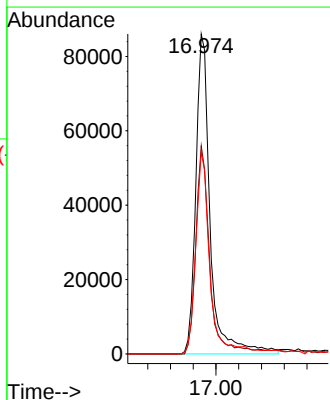
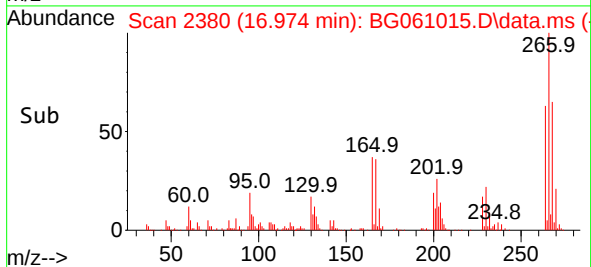
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

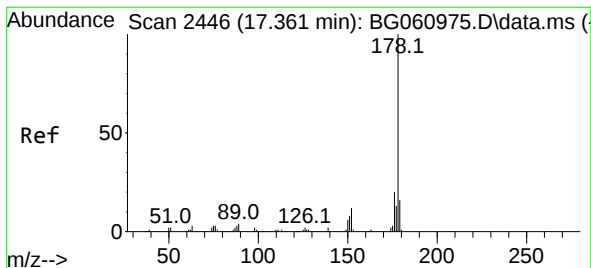


#70
 Pentachlorophenol
 Concen: 81.072 ng
 RT: 16.974 min Scan# 2380
 Delta R.T. 0.006 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02



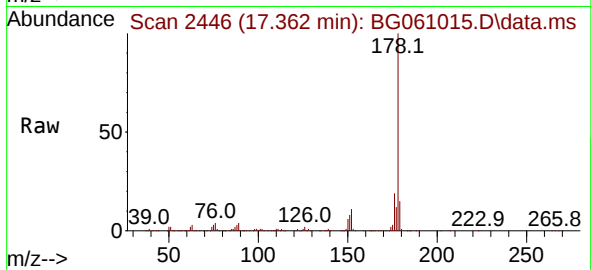
Tgt Ion:266 Resp: 151491
 Ion Ratio Lower Upper
 266 100
 268 65.0 49.1 73.7
 264 63.1 52.2 78.2





#71
Phenanthrene
Concen: 43.795 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

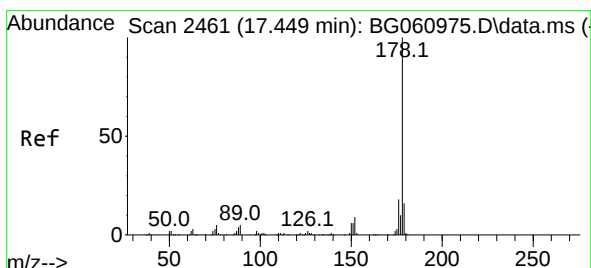
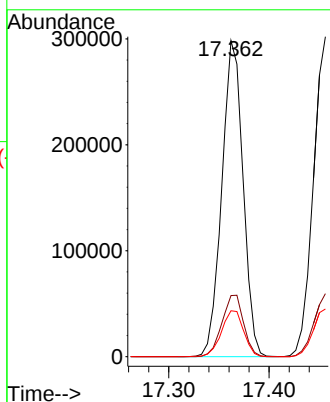
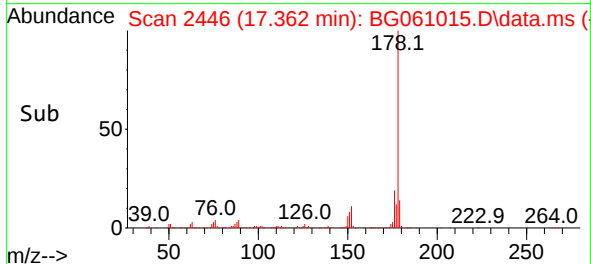
Instrument :
BNA_G
ClientSampleId :
SILICAMS



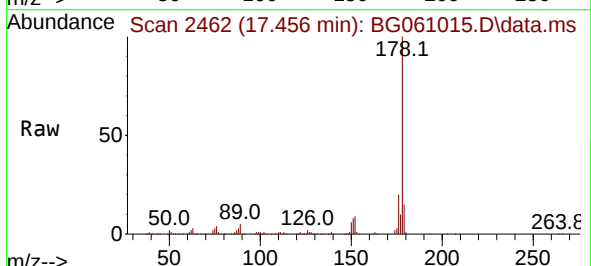
Tgt Ion:178 Resp: 436988
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 14.5 12.5 18.7

Manual Integrations
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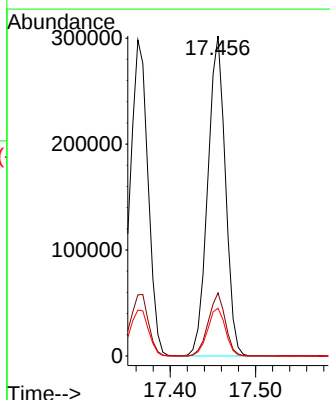
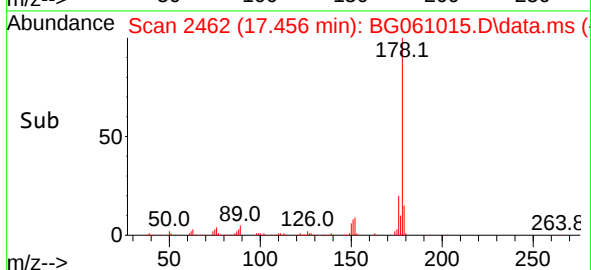
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

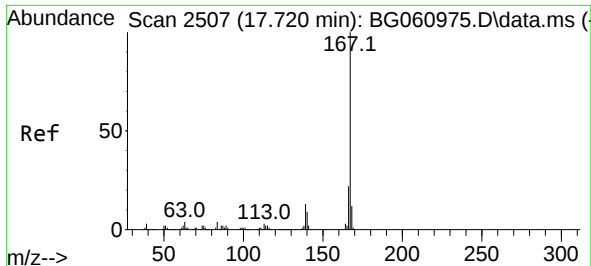


#72
Anthracene
Concen: 42.116 ng
RT: 17.456 min Scan# 2462
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



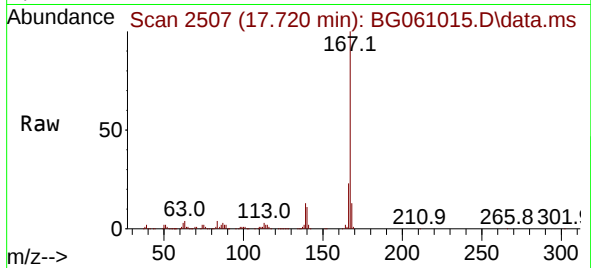
Tgt Ion:178 Resp: 432805
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 14.9 12.4 18.6





#73
 Carbazole
 Concen: 44.129 ng
 RT: 17.720 min Scan# 2507
 Delta R.T. 0.001 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

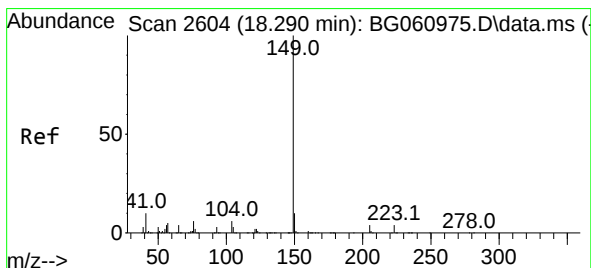
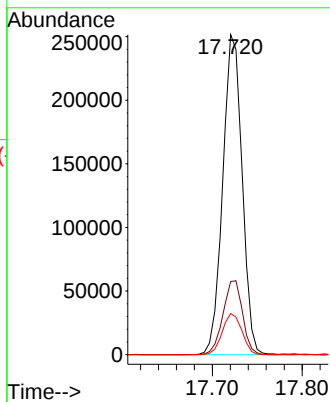
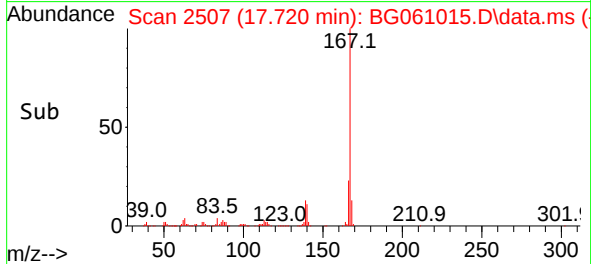
Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS



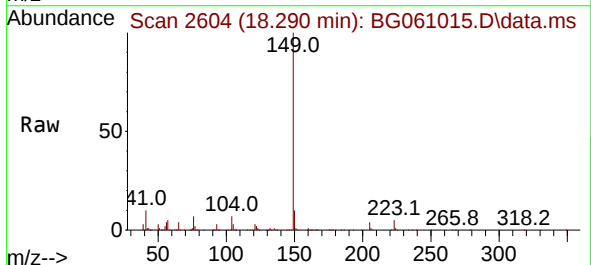
Tgt Ion:167 Resp: 37663
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 12.8 10.2 15.2

Manual Integrations
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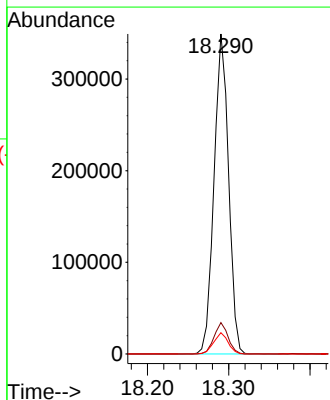
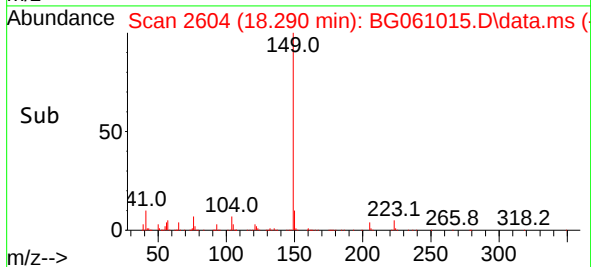
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

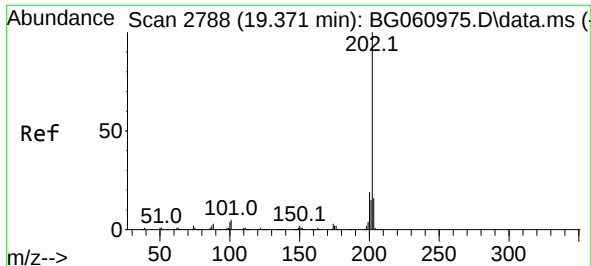


#74
 Di-n-butylphthalate
 Concen: 41.845 ng
 RT: 18.290 min Scan# 2604
 Delta R.T. 0.001 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02



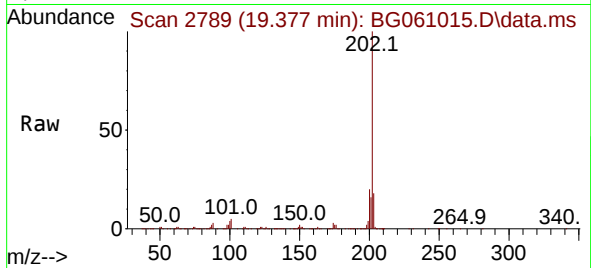
Tgt Ion:149 Resp: 433598
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 6.6 5.0 7.6





#75
Fluoranthene
Concen: 43.371 ng
RT: 19.377 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

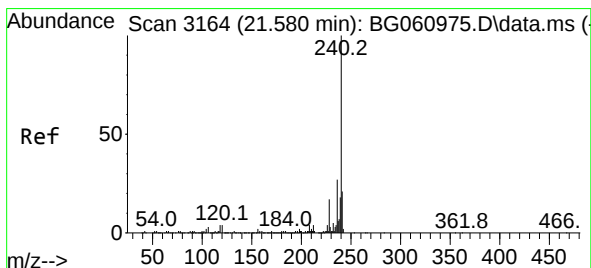
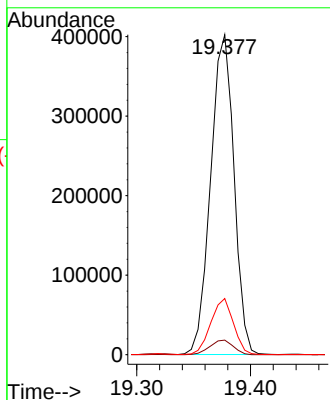
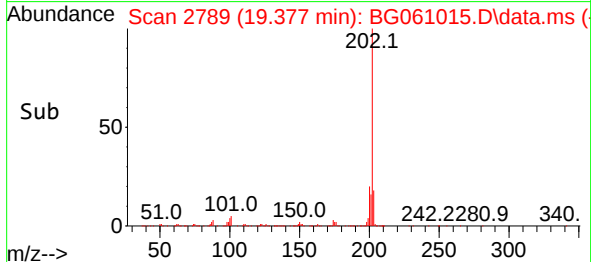
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:202 Resp: 57432
Ion Ratio Lower Upper
202 100
101 4.5 0.0 24.9
203 17.5 0.0 36.2

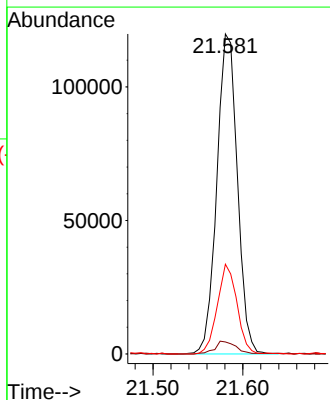
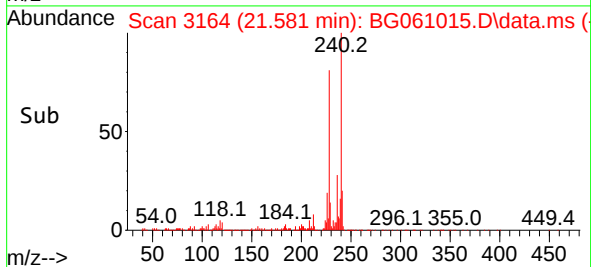
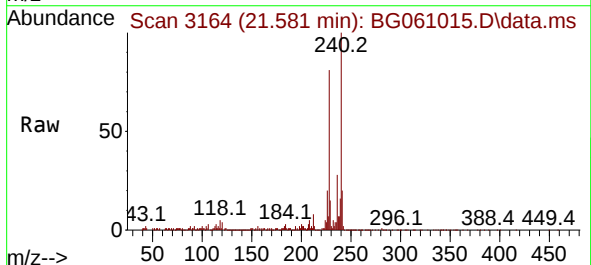
Manual Integrations
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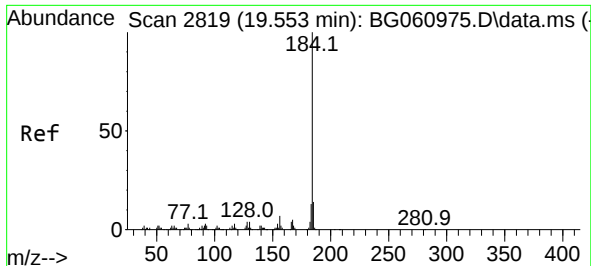
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3164
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

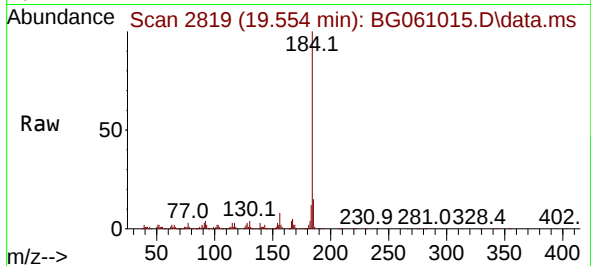
Tgt Ion:240 Resp: 190340
Ion Ratio Lower Upper
240 100
120 3.8 3.0 4.6
236 28.1 21.8 32.6





#77
Benzidine
Concen: 57.032 ng
RT: 19.554 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

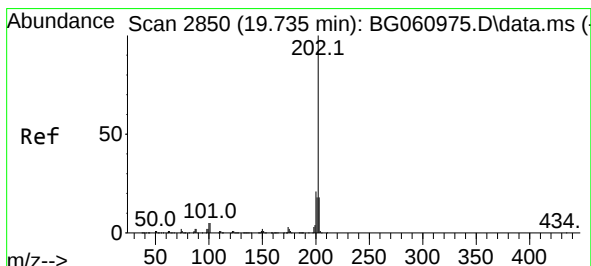
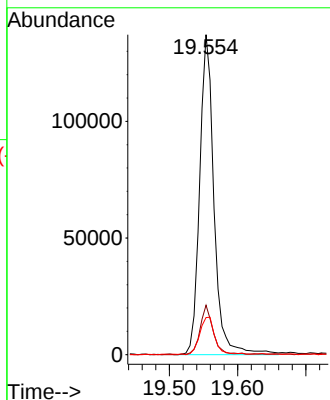
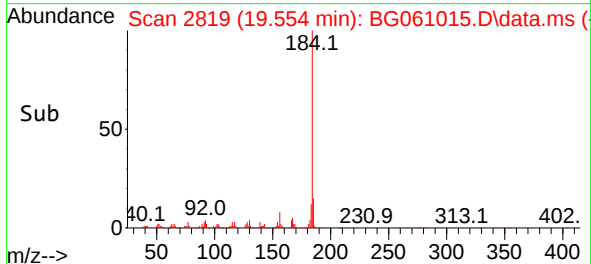
Instrument :
BNA_G
ClientSampleId :
SILICAMS



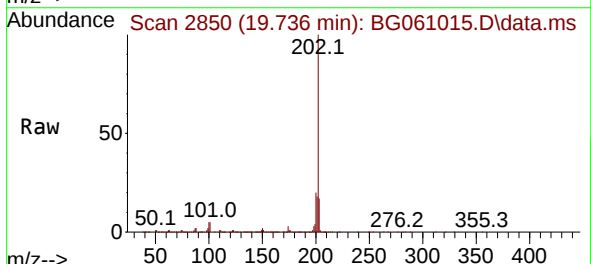
Tgt Ion:184 Resp: 201139
Ion Ratio Lower Upper
184 100
185 15.4 11.3 16.9
183 11.6 10.2 15.2

Manual Integrations
APPROVED

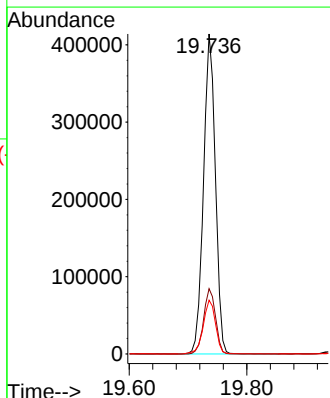
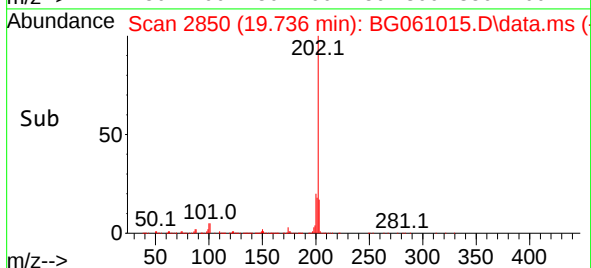
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

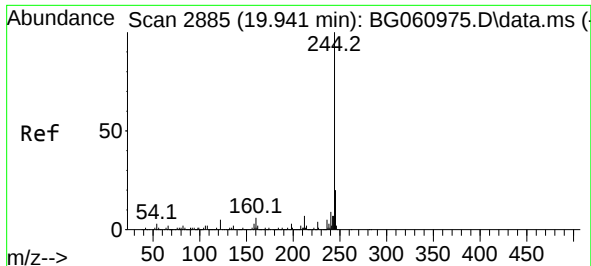


#78
Pyrene
Concen: 44.815 ng
RT: 19.736 min Scan# 2850
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



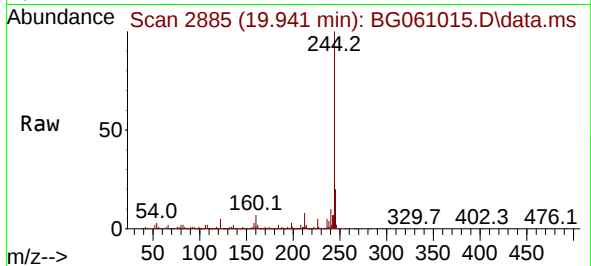
Tgt Ion:202 Resp: 580807
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 16.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 83.318 ng
 RT: 19.941 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

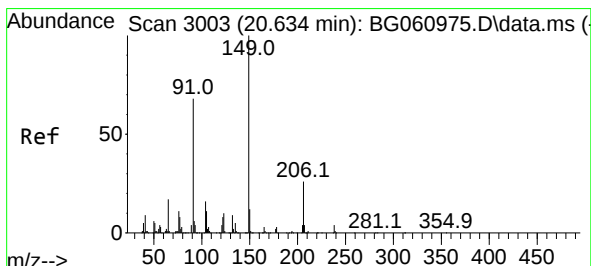
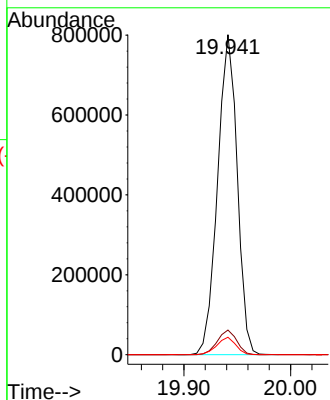
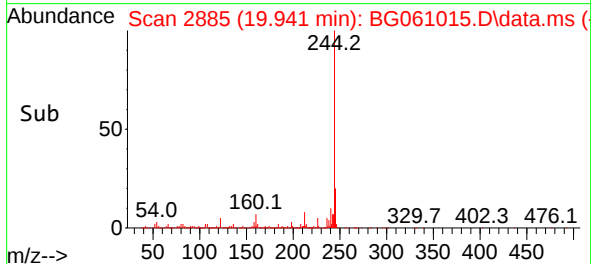
Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS



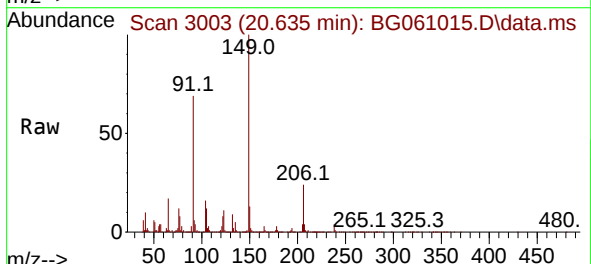
Tgt Ion:244 Resp: 102167
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 5.5 4.2 6.2

Manual Integrations
 APPROVED

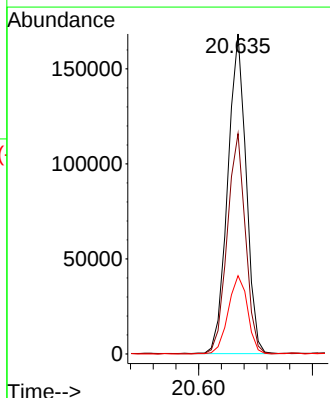
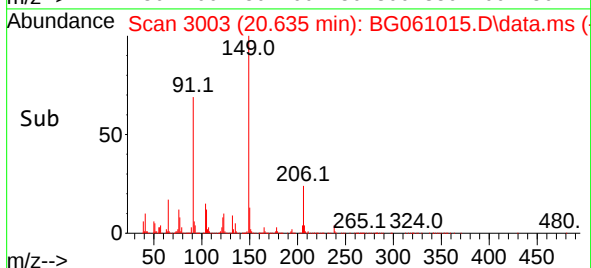
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

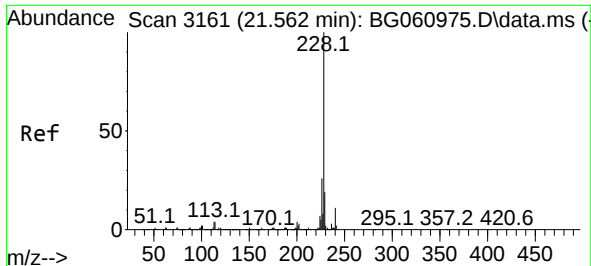


#80
 Butylbenzylphthalate
 Concen: 43.839 ng
 RT: 20.635 min Scan# 3003
 Delta R.T. 0.001 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02



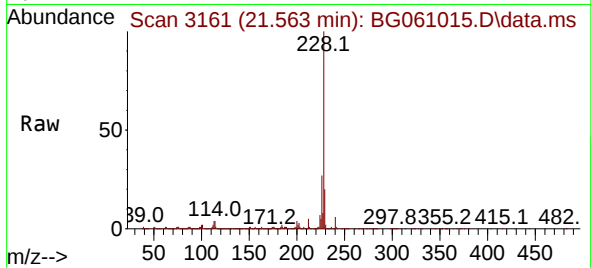
Tgt Ion:149 Resp: 189374
 Ion Ratio Lower Upper
 149 100
 91 68.8 54.4 81.6
 206 24.5 20.8 31.2





#81
Benzo(a)anthracene
Concen: 45.768 ng
RT: 21.563 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

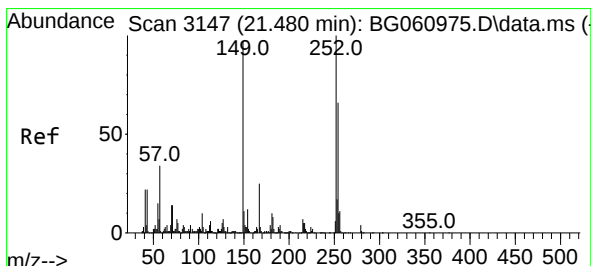
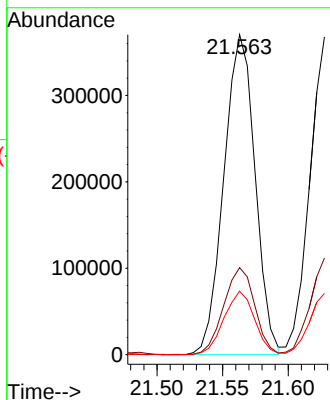
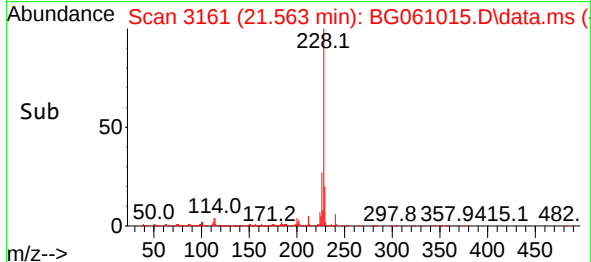
Instrument :
BNA_G
ClientSampleId :
SILICAMS



Tgt Ion:228 Resp: 61246
Ion Ratio Lower Upper
228 100
226 27.2 21.0 31.4
229 19.9 15.0 22.4

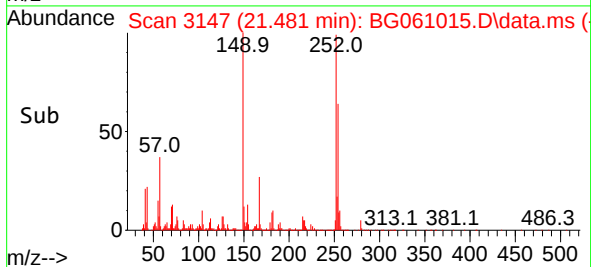
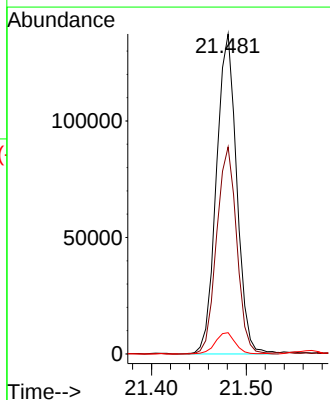
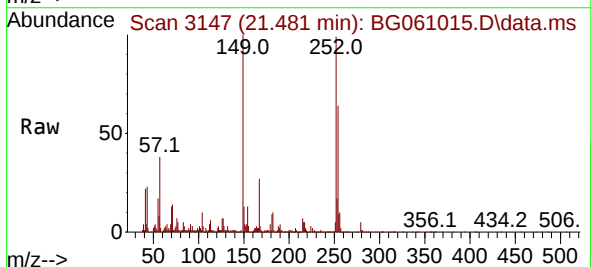
Manual Integrations
APPROVED

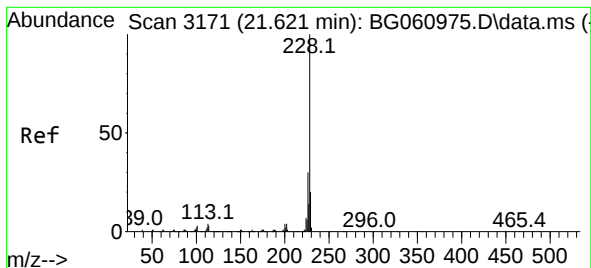
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.409 ng
RT: 21.481 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:252 Resp: 205099
Ion Ratio Lower Upper
252 100
254 64.7 52.7 79.1
126 6.7 4.2 6.2#





#83

Chrysene

Concen: 45.632 ng

RT: 21.628 min Scan# 3172

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

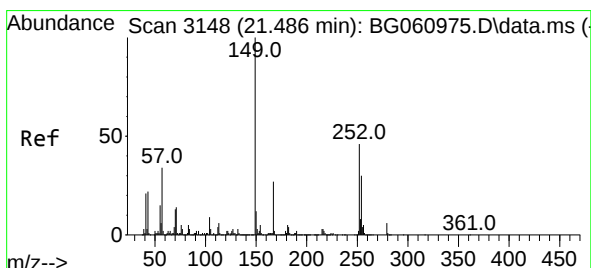
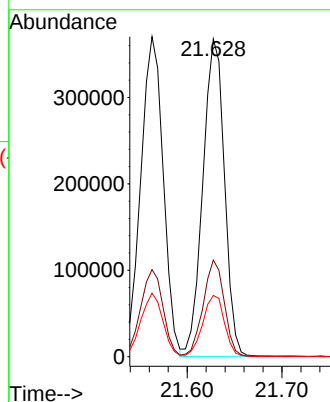
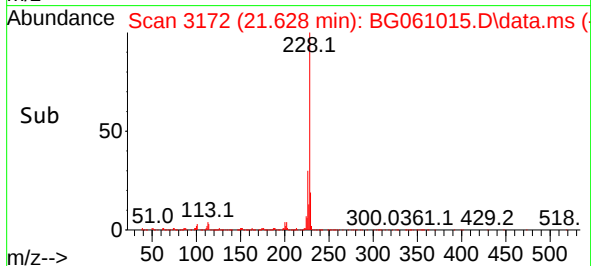
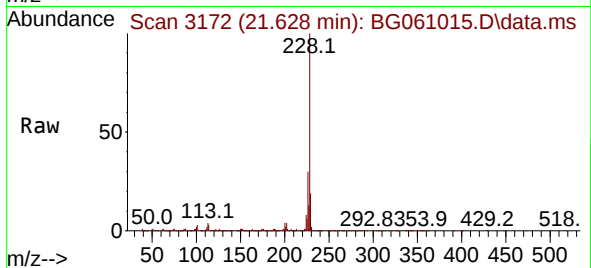
Tgt Ion:	228	Resp:	58138
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.2
229	19.3	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.958 ng

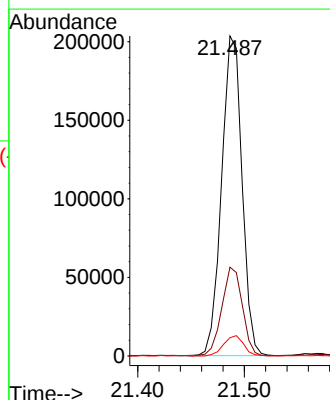
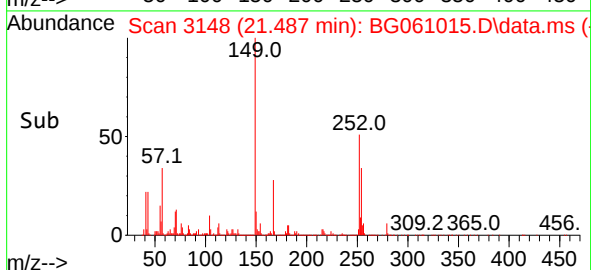
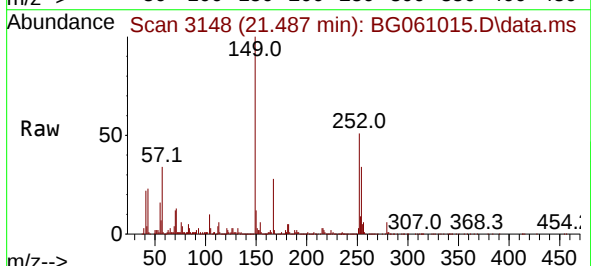
RT: 21.487 min Scan# 3148

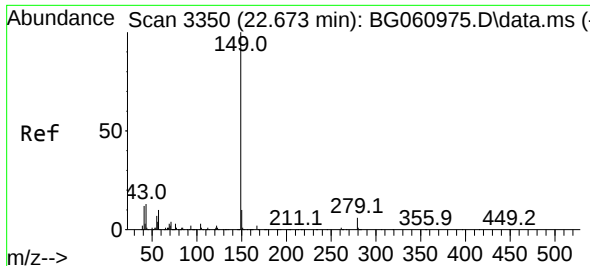
Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

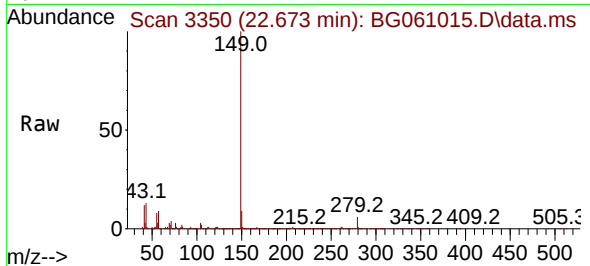
Tgt Ion:	149	Resp:	269791
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.8	32.8
279	5.7	4.4	6.6





#85
Di-n-octyl phthalate
Concen: 44.373 ng
RT: 22.673 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

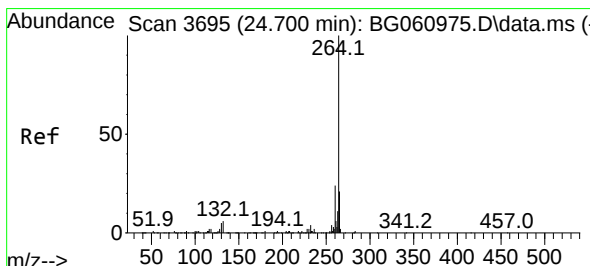
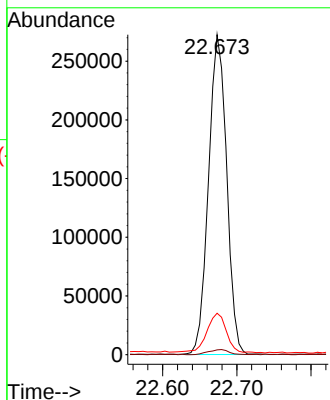
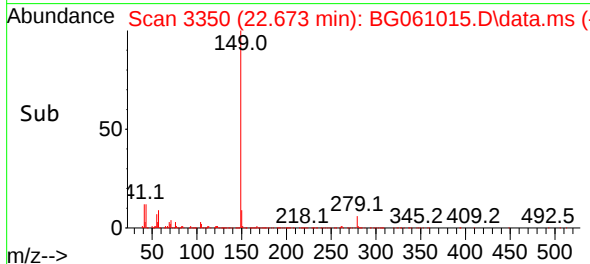
Instrument :
BNA_G
ClientSampleId :
SILICAMS



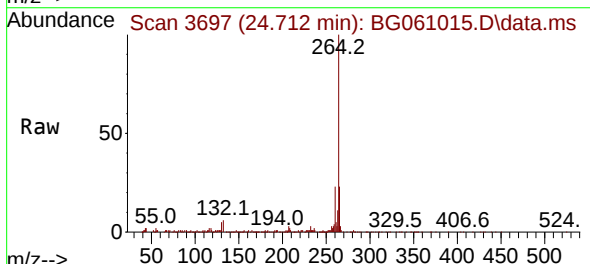
Tgt Ion:149 Resp: 462660
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 13.6 11.0 16.6

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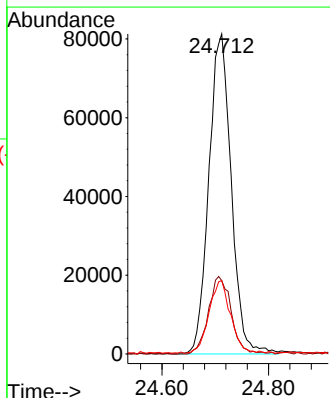
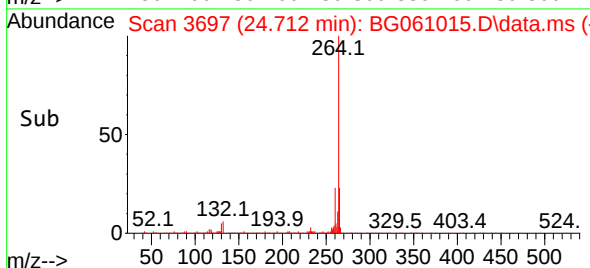
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

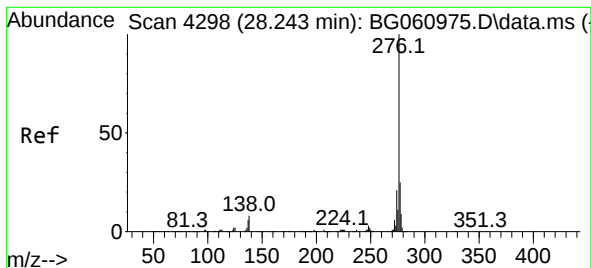


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 3697
Delta R.T. 0.012 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:264 Resp: 237129
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 23.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.394 ng

RT: 28.261 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

Tgt Ion:276 Resp: 746719

Ion Ratio Lower Upper

276 100

138 3.9 5.3 7.9

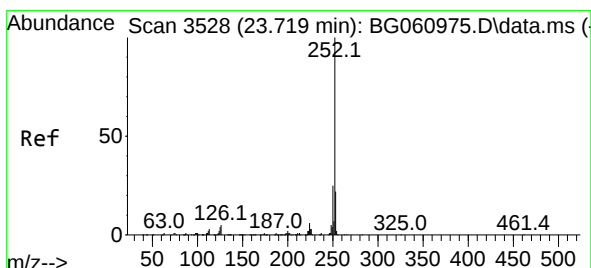
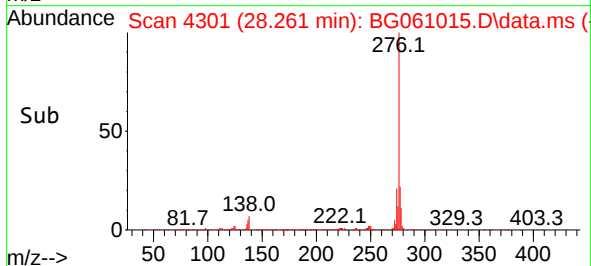
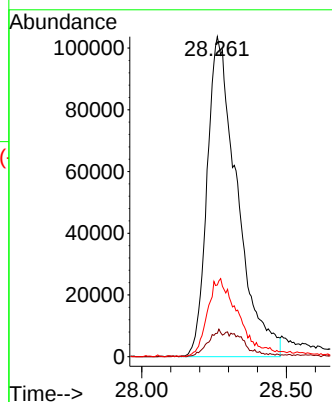
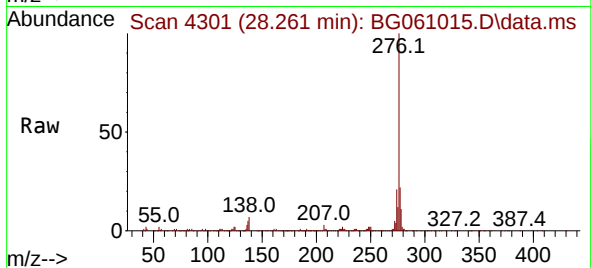
277 24.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#88

Benzo(b)fluoranthene

Concen: 45.782 ng

RT: 23.725 min Scan# 3529

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

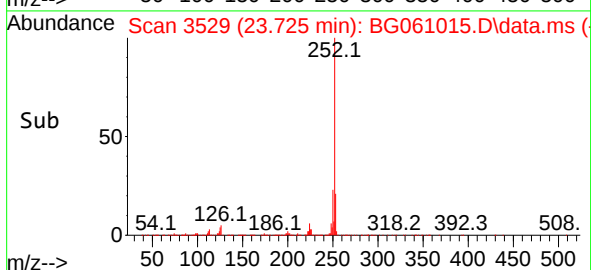
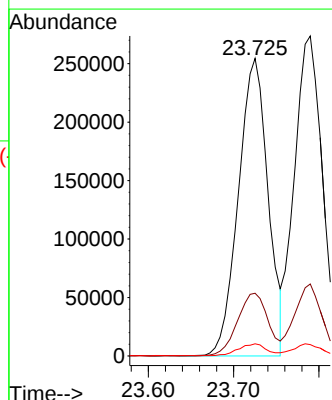
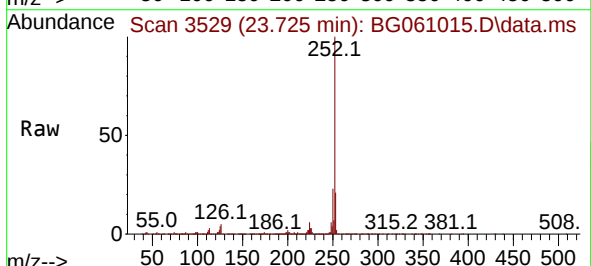
Tgt Ion:252 Resp: 615214

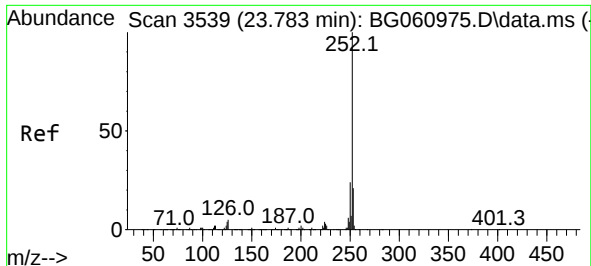
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

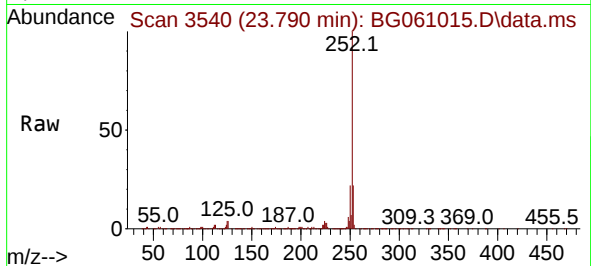
125 4.1 3.3 4.9





#89
Benzo(k)fluoranthene
Concen: 46.121 ng
RT: 23.790 min Scan# 3540
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

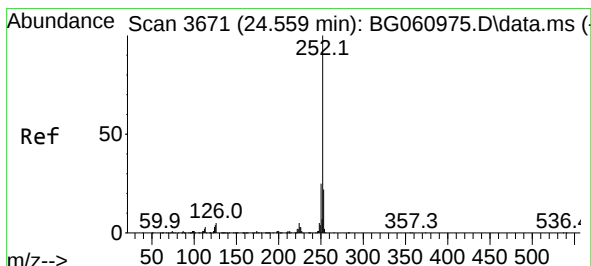
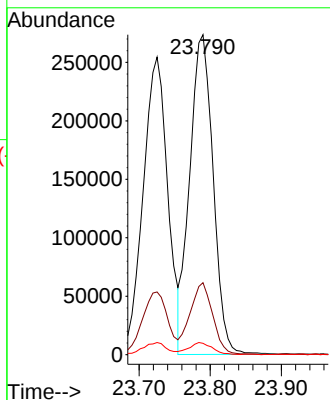
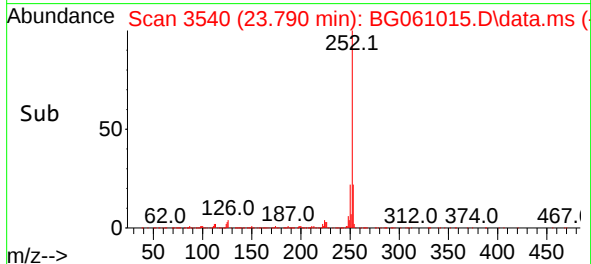
Instrument :
BNA_G
ClientSampleId :
SILICAMS



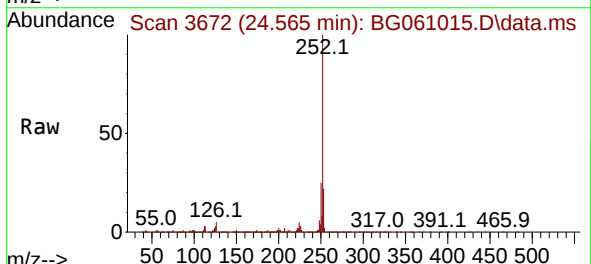
Tgt Ion:252 Resp: 62564
Ion Ratio Lower Upper
252 100
253 22.5 16.6 25.0
125 3.6 3.3 4.9

Manual Integrations
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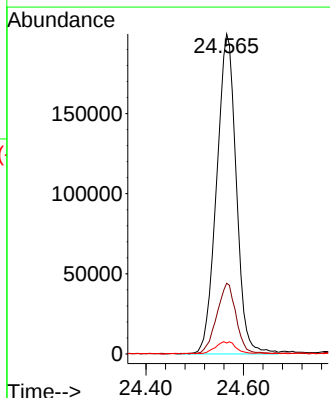
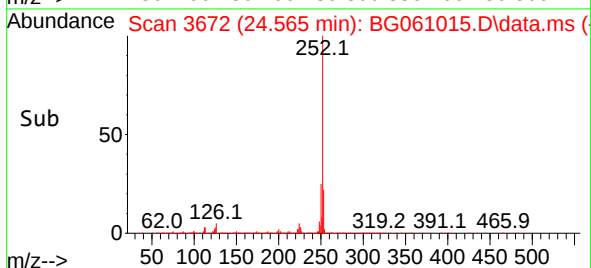
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

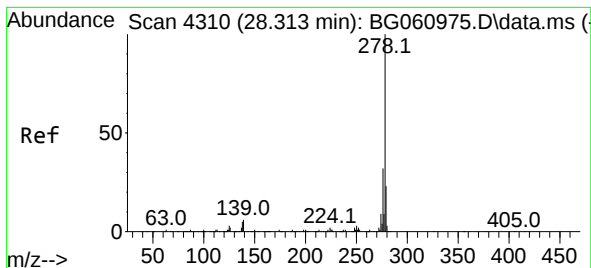


#90
Benzo(a)pyrene
Concen: 43.035 ng
RT: 24.565 min Scan# 3672
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:252 Resp: 559754
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 3.4 3.6 5.4#





#91

Dibenzo(a,h)anthracene

Concen: 45.914 ng

RT: 28.331 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

Tgt Ion:278 Resp: 61707

Ion Ratio Lower Upper

278 100

139 5.5 4.7 7.1

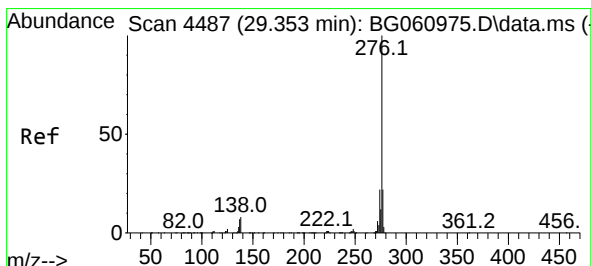
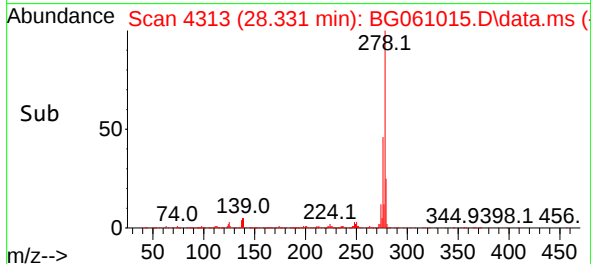
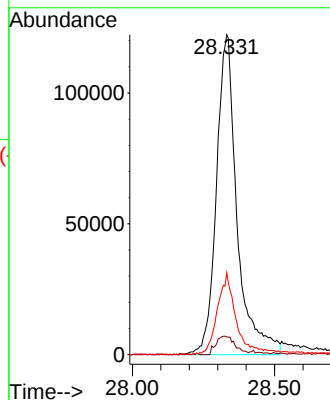
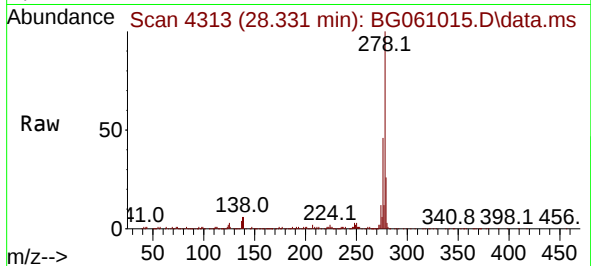
279 25.6 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#92

Benzo(g,h,i)perylene

Concen: 39.529 ng

RT: 29.371 min Scan# 4490

Delta R.T. 0.018 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Tgt Ion:276 Resp: 526759

Ion Ratio Lower Upper

276 100

277 22.0 18.0 27.0

138 6.0 6.5 9.7#

